A FACILITY FOR:

JILL'S HOUSE

751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

DRAWING SHEET LIST

NO. TITLE

CIVIL ENGINEER DRAWINGS

0 TITLE SHEET
1 GENERAL NOTES & LEGENDS
2 DEMOLITION AND SITE PLAN
3 GRADING, UTILITY & EROSION CONTROL PLAN
4 LANDSCAPE PLAN
5 MISCELLANEOUS DETAILS
6 MISCELLANEOUS DETAILS
7 EROSION CONTROL DETAILS
8 EROSION CONTROL NOTES

STRUCTURAL DRAWINGS

S1.0 FOUNDATION PLAN
S1.1 SECOND FLOOR FRAMING PLAN
S2.0 DETAILS
S2.1 DETAILS
S6.0 NOTES/SPECIFICATIONS

ARCHITECTURAL DRAWINGS

S1 SITE PLAN
LS1 OVERALL FLOOR PLAN – BASEMENT
LS2 OVERALL FLOOR PLAN – FIRST FLOOR
LS3 OVERALL FLOOR PLAN – SECOND FLOOR
A1 OVERALL FLOOR PLAN – BASEMENT
A2 OVERALL FLOOR PLAN – FIRST FLOOR
A3 OVERALL FLOOR PLAN – SECOND FLOOR
A4 PARTIAL FLOOR PLAN 1 – FIRST FLOOR
A5 PARTIAL FLOOR PLAN 2 – FIRST FLOOR
A6 PARTIAL FLOOR PLAN 3 – FIRST FLOOR
A7 PARTIAL FLOOR PLAN 4 – FIRST FLOOR
A8 PARTIAL FLOOR PLAN 1 – SECOND FLOOR
A9 PARTIAL FLOOR PLAN 2 – SECOND FLOOR
A10 PARTIAL FLOOR PLAN 3 – SECOND FLOOR
A11 PARTIAL FLOOR PLAN 4 – SECOND FLOOR
A12a OVERALL 2nd FLOOR FRAMING PLAN
A12b OVERALL ROOF FRAMING PLAN
A13 OVERALL ROOF PLAN
A14 SOUTH ELEVATION
A15 NORTH ELEVATION
A16 EAST ELEVATION
A17 WEST ELEVATION
A18 BUILDING SECTION
A19 BUILDING SECTION
A20a BUILDING SECTION

ARCHITECTURAL DRAWINGS CONTINUED

A20b BUILDING ELEVATOR SECTION
A21 BUILDING SECTION
A22a BUILDING SECTION
A22b BUILDING SECTION
A22c BUILDING SECTION
A23a DECK SECTIONS
A23b PORTE–COCHERE DETAILS
A24 DETAILS
A25 DETAILS
A26a DETAILS
A26b OPENING DETAILS
A26c WINDOW DETAILS
A26d DECK DETAILS
A27a INTERIOR ELEVATIONS – BATHROOMS
A27b INTERIOR ELEVATIONS – BATHROOMS
A28a INTERIOR ELEVATIONS – KITCHENS
A28b INTERIOR ELEVATIONS – PANTRY
A29 INTERIOR ELEVATIONS – BOOK SHELF & CLOSETS
A30 INTERIOR ELEVATIONS – FIREPLACE
A31 OPENING SCHEDULES
A32a OPENING SCHEDULES
A32b OPENING ELEVATIONS
A33 FINISH LEGEND
A34 FINISH SCHEDULE
A35 OVERALL FINISH PLAN – BASEMENT
A36 OVERALL FINISH PLAN – FIRST FLOOR
A37 OVERALL FINISH PLAN – SECOND FLOOR
A38 OVERALL REF. CEILING & FURN. – BASEMENT
A39 OVERALL REF. CEILING & FURN. – FIRST FLOOR
A40 OVERALL REF. CEILING & FURN. – SECOND FLOOR

MEP DRAWINGS

M1 MECHANICAL PLAN – BASEMENT
M2 MECHANICAL PLAN – FIRST FLOOR
M3 MECHANICAL PLAN – SECOND FLOOR
M4 MECHANICAL PLAN – SHEET METAL DETAILS – HVAC
E1 ELECTRICAL PLAN – BASEMENT
E2 ELECTRICAL PLAN – FIRST FLOOR
E3 ELECTRICAL PLAN – SECOND FLOOR
E4 ELECTRICAL SCHEDULES & DETAILS
P1 PLUMBING PLAN – BASEMENT
P2 PLUMBING PLAN – BASEMENT
P3 PLUMBING PLAN – FIRST FLOOR
P4 PLUMBING PLAN – SECOND FLOOR
P5 PLUMBING SCHEDULES & SYMBOLS
P6 PLUMBING DETAILS



FEBRUARY 2007
CONSTRUCTION DOCUMENTS

CODE SUMMARY :

2000 INTERNATIONAL BUILDING CODE

BUILDING REQUIREMENTS

Building Use Type: Hotel/Enclosed Parking
Occupancy Classification: R–1/S–2
Construction Type – VB
Floor construction including beams – 2 hour only between R–1/S–1
Total occupant load = 378
Max. travel distance less than 250 ft
Illuminated exit signs provided
Fully sprinklered with NFPA 13
Smoke alarm system provided with manual pull stations

PARKING DATA:

PARKING PROVIDED – 24 spaces
1 handicapped space

PROJECT SUMMARY:

THIS PROJECT CONSISTS OF A WOOD FRAMED 2–STORY HOTEL OVER A 1–STORY ENCLOSED, 11 SPACE PARKING GARAGE WITH A 2–HOUR SEPARATION. THE PROJECT IS FULLY SPRINKLERED THROUGHOUT WITH A NFPA 13 SYSTEM, INCLUDING ATTICS.

BUILDING DATA:

BASEMENT/GARAGE
Parking Garage. . . . . 5,492 SF
Storage. . . . . 8,417 SF
Total Basement. . . . . 13,909 SF
1ST FLOOR . . . . . 13,920 SF
2ND FLOOR . . . . . 12,370 SF
TOTAL BUILDING . . . . . 40,199 SF
(without area increases. 76,125 s.f. total allowable using 504.2; 506.1 area modifications)
TOTAL R–1 . . . . . 34,707 SF
TOTAL S–2 . . . . . 5,492 SF
BUILDING HEIGHT – . . . . . – 3 story
(3 story allowable with sprinkler addition, actual height–48', allowable height–60' for fully sprinklered)
Note: Exterior walls not rated as building is greater than 10'–0" from property line.

JILL'S HOUSE BOARD OF DIRECTORS

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PEG HOWARD	PRESIDENT		
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STRUCTURAL ENGINEER:

LJE
LJ ENGINEERING
Engineering Consultant
250 FRANKLIN ST
COLUMBUS, IN 47201
PH 812–372–3732

CIVIL ENGINEER

BYNUM FANYO & ASSOCIATES, INC.
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CIVIL ENGINEERING
PLANNING
528 north walnut street bloomington, indiana
(812)332–8030 fax (812)339–2990

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7825 E. 89th STREET
INDIANAPOLIS, INDIANA 46256
(317)849–5211 FAX: (317) 576–1424
www.fgengineers.com

GENERAL CONTRACTOR

Weddle Bros. Design & Build, LLC
1201 WEST THIRD STREET * P.O. BOX 1330 * BLOOMINGTON, IN 47402-1330
PHONE (812) 339-9500 * FAX (812) 339-4260 * www.weddlebros.com

ARCHITECT:

TABOR BRUCE
ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN.47404
TELEPHONE: (812) 332–6258 FACSIMILE: (812) 332–8658

Holey Moley says,
DON'T DIG BLIND

THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE, INCLUDING, BUT NOT LIMITED TO, MANHOLES, VALVES, AND MARKS PAINTED UPON THE GROUND BY UTILITIES, AND ARE SPECULATIVE IN NATURE. THERE MAY BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY EXCAVATION OR EARTH MOVING ACTIVITIES.

Call Monday through Friday–7 AM to 6 PM
1–800–382–5544
CALL TOLL FREE
1–800–428–5200
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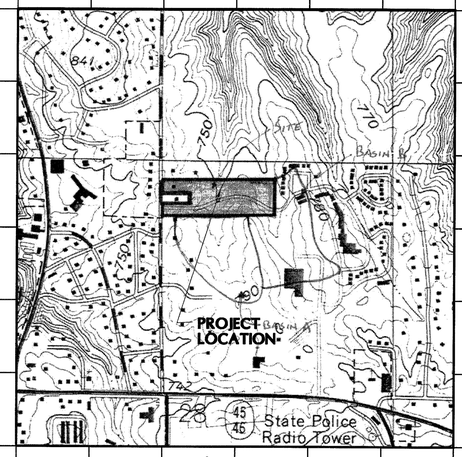
HOWARD DOUGLAS BRUCE
REGISTERED
NO. AR19900009
STATE OF INDIANA
ARCHITECT
SEAL

JILL'S HOUSE
JOB No. 4006100

PROPOSED

JILL'S HOUSE

751 TAMARACK TRAIL
BLOOMINGTON, INDIANA



VICINITY/LOCATION MAP
SCALE: 1"=2000'

RULE 5 EROSION CONTROL INDEX

SHEET NO.		ASSESSMENT OF CONSTRUCTION PLAN ELEMENTS
6	A3	NARRATIVE DESCRIBING THE NATURE AND PURPOSE OF THE PROJECT
COVER	A4	VICINITY MAP
2	A5	LEGAL DESCRIPTION OF THE PROJECT SITE
2	A6	LOCATION OF ALL LOTS AND PROPOSED SITE IMPROVEMENTS
6	A7	HYDROLOGIC UNIT CODE
6	A8	NOTATION OF ANY STATE OR FEDERAL WATER QUALITY PERMITS
3	A9	SPECIFIC POINTS WHERE STORMWATER DISCHARGE WILL LEAVE SITE
N/A	A10	LOCATION AND NAME OF ALL WETLANDS, LAKES AND WATER COURSES ON AND ADJACENT TO THE SITE
6	A11	IDENTIFICATION OF ALL RECEIVING WATERS
6	A12	IDENTIFICATION OF POTENTIAL DISCHARGES TO GROUND WATER
N/A	A13	100 YEAR FLOODPLAINS, FLOODWAYS, AND FLOODWAY FRINGES
6	A14	PRE-CONSTRUCTION AND POST CONSTRUCTION ESTIMATE OF PEAK DISCHARGE
6	A15	ADJACENT LANDUSE, INCLUDING UPSTREAM WATERSHED
3	A16	LOCATIONS AND APPROXIMATE BOUNDARIES OF ALL DISTURBED AREAS
2-4	A17	IDENTIFICATION OF EXISTING VEGETATIVE COVER
6	A18	SOILS MAP INCLUDING SOIL DESCRIPTIONS AND LIMITATIONS
3	A19	LOCATIONS, SIZE AND DIMENSIONS OF PROPOSED STORMWATER SYSTEMS
N/A	A20	PLANS FOR ANY OFFSITE CONSTRUCTION ACTIVITIES
3	A21	LOCATIONS OF PROPOSED SOIL STOCKPILES AND/OR BORROW/DISPOSAL AREAS ON AND ADJACENT TO THE SITE
3	A22	EXISTING SITE TOPOGRAPHY
3	A23	PROPOSED SITE TOPOGRAPHY

SHEET NO.		ASSESSMENT OF STORMWATER POLLUTION PREVENTION
6	B1	DESCRIPTION OF POTENTIAL POLLUTANT SOURCES ASSOCIATED WITH CONSTRUCTION ACTIVITIES
7	B2	SEQUENCE DESCRIBING STORMWATER QUALITY MEASURE IMPLEMENTATION RELATIVE TO LAND DISTURBING ACTIVITIES
3,6	B3	STABLE CONSTRUCTION ENTRANCE LOCATIONS AND SPECIFICATIONS (at all points of ingress and egress)
3	B4	SEDIMENT CONTROL MEASURES FOR SHEET FLOW AREAS
2	B5	SEDIMENT CONTROL MEASURES FOR CONCENTRATED FLOW AREAS
3,6 & 7	B6	STORM SEWER INLET PROTECTION MEASURE LOCATIONS AND SPECIFICATIONS
3	B7	RUNOFF CONTROL MEASURES
6	B8	STORM WATER OUTLET PROTECTION SPECIFICATIONS
1,6	B9	GRADE STABILIZATION STRUCTURE LOCATIONS AND SPECIFICATIONS
3,5 & 6	B10	LOCATION, DIMENSIONS, SPECIFICATIONS, AND CONSTRUCTION DETAILS OF EACH STORMWATER QUALITY MEASURE
7	B11	TEMPORARY SURFACE STABILIZATION METHODS APPROPRIATE FOR EACH SEASON
7	B12	PERMANENT SURFACE STABILIZATION SPECIFICATIONS
6	B13	MATERIAL HANDLING AND SPILL PREVENTION PLAN
6	B14	MONITORING AND MAINTENANCE GUIDELINES FOR EACH PROPOSED STORMWATER QUALITY MEASURE
N/A	B15	EROSION AND SEDIMENT CONTROL SPECIFICATIONS FOR INDIVIDUAL BUILDING LOTS

SHEET NO.		STORMWATER POLLUTION PREVENTION PLAN – POST CONSTRUCTION COMPONENT
6	C1	DESCRIPTION OF POLLUTANTS AND THEIR SOURCES ASSOCIATED WITH THE PROPOSED LAND USE
7	C2	SEQUENCE DESCRIBING STORMWATER QUALITY MEASURE IMPLEMENTATION
3,5 & 7	C3	DESCRIPTION OF PROPOSED POST CONSTRUCTION STORMWATER QUALITY MEASURES
3,5 & 7	C4	LOCATION, DIMENSIONS, SPECIFICATIONS, AND CONSTRUCTION DETAILS OF EACH STORMWATER QUALITY MEASURE
6,7	C5	DESCRIPTION OF MAINTENANCE GUIDELINES FOR POST CONSTRUCTION STORMWATER QUALITY MEASURES

INDEX

SHEET NO.	DESCRIPTION
1	GENERAL NOTES AND LEGENDS
2	DEMOLITION AND SITE PLAN
3	GRADING, UTILITY AND EROSION CONTROL PLAN
4	LANDSCAPE PLAN
5 & 6	MISCELLANEOUS DETAILS
7	EROSION CONTROL DETAILS
8	EROSION CONTROL NOTES

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1-800-382-5544
CALL TOLL FREE
PER INDIANA STATE LAW IC8-1-26. IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

BYNUM FANYO & ASSOCIATES, INC.
528 North Walnut Street
Bloomington, Indiana 47404 (812) 332-8030

architecture
civil engineering
planning

OWNER/DEVELOPER
JILL'S HOUSE, INC. C/O WEDDLE BROS. CONSTRUCTION CO., 1201 W. THIRD ST. BLOOMINGTON, IN 47402

ANDREW M. SCALES REGISTERED NO. 10606552 STATE OF INDIANA PROFESSIONAL ENGINEER

certified by:
ANDREW M. SCALES, P.E. 02/12/07
IND. REG. NO. 10606552

JEFFREY S. FANYO No. 18283 STATE OF PROFESSIONAL ENGINEER

certified by:
JEFFREY S. FANYO, P.E.
IND. REG. NO. 18283
DRAWING DATE: 2/12/07

revisions

JILL'S HOUSE
JOB No. 4006100

GENERAL LEGEND

PROPERTY LINE	
DEED BOOK AND PAGE	XXX/XXX
TO BE REMOVED	T.B.R.
TO REMAIN UNDISTURBED.	T.R.U.
SETBACK LINE	X' SBL
PROPOSED 12' X 12' DUMPSTER PAD SURROUNDED BY MASONRY WALL WITH GATE – SEE ARCH. PLANS FOR MATERIALS AND HEIGHT	
SANITARY SEWER EASEMENT	S.S.E.
GAS EASEMENT	G.E.
WATER LINE EASEMENT	W.L.E.
ELECTRIC EASEMENT	E.E.
DRAINAGE EASEMENT	D.E.
UTILITY EASEMENT	U.E.

EXISTING LEGEND

EXISTING FENCE	
EXISTING WATER LINE	W
EXISTING OVERHEAD ELECTRIC AND TELEPHONE LINES	OHE+OHT
EXISTING UNDERGROUND ELECTRIC AND TELEPHONE LINES	UGE+UGT
EXISTING UNDERGROUND TELEPHONE LINES	UGT
EXISTING CONTOUR	XXX
FLOW LINE	
EXISTING LIGHT POLE	
EXISTING UTILITY POLE	
EXISTING DECIDUOUS TREE	
EXISTING GYE WIRE	
EXISTING STREET SIGN	

SITE LEGEND

A	PROPOSED BITUMINOUS PAVING
F	PROPOSED CONCRETE SIDEWALK
C	PROPOSED 6" DEPTH CONCRETE PAVING
PB	PROPOSED PARKING BUMPER
21	PROPOSED 4" MARKING LINES, SOLID
RW	PROPOSED RETAINING WALL
32	PROPOSED LANE ARROW MARKING
WF	PROPOSED 6' HEIGHT WOOD FENCE
PP	PAVEMENT PATCH
R1-1	PROPOSED STOP SIGN
G	PROPOSED THREE CABLE TIMBER POST GUARDRAIL (SEE SHEET 6 FOR DETAILS)
XX	PROPOSED NUMBER OF PARKING SPACES PER LOT

SEE TYPICAL DETAILS SHEET 5 FOR CLARIFICATION.

UTILITY AND GRADING LEGEND

PROPOSED 8" DIP WATER LINE	
PROPOSED WATER VALVE	
PROPOSED 8" CAP AND VALVE	
PROPOSED FLUSH HYDRANT (FH)	
PROPOSED FIRE PIT / DOUBLE DETECTOR CHECK VALVE (BY THE CITY OF BLOOMINGTON UTILITIES)	
PROPOSED 8" PVC SANITARY SEWER AND SANITARY SEWER MANHOLE	LINE "S-X"
PROPOSED 6" SANITARY LATERAL AND SANITARY SEWER CLEAN-OUT	6" SSL C.O.
PROPOSED STORM PIPE INLET END SECTION	
PROPOSED RIP-RAP ON FILTER FABRIC AND END SECTION	RR
PROPOSED CONTOUR	XXX
PROPOSED TOP OF WALL ELEVATION / PROPOSED BOTTOM OF WALL ELEVATION	TW XXX.XX / BW XXX.XX
PROPOSED SPOT GRADE ELEVATION	XXX.XX
FINISH FLOOR ELEVATION	FF=XXX.XX
FINISH BASEMENT ELEVATION (ASSUMING SLAB ON GRADE CONSTRUCTION)	F.B.=XXX.XX
FORCE MAIN (BY OTHERS)	FM

NOTE: ALL WATER AND SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF BLOOMINGTON UTILITY SPECIFICATIONS.

EROSION CONTROL LEGEND

SF	SILTATION FENCE (TEMPORARY)
MS	MULCH SEEDING – SEE SPECIFICATIONS (TEMPORARY)
SP	20' X 50' STONE PAD, 6" DEEP TO KEEP FROM TRACKING MUD OFF SITE (TEMPORARY)
CD	CHECK DAM (TEMPORARY)
CW	CONCRETE WASHOUT AREA (TEMPORARY)
RR	RIP-RAP ENERGY DISSIPATERS
TSB	TEMPORARY SEDIMENT BASIN
SB1	STRAW BALE (TEMPORARY) (TO BE USED ON ALL YARD INLETS)

SEE EROSION CONTROL DETAILS SHEETS 7 & 8 FOR CLARIFICATION.

UTILITIES

GAS
VECTREN
205 S. MADISON ST,
BLOOMINGTON, IN 47401
DOUG ANDERSON (812) 330-4009

SEWER AND WATER
CITY OF BLOOMINGTON UTILITIES
501 N. MORTON STREET
BLOOMINGTON, IN 47401
MIKE BENGSTON (812)349-3653

ELECTRIC
DUKE ENERGY
1100 W. SECOND ST.
BLOOMINGTON, IN 47401
KERRY DUCKER (812)337-3035

TELEPHONE
AMERITECH
P.O. BOX 56
BLOOMINGTON, IN 47402
BRENT McCABE (812)334-4521

CABLE TELEVISION
INSIGHT COMMUNICATIONS
2450 SOUTH HENDERSON STREET
BLOOMINGTON, IN 47404
SCOTT TEMPLETON (812)332-9486

UNDERGROUND UTILITY LOCATION
INDIANA UNDERGROUND
PLANT PROTECTION
1 – (800) 382 – 5544

GENERAL NOTES

☒ 1. BOUNDARY AND TOPO BY BYNUM FANYO AND ASSOCIATES, 528 NORTH WALNUT STREET, BLOOMINGTON, INDIANA 47404 (812) 332-8030

☒ 2. DEVELOPER: JILL'S HOUSE, INC. C/O WEDDLE BROTHERS CONSTRUCTION CO., 1201 W. THIRD STREET, BLOOMINGTON, INDIANA 47402

☒ 3. PROJECT ADDRESS: 751 TAMARACK TRAIL, BLOOMINGTON, INDIANA

☒ 4. ALL WORK IS TO BE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS.

☒ 5. ALL PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.

☒ 6. HYDRANT LOCATION SHALL BE APPROVED BY THE LOCAL FIRE MARSHALL.

☒ 7. EXISTING UTILITIES ON SITE SHALL BE RELOCATED AS REQUIRED. CONTRACTOR SHALL PAY ALL COSTS ASSOCIATED WITH RELOCATION.

☒ 8. SAFE, CLEARLY MARKED PEDESTRIAN AND VEHICULAR ACCESS TO ALL ADJACENT PROPERTIES MUST BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS.

PARKING AND PAVEMENT NOTES

☒ 1. ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC DEVICES, 1988 EDITION AS AMENDED.

☒ 2. ALL PAVEMENT MARKINGS SHALL BE PAINTED WHITE ON ASPHALT PAVEMENT / YELLOW ON CONCRETE PAVEMENT AND SHALL BE FOUR (4) INCHES WIDE UNLESS INDICATED OTHERWISE.

☒ 3. ALL DIMENSIONS ARE TO EDGE OF PAVEMENT UNLESS INDICATED OTHERWISE. ALL CURB RADIUS ARE TO BE 5' UNLESS INDICATED OTHERWISE.

☒ 4. CONTRACTOR SHALL FURNISH AND INSTALL PAVEMENT MARKINGS AS SHOWN ON THE PLANS.

☒ 5. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES WITH OTHER CONTRACTORS ON THE SITE.

☒ 6. JOINTS OR SCORE MARKS ARE TO BE SHARP AND CLEAN WITHOUT SHOWING EDGES OF JOINTING TOOLS.

☒ 7. CONTRACTOR SHALL SAW-CUT TIE-INS AT EXISTING CURBS AS NECESSARY TO INSURE SMOOTH TRANSITIONS. CONTRACTOR SHALL SAW-CUT AND TRANSITION TO MEET EXISTING PAVEMENT AS NECESSARY AND AS DIRECTED BY INSPECTOR TO INSURE POSITIVE DRAINAGE. (TYPICAL AT ALL INTERSECTIONS).

☒ 8. CONTRACTOR SHALL COMPLY WITH ALL PERTINENT PROVISIONS OF THE "MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION" ISSUED BY A.G.C. OF AMERICA, INC. AND THE HEALTH AND SAFETY REGULATIONS FOR CONSTRUCTION ISSUED BY THE U.S. DEPARTMENT OF LABOR.

ON-SITE UTILITY NOTES

☒ 1. ALL WATER PIPE 6" AND LARGER SHALL BE PRESSURE CLASS 350 DIP WATER PIPE CONFORMING TO ALL STATE AND LOCAL STANDARDS.

☒ 2. WATER MAIN FITTINGS 6" AND LARGER SHALL BE DUCTILE IRON CONFORMING TO AWWA/ANSI STANDARD SPECIFICATIONS C153/A21.53, LATEST REVISION.

☒ 3. 2" WATER MAINS SHALL BE SDR-21 (PR200) AND 4" PIPE MAY BE EITHER SDR-21 (PR200) OR C900 (DR-14).

☒ 4. ALL WATER SERVICE LINES CONNECTING TO 2" PVC MAINS SHALL BE 1" TYPE "K" COPPER. ALL SERVICE LINES FROM MAIN TO METER SHALL BE TYPE "K" COPPER WITH FLARED ENDS.

☒ 5. MECHANICAL RESTRAINTS SHALL BE PROVIDED AT ALL WATER LINE BENDS, OFFSETS, TEES, PLUGS, ETC...

☒ 6. ALL WATER LINE GATE VALVES OTHER THAN AIR RELEASE VALVES AND TAPPING VALVES SHALL BE CAST IRON BODY, FULLY BRONZE MOUNTED, WITH RESILIENT SEAT AND NON-RISING STEM AND SHALL BE MANUFACTURED BY M & H VALVE COMPANY, DARLING VALVE AND MANUFACTURING COMPANY, KENNEDY VALVE COMPANY, OR MUELLER COMPANY.

☒ 7. FLUSH HYDRANTS SHALL BE PLACED AT THE ENDS OF ALL WATER MAINS AND AT ANY HIGH POINTS IN THE LINE.

☒ 8. AIR RELEASE VALVES SHALL BE PROVIDED AT ALL HIGH POINTS OF WATER MAINS AND SHALL BE VAL-MATIC BRAND AND SHALL INCORPORATE THE OPTIONAL VACUUM-CHECK FEATURE.

☒ 9. ALL FIRE HYDRANTS SHALL BE MANUFACTURED BY KENNEDY GUARDIAN OR MUELLER CENTURION.

☒ 10. ALL WATER MAINS SHALL BE HYDROSTATICALLY TESTED AND DISINFECTED BEFORE ACCEPTANCE. SEE SITE WORK SPECIFICATIONS.

☒ 11. WATER AND SANITARY SEWER MAINS SHALL HAVE A MINIMUM COVER OF 4'-0" ABOVE TOP OF PIPE.

☒ 12. ALL SPRINKLER, DOMESTIC, AND SANITARY LEADS TO THE BUILDING SHALL END AS SHOWN ON PLAN AND SHALL BE PROVIDED WITH A TEMPORARY PLUG AT THE END (FOR OTHERS TO REMOVE AND EXTEND AS NECESSARY).

☒ 13. THE MINIMUM HORIZONTAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINE IS TEN FEET (10'). THE MINIMUM VERTICAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINE IS EIGHTEEN INCHES (18").

☒ 14. GRAVITY SANITARY SEWER PIPE 4" – 15" SHALL BE CONSTRUCTED OF SDR 35 PVC.

☒ 15. THE UPSTREAM ENDS OF ALL SANITARY SEWER LATERALS SHALL BE CLEARLY MARKED WITH A 4x4 TREATED POST EXTENDING 3' BELOW GRADE AND 1' ABOVE GRADE.

☒ 16. ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS.

☒ 17. SEE SITE SPECIFICATIONS FOR BACKFILLING AND COMPACTION REQUIREMENTS.

☒ 18. SITE CONTRACTOR SHALL HAVE APPROVAL OF ALL GOVERNING AGENCIES HAVING JURISDICTION OVER THIS SYSTEM PRIOR TO INSTALLATION.

☒ 19. ALL WORK ON THIS PLAN SHALL BE DONE IN STRICT ACCORDANCE WITH SITE WORK SPECIFICATIONS.

☒ 20. ALL CATCH BASIN GRATE AND FRAMES ARE TO BE BY EAST JORDAN IRON WORKS.

☒ 21. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS OF UTILITY LINES ADJACENT TO THE WORK AREA. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY LINES DURING THE CONSTRUCTION PERIOD.

GRADING NOTES

☒ 1. NEW FINISHED CONTOURS SHOWN ARE TOP OF FUTURE PAVING IN AREAS TO RECEIVE PAVEMENT AND TOP OF TOPSOIL IN AREAS TO BE SEEDED.

☒ 2. AREAS OUTSIDE OF THE PARKING LOT PERIMETERS SHOWN TO BE SEEDED SHALL RECEIVE 4" OF TOPSOIL. THIS TOPSOIL IS TO BE PLACED AND LEVELED BY THE CONTRACTOR.

☒ 3. CONTRACTOR SHALL NOTIFY AND COOPERATE WITH ALL UTILITY COMPANIES OR FIRMS HAVING FACILITIES ON OR ADJACENT TO THE SITE BEFORE DISTURBING, ALTERING, REMOVING, RELOCATING, ADJUSTING, OR CONNECTING TO SAID FACILITIES. CONTRACTOR SHALL PAY ALL COSTS IN CONNECTION WITH ALTERATION OF OR RELOCATION OF THE FACILITY.

☒ 4. ALL AREAS NOT COVERED BY BUILDING OR PAVING ARE TO BE GRASSED.

☒ 5. UNUSABLE EXCAVATED MATERIALS AND ALL WASTE RESULTING FROM CLEARING AND GRUBBING SHALL BE DISPOSED OF OFF SITE BY CONTRACTOR.

☒ 6. ALL EXCAVATING IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED.

☒ 7. BEFORE ANY MACHINE WORK IS DONE, CONTRACTOR SHALL STAKE OUT AND MARK THE ITEMS ESTABLISHED BY THE SITE PLAN. CONTROL POINTS SHALL BE PRESERVED AT ALL TIMES DURING THE COURSE OF CONSTRUCTION. THE LACK OF PROPER WORKING POINTS AND GRADE STAKES MAY REQUIRE CESSATION OF OPERATIONS UNTIL SUCH POINTS AND GRADES HAVE BEEN PLACED TO THE OWNER'S SATISFACTION.

☒ 8. CONTRACTOR SHALL COMPACT AND MAINTAIN A 30,000 SQ. FT. STONEBASE CONSTRUCTION LAYDOWN AREA W/ STONE ACCESS FROM THE CONSTRUCTION ENTRANCE AND STONE ACCESS TO THE BUILDING PAD.

☒ 9. THESE DOCUMENTS ARE SCHEMATIC IN NATURE AND CANNOT SHOW EVERY ITEM NEEDED FOR A COMPLETE OPERATIONAL STORM SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE OPERATING STORM SYSTEM.

☒ 10. ALL FILL SHALL BE FREE OF VEGETABLE MATTER, RUBBISH, LARGE ROCK, AND OTHER DELETERIOUS MATERIAL. THE FILL MATERIAL SHOULD BE PLACED IN LAYERS NOT TO EXCEED SIX (6) INCHES IN LOOSE THICKNESS AND SHOULD BE SPRINKLED WITH WATER AS REQUIRED TO SECURE SPECIFIED COMPACTION. EACH LAYER SHOULD BE UNIFORMLY COMPACTED BY MEANS OF SUITABLE EQUIPMENT AS DICTATED BY THE TYPE OF FILL MATERIAL. UNDER NO CIRCUMSTANCES SHOULD A BULLDOZER OR SIMILARLY TRACKED VEHICLE BE USED AS COMPACTING EQUIPMENT. MATERIAL CONTAINING AN EXCESS OF WATER SHOULD BE SPREAD AND DRIED TO A MOISTURE CONTENT THAT WILL PERMIT PROPER COMPACTION. ALL FILL SHOULD BE COMPACTED TO THE SPECIFIED PERCENTAGE OF THE MAXIMUM DENSITY OBTAINED IN ACCORDANCE WITH ASTM DENSITY TEST D-1557 (95 PERCENT OF MAXIMUM DRY DENSITY). IF THE SPECIFIED COMPACTION LIMITS ARE NOT MET, SUCH AREAS SHOULD BE REWORKED AND RETESTED AS REQUIRED UNTIL THE SPECIFIED LIMITS ARE REACHED.

LANDSCAPE NOTES

☒ 1. ALL PLANT MATERIAL SHALL ARRIVE ONSITE IN A HEALTHY, VIGOROUS CONDTION AND BE FREE OF PESTS AND DISEASE.

☒ 2. ALL PLANTS SHALL BE CONTAINER GROWN OR BALLED AND BURLAPPED AS INDICATED IN THE PLANT LIST.

☒ 3. ALL TREES SHALL BE STRAIGHT-TRUNKED, FULL HEADED AND MEET ALL REQUIREMENTS SPECIFIED.

☒ 4. ALL TREES SHALL BE GUYED OR STAKED PLUMB AS SHOWN IN THE DETAILS.

☒ 5. ALL PLANTING MASS BEDS SHALL BE SPADE CUT UNLESS SPECIFIED WITH A MOW STRIP OR OTHER INSTALL EDGING. TREES TO HAVE A 5' DIAMETER MULCH RING.

☒ 6. ALL PLANTING AREAS SHALL BE COMPLETELY MULCHED WHERE SPECIFIED.

☒ 7. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE LANDSCAPE CONSTRUCTION. PLANTING LOCATIONS MAY REQUIRE ADJUSTMENTS IN FIELD TO AVOID OVERHEAD AND UNDERGROUND UTILITIES.

☒ 8. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES AND SPECIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.

☒ 9. THE CONTRACTOR IS RESPONSIBLE FOR FULLY MAINTAINING ALL PLANTING AND LAWN AREAS INCLUDING, BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, PRUNING, FERTILIZING, ETC., UNTIL WORK IS ACCEPTED IN FULL BY THE OWNER.

☒ 10. THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE (1) YEAR BEGINNING ON THE DATE OF TOTAL ACCEPTANCE. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE OR AT THE END OF THE GUARANTEE PERIOD.

☒ 11. THE OWNER SHALL APPROVE THE STAKING LOCATION OF ALL PLANT MATERIAL PRIOR TO INSTALLATION.

☒ 12. AFTER BEING DUG AT THE NURSERY SOURCE, ALL TREES IN LEAF SHALL BE ACCLIMATED FOR TWO (2) WEEKS UNDER A MIST OR DRIP IRRIGATION SYSTEM PRIOR TO INSTALLATION. WATER ALL SPECIMENS WITHIN 24 HOURS OF PLANTING.

☒ 13. ANY NEW OR TRANSPLANTED PLANT MATERIAL WHICH DIES, TURNS BROWN OR DEFOLIATES PRIOR TO TOTAL ACCEPTANCE OF THE WORK SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY AND SIZE TO MEET ALL PLANT LIST SPECIFICATIONS.

☒ 14. STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.

☒ 15. ALL SHRUB, GROUND COVER, ANNUAL AND HERBACEOUS PERENNIAL PLANTING BEDS ARE TO BE COMPLETELY COVERED WITH HARDWOOD MULCH TO A MINIMUM DEPTH OF FOUR INCHES.

☒ 16. DURING THE GROWING SEASON ALL ANNUALS AND HERBACEOUS PERENNIALS SHALL REMAIN IN A HEALTHY CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.

☒ 17. ALL PLANT MATERIAL QUANTITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE COVERAGE OF ALL PLANTING BEDS AT SPACING SHOWN ON PLANS.

☒ 19. ALL DISTURBED AREAS NOT INCLUDED IN LANDSCAPE MULCH BEDS ARE TO RECEIVE 6" OF TOP SOIL, MULCH SEEDED AND WATERED UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.

☒ 20. ANY PLANT OR OTHER LANDSCAPE MATERIAL SUBSTITUTIONS INSTALLED WITHOUT DESIGNER AND/OR OWNER APPROVAL SHALL BE REPLACED AT CONTRACTOR'S EXPENSE. ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE OWNER BEFORE, DURING AND AFTER INSTALLATION.

NOTE: ONLY NOTES ON THIS SHEET MARKED WITH AN "X" APPLY TO THIS PROJECT.

☒ NOTE: CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS & DEPTHS AND NOTIFY ENGINEER OF ANY INACCURACIES IN LOCATION OR ELEVATION OR ANY CONFLICTS PRIOR TO & AFTER ANY EXCAVATION. NO PAYMENT SHALL BE MADE TO CONTRACTOR FOR UTILITY DESTRUCTION OR UNDERGROUND CHANGES REQUIRED DUE TO CONFLICTING ELEVATIONS.

revisions:

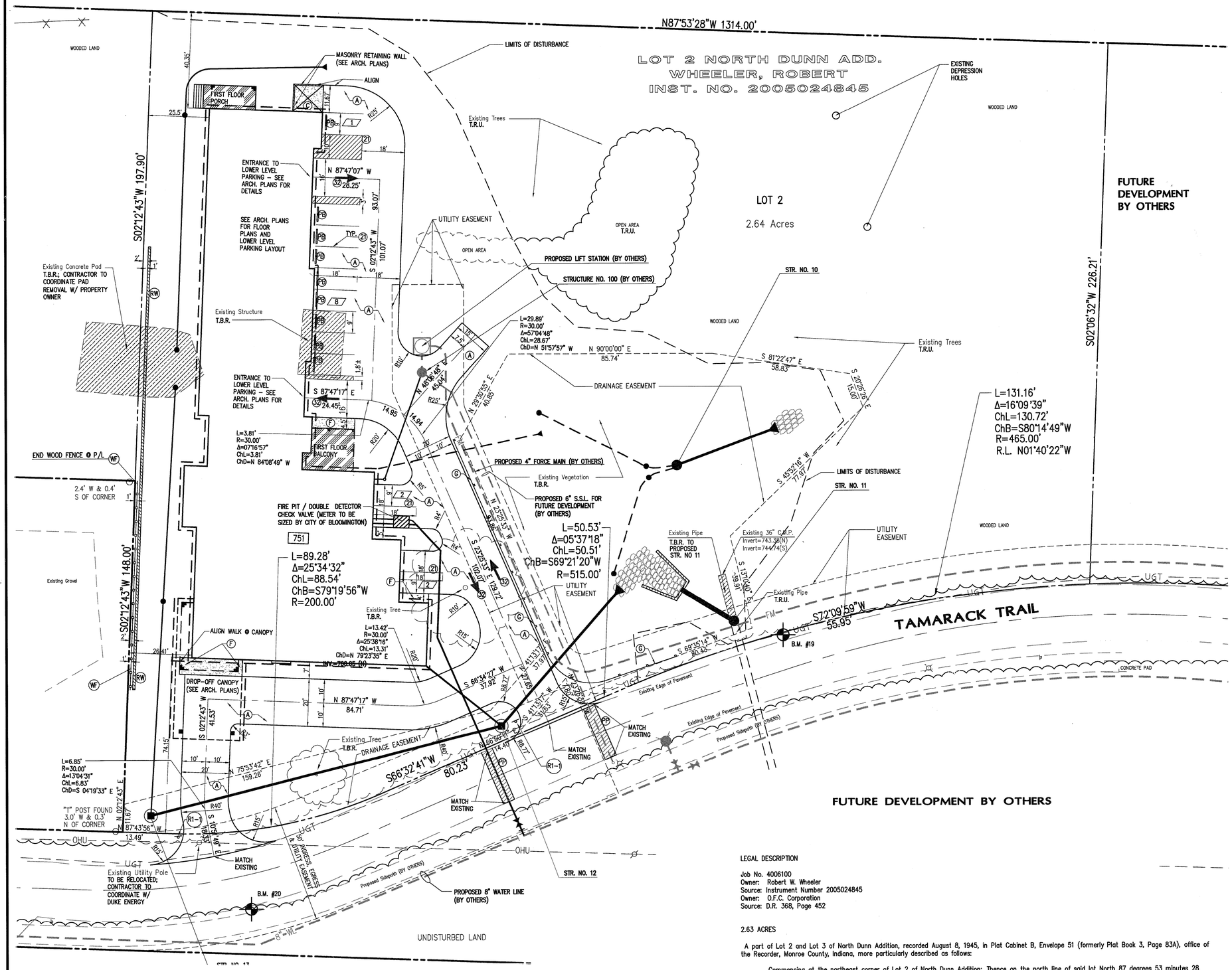
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528 north walnut street
bloomington, indiana
(812) 332-8030
(812) 339-2990 (Fax)

ANDREW M. SAWYER
REGISTERED
NO. 10606552
STATE OF INDIANA
PROFESSIONAL ENGINEER
04/12/07
certified by:

Proposed:
JILL'S HOUSE
751 Tamarack Trail
Bloomington Indiana

title: GENERAL NOTES & LEGENDS

designed by: EJF
drawn by: EJF
sheet no: 1 OF 8
project no.: 4006100



20 0 20 40

Scale 1" = 20 ft

GENERAL LEGEND

PROPERTY LINE	
DEED BOOK AND PAGE	XXX/XXX
TO BE REMOVED	T.B.R.
TO REMAIN UNDISTURBED.	T.R.U.
SETBACK LINE	X' SBL
PROPOSED 12' X 12' DUMPSTER PAD SURROUNDED BY MASONRY WALL WITH GATE - SEE ARCH. PLANS FOR MATERIALS AND HEIGHT	
SANITARY SEWER EASEMENT	S.S.E.
GAS EASEMENT	G.E.
WATER LINE EASEMENT	W.L.E.
ELECTRIC EASEMENT	E.E.
DRAINAGE EASEMENT	D.E.
UTILITY EASEMENT	U.E.

EXISTING LEGEND

EXISTING FENCE	x x x
EXISTING WATER LINE	W
EXISTING OVERHEAD ELECTRIC AND TELEPHONE LINES	OHE+OHT
EXISTING UNDERGROUND ELECTRIC AND TELEPHONE LINES	UGE+UGT
EXISTING UNDERGROUND TELEPHONE LINES	UGT
EXISTING CONTOUR	XXX
FLOW LINE	
EXISTING LIGHT POLE	
EXISTING UTILITY POLE	
EXISTING DECIDUOUS TREE	
EXISTING GYE WIRE	
EXISTING STREET SIGN	

SITE LEGEND

A	PROPOSED BITUMINOUS PAVING
F	PROPOSED CONCRETE SIDEWALK
C	PROPOSED 6" DEPTH CONCRETE PAVING
PB	PROPOSED PARKING BUMPER
21	PROPOSED 4" MARKING LINES, SOLID
RW	PROPOSED RETAINING WALL
32	PROPOSED LANE ARROW MARKING
WF	PROPOSED 6' HEIGHT WOOD FENCE
PP	PAVEMENT PATCH
R1-1	PROPOSED STOP SIGN
G	PROPOSED THREE CABLE TIMBER POST GUARDRAIL (SEE SHEET 6 FOR DETAILS)
XX	PROPOSED NUMBER OF PARKING SPACES PER LOT

SEE TYPICAL DETAILS SHEET 5 FOR CLARIFICATION.

BENCHMARK #19	BENCHMARK #20
REBAR WITH CAP	REBAR WITH CAP
ELEVATION=755.05	ELEVATION=765.16
NORTHING=6014.5523	NORTHING=5899.8988
EASTING=3661.9992	EASTING=3437.9677

LEGAL DESCRIPTION

Job No. 4006100
Owner: Robert W. Wheeler
Source: Instrument Number 2005024845
Owner: O.F.C. Corporation
Source: D.R. 368, Page 452

2.63 ACRES

A part of Lot 2 and Lot 3 of North Dunn Addition, recorded August 8, 1945, in Plat Cabinet B, Envelope 51 (formerly Plat Book 3, Page 83A), office of the Recorder, Monroe County, Indiana, more particularly described as follows:

Commencing at the northeast corner of Lot 2 of North Dunn Addition; Thence on the north line of said lot North 87 degrees 53 minutes 28 seconds West 510.34 feet to the true Point of Beginning:
Thence leaving said north line South 02 degrees 06 minutes 32 seconds West 226.21 feet to the beginning of a non-tangent curve concave to the southeast having a radius of 465.00 feet and to which beginning a radial line bears North 01 degrees 40 minutes 22 seconds West; Thence on said curve Southwesterly 131.16 feet through a central angle of 16 degrees 09 minutes 39 seconds; Thence on a tangent line South 72 degrees 09 minutes 59 seconds West 55.95 feet to the beginning of a curve concave to the southeast and having a radius of 515.00 feet; Thence on said curve Southwesterly 50.53 feet through a central angle of 05 degrees 37 minutes 18 seconds; Thence on a tangent line South 66 degrees 32 minutes 41 seconds West 80.23 feet to the beginning of a curve concave to the northwest and having a radius of 200.00 feet; Thence on said curve Westerly 89.28 feet through a central angle of 25 degrees 34 minutes 32 seconds; Thence on a tangent line North 87 degrees 52 minutes 48 seconds West 17.12 feet; Thence North 02 degrees 12 minutes 48 seconds East 345.90 feet to the north line of said Lot 2; Thence on said north line South 87 degrees 53 minutes 28 seconds East 402.33 feet to the Point of Beginning, containing 2.63 acres, more or less.

SUBJECT TO all rights-of-way and easements of records.

NOTE: CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS & DEPTHS AND NOTIFY ENGINEER OF ANY INACCURACIES IN LOCATION OR ELEVATION OR ANY CONFLICTS PRIOR TO & AFTER ANY EXCAVATION. NO PAYMENT SHALL BE MADE TO CONTRACTOR FOR UTILITY DESTRUCTION OR UNDERGROUND CHANGES REQUIRED DUE TO CONFLICTING ELEVATIONS.

revisions:

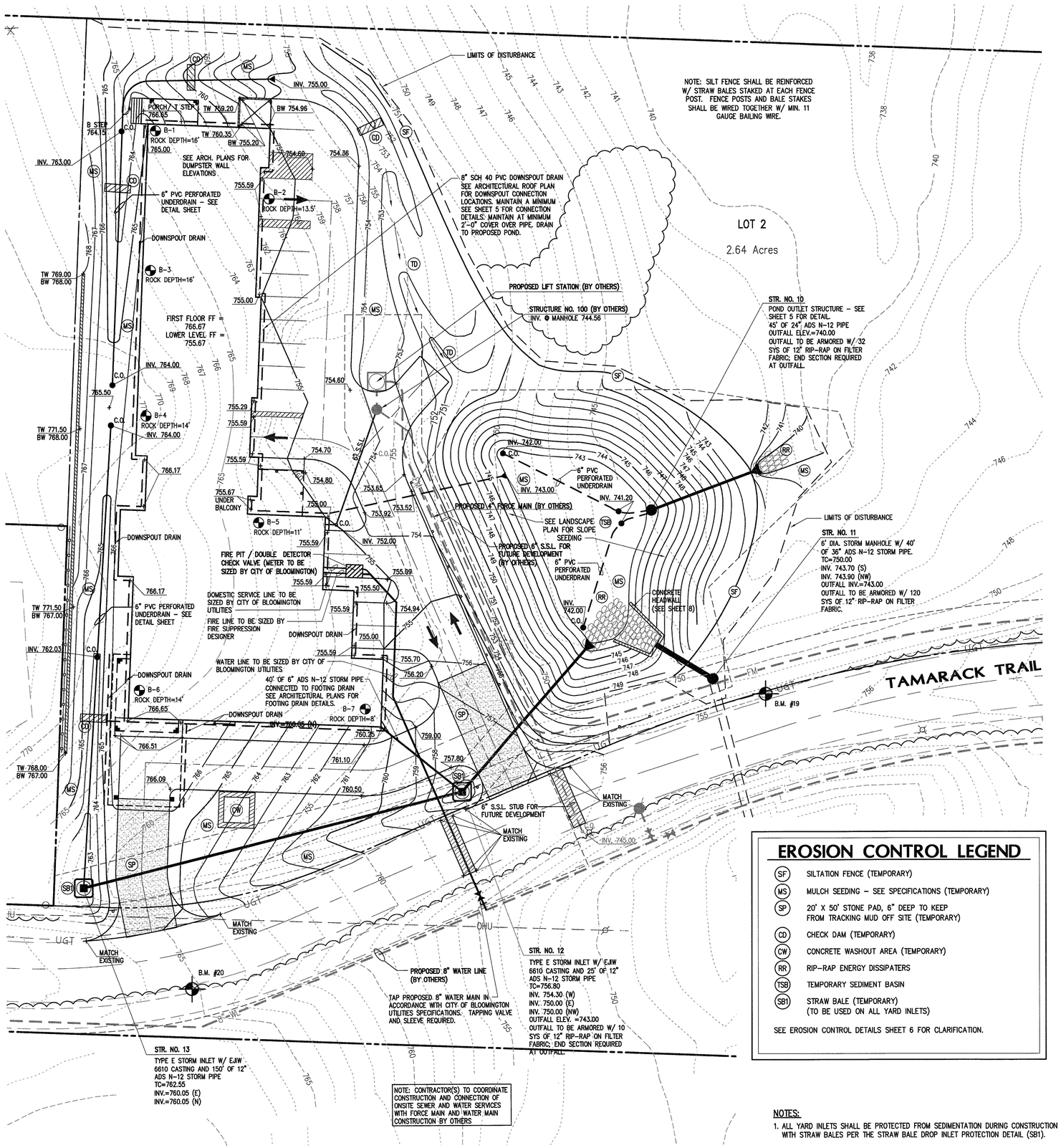
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ANDREW M. SCALES REGISTERED NO. 10606552 STATE OF INDIANA PROFESSIONAL ENGINEER
06/12/07
certified by:

Proposed:
JILL'S HOUSE
751 Tamarack Trail
Bloomington Indiana

title: DEMOLITION AND SITE PLAN

designed by: AMS, EJF
drawn by: EJF
sheet no: 2 OF 8
project no.: 4006100



UTILITY AND GRADING LEGEND

PROPOSED 8" DIP WATER LINE	
PROPOSED WATER VALVE	
PROPOSED 8" CAP AND VALVE	
PROPOSED FLUSH HYDRANT (FH)	
PROPOSED FIRE PIT / DOUBLE DETECTOR CHECK VALVE (BY THE CITY OF BLOOMINGTON UTILITIES)	
PROPOSED 8" PVC SANITARY SEWER AND SANITARY SEWER MANHOLE	LINE "S-X"
PROPOSED 6" SANITARY LATERAL AND SANITARY SEWER CLEAN-OUT	6" SSL — C.O.
PROPOSED STORM PIPE INLET END SECTION	
PROPOSED RIP-RAP ON FILTER FABRIC AND END SECTION	RR
PROPOSED CONTOUR	XXX
PROPOSED TOP OF WALL ELEVATION / PROPOSED BOTTOM OF WALL ELEVATION	TW XXX.XX / BW XXX.XX
PROPOSED SPOT GRADE ELEVATION	XXX.XX
FINISH FLOOR ELEVATION	FF=XXX.XX
FINISH BASEMENT ELEVATION (ASSUMING SLAB ON GRADE CONSTRUCTION)	F.B.=XXX.XX
FORCE MAIN (BY OTHERS)	FM

NOTE: ALL WATER AND SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF BLOOMINGTON UTILITY SPECIFICATIONS.

GENERAL LEGEND

PROPERTY LINE	
DEED BOOK AND PAGE	XXX/XXX
TO BE REMOVED	T.B.R.
TO REMAIN UNDISTURBED.	T.R.U.
SETBACK LINE	X' SBL
PROPOSED 12' X 12' DUMPSTER PAD SURROUNDED BY MASONRY WALL WITH GATE - SEE ARCH. PLANS FOR MATERIALS AND HEIGHT	
SANITARY SEWER EASEMENT	S.S.E.
GAS EASEMENT	G.E.
WATER LINE EASEMENT	W.L.E.
ELECTRIC EASEMENT	E.E.
DRAINAGE EASEMENT	D.E.
UTILITY EASEMENT	U.E.

EXISTING LEGEND

EXISTING FENCE	
EXISTING WATER LINE	W
EXISTING OVERHEAD ELECTRIC AND TELEPHONE LINES	OHE+OHT
EXISTING UNDERGROUND ELECTRIC AND TELEPHONE LINES	UGE+UGT
EXISTING UNDERGROUND TELEPHONE LINES	UGT
EXISTING CONTOUR	XXX
FLOW LINE	
EXISTING LIGHT POLE	
EXISTING UTILITY POLE	
EXISTING DECIDUOUS TREE	
EXISTING GYE WIRE	
EXISTING STREET SIGN	

EROSION CONTROL LEGEND

SF	SILTATION FENCE (TEMPORARY)
MS	MULCH SEEDING - SEE SPECIFICATIONS (TEMPORARY)
SP	20' X 50' STONE PAD, 6" DEEP TO KEEP FROM TRACKING MUD OFF SITE (TEMPORARY)
CD	CHECK DAM (TEMPORARY)
CW	CONCRETE WASHOUT AREA (TEMPORARY)
RR	RIP-RAP ENERGY DISSIPATERS
TSB	TEMPORARY SEDIMENT BASIN
SB1	STRAW BALE (TEMPORARY) (TO BE USED ON ALL YARD INLETS)

SEE EROSION CONTROL DETAILS SHEET 6 FOR CLARIFICATION.

NOTES:

1. ALL YARD INLETS SHALL BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION WITH STRAW BALES PER THE STRAW BALE DROP INLET PROTECTION DETAIL (SB1).

NOTE: CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS & DEPTHS AND NOTIFY ENGINEER OF ANY INACCURACIES IN LOCATION OR ELEVATION OR ANY CONFLICTS PRIOR TO & AFTER ANY EXCAVATION. NO PAYMENT SHALL BE MADE TO CONTRACTOR FOR UTILITY DESTRUCTION OR UNDERGROUND CHANGES REQUIRED DUE TO CONFLICTING ELEVATIONS.

20 0 20 40
Scale 1" = 20 ft

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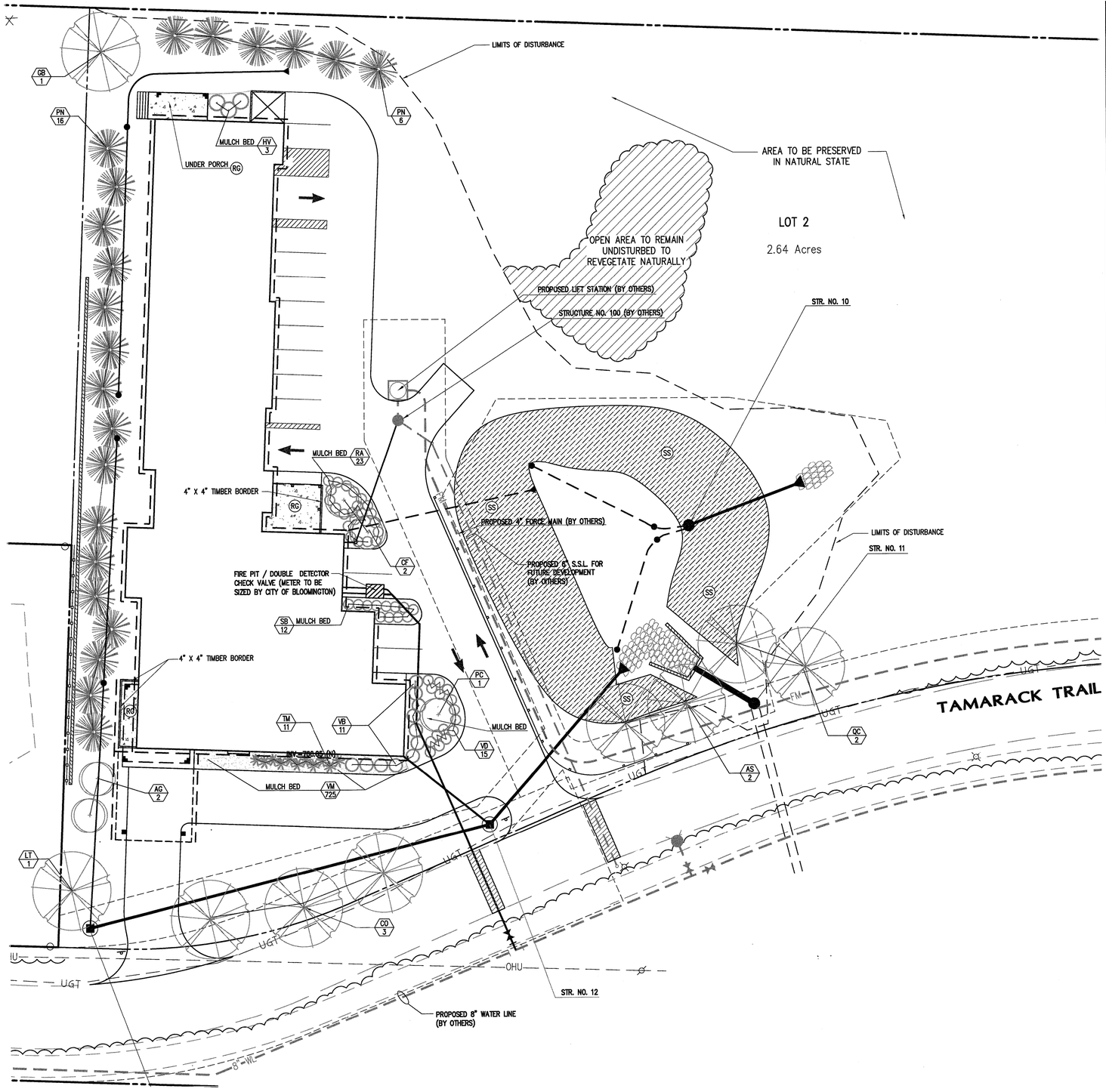
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ANDREW M. SCALES
REGISTERED
NO. 10606552
STATE OF INDIANA
PROFESSIONAL ENGINEER
04/12/07
certified by:

Proposed:
JILL'S HOUSE
751 Tamarack Trail
Bloomington Indiana

title: GRADING, UTILITY AND EROSION CONTROL PLAN

designed by: AMB
drawn by: JR, EJF
sheet no: 3 of 8
project no.: 4006100



PLANT LIST

SYMBOL	MARK	BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE & CONDITION	SPACING	SPECIE (D) VALUE	TOTAL (D) VALUE
			LARGE DECIDUOUS TREES					
	AS	ACER SACCHARUM 'GREEN MOUNTAIN'	GREEN MOUNTAIN SUGAR MAPLE	2	2" CAL., B & B	SEE PLAN	35	70
	CO	CELTIS OCCIDENTALIS	COMMON HACKBERRY	3	2" CAL., B & B	SEE PLAN	35	105
	GB	GINKGO BILOBA	GINKGO	1	2" CAL., B & B MALE SPECIMEN	SEE PLAN	30	30
	LT	LIRIODENRON TULIPIFERA	TULIP TREE (TULIP POPLAR)	1	2" CAL., B & B	SEE PLAN	35	35
	QC	QUERCUS COCCINEA	SCARLET OAK	2	2" CAL., B & B	SEE PLAN	35	70
			DECIDUOUS ORNAMENTAL AND SMALL STREET TREES					
	AG	AMELANCHIER X GRANDIFLORA 'ROBIN HILL'	ROBIN HILL SERVICEBERRY	2	7' HEIGHT, B & B MULTI-STEM, 3 CANES MIN.	SEE PLAN	20	40
	CF	CORNUS FLORIDA 'CHEROKEE CHIEF'	CHEROKEE CHIEF DOGWOOD	2	2" CAL., B & B	SEE PLAN	20	40
	PC	PYRUS CALLERYANA 'CLEVELAND SELECT'	CLEVELAND SELECT PEAR	1	2" CAL., B & B	SEE PLAN	20	20
			NARROWLEAF EVERGREEN TREES					
	PN	PINUS NIGRA	AUSTRIAN PINE	22	6-7' HEIGHT, B & B	SEE PLAN	30	660
			DECIDUOUS AND BROADLEAF EVERGREEN SHRUBS					
	HV	HAMAMELIS VERNALIS	VERNAL WITCH HAZEL	3	36" HEIGHT*	SEE PLAN	5	15
	RA	RHUS AROMATICA 'GLO-LOW'	GLO-LOW FRAGRANT SUMAC	23	24" SPREAD*	SEE PLAN	5	115
	SB	SPIRAEA X BUMALDA 'GOLDFLAME'	GOLDFLAME SPIRAEA	12	18" HEIGHT, CONT.	SEE PLAN	3	36
	VB	VIBURNUM X BURDWOODII 'MOHAWK'	MOHAWK BURDWOOK VIBURNUM	7	30" HEIGHT*	SEE PLAN	5	35
	VD	VIBURNUM DENTATUM 'RASTZAM'	RASPBERRY TART VIBRUNUM	15	24" HEIGHT, CONT.	SEE PLAN	5	75
			EVERGREEN SHRUBS					
	TM	TAXUS X MEDIA 'EVERLOW'	EVERLOW YEW	11	24" SPREAD*	3' O.C.	5	55
			GROUNDCOVERS, PERENNIALS & ANNUALS					
	VM	VINCA MINOR	PERIWINCKLE	725	8" LEADERS, PEAT POT, FLAT/50	8" O.C.	N/A	N/A

(SS) SLOPE STABILIZATION SEED MIX 1/4 ACRE PERMANENT GRASSES AS REFERED TO IN THE MOST RECENT JF NEW CATALOG (574.586.2412) OR EQUAL

(RG) 4" DEPTH WASHED RIVER GRAVEL OVER WEED BARRIER W/ 4" X 4" TREATED TIMBER BORDER WHERE SHOWN

*CONTAINER OR BALL AND BURLAP CONDITION ACCEPTABLE

NOTE: SPECIES SHOWN THAT ARE NOT LISTED IN THE CITY OF BLOOMINGTON ZONING ORDINANCE CHAPTER 20.06 TABLES OF RECOMMENDED PLANT MATERIALS ARE GIVEN BOTANICALLY COMPARABLE DENSITY VALUES.

REQUIRED (D) VALUE: 684
SUBTOTAL: 1,401
STREET TREES - 280
TOTAL (D) VALUE: 1,121

GENERAL LEGEND

PROPERTY LINE	
DEED BOOK AND PAGE	XXX/XXX
TO BE REMOVED	T.B.R.
TO REMAIN UNDISTURBED.	T.R.U.
SETBACK LINE	X' SBL
PROPOSED 12' X 12' DUMPSTER PAD SURROUNDED BY MASONRY WALL WITH GATE - SEE ARCH. PLANS FOR MATERIALS AND HEIGHT	
SANITARY SEWER EASEMENT	S.S.E.
GAS EASEMENT	G.E.
WATER LINE EASEMENT	W.L.E.
ELECTRIC EASEMENT	E.E.
DRAINAGE EASEMENT	D.E.
UTILITY EASEMENT	U.E.

EXISTING LEGEND

EXISTING FENCE	x x x
EXISTING WATER LINE	W
EXISTING OVERHEAD ELECTRIC AND TELEPHONE LINES	OHE+OHT
EXISTING UNDERGROUND ELECTRIC AND TELEPHONE LINES	UGE+UGT
EXISTING UNDERGROUND TELEPHONE LINES	UGT
EXISTING CONTOUR	XXX
FLOW LINE	
EXISTING LIGHT POLE	
EXISTING UTILITY POLE	
EXISTING DECIDUOUS TREE	
EXISTING GYE WIRE	
EXISTING STREET SIGN	

20 0 20 40
Scale 1" = 20 ft

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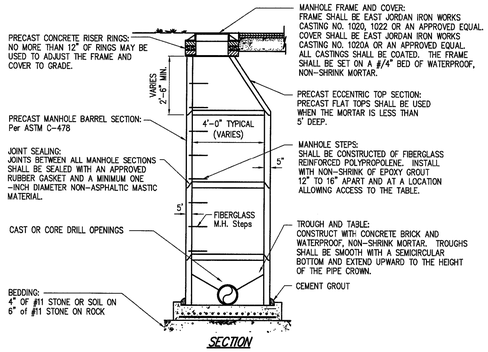
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ANDREW M. SAYLES REGISTERED NO. 10606552 STATE OF INDIANA PROFESSIONAL ENGINEER
02/12/07
certified by:

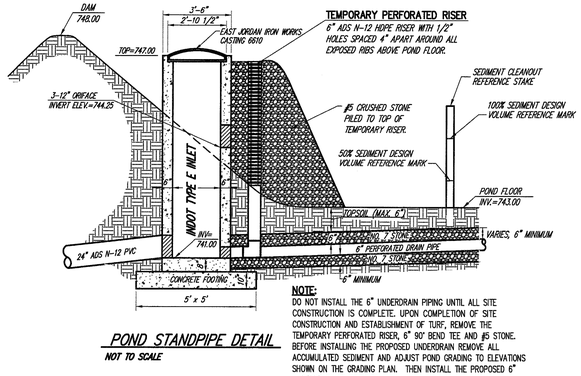
Proposed:
JILL'S HOUSE
751 Tamarack Trail
Bloomington Indiana

title: LANDSCAPE PLAN

designed by: EJF
drawn by: EJF
sheet no: 4 of 8
project no.: 4006100

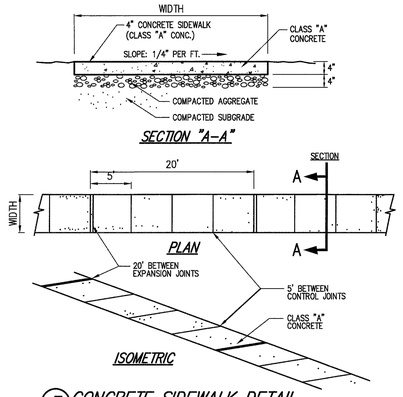


TYPICAL STORM MANHOLE
NOT TO SCALE

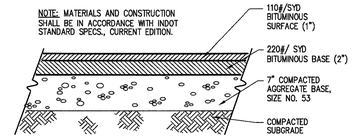


POND STANDPIPE DETAIL
NOT TO SCALE

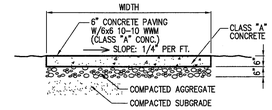
NOTE:
DO NOT INSTALL THE 6" UNDERDRAIN PIPING UNTIL ALL SITE CONSTRUCTION IS COMPLETE. UPON COMPLETION OF SITE CONSTRUCTION AND ESTABLISHMENT OF TURF, REMOVE THE TEMPORARY PERFORATED RISER, 6" 90° BEND TEE AND #5 STONE. BEFORE INSTALLING THE PROPOSED UNDERDRAIN REMOVE ALL ACCUMULATED SEDIMENT AND ADJUST POND GRADING TO ELEVATIONS SHOWN ON THE GRADING PLAN. THEN INSTALL THE PROPOSED 6" UNDERDRAIN AS DETAILED.



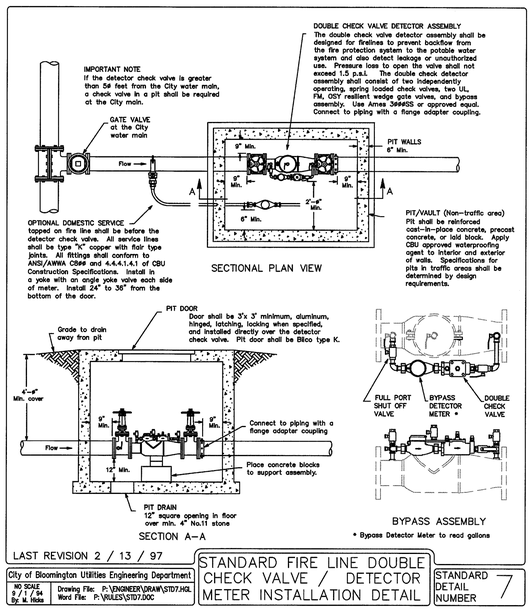
(F) CONCRETE SIDEWALK DETAIL
NOT TO SCALE

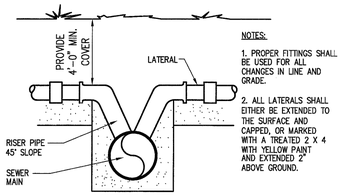


(A) BITUMINOUS PAVING DETAIL
NOT TO SCALE

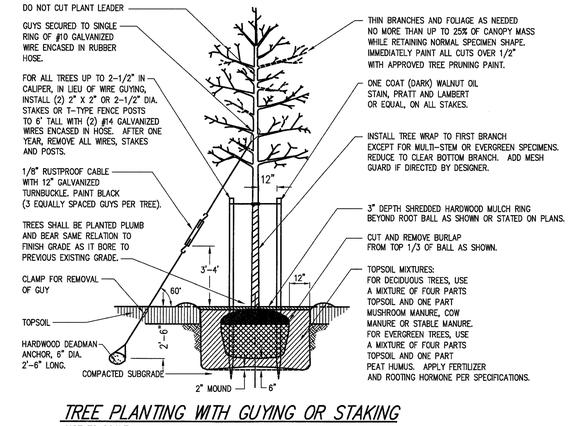


(C) 6" CONCRETE PAVEMENT
NOT TO SCALE

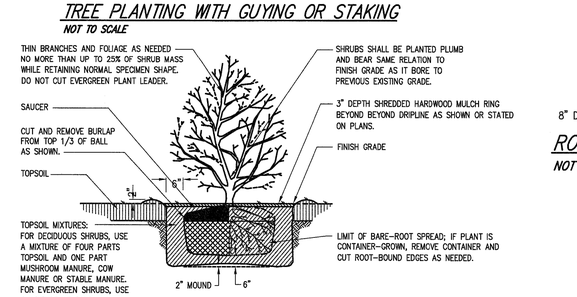




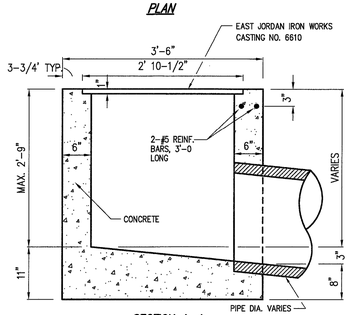
SEWER LATERAL CONNECTION
NOT TO SCALE



TREE PLANTING WITH GUYING OR STAKING
NOT TO SCALE

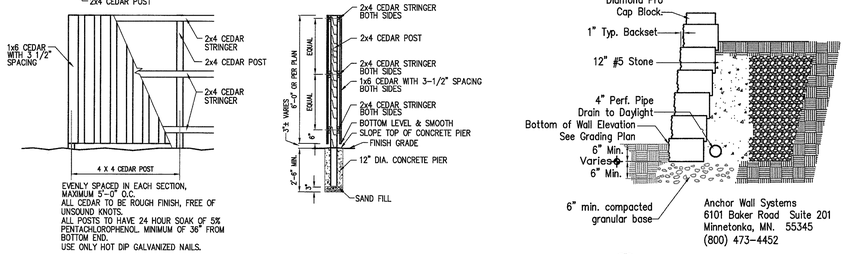


SHRUB PLANTING
NOT TO SCALE

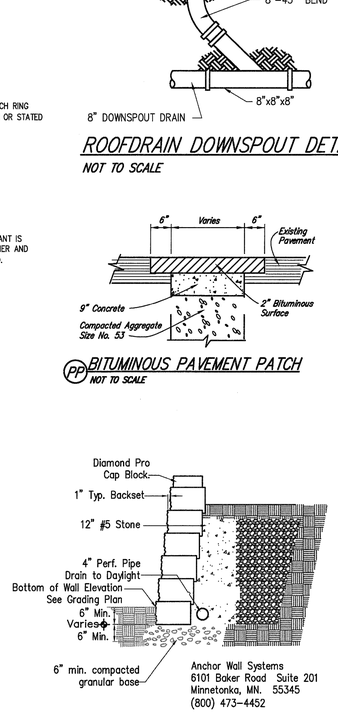


NOTES:
1. ALL PRECAST MANHOLES SHALL CONFORM TO ASTM C-478 AND THE STANDARD SPECIFICATIONS (MIN. SQ. FT. OF REINFORCING STEEL PER LINEAR FOOT OF BARREL SHALL 0.12).
2. JOINTS BETWEEN SECTIONS OF PRECAST MANHOLES SHALL BE IN ACCORDANCE WITH ASTM C-443.

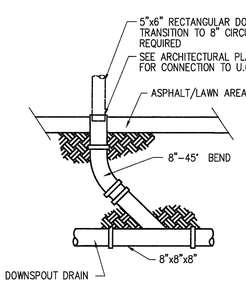
STORM INLET, INDOT TYPE "E"
NOT TO SCALE



(WB) HIGH OPAQUE WOOD FENCE DETAIL
NOT TO SCALE



(RW) RETAINING WALL DETAIL
NOT TO SCALE



ROOFDRAIN DOWNSPOUT DETAIL
NOT TO SCALE

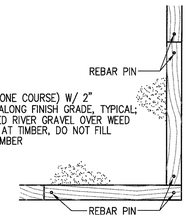
(PP) BITUMINOUS PAVEMENT PATCH
NOT TO SCALE



(R1-1) STOP SIGN
NOT TO SCALE

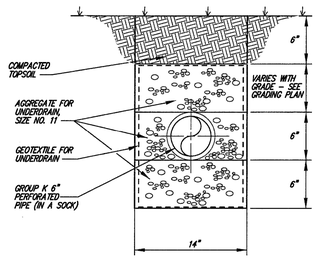
* MINIMUM SIZES FOR NORMAL INSTALLATION; LARGER SIZES MAY BE NEEDED FOR FREEWAYS, ABOVE AVERAGE SPEEDS, AND OTHER CRITICAL CONDITIONS. FOR PROPER PROPORTION, SEE "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS" (AVAILABLE FROM FHWA, HTO-2D, WASHINGTON, D.C. 20590)

(32) ELONGATED ARROWS FOR PAVEMENT MARKINGS
NOT TO SCALE

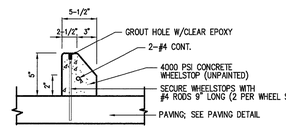


PLAN VIEW

(RT) TIMBER LANDSCAPE BORDER DETAIL
NOT TO SCALE



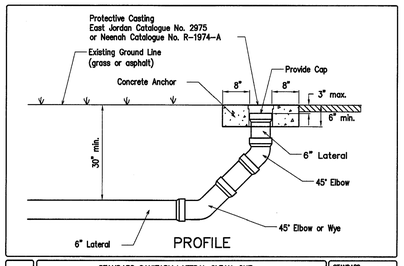
TYPICAL UNDERDRAIN FOR POND AND WEST SIDE OF BUILDING
NOT TO SCALE



(PB) CONCRETE PARKING BUMPER
NOT TO SCALE

SANITARY LATERAL & CLEANOUT NOTES

1. ALL CLEAN-OUTS, WEATHER IN GRASSY AREAS OR IN PAVEMENT, SHALL BE SUB-SURFACE AND PROTECTED BY A SUITABLE METAL CASTING, SUCH AS EAST JORDAN IRON WORKS CATALOGUE NO. 2975 OR NEENAH CATALOGUE NO. R-1974-A. IN GRASSY AREAS, THE CASTING SHALL BE PROVIDED WITH A CIRCULAR CONCRETE COLLAR FLUSH WITH THE TOP OF THE CASTING AND THE GROUND SURFACE. THE COLLAR SHALL BE MINIMUM 6" THICK AND SHALL EXTEND AT LEAST 6" BEYOND THE OUTSIDE OF THE CASTING ON ALL SIDES. IN PAVED AREAS, THE TOP OF CASTING SHALL BE FLUSH WITH THE PAVEMENT SURFACE. TOP OF CLEAN-OUT SHALL BE NO MORE THAN 3" BELOW THE TOP OF CASTING.
2. A CLEAN-OUT SHALL BE PROVIDED ON SANITARY SEWER LATERALS EVERY 90 FEET AND AT ALL BENDS.



revisions:

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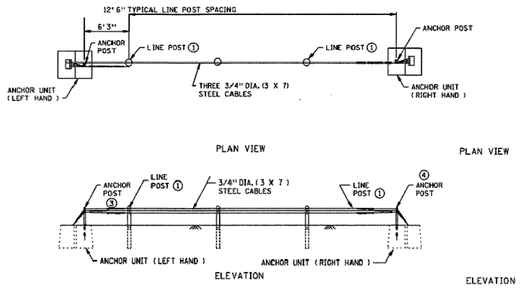
ANDREW M. SCALES
REGISTERED
NO. 10606552
STATE OF INDIANA
PROFESSIONAL ENGINEER
01/12/07
certified by:

Proposed:
JILL'S HOUSE
751 Tamarack Trail
Bloomington Indiana

title: MISCELLANEOUS DETAILS

designed by: AMP
drawn by: EJF
sheet no: 5 of 8
project no.: 4006100

NOTE: CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS & DEPTHS AND NOTIFY ENGINEER OF ANY INACCURACIES IN LOCATION OR ELEVATION OR ANY CONFLICTS PRIOR TO & AFTER ANY EXCAVATION. NO PAYMENT SHALL BE MADE TO CONTRACTOR FOR UTILITY DESTRUCTION OR UNDERGROUND CHANGES REQUIRED DUE TO CONFLICTING ELEVATIONS.



TYPICAL INTERMEDIATE ANCHORAGE ASSEMBLY

NOTES:

THE FOLLOWING CRITERIA SHALL APPLY TO CABLE SYSTEMS.

ON TANGENTS AND ON THE OUTSIDE OF HORIZONTAL CURVES:
FOR INDIVIDUAL CABLE RUNS:
- UP TO 1,000 FEET, USE A TURNBUCKLE ON ONE END OF THE RUN AND A COMPENSATING DEVICE ON THE OTHER END.

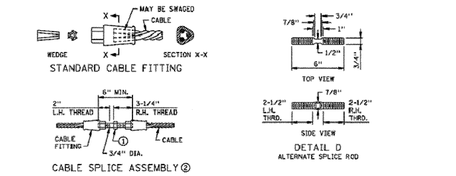
SEE STANDARD PLATE 8333 (SHEET 4), DETAIL "A" STEEL TURNBUCKLE CABLE END ASSEMBLY AND DETAIL "B" SPRING CABLE END ASSEMBLY (COMPENSATING DEVICE).

① ALL LINE POSTS ARE 5-1/2" DIA. (4-3/4" TO 6-1/4") X 6'-0" TREATED WOOD. FOR HARDWARE DETAILS SEE SHEET 2. POSTS MAY BE DOMED OR STRAIGHT CUT, HOWEVER, DO NOT MIX TYPES IN A SINGLE RUN OF GUARDRAIL.

② CABLE SPACING TRANSITIONS FROM STEEL POST TO WOOD POST SPACING BETWEEN ANCHOR POST AND FIRST LINE POST.

④ SEE 3-CABLE GUARDRAIL ANCHOR ON STANDARD PLATE 8333 FOR ANCHOR POST DETAIL.

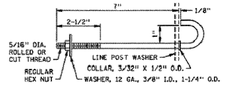
3 - CABLE GUARDRAIL WITH WOOD POSTS DETAILS



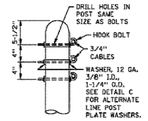
STANDARD CABLE FITTING

CABLE SPLICE ASSEMBLY ②

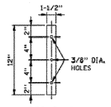
DETAIL D
ALTERNATE SPLICE ROD



HOOK BOLT



LINE POST ASSEMBLY



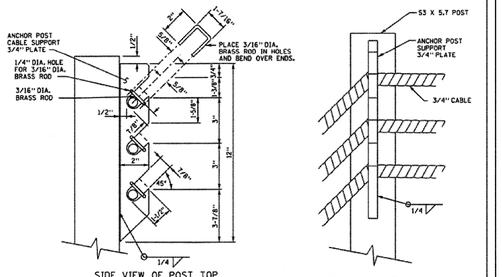
DETAIL C
LINE POST PLATE WASHER
5/16" X 1-1/2" X 12"

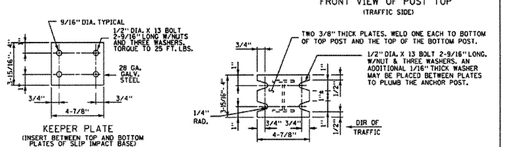
NOTES:

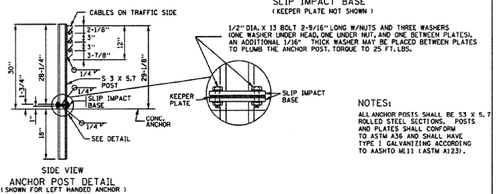
① SQUARE NUT OR REGULAR HEX NUT RUN ON TO MAX. OF RH. THREAD AND SPOT WELDED 4 SPOTS 90° APART ON BOTH SIDES OF NUT (SEE DETAIL D FOR ALTERNATE SPLICE ROD).

② STAGGER CABLE SPLICES. PROVIDE A MINIMUM OF (20 FT.) BETWEEN ANY PAIR. PROVIDE A MINIMUM OF (100 FT.) BETWEEN CABLE SPLICES ON THE SAME CABLE.

3 - CABLE GUARDRAIL WITH WOOD POSTS DETAILS





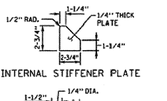


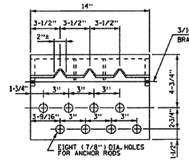
1/2" DIA. X 13 BOLT 2-9/16" LONG W/NUTS AND THREE WASHERS (ONE WASHER UNDER HEAD, ONE UNDER NUT, AND ONE BETWEEN PLATES), AN ADDITIONAL 1/16" THICK WASHER MAY BE PLACED BETWEEN PLATES TO PLUMB THE ANCHOR POST; TORQUE TO 25 FT.-LBS.

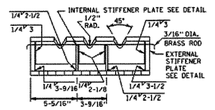
NOTES:

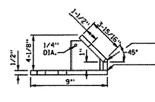
ALL ANCHOR POSTS SHALL BE 5 3 X 5.7 ROLLED STEEL SECTIONS. POSTS AND PLATES SHALL CONFORM TO ASTM A36 AND SHALL HAVE TYPE I GALVANIZING ACCORDING TO AASHTO M111 (ASTM A123).

3 - CABLE GUARDRAIL ANCHOR POST DETAILS







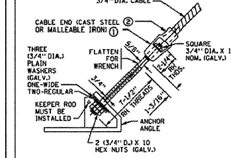


ANCHOR ANGLE DETAILS

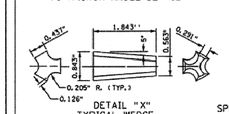
NOTES:

ALTERNATE METHODS OF FABRICATING ANCHOR ANGLES SHALL BE SUBMITTED FOR APPROVAL.

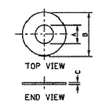
3 - CABLE GUARDRAIL ANCHOR ANGLE DETAILS



CABLE END ASSEMBLY TO ANCHOR ANGLE DETAIL

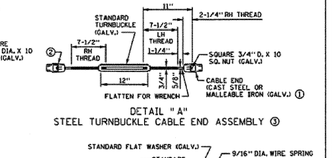


DETAIL "X"
TYPICAL WEDGE USE FOR TURNBUCKLE CABLE END ASSEMBLY AND COMPENSATING DEVICE.
(DO NOT GALVANIZE)

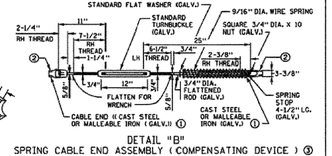


WASHER DETAIL

WASHER	WASHER SERIES	A INSIDE DIA. (in.) MAX.	A INSIDE DIA. (in.) MIN.	B OUTSIDE DIA. (in.) MAX.	B OUTSIDE DIA. (in.) MIN.	C THICKNESS (in.) MAX.	C THICKNESS (in.) MIN.
3/4"	REGULAR WIDE	0.879	0.858	1.969	1.844	0.181	0.138
		0.879	0.858	2.598	2.551	0.201	0.157
1/2"	NARROW	0.534	0.524	1.000	0.938	0.110	0.079



DETAIL "A"
STEEL TURNBUCKLE CABLE END ASSEMBLY ③



DETAIL "B"
SPRING CABLE END ASSEMBLY (COMPENSATING DEVICE) ③

NOTES:

3/4" ROUND WIRE CABLE SHALL CONSIST OF THREE STRANDS (7 WIRES PER STRAND) AND HAVE A MINIMUM TENSILE STRENGTH OF 25 KIPS.

AT ALL LOCATIONS WHERE THE CABLE IS CONNECTED TO A CABLE SOCKET WITH A WEDGE TYPE CONNECTION, ONE WIRE OF THE WIRE ROPE SHALL BE CRIMPED OVER THE BASE OF THE WEDGE TO HOLD IT FIRMLY IN PLACE.

DESIGNS FOR A STEEL TURNBUCKLE CABLE END ASSEMBLY OR SPRING CABLE END ASSEMBLY SHALL BE SUBMITTED FOR APPROVAL. COMPENSATING DEVICES MUST HAVE A SPRING RATE OF 456 LBS./INCH ± 46 LBS./INCH AND A TOTAL AVAILABLE "THROW" OF 8" MIN.

① WIRE ROPE CONNECTING HARDWARE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M269. THE ROPE, WITH CONNECTING HARDWARE ATTACHED, SHALL DEVELOP THE FULL STRENGTH OF A SINGLE CABLE (25 KIPS). CAST STEEL COMPONENTS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M103 (ASTM A27) GRADE 70-40 CLASS 1.

② ALL CABLE ENDS AND SPLICES SHALL BE DESIGNED TO USE THE WEDGE SHOWN IN DETAIL "A" AND SHALL DEVELOP THE FULL STRENGTH OF THE 3/4" ROUND CABLE (25 KIPS). THE CABLE ENDS AND SPLICES SHALL HAVE A HOT DIPPED GALVANIZED COATING MEETING AASHTO M30, TYPE 1, CLASS A.

③ THE FOLLOWING CRITERIA SHALL APPLY TO CABLE SYSTEMS.
ON TANGENTS AND ON THE OUTSIDE OF HORIZONTAL CURVES:
FOR INDIVIDUAL CABLE RUNS:
- UP TO 1,000 FEET, USE A TURNBUCKLE ON ONE END OF THE RUN AND A COMPENSATING DEVICE ON THE OTHER END.

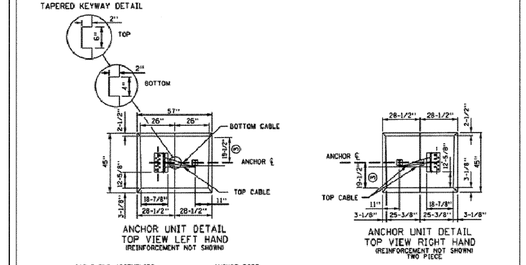
SEE STANDARD PLATE 8331 (SHEET 1 NOTES).

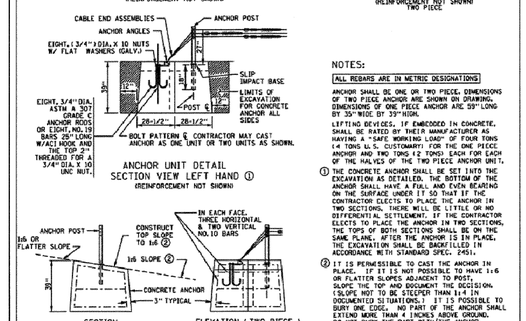
PRIOR TO FINAL ACCEPTANCE THE FOLLOWING VALUES SHALL BE USED TO TIGHTEN THE TURNBUCKLES, DEPENDING ON THE TEMPERATURE AT THE TIME OF THE ADJUSTMENT.

TEMPERATURE (DEGREES FAHRENHEIT)												
122 TO 109	108 TO 100	99 TO 90	89 TO 81	80 TO 71	70 TO 61	60 TO 51	50 TO 41	40 TO 31	30 TO 19	18 TO 10	9 TO 0	-2 TO -9	-11 TO -20

SPRING COMPRESSION FROM UNLOADED POSITION IN EACH SPRING IN INCHES
1" 1-1/4" 1-1/2" 1-3/4" 2" 2-1/4" 2-1/2" 2-3/4" 3" 3-1/4" 3-1/2" 3-3/4" 3-15/16" 4-1/4"

3 - CABLE GUARDRAIL ANCHOR CABLE END DETAILS





NOTES:

ALL REBARS ARE IN METRIC DESIGNATIONS

ANCHOR SHALL BE ONE OR TWO PIECE. DIMENSIONS OF TWO PIECE ANCHOR ARE SHOWN ON DRAWING. DIMENSIONS OF ONE PIECE ANCHOR ARE 59" LONG BY 35" WIDE BY 39" HIGH.

LIFTING DEVICES, IF EMBEDDED IN CONCRETE, SHALL BE RATED BY THEIR MANUFACTURER AS HAVING A "SAFE WORKING LOAD" OF FOUR TONS I-4 TONS U. S. CUSTOMARY) FOR THE ONE PIECE ANCHOR AND TWO TONS (2 TONS) EACH FOR EACH OF THE HALVES OF THE TWO PIECE ANCHOR UNIT.

① THE CONCRETE ANCHOR SHALL BE SET INTO THE EXCAVATION AS DETAILED. THE BOTTOM OF THE ANCHOR SHALL HAVE A FULL AND EVEN BEARING ON THE SURFACE UNDER IT SO THAT IF THE CONTRACTOR ELECTS TO PLACE THE ANCHOR IN TWO SECTIONS, THERE WILL BE LITTLE OR NO DIFFERENTIAL SETTLEMENT. IF THE CONTRACTOR ELECTS TO PLACE THE ANCHOR IN TWO SECTIONS, THE TOPS OF BOTH SECTIONS SHALL BE ON THE SAME PLANE. AFTER THE ANCHOR IS IN PLACE, THE EXCAVATION SHALL BE BACKFILLED IN ACCORDANCE WITH STANDARD SPEC. 2451.

② IT IS PERMISSIBLE TO CAST THE ANCHOR IN PLACE. IF IT IS NOT POSSIBLE TO HAVE 1:6 OR FLATTER SLOPES ADJACENT TO POST, SLOPE THE TOP AND DOCUMENT THE DECISION. (SLOPE NOT TO BE STEEPER THAN 1:4 IN DOCUMENTED SITUATIONS.) IT IS POSSIBLE TO BURY ONE EDGE, NO PART OF THE ANCHOR SHALL EXTEND MORE THAN 4 INCHES ABOVE GROUND. DO NOT BURY THE PART WITH THE ANCHOR ANGLE NOTCHES THAT CABLES RIDE ON TO.

③ 19 3/4" ACTUAL DISTANCE ON 1:6 SLOPE.

3 - CABLE GUARDRAIL ANCHOR DETAILS

NOTE: CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS & DEPTHS AND NOTIFY ENGINEER OF ANY INACCURACIES IN LOCATION OR ELEVATION OR ANY CONFLICTS PRIOR TO & AFTER ANY EXCAVATION. NO PAYMENT SHALL BE MADE TO CONTRACTOR FOR UTILITY DESTRUCTION OR UNDERGROUND CHANGES REQUIRED DUE TO CONFLICTING ELEVATIONS.

revisions:

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REGISTERED
NO. 10606552
STATE OF INDIANA
PROFESSIONAL ENGINEER
01/12/07
certified by:

Proposed:
JILL'S HOUSE
751 Tamarack Trail
Bloomington Indiana

title: MISCELLANEOUS DETAILS

designed by: AMP
drawn by: EJF
sheet no: 6 of 8
project no.: 4006100

RULE 5 NARRATIVE

- OWNER & DEVELOPER: JILL'S HOUSE, INC. C/O WEDDLE BROTHERS CONSTRUCTION CO. 1201 W. THIRD STREET BLOOMINGTON, INDIANA 47402
- JILL'S HOUSE consists of a Residential development on 2.64 acres.
- There is no presence of 100 year floodplains, floodway fringes, or floodways.
- Adjacent areas consist of:
  - Existing retirement community to east
  - Single Family home sites and undeveloped property to the north, south and west
- No natural water features exist on site
- The ultimate receiving water for the project is Lake Griffy.
- There are zero (0) sink holes on site.
- Calculations for peak discharge:
  - 100 year pre-developed: _____ cfs
  - 100 year post-developed: _____ cfs
- Hydraulic unit code – 05120202010070.
- No state or federal water quality permits other than Rule 5 will be required.
- Potential pollutant sources associated with construction:

Pollutant		Source
Sedimentation	Particulates	Mass grading activities
Hydrocarbons	Petroleum	Fuel, oil, antifreeze leaks and /or spills
	Trash	Debris from individual home construction.
	Concrete	Waste from individual home construction

- Potential pollutant sources post construction:

Pollutant		Source
Sedimentation	Particulates	Pavement wear, vehicles, the atmosphere and maintenance activities
Nutrients	Nitrogen & Phosphorus	Atmosphere and fertilizer application
Heavy Metals	Lead	Leaded gasoline from auto exhausts and tire wear
	Zinc	Tire wear, motor oil and grease
	Iron	Auto body rust, steel highway structures such as bridges and guardrails, and moving engine parts
	Copper	Metal plating, bearing and brushing wear, moving engine parts, brake lining wear, fungicides and insecticides
	Cadmium	Tire wear and insecticide application
	Chromium	Metal plating, moving engine parts and brake lining wear
	Nickel	Diesel fuel and gasoline, lubricating oil, metal plating, bushing wear, brake lining wear and asphalt paving
	Manganese	Moving engine parts
	Cyanide	Anti-caking compounds used to keep deicing salt granular
	Sodium, Calcium & & Chloride	Deicing salts
	Sulfates	Roadway beds, fuel and deicing salts
Hydrocarbons	Petroleum	spills, leaks, antifreeze and hydraulic fluids and asphalt surface leachate

- Post construction pollutants will be treated by routing storm runoff through the proposed detention basins which will give the sediment a chance to settle out of the water before being discharged and allowed to flow along the natural ravine offsite.
- Material handling and spill prevention plan:
  - All erosion control measures shall be in place following the sequence of events outlined in the erosion control notes, on this sheet, before mass grading activities begin.
  - During construction all erosion control structures shall be inspected and maintained in accordance of the details on sheets 8 and 9 of these construction plans.
  - No materials shall be stored onsite.
  - All construction equipment shall be inspected regularly and proper preventative maintenance performed to prevent oil, fuel or antifreeze leakage.
  - All fueling and fluid changes shall be done on the stone layout pad using care to prevent spillage. If a spill should occur during fueling or fluid changes the contractor shall remove, properly dispose of and replace the contaminated stone.
  - During individual home construction the home contractor shall keep all construction materials stored neatly and securely. Construction waste shall be picked up and disposed of daily.
  - During individual home construction the home contractor shall construct and and maintain a concrete washout area as shown on the erosion control detail plan for individual home construction and detailed on sheet 9. This area shall be the only area that concrete trucks may washout after competing their delivery.
- Maintenance Plan
  - All detention ponds, and associated outlet structures shall be inspected bi-annually to ensure that all are working properly. If any damage or problems are discovered they shall be repaired or replaced immediately. If excess sedimentation has occurred in the post six (6) months, said sediment shall be removed and properly disposed of. During construction the contractor shall be responsible for these duties. After construction has been completed, the responsibility of inspection and maintenance shall go to the owner.



SOILS MAP

SCALE: 1" = 1/4 MILE

CaD – Caneyville silt loam, 12 to 18 percent slopes.
This strongly sloping, moderately deep, well drained soil is on side slopes of the uplands. Areas are generally elongated. They range from 3 to 200 acres and have a dominant size of about 40 acres.
The available water capacity for this Caneyville soil is low, and permeability is moderately slow. Surface runoff from cultivated areas is rapid. The organic matter content of the surface layer is moderate.
This soil is severely limited for dwellings without basements because of slope. It is severely limited for dwellings with basements because of depth to rock and slope. This soil is severely limited for local roads and streets because of low strength and slope. The limitation for septic tank absorption fields is severe.

CrC – Crider silt loam, 6 to 12 percent slopes.
This moderately sloping, deep, well drained soil is on narrow and brood convex ridgetops of the uplands. Areas are generally elongated. They range from 3 to 200 acres and have a dominant size of about 40 acres.
The available water capacity of this Crider soil is high, and permeability is moderate. Runoff from cultivated areas is medium. The organic matter content of the surface layer is low.
This soil is moderately limited for dwellings with and without basements because of slope. This soil is severely limited for local roads and streets by low strength. Limitations are moderate for septic tank absorption fields because of slope and moderate permeability.

CrB – Crider silt loam 2 to 6 percent slopes.
This gently sloping, deep, well drained soil is on narrow and broad convex ridgetops on uplands. Areas are generally elongated. They range from 3 to 400 acres and have a dominant size of about 40 acres.
The available water capacity of this Crider soil is high, and permeability is moderate. Runoff from cultivated areas is medium. The organic matter content of the surface layer is low.
This soil is slightly limited for dwellings. This soil is severely limited for local roads and streets because of low strength. The limitation for septic tank absorption fields is moderate because permeability is moderate.

SOIL LEGEND

Map symbols consist of a combination of letters or of letters and numbers. The first capital letter is the initial one of the map unit name. The lowercase letter that follows separates map units having names that begin with the same letter, except that it does not separate sloping or eroded phases. The second capital letter indicates the class of slope. Symbols without a slope letter are for nearly level soils or miscellaneous areas. A final number of 3 indicates that the soil is severely eroded.

SYMBOL	NAME
AfB	Alford silt loam, 2 to 6 percent slopes
Ba	Bartle silt loam
BdB	Bedford silt loam, 2 to 6 percent slopes
BkF	Berks-Weikert complex, 25 to 75 percent slopes
Bo	Bonnie silt loam
Bu	Burnside silt loam
CaD	Caneyville silt loam, 12 to 18 percent slopes
Cb	Caneyville–Hagerstown silt loams, karst
ChF	Chetwynd silt loam, 25 to 70 percent slopes
CoF	Corydon Variant–Caneyville Variant complex, 25 to 70 percent slopes
CrB	Crider silt loam, 2 to 6 percent slopes
CrC	Crider silt loam, 6 to 12 percent slopes
CrD	Crider silt loam, 12 to 18 percent slopes
CsC	Crider–Caneyville silt loams, 6 to 12 percent slopes
CtB	Crider–Urban land complex, 2 to 6 percent slopes
CtC	Crider–Urban land complex, 6 to 12 percent slopes
Cu	Cuba silt loam
EbE	Ebal–Gilpin–Hagerstown silt loams, 18 to 25 percent slopes
EdD	Ebal–Wellston–Gilpin silt loams 12 to 18 percent slopes
EkB	Elkinsville silt loam, 2 to 6 percent slopes
EkF	Elkinsville silt loam, upland, 20 to 40 percent slopes
GpD	Gilpin silt loam, 12 to 18 percent slopes
GrD	Gilpin–Gullied land complex, 12 to 22 percent slopes
HaC	Hagerstown silt loam, 6 to 12 percent slopes
HaD	Hagerstown silt loam, 12 to 18 percent slopes
HaE	Hagerstown silt loam, 18 to 25 percent slopes
HbD3	Hagerstown silty clay loam, 12 to 22 percent slopes, severely eroded
Hc	Hagerstown–Caneyville silt loams, karst
Hd	Haymond silt loam
HkF	Hickory silt loam, 25 to 70 percent slopes
HoA	Hosmer silt loam, 0 to 2 percent slopes
HoB	Hosmer silt loam, 2 to 6 percent slopes
HoC	Hosmer silt loam, 6 to 12 percent slopes
HtB	Hosmer–Urban land complex, 2 to 12 percent slopes
Iva	Iva silt loam, 0 to 3 percent slopes
MbB	Martinsville loam, 2 to 6 percent slopes
PaB	Parke silt loam, 2 to 6 percent slopes
PaC	Parke silt loam, 6 to 12 percent slopes
PcD	Parke–Chetwynd silt loam, 12 to 18 percent slopes
PeA	Pekin silt loam, 0 to 2 percent slopes
PeB	Pekin silt loam, 2 to 6 percent slopes
PeC	Pekin silt loam, 6 to 12 percent slopes
Po	Peoga silt loam
PrC	Princeton loam, 4 to 10 percent slopes
PrE	Princeton loam, 18 to 25 percent slopes
RcB	Ryker silt loam, 2 to 6 percent slopes
RcC	Ryker silt loam, 6 to 12 percent slopes
RcD	Ryker silt loam, 12 to 18 percent slopes
Sf	Steff silt loam
St	Stendal silt loam
Sx	Stonelick silt loam
TlA	Tilsit silt loam, 0 to 2 percent slopes
TlB	Tilsit silt loam, 2 to 6 percent slopes
Ua	Udorthents, loamy
Ud	Udorthents–Pits complex
Wa	Wakeland silt loam
WeC	Wellston silt loam, 6 to 12 percent slopes
WmC	Wellston–Gilpin silt loams, 6 to 20 percent slopes
Wo	Whitaker loam
Wr	Wilbur silt loam
ZnC	Zanesville silt loam, 6 to 12 percent slopes
Zo	Zipp silty clay loam
Zp	Zipp silty clay loam, frequently flooded
Zs	Zipp Variant silt loam

PRACTICE 3.25 ROCK CHECK DAM

REQUIREMENTS (Exhibit 3.25–B and C)
Contributing drainage area: 2 acres maximum.
Dam center: 2 ft. maximum height but at least 9 in. lower than the outer edges at natural ground elevation.
Dam side slope: 2:1 or flatter.
Distance between dams: Spaced so the toe of the upstream dam is the same elevation as the top of the downstream dam.
Overflow areas along channel: Stabilized to resist erosion.
Rock size: INDOT Revetment Riprap.

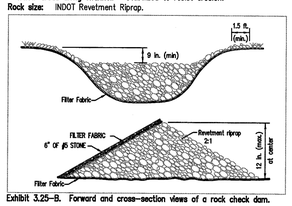


Exhibit 3.25–B. Forward and cross–section views of a rock check dam.

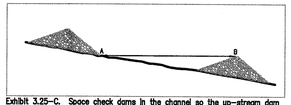


Exhibit 3.25–C. Space check dams in the channel so the up–stream dam toe elevation (A) and down–stream dam top elevation (B) are the same.

INSTALLATION
1. Excavate a cutoff trench into the ditch banks, and extend it a minimum of 18 in. beyond the abutments.
2. Place the rock in the cutoff trench and channel to the lines and dimensions shown in Exhibit 3.25–B—i.e., center a maximum of 2 ft. high yet 9 in. below where the dam abuts the channel banks.
3. Extend the rock at least 18 in. beyond the channel banks to keep overflow water from undercutting the dam as it re–enters the channel.
4. Install as many dams as necessary to satisfy the spacing requirement shown in Exhibit 3.25–C.
5. Stabilize the channel above the uppermost dam.
6. Recognizing that water will flow over and around the lowermost dam, protect the channel downstream from it with an erosion–resistant lining for a distance of 6 ft. unless the channel is protected through other means.

MAINTENANCE
- Inspect check dams and the channel after each storm event, and repair and damage immediately.
- If significant erosion occurs between dams, install a riprap liner in that portion of the channel (Practice 3.32).
- Remove sediment accumulated behind each dam as needed to maintain channel capacity, to allow drainage through the dam, and to prevent large flows from displacing sediment.
- Add rock to the dams as needed to maintain design height and cross section.
- When the dams are no longer needed, remove the rock and stabilize channel, using an erosion–resistant lining if necessary.

PRACTICE 3.16 RIPRAP

PURPOSE
- To protect slopes, streambanks, channels, or similar areas subject to erosion by water.

REQUIREMENTS
Rock: Hard, angular, and weather–resistant, having a specific gravity of at least 2.5.
Gradation: Well–graded stone, 50% (by weight) larger than the specified d_{50}; however, the largest pieces should not exceed two times the specified d_{50}, and no more that 15% of the pieces (by weight) should be less than 3 in.
Filter: Use geotextile fabric for stabilization and filtration or sand/gravel layer placed under all permanent riprap installations.
Slope: 2:1 or flatter, unless approved in the erosion and sediment control plan.
Minimum thickness: Two times the specified d_{50} stone diameter.

INSTALLATION (Exhibit 3.16–B)
SUBGRADE PREPARATION:
1. Remove brush, trees, stumps, and other debris.
2. Excavate only deep enough for both filter and riprap; over–excavation increases the amount of spoil considerably (Practice 3.32).
3. Compact any fill material to the density of the surrounding undisturbed soil.

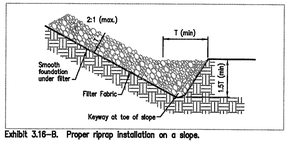


Exhibit 3.16–B. Proper riprap installation on a slope.

4. Cut a keyway in stable material at the base of the slope to reinforce the toe; keyway depth should be 1 1/2 times the design thickness of the rip–rap and should extend a horizontal distance equal to the design thickness.
5. Smooth the graded foundation.

FILTER PLACEMENT:
1. If using geotextile fabric, place it on the smoothed foundation, overlap The edges at least 12 in., and secure with anchor pins spaced every 3 ft. along the overlap. (For large riprap, consider a 4–in. layer of sand to protect the fabric.)
2. If using a sand/gravel filter, spread the well–graded aggregate in a uniform layer to the required thickness (6 in. minimum); if two or more layers are specified, place the layer of smaller gradation first, and avoid mixing the layers.

RIPRAP PLACEMENT:
1. Immediately after installing the filter, add the riprap to full thickness in one operation. (Do not dump through chutes or use any method that causes segregation of rock sizes or that will dislodge or damage the underlying filter material.)
2. If fabric is damaged, remove the riprap and repair by adding another layer of fabric, overlapping the damaged area by 12 in.
3. Place smaller rock in voids to form a dense, uniform, well–graded mass. (Selective loading at the quarry and some hand placement may be needed to ensure an even distribution of rock material.)
4. Blend the rock surface smoothly with the surrounding area to eliminate protrusions or overfalls.

MAINTENANCE
- Inspect periodically for displaced rock material, slumping, and erosion at edges, especially downstream or downslope. (Properly designed and installed riprap usually requires very little maintenance if promptly repaired.)

PRACTICE 3.01 TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT PAD

PURPOSE
- To provide a stable entrance/exit condition from the construction site.
- To keep mud and sediment off public roads.

REQUIREMENTS (Exhibit 3.01–B)
Material: 2–3 in. washed stone (INDOT CA No. 2) over a stable foundation.
Thickness: 6 in. minimum
Width: 20 ft. minimum or full width of entrance/exit roadway, whichever is greater.
Length: 50 ft. minimum. The length can be shorter for small sites such as for an individual home.
Washing facility (optional): Level area with 3 in. washed stone minimum or a commercial rack, and waste water diverted to a sediment trap or basin (Practice 3.72).
Geotextile fabric underliner: May be used under wet conditions or for soils within a high seasonal water table to provide greater bearing strength.

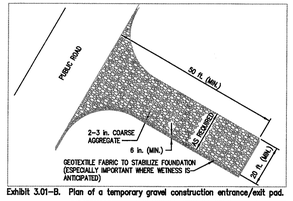


Exhibit 3.01–B. Plan of a temporary gravel construction entrance/exit pad.

INSTALLATION (Exhibit 3.01–C)
1. Avoid locating on steep slopes or at curves in public roads.
2. Remove all vegetation and other objectionable material from the foundation area, and grade and crown for positive drainage.
3. If slope towards the road exceeds 2%, construct a 6–8 in.–high water bar (ridge) with 3:1 side slopes across the foundation area about 15 ft. from the entrance to divert runoff away from the road (Practice 3.24) (see Exhibit 3.01–C).
4. Install pipe under the pad if needed to maintain proper public road drainage.
5. If wet conditions are anticipated, place geotextile fabric on the graded foundation to improve stability.
6. Place stone to dimensions and grade shown in the erosion/sediment control plan, leaving the surface smooth and sloped for drainage.
7. Divert all surface runoff and drainage from the stone pad to a sediment trap or basin.



Exhibit 3.01–C. Temporary construction entrance/exit pad with diversion ridge where grade exceeds 2%.

MAINTENANCE
- Inspect entrance pad and sediment disposal area weekly and after storm events or heavy use.
- Reshape pad as needed for drainage and runoff control.
- Top dress with clean stone as needed.
- Immediately remove mud and sediment tracked or washed onto public roads by brushing or sweeping. Flushing should only be used if the water is conveyed into a sediment trap or basin.
- Repair any broken road pavement immediately.

PRACTICE 3.54 STRAW BALE DROP INLET PROTECTION

PURPOSE
To capture sediment at the inlet to a storm drain, allowing full use of the drain system during the construction period.
(NOTE: This practice not recommended for paved surfaces due to lack of an anchoring system.)

REQUIREMENTS
Contributing drainage area: 1 acre maximum.
Effective life: Less than 3 months.
Capacity: Runoff from a 2–yr. frequency, 24–hr. duration storm event entering a storm drain without bypass flow.
Approach: Pool area flat, with sediment storage of 945 cu.ft./acre disturbed.
Bale dimensions: Approximately 14 in. x 18 in. x 36 in.
Height of bales above inlet: 14 in. (i.e., 18 in. bales entrenched 4 in.).
Anchoring: Two 36–in. long (minimum) steel rebars or 2 x 2–in. hardwood stakes driven through each bale.

INSTALLATION (Exhibit 3.54–B)
1. To reduce bypass flow, ensure that the top of the bales will be at least 6 in. below ground elevation on the downslope side of the inlet. This may require constructing below the inlet a temporary dike OR using the straw bale drop inlet protection in conjunction with an excavated drop inlet protection (Practice 3.51).
2. Excavate a trench at least 4 in. deep and a bales width around the inlet.
3. Place the bales lengthwise in the trench so the bindings are oriented around the sides, rather than top and bottom, to minimize deterioration of the bindings.
4. Allow the bales to overlap at the corners, and abut them tightly against eachother.
5. Anchor the bales by driving two 36–in. long steel rebars of 2x2–in. hardwood stakes through each bale until nearly flush at the top. Drive the first stake at an angle towards the previously laid bale to force the bales together.
6. Chink (tightly wedge) straw into any gaps between gales to prevent sediment–laden water from flowing directly into the inlet.
7. Backfill and compact the excavated soil 4 in. high against the outside of the bales.

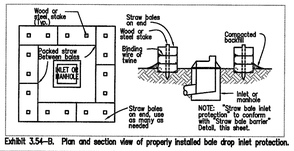


Exhibit 3.54–B. Plan and section view of properly installed bale drop inlet protection.

MAINTENANCE
- Inspect the drop inlet protection after each storm event, and make needed repairs immediately.
- Remove sediment from the pool area to ensure adequate runoff storage for the next rain, taking care to not damage or undercut the bales.
- When the contributing drainage area has been stabilized, remove all bales, construction material, and sediment and dispose of properly, grade the disturbed area to the elevation of the top of the inlet and stabilize.

PRACTICE 3.74 SILT FENCE (SEDIMENT FENCE)

PURPOSE
To retain sediment from small, sloping disturbed areas by reducing the velocity of sheet flow.
(NOTE: Silt fence captures sediment by ponding water to allow deposition, not by filtration. Although the practice usually works best in conjunction with temporary basins, traps, or diversions, it can be sufficiently effective to be used alone. A silt fence is not recommended for use as a diversion; nor is it to be used across a stream, channel or anywhere that concentrated flow is anticipated.)

REQUIREMENTS (Exhibit 3.74–B and C)
Drainage Area: Limited to 1/4 acre per 100 ft. of fence; further restricted by slope steepness (see Exhibit 3.74–B).
Location: Fence nearly level, approximately following the land contour, and at least 10 ft. from toe of slope to provide a broad, shallow sediment pool.
Trench: 8 in. minimum depth, flat–bottom or v–shaped, filled with compacted soil or gravel to bury lower portion of support wire and/or fence fabric.
Support posts: 2 x 2–in. hardwood posts (if used) or steel fence posts set at least 1 ft. deep.* (Steel posts should projections for fastening fabric.)
Spacing of posts: 8 ft. maximum if fence supported by wire, 6 ft. for extra–strength fabric without wire backing.

Exhibit 3.74–B. Maximum Land Slope and Distance for Which a Silt Fence Is Applicable.

Land slope	Max. distance above fence
Less than 2%	100 ft.
2 to 5%	75 ft.
5 to 10%	50 ft.
10 to 20%	25 ft.
More than 20%	15 ft.

Fence height: High enough so depth of impounded water does not exceed 1 1/2 ft. at any point along fence line.
Support wire (optional): 14 gauge, 6 in. wire fence (needed if using standard–strength fabric).
Fence fabric: Woven or non–woven geo–textile fabric with specified filtering efficiency and tensile strength (see Exhibit 3.74–C) and containing UV inhibitors and stabilizers to ensure 6–mo. minimum life at temperatures 0°–120°F.

* Some commercial silt fences come ready to install, with support posts attached and requiring now wire support.

Exhibit 3.74–C. Specifications Minimums for Silt Fence Fabric.

Physical Property	Woven Fabric	Non–woven fabric
Filtering efficiency	85%	85%
Tensile strength at 20% elongation:		
Standard strength	30lbs./linear in.	50lbs./linear in.
Extra strength	50lbs./linear in.	70lbs./linear in.
Slurry flow rate	0.3 gal./min./sq.ft.	4.5 gal./min./sq.ft.
Water flow rate	15 gal. /min./sq.ft.	220 gal./min./sq.ft.
UV resistance	70%	85%

Outlet (optional): To allow for safe storm flow bypass without overtopping fence. Placed along fence line to limit water depth to 1 1/2 ft. maximum; crest—1 ft. high maximum; weir width—4 ft. maximum; splash pad—5 ft. wide, 3 ft. long, 1 ft. thick minimum.

INSTALLATION
SITE PREPARATION:
1. Plan for the fence to be at least 10 ft. from the toe of the slope to provide a sediment storage area.
2. Provide access to the area if sediment cleanout will be needed.

OUTLET CONSTRUCTION (OPTIONAL)
1. Determine the appropriate location for a reinforced, stabilized bypass flow outlet.
2. Set the outlet elevation so that water depth cannot exceed 1 1/2 ft. at the lowest point along the fence line.
3. Locate the outlet weir support posts no more than 4 ft. apart, and install a horizontal brace between them. (Weir height should be no more than 1 ft. and water depth no more than 1 1/2 ft. anywhere else along the fence.)
4. Excavate the foundation for the outlet splash pad to minims of 1 ft. deep, 5 ft. wide and 5 ft. long on level grade
5. Fill the excavated foundation with INDOT CA No. 1 stone, being careful that the finished surface blends with the surrounding area, allowing no overfall.
6. Stabilize the area around the pad.

OUTLET CONSTRUCTION (OPTIONAL)
1. Along the entire intended fence line, dig an 8 in. deep flat–bottomed or V–shaped trench.
2. On the downslope side of the trench, drive the wood or steel support posts at least 1 ft. into the ground, spacing them no more than 8 ft. apart if If the fence is supported by wire or 6 ft. if extra strength fabric is used without support wire. Adjust spacing, if necessary, to ensure that posts are set at the low points along the fence line. (NOTE: If the fence has pre–attached posts or stakes, drive them deep enough so the fabric is satisfactory in the trench as described in step 6.)
3. Fasten support wire fence to the upslope side of the posts, extending it 8 in. into the trench.
4. Run a continuous length of geotextile fabric in front of the support wire and posts avoiding joints, particularly at low points in the fence line.
5. If a joint is necessary, nail the overlap to the nearest post with a lath.
6. Place the bottom 1 ft. of fabric in the 8 in. deep trench, extending the remaining 4 in. toward the upslope side.
7. Backfill the trench with compacted earth or gravel.
NOTE: If using a pre–packed commercial silt fence rather than constructing one, follow the manufacturer's installation instructions.

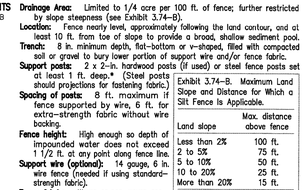


Exhibit 3.74–E. Detailed example of silt fence installation.



MAINTENANCE
- Inspect the silt fence periodically and after each storm event.
- If fence fabric tears, starts to decompose or in any way becomes ineffective, replace the affected portion immediately.
- Remove deposited sediment when it reaches half the height of the fence at its lowest point or is causing the fabric to bulge.
- Take care to avoid undermining the fence during clean out.
- After the contributing area has been stabilized, remove the fence and sediment deposits, bring the disturbed area to grade, and stabilize.

NOTE: CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS & DEPTHS AND NOTIFY ENGINEER OF ANY INACCURACIES IN LOCATION OR ELEVATION OR ANY CONFLICTS PRIOR TO & AFTER ANY EXCAVATION. NO PAYMENT SHALL BE MADE TO CONTRACTOR FOR UTILITY DESTRUCTION OR UNDERGROUND CHANGES REQUIRED DUE TO CONFLICTING ELEVATIONS.

revisions:

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01/13/17
certified by:

Proposed:
JILL'S HOUSE
751 Tamarack Trail
Bloomington Indiana

title: EROSION CONTROL DETAILS

designed by: AMS
drawn by: EJF
sheet no: 7 of 8
project no.: 4006100

(SS) SLOPE STABILIZATION SEEDING

REQUIREMENTS

Site and seedbed preparation: Proposed pond grading, as shown on Grading Plan. Entire area to be swale seeded shall be cleared of all underbrush and debris as to expose topsoil but not to disturb existing trees.

Plant Species: Swale Seeding Mix as referred to in the latest catalog from JF NEW (574.586.2412).

APPLICATION

1/4 acre permanent grasses as referred to in the latest catalog from JF NEW (574.586.2412).

INSTALLATION

* Temporary concrete washout facilities shall be constructed as shown in the above details, and as described below. All temporary washout facilities shall have at minimum 10' width, 3' depth, and sufficient length to contain all liquid and concrete waste generated.

"Below Grade"

1. A pit shall be excavated with a minimum width of 10', depth of 3' and to contain all liquid and concrete waste generated.
2. The pit should be lined with a minimum 10 mil plastic lining which overhangs the pit rim by 5' in each direction.
3. Sandbags shall be placed on top of the plastic lining at 3' intervals along the rim of the excavated pit.
4. Lath and flagging shall be installed on all sides of the excavated pit to clearly mark its location.

"Above Grade"

1. A wood frame shall be constructed using two 2 x 12 boards staked on edge with a minimum width of 10' and length sufficient to contain all liquid and concrete waste generated.
2. The wood frame shall be securely fastened around the entire perimeter using steel rebar or 2 in. x 2 in. hardwood stakes.
3. The wood form shall be lined with 10 mil plastic sheeting which shall be attached to the outside face of the wood frame.

"Above Grade" with Straw Bales

1. Straw bales shall be arranged such that they create a basin with a minimum width of 10' and length sufficient to contain all liquid and concrete waste generated.
2. The straw bales shall be securely staked using steel rebar or 2 in. x 2 in. hardwood stakes. (two per bale)
3. The basin shall be lined with 10 mil plastic sheeting which is attached to the straw bales using 4" steel wire staples. (two per bale)

MAINTENANCE

* Temporary concrete washout facilities should be maintained to provide adequate holding capacity with a minimum freeboard of 4 in. for above grade facilities and 12 in. for below grade facilities. Maintaining temporary concrete washout facilities should include removing and disposing of hardened concrete and returning the facilities to a functional condition. Hardened concrete materials should be removed and disposed of.
* Washout facilities must be cleaned, or new facilities must be constructed ready for use once the washout is 75% full.
* At the conclusion of concrete construction activities the temporary concrete washout area shall be removed and returned to its original condition.

(CW) TEMPORARY CONCRETE WASHOUT AREA

REQUIREMENTS

Capacity: Temporary washout facilities shall be constructed above or below grade at the option of the contractor. Temporary washout facilities shall be constructed and maintained in sufficient quality and size to contain all liquid and concrete waste generated by washout operations.

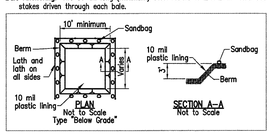
Type: Below grade concrete washout facilities are typical. Above grade facilities are used if excavation is not practical.

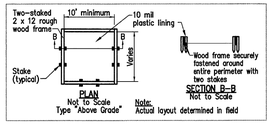
Location: Facilities shall be located a minimum of 50' from storm drain inlets, open drainage facilities, and water courses.

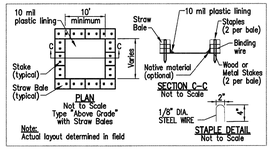
Plastic Lining Material: Minimum 10 mil polyethylene sheeting and should be free of holes, tears or other defects.

Straw Bale Dimensions: Approximately 14l n. x 18 in. x 36 in.

Bale Anchoring: Two 36-in. long (minimum) steel rebars or 2 x 2-in. hardwood stakes driven through each bale.







PRACTICE 3.11 TEMPORARY SEEDING

REQUIREMENTS

Site and seedbed preparation: Graded and fertilizer applied.

Plant Species: Selected on the basis of quick germination, growth, and time of year to be seeded (see Exhibit 3.11-B).

Mulch: Clean grain, straw, hay, wood, fibre, etc., to protect seedbed and encourage plant growth.

Seeding Frequency: As often as possible following construction activity. Daily seeding of rough graded areas when the soil is loose and moist is usually most effective.

APPLICATION (Exhibit 3.11-B)

SITE PREPARATION:

1. Install practices needed to control erosion, sedimentation, and water runoff, such as temporary and permanent diversions, sediment traps or basins, silt fences, and straw bale dams (practices 3.21, 3.22, 3.72, 3.73, 3.74, and 3.75).
2. Grade the site as specified in the construction plan.

SEEDBED PREPARATION:

1. Test soil to determine its nutrient levels. (Contact your county SWDC or Cooperative Extension office for assistance and soils information,
2. Fertilize as recommended by the soil test. If testing is not done, consider applying 400–600 lbs./acre of 12–12 analysis, or equivalent, fertilizer.
3. Work the fertilizer into the soil 2–4 in. deep with a disk or rake operated across the slope.

SEEDING:

1. Select a seeding mixture and rate from Exhibit 3.11–B, and plant at depth and on dates shown.
   including available soil testing services.)
2. Apply seed uniformly with a drill or cultipacker–seeder or by broadcasting, and cover to the depth shown in Exhibit 3.11–B.
3. If drilling or broadcasting, firm the seedbed with a roller or cultipacker
4. Mulch seeded areas to increase seeding success. Anchor all mulch by crimping or tackifying. Use of netting or erosion control blankets is possible, but may not be cost–effective for temporary seeding.

Exhibit 3.11–B. Temporary Seeding Recommendations

Seed Species*	Rate/acre	Planting Depth	Optimum dates**
Wheat or rye	150 lbs.	1 to 1 1/2 in.	9/15 to 10/30
Spring oats	100 lbs.	1 in.	3/1 to 4/15
Annual ryegrass	40 lbs.	1/4 in.	3/1 to 5/1 8/1 to 9/1
German millet	40 lbs.	1 to 2 in.	5/1 to 6/1
Sudangrass	35 lbs.	1 to 2 in.	5/1 to 7/30

* Perennial species may be used as temporary cover, especially if the area to be seeded will remain idle for more than a year (Practice 3.12).
** Seeding done outside the optimum dates increases the chances of seeding failure.

MAINTENANCE

* Inspect periodically after planting to see that vegetative stands are adequately established; reseed if necessary.
* Check for erosion damage after storm events and repair; reseed and mulch if necessary.
* Topdress fall seeded wheat or rye seedings with 50 lbs./acre of nitrogen in February or March if nitrogen deficiency is apparent. (Exhibit 3.11–B shows only wheat/rye fall seeded.)

PRACTICE 3.13 DORMANT AND FROST SEEDING

PURPOSES

* To provide early germination and soil stabilization in the spring.
* To reduce sediment runoff to downstream areas.
* To improve the visual aesthetics of the construction area.
* To repair previous seedings.

REQUIREMENTS

Site and seedbed preparation: Graded as needed, and lime and fertilizer applied.

Plant species: Selected on the basis of soil type, adaptability to the region, and planned use of the area (see Exhibits 3.13–B and 3.13–C).

APPLICATION (Exhibit 3.13–B and C)

SITE PREPARATION:

1. Grade the area to be seeded.
2. Install needed erosion/water runoff control practices, such as temporary or permanent diversions, sediment basins, silt fences, or straw bale dams (Practices 3.21, 3.22, 3.72, 3.74 or 3.75).

FOR DORMANT SEEDING

Site and seedbed preparation and mulching can be done months ahead of actual seeding or if the existing ground cover is adequate, seeding can be directly into it.

Seeding dates: Dec. 1–Feb. 28 (north of US 40), Dec. 10–Jan. 15 (south of US 40).

1. Broadcast Fertilizer as recommended by a soil test; or if testing was not done consider applying 400–600 lbs./ acre of 12–12–12 analysis or equivalent, fertilizer.
2. Apply mulch upon completion of grading (Practice 3.15).
3. Select an appropriate seed species or mixture from Exhibit 3.13–B or Exhibit 3.13–C, and broadcast on top of the mulch and/or into existing ground cover at rate shown.

FOR FROST SEEDING

Seed is broadcast over the prepared seedbed and incorporated into the soil by natural freeze–thaw action.

Seeding dates: Feb. 28–Mar. 28 (north of US 40), Feb. 15–Mar. 15 (south of US 40).

1. Broadcast Fertilizer as recommended by a soil test; or if testing was not done consider applying 400–600 lbs./ acre of 12–12–12 analysis or equivalent, fertilizer.
2. Apply mulch upon completion of grading (Practice 3.15).
3. Select an appropriate seed species or mixture from Exhibit 3.13–B or Exhibit 3.13–C, and broadcast on top of the mulch and/or into existing ground cover at rate shown. Do not work the seed into the soil.

Exhibit 3.13–B. Temporary Dormant or Frost Seeding Recommendations.

Seed species*	Rate per acre
Wheat or rye	150lbs.
Spring oats	150 lbs.
Annual ryegrass	60 lbs.

* Perennial species may be used as a temporary cover, especially if the area to be seeded will remain idle for more than a year (Practice 3.12).

Exhibit 3.13–C. Permanent Dormant of Frost Seeding Recommendations.

This table provides several seeding options. Additional seed species and mixtures are available commercially. When selecting a mixture, consider site conditions, including soil properties, slope aspect and the tolerance of each species to shade and droughtiness.

Seed species*	Rate per acre	Optimum soil pH
OPEN AND DISTRIBUTED AREAS (REMAINING IDLE MORE THAN 1 YR).		
1. Perennial ryegrass	50 to 75 lbs.	5.6 to 7.0
+ white or ladino clover*	1 1/2 to 3 lbs.	
2. Kentucky bluegrass	30 lbs.	5.5 to 7.5
+ smooth bromegrass	15 lbs.	
+ switchgrass	5 lbs.	
+ timothy	6 lbs.	
+ perennial ryegrass	15 lbs.	
+ white or ladino clover*	1 1/2 to 3 lbs.	
3. Perennial ryegrass	22 to 45 lbs.	5.6 to 7.0
+ prairie switchgrass	22 to 45 lbs.	
4. Prarie switch grass	50 to 75 lbs.	5.5 to 7.5
+ white or ladino clover*	1 1/2 to 3 lbs.	
STEEP BANKS AND CUTS, LOW MAINTENANCE AREAS (NOT MOWED).		
1. Smooth bromegrass	35 to 50 lbs.	5.5 to 7.5
+ red clover*	15 to 30 lbs.	
2. Prarie switch grass	50 to 75 lbs.	5.5 to 7.5
+ white or ladino clover*	1 1/2 to 3 lbs.	
3. Prarie switch grass	50 to 75 lbs.	5.5 to 7.5
+ red clover*	15 to 30 lbs.	
(Recommended north of US 40.)		
4. Orchardgrass	30 to 45 lbs.	5.6 to 7.0
+ red clover*	15 to 30 lbs.	
+ ladino clover*	1 1/2 to 3 lbs.	
5. Crownvetch*	15 to 18 lbs.	5.6 to 7.0
+ prairie switchgrass	30 to 45 lbs.	
(Recommended north of US 40.)		
LAWNS AND HIGH MAINTENANCE AREAS		
1. Bluegrass	150 to 210 lbs.	5.5 to 7.5
2. Perennial ryegrass (turf–type)	70 to 90 lbs.	5.6 to 7.0
+ bluegrass	105 to 135 lbs.	
3. Prarie switch grass (turf–type)	195 to 250 lbs.	5.6 to 7.5
+ bluegrass	30 to 45 lbs.	
CHANNELS AND AREAS OF CONCENTRATED FLOW		
1. Perennial ryegrass	150 to 225 lbs.	5.6 to 7.0
+ white or ladino clover*	1 1/2 to 3 lbs.	
2. Kentucky bluegrass	30 lbs.	5.5 to 7.5
+ smooth bromegrass	15 lbs.	
+ switchgrass	5 lbs.	
+ timothy	8 lbs.	
+ perennial ryegrass	15 lbs.	
+ white or ladino clover*	1 1/2 to 3 lbs.	
3. Prarie switch grass	150 to 225 lbs.	5.5 to 7.5
+ white or ladino clover*	1 1/2 to 3 lbs.	
4. Prarie switch grass	150 to 225 lbs.	5.5 to 7.5
+ perennial bluegrass	22 to 30 lbs.	
+ kentucky bluegrass	22 to 30 lbs.	

* For best results: (a) legume seed should be inoculated; (b) seeding mixtures containing legumes should preferably be spring–seeded, although the grass may be fall–seeded and the legume frost–seeded; (c) if legumes are fall–seeded, do so in early fall.

NOTE: If using mixtures other than those listed here, increase the seeding rate by 50% over the conventional rate.

MAINTENANCE

* Apply 200–300 lbs./acre of 12–12–12 or equivalent fertilizer between Apr. 15 and May 10 or during periods of vigorous growth.
* Re–seed and mulch any areas that have inadequate cover by mid to late Apr. For best results, re–seed within the recommended dates shown in Practices 3.11 for temporary seeding or 3.12 for permanent seeding.

EROSION CONTROL NOTES

1. Contact the Monroe County SWCD at (812) 334–4325 48 hours prior to commencing construction.
2. Install construction entrance as shown on plans
3. Prior to any earth moving place siltation fence along the down stream side of all grading activity.
4. Construct detention pond, as shown on plans
5. Install check dams as shown on plans before installation of storm sewer begins.
6. Remove vegetation in areas to be disturbed only.
7. Strip top soil from all areas to be disturbed by construction and stock pile at locations above silt fence. Seed with temporary seed mixture type T, immediately.
8. Maintain silt fence during construction and keep clear of debris.
9. Perform construction activities as shown on the plans. Do not disturb turf areas outside of construction limits so that turf acts as a vegetative filter strip.
10. All erosion control structures shall be kept in working order and inspected upon completion of every rain event. Add additional measures when necessary.
11. Upon completion of construction of all improvements redistribute top soil to all proposed grassed areas.
12. Mulch seed all disturbed areas immediately upon completion of all earthmoving and underground utility work in accordance with INDOT SS–621 Seed Mixture type U.
13. Fertilize and water seeded areas until mature turf is established.
14. Remove all temporary erosion control measures upon the establishment of the turf.

(MS) PRACTICE 3.12 PERMANENT SEEDING

REQUIREMENTS

Site and seedbed preparation: Graded, and lime and fertilizer applied.

Plant Species: Selected on the basis of soil type, soil pH, region of the state, time of year, and planned use of the area to be seeded (see Exhibit 3.12–C).

Mulch: Clean grain, straw, hay, wood, fibre, etc., to protect seedbed and encourage plant growth. The mulch may need to be anchored to reduce removal by wind or water, or erosion control blankets may be considered.

APPLICATION (Exhibit 3.12–B, C, and D)

Permanently seed all final grade areas (e.g., landscape berms, drainage swales, erosion control structures, etc.) as each is completed and all areas where additional work is not scheduled for a period of more than a year.

SITE PREPARATION:

1. Install practices needed to control erosion, sedimentation, and runoff prior to seeding. These include temporary and permanent diversions, sediment traps and basins, silt fences, and straw bale dams (Practices 3.21, 3.22, 3.72, 3.73, 3.74, and 3.75).
2. Grade the site and fill in depressions that can collect water.
3. Add topsoil to achieve needed depth for establishment of vegetation (Practice 3.02).

SEEDBED PREPARATION:

1. Test soil to determine pH and nutrient levels. (Contact your county SWDC or Cooperative Extension office for assistance and soils information, including available soil testing services.)
2. If soil pH is unsuitable for the species to be seeded, apply lime according to test recommendations.
3. Fertilize as recommended by the soil test. If testing was not done, consider applying 400–600 lbs./acre of 12–12–12 analysis, or equivalent, fertilizer.
4. Till the soil to obtain a uniform seedbed, working the fertilizer and lime into the soil 2–4 in. deep with a disk or rake operated across the slope (Exhibit 3.12–B).

SEEDING:

Optimum seeding dates are Mar. 1–May 10 and Aug. 10–Sept. 30. Permanent seeding done between May 10 and Aug. 10 may need to be irrigated. As an alternative, use temporary seeding (Practice 3.11) until the preferred date for permanent seeding.

1. Select a seeding mixture and rate from Exhibit 3.12–C, based on site conditions, soil pH, intended land use, and expected level of maintenance.
2. Apply seed uniformly with a drill or cultipacker–seeder (Exhibit 3.12–D) or by broadcasting, and cover to a depth of 1/4–1/2 in.
3. If drilling or broadcasting, firm the seedbed with a roller or cultipacker
4. Mulch all seeded areas (Practice 3.15).Consider using erosion blankets on sloping areas (Practice 3.17). (NOTE: If seeding is done with a hydroseeder, fertilizer and mulch can be applied with the seed in a slurry mixture.)

Exhibit 3.12–C. Permanent Seeding Recommendations

This table provides several seeding options. Additional seed species and mixtures are available commercially. When selecting a mixture, consider site conditions, including soil properties (e.g., soil pH and drainage), slope aspect and the tolerance of each species to shade and droughtiness.

Seed species and mixtures	Rate per acre	Optimum soil pH
OPEN AND DISTURBED AREAS (REMAINING IDLE MORE THAN 1 YR.)		
1. Perennial ryegrass	35 to 50 lbs.	5.6 to 7.0
+ white or ladino clover*	1 to 2 lbs.	
2. Kentucky bluegrass	20 lbs.	5.5 to 7.5
+ smooth bromegrass	10 lbs.	
+ switchgrass	3 lbs.	
+ timothy	4 lbs.	
+ perennial ryegrass	10 lbs.	
+ white or ladino clover*	1 to 2 lbs.	
3. Perennial ryegrass	15 to 30 lbs.	5.6 to 7.0
+ prarie switch grass	15 to 30 lbs.	
4. Prarie switch grass	35 to 50 lbs.	5.5 to 7.5
+ ladino or white clover*	1 to 2 lbs.	
STEEP BANKS AND CUTS, LOW MAINTENANCE AREAS (NOT MOWED)		
1. Smooth bromegrass	25 to 35 lbs.	5.5 to 7.5
+ red clover*	10 to 20 lbs.	
2. Prarie switch grass	35 to 50 lbs.	5.5 to 7.5
+ white or ladino clover*	1 to 2 lbs.	
3. Prarie switch grass	35 to 50 lbs.	5.5 to 7.5
+ red clover*	10 to 20 lbs.	
(Recommended north of US 40)		
4. Orchardgrass	20 to 30 lbs.	5.6 to 7.0
+ red clover*	10 to 20 lbs.	
+ ladino clover*	1 to 2 lbs.	
5. Crownvetch*	10 to 12 lbs.	5.6 to 7.0
+ prairie switchgrass	20 to 30 lbs.	
(Recommended south of US 40)		
LAWNS AND HIGH MAINTENANCE AREAS		
1. Bluegrass	105 to 150 lbs.	5.5 to 7.0
2. Perennial ryegrass (turf–type)	45 to 60 lbs.	5.6 to 7.0
+ bluegrass	70 to 90 lbs.	
3. Prarie switch grass(turf–type)	130 to 107 lbs.	5.5 to 7.5
+ bluegrass	20 to 30 lbs.	
CHANNELS AND AREAS OF CONCENTRATED FLOW		
1. Perennial ryegrass	100 to 150 lbs.	5.6 to 7.0
+ white or ladino clover*	1 to 2 lbs.	
2. Kentucky bluegrass	20 lbs.	5.5 to 7.5
+ smooth bromegrass	10 lbs.	
+ switchgrass	3 lbs.	
+ timothy	4 lbs.	
+ perennial ryegrass	10 lbs.	
+ white or ladino clover*	1 to 2 lbs.	
3. Prarie switch grass	100 to 150 lbs.	5.5 to 7.5
+ ladino or white clover*	1 to 2 lbs.	
4. Prarie switch grass	100 to 150 lbs.	5.5 to 7.5
+ Perennial ryegrass	15 to 20 lbs.	
+ Kentucky bluegrass	15 to 20 lbs.	

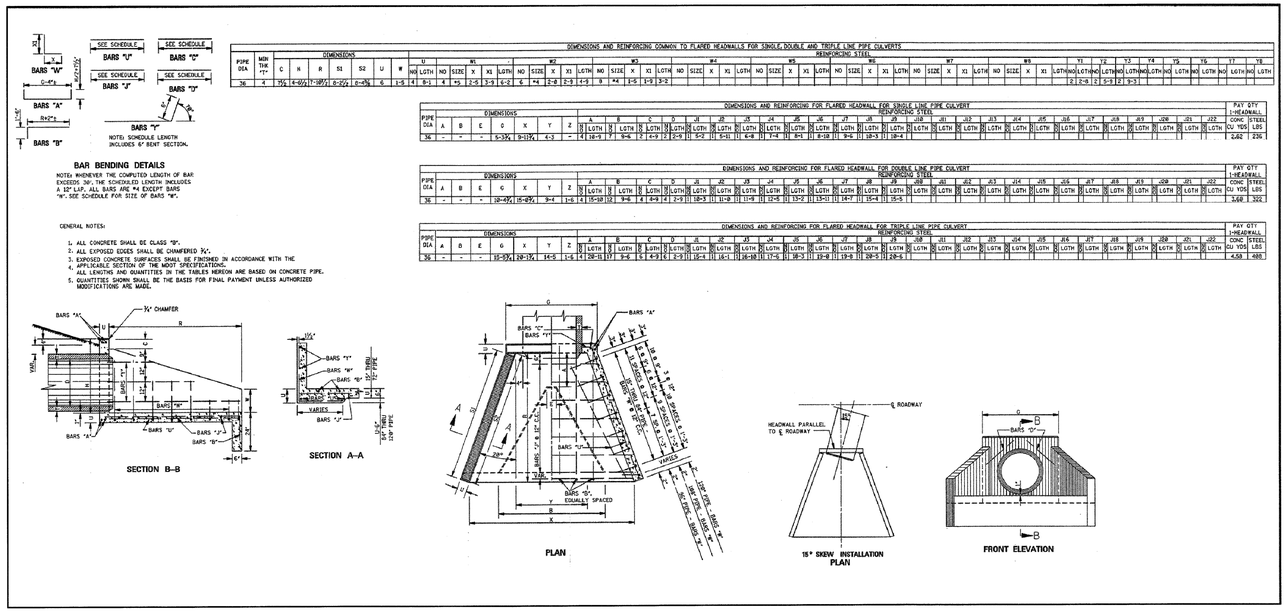
* For best results: (a) legume seed should be inoculated; (b) seeding mixtures containing legumes should preferably be spring–seeded, although the grass may be fall–seeded and the legume frost–seeded (Practice 3.13); and (c) if legumes are fall–seeded, do so in early fall.

NOTE: An oat or wheat companion or nurse crop may be used with any of the above permanent seeding mixtures. If so, it is best to seed during the fall seeding period, especially after Sept. 15, and at the following rates: spring oats–1.4 to 3/4 bu./acre; wheat–no more than 1/2 bu./acre.

MAINTENANCE

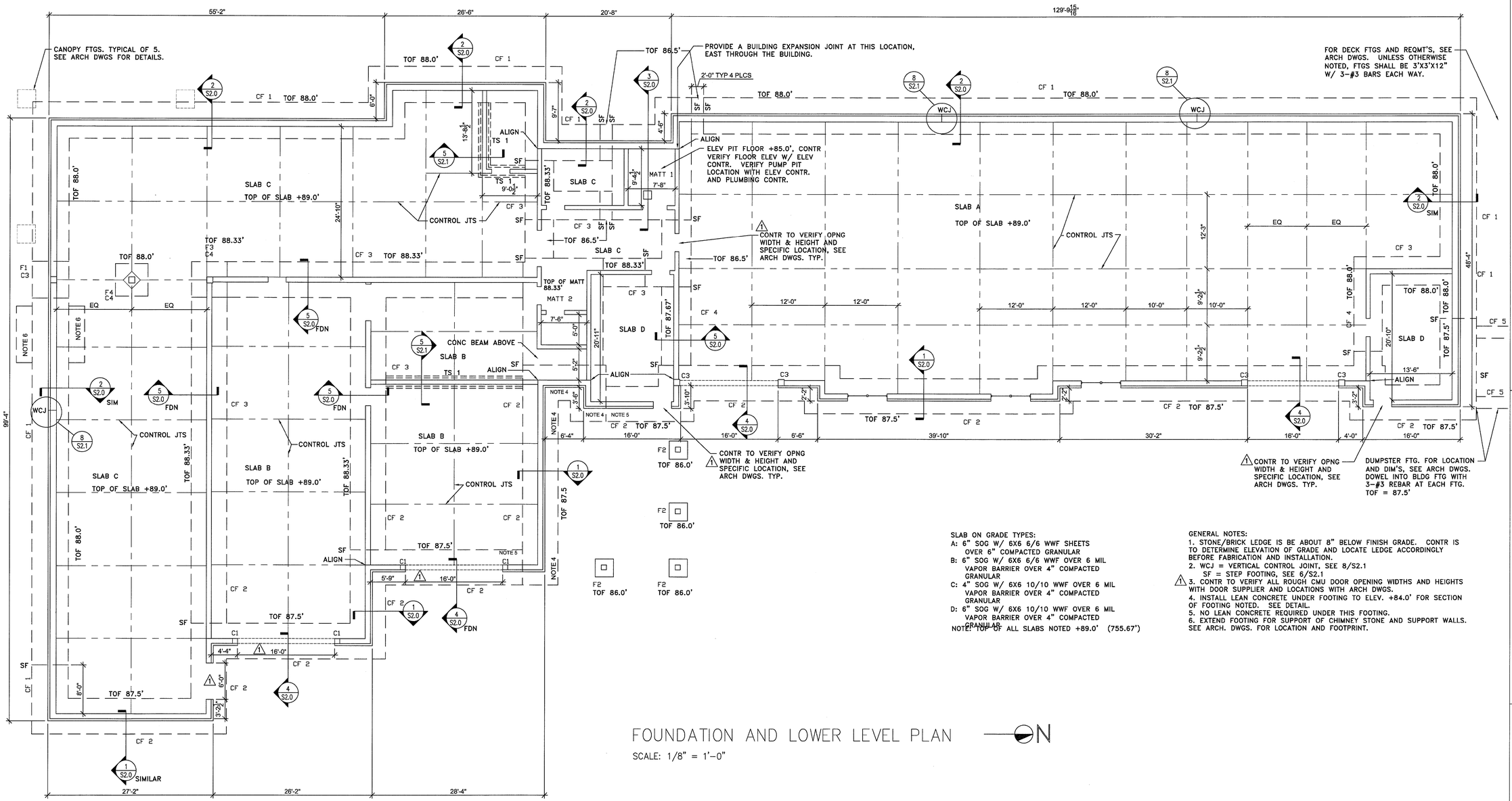
* Inspect periodically, especially after storm events, until the stand is successfully established. (Characteristics of a successful stand include: vigorous dark green or bluish–green seedlings; uniform density with nurse plants, legumes, and grasses well inter–mixed; green leaves; and the perennials remaining green throughout the summer, at least at the plant base.)
* Plan to add fertilizer the following growing season according to soil test recommendations.
* Repair damaged, bare or sparse areas by filling any gullies, re–fertilizing, over– or re–seeding, and mulching.
* If plant cover is sparse or patchy, review the plant materials chosen, soil fertility, moisture condition, and mulching; then repair the affected area either by over–seeding or by re–seeding and mulching after re–preparing the seedbed.
* If vegetation fails to grow, consider soil testing to determine acidity or nutrient deficiency problems. (Contact your SWCD or Cooperative Extension office for assistance.)
* If additional fertilization is needed to get a satisfactory stand, do so according to soil test recommendations.

NOTE: CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS & DEPTHS AND NOTIFY ENGINEER OF ANY INACCURACIES IN LOCATION OR ELEVATION OR ANY CONFLICTS PRIOR TO & AFTER ANY EXCAVATION. NO PAYMENT SHALL BE MADE TO CONTRACTOR FOR UTILITY DESTRUCTION OR UNDERGROUND CHANGES REQUIRED DUE TO CONFLICTING ELEVATIONS.



DIMENSIONS AND REINFORCING COMMON TO FLARED HEADWALLS FOR SINGLE, DOUBLE AND TRIPLE LINE PIPE CULVERTS

PIPE DIA	MIN THK "T"	DIMENSIONS C	H	R	S1	S2	U	W	REINFORCING STEEL U1 NO	LGTH	W1 NO	SIZE	X	W2 NO	SIZE	X	X1	LGTH	W3 NO	SIZE	X	X1	LGTH	W4 NO	SIZE	X	X1	LGTH	W5 NO	SIZE	X	X1	LGTH	W6 NO	SIZE	X	X1	LGTH	W7 NO	SIZE	X	X1	LGTH	W8 NO	SIZE	X	X1	LGTH	W9 NO	SIZE	X	X1	LGTH	Y1 NO	LGTH	Y2 NO	LGTH	Y3 NO	LGTH	Y4 NO	LGTH	Y5 NO	LGTH	Y6 NO	LGTH	Y7 NO	LGTH	Y8 NO	LGTH
36	4	3½	4–0½	7'–10½	8–2½	2–0½	6	6	1–5	4	8–1	4	#5	2–5	3–9	6–3	6	#4	2–0	2–9	4–5	9	#4	1–5	1–5	3–2		



FOUNDATION AND LOWER LEVEL PLAN

SCALE: 1/8" = 1'-0"

SLAB ON GRADE TYPES:
A: 6" SOG W/ 6X6 6/6 WWF SHEETS OVER 6" COMPACTED GRANULAR
B: 6" SOG W/ 6X6 6/6 WWF OVER 6 MIL VAPOR BARRIER OVER 4" COMPACTED GRANULAR
C: 4" SOG W/ 6X6 10/10 WWF OVER 6 MIL VAPOR BARRIER OVER 4" COMPACTED GRANULAR
D: 6" SOG W/ 6X6 10/10 WWF OVER 6 MIL VAPOR BARRIER OVER 4" COMPACTED GRANULAR
NOTE: TOP OF ALL SLABS NOTED +89.0' (755.67')

GENERAL NOTES:
1. STONE/BRICK LEDGE IS BE ABOUT 8" BELOW FINISH GRADE. CONTR IS TO DETERMINE ELEVATION OF GRADE AND LOCATE LEDGE ACCORDINGLY BEFORE FABRICATION AND INSTALLATION.
2. WCJ = VERTICAL CONTROL JOINT, SEE 8/S2.1
SF = STEP FOOTING, SEE 6/S2.1
3. CONTR TO VERIFY ALL ROUGH CMU DOOR OPENING WIDTHS AND HEIGHTS WITH DOOR SUPPLIER AND LOCATIONS WITH ARCH DWGS.
4. INSTALL LEAN CONCRETE UNDER FOOTING TO ELEV. +84.0' FOR SECTION OF FOOTING NOTED. SEE DETAIL.
5. NO LEAN CONCRETE REQUIRED UNDER THIS FOOTING.
6. EXTEND FOOTING FOR SUPPORT OF CHIMNEY STONE AND SUPPORT WALLS. SEE ARCH. DWGS. FOR LOCATION AND FOOTPRINT.

CONCRETE COLUMN SCHEDULE

MARK	PROFILE	VERT BAR SIZE	STIRRUP SIZE	STIRRUP SPACING	CAGE	COMMENTS
C1	1 - 10"X10"	4-#6	#3	10" oc		2" CLEAR
C2	1 - 10"X10"	4-#5	#3	10" oc		1.5" CLEAR
C3	1 - 12"X12"	4-#7	#3	12" oc		2" CLEAR
C4	1 - 12"X12"	4-#7	#3	12" oc		1.5" CLEAR

PROFILE 1

FOOTING SCHEDULE

FTG/PIER NO.	SIZE	REBAR	DOWELS	⚠1 COMMENTS
CF 1	6'-0" X 12"	#5 @12" cross 6-#5 cont	#6@12 outside face #5@16 inside face	2/S2.0
CF 2	5'10" X 12"	#5 @12" cross 6-#5 cont	#6@18 both faces	1/S2.0, PROVIDE DOWELS INTO CMUS
CF 3	5'-10" X 12"	#5 @14" cross 6-#4 cont	#6 @ 32"	
CF 4	4'-10" X 12"	#5 @18" cross 6-#4 cont	#6 @ 32"	
CF 5	2'-0"' X 12"	3-#3 cont	#4 @ 32"	
F1	6'-0"x6'-0"x12"	6-#5 EW	4-#7	
F2	3'-9"X3'-9"X12"	5-#4 EW	4-#5	
F3	5'-10"X5'10"X12"	6-#5 EW	4-#7	
F4	5'-4"X5'-4"X12"	7-#5 EW	4-#7	
MATT 1	SEE PLAN & DTLS	#6@18" EW	SEE WALL REQMTS	TWO MATTS
MATT 2	13'-2"X17'-7"X12"	36@18" EW	SEE WALL REQMTS	BTM MATT ONLY
TS 1	12"	2-#4 cont	#4 @ 48"	SEE DTL 5/S2.1

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

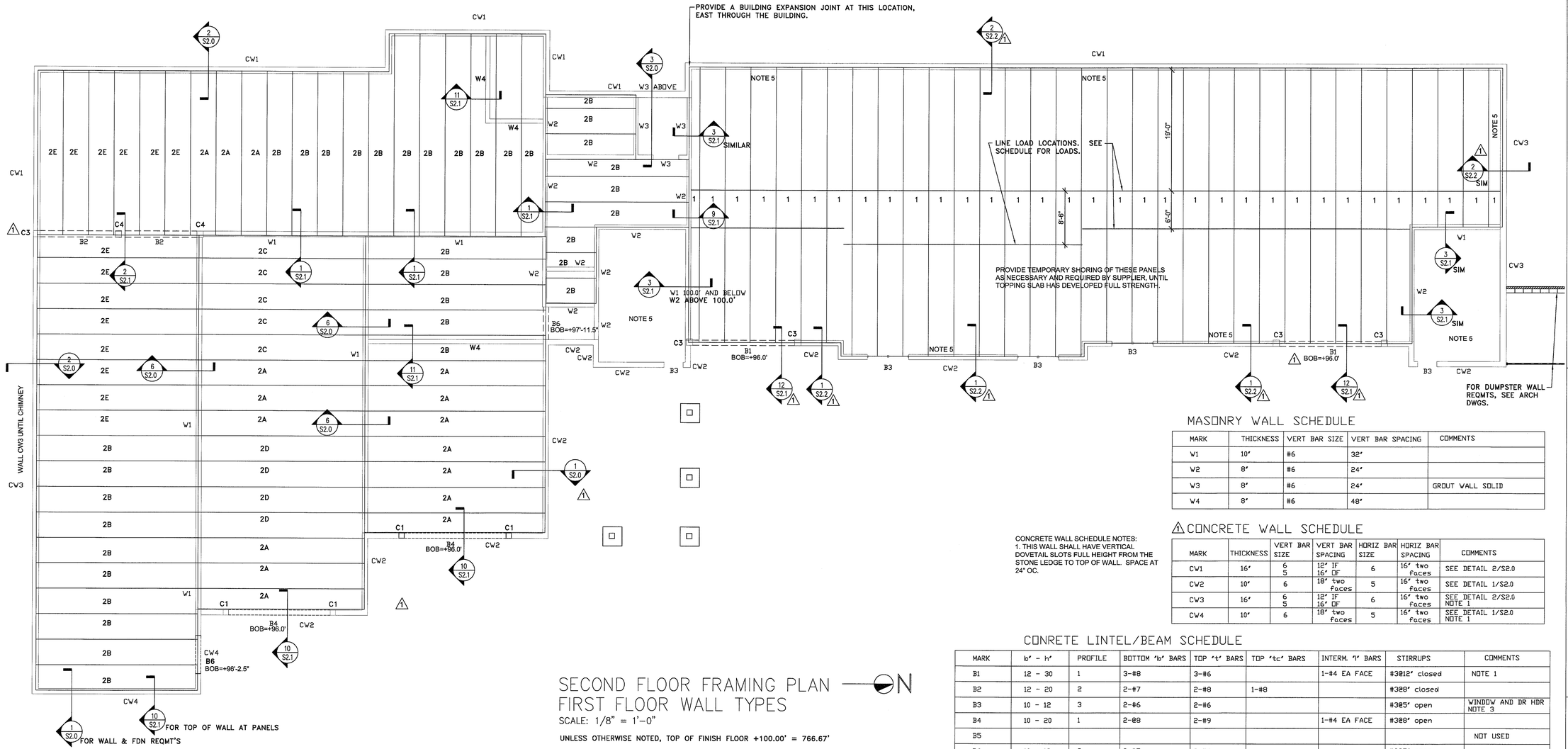
REVISIONS
one 2-22-07

LJ ENGINEERING
PO BOX 1365
COLUMBUS, IN 47202
PH 812-372-3732

New Facility for:
JILL'S HOUSE
751 East Tamarack Trail
BLOOMINGTON, INDIANA 47408

JAMES N. LEWIS REGISTERED No 900432 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT NO. 1253
DATE 2-13-07
DRAWN BY JNL
CHECKED BY JL
SHEET NAME
FOUNDATION PLAN
SHEET NO.
S1.0
CONST

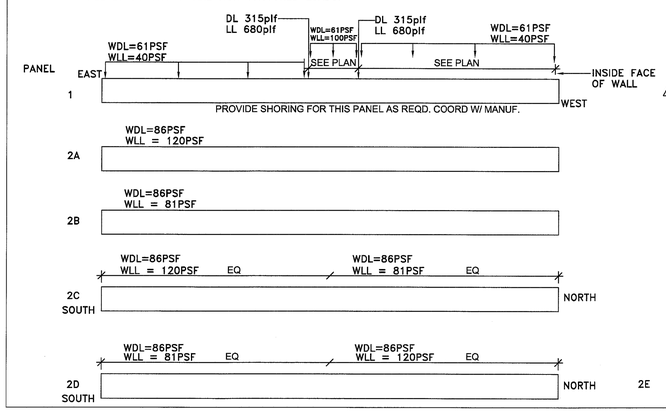


SECOND FLOOR FRAMING PLAN
FIRST FLOOR WALL TYPES

SCALE: 1/8" = 1'-0"

UNLESS OTHERWISE NOTED, TOP OF FINISH FLOOR +100.00' = 766.67'

PRE-STRESSED HOLLOW CORE PANEL LOADS:
ALL DEAD LOADS SHOWN DO NOT INCLUDE THE PANEL'S SELF WEIGHT.
ALL LOADS SHOWN ARE NON-FACTORED LOADS.



⚠1 PRE-STRESSED HOLLOW CORE PANEL SCHEDULE:
PANEL: 1 — 12" BONDED WITH 3-1/2" CONC TOPPING, WITH 6X6 10/10 WWF SHEETS. SEE SPECIFICATIONS FOR CONCRETE TOPPING REQUIREMENTS. PROVIDE TEMPORARY SHORING AS NECESSARY, COORD W/ PANEL SUPPLIER.

2A, 2B, 2C, 2D, 2E — 10" BONDED WITH 2-1/2" CONCRETE TOPPING, WITH 6X6 10/10 WWF SHEETS.

PRESTRESSED HOLLOW-CORE SPECIFICATIONS:
SEE SHEET S6.0 FOR SPECIFICATIONS.
FOR ALL CONCRETE TOPPINGS, REINFORCE WITH 6X6 10/10 WWF SHEETS.

GENERAL NOTES:
1. ALL CMU WALLS ARE TO HAVE LADDER TYPE JOINT REINF AT 16" OC VERTICAL.
2. FOR CONCRETE TOPPING REQUIREMENTS SEE DETAIL 4/S2.1.
⚠1 3. BOB XXX' = BOTTOM OF BEAM ELEVATION.
4. CONRETE REINFORCEMENT COVER IN WALLS SHALL BE ACCORDING TO ACI-318.
5. FOR ROOMS WITH THIS NOTE: FILL WALL TIE HOLES IN CONCRETE WALLS, RUB SMOOTH.
6. ALL STEEL LINTELS ABOVE WINDOWS AND DOORS EXPOSED TO THE EXTERIOR SHALL BE HOT DIPPED GALVANIZED.

MASONRY WALL SCHEDULE

MARK	THICKNESS	VERT BAR SIZE	VERT BAR SPACING	COMMENTS
W1	10"	#6	32"	
W2	8"	#6	24"	
W3	8"	#6	24"	GROUT WALL SOLID
W4	8"	#6	48"	

⚠CONCRETE WALL SCHEDULE

CONCRETE WALL SCHEDULE NOTES:
1. THIS WALL SHALL HAVE VERTICAL DOVETAIL SLOTS FULL HEIGHT FROM THE STONE LEDGE TO TOP OF WALL. SPACE AT 24" OC.

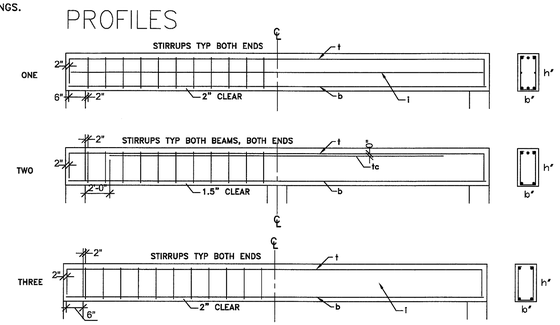
MARK	THICKNESS	VERT BAR SIZE	VERT BAR SPACING	HORIZ BAR SIZE	HORIZ BAR SPACING	COMMENTS
CW1	16"	6 5	12" IF 16" OF	6	16" two faces	SEE DETAIL 2/S2.0
CW2	10"	6	18" two faces	5	16" two faces	SEE DETAIL 1/S2.0
CW3	16"	6 5	12" IF 16" OF	6	16" two faces	SEE DETAIL 2/S2.0 NOTE 1
CW4	10"	6	18" two faces	5	16" two faces	SEE DETAIL 1/S2.0 NOTE 1

CONRETE LINTEL/BEAM SCHEDULE

MARK	b" - h"	PROFILE	BOTTOM 'b' BARS	TOP 't' BARS	TOP 'tc' BARS	INTERM. 'i' BARS	STIRRUPS	COMMENTS
B1	12 - 30	1	3-#8	3-#6		1-#4 EA FACE	#3@12" closed	NOTE 1
B2	12 - 20	2	2-#7	2-#8	1-#8		#3@8" closed	
B3	10 - 12	3	2-#6	2-#6			#3@5" open	WINDOW AND DR HDR NOTE 3
B4	10 - 20	1	2-#8	2-#9		1-#4 EA FACE	#3@8" open	
B5								NOT USED
B6	10 - 12	3	2-#5	2-#4			#3@5" open	

BEAM SCHEDULE NOTES:
1. SEE DETAILS FOR ADDITIONAL BEAM CONFIGURATION AND REINFORCEMENT REQUIREMENTS ABOVE THE PROFILE SHOWN IN THE BEAM SCHEDULE.
2. FOR CONCRETE MASONRY LINTELS AT SINGLE AND DOUBLE DOOR OPENINGS, SEE DETAIL 7/S2.1.
⚠1 3. NO STIRRUPS REQUIRED AT 3'-0" DOOR OPENINGS.

PROFILES



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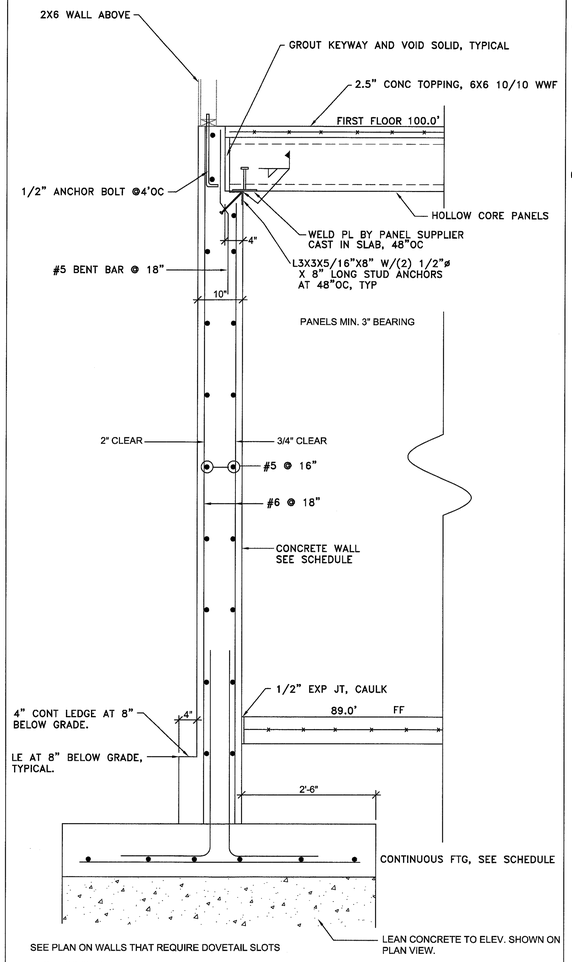
REVISIONS
one 2-22-07

LJ ENGINEERING
PO BOX 1365
COLUMBUS, IN 47202
PH 812-372-3732

New Facility for:
JILL'S HOUSE
751 East Tamarack Trail
BLOOMINGTON, INDIANA 47408

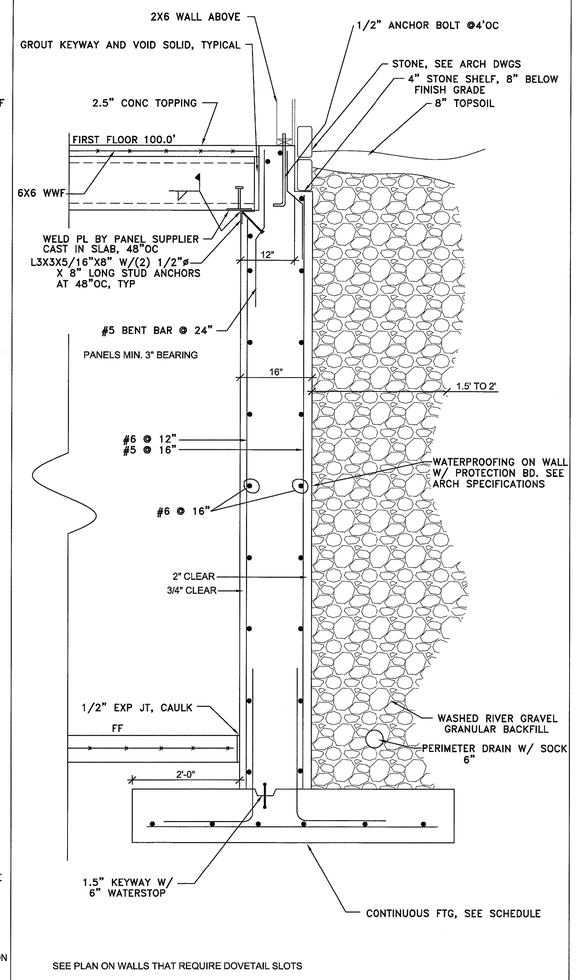
JAMES N. LEWIS — REGISTERED — No. 900432 — STATE OF INDIANA — PROFESSIONAL ENGINEER

PROJECT NO. 1253
DATE 2-13-07
DRAWN BY JNL
CHECKED BY JL
SHEET NAME SECOND_FLOOR FRAMING_PLAN
SHEET NO. S1.1
CONST



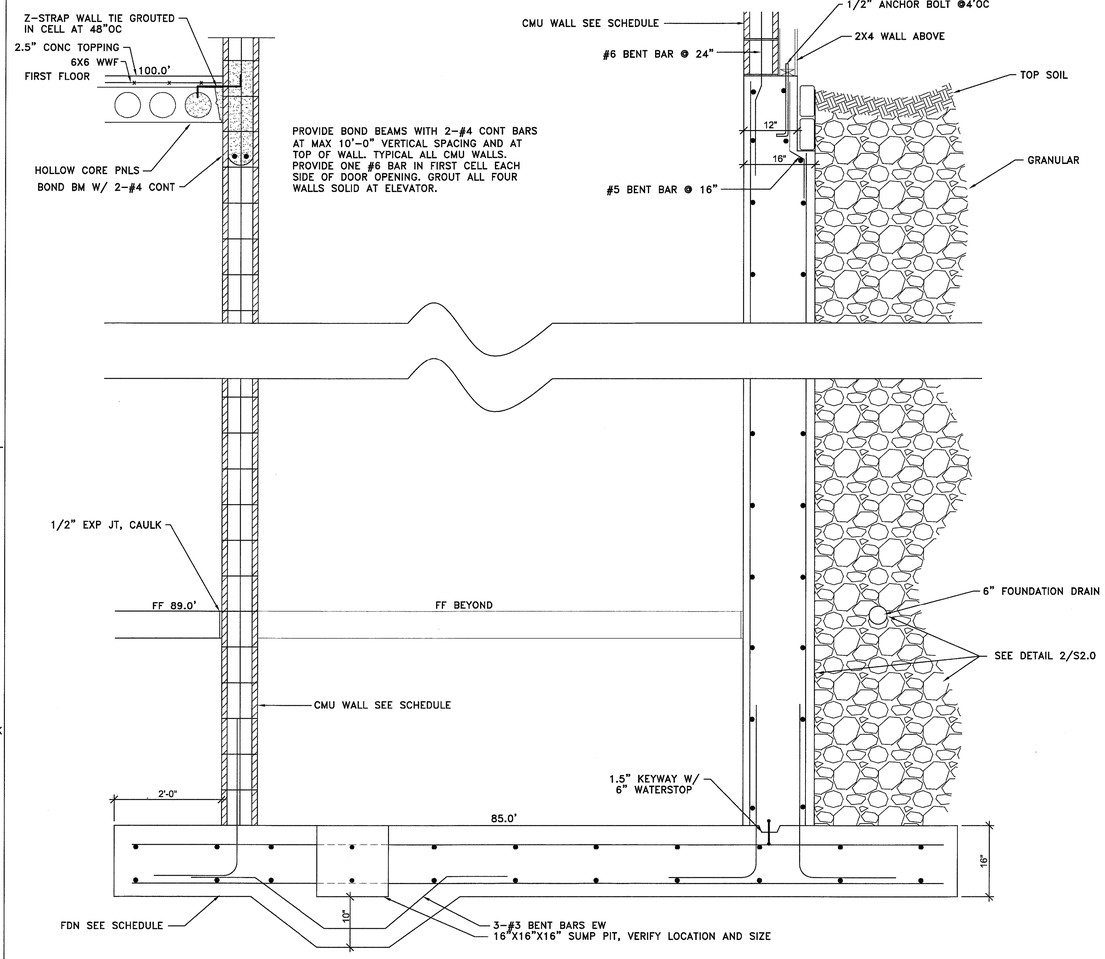
TYPICAL DOWNHILL BSMT WALL

SCALE: 3/4"" = 1'-0" | REF: S1.0 | 1



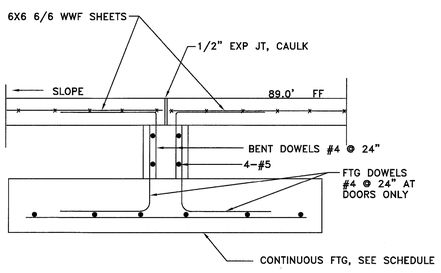
TYPICAL EXTERIOR WALL, UPHILL

SCALE: 3/4" = 1'-0" | REF: S1.0 | 2



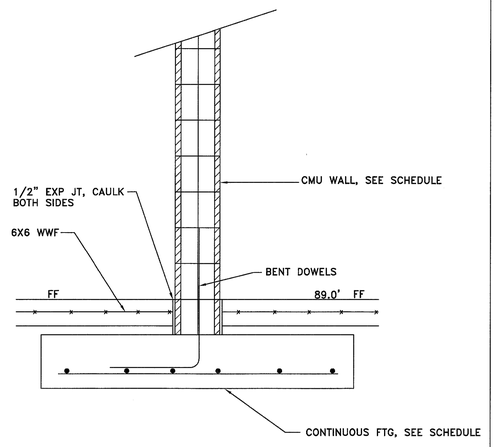
SECTION AT ELEVATOR PIT

SCALE: 3/4" = 1'-0" | REF: S1.0 | 3



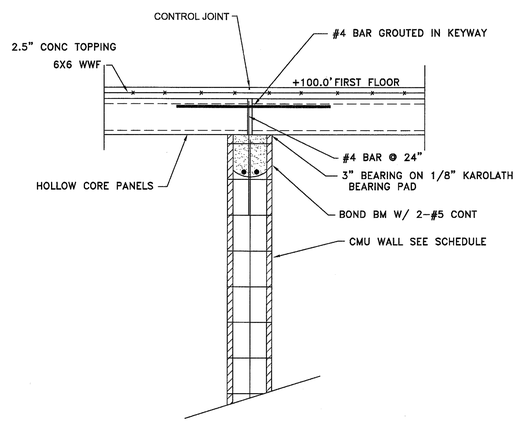
DETAIL AT DOOR OPNG

SCALE: 3/4" = 1'-0" | REF: S1.0 | 4



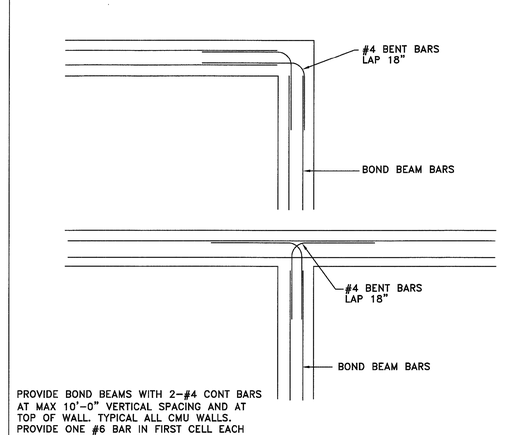
DETAIL AT TYPICAL INTERIOR FTG

SCALE: 3/4" = 1'-0" | REF: S1.0 | 5



DETAIL

SCALE: 3/4" = 1'-0" | REF: S1.1 | 6



TYPICAL BOND BEAM INTERSECTIONS

SCALE: NONE | 7

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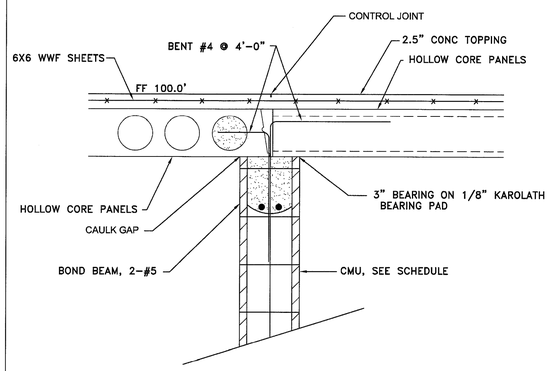
one 2-22-07

LJ ENGINEERING
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COLUMBUS, IN 47202
PH 812-372-3732

New Facility for:
JILL'S HOUSE
751 East Tamarack Trail
BLOOMINGTON, INDIANA 47408

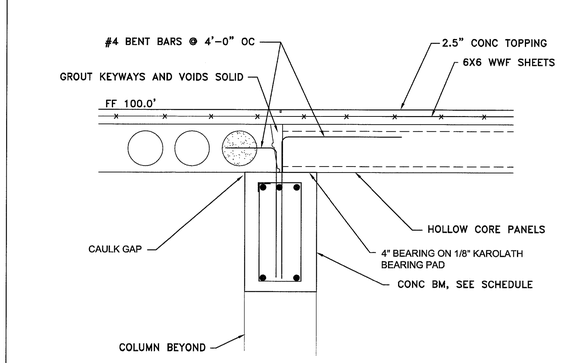
JAMES N. LEWIS REGISTERED No. 900432 STATE OF IND IANA PROFESSIONAL ENGINEER

PROJECT NO. 1253
DATE 2-13-07
DRAWN BY JNL
CHECKED BY JL
SHEET NAME DETAILS
SHEET NO. S2.0
CONST



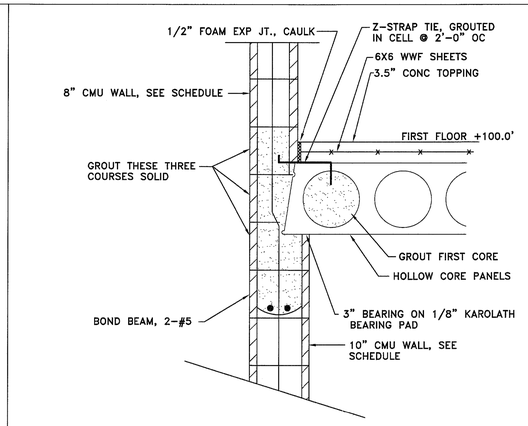
DETAIL 1

SCALE: 1" = 1'-0" REF: S1.0



DETAIL 2

SCALE: 1" = 1'-0" REF: S1.0



DETAIL 3

SCALE: 1" = 1'-0" REF: S1.0

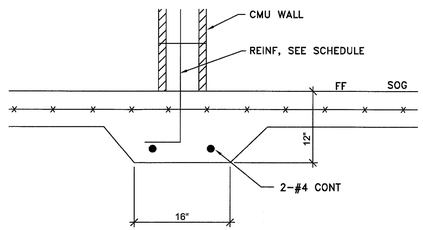
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ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

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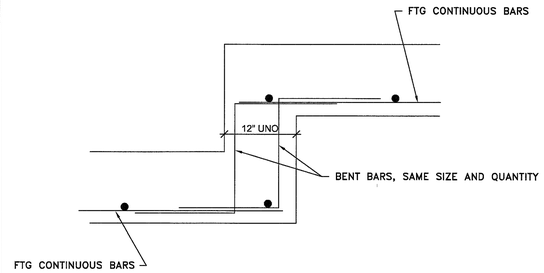
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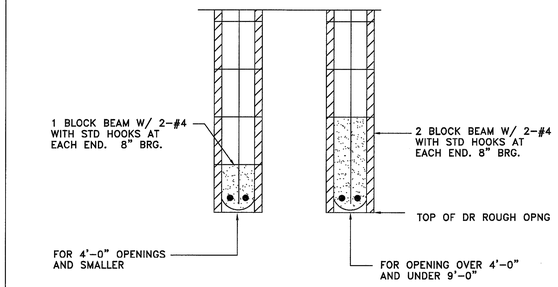
TYPICAL THICKENED SLAB 5

SCALE: 3/4"" = 1'-0" REF: S1.0



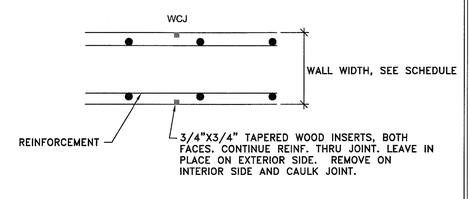
TYPICAL STEP FOOTING 6

SCALE: 3/4"" = 1'-0" REF: S1.0



TYPICAL CMU LINTELS 7

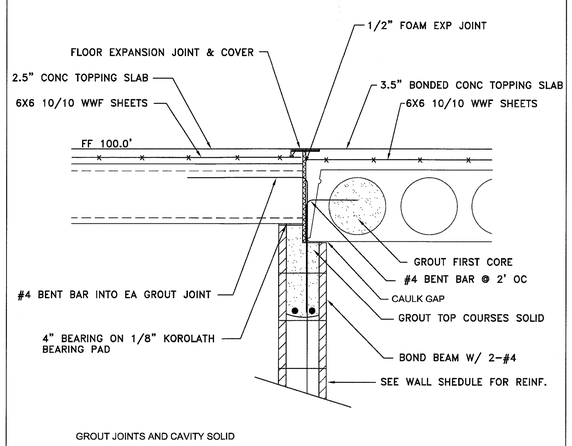
SCALE: 3/4" = 1'-0" REF: S1.0



TYPICAL VERTICAL CONTROL JOINT 8

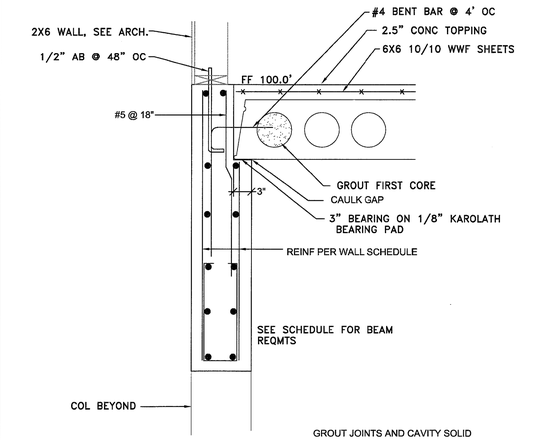
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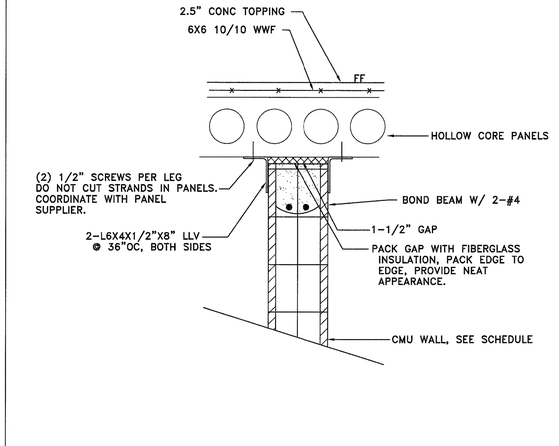
DETAIL 9

SCALE: 3/4" = 1'-0" REF: S1.1



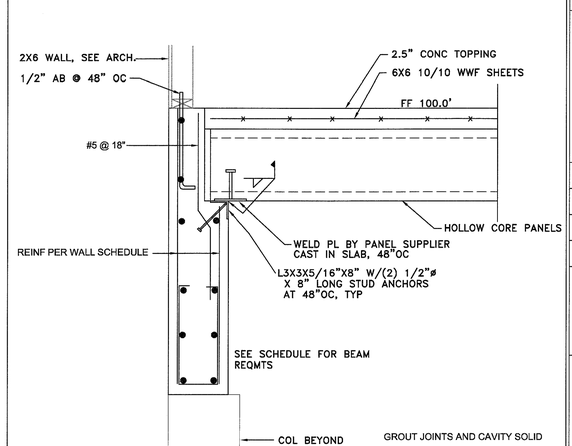
DETAIL 10

SCALE: 3/4" = 1'-0" REF: S1.1



DETAIL 11

SCALE: 3/4" = 1'-0" REF: S1.1



HDR AT GARAGE DR OPNGS 12

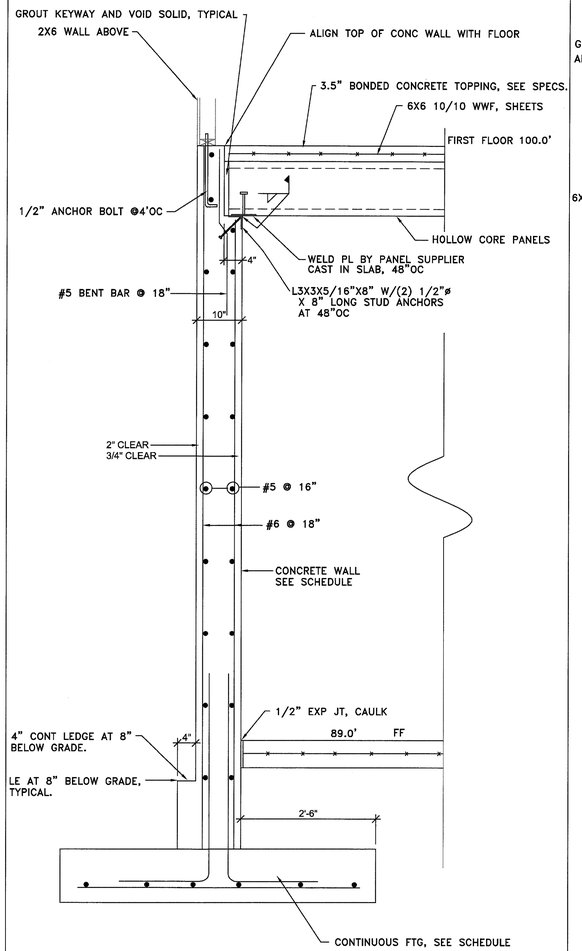
SCALE: 3/4" = 1'-0" REF: S1.1

JAMES N. LEWIS REGISTERED No. 900432 STATE OF IND. IN. PROFESSIONAL ENGINEER
James N. Lewis

PROJECT NO. 1253
DATE 2-13-07
DRAWN BY JNL
CHECKED BY JL
SHEET NAME DETAILS

SHEET NO. S2.1

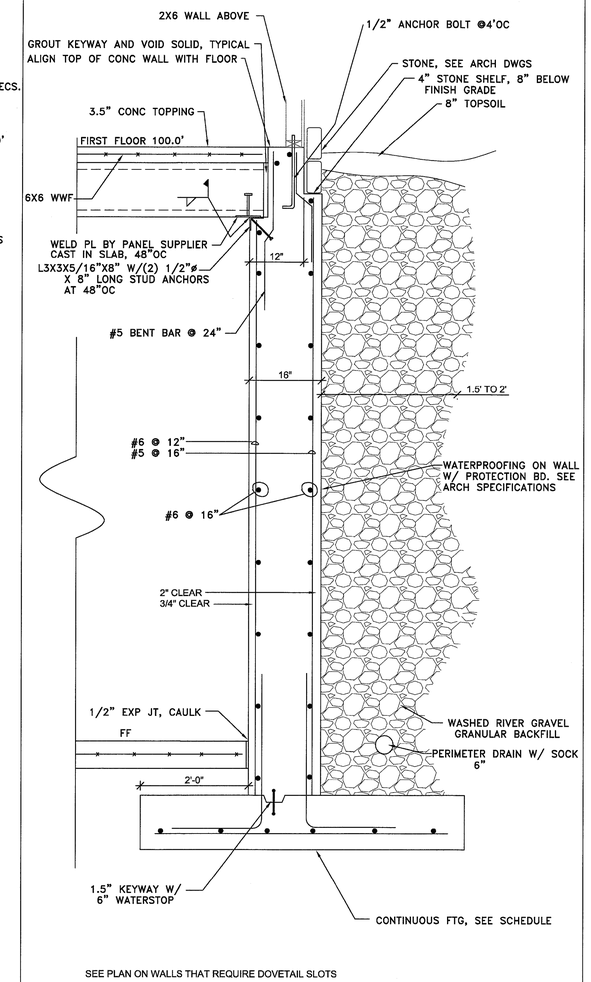
CONST



EAST WALL AT LOWER LEVEL

SCALE: 3/4"" = 1'-0" REF: S1.0

1



SEE PLAN ON WALLS THAT REQUIRE DOVETAIL SLOTS

NORTH & WEST WALL AT LOWER LEVEL

SCALE: 3/4" = 1'-0" REF: S1.0

2

DETAIL

SCALE: 3/4" = 1'-0" REF: S1.0

DETAIL

SCALE: 3/4" = 1'-0" REF: S1.0

DETAIL

SCALE: 3/4" = 1'-0" REF: S1.0

DETAIL

SCALE: 3/4" = 1'-0" REF: S1.1

DETAIL

SCALE: NONE

LABOR BRUCE ARCHITECTURE & DESIGN
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REVISIONS

addendum #1 Issue 2-22-07

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New Facility for:
JILL'S HOUSE
751 East Tamarack Trail
BLOOMINGTON, INDIANA 47408

JAMES N. LEWIS REGISTERED No. 900432 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT NO. 1253

DATE 2-20-07

DRAWN BY JNL

CHECKED BY JL

SHEET NAME
DETAILS

SHEET NO.
S2.2

CONST

DESIGN DATA AND LOADS:

2003 INDIANA BUILDING CODE (2000 IBC)
MONROE COUNTY
ROOF LIVE LOAD 20 PSF
GROUND SNOW LOAD 20 PSF PLUS DRIFTING
WIND 90MPH 3-SEC GUST, EXP B
SEISMIC DESIGN CATEGORY C
SITE SOIL CLASS C
FLOOR LIVE LOADS: GUEST ROOMS 40 PSF
GATHERING AREAS, DINING, CORRIDORS 100 PSF
ALL OTHER AREAS 50 PSF
NET ALLOWABLE SOIL BEARING PRESSURE 3000 PSF SPREAD FTGS
2400 PSF CONT FTGS
LATERAL EARTH PRESSURE:
UNIT WEIGHT OF BACKFILL 130 PCF
EQUIVALENT FLUID PRESSURE 65 PCF
Ka=0.50

ALL ELEVATION ON PLANS AND SCHEDULES ARE THUS (100'0") MEASURED FROM FIRST FLOOR ELEVATION 766.67', FIELD VERIFY.

SHOP AND ERECTION DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION OF MATERIALS. DO NOT BEGIN FABRICATION OR CONSTRUCTION UNTIL SUCH REVIEW IS COMPLETE.

VERIFY ALL DIMENSIONS ON STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL DRAWINGS. NOTIFY ARCH WITH ANY DISCREPANCIES.

COORDINATION WITH OTHER TRADES:

THE CONTRACTOR SHALL COORDINATE AND CHECK ALL DIMENSIONS RELATING TO ARCHITECTURAL FINISHES, MECHANICAL OPENINGS, EQUIPMENT, ETC. NOTIFY THE ARCH/ENGR OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK IN THE AREA UNDER QUESTIONS. WHERE THERE ARE DISCREPANCIES BETWEEN ANY DRAWINGS OR THE DRAWINGS AND THE SPECIFICATIONS, THE CONTRACTOR SHALL ASSUME THE HIGHEST QUALITY OR QUANTITY OR HIGHEST COST ITEM.

VERIFY DIMENSIONS AND LOCATIONS OF MECHANICAL AND ELECTRICAL OPENINGS THROUGH CONCRETE SLABS, SHOWN ON THE STRUCTURAL DRAWINGS, WITH THE MECHANICAL AND ELECTRICAL CONTRACTORS.

THE MECHANICAL CONTRACTOR SHALL NOTIFY THE ARCH/ENGR OF ANY MECHANICAL UNIT SUPPORTED BY THE STRUCTURE, NOT SHOWN ON THE STRUCTURAL DRAWINGS, WHOSE WEIGHT IS GREATER THAN 500 POUNDS.

FOUNDATION:

VAPOR BARRIER SHALL BE 6MIL VISQUEEN UNLESS NOTED OTHERWISE.

FOR INFORMATION REGARDING SUBSURFACE CONDITIONS, REFER TO SOILS INVESTIGATION REPORT BY ALT & WITZIG ENGINEERING, DATED OCTOBER 11, 2006 (PROJECT NO. 06IN0768).

"SF" DENOTES FOOTING STEP.

"TW XX'X"" DENOTES TOP OF WALL ELEVATION.

"CJ" DENOTES SAW CUT CONTROL JOINT IN SLAB ON GRADE.

"TOF" DENOTES TOP OF FOOTING ELEVATION.

"LE XX'X"" INDICATES CONCRETE LEDGE ELEVATION.

TOP OF FINISH FLOOR SLAB ELEVATION = 0'0" UNLESS INDICATED OTHERWISE.

SOG = SLAB ON GRADE. UNLESS OTHERWISE NOTED, USE 4" THICK, CLASS B CONCRETE, PLACE ON 6" COMPACTED GRANULAR MATERIAL (98% MODIFIED MAX DRY DENSITY).

CENTER COLUMN PIERS AND FOOTINGS ON COLUMN LINES AND CENTER WALL FOOTINGS UNDER WALLS UNLESS SHOWN OTHERWISE.

THE CONTRACTOR SHALL EMPLOY THE SERVICES OF A QUALIFIED TESTING FIRM TO PROVIDE INSPECTION AND TESTING OF BEARING SOILS AT EACH FOUNDATION TO ASSURE ADEQUATE BEARING CAPACITY. IF UNSUITABLE MATERIAL IS FOUND, THE PROPOSED FOOTING ELEVATION SHALL BE REESTABLISHED BY LOCALIZED UNDERCUTTING. SEE SOILS REPORT.

"W.C.J." DENOTES VERTICAL WALL CONTROL JOINT. EXTEND CONTROL JOINT FROM TOP OF FOOTING TO TOP OF WALL UNLESS INDICATED OTHERWISE. PROVIDE THICKENED SLAB UNDER MASONRY WALLS NOT SUPPORTED BY A FOOTING. SEE DETAIL X/S3.1. SEE ARCH DWGS FOR WALL LOCATIONS.
SSS'-S" INDICATES TOP OF SLAB SPOT ELEVATION.
– – – – – – INDICATES LOCATION OF BRACING. SEE BRACING ELEVATIONS.
XXXXX INDICATES LOCATION OF SLAB SETBACK AT DOOR OPENINGS. COORDINATE LOCATION ON ARCH DWGS.

PREPARE AREAS OF THE SITE SUPPORTING STRUCTURE BY REMOVING TOPSOIL, EXISTING FILL, ORGANIC MATERIAL, OR FROZEN, WET, SOFT, LOOSE OR OTHERWISE UNSUITABLE MATERIALS.

PROOF-ROLL THE EXPOSED SUB-GRADE WITH A MEDIUM WEIGHT ROLLER TO DETERMINE IF ANY POCKETS OF SOFT, UNSUITABLE MATERIAL EXISTS BENEATH THE EXPOSED SUB-GRADE. REMOVE ANY UNSUITABLE MATERIAL ENCOUNTERED AND REPLACE WITH A WELL COMPACTED GRANULAR.
THE CONTRACTOR SHALL EMPLOY THE SERVICES OF A TESTING AGENCY. THE TESTING AGENCY SHALL OVERSEE PLACEMENT AND COMPACTION OF ENGINEERED FILL. PLACE FILL MATERIAL IN LAYERS NOT EXCEEDING 8 INCHES IN LOOSE THICKNESS. MECHANICALLY COMPACT EACH LAYER TO AT LEAST THE REQUIRED MINIMUM DRY DENSITY.

COMPACT ALL ENGINEERED FILL BENEATH SLABS-ON-GRADE AND OVER FOOTINGS TO 93% MODIFIED PROCTOR MAXIMUM DRY DENSITY, ASTM D-1557.

FOOTINGS NOT SUPPORTED BY ENGINEERED FILL SHOULD BEAR ON FIRM, UNDISTURBED MATERIAL. IF UNSUITABLE MATERIAL IS ENCOUNTERED, REESTABLISH THE BEARING ELEVATION OF THE FOOTING BY LOCALIZED UNDERCUTTING, FILLING WITH SUITABLE GRANULAR MATERIAL OR LEAN CONCRETE AS RECOMMENDED BY THE TESTING AGENCY.

TESTING AGENCY SHALL VERIFY THE ALLOWABLE BEARING CAPACITY AT EACH SPREAD FOOTING AND EVERY 10 FEET ON CENTER FOR STRIP FOOTINGS PRIOR TO PLACEMENT OF CONCRETE.

BEARING: FOOTINGS TO BEAR ON UNDISTURBED SOIL OR ENGINEERED FILL WITH A NET ALLOWABLE BEARING CAPACITY OF NOT LESS THAN 3000 PSF FOR COLUMN FOOTINGS AND 2400 FOR WALL FOOTINGS AS RECOMMENDED IN THE GEOTECHNICAL ENGINEERING REPORT.

PLACE FOOTINGS THE SAME DAY EXCAVATIONS ARE OPENED. IF THIS IS NOT POSSIBLE, ADEQUATELY PROTECT THE EXPOSED MATERIAL IN THE BASSES OF THE FOOTING EXCAVATION FROM ANY DETRIMENTAL CHANGE IN CONDITIONS, SUCH AS FROM DISTURBANCE, RAIN OR FREEZING. SURFACE RUNOFF SHALL NOT BE ALLOWED TO ENTER THE EXCAVATIONS.

CONCRETE RETAINING WALLS MUST HAVE REACHED 100 PERCENT OF THEIR REQUIRED 28 DAY COMPRESSIVE STRENGTH BEFORE BACKFILLING OPERATIONS BEGINS.

PLACE ALL FOOTINGS IN WOOD FORMS. CONTRACTOR OPTION: EARTH FORM CONTINUOUS FOOTINGS AND FOOTING PADS.

BACKFILL EACH SIDE OF CONCRETE WALLS WITH EARTH ON BOTH SIDES SIMULTANEOUSLY.

BACKFILL PLACED AGAINST CONCRETE RETAINING WALLS SHALL BE A WELL-GRADED GRANULAR MATERIAL.

STEP FOOTINGS DOWN AT 2:1 RATIO. UNO.

BOTTOM OF EXTERIOR FOOTINGS TO BE 2'-6" MINIMUM BELOW FINISH GRADE.
CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND COORDINATE WITH ACTUAL FIELD CONDITIONS PRIOR TO PROCEEDING WITH ANY WORK.

SPECIFICATION FOR COMPACTED FILLS AND BACKFILLS:

ALL FILL SHALL BE FORMED FROM MATERIAL FREE OF VEGETABLE MATTER, RUBBISH, LARGE ROCK, AND OTHER DELETERIOUS MATERIAL.
PRIOR TO PLACEMENT OF FILL, A SAMPLE OF THE PROPOSED FILL MATERIAL SHOULD BE SUBMITTED TO THE SOILS ENGINEER FOR HIS APPROVAL.
THE FILL MATERIAL SHOULD BE PLACE IN LAYERS NOT TO EXCEED EIGHT (8) INCHES IN LOOSE THICKNESS AND SHOULD BE SPRINKLED WITH WATER AS REQUIRED TO SECURE SPECIFIED COMPACTIONS. EACH LAYER SHOULD BE UNIFORMLY COMPACTED BY MEANS OF SUITABLE EQUIPMENT OF THE TYPE REQUIRED BY THE MATERIALS COMPOSING THE FILL. UNDER NO CIRCUMSTANCES SHOULD A BULLDOZER OR SIMILAR TRACKED VEHICLES BE USED AS COMPACTING EQUIPMENT. MATERIAL CONTAINING AN EXCESS OF WATER SO THAT SPECIFIED COMPACTION LIMITS CANNOT BE ATTAINED SHOULD BE SPREAD AND DRIED TO A MOISTURE CONTENT, WHICH WILL PERMIT PROPER COMPACTION. ALL FILL SHOULD BE COMPACTED TO THE SPECIFIED PERCENT OF THE MAXIMUM DENSITY OBTAINED IN ACCORDANCE WITH ASTM DENSITY TEST D-698 (98 PERCENT OF MAXIMUM DRY DENSITY BELOW THE BASE OF FOOTINGS, AND 95 PERCENT OF MAXIMUM DRY DENSITY BENEATH FLOOR SLABS AND PAVED AREAS). SHOULD THE RESULTS OF THE IN-PLACE DENSITY TESTS INDICATE THAT THE SPECIFIED COMPACTION LIMITS ARE NOT OBTAINED; THE AREAS REPRESENTED BY SUCH TESTS SHOULD BE REWORKED AND RETESTED AS REQUIRED UNTIL THE SPECIFIED LIMITS ARE REACHED.
WALLS WITH FILL ON BOTH SIDES: PLACE FILL EQUALLY EACH SIDE WITH A 1'-6" MAXIMUM DIFFERENTIAL IN HEIGHT AT ANY TIME.
PROVIDE TESTS OF COMPACTED FILL UNDER FOOTINGS AND SLABS ON GRADE BY AN APPROVED SOILS TESTING AGENCY IN ACCORDANCE WITH ASTM D1556, ASTM D2922 OR OTHER APPROVED METHOD.

REINFORCED CONCRETE:

MATERIALS:
CONCRETE STRENGTH SHALL BE AS FOLLOWS:

SLABS ON GRADE	4000 PSI
FTGS	3000 PSI
WALLS, BEAMS	4000 PSI
BONDED CONCRETE TOPPING OVER 10" PANELS	4000 PSI
BONDED CONCRETE TOPPING OVER 12" PANELS	6000 PSI
ALL OTHER	4000 PSI

CONCRETE EXPOSED TO EXTERIOR WEATHER SHALL HAVE 5% TO 7% AIR ENTRAINMENT.

SUBMIT SHOP DRAWINGS FOR PROPRIETARY MATERIALS AND ITEMS, INCLUDING ADMIXTURES, PATCHING COMPAUNDS, JOINT SYSTEMS, CURING COMPOUNDS, ETC. SUBMIT LABORATORY TESTS REPORTS FOR CONCRETE MATERIALS AND MIX DESIGN TESTS FOR EACH STRENGTH OF CONCRETE.

CALCIUM CHLORIDE SHALL NOT BE USED.

MAXIMUM SLUMP FOR CONCRETE SHALL BE AS FOLLOWS:

SLABS ON GRADE	4"
FOOTINGS	5"
REMAINING CONCRETE	4"
WALLS AND COLUMNS	4" AT DISCHARGE

REINFORCING:
DEFORMED REINFORCING BARS SHALL BE ASTM A615, GRADE 60.

WELDED WIRE FABRIC (W.W.F.) SHALL BE ASTM A185. SHEETS NOT ROLLS FOR TOPPING SLABS.

PLACEMENT:
ARRANGE, SUPPORT AND INSTALL ALL REINFORCING BARS AS PER C.R.S.I. "MANUAL OF STANDARD PRACTICE".

CONCRETE DESIGN AND CONSTRUCTION SHALL CONFORM TO ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".

CONCRETE PROTECTION AND MINIMUM COVER FOR REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ACI 318.

PROVIDE FOOTING DOWELS FOR VERTICAL WALL REINFORCEMENT, PIERS AND COLUMNS. DOWELS SHALL BE THE SAME SIZE AND SPACING AS THE VERTICAL WALL/PIER/COLUMN REINFORCEMENT, UNLESS NOTED OTHERWISE, WITH LAP SPLICES AS INDICATED ON THE APPLICABLE SECTIONS OR AS SPECIFIED IN THESE SPECIFICATIONS. INSTALL DOWELS IN THE FOOTING FORMS BEFORE CONCRETE IS PLACED, SUPPORTING AND TYING THEM SECURELY IN POSITION. DO NOT STICK DOWELS INTO FOOTINGS AFTER CONCRETE IS PLACED.

LAP SPLICES SHALL BE A MINIMUM OF 40 BAR DIAMETERS UNLESS OTHERWISE NOTED ON THE DRAWINGS.

HORIZONTAL FOUNDATION/CONTINUOUS FOOTING REINFORCING SHALL BE CONTINUOUS THROUGH ALL PIERS AND SPREAD FOOTINGS.

ARRANGE PIER VERTICALS AND PROVIDE TIES IN ACCORDANCE WITH ACI 315, "UNIVERSAL COLUMN TIES FOR STANDARD COLUMNS" AND C.R.S.I. "MANUAL OF STANDARD PRACTICE" AND ACI 318.

LAP HORIZONTAL REINFORCING BARS 2' – 0" MINIMUM AROUND CORNERS OF FOOTINGS AND WALLS. PROVIDE CORNER DOWELS AS NECESSARY. ALL HORIZONTAL BARS IN WALLS OR GRADE BEAMS SHALL BE BENT AT CORNERS AND INTERSECTIONS IN SUCH A WAY THAT CONTINUITY IS PROVIDED THROUGH THE JOINT.

PLACE #5 BARS IN EACH FACE AROUND ALL WALL OPENINGS AND AT EACH CORNER OF BOX OUTS PLACED AT 45°. EXTEND BARS 2' – 0" BEYOND OPENING.

ANCHOR BOLTS TO BE ASTM A307 UNLESS NOTED OTHERWISE. PLACE ANCHOR BOLTS IN CONFORMITY WITH ANCHOR BOLT PLAN PREPARED BY THE STEEL FABRICATOR.

CAST ANCHORS, SLEEVES, INSERTS, CONDUITS, PIPES, ETC. INTO CONCRETE AS SHOWN ON THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, REFRIGERATION AND OTHER DRAWINGS. DOVETAIL SLOTS SHALL BE HECKMANN BUILDING PROD. STANDARD NO.100, 22GA OR EQUAL.

PROVIDE VERTICAL CONTROL JOINTS IN CONCRETE WALLS WHERE SHOWN ON DRAWINGS UNLESS NOTED OTHERWISE ON ARCHITECTURAL PLANS AND ELEVATIONS. SEE TYPICAL DETAIL 8/S2.1.

PROVIDE DUMBBELL STYLE WATER STOP IN LENGTH SPECIFIED ON THE DRAWINGS. SUBMIT SHOP DRAWINGS FOR APPROVAL.

PROVIDE #5 AT 12" EACH WAY OF ANY REINFORCED CONCRETE WALLS NOT OTHERWISE DETAILED.

SETS OF CHECKED REINFORCING BAR DETAILS TO BE SUBMITTED FOR APPROVAL BEFORE BEGINNING FABRICATION.

SHORING:
BRACE WALLS AND PIERS AS REQUIRED DURING BACKFILLING AND COMPACTING. FORMWORK SHALL BE PREPARED BY OR UNDER THE SUPERVISION OF A QUALIFIED PROFESSIONAL ENGINEER DETAILING ALL ASPECTS OF FORMWORK. DESIGN AND ENGINEERING OF FORMWORK ARE CONTRACTOR'S RESPONSIBILITY.

FLOOR SLABS:
TOP OF FIRST FLOOR ELEVATION = (766.67') UNLESS NOTED OTHERWISE ON PLANS.

FLOOR JOINTS IN SLAB-ON-GRADE SHALL BE AS SHOWN ON FDN PLAN OR IN LINE WITH COLUMN LINES OR WALLS OR SHALL BE EQUALLY SPACED UNLESS NOTED OTHERWISE ON PLANS. JOINT SPACING NOT TO EXCEED 36 x SLAB THICKNESS UNLESS NOTED OTHERWISE. CONTRACTOR SHALL SUBMIT PROPOSED FLOOR JOINT LAYOUT TO ENGINEER FOR REVIEW PRIOR TO PLACEMENT OF ANY SLABS. CONTROL JOINTS IN TOPPING SLAB SHALL NOT EXCEED 15' IN ANY DIRECTION. FILL/CAULK JOINTS AS CALLED OUT ON ARCH'S DWGS.

IN AREAS WHERE FLOOR SLOPES ARE TO BE PROVIDED, HIGH POINT SHALL EQUAL FINISHED FLOOR ELEVATION. SLOPE FINISHED FLOOR DOWN TO MATCH ELEVATION OF TOP OF FLOOR DRAIN GRATE, CLEAN – OUT COVER, ETC. WHILE MAINTAINING THE MINIMUM SPECIFIED SLAB THICKNESS THROUGHOUT UNLESS NOTED OTHERWISE. CONTRACTOR TO COORDINATE WITH MECHANICAL UNDER-FLOOR PLUMBING DRAWINGS FOR TOP OF GRATE ELEVATIONS AND LOCATIONS. IMMEDIATELY REPORT ANY CONFLICTS TO THE ENGINEER PRIOR TO PLACING FLOOR SLABS. WHERE NO SLOPES ARE TO BE PROHIBITED, PROVIDE 4' – 0" DIA. DISHES AROUND FLOOR DRAINS WHERE SHOWN ON THE MECHANICAL UNDER-FLOOR PLUMBING DRAWINGS (U.N.O.).

TESTING/INSPECTION:
CONCRETE TESTING/INSPECTION SHALL BE PERFORMED BY A QUALIFIED TESTING OR INSPECTION AGENCY HIRED BY THE CONTR.

SAMPLE AND TEST CONCRETE IN ACCORDANCE WITH ACI 301, AND FORWARD RESULTS TO ENGINEER FOR REVIEW.

PROVIDE SET(S) OF (5) TEST CYLINDERS FOR EACH DAY'S POUR, AS OUTLINED IN THE SPECIFICATIONS. BREAK (2) AT 7 DAYS AND (2) AT 28 DAYS. IF CONCRETE STRENGTH IS ADEQUATE, DISCARD LAST CYLINDER, OTHERWISE BREAK AT 56 DAYS.

PROVIDE FOR AN INDEPENDENT INSPECTION OF THE BUILDING GROUNDING SYSTEM TO ENSURE THAT THE COLUMN GROUNDING RODS, CABLES AND CONNECTIONS ARE PROPERLY CONSTRUCTED. INSPECTION AGENCY TO PROVIDE WRITTEN BUILDING GROUNDING SYSTEM HAS BEEN PROPERLY CONSTRUCTED.

TEST CYLINDERS FOR THE SLAB-ON-HOLLOWCORE-DECK PANELS SHALL BE AT THE POINT OF DISCHARGE.

FINISHES:
CONCRETE FINISHES SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS:

STEEL TROWEL	FOR FLOORS
MEDIUM BROOM	FOR EXTERIOR STAIRS, RAMPS, STOOPS, ETC.
SMOOTH FORM FINISH	WALLS EXPOSED TO PUBLIC VIEW
SMOOTH FORM FINISH	OTHER SURFACES EXPOSED TO PUBLIC VIEW
GROUT CLEANED	FOR WALLS, PIERS, ETC. WHERE NOTED ON DWGS.

PROVIDE ½" CHAMFER ON ALL EXPOSED EDGES, UNLESS NOTED.

CURE SLABS WITH CURING COMPOUNDS OR MOISTURE RETENTION COVERS AS DESCRIBED IN THE PROJECT SPECIFICATIONS. INSTALL PER MANUFACTURERS INSTRUCTIONS. FLOORS THAT ARE TO RECEIVE A FLOOR COVERING, CONTR TO VERITY THAT ANY CURING COMPOUNDS ARE COMPATIBLE AND ALLOW FOR PROPER ADHESION.

CONCRETE UNIT MASONRY:

CONCRETE MASONRY UNITS SHALL BE REGULAR WEIGHT, ASTM C90, UNO. WITH F'm = 2000 PSI, RUNNING BOND WITH STANDARD 9GA LADDER STYLE JOINT REINFORCEMENT AT 16" OC VERT.

MORTAR SHALL BE TYPE S ABOVE GRADE, TYPE M BELOW GRADE.

PROVIDE CONTROL JOISTS IN MASONRY WALL WHERE SHOWN ON THE ARCH PLANS AND ELEVATIONS. WHERE NOT SHOWN CONTROL JOINTS SPACING TO BE MAXIMUM 40'-0" OC OR (2) TIMES HEIGHT OF WALL, WHICHEVER IS LESS.

ALL BOND BEAM BLOCKS SHALL BE KNOCK-OUT BOTTOMS.

COORDINATE WITH ARCHITECTURAL DRAWINGS FOR HEIGHT OF MASONRY WALLS.

ALL REBAR SHALL BE GRADE 60, Fy = 60 KSI.

LAP ALL REBAR 40 BAR DIAMETERS.

LAP ALL JOINT REINFORCEMENT MINIMUM 8".

BLOCKS TO BE FILLED SHALL HAVE CELLS WITH WEBS IN ALIGNMENT IN COMPLETED WALL. FILL ALL COURSES SOLID WITH GROUT OR LEAN CONCRETE BELOW FINISH FLOOR.

PROVIDE PIPE SLEEVES OF APPROPRIATE SIZE AND MATERIAL FOR PENETRATIONS PASSING THROUGH MASONRY WALLS. INCLUDE ANY MISC EMBEDDED STEEL ITEMS FOR ALL TRADES WHICH MUST BE SET IN MASONRY WALL AS SHOWN ON ALL DRAWINGS.

EXPANSION BOLTS AND SLEEVE ANCHORS WHERE NOTED ON THE DRAWINGS SHALL BE AS MANUFACTURED BY RED-HEAD, HILTI OR EQUAL. ANCHORS TO BE INSTALLED IN SOLIDLY GROUTED MASONRY OR SOUND CONCRETE. ANCHORS SHALL BE ICBO APPROVED.

LINTELS SHALL HAVE 8" MIN BEARING AT EACH END AND SET IN A FULL BED OF MORTAR IN A FILLED OR SOLID BLOCK. UNLESS NOTED ALL LINTELS SHALL BE FULL WIDTH OF WALL WITH 2-#4 BARS, 8" HIGH.

LINTELS BEARING AT CONTROL JOINTS IN MASONRY SHALL BE WRAPPED WITH PAPER AT THE CONTROL JOINTS.

CONTR SHALL SHORE LINTELS TO PREVENT ROTATION DURING CONSTRUCTION.
JOINT REINFORCEMENT SHALL BE LADDER TYPE DESIGN, 9GA SPACED AT 16" ON CENTERS VERTICALLY UNLESS NOTED.

ALL DESIGN AND CONSTRUCTION SHALL BE PER ACI-530 "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" AND ACI-318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"

ALL CONCRETE MASONRY UNIT WALLS SHALL BE REINFORCED W/ 1-#6 @ 48" UNLESS OTHERWISE NOTED.

PROVIDE MINIMUM 16GA GALVANIZED DOVETAIL ANCHORS AT EVERY OTHER COURSE WHERE DOVETAIL SLOTS OCCUR IN ADJACENT CONCRETE WALLS OR PIERS.

RELIEVING ANGLES SHALL BE DISCONTINUOUS AT CONTROL JOINTS.

FILL CORES OF CONCRETE BLOCKS SOLID WITH CONCRETE OR USE SOLID MASONRY UNITS FOR A DISTANCE OF 16" BELOW BEAMS AND SLABS SUPPORTED ON MASONRY WALLS UNLESS OTHERWISE NOTED.

GROUT SHALL MEET THE REQUIREMENTS OF ASTM C404. GROUT TO BE 7 BAG MIX WITH 3/8" PEA GRAVEL WITH MINIMUM STRENGTH OF 3000PSI. GROUT TO BE PLACED IN 4'-0" MAXIMUM LIFTS. GROUT TO BE STOPPED TO FORM A 1-1/2" KEY AT JOINTS. POSITION REINFORCING BARS PRIOR TO GROUT PLACEMENT. DO NOT FLOAT REBARS IN GROUTED CORE.

ALL STEEL SHELF ANGLES FOR SUPPORT OF BRICK, STONE, ETC. SHALL BE HOT DIPPED GALVANIZED.

THE TOPS OF ALL INTERIOR WALLS SHALL BE BRACED TO THE STRUCTURE ABOVE.

PROVIDE ONE #6 BAR EACH SIDE OF DOOR OPENINGS, WINDOW OPENINGS AND AT EACH CORNER.
PROVIDE 2-#3 BENT BARS IN CORNERS OF BOND BEAMS.

PRECAST HOLLOW CORE PANELS

General: The work under this section shall be furnished and/or furnished and erected in conformity with the general conditions, special conditions, including modifications and governing contract documents.

Work Included:
1. Furnish, deliver and erect all prestressed floor and roof slabs.
2. If purchaser elects to do own erection, Manufacturer reserves the right to direct and inspect the erection and grouting.
3. Furnish and install weld plates, headers, as required per shop drawings.
4. Grouting of the joints with 3:1 sand/cement mix design shall be done by the erector in a workmanlike manner.
5. Submit shop drawings to the Architect for approval, showing setting plan, reinforcing details, embed plates, z-bars, etc.
6. The furnishing of openings greater than 6" diameter, as shown on plans.

Work Not Included:
1. Caulking joints in finished ceiling area as required.
2. Concrete topping.
3. Concrete for lintels at wall connections.
4. Forming, shoring and miscellaneous supports.
5. Hangers for piping, conduit, etc.
6. Mechanical openings less than 6" in diameter.

Materials and Fabrication:
1. Floor slabs shall be Pre-stressed Hollow Core Panels.
2. Materials Used in the Manufacture of Hollow Core Panels Shall Conform to the Following Specifications:
3. All concrete materials shall be clean, and properly graded. The concrete shall have a minimum compressive strength of 3500 PSI at release of prestress strands and 6500 PSI at 28 days. For concrete topping, see concrete specifications.
4. Prestressing strands shall be uncoated, 7 wire low relaxation conforming to A.S.T.M. C-416.
5. Portland Cement A.S.T.M. C-150
6. Concrete Aggregates A.S.T.M. C-33.
7. No admixtures shall be used.
8. Curing of slabs shall be by a method suitable to obtain uniformity of color and strength. The strength shall be as specified under item (1).
9. Slabs shall be 48" x 6" with 8-4" dia cores, 48" x 8" with 6-6" dia cores, 48" x 10", with 5-7 ½" dia. Cores, 48" x 11", with 5-7 ½" dia. cores or 48" x 12", with 4-9 9/16" dia. Cores in each slab and prestressed to sustain the superimposed loads as indicated on the drawings. In general the design of the slabs shall conform to ACI 318 and PCI design handbook.
10. All welds shall be visually inspected by an independent testing agency.
11. Z-bars shall be minimum 12ga., 3" wide.

Erection and Installation:
1. Erection shall be carried out by experienced workman under competent supervision.
2. Bearing surface shall be prepared by others true to a level line. Minimum recommended bearing is 3" on masonry or concrete, and 2½" on structural steel.
3. Installation of the slabs shall be made by leveling the floor and roof units in a workmanlike manner, keeping the units tight and at right angles to the bearing walls.
4. ½" Ethafoam rope shall be placed in the bottom of the grout joint. The rope shall be placed securely so as not to permit grout to seep through the joint.
5. Slabs shall be grouted by a 1:3 cement-sand mix with proper care taken to see that the joints are properly filled. Grout requirements: 1 cubic yard per 2500 square feet.
6. Welding shall be done by experienced welders to fulfill the details shown on the drawings.

Tolerances:
1. Length ± ½"
2. Cross section dimensions ± ¼"
3. Weld plates and inserts ± 1"
4. Openings ± 1 ½"
5. Squareness ± ½"
6. Differential camber of units of like design less than ¼" per 10'-0", but not greater than ½"
7. Finish: Normal plant run finish. Small surface holes caused by air bubbles, minor chips and spalls will be tolerated.

LABOR BRUCE ARCHITECTURE & DESIGN
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REVISIONS
one 2-22-07

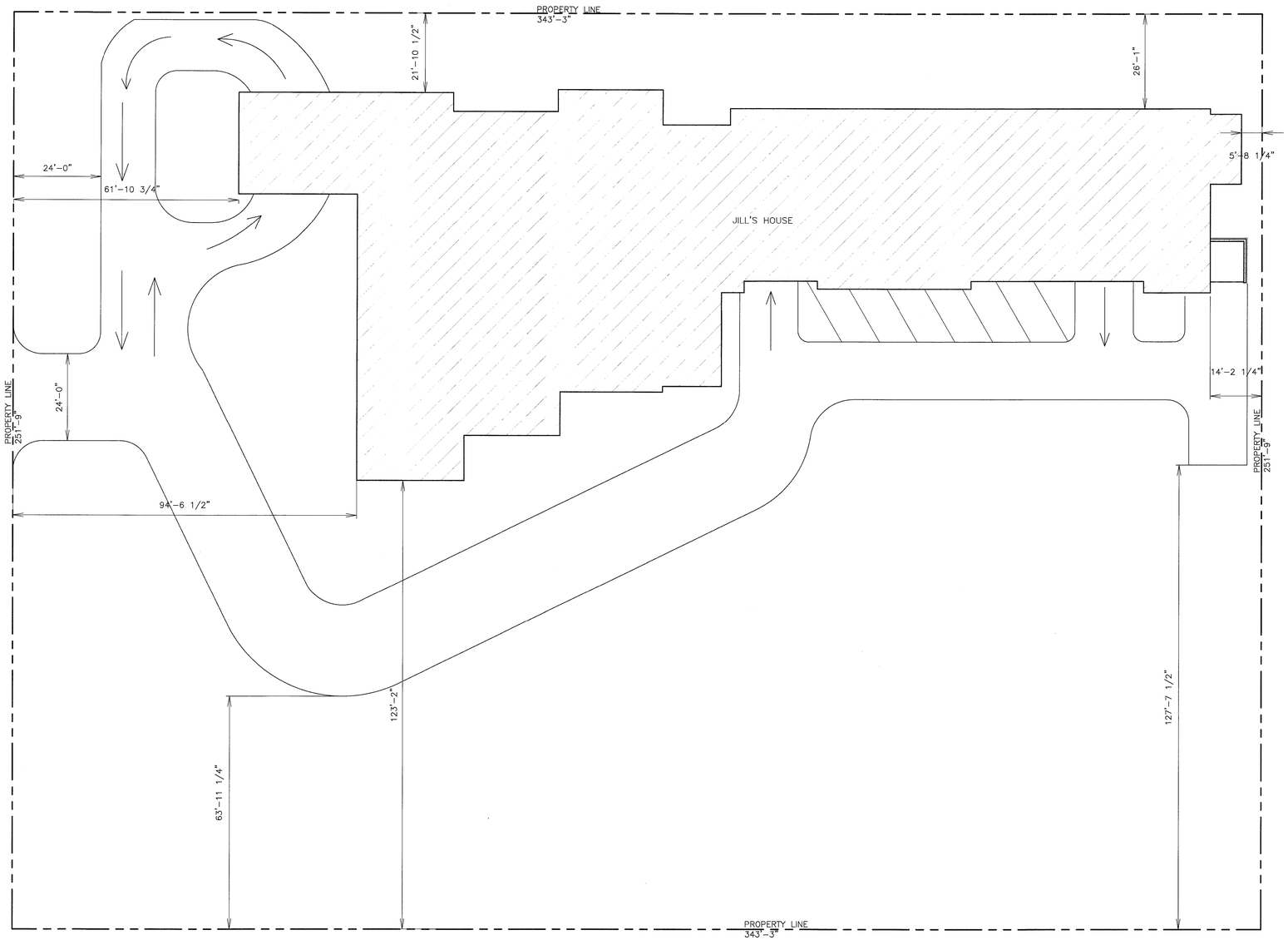
LJ ENGINEERING
PO BOX 1365
COLUMBUS, IN 47202
PH 812-372-3732

New Facility for:
JILL'S HOUSE
751 East Tamarack Trail
BLOOMINGTON, INDIANA 47408

JAMES N. LEWIS
REGISTERED
No. 900432
STATE OF
INDIANA
PROFESSIONAL ENGINEER

PROJECT NO. 1253
DATE 2-13-07
DRAWN BY JNL
CHECKED BY JL
SHEET NAME
NOTES
SPECIFICATIONS

SHEET NO.
S6.0
CONST



1 SITE PLAN

SCALE:1/16" = 1'-0" - 86440 sq. ft.

N

Feb 14, 2007 – 3:11pm
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TABOR BRUCE
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213 S. ROGERS STREET – BLOOMINGTON, IN.47404
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REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

EDWARD DOUGLAS BRUCE
REGISTERED
NO. AR19900009
STATE OF INDIANA
ARCHITECT

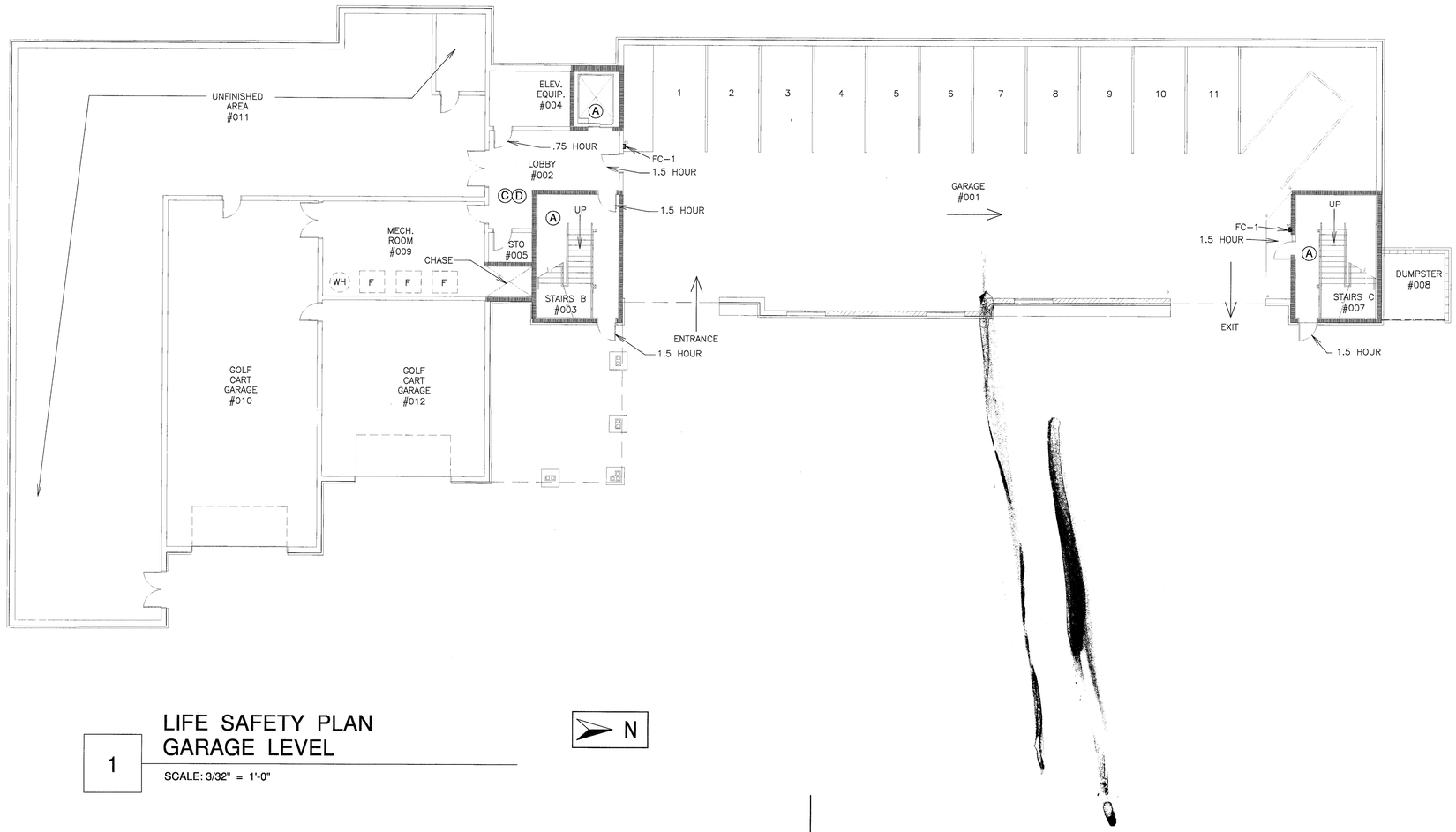
PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP, MRF
CHECKED BY	D. BRUCE

SHEET NAME
SITE PLAN

SHEET NO.
S1

CONSTRUCTION

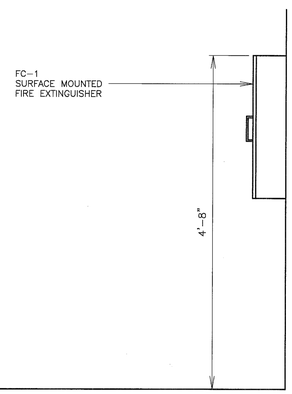
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1 LIFE SAFETY PLAN
GARAGE LEVEL

SCALE: 3/32" = 1'-0"

N



2 MOUNTING HEIGHT OF
FIRE EXTINGUISHERS

SCALE: 1" = 1'-0"

LIFE SAFETY PLAN NOTES:

A. ALL SHAFTS WITH PENETRATION FROM BASEMENT/GARAGE LEVEL TO FLOORS ABOVE TO BE 2 HR. FIRE RATED W/ 1.5 HR. RATED DOORS W/CLOSURES. DOORS TO STAIR SHALL HAVE 100 SQ. IN. MAX VIEWPORT GLASS.

B. ALL SHAFTS WITH PENETRATION THROUGH UPPER TWO LEVELS ONLY ARE TO BE 1 HOUR FIRE RATED

C. PROVIDE 2 LAYERS 5/8" TYPE X GYPSUM BOARD IN ALL MECHANICAL ROOMS, STORAGE & CHASE AREAS ON CEILINGS.

D. ALL STORAGE, MECHANICAL ROOMS 1 HOUR FIRE RATED WITH SMOKE SEAL ON DOORS.

E. FOR 1 HOUR RATED BEDROOM HALLWAYS #113 & 218, PROVIDE ONE LAYER OF TYPE 'X' 5/8" GYPSUM BOARD ON HALLWAY WALLS & PROVIDE 2 LAYERS OF TYPE 'X' 5/8" GYPSUM BOARD OVER RESILIENT CHANNELS ON CEILING IN HALLWAYS.

F. ALL GUEST ROOM AND STAIRWELL DOORS TO HAVE SMOKE SEALS.

G. GARAGE LEVEL IS CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.

H. BUILDING IS EQUIPPED WITH NFPA 13 SPRINKLER SYSTEM THROUGHOUT.

LIFE SAFETY SYMBOLS LEGEND

FC-1 LARSEN MP5, 5 LB EXTINGUISHER
2A-10 B;C
EXTINGUISHER CABINET-LARSEN ARCHITECTURAL SERIES 2409-SM SURFACE MOUNTED, FULL CLEAR ACRYLIC DOOR WITH LARSEN LOCK

FC-2 LARSEN MP5, 5 LB EXTINGUISHER
2A-10 B;C
EXTINGUISHER CABINET-LARSEN MEDALLION SERIES-RECESSED FS BZ 2409-R3, FIRE RATED WITH VERT. DUO DOOR WITH CLEAR ACRYLIC DOOR
STANDARD #4 BRUSHED BRONZE FINISH

2-HOUR RATED MASONRY WALL

1-HOUR CORRIDOR

TABOR BRUCE
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REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

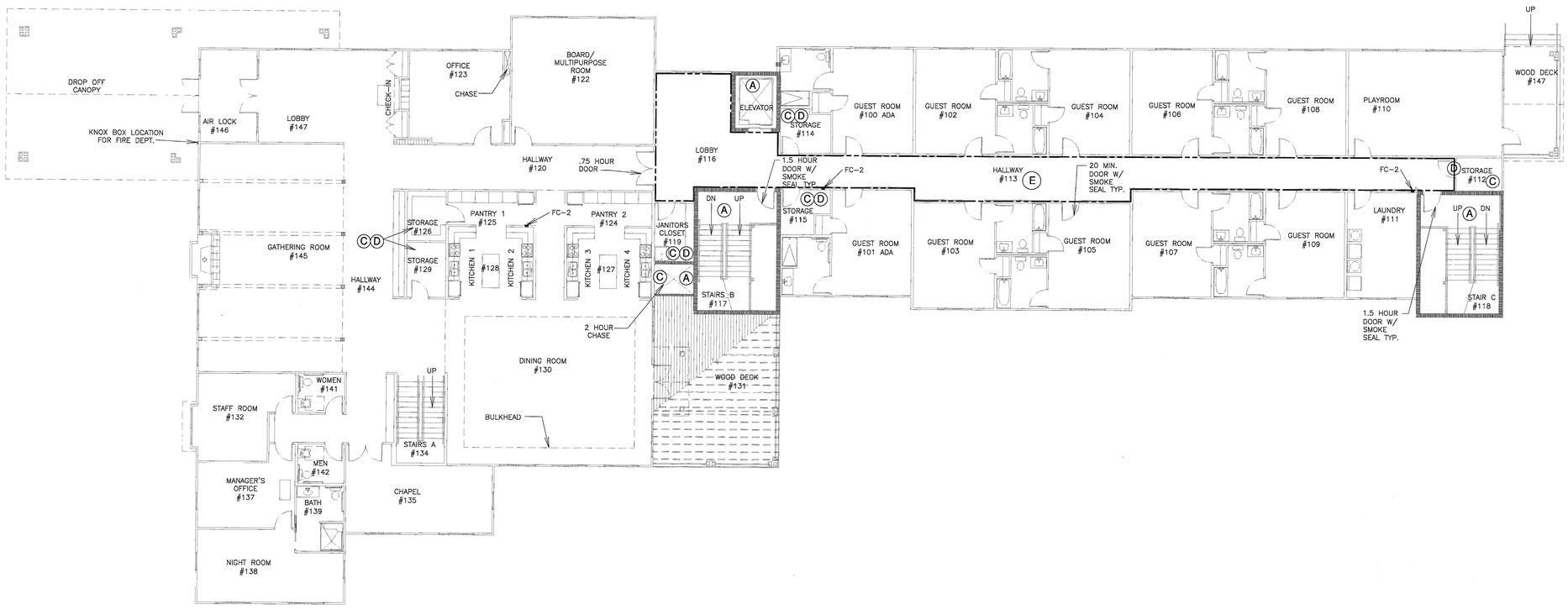
HOWARD DOUGLAS BRUCE
REGISTERED
NO. AR19900009
STATE OF INDIANA
ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP
CHECKED BY	D. BRUCE
SHEET NAME	PARKING AND FOUNDATION LIFE SAFETY
SHEET NO.	LS1

CONSTRUCTION

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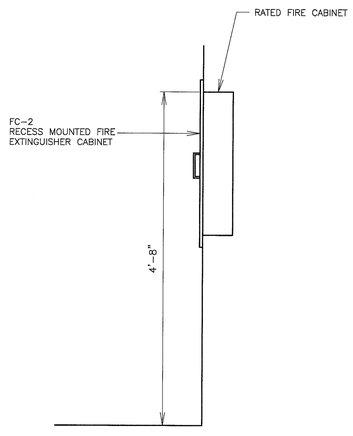
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1 LIFE SAFETY PLAN FIRST FLOOR

SCALE: 3/32" = 1'-0"

N



2 MOUNTING HEIGHT OF FIRE EXTINGUISHERS

SCALE: 1" = 1'-0"

LIFE SAFETY PLAN NOTES:

A. ALL SHAFTS WITH PENETRATION FROM BASEMENT/GARAGE LEVEL TO FLOORS ABOVE TO BE 2 HR. FIRE RATED W/ 1.5 HR. RATED DOORS W/CLOSURES. DOORS TO STAIR SHALL HAVE 100 SQ. IN. MAX VIEWPORT GLASS.

B. ALL SHAFTS WITH PENETRATION THROUGH UPPER TWO LEVELS ONLY ARE TO BE 1 HOUR FIRE RATED

C. PROVIDE 2 LAYERS 5/8" TYPE X GYPSUM BOARD IN ALL MECHANICAL ROOMS, STORAGE & CHASE AREAS ON CEILINGS.

D. ALL STORAGE, MECHANICAL ROOMS 1 HOUR FIRE RATED WITH SMOKE SEAL ON DOORS.

E. FOR 1 HOUR RATED BEDROOM HALLWAYS #113 & 218, PROVIDE ONE LAYER OF TYPE 'X' 5/8" GYPSUM BOARD ON HALLWAY WALLS & PROVIDE 2 LAYERS OF TYPE 'X' 5/8" GYPSUM BOARD OVER RESILIENT CHANNELS ON CEILING IN HALLWAYS.

F. ALL GUEST ROOM AND STAIRWELL DOORS TO HAVE SMOKE SEALS.

G. GARAGE LEVEL IS CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.

H. BUILDING IS EQUIPPED WITH NFPA 13 SPRINKLER SYSTEM THROUGHOUT.

LIFE SAFETY SYMBOLS LEGEND

FC-1 LARSEN MP5, 5 LB EXTINGUISHER 2A-10 B;C
EXTINGUISHER CABINET-LARSEN ARCHITECTURAL SERIES 2409-SM SURFACE MOUNTED, FULL CLEAR ACRYLIC DOOR WITH LARSEN LOCK

FC-2 LARSEN MP5, 5 LB EXTINGUISHER 2A-10 B;C
EXTINGUISHER CABINET-LARSEN MEDALLION SERIES-RECESSED FS BZ 2409-R3, FIRE RATED WITH VERT. DUO DOOR WITH CLEAR ACRYLIC DOOR
STANDARD #4 BRUSHED BRONZE FINISH

KNOX BOX - FIRE DEPARTMENT KEY ACCESS

2-HOUR RATED MASONRY WALL

1-HOUR CORRIDOR

TABOR BRUCE ARCHITECTURE & DESIGN
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REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

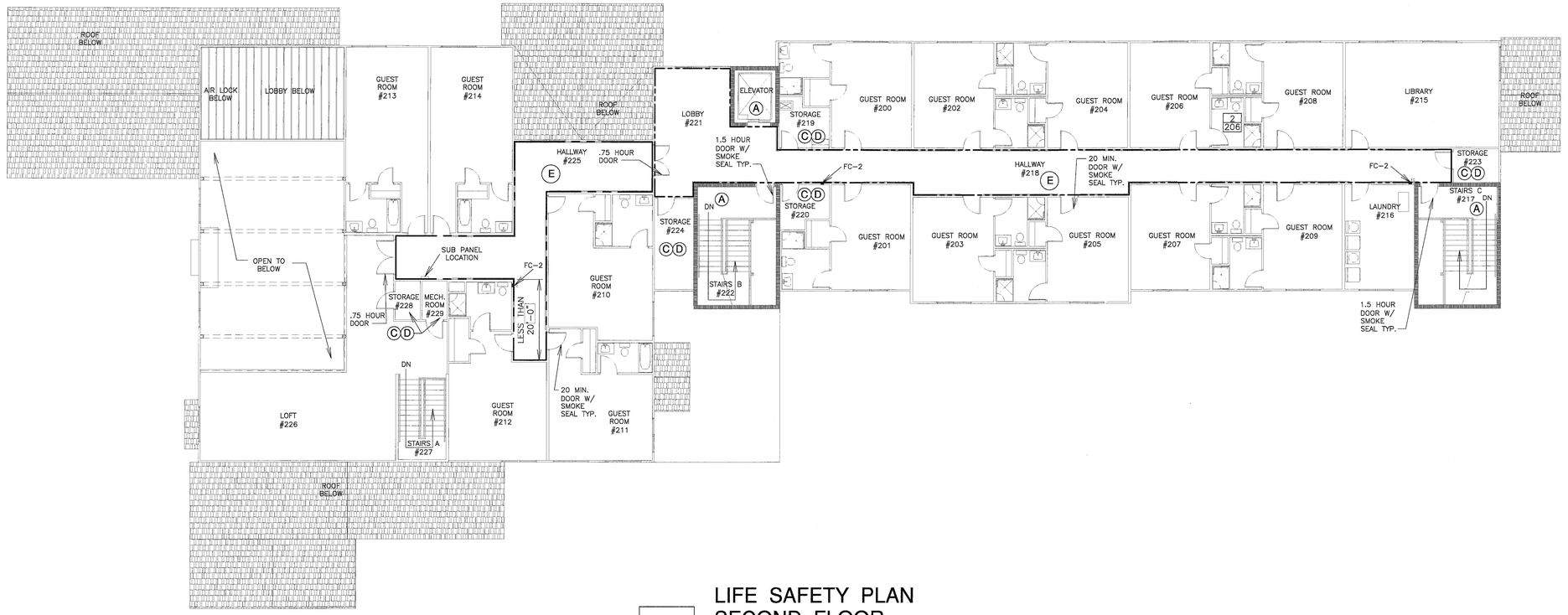
HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP / VB
CHECKED BY	D. BRUCE
SHEET NAME	FIRST FLOOR PLAN OVERALL LIFE SAFETY
SHEET NO.	LS2

CONSTRUCTION

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J:\CURRENT2006\JILL'S HOUSE\CURRENT\ LIFE SAFETY.dwg

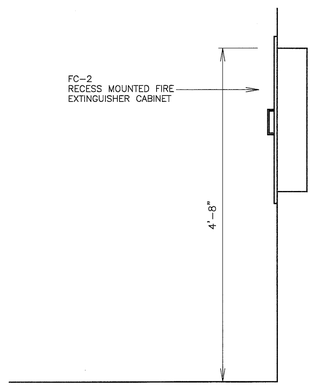
THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION AS "ARCHITECTURAL WORK" UNDER SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.O. AS AMENDED DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION, UNAUTHORIZED USE OF THESE PLANS, WORK OR HOME REPRESENTED, CAN LEGALLY RESULT IN THE CESSATION OF CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY COMPENSATION TO TABOR BRUCE ARCHITECTURE & DESIGN INC.



1 LIFE SAFETY PLAN SECOND FLOOR

SCALE: 3/32" = 1'-0"

N



2 MOUNTING HEIGHT OF FIRE EXTINGUISHERS

SCALE: 1" = 1'-0"

LIFE SAFETY PLAN NOTES:

A. ALL SHAFTS WITH PENETRATION FROM BASEMENT/GARAGE LEVEL TO FLOORS ABOVE TO BE 2 HR. FIRE RATED W/ 1.5 HR. RATED DOORS W/CLOSURES. DOORS TO STAIR SHALL HAVE 100 SQ. IN. MAX VIEWPORT GLASS.

B. ALL SHAFTS WITH PENETRATION THROUGH UPPER TWO LEVELS ONLY ARE TO BE 1 HOUR FIRE RATED

C. PROVIDE 2 LAYERS 5/8" TYPE X GYPSUM BOARD IN ALL MECHANICAL ROOMS, STORAGE & CHASE AREAS ON CEILINGS.

D. ALL STORAGE, MECHANICAL ROOMS 1 HOUR FIRE RATED WITH SMOKE SEAL ON DOORS.

E. FOR 1 HOUR RATED BEDROOM HALLWAYS #113 & 218, PROVIDE ONE LAYER OF TYPE 'X' 5/8" GYPSUM BOARD ON HALLWAY WALLS & PROVIDE 2 LAYERS OF TYPE 'X' 5/8" GYPSUM BOARD OVER RESILIENT CHANNELS ON CEILING IN HALLWAYS.

F. ALL GUEST ROOM AND STAIRWELL DOORS TO HAVE SMOKE SEALS.

G. GARAGE LEVEL IS CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.

H. BUILDING IS EQUIPPED WITH NFPA 13 SPRINKLER SYSTEM THROUGHOUT.

LIFE SAFETY SYMBOLS LEGEND

FC-1 LARSEN MP5, 5 LB EXTINGUISHER 2A-10 B;C
EXTINGUISHER CABINET-LARSEN ARCHITECTURAL SERIES 2409-SM SURFACE MOUNTED, FULL CLEAR ACRYLIC DOOR WITH LARSEN LOCK

FC-2 LARSEN MP5, 5 LB EXTINGUISHER 2A-10 B;C
EXTINGUISHER CABINET-LARSEN MEDALLION SERIES-RECESSED FS BZ 2409-R3, FIRE RATED WITH VERT. DUO DOOR WITH CLEAR ACRYLIC DOOR
STANDARD #4 BRUSHED BRONZE FINISH

2-HOUR RATED MASONRY WALL

1-HOUR CORRIDOR

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-6658

REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP / VB
CHECKED BY	D. BRUCE

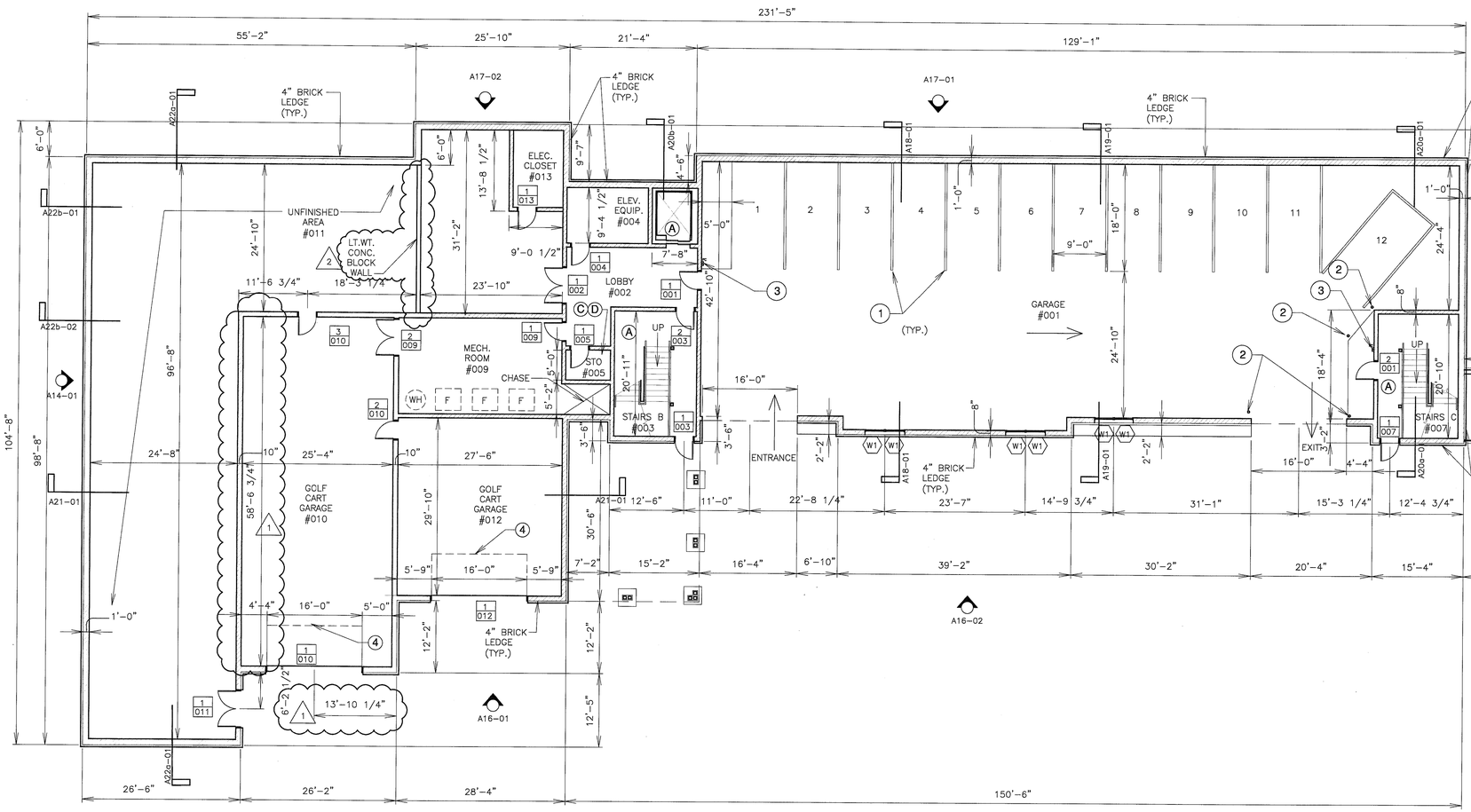
SHEET NAME
SECOND FLOOR PLAN OVERALL LIFE SAFETY

SHEET NO.
LS3

CONSTRUCTION

Feb 14, 2007 - 3:14pm
J:\CURRENT2006\JILL'S HOUSE\CURRENT\ LIFE SAFETY.dwg

THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION AS "ARCHITECTURAL WORK" UNDER SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.O. AS AMENDED DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION, UNAUTHORIZED USE OF THESE PLANS, WORK OR HOME REPRESENTED, CAN LEGALLY RESULT IN THE CESSATION OF CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY COMPENSATION TO TABOR BRUCE ARCHITECTURE & DESIGN INC.



PROPOSED PARKING AND FOUNDATION PLAN

1

SCALE: 3/32" = 1'-0" - BASEMENT (UNFINISHED): 13,900 SQ. FT.
FIRST FLOOR: 13,920 SQ. FT. - SECOND FLOOR 12,370 SQ. FT.

N

LIFE SAFETY PLAN NOTES:

A. ALL SHAFTS WITH PENETRATION FROM BASEMENT/GARAGE LEVEL TO FLOORS ABOVE TO BE 2 HR. FIRE RATED W/ 1.5 HR. RATED DOORS W/CLOSURES. DOORS TO STAIR SHALL HAVE 100 SQ. IN. MAX VIEWPORT GLASS.

B. ALL SHAFTS WITH PENETRATION THROUGH UPPER TWO LEVELS ONLY ARE TO BE 1 HOUR FIRE RATED

C. PROVIDE 2 LAYERS 5/8" TYPE X GYPSUM BOARD IN ALL MECHANICAL ROOMS, STORAGE & CHASE AREAS ON CEILINGS.

D. ALL STORAGE, MECHANICAL ROOMS 1 HOUR FIRE RATED WITH SMOKE SEAL ON DOORS.

E. FOR 1 HOUR RATED BEDROOM HALLWAYS #113 & 218, PROVIDE ONE LAYER OF TYPE 'X' 5/8" GYPSUM BOARD ON HALLWAY WALLS & PROVIDE 2 LAYERS OF TYPE 'X' 5/8" GYPSUM BOARD OVER RESILIENT CHANNELS ON CEILING IN HALLWAYS.

F. ALL GUEST ROOM AND STAIRWELL DOORS TO HAVE SMOKE SEALS.

G. GARAGE LEVEL IS CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.

H. BUILDING IS EQUIPPED WITH NFPA 13 SPRINKLER SYSTEM THROUGHOUT.

Apr 06, 2007 - 2:21pm
J:\CURRENT2006\JILL'S HOUSE\CURRENT\ Floor Plan(new).dwg

BASEMENT FLOOR PLAN NOTES:

1. PAINTED 4" WIDE STALL INDICATOR.
2. 4"ø PAINTED STEEL CONCRETE FILLED PIPE BOLLARDS.
3. FIRE EXTINGUISHER CABINET, SURFACE MOUNTED ON GARAGE LEVEL.
4. PROVIDE BRACING AND DUPLEX RECEPTACLES IN CEILING FOR INSTALLATION OF AUTOMATIC GARAGE DOOR OPENER.

GENERAL BASEMENT FLOOR PLAN NOTES:

A. REFER TO PLUMBING AND FOUNDATION DRAWINGS FOR ALL REQUIRED STORM DRAIN PIPING, SANITARY PIPING AND WATER SUPPLY PIPING.

B. REFER TO STRUCTURAL DRAWINGS FOR ALL FOUNDATION DETAILS AND SLAB WORK.

C. REFER TO FOUNDATION STRUCTURAL DRAWINGS FOR INFORMATION REGARDING SLOPE OF CONCRETE SLAB TO STORM DRAINS.

D. THROUGH AND MEMBRANE PENETRATIONS IN FIRE-RESISTIVE WALLS SHALL BE FIRESTOPPED (ELECTRICAL OUTLETS BACK TO BACK WITHIN 24" HORIZONTALLY, WASHER BOXES, ICE MAKER WATER SUPPLY BOXES, RECESSED ELECTRICAL PANELS AND OTHER SIMILAR PENETRATIONS.)

E. FIRE-RESISTIVE FLOOR-CEILING OR ROOF CEILING ASSEMBLIES. THROUGH AND MEMBRANE PENETRATIONS OF FIRE-RESISTIVE FLOOR-CEILING OR ROOF CEILING ASSEMBLIES SHALL BE FIRE-STOPPED SUITABLE FOR THE METHOD OF PENETRATION.

F. ELEVATOR MACHINE ROOMS THAT CONTAIN SOLID-STATE EQUIPMENT FOR ELEVATOR OPERATIONS SHALL BE PROVIDED WITH AN INDEPENDENT VENTILATION OR AIR CONDITIONING SYSTEM TO PROTECT AGAINST OVERHEATING OF THE ELECTRICAL EQUIPMENT. THE SYSTEM SHALL BE CAPABLE OF MAINTAINING TEMPERATURES WITHIN THE RANGE ESTABLISHED FOR THE ELEVATOR EQUIPMENT. (ANY GRILLES OR DUCTS PENETRATING THE ELEVATOR EQUIPMENT ROOM ARE REQUIRED TO HAVE FIRE DAMPERS.)

G. NO WOOD FRAME CONSTRUTION ALLOWED ON BASEMENT GARAGE LEVEL.

FOUNDATION PLAN NOTES

1. CARRY ALL FOOTINGS TO FIRM UNDISTURBED BEARING: CONSULT STRUCTURAL DRAWINGS FOR FOUNDATION SIZING.
2. LOCAL SOIL CONDITIONS AND/OR LOCAL PRACTICE MAY NECESSITATE A MORE STRINGENT FOOTING AND FOUNDATION WALL DESIGN. CONSULT WITH LOCAL CONTRACTOR OR BUILDING INSPECTOR. SOIL DESIGN BEARING PRESSURE IS ASSUMED 2000 P.S.F.
3. FOOTINGS ARE TO BEAR ON UNDISTURBED LEVEL SOIL DEVOID OF ANY ORGANIC MATERIAL AND STEPPED AS REQUIRED TO MAINTAIN THE REQUIRED DEPTH BELOW THE FINAL GRADE.
4. MAXIMUM SLOPE OF CUTS AND FILLS TO BE TWO (2) HORIZONTAL TO ONE (1) VERTICAL FOR BUILDINGS, STRUCTURES, FOUNDATIONS AND RETAINING WALLS.
5. ANY FILL UNDER GRADE SUPPORTED SLABS TO BE A MIN. OF 4" IN. GRANULAR MATERIAL COMPACTED TO 95%.
6. GARAGE FLOORS TO SLOPE 1/8"/FT. MIN. TOWARDS OPENING AS REQUIRED FOR DRAINAGE. CONCRETE SLABS TO HAVE CONTROL JOINTS AT 25' FT. (MAX.) INTERVALS EA. WAY.
7. COVER ENTIRE CRAWL SPACE WITH 6 MIL. BLACK "VISQUEEN".
8. BEAM POCKETS IN CONCRETE TO HAVE 1/2" IN. AIRSPACE AT SIDES AND ENDS WITH A MIN. BEARING OF 3" IN.
9. WATERPROOF BASEMENT WALLS BEFORE BACKFILLING. PROVIDING A 4" IN. DIA. PERFORATED DRAIN TILE BELOW THE TOP OF THE FOOTING.
10. CONTRACTOR TO VERIFY FOUNDATION WALL LOCATIONS AND COORDINATE WITH FLOOR PLANS BEFORE EXCAVATION AND FRAMING OF BASEMENT/FOUNDATION WALLS. NOTIFY ARCHITECT IF DISCREPENCY IS FOUND.
11. COORDINATE ARCHITECTURAL DRAWINGS WITH STRUCTURAL DRAWINGS.

GENERAL NOTES:

- DO NOT SCALE DRAWINGS, DIMENSIONS SHALL PREVAIL. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS RELATED TO THE WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY. IF CONTRACTOR FAILS TO VERIFY DIMENSIONS AS INDICATED, ANY AND ALL CORRECTIVE ACTIONS SHALL BE THE RESPONSABILITY OF THE CONTRACTOR.
- ALL DOOR OPENINGS SHALL BE LOCATED 4" FROM ADJOINING WALL UNLESS NOTED OTHER WISE.
- CONTRACTOR TO VERIFY PLACEMENT OF ANCHOR BOLTS TO ADJOINING MATERIALS PRIOR TO PLACEMENT OF BOLTS AND SHALL PROTECT ANY EXPOSED ANCHOR BOLTS.

SYMBOLS LEGEND

- DENOTES NEW FULL HEIGHT WALLS
- DENOTES NEW CONCRETE FOUNDATION WALLS
- DENOTES EXTERIOR SCREEN WALL
- DENOTES SECTION INDICATOR
- SHEET # A1-02 DETAIL #
- DENOTES DETAIL INDICATOR (DETAIL #, SHEET #)
- PHOTO # 1/25 SHEET # — DENOTES PHOTO INDICATOR
- 2/102 — DENOTES NEW DOOR AND FRAME SYMBOL TO REFERENCE OPENING SCHEDULE
- W3 EXTERIOR WINDOW #
- D.S. DOWNSPOUT LOCATION
- (2) DEMOLITION NOTE
- (2) PLAN NOTE

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS
1 REVISED DIMENSIONS AS SHOWN 3/27/07
2 ADDED WALL AS SHOWN 3/27/07

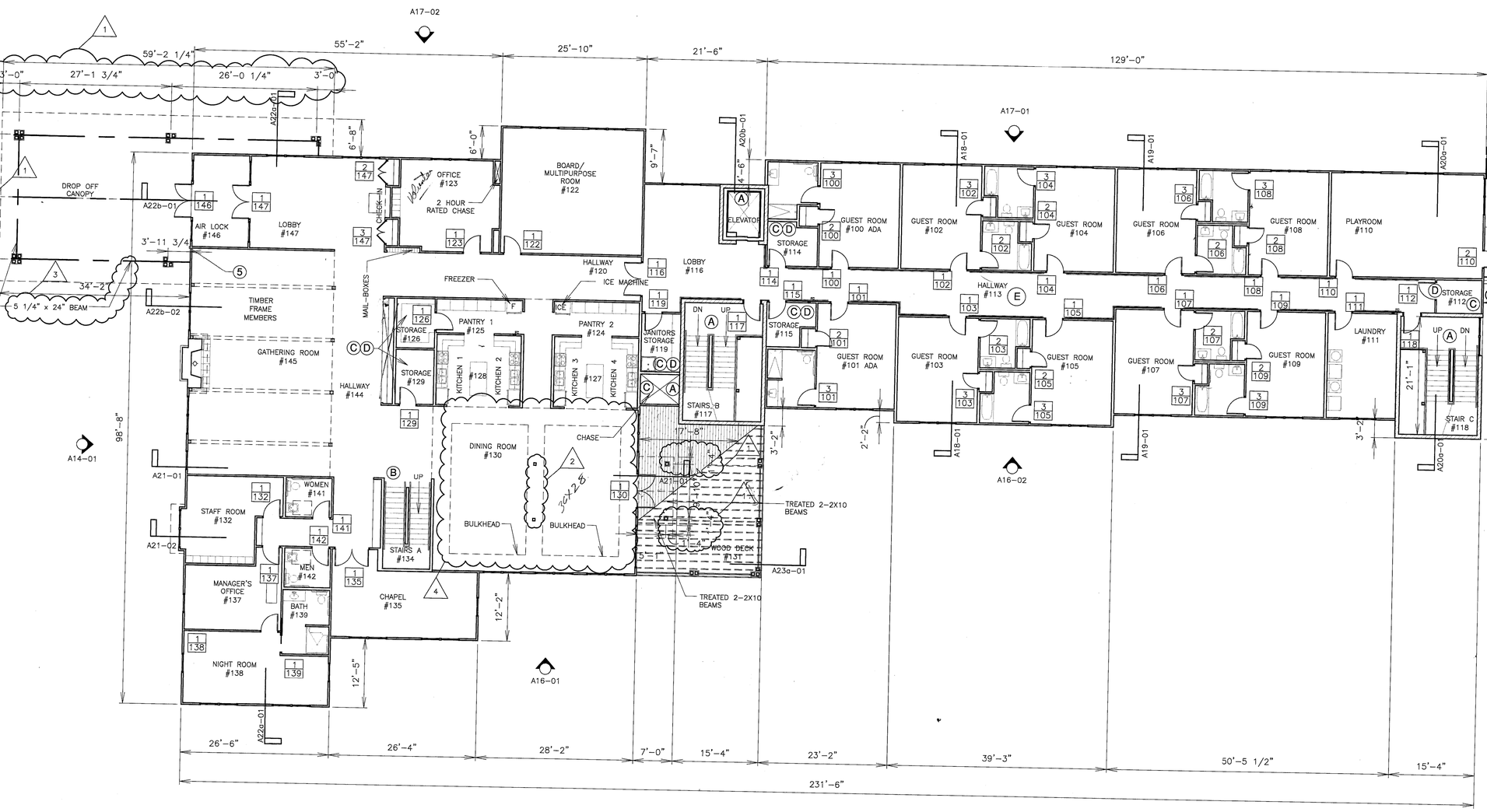
A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE — REGISTERED NO. AR19900009 — STATE OF INDIANA — ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP
CHECKED BY	D. BRUCE
SHEET NAME	PARKING AND FOUNDATION
SHEET NO.	RA1

CONSTRUCTION

E COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION AS "ARCHITECTURAL WORK" UNDER SEC. 102 OF THE COPYRIGHT ACT. 17 U.S.O. AS AMENDED DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION, UNAUTHORIZED USE OF THESE PLANS, WORK OR HOME REPRESENTED, CAN LEGALLY RESULT IN THE CESSATION OF CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY COMPENSATION TO TABOR BRUCE ARCHITECTURE & DESIGN INC.



PROPOSED FIRST FLOOR OVERALL PLAN

1

SCALE: 3/32" = 1'-0" - BASEMENT: 13,900 SQ. FT.
FIRST FLOOR: 13,920 SQ. FT. - SECOND FLOOR: 12,370 SQ. FT.

N

PLAN NOTES:

- RIOR WALLS TO BE 3 1/2" WOOD STUDS @ 16" H 5/8" TYPE "X" GYP. DRYWALL ON BOTH SIDES OTHERWISE NOTED.
- ARCHITECT FOR REVIEW OF ON-SITE LAYOUT OF IOR TO CONSTRUCTION
- IFY PLAN DIMENSIONS PRIOR TO ANY CASEWORK ON
- NY DISCREPANCIES FOUND ON DRAWINGS TO (DO NOT SCALE DRAWINGS).
- IS IN FLOOR PLAN ARE INDICATED FROM FACE FACE OF MASONRY, OR EXISTING CONSTRUCTION. S IN ELEVATION ARE INDICATED FROM FACE OF MATERIAL, UNLESS OTHERWISE NOTED.
- OOD BLOCKING FOR ALL WALL CABINETS, ALL SSORIES AND EQUIPMENT, AND ALL OWNER EQUIPMENT AS SHOWN OR IMPLIED ON DRAWINGS.
- KRAFT FACE 4" BATT INSULATION AT ALL WALL LOCATIONS
- BEARING DIMENSIONAL LUMBER IS TO BE AL GRADE #1 SOUTHERN YELLOW PINE OR EQUAL
- FLOOR FRAMING JOISTS AND "LVL" WOOD BEAMS E VERIFIED WITH MANUFACTURER SPECIFIED. ALL ONS ARE TO BE APPROVED BY ARCHITECT.
- ON OF ALL FRAMING MEMBERS IS TO BE WITHIN MPLIANCE OF ALL LOCAL APPLICABLE BUILDING O JOISTS MANUFACTURER'S SPECIFICATIONS.

007 - 2:22pm
2006\JILL'S HOUSE\CURRENT\ Floor Plan(new).dwg

11. ALL FRAMING WORK IS TO BE DIRECTLY SUPERVISED BY A QUALIFIED, EXPERIENCED CARPENTER. MINIMUM INDUSTRY STANDARDS FOR PLUM & LEVEL WALLS WILL BE EXPECTED FOR ALL WORK.
12. REFER TO FLOOR PLANS FOR BALANCE OF DIMENSIONS AND INFORMATION
13. ALL STEEL FASTENERS USED FOR TREATED WOOD DECK CONSTRUCTION ARE TO BE GALVANIZED, UNLESS OTHERWISE NOTED, AND SHALL BE RATED FOR USE WITH NEW TREATED WOOD.
14. PROVIDE 2-2x10 WOOD LINTELS WITH 1/2" SPACERS IN BETWEEN ABOVE ALL DOORS AND WINDOWS, UNLESS OTHERWISE NOTED.
15. ANY RATED WALLS IF SHOWN, SHALL HAVE RATED OPENINGS WHERE THEY PENETRATE RATED WALL.
16. ALL ANGLED WALLS IF SHOWN, ARE 45 DEGREES UNLESS NOTED.
17. FOR INFORMATION ON FOOTINGS, SEE STRUCTURAL DRAWINGS.
18. ALL FLOOR JOISTS AND TRUSSES TO BEAR ON LOAD BEARING WALLS OR BEAMS AND CARRIED THROUGH ALL LEVELS TO TERMINATE AT BASEMENT FOOTINGS AND OR THICKENED SLABS.
19. ALL EXPOSED INSULATION IS TO HAVE A FLAME SPREAD RATING NOT TO EXCEED 25. A SMOKE-DEVELOPED INDEX NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE WITH ASTM E 84, AND CRITICAL RADIANT FLUX NOT LESS THAN 0.12 WATTS PER SQUARE CENTIMETER.
20. INSULATE ALL ACCESS DOOR/HATCHES TO CRAWLSPACES AND ATTICS TO THE EQUIVALENT RATING OF THE WALL, FLOOR, OR CEILING THROUGH WHICH THEY PENETRATE.
21. PROVIDE POSITIVE VENTILATION AT EACH END OF EACH RAFTER SPACE AT VAULTED CLG AREAS, AND INSULATION BAFFLES AT EAVE VENTS BETWEEN RAFTERS. RAFTER VENTILATION IS ALSO REQUIRED AT BLOCKING LOCATIONS ABOVE THE PLATE.
22. HIPS, VALLEY'S AND RIDGES SHALL NOT BE LESS IN DEPTH THAN THE END CUT OF THE RAFTER.
23. ALL WINDOWS WITHIN 24" OF ANY DOOR (REGARDLESS OF WALL PLANE), AND WHOSE BOTTOM EDGE IS LESS THAN 18" ABOVE FLOOR OR WALKING SURFACE SHALL HAVE TEMPERED GLAZING.
24. PROVIDE SMOKE DETECTOR/FIRE ALARM SYSTEM AS REQUIRED.
25. GLAZING IN DOORS AND ENCLOSURES FOR HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS & SHOWERS, GLAZING IN ANY PART OF A BUILDING WALL ENCLOSING THESE COMPARTMENTS WHERE BOTTOM EDGE OF GLAZING IS LESS THAN 18" MEASURED VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE TO BE TEMPERED GLAZING.
26. BASEMENTS WITH HABITABLE SPACE AND EVERY SLEEPING ROOM TO HAVE MIN. WINDOW OPENING OF 5.7 SQ. FT. WITH A MIN. WIDTH OF 20" IN. AND A SILL HGT. NOT MORE THAN 44" IN. ABOVE FIN. FLOOR.
27. ELECTRICAL RECEPTACLES IN BATHROOMS, KITCHENS, EXTERIOR LOCATIONS AND GARAGES SHALL BE G.F.I. OR G.F.I.C. PER NATIONAL ELECTRICAL CODE REQUIREMENTS.
28. BATHROOMS AND UTILITY ROOMS ARE TO BE VENTED TO THE OUTSIDE WITH A FAN CAPABLE OF PRODUCING A MIN. OF 5 AIR EXCHANGES PER HOUR. DRYER AND RANGE HOODS ARE ALSO TO BE VENTED TO EXTERIOR.
29. INSTALL ROOFING MATERIALS ACCORDING TO MANUFACTURERS RECOMMENDATIONS FOR THE AREA AND LIMITED. INCLUDING BUT NOT LIMITED TO SHINGLES, TILES, FELTS, FLASHING, AND FASTENING DEVICES.
30. ROOF & FLOOR TRUSS SYSTEM SHALL BE DESIGNED AND ENGINEERED BY TRUSS MANUFACTURER AND COMPLETE INSTALLATION DETAILS SHALL BE PROVIDED.
31. COORDINATE ACTUAL ROOF & FLOOR TRUSS DIMENSIONS WITH THE SELECTED TRUSS MANUFACTURER.
32. PROVIDE BLOCKING BETWEEN FLOOR TRUSSES UNDER WALLS THAT ARE PERPENDICULAR TO FLOOR TRUSSES.
33. THROUGH AND MEMBRANE PENETRATIONS IN FIRE RESISTIVE WALLS SHALL BE FIRESTOPPED (ELECTRICAL OUTLETS BACK TO BACK WITHIN 24" HORIZONTALLY, WASHER BOXES, ICE MAKER WATER SUPPLY BOXES, RECESSED ELECTRICAL PANELS AND OTHER SIMILAR PENETRATIONS.)
34. FIRE-RESISTIVE FLOOR-CEILING OR ROOF CEILING ASSEMBLIES, THROUGH AND MEMBRANE PENETRATIONS: THROUGH AND MEMBRANE PENETRATIONS OF FIRE-RESISTIVE FLOOR-CEILING OR ROOF CEILING ASSEMBLIES SHALL BE FIRE-STOPPED SUITABLE FOR THE METHOD OF PENETRATION.
35. ELEVATOR MACHINE ROOMS THAT CONTAIN SOLID-STATE EQUIPMENT FOR ELEVATOR OPERATIONS SHALL BE PROVIDED WITH AN INDEPENDENT VENTILATION OR AIR CONDITIONING SYSTEM TO PROTECT AGAINST OVERHEATING OF THE ELECTRICAL EQUIPMENT. THE SYSTEM SHALL BE CAPABLE OF MAINTAINING TEMPERATURES WITHIN THE RANGE ESTABLISHED FOR THE ELEVATOR EQUIPMENT. (ANY GRILLES OR DUCTS PENETRATING THE ELEVATOR EQUIPMENT ROOM ARE REQUIRED TO HAVE FIRE DAMPERS.)
36. PROVIDE WOOD BLOCKING FOR ALL WALL CABINETS, ALL WALL ACCESSORIES AND EQUIPMENT, AND ALL OWNER SUPPLIED AS SHOWN OR IMPLIED ON DRAWINGS.
37. PROVIDE WOOD BLOCKING FOR TOILET GRAB BARS ON THE THE BACK AND SIDES OF ALL TOILETS. MOUNT 36" ABOVE FINISHED FLOOR FOR FUTURE ADAPTATION TO ADA COMPLIANCE.
38. THIS BUILDING IS REQUIRED TO HAVE A TOTAL FIRE ALARM, STANDPIPE, AND SPRINKLER SYSTEM. THE CONTRACTOR IS TO SUPPLY COMPLETE DESIGN AND INSTALLATION PACKAGE FOR THE PROJECT. IT SHOULD INCLUDE, BUT NOT BE LIMITED TO:
    A. SUBMITTAL DRAWINGS TO ARCHITECT AND INDIANA STATE BUILDING COMMISSIONER.
39. ALL WALLS THAT SEPARATE APARTMENT UNITS ARE TO BE 1 HOUR RATED WALLS PROVIDE FIRESTOP SEALANT AT ALL PENETRATION POINTS OF PIPING AND CONDUIT. ALL FLOOR/CEILING ASSEMBLIES ARE TO BE 1 HOUR RATED FIRE SEPARATION. PROVIDE FIRESTOPPING AS REQUIRED TO MAINTAIN INTEGRITY OF FLOOR/CEILING ASSEMBLY.
40. LAUNDRY ROOMS ARE TO BE COMPLETELY ENCLOSED IN A 1 HOUR RATED ENCLOSURE. WASHER BOXES ARE NOT TO PENETRATE RATED ENCLOSURE. BUILD GYPSUM DRYWALL BEHIND.
41. ALL PLUMBING CHASES ARE TO 1-HOUR RATED ENCLOSED.
42. EXTERIOR SIDING MATERIALS ARE NOT A WATER BARRIER. PROVIDE TYVEK COMMERCIAL WRAP OVER ALL EXTERIOR SHEATHINGS, INSTALL PER MANUFACTURER'S RECOMENDATIONS. PROVIDE CONTINUOUS FLASHING AROUND ALL OPENINGS AND STRUCTURAL PENETRATIONS. WHERE NEEDED, PROVIDE GALVANIZED WALL TIES AS SHOWN AND ROPE TYPE WICK WEEP HOLES HORIZONTALLY @ 16" O.C.

PLAN NOTES:

1. PROVIDE ACROVYN SURFACE CORNER GUARDS AS SMWS-10, WOOD WITH S.S. INSERT AT LOCATIONS AS SHOWN.
2. PROVIDE ACROVYN HANDRAILS ALONG FIRST & SECOND FLOORS ON ROOM HALLWAYS AS SHOWN. (MODEL HRW 35, WOOD).
3. CLOSETS: VINYL COATED WIRE SHELVES WITH INTEGRAL HANGER BAR (TYP.)
4. FIRE EXTINGUISHER CABINETS, RECESSED IN WALL ON FIRST AND SECOND FLOOR.
5. KNOX BOX LOCATION FOR FIRE DEPARTMENT.

GENERAL NOTES:

- DO NOT SCALE DRAWINGS, DIMENSIONS SHALL PREVAIL. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS RELATED TO THE WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY. IF CONTRACTOR FAILS TO VERIFY DIMENSIONS AS INDICATED, ANY AND ALL CORRECTIVE ACTIONS SHALL BE THE RESPONSABILITY OF THE CONTRACTOR.
- ALL INTERIOR DIMENSIONS ARE SHOWN STUD TO STUD AND DO NOT INCLUDE WALL FINISHES.
- ALL DOOR OPENINGS SHALL BE LOCATED 4" FROM ADJOINING WALL UNLESS NOTED OTHER WISE.
- CONTRACTOR TO VERIFY PLACEMENT OF ANCHOR BOLTS TO ADJOINING MATERIALS PRIOR TO PLACEMENT OF BOLTS AND SHALL PROTECT ANY EXPOSED ANCHOR BOLTS.

LIFE SAFETY PLAN NOTES:

A. ALL SHAFTS WITH PENETRATION FROM BASEMENT/GARAGE LEVEL TO FLOORS ABOVE TO BE 2 HR. FIRE RATED W/ 1.5 HR. RATED DOORS W/CLOSURES. DOORS TO STAIR SHALL HAVE 100 SQ. IN. MAX VIEWPORT GLASS.

B. ALL SHAFTS WITH PENETRATION THROUGH UPPER TWO LEVELS ONLY ARE TO BE 1 HOUR FIRE RATED

C. PROVIDE 2 LAYERS 5/8" TYPE X GYPSUM BOARD IN ALL MECHANICAL ROOMS, STORAGE & CHASE AREAS ON CEILINGS.

D. ALL STORAGE, MECHANICAL ROOMS 1 HOUR FIRE RATED WITH SMOKE SEAL ON DOORS.

E. FOR 1 HOUR RATED BEDROOM HALLWAYS #113 & 218, PROVIDE ONE LAYER OF TYPE 'X' 5/8" GYPSUM BOARD ON HALLWAY WALLS & PROVIDE 2 LAYERS OF TYPE 'X' 5/8" GYPSUM BOARD OVER RESILIENT CHANNELS ON CEILING IN HALLWAYS.

F. ALL GUEST ROOM AND STAIRWELL DOORS TO HAVE SMOKE SEALS.

G. GARAGE LEVEL IS CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.

H. BUILDING IS EQUIPPED WITH NFPA 13 SPRINKLER SYSTEM THROUGHOUT.

SYMBOLS LEGEND

- DENOTES NEW FULL HEIGHT WALLS
- DENOTES NEW CONCRETE FOUNDATION WALLS
- DENOTES EXTERIOR SCREEN WALL
- DENOTES SECTION INDICATOR
- SHEET # — A1-02 — DETAIL #
- A1-02 — DENOTES DETAIL INDICATOR
- DETAIL #
- SHEET #
- PHOTO #
- 1/25 — DENOTES PHOTO INDICATOR
- SHEET #
- 2/102 — DENOTES NEW DOOR AND FRAME SYMBOL TO REFERENCE OPENING SCHEDULE
- W3 EXTERIOR WINDOW #
- D.S. DOWNSPOUT LOCATION
- 2 DEMOLITION NOTE
- (2) PLAN NOTE

TABOR BRUCE
ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS
1. REVISED DIMENSIONS AS SHOWN - 04/04/07
2. ADDED COLUMNS AS SHOWN - 04/04/07
3. ADDED NOTE AS SHOWN - 04/04/07
4. CHANGED BULKHEAD AS SHOWN - 04/04/07

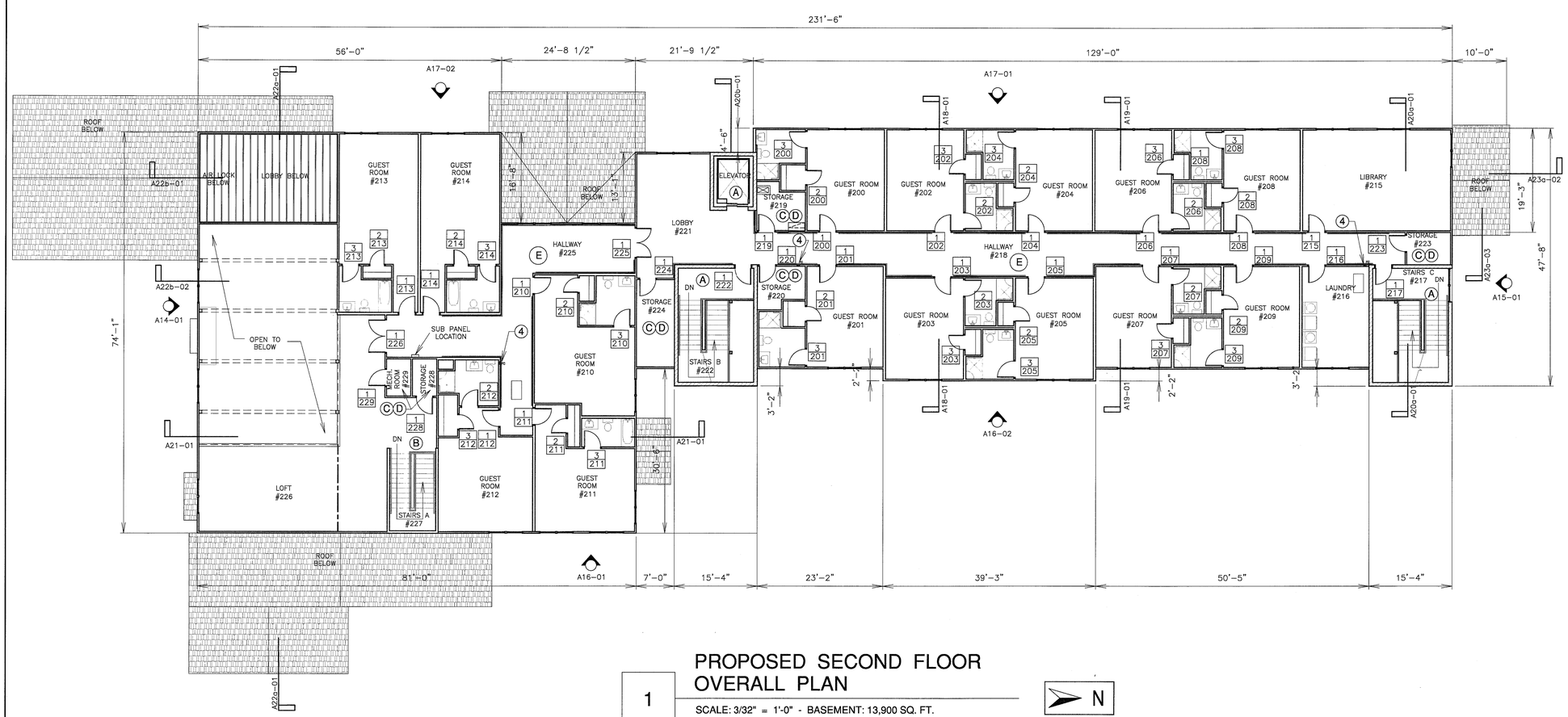
A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT
H. Doug Bruce

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP / VB
CHECKED BY	D. BRUCE
SHEET NAME	FIRST FLOOR PLAN OVERALL
SHEET NO.	RA2

CONSTRUCTION

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1 PROPOSED SECOND FLOOR OVERALL PLAN

SCALE: 3/32" = 1'-0" - BASEMENT: 13,900 SQ. FT.

FIRST FLOOR: 13,920 SQ. FT. - SECOND FLOOR: 12,370 SQ. FT.

N

FLOOR PLAN NOTES:

1. ALL INTERIOR WALLS TO BE 3 1/2" WOOD STUDS @ 16" O.C. WITH 5/8" TYPE "X" GYP. DRYWALL ON BOTH SIDES UNLESS OTHERWISE NOTED.
2. CONTACT ARCHITECT FOR REVIEW OF ON-SITE LAYOUT OF WALLS PRIOR TO CONSTRUCTION
3. FIELD VERIFY PLAN DIMENSIONS PRIOR TO ANY CASEWORK FABRICATION
4. REPORT ANY DISCREPANCIES FOUND ON DRAWINGS TO ARCHITECT (DO NOT SCALE DRAWINGS).
5. DIMENSIONS IN FLOOR PLAN ARE INDICATED FROM FACE OF STUD, FACE OF MASONRY, OR EXISTING CONSTRUCTION. DIMENSIONS IN ELEVATION ARE INDICATED FROM FACE OF FINISHED MATERIAL, UNLESS OTHERWISE NOTED.
6. PROVIDE WOOD BLOCKING FOR ALL WALL CABINETS, ALL WALL ACCESSORIES AND EQUIPMENT, AND ALL OWNER SUPPLIED EQUIPMENT AS SHOWN OR IMPLIED ON DRAWINGS.
7. PROVIDE KRAFT FACE 4" BATT INSULATION AT ALL EXTERIOR WALL LOCATIONS
8. ALL LOAD BEARING DIMENSIONAL LUMBER IS TO BE STRUCTURAL GRADE #1 SOUTHERN YELLOW PINE OR APPROVED EQUAL
9. ROOF AND FLOOR FRAMING JOISTS AND "LVL" WOOD BEAMS ARE TO BE VERIFIED WITH MANUFACTURER SPECIFIED. ALL SUBSTITUTIONS ARE TO BE APPROVED BY ARCHITECT.
10. INSTALLATION OF ALL FRAMING MEMBERS IS TO BE WITHIN STRICT COMPLIANCE OF ALL LOCAL APPLICABLE BUILDING CODES AND JOISTS MANUFACTURER'S SPECIFICATIONS.
11. ALL FRAMING WORK IS TO BE DIRECTLY SUPERVISED BY A QUALIFIED, EXPERIENCED CARPENTER. MINIMUM INDUSTRY STANDARDS FOR PLUM & LEVEL WALLS WILL BE EXPECTED FOR ALL WORK.
12. REFER TO FLOOR PLANS FOR BALANCE OF DIMENSIONS AND INFORMATION
13. ALL STEEL FASTENERS USED FOR TREATED WOOD DECK CONSTRUCTION ARE TO BE GALVANIZED, UNLESS OTHERWISE NOTED, AND SHALL BE RATED FOR USE WITH NEW TREATED WOOD.
14. PROVIDE 2-2x10 WOOD LINTELS WITH 1/2" SPACERS IN BETWEEN ABOVE ALL DOORS AND WINDOWS, UNLESS OTHERWISE NOTED.
15. ANY RATED WALLS IF SHOWN, SHALL HAVE RATED OPENINGS WHERE THEY PENETRATE RATED WALL.
16. ALL ANGLED WALLS IF SHOWN, ARE 45 DEGREES UNLESS NOTED.
17. FOR INFORMATION ON FOOTINGS, SEE STRUCTURAL DRAWINGS.
18. ALL FLOOR JOISTS AND TRUSSES TO BEAR ON LOAD BEARING WALLS OR BEAMS AND CARRIED THROUGH ALL LEVELS TO TERMINATE AT BASEMENT FOOTINGS AND OR THICKENED SLABS.
19. ALL EXPOSED INSULATION IS TO HAVE A FLAME SPREAD RATING NOT TO EXCEED 25. A SMOKE-DEVELOPED INDEX NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE WITH ASTM E 84, AND CRITICAL RADIANT FLUX NOT LESS THAN 0.12 WATTS PER SQUARE CENTIMETER.
20. INSULATE ALL ACCESS DOOR/HATCHES TO CRAWLSPACES AND ATTICS TO THE EQUIVALENT RATING OF THE WALL, FLOOR, OR CEILING THROUGH WHICH THEY PENETRATE.
21. PROVIDE POSITIVE VENTILATION AT EACH END OF EACH RAFTER SPACE AT VAULTED CLG AREAS, AND INSULATION BAFFLES AT EAVE VENTS BETWEEN RAFTERS. RAFTER VENTILATION IS ALSO REQUIRED AT BLOCKING LOCATIONS ABOVE THE PLATE.
22. HIPS, VALLEY'S AND RIDGES SHALL NOT BE LESS IN DEPTH THAN THE END CUT OF THE RAFTER.
23. ALL WINDOWS WITHIN 24" OF ANY DOOR (REGARDLESS OF WALL PLANE), AND WHOSE BOTTOM EDGE IS LESS THAN 18" ABOVE FLOOR OR WALKING SURFACE SHALL HAVE TEMPERED GLAZING.
24. PROVIDE SMOKE DETECTOR/FIRE ALARM SYSTEM AS REQUIRED.
25. GLAZING IN DOORS AND ENCLOSURES FOR HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS & SHOWERS, GLAZING IN ANY PART OF A BUILDING WALL ENCLOSING THESE COMPARTMENTS WHERE BOTTOM EDGE OF GLAZING IS LESS THAN 18" MEASURED VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE TO BE TEMPERED GLAZING.
26. BASEMENTS WITH HABITABLE SPACE AND EVERY SLEEPING ROOM TO HAVE MIN. WINDOW OPENING OF 5.7 SQ. FT. WITH A MIN. WIDTH OF 20" IN. AND A SILL HGT. NOT MORE THAN 44" IN. ABOVE FIN. FLOOR.
27. ELECTRICAL RECEPTACLES IN BATHROOMS, KITCHENS, EXTERIOR LOCATIONS AND GARAGES SHALL BE G.F.I. OR G.F.I.C. PER NATIONAL ELECTRICAL CODE REQUIREMENTS.
28. BATHROOMS AND UTILITY ROOMS ARE TO BE VENTED TO THE OUTSIDE WITH A FAN CAPABLE OF PRODUCING A MIN. OF 5 AIR EXCHANGES PER HOUR. DRYER AND RANGE HOODS ARE ALSO TO BE VENTED TO EXTERIOR.
29. INSTALL ROOFING MATERIALS ACCORDING TO MANUFACTURERS RECOMMENDATIONS FOR THE AREA AND LIMITED. INCLUDING BUT NOT LIMITED TO SHINGLES, TILES, FELTS, FLASHING, AND FASTENING DEVICES.
30. ROOF & FLOOR TRUSS SYSTEM SHALL BE DESIGNED AND ENGINEERED BY TRUSS MANUFACTURER AND COMPLETE INSTALLATION DETAILS SHALL BE PROVIDED.
31. COORDINATE ACTUAL ROOF & FLOOR TRUSS DIMENSIONS WITH THE SELECTED TRUSS MANUFACTURER.
32. PROVIDE BLOCKING BETWEEN FLOOR TRUSSES UNDER WALLS THAT ARE PERPENDICULAR TO FLOOR TRUSSES.
33. THROUGH AND MEMBRANE PENETRATIONS IN FIRE RESISTIVE WALLS SHALL BE FIRESTOPPED (ELECTRICAL OUTLETS BACK TO BACK WITHIN 24" HORIZONTALLY, WASHER BOXES, ICE MAKER WATER SUPPLY BOXES, RECESSED ELECTRICAL PANELS AND OTHER SIMILAR PENETRATIONS.)
34. FIRE-RESISTIVE FLOOR-CEILING OR ROOF CEILING ASSEMBLIES, THROUGH AND MEMBRANE PENETRATIONS: THROUGH AND MEMBRANE PENETRATIONS OF FIRE-RESISTIVE FLOOR-CEILING OR ROOF CEILING ASSEMBLIES SHALL BE FIRE-STOPPED SUITABLE FOR THE METHOD OF PENETRATION.
35. ELEVATOR MACHINE ROOMS THAT CONTAIN SOLID-STATE EQUIPMENT FOR ELEVATOR OPERATIONS SHALL BE PROVIDED WITH AN INDEPENDENT VENTILATION OR AIR CONDITIONING SYSTEM TO PROTECT AGAINST OVERHEATING OF THE ELECTRICAL EQUIPMENT. THE SYSTEM SHALL BE CAPABLE OF MAINTAINING TEMPERATURES WITHIN THE RANGE ESTABLISHED FOR THE ELEVATOR EQUIPMENT. (ANY GRILLES OR DUCTS PENETRATING THE ELEVATOR EQUIPMENT ROOM ARE REQUIRED TO HAVE FIRE DAMPERS.)
36. PROVIDE WOOD BLOCKING FOR ALL WALL CABINETS, ALL WALL ACCESSORIES AND EQUIPMENT, AND ALL OWNER SUPPLIED AS SHOWN OR IMPLIED ON DRAWINGS.
37. PROVIDE WOOD BLOCKING FOR TOILET GRAB BARS ON THE THE BACK AND SIDES OF ALL TOILETS. MOUNT 36" ABOVE FINISHED FLOOR FOR FUTURE ADAPTATION TO ADA COMPLIANCE.
38. THIS BUILDING IS REQUIRED TO HAVE A TOTAL FIRE ALARM, STANDPIPE, AND SPRINKLER SYSTEM. THE CONTRACTOR IS TO SUPPLY COMPLETE DESIGN AND INSTALLATION PACKAGE FOR THE PROJECT. IT SHOULD INCLUDE, BUT NOT BE LIMITED TO:
    A. SUBMITTAL DRAWINGS TO ARCHITECT AND INDIANA STATE BUILDING COMMISSIONER.
39. ALL WALLS THAT SEPARATE APARTMENT UNITS ARE TO BE 1 HOUR RATED WALLS PROVIDE FIRESTOP SEALANT AT ALL PENETRATION POINTS OF PIPING AND CONDUIT. ALL FLOOR/CEILING ASSEMBLIES ARE TO BE 1 HOUR RATED FIRE SEPARATION. PROVIDE FIRESTOPPING AS REQUIRED TO MAINTAIN INTEGRITY OF FLOOR/CEILING ASSEMBLY.
40. LAUNDRY ROOMS ARE TO BE COMPLETELY ENCLOSED IN A 1 HOUR RATED ENCLOSURE. WASHER BOXES ARE NOT TO PENETRATE RATED ENCLOSURE. BUILD GYPSUM DRYWALL BEHIND.
41. ALL PLUMBING CHASES ARE TO 1-HOUR RATED ENCLOSED.
42. EXTERIOR SIDING MATERIALS ARE NOT A WATER BARRIER. PROVIDE TYVEK COMMERCIAL WRAP OVER ALL EXTERIOR SHEATHINGS, INSTALL PER MANUFACTURER'S RECOMENDATIONS. PROVIDE CONTINUOUS FLASHING AROUND ALL OPENINGS AND STRUCTURAL PENETRATIONS. WHERE NEEDED, PROVIDE GALVANIZED WALL TIES AS SHOWN AND ROPE TYPE WICK WEEP HOLES HORIZONTALLY @ 16" O.C.

PLAN NOTES:

1. PROVIDE ACROVYN SURFACE CORNER GUARDS AS SMWS-10, WOOD WITH S.S. INSERT AT LOCATIONS AS SHOWN.
2. PROVIDE ACROVYN HANDRAILS ALONG FIRST & SECOND FLOORS ON ROOM HALLWAYS AS SHOWN. (MODEL HRW 35, WOOD).
3. CLOSETS: VINYL COATED WIRE SHELVES WITH INTEGRAL HANGER BAR (TYP.)
4. FIRE EXTINGUISHER CABINETS, RECESSED IN WALL ON FIRST AND SECOND FLOOR.
5. KNOX BOX LOCATION FOR FIRE DEPARTMENT.

GENERAL NOTES:

- DO NOT SCALE DRAWINGS, DIMENSIONS SHALL PREVAIL. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS RELATED TO THE WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY. IF CONTRACTOR FAILS TO VERIFY DIMENSIONS AS INDICATED, ANY AND ALL CORRECTIVE ACTIONS SHALL BE THE RESPONSABILITY OF THE CONTRACTOR.
- ALL INTERIOR DIMENSIONS ARE SHOWN STUD TO STUD AND DO NOT INCLUDE WALL FINISHES.
- ALL DOOR OPENINGS SHALL BE LOCATED 4" FROM ADJOINING WALL UNLESS NOTED OTHER WISE.
- CONTRACTOR TO VERIFY PLACEMENT OF ANCHOR BOLTS TO ADJOINING MATERIALS PRIOR TO PLACEMENT OF BOLTS AND SHALL PROTECT ANY EXPOSED ANCHOR BOLTS.

LIFE SAFETY PLAN NOTES:

A. ALL SHAFTS WITH PENETRATION FROM BASEMENT/GARAGE LEVEL TO FLOORS ABOVE TO BE 2 HR. FIRE RATED W/ 1.5 HR. RATED DOORS W/CLOSURES. DOORS TO STAIR SHALL HAVE 100 SQ. IN. MAX VIEWPORT GLASS.

B. ALL SHAFTS WITH PENETRATION THROUGH UPPER TWO LEVELS ONLY ARE TO BE 1 HOUR FIRE RATED

C. PROVIDE 2 LAYERS 5/8" TYPE X GYPSUM BOARD IN ALL MECHANICAL ROOMS, STORAGE & CHASE AREAS ON CEILINGS.

D. ALL STORAGE, MECHANICAL ROOMS 1 HOUR FIRE RATED WITH SMOKE SEAL ON DOORS.

E. FOR 1 HOUR RATED BEDROOM HALLWAYS #113 & 218, PROVIDE ONE LAYER OF TYPE 'X' 5/8" GYPSUM BOARD ON HALLWAY WALLS & PROVIDE 2 LAYERS OF TYPE 'X' 5/8" GYPSUM BOARD OVER RESILIENT CHANNELS ON CEILING IN HALLWAYS.

F. ALL GUEST ROOM AND STAIRWELL DOORS TO HAVE SMOKE SEALS.

G. GARAGE LEVEL IS CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.

H. BUILDING IS EQUIPPED WITH NFPA 13 SPRINKLER SYSTEM THROUGHOUT.

SYMBOLS LEGEND

- DENOTES NEW FULL HEIGHT WALLS
- DENOTES NEW CONCRETE FOUNDATION WALLS
- DENOTES EXTERIOR SCREEN WALL
- DENOTES SECTION INDICATOR
  - SHEET # — A1-02 — DETAIL #
- DENOTES DETAIL INDICATOR
  - A1-02 — DETAIL # — SHEET #
- DENOTES PHOTO INDICATOR
  - 1/25 — PHOTO # — SHEET #
- DENOTES NEW DOOR AND FRAME SYMBOL TO REFERENCE OPENING SCHEDULE
  - 2/102
  - W3 EXTERIOR WINDOW #
  - D.S. DOWNSPOUT LOCATION
  - 2 DEMOLITION NOTE
  - 2 PLAN NOTE

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

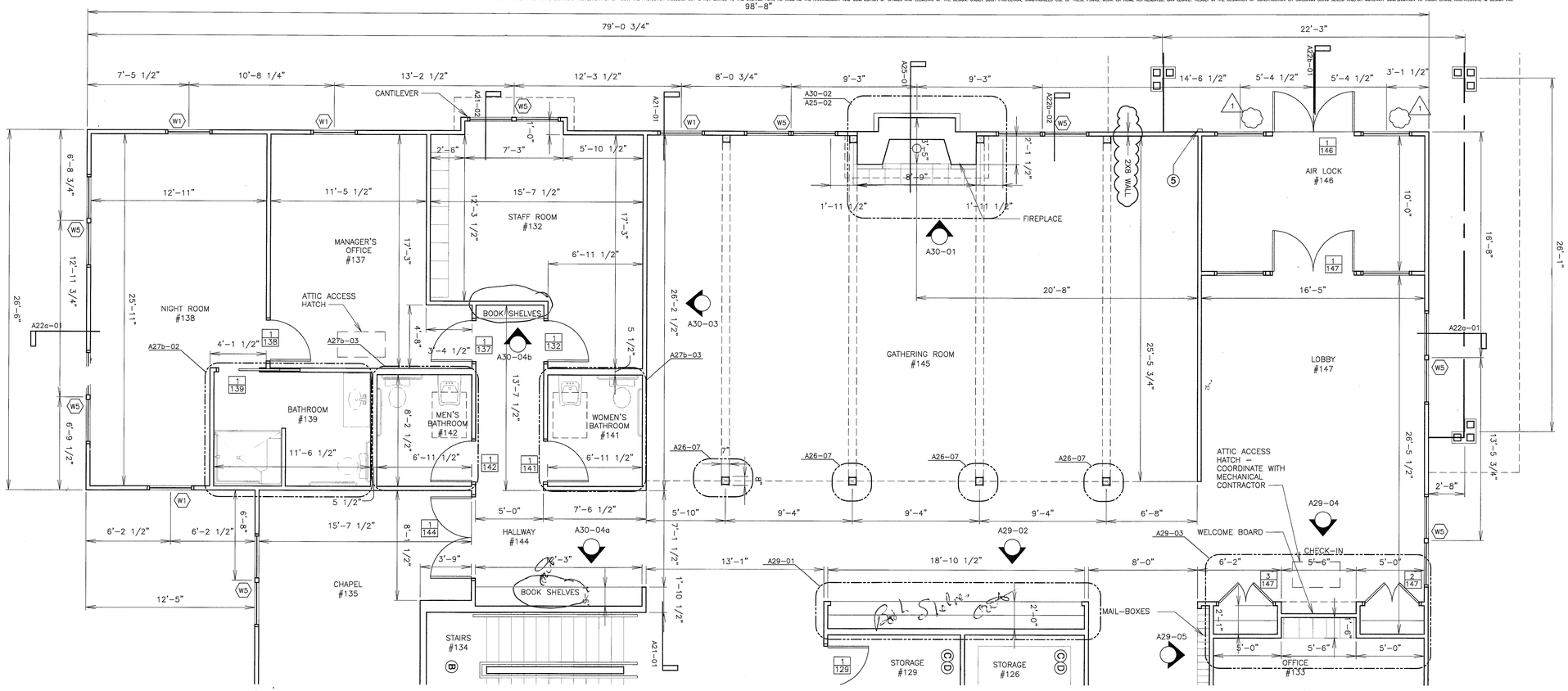
HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP / VB
CHECKED BY	D. BRUCE
SHEET NAME	SECOND FLOOR PLAN OVERALL
SHEET NO.	A3

CONSTRUCTION

Feb 14, 2007 - 3:18pm
J:\CURRENT2006\JILL'S HOUSE\CURRENT\ Floor Plan(new).dwg

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1 FIRST FLOOR PARTIAL FLOOR PLAN

SCALE: 1/4" = 1'-0"

N

LIFE SAFETY PLAN NOTES:

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F. ALL GUEST ROOM AND STAIRWELL DOORS TO HAVE SMOKE SEALS.

G. GARAGE LEVEL IS CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.

H. BUILDING IS EQUIPPED WITH NFPA 13 SPRINKLER SYSTEM THROUGHOUT.

PLAN NOTES:

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2. PROVIDE ACROVYN HANDRAILS ALONG FIRST & SECOND FLOORS ON ROOM HALLWAYS AS SHOWN. (MODEL HRW 35, WOOD).
3. CLOSETS: VINYL COATED WIRE SHELVES WITH INTEGRAL HANGER BAR (TYP.)
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5. KNOX BOX LOCATION FOR FIRE DEPARTMENT.

GENERAL NOTES:

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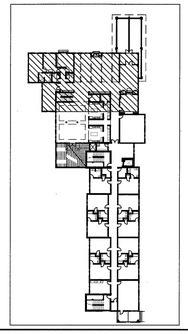
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- CONTRACTOR TO VERIFY PLACEMENT OF ANCHOR BOLTS TO ADJOINING MATERIALS PRIOR TO PLACEMENT OF BOLTS AND SHALL PROTECT ANY EXPOSED ANCHOR BOLTS.

SYMBOLS LEGEND

- DENOTES NEW FULL HEIGHT WALLS
- DENOTES NEW CONCRETE FOUNDATION WALLS
- DENOTES EXTERIOR SCREEN WALL
- DENOTES SECTION INDICATOR (SHEET # / DETAIL #)
- DENOTES DETAIL INDICATOR (DETAIL # / SHEET # / PHOTO #)
- DENOTES PHOTO INDICATOR (SHEET #)
- DENOTES NEW DOOR AND FRAME SYMBOL TO REFERENCE OPENING SCHEDULE
- W3 EXTERIOR WINDOW #
- D.S. DOWNSPOUT LOCATION
- 2 DEMOLITION NOTE
- 2 PLAN NOTE

KEY PLAN



TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS
1 REMOVED WINDOW DESIGNATIONS AS SHOWN
3/27/07

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

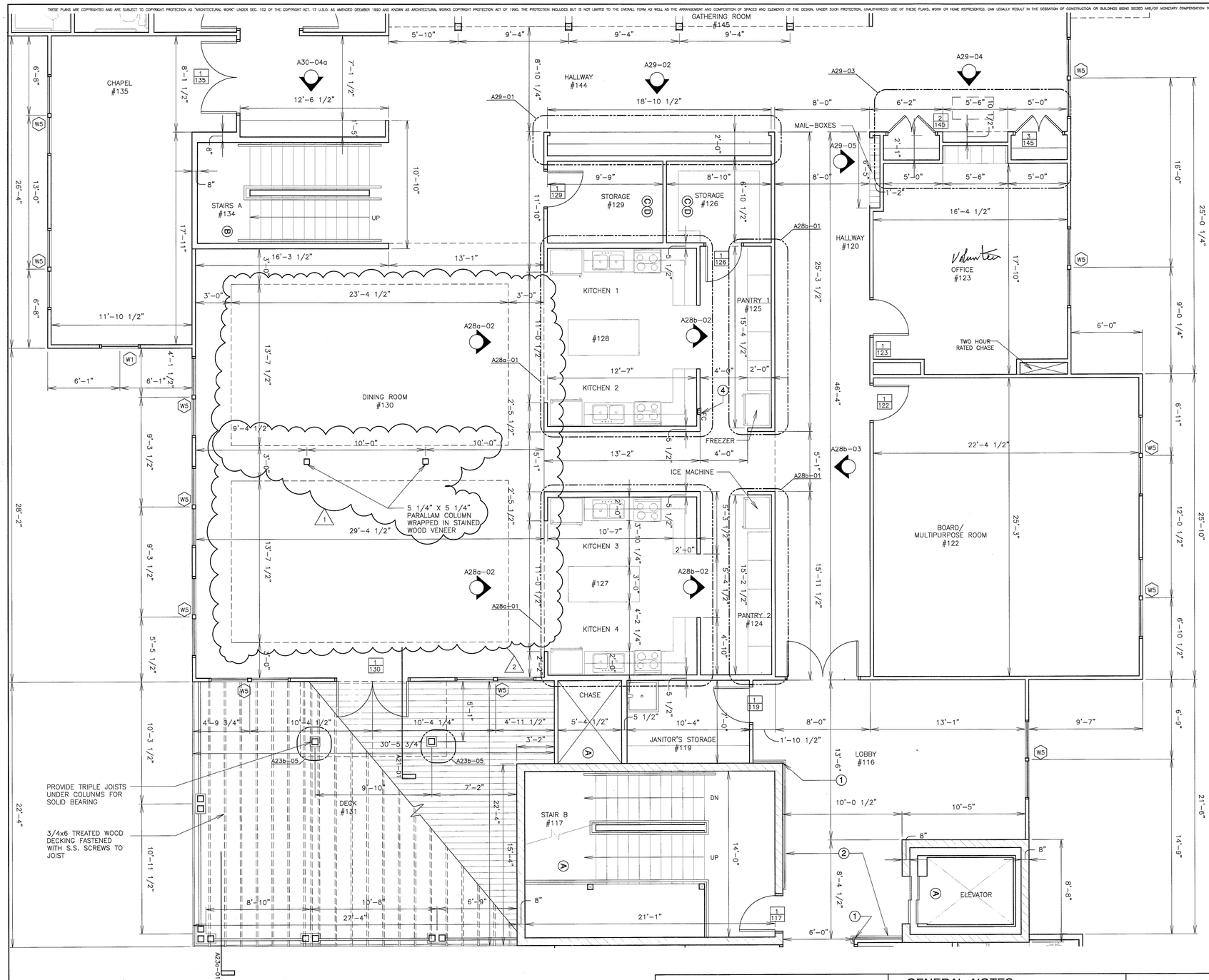
HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP / VB
CHECKED BY	D. BRUCE
SHEET NAME	FIRST FLOOR PARTIAL PLAN
SHEET NO.	RA4

CONSTRUCTION

Apr 06, 2007 - 2:23pm
J:\CURRENT2006\JILL'S HOUSE\CURRENT\ Floor Plan(new).dwg

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FIRST FLOOR PARTIAL FLOOR PLAN

1 — SCALE: 1/4" = 1'-0"

N

Apr 06, 2007 - 2:25pm
J:\CURRENT2006\JILL'S HOUSE\CURRENT\ Floor Plan(new).dwg

PLAN NOTES:

1. PROVIDE ACROVYN SURFACE CORNER GUARDS AS SMWS-10, WOOD WITH S.S. INSERT AT LOCATIONS AS SHOWN.
2. PROVIDE ACROVYN HANDRAILS ALONG FIRST & SECOND FLOORS ON ROOM HALLWAYS AS SHOWN. (MODEL HRW 35, WOOD).
3. CLOSETS: VINYL COATED WIRE SHELVES WITH INTEGRAL HANGER BAR (TYP.)
4. FIRE EXTINGUISHER CABINETS, RECESSED IN WALL ON FIRST AND SECOND FLOOR.
5. KNOX BOX LOCATION FOR FIRE DEPARTMENT.

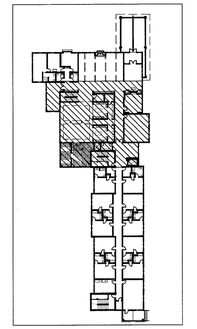
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SYMBOLS LEGEND

- DENOTES NEW FULL HEIGHT WALLS
- DENOTES NEW CONCRETE FOUNDATION WALLS
- DENOTES EXTERIOR SCREEN WALL
- DENOTES SECTION INDICATOR (A1-02 / SHEET #)
- DETAIL # (A1-02)
- DENOTES DETAIL INDICATOR (A1-02 / DETAIL # / SHEET # / PHOTO #)
- DENOTES PHOTO INDICATOR (1 / 25 / SHEET #)
- DENOTES NEW DOOR AND FRAME SYMBOL TO REFERENCE OPENING SCHEDULE (2 / 102)
- (2) DEMOLITION NOTE
- (2) PLAN NOTE
- (W3) EXTERIOR WINDOW #
- D.S. DOWNSPOUT LOCATION

KEY PLAN



LIFE SAFETY PLAN NOTES:

A. ALL SHAFTS WITH PENETRATION FROM BASEMENT/GARAGE LEVEL TO FLOORS ABOVE TO BE 2 HR. FIRE RATED W/ 1.5 HR. RATED DOORS W/CLOSURES. DOORS TO STAIR SHALL HAVE 100 SQ. IN. MAX VIEWPORT GLASS.

B. ALL SHAFTS WITH PENETRATION THROUGH UPPER TWO LEVELS ONLY ARE TO BE 1 HOUR FIRE RATED

C. PROVIDE 2 LAYERS 5/8" TYPE X GYPSUM BOARD IN ALL MECHANICAL ROOMS, STORAGE & CHASE AREAS ON CEILINGS.

D. ALL STORAGE, MECHANICAL ROOMS 1 HOUR FIRE RATED WITH SMOKE SEAL ON DOORS.

E. FOR 1 HOUR RATED BEDROOM HALLWAYS #113 & 218, PROVIDE ONE LAYER OF TYPE 'X' 5/8" GYPSUM BOARD ON HALLWAY WALLS & PROVIDE 2 LAYERS OF TYPE 'X' 5/8" GYPSUM BOARD OVER RESILIENT CHANNELS ON CEILING IN HALLWAYS.

F. ALL GUEST ROOM AND STAIRWELL DOORS TO HAVE SMOKE SEALS.

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H. BUILDING IS EQUIPPED WITH NFPA 13 SPRINKLER SYSTEM THROUGHOUT.

TABOR BRUCE
ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6238 FACSIMILE: (812) 332-8658

REVISIONS
1. ADDED COLUMNS AS SHOWN - 3/27/07
2. CHANGED BULKHEAD AS SHOWN - 3/27/07

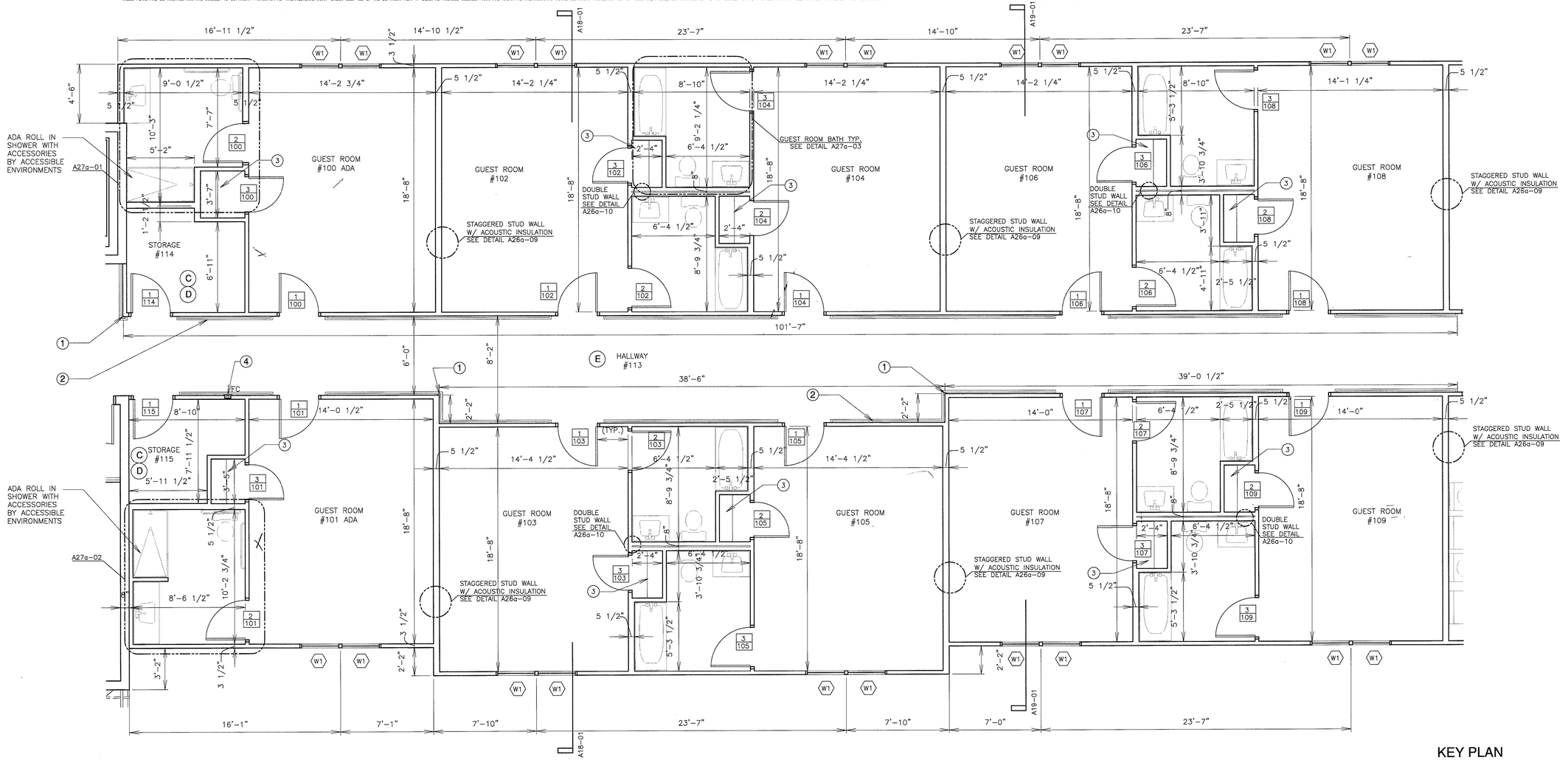
A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP / VB
CHECKED BY	D. BRUCE
SHEET NAME	FIRST FLOOR PARTIAL PLAN
SHEET NO.	RA5

CONSTRUCTION

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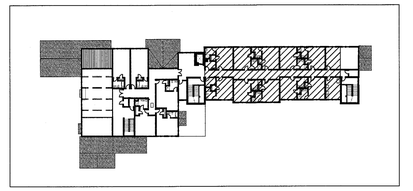
FIRST FLOOR PARTIAL FLOOR PLAN

1

SCALE: 1/4" = 1'-0"

N

KEY PLAN



LIFE SAFETY PLAN NOTES:

A. ALL SHAFTS WITH PENETRATION FROM BASEMENT/GARAGE LEVEL TO FLOORS ABOVE TO BE 2 HR. FIRE RATED W/ 1.5 HR. RATED DOORS W/CLOSURES. DOORS TO STAIR SHALL HAVE 100 SQ. IN. MAX VIEWPORT GLASS.

B. ALL SHAFTS WITH PENETRATION THROUGH UPPER TWO LEVELS ONLY ARE TO BE 1 HOUR FIRE RATED

C. PROVIDE 2 LAYERS 5/8" TYPE X GYPSUM BOARD IN ALL MECHANICAL ROOMS, STORAGE & CHASE AREAS ON CEILINGS.

D. ALL STORAGE, MECHANICAL ROOMS 1 HOUR FIRE RATED WITH SMOKE SEAL ON DOORS.

E. FOR 1 HOUR RATED BEDROOM HALLWAYS #113 & 218, PROVIDE ONE LAYER OF TYPE 'X' 5/8" GYPSUM BOARD ON HALLWAY WALLS & PROVIDE 2 LAYERS OF TYPE 'X' 5/8" GYPSUM BOARD OVER RESILIENT CHANNELS ON CEILING IN HALLWAYS.

F. ALL GUEST ROOM AND STAIRWELL DOORS TO HAVE SMOKE SEALS.

G. GARAGE LEVEL IS CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.

H. BUILDING IS EQUIPPED WITH NFPA 13 SPRINKLER SYSTEM THROUGHOUT.

PLAN NOTES:

1. PROVIDE ACROVYN SURFACE CORNER GUARDS AS SMWS-10, WOOD WITH S.S. INSERT AT LOCATIONS AS SHOWN.
2. PROVIDE ACROVYN HANDRAILS ALONG FIRST & SECOND FLOORS ON ROOM HALLWAYS AS SHOWN. (MODEL HRW 35, WOOD).
3. CLOSETS: VINYL COATED WIRE SHELVES WITH INTEGRAL HANGER BAR (TYP.)
4. FIRE EXTINGUISHER CABINETS, RECESSED IN WALL ON FIRST AND SECOND FLOOR.
5. KNOX BOX LOCATION FOR FIRE DEPARTMENT.

GENERAL NOTES:

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- CONTRACTOR TO VERIFY PLACEMENT OF ANCHOR BOLTS TO ADJOINING MATERIALS PRIOR TO PLACEMENT OF BOLTS AND SHALL PROTECT ANY EXPOSED ANCHOR BOLTS.

SYMBOLS LEGEND

- DENOTES NEW FULL HEIGHT WALLS
- DENOTES NEW CONCRETE FOUNDATION WALLS
- DENOTES EXTERIOR SCREEN WALL
- DENOTES SECTION INDICATOR (SHEET # / DETAIL #)
- DENOTES DETAIL INDICATOR (DETAIL # / SHEET #)
- DENOTES PHOTO INDICATOR (PHOTO # / SHEET #)
- DENOTES NEW DOOR AND FRAME SYMBOL TO REFERENCE OPENING SCHEDULE
- W3 EXTERIOR WINDOW #
- D.S. DOWNSPOUT LOCATION
- (2) DEMOLITION NOTE
- (2) PLAN NOTE

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

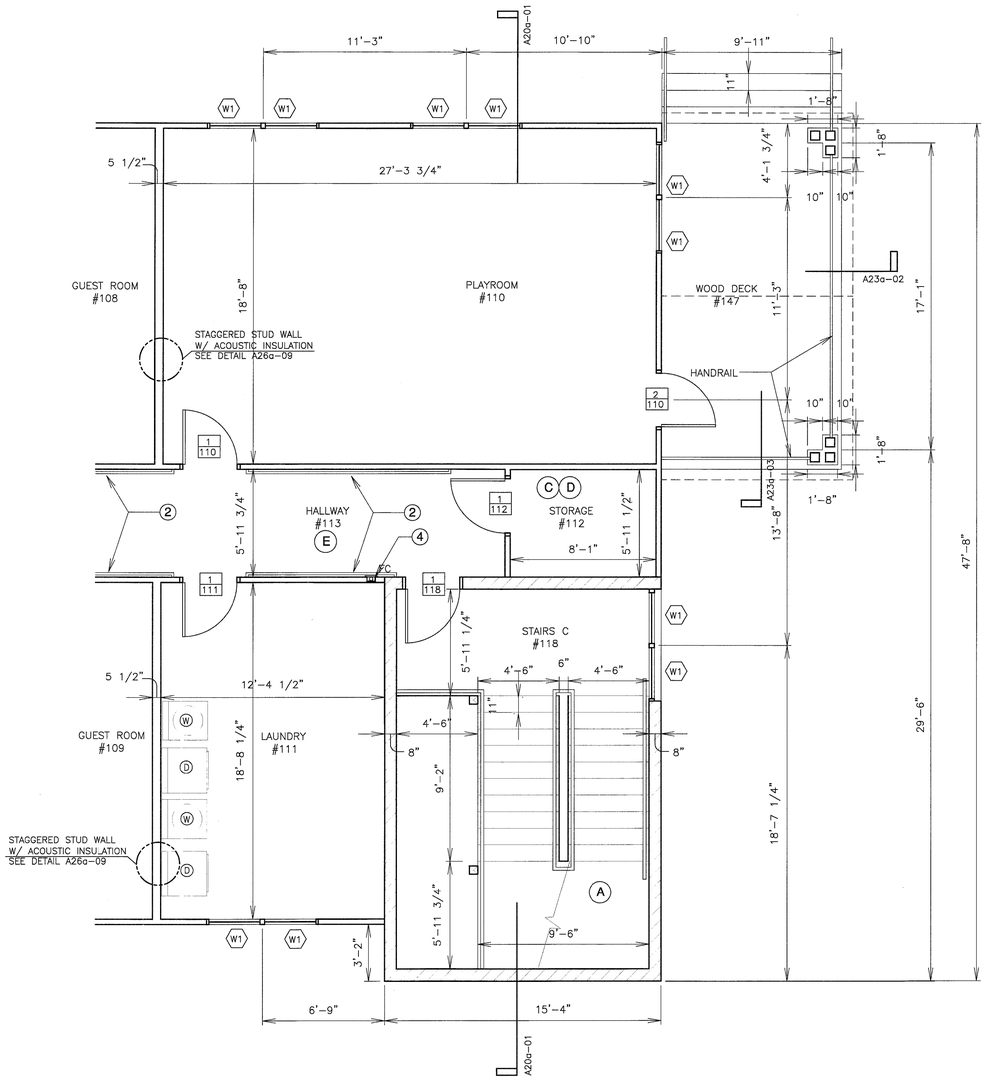
PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP / VB
CHECKED BY	D. BRUCE
SHEET NAME	FIRST FLOOR PARTIAL PLAN
SHEET NO.	A6

CONSTRUCTION

See Revised R#6

Feb 14, 2007 - 3:23pm
J:\CURRENT2006\JILL'S HOUSE\CURRENT\ Floor Plan(new).dwg

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FIRST FLOOR PARTIAL FLOOR PLAN

1

SCALE: 1/4" = 1'-0"

N

LIFE SAFETY PLAN NOTES:

A. ALL SHAFTS WITH PENETRATION FROM BASEMENT/GARAGE LEVEL TO FLOORS ABOVE TO BE 2 HR. FIRE RATED W/ 1.5 HR. RATED DOORS W/CLOSURES. DOORS TO STAIR SHALL HAVE 100 SQ. IN. MAX VIEWPORT GLASS.

B. ALL SHAFTS WITH PENETRATION THROUGH UPPER TWO LEVELS ONLY ARE TO BE 1 HOUR FIRE RATED

C. PROVIDE 2 LAYERS 5/8" TYPE X GYPSUM BOARD IN ALL MECHANICAL ROOMS, STORAGE & CHASE AREAS ON CEILINGS.

D. ALL STORAGE, MECHANICAL ROOMS 1 HOUR FIRE RATED WITH SMOKE SEAL ON DOORS.

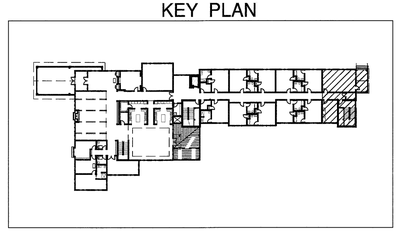
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KEY PLAN



PLAN NOTES:

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SYMBOLS LEGEND

- DENOTES NEW FULL HEIGHT WALLS
- DENOTES NEW CONCRETE FOUNDATION WALLS
- DENOTES EXTERIOR SCREEN WALL
- DENOTES SECTION INDICATOR
- SHEET # — A1-02 — DETAIL #
- DENOTES DETAIL INDICATOR (A1-02: DETAIL #, SHEET #)
- PHOTO # / 25 — DENOTES PHOTO INDICATOR — SHEET #
- 2/102 — DENOTES NEW DOOR AND FRAME SYMBOL TO REFERENCE OPENING SCHEDULE
- W3 EXTERIOR WINDOW # D.S. DOWNSPOUT LOCATION
- 2 DEMOLITION NOTE (2) PLAN NOTE

See Room P.A7

GENERAL NOTES:

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TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
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REVISIONS

A FACILITY FOR:
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751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

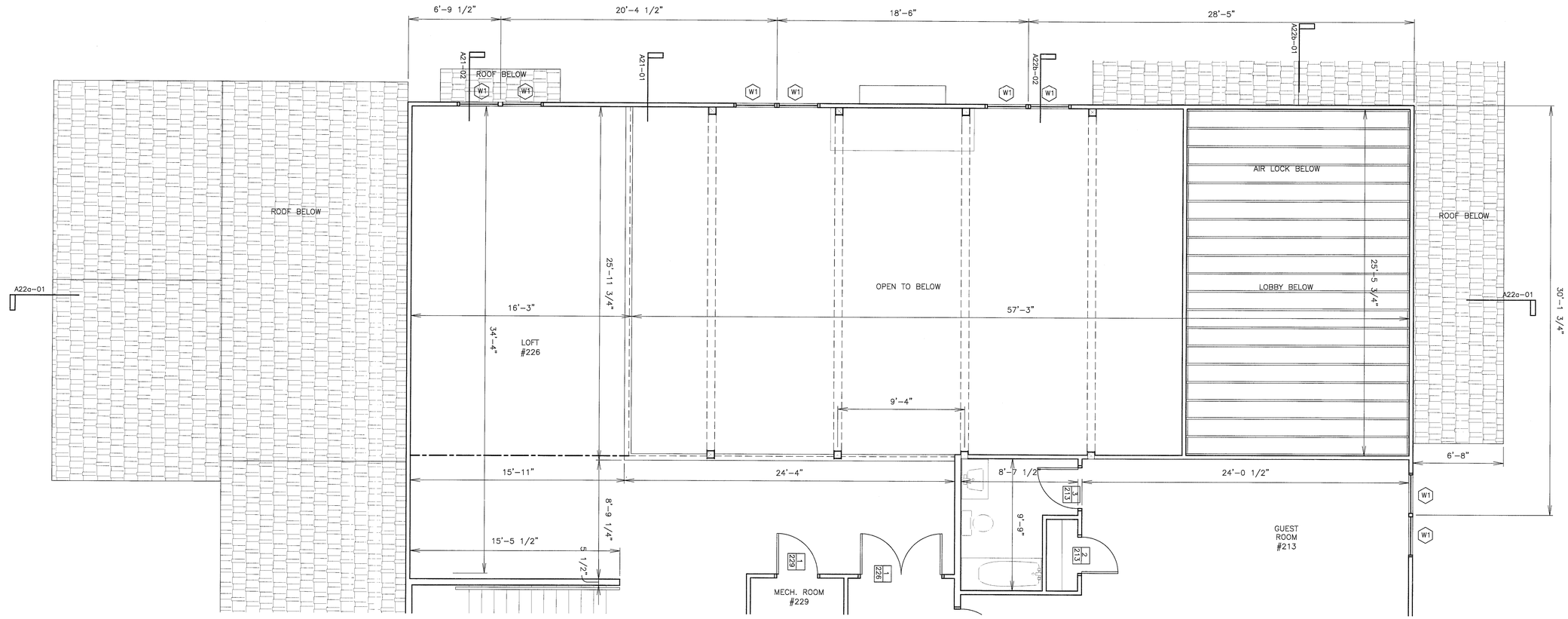
HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP / VB
CHECKED BY	D. BRUCE
SHEET NAME	FIRST FLOOR PARTIAL PLAN
SHEET NO.	A7

CONSTRUCTION

Feb 14, 2007 - 3:24pm
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1 SECOND FLOOR PARTIAL FLOOR PLAN

SCALE: 1/4" = 1'-0"

N

LIFE SAFETY PLAN NOTES:

A. ALL SHAFTS WITH PENETRATION FROM BASEMENT/GARAGE LEVEL TO FLOORS ABOVE TO BE 2 HR. FIRE RATED W/ 1.5 HR. RATED DOORS W/CLOSURES. DOORS TO STAIR SHALL HAVE 100 SQ. IN. MAX VIEWPORT GLASS.

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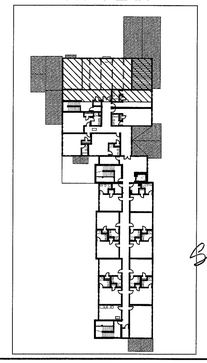
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SYMBOLS LEGEND

- DENOTES NEW FULL HEIGHT WALLS
- DENOTES NEW CONCRETE FOUNDATION WALLS
- DENOTES EXTERIOR SCREEN WALL
- DENOTES SECTION INDICATOR (SHEET # A1-02 DETAIL #)
- DENOTES DETAIL INDICATOR (DETAIL # A1-02, SHEET #)
- DENOTES PHOTO INDICATOR (PHOTO # T 25, SHEET #)
- DENOTES NEW DOOR AND FRAME SYMBOL TO REFERENCE OPENING SCHEDULE (2/102)
- W3 EXTERIOR WINDOW #
- D.S. DOWNSPOUT LOCATION
- 2 DEMOLITION NOTE
- 2 PLAN NOTE

KEY PLAN



TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8558

REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

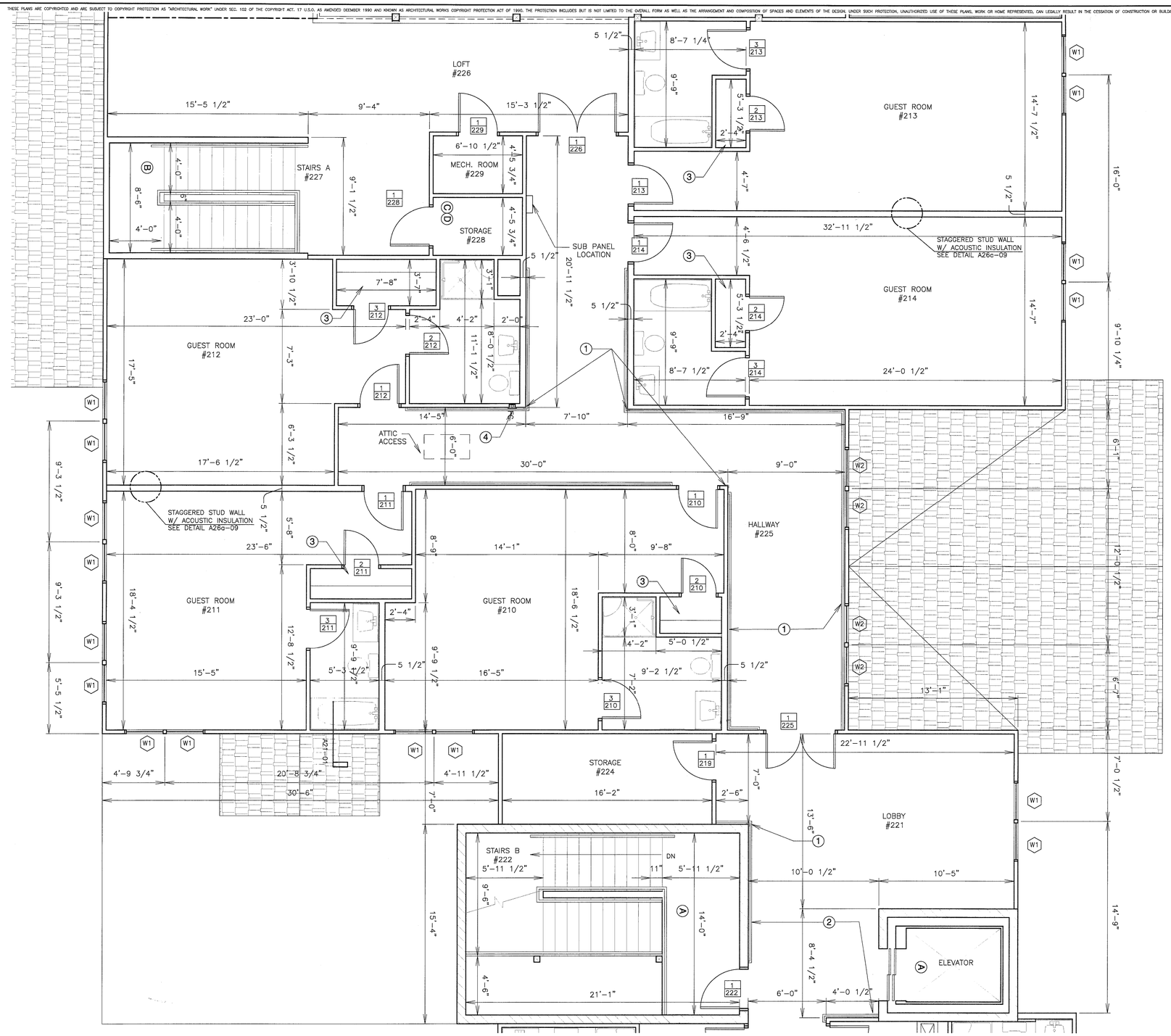
EDWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT
H. Doug Bruce

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP / VB
CHECKED BY	D. BRUCE
SHEET NAME	SECOND FLOOR PARTIAL PLAN
SHEET NO.	A8

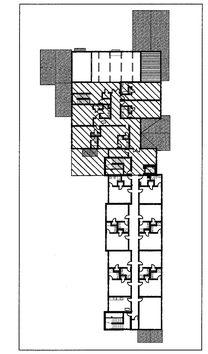
CONSTRUCTION

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KEY PLAN



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F. ALL GUEST ROOM AND STAIRWELL DOORS TO HAVE SMOKE SEALS.

G. GARAGE LEVEL IS CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.

H. BUILDING IS EQUIPPED WITH NFPA 13 SPRINKLER SYSTEM THROUGHOUT.

1 ALTERNATE SECOND FLOOR PARTIAL FLOOR PLAN

SCALE: 1/4" = 1'-0"

N

PLAN NOTES:

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SYMBOLS LEGEND

- DENOTES NEW FULL HEIGHT WALLS
- DENOTES NEW CONCRETE FOUNDATION WALLS
- DENOTES EXTERIOR SCREEN WALL
- DENOTES SECTION INDICATOR (A1-02 / SHEET # / DETAIL #)
- (2) DEMOLITION NOTE
- (2) PLAN NOTE
- A1-02 DENOTES DETAIL INDICATOR (DETAIL # / SHEET #)
- 1/25 DENOTES PHOTO INDICATOR (PHOTO # / SHEET #)
- 2/102 DENOTES NEW DOOR AND FRAME SYMBOL TO REFERENCE OPENING SCHEDULE
- W3 EXTERIOR WINDOW #
- D.S. DOWNSPOUT LOCATION

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TABOR BRUCE
ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

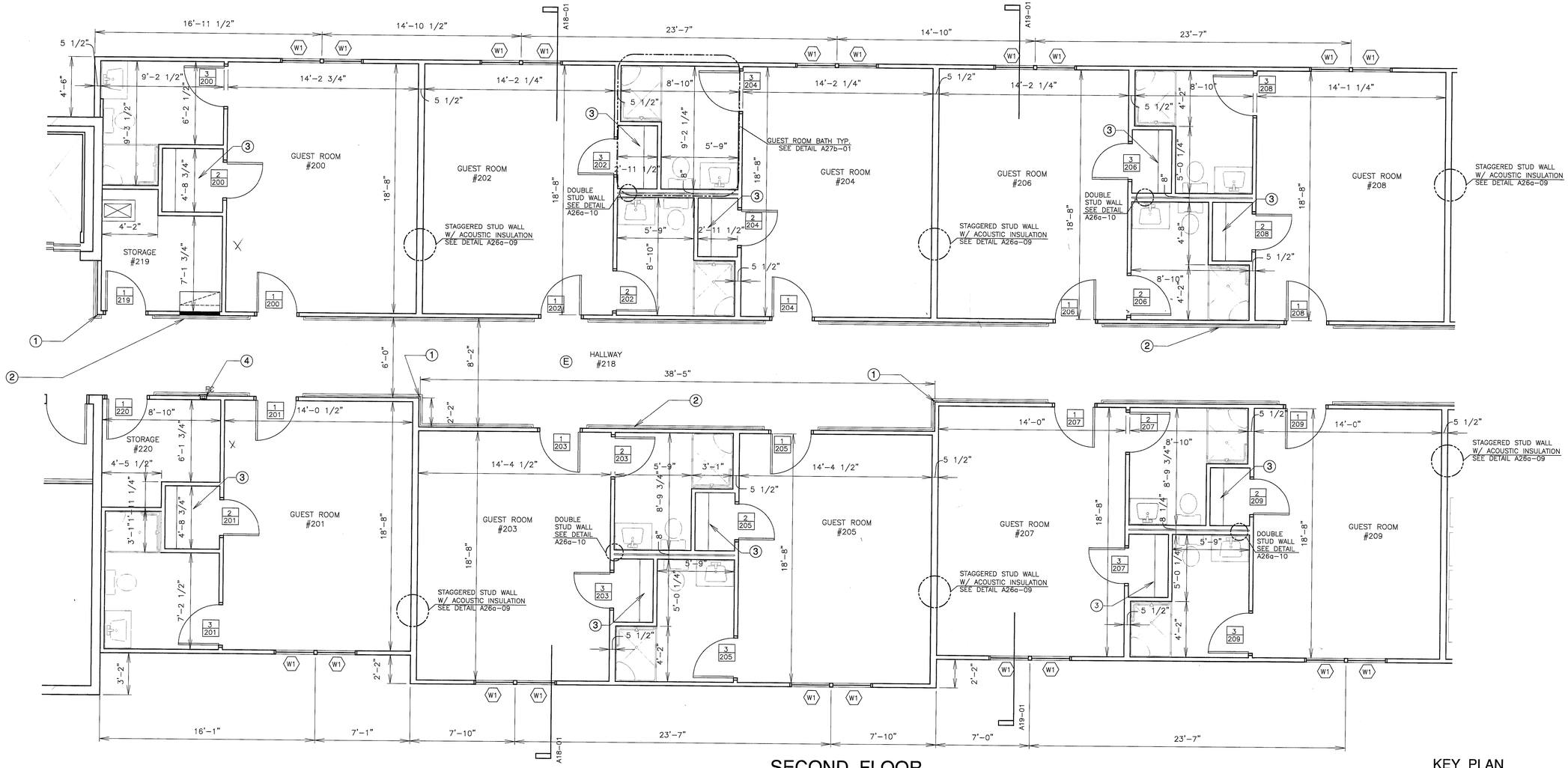
A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE
REGISTERED
NO. AR19900009
STATE OF INDIANA
ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP / VB
CHECKED BY	D. BRUCE
SHEET NAME	SECOND FLOOR PARTIAL PLAN
SHEET NO.	A9

CONSTRUCTION

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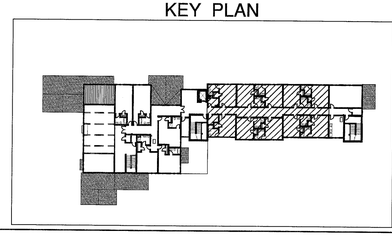
SECOND FLOOR PARTIAL FLOOR PLAN

1

SCALE: 1/4" = 1'-0"

N

KEY PLAN



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5. KNOX BOX LOCATION FOR FIRE DEPARTMENT.
6. CHASE IN STORAGE #219 FOR 24/8 SUPPLY DUCT THRU SECOND FLOOR TO STORAGE #114
7. CHASE IN ROOM STORAGE #219 FOR A 30/8 RETURN DUCT FROM HALLWAY, THRU SECOND FLOOR TO FCU-4 IN STORAGE #114.

GENERAL NOTES:

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- DENOTES NEW CONCRETE FOUNDATION WALLS
- DENOTES EXTERIOR SCREEN WALL
- DENOTES SECTION INDICATOR
- SHEET # / A1-02 / DETAIL #
- DENOTES DETAIL INDICATOR (A1-02 / DETAIL # / SHEET #)
- DENOTES PHOTO INDICATOR (PHOTO # / SHEET #)
- DENOTES NEW DOOR AND FRAME SYMBOL TO REFERENCE OPENING SCHEDULE
- W3 EXTERIOR WINDOW # — D.S. DOWNSPOUT LOCATION
- (2) DEMOLITION NOTE — (2) PLAN NOTE

See Revised R&10

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

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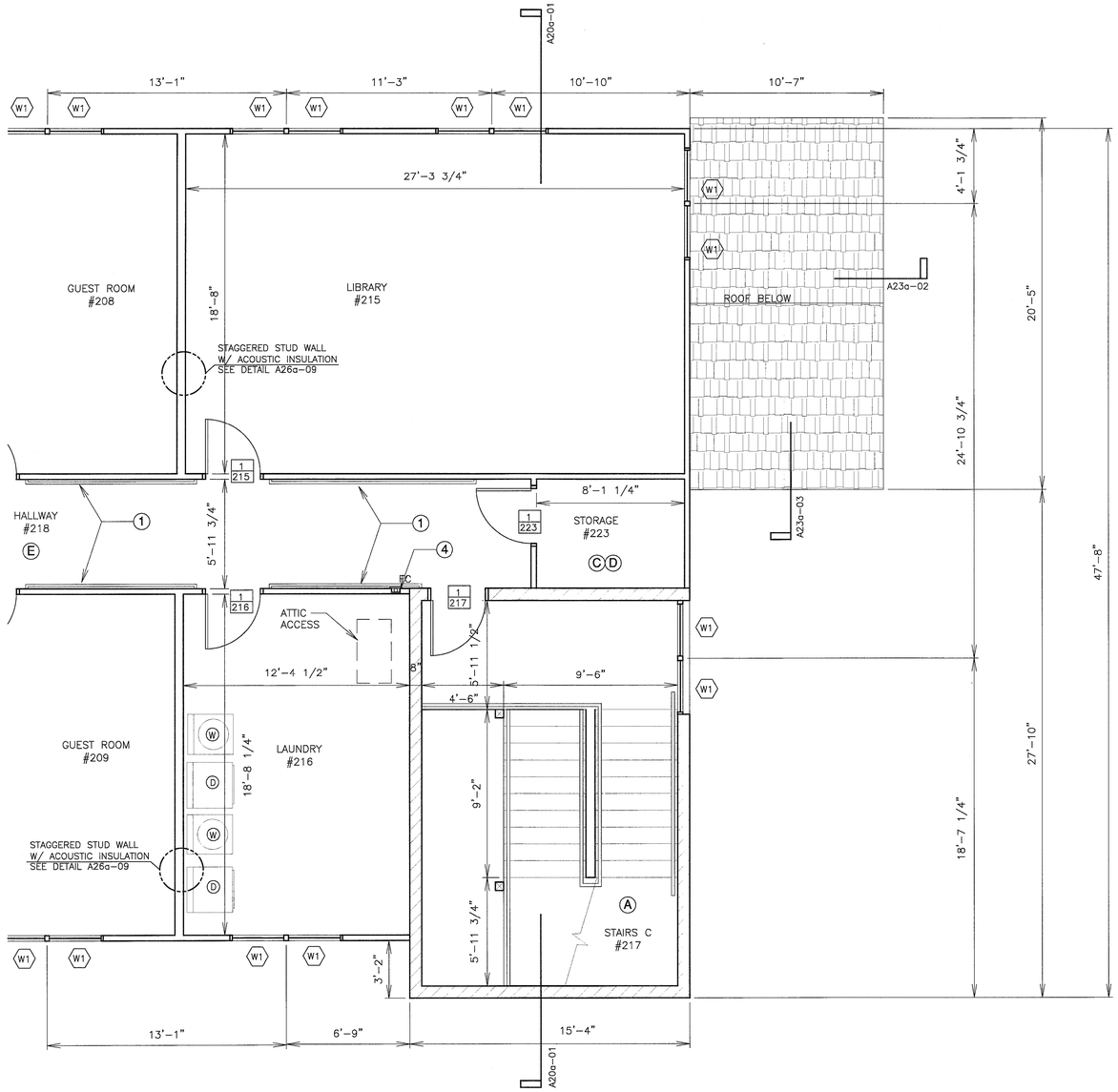
HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT
H Doug Bruce

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP / VB
CHECKED BY	D. BRUCE
SHEET NAME	SECOND FLOOR PARTIAL PLAN
SHEET NO.	A10

CONSTRUCTION

Feb 14, 2007 – 3:28pm
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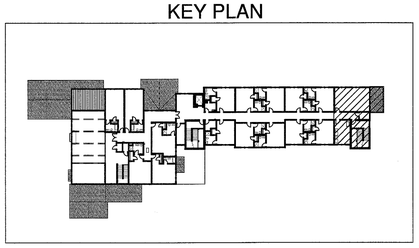
SECOND FLOOR PARTIAL FLOOR PLAN

1

SCALE: 1/4" = 1'-0"

N

KEY PLAN



LIFE SAFETY PLAN NOTES:

A. ALL SHAFTS WITH PENETRATION FROM BASEMENT/GARAGE LEVEL TO FLOORS ABOVE TO BE 2 HR. FIRE RATED W/ 1.5 HR. RATED DOORS W/CLOSURES. DOORS TO STAIR SHALL HAVE 100 SQ. IN. MAX VIEWPORT GLASS.

B. ALL SHAFTS WITH PENETRATION THROUGH UPPER TWO LEVELS ONLY ARE TO BE 1 HOUR FIRE RATED

C. PROVIDE 2 LAYERS 5/8" TYPE X GYPSUM BOARD IN ALL MECHANICAL ROOMS, STORAGE & CHASE AREAS ON CEILINGS.

D. ALL STORAGE, MECHANICAL ROOMS 1 HOUR FIRE RATED WITH SMOKE SEAL ON DOORS.

E. FOR 1 HOUR RATED BEDROOM HALLWAYS #113 & 218, PROVIDE ONE LAYER OF TYPE 'X' 5/8" GYPSUM BOARD ON HALLWAY WALLS & PROVIDE 2 LAYERS OF TYPE 'X' 5/8" GYPSUM BOARD OVER RESILIENT CHANNELS ON CEILING IN HALLWAYS.

F. ALL GUEST ROOM AND STAIRWELL DOORS TO HAVE SMOKE SEALS.

G. GARAGE LEVEL IS CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.

H. BUILDING IS EQUIPPED WITH NFPA 13 SPRINKLER SYSTEM THROUGHOUT.

PLAN NOTES:

(1) PROVIDE ACROVYN SURFACE CORNER GUARDS AS SMWS-10, WOOD WITH S.S. INSERT AT LOCATIONS AS SHOWN.

(2) PROVIDE ACROVYN HANDRAILS ALONG FIRST & SECOND FLOORS ON ROOM HALLWAYS AS SHOWN. (MODEL HRW 35, WOOD).

(3) CLOSETS: VINYL COATED WIRE SHELVES WITH INTEGRAL HANGER BAR (TYP.)

GENERAL NOTES:

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- ALL INTERIOR DIMENSIONS ARE SHOWN STUD TO STUD AND DO NOT INCLUDE WALL FINISHES.

- ALL DOOR OPENINGS SHALL BE LOCATED 4" FROM ADJOINING WALL UNLESS NOTED OTHER WISE.

- CONTRACTOR TO VERIFY PLACEMENT OF ANCHOR BOLTS TO ADJOINING MATERIALS PRIOR TO PLACEMENT OF BOLTS AND SHALL PROTECT ANY EXPOSED ANCHOR BOLTS.

SYMBOLS LEGEND

- DENOTES NEW FULL HEIGHT WALLS
- DENOTES NEW CONCRETE FOUNDATION WALLS
- DENOTES EXTERIOR SCREEN WALL
- DENOTES SECTION INDICATOR (SHEET # / A1-02 / DETAIL #)
- DENOTES DETAIL INDICATOR (DETAIL # / SHEET #)
- DENOTES PHOTO INDICATOR (PHOTO # / SHEET #)
- DENOTES NEW DOOR AND FRAME SYMBOL TO REFERENCE OPENING SCHEDULE
- W3 EXTERIOR WINDOW #
- D.S. DOWNSPOUT LOCATION
- 2 DEMOLITION NOTE
- (2) PLAN NOTE

See Sheet RA11

A FACILITY FOR:

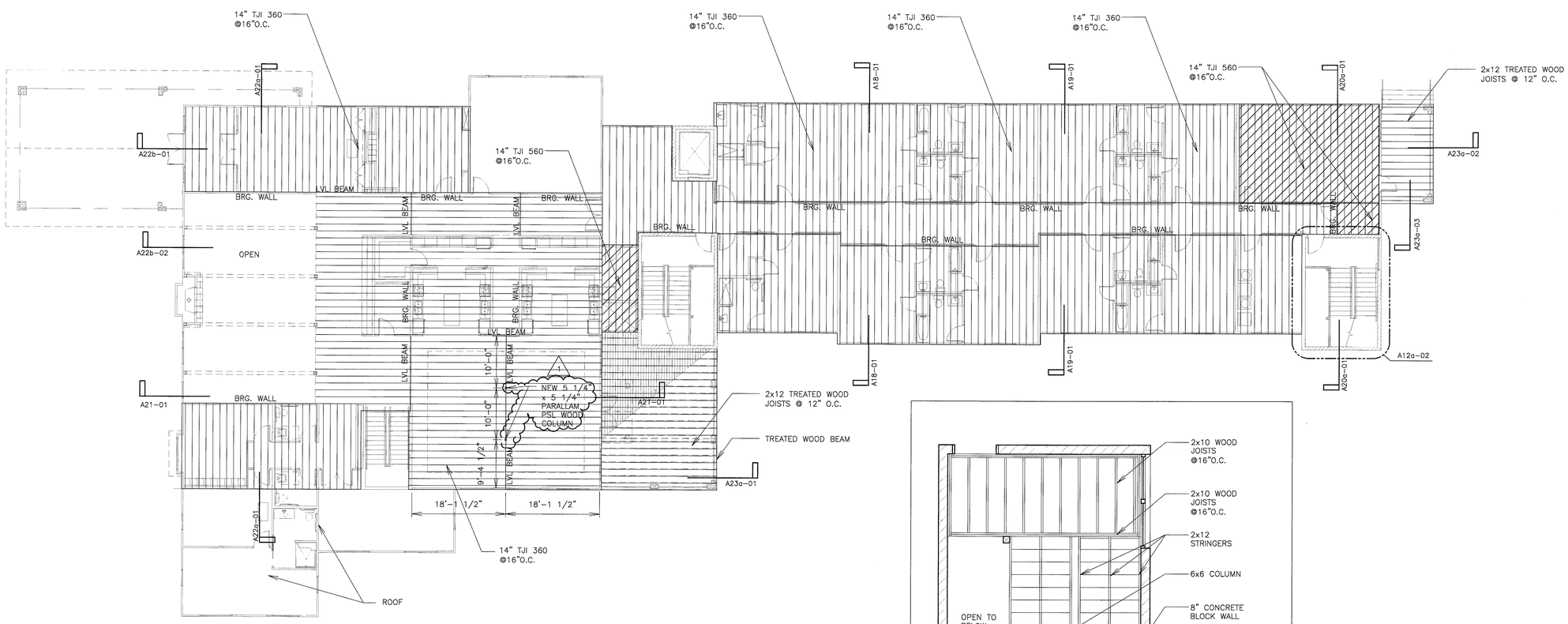
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PROJECT NO.
DATE
DRAWN BY
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SECO
PART
SHEET NO.

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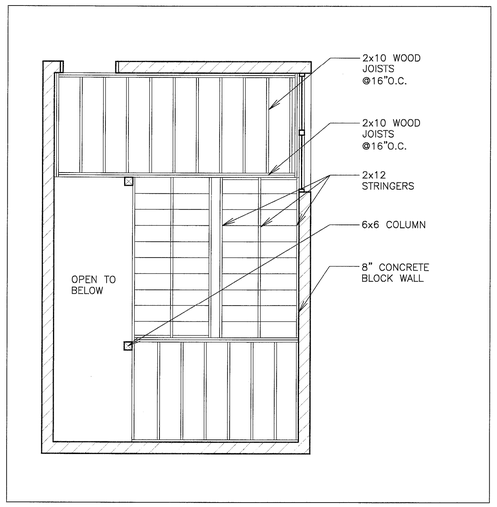
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1 **2nd FLOOR FRAMING PLAN**

SCALE 3/32" = 1'-0"

N



2 **STAIR FRAMING PLAN**

SCALE 1/4" = 1'-0"

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14" TJI 560 @ O.C.

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- D.S. DOWNSPOUT LOCATION
- 2 DEMOLITION NOTE
- 2 PLAN NOTE

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN 47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS
1 ADDED POSTS AS SHOWN 3/27/07

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

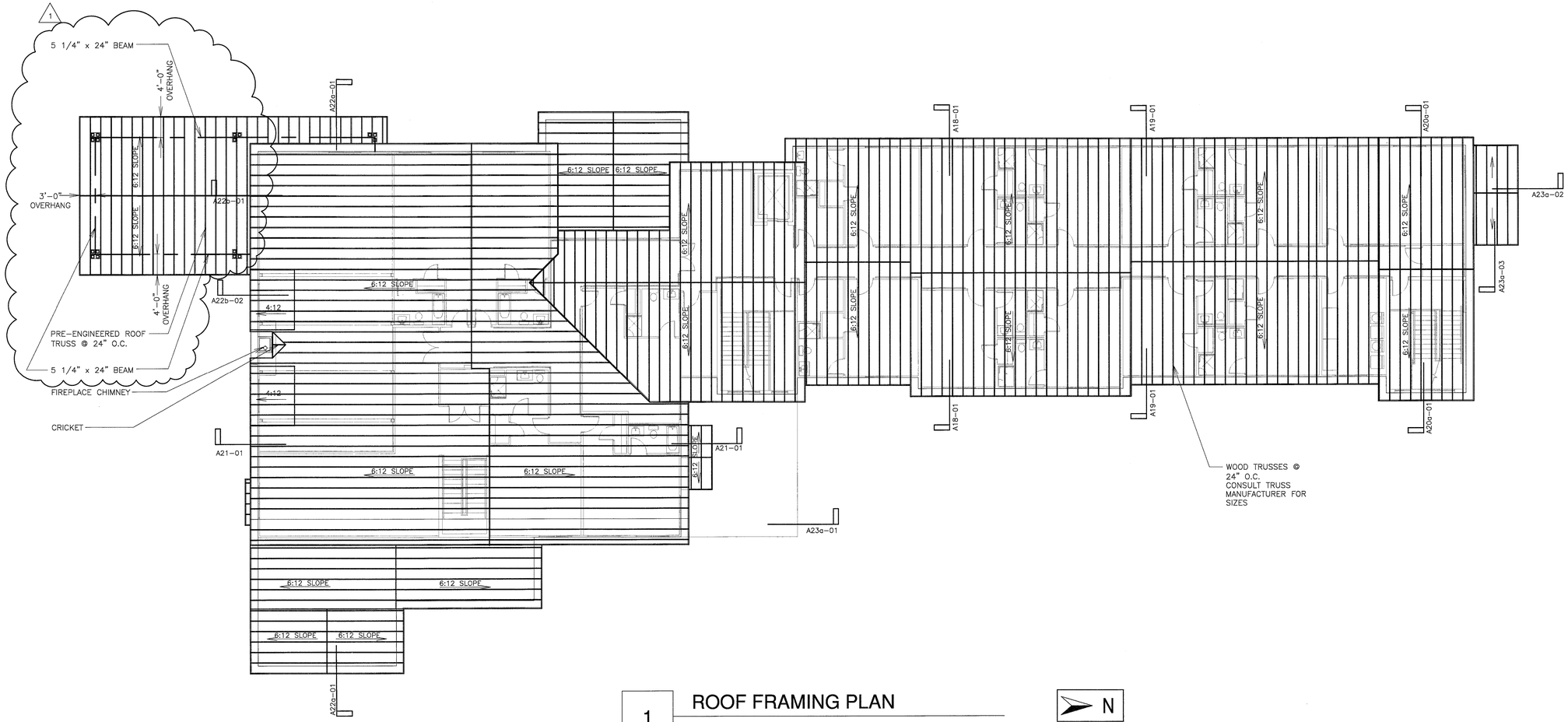
HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP
CHECKED BY	D. BRUCE
SHEET NAME	2nd FLOOR FRAMING PLAN
SHEET NO.	RA12a

CONSTRUCTION

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1 ROOF FRAMING PLAN

SCALE 3/32" = 1'-0"

N

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- D.S. DOWNSPOUT LOCATION
- 2 DEMOLITION NOTE
- 2 PLAN NOTE

TABOR BRUCE
ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

1 ADDED NOTES TO CANOPY AS SHOWN – 3/27/07

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

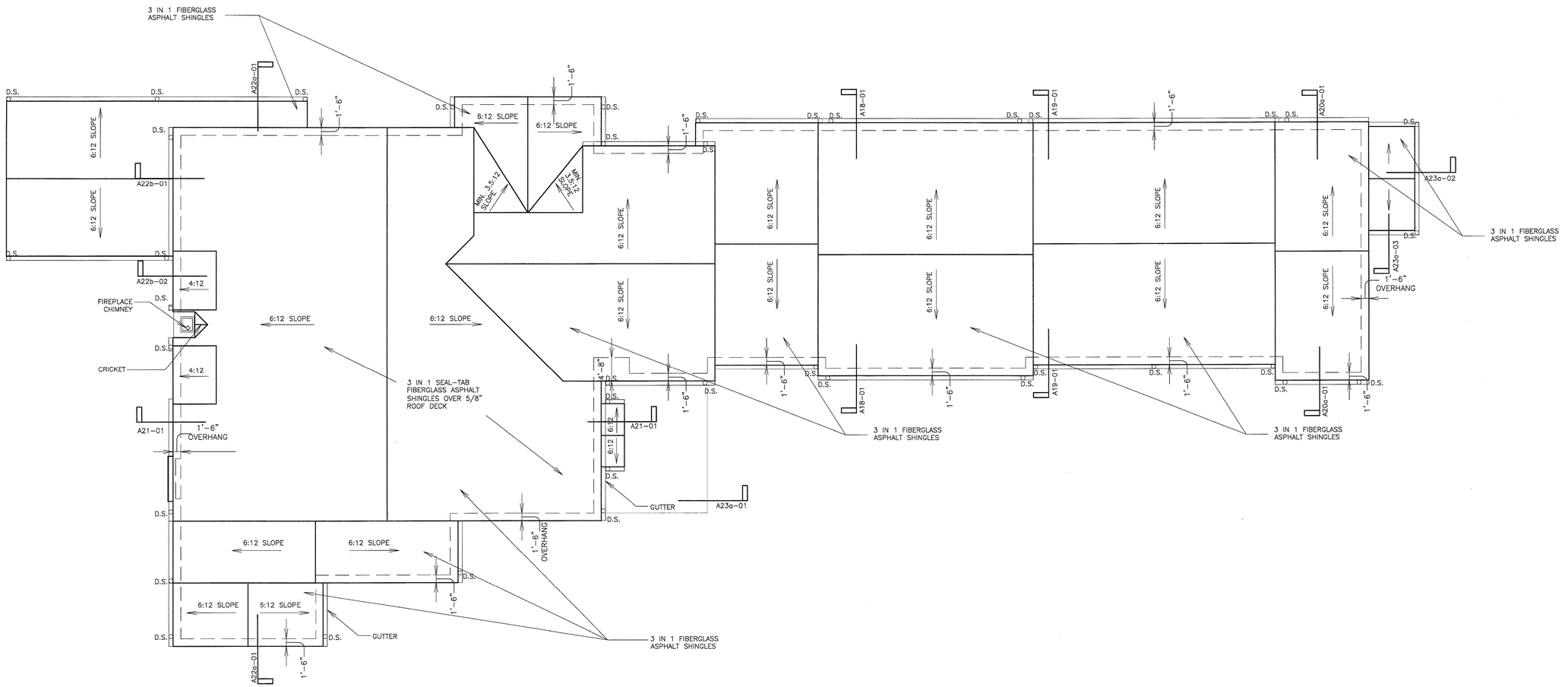
HOWARD DOUGLAS BRUCE
REGISTERED
NO. AR19900009
STATE OF INDIANA
ARCHITECT
H. Doug Bruce

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP
CHECKED BY	D. BRUCE
SHEET NAME	ROOF FRAMING PLAN
SHEET NO.	RA12b

CONSTRUCTION

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1 ROOF PLAN

SCALE 3/32" = 1'-0"

N

GENERAL ROOF PLAN NOTES

1. PROVIDE PRE–ENGINEERED ROOF TRUSSES @ 2'–0" O.C. WITH THE FOLLOWING LOADING.
   TCDL – 20
   TCLL – 10
   BCDL –10
   TOTAL LOAD 40psf
2. PROVIDE 5/8" OSB T & G DECKING WITH CLIPS
3. PROVIDE 15# FELT TYP. AND 24" OF RUBBER ICE SHIELD AT ALL EAVES.
4. PROVIDE 3 IN 1 FIBERGLASS SEAL TAB, 25 YEAR ARCHITECTURAL ROOF SHINGLES TYPICAL.
5. 1'–6" OVERHANG UNLESS OTHERWISE NOTED.
6. SEE ROOF PLAN FOR ROOF SLOPE.
7. ALL ROOF PENETRATIONS SHALL BE PROPERLY FLASHED, THEY SHALL PENETRATE TO THE BACK OF THE ROOF WHERE POSSIBLE.
8. PROVIDE RIDGE VENT AND/OR BOX VENTS FOR ROOF VENTING AS NEEDED
9. PROVIDE VENTED ALUMINUM SOFFIT.

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- SHEET # / DETAIL # (A1–02)
- DENOTES DETAIL INDICATOR (A1–02: DETAIL #, SHEET #)
- PHOTO # / SHEET # (1/25) DENOTES PHOTO INDICATOR
- 2/102 DENOTES NEW DOOR AND FRAME SYMBOL TO REFERENCE OPENING SCHEDULE
- W3 EXTERIOR WINDOW #
- D.S. DOWNSPOUT LOCATION
- 2 DEMOLITION NOTE
- (2) PLAN NOTE

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN.47404
TELEPHONE: (812) 332–6258 FACSIMILE: (812) 332–8658

REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

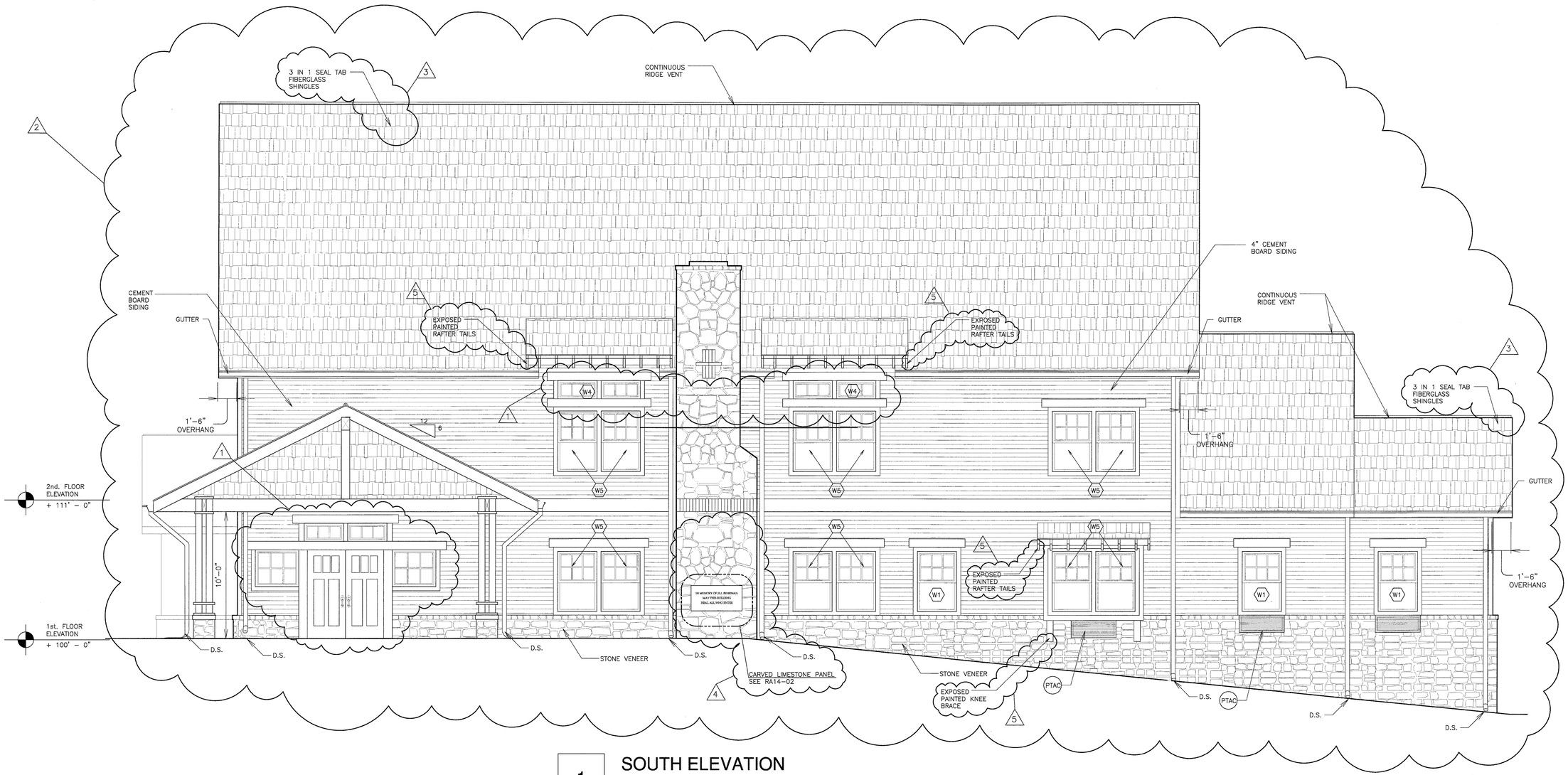
HOWARD DOUGLAS BRUCE III REGISTERED No. AR19900009 STATE OF INDIANA ARCHITECT
H. Doug Bruce

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP
CHECKED BY	D. BRUCE
SHEET NAME	ROOF PLAN
SHEET NO.	A13

CONSTRUCTION

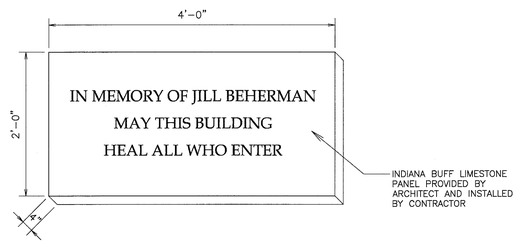
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1 SOUTH ELEVATION

SCALE:1/4" = 1'-0"



2 CARVED LIMESTONE PANEL

SCALE:1" = 1'-0"

TYPICAL NOTES

- PTAC — PTAC UNIT
- W1 — WINDOW UNIT
- D.S. — DOWN SPOUT

EXTERIOR ELEVATION GENERAL NOTES

A. PROVIDE SELF-ADHESIVE MEMBRANE FLASHING THROUGHOUT WHERE SHOWN ON DRAWINGS. MANUFACTURER REFERENCE TO BE "FIBERWEB" MODEL AQUA FLASH 500 POLYETHYLENE/ RUBBERIZED ASPHALT FLASHING. INSTALL ACCORDING TO MANUFACTURERS SPECIFICATIONS TO UPHOLD WARRANTY. PROVIDE FLASHING AS SHOWN ON DRAWINGS, AT THE SILL AND HEAD OF ALL WINDOWS, DOOR HEADS, AND CONTINUOUS ALONG BASE OF MASONRY WALL.

B. PROVIDE METAL ANCHORS FOR MASONRY VENEER AS FOLLOWS:
A. "H&B" DW10HS-HDG FOR BRICK VENEER AND SPLIT FACED VENEER AND "H&B" DW10HS-SS FOR ALL "CAST STONE" MASONRY TRIM LOCATIONS.

C. EXTERIOR SIDING MATERIALS ARE NOT A WATER BARRIER. PROVIDE TYVEK COMMERCIAL WRAP OVER ALL EXTERIOR SHEATHINGS, INSTALL PER MANUFACTURER'S RECOMENDATIONS. PROVIDE CONTINUOUS FLASHING AROUND ALL OPENINGS AND STRUCTURAL PENETRATIONS. WHERE NEEDED, PROVIDE GALVANIZED WALL TIES AS SHOWN AND ROPE TYPE WICK WEEP HOLES HORIZONTALLY @ 16" O.C.

D. ALL "CAST STONE" MASONRY TRIM MEMBERS ON UPPER PART OF BUILDING MAY BE 4'-0" (+/-) LONG. ALL JOINT LINES ARE TO BE EQUALLY SPACED.

E. PROVIDE 4" OFFSET OF "CAST STONE" MASONRY TRIM OVER ALL WINDOW HEADS.

F. PREMIER CONCRETE BLOCK IS TO BE BID AS AN ALTERNATE COST. LIST AS ALTERNATE #1 ON BID FORM. PREMIER CONCRETE BLOCK IS TO MATCH UNIT SIZES SHOWN ON DRAWINGS. CUSTOM CAST STONE SPLIT FACE UNITS ARE TO BE BASE BID. COLOR IS TO BE CUSTOM COLOR CHOCOLATE BROWN AS PER SAMPLE AT ARCHITECT'S OFFICE.

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H. WINDOW MUNTINS OR GRIDS ARE TO BE SHOWN ON THE DRAWINGS, RUNNING DOWN THE CENTER OF THE GLASS. GRID TYPE IS TO BE BETWEEN THE GLASS PANES.

I. WINDOW SUPPLIER IS TO VERIFY THAT ALL WINDOW UNITS PROVIDED FOR THIS PROJECT MEETS THE LATEST REQUIREMENT OF THE INDIANA BUILDING CODE FOR FIRE EGRESS IN ALL BEDROOMS SHOWN ON PLAN. IF A REQUIREMENT IS NOT MET, THE ARCHITECT IS TO BE INFORMED PRIOR TO ORDERING OF WINDOW UNITS.

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

1. WOOD STOREFRONT SYSTEM ADDED 19 MARCH 07 - EP
2. CHANGED WINDOW SIZE FOR EGRESS 21 MARCH 07 - EP
3. CHANGED ROOF NOTE 21 MARCH 07 - EP
4. CHANGED PANEL HEIGHT 21 MARCH 07 - EP
5. ADDED NOTES 21 MARCH 07 - EP

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

PROJECT NO.	1901
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DRAWN BY	VB/EP
CHECKED BY	D. BRUCE

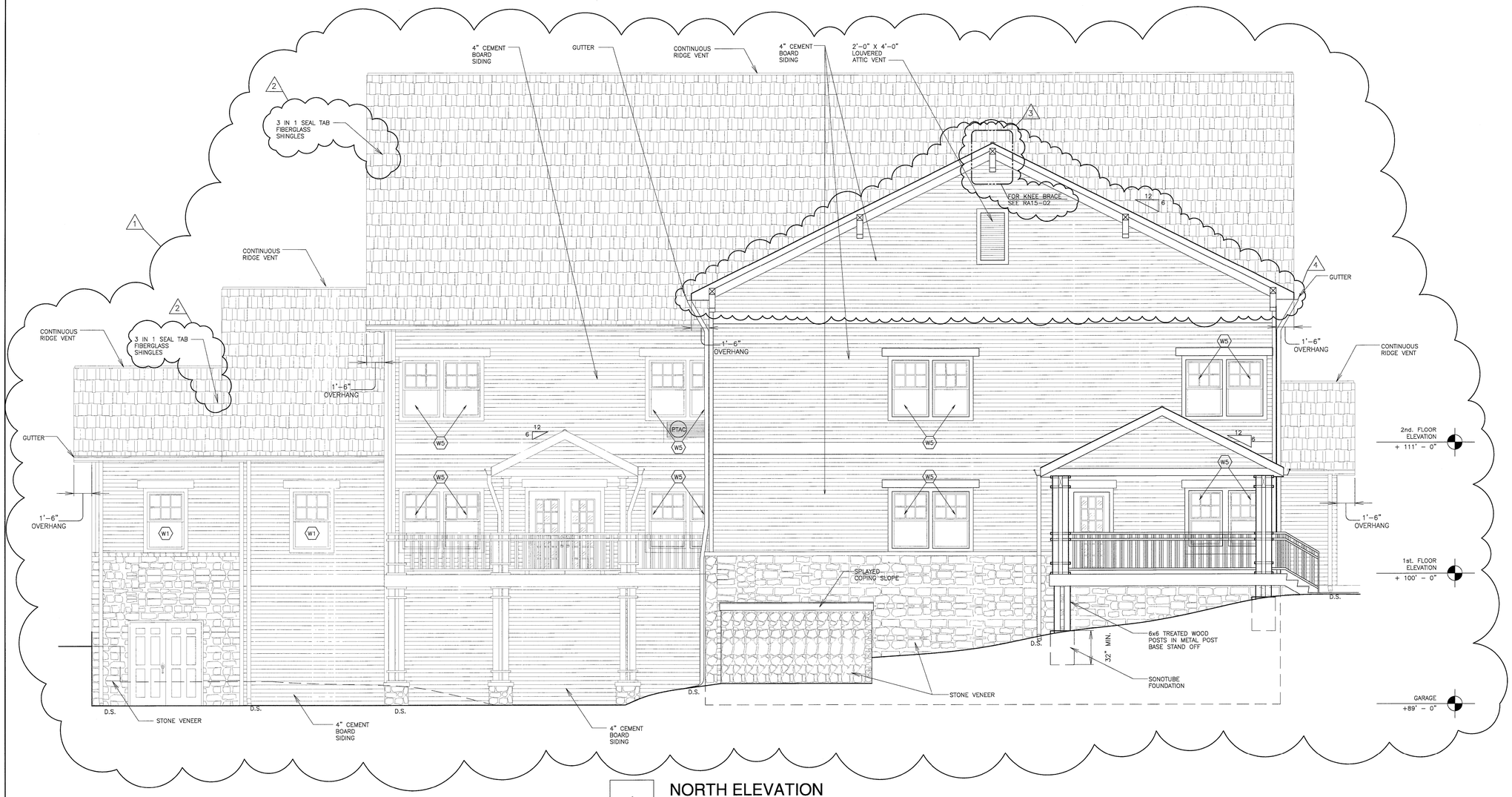
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SHEET NO.: RA14

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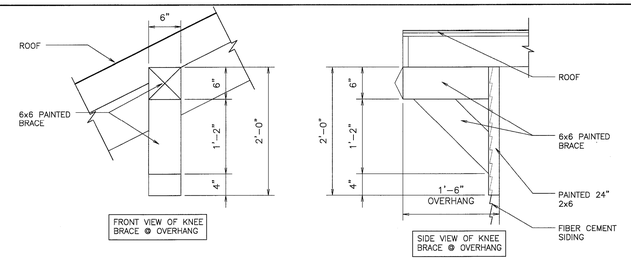
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1 NORTH ELEVATION

SCALE:1/4" = 1'-0"



2 KNEE BRACE VIEWS

SCALE:1" = 1'-0"

TYPICAL NOTES

PTAC PTAC UNIT

W1 WINDOW UNIT

D.S. DOWN SPOUT

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TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

1 CHANGE WINDOW SIZE FOR EGRESS 21 MARCH 07 - EP

2 ROOF NOTE CHANGE 21 MARCH 07 - EP

3 KNEE BRACE NOTE/DETAIL 21 MARCH 07 - EP

4 CHANGED SIDING 21 MARCH 07 - EP

A FACILITY FOR:
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751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

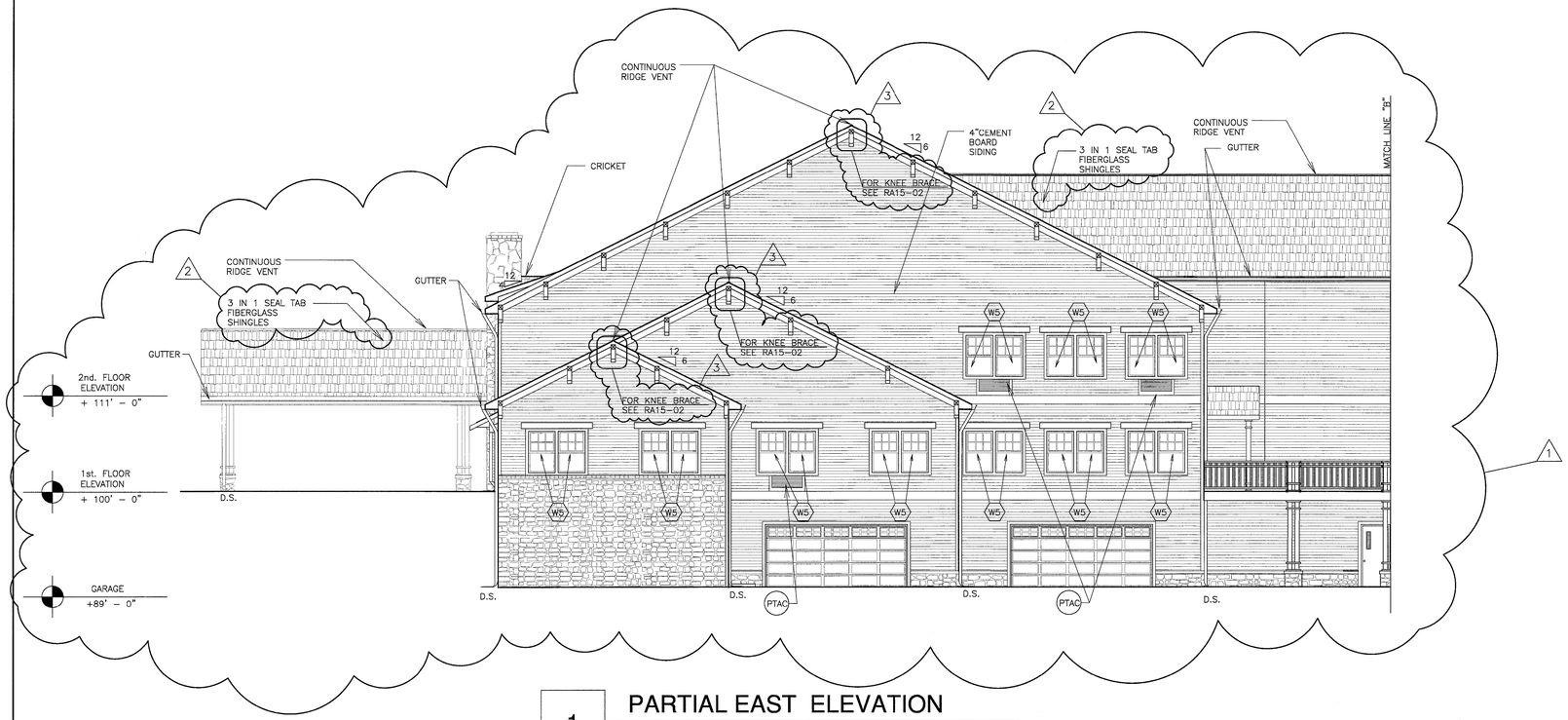
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PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	VB/EP
CHECKED BY	D. BRUCE
SHEET NAME	NORTH ELEVATION
SHEET NO.	RA15

CONSTRUCTION

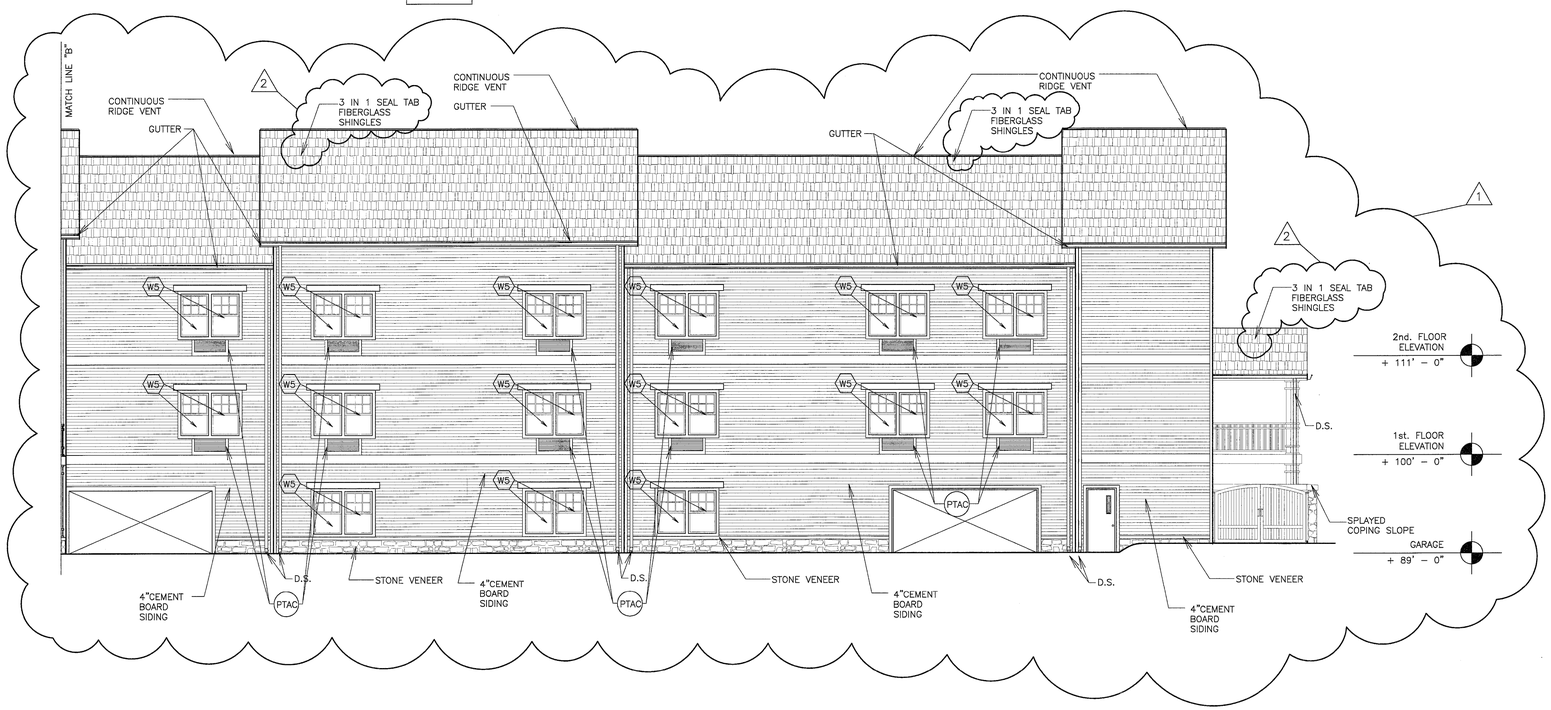
Apr 06, 2007 - 2:30pm
J:\CURRENT2006\JILL'S HOUSE\CURRENT\ Elevations (new).dwg

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1 PARTIAL EAST ELEVATION

SCALE:1/8" = 1'-0"



2 PARTIAL EAST ELEVATION

SCALE:1/8" = 1'-0"

Apr 06, 2007 - 2:32pm
J:\CURRENT2006\JILL'S HOUSE\CURRENT\ Elevations (new).dwg

ELEVATION GENERAL NOTES

A. PROVIDE SELF-ADHESIVE MEMBRANE FLASHING THROUGHOUT WHERE SHOWN ON DRAWINGS. MANUFACTURER REFERENCE TO BE "FIBERWEB" MODEL AQUA FLASH 500 POLYETHYLENE/ RUBBERIZED ASPHALT FLASHING. INSTALL ACCORDING TO MANUFACTURERS SPECIFICATIONS TO UPHOLD WARRANTY. PROVIDE FLASHING AS SHOWN ON DRAWINGS, AT THE SILL AND HEAD OF ALL WINDOWS, DOOR HEADS, AND CONTINUOUS ALONG BASE OF MASONRY WALL.

B. PROVIDE METAL ANCHORS FOR MASONRY VENEER AS FOLLOWS: A. "H&B" DW10HS-HDG FOR BRICK VENEER AND SPLIT FACED VENEER AND "H&B" DW10HS-SS FOR ALL "CAST STONE" MASONRY TRIM LOCATIONS.

C. EXTERIOR SIDING MATERIALS ARE NOT A WATER BARRIER. PROVIDE TYVEK COMMERCIAL WRAP OVER ALL EXTERIOR SHEATHINGS, INSTALL PER MANUFACTURER'S RECOMENDATIONS. PROVIDE CONTINUOUS FLASHING AROUND ALL OPENINGS AND STRUCTURAL PENETRATIONS. WHERE NEEDED, PROVIDE GALVANIZED WALL TIES AS SHOWN AND ROPE TYPE WICK WEEP HOLES HORIZONTALLY @ 16" O.C.

D. ALL "CAST STONE" MASONRY TRIM MEMBERS ON UPPER PART OF BUILDING MAY BE 4'-0" (+/-) LONG. ALL JOINT LINES ARE TO BE EQUALLY SPACED.

E. PROVIDE 4" OFFSET OF "CAST STONE" MASONRY TRIM OVER ALL WINDOW HEADS.

F. PREMIER CONCRETE BLOCK IS TO BE BID AS AN ALTERNATE COST. LIST AS ALTERNATE #1 ON BID FORM. PREMIER CONCRETE BLOCK IS TO MATCH UNIT SIZES SHOWN ON DRAWINGS. CUSTOM CAST STONE SPLIT FACE UNITS ARE TO BE BASE BID. COLOR IS TO BE CUSTOM COLOR CHOCOLATE BROWN AS PER SAMPLE AT ARCHITECT'S OFFICE.

G. SPLIT FACED UNITS AT BASE OF BUILDING ARE TO BE CUSTOM COLOR CHOCOLATE BROWN. SUBMIT MASONRY COLOR SAMPLE TO ARCHITECT FOR FINAL APPROVAL.

H. WINDOW MUNTINS OR GRIDS ARE TO BE SHOWN ON THE DRAWINGS, RUNNING DOWN THE CENTER OF THE GLASS. GRID TYPE IS TO BE BETWEEN THE GLASS PANES.

I. WINDOW SUPPLIER IS TO VERIFY THAT ALL WINDOW UNITS PROVIDED FOR THIS PROJECT MEETS THE LATEST REQUIREMENT OF THE INDIANA BUILDING CODE FOR FIRE EGRESS IN ALL BEDROOMS SHOWN ON PLAN. IF A REQUIREMENT IS NOT MET, THE ARCHITECT IS TO BE INFORMED PRIOR TO ORDERING OF WINDOW UNITS.

TYPICAL NOTES

PTAC PTAC UNIT

W1 WINDOW UNIT

D.S. DOWN SPOUT

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN 47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

1 CHANGE WINDOW SIZE FOR EGRESS 21 MARCH 07 - EP

2 ROOF NOTE CHANGE 21 MARCH 07 - EP

3 KNEE BRACE NOTE/DETAIL 21 MARCH 07 - EP

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

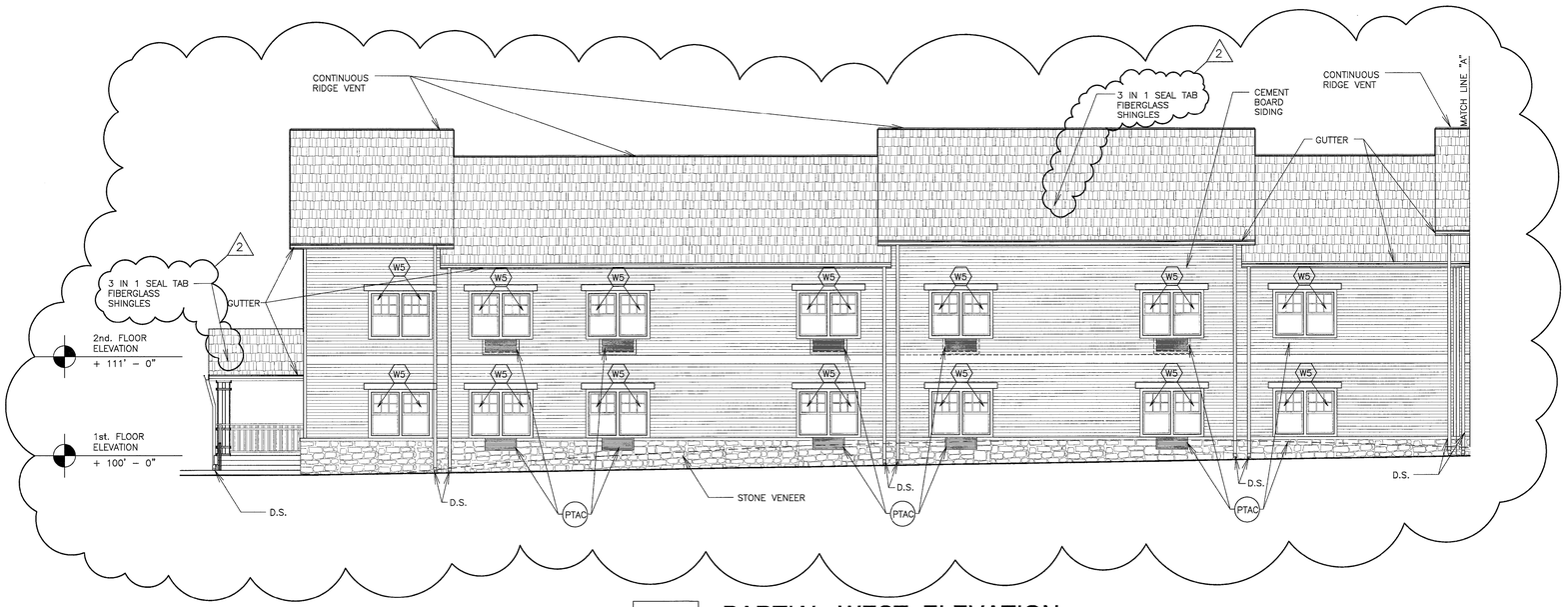
HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	VB/EP
CHECKED BY	D. BRUCE

SHEET NAME
EAST ELEVATION

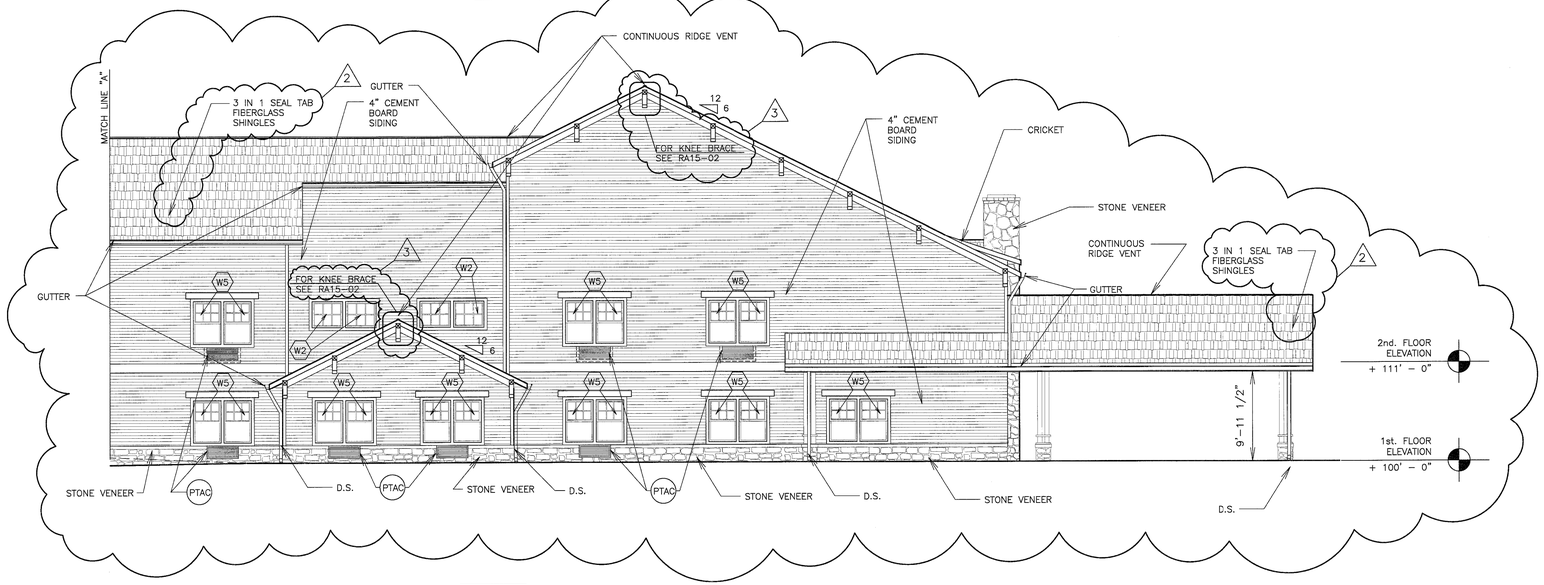
SHEET NO.
RA16
CONSTRUCTION

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1 PARTIAL WEST ELEVATION

SCALE:1/8" = 1'-0"



2 PARTIAL WEST ELEVATION

SCALE:1/8" = 1'-0"

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

1 CHANGE WINDOW SIZE FOR EGRESS 21 MARCH 07 – EP

2 ROOF NOTE CHANGE 21 MARCH 07 – EP

3 KNEE BRACE NOTE/DETAIL 21 MARCH 07 – EP

ELEVATION GENERAL NOTES

A. PROVIDE SELF-ADHESIVE MEMBRANE FLASHING THROUGHOUT WHERE SHOWN ON DRAWINGS. MANUFACTURER REFERENCE TO BE "FIBERWEB" MODEL AQUA FLASH 500 POLYETHYLENE/ RUBBERIZED ASPHALT FLASHING. INSTALL ACCORDING TO MANUFACTURERS SPECIFICATIONS TO UPHOLD WARRANTY. PROVIDE FLASHING AS SHOWN ON DRAWINGS, AT THE SILL AND HEAD OF ALL WINDOWS, DOOR HEADS, AND CONTINUOUS ALONG BASE OF MASONRY WALL.

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TYPICAL NOTES

(PTAC) PTAC UNIT

(W1) WINDOW UNIT

D.S. DOWN SPOUT

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

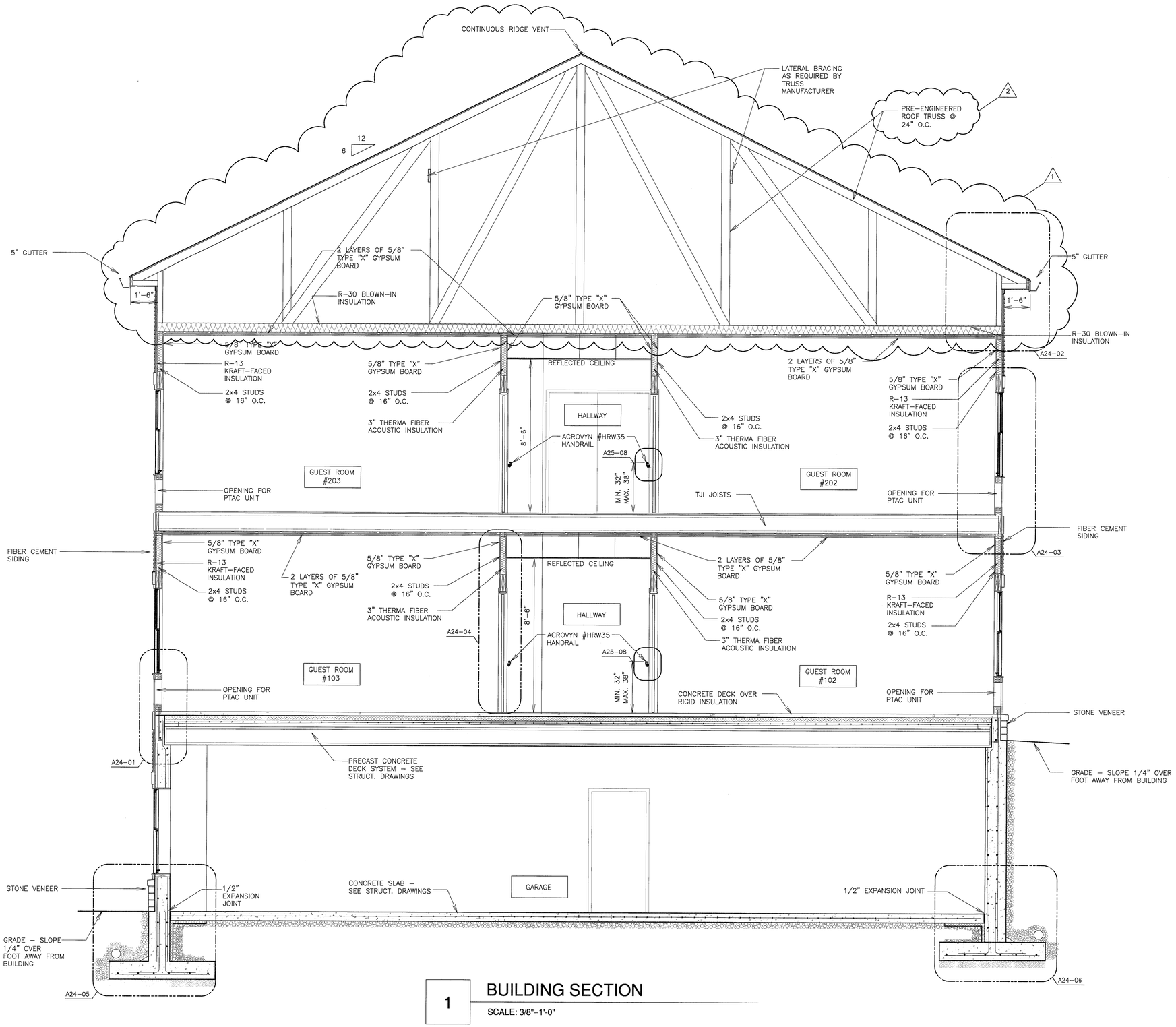
HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	VB/EP
CHECKED BY	D. BRUCE
SHEET NAME	WEST ELEVATION
SHEET NO.	RA17

CONSTRUCTION

Apr 06, 2007 – 2:32pm
J:\CURRENT2006\JILL'S HOUSE\CURRENT\ Elevations (new).dwg

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1 BUILDING SECTION

SCALE: 3/8"=1'-0"

Apr 06, 2007 - 2:33pm
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TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

1 CHANGED TRUSS 21 MARCH 07 - EP

2 ADDED NOTE 04 APRIL 07 - EP

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

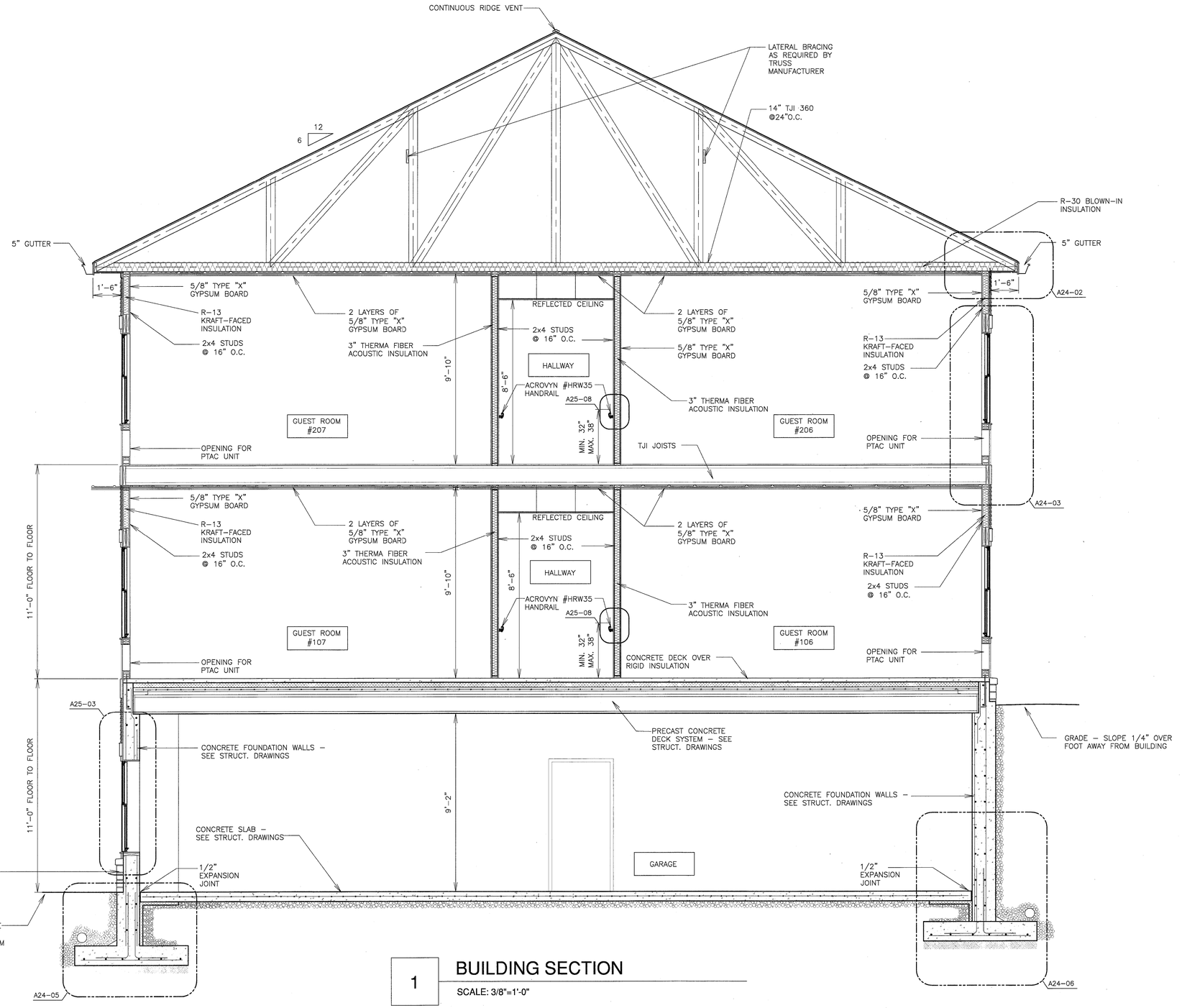
PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP
CHECKED BY	D. BRUCE

SHEET NAME: BUILDING SECTION

SHEET NO.: RA18

CONSTRUCTION

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1 **BUILDING SECTION**

SCALE: 3/8"=1'-0"

Feb 14, 2007 - 3:39pm
J:\CURRENT2006\JILL'S HOUSE\CURRENT\ Sections(new).dwg

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

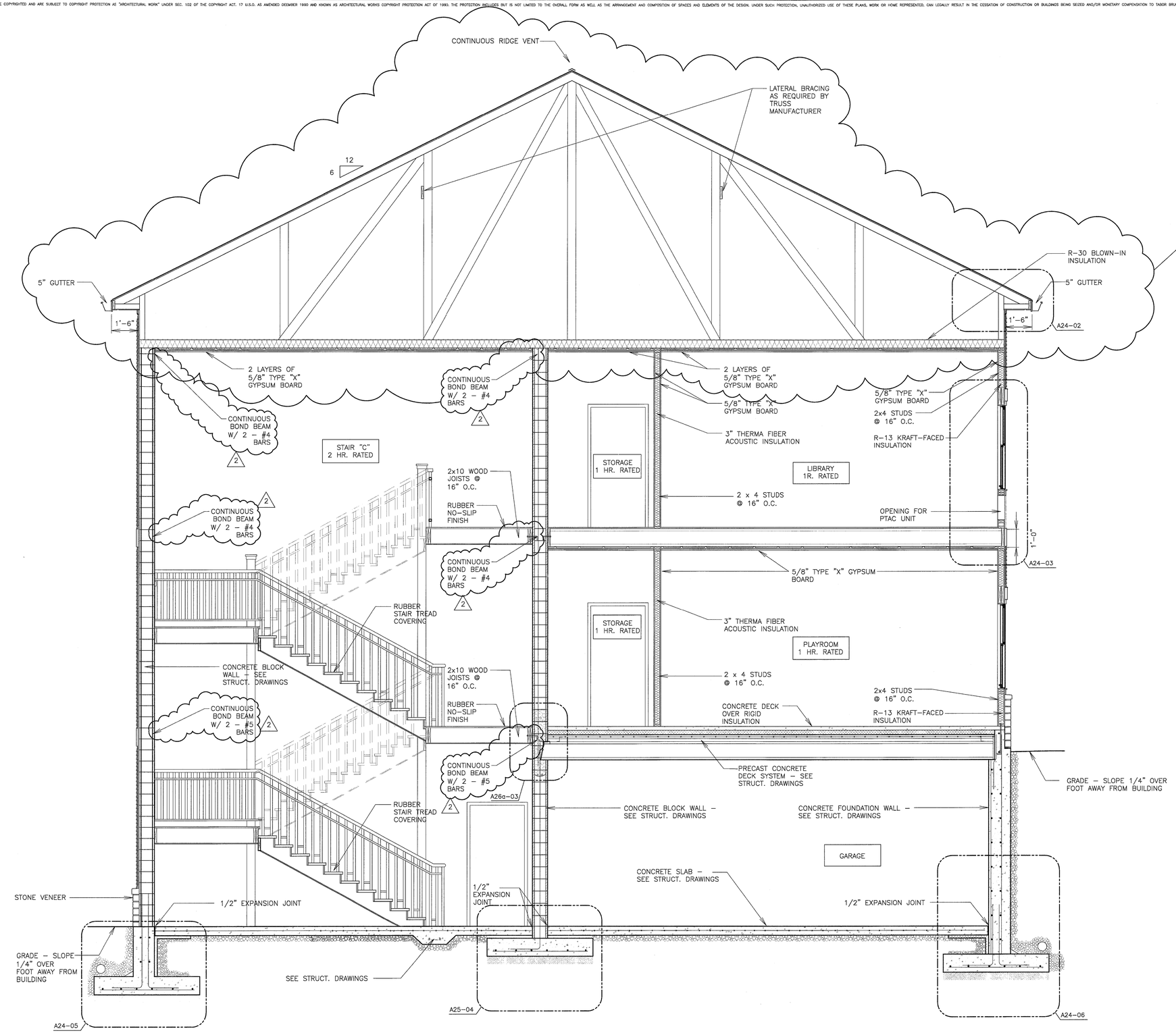
A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE
REGISTERED
NO. AR19900009
STATE OF INDIANA
ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP
CHECKED BY	D. BRUCE
SHEET NAME	BUILDING SECTION
SHEET NO.	A19

CONSTRUCTION

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1 BUILDING SECTION

SCALE:3/8"=1'-0"

Apr 06, 2007 - 2:34pm
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TABOR BRUCE
ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN 47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

1 CHANGED TRUSS 21 MARCH 07 - EP

2 ADDED BOND BEAM 21 MARCH 07 - EP

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

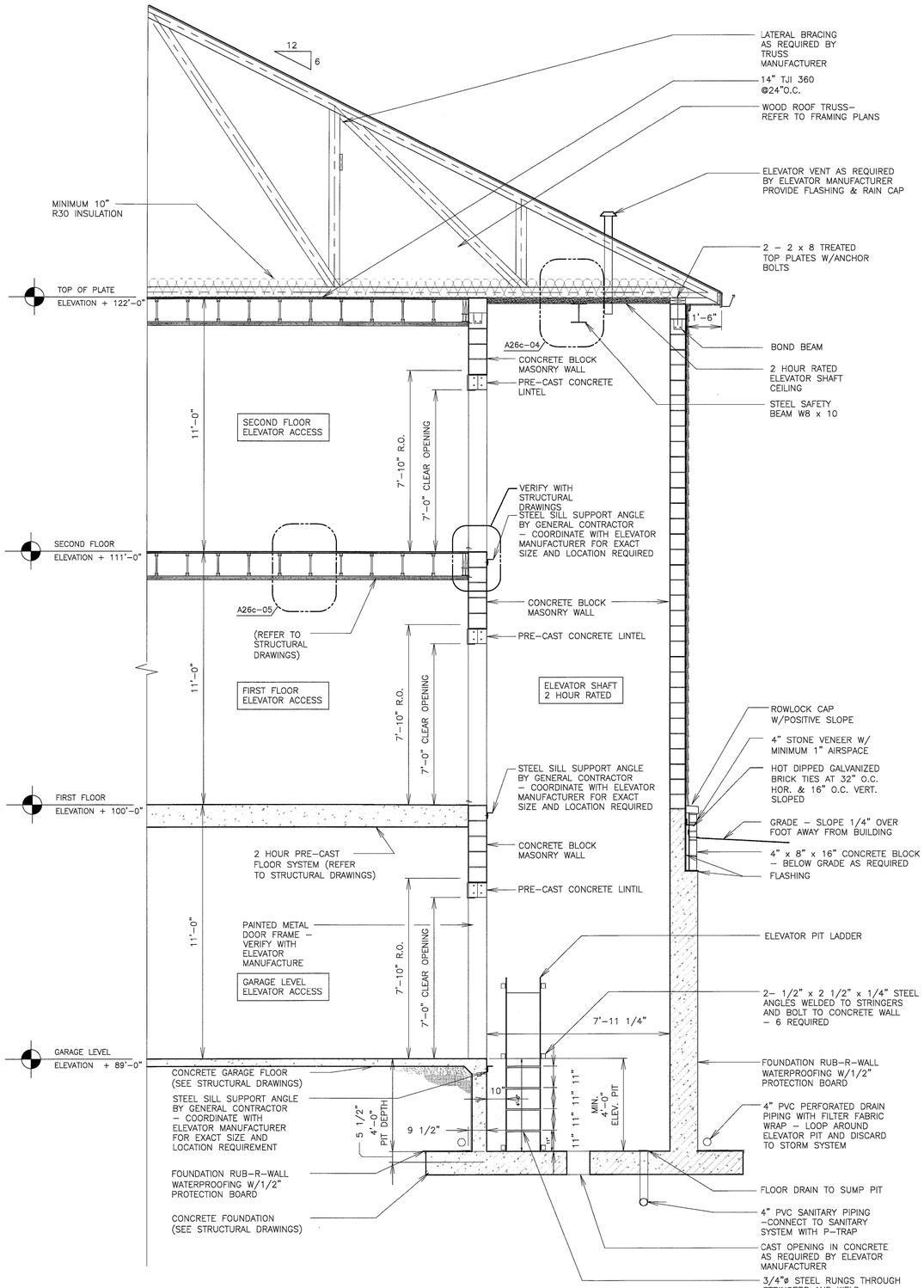
HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT
H Doug Bruce

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP
CHECKED BY	D. BRUCE

SHEET NAME
BUILDING SECTION

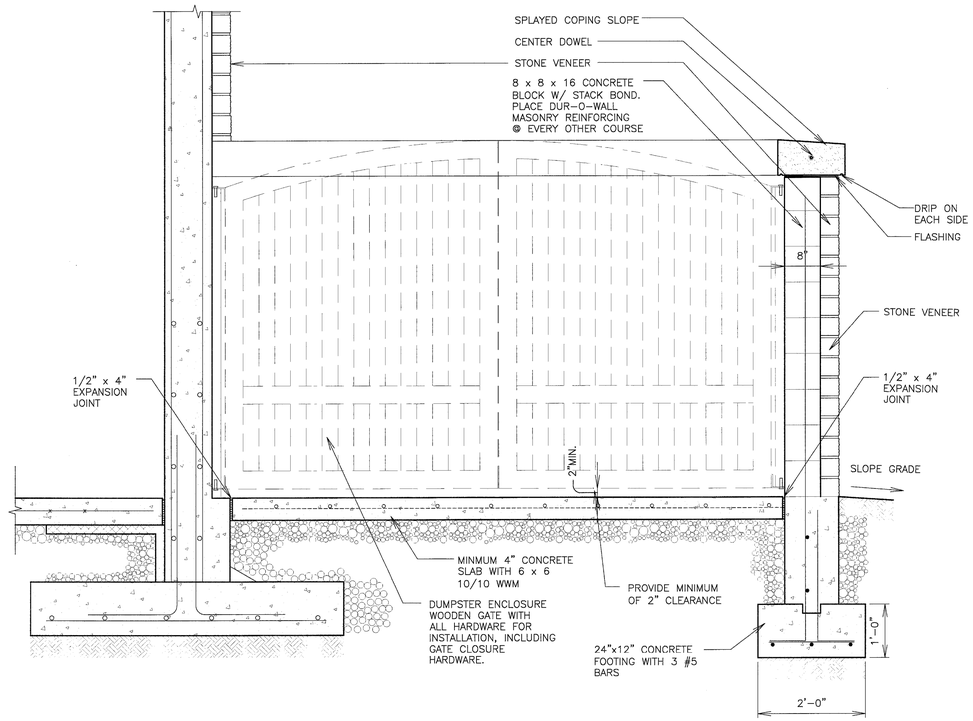
SHEET NO.
RA20a
CONSTRUCTION

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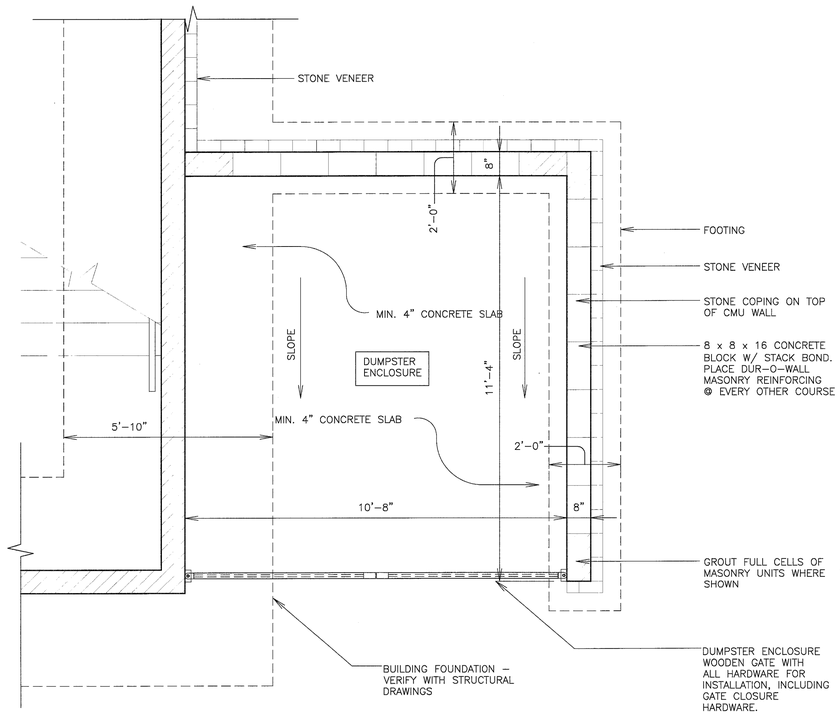
1 **ELEVATOR SECTION**

SCALE: 1/4"=1'-0"



2 **DUMPSTER SECTION**

SCALE: 3/4"=1'-0"



3 **DUMPSTER PLAN**

SCALE: 1/2"=1'-0"

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN.47404
TELEPHONE: (812) 332–6258 FACSIMILE: (812) 332–8658

REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

H. Doug Bruce

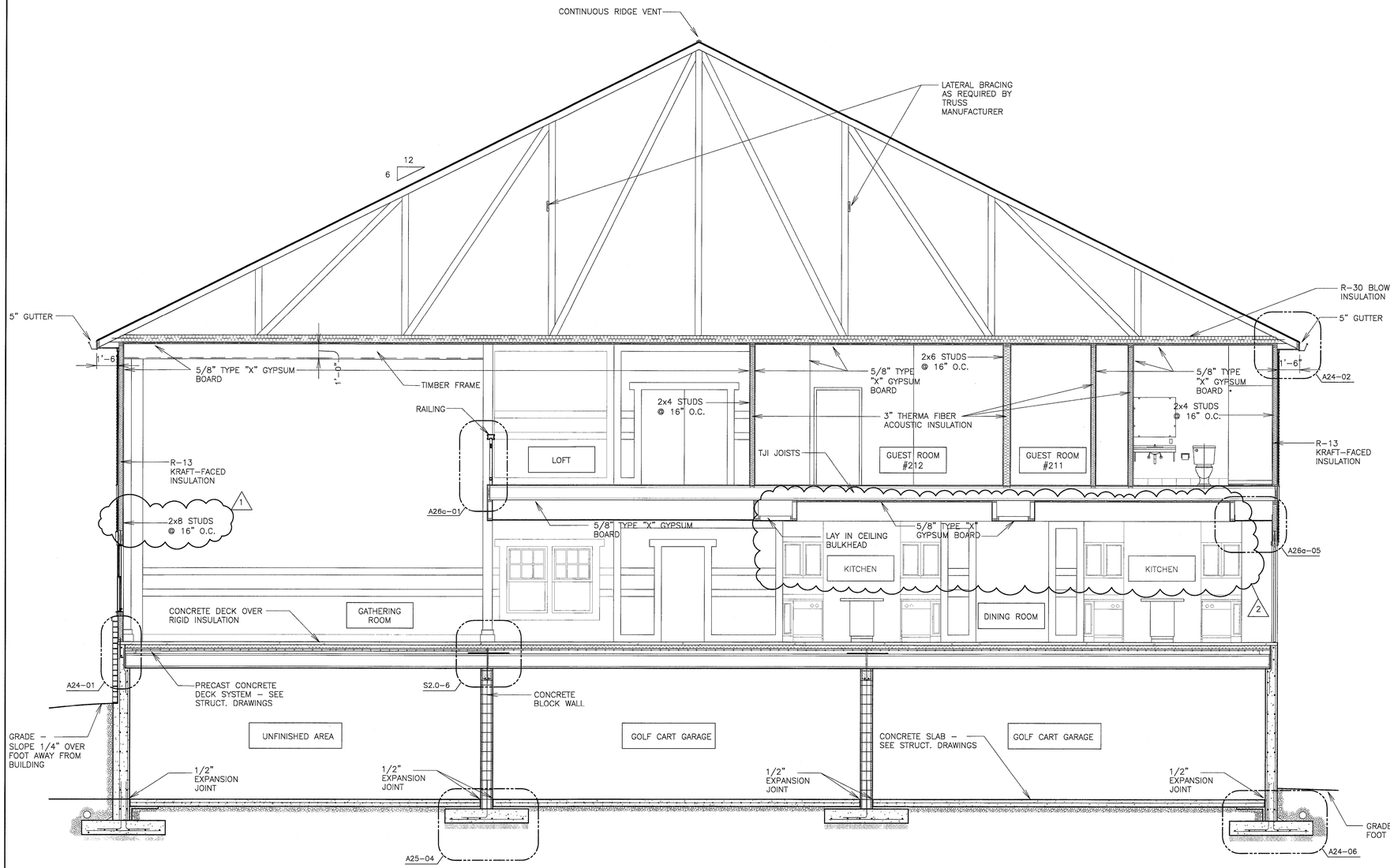
PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP
CHECKED BY	D. BRUCE

SHEET NAME
BUILDING SECTION

SHEET NO.
A20b
CONSTRUCTION

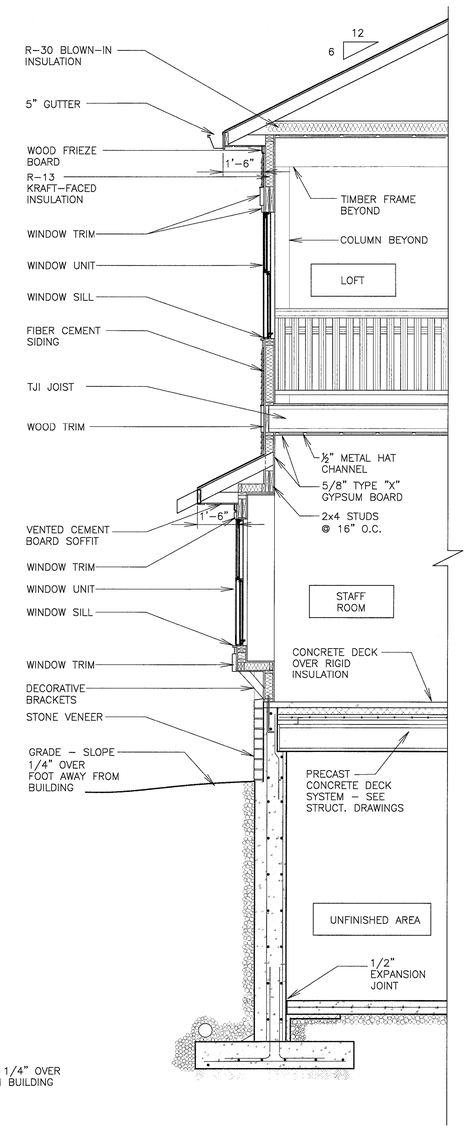
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1 BUILDING SECTION

SCALE: 1/4"=1'-0"



2 CANTILEVER SECTION

SCALE: 3/8"=1'-0"

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN 47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

1 ADDED 2X8 STUD WALL - 3/20/07

2 CHANGED BULKHEAD 04 APRIL 07

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP
CHECKED BY	D. BRUCE

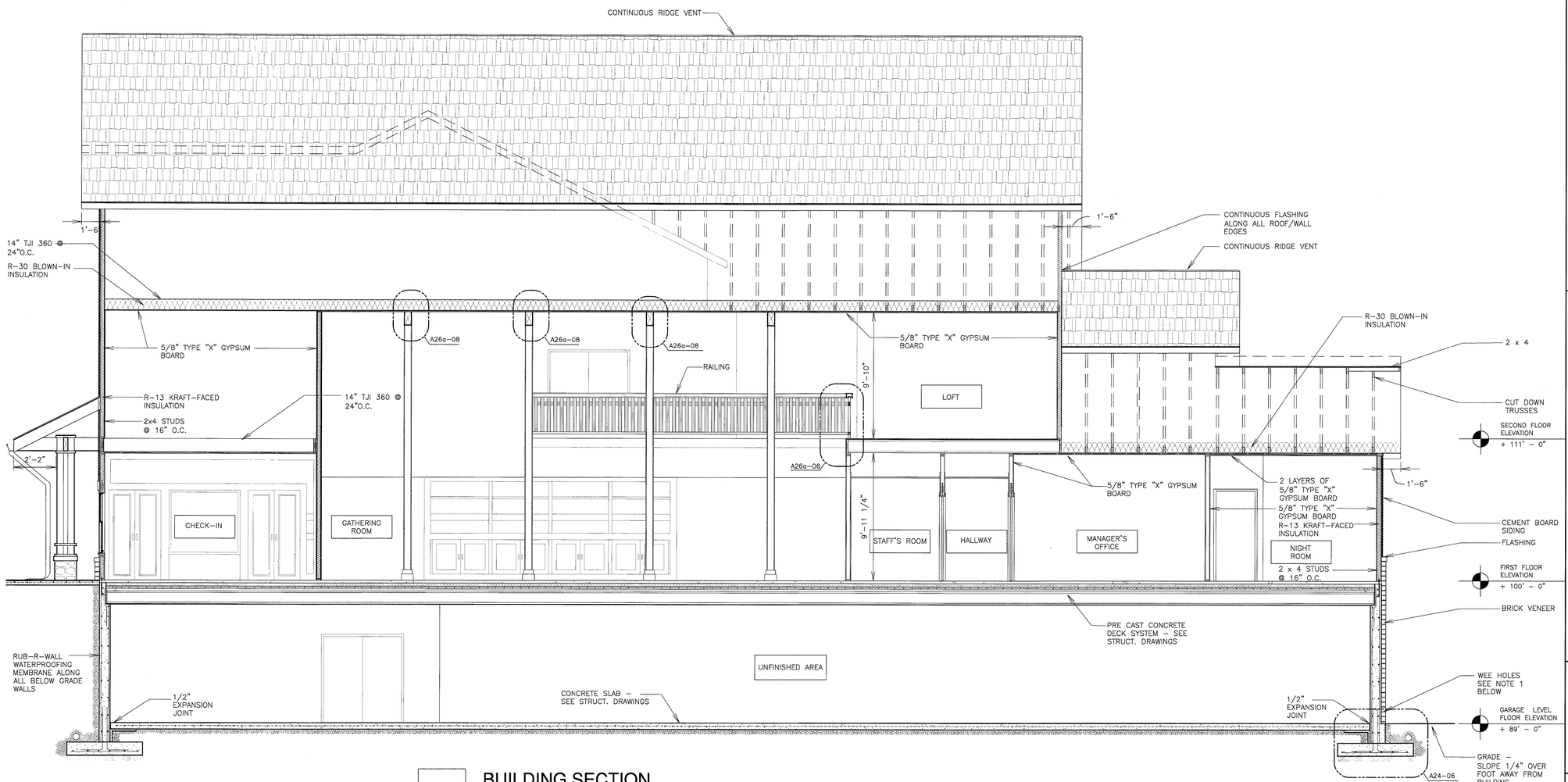
SHEET NAME: BUILDING SECTION

SHEET NO. RA21

CONSTRUCTION

Apr 06, 2007 - 2:35pm
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1 **BUILDING SECTION**

SCALE: 1/4"=1'-0"

NOTE 1:

EXTERIOR SIDING MATERIALS ARE NOT A WATER BARRIER. PROVIDE TYVEK COMMERCIAL WRAP OVER ALL EXTERIOR SHEATHINGS, INSTALL PER MANUFACTURER'S RECOMENDATIONS. PROVIDE CONTINUOUS FLASHING AROUND ALL OPENINGS AND STRUCTURAL PENETRATIONS. WHERE NEEDED, PROVIDE GALVANIZED WALL TIES AS SHOWN AND ROPE TYPE WICK WEEP HOLES HORIZONTALLY @ 16" O.C.

Feb 14, 2007 - 3:45pm
J:\CURRENT2006\JILL'S HOUSE\CURRENT\ Sections(new).dwg

TABOR BRUCE
ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE
No. AR19900009
STATE OF INDIANA
REGISTERED ARCHITECT

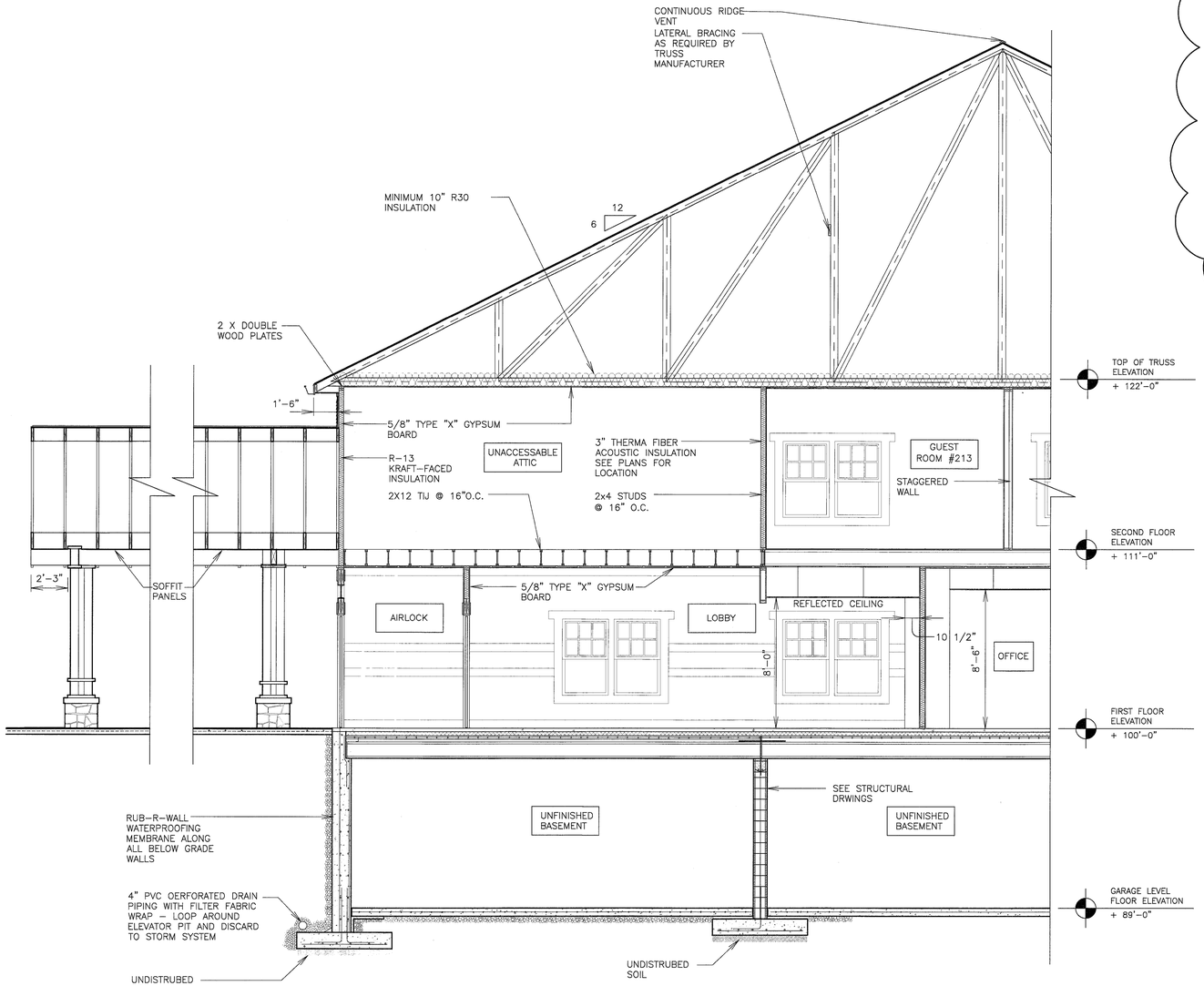
PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP
CHECKED BY	D. BRUCE

SHEET NAME: BUILDING SECTION

SHEET NO.: A22a

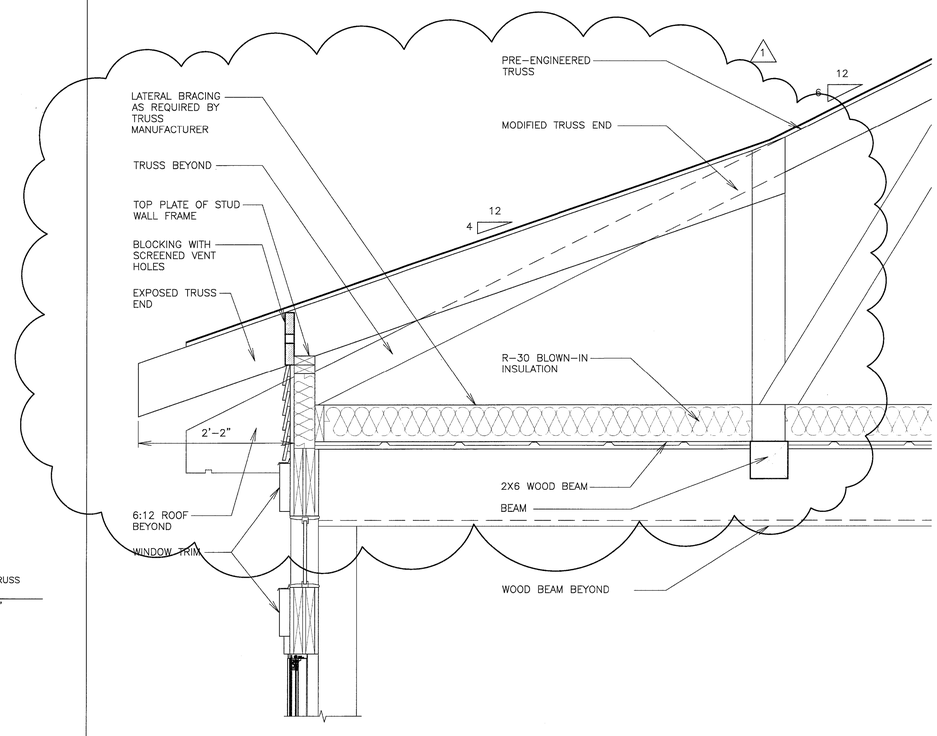
CONSTRUCTION

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1 SECTION THROUGH AIR LOCK

SCALE: 1/4"=1'-0"



2 SECTION THROUGH 4:12 ROOF NEXT TO CHIMNEY

SCALE: 1" = 1'-0"

3 NOT USED

SCALE: 1"=1'-0"

Apr 06, 2007 - 2:37pm
J:\CURRENT2006\JILL'S HOUSE\CURRENT\ Sections(new).dwg

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS
1 CHANGED TRUSS DESIGN - 3/20/07

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

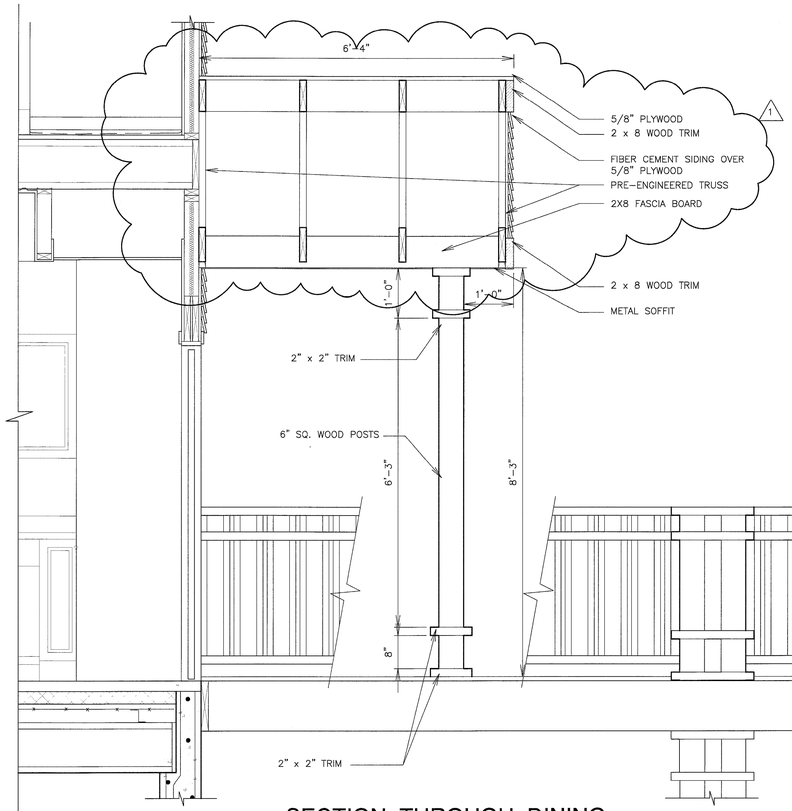
HOWARD DOUGLAS BRUCE
REGISTERED
NO. AR19900009
STATE OF INDIANA
ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP
CHECKED BY	D. BRUCE

SHEET NAME
BUILDING SECTION

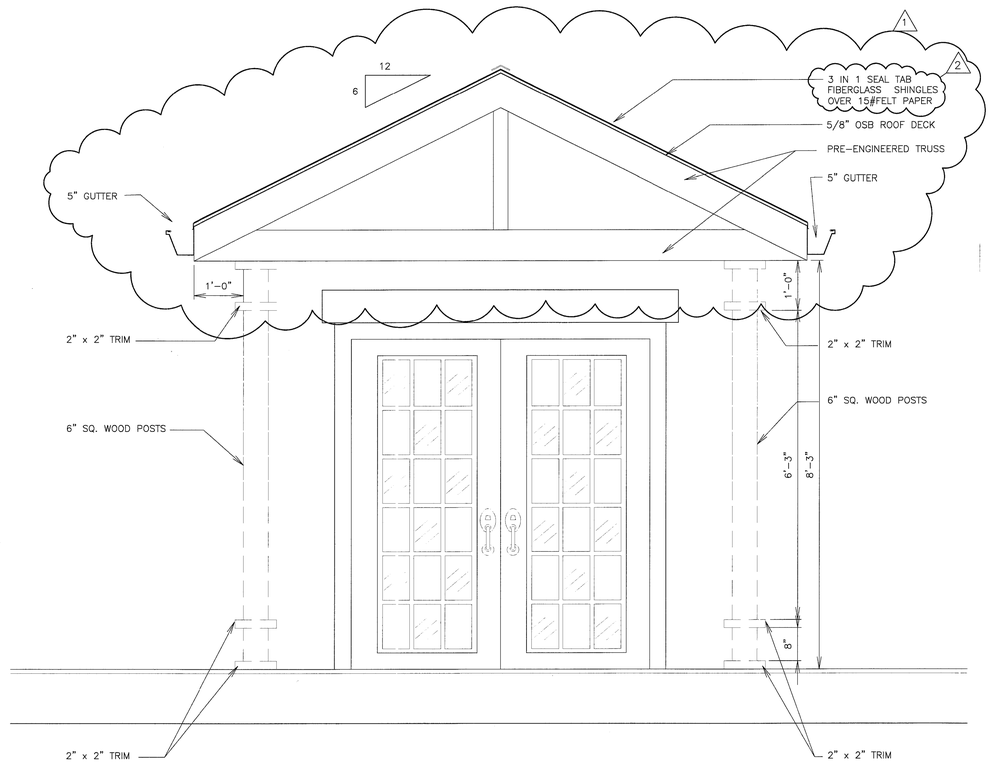
SHEET NO.
RA22b
CONSTRUCTION

THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION AS "ARCHITECTURAL WORK" UNDER SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.O. AS AMENDED DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION, UNAUTHORIZED USE OF THESE PLANS, WORK OR HOME REPRESENTED, CAN LEGALLY RESULT IN THE CESSATION OF CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY COMPENSATION TO TABOR BRUCE ARCHITECTURE & DESIGN INC.



SECTION THROUGH DINING DECK ROOF OVER DOOR

SCALE: 3/4" = 1'-0"



DINING DECK ROOF OVER DOOR ELEVATION

SCALE: 3/4" = 1'-0"

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-6658

REVISIONS

1 CHANGED RAFTER TO TRUSS – 3/20/07

2 ROOF NOTE CHANGE 21 MARCH 07 – EP

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

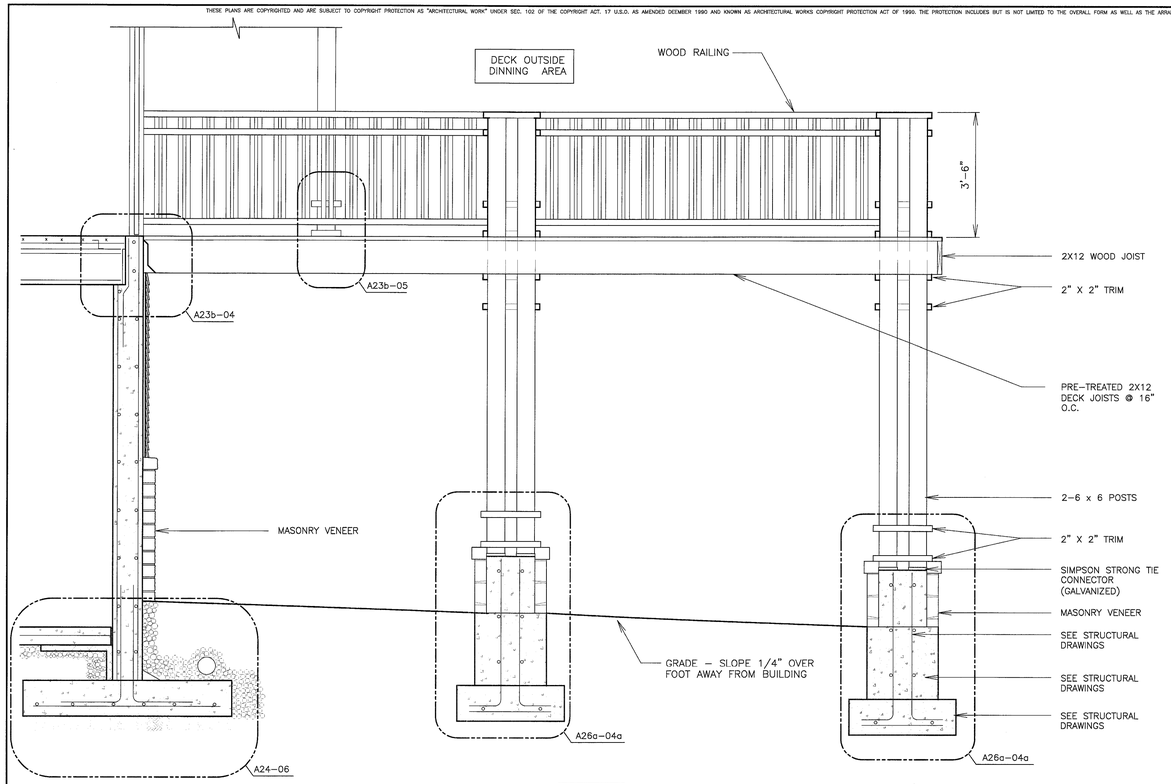
EDWARD DOUGLAS BRUCE
REGISTERED
NO. AR19900009
STATE OF INDIANA
ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP
CHECKED BY	D. BRUCE
SHEET NAME	BUILDING SECTION
SHEET NO.	RA22c

CONSTRUCTION

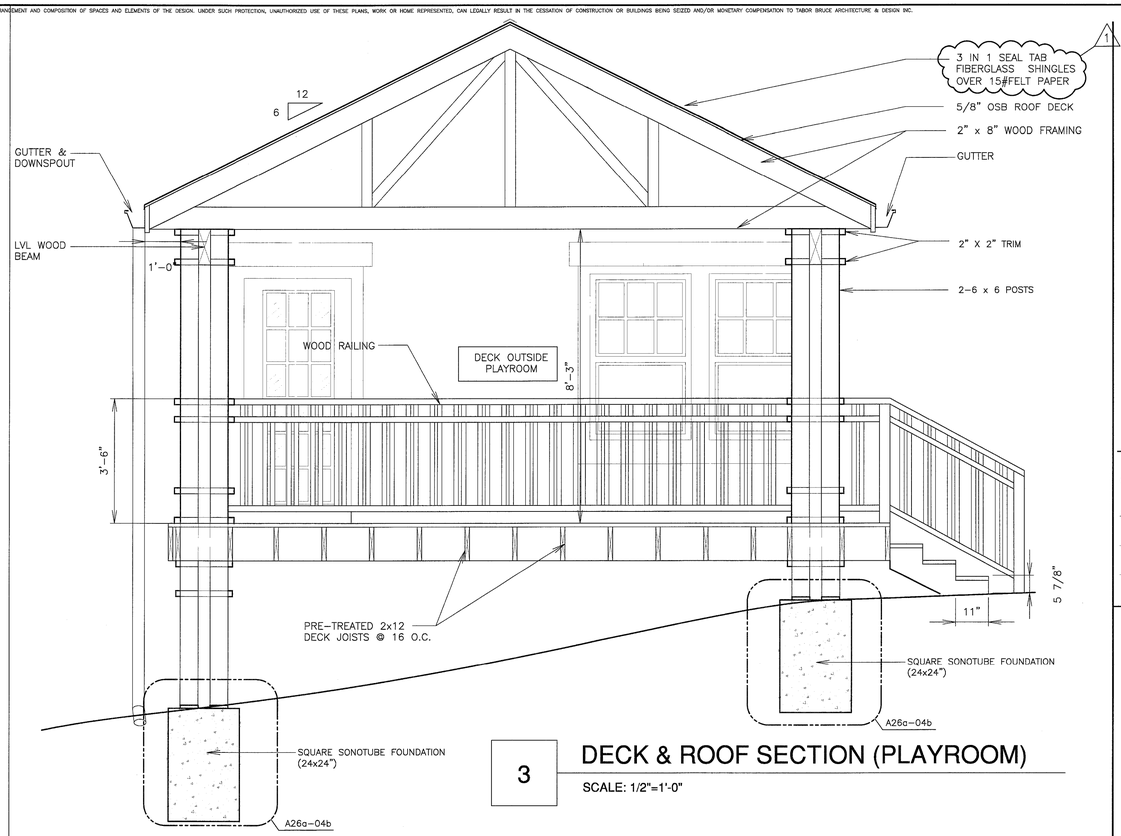
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J:\CURRENT2006\JILL'S HOUSE\CURRENT\ Sections(new).dwg

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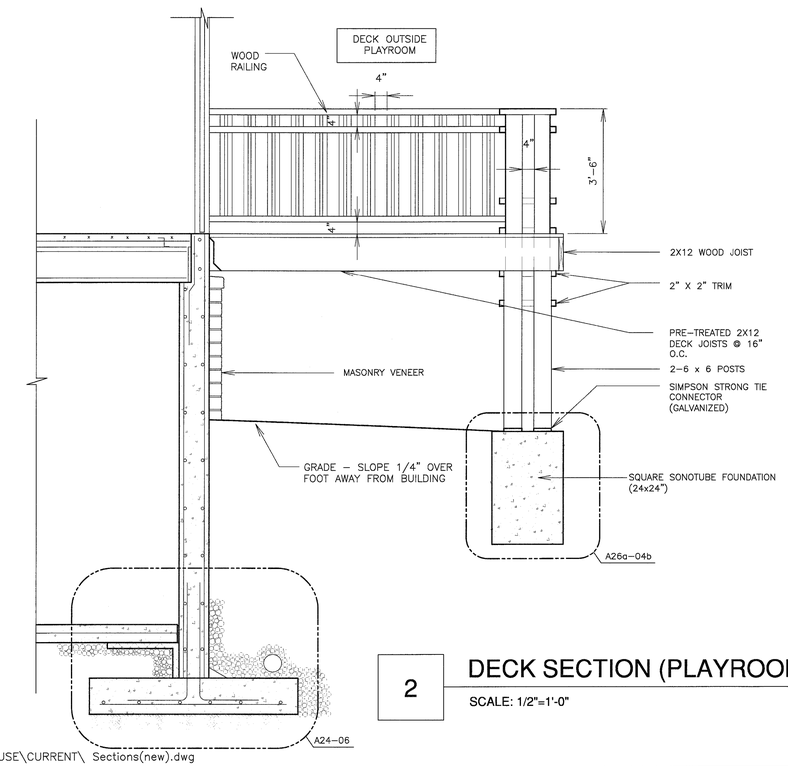
1 DECK SECTION (DINING ROOM)

SCALE: 1/2"=1'-0"



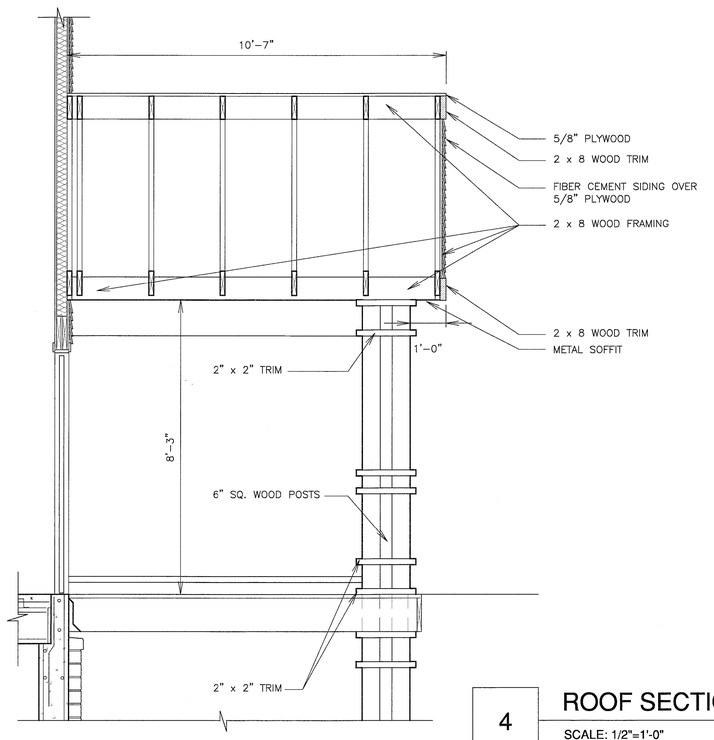
3 DECK & ROOF SECTION (PLAYROOM)

SCALE: 1/2"=1'-0"



2 DECK SECTION (PLAYROOM)

SCALE: 1/2"=1'-0"



4 ROOF SECTION (PLAYROOM)

SCALE: 1/2"=1'-0"

Apr 06, 2007 - 2:38pm
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TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN 47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

1 ROOF NOTE CHANGE 21 MARCH 07 - EP

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

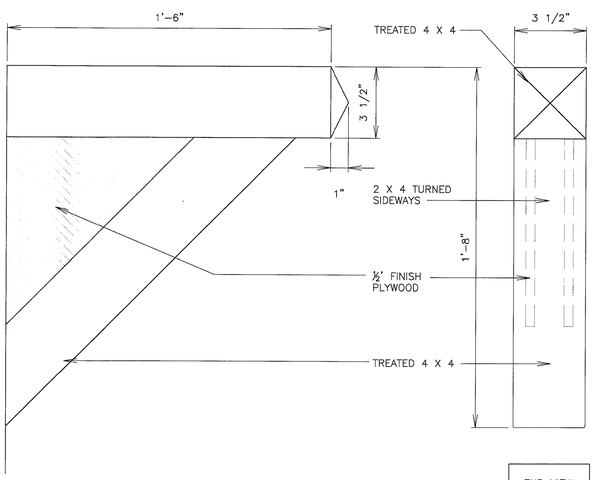
PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	
CHECKED BY	D. BRUCE

SHEET NAME
DECK SECTIONS

SHEET NO.
RA23a

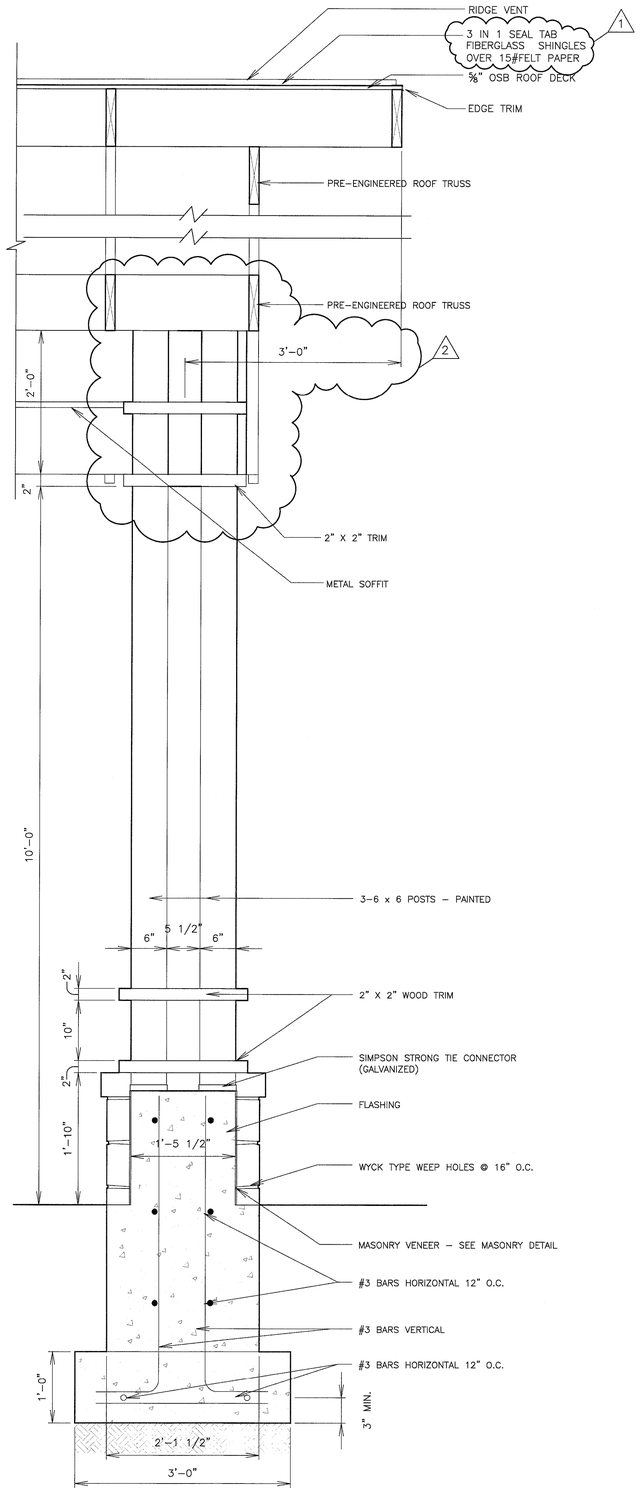
CONSTRUCTION

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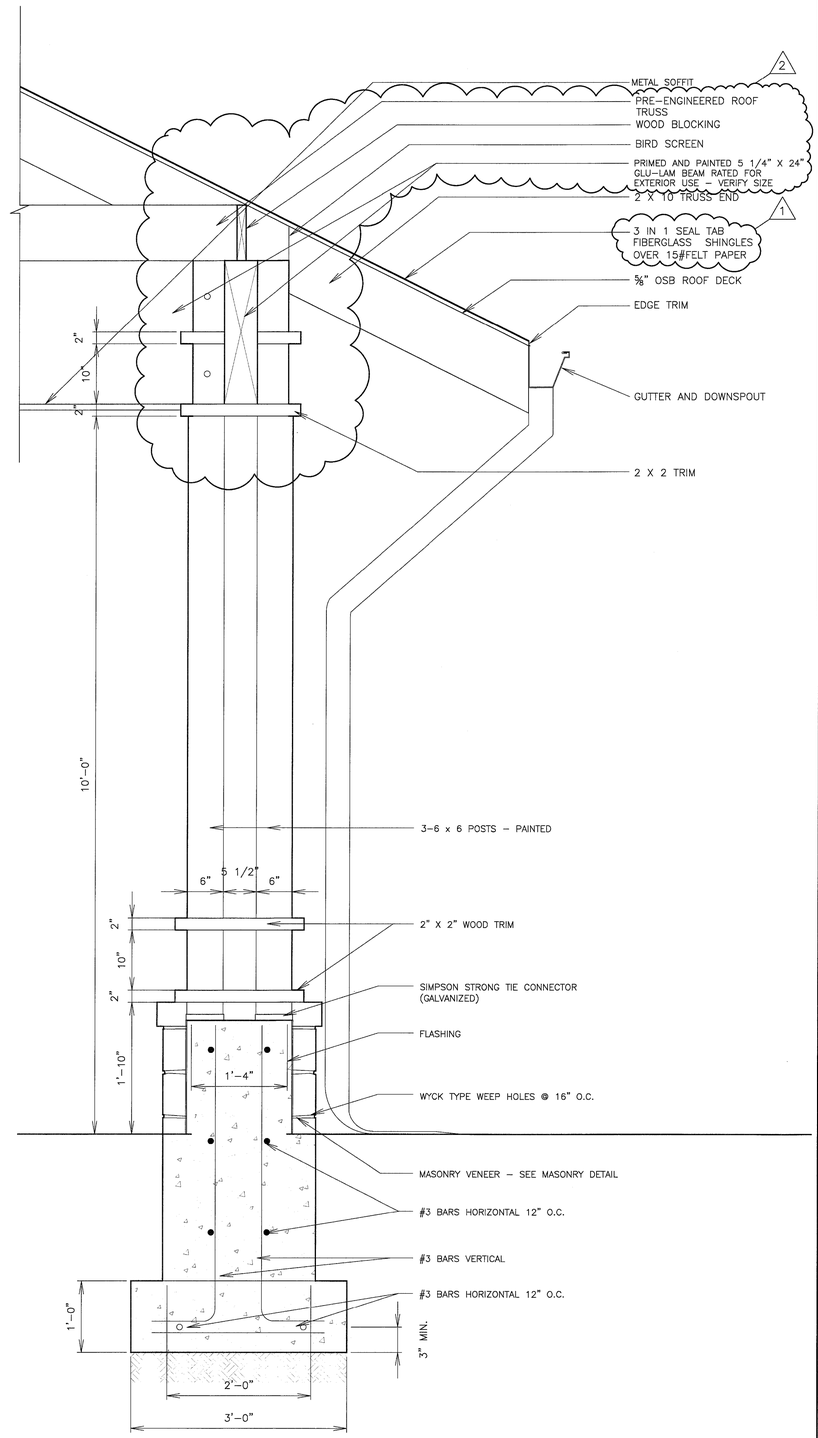
1 BRACKET DETAIL

SCALE: 3"=1'-0"



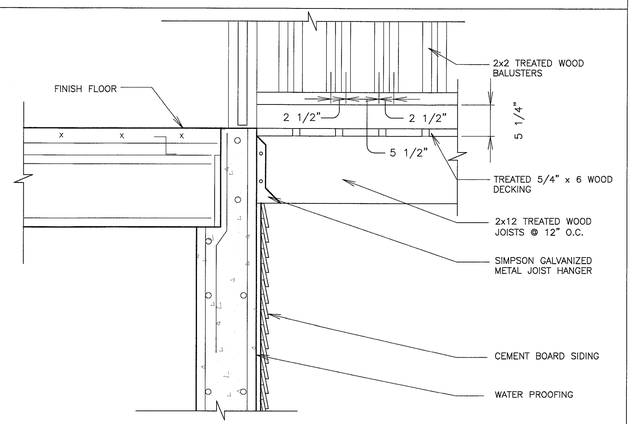
2 PORTE-COCHERE DETAIL NOTE: SEE A25-06 FOR COLUMN PLAN

SCALE: 1"=1'-0"



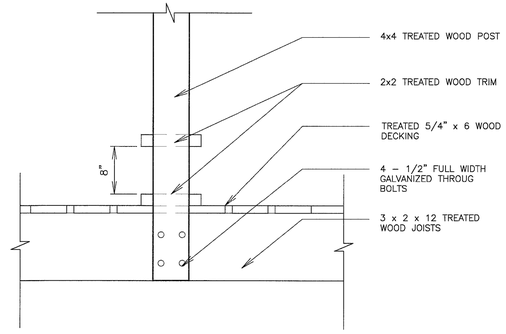
3 PORTE-COCHERE DETAIL NOTE: SEE A25-06 FOR COLUMN PLAN

SCALE: 1"=1'-0"



4 DECK DETAIL

SCALE: 1"=1'-0"



5 DECK COLUMN DETAIL

SCALE: 1"=1'-0"

Apr 06, 2007 - 2:41pm
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TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

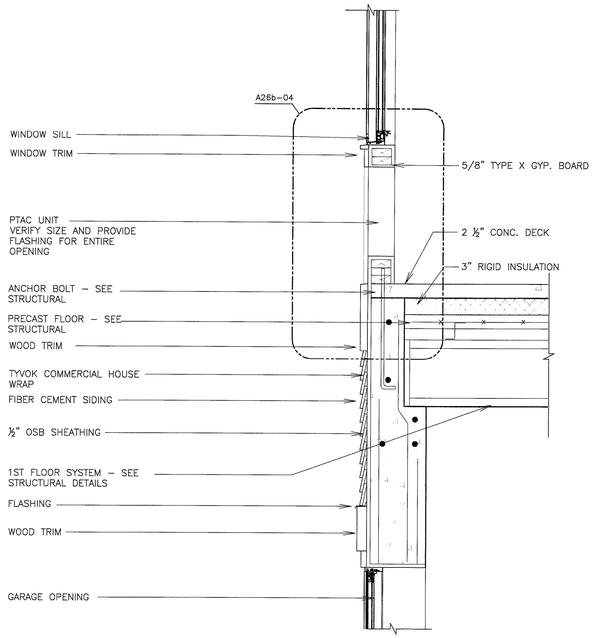
REVISIONS
1 ROOF NOTE CHANGE 21 MARCH 07 - EP
2 COLUMNS & NOTES CHANGE 03 APRIL 07 - EP

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

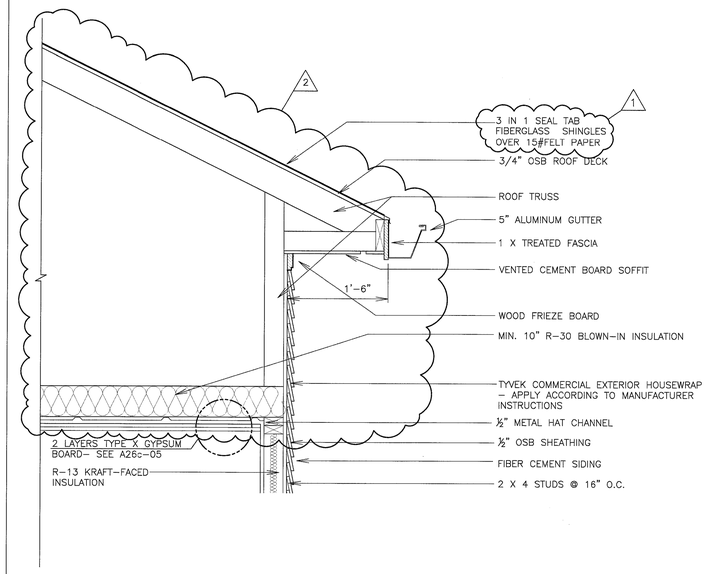
PROJECT NO. 1901
DATE 12 FEB 2007
DRAWN BY
CHECKED BY D. BRUCE
SHEET NAME DETAILS
SHEET NO. RA23b
CONSTRUCTION

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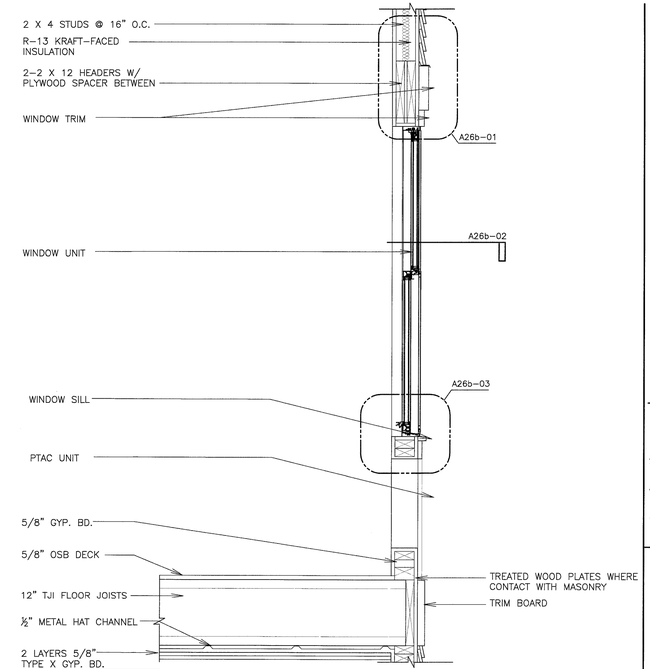
1 WALL DETAIL

SCALE: 1"=1'-0"



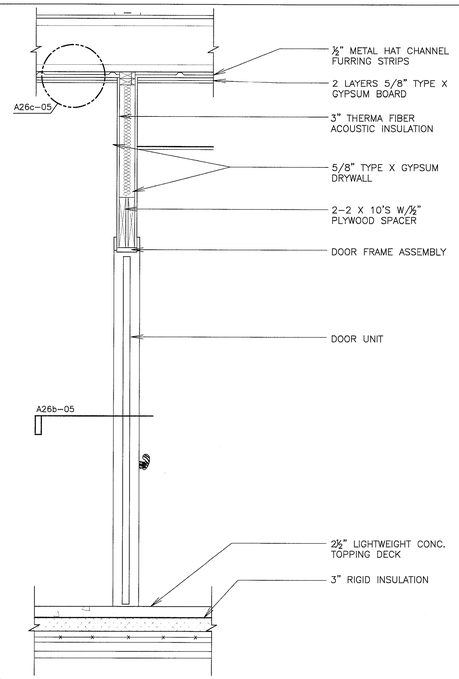
2 SOFFIT DETAIL

SCALE: 1"=1'-0"



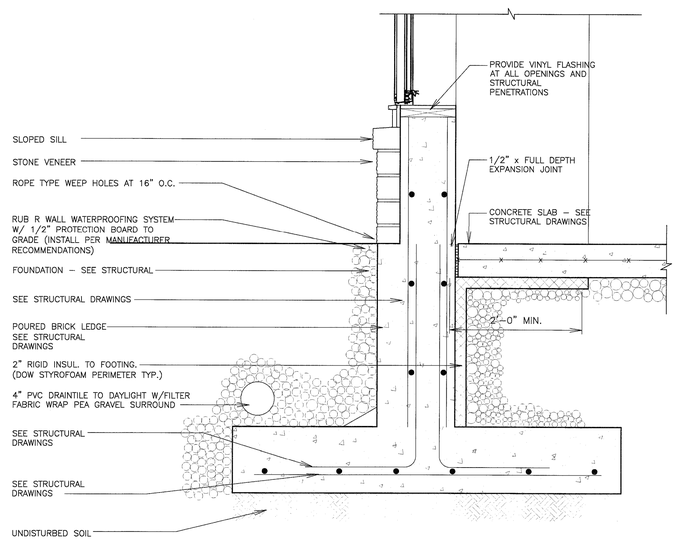
3 WALL / WINDOW DETAIL

SCALE: 1"=1'-0"



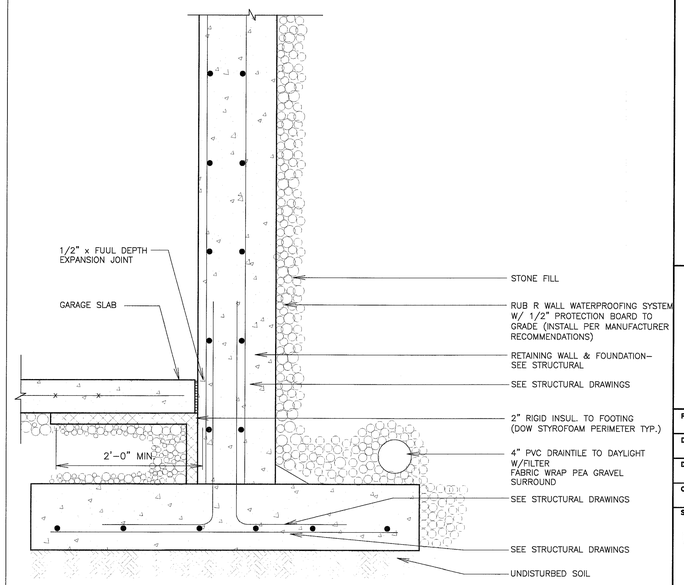
4 DOOR FRAME DETAIL - TYPICAL INTERIOR

SCALE: 1"=1'-0"



5 FOUNDATION DETAIL

SCALE: 1"=1'-0"



6 TYPICAL RETAINING WALL & FOUNDATION DETAIL

SCALE: 1"=1'-0"

TABOR BRUCE
ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

1 ROOF NOTE CHANGE 21 MARCH 07 – EP

2 CHANGED TRUSS 21 MARCH 07 – EP

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

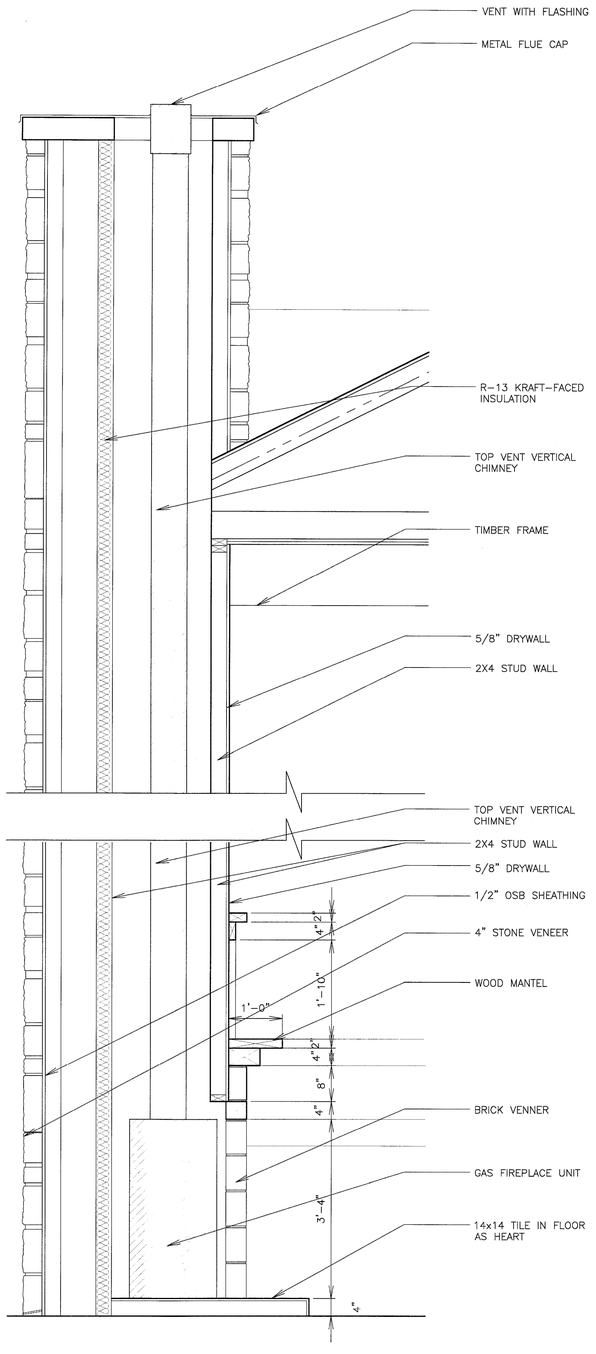
HOWARD DOUGLAS BRUCE
REGISTERED
NO. AR11900009
STATE OF INDIANA
ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP
CHECKED BY	D. BRUCE
SHEET NAME	DETAILS
SHEET NO.	RA24

CONSTRUCTION

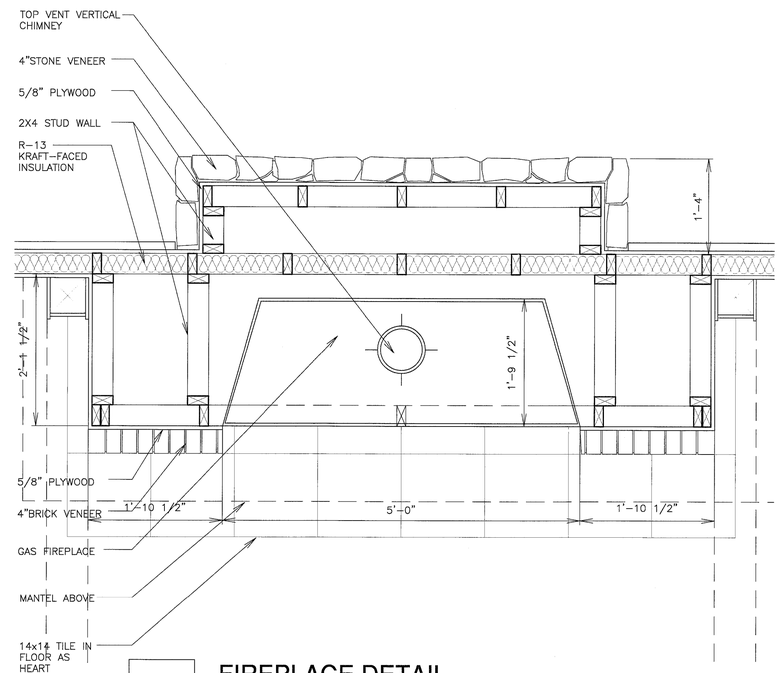
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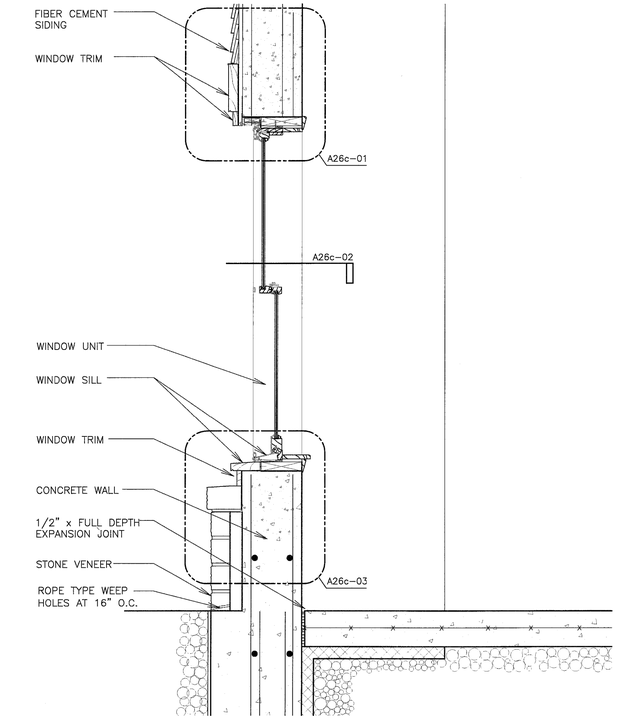
1 FIREPLACE SIDE SECTION

SCALE: 3/4"=1'-0"



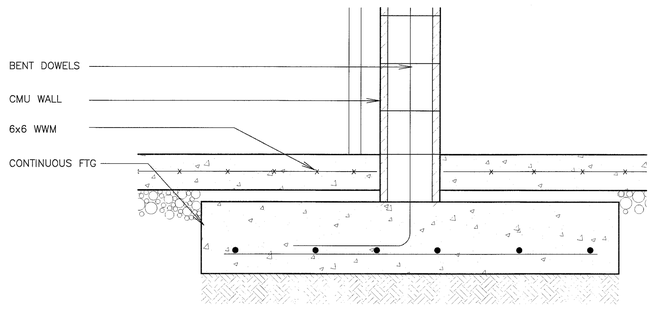
2 FIREPLACE DETAIL

SCALE: 1"=1'-0"



3 WALL / WINDOW DETAIL

SCALE: 1"=1'-0"

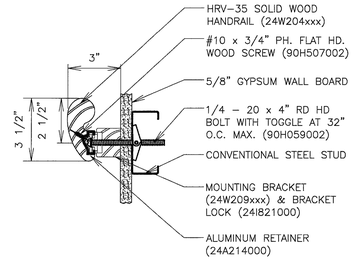


4 FOUNDATION DETAIL

SCALE: 1"=1'-0"

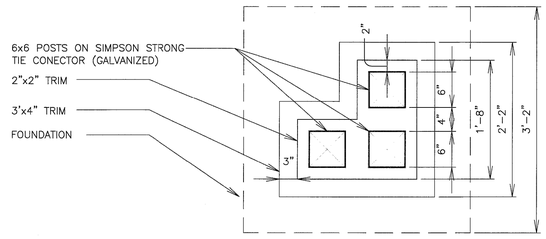
WALL CONDITION	SPECIFIED FASTENER	DRILL DIAMETERS		PART NUMBER
		WALL	RETAINER	
WOOD STUD/GYPSUM WALL	#14 X 4" PH. RD. AP SCREW	7/32"	9/32"	90H225002

NOTE:
WOOD TO BE SUPPLIED IN VARIOUS LENGTHS THAT RANGE FROM 7' TO 12' DUE TO THE COLOR MATCH, END CAPS ARE TO BE FIELD CUT FROM THE SAME FEATURE RAIL SECTION.
HRW-35 CORNER BLOCK 24W622XXX



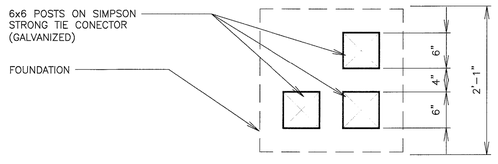
8 HALLWAY HANDRAIL DETAIL (HRW-35)

SCALE: 3"=1'-0"



6 COLUMN DETAIL NOTE: SEE A23b-02/03 & A26-04a FOR SECTION

SCALE: 1"=1'-0"



7 COLUMN DETAIL NOTE: SEE A26-04b FOR SECTION

SCALE: 1"=1'-0"

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

H Doug Bruce

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP
CHECKED BY	D. BRUCE

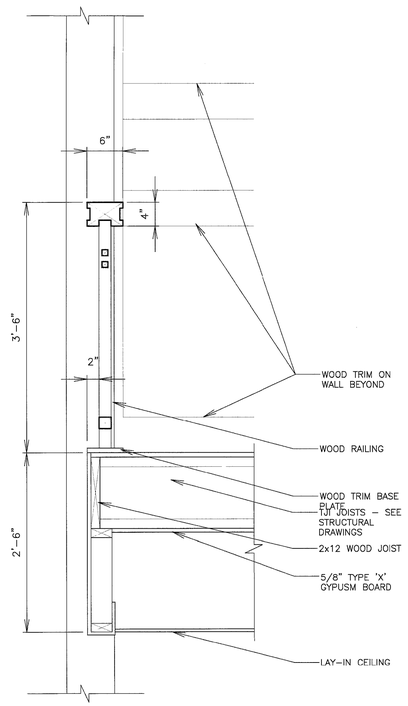
SHEET NAME
SECTIONS & DETAILS

SHEET NO.
A25

CONSTRUCTION

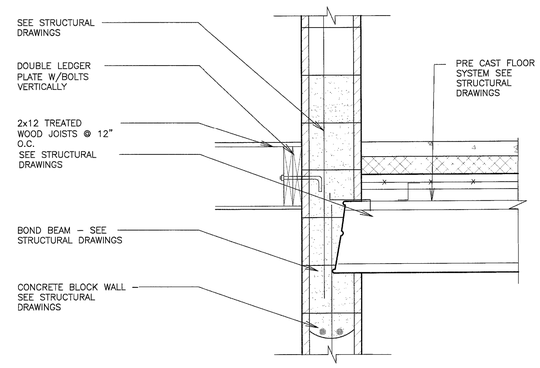
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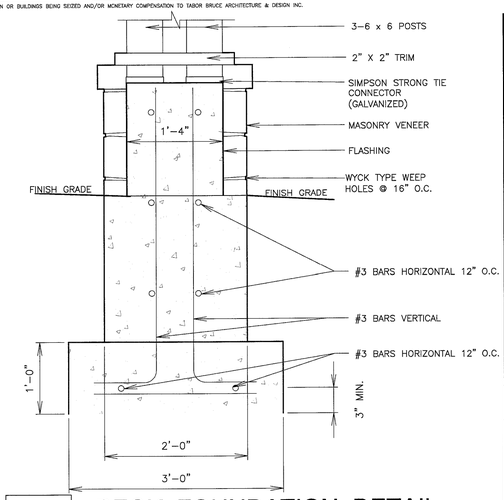


1 RAILING DETAIL - SECTION
SCALE: 1"=1'-0"

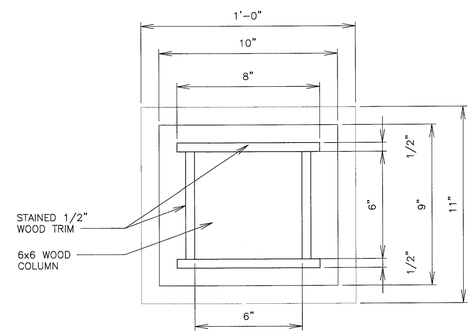
2 NOT USED
SCALE: 1"=1'-0"



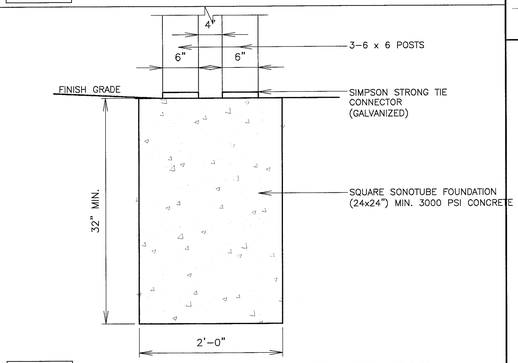
3 CONCRETE BLOCK WALL DETAIL
SCALE: 1"=1'-0"



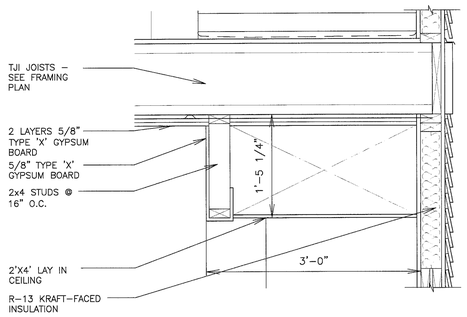
4a DECK FOUNDATION DETAIL
SCALE: 1"=1'-0"
NOTE: SEE A25-06 FOR COLUMN PLAN



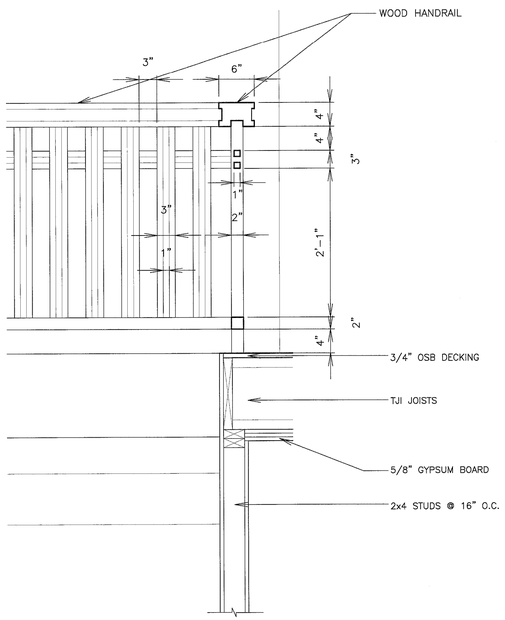
7 COLUMN DETAIL (GATHERING ROOM)
SCALE: 3"=1'-0"



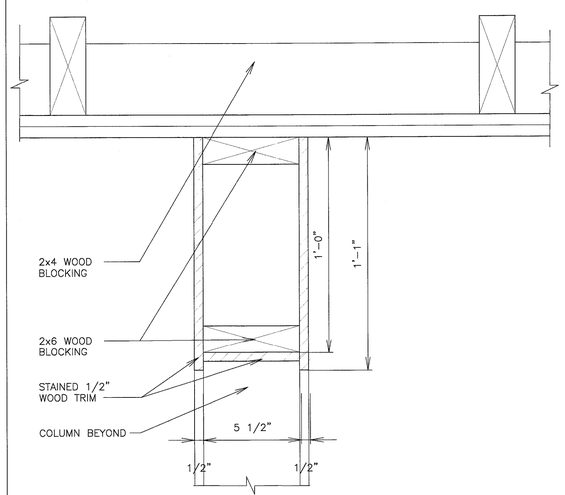
4b DECK FOUNDATION DETAIL
SCALE: 1"=1'-0"
NOTE: SEE A25-07 FOR COLUMN PLAN



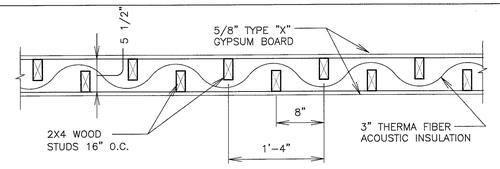
5 BULKHEAD DETAIL
SCALE: 1"=1'-0"



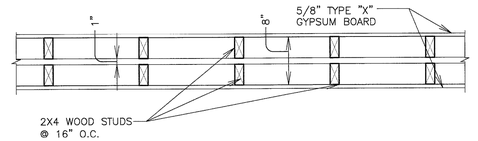
6 LOFT RAILING ELEVATION DETAIL
SCALE: 1"=1'-0"



8 TYPICAL BUILD UP WOOD CLG BEAM
SCALE: 3"=1'-0"



9 STAGGERED STUD WALL
SCALE: 1"=1'-0"



10 DOUBLE STUD WALL
SCALE: 1"=1'-0"

Feb 14, 2007 - 3:51pm
J:\CURRENT2006\JILL'S HOUSE\CURRENT\ Details.dwg

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN 47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

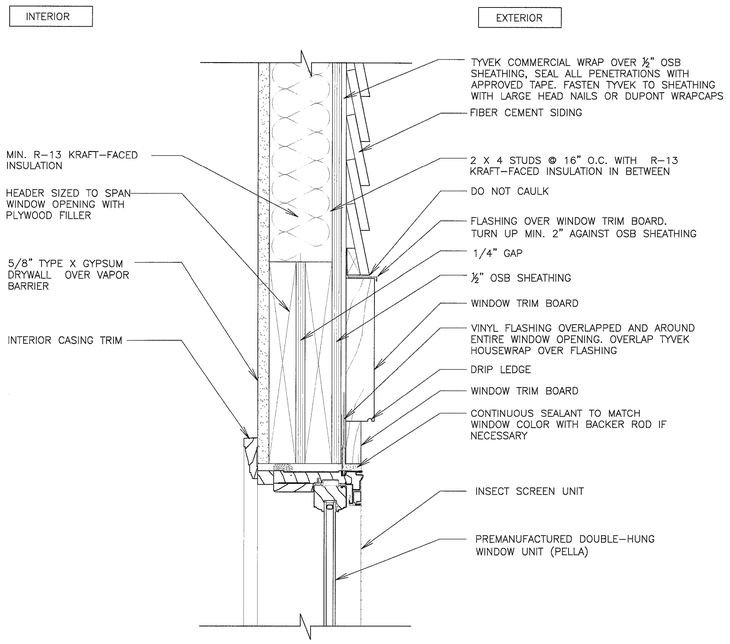
A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP
CHECKED BY	D. BRUCE
SHEET NAME	DETAILS
SHEET NO.	A26a

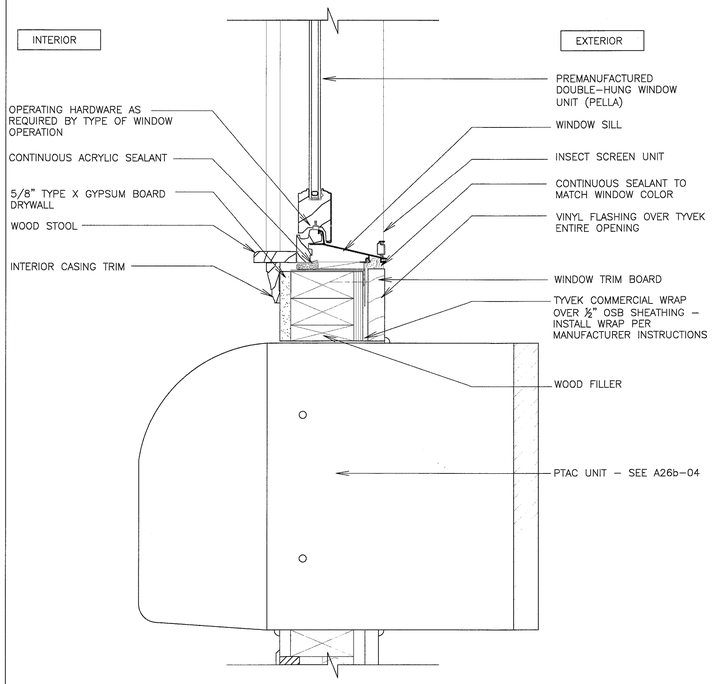
CONSTRUCTION

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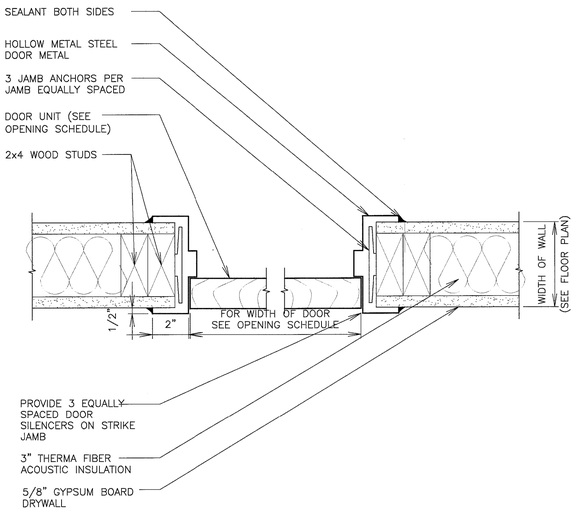
1 **WINDOW HEAD DETAIL**

SCALE3"=1'-0"



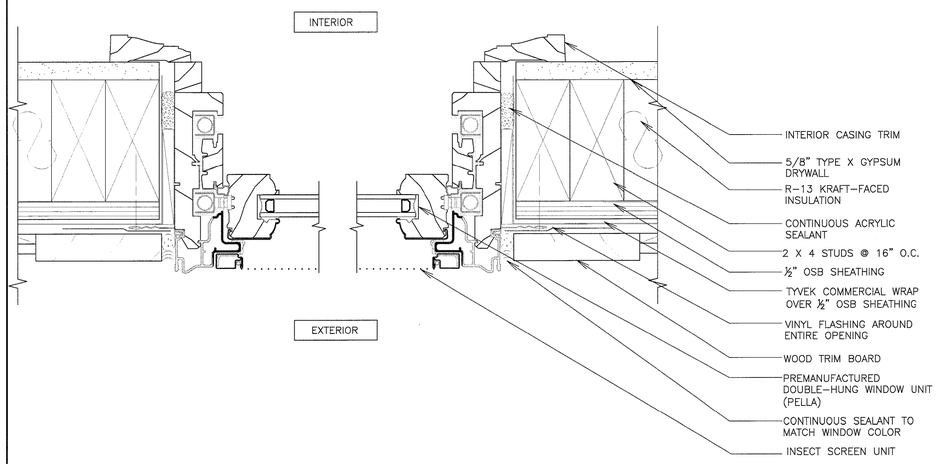
3 **TYPICAL WINDOW WOOD FRAME SILL DETAIL**

SCALE: 3"=1'-0"



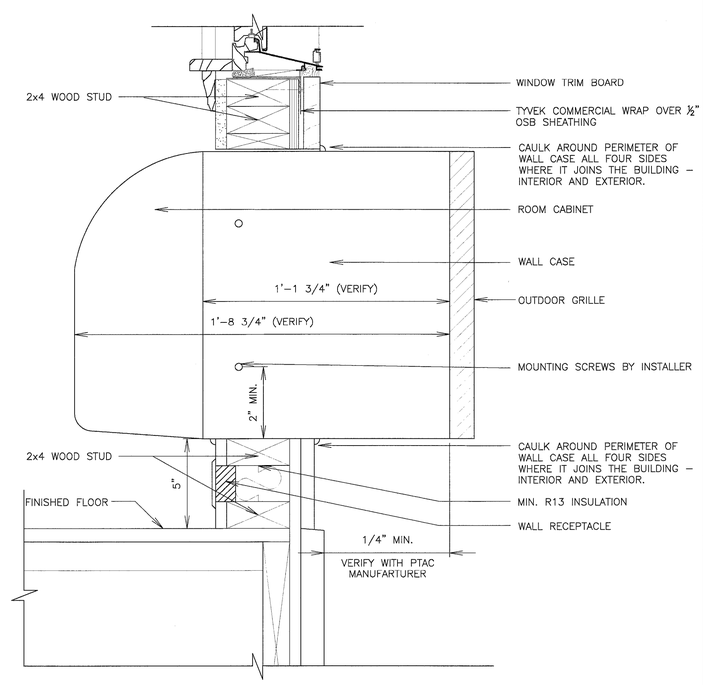
5 **INTERIOR DOOR JAMB DETAIL**

SCALE: 3"=1'-0"



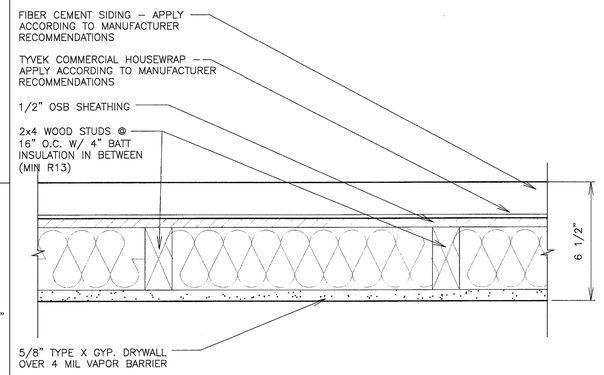
2 **WINDOW JAMB DETAIL**

SCALE: 6"=1'-0"



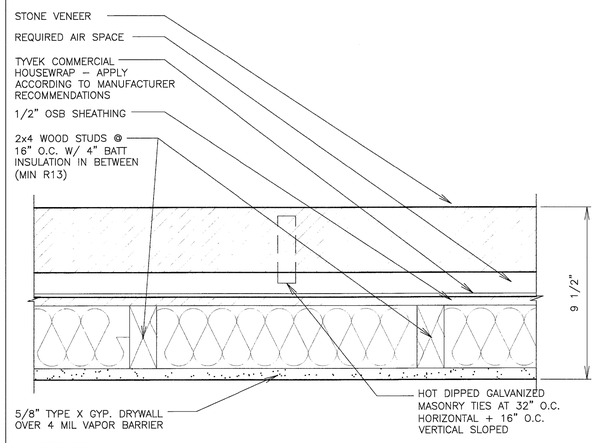
4 **PTAC OPENING DETAIL**

SCALE: 3"=1'-0"



6 **TYPICAL EXT. SIDING DETAIL**

SCALE: 3"=1'-0"



7 **TYPICAL STONE VENEER WALL DETAIL**

SCALE: 3"=1'-0"

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE
REGISTERED
NO. AR19900009
STATE OF INDIANA
ARCHITECT

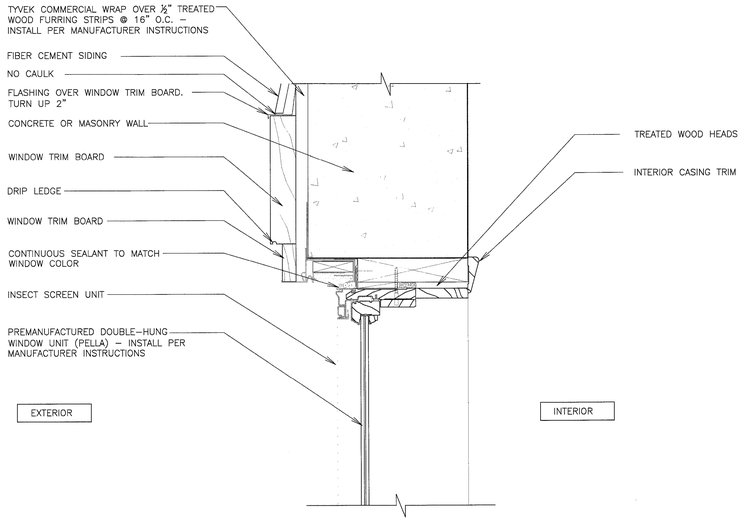
PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP
CHECKED BY	D. BRUCE

SHEET NAME
OPENING DETAILS

SHEET NO.
A26b
CONSTRUCTION

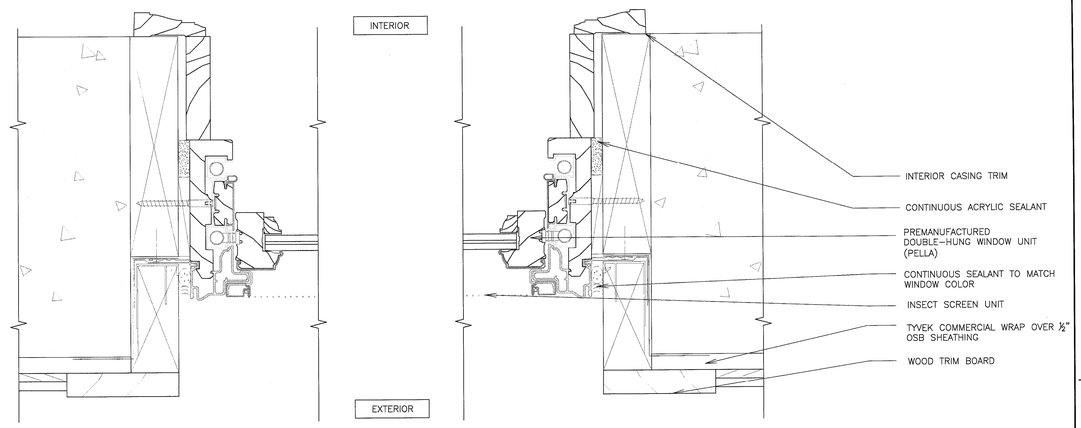
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1 WINDOW HEAD DETAIL (ON CONCRETE WALL)

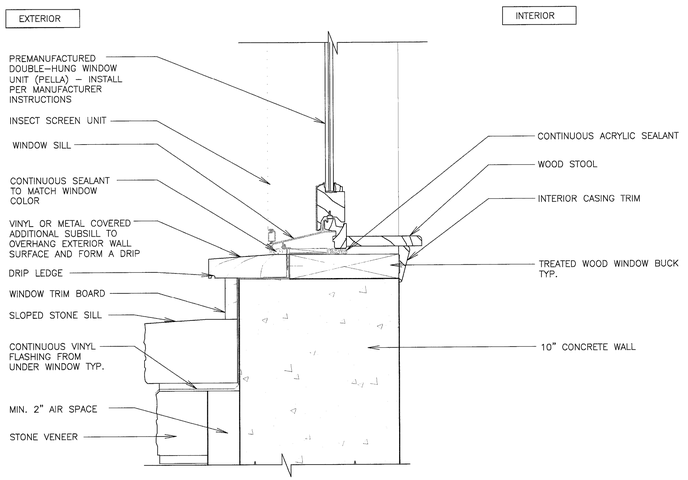
SCALE3"=1'-0"



2 WINDOW JAMB DETAIL (ON CONCRETE WALL)

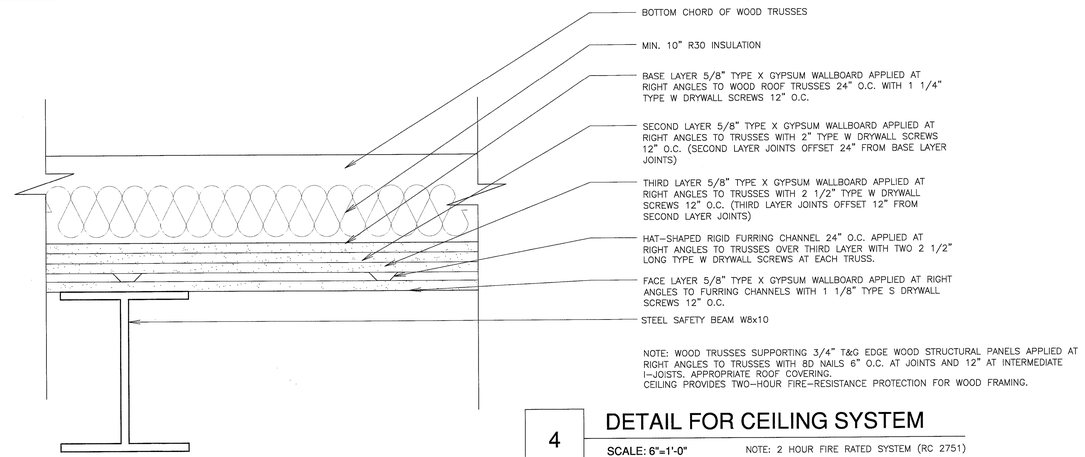
SCALE: 6"=1'-0"

TYPICAL PELLA DETAILS



3 WINDOW SILL DETAIL (ON CONCRETE WALL)

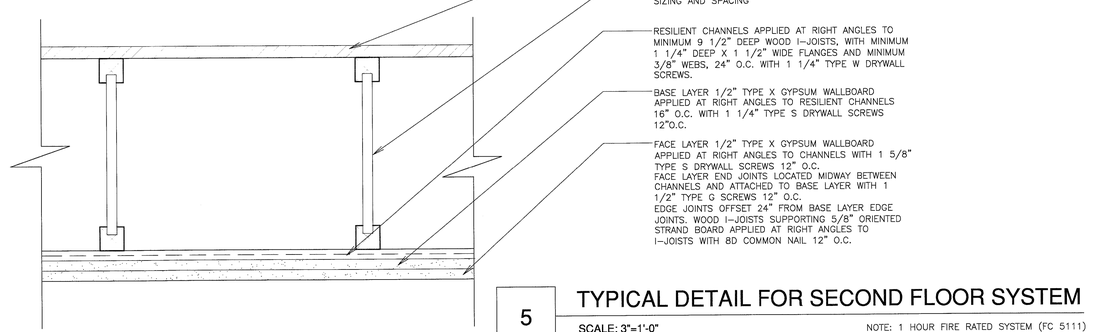
SCALE: 3"=1'-0"



4 DETAIL FOR CEILING SYSTEM

SCALE: 6"=1'-0"

NOTE: 2 HOUR FIRE RATED SYSTEM (RC 2751)



5 TYPICAL DETAIL FOR SECOND FLOOR SYSTEM

SCALE: 3"=1'-0"

NOTE: 1 HOUR FIRE RATED SYSTEM (FC 5111)

TABOR BRUCE ARCHITECTURE & DESIGN
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751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

DONALD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

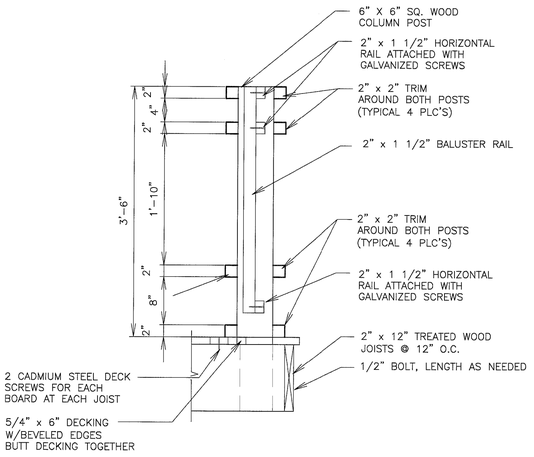
D. Bruce

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	EP
CHECKED BY	D. BRUCE
SHEET NAME	WINDOW DETAILS
SHEET NO.	A26c

CONSTRUCTION

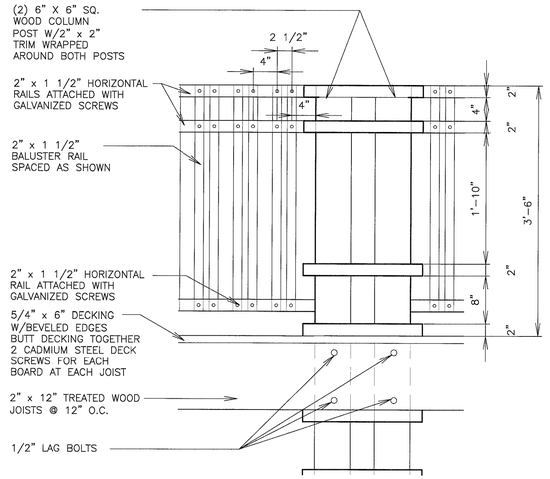
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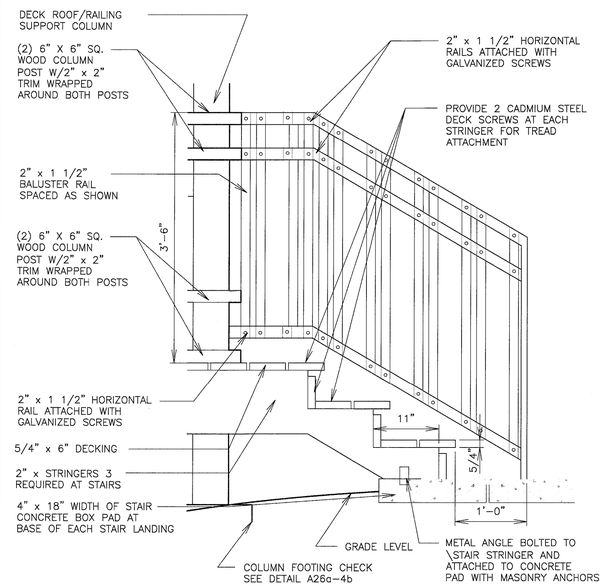
1 DECK BALUSTER DETAIL

SCALE: 1" = 1'-0"



2 DECK RAIL ELEVATION

SCALE: 1" = 1'-0"



3 NORTH DECK STAIR DETAIL

SCALE: 1" = 1'-0"

FLOOR PLAN NOTES:

1. ALL INTERIOR WALLS TO BE 3 1/2" WOOD STUDS @ 16" O.C. WITH 1/2" GYP. DRYWALL ON BOTH SIDES UNLESS OTHERWISE NOTED.
2. CONTACT ARCHITECT FOR REVIEW OF ON-SITE LAYOUT OF WALLS PRIOR TO CONSTRUCTION
3. FIELD VERIFY PLAN DIMENSIONS PRIOR TO ANY CASEWORK FABRICATION
4. REPORT ANY DISCREPANCIES FOUND ON DRAWINGS TO ARCHITECT. – DO NOT SCALE DRAWINGS.
5. DIMENSIONS IN FLOOR PLAN ARE INDICATED FROM FACE OF STUD, FACE OF MASONRY, OR EXISTING CONSTRUCTION. DIMENSIONS IN ELEVATION ARE INDICATED FROM FACE OF FINISHED MATERIAL, UNLESS OTHERWISE NOTED.
6. PROVIDE WOOD BLOCKING FOR ALL WALL CABINETS, ALL WALL ACCESSORIES AND EQUIPMENT, AND ALL OWNER SUPPLIED EQUIPMENT AS SHOWN OR IMPLIED ON DRAWINGS.
7. PROVIDE KRAFT FACE 4" BATT INSULATION AT ALL EXTERIOR WALL LOCATIONS.
8. ALL DIMENSIONAL LUMBER IS TO BE STRUCTURAL GRADE #1 SOUTHERN YELLOW PINE OR APPROVED EQUAL.
9. ROOF AND FLOOR FRAMING JOISTS AND "LVL" WOOD BEAMS ARE TO BE VERIFIED WITH MANFACTURER SPECIFIED. ALL SUBSTITUTIONS ARE TO BE APPROVED BY ARCHITECT.
10. INSTALLATION OF ALL FRAMING MEMBERS IS TO BE WITHIN STRICT COMPIANCE OF ALL LOCAL APPLICABLE BUILDING CODES AND JOIST MANUFACTURER'S SPECIFICATIONS.
11. ALL FRAMING WORK IS TO BE DIRECTLY SUPERVISED BY A QUALIFIED, EXPERIENCED CARPENTER. MINIMUM INDUSTRY STANDARDS FOR PLUM & LEVEL WALLS WILL BE EXPECTED FOR ALL WORK.
12. REFER TO FLOOR PLANS FOR BALANCE OF DIMENSIONS AND INFORMATION.
13. ALL STEEL FASTENERS USED FOR TREATED WOOD DECK CONSTRUCTION ARE TO BE GALVANIZED, UNLESS OTHERWISE NOTED, AND SHALL BE RATED FOR USE WITH NEW TREATED WOOD.
14. PROVIDE 2–2 X 10 WOOD LINTELS WITH 1/2" SPACERS IN BETWEEN ABOVE ALL DOORS AND WINDOWS UNLESS OTHERWISE NOTED.
15. ANY RATED WALLS IF SHOWN, SHALL HAVE RATED OPENINGS WHERE THEY PENETRATE RATED WALL.
16. ALL ANGLED WALLS IF SHOWN, ARE 45 DEGREES UNLESS NOTED.
17. ALL POURED FOOTINGS ARE 24" X 12" WITH 3–#5 BAR AND MIN. 2500 PSI CONCRETE UNLESS NOTED.
18. ALL FLOOR JOISTS AND TRUSSES TO BEAR ON LOAD BEARING WALLS OR BEAMS AND CARRIED THROUGH ALL LEVELS TO TERMINATE AT BASEMENT OR CRAWL SPACE FOOTINGS AND OR THICKENED SLABS.
19. ALL EXPOSED INSULATION IS TO HAVE A FLAME SPREAD RATING NOT TO EXCEED 25. A SMOKE–DEVELOPED INDEX NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE WITH ASTM E 84, AND CRITICAL RADIANT FLUX NOT LESS THAN 0.12 WATTS PER SQUARE CENTIMETER.
20. INSULATE ALL ACCESS DOOR/HATCHES TO CRAWLSPACES AND ATTICS TO THE EQUIVALENT RATING OF THE WALL, FLOOR, OR CEILING THROUGH WHICH THEY PENETRATE.
21. PROVIDE POSITIVE VENTILATION AT EACH END OF EACH RAFTER SPACE AT VAULTED CLG AREAS, AND INSULATION BAFFLES AT EAVE VENTS BETWEEN RAFTERS. RAFTER VENTILATION IS ALSO REQUIRED AT BLOCKING LOCATIONS ABOVE THE PLATE.
22. HIPS, VALLEY'S AND RIDGES SHALL NOT BE LESS IN DEPTH THAN THE END CUT OF THE RAFTER.
23. ALL WINDOWS WITHIN 24" OF ANY DOOR (REGARDLESS OF WALL PLANE), AND WHOSE BOTTOM EDGE IS LESS THAN 60" ABOVE FLOOR OR WALKING SURFACE SHALL HAVE TEMPERED GLAZING.
24. INSTALL ROOFING MATERIALS ACCORDING TO MANUFACTURERS RECOMMENDATIONS FOR THE AREA AND CLIMATE. INCLUDING BUT NOT LIMITED TO SHINGLES, TILES, FELTS, FLASHING, AND FASTENING DEVISES.
25. FLOOR TRUSS SYSTEM SHALL BE DESIGNED AND ENGINEERED BY TRUSS MANUFACTURER AND COMPLETE INSTALLATION DETAILS SHALL BE PROVIDED.
26. COORDINATE ACTUAL FLOOR TRUSS DIMENSIONS WITH THE SELECTED TRUSS MANUFACTURER.
27. PROVIDE BLOCKING BETWEEN FLOOR TRUSSES UNDER WALLS THAT ARE PERPENDICULAR TO FLOOR TRUSSES.

GENERAL NOTES:

– DO NOT SCALE DRAWINGS, DIMENSIONS SHALL PREVAIL. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS RELATED TO THE WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY. IF CONTRACTOR FAILS TO VERIFY DIMENSIONS AS INDICATED, ANY AND ALL CORRECTIVE ACTIONS SHALL BE THE RESPONSABILITY OF THE CONTRACTOR.

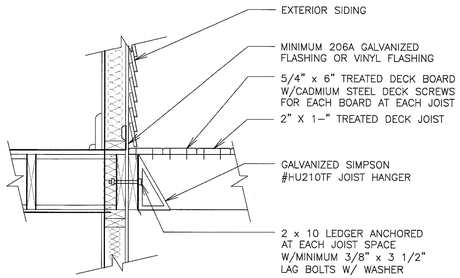
– ALL INTERIOR DIMENSIONS ARE SHOWN STUD TO STUD AND DO NOT INCLUDE WALL FINISHES.

– ALL DOOR OPENINGS SHALL BE LOCATED 4" FROM ADJOINING WALL UNLESS NOTED OTHER WISE.

– CONTRACTOR TO VERIFY PLACEMENT OF ANCHOR BOLTS TO ADJOINING MATERIALS PRIOR TO PLACEMENT OF BOLTS AND SHALL PROTECT ANY EXPOSED ANCHOR BOLTS.

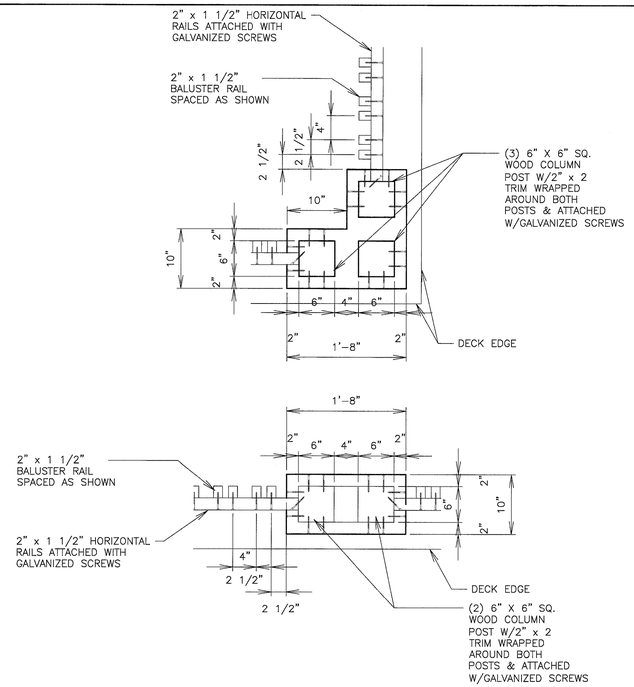
SYMBOLS LEGEND

- DENOTES NEW FULL HEIGHT WALLS
- DENOTES EXISTING WALLS TO REMAIN
- DENOTES NEW CONCRETE FOUNDATION WALLS
- DENOTES EXISTING FOUNDATION WALLS TO REMAIN
- DENOTES WALLS TO BE REMOVED
- DENOTES EXTERIOR SCREEN WALL
- DENOTES SECTION INDICATOR (SHEET # A1–02 DETAIL #)
- DENOTES DETAIL INDICATOR (A1–02 DETAIL # SHEET #)
- DENOTES PHOTO INDICATOR (1/25 PHOTO # SHEET #)
- DENOTES NEW DOOR AND FRAME SYMBOL TO REFERENCE OPENING SCHEDULE (1/101)
- (W3) EXTERIOR WINDOW #
- D.S. DOWNSPOUT LOCATION
- (2) DEMOLITION NOTE
- (2) PLAN NOTE



4 DECK LEDGER DETAIL

SCALE: 1" = 1'-0"



4 BALUSTER PLAN DETAIL

SCALE: 1" = 1'-0"

NOTES:

ALL DECK MATERIALS TO CONFORM WITH LOCAL CODES.

ALL LIMBER FOR DECKING AND RAILS SHALL BE NO. 1 SELECT, PRESSURE TREATED TYPE WITH .40 RETENTION OR LP22 AND SHALL NOT BE WARPED, CUPPED OR CONTAIN EXCESSIVE KNOTS. THE OWNER RESERVES THE RIGHT TO REJECT ANY LUMBER THAT DOES NOT MEET THESE STANDARDS.

ALL JOIST AND BEAM LUMBER SHALL BE MIN. NO. 2 PRESSURE TREATED TYPE WITH .40 RENTENTION.

ALL HARDWATE INCLUDING NAILS BOLTS, FRAMING ANCHORS AND NANGERS SHALL BE GALV. STEEL. ALL DECK SCREWS SHALL BE CADIUM PLATED. VARIFY GALV. MATH WITH TREATED WOOD.

ALL AREAS UNDER DECK AND GAZEBO SHALL HAVE FILTER FABRIC AND SECURED WITH SPIKES.

ALL CONCRETE USED FOR FOUNDATIONS SHALL BE MIN. 3,000 PSI.

JOIST HANGERS SHALL BE REQUIRED AT ALL LEDGER AND JOIST/ BEAM CONNECTION AS NEEDED.

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN.47404
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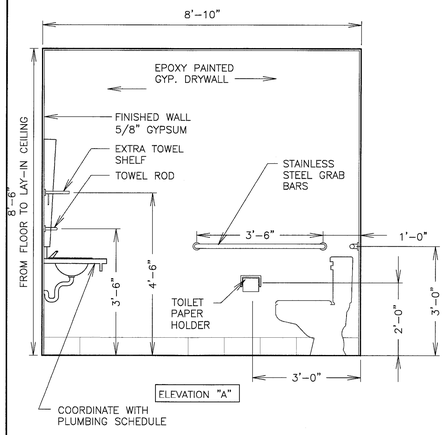
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SHEET NO.: A26d

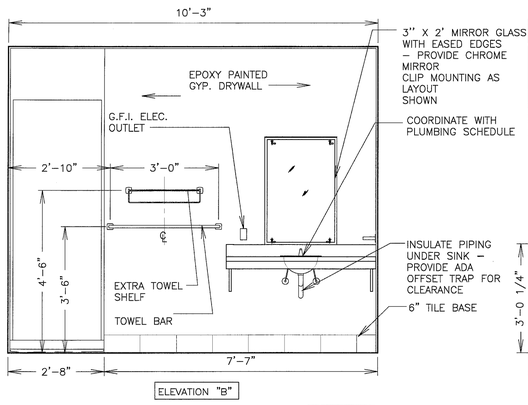
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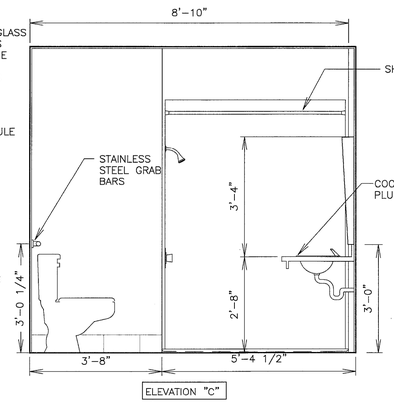
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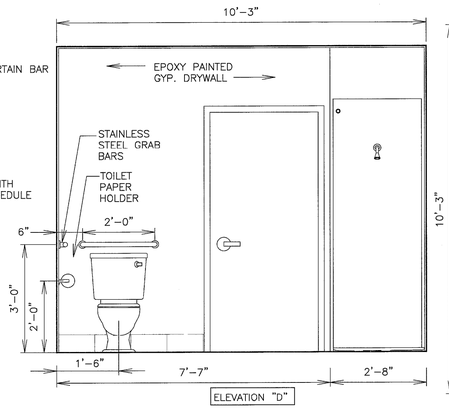
ELEVATION "A"



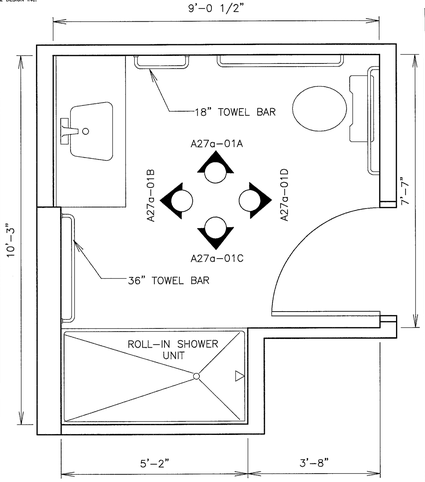
ELEVATION "B"



ELEVATION "C"

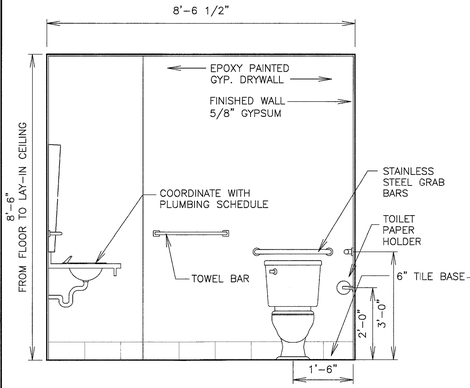


ELEVATION "D"

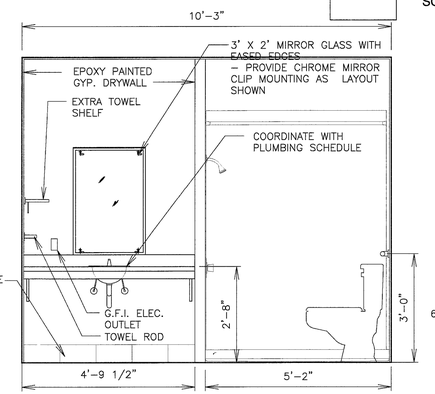


1 ADA BATHROOM (ROOM #100)

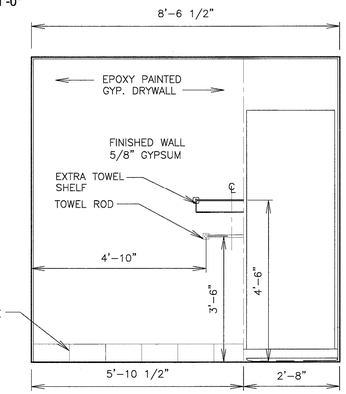
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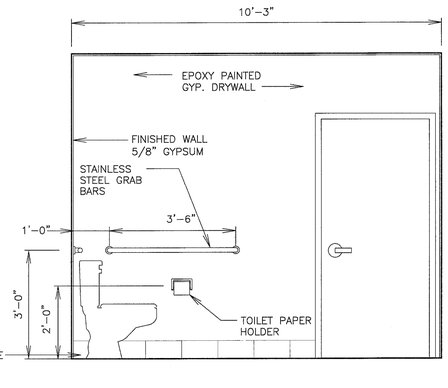
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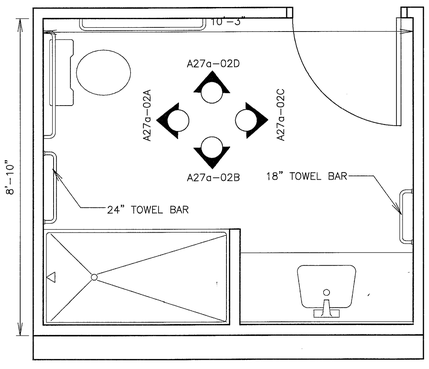
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ELEVATION "C"

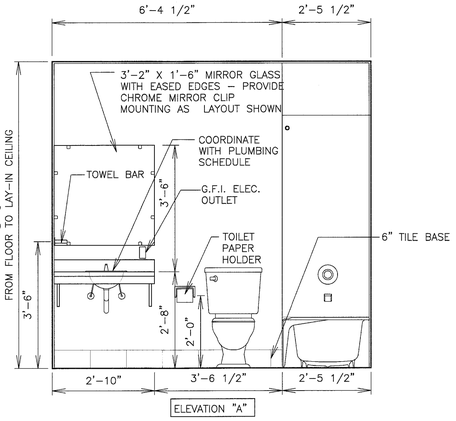


ELEVATION "D"

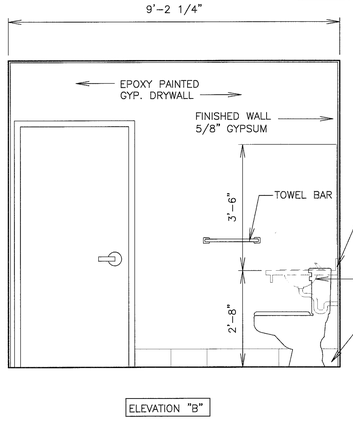


2 ADA BATHROOMS (ROOM #101)

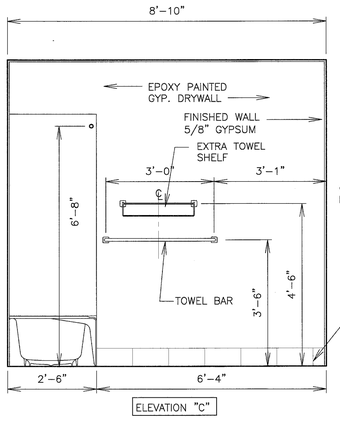
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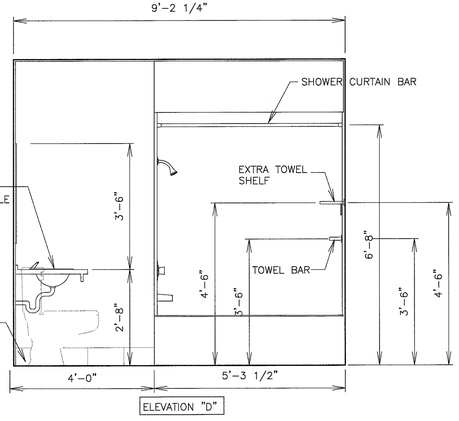
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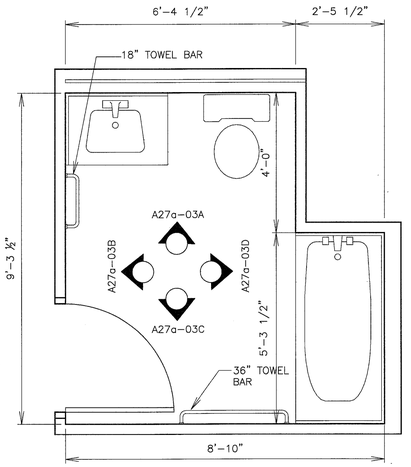
ELEVATION "B"



ELEVATION "C"



ELEVATION "D"



3 STANDARD BATHROOMS (W/ BATHTUB)

SCALE:1/2"=1'-0"

NOTES:

1– COVER ALL EXPOSED PIPES IN BATHS ADA.
2– PROVIDE ROBE HOOKS ON BATHROOMS' DOORS.

TOILET ACCESSORIES

1. BOBRICK PAPER TOWEL DISPENSER B–2621 – ROOM #141 & #142 (GATHERING ROOM BATHROOMS ONLY)
2. BOBRICK SOAP DISPENSER B–2111 – ROOM #141 & #142 (GATHERING ROOM BATHROOMS ONLY)
3. BOBRICK TOILET TISSUE DISPENSER B–2888 – ROOM #141 & # 142 (GATHERING ROOM BATHROOMS ONLY)
4. BOBRICK TILT MIRROR B–293
5. STAINLESS STEEL GRAB BARS WHERE SHOWN ON PLANS
6. BROBRICK #B7676 STAINLESS STEEL TOWEL SHELF W/TOWEL BAR
7. BROBRICK #B7685 STAINLESS STEEL TOILET TISSUE DISPENSER

NOTE:
PROVIDE ALL ACCESSORIES AS LISTED FOR EACH TOILET ROOM. UNLESS SPECIFIED FOR ONLY LISTED ROOM NUMBERS.

GENERAL NOTES:

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– CONTRACTOR TO VERIFY PLACEMENT OF ANCHOR BOLTS TO ADJOINING MATERIALS PRIOR TO PLACEMENT OF BOLTS AND SHALL PROTECT EXPOSED BOLTS.

TABOR BRUCE
ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN.47404
TELEPHONE: (812) 332–6258 FACSIMILE: (812) 332–8658

REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	
CHECKED BY	D. BRUCE

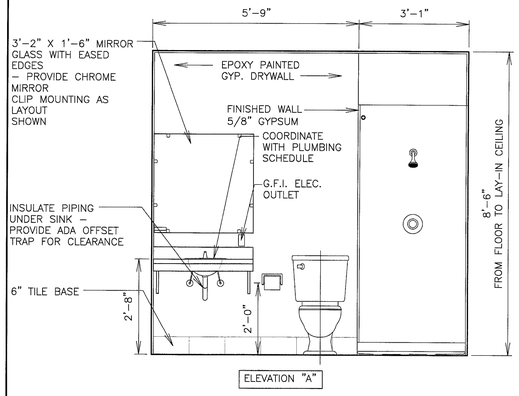
SHEET NAME
INTERIOR ELEVATIONS BATHROOMS

SHEET NO. A27a

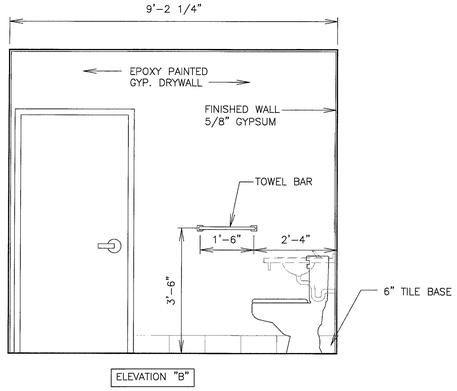
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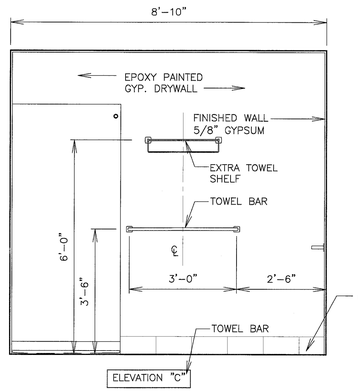
THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION AS "ARCHITECTURAL WORK" UNDER SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.O. AS AMENDED DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION, UNAUTHORIZED USE OF THESE PLANS, WORK OR HOME REPRESENTED, CAN LEGALLY RESULT IN THE CESSATION OF CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY COMPENSATION TO TABOR BRUCE ARCHITECTURE & DESIGN INC.



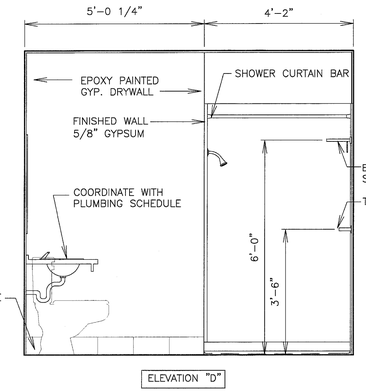
ELEVATION "A"



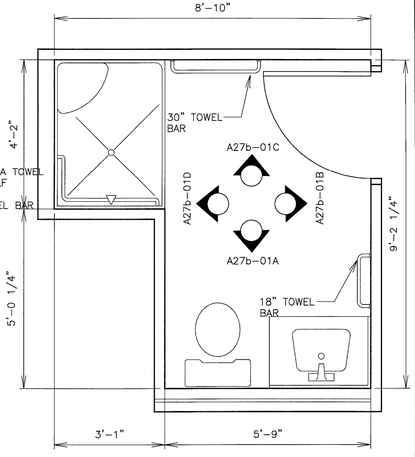
ELEVATION "B"



ELEVATION "C"

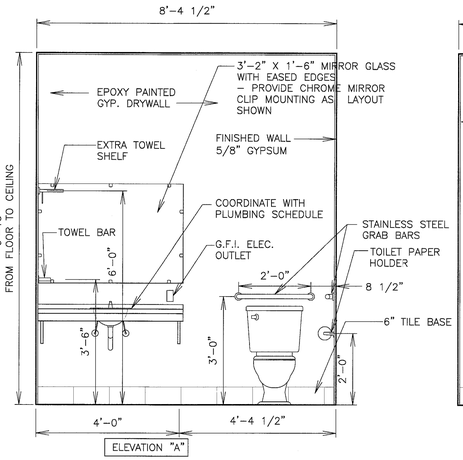


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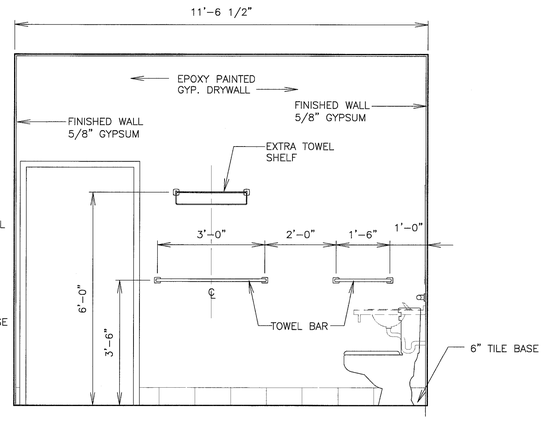


1 STANDARD BATHROOM (W/ ROLL-IN SHOWER)

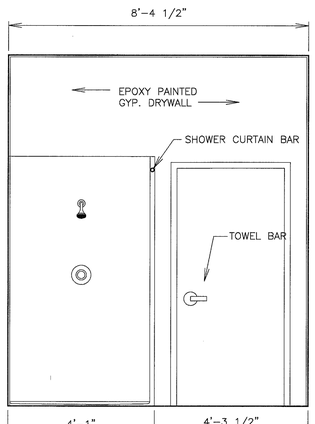
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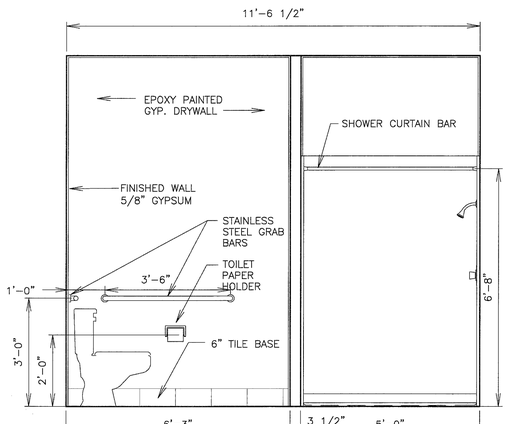
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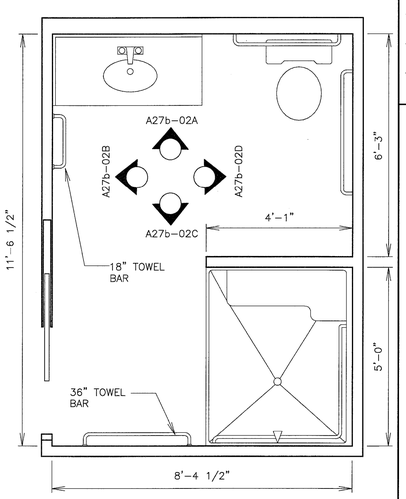
ELEVATION "B"



ELEVATION "C"

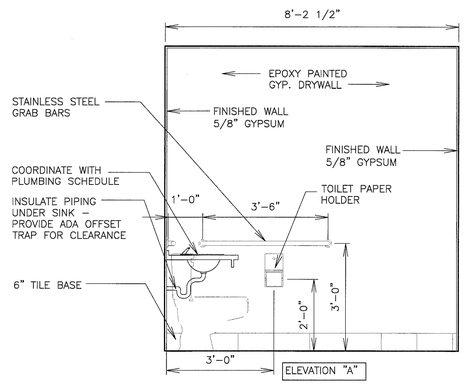


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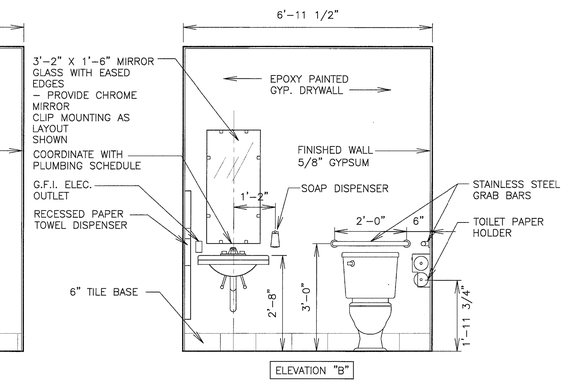


2 MANAGER BATHROOM

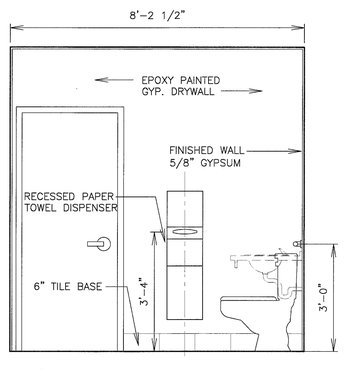
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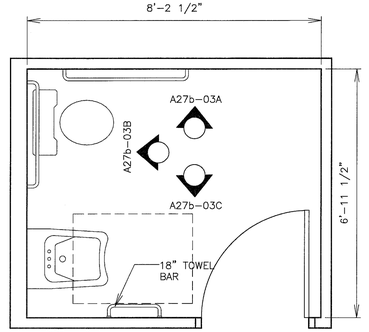
ELEVATION "A"



ELEVATION "B"



ELEVATION "C"



3 GATHERING ROOM BATHROOMS

SCALE:1/2"=1'-0"

NOTES:

1– COVER ALL EXPOSED PIPES IN BATHS ADA.
2– PROVIDE ROBE HOOKS ON BATHROOMS' DOORS.

ADA NOTES:

1) ALL DOORS TO ACCESSIBLE TOILET ROOMS SHALL NOT SWING INTO THE CLEAR SPACE REQUIRED FOR ANY FIXTURE.
2) MIRRORS SHALL HAVE THE BOTTOM SPACE MOUNTED MAX. 38" ABOVE FLOOR.
3) THE TOP OF THE WATER CLOSET SEATS SHALL BE 17"–19" ABOVE THE FLOOR.
4) GRAB BARS SHALL BE PROVIDED ON THE REAR AND SIDE WALL CLOSEST TO THE WATER CLOSET, MOUNT AT 33"–36" ABOVE FLOOR.
5) TOILET PAPER DISPENSERS SHALL BE MOUNTED 7"–9" IN FRONT OF THE WATER CLOSET AND SHALL BE MOUNTED 15"–48" ABOVE THE FLOOR. THESE SHALL BE A CLEARANCE OF 1–1/2" MIN. BELOW AND 12" MIN. ABOVE THE GRAB BAR.
6) LAVATORIES SHALL BE MOUNTED WITH THE RIM 34" MAX. ABOVE THE FLOOR WITH A CLEARANCE OF 29" MIN. FROM THE FLOOR TO THE BOTTOM OF THE FRONT EDGE OF THE APRON.
7) FIXTURES SHALL EXTEND 17" MIN. FROM THE WALL. CLEAR KNEE SPACE SHALL BE 8" DEPTH MIN. AT 27" FROM THE FLOOR AND 11" MIN. AT 9" ABOVE THE FLOOR.
8) ALL EXPOSED SUPPLY AND DRAIN PIPES UNDER LAVATORIES OR SINKS SHALL BE INSULATED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES. PROVIDE FLEXIBLE PROTECTIVE UNDERSINK COVERS.

TOILET ACCESSORIES

1. BOBRICK PAPER TOWEL DISPENSER B–2621 – ROOM #141 & #142 (GATHERING ROOM BATHROOMS ONLY)
2. BOBRICK SOAP DISPENSER B–2111 – ROOM #141 & #142 (GATHERING ROOM BATHROOMS ONLY)
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NOTE:
PROVIDE ALL ACCESSORIES AS LISTED FOR EACH TOILET ROOM. UNLESS SPECIFIED FOR ONLY LISTED ROOM NUMBERS.

GENERAL NOTES:

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TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN.47404
TELEPHONE: (812) 332–6258 FACSIMILE: (812) 332–8658

REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

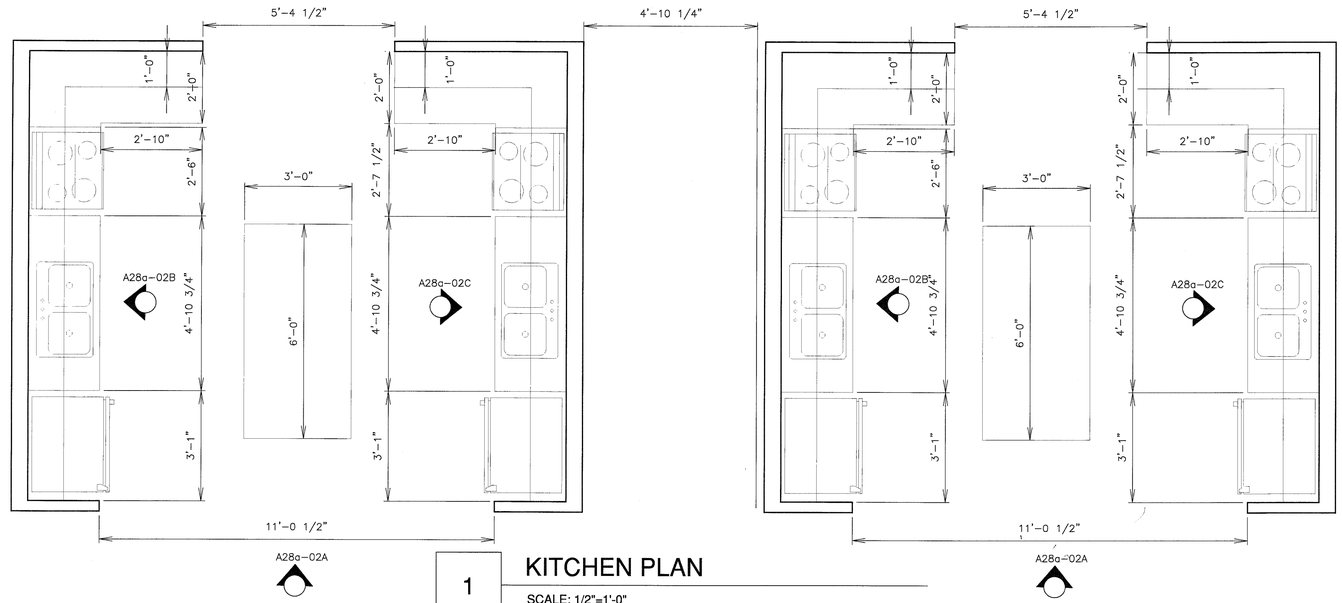
PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	
CHECKED BY	D. BRUCE

SHEET NAME
INTERIOR ELEVATIONS BATHROOMS

SHEET NO.
A27b

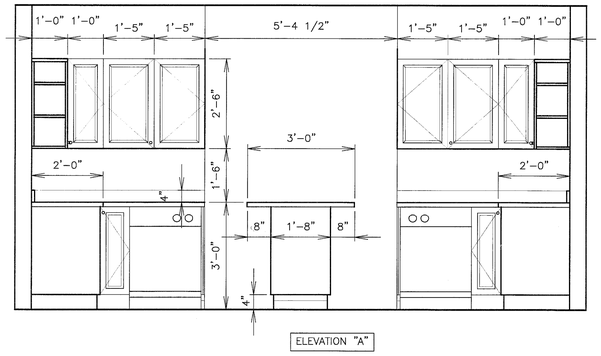
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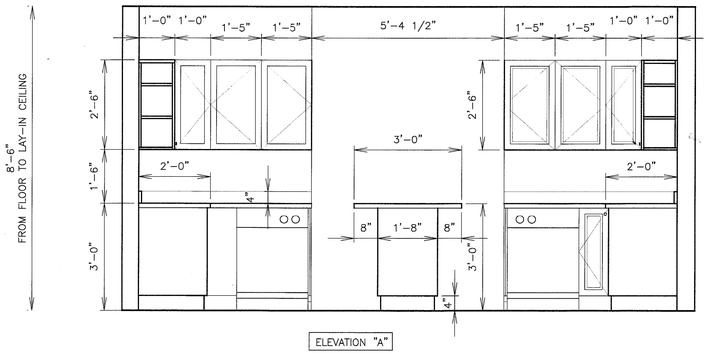


1 KITCHEN PLAN

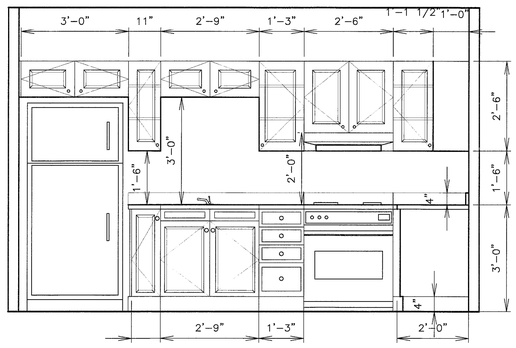
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ELEVATION "A"

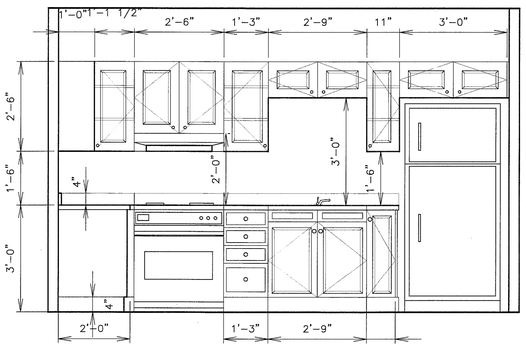


ELEVATION "A"



9 3/4"

ELEVATION "B"



9 3/4"

ELEVATION "C"

2 KITCHEN ELEVATIONS

SCALE: 1/2"=1'-0"

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213 S. ROGERS STREET – BLOOMINGTON, IN 47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

PROJECT NO. 1901

DATE 12 FEB 2007

DRAWN BY

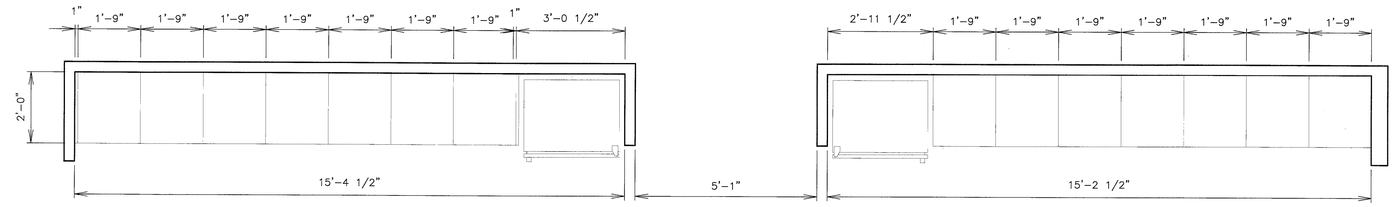
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SHEET NAME
INTERIOR ELEVATIONS KITCHENS

SHEET NO.
A28a

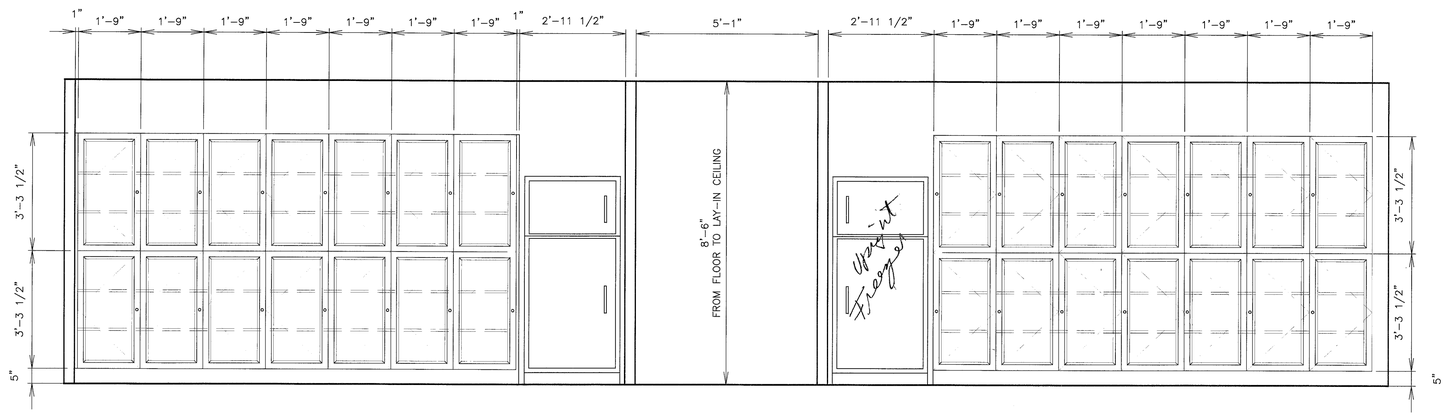
CONSTRUCTION

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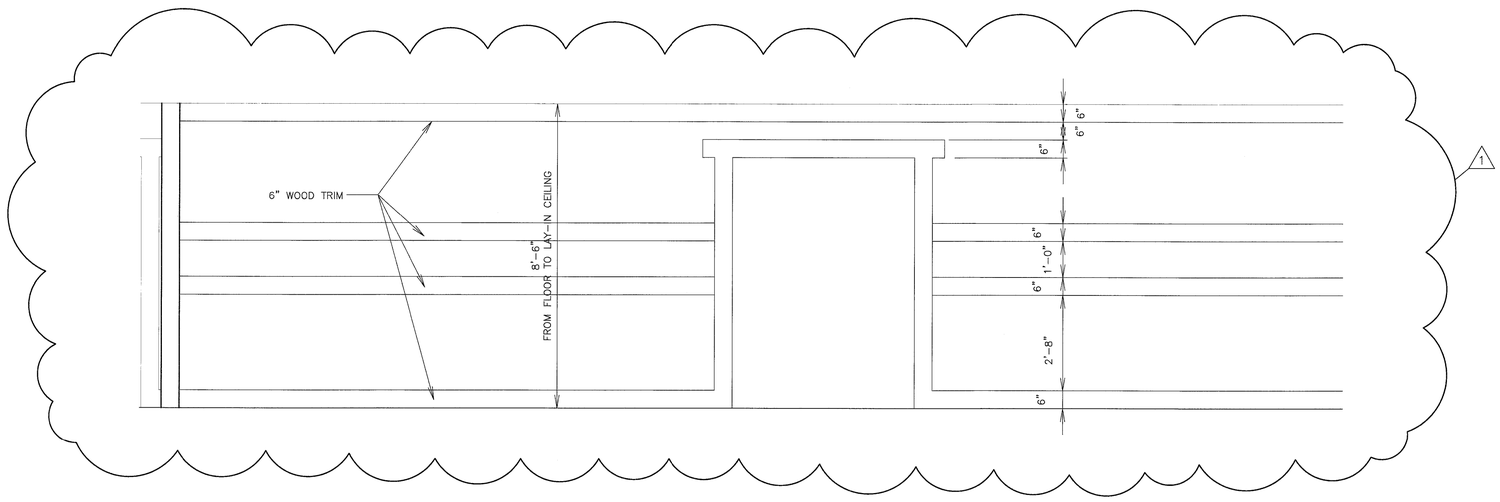
1 PANTRY PLAN

SCALE: 1/2"=1'-0"



2 PANTRY ELEVATION

SCALE: 1/2"=1'-0"



3 HALLWAY ELEVATION

SCALE: 1/2"=1'-0"

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TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS
1 CORRECTED INT. ELEV. 21 MARCH 07 – EP

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

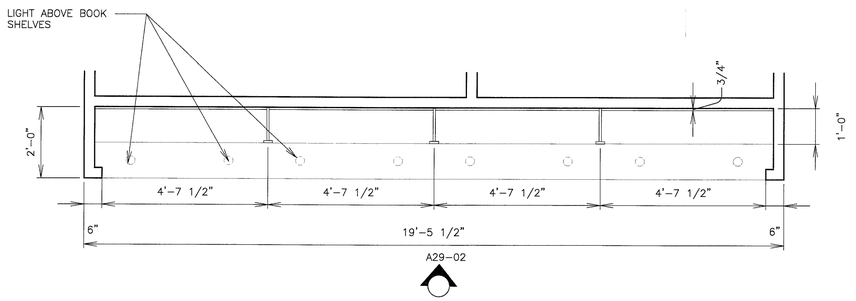
PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	
CHECKED BY	D. BRUCE

SHEET NAME
INTERIOR ELEVATIONS PANTRY/HALLWAY

SHEET NO.
A28b

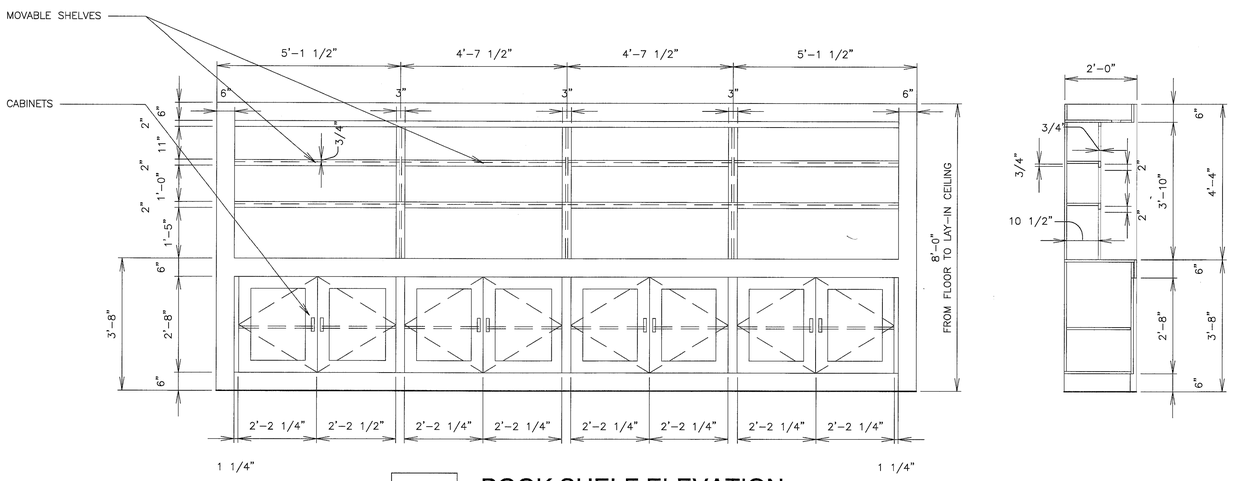
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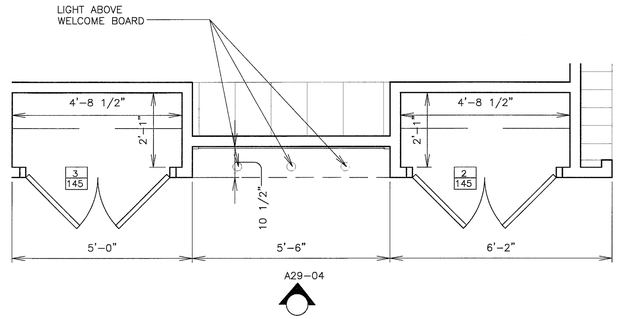
1 BOOK SHELF PLAN

SCALE: 1/2"=1'-0"



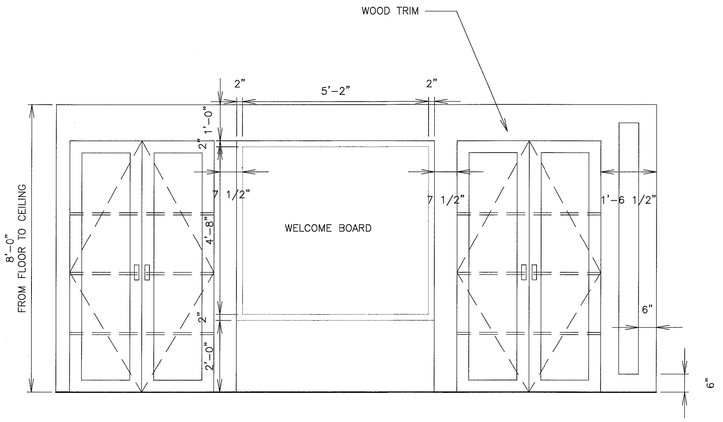
2 BOOK SHELF ELEVATION

SCALE: 1/2"=1'-0"



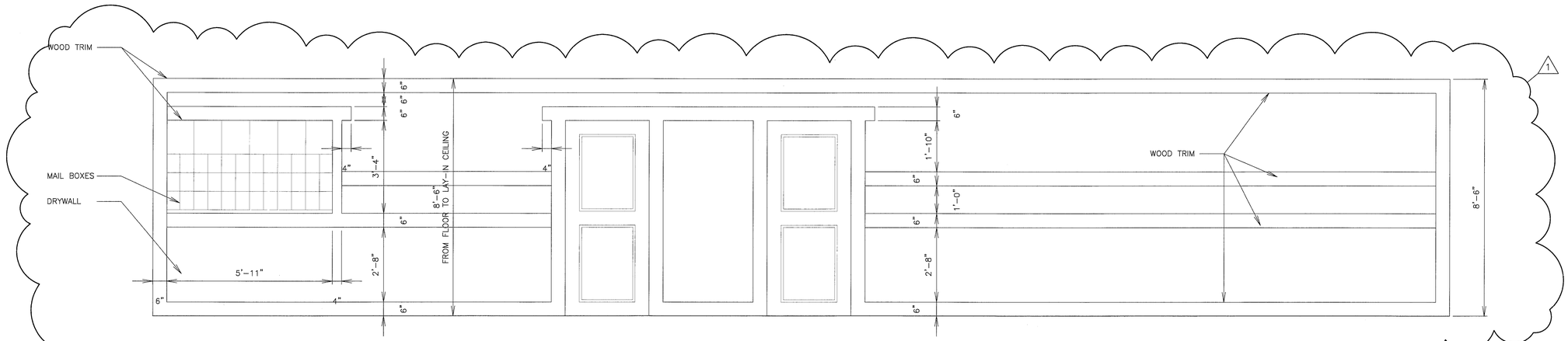
3 CLOSET PLAN

SCALE: 1/2"=1'-0"



4 CLOSET ELEVATION

SCALE: 1/2"=1'-0"



5 HALLWAY ELEVATION - MAILBOXES

SCALE: 1/2"=1'-0"

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– ALL DOOR OPENINGS SHALL BE LOCATED 4" FROM ADJOINING WALL UNLESS NOTED OTHER WISE.

– CONTRACTOR TO VERIFY PLACEMENT OF ANCHOR BOLTS TO ADJOINING MATERIALS PRIOR TO PLACEMENT OF BOLTS AND SHALL PROTECT EXPOSED BOLTS.

TABOR BRUCE
ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

1 CORRECTED INT. ELEV. 21 MARCH 07 – EP

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE
REGISTERED
NO. AR19900009
STATE OF INDIANA
ARCHITECT

PROJECT NO. 1901

DATE 12 FEB 2007

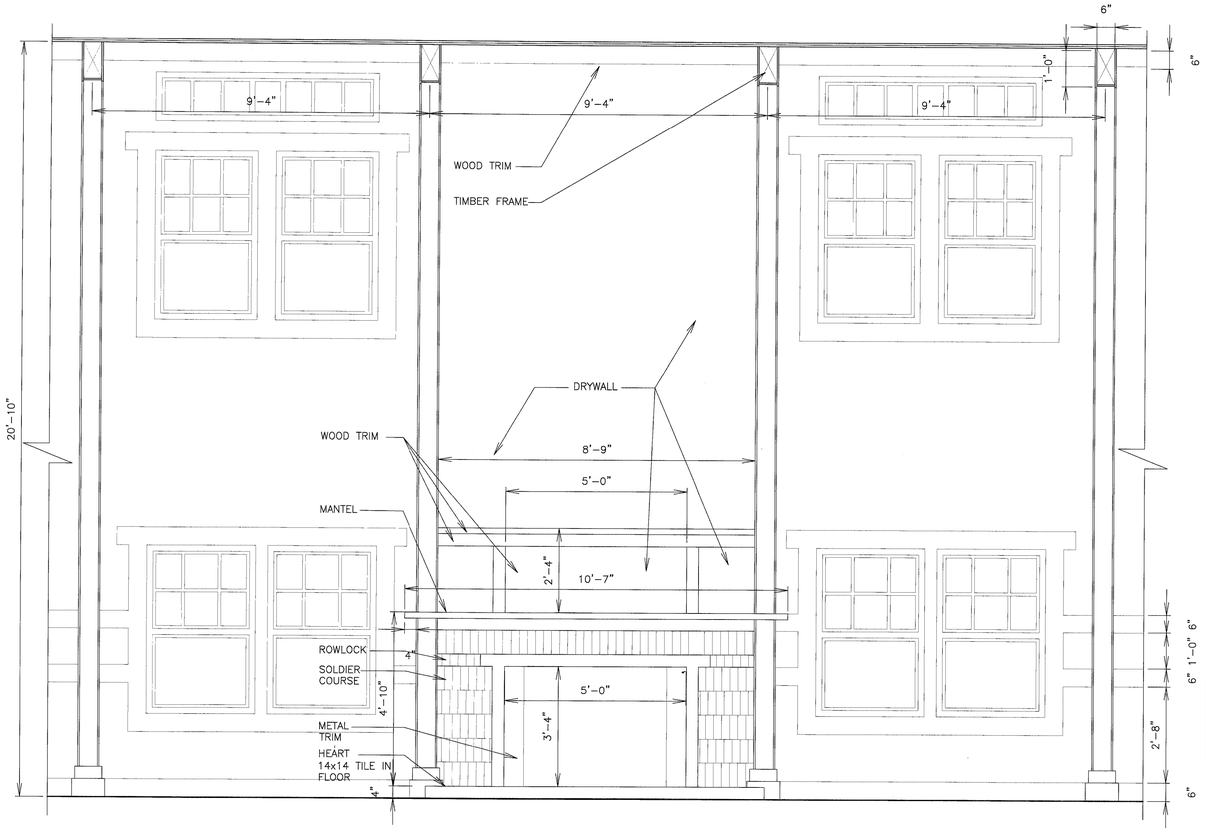
DRAWN BY

CHECKED BY D. BRUCE

SHEET NAME
INTERIOR ELEVATIONS

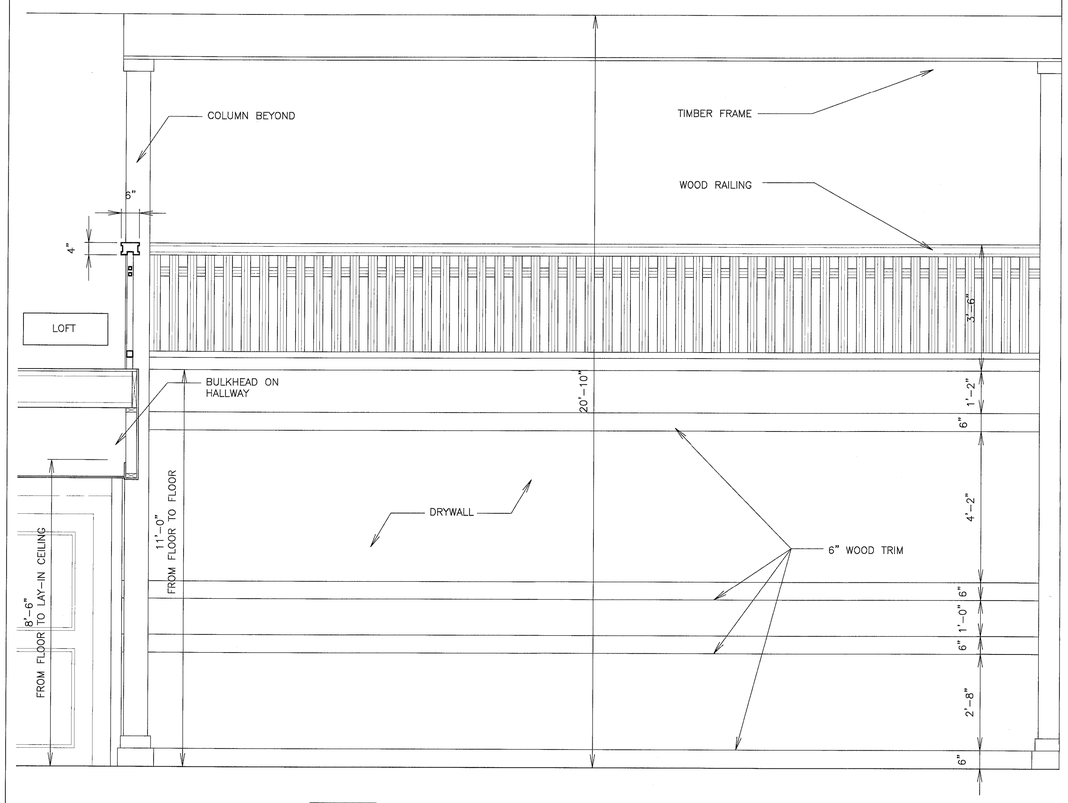
SHEET NO.
A29
CONSTRUCTION

Apr 06, 2007 – 2:43pm
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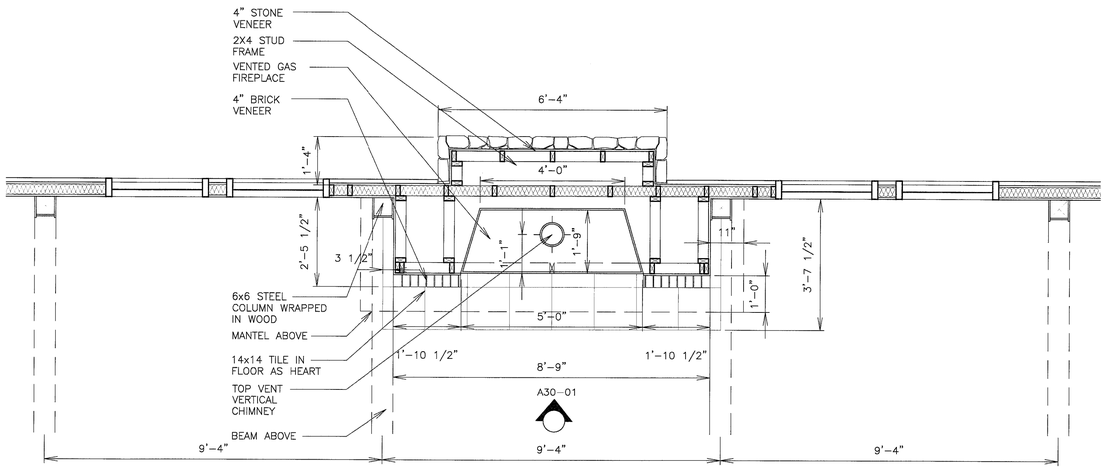
1 FIREPLACE ELEVATION

SCALE: 1/2"=1'-0"



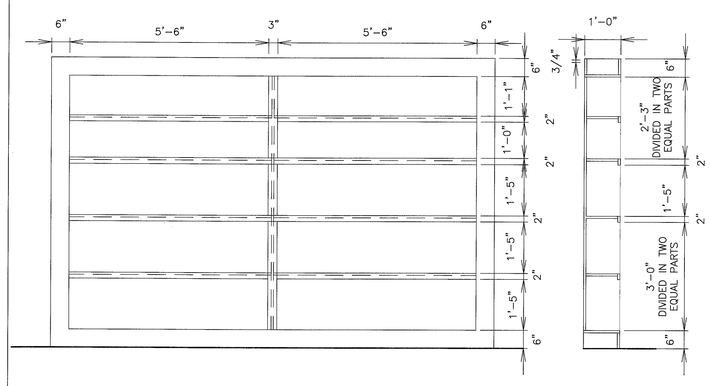
3 GATHERING ROOM ELEVATION

SCALE: 1/2"=1'-0"



2 FIREPLACE PLAN

SCALE: 1/2"=1'-0"



A. BUILT-IN BOOK SHELVES (ALONG HALLWAY TO CHAPEL)

B. BUILT-IN BOOK SHELVES (BETWEEN GATHERING ROOM RESTROOMS)

4 BOOKSHELVES

SCALE: 1/2"=1'-0"

Feb 14, 2007 - 4:07pm
J:\CURRENT2006\JILL'S HOUSE\CURRENT\ Interior Elevations.dwg

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ARCHITECTURE & DESIGN
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REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT
H Doug Bruce

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	
CHECKED BY	D. BRUCE

SHEET NAME
INTERIOR ELEVATIONS

SHEET NO.
A30

CONSTRUCTION

BASEMENT, FIRST & SECOND FLOORS WINDOW SCHEDULE

WINDOW	DESCRIPTION	QUANTITY	LOCATIONS	ROUGH OPENING	NUMBER	REMARKS
W1	PELLA*	5		3'-1" X 4'-9"		SEE ELEVATIONS FOR WINDOW DESIGNS
W2	PELLA*	2		2- 3'-5" X 2'-11"		SEE ELEVATIONS FOR WINDOW DESIGNS
W3	NOT USED	-	-	-	-	-
W4	PELLA*	2	WINDOW TRANSOM	2 - 3'-1" x 1'-5"		SEE ELEVATIONS FOR WINDOW DESIGNS
W5	PELLA	62		2 - 3'-1" X 4'-9"		SEE ELEVATIONS FOR WINDOW DESIGNS

NOTE: ALL WINDOWS TO BE PRE-FINISHED, LOW-E, WHITE WINDOWS

1 WINDOW SCHEDULE

FIRST FLOOR DOOR SCHEDULE

1 DOOR # / 1 ROOM #	LOCATION	SIZE	DOOR MAT. / ELEVATION	FRAME MAT. /	JAMB DETAIL	HEAD DETAIL	FIRE RATING	LOCKSET/LATCHSET FUNCTION	CLOSER	REMARKS
1-100	GUEST ROOM #100	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.			20 MIN	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622, WITH SMOKE SEAL
2-100	GUEST ROOM #100-CLOSET	2'-8" X 7'-0" X 1 3/4"	WOOD-G	H.M.				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
3-100	GUEST ROOM #100-BATH	3'-0" x 7'-0" X 1 3/4"	WOOD-G	H.M.				PRIVACY-28-7U65LY SARGENT		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
1-101	GUEST ROOM #101	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622, WITH SMOKE SEAL
2-101	GUEST ROOM #101-CLOSET	2'-8" X 7'-0" X 1 3/4"	WOOD-G	H.M.				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
3-101	GUEST ROOM #101-BATH	3'-0" x 7'-0" X 1 3/4"	WOOD-G	H.M.				PRIVACY-28-7U65LY SARGENT		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
1-102	GUEST ROOM #102	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622, WITH SMOKE SEAL
2-102	GUEST ROOM #102-BATH	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.				PRIVACY-28-7U65LY SARGENT		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
3-102	GUEST ROOM #102-CLOSET	2'-8" x 7'-0" X 1 3/4"	WOOD-G	H.M.				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
1-103	GUEST ROOM #103	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622, WITH SMOKE SEAL
2-103	GUEST ROOM #103-BATH	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.				PRIVACY-28-7U65LY SARGENT		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
3-103	GUEST ROOM #103-CLOSET	2'-8" x 7'-0" X 1 3/4"	WOOD-G	H.M.				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
1-104	GUEST ROOM #104	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622, WITH SMOKE SEAL
2-104	GUEST ROOM #104-CLOSET	2'-8" X 7'-0" X 1 3/4"	WOOD-G	H.M.				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
3-104	GUEST ROOM #104-BATH	3'-0"x 7'-0" X 1 3/4"	WOOD-G	H.M.				PRIVACY-28-7U65LY SARGENT		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
1-105	GUEST ROOM #105	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622, WITH SMOKE SEAL
2-105	GUEST ROOM #105-CLOSET	2'-8" X 7'-0" X 1 3/4"	WOOD-G	H.M.				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
3-105	GUEST ROOM #105-BATH	3'-0" x 7'-0" X 1 3/4"	WOOD-G	H.M.				PRIVACY-28-7U65LY SARGENT		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
1-106	GUEST ROOM #106	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622, WITH SMOKE SEAL
2-106	GUEST ROOM #106-BATH	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.				PRIVACY-28-7U65LY SARGENT		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
3-106	GUEST ROOM #106-CLOSET	2'-8" x 7'-0" X 1 3/4"	WOOD-G	H.M.				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
1-107	GUEST ROOM #107	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622, WITH SMOKE SEAL
2-107	GUEST ROOM #107-BATH	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.				PRIVACY-28-7U65LY SARGENT		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
3-107	GUEST ROOM #107-CLOSET	2'-8" x 7'-0" X 1 3/4"	WOOD-G	H.M.				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
1-108	GUEST ROOM #108	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622, WITH SMOKE SEAL
2-108	GUEST ROOM #108-CLOSET	2'-8" X 7'-0" X 1 3/4"	WOOD-G	H.M.				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
3-108	GUEST ROOM #108-BATH	3'-0" x 7'-0" X 1 3/4"	WOOD-G	H.M.				PRIVACY-28-7U65LY SARGENT		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
1-109	GUEST ROOM #109	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622, WITH SMOKE SEAL
2-109	GUEST ROOM #109-CLOSET	2'-8" X 7'-0" X 1 3/4"	WOOD-G	H.M.				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
3-109	GUEST ROOM #109-BATH	3'-0" x 7'-0" X 1 3/4"	WOOD-G	H.M.				PRIVACY-28-7U65LY SARGENT		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
1-110	PLAYROOM #110	3'-0" x 7'-0" X 1 3/4"	WOOD-G	H.M.			20 MIN.	SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS, WITH SMOKE SEAL
2-110	PLAYROOM #110	3'-0" x 7'-0" X 1 3/4"	H.M.-F	H.M.				SARGENT PANIC 12-8813ETY	SARGENT 351 CPS-EAB FINISH	PROVIDE ALUM. THRESHOLD
1-111	LAUNDRY #111	3'-0" x 7'-0" X 1 3/4"	H.M.-J	H.M.			90 MIN	SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS AND SMOKE SEAL
1-112	STORAGE #112	3'-0" X 7'-0" X 1 3/4"	H.M.-J	H.M.			90 MIN.	SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS AND SMOKE SEAL
1-114	STORAGE #114	3'-0" X 7'-0" X 1 3/4"	H.M.-J	H.M.			90 MIN.	SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS WITH SMOKE SEAL
1-115	STORAGE #115	3'-0" X 7'-0" X 1 3/4"	H.M.-J	H.M.			90 MIN.	SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS WITH SMOKE SEAL
1-117	STAIR B #117	3'-0" X 7'-0" X 1 3/4"	H.M.-D	H.M.			90 MIN.	SARGENT PANIC 12-8813ETY	SARGENT 351 CPS-EAB FINISH	PROVIDE ROCKWOOD WALL STOP WITH SMOKE SEAL AND MAX. 100 SQ. IN. TEMPERED GLASS VIEWPORT
1-118	STAIR C #118	3'-0" X 7'-0" X 1 3/4"	H.M.-D	H.M.			90 MIN.	SARGENT PANIC 12-8813ETY	SARGENT 351 CPS-EAB FINISH	PROVIDE ROCKWOOD WALL STOP WITH SMOKE SEAL AND MAX. 100 SQ. IN. TEMPERED GLASS VIEWPORT
1-119	JANITOR'S STORAGE #119	3'-0" X 7'-0" X 1 3/4"	H.M.-J	H.M.			90 MIN.	SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS WITH SMOKE SEAL
1-122	BOARD ROOM #122	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.				SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
1-123	OFFICE #123	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.				SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
1-126	STORAGE #126	3'-0" X 7'-0" X 1 3/4"	H.M.-J	H.M.			90 MIN.	SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS WITH SMOKE SEAL
1-129	STORAGE #129	3'-0" X 7'-0" X 1 3/4"	H.M.-J	H.M.			90 MIN.	SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS WITH SMOKE SEAL
1-130	DINING ROOM #130	(2) 3'-0" X 7'-0" X 1 3/4"	H.M.-E	H.M.				SARGENT PANIC 12-8813ETY	SARGENT 351 CPS-EAB FINISH	PROVIDE ALUM. THRESHOLD
1-132	STAFF ROOM #132	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.				SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
1-135	CHAPEL #135	(2) 3'-0" X 7'-0" X 1 3/4"	WOOD-H	H.M.				SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
1-137	MANAGER'S OFFICE #137	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.				SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
1-138	NIGHT ROOM #138	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.				SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
1-139	BATHROOM #139	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.				.	.	POCKET DOOR
1-141	WOMEN'S BATHROOM #141	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.				PRIVACY-28-7U65LY SARGENT	SARGENT 1431U0-EAB FINISH	PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
1-142	MEN'S BATHROOM #142	3'-0" X 7'-0" X 1 3/4"	WOOD-G	H.M.				PRIVACY-28-7U65LY SARGENT	SARGENT 1431U0-EAB FINISH	PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
1-146	AIR LOCK #146	(2) 3'-0" X 7'-0" X 1 3/4"	WOOD-A	WOOD-A				SARGENT PANIC 12-8813ETY		WOOD STOREFRONT SYSTEM
1-147	LOBBY#147 / AIR LOCK #146	(2) 3'-0" X 7'-0" X 1 3/4"	WOOD-B	WOOD-B				SARGENT PANIC 12-8813ETY		WOOD STOREFRONT SYSTEM
2-147	LOBBY #147	(2) 2'-0" X 7'-0" X 1 3/4"	WOOD-I	H.M.				SARGENT- LOCKSET 28-65G37		
3-147	GATHERING ROOM #147	(2) 2'-0" X 7'-0" X 1 3/4"	WOOD-I	H.M.				SARGENT- LOCKSET 28-65G37		
1-116	LOBBY #116	(2) 3'-0" X 7'-0" X 1 3/4"	WOOD-H	H.M.			45 MIN.	SARGENT PANIC 12-8813ETY	SARGENT 351 CPS-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS WITH SMOKE SEAL AND MAX. 100 SQ. IN. TEMPERED GLASS VIEWPORT

FIRST FLOOR

3

1 DOOR SCHEDULE

NOTE: FINISH TO BE US3 UNLESS NOTED

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
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REVISIONS

1 WINDOWS ADDED TO SCHEDULE 19 MARCH 07 - EP

2 CHANGE WINDOW SIZE FOR EGRESS 21 MARCH 07 - EP

3 CHANGED DOOR & FRAME MATERIALS 04 APRIL 07 - EP

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

PROJECT NO. 1901
DATE 12 FEB 2007
DRAWN BY
CHECKED BY D. BRUCE
SHEET NAME OPENING SCHEDULE
SHEET NO. RA31
CONSTRUCTION

Apr 06, 2007 - 2:45pm
J:\CURRENT2006\JILL'S HOUSE\CURRENT\ Opening Schedules.dwg

SECOND FLOOR DOOR SCHEDULE

SECOND FLOOR

1 DOOR # / 1 ROOM #	LOCATION	SIZE	DOOR MAT. / ELEVATION	FRAME MAT. / ELEVATION	JAMB DETAIL	HEAD DETAIL	FIRE RATING	LOCKSET/LATCHSET FUNCTION	CLOSER	REMARKS
1-200	GUEST ROOM #200	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622 WITH SMOKE SEAL
2-200	GUEST ROOM #200-CLOSET	2'-8" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
3-200	GUEST ROOM #200-BATH	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				PRIVACY-28-7U65LY SARGENT		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
1-201	GUEST ROOM #201	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622 WITH SMOKE SEAL
2-201	GUEST ROOM #201-CLOSET	2'-8" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
3-201	GUEST ROOM #201-BATH	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				PRIVACY-28-7U65LY SARGENT .		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
1-202	GUEST ROOM #202	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622 WITH SMOKE SEAL
2-202	GUEST ROOM #202-BATH	2'-8" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				PRIVACY-28-7U65LY SARGENT		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
3-202	GUEST ROOM #202-CLOSET	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
1-203	GUEST ROOM #203	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622 WITH SMOKE SEAL
2-203	GUEST ROOM #203-BATH	2'-8" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				PRIVACY-28-7U65LY SARGENT		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
3-203	GUEST ROOM #203-CLOSET	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
1-204	GUEST ROOM #204	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622 WITH SMOKE SEAL
2-204	GUEST ROOM #204-CLOSET	2'-8" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
3-204	GUEST ROOM #204-BATH	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				PRIVACY-28-7U65LY SARGENT .		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
1-205	GUEST ROOM #205	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622 WITH SMOKE SEAL
2-205	GUEST ROOM #205-CLOSET	2'-8" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
3-205	GUEST ROOM #205-BATH	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				PRIVACY-28-7U65LY SARGENT .		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
1-206	GUEST ROOM #206	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622 WITH SMOKE SEAL
2-206	GUEST ROOM #206-BATH	2'-8" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				PRIVACY-28-7U65LY SARGENT		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
3-206	GUEST ROOM #206-CLOSET	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
1-207	GUEST ROOM #207	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622 WITH SMOKE SEAL
2-207	GUEST ROOM #207-BATH	2'-8" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				PRIVACY-28-7U65LY SARGENT		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
3-207	GUEST ROOM #207-CLOSET	3'-0" x 7'-0" X 1 3/4"	WOOD-C	H.M.-A				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
1-208	GUEST ROOM #208	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622 WITH SMOKE SEAL
2-208	GUEST ROOM #208-CLOSET	2'-8" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
3-208	GUEST ROOM #208-BATH	3'-0" x 7'-0" X 1 3/4"	WOOD-C	H.M.-A				PRIVACY-28-7U65LY SARGENT .		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
1-209	GUEST ROOM #209	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622 WITH SMOKE SEAL
2-209	GUEST ROOM #209-CLOSET	2'-8" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
3-209	GUEST ROOM #209-BATH	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				PRIVACY-28-7U65LY SARGENT .		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
1-210	GUEST ROOM #210	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622 WITH SMOKE SEAL
2-210	GUEST ROOM #210-CLOSET	2'-8" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
3-210	GUEST ROOM #210-BATH	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				PRIVACY-28-7U65LY SARGENT .		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
1-211	GUEST ROOM #211	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622 WITH SMOKE SEAL
2-211	GUEST ROOM #211-CLOSET	2'-8" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
3-211	GUEST ROOM #211-BATH	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				PRIVACY-28-7U65LY SARGENT .		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
1-212	GUEST ROOM #212	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622 WITH SMOKE SEAL
2-212	GUEST ROOM #212-BATH	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				PRIVACY-28-7U65LY SARGENT		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
3-212	GUEST ROOM #212-CLOSET	2'-8" x 7'-0" X 1 3/4"	WOOD-C	H.M.-A				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
1-213	GUEST ROOM #213	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622 WITH SMOKE SEAL
2-213	GUEST ROOM #213-CLOSET	2'-8" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
3-213	GUEST ROOM #213-BATH	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				PRIVACY-28-7U65LY SARGENT .		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
1-214	GUEST ROOM #214	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			20 MIN.	ELEC. MORTISE LOCK VC2 100-VINGCARD	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD DOOR GUARD 604, EDGE GUARD 605 AND DOOR VIEWER 622 WITH SMOKE SEAL
1-214	GUEST ROOM #214-CLOSET	2'-8" x 7'-0" X 1 3/4"	WOOD-C	H.M.-A				SARGENT PASSAGE SET 28-7U15LY		PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
3-214	GUEST ROOM #214-BATH	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A				PRIVACY-28-7U65LY SARGENT .		PROVIDE 3 DOOR SILENCERS, 1 WALL BUMPER
1-215	PLAYROOM #215	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			20 MIN.	SARGENT LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS WITH SMOKE SEAL
1-216	LAUNDRY #216	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			20 MIN.	SARGENT-LOCKSET 28-7G05LY	SARGENT 351 CPS-EAB FINISH	PROVIDE ROCKWOOD WALL STOP WITH SMOKE SEAL
1-217	STAIR C #212	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			90 MIN.	SARGENT PANIC 12-8813ETY	SARGENT 351 CPS-EAB FINISH	PROVIDE ROCKWOOD WALL STOP WITH SMOKE SEAL, MIN 100 SQ. IN. TEMPERED VIEWPORT GLASS
1-219	STORAGE #219	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			90 MIN	SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS WITH SMOKE SEAL
1-220	STORAGE #220	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			90 MIN	SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS WITH SMOKE SEAL
1-222	STAIR B #222	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			90 MIN.	SARGENT PANIC 12-8813ETY	SARGENT 351 CPS-EAB FINISH	PROVIDE ROCKWOOD WALL STOP WITH SMOKE SEAL , MIN 100 PSI TEMPERED, VIEWPRT GLASS
1-223	STORAGE #223	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			90 MIN	SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS WITH SMOKE SEAL
1-224	STORAGE #224	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			90 MIN	SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS WITH SMOKE SEAL
1-225	HALLWAY #225	(2) 3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			45 MIN	SARGENT PANIC 12-8813ETY	SARGENT 351 CPS-EAB FINISH	PROVIDE PANIC HARDWARE, WALL BUMPER, MAX 100SQ. IN TEMPERED VIEWPORT, TEMPERED GLASS, SMOKE SEAL
1-226	LOFT #226	(2) 3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			45 MIN	SARGENT PANIC 12-8813ETY	SARGENT 351 CPS-EAB FINISH	PROVIDE PANIC HARDWARE, WALL BUMPER, MAX 100SQ. IN TEMPERED VIEWPORT, SMOKE SEAL
1-228	STORAGE #228	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			90 MIN	SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS
1-229	MECH. ROOM #229	3'-0" X 7'-0" X 1 3/4"	WOOD-C	H.M.-A			90 MIN	SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS WITH SMOKE SEAL

1 DOOR SCHEDULE - SECOND FLOOR

BASEMENT FLOOR DOOR SCHEDULE

BASEMENT/GARAGE

1 DOOR # / 1 ROOM #	LOCATION	SIZE	DOOR MAT. / ELEVATION	FRAME MAT. / ELEVATION	JAMB DETAIL	HEAD DETAIL	FIRE RATING	LOCKSET/LATCHSET FUNCTION	CLOSER	REMARKS
1-001	GARAGE #001 / LOBBY	3'-0" X 7'-0" X 1 3/4"	H.M.-C	H.M.-A			90 MIN.	SECURITY CARD?	SARGENT 351 CPS-EAB FINISH	PROVIDE ROCKWOOD WALL STOP, MAX 100 SQ. IN. TEMPERED VIEWPORT, SMOKE SEAL
2-001	GARAGE #001 / STAIR C	3'-0" X 7'-0" X 1 3/4"	H.M.-C	H.M.-A			90 MIN.	SARGENT PANIC 12-8813ETY	SARGENT 351 CPS-EAB FINISH	PROVIDE ROCKWOOD WALL STOP, MAX 100 SQ. IN. TEMPERED VIEWPORT, SMOKE SEAL
1-002	LOBBY / UNFINISHED AREA	(2) 3'-0" X 7'-0" X 1 3/4"	H.M.-C	H.M.-A				SARGENT-LOCKSET 28-7G05LY	SARGENT 351 CPS-EAB FINISH	PROVIDE ROCKWOOD WALL STOP, SMOKE SEAL
1-003	STAIR B #003	3'-0" X 7'-0" X 1 3/4"	H.M.-C	H.M.-A			90 MIN.	SARGENT PANIC 12-8813ETY	SARGENT 351 CPS-EAB FINISH	PROVIDE ROCKWOOD WALL STOP AND ALUM. THRESHOLD, SMOKE SEAL
2-003	STAIR B #003	3'-0" X 7'-0" X 1 3/4"	H.M.-C	H.M.-A			90 MIN.	SARGENT PANIC 12-8813ETY	SARGENT 351 CPS-EAB FINISH	PROVIDE ROCKWOOD WALL STOP, MAX 100 SQ. IN. TEMPERED VIEWPORT, SMOKE SEAL
1-004	ELEVATOR EQUIP. #004	3'-0" X 7'-0" X 1 3/4"	H.M.-C	H.M.-A			45 MIN.	SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS, SMOKE SEAL
1-005	STORAGE #005	3'-0" X 7'-0" X 1 3/4"	H.M.-C	H.M.-A				SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS, SMOKE SEAL
1-007	STAIR C #007	3'-0" X 7'-0" X 1 3/4"	H.M.-C	H.M.-A			90 MIN.	SARGENT PANIC 12-8813ETY	SARGENT 351 CPS-EAB FINISH	PROVIDE ROCKWOOD WALL STOP AND ALUM. THRESHOLD, SMOKE SEAL
1-009	MECH. ROOM #009	3'-0" X 7'-0" X 1 3/4"	H.M.-C	H.M.-A			45 MIN.	SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS, SMOKE SEAL
2-009	MECH. ROOM #009 /GOLF CART	(2) 3'-0" X 7'-0" X 1 3/4"	H.M.-C	H.M.-A			45 MIN.	SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS, SMOKE SEAL
1-010	GOLF CART GARAGE #010	16'-0" X 7'-0" X1 3/4"	ALUM.							OVERHEAD INSULATED DOOR
2-010	GOLF CART GARAGE #010	3'-0" X 7'-0"	H.M.-C	H.M.-A				SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS, SMOKE SEAL
3-010	GOLF CART GARAGE #010	3'-0" X 7'-0"	H.M.-C	H.M.-A				SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS, SMOKE SEAL
1-011	UNFINISHED AREA	(2) 3'-0" X 7'-0" X 1 3/4"	H.M.-C	H.M.-A				SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS, SMOKE SEAL
1-012	GOLF CART #012	16'-0" X 7'-0" X 1 3/4"	ALUM.							OVERHEAD INSULATED DOOR
1-013	ELEC. CLOSET #113	3'-0" X 7'-0" X 1 3/4"	H.M. -C	H.M. -A			45 MIN.	SARGENT-LOCKSET 28-7G05LY	SARGENT 1431U0-EAB FINISH	PROVIDE ROCKWOOD WALL BUMPER AND 3 DOOR SILENCERS, SMOKE SEAL

2 DOOR SCHEDULE - BASEMENT

Feb 14, 2007 - 4:12pm
J:\CURRENT2006\JILL'S HOUSE\CURRENT\ Opening Schedules.dwg

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN 47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

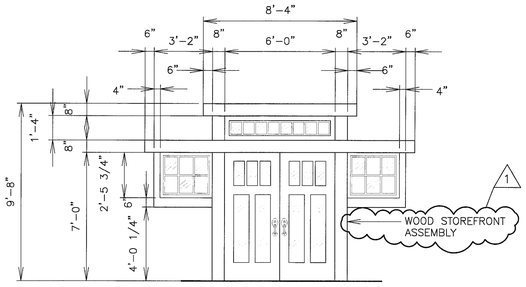
REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

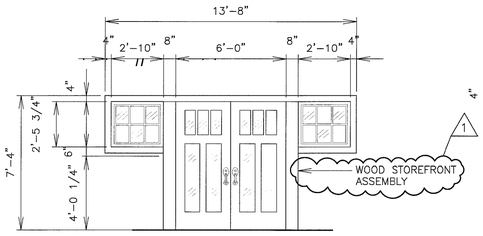
HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

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DATE	12 FEB 2007
DRAWN BY	
CHECKED BY	D. BRUCE
SHEET NAME	OPENING SCHEDULE
SHEET NO.	A32a

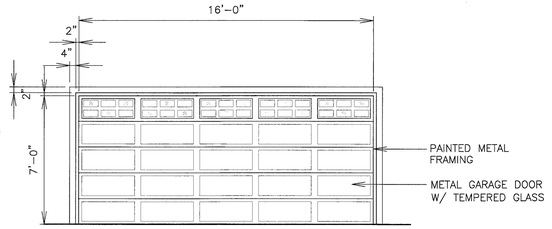
CONSTRUCTION



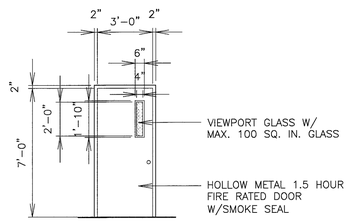
1/146 FRONT ENTRY/AIRLOCK DOOR ELEVATION "A"



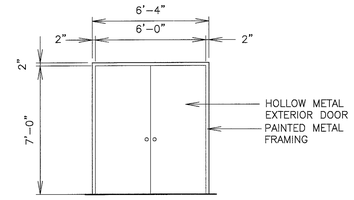
1/147 AIRLOCK/LOBBY DOOR ELEVATION "B"



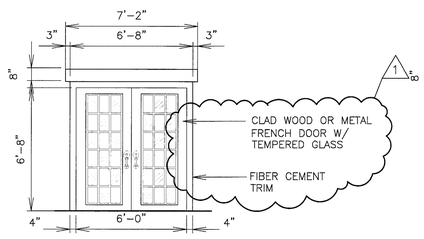
1/010 1/012 GOLF CART GARAGE DOOR ELEVATION "C"



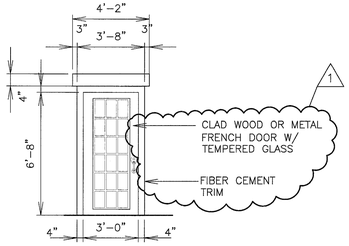
1/005 1/005 1/117 1/118 1/212 1/222 STAIR DOORS ELEVATION "D"



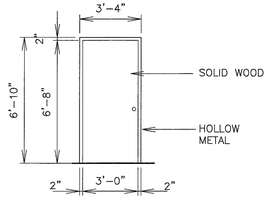
1/011 UNFINISHED BASEMENT EXTERIOR DOOR - ELEVATION "D"



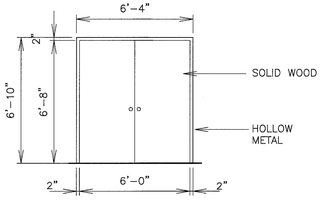
1/130 EXTERIOR DINING ROOM DECK DOOR ELEVATION "E"



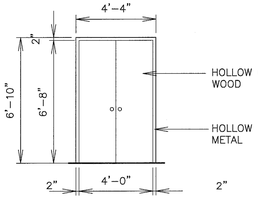
2/110 PLAYROOM DECK DOOR ELEVATION "F"



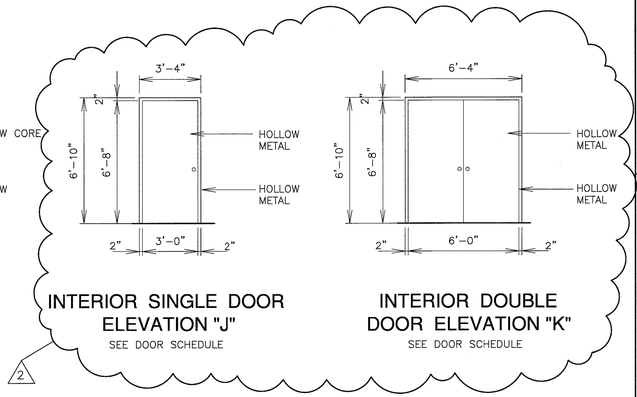
INTERIOR SINGLE DOOR ELEVATION "G"
SEE DOOR SCHEDULE



INTERIOR DOUBLE DOOR ELEVATION "H"
SEE DOOR SCHEDULE



2/147 3/147 INTERIOR DOUBLE DOOR ELEVATION "I"



INTERIOR SINGLE DOOR ELEVATION "J"
SEE DOOR SCHEDULE

INTERIOR DOUBLE DOOR ELEVATION "K"
SEE DOOR SCHEDULE

3 DOOR ELEVATIONS

SCALE: 1/4" = 1'-0"

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS
1 CHANGED NOTES 04 APRIL 07
2 ADDED DOOR ELEVATIONS 04 APRIL 07

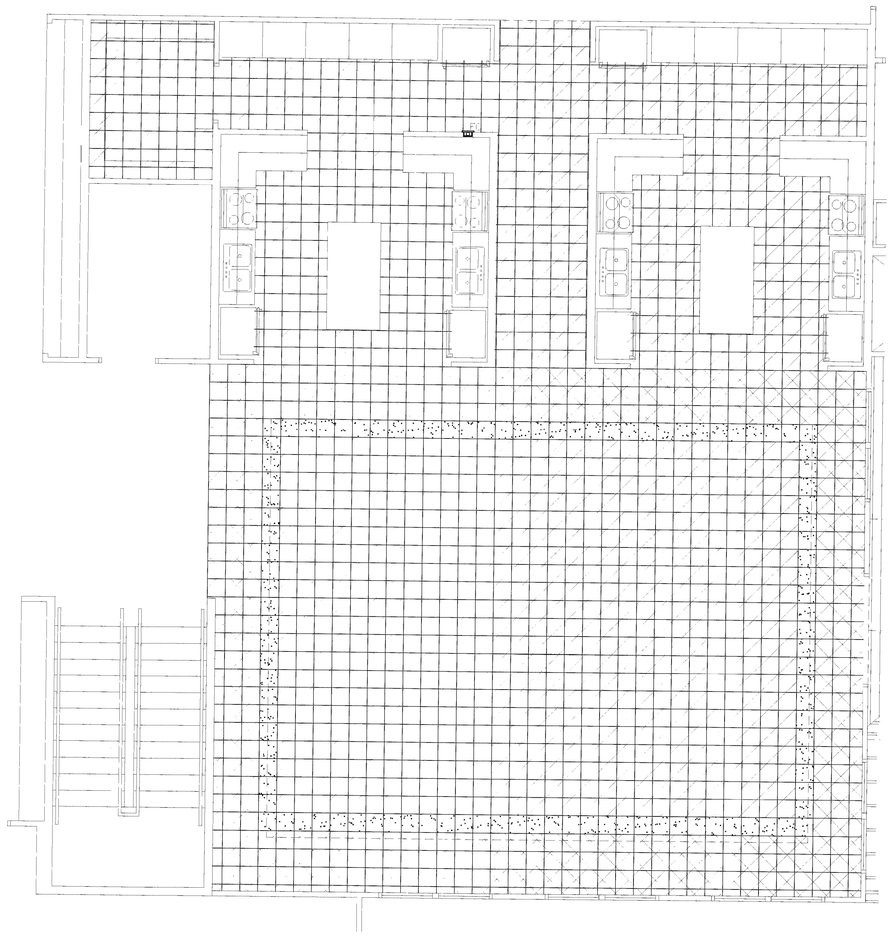
A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

PROJECT NO. 1901
DATE 12 FEB 2007
DRAWN BY
CHECKED BY D. BRUCE
SHEET NAME
ELEVATIONS SCHEDULE
SHEET NO.
RA32b
CONSTRUCTION

Apr 06, 2007 – 2:46pm
J:\CURRENT2006\JILL'S HOUSE\CURRENT\ Opening Schedules.dwg

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1 DINING ROOM FLOOR PATTERN

SCALE: 1/4" = 1'-0"

VCT 1

VCT 2

VCT 3

12" X 12" TILES
VCT LEGEND

Finishes below are for Preliminary Pricing only. Final selections may vary but will be similarly priced.

ROOM FINISH LEGEND

Code	Description	Manufacturer	Color	Number	Pattern	Remarks
FC–1	CARPET	SHAW	TO BE SELECTED			
FC–2	CARPET	SHAW	TO BE SELECTED			
FC–3	CARPET	SHAW	TO BE SELECTED			
CT–1	CERAMIC TILE	SANTAROSSA	TO BE SELECTED			
CT–2	CERAMIC TILE	SANTAROSSA	TO BE SELECTED			
CT–3	CERAMIC TILE	SANTAROSSA	TO BE SELECTED			
VCT–1	VINYL FLOOR TILE	ARMSTRONG STANDARD EXCELON	TO BE SELECTED			
VCT–2	VINYL FLOOR TILE	ARMSTRONG STANDARD EXCELON	TO BE SELECTED			
VCT–3	VINYL FLOOR TILE	ARMSTRONG STANDARD EXCELON	TO BE SELECTED			
VWC–1	VINYL WALL COVERING	D.L. COUCH	TO BE SELECTED			
WF–1	WOOD FLOOR	ARMSTRONG	TO BE SELECTED			COMMERCIAL PREFINISHED
WB–1	WOOD BASE	ARMSTRONG	TO BE SELECTED			COMMERCIAL PREFINISHED
CTB–1	CERAMIC TILE BASE	SANTA ROSA	TO BE SELECTED			
VB–1	VINYL BASE	FLEXCO	TO BE SELECTED			
VB–2	VINYL BASE	FLEXCO	TO BE SELECTED			
P–1	PAINT	MAB	TO BE SELECTED			
P–2	PAINT	MAB	TO BE SELECTED			
P–3	PAINT	MAB	TO BE SELECTED			
CWT–1	CERAMIC WALL TILE	SANTAROSSA	TO BE SELECTED			
PL–1	PLASTIC LAMINATE	WILSONART	TO BE SELECTED			
GYP–1	TEXTURED GYPSUM BOARD	USG	TO BE SELECTED			
GYP–2	2–HR TEXTURED CLG. PANELS	USG	TO BE SELECTED			
ACP–1	ACOUSTICAL CEILING PANELS	ARMSTRONG	TO BE SELECTED			
ACP–2	ACOUSTICAL CEILING PANELS	ARMSTRONG	TO BE SELECTED			
CONC	POURED CONCRETE	–	TO BE SELECTED			
RUBBER	RUBBER STAIR TREAD	FLEXCO	TO BE SELECTED			

2 FINISH LEGEND

NTS

GENERAL FINISH NOTES

A.

B. ALL EXTERIOR ELEMENTS TO BE PAINTED ARE TO RECEIVE PAINT WITH FORMULATION APPROVED FOR EXTERIOR APPLICATION BY IT'S MANUFACTURER

C. PROVIDE OWNER WITH WARRANTY AND MAINTENANCE INFORMATION FOR ALL FINISHES SPECIFIED PRIOR TO COMPLETION OF WORK.

D. PROVIDE 1/4" THICK WOOD UNDERLAYMENT OVER ALL EXISTING SUBFLOOR WHERE VCT TILE IS SPECIFIED

E. ALL GYP. BOARD CEILINGS TO BE PAINTED

F. ALL FINISH INSTALLATION IS TO CONFORM WITH MANUFACTURER'S SPECIFICATIONS.

G. ALL MANUFACTURER'S SPECIFIED SUBFLOOR PREPARATION IS TO OCCUR PRIOR TO ANY FLOORING INSTALLATION.

H. ALL WALL SURFACES ARE TO BE SMOOTH AND EVEN AND TO MATCH ADJACENT SURFACES PRIOR TO PAINTING.

I. CONCRETE SLAB–ON–GRADE IS TO CONFORM WITH FLOORING MANUFACTURER'S ALLOWABLE MOISTURE CONTENT PRIOR TO ANY FLOORING INSTALLATION. PERFORM MOISTURE TESTS AS SPECIFIED BY FLOORING MANUFACTURER.

J. ALL JOINT LINES OF FLOORING ARE TO BE BALANCED WITHIN ROOMS AS SHOWN OR DIMENSIONED ON FINISH PLAN.

K. ALL PAINT IN TOILET ROOMS, RESTROOMS, JANITOR'S CLOSETS, BREAKROOMS, STORAGE ROOMS, AND KITCHEN AREAS TO BE PAINTED WITH SEMI–GLOSS FINISH.

L. PROVIDE 1 CASE OF CARPET TILE, VCT TILE, AND CEILING TILE EXTRA OF EACH COLOR TO THE OWNER FOR ATTIC STOCK.

M. ALL STEEL LINTELS SUPPORTING MASONRY ARE TO BE PRIMER PAINTED WITH RUST INHIBITIVE PRIMER–2 COATS MINIMUM AND TO BE FINISH PAINTED TO MATCH SURROUNDING MASONRY.

N. REFER TO ELECTRICAL PLANS FOR DEVICES MOUNTED ON FLOOR TO INTERFACE WITH FINISHES.

GENERAL NOTES:

– DO NOT SCALE DRAWINGS, DIMENSIONS SHALL PREVAIL. CONTRACTORR SHALL FIELD VERIFY ALL DIMENSIONS RELATED TO THE WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY. IF CONTRACTOR FAILS TO VERIFY DIMENSIONS AS INDICATED, ANY AND ALL CORRECTIVE ACTIONS SHALL BE THE RESPONSABILITY OF THE CONTRACTOR.

– ALL INTERIOR DIMENSIONS ARE SHOWN STUD TO STUD AND DO NOT INCLUDE WALL FINISHES.

– ALL DOOR OPENINGS SHALL BE LOCATED 4" FROM ADJOINING WALL UNLESS NOTED OTHER WISE.

– CONTRACTOR TO VERIFY PLACEMENT OF ANCHOR BOLTS TO ADJOINING MATERIALS PRIOR TO PLACEMENT OF BOLTS AND SHALL PROTECT EXPOSED BOLTS.

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN 47404
TELEPHONE: (812) 332–6258 FACSIMILE: (812) 332–8658

REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE
REGISTERED
NO. AR19900091
STATE OF INDIANA
ARCHITECT

H. Douglas Bruce

PROJECT NO. 1901
DATE 12 FEB 2007
DRAWN BY
CHECKED BY D. BRUCE
SHEET NAME FINISH LEGEND
SHEET NO. A33
CONSTRUCTION

Feb 14, 2007 – 4:15pm
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ROOM FINISH SCHEDULE

ROOM		FLOOR		WALLS				CEILING		
No.	NAME	FLOOR	BASE	NORTH	EAST	SOUTH	WEST	MATERIAL	HEIGHT	REMARKS OR NOTES
001	GARAGE	CONC.	---	CONC.	CONC.	CONC.	CONC.	CONC.		
002	LOBBY BASEMENT	VCT-1	VB-2	CONC.	CONC.	CONC.	CONC.	---		
003	STAIR B	CONC.	---	CONC.	CONC.	CONC.	CONC.	GYP.-2		NOTE 1
004	ELEV. EQUIPMENT	CONC.	---	---	---	---	---	CONC.		
005	STORAGE 11	CONC.	---	---	---	---	---	CONC.		
006	UNFINISH. STORAGE	CONC.	---	---	---	---	---	CONC.		
007	STAIR C	CONC.	---	CONC.	CONC.	CONC.	CONC.	GYP.-2		NOTE 1
008	DUMPSTER	CONC.	---	---	---	---	---	---		
009	MECH. ROOM	CONC.	---	---	---	---	---	CONC.		
010	GOLF CART GARAGE	CONC.	---	---	---	---	---	CONC.		
012	GOLF CART GARAGE	CONC.	---	---	---	---	---	CONC.		
013	ELEC. CLOSET	CONC.	---	---	---	---	---	CONC.		
100	ADA GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
101	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
102	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
103	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
104	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
105	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
106	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
107	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
108	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
109	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
110	PLAYROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
111	LAUNDRY	VCT-2	VB-1	P-1	P-1	P-1	P-1	GYP-1		
112	STORAGE	VCT-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
113	HALLWAY	FC-2	VB-1	P-1	P-1	P-1	P-1	ACP-1	8'-6"	
114	STORAGE	VCT-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
115	STORAGE	VCT-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
116	LOBBY 1st FLOOR	FC-1	VB-1	P-1	P-1	P-1	P-1	ACP-1		
117	STAIR B	CONC.	VB-1	CONC.	CONC.	CONC.	CONC.	GYP.-2		NOTE 1
118	STAIR C	CONC.	VB-1	CONC.	CONC.	CONC.	CONC.	GYP.-2		NOTE 1
119	JANITOR'S CLOSET	VCT-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
120	HALLWAY	FC-2	WOOD TRIM	P-1	P-1	P-1	P-1	GYP-1	8'-6"	
122	BOARD ROOM	FC-3	VB-1	P-1	P-1	P-1	P-1	ACP-1		
123	OFFICE	FC-3	VB-1	P-1	P-1	P-1	P-1	ACP-1		
124	PANTRY 2	VCT-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
125	PANTRY 1	VCT-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
126	STORAGE	VCT-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
127	KITCHENS 3 & 4	VCT-3	VB-1	P-1	P-1	P-1	P-1	GYP-1		
128	KITCHENS 1 & 2	VCT-3	VB-1	P-1	P-1	P-1	P-1	GYP-1		
129	STORAGE	VCT-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
130	DINING ROOM	VCT-1	VB-1	P-1	P-1	P-1	P-1	GYP-1/ACP-1		PATTERN VCT FLOOR - SEE DWG A33-01
131	DECK									
132	STAFF'S ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	ACP-1		
134	STAIR A	VCT-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
135	CHAPEL	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
136	NOT USED									
137	MANAGER'S OFFICE	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
138	NIGHT ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
139	MANAGER'S BATHROOM	VCT-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
140	NOT USED									
141	WOMEN'S BATHROOM	VCT-1	VB-1	P-1	P-1	P-1	P-1	ACP-1	8'-6"	
142	MEN'S BATHROOM	VCT-1	VB-1	P-1	P-1	P-1	P-1	ACP-1	8'-6"	
143	NOT USED									
144	HALLWAY	FC-1	VB-1	P-1	P-1	P-1	P-1	ACP-1	8'-0"	
145	GATHERING ROOM	WF-1	WB-1	P-1	P-1	P-1	P-1	GYP-1	VARIES	

ROOM FINISH SCHEDULE

ROOM		FLOOR		WALLS				CEILING		
No.	NAME	FLOOR	BASE	NORTH	EAST	SOUTH	WEST	MATERIAL	HEIGHT	REMARKS OR NOTES
146	ENTRY	CT-1	CTB-1	P-1	P-1	P-1	P-1	GYP-1		
147	DECK	CONC.	---	---	---	---	---	---		
200	ADA GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
201	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
202	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
203	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
204	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
205	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
206	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
207	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
208	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
209	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
210	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
211	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
212	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
213	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
214	GUEST ROOM	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
215	LIBRARY	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
216	LAUNDRY	VCT-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
217	STAIR C	CONC.	VB-1	CONC.	CONC.	CONC.	CONC.	GYP-2		NOTE 1
218	HALLWAY	FC-2	VB-1	P-1	P-1	P-1	P-1	ACP-1		
219	STORAGE	VCT-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
220	STORAGE	VCT-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
221	LOBBY	FC-2	VB-1	P-1	P-1	P-1	P-1	ACP-1		
222	STAIR B	CONC.	VB-1	CONC.	CONC.	CONC.	CONC.	GYP-2		NOTE 1
223	STORAGE	VCT-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
224	STORAGE	VCT-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
225	HALLWAY	FC-2	VB-1	P-1	P-1	P-1	P-1	ACP-1		
226	LOFT	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
227	STAIR A	FC-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
228	STORAGE	VCT-1	VB-1	P-1	P-1	P-1	P-1	GYP-1		
	BATHROOM 100	VCT-1	VB-1	P-1	P-1	P-1	P-1	ACP-1		
	BATHROOM 101	VCT-1	VB-1	P-1	P-1	P-1	P-1	ACP-1		
	BATHROOM 102	VCT-1	VB-1	P-1	P-1	P-1	P-1	ACP-1		
	BATHROOM 103	VCT-1	VB-1	P-1	P-1	P-1	P-1	ACP-1		
	BATHROOM 104	VCT-1	VB-1	P-1	P-1	P-1	P-1	ACP-1		
	BATHROOM 105	VCT-1	VB-1	P-1	P-1	P-1	P-1	ACP-1		
	BATHROOM 106	VCT-1	VB-1	P-1	P-1	P-1	P-1	ACP-1		
	BATHROOM 107	VCT-1	VB-1	P-1	P-1	P-1	P-1	ACP-1		
	BATHROOM 108	VCT-1	VB-1		P-1	P-1	P-1	ACP-1		
	BATHROOM 109	VCT-1	VB-1		P-1	P-1	P-1	ACP-1		
	BATHROOM 200	VCT-1	VB-1		P-1	P-1	P-1	ACP-1		
	BATHROOM 201	VCT-1	VB-1		P-1	P-1	P-1	ACP-1		
	BATHROOM 202	VCT-1	VB-1		P-1	P-1	P-1	ACP-1		
	BATHROOM 203	VCT-1	VB-1		P-1	P-1	P-1	ACP-1		
	BATHROOM 204	VCT-1	VB-1		P-1	P-1	P-1	ACP-1		
	BATHROOM 205	VCT-1	VB-1		P-1	P-1	P-1	ACP-1		
	BATHROOM 206	VCT-1	VB-1		P-1	P-1	P-1	ACP-1		
	BATHROOM 207	VCT-1	VB-1		P-1	P-1	P-1	ACP-1		
	BATHROOM 208	VCT-1	VB-1		P-1	P-1	P-1	ACP-1		
	BATHROOM 209	VCT-1	VB-1		P-1	P-1	P-1	ACP-1		
	BATHROOM 210	VCT-1	VB-1	P-1	P-1	P-1	P-1	ACP-1		
	BATHROOM 211	VCT-1	VB-1	P-1	P-1	P-1	P-1	ACP-1		
	BATHROOM 212	VCT-1	VB-1	P-1	P-1	P-1	P-1	ACP-1		
	BATHROOM 213	VCT-1	VB-1	P-1	P-1	P-1	P-1	ACP-1		
	BATHROOM 214	VCT-1	VB-1	P-1	P-1	P-1	P-1	ACP-1		

NOTE:

1. FURNISH AND INSTALL NO. 901 UNO-TRED ONE PIECE RUBBER STAIR TREAD AND RISER WITH RAISED DISC PATTERN FROM MUSSON RUBBER; WITH TAPERED 1.08" DISCS, RAISED .02" IN STANDARD LENGTHS OF 36", 42", 48", 54", 60", 72" OR 78". SELECT FROM 25 "200 SERIES" COLORS.
   AT ALL WOOD LANDINGS, FURNISH AND INSTALL NO. 988 UNO-TILE FROM MUSSON RUBBER; .14" THICK, 24" X 24" TILE WITH TAPERED 1.08" RAISED DISC PATTERN. SELECT FROM 25 "200 SERIES" COLORS AS SHOWN.

FINISH LEGEND

1. CONC. SLAB
2. VCT WITH FLEXCO VINYL BASE
3. CARPET TILES AND PAD
4. CONC. PAN FILLED METAL STAIRS
5. TILE

F.D. FLOOR DRAIN

2 FINISH SCHEDULE

NTS

Apr 06, 2007 - 2:47pm
J:\CURRENT2006\JILL'S HOUSE\CURRENT\ Finish Schedule.dwg

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

1 CORRECTED FLOOR BASE 21 MARCH 07 - EP

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408



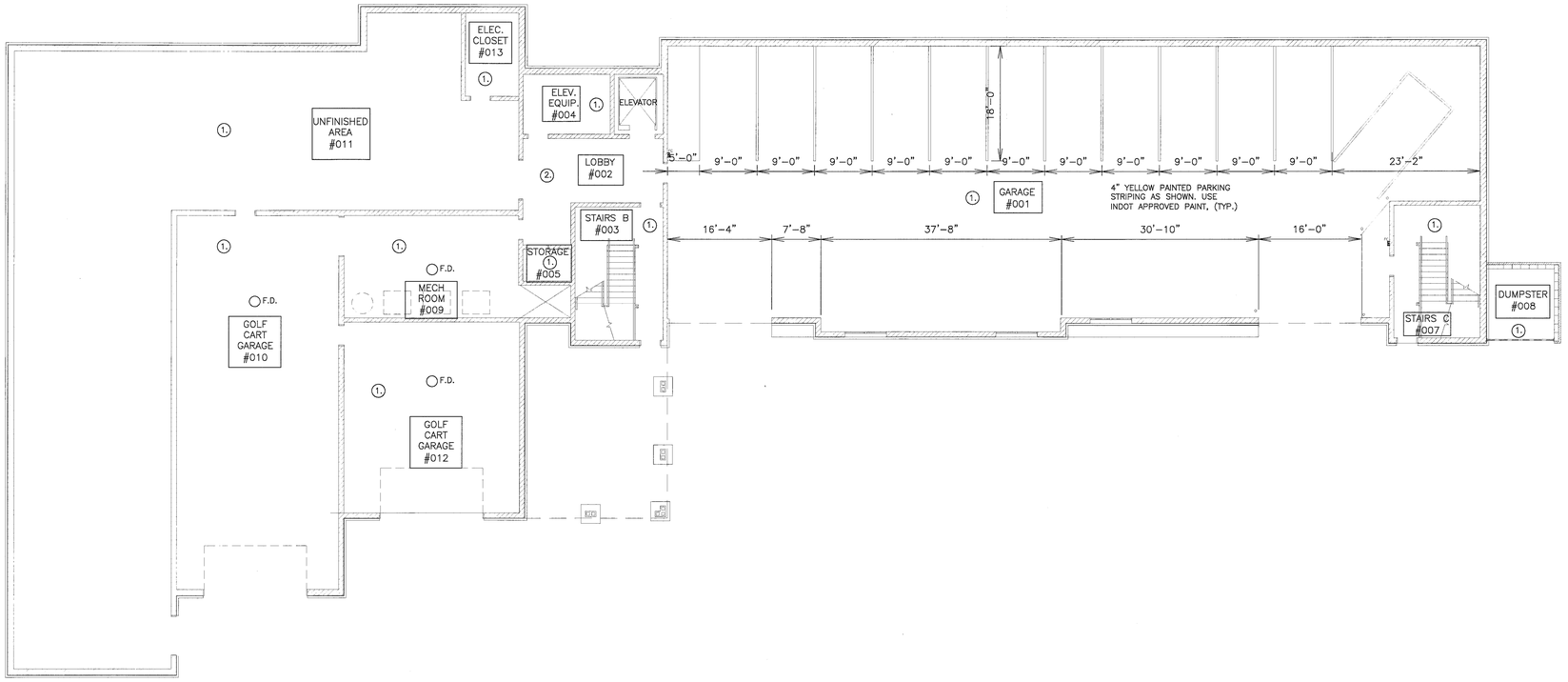
PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	
CHECKED BY	D. BRUCE

SHEET NAME
FINISH SCHEDULE

SHEET NO.
RA34

CONSTRUCTION

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1 OVERALL FINISH FLOOR PLAN - BASEMENT

SCALE:3/32" = 1'-0"

FINISH LEGEND

1. CONC. SLAB
2. VCT WITH FLEXCO VINYL BASE
3. CARPET TILES AND PAD
4. WOOD FRAME STAIRS
5. TILE

F.D. FLOOR DRAIN

GENERAL FINISH NOTES

A. ALL DOORS TO BE STAINED AND SEALED

B. ALL EXTERIOR ELEMENTS TO BE PAINTED ARE TO RECEIVE PAINT WITH FORMULATION APPROVED FOR EXTERIOR APPLICATION BY IT'S MANUFACTURER

C. PROVIDE OWNER WITH WARRANTY AND MAINTENANCE INFORMATION FOR ALL FINISHES SPECIFIED PRIOR TO COMPLETION OF WORK.

D. PROVIDE 1/4" THICK WOOD UNDERLAYMENT OVER ALL EXISTING SUBFLOOR WHERE VCT TILE IS SPECIFIED

E. ALL GYP. BOARD CEILINGS TO BE PAINTED

F. ALL FINISH INSTALLATION IS TO CONFORM WITH MANUFACTURER'S SPECIFICATIONS.

G. PREPARE ALL SUBFLOOR CONDITIONS AS REQUIRED FOR NEW FLOOR FINISHES.

H. ALL WALL SURFACES ARE TO BE SMOOTH AND EVEN AND TO MATCH ADJACENT SURFACES PRIOR TO PAINTING.

GENERAL NOTES:

– DO NOT SCALE DRAWINGS, DIMENSIONS SHALL PREVAIL. CONTRACTORR SHALL FIELD VERIFY ALL DIMENSIONS RELATED TO THE WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY. IF CONTRACTOR FAILS TO VERIFY DIMENSIONS AS INDICATED, ANY AND ALL CORRECTIVE ACTIONS SHALL BE THE RESPONSABILITY OF THE CONTRACTOR.

– ALL INTERIOR DIMENSIONS ARE SHOWN STUD TO STUD AND DO NOT INCLUDE WALL FINISHES.

– ALL DOOR OPENINGS SHALL BE LOCATED 4" FROM ADJOINING WALL UNLESS NOTED OTHER WISE.

– CONTRACTOR TO VERIFY PLACEMENT OF ANCHOR BOLTS TO ADJOINING MATERIALS PRIOR TO PLACEMENT OF BOLTS AND SHALL PROTECT EXPOSED BOLTS.

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

ROLAND DOUGLAS BRUCE
REGISTERED
NO. AR19900009
STATE OF INDIANA
ARCHITECT

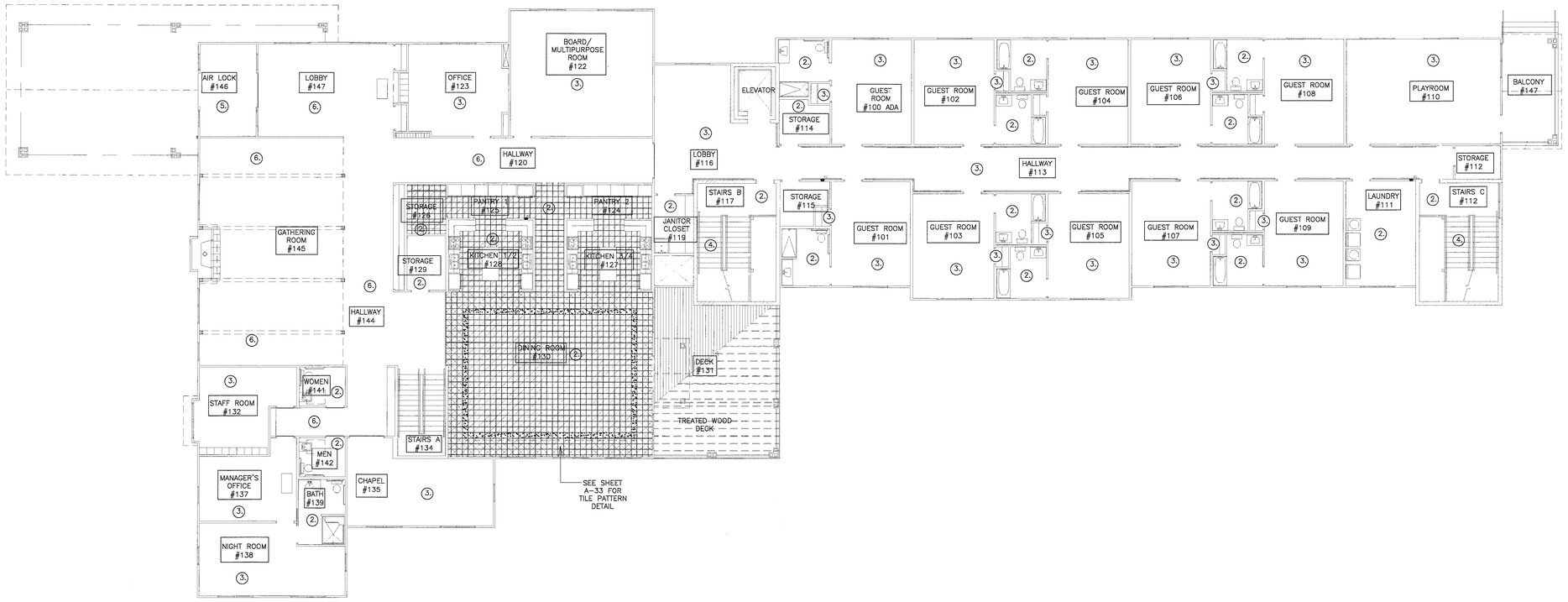
H Daryl Bruce

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	
CHECKED BY	D. BRUCE
SHEET NAME	OVERALL FINISH BASEMENT FLOOR PLAN
SHEET NO.	A35

CONSTRUCTION

Feb 14, 2007 – 4:17pm
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THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION AS "ARCHITECTURAL WORK" UNDER SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.O. AS AMENDED DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION, UNAUTHORIZED USE OF THESE PLANS, WORK OR HOME REPRESENTED, CAN LEGALLY RESULT IN THE CESSATION OF CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY COMPENSATION TO TABOR BRUCE ARCHITECTURE & DESIGN INC.



1 OVERALL FINISH 1st FLOOR PLAN

SCALE:3/32" = 1'-0"

FINISH LEGEND

1. CONC. SLAB
2. VCT WITH FLEXCO VINYL BASE
3. CARPET TILES AND PAD
4. WOOD FRAME STAIRS
5. TILE
6. COMMERCIAL HARDWOOD FLOORING

F.D. FLOOR DRAIN

GENERAL FINISH NOTES

A. ALL DOORS TO BE STAINED AND SEALED

B. ALL EXTERIOR ELEMENTS TO BE PAINTED ARE TO RECEIVE PAINT WITH FORMULATION APPROVED FOR EXTERIOR APPLICATION BY IT'S MANUFACTURER

C. PROVIDE OWNER WITH WARRANTY AND MAINTENANCE INFORMATION FOR ALL FINISHES SPECIFIED PRIOR TO COMPLETION OF WORK.

D. PROVIDE 1/4" THICK WOOD UNDERLAYMENT OVER ALL EXISTING SUBFLOOR WHERE VCT TILE IS SPECIFIED

E. ALL GYP. BOARD CEILINGS TO BE PAINTED

F. ALL FINISH INSTALLATION IS TO CONFORM WITH MANUFACTURER'S SPECIFICATIONS.

G. PREPARE ALL SUBFLOOR CONDITIONS AS REQUIRED FOR NEW FLOOR FINISHES.

H. ALL WALL SURFACES ARE TO BE SMOOTH AND EVEN AND TO MATCH ADJACENT SURFACES PRIOR TO PAINTING.

I. PROVIDE TRANSITION STRIPS AS NEEDED

GENERAL NOTES:

– DO NOT SCALE DRAWINGS, DIMENSIONS SHALL PREVAIL. CONTRACTORR SHALL FIELD VERIFY ALL DIMENSIONS RELATED TO THE WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY. IF CONTRACTOR FAILS TO VERIFY DIMENSIONS AS INDICATED, ANY AND ALL CORRECTIVE ACTIONS SHALL BE THE RESPONSABILITY OF THE CONTRACTOR.

– ALL INTERIOR DIMENSIONS ARE SHOWN STUD TO STUD AND DO NOT INCLUDE WALL FINISHES.

– ALL DOOR OPENINGS SHALL BE LOCATED 4" FROM ADJOINING WALL UNLESS NOTED OTHER WISE.

– CONTRACTOR TO VERIFY PLACEMENT OF ANCHOR BOLTS TO ADJOINING MATERIALS PRIOR TO PLACEMENT OF BOLTS AND SHALL PROTECT EXPOSED BOLTS.

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET – BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE III REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

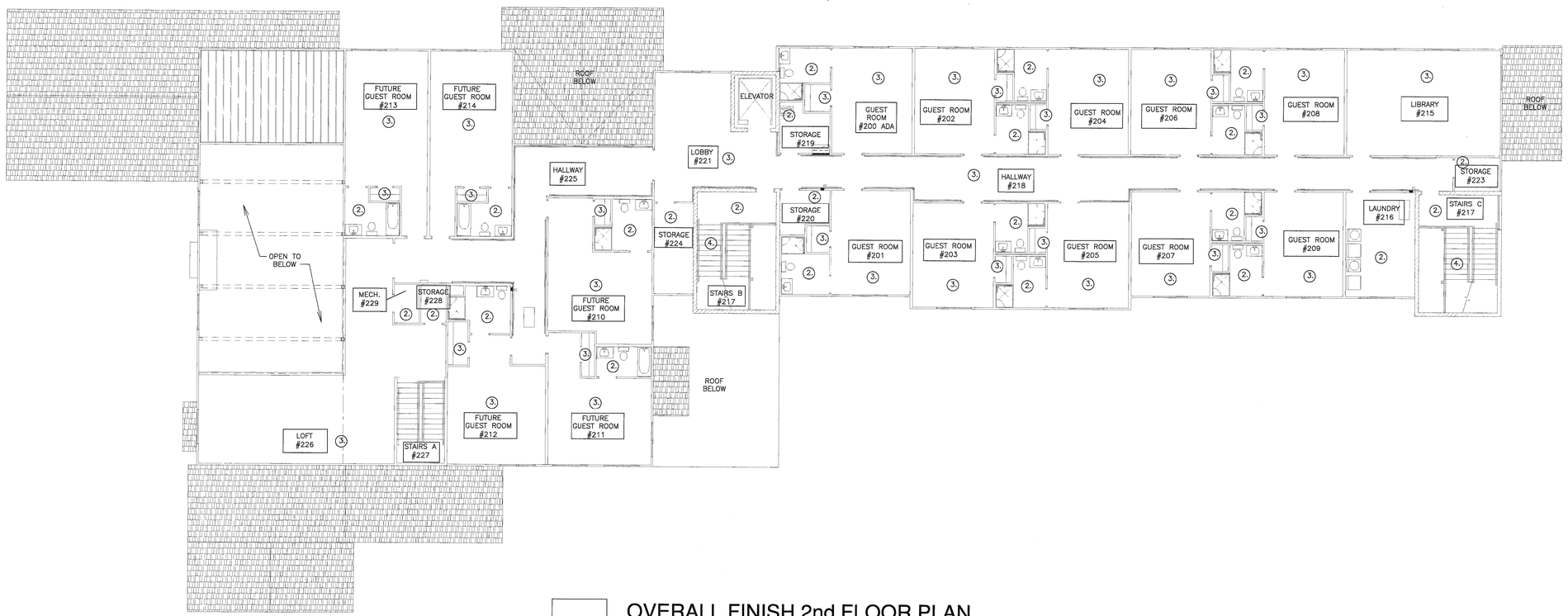
H. Doug Bruce

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	
CHECKED BY	D. BRUCE
SHEET NAME	OVERALL FINISH FIRST FLOOR PLAN
SHEET NO.	A36

CONSTRUCTION

Feb 14, 2007 – 4:18pm
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1 OVERALL FINISH 2nd FLOOR PLAN

SCALE:3/32" = 1'-0"

FINISH LEGEND

1. CONC. SLAB
2. VCT WITH FLEXCO VINYL BASE
3. CARPET TILES AND PAD
4. WOOD FRAME STAIRS
5. TILE

F.D. FLOOR DRAIN

GENERAL FINISH NOTES

A. ALL DOORS TO BE STAINED AND SEALED

B. ALL EXTERIOR ELEMENTS TO BE PAINTED ARE TO RECEIVE PAINT WITH FORMULATION APPROVED FOR EXTERIOR APPLICATION BY IT'S MANUFACTURER

C. PROVIDE OWNER WITH WARRANTY AND MAINTENANCE INFORMATION FOR ALL FINISHES SPECIFIED PRIOR TO COMPLETION OF WORK.

D. PROVIDE 1/4" THICK WOOD UNDERLAYMENT OVER ALL EXISTING SUBFLOOR WHERE VCT TILE IS SPECIFIED

E. ALL GYP. BOARD CEILINGS TO BE PAINTED

F. ALL FINISH INSTALLATION IS TO CONFORM WITH MANUFACTURER'S SPECIFICATIONS.

G. PREPARE ALL SUBFLOOR CONDITIONS AS REQUIRED FOR NEW FLOOR FINISHES.

H. ALL WALL SURFACES ARE TO BE SMOOTH AND EVEN AND TO MATCH ADJACENT SURFACES PRIOR TO PAINTING.

GENERAL NOTES:

– DO NOT SCALE DRAWINGS, DIMENSIONS SHALL PREVAIL. CONTRACTORR SHALL FIELD VERIFY ALL DIMENSIONS RELATED TO THE WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY. IF CONTRACTOR FAILS TO VERIFY DIMENSIONS AS INDICATED, ANY AND ALL CORRECTIVE ACTIONS SHALL BE THE RESPONSABILITY OF THE CONTRACTOR.

– ALL INTERIOR DIMENSIONS ARE SHOWN STUD TO STUD AND DO NOT INCLUDE WALL FINISHES.

– ALL DOOR OPENINGS SHALL BE LOCATED 4" FROM ADJOINING WALL UNLESS NOTED OTHER WISE.

– CONTRACTOR TO VERIFY PLACEMENT OF ANCHOR BOLTS TO ADJOINING MATERIALS PRIOR TO PLACEMENT OF BOLTS AND SHALL PROTECT EXPOSED BOLTS.

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BLOOMINGTON, INDIANA 47408

DONALD DOUGLAS BRUCE
REGISTERED
NO. AR19900009
STATE OF INDIANA
ARCHITECT

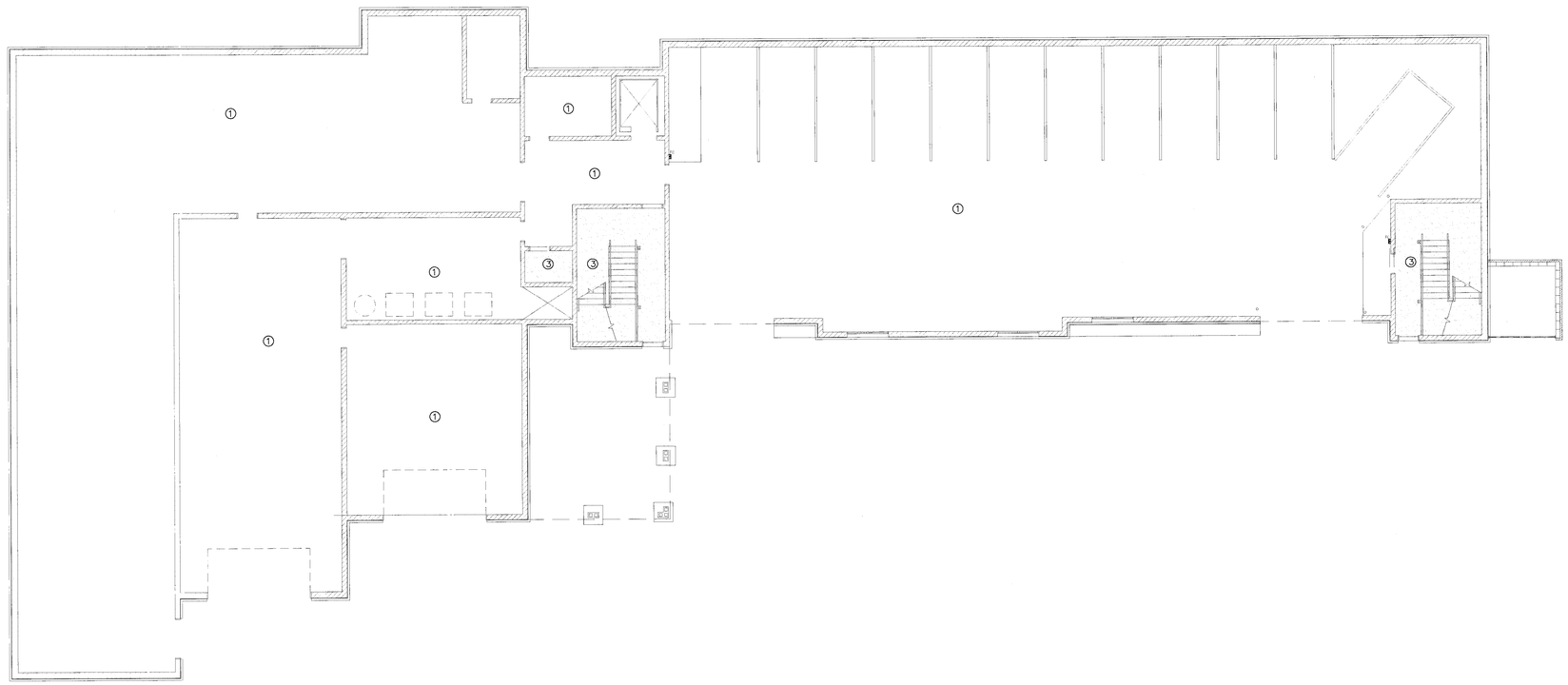
PROJECT NO.	1901
DATE	12 FEB 2007
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CHECKED BY	D. BRUCE

SHEET NAME
OVERALL FINISH SECOND FLOOR PLAN

SHEET NO.
A37

CONSTRUCTION

Feb 14, 2007 – 4:19pm
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1 REFLECTED CEILING - BASEMENT

SCALE:3/32" = 1'-0"

FINISH PLAN NOTES:

① CONC. SLAB – UNPAINTED

② 2X4 LAY–IN CEILING

③ 2 LAYERS 5/8" TYPE 'X' GYP. BOARD CEILING – TEXTURED

GENERAL NOTES:

A. ALL DIMENSIONS SHOW ON REFLECTED CEILING PLAN ARE FROM FACE OF WALL STRUCTURE UNLESS NOTED OTHERWISE

B. THE REFERENCE HEIGHTS INDICATED ON PLAN ARE FROM APPROXIMATE FINISH FLOOR (A.F.F.)

C. CONTRACTOR SHALL VERIFY FIXTURE QUANTITIES AND ALSO MAKE PROPER ADJUSTMENTS FOR ANY CHANGES IN PLAN DUE TO ADDITIONAL REQUIREMENTS, LOCAL CODES, ETC.

D. FOR H.V.A.C. PLAN, SECTIONS, DUCT LOCATIONS, SUPPLY AND RETURN AIR GRILLE SIZES AND ADDITIONAL INFORMATION SEE SHEET XX–XX.

E. ALL FIXTURES SHALL BE LOCATED IN CENTER OF CEILING TILES UNLESS OTHERWISE NOTED.

F. SEE SHEET XX–XX FOR LIGHTING LAYOUT REQUIREMENTS AND ADDITIONAL INFORMATION.

G. FOR FINISH SPECIFICATIONS, REFER TO FINISH SCHEDULE ON SHEET XX–XX.

H. REFER TO ELECTRICAL DRAWINGS FOR LOCATION OF OTHER DEVICES THAT MAY BE CEILING MOUNTED, SUCH AS EXIT LIGHTS, EMERGENCY LIGHTS, ETC.

I. REFER TO FLOOR PLAN FOR ADDITIONAL NOTES, INFORMATION AND SYMBOLS.

J. REFER TO ELECTRICAL DRAWINGS FOR LOCATION OF CEILING MOUNTED FIRE ALARM EQUIPMENT.

K. REFER TO ELECTRICAL AND HVAC DRAWINGS FOR EXACT QUANTITIES OF CEILING MOUNTED EQUIPMENT AND DEVICES.

L. VERIFY LOCATION OF ALL ABOVE CEILING HVAC UNITS AND PROVIDE REMOVABLE GRID SYSTEM AS REQUIRED FOR MAINTENANCE OF HVAC UNITS. COORDINATE WITH HVAC CONTRACTOR.

REFLECTED CEILING PLAN LEGEND

2 X 2 HVAC AIR RETURN GRILLE – SEE HVAC PLAN

RECESSED LIGHT FIXTURE – SEE LIGHTING PLAN CENTER WITHIN CEILING UNLESS OTHERWISE NOTED

2 X 2 HVAC AIR SUPPLY GRILLE – SEE HVAC PLAN

2 X 4 RECESSED FLUORESCENT LIGHT FIXTURE – SEE LIGHTING PLAN

WALL MOUNTED LIGHT FIXTURE

8'–6" FINISHED CEILING HEIGHT

2 X 4 SUSPENDED GRID SYSTEM

5/8" GYP. DRYWALL CEILING

TABOR BRUCE ARCHITECTURE & DESIGN
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REVISIONS

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BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT

H. Davis Bruce

PROJECT NO. 1901

DATE 12 FEB 2007

DRAWN BY

CHECKED BY D. BRUCE

SHEET NAME
REFLECTED CEILING & FURNISHING

SHEET NO.
A38

CONSTRUCTION

Feb 14, 2007 – 4:23pm
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1 REFLECTED CEILING - FIRST FLOOR

SCALE:3/32" = 1'-0"

FINISH PLAN NOTES:

① CONC. SLAB – UNPAINTED

② 2X4 LAY–IN CEILING

③ 2 LAYERS 5/8" TYPE 'X' GYP. BOARD CEILING – TEXTURED

GENERAL NOTES:

A. ALL DIMENSIONS SHOW ON REFLECTED CEILING PLAN ARE FROM FACE OF WALL STRUCTURE UNLESS NOTED OTHERWISE

B. THE REFERENCE HEIGHTS INDICATED ON PLAN ARE FROM APPROXIMATE FINISH FLOOR (A.F.F.)

C. CONTRACTOR SHALL VERIFY FIXTURE QUANTITIES AND ALSO MAKE PROPER ADJUSTMENTS FOR ANY CHANGES IN PLAN DUE TO ADDITIONAL REQUIREMENTS, LOCAL CODES, ETC.

D. FOR H.V.A.C. PLAN, SECTIONS, DUCT LOCATIONS, SUPPLY AND RETURN AIR GRILLE SIZES AND ADDITIONAL INFORMATION SEE SHEET XX–XX.

E. ALL FIXTURES SHALL BE LOCATED IN CENTER OF CEILING TILES UNLESS OTHERWISE NOTED.

F. SEE SHEET XX–XX FOR LIGHTING LAYOUT REQUIREMENTS AND ADDITIONAL INFORMATION.

G. FOR FINISH SPECIFICATIONS, REFER TO FINISH SCHEDULE ON SHEET XX–XX.

H. REFER TO ELECTRICAL DRAWINGS FOR LOCATION OF OTHER DEVICES THAT MAY BE CEILING MOUNTED, SUCH AS EXIT LIGHTS, EMERGENCY LIGHTS, ETC.

I. REFER TO FLOOR PLAN FOR ADDITIONAL NOTES, INFORMATION AND SYMBOLS.

J. REFER TO ELECTRICAL DRAWINGS FOR LOCATION OF CEILING MOUNTED FIRE ALARM EQUIPMENT.

K. REFER TO ELECTRICAL AND HVAC DRAWINGS FOR EXACT QUANTITIES OF CEILING MOUNTED EQUIPMENT AND DEVICES.

L. VERIFY LOCATION OF ALL ABOVE CEILING HVAC UNITS AND PROVIDE REMOVABLE GRID SYSTEM AS REQUIRED FOR MAINTENANCE OF HVAC UNITS. COORDINATE WITH HVAC CONTRACTOR.

REFLECTED CEILING PLAN LEGEND

2 X 2 HVAC AIR RETURN GRILLE – SEE HVAC PLAN

RECESSED LIGHT FIXTURE – SEE LIGHTING PLAN CENTER WITHIN CEILING UNLESS OTHERWISE NOTED

2 X 2 HVAC AIR SUPPLY GRILLE – SEE HVAC PLAN

2 X 4 RECESSED FLUORESCENT LIGHT FIXTURE – SEE LIGHTING PLAN

WALL MOUNTED LIGHT FIXTURE

8'–6" FINISHED CEILING HEIGHT

2 X 4 SUSPENDED GRID SYSTEM

5/8" GYP. DRYWALL CEILING

TABOR BRUCE ARCHITECTURE & DESIGN
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REVISIONS

A FACILITY FOR:
JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900009 STATE OF INDIANA ARCHITECT
H Doug Bruce

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	
CHECKED BY	D. BRUCE

SHEET NAME
REFLECTED CEILING & FURNISHING

SHEET NO.
A39

CONSTRUCTION

Feb 14, 2007 – 4:22pm
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1 REFLECTED CEILING - SECOND FLOOR

SCALE:3/32" = 1'-0"

GENERAL NOTES:

A. ALL DIMENSIONS SHOW ON REFLECTED CEILING PLAN ARE FROM FACE OF WALL STRUCTURE UNLESS NOTED OTHERWISE

B. THE REFERENCE HEIGHTS INDICATED ON PLAN ARE FROM APPROXIMATE FINISH FLOOR (A.F.F.)

C. CONTRACTOR SHALL VERIFY FIXTURE QUANTITIES AND ALSO MAKE PROPER ADJUSTMENTS FOR ANY CHANGES IN PLAN DUE TO ADDITIONAL REQUIREMENTS, LOCAL CODES, ETC.

D. FOR H.V.A.C. PLAN, SECTIONS, DUCT LOCATIONS, SUPPLY AND RETURN AIR GRILLE SIZES AND ADDITIONAL INFORMATION SEE SHEET XX-XX.

E. ALL FIXTURES SHALL BE LOCATED IN CENTER OF CEILING TILES UNLESS OTHERWISE NOTED.

F. SEE SHEET XX-XX FOR LIGHTING LAYOUT REQUIREMENTS AND ADDITIONAL INFORMATION.

G. FOR FINISH SPECIFICATIONS, REFER TO FINISH SCHEDULE ON SHEET XX-XX.

H. REFER TO ELECTRICAL DRAWINGS FOR LOCATION OF OTHER DEVICES THAT MAY BE CEILING MOUNTED, SUCH AS EXIT LIGHTS, EMERGENCY LIGHTS, ETC.

I. REFER TO FLOOR PLAN FOR ADDITIONAL NOTES, INFORMATION AND SYMBOLS.

J. REFER TO ELECTRICAL DRAWINGS FOR LOCATION OF CEILING MOUNTED FIRE ALARM EQUIPMENT.

K. REFER TO ELECTRICAL AND HVAC DRAWINGS FOR EXACT QUANTITIES OF CEILING MOUNTED EQUIPMENT AND DEVICES.

L. VERIFY LOCATION OF ALL ABOVE CEILING HVAC UNITS AND PROVIDE REMOVABLE GRID SYSTEM AS REQUIRED FOR MAINTENANCE OF HVAC UNITS. COORDINATE WITH HVAC CONTRACTOR.

FINISH PLAN NOTES:

① CONC. SLAB – UNPAINTED

② 2X4 LAY-IN CEILING

③ 2 LAYERS 5/8" TYPE 'X' GYP. BOARD CEILING – TEXTURED

REFLECTED CEILING PLAN LEGEND

- 2 X 2 HVAC AIR RETURN GRILLE – SEE HVAC PLAN
- RECESSED LIGHT FIXTURE – SEE LIGHTING PLAN CENTER WITHIN CEILING UNLESS OTHERWISE NOTED
- 2 X 2 HVAC AIR SUPPLY GRILLE – SEE HVAC PLAN
- 2 X 4 RECESSED FLUORESCENT LIGHT FIXTURE – SEE LIGHTING PLAN
- WALL MOUNTED LIGHT FIXTURE
- 8'-6" — 2 X 4 SUSPENDED GRID SYSTEM
- FINISHED CEILING HEIGHT
- 5/8" GYP. DRYWALL CEILING

TABOR BRUCE ARCHITECTURE & DESIGN
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REVISIONS

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JILL'S HOUSE
751 EAST TAMARACK TRAIL
BLOOMINGTON, INDIANA 47408

HOWARD DOUGLAS BRUCE REGISTERED NO. AR19900093 STATE OF INDIANA ARCHITECT
H Doug Bruce

PROJECT NO.	1901
DATE	12 FEB 2007
DRAWN BY	
CHECKED BY	D. BRUCE

SHEET NAME: REFLECTED CEILING & FURNISHING

SHEET NO. A40

CONSTRUCTION

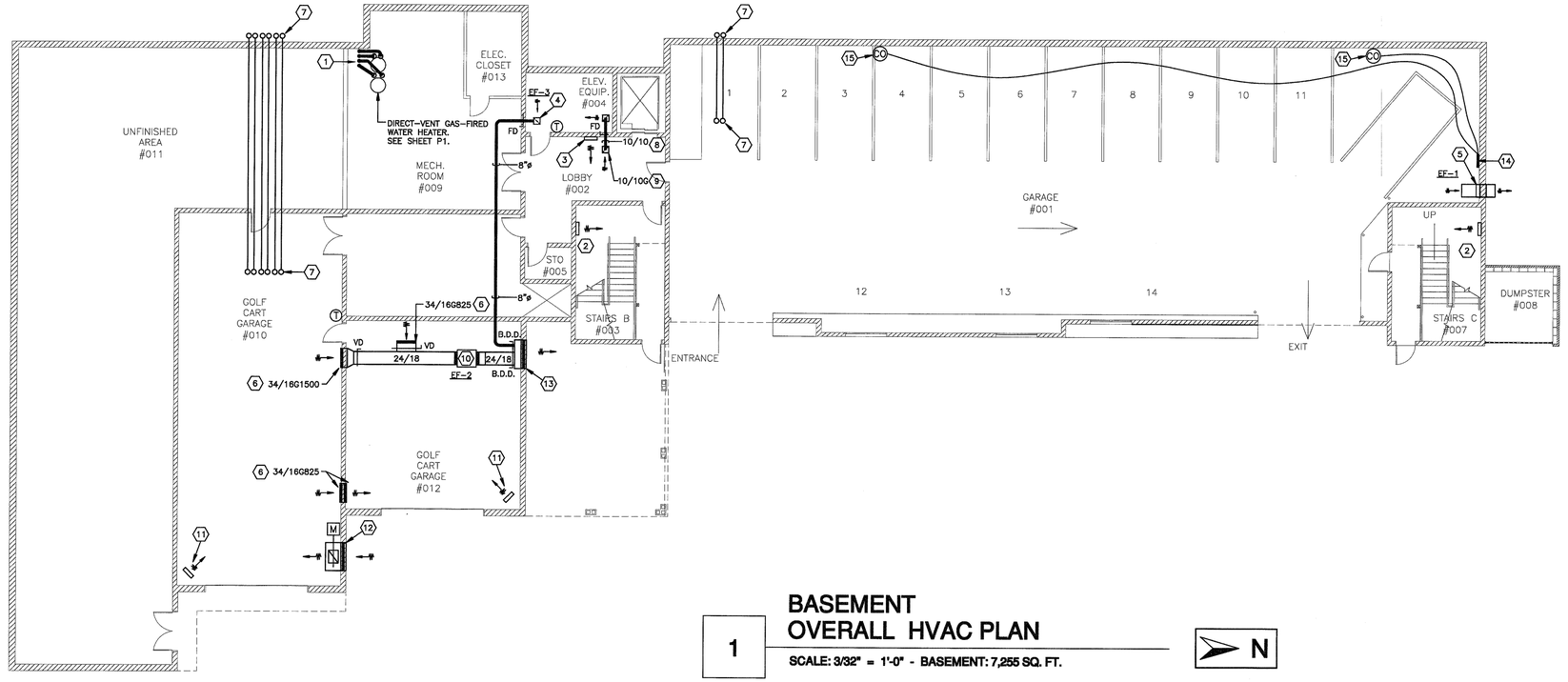
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PLAN NOTES

1. DOMESTIC WATER HEATERS: (2) – 4"ø FLUE VENTS AND (2) – 4"ø COMBUSTION AIR VENTS FROM LOWER LEVEL MECHANICAL ROOM ROUTED UP THRU FLOOR IN CHASE ON FIRST FLOOR. SEE SHEET M2 FOR CONTINUATION.
2. 4kW ELECTRIC WALL HEATER BY E.C.
3. 2kW ELECTRIC WALL HEATER BY E.C.
4. EF–3: PROVIDE CEILING EXHAUST FAN CONTROLLED BY THERMOSTAT ON WALL LIKE GREENHECK MODEL SPA–290, 250 CFM, 0.20" SP., 997 RPM, 1,762 T.S., 81 WATTS, 120V/1PH, 21 LBS, 2.9 SONES. FAN TO TURN ON AT 80° (ADJ.) AND TURN OFF BELOW 80°.
5. EF–1: PROVIDE SIDEWALL PROPELLER EXHAUST FAN WITH HOUSING AND WEATHERHOOD LIKE GREENHECK MODEL SBE–1L36, 8,250 CFM @ 0.125" S.P., 391RPM, 3,685 T.S., 1/2 HP MOTOR, 120V/1PH, BELT DRIVE, 11.5 SONES, APPROX. 110 LBS. FAN CONTROLLED BY CARBON MONOXIDE FAN CONTROLLER LOCATED IN GARAGE. SEE DETAIL E/M4.
6. SIDEWALL RETURN GRILLES LIKE RD–2. SEE SCHEDULE ON M4.
7. REFRIGERANT PIPING FROM HEAT PUMP UNITS ON GRADE; LINES ROUTE ACROSS LOWER LEVEL CEILING AND UP TO FIRST FLOOR WALL ABOVE. CONTRACTOR TO COORDINATE WITH STRUCTURE AS REQUIRED. SEE FIRST FLOOR PLAN ON SHEET M2.
8. TYPICAL LINED JUMPER DUCT. SEE DETAIL D/M4.
9. TYPICAL EGGCRATE RETURN AIR GRILLE LIKE RG–1. SEE SCHEDULE ON M4.
10. EF–2: IN–LINE EXHAUST FAN LIKE GREENHECK MODEL BCF–110, 2,325 CFM, 0.50" SP, 1,192 RPM, 3,082 T.S., 1 HP MOTOR, 120V/1PH, 265 LBS., 13.5 SONES. CONTROLLED BY WALL SWITCH. PROVIDE SPEED CONTROLLER FOR BALANCING.
11. 10 KW ELECTRIC PROP UNIT HEATER BY E.C.
12. 54/24 INTAKE LOUVER WITH 3.75 SQ. FT. FREE AREA. PROVIDE PLENUM ATTACHED FOR DUCT CONNECTION AS SHOWN. PROVIDE 24/18 OPENING WITH MOTORIZED DAMPER IN TOP OF PLENUM. EXTERNALLY INSULATE PLENUM AND DUCT. INTERLOCK MOTORIZED DAMPER TO OPEN WHEN EXHAUST FAN EF–2 OPERATES. SEE DETAIL C/M4.
13. 54/24 EXHAUST LOUVER WITH 3.75 SQ. FT. FREE AREA. PROVIDE PLENUM ATTACHED FOR DUCT CONNECTION AS SHOWN. PROVIDE BACK DRAFT DAMPER AS REQUIRED. EXTERNALLY INSULATE PLENUM AND DUCT PAST DAMPER. SEE DETAIL 1C/M4.
14. WALL–MOUNTED CARBON MONOXIDE EXHAUST FAN CONTROLLER, LIKE MACURCO, INC. MODEL SS103–3A, 120V/1PH. CONTROLLER SHALL BE CONFIGURED TO START EXHAUST FAN EF–1 WHEN CO LEVEL EXCEEDS 40 PPM FOR 5 MINUTES.
15. WALL–MOUNTED CARBON MONOXIDE (CO) SENSOR, MOUNT +/– 54" A.F.F. SENSOR SHALL BE FURNISHED WITH EXHAUST FAN CONTROLLER; LIKE MACURCO, INC. MODEL SS102HC–1. PROVIDE LOW VOLTAGE WIRING BETWEEN EXHAUST FAN CONTROLLER AND CO SENSOR.

GENERAL NOTES

1. THESE NOTES APPLY TO ALL MECHANICAL SHEETS.
2. CONTRACTOR SHALL PROVIDE ALL CONTROL AND INTERLOCK WIRING COMPLETE FOR THIS PROJECT.
3. COORDINATE INSTALLATION OF WORK WITH ALL OTHER TRADES AND CONDITIONS AS REQUIRED FOR A COMPLETE AND OPERABLE HVAC SYSTEM. CLEARANCES ABOVE CEILINGS ARE EXTREMELY TIGHT IN CERTAIN AREAS.
4. COORDINATE ALL OPENINGS THROUGH NEW WALL AND FLOOR CONSTRUCTION WITH GENERAL TRADES.
5. ALL DUCTWORK SHALL BE FABRICATED SHEET METAL, CONSTRUCTED IN ACCORDANCE WITH "SMACNA" STANDARDS.
6. MECHANICAL CONTRACTOR SHALL REVIEW RETURN AIR PATH BACK TO ALL HVAC EQUIPMENT. PROVIDE RETURN AIR OPENINGS AND/OR TRANSFER DUCTS IN WALLS ABOVE THE CEILING WHERE REQUIRED. COORDINATE WITH GENERAL TRADES. VELOCITY THRU R.A. OPENINGS SHALL NOT EXCEED 500 FPM. REFERENCE ARCHITECTURAL DRAWINGS FOR WALL EXTENDING TO DECK.
7. MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL EQUIPMENT AND DUCTWORK WITH THE CEILING SYSTEM AND LIGHT FIXTURES. REFERENCE REFLECTED CEILING PLANS AND ELECTRICAL LIGHTING PLANS.
8. CONTRACTOR SHALL COORDINATE ROUTING OF DUCTWORK, PIPING AND EQUIPMENT WITH ALL OTHER TRADES.
9. PROVIDE 45°/90° FITTING WITH VOLUME DAMPER LIKE FLEXMASTER MODEL STO AT ALL SUPPLY AIR BRANCH DUCTWORK TAKEOFFS.
10. MECHANICAL CONTRACTOR SHALL COORDINATE LOCATIONS OF ALL GRILLES, REGISTERS AND DIFFUSERS IN CEILINGS WITH THE CEILING SYSTEM AND LIGHT FIXTURES. REFERENCE REFLECTED CEILING PLANS AND ELECTRICAL LIGHTING PLANS. PROVIDE FLEXIBLE DUCT UPSTREAM OF EACH DIFFUSER WHERE SHOWN.
11. PROVIDE VOLUME DAMPERS IN ALL SUPPLY AIR BRANCH DUCTWORK AS REQUIRED TO BALANCE EACH SYSTEM. ALL VOLUME DAMPERS LOCATED ABOVE DRYWALL CEILINGS SHALL BE CABLE OPERATED WITH REMOTE REGULATOR LIKE YOUNG REGULATOR. REFERENCE ARCH. REFLECTED CEILING PLANS FOR DRYWALL CEILINGS. COORDINATE LOCATION OF ALL DAMPERS WITH AIR BALANCE CONTRACTOR.
12. ROUND DUCT SIZE TO BE THE SAME SIZE AS THE DIFFUSER INLET NECK, UNLESS OTHERWISE NOTED.
13. MAXIMUM LENGTH OF FLEXIBLE DUCTWORK SHALL BE 5'–0"
14. LOW PRESSURE RECTANGULAR SUPPLY AND RETURN AIR DUCTWORK SHALL BE INTERNALLY INSULATED. DUCT SIZE SHOWN INDICATES ACTUAL FREE AREA. ROUND SUPPLY AND RETURN AIR DUCTWORK SHALL BE EXTERNALLY INSULATED. OUTSIDE AIR DUCTWORK SHALL BE EXTERNALLY INSULATED. SEE SPECIFICATION FOR ADDITIONAL INSULATION REQUIREMENTS.
15. TRANSFER AIR DUCTS SHALL BE INTERNALLY LINED WITH INSULATION TO DETER NOISE TRANSFER. SIZE SHOWN ON PLAN INDICATES ACTUAL FREE AREA.
16. SQUARE DIFFUSERS ARE 4–WAY BLOW UNLESS NOTED OTHERWISE.
17. WIRING TO THERMOSTATS SHALL BE CONCEALED WITHIN THE WALL.
18. DUCTWORK SHALL BE LOCATED IN THE CEILING PLENUM (ABOVE LAY–IN CEILING AND BELOW GYPSUM BOARD ON BOTTOM SIDE OF ROOF TRUSS SYSTEM) UNLESS NOTED OTHERWISE.



1 BASEMENT OVERALL HVAC PLAN

SCALE: 3/32" = 1'-0" - BASEMENT: 7,255 SQ. FT.

N

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A Facility for:
JILL'S HOUSE
751 East Tamarack Trail
BLOOMINGTON, INDIANA 47408

△ REVISIONS

MIKEL C. ROBINSON
REGISTERED
No. 18666
STATE OF INDIANA
PROFESSIONAL ENGINEER

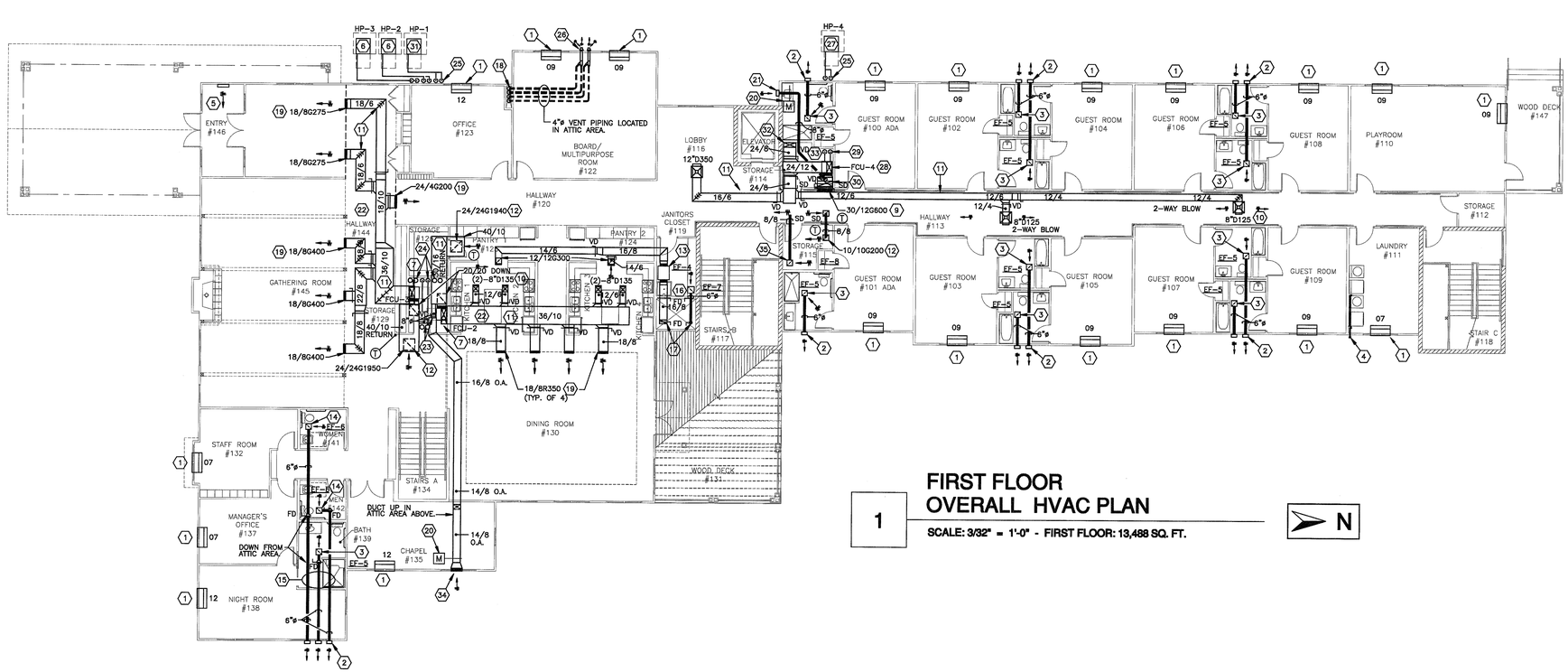
PROJECT NO.	F&G #06070
DATE	02–23–07
DRAWN BY	TCC
CHECKED BY	BAT
SHEET NAME	BASEMENT OVERALL HVAC PLAN
SHEET NO.	M1

02-23-07 100% C.D. ISSUE

Feb 23, 2007 – 8:45am
Q:\06070 Jill's House\06070.30 Design\HVAC\Construction Documents\ Mechanical Floor Plans.dwg

PLAN NOTES

1. TYPICAL THRU-WALL PTAC UNIT (HEAT PUMP WITH AUXILIARY ELECTRIC HEAT). SEE SCHEDULE ON SHEET M4.
2. HOODED WALL CAP LIKE GREENHECK MODEL WC-6 WITH INTEGRAL BACKDRAFT DAMPER AND BIRDSCREEN.
3. EF-5: CEILING EXHAUST FAN WITH GRILLE-MOUNTED MOTION DETECTOR LIKE GREENHECK MODEL SP-B150, 150 CFM, 0.25" S.P., 1,050 RPM, 129 WATTS, 3.7 SONES.
4. (2) – 4"ø DRYER VENTS TO EXTERIOR WALL.
5. 2kW ELECTRIC WALL HEATER BY E.C.
6. 5 TON HEAT PUMP UNITS WITH LOW AMBIENT CONTROLS ON GRADE. SEE SCHEDULE ON SHEET M4.
7. 5 TON FAN COIL UNIT WITH ELECTRIC HEAT. ROUTE CONDENSATE DRAIN TO NEAREST FLOOR DRAIN. SEE SCHEDULE ON SHEET M4. SEE DETAIL B/M4.
8. TYPICAL LINED JUMPER DUCT. SEE DETAIL D/M4.
9. HEAVY DUTY RETURN AIR GRILLE LIKE RG-3. GRILLE INSTALLED BETWEEN WALL STUDS. SEE SCHEDULE ON SHEET M4.
10. TYPICAL SUPPLY DIFFUSER LIKE SD-1. SEE SCHEDULE ON M4 AND DETAIL A/M4.
11. TYPICAL LINED SHEETMETAL DUCTWORK.
12. TYPICAL EGGCRATE RETURN AIR GRILLE LIKE RG-1. SEE SCHEDULE ON M4.
13. EF-4: IN-LINE EXHAUST FAN LIKE GREENHECK MODEL BCF-107, 600 CFM, 0.30" SP, 968 RPM, 1,893 T.S., 1/4 HP MOTOR, 120V/1PH, 100 LBS., 6.8 SONES. CONTROLLED BY WALL SWITCH. PROVIDE SPEED CONTROLLER FOR BALANCING.
14. EF-6: CEILING EXHAUST FAN WITH GRILLE-MOUNTED MOTION DETECTOR LIKE GREENHECK MODEL SP-B90, 75 CFM, 0.25" SP, 700 RPM, 1,455 T.S. 50 WATTS, 120V/1PH, 3.0 SONES.
15. TOILET EXHAUST DUCT LOCATED BELOW FLOOR JOIST, ABOVE DROPPED CEILING. DUCTS ROUTE UP THROUGH JOIST TO ATTIC AREA LOCATED ABOVE NIGHT ROOM TO EXTERIOR WALL AS REQUIRED. PROVIDE FIRE DAMPER AT PENETRATION INTO ATTIC.
16. EF-7: CEILING EXHAUST FAN LIKE GREENHECK MODEL SP-B150, 150 CFM, 0.25" S.P., 1,050 RPM, 129 WATTS, 3.7 SONES. FAN CONTROLLED BY SWITCH.
17. EXHAUST DUCT UP IN CHASE TO FLOOR ABOVE. PROVIDE FIRE DAMPER AT 2ND FLOOR LINE. SEE SECOND FLOOR PLAN ON SHEET M3 FOR CONTINUATION.
18. VENT AND COMBUSTION AIR PIPING ROUTED UP FROM LOWER LEVEL UP TO ATTIC AREA ABOVE. SEE FLOOR PLANS SHEETS M1 AND M3.
19. SIDEWALL SUPPLY GRILLES LIKE SD-2. SEE SCHEDULE ON M4.
20. O.A. MOTORIZED DAMPER SHALL BE INTERLOCKED TO OPEN WHEN THE FCU OPERATES, AND CLOSE WHEN FCU IS OFF.
21. HOODED WALL CAP LIKE GREENHECK MODEL WC-8. CONTRACTOR SHALL REMOVE BACKDRAFT DAMPER AND LEAVE BIRDSCREEN FOR USE AS INTAKE.
22. COORDINATE PLUMBING INSTALLATION FOR FIXTURES ABOVE WITH DUCTWORK INSTALLATION SERVING KITCHEN AREA AS REQUIRED.
23. BALANCE O.A. DUCT VOLUME DAMPER IN 8"ø DUCT FOR 200 CFM.
24. REFRIGERANT PIPING UP FROM LOWER LEVEL CEILING; THRU 1ST FLOOR IN WALL OF STORAGE ROOM 129. (2)– LINE SETS SERVE 5 TON UNITS, (1)– LINE SET SERVES 2.5 TON UNIT LOCATED IN STORAGE ROOM 228 ON 2ND FLOOR. ROUTE ACROSS STORAGE ROOM 129 CEILING; UP TO STORAGE ROOM 228 AS REQUIRED. SEE SHEET M1 AND M3 FOR CONTINUATION OF PIPING.
25. REFRIGERANT PIPING FROM HEAT PUMP UNIT ON GRADE ROUTES DOWN TO LOWER LEVEL AND THRU WALL AS REQUIRED. SEE SHEET M1 FOR CONTINUATION. SLEEVE AND SEAL PIPING THROUGH EXTERIOR WALL WATERTIGHT. SUPPORT PIPE AS RECOMMENDED BY MANUFACTURER AS REQUIRED. REFRIGERANT PIPE SIZES AS RECOMMENDED BY MANUFACTURER.
26. PROVIDE COMBINATION CONCENTRIC VENT PIPE (COMBUSTION AIR INTAKE AND FLUE VENT) FROM WATER HEATERS THRU SIDEWALL OF BUILDING, SEAL PIPING THROUGH EXTERIOR WALL WATERTIGHT, AND INSTALL PER MANUFACTURERS RECOMMENDATIONS.
27. 3 TON HEAT PUMP UNITS WITH LOW AMBIENT CONTROLS ON GRADE. SEE SCHEDULE ON SHEET M4.
28. 3 TON FAN COIL UNIT WITH ELECTRIC HEAT. ROUTE CONDENSATE DRAIN TO NEAREST FLOOR DRAIN. SEE SCHEDULE ON SHEET M4. SEE DETAIL B/M4.
29. REFRIGERANT PIPING UP FROM LOWER LEVEL CEILING. SEE SHEET M1 FOR CONTINUATION.
30. 30/18 RETURN DUCT WITH 30/12 TO RETURN AIR GRILLE IN WALL SERVING HALLWAY 113 AND 30/12 UP THRU SECOND FLOOR TO GRILLE SERVING HALLWAY 218. SEE SHEET M3 FOR CONTINUATION.
31. 2.5 TON HEAT PUMP CONDENSING UNIT WITH LOW AMBIENT CONTROLS ON GRADE. SEE SCHEDULE ON SHEET M4.
32. 24/8 SUPPLY DUCT UP THRU SECOND FLOOR TO STORAGE ROOM 218 LOCATED ABOVE. SEE SHEET M3 FOR CONTINUATION.
33. BALANCE 8"ø O.A. DUCT VOLUME DAMPER FOR 120 CFM.
34. 24/12 INTAKE LOUVER WITH .646 SQ. FT. FREE AREA. PROVIDE PLENUM ATTACHED FOR DUCT CONNECTION AS SHOWN. EXTERNALLY WRAP PLENUM AND DUCT PAST BACK DRAFT DAMPER. SEE DETAIL C/M4.
35. EF-8: CEILING EXHAUST FAN LIKE GREENHECK MODEL SP-A200, 200 CFM, 0.25" S.P., 900 RPM, 48 WATTS, 120V/1PH, 3.0 SONES. FAN CONTROLLED BY THERMOSTAT ON WALL. FAN TO TURN ON AT 80° (ADJ.) AND TURN OFF BELOW 80°.



1 FIRST FLOOR OVERALL HVAC PLAN

SCALE: 3/32" = 1'-0" - FIRST FLOOR: 13,488 SQ. FT.

N

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MIKEL C. ROBINSON
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No. 18666
STATE OF INDIANA
PROFESSIONAL ENGINEER

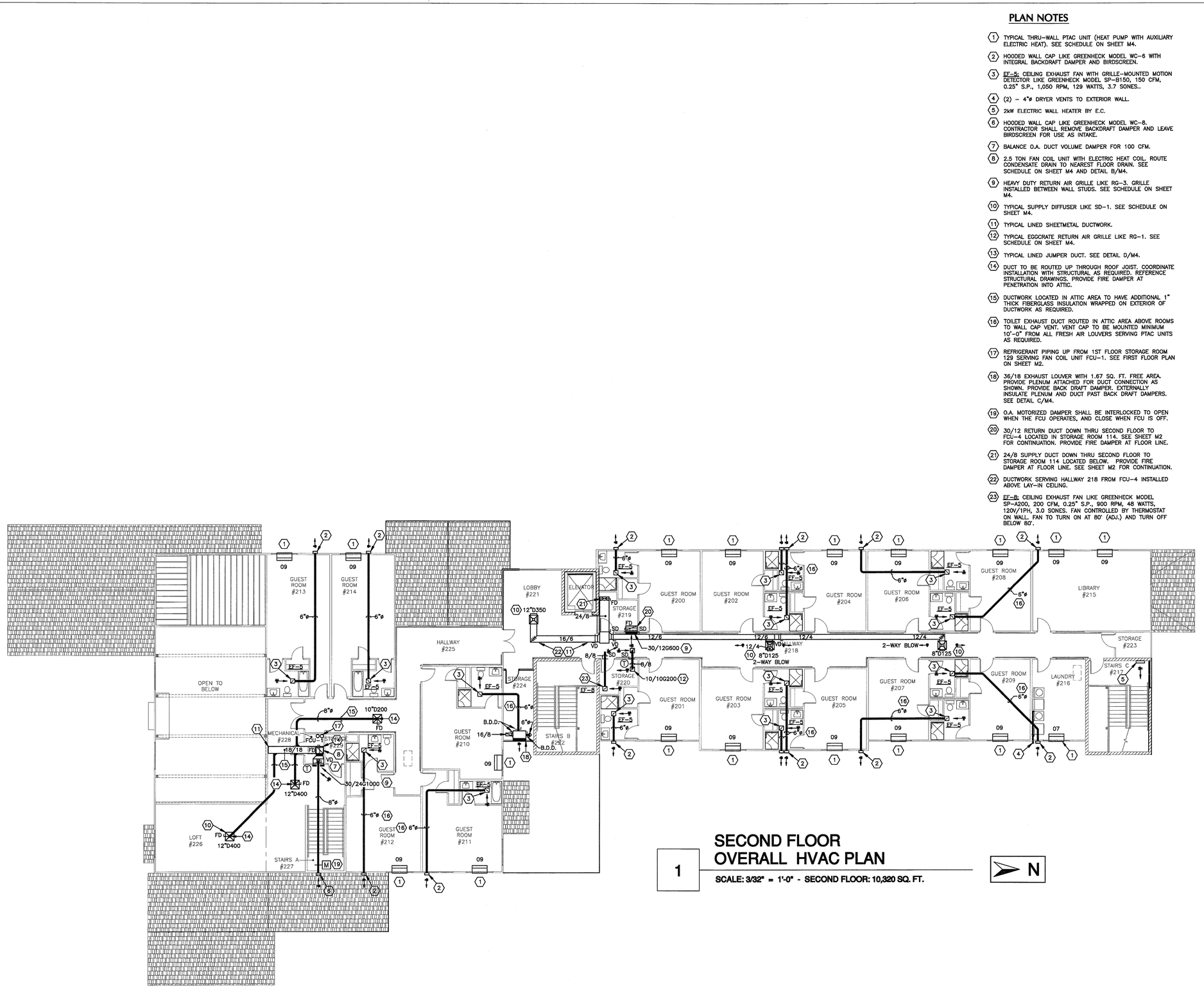
PROJECT NO.	F&G #06070
DATE	02-23-07
DRAWN BY	TCC
CHECKED BY	BAT
SHEET NAME	FIRST FLOOR OVERALL HVAC PLAN
SHEET NO.	M2

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PLAN NOTES

1. TYPICAL THRU-WALL PTAC UNIT (HEAT PUMP WITH AUXILIARY ELECTRIC HEAT). SEE SCHEDULE ON SHEET M4.
2. HOODED WALL CAP LIKE GREENHECK MODEL WC-6 WITH INTEGRAL BACKDRAFT DAMPER AND BIRDSCREEN.
3. EF-5: CEILING EXHAUST FAN WITH GRILLE-MOUNTED MOTION DETECTOR LIKE GREENHECK MODEL SP-B150, 150 CFM, 0.25" S.P., 1,050 RPM, 129 WATTS, 3.7 SONES..
4. (2) - 4"ø DRYER VENTS TO EXTERIOR WALL.
5. 2kW ELECTRIC WALL HEATER BY E.C.
6. HOODED WALL CAP LIKE GREENHECK MODEL WC-8. CONTRACTOR SHALL REMOVE BACKDRAFT DAMPER AND LEAVE BIRDSCREEN FOR USE AS INTAKE.
7. BALANCE O.A. DUCT VOLUME DAMPER FOR 100 CFM.
8. 2.5 TON FAN COIL UNIT WITH ELECTRIC HEAT COIL. ROUTE CONDENSATE DRAIN TO NEAREST FLOOR DRAIN. SEE SCHEDULE ON SHEET M4 AND DETAIL B/M4.
9. HEAVY DUTY RETURN AIR GRILLE LIKE RG-3. GRILLE INSTALLED BETWEEN WALL STUDS. SEE SCHEDULE ON SHEET M4.
10. TYPICAL SUPPLY DIFFUSER LIKE SD-1. SEE SCHEDULE ON SHEET M4.
11. TYPICAL LINED SHEETMETAL DUCTWORK.
12. TYPICAL EGGCRATE RETURN AIR GRILLE LIKE RG-1. SEE SCHEDULE ON SHEET M4.
13. TYPICAL LINED JUMPER DUCT. SEE DETAIL D/M4.
14. DUCT TO BE ROUTED UP THROUGH ROOF JOIST. COORDINATE INSTALLATION WITH STRUCTURAL AS REQUIRED. REFERENCE STRUCTURAL DRAWINGS. PROVIDE FIRE DAMPER AT PENETRATION INTO ATTIC.
15. DUCTWORK LOCATED IN ATTIC AREA TO HAVE ADDITIONAL 1" THICK FIBERGLASS INSULATION WRAPPED ON EXTERIOR OF DUCTWORK AS REQUIRED.
16. TOILET EXHAUST DUCT ROUTED IN ATTIC AREA ABOVE ROOMS TO WALL CAP VENT. VENT CAP TO BE MOUNTED MINIMUM 10'-0" FROM ALL FRESH AIR LOUVERS SERVING PTAC UNITS AS REQUIRED.
17. REFRIGERANT PIPING UP FROM 1ST FLOOR STORAGE ROOM 129 SERVING FAN COIL UNIT FCU-1. SEE FIRST FLOOR PLAN ON SHEET M2.
18. 36/18 EXHAUST LOUVER WITH 1.67 SQ. FT. FREE AREA. PROVIDE PLENUM ATTACHED FOR DUCT CONNECTION AS SHOWN. PROVIDE BACK DRAFT DAMPER. EXTERNALLY INSULATE PLENUM AND DUCT PAST BACK DRAFT DAMPERS. SEE DETAIL C/M4.
19. O.A. MOTORIZED DAMPER SHALL BE INTERLOCKED TO OPEN WHEN THE FCU OPERATES, AND CLOSE WHEN FCU IS OFF.
20. 30/12 RETURN DUCT DOWN THRU SECOND FLOOR TO FCU-4 LOCATED IN STORAGE ROOM 114. SEE SHEET M2 FOR CONTINUATION. PROVIDE FIRE DAMPER AT FLOOR LINE.
21. 24/8 SUPPLY DUCT DOWN THRU SECOND FLOOR TO STORAGE ROOM 114 LOCATED BELOW. PROVIDE FIRE DAMPER AT FLOOR LINE. SEE SHEET M2 FOR CONTINUATION.
22. DUCTWORK SERVING HALLWAY 218 FROM FCU-4 INSTALLED ABOVE LAY-IN CEILING.
23. EF-8: CEILING EXHAUST FAN LIKE GREENHECK MODEL SP-A200, 200 CFM, 0.25" S.P., 900 RPM, 48 WATTS, 120V/1PH, 3.0 SONES. FAN CONTROLLED BY THERMOSTAT ON WALL. FAN TO TURN ON AT 80° (ADJ.) AND TURN OFF BELOW 80°.



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SECOND FLOOR OVERALL HVAC PLAN

SCALE: 3/32" = 1'-0" - SECOND FLOOR: 10,320 SQ. FT.

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PROFESSIONAL ENGINEER

PROJECT NO.	F&G #06070
DATE	02-23-07
DRAWN BY	TCC
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SHEET NAME	SECOND FLOOR OVERALL HVAC PLAN
SHEET NO.	M3

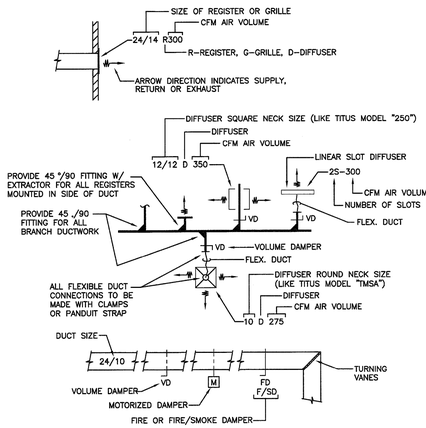
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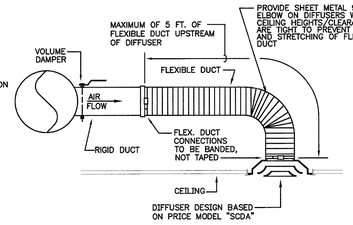
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MECHANICAL ABBREVIATIONS

ABV	ABOVE	FCU	FAN COIL UNIT	N.C.	NORMALLY CLOSED
ACP	ACCESS PANEL	F.D.	FLOOR DRAIN	N.I.C.	NOT IN CONTRACT
ACU	AIR CONDITIONING UNIT	FD	FIRE DAMPER	NO.	NUMBER
AD	AREA DRAIN	FIN.FL.	FINISHED FLOOR	N.O.	NORMALLY OPEN
AFF	ABOVE FINISHED FLOOR	FOR	FUEL OIL RETURN	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
AHU	AIR HANDLING UNIT	FOS	FUEL OIL SUPPLY		
AS	AIR SEPARATOR	F/SD	FIRE/SMOKE DAMPER		
		F.S.E.C.	FOOD SERVICE EQUIPMENT CONTRACTOR	OA	OUTDOOR AIR
BDD	BACKDRAFT DAMPER			PC	PLUMBING CONTRACTOR
BFW	BOILER FEED WATER	FT.	FEET/FOOT	PLBG.	PLUMBING
				PRV	PRESSURE REDUCING/ REGULATING VALVE
CD	CONDENSATE DRAIN	G	GRILLE	PVC	POLYVINYL CHLORIDE
CF	CHEMICAL FEED	GAL.	GALLONS		
CFM	CUBIC FEET PER MINUTE	GC	GENERAL CONTRACTOR	R	REGISTER
CHWR	CHILLED WATER RETURN	GPH	GALLONS PER HOUR	RA	RETURN AIR
CHWS	CHILLED WATER SUPPLY	GPM	GALLONS PER MINUTE	RL	REFRIGERANT LIQUID
CLG	CEILING			RM.	ROOM
CO	CLEANOUT	H.P.	HORSEPOWER	RS	REFRIGERANT SUCTION
COORD.	COORDINATE	HPR	HIGH PRESSURE STEAM RETURN		
CONN.	CONNECT/CONNECTION	HPS	HIGH PRESSURE STEAM SUPPLY	SA	SUPPLY AIR
CR	CONDENSATE RETURN	HHR	HEATING HOT WATER RETURN	SF	SHOT FEEDER
CUH	CABINET UNIT HEATER	HHS	HEATING HOT WATER SUPPLY	SG	SECURITY GRILLE
CW	COLD WATER	HRR	HEAT REJECTION RETURN	SHT.	SHEET
CR	CONDENSER WATER RETURN	HRS	HEAT REJECTION SUPPLY		
CS	CONDENSER WATER SUPPLY	HVAC	HEATING, VENTILATING & AIR CONDITIONING	TCC	TEMPERATURE CONTROL CONTRACTOR
CPD	CONDENSATE PUMP DISCHARGE	HX	HEAT EXCHANGER	TXV	THERMOSTATIC EXPANSION VALVE
D	DIFFUSER	I.D.	INSIDE DIAMETER	UH	UNIT HEATER
DN	DOWN			V.	VENT
DS	DIRT SEPARATOR	K.E.C.	KITCHEN EQUIPMENT CONTRACTOR	VB	VACUUM BREAKER
EAT	ENTERING AIR TEMPERATURE			VD	VOLUME DAMPER
E.C.	ELECTRICAL CONTRACTOR	LAT	LEAVING AIR TEMPERATURE	W.C.	WATER COLUMN
EF	EXHAUST FAN	LPR	LOW PRESSURE STEAM RETURN	ET	EXPANSION TANK
EHR	HEAT PUMP RETURN	LPS	LOW PRESSURE STEAM SUPPLY		
EHS	HEAT PUMP SUPPLY	LWT	LEAVING WATER TEMPERATURE		
ELEC.	ELECTRIC/ELECTRICAL				
ELEV.	ELEVATION	MAU	MAKE-UP AIR UNIT		
EWT	ENTERING WATER TEMPERATURE	MC	MECHANICAL CONTRACTOR		
EXH	EXHAUST	MECH.	MECHANICAL		
EXIST.	EXISTING	MPS	MEDIUM PRESSURE STEAM		

SHEET METAL SYMBOLS

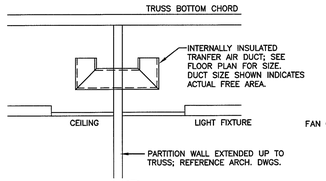




DETAIL A/M4

TYPICAL DUCT CONNECTION TO DIFFUSER

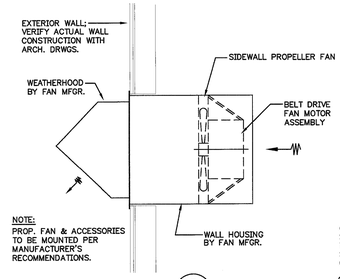
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DETAIL D/M4

TRANSFER DUCT INSTALLATION

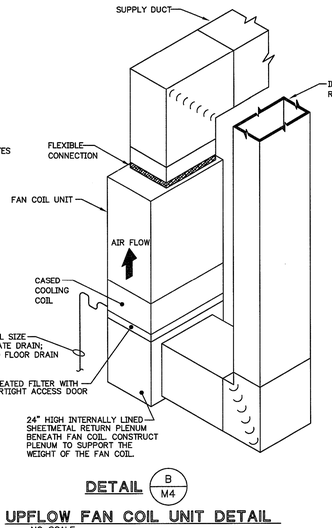
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DETAIL E/M4

WALL MOUNTED PROPELLER FAN INSTALLATION

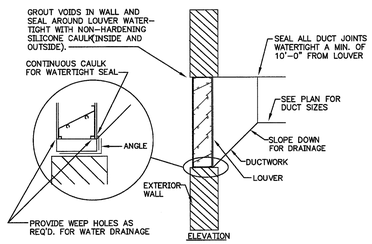
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DETAIL B/M4

UPFLOW FAN COIL UNIT DETAIL

NO SCALE



DETAIL C/M4

LOUVER INSTALLATION

NO SCALE

FAN COIL/HEAT PUMP SYSTEM SCHEDULE

UPFLOW FAN COIL UNIT DATA WITH (ELECTRIC HEATING COIL)											AIR-COOLED CONDENSING UNIT DATA										NOTES
FAN COIL NUMBER	HEATING KW	VOLTS/ PHASE	HEAT STAGES	TOTAL COOLING	CFM	O.A. CFM	E.S.P. "W.G.	VOLTS/ PHASE	FAN HP	MANUFACTURER AND MODEL NO.	CU NUMBER	TONS COOLING	SST °F	AMBIENT AIR	REFRIG.	VOLTS/ PHASE	COMPR. RLA	FAN FLA	MCA	MIN. SEER	MANUFACTURER AND MODEL NO.	
FCU-1	11.3	208V/3ø	2	30,000	1000	100	0.25	208V/1ø	1/4	BRYANT FAN COIL FY4A-030	HP-1	2.5	45°	95°	410A	208V/1ø	14.1	0.75	21.4	13	BRYANT LEGACY 213ANA – 030	1,2,3,4,5,6,7,8,9
FCU-2	22.5	208V/3ø	3	60,000	1950	200	0.25	208V/1ø	3/4	BRYANT FAN COIL FY4A-060	HP-2	5	45°	95°	410A	208V/1ø	26.3	1.2	34.1	13	BRYANT LEGACY 213ANA – 060	1,2,3,4,5,6,7,8,9
FCU-3	22.5	208V/3ø	3	60,000	1950	200	0.25	208V/1ø	3/4	BRYANT FAN COIL FY4A-060	HP-3	5	45°	95°	410A	208V/1ø	26.3	1.2	34.1	13	BRYANT LEGACY 213ANA – 060	1,2,3,4,5,6,7,8,9
FCU-4	11.3	208V/3ø	2	36,000	1200	120	0.45	208V/1ø	1/3	BRYANT FAN COIL FY4A-036	HP-4	3	45°	95°	410A	208V/1ø	16.7	1.4	22.2	13	BRYANT LEGACY 213ANA – 036	1,2,3,4,5,6,7,8,9

NOTES:
1. DISCONNECT SWITCHES BY E.C.
2. PROVIDE 3 FULL SETS OF FILTERS FOR EACH FAN COIL UNIT.
3. PROVIDE AN ELECTRONIC, 7-DAY PROGRAMMABLE THERMOSTAT SIMILAR TO HONEYWELL T-8600.
4. PROVIDE ALL COMPONENTS REQUIRED FOR LOW AMBIENT APPLICATION.
5. PROVIDE ANTI-SHORT CYCLE TIMER FOR HEAT PUMP UNIT.
6. PROVIDE HAIL-PROOF COIL GUARDS ON HEAT PUMP UNITS.
7. MOUNT HEAT PUMP UNIT ON CONCRETE PAD WITH NEOPRENE VIBRATION ISOLATORS.
8. ROUTE CONDENSATE DRAIN TO NEAREST FLOOR DRAIN.
9. PROVIDE SINGLE POINT POWER CONNECTION FOR FAN COIL UNIT.

PTAC UNIT SCHEDULE

MARK	CFM	TOTAL COOLING BTU	EER	HEAT PUMP			ELECTRIC HEATER			WEIGHT	LINE CORD KIT (G.E. MODEL)	MANUFACTURER & MODEL NUMBER	NOTES
				F.L. AMPS	Watts	VOLTS/PH	F.L. AMPS	kW	VOLTS/PH				
07	240	6,900	13.0	2.9	531	208/1	14.1	2.82	208/1	110	RAK3203	G.E. 5800 SERIES AZ58H07D	SEE NOTES BELOW
09	290	8,800	12.0	3.9	733	208/1	20.3	4.09	208/1	114	RAK3303	G.E. 5800 SERIES AZ58H09D	SEE NOTES BELOW
12	330	11,600	11.5	5.5	1009	208/1	20.3	4.09	208/1	118	RAK3303	G.E. 5800 SERIES AZ58H12D	SEE NOTES BELOW

NOTES:
1. PROVIDE AUTOMATIC FREEZE PROTECTION CONTROL.
2. PROVIDE AUTOMATIC OVERHEATING PROTECTION CONTROL.
3. PROVIDE AUTOMATIC FROST CONTROL MONITOR FOR COOLING MODE.
4. PROVIDE CENTRAL DESK/OCCUPANCY SENSOR CONTROL CAPABILITY.
5. PROVIDE INSULATED WALL SLEEVE.
6. PROVIDE EXTERIOR EXTRUDED ALUMINUM LOUVER, LIKE G.E. MODEL RAG67.
7. PROVIDE REVERSE CYCLE DEFROST CONTROLS.
8. PROVIDE QUICK HEAT RECOVERY AND TEMPERATURE BOOST CONTROLS, TO CYCLE ON ELECTRIC RESISTANCE HEAT AS REQUIRED.

DIFFUSER, REGISTER and GRILLE SCHEDULE						
IMAGE	MARK	DESCRIPTION	MFGR./ MODEL	MATL.	SIZE	REMARKS
	SD-1	SUPPLY DIFFUSER SQUARE PLAQUE	PRICE/ ASPD	ALUMINUM	24/24	1,3,4,5,6,9
	SD-2	SIDEWALL SUPPLY	PRICE/ 620	ALUMINUM	SEE FLOOR PLAN	1,2,5,6,8
	RG-1	CEILING EGGCRATE RETURN/ EXHAUST AIR GRILLE	PRICE/ 80	ALUMINUM	SEE FLOOR PLAN	1,3,4,5,6,7,9
	RG-2	SIDEWALL EXHAUST/RETURN GRILLE	PRICE/ 630	ALUMINUM	SEE FLOOR PLAN	1,2,5,6,8
	RG-3	HEAVY DUTY GYM GRILLE	PRICE/ 98	ALUMINUM	SEE FLOOR PLAN	1,5,6,9,10

NOTES
1) COLOR IS FINISHED IN BAKED OFF-WHITE ENAMEL
2) DOUBLE DEFLECTION GRILLE, WITH INDIVIDUAL ADJUSTIBLE BLADES, WHITE FINISH, FRONT FRONT BLADES PARALLEL TO SHORT DIMENSION.
3) COORDINATE WITH CEILING CONSTRUCTION FOR MOUNTING TYPE
4) REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES
5) REFER TO MECHANICAL FLOOR PLAN FOR NECK SIZE AND CFM INFORMATION
6) REFERENCE SHEET METAL SYMBOLS DETAIL
7) EGGCRATE TO BE ½" x ½" x ½" ALUMINUM LOUVERS
8) SUPPLY/RETURN REGISTER LOUVERS TO BE ¾" SPACED LOUVERS AT 45° DEFLECTION
9) ALL GRILLES, REGISTERS AND DIFFUSERS SHALL HAVE FRAMES DESIGNED TO BE USED IN VARIOUS CEILING SYSTEMS IN WHICH UNITS ARE TO BE INSTALLED.
10) HEAVY DUTY GRILLE TO BE ½" SPACED LOUVERS AT 45° DEFLECTION.

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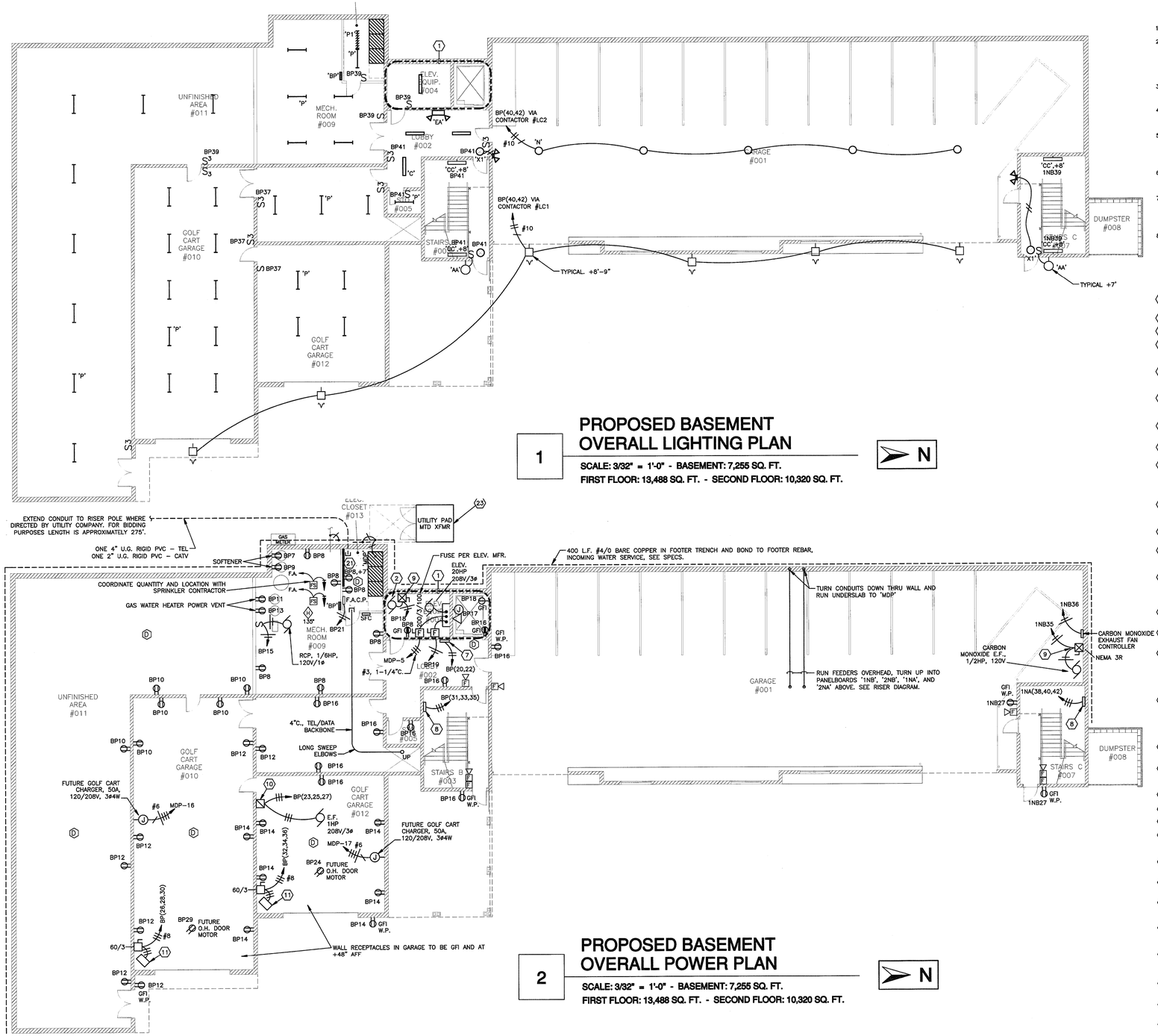
A Facility for:
JILL'S HOUSE
751 East Tamarack Trail
BLOOMINGTON, INDIANA 47408

MICHAEL C. ROBINSON REGISTERED No. 18666 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT NO.	F&G #06070
DATE	02-23-07
DRAWN BY	TCC
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SHEET NAME	SHEETMETAL DETAILS– HVAC
SHEET NO.	M4

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1 PROPOSED BASEMENT OVERALL LIGHTING PLAN

SCALE: 3/32" = 1'-0" - BASEMENT: 7,255 SQ. FT.
FIRST FLOOR: 13,488 SQ. FT. - SECOND FLOOR: 10,320 SQ. FT.

N

2 PROPOSED BASEMENT OVERALL POWER PLAN

SCALE: 3/32" = 1'-0" - BASEMENT: 7,255 SQ. FT.
FIRST FLOOR: 13,488 SQ. FT. - SECOND FLOOR: 10,320 SQ. FT.

N

GENERAL NOTES

1. MC CABLE MAY BE USED FOR BRANCH CIRCUITS.
2. WIRE NOT SMALLER THAN #12 AWG SHALL BE USED ON 2 OR 3 WIRE 115/230 (120/208) VOLT BRANCH CIRCUITS UP TO 75' LENGTH OF RUN AND NOT LESS THAN #10 AWG SHALL BE USED UP TO 120' LENGTH, EXCEPT CIRCUITS EXCEEDING 1800 WATTS AT 120V SHALL BE WIRED WITH NOT LESS THAN #10 AWG, OR AS DENOTED ON DRAWINGS.
3. VERIFY THAT ALL EQUIPMENT TO BE CONNECTED IS PROPERLY RATED FOR THE APPLIED VOLTAGE AND AMPERAGE CIRCUIT SUPPLIED.
4. THE E.C. SHALL PROVIDE ACCESS PANELS OF PROPER SIZE AND TYPE AS REQUIRED AND/OR WHERE SHOWN ON DRAWINGS.
5. ALL TEL/DATA CABLES PULLED WITHIN THE BUILDING AND NOT PLACED IN CONDUIT OR RACEWAY, WILL BE PLACED PARALLEL OR AT 90 DEGREE ANGLES TO THE RAFTERS, BUNDLED AND SUPPORTED BY THE BUILDING STRUCTURE. USE J-HOOKS WITH VELCRO STRAPS @ 5' OC MAX.
6. THE DISTANCE OF TEL/DATA CABLE FROM THE TERMINATION IN THE TELECOMMUNICATIONS CLOSET TO THE OUTLET SHALL BE 90M (295FT) OR LESS.
7. PROVIDE A MINIMUM OF NOT LESS THAN TWO (2) 1" SPARE AND TWO (2) SPARE 3/4" EMT CONDUITS FOR EACH FLUSH MOUNTED BRANCH DISTRIBUTION PANELBOARD WITH CONDUITS ELBOWED OUT ABOVE ACCESSIBLE CEILING AND SUITABLY CAPPED.
8. PROVIDE 120V POWER TO FIRE/SMOKE DAMPERS AS SHOWN ON MECHANICAL PLANS. SEE DETAIL ON SHEET E4.

PLAN NOTES

1. SEE TYPICAL ELEVATOR DETAIL. SHAFT AND MACHINE ROOM SHALL BE 2HR RATED.
2. E.F., 130W, 120V, PROVIDED BY M.C.
3. FUTURE CEILING PROJECTOR.
4. PROVIDE EMPTY JUNCTION BOX FOR FUTURE SPEAKERS, STUB 1"C. INTO ACCESSIBLE CEILING SPACE. MOUNT 6" BELOW LAY-IN CEILING. PROVIDE BLANK FINISHING PLATE.
5. PROVIDE EMPTY 3-GANG BOX FOR FUTURE AUDIO OUTPUT TO SPEAKERS. MOUNT AT +18" WITH 2-1"C. STUBBED UP ABOVE ACCESSIBLE CEILING.
6. E.F., 1/4HP, 120V, BY M.C.. MANUAL STARTER FLUSH IN WALL, PROVIDE LABEL "KITCHEN EXHAUST". SPEED CONTROLLER BY M.C., INSTALLED BY E.C.
7. PROVIDE ARCHITECTURAL HEAVY-DUTY WALL HEATER, Q-MARK #AWH SERIES, 2KW, 208V/1ø.
8. PROVIDE ARCHITECTURAL HEAVY-DUTY WALL HEATER, Q-MARK #AWH SERIES, 4KW, 208V/3ø.
9. PROVIDE MAGNETIC MOTOR STARTER IN NEMA 1 ENCLOSURE (U.O.N.), STARTER SIZE 0, H-O-A, PILOT LIGHT, CONTROL XFMR, FUSED, AUX. CONTACTS & DISCONNECT. VERIFY VOLTAGE AND HORSEPOWER WITH E.F. SCHEDULE ON MECHANICAL PLANS. CONTROL WIRING BY T.C.C..
10. PROVIDE MANUAL MOTOR STARTER IN NEMA 1 ENCLOSURE, STARTER SIZE 0, FUSED. VERIFY VOLTAGE AND HORSEPOWER WITH E.F. SCHEDULE ON MECHANICAL PLANS.
11. PROVIDE UNIT HEATER, Q-MARK #MUH, 10KW, 208V/3ø, T-STAT.
12. FCU-2 OR FCU-3 - SINGLE POINT POWER CONNECTION, 86.8MCA, 208V/3ø (FAN MOTOR: 3/4HP, 208V/1ø AND RESISTANCE HEAT: 22.5KW, 208V/3ø)
13. FCU-1 OR FCU-4 - SINGLE POINT POWER CONNECTION, 47.7MCA, 208V/3ø (FAN MOTOR: 1/4HP, 208V/1ø AND RESISTANCE HEAT: 11.3KW, 208V/3ø). INSTALL DUCT SMOKE DETECTOR, SEE FIRE/SMOKE DAMPER DETAIL ON E4.
14. HEAT PUMP #HP-2 OR HP-3 - 5 TON, 26.3RLA (COMPRESSOR), 1.2FLA (FAN), 34.1MCA, 208V/1ø
15. HEAT PUMP #HP-1 - 2.5 TON, 14.1RLA (COMPRESSOR), 0.75FLA (FAN), 21.4MCA, 208V/1ø
16. PTAC UNIT - 14.1A (MAX. CONNECTED LOAD), 208V/1ø. FOR BIDDING PURPOSES, PROVIDE A NEMA 6-20R RECEPTACLE. VERIFY WITH MFR'S REQUIREMENTS AFTER APPROVAL OF UNIT SHOP DRAWINGS AND PRIOR TO ORDERING RECEPTACLE. COORDINATE EXACT LOCATION OF RECEPTACLE WITH MFR. PRIOR TO ROUGH-IN.
17. PTAC UNIT - 20.3A (MAX. CONNECTED LOAD), 208V/1ø. FOR BIDDING PURPOSES, PROVIDE A NEMA 6-30R RECEPTACLE, VERIFY WITH MFR'S REQUIREMENTS AFTER APPROVAL OF UNIT SHOP DRAWINGS AND PRIOR TO ORDERING RECEPTACLE. COORDINATE EXACT LOCATION OF RECEPTACLE WITH MFR. PRIOR TO ROUGH-IN.
18. HEAT PUMP #HP-4: 3 TON, 16.7RLA (COMPRESSOR), 1.4FLA (FAN), 22.2MCA, 208V/1ø
19. FCU-4 - SINGLE POINT POWER CONNECTION, 47.7MCA, 208V/3ø (FAN MOTOR: 1/3HP, 208V/1ø AND RESISTANCE HEAT: 11.3KW, 208V/3ø)
20. 30 MINUTE TIMED SWITCH (TYPICAL)
21. TEL/CATV TERMINATION BOARD, 3/4" PLYWOOD BY E.C.
22. REMOTE F.A. LCD ANNUNCIATOR
23. SET XFMR 10' FROM WINDOWS AND DOORS, AND MAINTAIN 10' CLEAR IN FRONT OF XFMR'S ACCESS DOORS FOR HOT-STICKING
24. PROVIDE 4" SLEEVE THRU FLOOR FOR DATA CABLE. PROVIDE FIRE SEAL.
25. PROVIDE 4" SLEEVE THRU WALL ABOVE ACCESSIBLE CEILING SPACE FOR DATA CABLE. PROVIDE FIRE SEAL.
26. TYPICAL OF THIS SYMBOL - CONNECT ALL DEVICES AND LIGHTING IN THIS AREA TO THIS CIRCUIT, UNLESS OTHERWISE NOTED.
27. (TYPICAL) RECEPTACLE: 30A, 250V, 3P4W, NEMA 14-30R, HUBBELL #9430A, PROVIDE CORD & PLUG. VERIFY REQUIREMENTS WITH DRYER INSTALLTION INSTRUCTIONS.
28. (TYPICAL) RECEPTACLE: 50A, 250V, 3P4W, NEMA 14-50R, HUBBELL #9450A, PROVIDE CORD & PLUG. VERIFY REQUIREMENTS WITH RANGE/OVEN INSTALLTION INSTRUCTIONS.
29. (TYPICAL) FLOOR BOX: STAMPED STEEL, SUITABLE FOR FLOOR TYPE, WITH (1) DUPLEX RECEPTACLE AND BRASS FLIP LIDS.
30. (TYPICAL) FOR FLUSH MOUNTED PANELBOARDS, THE GENERAL CONTRCTOR SHALL PROVIDE 8" DEEP WALL.
31. LIGHTS ON SAME CIRCUITS AS RECEPTACLES, SEE POWER PLAN

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN.47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

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A Facility for:
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751 East Tamarack Trail
BLOOMINGTON, INDIANA 47408

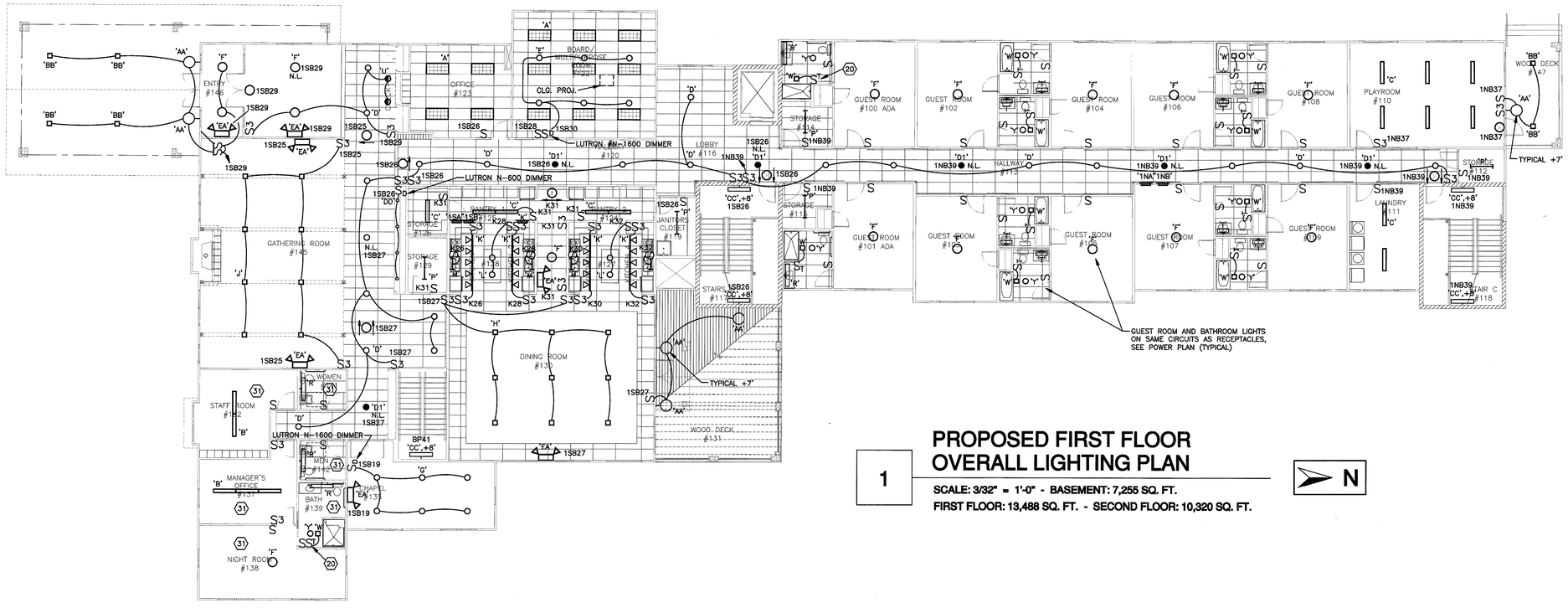
MARVIN L. HITCHCOCK REGISTERED No. 18676 STATE OF INDIANA PROFESSIONAL ENGINEER
Marvin L. Hitchcock

PROJECT NO.	F&G #06070
DATE	02-23-07
DRAWN BY	KJR
CHECKED BY	MLH

SHEET NAME
BASEMENT ELECTRICAL PLAN

SHEET NO.
E1

02-23-07 100% C.D. ISSUE

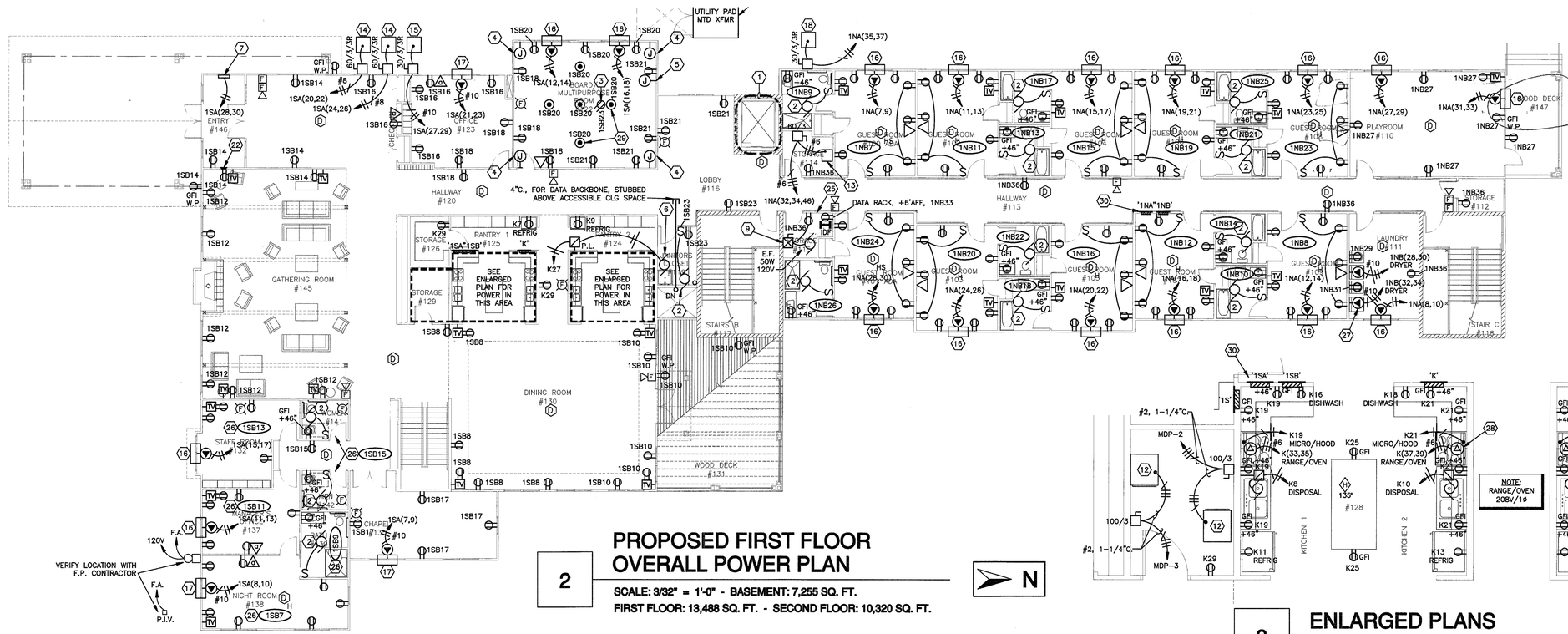


1

PROPOSED FIRST FLOOR OVERALL LIGHTING PLAN

SCALE: 3/32" = 1'-0" - BASEMENT: 7,255 SQ. FT.
FIRST FLOOR: 13,488 SQ. FT. - SECOND FLOOR: 10,320 SQ. FT.

N

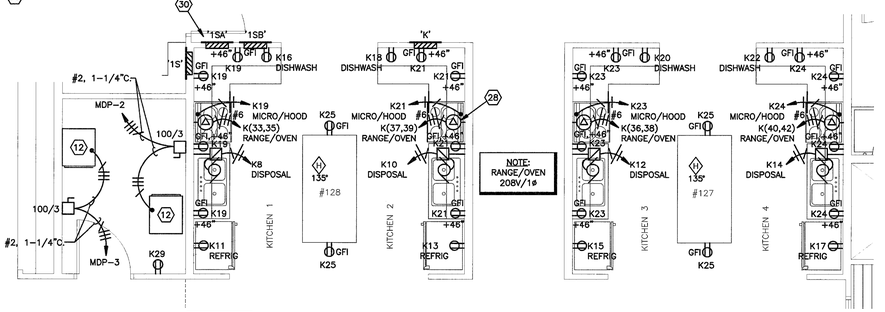


2

PROPOSED FIRST FLOOR OVERALL POWER PLAN

SCALE: 3/32" = 1'-0" - BASEMENT: 7,255 SQ. FT.
FIRST FLOOR: 13,488 SQ. FT. - SECOND FLOOR: 10,320 SQ. FT.

N



3

ENLARGED PLANS

SCALE: NONE

N

PLAN NOTES

1. SEE TYPICAL ELEVATOR DETAIL, SHAFT AND MACHINE ROOM SHALL BE 2HR RATED.
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3. FUTURE CEILING PROJECTOR.
4. PROVIDE EMPTY JUNCTION BOX FOR FUTURE SPEAKERS, STUB 1"C. INTO ACCESSIBLE CEILING SPACE. MOUNT 6" BELOW LAY-IN CEILING. PROVIDE BLANK FINISHING PLATE.
5. PROVIDE EMPTY 3-GANG BOX FOR FUTURE AUDIO OUTPUT TO SPEAKERS. MOUNT AT +18" WITH 2-1"C. STUBBED UP ABOVE ACCESSIBLE CEILING.
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17. PTAC UNIT - 20.3A (MAX. CONNECTED LOAD), 208V/1ø. FOR BIDDING PURPOSES, PROVIDE A NEMA 6-30R RECEPTACLE. VERIFY WITH MFR'S REQUIREMENTS AFTER APPROVAL OF UNIT SHOP DRAWINGS AND PRIOR TO ORDERING RECEPTACLE. COORDINATE EXACT LOCATION OF RECEPTACLE WITH MFR. PRIOR TO ROUGH-IN.
18. HEAT PUMP #HP-4: 3 TON, 16.7RLA (COMPRESSOR), 1.4FLA (FAN), 22.2MCA, 208V/1ø
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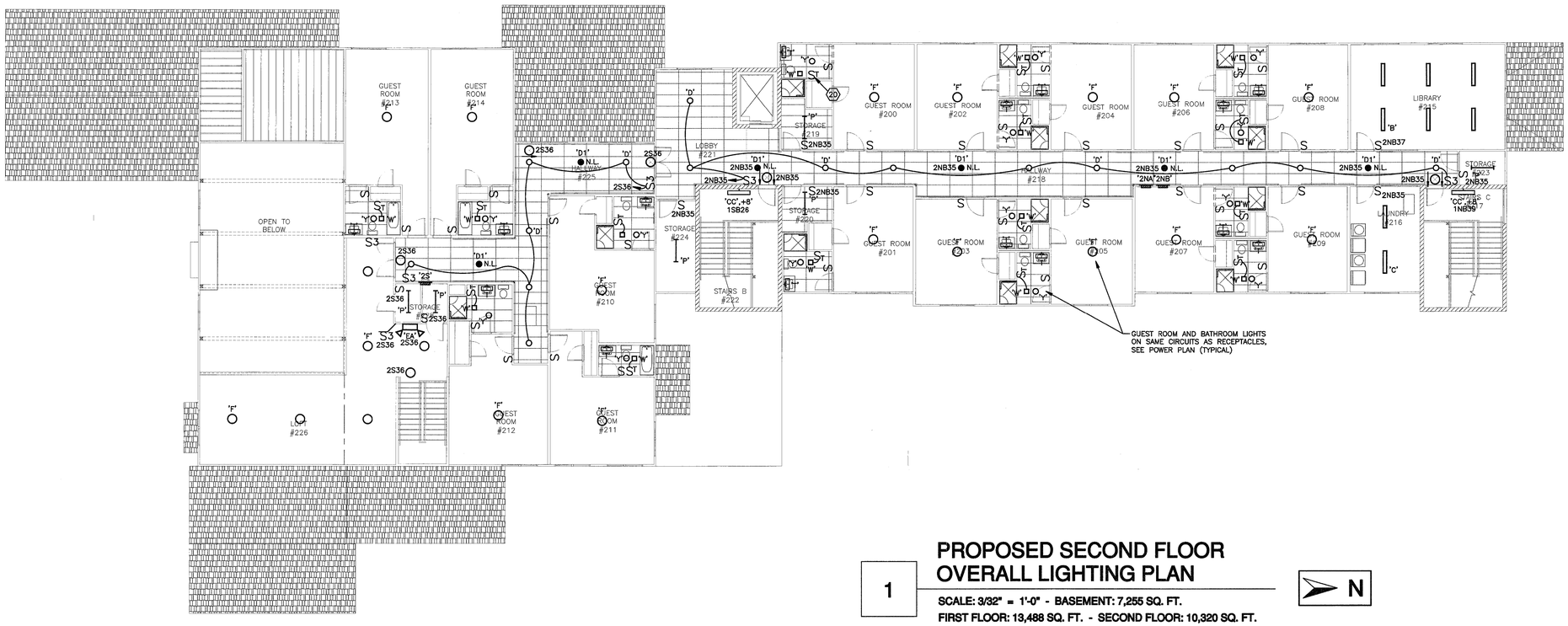
A Facility for:
JILL'S HOUSE
751 East Tamarack Trail
BLOOMINGTON, INDIANA 47408

REGISTERED No. 18676 STATE OF INDIANA PROFESSIONAL ENGINEER
MARVIN L. HITCHCOCK
Marvin L. Hitchcock

PROJECT NO.	F&G #06070
DATE	02-23-07
DRAWN BY	KJR
CHECKED BY	MLH
SHEET NAME	FIRST FLOOR ELECTRICAL PLAN
SHEET NO.	E2

02-23-07 100% C.D. ISSUE

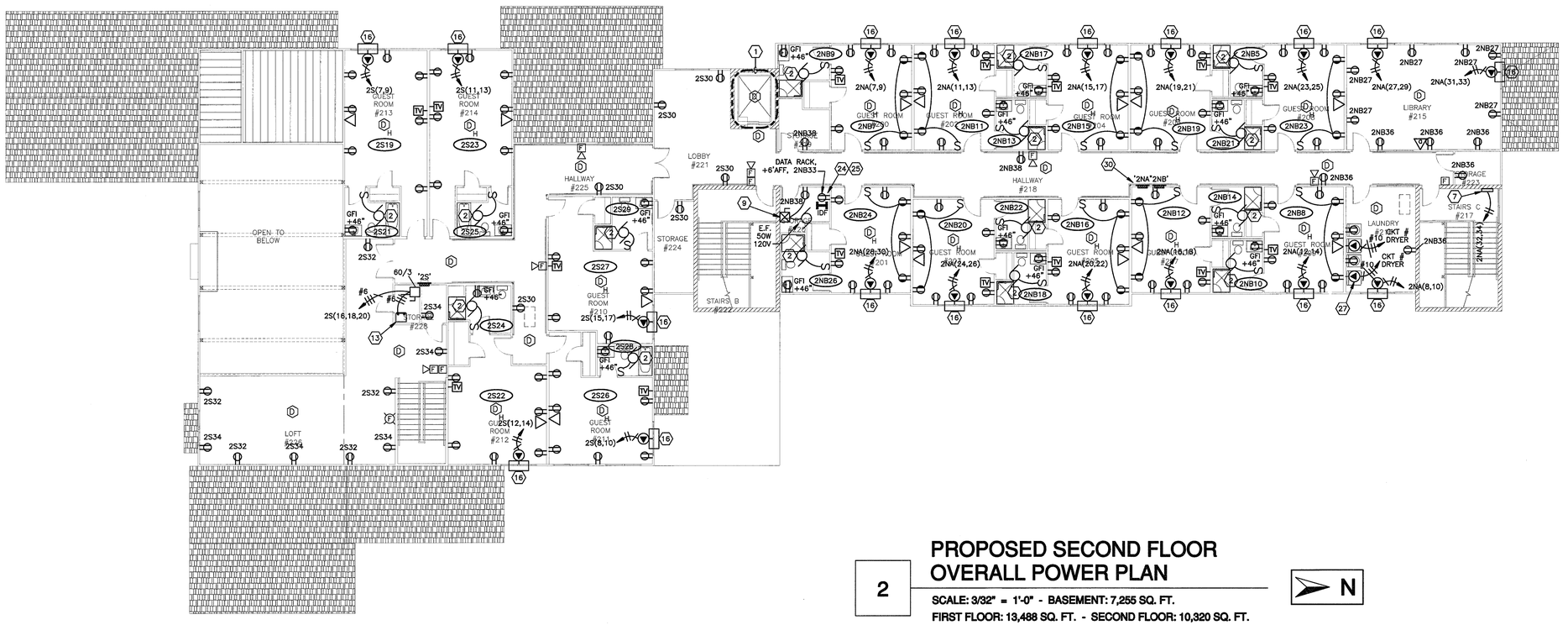
Feb 23, 2007 - 9:52am
Q:\06070 Jill's House\06070.30 Design\Electrical\Construction Documents\ Electrical Floor Plans.dwg



1 PROPOSED SECOND FLOOR OVERALL LIGHTING PLAN

SCALE: 3/32" = 1'-0" - BASEMENT: 7,255 SQ. FT.
FIRST FLOOR: 13,488 SQ. FT. - SECOND FLOOR: 10,320 SQ. FT.

N



2 PROPOSED SECOND FLOOR OVERALL POWER PLAN

SCALE: 3/32" = 1'-0" - BASEMENT: 7,255 SQ. FT.
FIRST FLOOR: 13,488 SQ. FT. - SECOND FLOOR: 10,320 SQ. FT.

N

PLAN NOTES

1. SEE TYPICAL ELEVATOR DETAIL, SHAFT AND MACHINE ROOM SHALL BE 2HR RATED.
2. E.F., 130W, 120V, PROVIDED BY M.C.
3. FUTURE CEILING PROJECTOR.
4. PROVIDE EMPTY JUNCTION BOX FOR FUTURE SPEAKERS, STUB 1"C. INTO ACCESSIBLE CEILING SPACE. MOUNT 6" BELOW LAY-IN CEILING. PROVIDE BLANK FINISHING PLATE.
5. PROVIDE EMPTY 3-GANG BOX FOR FUTURE AUDIO OUTPUT TO SPEAKERS. MOUNT AT +18" WITH 2-1"C. STUBBED UP ABOVE ACCESSIBLE CEILING.
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8. PROVIDE ARCHITECTURAL HEAVY-DUTY WALL HEATER, Q-MARK #AWH SERIES, 4KW, 208V/3ø.
9. PROVIDE MAGNETIC MOTOR STARTER IN NEMA 1 ENCLOSURE (U.O.N.), STARTER SIZE 0, H-O-A, PILOT LIGHT, CONTROL XFMR, FUSED, AUX. CONTACTS & DISCONNECT. VERIFY VOLTAGE AND HORSEPOWER WITH E.F. SCHEDULE ON MECHANICAL PLANS. CONTROL WIRING BY T.C.C..
10. PROVIDE MANUAL MOTOR STARTER IN NEMA 1 ENCLOSURE, STARTER SIZE 0, FUSED. VERIFY VOLTAGE AND HORSEPOWER WITH E.F. SCHEDULE ON MECHANICAL PLANS.
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12. FCU-2 OR FCU-3 - SINGLE POINT POWER CONNECTION, 86.8MCA, 208V/3ø (FAN MOTOR: 3/4HP, 208V/1ø AND RESISTANCE HEAT: 22.5KW, 208V/3ø)
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14. HEAT PUMP #HP-2 OR HP-3 - 5 TON, 26.3RLA (COMPRESSOR), 1.2FLA (FAN), 34.1MCA, 208V/1ø
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20. 30 MINUTE TIMED SWITCH (TYPICAL)
21. TEL/CATV TERMINATION BOARD, 3/4" PLYWOOD BY E.C.
22. REMOTE F.A. LCD ANNUNCIATOR
23. SET XFMR 10' FROM WINDOWS AND DOORS, AND MAINTAIN 10' CLEAR IN FRONT OF XFMR'S ACCESS DOORS FOR HOT-STICKING
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MARVIN L. HITCHCOCK REGISTERED No. 18676 STATE OF INDIANA PROFESSIONAL ENGINEER
Marvin L. Hitchcock

PROJECT NO.	F&G #06070
DATE	02-23-07
DRAWN BY	KJR
CHECKED BY	MLH

SHEET NAME
SECOND FLOOR ELECTRICAL PLAN

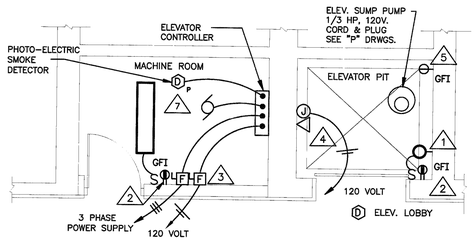
SHEET NO.
E3

02-23-07 100% C.D. ISSUE

Feb 23, 2007 - 9:53am
Q:\06070 Jill's House\06070.30 Design\Electrical\Construction Documents\ Electrical Floor Plans.dwg

ELECTRICAL SYMBOLS

SYMBOLS	IDENTIFICATION
	SWITCHBOARD, NUMBER OF SECTIONS AS SHOWN
	LIGHTING PANELBOARD
	POWER PANELBOARD
	TELEPHONE CABINET
	DISCONNECT SWITCH, FUSED
	DISCONNECT SWITCH, NON-FUSED
	COMBINATION MAGNETIC STARTER
	MAGNETIC STARTER
	MANUAL STARTER
	MOTOR
	TRANSFORMER
F	F.A. STATION
	F.A. HORN W/FLASHING LIGHT
F	F.A. PULL STAION WITH HORN AND FLASHING LIGHT ABOVE
	F.A. FLASHING LIGHT
D P	F.A. AUTOMATIC SMOKE DETECTOR STATION (IN DUCT)
F.A.C.P.	FIRE ALARM CONTROL PANEL
D	F.A. AUTOMATIC SMOKE DETECTOR STATION (H = W/HORN, HS = W/HORN-STROBE)
FS	SPRINKLER FLOW SWITCH AND SUPERVISORY VALVE
TV	CABLE TV OUTLET
TVD	CABLE TV & DUPLEX OUTLET, MOUNTED 6" BELOW CEILING OR +9' AFF, WHICHEVER IS LOWER
2	TEL/DATA OUTLET, 2 CAT-6 CABLES, 2-GANG BOX, 1-GANG REDUCER, 1"C. STUBBED TO ACCESSIBLE CLG SPACE IN CORRIDOR
1	TELEPHONE OUTLET, 1 CAT-6 CABLE, 2-GANG BOX, 1-GANG REDUCER, 1"C. STUBBED TO ACCESSIBLE CLG SPACE IN CORRIDOR
	BELL
S	SINGLE POLE SWITCH (K = KEY OPERATED) (W.P. = WEATHERPROOF)
S_2	DOUBLE POLE SWITCH (K = KEY OPERATED) (W.P. = WEATHERPROOF)
S_3	THREE-WAY SWITCH (K = KEY OPERATED) (W.P. = WEATHERPROOF)
S_4	FOUR-WAY SWITCH (K = KEY OPERATED) (W.P. = WEATHERPROOF)
S_P	SWITCH AND PILOT LIGHT (K = KEY OPERATED) (W.P. = WEATHERPROOF)
S_D	DIMMING SWITCH
	SINGLE CONVENIENCE OUTLET (W.P. = WEATHERPROOF)
	DUPLEX CONVENIENCE OUTLET (W.P. = WEATHERPROOF)
S	DUPLEX CONVENIENCE OUTLET AND SWITCH IN A 2-GANG BOX
	DUPLEX CONVENIENCE OUTLET, 120V, OVERHEAD
	SPLIT WIRE DUPLEX RECEPTACLE
	FLOOR OUTLET, SEE PLANS FOR DETAILS
J	JUNCTION BOX, WALL MOUNTED
J	JUNCTION BOX, OVERHEAD
J FLR.	JUNCTION BOX, IN FLOOR
P.C.	PORC. O.B. RECEPTACLE WITH PULL CHAIN
	EXIT LIGHT, WALL, END OR CEILING MOUNTED, AS SHOWN
	BATTERY LIGHT
	LIGHT FIXTURE, OVERHEAD (N.L. = NIGHT LIGHT)
	LIGHT FIXTURE, WALL BRACKET (N.L. = NIGHT LIGHT)
	LIGHT FIXTURE, OVERHEAD
	LIGHT FIXTURE, WALL BRACKET
	CONDUIT OVERHEAD, NUMBER OF CONDUCTORS AS SHOWN
	CONDUIT UNDERFLOOR, NUMBER OF CONDUCTORS AS SHOWN
GFI	GROUND FAULT INTERRUPTER
	PHOTO ELECTRIC CELL



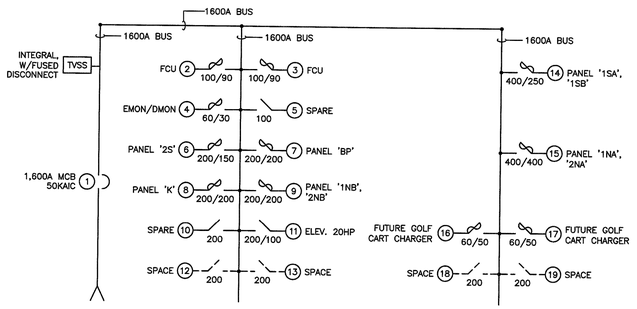
MACHINE ROOM & SHAFT SHALL BE 2 HR RATED CONSTUCTION

DETAIL NOTES:

1. PROVIDE ELEVATOR PIT LIGHT AND SWITCH IN ACCORDANCE WITH RULE 106.1E OF ANSI A17.1, 1987 EDITION. FIXTURE SHALL BE HUBBELL #VW-151/VCG-15, OR EQUAL, WALL MOUNTED WITH GUARD.
2. PROVIDE GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL, PER N.E.C. 620-85.
3. PROVIDE 30/1/20 FUSED DISCONNECT SWITCH FOR 120V ELEVATOR CAR LIGHT AND ACCESSORIES POWER SUPPLY. INSTALL PER NEC 620-53.
4. LOCATE ELEVATOR CAR OUTLETS APPROXIMATELY MID-POINT VERTICAL IN ELEVATOR SHAFT.
5. PROVIDE SINGLE RECEPTACLE FOR ELEVATOR SUMP PUMP AS HIGH AS POSSIBLE IN ELEVATOR PIT. COORDINATE WITH CORD LENGTH PROVIDED WITH SUMP PUMP. VERIFY WITH PLUMBING DRAWINGS FOR LOCATION.
6. COORDINATE EXACT LOCATION OF ALL OUTLETS AND DEVICES TO BE INSTALLED FOR ELEVATOR SYSTEM WITH ELEVATOR INSTALLATION DRAWINGS AND INSTRUCTIONS PRIOR TO ROUGH-IN.
7. SMOKE DETECTOR SHALL SIGNAL THE ELEVATOR CONTROL PANEL FOR ELEVATOR RECALL AND SIGNAL THE FACP FOR GENERAL ALARM.

TYPICAL ELEVATOR DETAIL

NOT TO SCALE



'MDP' ONE-LINE DIAGRAM

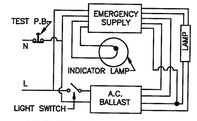
NOTE: 120/208V 3#4W, 1600A MCB
1/4"X2" CU GND. BUS, SWITCH AND FUSE

LIGHT FIXTURE SCHEDULE

MARK	LAMP	MFR. & MODEL NO.	REMARKS
A	(3) F32T8/RS/SP35	METALUX #2EP3GX332-120V EQUIVALENT: LITHONIA, DAY-BRITE, COLUMBIA	2'X4' 18 CELL, PARABOLIC, LAY-IN, 3" LOUVER, SILVER SEMI SPECULAR REFLECTOR
B	(3) F32T8/RS/SP35	METALUX #WS332-120V EQUIVALENT: LITHONIA, DAY-BRITE, COLUMBIA	4' ACRYLIC SURFACE WRAP, 3 LAMP
C	(2) F32T8/RS/SP35	METALUX #WS232-120V EQUIVALENT: LITHONIA, DAY-BRITE, COLUMBIA	4' ACRYLIC SURFACE WRAP, 2 LAMP
D	F26 TBX/4P	PORTFOLIO #C7042-120V EQUIVALENT: LITHONIA, OMEGA, PRESCOLITE	7-3/8" RECESSED, MEDIUM BEAM, DOWN LIGHT, SELF FLANGED LOW IRID. CLEAR REFLECTOR, 11" HT. MAX
D1	SAME AS TYPE 'D', EXCEPT WITH INVERTER UNIT		
E	150W A19 I.F.	PORTFOLIO #HD7-120V EQUIVALENT: LITHONIA, OMEGA, PRESCOLITE	7-3/8" RECESSED, MEDIUM BEAM, DOWN LIGHT, SELF FLANGED LOW IRID. CLEAR REFLECTOR, 11" HT. MAX
F	(2) F26 TBX/4P	SHAPER #248-120V EQUIVALENT: LITHONIA, HUBBELL, DAY-BRITE	16" SHALLOW BOWL W/ TRIM RING, FINISH AS SELECTED BY ARCH
G	200W A23 I.F.	PORTFOLIO #H8800-120V EQUIVALENT: LITHONIA, OMEGA, PRESCOLITE	7-3/8" CEILING MOUNTED DOWN LIGHT, CYLINDER, LOW IRID. CLEAR REFLECTOR, COLOR PER ARCH
H	F26 TBX/4P	VISA "ST. GERMAIN" #CP3104-120V	ALLOWANCE: $500 EA., DECORATIVE PENDANT, 20" OAH, STD. PAINT FINISH PER ARCH., (EXACT FIXTURE TO BE SELECTED BY ARCHITECT)
J	150W A21 I.F.	VISA "ST. GERMAIN" #CP3106-120V	ALLOWANCE: $470 EA., DECORATIVE PENDANT, 36" OAH, STD. PAINT FINISH PER ARCH., (EXACT FIXTURE TO BE SELECTED BY ARCHITECT)
K	50W PAR20	HALO #LZR1320-120V EQUIVALENT: CAPRI, LITHONIA, PRESCOLITE	ALLOWANCE: $100/HEAD & 2' OF TRACK, TRACK LIGHTING, TRACK LENGTH AS SHOWN, FINISH PER ARCH. (EXACT FIXTURE TO BE SELECTED BY ARCHITECT)
L	60W A19 I.F.	HALO #H1DMELRG-120V EQUIVALENT: CAPRI, LITHONIA, PRESCOLITE	ALLOWANCE: $200 EA., DECORATIVE PENDANT, FINISH PER ARCH. (EXACT FIXTURE TO BE SELECTED BY ARCH AT LATER DATE)
M	(2) F17T8/RS/SP35	ALKCO #3226-120V EQUIVALENT: METALUX, DAY-BRITE, LITHONIA, COLUMBIA	2' UNDER CABINET LIGHT, SOLID FRONT, WHITE HOUSING, ACRYLIC LENS
N	175W M.H.	MCGRAW-EDISON #PSL-208V EQUIVALENT: LITHONIA, GARDCO, KIM	HID PARKING GARAGE LIGHT, FUSED, GLASS REFRACTOR, FINISH PER ARCH.
P	(2) F32T8/RS/SP35	METALUX #SS-120V EQUIVALENT: LITHONIA, DAY-BRITE, COLUMBIA	4' STRIP LIGHT, SURFACE MOUNTED
P1	SAME AS TYPE 'P', EXCEPT W/ INVERTER UNIT		
R	(2) F50 BX/RS	SHAPER #605-120V EQUIVALENT: METALUX, DAY-BRITE, COLUMBIA, VISA	ALLOWANCE $300, 4' UP/DOWN LIGHT, MOUNTED HORIZONTALLY, FINISH PER ARCH (EXACT FIXTURE TO BE SELECTED BY ARCHITECT)
T	F50 BX/RS	VISA #CB6112-120V EQUIVALENT: METALUX, DAY-BRITE, COLUMBIA	2' AVATAR II, UP/DOWN LIGHT, MOUNTED HORIZONTALLY ABOVE MIRROR, TRIM & FINISH PER ARCH, SEE ARCH PLANS FOR HEIGHT
U	75W R30SP	HALO #H7T-78-120V EQUIVALENT: CAPRI, LITHONIA, PRESCOLITE	EYEBALL, 8" O.D. TRIM RING, FINISH PER ARCH.
V	70W M.H.	INVUE #VWS-208V EQUIVALENT: LITHONIA, GARDCO, KIM	15"W X 14L" X 10"H ARCHITECTURAL WALL BRACKET, DARK SKY COMPLIANT, TYPE 3 DIST, FUSED, FINISH PER ARCH.
W	250W BR40 INFRARED	BROAN #161-120V EQUIVALENT: NONE	INFRARED BULB HEATER
X	LED BY MFR	SURELITES #LPXH-120V EQUIVALENT: PRESCOLITE, LITHONIA, MCPHILBEN	POLYCARB EXIT SIGN, RED LETTERS, BATTERY, SELF DIAG., CLG, END OR WALL MOUNT AS REQUIRED, ARROWS AS SHOWN, COLOR PER ARCH, REMOTE CAPACITY
X1	SAME AS TYPE 'X', EXCEPT W/ EXTRA CAPACITY BATTERY AND REMOTE HEADS AS SHOWN		
Y	F26 TBX/4P	PORTFOLIO #C7126-120V EQUIVALENT: LITHONIA, OMEGA, PRESCOLITE	7-3/8" RECESSED, MEDIUM BEAM DOWN LIGHT, HORIZ. LAMP, SELF FLANGED LOW IRID. CLEAR REFLECTOR, PRISMATIC ACRYLIC LENS
AA	DECORATIVE WALL BRACKET, 150W MAX, 120V, UL LISTED WET LOCATION ALLOWANCE: $300 EACH, EXACT FIXTURE TO BE SELECTED BY ARCH. & OWNER		
BB	DECORATIVE CEILING MOUNTED FIXTURE, 150W MAX, 120V, UL LISTED WET LOCATION ALLOWANCE: $300 EACH, EXACT FIXTURE TO BE SELECTED BY ARCH. & OWNER		
CC	(2) F32T8/RS/SP35	METALUX #BAUB-120V EQUIVALENT: LITHONIA, DAY-BRITE, COLUMBIA	4' ALUMINUM WALL BRACKET, UP/DOWN LIGHT, INVERTER UNIT
DD	50W PAR20	PORTFOLIO #H7443T-120V EQUIVALENT: LITHONIA, OMEGA, PRESCOLITE	4" ADJUSTABLE, RECESSED DOWN LIGHT, 17"W X 13.5"D X 7.5"H OVERALL DIM., LOW IRID. CLEAR, SELF FLANGED REFLECTOR
EA	12W MR16 BY MFR.	SURELITES #CHEL1-120V EQUIVALENT: PRESCOLITE, LITHONIA, MCPHILBEN	ARCHITECTURAL EMERG. LIGHT, SELF DIAGNOSTICS, 6 VOLT, MOUNT 6" BELOW CEILING OR AT +9' WHICHEVER IS LOWER, COLOR PER ARCH.

LIGHT FIXTURE SCHEDULE NOTES:

1. ALL HID LAMPS & BALLASTS TO BE PULSE START.
2. PULSE START LAMPS MOUNTED IN THE HORIZONTAL POSITION, MUST BE LISTED FOR SUCH OPERATION.
3. INDOOR HID LAMPS TO BE COATED, CRI = 70
4. ALL LAY-IN FIXTURES TO HAVE EARTHQUAKE CLIPS AND BE SUPPORTED WITH SAFETY CHAIN, SEE SPECS.
5. ALL FLUORESCENT BALLASTS TO BE RAPID START, LESS THAN 20% THD. SEE SPECS FOR OTHER LAMP & BALLAST REQUIREMENTS.
6. VERIFY FIXTURE MOUNTING REQUIREMENTS WITH THE LATEST REFLECTED CEILING PLAN, PROVIDE APPROPRIATE MOUNTING HARDWARE AS REQUIRED.
7. WIRING LENGTH FOR PULSE START FIXTURES WITH REMOTE BALLAST SHALL BE KEPT AS SHORT AS POSSIBLE, PROVIDE IGNITOR EXTENDORS AS REQUIRED.
8. SEE INVERTER WIRING DIAGRAM FOR CONNECTION TO A SWITCH LEG, WHERE APPLICABLE.
9. ALL FIXTURE TYPES SHOWN ON PLANS WITH A SUB 1 (I.E., 'A1', 'B1', ETC.) TO BE SAME AS TYPE 'A', 'B'. ETC. EXCEPT HAVE ONE LAMP ON INVERTER UNIT, U.O.N..



INVERTER UNIT DIAGRAM

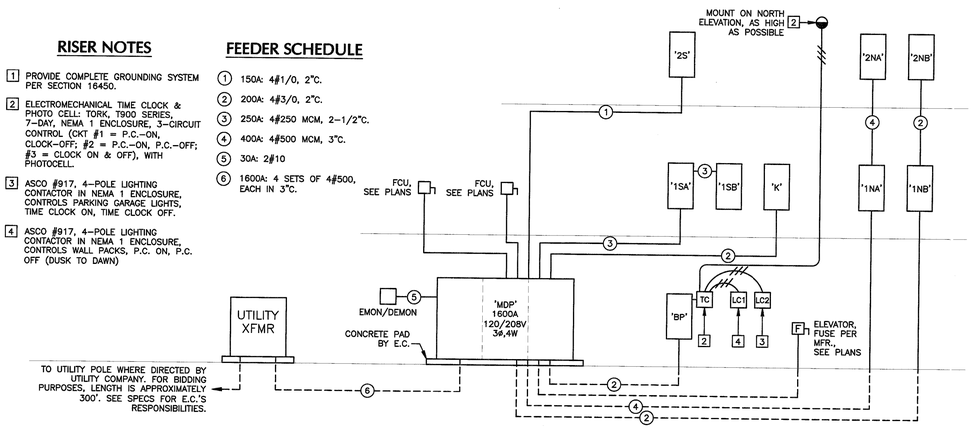
NO SCALE

RISER NOTES

1. PROVIDE COMPLETE GROUNDING SYSTEM PER SECTION 16450.
2. ELECTROMECHANICAL TIME CLOCK & PHOTO CELL: TORK, T900 SERIES, 7-DAY, NEMA 1 ENCLOSURE, 3-CIRCUIT CONTROL (CKT #1 = P.C.-ON, CLOCK-OFF; #2 = P.C.-ON, P.C.-OFF; #3 = CLOCK ON & OFF), WITH PHOTOCELL.
3. ASCO #917, 4-POLE LIGHTING CONTACTOR IN NEMA 1 ENCLOSURE, CONTROLS PARKING GARAGE LIGHTS, TIME CLOCK ON, TIME CLOCK OFF.
4. ASCO #917, 4-POLE LIGHTING CONTACTOR IN NEMA 1 ENCLOSURE, CONTROLS WALL PACKS, P.C. ON, P.C. OFF (DUSK TO DAWN)

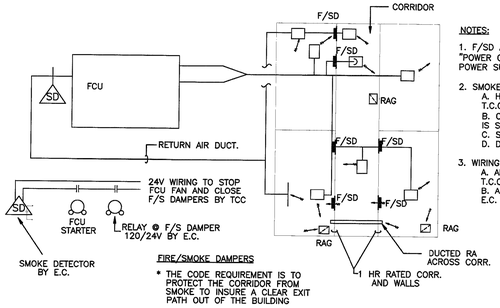
FEEDER SCHEDULE

1. 150A: 4#1/0, 2"C.
2. 200A: 4#3/0, 2"C.
3. 250A: 4#250 MCM, 2-1/2"C.
4. 400A: 4#500 MCM, 3"C.
5. 30A: 2#10
6. 1600A: 4 SETS OF 4#500, EACH IN 3"C.



RISER DIAGRAM

NO SCALE



NOTES:

1. F/SD ACTUATORS, 120V, TO BE "POWER OPEN - FAIL CLOSED". POWER SUPPLY BY E.C.
2. SMOKE DETECTOR(S) IN FCU(S):
   A. HARDWIRED TO STOP FAN BY T.C.C.
   B. CLOSE F/SD ANYTIME SMOKE IS SENSED
   C. STOP REFRIGERATION
   D. DETECTORS PROVIDED BY E.C.
3. WIRING
   A. ALL 24V CONTROL WIRING BY T.C.C.
   B. ALL 120V POWER WIRING BY E.C. INCLUDING RELAYS

FIRE/SMOKE DAMPERS

* THE CODE REQUIREMENT IS TO PROTECT THE CORRIDOR FROM SMOKE TO INSURE A CLEAR EXIT PATH OUT OF THE BUILDING

TYPICAL F/SD WIRING

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN. 47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

REVISIONS

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A Facility for:
JILL'S HOUSE
751 East Tamarack Trail
BLOOMINGTON, INDIANA 47408

MARVIN L. HITCHCOCK REGISTERED No. 18676 STATE OF INDIANA PROFESSIONAL ENGINEER

Marvin L. Hitchcock

PROJECT NO.	F&G #06070
DATE	02-23-07
DRAWN BY	KJR
CHECKED BY	MLH
SHEET NAME	ELECTRICAL SCHEDULES & DETAILS
SHEET NO.	E4

02-23-07 100% C.D. ISSUE

Feb 23, 2007 - 9:54am
Q:06070 Jill's House06070.30 DesignElectricalConstruction Documents Electrical Floor Plans.dwg

Circuit Breaker Panel Mark: **'BP'**

Job Name: JILL'S HOUSE | Job #: FG#06070 | Date: 2/15/2007 | Location: MECH RM #009
Bus Size: 200A | Phase: 3-PHASE, 4-WIRE | Voltage L-L: 208 | MLO: X | MCB: | Poles: 42
Voltage L-N: 120

Remarks: SURFACE

Cir. No.	Item	Load Type	D.F.	Poles & Trip	Wattage (kW) A	B	C	Poles & Trip	D.F.	Load Type	Item	Cir. No.
1	Spare			1P20				1P20			Spare	2
3	Spare			1P20				1P20			Spare	4
5	Spare			1P20				1P20			Spare	6
7	SOFTENER	C		1P20	0.5			1P20		CO	C.O.'S	8
9	SOFTENER	C		1P20		0.5		1P20		CO	C.O.'S	10
11	GAS W.H. POWER VENT	C		1P20			0.5	1P20		CO	C.O.'S	12
13	GAS W.H. POWER VENT	C		1P20	0.5			1P20		CO	C.O.'S	14
15	RECIRC. PUMP	C		1P20		0.5		1P20		CO	C.O.'S	16
17	ELEV SHAFT J-BOX	C		1P20			0.5	1P20		C	ELEV. SUMP PUMP & E.F.	18
19	ELEV CONTROLLER	C		1P20	1.0			2P20		C	ELEC. WALL HEATER	20
21	F.A.C.P.	C		1P20		0.5				C		22
23	E.F.	C		3P20			0.6	1P20	0	M	O.H. DOOR	24
25		C			0.6			3P40		C	PUH	26
27		C				0.6				C		28
29	O.H. DOOR	M	0	1P20			0.5			C		30
31	ELEC. WALL HEATER	C		3P20	1.3			3P40		C	PUH	32
33		C				1.3				C		34
35		C					1.3			C		36
37	LIGHTS	C		1P20	1.2			1P20			Spare	38
39	LIGHTS	C		1P20		1.1		2P20		C	LIGHTS	40
41	LIGHTS	C		1P20			0.6			C		42
			Subtotals =		5.1	4.5	4.0	10.0	10.9	10.0		

Circuit Breaker Panel Mark: **'K'**

Job Name: JILL'S HOUSE | Job #: FG#06070 | Date: 2/15/2007 | Location: PANTRY 1 #125
Bus Size: 200A | Phase: 3-PHASE, 4-WIRE | Voltage L-L: 208 | MLO: X | MCB: | Poles: 42
Voltage L-N: 120

Remarks: FLUSH

Cir. No.	Item	Load Type	D.F.	Poles & Trip	Wattage (kW) A	B	C	Poles & Trip	D.F.	Load Type	Item	Cir. No.
1	Spare			1P20				1P20			Spare	2
3	Spare			1P20				1P20			Spare	4
5	Spare			1P20				1P20			Spare	6
7	REFRIG	C		1P20	1.0			1P20		K	DISPOSAL	8
9	REFRIG	C		1P20		1.0		1P20		K	DISPOSAL	10
11	REFRIG	C		1P20			1.0	1P20		K	DISPOSAL	12
13	REFRIG	C		1P20	1.0			1P20		K	DISPOSAL	14
15	REFRIG	C		1P20		1.0		1P20		K	DISHWASHER	16
17	REFRIG	C		1P20			1.0	1P20		K	DISHWASHER	18
19	C.O.'S & RANGE HOOD	CO		1P20	1.0			1P20		K	DISHWASHER	20
21	C.O.'S & RANGE HOOD	CO		1P20		1.0		1P20		K	DISHWASHER	22
23	C.O.'S & RANGE HOOD	CO		1P20			1.0	1P20		CO	C.O.'S & RANGE HOOD	24
25	C.O.'S	CO		1P20	0.8			1P20		C	LIGHTS	26
27	E.F.	C		1P20		0.7		1P20		C	LIGHTS	28
29	C.O.'S	CO		1P20			0.6	1P20		C	LIGHTS	30
31	LIGHTS	C		1P20	0.4			1P20		C	LIGHTS	32
33	RANGE/OVEN	K		2P50		4.0		1P20			SPARE	34
35		K					4.0	2P50		K	RANGE/OVEN	36
37	RANGE/OVEN	K		2P50	4.0					K		38
39		K				4.0		2P50		K	RANGE/OVEN	40
41	SPARE			1P20			4.0			K		42
			Subtotals =		8.2	11.7	7.6	9.6	7.6	12.0		

Circuit Breaker Panel Mark: **'1SA'**

Job Name: JILL'S HOUSE | Job #: FG#06070 | Date: 2/15/2007 | Location: PANTRY 1 #125
Bus Size: 250A | Phase: 3-PHASE, 4-WIRE | Voltage L-L: 208 | MLO: | MCB: | Poles: 42
Voltage L-N: 120

Remarks: FLUSH, FEED THRU LUGS

Cir. No.	Item	Load Type	D.F.	Poles & Trip	Wattage (kW) A	B	C	Poles & Trip	D.F.	Load Type	Item	Cir. No.
1	Spare			1P20				1P20			Spare	2
3	Spare			1P20				1P20			Spare	4
5	Spare			1P20				1P20			Spare	6
7	PTAC UNIT	C		2P30	2.1			2P30		C	PTAC UNIT	8
9		C				2.1				C		10
11	PTAC UNIT	C		2P20			1.5	2P20		C	PTAC UNIT	12
13		C			1.5					C		14
15	PTAC UNIT	C		2P20		1.5		2P20		C	PTAC UNIT	16
17		C					1.5			C		18
19	SPARE			1P20			2.9	2P40		C	HEAT PUMP	20
21	PTAC UNIT	C		2P30	2.1					C		22
23		C				2.1		2P40		C	HEAT PUMP	24
25	SPARE			1P20			2.9			C		26
27	HEAT PUMP	C		2P30	1.5			2P20		C	ELEC WALL HEATER	28
29		C				1.5				C		30
31												32
33												34
35												36
37												38
39												40
41												42
			Subtotals =		3.6	7.2	6.6	9.4	7.5	6.9		

Circuit Breaker Panel Mark: **'1SB'**

Job Name: JILL'S HOUSE | Job #: FG#06070 | Date: 2/15/2007 | Location: PANTRY 1 #125
Bus Size: 250A | Phase: 3-PHASE, 4-WIRE | Voltage L-L: 208 | MLO: X | MCB: | Poles: 42
Voltage L-N: 120

Remarks: FLUSH

Cir. No.	Item	Load Type	D.F.	Poles & Trip	Wattage (kW) A	B	C	Poles & Trip	D.F.	Load Type	Item	Cir. No.
1	Spare			1P20				1P20			Spare	2
3	Spare			1P20				1P20			Spare	4
5	Spare			1P20				1P20			Spare	6
7	C.O.'S & MISC. SMALL POWER	CO		1P20	1.5			1P20		CO	C.O.'S	8
9	C.O.'S & MISC. SMALL POWER	CO		1P20		0.7		1P20		CO	C.O.'S	10
11	C.O.'S & MISC. SMALL POWER	CO		1P20			1.2	1P20		CO	C.O.'S	12
13	C.O.'S & MISC. SMALL POWER	CO		1P20	0.6			1P20		CO	C.O.'S	14
15	C.O.'S & MISC. SMALL POWER	CO		1P20		1.1		1P20		CO	C.O.'S	16
17	C.O.'S	CO		1P20			0.8	1P20		CO	C.O.'S	18
19	LIGHTS	C		1P20	1.2			1P20			SPARE	20
21	C.O.'S	CO		1P20		1.2		1P20			SPARE	22
23	C.O.'S & MISC. SMALL POWER	CO		1P20			0.8	1P20		CO	C.O.'S	24
25	LIGHTS	C		1P20	1.2			1P20		C	LIGHTS	26
27	LIGHTS	C		1P20		0.9		1P20		C	LIGHTS	28
29	LIGHTS	C		1P20			1.3	1P20		C	LIGHTS	30
31												32
33												34
35												36
37												38
39												40
41												42
			Subtotals =		4.5	3.9	4.1	3.6	3.5	5.2		

Circuit Breaker Panel Mark: **'1NA'**

Job Name: JILL'S HOUSE | Job #: FG#06070 | Date: 2/15/2007 | Location: HALLWAY #113
Bus Size: 400A | Phase: 3-PHASE, 4-WIRE | Voltage L-L: 208 | MLO: | MCB: | Poles: 42
Voltage L-N: 120

Remarks: FLUSH, FEED THRU LUGS

Cir. No.	Item	Load Type	D.F.	Poles & Trip	Wattage (kW) A	B	C	Poles & Trip	D.F.	Load Type	Item	Cir. No.
1	Spare			1P20				1P20			Spare	2
3	Spare			1P20				1P20			Spare	4
5	Spare			1P20				1P20			Spare	6
7	PTAC UNIT	C		2P20	1.5			1P20		C	PTAC UNIT	8
9		C				1.5				C		10
11	PTAC UNIT	C		2P20			1.5	2P20		C	PTAC UNIT	12
13		C			1.5					C		14
15	PTAC UNIT	C		2P20		1.5		2P20		C	PTAC UNIT	16
17		C					1.5			C		18
19	PTAC UNIT	C		2P20	1.5			2P20		C	PTAC UNIT	20
21		C				1.5				C		22
23	PTAC UNIT	C		2P20			1.5	2P20		C	PTAC UNIT	24
25		C			1.5					C		26
27	PTAC UNIT	C		2P20		1.5		2P20		C	PTAC UNIT	28
29		C					1.5			C		30
31	PTAC UNIT	C		2P20	1.5			3P50		C	FAN COIL UNIT	32
33		C				1.5				C		34
35	HEAT PUMP	C		2P30			1.9			C		36
37		C			1.9			3P20		C	ELEC WALL HEATER	38
39						1.3				C		40
41							1.3			C		42
			Subtotals =		9.4	7.5	7.9	11.9	11.9	11.9		

Circuit Breaker Panel Mark: **'1NB'**

Job Name: JILL'S HOUSE | Job #: FG#06070 | Date: 2/15/2007 | Location: HALLWAY #113
Bus Size: 200A | Phase: 3-PHASE, 4-WIRE | Voltage L-L: 208 | MLO: | MCB: | Poles: 42
Voltage L-N: 120

Remarks: FLUSH, FEED THRU LUGS

Cir. No.	Item	Load Type	D.F.	Poles & Trip	Wattage (kW) A	B	C	Poles & Trip	D.F.	Load Type	Item	Cir. No.
1	Spare			1P20				1P20			Spare	2
3	Spare			1P20				1P20			Spare	4
5	Spare			1P20				1P20			Spare	6
7	GUEST ROOM POWER & LIGHT	CO		1P20	1.6			1P20		CO	GUEST ROOM POWER & LIGHT	8
9	RESTROOM POWER & LIGHT	CO		1P20		0.6		1P20		CO	RESTROOM POWER & LIGHT	10
11	GUEST ROOM POWER & LIGHT	CO		1P20			1.6	1P20		CO	GUEST ROOM POWER & LIGHT	12
13	RESTROOM POWER & LIGHT	CO		1P20	0.6			1P20		CO	RESTROOM POWER & LIGHT	14
15	GUEST ROOM POWER & LIGHT	CO		1P20		1.6		1P20		CO	GUEST ROOM POWER & LIGHT	16
17	RESTROOM POWER & LIGHT	CO		1P20			0.6	1P20		CO	RESTROOM POWER & LIGHT	18
19	GUEST ROOM POWER & LIGHT	CO		1P20	1.6			1P20		CO	GUEST ROOM POWER & LIGHT	20
21	RESTROOM POWER & LIGHT	CO		1P20		0.6		1P20		CO	RESTROOM POWER & LIGHT	22
23	GUEST ROOM POWER & LIGHT	CO		1P20			1.6	1P20		CO	GUEST ROOM POWER & LIGHT	24
25	RESTROOM POWER & LIGHT	CO		1P20	0.6			1P20		CO	RESTROOM POWER & LIGHT	26
27	C.O.'S	CO		1P20		1.4		2P30	0	M	DRYER	28
29	WASHER	M	0	1P20			1.0					30
31	WASHER	M	0	1P20	1.0			2P30	0	M	DRYER	32
33	IDF RACK	C		1P20		0.5			0	M		34
35	E.F.	C		1P20			1.2	1P20		CO	C.O.'S	36
37	LIGHTS	C		1P20	0.9							38
39	LIGHTS	C		1P20		1.2						40
41												42
			Subtotals =		6.3	5.9	6.0	6.4	6.8	7.0		

Circuit Breaker Panel Mark: **'2S'**

Job Name: JILL'S HOUSE | Job #: FG#06070 | Date: 2/15/2007 | Location: HALLWAY #225
Bus Size: 200A | Phase: 3-PHASE, 4-WIRE | Voltage L-L: 208 | MLO: X | MCB: | Poles: 42
Voltage L-N: 120

Remarks: FLUSH

Cir. No.	Item	Load Type	D.F.	Poles & Trip	Wattage (kW) A	B	C	Poles & Trip	D.F.	Load Type	Item	Cir. No.
1	Spare			1P20				1P20			Spare	2
3	Spare			1P20				1P20			Spare	4
5	Spare			1P20				1P20			Spare	6
7	PTAC UNIT	C		2P20	1.5			1P20		C	PTAC UNIT	8
9		C				1.5				C		10
11	PTAC UNIT	C		2P20			1.5	2P20		C	PTAC UNIT	12
13		C			1.5					C		14
15	PTAC UNIT	C		2P20		1.5		3P50		C	FAN COIL UNIT	16
17		C					4.6			C		18
19	GUEST ROOM POWER & LIGHT	CO		1P20	1.6			1P20		CO	GUEST ROOM POWER & LIGHT	20
21	RESTROOM POWER & LIGHT	CO		1P20		0.6		1P20		CO	RESTROOM POWER & LIGHT	22
23	GUEST ROOM POWER & LIGHT	CO		1P20			1.6	1P20		CO	GUEST ROOM POWER & LIGHT	24
25	RESTROOM POWER & LIGHT	CO		1P20	0.6			1P20		CO	RESTROOM POWER & LIGHT	26
27	GUEST ROOM POWER & LIGHT	CO		1P20		1.6		0.6		1P20	CO	RESTROOM POWER & LIGHT	28
29	RESTROOM POWER & LIGHT	CO		1P20			0.6		1.2	1P20	CO	C.O.'S	30
31								1.0		1P20	CO	C.O.'S & LIGHTS	32
33								1.0		1P20	CO	C.O.'S	34
35									0.7	1P20	C	LIGHTS	36
37													38
39													40
41													42
			Subtotals =		5.2	5.2	5.2	10.2	9.3	8.6		

Circuit Breaker Panel Mark: **'2NA'**

Job Name: JILL'S HOUSE | Job #: FG#06070 | Date: 2/15/2007 | Location: HALLWAY #218
Bus Size: 400A | Phase: 3-PHASE, 4-WIRE | Voltage L-L: 208 | MLO: X | MCB: | Poles: 42
Voltage L-N: 120

Remarks: FLUSH

Cir. No.	Item	Load Type	D.F.	Poles & Trip	Wattage (kW) A	B	C	Poles & Trip	D.F.	Load Type	Item	Cir. No.
1	Spare			1P20				1P20			Spare	2
3	Spare			1P20				1P20			Spare	4
5	Spare			1P20				1P20			Spare	6
7	PTAC UNIT	C		2P20	1.5			1P20		C	PTAC UNIT	8
9		C				1.5				C		10
11	PTAC UNIT	C		2P20			1.5	2P20		C	PTAC UNIT	12
13		C			1.5					C		14
15	PTAC UNIT	C		2P20		1.5		2P20		C	PTAC UNIT	16
17		C					1.5			C		18
19	PTAC UNIT	C		2P20	1.5			2P20		C	PTAC UNIT	20
21		C				1.5				C		22
23	PTAC UNIT	C		2P20			1.5	2P20		C	PTAC UNIT	24
25		C			1.5					C		26
27	PTAC UNIT	C		2P20		1.5		2P20		C	PTAC UNIT	28
29		C					1.5			C		30
31	PTAC UNIT	C		2P20	1.5			1P20		C	ELEC WALL HEATER	32
33		C				1.5		1.0		C		34
35												36
37												38
39												40
41												42
			Subtotals =		7.5	7.5	6.0	7.0	7.0	6.0		

Circuit Breaker Panel Mark: **'2NB'**

Job Name: JILL'S HOUSE | Job #: FG#06070 | Date: 2/15/2007 | Location: HALLWAY #218
Bus Size: 200A | Phase: 3-PHASE, 4-WIRE | Voltage L-L: 208 | MLO: X | MCB: | Poles: 42
Voltage L-N: 120

Remarks: FLUSH

Cir. No.	Item	Load Type	D.F.	Poles & Trip	Wattage (kW) A	B	C	Poles & Trip	D.F.	Load Type	Item	Cir. No.
1	Spare			1P20				1P20			Spare	2
3	Spare			1P20				1P20			Spare	4
5	Spare			1P20				1P20			Spare	6
7	GUEST ROOM POWER & LIGHT	CO		1P20	1.6			1P20		CO	GUEST ROOM POWER & LIGHT	8
9	RESTROOM POWER & LIGHT	CO		1P20		0.6		1P20		CO	RESTROOM POWER & LIGHT	10
11	GUEST ROOM POWER & LIGHT	CO		1P20			1.6	1P20		CO	GUEST ROOM POWER & LIGHT	12
13	RESTROOM POWER & LIGHT	CO		1P20	0.6			1P20		CO	RESTROOM POWER & LIGHT	14
15	GUEST ROOM POWER & LIGHT	CO		1P20		1.6		1P20		CO	GUEST ROOM POWER & LIGHT	16
17	RESTROOM POWER & LIGHT	CO		1P20			0.6	1P20		CO	RESTROOM POWER & LIGHT	18
19	GUEST ROOM POWER & LIGHT	CO		1P20	1.6			1P20		CO	GUEST ROOM POWER & LIGHT	20
21	RESTROOM POWER & LIGHT	CO		1P20		0.6		1P20		CO	RESTROOM POWER & LIGHT	22
23	GUEST ROOM POWER & LIGHT	CO		1P20			1.6	1P20		CO	GUEST ROOM POWER & LIGHT	24
25	RESTROOM POWER & LIGHT	CO		1P20	0.6			1P20		CO	RESTROOM POWER & LIGHT	26
27	C.O.'S	CO		1P20		1.2		2P30	0	M	DRYER	28
29	WASHER	M	0	1P20			1.0					30
31	WASHER	M	0	1P20	1.0			2P30	0	M	DRYER	32
33	IDF RACK	C		1P20		0.5			0	M		34
35	LIGHTS	C		1P20			0.7		1.2	1P20	CO	C.O.'S	36
37	LIGHTS	C		1P20	0.6				0.6	1P20	CO	C.O.'S	38
39													40
41													42
			Subtotals =		6.0	4.5	5.5	7.0	6.8	7.0		

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A Facility for:
JILL'S HOUSE
751 East Tamarack Trail
BLOOMINGTON, INDIANA 47408

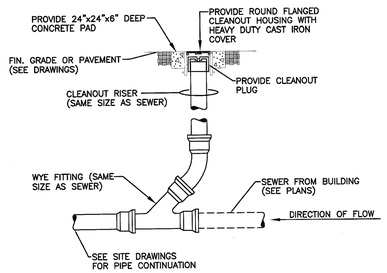
MARVIN L. HITCHCOCK
REGISTERED
No. 18676
STATE OF INDIANA
PROFESSIONAL ENGINEER

Marvin L. Hitchcock

PROJECT NO. F&G #06070
DATE 02-23-07
DRAWN BY KJR
CHECKED BY MLH
SHEET NAME ELECTRICAL PANELBOARD SCHEDULES
SHEET NO. E5

02-23-07 100% C.D. ISSUE

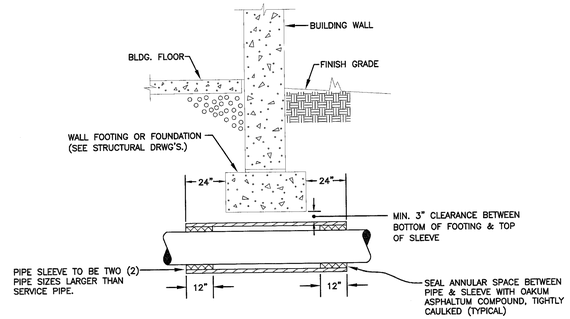
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DETAIL B/P1

TYPICAL EXTERIOR CLEANOUT

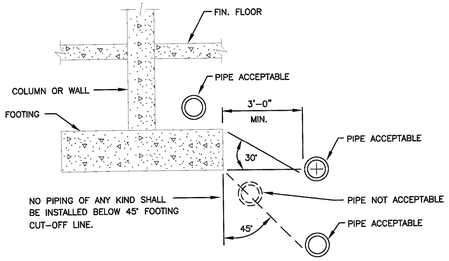
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DETAIL C/P1

TYPICAL PIPE PASSING UNDER FOOTER

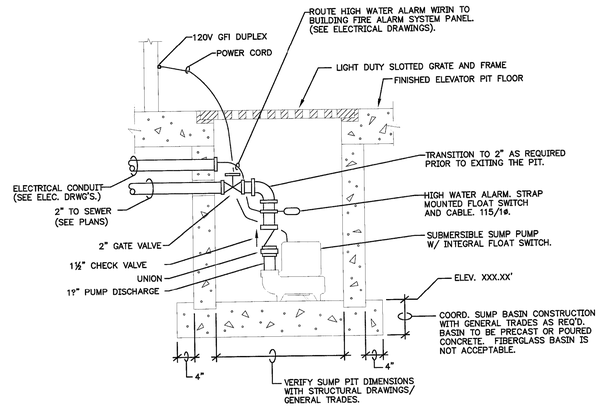
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DETAIL D/P1

TYPICAL SEWER/FOOTING INSTALLATION

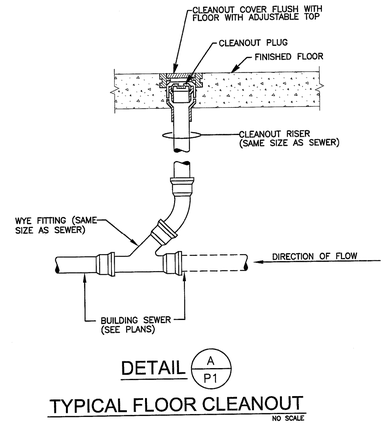
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DETAIL E/P1

SUMP PUMP DETAIL

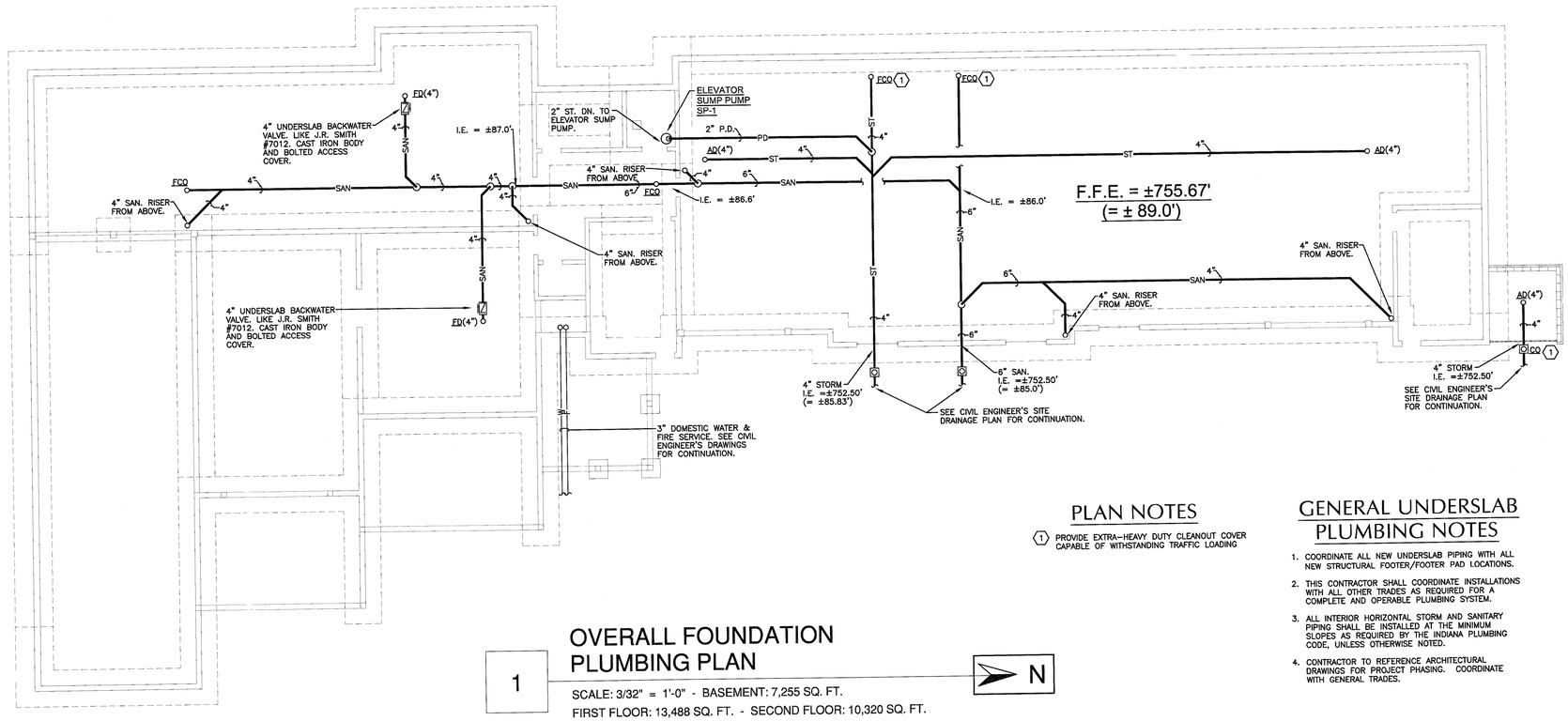
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DETAIL A/P1

TYPICAL FLOOR CLEANOUT

NO SCALE



PLAN NOTES

(1) PROVIDE EXTRA-HEAVY DUTY CLEANOUT COVER CAPABLE OF WITHSTANDING TRAFFIC LOADING

GENERAL UNDERSLAB PLUMBING NOTES

1. COORDINATE ALL NEW UNDERSLAB PIPING WITH ALL NEW STRUCTURAL FOOTER/FOOTER PAD LOCATIONS.
2. THIS CONTRACTOR SHALL COORDINATE INSTALLATIONS WITH ALL OTHER TRADES AS REQUIRED FOR A COMPLETE AND OPERABLE PLUMBING SYSTEM.
3. ALL INTERIOR HORIZONTAL STORM AND SANITARY PIPING SHALL BE INSTALLED AT THE MINIMUM SLOPES AS REQUIRED BY THE INDIANA PLUMBING CODE, UNLESS OTHERWISE NOTED.
4. CONTRACTOR TO REFERENCE ARCHITECTURAL DRAWINGS FOR PROJECT PHASING. COORDINATE WITH GENERAL TRADES.

1 OVERALL FOUNDATION PLUMBING PLAN

SCALE: 3/32" = 1'-0" - BASEMENT: 7,255 SQ. FT.
FIRST FLOOR: 13,488 SQ. FT. - SECOND FLOOR: 10,320 SQ. FT.

N

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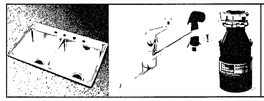
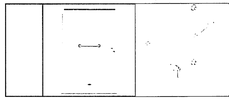
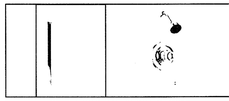
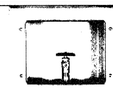
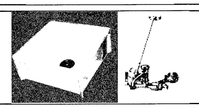
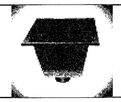
MIKEL C. ROBINSON REGISTERED No. 18666 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT NO.	F&G #06070
DATE	02-23-07
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CHECKED BY	JGE
SHEET NAME	OVERALL FOUNDATION PLUMBING PLAN
SHEET NO.	P1

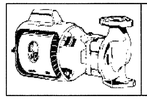
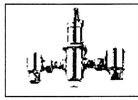
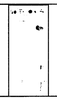
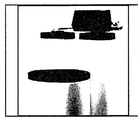
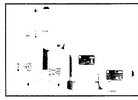
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PLUMBING FIXTURE SCHEDULE

FIXTURE		DESCRIPTION ("A" SUFFIX INDICATES ADA COMPLIANT FIXTURE - I.E.: WC-1A)	DESIGN BASIS
	WC-1	FLOOR MOUNTED, GRAVITY TANK-TYPE WATER CLOSET * FLOOR MOUNTED, WIDE TRAPWAY, 1.6 GPF, ELONGATED BOWL, GRAVITY FEED, TRIP LEVER–CHROME PLATED, SECURED TANK COVER AND CLOSED–COUPLED EQUAL TO TOTO "DRAKE". * ELONGATED BOWL, WITH COVER, CLOSED BACK / CLOSED FRONT, SELF SUSTAINING CHECK HINGE WITH SLOW CLOSING COVER FEATURE.	* TOTO "DRAKE" #CST744S * BEMIS #1200SLOW
	WC-1A	SAME AS ABOVE EXCEPT THE FOLLOWING: * ADA COMPLIANT HEIGHT.	* TOTO "DRAKE" #CST744SL
	LAV-1	WALL HUNG LAVATORY W/ LEVER HANDLE FAUCET: * 20" X 18", INTEGRAL HIGH–BACK, WALL–HUNG, 4" CENTERSET, EQUAL TO GERBER "MONTICELLO II". * ADA COMPLIANT SINGLE LEVER HANDLE FAUCET, 0.5 GPM AERATOR; EQUAL TO DELTA. * 1¼" TAILPIECE AND ADJUSTABLE 1¼" P–TRAP WITH CLEANOUT. * HEAVY DUTY SUPPLIES WITH OVAL HANDLES EQUAL TO DELTA. * GRID DRAIN STRAINER.	* GERBER "MONTICELLO II" #12–654 * DELTA FAUCET #501 * DELTA #4712312
	LAV-1A	SAME AS ABOVE EXCEPT THE FOLLOWING: * TRUEBRO #103 WHITE FLEXIBLE OFFSET DRAIN AND SUPPLIES INSULATION KIT. * ADA COMPLAINT OFFSET GRID DRAIN STRAINER. * MOUNTED AT ADA COMPLIANT HEIGHT (34" A.F.F. TO RIM).	* TRUEBRO #103
	LAV-2	COUNTERTOP MOUNTED LAVATORY W/ LEVER HANDLE FAUCET: * 20" X 17", COUNTERTOP MOUNTED; "SELF–RIMMING". * ADA COMPLIANT SINGLE LEVER HANDLE FAUCET, 0.5 GPM AERATOR. * 1¼" TAILPIECE AND ADJUSTABLE 1¼" P–TRAP WITH CLEANOUT. * HEAVY DUTY SUPPLIES WITH OVAL HANDLES EQUAL TO DELTA. * GRID DRAIN STRAINER.	* GERBER "LUX–OVAL SELF–RIMMING" #12–844 * DELTA FAUCET #501 * DELTA #4712312
	SK-1	(2) COMPARTMENT KITCHEN SINK W/ SPRAYER AND GARBAGE DISPOSER: * 33"(L) X 22"(W) OVERALL, 8" DEEP, TWO COMPARTMENT, FOUR HOLE PUNCHED TO MATCH FAUCET; * 8" SWING SPOUT, ADA COMPLIANT SINGLE LEVER HANDLE, HAND SPRAYER, AND 2.0 GPM AERATOR; * ½ HP, 115V/60/1Ø, STAINLESS STEEL FLANGE AND STOPPER, SWIVEL LOCK SINK MOUNTING. PROVIDE ALL ACCESSORIES AS REQUIRED. * 1½" TAILPIECE, ADJUSTABLE 1½" P–TRAP WITH CLEANOUT. * HEAVY DUTY SUPPLIES WITH OVAL HANDLES EQUAL TO DELTA. * DRAIN STRAINER AS REQUIRED.	* ELKAY "DAYTON–ELITE" #DSE–23322 * DELTA FAUCET #400 * DELTA #4712312 * IN–SINK–ERATOR BADGER 5
	SH-1	ADA COMPLIANT ONE-PIECE SHOWER UNIT AND VALVE * ONE–PIECE GEL–COAT FIBERGLASS SHOWER UNIT WITH TEXTURED BOTTOM. PROVIDE 3" CENTER DRAIN AS REQUIRED. 62"X33"X80" TALL (O.D.), WHITE FINISH WITH STAINLESS STEEL GRAB BARS; FOLD UP SEAT, AND "NO RECESS NECESSARY" THRESHOLD * PRESSURE BALANCING MIXING VALVE. * HAND–HELD SHOWER HEAD WITH BRACKET; DIVERTER VALVE AND 2.5 GPM FIXED SHOWER HEAD, ARM, AND FLANGE; IN–LINE BACKFLOW PREVENTER; VINYL SHOWER CURTAIN WITH ROD AND HOOKS. * SHOWER VALVE AND TRIM ARE TO BE FIELD INSTALLED AS REQUIRED.	* AQUARIUS G6233 BF * #7951H THRESHOLD * BRADLEY EQUA–FLO #HN300–EF–HD * BRADLEY "ESF"
	SH-1	ACCESSIBLE ONE-PIECE SHOWER UNIT AND VALVE: * ONE–PIECE GEL–COAT FIBERGLASS SHOWER UNIT WITH TEXTURED BOTTOM. PROVIDE 3" CENTER DRAIN AS REQUIRED. 48"X37"X78" TALL (O.D.), WHITE FINISH WITH MOLDED SEAT AND SHELVES, 3/4" THRESHOLD, AND STAINLESS STEEL GRAB BARS. * PRESSURE BALANCING MIXING VALVE. * HAND–HELD SHOWER HEAD WITH BRACKET; DIVERTER VALVE AND 2.5 GPM FIXED SHOWER HEAD, ARM, AND FLANGE; IN–LINE BACKFLOW PREVENTER; VINYL SHOWER CURTAIN WITH ROD AND HOOKS. * SHOWER VALVE AND TRIM ARE TO BE FIELD INSTALLED AS REQUIRED.	* AQUARIUS G4837 SH * #7951H THRESHOLD * BRADLEY EQUA–FLO #HN300–EF–HD * BRADLEY "ESF"
	BT-1	STANDARD ONE-PIECE BATHTUB/ SHOWER UNIT AND VALVE: * ONE–PIECE GEL–COAT FIBERGLASS BATHTUB/ SHOWER UNIT WITH TEXTURED BOTTOM. PROVIDE 2" CHROME PLATED DRAIN. 60" X 32¾" X 74¾ TALL, TWIN WALL SHELVES, SOAP LEDGE W/ ACRYLIC BAR, OVERFLOW, ETC. COORDINATE LEFT, RIGHT DRAIN CONFIGURATION. * PRESSURE BALANCING VALVE WITH "SCALD–GUARD", SINGLE LEVER HANDLE, STANDARD 2.5 GPM SHOWER HEAD, ARM FLANGE AND DIVERTER TUB SPOUT. * VINYL SHOWER CURTAIN WITH ROD AND HOOKS. * COORDINATE CONFIGURATION WITH ARCHITECT, NO PLUG MECHANISM AT OVERFLOW, MANUAL DRAIN PLUG.	* AQUARIUS G6087 TS * DELTA BATH VALVES MODEL #1343–NPS
	WASH-1	WASHING MACHINE SUPPLY BOX * WALL MOUNTED RECESSED BOX WITH TRIM FLANGE EQUAL TO GUY GRAY. * ½" BOTTOM SUPPLIES, 2" WASTE STANDPIPE.	* GUY GRAY #B200
	ICE-1	ICEMAKER SUPPLY BOX * WALL MOUNTED RECESSED BOX WITH TRIM FLANGE EQUAL TO GUY GRAY. * ½" BOTTOM SUPPLY.	* GUY GRAY #BIM875
	NFWH-1	NON-FREEZE WALL HYDRANT (RECESSED MOUNTED) * RECESS MOUNTED, LOCKING COVER BOX EQUAL TO WOODFORD. * 3/4" THREADED HOSE OUTLET WITH REMOVABLE TEE HANDLE. * CHROME PLATED FINISH WITH NO WALL FLANGE. * SPOUT OUTLET VACUUM BREAKER WITH 3/4" HOSE INLET AND OUTLET.	* WOODFORD #B65
	MB-1	FLOOR MOUNTED MOP SINK * 24" X 24" X 10", FLOOR MOUNTED EQUAL TO FIAT. * SERVICE SINK FAUCET EQUAL TO ZURN, INTEGRAL VACUUM BREAKER 3/4" THREADED HOSE SPOUT WITH PAIL HOOK, ADA COMPLIANT, 2½" LEVER HANDLES AND WALL BRACE. * SUPPLY ARMS ADJUSTABLE FROM 4" TO 8–3/8" CENTERS (SET ON 8" CENTERS), ALL PARTS POLISHED CHROME FINISH.	* FIAT #MSB–2424 * ZURN #Z–841M1
	FD-A	STANDARD SLAB-ON-GRADE FLOOR DRAIN * EQUAL TO J.R. SMITH. * CAST IRON BODY AND FLASHING. * NICKEL–BRONZE, ROUND ADJUSTABLE STRAINER HEAD, SECURED SQUARE HOLE GRATE. * INTEGRAL DEEP SEAL "P–TRAP" AND CLEANOUT. * CONTRACTOR IS TO COORDINATE OUTLET TYPE WITH PIPE MATERIAL TO BE PROVIDED.	* J.R. SMITH SERIES #2040–A
	FD-B	SOFTENER HOPPER DRAIN - SLAB-ON-GRADE * EQUAL TO J.R. SMITH. * CAST IRON HOPPER DRAIN AND CAST IRON GRATE. * SEDIMENT BUCKET. * INTEGRAL DEEP SEAL "P–TRAP" AND CLEANOUT. * CONTRACTOR IS TO COORDINATE OUTLET TYPE WITH PIPE MATERIAL TO BE PROVIDED.	* J.R. SMITH #2630
	AD-B	STANDARD AREA DRAIN - SLAB-ON-GRADE * EQUAL TO J.R. SMITH. * CAST IRON BODY, FLASHING COLLAR, JICKEL BRONZE TOP. * SEDIMENT BUCKET.	* J.R. SMITH #2141T–04–B–NB

PLUMBING EQUIPMENT SCHEDULE

EQUIPMENT ID		DESCRIPTION		DESIGN BASIS
	RCP-1	* PROVIDE ONE (1) DOMESTIC HOT WATER RECIRCULATING PUMP. * 1/6 HP, 115/60/1ø, 1725 RPM WITH BRONZE BODY. * CAPABLE OF 5 GPM AT 20' T.D.H.		LIKE B & G MODEL #PR–1
	TMV-1	* PROVIDE ONE (1) HI–LO THERMOSTATIC MIXING VALVE (SINGLE VALVE) * PROVIDE ROUGH BRONZE FINISH AND MOUNT ON WALL EXPOSED. * VALVE IS TO BE CAPABLE OF 0.50 GPM MIN. FLOW WHEN SYSTEM IS RECIRCULATED. * CAPABLE OF A MIN. FLOW OF 5 GPM (ASSE 1017). * PEAK FLOW OF 45 GPM AT 10 PSI DROP (66 GPM AT 20 PSI DROP).		"HI–LO HYDROGUARD" LIKE POWERS MODEL #1434–RB
	WH-1 WH-2	* NATURAL GAS–FIRED WATER HEATER SEALED COMBUSTION – HIGH EFFICIENCY * DIRECT–VENTING SYSTEM. * PROVIDE T&P RELIEF VALVE AND ROUTE TO NEAREST FLOOR DRAIN AS REQUIRED. * 120V/60/1ø CORD AND PLUG FOR POWER VENTING. * PVC COMBUSTION AIR AND FLUE VENTING PER MANUFACTURER'S RECOMMENDATIONS.	* PROVIDE DIELECTRIC CONNECTIONS AS REQUIRED. * HANDHOLE CLEANOUT. * 100 GALLON CAPACITY, 199,999 BTU/HR INPUT (NATURAL GAS), 1750 LBS (FULL). * 238 GPH RECOVERY AT 100°F RISE. CONTRACTOR TO NOTE: 4" PVC VENT PIPING HAS A MAX. TOTAL EQUIV. LENGTH OF 150'–0"	LIKE LOCHINVAR "TURBO CHARGER" MODEL #TRN200–100
	SOFT-1 SOFT-2	* PROVIDE ONE (1) COMPLETE DUPLEX WATER SOFTENER SYSTEM. * EACH SOFTENER WITH A RATED CAPACITY OF 190,000 GRAINS AT 15 LBS/ CUBIC FOOT. * EACH SOFTENER WITH A 43 GPM CONTINUOUS FLOW RATE AT 10.0 PSI SOFTENER PRESSURE DROP. * 5.0 CUBIC FEET OF MEDIA, 2" VALVE AND 15 GPM BACKWASH FLOW RATE. * 120V/60/1ø CORD AND PLUG. * PROVIDE SOFTENER CONTROLLER CAPABLE OF OPERATING THE TWIN SYSTEM IN ALTERNATING MODE OR PARALLEL MODE WITH DEMAND/DELAYED REGENERATION PROGRAMMING.		AQUA SYSTEMS MODEL #2900–500 CONTROLLER: 3214NT
	BRINE-1	* PROVIDE ONE (1) BULK STYLE BRINE TANK. * RATED SALT CAPACITY OF 1500 LBS. * DIMENSIONS OF 24" X 50".		
	ET-1	* PROVIDE ONE (1) THERMAL EXPANSION TANK. * 10 GALLON ACCEPTANCE VOLUME AND 12 GALLON TOTAL VOLUME. * FLOOR MOUNTED ASME RATED TANK.		LIKE AMTROL "THERMO–X–TROL" MODEL #ST–30V–C
	SP-1	* PROVIDE ONE (1) SUBMERSIBLE SUMP PUMP. * PUMP MOUNTED FLOAT SWITCH. * HIGH WATER ALARM. * STRAP MOUNTED FLOAT SWITCH AND CABLE. * WATERPROOF CORD AND GROUNDED PLUG.	* CAPABLE OF 25 GPM AT 22' T.D.H. * ½ HP, 120/60/1ø, 1750 RPM. * 1¼" DISCHARGE. * SEE DETAIL E/P1	LIKE HYDROMATIC MODEL #OSP50–A1

PLUMBING SYMBOLS, PIPING SPECIALTIES & VALVES

- ANGLE VALVE
- REDUCED PRESSURE BACKFLOW PREVENTER (RPZ)
- BALANCING VALVE
- BALL VALVE
- BUTTERFLY VALVE
- CHECK VALVE
- COLD WATER PIPING
- HOT WATER PIPING
- HOT WATER PIPING RETURN
- NATURAL GAS PIPING (G)
- FIRE WATER SERVICE PIPING (SITE) (F)
- DOMESTIC WATER SERVICE PIPING (SITE) (W)
- FLOW SWITCH
- GAS COCK
- GATE VALVE
- PRESSURE REGULATING/ REDUCING VALVE
- RELIEF VALVE (R)
- STRAINER
- VALVE IN RISER
- ELL UP
- ELL DOWN
- TEE UP
- TEE DOWN
- CAP
- PIPE SLEEVE
- CONCENTRIC REDUCER (OR INCREASER)
- ECCENTRIC REDUCER (OR INCREASER)
- FLEX CONNECTION
- THERMOMETER
- PRESSURE GAUGE
- PITCH DOWN IN DIRECTION OF ARROW
- DIRECTION OF FLOW
- WATER HAMMER ARRESTOR
- SANITARY AND/OR STORM PIPE (SAN)
- SANITARY AND/OR STORM PIPE BELOW FLOOR (SAN)
- EXISTING SANITARY AND/OR STORM PIPE (XSAN)
- VENT PIPE (V)
- CLEANOUT ON WALL (W/ COVER PLATE)
- CLEANOUT IN SUSPENDED PIPE
- CLEANOUT
- RODDING HOLE
- WALL HYDRANT
- WHA (1) LETTER INDICATES PDI RATING
- (1) PLAN NOTE SYMBOL (NUMBER IDENTIFIES NOTE)
- (A / P1–1) LETTER IDENTIFIES DETAIL; NUMBER IDENTIFIES DRAWING NUMBER OF DETAIL
- CONNECT TO EXISTING

NOTE: ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT

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A Facility for:
JILL'S HOUSE
751 East Tamarack Trail
BLOOMINGTON, INDIANA 47408

MIKEL C. ROBINSON REGISTERED No. 18666 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT NO.	F&G #06070
DATE	02–23–07
DRAWN BY	DNT
CHECKED BY	JGE

SHEET NAME: PLUMBING SCHEDULES & SYMBOLS

SHEET NO.: P5

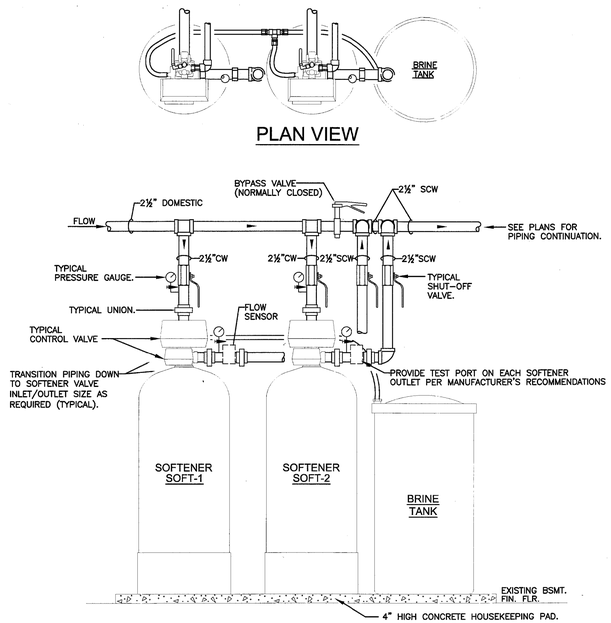
02-23-07 100% C.D. ISSUE

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PLUMBING ABBREVIATIONS

ABV	ABOVE	F.H.C.	FIRE HOSE CABINET	O OR OXY	OXYGEN
ACP	ACCESS PANEL	FDN.	FOUNDATION	O.F.C.I.	OWNER FURNISHED – CONTRACTOR INSTALLED
A.D.	AREA DRAIN	FTG.	FOOTING		
A.F.F.	ABOVE FINISHED FLOOR			OPNG.	OPENING
ABAN	ABANDON(ED)	G	NATURAL GAS		
ARCH	ARCHITECT(URAL)	GAL.	GALLONS	P.C.	PLUMBING CONTRACTOR
APW	ACID PROOF WASTE	G.P.H.	GALLONS PER HOUR	P.D.I.	PLUMBING AND DRAINAGE INSTITUTE
APV	ACID PROOF VENT	G.P.M.	GALLONS PER MINUTE	PLBG./PLUMB.	PLUMBING
A	COMPRESSED AIR	G.C.	GENERAL CONTRACTOR	PD	PRESSURE DROP(IN. OR W.C.)
APPROX.	APPROXIMATE	G.P.D.	GALLONS PER DAY	PH.	PHASE
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEER'S	GR.	GRAINS	P.I.V.	POST INDICATOR VALVE
				P.S.I.	POUNDS PER SQUARE INCH
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	HB	HOSE BIBB	P.P.M.	PARTS PER MILLION
		HP	HORSEPOWER	PVC	POLYVINYL CHLORIDE
AWWA	AMERICAN WATER WORKS ASSOCIATION	HVAC	HEATING, VENTILATION, AND AIR CONDITIONING	PRV	PRESSURE REDUCING VALVE
				PW	PURIFIED WATER
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	HW	DOMESTIC HOT WATER		
		HWR	DOMESTIC HOT WATER RETURN	R.C.	ROOF CONDUCTOR
		HD.	HEAD(FT.)	R.D.	ROOF DRAIN
BSMT	BASEMENT	HG	MERCURY	R.H.	RODDING HOLE
BFP	BACKFLOW PREVENTER	HORIZ.	HORIZONTAL	RPZ	REDUCED PRESSURE PRINCIPLE TYPE BACKFLOW PREVENTER
BLDG	BUILDING	HR.	HOUR		
BTM	BOTTOM	H–O–A	HAND–OFF–AUTOMATIC	RCP	DOMESTIC HOT WATER RECIRCULATING PUMP OR REINFORCED CONCRETE PIPE REQUIRED
B.T.	BATHTUB	HTR.	HEATER		
				REQ'D	ROOM
C.I.	CAST IRON	I.D.	INSIDE DIAMETER	RM	REVERSE OSMOSIS WATER
CLG	CEILING	I.E.	INVERT ELEVATION	R.O.	REVOLUTIONS PER MINUTE
CO	CLEANOUT	INV.	INVERT	RPM	
COORD.	COORDINATE	IN. WC.	INCHES WATER COLUMN		
CW	DOMESTIC COLD WATER	IN.	INCH	SAN.	SANITARY
CA	COMPRESSED AIR	I.P.S.	IRON PIPE SIZE/INTERNATIONAL PIPE STANDARD	SCW	DOMESTIC SOFT COLD WATER
CONC	CONCRETE			SHT.	SHEET
CONST.	CONSTRUCTION	IRR.	IRRIGATION	SK	SINK
CONT.	CONTINUOUS	INT.	INTERIOR	ST	STORM
		INCL.	INCLUDE	S.S.	STAINLESS STEEL
D.I.	DUCTILE IRON OR DEIONIZED WATER	I.D.E.M.	INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT	STOR.	STORAGE
DN.	DOWN			S.F.	SQUARE FOOT
D.S.	DOWNSPOUT	I.S.D.H.	INDIANA STATE DEPARTMENT OF HEALTH	SH	SHOWER
DDCVA	DOUBLE DETECTOR CHECK VALVE ASSEMBLY			SPEC	SPECIFICATIONS
		K.E.C.	KITCHEN EQUIPMENT CONTRACTOR	SQ.	SQUARE
DCVA	DOUBLE CHECK VALVE ASSEMBLY	K.W.	KILOWATT	STD.	STANDARD
D.F.	DRINKING FOUNTAIN			STRUCT.	STRUCTURAL
DIA	DIAMETER	LAV.	LAVATORY	SHW	DOMESTIC SOFT HOT WATER
DWG	DRAWING	LAB.	LABORATORY		
DWV	DRAINAGE, WASTE, AND VENT	LB.	POUND	T.D.	TRENCH DRAIN
DEPT.	DEPARTMENT	LP	LIQUID PETROLEUM	T.D.H.	TOTAL DYNAMIC HEAD
DISCH.	DISCHARGE	LA	LABORATORY AIR	TMV	THERMOSTATIC MIXING VALVE
		LOC.	LOCATION	TEMP.	TEMPERATURE
E.C.	ELECTRICAL CONTRACTOR	LV	LABORATORY VACUUM	TYP.	TYPICAL
ELEC	ELECTRIC/ELECTRICAL	LT	LAUNDRY TUB		
E.T.R.	EXISTING TO REMAIN			U.G.	UNDERGROUND
E.T.	EXPANSION TANK	MB	MOP BASIN	UR	URINAL
EWC	ELECTRIC WATER COOLER	M.C.	MECHANICAL CONTRACTOR	UL	UNDERWRITER'S LABORATORIES
EX. OR EXIST.	EXISTING	MECH.	MECHANICAL	U.N.O.	UNLESS NOTED OTHERWISE
ELEV.	ELEVATOR OR ELEVATION	MAX.	MAXIMUM		
ES	EMERGENCY SHOWER	M.H.	MANHOLE	V	VENT
EEW	EMERGENCY EYEWASH	MIN.	MINIMUM	VB	VACUUM BREAKER
EXT.	EXTERIOR	MISC.	MISCELLANEOUS	V.S.	VENT STACK
ENCL.	ENCLOSURE	MS	MOP SINK	V.T.R.	VENT THRU ROOF
EA.	EACH	MTD.	MOUNTED	VAC	VACUUM
		MFGR.	MANUFACTURER	VERT.	VERTICAL
F.D	FLOOR DRAIN OR FIRE DEPARTMENT	MA	MEDICAL AIR		
FIN. FLR.	FINISHED FLOOR	MVAC	MEDICAL VACUUM	W	WASTE
F.F.E.	FINISHED FLOOR ELEVATION			WC	WATER CLOSET
F.D.C.	FIRE DEPARTMENT SIAMESE CONNECTION	NFWH	NON–FREEZE WALL HYDRANT	W.H.A.	WATER HAMMER ARRESTER
		NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	W.S.	WASTE STACK
				W/	WITH
F.P.C.	FIRE PROTECTION CONTRACTOR			W/O	WITHOUT
F.S.E.C.	FOOD SERVICE EQUIPMENT CONTRACTOR	N	NITROGEN	WCO	WALL CLEANOUT
		N.C.	NORMALLY CLOSED	WTR.	WATER
FT.	FEET/FOOT	N.O.	NORMALLY OPEN	WH	WALL HYDRANT
FIXT.	PLUMBING FIXTURE	N.I.C.	NOT IN CONTRACT		
FCO	FLOOR CLEANOUT	NTS	NOT TO SCALE		
FLR.	FLOOR				
F.S.	FLOOR SINK	O.F.D.	OVERFLOW DRAIN		
FM	FACTORY MUTUAL	O.S.D.	OPEN SITE DRAIN		

NOTE: ALL ABBREVIATIONS MAY NOT BE USED ON THIS PROJECT

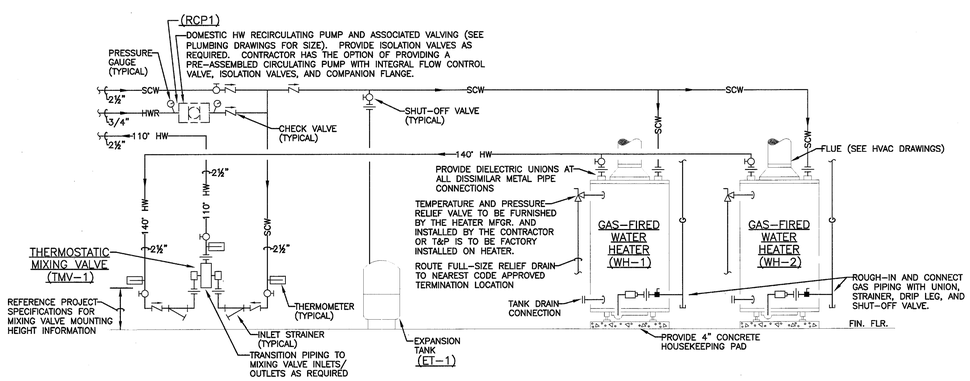


NOTE: SYSTEM CONTROLLER IS TO BE CAPABLE OF RUNNING THE TWIN SOFTENERS IN ALTERNATING OR PARALLEL MODE

DETAIL C/P6

DUPLEX WATER SOFTENER SYSTEM PIPING DIAGRAM (FIBERGLASS TANK)

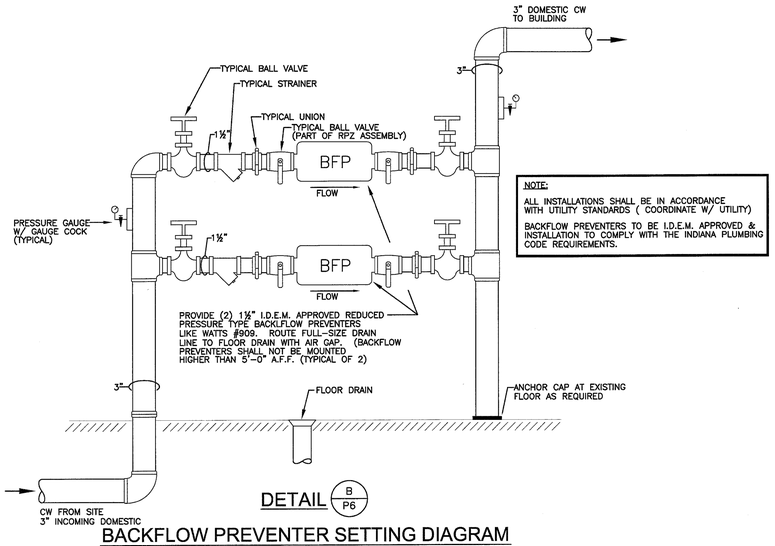
NO SCALE



DETAIL A/P6

GAS-FIRED "TANK-TYPE" WATER HEATER PIPING DIAGRAM

NO SCALE



NOTE:
ALL INSTALLATIONS SHALL BE IN ACCORDANCE WITH UTILITY STANDARDS (COORDINATE W/ UTILITY)

BACKFLOW PREVENTERS TO BE I.D.E.M. APPROVED & INSTALLATION TO COMPLY WITH THE INDIANA PLUMBING CODE REQUIREMENTS.

DETAIL B/P6

BACKFLOW PREVENTER SETTING DIAGRAM

NO SCALE

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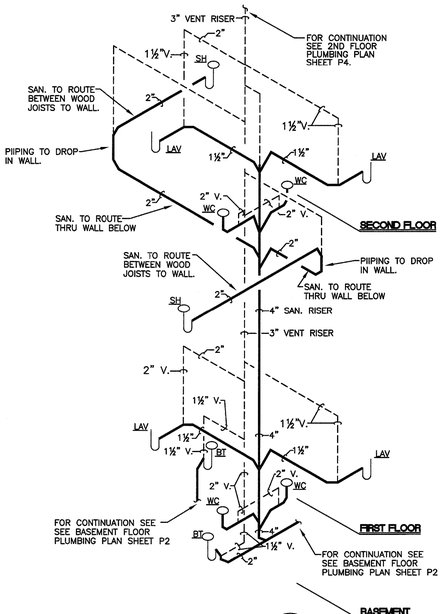
A Facility for:
JILL'S HOUSE
751 East Tamarack Trail
BLOOMINGTON, INDIANA 47408

MICHEL C. ROBINSON REGISTERED No. 18666 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT NO.	F&G #06070
DATE	02–23–07
DRAWN BY	DNT
CHECKED BY	JGE
SHEET NAME	PLUMBING DETAILS & ABBREVIATIONS
SHEET NO.	P6

23-07 100% C.D. ISSUE

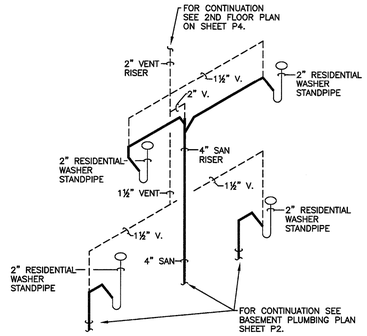
Feb 23, 2007 – 8:46am
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DETAIL A/P2

TYPICAL BATHROOM SANITARY RISER

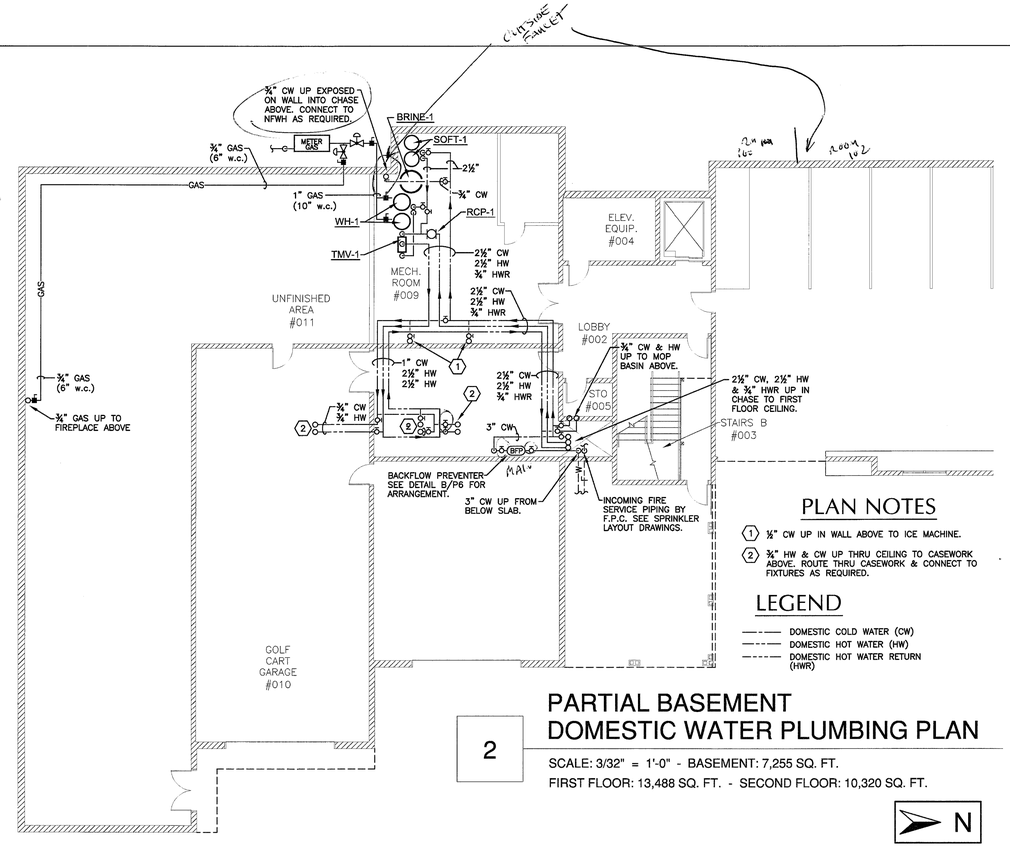
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DETAIL B/P2

WASHER STANDPIPE RISER

NO SCALE



PLAN NOTES

1. ½" CW UP IN WALL ABOVE TO ICE MACHINE.
2. ¾" HW & CW UP THRU CEILING TO CASEWORK ABOVE. ROUTE THRU CASEWORK & CONNECT TO FIXTURES AS REQUIRED.

LEGEND

- DOMESTIC COLD WATER (CW)
- DOMESTIC HOT WATER (HW)
- DOMESTIC HOT WATER RETURN (HWR)

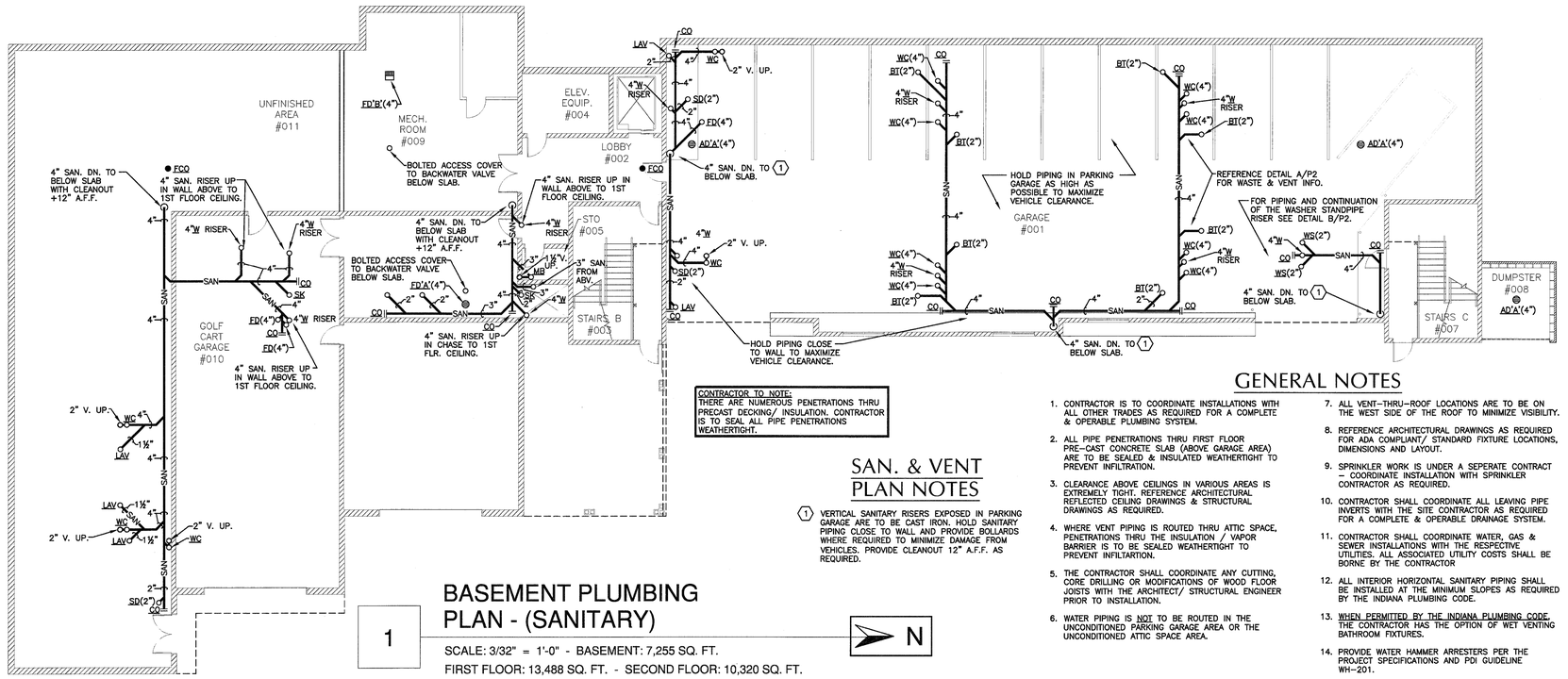
PARTIAL BASEMENT DOMESTIC WATER PLUMBING PLAN

2

SCALE: 3/32" = 1'-0" - BASEMENT: 7,255 SQ. FT.

FIRST FLOOR: 13,488 SQ. FT. - SECOND FLOOR: 10,320 SQ. FT.

N



CONTRACTOR TO NOTE:
THERE ARE NUMEROUS PENETRATIONS THRU PRECAST DECKING/ INSULATION. CONTRACTOR IS TO SEAL ALL PIPE PENETRATIONS WEATHERTIGHT.

SAN. & VENT PLAN NOTES

1. VERTICAL SANITARY RISERS EXPOSED IN PARKING GARAGE ARE TO BE CAST IRON. HOLD SANITARY PIPING CLOSE TO WALL AND PROVIDE BOLLIARDS WHERE REQUIRED TO MINIMIZE DAMAGE FROM VEHICLES. PROVIDE CLEANOUT 12" A.F.F. AS REQUIRED.

GENERAL NOTES

1. CONTRACTOR IS TO COORDINATE INSTALLATIONS WITH ALL OTHER TRADES AS REQUIRED FOR A COMPLETE & OPERABLE PLUMBING SYSTEM.
2. ALL PIPE PENETRATIONS THRU FIRST FLOOR PRE-CAST CONCRETE SLAB (ABOVE GARAGE AREA) ARE TO BE SEALED & INSULATED WEATHERTIGHT TO PREVENT INFILTRATION.
3. CLEARANCE ABOVE CEILINGS IN VARIOUS AREAS IS EXTREMELY TIGHT. REFERENCE ARCHITECTURAL REFLECTED CEILING DRAWINGS & STRUCTURAL DRAWINGS AS REQUIRED.
4. WHERE VENT PIPING IS ROUTED THRU ATTIC SPACE, PENETRATIONS THRU THE INSULATION / VAPOR BARRIER IS TO BE SEALED WEATHERTIGHT TO PREVENT INFILTARTION.
5. THE CONTRACTOR SHALL COORDINATE ANY CUTTING, CORE DRILLING OR MODIFICATIONS OF WOOD FLOOR JOISTS WITH THE ARCHITECT/ STRUCTURAL ENGINEER PRIOR TO INSTALLATION.
6. WATER PIPING IS NOT TO BE ROUTED IN THE UNCONDITIONED PARKING GARAGE AREA OR THE UNCONDITIONED ATTIC SPACE AREA.
7. ALL VENT-THRU-ROOF LOCATIONS ARE TO BE ON THE WEST SIDE OF THE ROOF TO MINIMIZE VISIBILITY.
8. REFERENCE ARCHITECTURAL DRAWINGS AS REQUIRED FOR ADA COMPLIANT/ STANDARD FIXTURE LOCATIONS, DIMENSIONS AND LAYOUT.
9. SPRINKLER WORK IS UNDER A SEPERATE CONTRACT - COORDINATE INSTALLATION WITH SPRINKLER CONTRACTOR AS REQUIRED.
10. CONTRACTOR SHALL COORDINATE ALL LEAVING PIPE INVERTS WITH THE SITE CONTRACTOR AS REQUIRED FOR A COMPLETE & OPERABLE DRAINAGE SYSTEM.
11. CONTRACTOR SHALL COORDINATE WATER, GAS & SEWER INSTALLATIONS WITH THE RESPECTIVE UTILITIES. ALL ASSOCIATED UTILITY COSTS SHALL BE BORNE BY THE CONTRACTOR
12. ALL INTERIOR HORIZONTAL SANITARY PIPING SHALL BE INSTALLED AT THE MINIMUM SLOPES AS REQUIRED BY THE INDIANA PLUMBING CODE.
13. WHEN PERMITTED BY THE INDIANA PLUMBING CODE, THE CONTRACTOR HAS THE OPTION OF WET VENTING BATHROOM FIXTURES.
14. PROVIDE WATER HAMMER ARRESTERS PER THE PROJECT SPECIFICATIONS AND PDI GUIDELINE WH-201.

BASEMENT PLUMBING PLAN - (SANITARY)

1

SCALE: 3/32" = 1'-0" - BASEMENT: 7,255 SQ. FT.

FIRST FLOOR: 13,488 SQ. FT. - SECOND FLOOR: 10,320 SQ. FT.

N

TABOR BRUCE ARCHITECTURE & DESIGN
213 S. ROGERS STREET - BLOOMINGTON, IN. 47404
TELEPHONE: (812) 332-6258 FACSIMILE: (812) 332-8658

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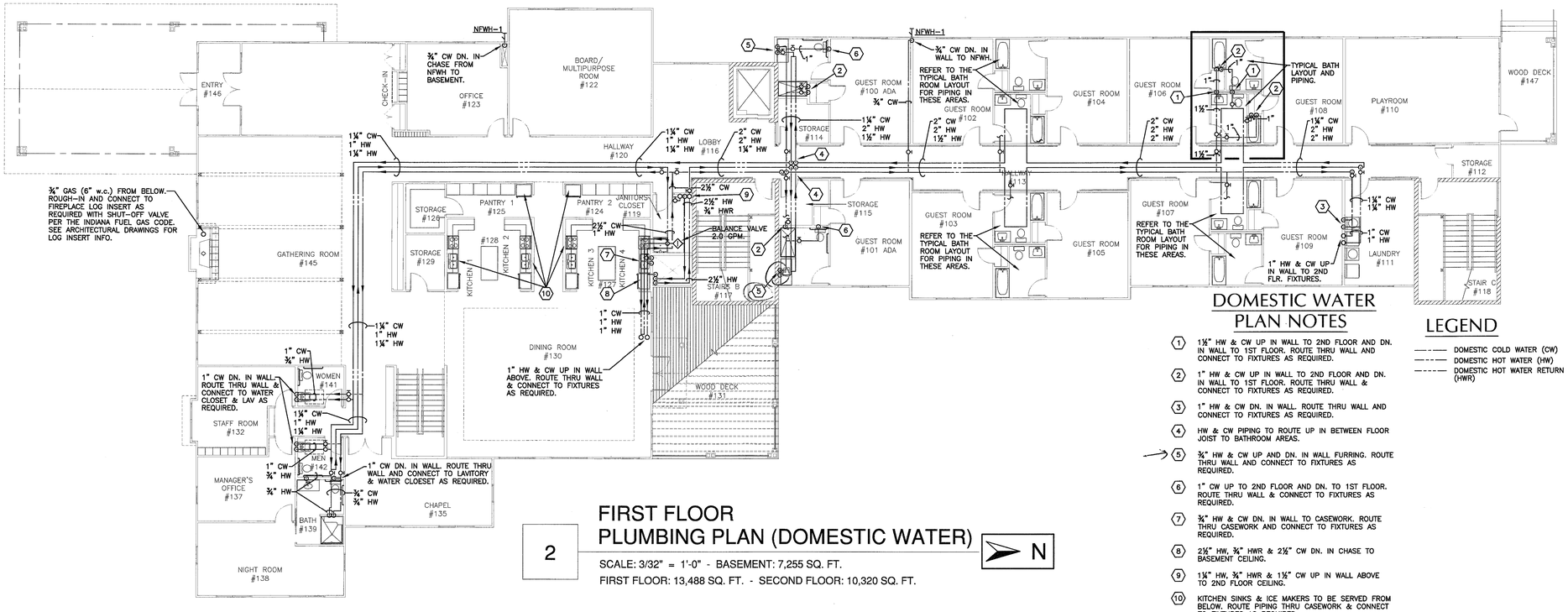
A Facility for:
JILL'S HOUSE
751 East Tamarack Trail
BLOOMINGTON, INDIANA 47408

MIKEL C. ROBINSON REGISTERED No. 18666 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT NO.	F&G #06070
DATE	02-23-07
DRAWN BY	DNT
CHECKED BY	JGE
SHEET NAME	BASEMENT PLUMBING PLAN
SHEET NO.	P2

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2

FIRST FLOOR PLUMBING PLAN (DOMESTIC WATER)

SCALE: 3/32" = 1'-0" - BASEMENT: 7,255 SQ. FT.

FIRST FLOOR: 13,488 SQ. FT. - SECOND FLOOR: 10,320 SQ. FT.

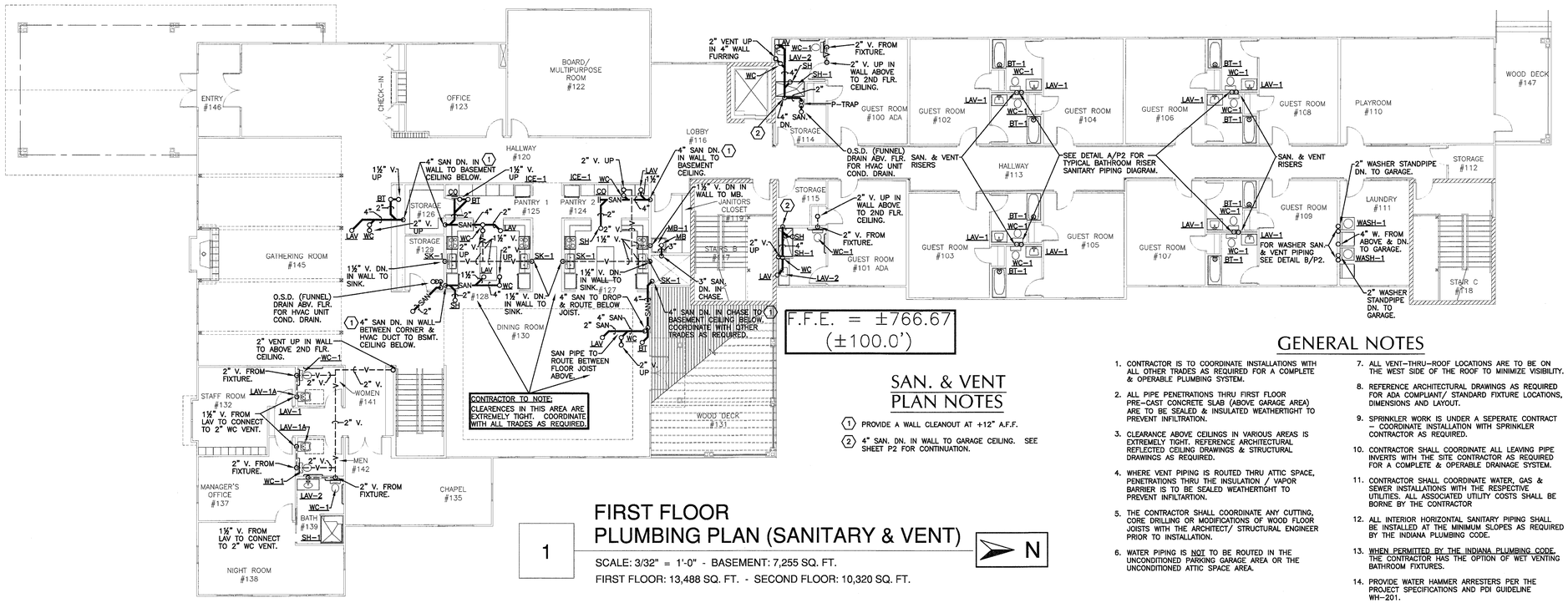
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DOMESTIC WATER PLAN NOTES

1. 1½" HW & CW UP IN WALL TO 2ND FLOOR AND DN. IN WALL TO 1ST FLOOR. ROUTE THRU WALL AND CONNECT TO FIXTURES AS REQUIRED.
2. 1" HW & CW UP IN WALL TO 2ND FLOOR AND DN. IN WALL TO 1ST FLOOR. ROUTE THRU WALL & CONNECT TO FIXTURES AS REQUIRED.
3. 1" HW & CW DN. IN WALL. ROUTE THRU WALL AND CONNECT TO FIXTURES AS REQUIRED.
4. HW & CW PIPING TO ROUTE UP IN BETWEEN FLOOR JOIST TO BATHROOM AREAS.
5. ¾" HW & CW UP AND DN. IN WALL FURRING. ROUTE THRU WALL AND CONNECT TO FIXTURES AS REQUIRED.
6. 1" CW UP TO 2ND FLOOR AND DN. TO 1ST FLOOR. ROUTE THRU WALL & CONNECT TO FIXTURES AS REQUIRED.
7. ¾" HW & CW DN. IN WALL TO CASEWORK. ROUTE THRU CASEWORK AND CONNECT TO FIXTURES AS REQUIRED.
8. 2½" HW, ¾" HWR & 2½" CW DN. IN CHASE TO BASEMENT CEILING.
9. 1¼" HW, ¾" HWR & 1½" CW UP IN WALL ABOVE TO 2ND FLOOR CEILING.
10. KITCHEN SINKS & ICE MAKERS TO BE SERVED FROM BELOW. ROUTE PIPING THRU CASEWORK & CONNECT TO FIXTURES AS REQUIRED.

LEGEND

- DOMESTIC COLD WATER (CW)
- DOMESTIC HOT WATER (HW)
- DOMESTIC HOT WATER RETURN (HWR)



1

FIRST FLOOR PLUMBING PLAN (SANITARY & VENT)

SCALE: 3/32" = 1'-0" - BASEMENT: 7,255 SQ. FT.

FIRST FLOOR: 13,488 SQ. FT. - SECOND FLOOR: 10,320 SQ. FT.

N

SAN. & VENT PLAN NOTES

1. PROVIDE A WALL CLEANOUT AT +12" A.F.F.
2. 4" SAN. DN. IN WALL TO GARAGE CEILING. SEE SHEET P2 FOR CONTINUATION.

GENERAL NOTES

1. CONTRACTOR IS TO COORDINATE INSTALLATIONS WITH ALL OTHER TRADES AS REQUIRED FOR A COMPLETE & OPERABLE PLUMBING SYSTEM.
2. ALL PIPE PENETRATIONS THRU FIRST FLOOR PRE-CAST CONCRETE SLAB (ABOVE GARAGE AREA) ARE TO BE SEALED & INSULATED WEATHERTIGHT TO PREVENT INFILTRATION.
3. CLEARANCE ABOVE CEILINGS IN VARIOUS AREAS IS EXTREMELY TIGHT. REFERENCE ARCHITECTURAL REFLECTED CEILING DRAWINGS & STRUCTURAL DRAWINGS AS REQUIRED.
4. WHERE VENT PIPING IS ROUTED THRU ATTIC SPACE, PENETRATIONS THRU THE INSULATION / VAPOR BARRIER IS TO BE SEALED WEATHERTIGHT TO PREVENT INFILTARTION.
5. THE CONTRACTOR SHALL COORDINATE ANY CUTTING, CORE DRILLING OR MODIFICATIONS OF WOOD FLOOR JOISTS WITH THE ARCHITECT/ STRUCTURAL ENGINEER PRIOR TO INSTALLATION.
6. WATER PIPING IS NOT TO BE ROUTED IN THE UNCONDITIONED PARKING GARAGE AREA OR THE UNCONDITIONED ATTIC SPACE AREA.
7. ALL VENT-THRU-ROOF LOCATIONS ARE TO BE ON THE WEST SIDE OF THE ROOF TO MINIMIZE VISIBILITY.
8. REFERENCE ARCHITECTURAL DRAWINGS AS REQUIRED FOR ADA COMPLIANT/ STANDARD FIXTURE LOCATIONS, DIMENSIONS AND LAYOUT.
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13. WHEN PERMITTED BY THE INDIANA PLUMBING CODE, THE CONTRACTOR HAS THE OPTION OF WET VENTING BATHROOM FIXTURES.
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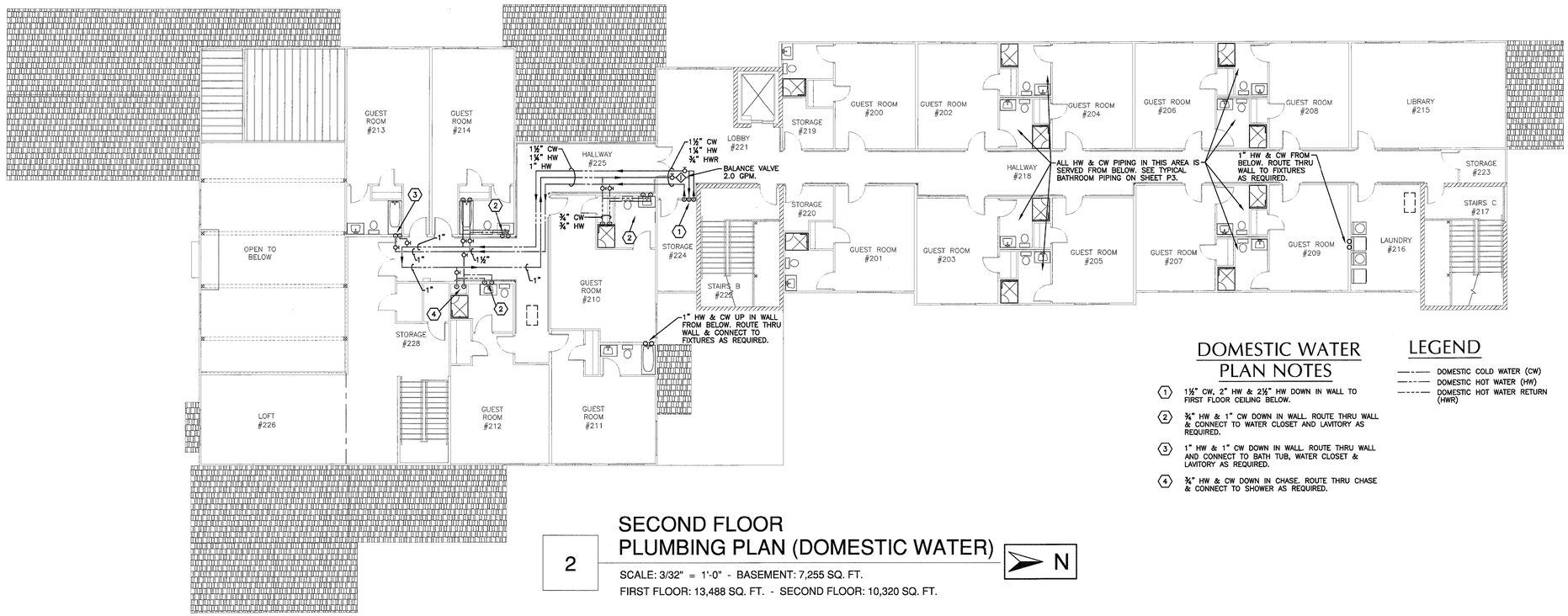
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MIKEL C. ROBINSON REGISTERED No. 18666 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT NO.	F&G #06070
DATE	02-23-07
DRAWN BY	DNT
CHECKED BY	JGE
SHEET NAME	FIRST FLOOR PLUMBING PLAN
SHEET NO.	P3

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DOMESTIC WATER PLAN NOTES

1. 1½" CW, 2" HW & 2½" HW DOWN IN WALL TO FIRST FLOOR CEILING BELOW.
2. ¾" HW & 1" CW DOWN IN WALL. ROUTE THRU WALL & CONNECT TO WATER CLOSET AND LAVITORY AS REQUIRED.
3. 1" HW & 1" CW DOWN IN WALL. ROUTE THRU WALL AND CONNECT TO BATH TUB, WATER CLOSET & LAVITORY AS REQUIRED.
4. ¾" HW & CW DOWN IN CHASE. ROUTE THRU CHASE & CONNECT TO SHOWER AS REQUIRED.

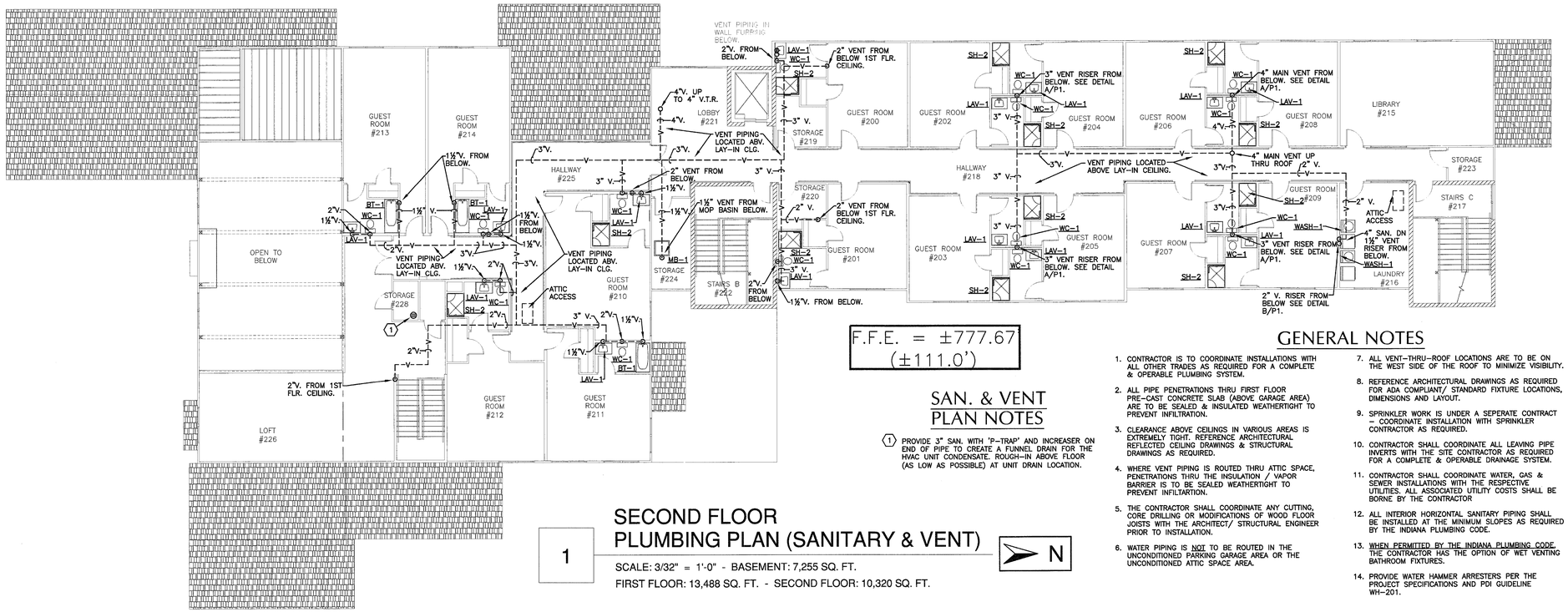
LEGEND

- DOMESTIC COLD WATER (CW)
- DOMESTIC HOT WATER (HW)
- DOMESTIC HOT WATER RETURN (HWR)

2 SECOND FLOOR PLUMBING PLAN (DOMESTIC WATER)

SCALE: 3/32" = 1'-0" - BASEMENT: 7,255 SQ. FT.
FIRST FLOOR: 13,488 SQ. FT. - SECOND FLOOR: 10,320 SQ. FT.

N



F.F.E. = ±777.67 (±111.0')

SAN. & VENT PLAN NOTES

1. PROVIDE 3" SAN. WITH 'P-TRAP' AND INCREASER ON END OF PIPE TO CREATE A FUNNEL DRAIN FOR THE HVAC UNIT CONDENSATE. ROUGH-IN ABOVE FLOOR (AS LOW AS POSSIBLE) AT UNIT DRAIN LOCATION.

GENERAL NOTES

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1 SECOND FLOOR PLUMBING PLAN (SANITARY & VENT)

SCALE: 3/32" = 1'-0" - BASEMENT: 7,255 SQ. FT.
FIRST FLOOR: 13,488 SQ. FT. - SECOND FLOOR: 10,320 SQ. FT.

N

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MIKEL C. ROBINSON
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No. 18666
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PROFESSIONAL ENGINEER

PROJECT NO.	F&G #06070
DATE	02-23-07
DRAWN BY	DNT
CHECKED BY	JGE
SHEET NAME	SECOND FLOOR PLUMBING PLAN
SHEET NO.	P4

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