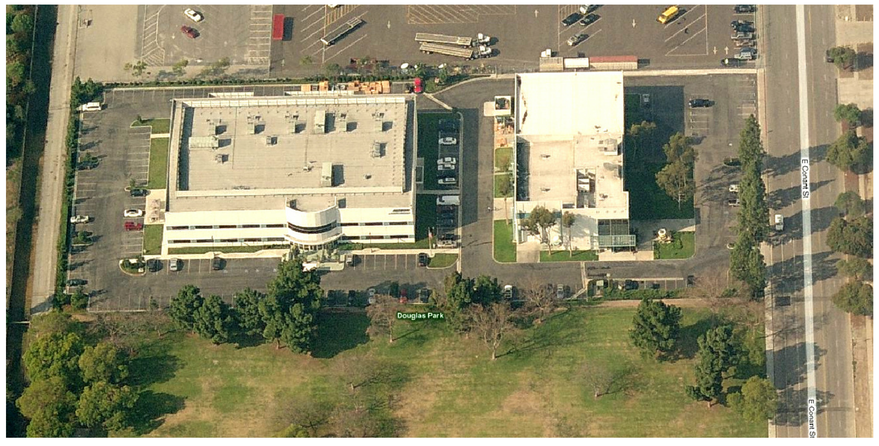
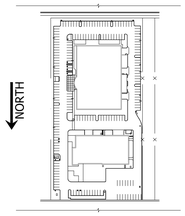
LONG BEACH CITY COLLEGE BUILDING "O"
Record Drawing



Record Drawing

LONG BEACH
CITY COLLEGE



CURRENT PACKAGE INFORMATION
COMMISSION NUMBER: 3045-002-00
DATE: AUGUST 16, 2011

CONSTRUCTION PACKAGE HISTORY

PACKAGE	PACKAGE DESCRIPTION	ISSUE DATE
Recored Drawing		08.16.2011

CIVIL

C-1	FIRE ACCESS PLAN
C-2	GRADING AND DRAINAGE PLAN

ARCHITECTURAL

A000	COVER SHEET
A010	PROJECT DATA, GENERAL NOTES & SYMBOLS
A012	ABBREVIATIONS AND MATERIAL ID LIST
A014	BUILDING CODE DEMOLITION SAFETY PROVISION
A020	SITE PLAN
A021A	BUILDING 1–LIFE SAFETY PLAN FIRST FLOOR
A021B	BUILDING 2–LIFE SAFETY PLAN FIRST FLOOR
A022A	BUILDING 1–LIFE SAFETY PLAN SECOND FLOOR
A060	EXTERIOR/INTERIOR PARTITION TYPES
A063	FIRE RATED HEAD WALL DETAILS
A064	TYPICAL INTERIOR FRAMING NOTES & DETAILS
A065	TYPICAL ACOUSTICAL CEILING NOTES & DETAILS
A067	TYPICAL GYPSUM CEILING NOTES & DETAILS
A073	TYPICAL ROOF TYPES & DETAILS
A074	TYPICAL ROOF DETAILS
A080	DOOR AND FRAME SCHEDULE
A090	ROOM FINISH SCHEDULES, ENLARGE RESTROOM, PLAN, ELEVATION, TYPICAL MOUNTING HEIGHT
A201A	BUILDING 1 – FIRST FLOOR PLAN AND ENLARGED PLAN
A201B	BUILDING 2 – FIRST FLOOR PLAN
A202A	BUILDING 1 – SECOND FLOOR PLAN AND ENLARGED PLAN
A203A	BUILDING 1 – THIRD FLOOR PLAN
A203B	BUILDING 2 – ROOF PLAN
A204A	BUILDING 1 – ROOF PLAN
A211A	BUILDING 1 – FIRST FLOOR FURNITURE PLAN
A211B	BUILDING 2 – FIRST FLOOR FURNITURE PLAN
A212A	BUILDING 1 – SECOND FLOOR FURNITURE PLAN
A301A	BUILDING 1 – FIRST FLOOR REFLECTED CEILING PLAN
A301B	BUILDING 2 – FIRST FLOOR REFLECTED CEILING PLAN
A302A	BUILDING 1 – SECOND FLOOR REFLECTED CEILING PLAN
A400	BUILDING 1 – EXTERIOR DEMOLITION ELEVATION AND NEW ELEVATION
A401	BUILDING 1 – EXTERIOR ELEVATIONS
A421	BUILDING SECTIONS
A422	WALL SECTIONS
A431A	BUILDING 1 – ENLARGED STAIR 1 PLAN, SECTION DETAILS
A432A	BUILDING 1 – ENLARGED STAIR 1 PLAN, SECTION DETAILS
A433A	BUILDING 1 – ENLARGED STAIR 1 PLAN, SECTION DETAILS
A630	DETAILS
A631	DETAILS
A632	DETAILS
A633	DETAILS
A634	DETAILS

STRUCTURAL

S001	BUILDING 1 GENERAL NOTES
S002	BUILDING 1 GENERAL NOTES
S101	BUILDING 1 TYPICAL DETAILS
S111	BUILDING 1 TYPICAL DETAILS
S112	BUILDING 1 TYPICAL DETAILS
S201	BUILDING 1 FOUNDATION/FIRST FLOOR PLAN
S202	BUILDING 1 SECOND FLOOR FRAMING PLAN
S203	BUILDING 1 THIRD FLOOR FRAMING PLAN
S204	BUILDING 1 ROOF FRAMING PLAN
S205	BUILDING 1 ELEVATOR SHAFT PLANS
S300	BUILDING 1 SECTIONS AND DETAILS
S311	BUILDING 1 SECTIONS AND DETAILS
S401	BUILDING 1 CBF FRAME ELEVATION, SECTIONS AND DETAILS (SFRS)
S411	BUILDING 1 TYPICAL SCBF FRAME DETAILS (SFRS)
S421	BUILDING 1 TYPICAL SCBF FRAME ELEVATION (SFRS)
S422	BUILDING 1 TYPICAL SCBF FRAME ELEVATION (SFRS)
S431	BUILDING 1 TYPICAL SCBF FRAME SECTION AND DETAILS
S432	BUILDING 1 TYPICAL SCBF FRAME SECTION AND DETAILS

MECHANICAL

M010	SYMBOLS, ABBREVIATIONS & DRAWING LIST
M011	GENERAL NOTES
M012	SCHEDULES
M013	SCHEDULES
M101A	BUILDING 1 – FIRST FLOOR DEMOLITION PLAN
M101B	BUILDING 2 – MECHANICAL FIRST FLOOR DEMOLITION PLAN
M102A	BUILDING 1 – MECHANICAL SECOND FLOOR DEMOLITION PLAN
M103B	BUILDING 2 – MECHANICAL ROOF DEMOLITION PLAN
M104A	BUILDING 1 – MECHANICAL ROOF DEMOLITION PLAN
M105A	BUILDING 1 – ENLARGED MECHANICAL ROOF FLOOR DEMOLITION PLAN
M201A	BUILDING 1 – MECHANICAL FIRST FLOOR PLAN
M201B	BUILDING 2 – MECHANICAL FIRST FLOOR PLAN
M202A	BUILDING 1 – MECHANICAL SECOND FLOOR PLAN
M202B	BUILDING 2 – MECHANICAL SECOND FLOOR PLAN
M203B	BUILDING 2 – MECHANICAL ROOF PLAN
M204A	BUILDING 1 – MECHANICAL ROOF PLAN
M205A	BUILDING 1 – ENLARGED MECHANICAL ROOF PLAN
M300	DETAILS
M301	FLOW DIAGRAMS AND SECTIONS
M500	CONTROL DIAGRAMS
M601	CONTROL SEQUENCE
M4.1	DDC POINTS LIST & SEQUENCE OF OPERATION

ELECTRICAL

E001	SYMBOL LIST, ABBREVIATION
E002	ELECTRICAL DETAILS
E003	BUILDING 1 SINGLE LINE DIAGRAM
E004	BUILDING 1 MCC DIAGRAM AND LOAD SCHEDULES
E005	BUILDING 1 PANEL SCHEDULES
E005	BUILDING 1 PANEL SCHEDULES AS BUILT
E006	INDOOR TITLE 24 FORMS
E007	OUTDOOR TITLE 24 FORMS
E011	BUILDING 2 PARTIAL SINGLE LINE DIAGRAM
E100	ELECTRICAL SITE PLAN
E100	ELECTRICAL SITE PLAN AS BUILT
E101A	BUILDING 1 – FIRST FLOOR POWER DEMOLITION PLAN
E101B	BUILDING 2 – FIRST FLOOR POWER DEMOLITION PLAN
E102A	BUILDING 1 – SECOND FLOOR POWER DEMOLITION PLAN
E104A	BUILDING 1 – ELECTRICAL ROOF DEMOLITION PLAN
E105A	BUILDING 1 – ENLARGED ELECTRICAL ROOF DEMOLITION PLAN
E105A	BUILDING 1 – ENLARGED ELECTRICAL ROOF DEMOLITION PLAN AS BUILT
E201A	BUILDING 1 – FIRST FLOOR POWER PLAN
E201B	BUILDING 2 – FIRST FLOOR POWER PLAN
E202A	BUILDING 1 – SECOND FLOOR POWER PLAN
E203B	BUILDING 2 – ELECTRICAL POWER & DEMOLITION ROOF PLAN
E204A	BUILDING 1 – ELECTRICAL ROOF PLAN
E205A	BUILDING 1 – ENLARGED ELECTRICAL ROOF PLAN
E301A	BUILDING 1 – FIRST FLOOR LIGHTING PLAN
E301B	BUILDING 2 – FIRST FLOOR LIGHTING PLAN
E301DA	BUILDING 1 – FIRST FLOOR LIGHTING DEMOLITION PLAN
E301DB	BUILDING 2 – FIRST FLOOR LIGHTING DEMOLITION PLAN
E302A	BUILDING 1 – SECOND FLOOR LIGHTING PLAN
E302DA	BUILDING 1 – SECOND FLOOR LIGHTING DEMOLITION PLAN
FA101A	BUILDING 1 – FIRST FLOOR FIRE ALARM DEMOLITION PLAN
FA101B	BUILDING 2 – FIRST FLOOR FIRE ALARM DEMOLITION PLAN
FA102A	BUILDING 1 – SECOND FLOOR FIRE ALARM DEMOLITION PLAN
FA102B	BUILDING 2 – SECOND FLOOR FIRE ALARM DEMOLITION PLAN
FA103A	BUILDING 1 – THIRD FLOOR FIRE ALARM DEMOLITION PLAN
FA201A	BUILDING 1 – FIRST FLOOR FIRE ALARM PLAN
FA201B	BUILDING 2 – FIRST FLOOR FIRE ALARM PLAN
FA202A	BUILDING 1 – SECOND FLOOR FIRE ALARM PLAN
FA202B	BUILDING 2 – SECOND FLOOR FIRE ALARM PLAN
FA203A	BUILDING 1 – THIRD FLOOR FIRE ALARM

PLUMBING

P010	LEGEND, SYMBOLS, SCHEDULES AND ABBREVIATIONS
P011	PLUMBING GENERAL NOTES
P020	BUILDING 1 – SITE PLAN
P201A	BUILDING 1 – FIRST FLOOR PLAN
P202A	BUILDING 1 – SECOND FLOOR PLAN
P203A	BUILDING 1 – ROOF & THIRD FLOOR PLAN
PD201A	BUILDING 1 – FIRST FLOOR DEMOLITION PLAN
PD202A	BUILDING 1 – SECOND FLOOR DEMOLITION PLAN
P630	PLUMBING DETAILS

TELECOM/DATA

T001	COMMUNICATIONS –TITLE SHEET
T101	COMMUNICATIONS – SITE PLAN
T201A	COMMUNICATIONS – FIRST FLOOR PLAN–BLDG 1
T202A	COMMUNICATIONS – SECOND FLOOR PLAN–BLDG 1
T401A	COMMUNICATIONS – ENLARGED FLOOR PLAN–BLDG 1
T501A	COMMUNICATIONS – SINGLE LINE AND RISER DIAGRAM–BLDG 1
T601	COMMUNICATIONS DETAILS

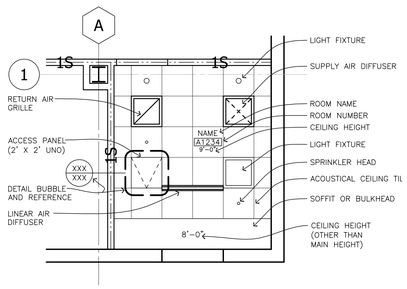
SECURITY

ES000	BP2 – SECURITY GENERAL NOTES & SYMBOLS LEGEND
ES201A	BP2 – BUILDING 1 – FIRST FLOOR PLAN
ES202A	BP2 – BUILDING 1 – SECOND FLOOR PLAN
ES201B	BP2 – BUILDING 2 – FIRST FLOOR PLAN
ES630	BP2 – SECURITY DETAILS

SUMMARY OF THE WORK FOR BID PACKAGE 2 INCLUDES THE RENOVATIONS OF LONG BEACH CITY COLLEGE BUILDING "O", CONSISTING OF TWO ADJACENT BUILDINGS. THE WORK INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:

a. INTERIOR RENOVATIONS TO BUILDING 1 (2 STORIES, 26,560 SF) INCLUDES ADA ACCESSIBILITY RENOVATIONS TO TOILET ROOMS, INTERIOR FINISHES UPGRADES, CODE COMPLIANT STAIR HANDRAILS; FIRE SPRINKLER, PLUMBING, HVAC, FIRE ALARM AND ELECTRICAL UPGRADES, ALL AS INDICATED ON THE DRAWINGS.
b. 2 STORY ADDITION TO BUILDING ONE TO ACCOMMODATE ADA COMPLIANT MODULAR ELEVATOR.
c. ADA COMPLIANT SITE RENOVATIONS AND NEW SITE LIGHTING.
d. INTERIOR RENOVATIONS, INTERIOR FINISHES; FIRE SPRINKLER AND ELECTRICAL UPGRADES TO 800 SF WITHIN BUILDING 2, ALL AS INDICATED ON THE DRAWINGS.
e. WORK INCLUDES INCORPORATING INTO THE BUILDING RENOVATIONS, OWNER PURCHASED HVAC EQUIPMENT AS INDICATED IN BID PACKAGE 1, DATED SEPTEMBER 28, 2009.

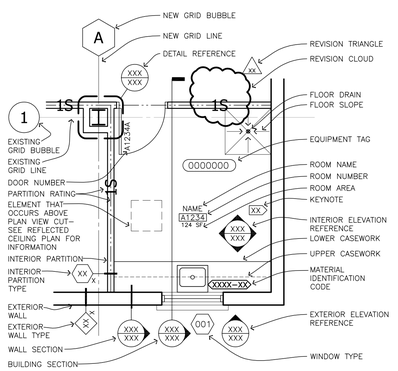
9 SCOPE OF WORK



OTHER CEILING PLAN SYMBOL DESIGNATIONS	
RECESSED CAN DOWNLIGHT	TV CONNECTION (SEE ELECTRICAL DRAWINGS)
RECESSED CAN WALL WASHER	HORN (SEE ELECTRICAL DRAWINGS)
PENDANT MOUNTED LIGHT FIXTURE	TRACK LIGHT FIXTURE (SEE ELECTRICAL DRAWINGS)
CEILING–MOUNTED EXIT LIGHT (SEE ELECTRICAL DRAWINGS)	EQUIPMENT MOUNTING TRACKS
WALL–MOUNTED EXIT LIGHT (SEE ELECTRICAL DRAWINGS)	SPRINKLER HEAD
SMOKE DETECTOR (SEE ELECTRICAL DRAWINGS)	
SPEAKER (SEE ELECTRICAL DRAWINGS)	

12 CEILING PLAN SYMBOL DESIGNATIONS

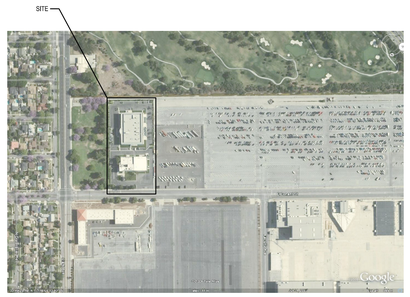
1/4" = 1'-0"



OTHER FLOOR PLAN SYMBOL DESIGNATIONS	
EXISTING DOOR TO REMAIN	EXISTING DOOR TO DEMO
EXISTING WALL TO REMAIN	EXISTING WALL TO DEMO

11 FLOOR PLAN SYMBOL DESIGNATIONS

1/4" = 1'-0"



10 CAMPUS MAP

NORTH

2007 CALIFORNIA ADMINISTRATIVE CODE, TITLE 24, PART 1, C.C.R.
2007 CALIFORNIA BUILDING CODE (CBC), TITLE 24, PART 2, VOLUMES 1 AND 2, C.C.R.; (BASED ON 2006 INTERNATIONAL BUILDING CODE). INCLUDES CHAPTER 11B ACCESSIBILITY REQUIREMENTS.
2007 CALIFORNIA ELECTRICAL CODE (CEC), TITLE 24, PART 3, C.C.R.; (BASED ON 2005 NATIONAL ELECTRICAL CODE).
2007 CALIFORNIA MECHANICAL CODE (CMC), TITLE 24, PART 4, C.C.R.; (BASED ON THE 2006 UNIFORM MECHANICAL CODE).
2007 CALIFORNIA PLUMBING CODE (CPC), TITLE 24, PART 5, C.C.R.; (BASED ON THE 2006 UNIFORM PLUMBING CODE).
2007 CALIFORNIA ENERGY CODE, TITLE 24, PART 6, C.C.R.
2007 CALIFORNIA ELEVATOR SAFETY CONSTRUCTION CODE, TITLE 24, PART 7, C.C.R.
2007 CALIFORNIA FIRE CODE (CFC), TITLE 24, PART 9, C.C.R.; (BASED ON 2006 INTERNATIONAL FIRE CODE),
2007 CALIFORNIA REFERENCE STANDARDS CODE, TITLE 24, PART 12, C.C.R.
1990 TITLE 19, C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

NFPA 13 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS 2007 EDITION
NFPA 14 STANDARD FOR THE INSTALLATION OF STANDPIPES AND HOSE SYSTEMS 2007 EDITION
NFPA 24 STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS & APPURTENANCES 2007 EDITION
NFPA 72 NATIONAL FIRE ALARM CODE 2007 EDITION

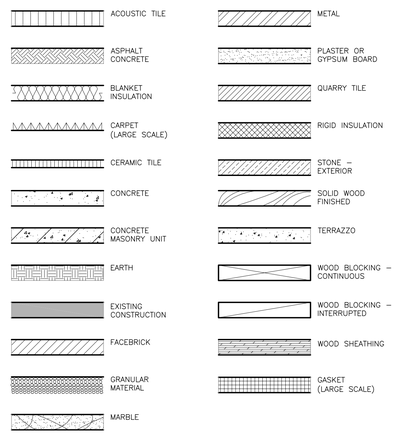
9 APPLICABLE CODES AND REGULATIONS

1. PROVIDE AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13, 2007 EDITION. PLANS FOR THE INSTALLATION OF THE SPRINKLER SYSTEM SHALL BE SUBMITTED FOR APPROVAL TO DSA PRIOR TO INSTALLATION. CFC 1003.
2. THE FIRE SPRINKLER SYSTEM SHALL BE MONITORED BY AN APPROVED CENTRAL STATION, REMOTE STATION OR PROPRIETARY SUPERVISING STATION WHEN THE NUMBER OF SPRINKLERS ARE 100 OR MORE IN ALL OCCUPANCIES NOT NORMALLY OCCUPIED 24 HOURS A DAY OR PROVIDED WITH A 24–HOUR GUARD SERVICE. CFC 1003.3.
3. A 20' WIDE UNOBSTRUCTED FIRE LANE TO WITHIN 150' OF ALL PORTIONS OF EXTERIOR WALLS SHALL BE MAINTAINED AT ALL TIMES AND POSTED "FIRE LANE– NO PARKING" IN ACCORDANCE WITH LONG BEACH FIRE DEPARTMENT AND DSA REQUIREMENTS. CFC 901.4
4. FIRE APPARATUS ACCESS ROADS SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOAD OF 70,000 LBS AND SHALL BE PROVIDED WITH AN ALL–WEATHER SURFACE. SUCH ROADS SHALL BE INSTALLED PRIOR TO CONSTRUCTION. CFC 902.2.2.2.
5. THE USE OF CONBUSTIBLE DECORATIVE MATERIALS SHALL COMPLY WITH CFC SECTION 1103.3.3.
6. ONE ADDITIONAL FIRE HYDRANT SHALL BE INSTALLED WITHIN 300 FEET OF THE BUILDING DSA STANDARDS.

8 FIRE PREVENTION NOTES

1. FOR WALKS THE MAXIMUM CROSS SLOPE SHALL NOT EXCEED 1/4" PER FOOT.
2. LANDINGS ARE REQUIRED AT TOP AND BOTTOM OF RAMPS.
3. A 60" INTERMEDIATE LANDING IS REQUIRED AT INTERVALS OF 30 INCH VERTICAL CHANGE AND 72" LANDING AT EACH CHANGE OF DIRECTION AND BOTTOM OF RAMP.
4. ALL BUILDING ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES SHALL BE IDENTIFIED WITH AT LEAST ONE STANDARD SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS.
5. MIRROR BOTTOM EDGES SHALL BE LOCATED 40" MAXIMUM ABOVE FLOOR.
6. TOILET TISSUE DISPENSERS SHALL BE MOUNTED WITHIN 12" OF THE FRONT EDGE OF TOILET SEAT.
7. OPERATING PARTS OF DISPENSING AND DISPOSAL FIXTURES (TOWELS, WASTE, COIN SLOTS, ETC.) SHALL BE WITHIN 48" OF FLOOR (40" IN RESTROOMS).
8. THE ALCOVE IN WHICH A WATER FOUNTAIN IS LOCATED SHALL NOT BE LESS THAN 32" WIDE BY 18" DEEP.
9. DRINKING FOUNTAINS SHALL CONFORM TO REQUIREMENTS OF SECTION 1117B.1
10. WHERE SINKS ARE PROVIDED, AT LEAST ONE SINK AND COUNTER SHALL BE ACCESSIBLE AND CLEAR.
11. CENTER OF SWITCH, INTENDED TO BE USED BY ROOM OCCUPANTS FOR THE CONTROL OF LIGHTING, RECEPTACLE OUTLETS, APPLIANCES OR HVAC EQUIPMENT, SHALL BE LOCATED NO LESS THAN 36" NO MORE THAN 48" INCHES ABOVE THE FLOOR.
12. CONTROLS FOR FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREA AND LOCATED 44" MAX, ABOVE FLOOR. THE FORCE TO ACTIVATE CONTROLS SHALL BE NO MORE THAN 5 LBS.
13. 15, 20 AND 30 AMP RECEPTACLE OUTLETS SHALL BE INSTALLED NOT LESS THAN 17" AFF PER A.D.A.
14. THE CENTER OF FIRE ALARM INITIATING DEVICES (MANUAL PULL BOXES) SHALL BE LOCATED 48" ABOVE THE FINISH FLOOR.
15. FAUCET CONTROLS AND OPENING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE THE CONTROLS SHALL BE NO MORE THAN 5 LBS. LEVER OPERATED, PUSH TYPE MECHANISMS ARE ACCEPTABLE. SELF CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.
16. HOT WATER AND DRAIN PIPES ACCESSIBLE UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE OBJECTS OR SURFACES UNDER LAVATORIES.

7 ACCESSIBILITY NOTES



NOTE: NOTIFY ARCHITECT IMMEDIATELY OF ANY UNCLEAR MATERIAL DESIGNATIONS. MATERIAL PATTERNS TYPICALLY PERTAIN TO ENLARGED DETAILS.

6 ARCHITECTURAL MATERIAL DESIGNATIONS

1"–0" = 1'–0"

ROOM NUMBER EXPLANATION

1. BUILDING
THIS CHARACTER DENOTES WHICH "BUILDING" THE ROOM BELONGS TO.

2. FLOOR NUMBER OR MODIFIER
THIS CHARACTER DENOTES THE FLOOR ON WHICH THE ROOM IS LOCATED.

3. ROOM DESIGNATION
THESE CHARACTERS DENOTE THE SEQUENTIAL ROOM NUMBER FOR A PARTICULAR AREA.

ROOM NUMBER EXAMPLE
ROOM NAME
1001
2. FLOOR NUMBER
3. SEQUENTIAL NUMBER FOR THAT AREA DESIGNATION

DOOR NUMBER EXPLANATION

1. ROOM NUMBER
THESE CHARACTERS DENOTE THE ROOM NUMBER WITH WHICH THE DOOR IS ASSOCIATED; THE INITIAL LETTER DENOTES THE BUILDING TO WHICH THE DOOR BELONGS, AND THE FOLLOWING NUMBERS DENOTE THE ROOM NUMBER. REFER TO ROOM NUMBER EXPLANATION FOR CLARIFICATION.

2. DOOR DESIGNATION
THIS CHARACTER IS USED TO DISTINGUISH BETWEEN MULTIPLE DOORS ASSOCIATED WITH A PARTICULAR ROOM. DOORS ARE LETTERED SEQUENTIALLY IN A ROOM.

DOOR NUMBER EXAMPLE
1001A
1. ROOM NUMBER
2. DOOR DESIGNATION

5 ROOM NUMBER & DOOR NUMBER DESIGNATIONS

SHEET NUMBER EXPLANATION

1. ARCHITECTURAL
THIS CHARACTER DENOTES THE SHEET IS AN ARCHITECTURAL DRAWING.

2. SHEET TYPE
THIS CHARACTER DENOTES THE TYPE OF INFORMATION ON THE SHEET.
1: DEMOLITION PLANS
2: FLOOR PLANS
3: CEILING PLANS
4: EXTERIOR DETAILING/VERTICAL CIRCULATION
5: INTERIOR DETAILING
6: PROJECT SPECIFIC INFORMATION (IF USED)
7: PROJECT SPECIFIC INFORMATION (IF USED)
8: PROJECT SPECIFIC INFORMATION (IF USED)

SHEET NUMBER EXAMPLE
A234B
1. ARCHITECTURAL
2. SHEET TYPE
3. FLOOR NUMBER
4. BUILDING DESIGNATION

3. FLOOR NUMBER (OF MODIFIER)
THESE CHARACTERS DENOTE EITHER THE NUMBER OF THE FLOOR SHOWN ON THE SHEET OR THE NEXT SEQUENTIAL NUMBER OF THAT SERIES OF SHEETS.

4. BUILDING DESIGNATION
THIS CHARACTER DENOTES THE "AREA" OF THE PLAN SHOWN ON THAT SHEET.

EACH PORTION OF THE PLAN THAT FITS ON A SHEET AT A PARTICULAR SCALE (USUALLY ⅛" = 1'–0") IS GIVEN A LETTER OR "BUILDING" DESIGNATION. THE LETTERS "I" AND "O" HAVE BEEN OMITTED TO PREVENT CONFUSION WITH THE NUMBERS "1" AND "0".

THIS CHARACTER MAY NOT BE USED IN CASES WHERE THE CONTENTS OF THE SHEET DO NOT RELATE TO A SPECIFIC AREA DESIGNATION.

4 ARCHITECTURAL SHEET NUMBER DESIGNATIONS

1"–0" = 1'–0"

A. THESE GENERAL NOTES APPLY TO THE CONSTRUCTION DOCUMENTS AND SHALL GOVERN UNLESS NOTED OTHERWISE BY GENERAL NOTES OR KEYNOTES ON SPECIFIC SHEETS.

B. ATTACHMENTS OF EQUIPMENT WEIGHING LESS THAN 400# AND SUPPORTED DIRECTLY ON THE FLOOR OR ROOF STRUCTURE, FURNITURE OR TEMPORARY OR MOVABLE EQUIPMENT AND EQUIPMENT WEIGHING LESS THAN 20# THAT IS SUPPORTED BY VIBRATION ISOLATION DEVICES SUPPORTED FROM THE ROOF, WALL OR FLOOR NEED NOT BE DETAILED ON THE PLANS. (CBC TITLE 24 PART 2 SECTION 1630A.1). HOWEVER, SUCH EQUIPMENT MUST BE SUPPORTED AND ANCHORED TO RESIST THE FORCES PRESCRIBED BY SECTION 1630A.2 AND THE ANCHORAGE SHALL BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD AND THE CITY OF LONG BEACH AS PART OF FIELD REVIEWS/INSPECTIONS. THE INSPECTOR OF RECORD SHALL ASSURE THAT THE ABOVE REQUIREMENTS ARE INFORCED.

C. ALL KITCHEN EQUIPMENT SHALL BE SUPPORTED AND ANCHORED PER SMACNA "GUIDELINES FOR SEISMIC RESTRAINT OF KITCHEN EQUIPMENT".

D. ENERGY COMPLIANCE: THE FOLLOWING SECTIONS OF THE CALIFORNIA ENERGY CODE CCR TITLE 24, PART 6 SHALL BE FOLLOWED FOR THIS CONSTRUCTION:
1. DEVICES (SECTION 100(g)): THE USE OF MANUFACTURED DEVICES IS LIMITED TO DEVICES CERTIFIED BY THE MANUFACTURER TO MEET OR EXCEED THE MINIMUM SPECIFICATIONS OR EFFICIENCIES ADOPTED BY THE CALIFORNIA ENERGY COMMISSION.
2. CONSTRUCTION (SECTION 101): COMPLY WITH THE DEFINITIONS AND RULES OF CONSTRUCTION.
3. INSULATION (SECTION 118): THE USE OF INSULATING MATERIALS IS LIMITED TO ONLY THOSE THAT HAVE BEEN CERTIFIED BY THE MANUFACTURER TO COMPLY WITH THE CALIFORNIA QUALITY STANDARDS FOR INSULATING MATERIAL, TITLE 20, CHAPTER 4, ARTICLE 3. ALL INSULATING MATERIALS SHALL COMPLY WITH THE FLAME SPREAD RATING AND SMOKE DENSITY LIMITATIONS OF THE CBC. INSTALLATION AND R–VALUES FOR INSULATING MATERIALS SHALL BE IN COMPLIANCE WITH SECTION 118.

E. THE AUTOMATIC FIRE SPRINKLER SYSTEM SHALL CONFORM TO THE REQUIREMENTS OF THE 2007 EDITION OF NFPA STANDARD #13. INSTALLATION OF THE FIRE SPRINKLER SYSTEM SHALL NOT BE STARTED UNTIL COMPLETE PLANS AND SPECIFICATIONS (INCLUDING WATER SUPPLY INFORMATION) HAVE BEEN APPROVED BY THE CITY OF RANCHO CUCAMONGA, AT VARIOUS STAGES AND UPON COMPLETION, THE SYSTEM SHALL BE TESTED IN THE PRESENCE OF THE ENFORCING AGENCY.

F. ALL EQUIPMENT SHALL BE LISTED, LABELED OR CERTIFIED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.

G. OUTLET BOXES IN FIRE RATED WALLS AND PARTITIONS SHALL BE SEPARATED HORIZONTALLY A MINIMUM OF 24 INCHES PER CBC 709.7.

H. COMMUNICATIONS SYSTEMS, EMERGENCY POWER SUPPLY SYSTEMS, FIRE ALARM SYSTEMS, EMERGENCY LIGHTING EQUIPMENT AND SIGNS IN THE MEANS OF EGRESS SHALL BE ANCHORED TO NONSTRUCTURAL PERFORMANCE CATEGORY (NPC) 2 STANDARDS AS DEFINED BY THE CBC.

I. THE FIRE ALARM SYSTEM SHALL CONFORM TO ARTICLE 760 OF THE CALIFORNIA ELECTRICAL CODE, 2007 EDITION.

J. UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE ENFORCING AGENCY.

K. PENETRATIONS OF PIPES, CONDUITS, ETC. IN RATED ASSEMBLIES SHALL BE FIRE–STOPPED. FIRE–STOPPING SHALL BE AN APPROVED MATERIAL AS PRESCRIBED BY THE STATE FIRE MARSHAL STANDARDS. PROTECTION DETAILS OF THRU–PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL BE UL/WH LISTED AND COMPLY WITH CBC SECTION 709.6. PROTECTION DETAILS OF MEMBRANE PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL COMPLY WITH CBC SECTION 709.7.

L. COORDINATE ALL PROJECT PHASING WITH OWNER OR AS SPECIFIED AND/OR SHOWN ON THE DRAWINGS.

M. PROVIDE A SAFE MEANS OF EGRESS THROUGH AND/OR AROUND THE BUILDINGS AND SITE PER APPLICABLE CODES AT ALL TIMES DURING THE CONSTRUCTION PROCESS. MINIMIZE DISRUPTION TO ADJACENT AREAS/FLOORS AS MUCH AS POSSIBLE.

N. MINIMIZE NOISE TO A LEVEL ACCEPTABLE TO THE OWNER. WITH A MIN. 48 HOUR NOTICE, SCHEDULE TASKS CREATING EXCESSIVE NOISE OR NEAR SENSITIVE AREAS WITH THE OWNER.

O. PROVIDE DUST CONTROL BETWEEN CONSTRUCTION AREAS AND OCCUPIED AREAS AT ALL TIMES.

P. NOTIFY ARCHITECT PROMPTLY IF INFORMATION SHOWN IN ONE CONSTRUCTION DOCUMENT CONFLICTS WITH INFORMATION SHOWN ON ANOTHER.

Q. NOTIFY ARCHITECT PROMPTLY IF CONSTRUCTION DOCUMENTS ARE INCONSISTENT WITH THE CURRENT APPLICABLE CODES AND REGULATIONS.

R. NOTIFY ARCHITECT PROMPTLY IF ANY EXISTING CONDITIONS CONFLICT WITH THE CONSTRUCTION DOCUMENTS.

S. STRUCTURAL STEEL MEMBER PROFILES AS INDICATED ON ARCHITECTURAL DRAWINGS MAY VARY FROM ACTUAL PROFILES AND SIZES INDICATED ON THE STRUCTURAL DRAWINGS WHICH SHALL GOVERN.

T. COORDINATE EXACT LOCATIONS OF LIGHT FIXTURES. SPEAKERS, SMOKE DETECTORS, EXIT LIGHTS, ACCESS PANELS, SPRINKLER HEADS, HVAC DUCTS, DIFFUSERS, REGISTERS, AND OTHER SUCH CEILING ITEMS WITH MECHANICAL, ELECTRICAL AND OTHER TRADES. NOTIFY ARCHITECT PROMPTLY IF ANY LOCATIONS CONFLICT WITH ARCHITECTURAL REFLECTED CEILING PLANS.

U. REFER TO ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR FLOOR, WALL, AND CEILING OPENINGS. ALL OPENINGS SHALL BE CUT AND PATCHED AS REQUIRED BY EACH DISCIPLINE OR TRADE REQUIRING THE OPENING UNLESS NOTED OTHERWISE IN THE CONSTRUCTION DOCUMENTS. PATCHING IS TO COMPLY WITH APPLICABLE CODES.

V. WOOD BLOCKING WITHIN THE WALL SYSTEM SHALL BE FIRE RETARDANT TREATED. ALL EXTERIOR WOOD BLOCKING SHALL BE MOISTURE TREATED. WOOD MAY NOT BE USED IN AN EXPOSED LOCATION UNLESS IT IS A FINISH MATERIAL IN A NON–COMBUSTIBLE ASSEMBLY OR AS SPECIFIED.

W. MINIMIZE NOISE TO A LEVEL ACCEPTABLE TO THE OWNER. SCHEDULE TASKS CREATING EXCESSIVE NOISE OR NEAR SENSITIVE AREAS WITH THE OWNER.

X. ONE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO MODIFY THE FACILITY FOR ACCESSIBILITY IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODES OF REGULATIONS, SHOULD ANY CONDITIONS DEVELOP NOT INCLUDED IN THE CONTRACT DOCUMENTS SUCH THAT THE FINISHED WORK DOES NOT COMPLY WITH SAID TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA–AC BEFORE PROCEEDING WITH THE WORK.

Y. CONTRACTOR TO REMOVE AND STORE ALL EXISTING SIGNAGE WITHIN THE PROJECT AREA FOR DURATION OF CONSTRUCTION (TO BE REINSTALLED AT COMPLETION).

3 GENERAL NOTES

OWNER: LONG BEACH CITY COLLEGE

CONSTRUCTION MANAGER: BOND MANAGEMENT TEAM
LONG BEACH COMMUNITY COLLEGE DISTRICT
CONTACT: GENE M. DIRECTO — PHONE: (562) 938–5076 FACSIMILE: (562) 938–5065

ARCHITECT: HAMMEL, GREEN AND ABRAHAMSON
CONTACT: JAMES MATSON — PHONE: (310) 557–7609 FACSIMILE: (310) 553–1668

CIVIL: JMC2
CONTACT: FLIX SIN — PHONE: (310) 241–6550 (x241)

STRUCTURAL: ENGLEKIRK & SABOL
CONTACT: TOM SABOL — PHONE: (323) 733–2640 FACSIMILE: (323) 733–8682

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PLUMMBING: M–E ENGINEERS
CONTACT: IVAN VARADI — PHONE: (310) 842–8700 FACSIMILE: (310) 842–7700

TELECOM / DATA: VANTAGE TECHNOLOGY CONSULTING GROUP
CONTACT: JIM RAWSON — PHONE: (310) 536–7676 FACSIMILE: (310) 536–7677

2 CONTACT INFORMATION

PROJECT NAME:
LONG BEACH CITY COLLEGE BUILDING "O" RENOVATION

PROJECT ADDRESS:
4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

PROJECT DESCRIPTION:

OCCUPANCY: B — MIXED OCCUPANCY:

PROPOSED USE:
OFFICE AND S–1 STORAGE

REQUIRED FIRE SEPARATION:
EXISTING SPRINKLER, IN LIEU OF 1 HOUR FIRE RESISTIVE RATING TABLE 601, EXCEPTION E — TYPE OF CONSTRUCTION: TYPE 3A

GROSS SQUARE FEET:
BUILDING 1– 26,560SF BUILDING 2– 51,302 SF

HEIGHT OF BUILDING:
BUILDING1– 2 STORIES 1 PENTHOUSE BUILDING 2– 2 STORIES

ALLOWABLE FLOOR AREA:
28,500 PER FLOOR, 142,500 TOTAL

MAXIMUM HEIGHT OF BUILDING: 65 FEET — MAXIMUM NUMBER OF STORIES: 5 STORIES,

1 PROJECT INFORMATION (NEW CONSTRUCTION)

CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:
LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:
3045-002-00

ARCHITECT:

HGA
Architecture | Engineering | Planning
Hammel, Green and Abrahamson, Inc.
1180 Century Park East - Suite 608
Los Angeles, California USA 90067
Telephone 310.557.7600 Facsimile 310.553.1668

CONSULTANTS:

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M-E Engineers (310) 842-8700

DATA / TELECOM
Vantage Technology Consulting Group (310) 536-7676

SECURITY
Schirmer Engineering (310) 782-0850

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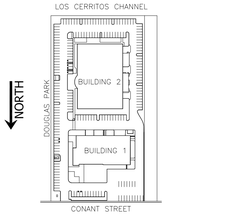

PROJECT DATA, GENERAL NOTES & SYMBOLS

COMM. NO. 3045–002–00
SCALE AS NOTED
DATE August 16, 2011
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A
A	AIR
A/C	AIR CONDITIONING
A/E	ARCHITECT/ENGINEER
AB	ANCHOR BOLT
ABV	ABOVE
ACC	ACCESS(IBLE) (ORIES)
ACOUS	ACOUSTICAL
ACS	AUTOMATIC CONTROL SYSTEM
ADD	ADDENDUM
ADDL	ADDITIONAL
ADH	ADHESIVE
ADJ	ADJUSTABLE
ADJC	ADJACENT
AES	ARCHITECTURALLY EXPOSED FABRICATION STEEL
AFF	ABOVE FINISH FLOOR
AL	ALUMINUM
ALT	ALTERNATE
ANC	ANCHOR(AGE)
ANOD	ANODIZED
APPROX	APPROXIMATE(LY)
ARCH	ARCHITECT(URAL)
AUTO	AUTOMATIC
AVG	AVERAGE

B
BD	BOARD
BEL	BELOW
BFE	BOTTOM OF FOOTING ELEVATION
BLDG	BUILDING
BLE	BRICK LEDGE ELEVATION
BLKG	BLOCKING
BM	BEAM
BOT	BOTTOM
BR	BACKER ROD
BRDG	BRIDGING
BRG	BEARING
BRKT	BRACKET
BTW	BETWEEN
BW	BOTH WAYS

C
C/C	CENTER TO CENTER
CAB	CABINET
CEN	CENT(ER) (TRAL)
CHAM	CHAMFER
CIP	CAST IN PLACE
CIR	CIRCLE
CJ	CONTROL/CONSTRUCTION JOINT
CJP	COMPLETE JOINT PENETRATION
CL	CENTER LINE
CLG	CEILING
CLO	CLOSET
CLR	CLEAR(ANCE)
CNR	CORNER
CNTR	COUNTER
COL	COLUMN
COMB	COMBINATION
COMP	COMPOSITE
COMPU	COMPUTER
CONC	CONCRETE
COND	CONDITION
CONN	CONNECTION
CONST	CONSTRUCTION
CONTR	CONTRACT(OR)
COP	COPING
CORR	CORRIDOR
CP	CONSTRUCTION PACKAGE
CRS	COURSE(S)
CSK	COUNTER (SINK) (SUNK)
CUH	CABINET UNIT HEATER

D
D	DATA OUTLET
D	DEEP, DEPTH
D & E	DRILL AND EPOXY GROUT
DBA	DEFORMED BAR ANCHOR
DBE	DECK BEARING ELEVATION
DBL	DOUBLE
DEG	DEGREE(S)
DEMO	DEMO(LISH) (LITION)
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIF	DIFFEREN(CE) (TIAL)
DIFF	DIFFUSER
DIM	DIMENSION
DIST	DISTRIBUT(E) (ION)
DIV	DIVI(DE) (DED) (DER) (SION)
DL	DEAD LOAD
DN	DOWN
DO	DITTO
DOC	DOCUMENT(S)
DR	DOOR
DS	DOWNSPOUT
DWG(S)	DRAWING(S)
DWL	DOWEL (REBAR)

E
E	EAST, EASTING
EA	EACH
EF	EACH FACE
EHD	ELECTRIC HAND DRYER
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC(AL)
EMER	EMERGENCY
ENCL	ENCLOS(E)(ED)(URE)
ENGR	ENGINEER(S)
ENTR	ENTRANCE

E
(E)	EXISTING
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EACH SIDE
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EX	EXAMPLE
EXC	EXCAVAT(E) (ED) (ION)
EXCL	EXCLUD(E) (ED) (ING)
EXCP	EXCEPT
EXG	EXISTING
EXH	EXHAUST
EXP	EXPAN(D) (SION)
EXT	EXTERIOR

F
F/F	FACE TO FACE
FA	FIRE ALARM
FAB	FABRICAT(E) (ED) (OR)
FAS	FASTEN(ED) (ER)
FC(S)	FACE(S)
FD	FLOOR DRAIN
FDN	FOUNDATION
FF	FINISH FLOOR
FFE	FINISH FLOOR ELEVATION
FLASH	FLASHING
FLEX	FLEXIBLE
FLG	FLANGE
FLR	FLOOR(ING)
FLTL	FIXED LINTEL
FOW	FACE OF WALL
FR	FRAME
FS	FOOTING STEP
FT	FOOT, FEET
FTR	FOOTING
FURG	FURRING

G
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
GSKT	GASKET

H
H	HIGH, HEIGHT
HB	HOSE BIB
HD	HEAD
HDWE	HARDWARE
HM	HOLLOW METAL
HO	HOLD OPEN
HORIZ	HORIZONTAL
HR	HANDRAIL(S)
HSS	HOLLOW STRUCTURAL SECTION (STRUC SHAPE)
HVAC	HEATING, VENTILATING AND AIR CONDITIONING

I
ID	INSIDE DIAMETER/DIMENSION
IN	INCH(ES)
INCL	INCLU(DE) (DED) (DING) (SIVE)
INFO	INFORMATION
INSUL	INSULAT(E) (ED) (ION)
INT	INTERIOR

J
JST	JOIST
JT	JOINT

K
KO	KNOCK OUT
KS	KNEE SPACE

L
L	LONG, LENGTH
LAM	LAMINAT(E) (ED) (ION)
LAV	LAVATORY
LF	LINEAL FOOT, FEET
LOC	LOCAT(E) (ION)
LTG	LIGHTING
LTL	LINTEL
LVL	LEVEL
LW	LIGHTWEIGHT

M
MATL	MATERIAL
MAX	MAXIMUM
MBR	MEMBER
MECH	MECHANICAL(LY)
MEMB	MEMBRANE
MET	METAL
MFD	MANUFACTURED
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MT(D)	MOUNT(ED)
MWO	MULLION

N
(N)	NEW
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE

O
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER/DIMENSION
OF	OUTSIDE FACE
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OFVI	OWNER FURNISHED, VENDOR INSTALLED
OH	OVERHEAD
OPG	OPENING
OPP	OPPOSITE
OPT	OPTION(AL)
OS	OVERFLOW SCUPPER

P
PB	PANIC BAR
PB	PUSH BUTTON
PERIM	PERIMETER
PERM	PERMANENT(LY)
PFB	PREFABRICATE(D)
PFN	PREFINISH(ED)
PL	PROPERTY LINE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PAINT
PTN	PARTITION

Q
QTY	QUANTITY

R
R	RADIUS, RADII
R	RISER
R AND R	REMOVE(D) AND REPLACE(D)
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REC	RECOMMEND(ED)
REF	REFER(ENCE)
REFR	REFRIGERAT(OR) (ED)
REG	REGISTER
REINF	REINFORC(E) (ED) (ING) (EMENT)
REM	REMOV(E) (ED) (ABLE)
REQD	REQUIRED
REQM	REQUIREMENT(S)
RET	RETURN(ED)
REV	REVIS(E) (ED) (ION)
RM	ROOM
RO	ROUGH OPENING
RVS	REVERSE(D)

S
S	S SHAPE (STRUC SHAPE)
SA	SUPPLY AIR
SBLK	SPLASH BLOCK
SCHED	SCHEDULE
SECT	SECTION
SF	SQUARE FOOT/FEET

S
SHT	SHEET(ING)
SHTG	SHEATHING
SIM	SIMILAR
SL(R)	SEAL(ER)
SMS	SHEET METAL SCREWS
SOG	SLAB ON GRADE
SP(S)	SPACE(S)
SPEC(S)	SPECIFICATION(S)
SQ	SQUARE
SRCJ	SPECIALLY ROUGHENED CONSTR JT
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STIF	STIFFENER
STL	STEEL
STOR	STORAGE
STRUC	STRUCTUR(E) (AL)
SUSP	SUSPEN(D) (DED) (SION)
SYS	SYSTEM(S)

T
T	TREAD
T/D	TELEPHONE DATA OUTLET
TBE	TOP OF BEAM ELEVATION
TDE	TOP OF DECK ELEVATION
TEMP	TEMPORARY
TERM	TERMINA(L) (TE) (TION)
TFE	TOP OF FOOTING ELEVATION
THK	THICK(NESS)
THR	THRESHOLD
TJE	TOP OF JOIST ELEVATION
TLE	TOP OF LEDGE ELEVATION
TME	TOP OF MASONRY ELEVATION
TMPD	TEMPERED
TPE	TOP OF PIER ELEVATION
TR	TRANSOM
TRANS	TRANSITION
TSE	TOP OF SLAB ELEVATION
TWE	TOP OF WALL ELEVATION
TYP	TYPICAL

U
UG	UNDERGROUND
UNFIN	UNFINISH(ED)
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
UTIL	UTILITY

V
VAR	VAR(Y) (IES) (IATION)
VEN	VENEER
VENT	VENTILAT(ION) (OR)
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD

W
W	WIDE, WIDTH
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WP	WATERPROOF

X
XP(D)	EXPOSE(D)

SPECIAL SYMBOLS			
@	AT	⊥	PERPENDICULAR
℄	CENTERLINE	#	NUMBER
ø	DIAMETER	/	PER

2 ARCHITECTURAL ABBREVIATIONS
1"–0" = 1'–0"

MATERIAL IDENTIFICATION LIST

SPECIFICATION SECTION	ABBREVIATION	DESCRIPTION
10270	AC FL	ACCESS FLOORING AC FL–2: Tate Concore 2000 stringer system, seismic braced, 18" high, PLAM finish
09510	ACT	ACOUSTIC CEILING TILE ACT–2: 24x48, 5/8"square– tegular edge, to match existing, 15/16 grid
06100	BP	BUILDING PAPER BP–1: 15# asphalt felts
09680	CPT	CARPET Roll Goods CPT–1: Type and color to match existing
03300	CS	CONCRETE SEALER CS–2: TYPE III Cure & Seal, 25%Solids
09310	CTB	CERAMIC TILE – BASE CTB–2: 2" x 2"– built–up coved base, color to match floor tile.
09310	CTF	CERAMIC TILE – FLOOR CTF–1: Daltile, 2x2, natural hues, thin set over isolation membrane, color Pearl White QH63 CTF–2: Daltile, 2x2, natural hues, thin set over isolation membrane, color Green Pinpoint QH11
09310	CTW	CERAMIC TILE – WALL CTW–1: Daltile, Cove Base Q–3445 3–3/4" x 3–3/4", thin set, color Pearl White QH63
08920	CW	CURTAIN WALL(S) (GLAZED ALUMINUM) CW–2: Field assembled, stick type, pressure wall
10520	FE	FIRE EXTINGUISHER FE–2: 5 lbs extinguisher on wall bracket
07842	FRJS	FIRE RESISTIVE JOINT SYSTEM FRJS–2: Edge of slab to curtain wall, 1 hour rated
09775	FRP	FIBERGLASS REINFORCED PANEL(S) FRP–1: (4x8 sheet, textured surface, color white)
06100	FRT	FIRE RETARDANT TREATED FRT–1: Fire retardant treated wood materials
07840	FSTOP	FIRESTOPPING FSTOP: Thru–penetration fire stops at all locations, except slab edges
10810	GB	GRAB BARS GB–1: Stainless steel grab bars, Lengths as indicated drawings
08810	GL	GLASS, GLAZING Insulated Glass GL–22: 1" Insulated, Low–e, tinted unit, 1/4", 1/2", 1/4" GL–22T: 1" Insulated, Low–e, tinted unit, 1/4", 1/2", 1/4" Tempered glass Spandrel Glass GL–43: 1" tinted insulated unit with ceramic frit 1/4", 1/2", 1/4" GL–43T: 1" tinted insulated unit with ceramic frit 1/4", 1/2", 1/4" Tempered glass
09260	GYP BD	GYPSUM BOARD 5/8" Gypsum Panels GYP BD–1: 5/8" fire–rated type "X" wallboard Special Gypsum Panels GYP BD–21: 1" shaft liner GYP BD–25: 5/8" Fire–rated type "X" tile backer board
09260	GYP SHTG	GYPSUM SHEATHING GYP SHTG–2: 5/8" type "X" fiberglass faced gypsum sheathing
09260	GYP TRIM	GYPSUM BOARD TRIM & ACCESSORIES GYP TRIM–1: control joint GYP TRIM–3: 1/2" Metal reveal, Fry Reglet DRM–625–50
07210 09260	INSUL	INSULATION Fiberglass/Mineral Wool Insulation INSUL–21: Foil–faced fiberglass batt insulation with integral vapor barrier Special Purpose Insulation INSUL–30: Expanding polyurethane foam insulation Acoustical Insulation INSUL–40: Acoustical Batts (for use with interior stud walls)
10210	LVR	LOUVER(S) (METAL) LVR–1: 6" deep, prefinished steel
07270	MB	MOISTURE BARRIER MB–1: Self–adhering cavity wall membrane (Permabarrier)
05500	MET FAB	METAL FABRICATION(S) MET RAIL–1: Handrails and Guardrails for existing stairs MET FAB–5: Elevator pit ladder MET FAB–9: Bollards, Surface Mounted
09111	MET FURG	METAL FURRING (INTERIOR) MET FURG–2: Z–furring
09111	MET STUD	METAL STUD FRAMING SYSTEMS (INTERIOR) MET STUD–1: Non–load bearing, 20 ga, size as indicated
10810	MIR	MIRROR(S) (FRAMED) MIR–1: Framed mirror, size as indicated
06402	PLAM	PLASTIC LAMINATE PLAM–1: Vertical Surface, Formica 918–58 PLAM–2: Horizontal, Formica 6217–58 PLAM–3: Elevator Vertical Panel, White Nebula 4621
09220	PLAS	PLASTER Exterior PLAS–12: Vertical portland cement plaster(Stucco), 3/4" thick, metal lath
09900	PT	PAINT PT–1: ICI Pearl Drop #A0143 egg shell PT–2: Color to match existing door frame color. Control sample color ICI Seven Lakes 1244 PT–3: Color to match exterior precast panel
10810	PTC	PAPER TOWEL CABINET(S) PTC–1: Surface mounted
05500	RAIL	RAILINGS (STAIR) RAIL–3: Exit stair handrailing RAIL–4: Exit stair guardrailing RAIL–5: Wall mounted pipe handrail
09650	RB	RESILIENT BASE RB–1: 4" base, coved, color as indicated
09650	RFT	RESILIENT FLOOR TILE RFT–1: 12"x12"x 1/8" vinyl composition tile. Match existing RFT–2: Nora; Noraments 925 Grano, 39.45 ? by 39.45? by 0.14?, Color: 4879 Dalmation Jasper
09650	RST	RESILIENT STAIR TREADS & LANDINGS RST–1: Nora; Noraments 925 Grano, stair tread, Color: 4879 Dalmation Jasper
09650	RTS	RESILIENT TRANSITION STRIP RTS–2: Resilient to carpet RTS–4: Resilient to concrete
10810	SDISP	SOAP DISPENSER(S) SDISP–1: Surface, horizontal design,
07900	SLNT	SEALANT(S) SLNT: Sealant Schedule – Refer to Specifications
07601	SMF	SHEET METAL FLASHING AND TRIM SMF–2: Prefinished .050 aluminum flashing, Kynar color as selected to match existing
13091	SMK GD	SMOKE CONTAINMENT SYSTEM SMK GD–1: Automatic rolled down smoke curtain
02780	SPL BLK	SPLASH BLOCK SPL BLK–1: Precast Concrete Spash Block
05400	STL STUD	STEEL STUD FRAMING SYSTEMS (EXTERIOR) STL STUD–1: Structural steel studs, 16 ga. galv, typical
10810	TPH	TOILET PAPER HOLDER(S) TPH–2: Surface, multi–roll type
07533	TPOT	THERMOPLASTIC SINGLE PLY W/TAPERED INSUL TPOT–1: Mech anchored, tapered insul w/ thermal barrier on metal deck
09680	TRS	TRANSITION STRIP (CARPET) TRS–3: Carpet to ceramic tile
03300	VR	VAPOR RETARDER – UNDERSLAB VR–4: 10 mil polyethylene reinforced sheet
06401	WD	WOOD (TYPE AND FINISH) WD–1: Red oak, plain sliced, transparent finish

SPECIFICATION SECTION	ABBREVIATION	DESCRIPTION
06100	WD BLKG	WOOD BLOCKING WD BLKG–1: Exposed or concealed wood blocking, FRT
06100	WD SHTG	WOOD SHEATHING Concealed Sheating WD SHGT–2: For wet areas, C–D, exterior exposure, FRT/PPT, 3/4" Roof and Miscellaneous WD SHTG–6: Roof sheathing, 3/4" ext C–D, exterior exposure, FRT WD SHTG–9: Exposed Sheathing for Paint: APA, Exposure 1, , 3/4 inch, square edge fire–resistive treated, Douglas Fir
07170/07135	WP	WATERPROOFING WP–2: Bentonite with HPDE for underslab application WP–6: Self–adhering rubberized asphalt (or EPDM) sheets
END OF LIST		

1 MATERIAL IDENTIFICATION CODES
1"–0" = 1'–0"

CLIENT:

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

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Architecture | Engineering | Planning
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SECURITY
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SIGNATURE BLOCK

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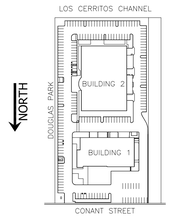

ABBREVIATIONS AND MATERIAL ID LIST

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DATE August 16, 2011
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CHAPTER 33
SAFEGUARDS DURING CONSTRUCTION

SECTION 3301
GENERAL

3301.1 Scope. The provisions of this chapter shall govern safety during construction and the protection of adjacent public and private properties.

3301.2 Storage and placement. Construction equipment and materials shall be stored and placed so as not to endanger the public, the workers or adjoining property for the duration of the construction project.

SECTION 3302
CONSTRUCTION SAFEGUARDS

3302.1 Remodeling and additions. Required exits, existing structural elements, fire protection devices and sanitary safeguards shall be maintained at all times during remodeling, alterations, repairs or additions to any building or structure.

Exceptions:

1. When such required elements or devices are being remodeled, altered or repaired, adequate substitute provisions shall be made.
2. When the existing building is not occupied.

3302.2 Manner of removal. Waste materials shall be removed in a manner which prevents injury or damage to persons, adjoining properties and public rights-of-way.

SECTION 3303
DEMOLITION

3303.1 Construction documents. Construction documents and a schedule for demolition must be submitted when required by the building official. Where such information is required, no work shall be done until such construction documents or schedule, or both, are approved.

3303.2 Pedestrian protection. The work of demolishing any building shall not be commenced until pedestrian protection is in place as required by this chapter.

3303.3 Means of egress. A party wall balcony or horizontal exit shall not be destroyed unless and until a substitute means of egress has been provided and approved

3303.4 Vacant lot. Where a structure has been demolished or removed, the vacant lot shall be filled and maintained to the existing grade or in accordance with the ordinances of the jurisdiction having authority.

3303.5 Water accumulation. Provision shall be made to prevent the accumulation of water or damage to any foundations on the premises or the adjoining property.

3303.6 Utility connections. Service utility connections shall be discontinued and capped in accordance with the approved rules and the requirements of the authority having jurisdiction.

SECTION 3304
SITE WORK

3304.1 Excavation and fill. Excavation and fill for buildings and structures shall be constructed or protected so as not to endanger life or property. Stumps and roots shall be removed from the soil to a depth of at least 12 inches (305 mm) below the surface of the ground in the area to be occupied by the building. Wood forms which have been used in placing concrete, if within the ground or between foundation sills and the ground, shall be removed before a building is occupied or used for any purpose. Before completion, loose or casual wood shall be removed from direct contact with the ground under the building.

3304.1.1 Slope limits. Slopes for permanent fill shall not be steeper than one unit vertical in two units horizontal (50-percent slope). Cut slopes for permanent excavations shall not be steeper than one unit vertical in two units horizontal (50-percent slope). Deviation from the foregoing limitations for cut slopes shall be permitted only upon the presentation of a soil investigation report acceptable to the building official.

3304.1.2 Surcharge. No fill or other surcharge loads shall be placed adjacent to any building or structure unless such building or structure is capable of withstanding the additional loads caused by the fill or surcharge. Existing footings or foundations which can be affected by any excavation shall be underpinned adequately or otherwise protected against settlement and shall be protected against later movement.

3304.1.3 Footings on adjacent slopes. For footings on adjacent slopes, see Chapter 18.

3304.1.4 Fill supporting foundations. Fill to be used to support the foundations of any building or structure shall comply with Section 1803.5. Special inspections of compacted fill shall be in accordance with Section 1704.7.

SECTION 3305
SANITARY

3305.1 Facilities required. Sanitary facilities shall be provided during construction, remodeling or demolition activities in accordance with the *California Plumbing Code*.

SECTION 3306
PROTECTION OF PEDESTRIANS

3306.1 Protection required. Pedestrians shall be protected during construction, remodeling and demolition activities as required by this chapter and Table 3306.1. Signs shall be provided to direct pedestrian traffic.

3306.2 Walkways. A walkway shall be provided for pedestrian travel in front of every construction and demolition site unless the authority having jurisdiction authorizes the sidewalk

to be fenced or closed. Walkways shall be of sufficient width to accommodate the pedestrian traffic, but in no case shall they be less than 4 feet (1219 mm) in width. Walkways shall be provided with a durable walking surface. Walkways shall be accessible in accordance with Chapter *11A or 11B* and shall be designed to support all imposed loads and in no case shall the design live load be less than 150 pounds per square foot (psf) (7.2 kN/m^2).

3306.3 Directional barricades. Pedestrian traffic shall be protected by a directional barricade where the walkway extends into the street. The directional barricade shall be of sufficient size and construction to direct vehicular traffic away from the pedestrian path.

3306.4 Construction railings. Construction railings shall be at least 42 inches (1067 mm) in height and shall be sufficient to direct pedestrians around construction areas.

3306.5 Barriers. Barriers shall be a minimum of 8 feet (2438 mm) in height and shall be placed on the side of the walkway nearest the construction. Barriers shall extend the entire length of the construction site. Openings in such barriers shall be protected by doors which are normally kept closed.

3306.6 Barrier design. Barriers shall be designed to resist loads required in Chapter 16 unless constructed as follows:

1. Barriers shall be provided with 2-inch by 4-inch (51 mm by 102 mm) top and bottom plates.
2. The barrier material shall be a minimum of $^3/_4$-inch (19.1 mm) boards or $^1/_4$-inch (6.4 mm) wood structural use panels.
3. Wood structural use panels shall be bonded with an adhesive identical to that for exterior wood structural use panels.
4. Wood structural use panels $^1/_4$ inch (6.4 mm) or $^5/_{16}$ inch (23.8 mm) in thickness shall have studs spaced not more than 2 feet (610 mm) on center (o.c.).
5. Wood structural use panels $^3/_8$ inch (9.5 mm) or $^1/_2$ inch (12.7 mm) in thickness shall have studs spaced not more than 4 feet (1219 mm) o.c., provided a 2-inch by 4-inch (51 mm by 102 mm) stiffener is placed horizontally at midheight where the stud spacing exceeds 2 feet (610 mm) o.c.
6. Wood structural use panels $^3/_4$ inch (15.9 mm) or thicker shall not span over 8 feet (2438 mm).

3306.7 Covered walkways. Covered walkways shall have a minimum clear height of 8 feet (2438 mm) as measured from the floor surface to the canopy overhead. Adequate lighting shall be provided at all times. Covered walkways shall be designed to support all imposed loads. In no case shall the design live load be less than 150 psf (7.2 kN/m^2) for the entire structure.

Exception: Roofs and supporting structures of covered walkways for new, light-frame construction not exceeding two stories in height are permitted to be designed for a live load of 75 psf (3.6 kN/m^2) or the loads imposed on them, whichever is greater. In lieu of such designs, the roof and supporting structure of a covered walkway are permitted to be constructed as follows:

1. Footings shall be continuous 2-inch by 6-inch (51 mm by 152 mm) members.
2. Posts not less than 4 inches by 6 inches (102 mm by 152 mm) shall be provided on both sides of the roof and spaced not more than 12 feet (3658 mm) o.c.
3. Stringers not less than 4 inches by 12 inches (102 mm by 305 mm) shall be placed on edge upon the posts.
4. Joists resting on the stringers shall be at least 2 inches by 8 inches (51 mm by 203 mm) and shall be spaced not more than 2 feet (610 mm) o.c.
5. The deck shall be planks at least 2 inches (51 mm) thick or wood structural panels with an exterior exposure durability classification at least $^{23}/_{32}$ inch (18.3 mm) thick nailed to the joists.
6. Each post shall be knee braced to joists and stringers by 2-inch by 4-inch (51 mm by 102 mm) minimum members 4 feet (1219 mm) long.
7. A 2-inch by 4-inch (51 mm by 102 mm) minimum curb shall be set on edge along the outside edge of the deck.

3306.8 Repair, maintenance and removal. Pedestrian protection required by this chapter shall be maintained in place and kept in good order for the entire length of time pedestrians may be endangered. The owner or the owner's agent, upon the completion of the construction activity, shall immediately remove walkways, debris and other obstructions and leave such public

TABLE 3306.1
PROTECTION OF PEDESTRIANS

HEIGHT OF CONSTRUCTION	DISTANCE FROM CONSTRUCTION TO LOT LINE	TYPE OF PROTECTION REQUIRED
8 feet or less	Less than 5 feet	Construction railings
	5 feet or more	None
More than 8 feet	Less than 5 feet	Barrier and covered walkway
	5 feet or more, but not more than one-fourth the height of construction	Barrier and covered walkway
	5 feet or more, but between one-fourth and one-half the height of construction	Barrier
	5 feet or more, but exceeding one-half the height of construction	None

For SI: 1 foot = 304.8 mm.

CHAPTER 34
EXISTING STRUCTURES

SECTION 3401
GENERAL

3401.1 Scope. The provisions of this chapter shall control the alteration, repair, addition and change of occupancy of existing structures, *including state-regulated structures in accordance with Sections 3401.1.1 and 3401.1.2.*

Exceptions:

1. Existing bleachers, grandstands and folding and telescopic seating shall comply with ICC 300-02.
2. *[HCD 2] For moved buildings and maintenance, alteration, repair, addition or change of occupancy to existing buildings and accessory structures in mobilehome parks or special occupancy parks as provided in Section 108.2.1.3. See California Code of Regulations, Title 25, Division 1, Chapter 2, and 2.2.*

[DSA-AC] For applications listed in Section 109.1 regulated by the Division of the State Architect—Access Compliance for accessibility requirements, see Chapter 11B, Section 1134B

3401.1.1 Existing state-owned structures. *The provisions of Sections 3415 through 3420 establish minimum standards for earthquake evaluation and design for retrofit of existing state-owned structures, including buildings owned by the University of California and the California State University.*

The provisions of Sections 3415 through 3420 may be adopted by a local jurisdiction for earthquake evaluation and design for retrofit of existing buildings.

3401.1.2 Public school buildings. [DSA-SS] *The provisions of Sections 3415 through 3421 establish minimum standards for earthquake evaluation and design for the rehabilitation of existing buildings for use as public school buildings under the jurisdiction of the Division of the State Architect—Structural Safety (DSA-SS, refer to Section 109.2).*

The provisions of Section 3415 through 3421 also establish minimum standards for earthquake evaluation and design for rehabilitation of existing public school buildings under the jurisdiction of DSA-SS

3401.2 Maintenance. Buildings and structures, and parts thereof, shall be maintained in a safe and sanitary condition. Devices or safeguards which are required by this code shall be maintained in conformance with the code edition under which installed. The owner or the owner's designated agent shall be responsible for the maintenance of buildings and structures. To determine compliance with this subsection, the building official shall have the authority to require a building or structure to be reinspected. The requirements of this chapter shall not provide the basis for removal or abrogation of fire protection and safety systems and devices in existing structures.

3401.3 Compliance with other codes. Alterations, repairs, additions and changes of occupancy to existing structures shall comply with the provisions for alterations, repairs, additions and changes of occupancy in the *California Fire Code, California Plumbing Code, California Mechanical Code and California Electrical Code.*

[HCD 1] See Chapter 34, Section 3403.1, Exception 2 and Title 25, Division 1, Chapter 1, Subchapter 1, Article 1, commencing with Section 1 for existing buildings or structures.

3401.4 Existing Group R-3 occupancies. *[SFM] For smoke alarm requirements in existing buildings, see Section 907.2.10.5.*

SECTION 3402
DEFINITIONS

3402.1 Definitions. The following term shall, for the purposes of this chapter and as used elsewhere in the code, have the following meaning:

PRIMARY FUNCTION. A primary function is a major activity for which the facility is intended. Areas that contain a primary function include, but are not limited to, the customer service lobby of a bank, the dining area of a cafeteria, the meeting rooms in a conference center, as well as offices and other work areas in which the activities of the public accommodation or other private entity using the facility are carried out. Mechanical rooms, boiler rooms, supply storage rooms, employee lounges or locker rooms, janitorial closets, entrances, corridors and restrooms are not areas containing a primary function.

TECHNICALLY INFEASIBLE. An alteration of a building or a facility that has little likelihood of being accomplished because the existing structural conditions require the removal or alteration of a load-bearing member that is an essential part of the structural frame, or because other existing physical or site constraints prohibit modification or addition of elements, spaces or features which are in full and strict compliance with the minimum requirements for new construction and which are necessary to provide accessibility.

SECTION 3403
ADDITIONS, ALTERATIONS OR REPAIRS

3403.1 Existing buildings or structures. Additions or alterations to any building or structure shall comply with the requirements of the code for new construction. Additions or alterations shall not be made to an existing building or structure that will cause the existing building or structure to be in violation of any provisions of this code. An existing building plus additions shall comply with the height and area provisions of Chapter 5. Portions of the structure not altered and not affected

5. The alterations do not create a structural irregularity as defined in ASCE 7 or make an existing structural irregularity more severe.
6. The alterations do not result in the creation of an unsafe condition.

3403.2.3.3 Adoption. [OSHPD 2] *All additions, alterations, repairs and seismic retrofit to the existing structures or portions thereof may be designed and constructed in accordance with the provisions of ASCE 41, as modified herein.*

3403.2.3.3.1 Referenced standards. *All referenced standards listed in ASCE 41 shall be replaced by referenced standards listed in Chapter 35 of this code and shall include all amendments to the reference standards in this code.*

3403.2.3.3.2 ASCE 41 Section 1.4—Rehabilitation Objectives. *Target Building Performance Level shall be Life Safety Building Performance Level (3-C) as defined in Section 1.5.3.3, at Basic Safety Earthquake 1 (BSE-1) Seismic Hazard Level as defined in Section 1.6.1.2 for Occupancy Category II Structures and Basic Safety Objective (BSO) Level as defined in Section 1.4.1 for Occupancy Category III Structures.*

3403.2.3.3.3 ASCE 41 Section 1.6—Seismic hazard. *Response spectra and acceleration time histories shall be constructed in accordance with Sections 1613, 1802.7 and 1802.8.*

3403.2.3.3.4 Analysis procedure. *The selection of a particular analysis procedure from ASCE 41 may be subject to the approval of the enforcement agent.*

3403.2.3.3.5 Design criteria. *Prior to implementation of ASCE 41 non-linear dynamic procedures, the ground motion, analysis and design methods, material assumptions and acceptance criteria proposed by the engineer shall be reviewed by the enforcement agent.*

3403.2.3.3.6 Structural observation, testing and inspections. *Construction testing, inspection and structural observation requirements shall be as required for new construction.*

3403.3 Nonstructural. Nonstructural alterations or repairs to an existing building or structure are permitted to be made of the same materials of which the building or structure is constructed, provided that they do not adversely affect any structural member or the fire-resistance rating of any part of the building or structure.

3403.4 Stairways. An alteration or the replacement of an existing stairway in an existing structure shall not be required to comply with the requirements of a new stairway as outlined in Section 1009 where the existing space and construction will not allow a reduction in pitch or slope.

SECTION 3404
FIRE ESCAPES

3404.1 Where permitted. Fire escapes shall be permitted only as provided for in Sections 3404.1.1 through 3404.1.4.

3404.1.1 New buildings. Fire escapes shall not constitute any part of the required means of egress in new buildings.

3404.1.2 Existing fire escapes. Existing fire escapes shall be continued to be accepted as a component in the means of egress in existing buildings only.

3404.1.3 New fire escapes. New fire escapes for existing buildings shall be permitted only where exterior stairs cannot be utilized due to lot lines limiting stair size or due to the sidewalks, alleys or roads at grade level. New fire escapes shall not incorporate ladders or access by windows.

3404.1.4 Limitations. Fire escapes shall comply with this section and shall not constitute more than 50 percent of the required number of exits nor more than 50 percent of the required exit capacity.

3404.2 Location. Where located on the front of the building and where projecting beyond the building line, the lowest landing shall not be less than 7 feet (2134 mm) or more than 12 feet (3658 mm) above grade, and shall be equipped with a counterbalanced stairway to the street. In alleyways and thoroughfares less than 30 feet (9144 mm) wide, the clearance under the lowest landing shall not be less than 12 feet (3658 mm).

3404.3 Construction. The fire escape shall be designed to support a live load of 100 pounds per square foot (4788 Pa) and shall be constructed of steel or other approved noncombustible materials. Fire escapes constructed of wood not less than nominal 2 inches (51 mm) thick are permitted on buildings of Type 5 construction. Walkways and railings located over or supported by combustible roofs in buildings of Type 3 and 4 construction are permitted to be of wood not less than nominal 2 inches (51 mm) thick.

3404.4 Dimensions. Stairs shall be at least 22 inches (559 mm) wide with risers not more than, and treads not less than, 8 inches (203 mm) and landings at the foot of stairs not less than 40 inches (1016 mm) wide by 36 inches (914 mm) long, located not more than 8 inches (203 mm) below the door.

3404.5 Opening protectives. Doors and windows along the fire escape shall be protected with $^3/_4$-hour opening protectives.

SECTION 3405
GLASS REPLACEMENT

3405.1 Conformance. The installation or replacement of glass shall be as required for new installations.

CLIENT:
LB CITY COLLEGE
LONG BEACH CITY COLLEGE
4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808
CLIENT PROJECT NAME:
LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING
CLIENT PROJECT NUMBER:
3045-002-00
ARCHITECT:
HHA
Architecture | Engineering | Planning
Hammel, Green and Abrahamson, Inc.
1180 Century Park East - Suite 608
Los Angeles, California USA 90067
Telephone 310.557.7600 Facsimile 310.553.1668
CONSULTANTS:
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JMC2 (310) 241-6550
MECHANICAL / ELECTRICAL / PLUMBING
M-E Engineers (310) 842-8700
DATA / TELECOM
Vantage Technology Consulting Group (310) 536-7676
SECURITY
Schirmer Engineering (310) 782-0850
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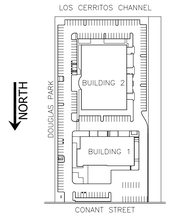

BUILDING CODE DEMOLITION SAFETY PROVISION

COMM. NO. 3045-002-00
SCALE
DATE August 16, 2011
DRAWN

RECORD DRAWING

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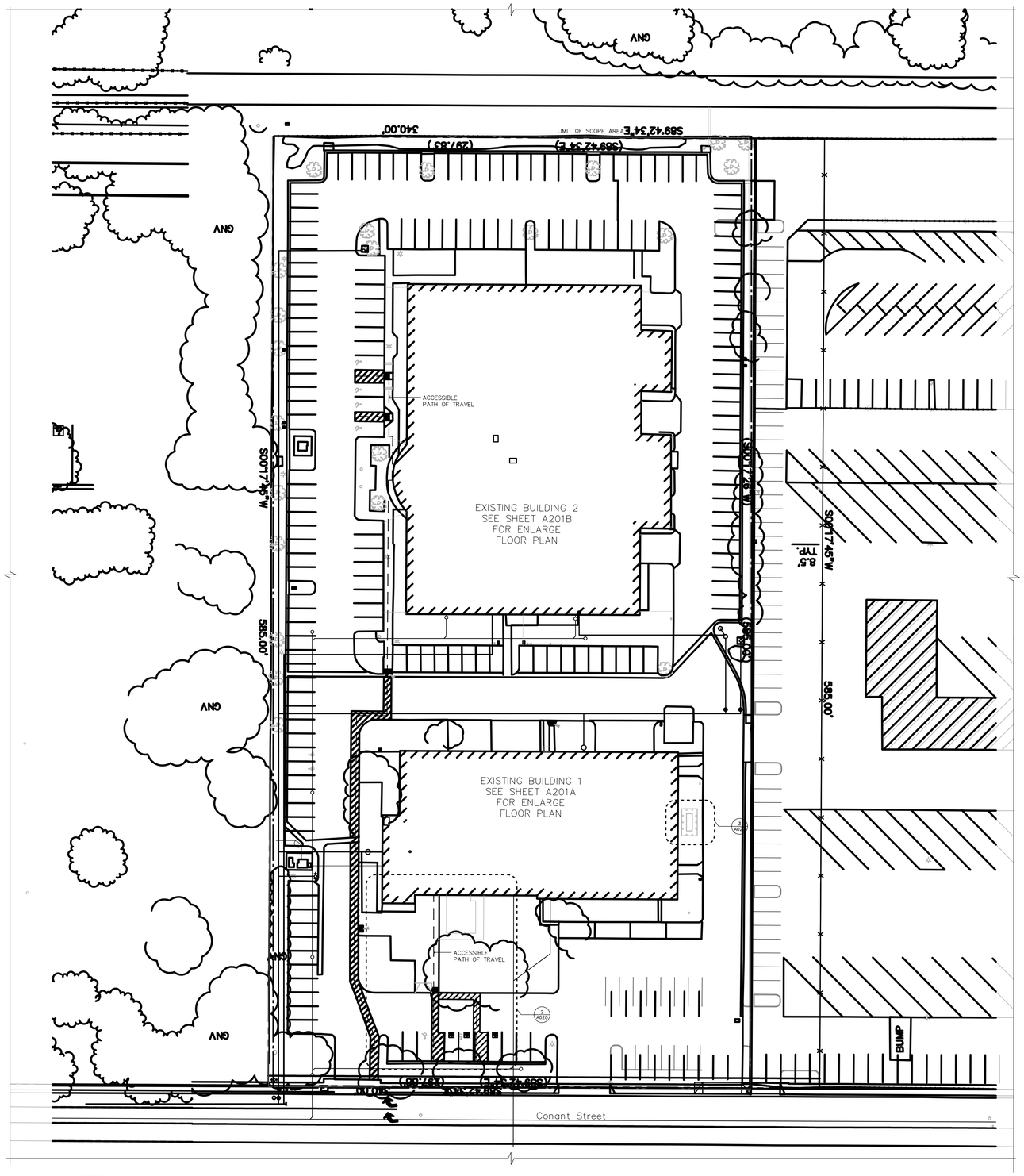
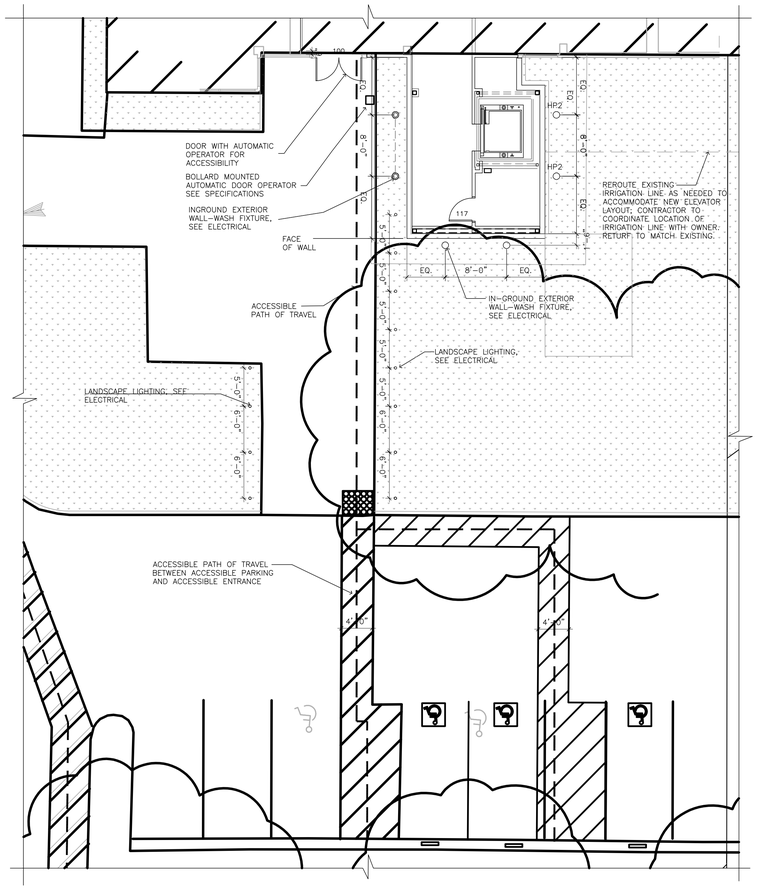
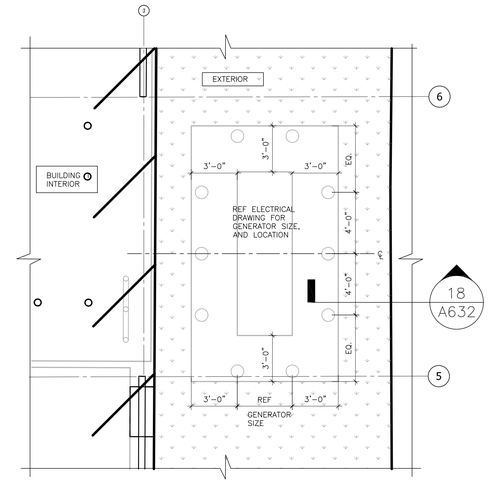


1 SITE PLAN
1" = 30'-0"



2 ENLARGE SITE PLAN
1/8" = 1'-0"



3 ENLARGE SITE PLAN
1/8" = 1'-0"

LEGEND

- ACCESSIBLE PATH OF TRAVEL
- WORK LIMITS

CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

HGA

Architecture | Engineering | Planning
Hammel, Green and Abrahamson, Inc.
1180 Century Park East - Suite 608
Los Angeles, California USA 90067
Telephone 310.557.7600 Facsimile 310.553.1668

CONSULTANTS:

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CIVIL JMC2	(310) 241-6550
MECHANICAL / ELECTRICAL / PLUMBING M-E Engineers	(310) 842-8700
DATA / TELECOM Vantage Technology Consulting Group	(310) 536-7676
SECURITY Schirmer Engineering	(310) 782-0850

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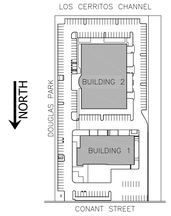

BUILDING 1 - SITE PLAN

COMM. NO.	3045-002-00
SCALE	1" = 30'-0"
DATE	August 16, 2011
DRAWN	AOHARE

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A020

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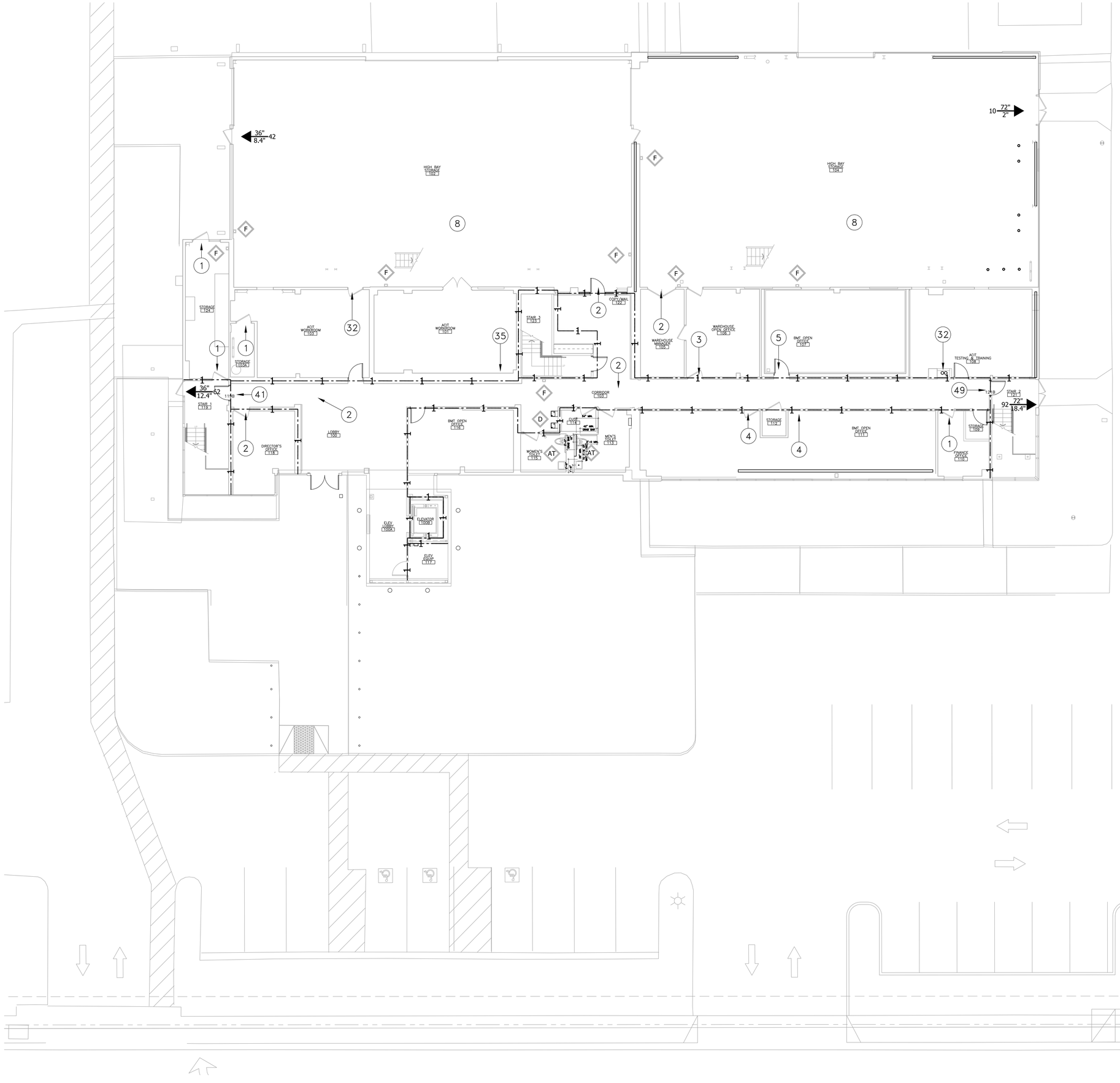

LIFE SAFETY PLAN SYMBOL DESIGNATIONS

89 — 44" / 17.9"	NUMBER OF OCCUPANTS — ACTUAL EXIT OR STAIR WIDTH — REQUIRED WIDTH FOR # OF OCCUPANTS
1 - - 1	FIRE/SMOKE RESISTIVE PARTITION
	NEW AND EXISTING CONSTRUCTION

REQUIRED ASSEMBLY RATING		MINIMUM OPENING PROTECTION ASSEMBLY
1	ONE HOUR RATED	1 HOUR
2	TWO HOUR RATED	1½ HOUR
3	THREE HOUR RATED	3 HOUR
4	FOUR HOUR RATED	3 HOUR

TYPE OF ASSEMBLY

B	FIRE BARRIER	P	FIRE PARTITION
E	EXISTING AND RATED	RF	RADIO FREQUENCY SHIELDING
L	LEAD LINED	S	SMOKE BARRIER/COMPARTMENT (22,500 SQ FT MAX)
M	MAGNETIC SHIELDING	W	FIRE WALL
O	OCCUPANCY (UBC/SBC ONLY)	X	SMOKE TIGHT
F	FIRE EXTINGUISHER (MAXIMUM TRAVEL 75'-0")	S	FIRE DEPARTMENT CONNECTION (SIAMESE CONNECTION)
D	DRINKING FOUNTAIN	AT	ACCESSIBLE TOILET

(X) OCCUPANT LOAD OF SPACE

(X) → OCCUPANT LOAD USING EXIT

REQUIRED DAMPERS

FIRE	SMOKE	COMBINATION
FIREWALL	SMOKE BARRIER	SHAFT
FIRE BARRIER	CORRIDOR	EXIT ENCLOSURES
FIRE PARTITION EXCEPTIONS		STAIRS

BUILDING 1

BUILDING NAME: BUILDING 1

OCCUPANCY / CONST: B / S1

BASIC AREA / HT LIMIT: 2007 CBC TABLE 503
B–28,500 5 STORY
S1–26,000 3 STORY

SPRINKLERED: YES, 1 HOUR FIRE RESISTIVE SUBSTITUTION

SIDE YARD INCREASE: NO

MAX. ALLOWABLE AREA: B–142,500 GSF 5 STORY

BUILDING GROSS AREA: B–26,560 GSF 3 STORY

OCCUPANT LOAD FACTORS

TABLE 1004.1.1	SF/PERSON
OFFICE	100
STORAGE/CLOSET	300
LOUNGE/MEETING	15
WAREHOUSE	500

CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

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DATA / TELECOM Vantage Technology Consulting Group	(310) 536-7676
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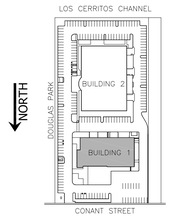

BUILDING 1 - LIFE SAFTELY PLAN FIRST FLOOR

COMM. NO. 3045–002–00
SCALE 1/8"
DATE August 16, 2011
DRAWN AOHARE

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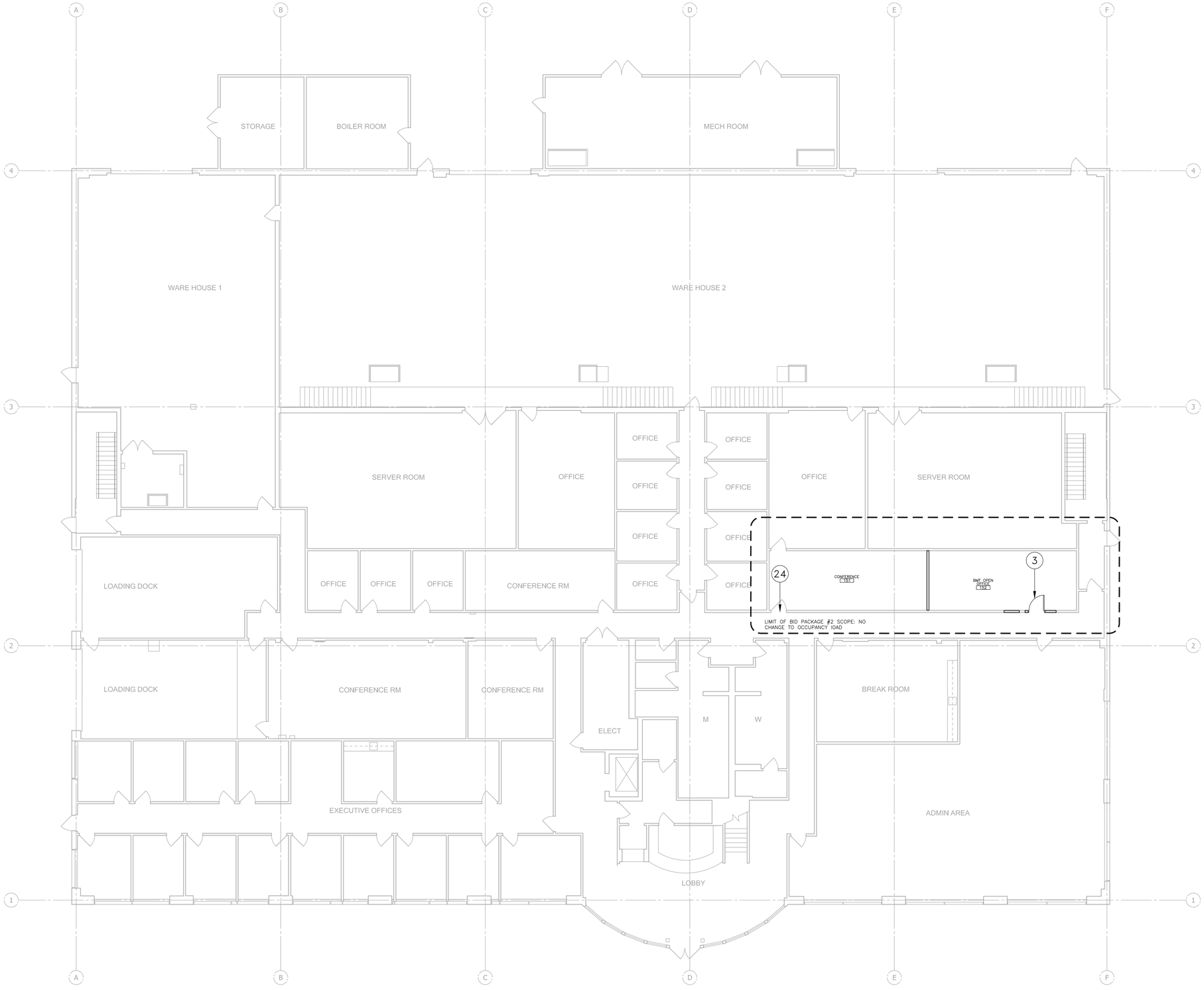


LIFE SAFETY PLAN SYMBOL DESIGNATIONS

I 1.1 / I FR	BUILDING CODE OCCUPANCY TYPE / BUILDING CODE CONSTRUCTION TYPE
NHCO/EHCO I (443)	LIFE SAFETY CODE OCCUPANCY TYPE / LIFE SAFETY CODE CONSTRUCTION TYPE
89 → 44" / 17.9"	NUMBER OF OCCUPANTS; ACTUAL EXIT OR STAIR WIDTH; REQUIRED WIDTH FOR # OF OCCUPANTS
8932 SF	HOSPITAL SUITE SQUARE FOOTAGE (10,000 SF MAX AT TREATMENT) (5,000 SF MAX AT SLEEPING AREAS)
	FIRE/SMOKE RESISTIVE PARTITION
	NEW AND EXISTING CONSTRUCTION

REQUIRED ASSEMBLY RATING		MINIMUM OPENING PROTECTION ASSEMBLY
1	ONE HOUR RATED	1 HOUR
2	TWO HOUR RATED	1½ HOUR
3	THREE HOUR RATED	3 HOUR
4	FOUR HOUR RATED	3 HOUR

TYPE OF ASSEMBLY

B	FIRE BARRIER	P	FIRE PARTITION
E	EXISTING AND RATED	RF	RADIO FREQUENCY SHIELDING
L	LEAD LINED	S	SMOKE BARRIER/COMPARTMENT (22,500 SQ FT MAX)
M	MAGNETIC SHIELDING	W	FIRE WALL
O	OCCUPANCY (UBC/SBC ONLY)	X	SMOKE TIGHT
F	FIRE EXTINGUISHER (MAXIMUM TRAVEL 75'-0")	S	FIRE DEPARTMENT CONNECTION (SIAMESE CONNECTION)
D	DRINKING FOUNTAIN	P	PUBLIC TELEPHONE
	NEW EXIT PATH/EGRESS CORRIDOR		EXISTING EXIT PATH/EGRESS CORRIDOR
	NEW VERTICAL/ HORIZ EXIT ENCLOSURE		EXISTING VERT/ HORIZ EXIT ENCLOSURE

REQUIRED DAMPERS

FIRE	SMOKE	COMBINATION
FIREWALL	SMOKE BARRIER	SHAFT
FIRE BARRIER	CORRIDOR	EXIT ENCLOSURES
FIRE PARTITION EXCEPTIONS		STAIRS

BUILDING 2

BUILDING NAME: BUILDING 2

OCCUPANCY / CONST: B / TYPE III B

BASIC AREA / HT LIMIT: 2007 CBC TABLE 503
B-19,000 4 STORY

SPRINKLERED: YES, 200 % INCREASE 506.3

SIDE YARD INCREASE: NO

MAX. ALLOWABLE AREA: B-152,000 GSF 4 STORY

BUILDING GROSS AREA: B-51,300 GSF 2 STORY

OCCUPANT LOAD FACTORS

TABLE 1004.1.1	SF/PERSON
OFFICE	100
STORAGE/CLOSET	300
LOUNGE/MEETING	15
WAREHOUSE	500

CLIENT:

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

Architecture | Engineering | Planning
Hammel, Green and Abrahamson, Inc.
1180 Century Park East - Suite 608
Los Angeles, California USA 90067
Telephone 310.557.7600 Facsimile 310.553.1668

CONSULTANTS:

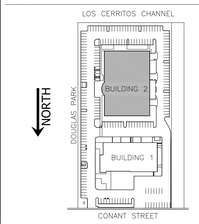
STRUCTURAL Englekirk & Sabol	(323) 733-2640
CIVIL JMC2	(310) 241-6550
MECHANICAL / ELECTRICAL / PLUMBING M-E Engineers	(310) 842-8700
DATA / TELECOM Vantage Technology Consulting Group	(310) 536-7676
SECURITY Schirmer Engineering	(310) 782-0850

SIGNATURE BLOCK

08.08.2011- RECORD DRAWING

REVISION HISTORY - THIS SHEET

KEY PLAN



BUILDING 2 - LIFE SAFETY PLAN FIRST FLOOR

COMM. NO. 3045-002-00
SCALE 1/8"
DATE August 8, 2011
DRAWN AOHARE

RECORD DRAWING

A021B

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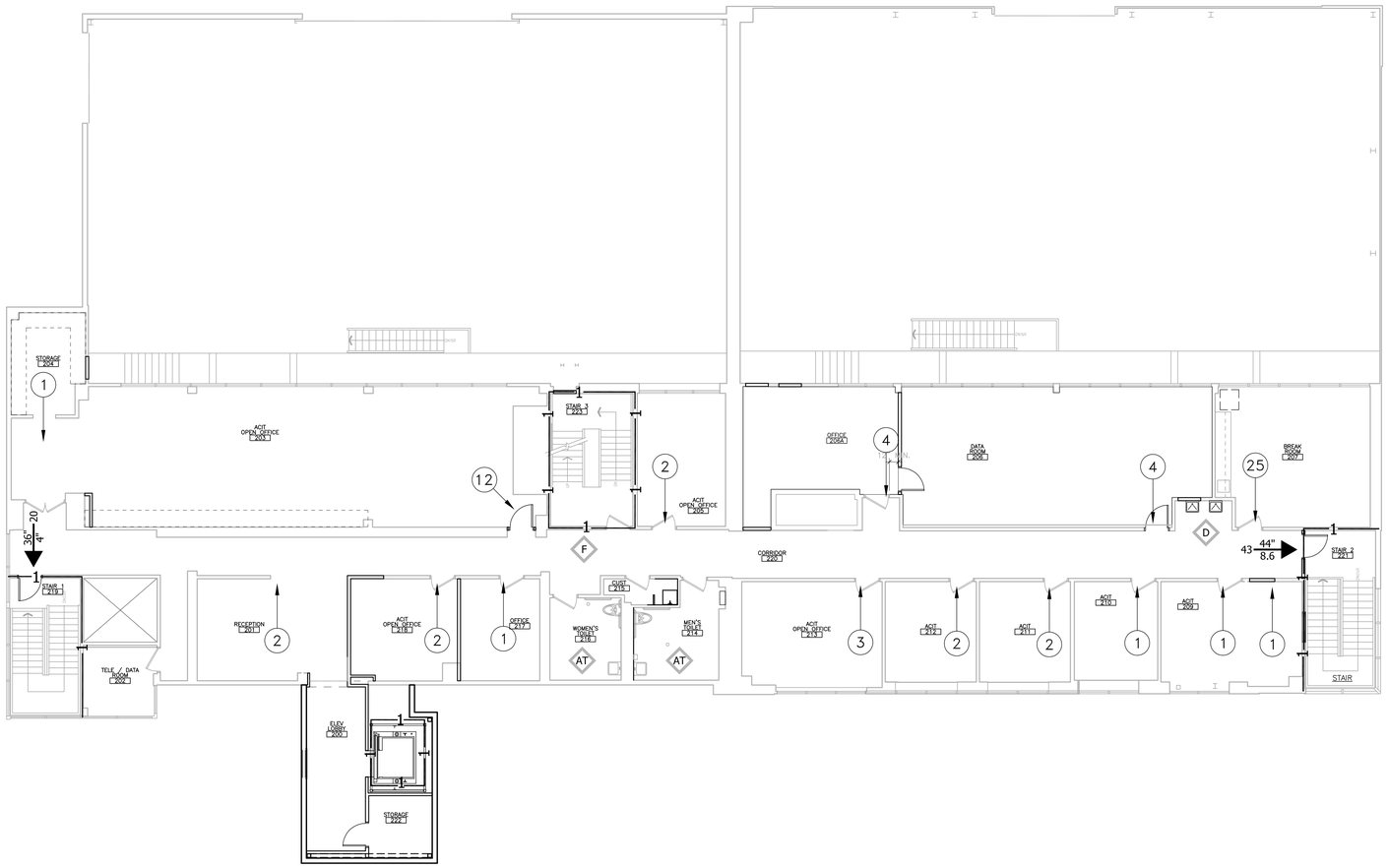

LIFE SAFETY PLAN SYMBOL DESIGNATIONS

89 → 44" / 17.9"	NUMBER OF OCCUPANTS → ACTUAL EXIT OR STAIR WIDTH / REQUIRED WIDTH FOR # OF OCCUPANTS
1 - - 1	FIRE/SMOKE RESISTIVE PARTITION
	NEW AND EXISTING CONSTRUCTION

REQUIRED ASSEMBLY RATING		MINIMUM OPENING PROTECTION ASSEMBLY
1	ONE HOUR RATED	1 HOUR
2	TWO HOUR RATED	1½ HOUR
3	THREE HOUR RATED	3 HOUR
4	FOUR HOUR RATED	3 HOUR

TYPE OF ASSEMBLY

B	FIRE BARRIER	P	FIRE PARTITION
E	EXISTING AND RATED	RF	RADIO FREQUENCY SHIELDING
L	LEAD LINED	S	SMOKE BARRIER/COMPARTMENT (22,500 SQ FT MAX)
M	MAGNETIC SHIELDING	W	FIRE WALL
O	OCCUPANCY (UBC/SBC ONLY)	X	SMOKE TIGHT
F	FIRE EXTINGUISHER (MAXIMUM TRAVEL 75'-0")	S	FIRE DEPARTMENT CONNECTION (SIAMESE CONNECTION)
D	DRINKING FOUNTAIN	AT	ACCESSIBLE TOILET

(X) OCCUPANT LOAD OF SPACE

(X) → OCCUPANT LOAD USING EXIT

REQUIRED DAMPERS

FIRE	SMOKE	COMBINATION
FIREWALL	SMOKE BARRIER	SHAFT
FIRE BARRIER	CORRIDOR	EXIT ENCLOSURES
FIRE PARTITION EXCEPTIONS		STAIRS

BUILDING 1

BUILDING NAME: BUILDING 1

OCCUPANCY / CONST: B / S1

BASIC AREA / HT LIMIT: 2007 CBC TABLE 503
B-28,500 5 STORY
S1-26,000 3 STORY

SPRINKLERED: YES, 1 HOUR FIRE RESISTIVE SUBSTITUTION

SIDE YARD INCREASE: NO

MAX. ALLOWABLE AREA: B-142,500 GSF 5 STORY

BUILDING GROSS AREA: B-26,560 GSF 3 STORY

OCCUPANT LOAD FACTORS

TABLE 1004.1.1	SF/PERSON
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STORAGE/CLOSET	300
LOUNGE/MEETING	15
WAREHOUSE	500

CLIENT:

LONG BEACH CITY COLLEGE

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BUILDING " O "
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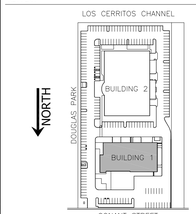

BUILDING 1 - LIFE SAFETY PLAN SECOND FLOOR

COMM. NO.	3045-002-00
SCALE	1/8"
DATE	August 16, 2011
DRAWN	AOHARE

RECORD DRAWING

A022A

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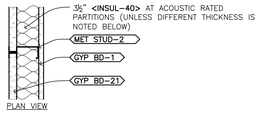
G SERIES

NONCOMBUSTIBLE

AVAILABLE FIRE RESISTANCE: 1 HOUR



PTN TYPE	STUD WIDTH	PTN WIDTH	1 HOUR CONSTRUCTION TESTS	STC W/O INSUL	STC W/ INSUL	NOTES	AS DRAWN DIMENSION
G2	2½"	3⅛"	GA FILE NO WP7008 UL DES NO U469	N/A	35-39	1½" <INSUL-40>	3⅛"
G4	4"	4⅝"	GA FILE NO WP7008 UL DES NO U469	N/A	35-39	3" <INSUL-40>	4⅝"
G6	6"	6⅝"	GA FILE NO WP7008 UL DES NO U469	N/A	35-39	XXX	6⅝"
	XXX	XXX	XXX	XXX	XXX	XXX	XXX
	XXX	XXX	XXX	XXX	XXX	XXX	XXX
	XXX	XXX	XXX	XXX	XXX	XXX	XXX
	XXX	XXX	XXX	XXX	XXX	XXX	XXX
	XXX	XXX	XXX	XXX	XXX	XXX	XXX

NOTE: SOME PARTITION TYPES DESCRIBED ABOVE MAY NOT BE REQUIRED ON THIS PROJECT.

NOTES: 1. GA AND UL TEST NUMBERS WILL VARY DEPENDING ON THE MANUFACTURER OF COMPONENTS ACTUALLY USED

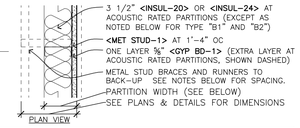
PARTITION TYPE SYMBOL G#

7 INTERIOR PARTITION TYPE - G SERIES
1 1/2" = 1'-0"

B SERIES

NON COMBUSTIBLE

NO FIRE RESISTANCE RATING AVAILABLE



PARTITION TYPE	STUD WIDTH	PARTITION WIDTH	WIDTH AT ACOUSTIC PARTITION	STC W/O INSUL	STC W/ INSUL	NOTES	AS DRAWN DIMENSION
B1	1⅝"	2¼"	3"	N/A	N/A	PROVIDE BRACES TO BACK-UP AT 4'-0" OC MAXIMUM VERTICALLY 1½" <INSUL-20> OR <INSUL-24>	
B2	2½"	3¼"	3¾"	N/A	N/A	PROVIDE BRACES TO BACK-UP AT 4'-0" OC MAXIMUM VERTICALLY 2½" <INSUL-20> OR <INSUL-24>	
B3	3⅝"	4¼"	5"	N/A	N/A	PROVIDE BRACES TO BACK-UP AT VERTICAL MIDPOINT OF STUD WHERE UNBRACED HEIGHT EXCEEDS 12'-0"	
B6	6"	6¾"	7¼"	N/A	N/A	PROVIDE BRACES TO BACK-UP AT VERTICAL MIDPOINT OF STUD WHERE UNBRACED HEIGHT EXCEEDS 12'-0"	

NOTES: 1. WHERE STUD DOES NOT EXTEND TO RUNNER AND STRUCTURE ABOVE, PROVIDE BRACE AT TOP OF STUD IN ADDITION TO SPACINGS NOTED BELOW.

PARTITION TYPE SYMBOL B#

4 INTERIOR PARTITION TYPE - B SERIES
1 1/2" = 1'-0"

A. PARTITIONS SHALL BE TYPE A3 UNLESS NOTED OTHERWISE.

B. ALL PARTITIONS SHALL BE ACOUSTICALLY RATED UNLESS NOTED OTHERWISE. ALL ELEMENTS OF ACOUSTIC RATED PARTITIONS SHALL EXTEND TO ROOF OR FLOOR DECK ABOVE. WHERE WALL IS PERPENDICULAR TO THE DECK FLUTES, GYPSUM BOARD TO BE CUT TO FIT THE PROFILE OF DECK.

C. SEE SHEET A064 FOR PARTITION DETAILS.

D. SEE "INTERIOR PARTITION TYPE SUBSCRIPT KEY" BELOW FOR SYMBOLS USED TO IDENTIFY ADDITIONAL REQUIREMENTS MODIFICATIONS TO BASIC PARTITION TYPES.

E. PARTITION TYPES DESCRIBE GENERAL REQUIREMENTS FOR PARTITIONS. REFER TO THE MANUFACTURERS' SPECIFICATIONS AND REQUIREMENTS OF APPLICABLE TESTING AGENCIES FOR SPECIFICS OF PARTITION CONSTRUCTION.

F. PARTITION REQUIREMENTS SHOWN ARE CONSIDERED MINIMUM STANDARDS. WHERE CONDITIONS OF THE WORK CAUSE PARTITION TO EXCEED LIMITS RECOMMENDED BY MANUFACTURER, REINFORCE PARTITION.

G. PENETRATIONS IN RATED PARTITIONS AND CONNECTIONS OF THE PARTITIONS TO OTHER PORTIONS OF THE WORK SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED DETAILS AND IN COMPLIANCE WITH APPLICABLE TESTING AGENCY REQUIREMENTS.

H. WHERE A CLEAR DIMENSION OR OPENING IS REQUIRED OR NOTED, MEASURE DIMENSION TO FACE OF PARTITION FINISH.

J. SEE STRUCTURAL DRAWINGS FOR EXTENT AND DESCRIPTION OF INTERIOR STRUCTURAL WALLS NOT IDENTIFIED BY PARTITION TYPES.

K. INSTALL BLOCKING OR BACKER MATERIAL FOR ATTACHMENT/MOUNTING OF WALL HUNG ITEMS OR EQUIPMENT DESCRIBED IN THE DOCUMENTS.

L. GA AND UL TEST NUMBERS WILL VARY DEPENDING ON THE MANUFACTURER OF COMPONENTS ACTUALLY USED. VARIATION FROM DESIGNATED UL NUMBERS IS NOT ALLOWED UNLESS APPROVED WRITING BY THE FIELD FIRE MARSHALL.

M. PROVIDE SPECIFIED METAL STUD GAUGE UNLESS NOTED OTHERWISE.

N. PROVIDE 5/8" RATED GYPSUM BOARD UNLESS NOTED OTHERWISE.

P. PROVIDE RATED TYPE 'X' GYPSUM BOARD AT FIRE RATED PARTITIONS.

Q. PROVIDE WATER RESISTANT TYPE GYPSUM BOARD AT AREAS THAT ARE SCHEDULED TO RECEIVE CERAMIC TILE FINISH AND AS REQUIRED BY CODE (EXCEPT AS NOTED IN NOTE "R" BELOW).

R. PROVIDE CEMENT TILE BACKER BOARD AT SHOWER AREAS AND AT OTHER WET AREAS THAT ARE SCHEDULED IN ROOM FINISH SCHEDULE TO RECEIVE CERAMIC TILE FINISH.

S. PROVIDE VENEER PLASTER BASE BOARD WHERE PARTITION IS SCHEDULED IN ROOM FINISH SCHEDULE TO RECEIVE VENEER PLASTER.

T. INSTALLATION OF GYPSUM BOARD, BACKER BOARD AND BASE BOARD SHALL CONFORM TO REQUIREMENTS FOR FIRE RATINGS AND ACOUSTICAL RATINGS.

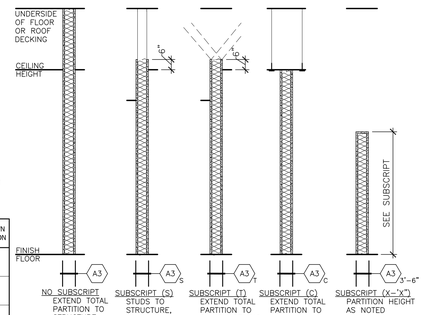
U. TYPICAL FLOOR PLAN DIMENSIONS OF PARTITIONS ARE TO THE NOMINAL FINISH FACE OF GYPSUM BOARD UNLESS NOTED TO THE CENTERLINE OF THE PARTITION.

V. WHERE PARTITIONS AND/OR FURRING MEET, MAINTAIN A FLUSH SURFACE ON THE SIDE WHERE THE FINISH IS STRAIGHT OR CONTINUOUS UNLESS NOTED OTHERWISE.

W. WHERE THE HEAD OF A RATED WALL MEETS THE UNDERSIDE OF A STRUCTURAL MEMBER, THE STRUCTURAL MEMBER SHALL BE FRAMED OUT WITH METAL STUDS & Z-CLIPS TO ALLOW THE TYPE X GYPSUM BOARD TO WRAP THE STRUCTURAL MEMBER AND ABUT THE DECK ABOVE, THUS MAINTAINING THE FIRE RATING OF THE FULL-HEIGHT PARTITION.

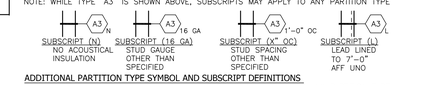
X. REFERENCE: UL 2003 FIRE RESISTANCE DIRECTORY, VOL 1:
-FIRE RESISTANCE RATINGS-ANSI/UL 263 (BXUV), PAGE 5- GYPSUM BOARD:
GYPSUM BOARD THICKNESSES SPECIFIED IN SPECIFIC DESIGNS ARE MINIMUMS. GREATER THICKNESSES OF GYPSUM BOARD ARE PERMITTED AS LONG AS THE FASTENER LENGTH IS INCREASED TO PROVIDE PENETRATION INTO FRAMING THAT IS EQUAL TO OR GREATER THAN THAT ACHIEVED WITH THE SPECIFIED GYPSUM BOARD THICKNESS AND FASTENERS. ADDITIONAL LAYERS OF GYPSUMBOARD ARE PERMITTED TO BE ADDED TO ANY DESIGN.
-FIRE RESISTANCE RATINGS-ANSI/UL 263 (BXUV), PAGE 10- STEEL STUDS:
THE DIMENSIONS AND GAUGE OF STEEL STUDS ARE MINIMUMS. THE HOURLY RATINGS APPLY WHEN THE STEEL STUDS ARE OF A HEAVIER GAUGE AND/OR LARGER DIMENSIONS THAN SPECIFIED IN A DESIGN.

1 INTERIOR PARTITION GENERAL NOTES



PARTITION TYPE SYMBOL AND SUBSCRIPT DEFINITIONS FOR PARTITIONS INDICATED ABOVE

NOTE: WHILE TYPE "A3" IS SHOWN ABOVE, SUBSCRIPTS MAY APPLY TO ANY PARTITION TYPE



ADDITIONAL PARTITION TYPE SYMBOL AND SUBSCRIPT DEFINITIONS

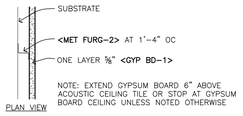
NOTE: WHILE TYPE "A3" IS SHOWN ABOVE, SUBSCRIPTS MAY APPLY TO ANY PARTITION TYPE

2 INTERIOR PARTITION TYPE SUBSCRIPT KEY
NOT TO SCALE

U SERIES

NON COMBUSTIBLE

NO FIRE RATING AVAILABLE



PARTITION TYPE	STUD WIDTH	PARTITION WIDTH	STC W/O INSUL	STC W/ INSUL	NOTES	AS DRAWN DIMENSION
U1	1"	1½"	N/A	N/A		1½"
U15	1½"	2¼"	N/A	N/A		2"
U2	2"	2½"	N/A	N/A		2½"
U3	3"	3½"	N/A	N/A		3½"

NOTES: 1.
2.
3.
4.
5.

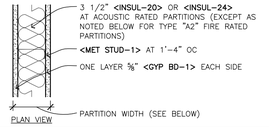
PARTITION TYPE SYMBOL U#

5 INTERIOR PARTITION TYPE - U SERIES
1 1/2" = 1'-0"

A SERIES

NON COMBUSTIBLE

AVAILABLE FIRE RESISTANCE: 1 HOUR



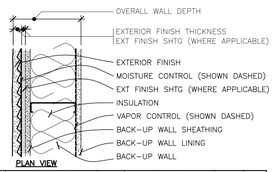
PARTITION TYPE	STUD WIDTH	PARTITION WIDTH	1 HOUR RATING REFERENCE	STC W/O INSUL	STC W/ INSUL	NOTES	AS DRAWN DIMENSION
A2	2½"	3¼"	UL DES NO U425	40-44	47 EST	1 HR REQD. 2½" MIN OF <INSUL-20>	3¼"
A3	3⅝"	5"	UL DES NO U465	40-44	45-49	1 HR REQD. 2½" MIN OF <INSUL-20>	5"
A6	6"	7¼"	UL DES NO U465	40-44	45-49		7¼"
A8	8"	9¼"	UL DES NO U465	40-44	45-49		9¼"

NOTES: UL# U465 (NOTES APPLICABLE AT FIRE RATED PARTITIONS):
1. CHANNEL SHAPED RUNNER, MATCH STUD WIDTH, 1¼" LEGS FORMED FROM MIN. NO. 22 MSG GALV STEEL, ATTACHED TO FLOOR AND CEILING WITH FASTENERS SPACED 24" OC MAX.
2. STUDS, CHANNEL SHAPED, WIDTH AS INDICATED, 1¼" LEGS, ⅜" FOLDED BACK RETURNS, FORMED FROM MIN NO. 22 MSG GALV STEEL, SPACED @ 16" OC.
3. GYPSUM BOARD, ⅝" THICK, 4 FOOT WIDE, ATTACHED TO STEEL STUDS AND FLOOR AND CEILING TRACK WITH 1" LONG, TYPE "S" STEEL SCREWS. SPACE 8" OC ALONG EDGES OF BOARD AND 12" OC IN THE FIELD OF THE BOARD. JOINT ORIENTED VERTICALLY AND STAGGERED ON OPPOSITE SIDES OF THE ASSEMBLY.
4. VINYL, DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS; PAPER TAPE, 2" WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.

UL SERIES

CEMENT PLASTER (STUCCO) VENEER

STEEL STUD BACK-UP WALL (STUD INSUL)



WALL TYPE	EXTERIOR FINISH MATERIAL	THK	LATH	MOIST CONTRL	EXT FIN SHTG	INSULATION TYPE	INSULATION THICKNESS	VAPOR CONTRL	BACK-UP WALL SHTG	BACK-UP WALL STUDS	BACK-UP WALL LINING	WALL DEPTH	NOTES
UL1	PLAS-12	¾"	METAL	BP-1	NONE	INSUL-21	6"	(SEE INSUL)	GYP SHTG-2	6" @ 16" OC	GYP BD-1	8"	1,2,4
UL2	PLAS-12	1"	METAL	AB-1	WD SHTG-2	INSUL-20	6"	VR-1	GYP SHTG-1	6" @ 16" OC	GYP BD-1	9"	1,3,5
UL3	PLAS-12	¾"	METAL	BP-1	CEM SHTG-1	INSUL-24	6"	VR-2	GYP SHTG-1	6" @ 16" OC	GYP BD-1	8½"	1,3,5
UL4													
UL5													

NOTE: WALL TYPES NOT REFERENCED ON DRAWINGS MAY NOT BE REQUIRED ON THIS PROJECT

NOTES: 1. SEE ROOM FINISH SCHEDULE & DWGS FOR INTERIOR WALL LINING VARIATIONS, WHERE APPLICABLE.
2. ATTACH LATH TO STL FURG FASTENED OVER MOISTURE CONTROL TO STUDS BEHIND.
3. ATTACH LATH OVER MOISTURE CONTROL THROUGH SHEATHING TO STUDS BEHIND.
4. STUD SIZE & SPACING SHOWN IS MIN REQUIRED & MUST BE VERIFIED BY DESIGN OF SUPPLIER.

WALL TYPE SYMBOL UL#

6 EXTERIOR WALL TYPE - UL SERIES
1 1/2" = 1'-0"

PARTITION TYPE SYMBOL A#

3 INTERIOR PARTITION TYPE - A SERIES
1 1/2" = 1'-0"

CLIENT:

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

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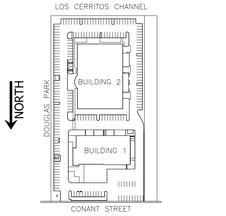

EXTERIOR AND INTERIOR PARTITION TYPES

COMM. NO. 3045-002-00
SCALE AS NOTED
DATE August 16, 2011
DRAWN AOHARE

RECORD DRAWING

A060

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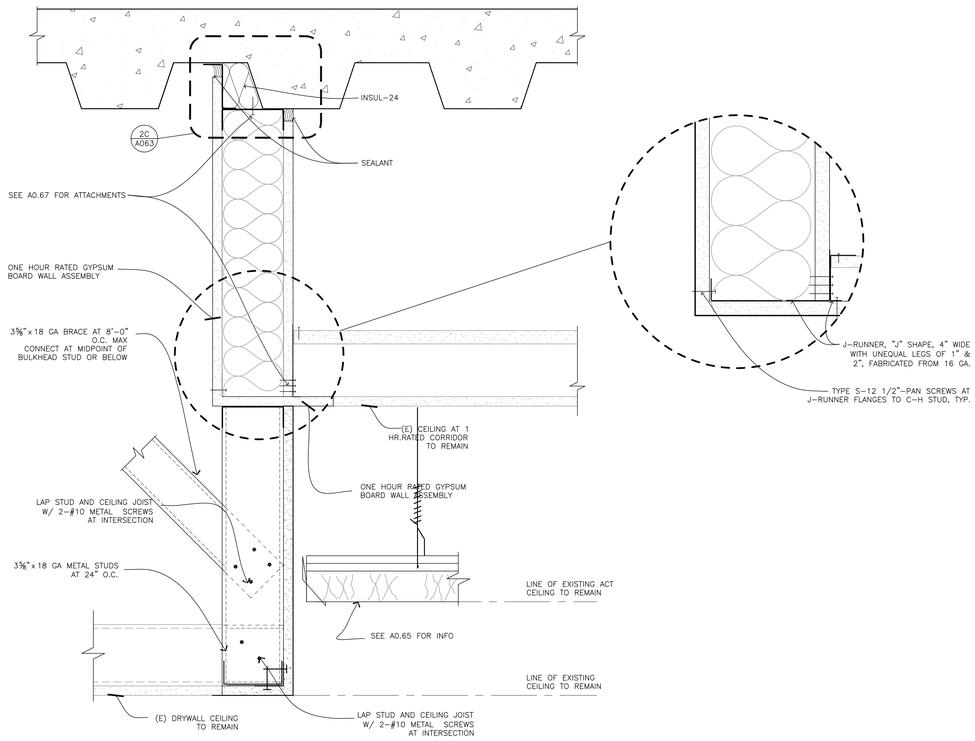
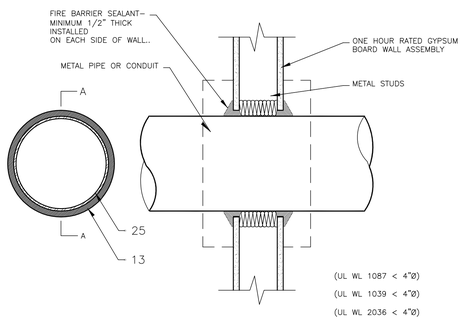
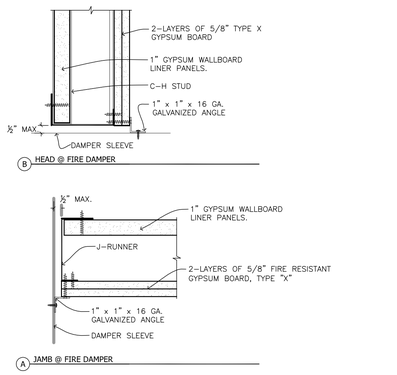


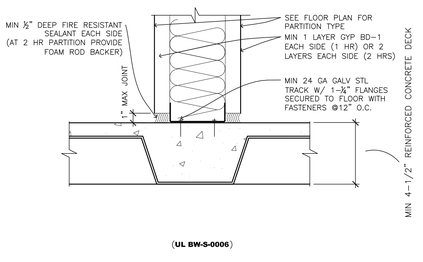
7 1 HOUR RATED TUNNED HEAD TERMINATION DETAIL
3" = 1'-0"



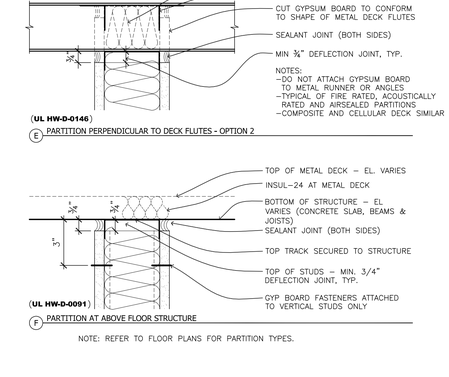
6 TYPICAL FIRE STOPPING 1 HOUR ASSEMBLY
3" = 1'-0"



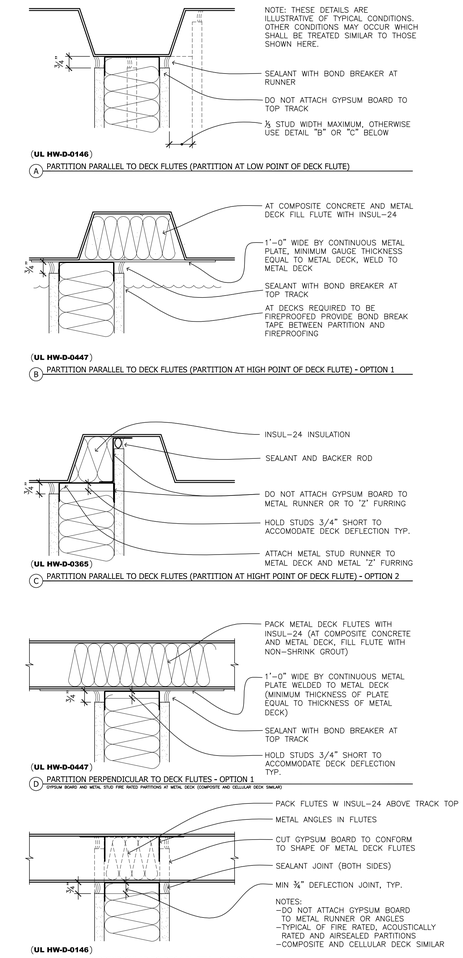
5 FIRE DAMPER DETAILS @ DUCT ENCLOSURE
3" = 1'-0"

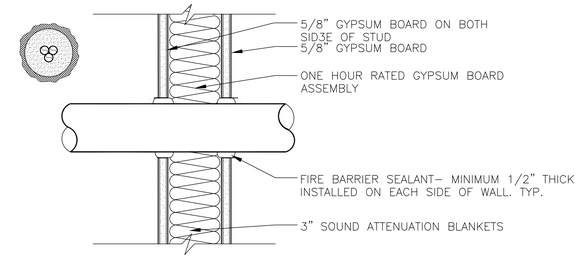


3 GYPSUM BOARD FIRE-RATED PARTITION SILL DETAIL
3" = 1'-0"

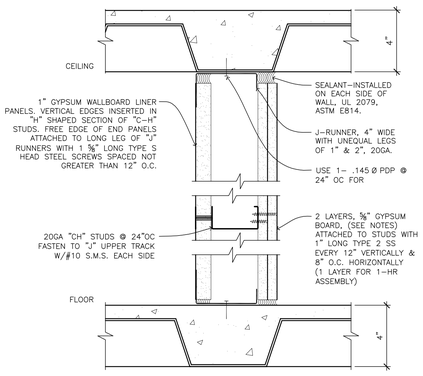


2 GYPSUM BOARD FIRE-RATED PARTITION HEAD DETAILS
3" = 1'-0"





4 GROUP OF CONDUIT @ 1 HR. WALL
3" = 1'-0"



1 1HR & 2HR SHAFT WALL ASSEMBLY DESIGN - U415
3" = 1'-0"

DESIGN NO. U415 (SYSTEMS A (1HR) & B(2HR)

1. FLOOR, SIDE AND CEILING RUNNERS – "J" SHAPED RUNNER, (MIN 4" DEEP), WITH UNEQUAL LEGS OF 1" AND 2", FABRICATED FROM MIN 20 MSG GALV. STEEL. RUNNERS POSITIONED WITH SHORT LEG TOWARD FINISHED SIDE OF WALL. RUNNERS ATTACHED TO STRUCTURAL SUPPORTS WITH STEEL FASTENERS LOCATED NOT GREATER THAN 2" FROM ENDS AND NOT GREATER THAN 24" O.C. "E" – SHAPED STUDS (ITEM 2A) MAY BE USED AS SIDE RUNNER IN PLACE OF "J"-SHAPED RUNNERS.

2. STEEL STUDS – "C-H" – SHAPED STUDS, (MIN 4" DEEP), FABRICATED FROM (MIN 20 MSG), GALV. STEEL CUT TO LENGTHS 3/4" LESS THAN FLOOR-TO-CEILING HEIGHT AND SPACED 24" OR 600 MM O.C.
2A. STEEL STUDS – (NOT SHOWN) – "E" SHAPED STUDS INSTALLED BACK TO BACK IN PLACE OF "C-H" STUDS (ITEM 2) "E" – SHAPED STUDS SECURED TOGETHER WITH STEEL SCREWS SPACED A MAX. 12" O.C. FABRICATED FROM (MIN 20 MSG) GALV. STEEL, (MIN 4" DEEP), WITH ONE LEG 1" LONG AND TWO LEGS ¾" LONG. SHORTER LEGS CUT 1" APART TO ENGAGE GYPSUM LINER PANELS. CUT TO LENGTHS 3/4" LESS THAN FLOOR TO CEILING HEIGHTS.

3. GYPSUM BOARD – GYPSUM LINER PANELS, NOM 1" THICK, 24" OR 600 MM. WIDE. PANELS CUT 1" LESS LENGTH THAN FLOOR TO CEILING HEIGHT. VERTICAL EDGES INSERTED IN "H" PORTION OF "C-H" STUDS OR THE GAP BETWEEN THE TWO ¾" LEGS OF THE "E" STUDS. FREE EDGE OF END PANELS ATTACHED TO LONG LEG OF VERTICAL "J"-RUNNERS WITH 1-⅝" LONG TYPE S STEEL SCREWS SPACED NOT GREATER THAN 12" O.C. WHEN WALL HEIGHT EXCEEDS LINER PANEL LENGTH, LINER PANEL MAY BE BUTTED TO EXTEND TO THE FULL HEIGHT OF THE WALL. HORIZONTAL JOINTS NEED NOT BE BACKED BY STEEL FRAMING. IN SYSTEM I, BUTT JOINTS IN LINER PANELS ARE STAGGERED MIN 36". BUTT JOINTS BACKED WITH 6" BY 22" STRIPS OF ⅝" THICK GYPSUM WALLBOARD (ITEM 4). WALLBOARD STRIPS CENTERED OVER BUTT JOINTS AND SECURED TO LINER PANELS WITH SIX 1-⅛" LONG TYPE G STEEL SCREWS, THREE SCREWS ALONG THE 22" DIMENSION AT THE TOP AND BOTTOM OF THE STRIPS.
CANADIAN GYPSUM COMPANY – TYPE SLX
UNITED STATES GYPSUM COMPANY – TYPE SLX
USG MEXICO S A DE C V – TYPE SLX.

4. GYPSUM BOARD – GYPSUM PANELS WITH BEVELED, SQUARE OR TAPERED EDGES, NOM ⅝" THICK, 48" LONG OR 1200 MM WIDE, APPLIED VERTICALLY OR HORIZONTALLY, ATTACHED TO STUDS WITH 1" LONG TYPE S STEEL SCREWS SPACED 12" WHEN INSTALLED VERTICALLY OR 8" WHEN INSTALLED HORIZONTALLY. HORIZONTAL JOINTS NEED NOT BE BACKED BY STEEL FRAMING.
CANADIAN GYPSUM COMPANY – TYPES AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX
UNITED STATES GYPSUM COMPANY – TYPES AR, C, RFX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX
USG MEXICO S A DE C V – TYPES AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX
SYSTEM B – 2HR
GYPSUM PANELS, WITH BEVELED, SQUARE OR TAPERED EDGES, NOM ½" OR ⅝" THICK, 48" OR 1200 MM WIDE, APPLIED VERTICALLY OR HORIZONTALLY IN TWO LAYERS. INNER OR BASE LAYER ATTACHED TO STUDS WITH 1" LONG TYPE S STEEL SCREWS SPACED 24" O.C. WHEN INSTALLED VERTICALLY OR 16" O.C. WHEN INSTALLED HORIZONTALLY. OUTER OR FACE LAYER ATTACHED TO STUDS WITH 1-⅝" LONG TYPE S STEEL SCREWS SPACED 12. O.C. WHEN INSTALLED VERTICALLY AN STAGGERED 12" FROM BASE LAYER SCREWS OR 8" O.C. WHEN INSTALLED HORIZONTALLY AND STAGGERED 8" FROM BASE LAYER SCREWS. HORIZONTAL JOINTS BETWEEN INNER AND OUTER LAYERS STAGGERED A MIN. OF 12". HORIZONTAL JOINTS NEED NOT BE BACKED BY STEEL FRAMING. VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED 24".
CANADIAN GYPSUM COMPANY – ½" TYPES C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX.
UNITED STATES GYPSUM COMPANY – ½" TYPE C, IP-X2, IPC-AR OR WRC; ⅝" TYPES AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX
USG MEXICO S A DE C V – ½" TYPES C, IP-X2, IPC-AR, OR WRC; ⅝" TYPES AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX.

5. JOINT TAPE AND COMPOUND – JOINTS ON OUTER LAYERS OF GYPSUM BOARDS *(ITEM 4 AND 4A) COVERED WITH PAPER TAPE AND JOINT COMPOUND. PAPER TAPE AND JOINT COMPOUND MAY BE OMITTED WHEN GYPSUM BOARDS ARE SUPPLIED WITH SQUARE EDGES. EXPOSED SCREW HEADS COVERED WITH JOINT COMPOUND.

6. BATTS AND BLANKETS – (OPTIONAL) MINERAL WOOL OR GLASS FIBER BATTS PARTIALLY OR COMPLETELY FILLING STUD CAVITY. ANY MINERAL WOOL OR GLASS FIBER BATT MINERAL BEARING UL CLASSIFICATION MARKING TO FIRE RESISTANCE.

CLIENT:

CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

HGA

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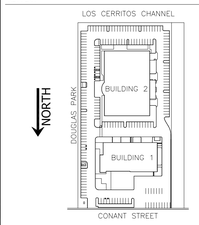
KEY PLAN



FIRE RATED HEAD WALL DETAILS

COMM. NO. 3045-002-00
SCALE AS NOTED
DATE August 16, 2011
DRAWN AOHARE

RECORD DRAWING

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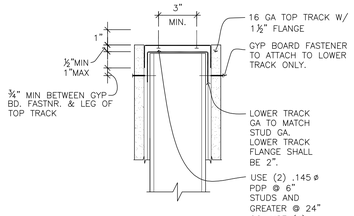
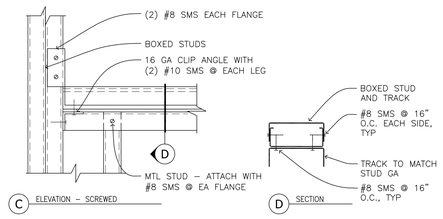


DESIGNATION	SSMA DESIGNATION	Fy	DESIGN THICKNESS	NOM. DEPTH	FLANGE WIDTH	RETURN (LIP)
3 5/8" 18GA STUD	362 S 200 -43	33 ksi	0.0451"	3 5/8"	2"	YES
6" 20GA STUD	600 S 162 -33	33 ksi	0.0346"	6"	1 5/8"	YES
8" 18GA STUD	800 S 162 -43	33 ksi	0.0451"	8"	1 5/8"	YES
3 5/8" 18GA TRACK	362 T 125 -43	33 ksi	0.0451"	3 5/8"	1 1/4"	N/A
6" 18GA TRACK	600 T 125 -43	33 ksi	0.0451"	6"	1 1/4"	N/A
8" 18GA TRACK	800 T 125 -43	33 ksi	0.0451"	8"	1 1/4"	N/A
3 5/8" 16GA TRACK	362 T 150 -54	33 ksi	0.0566"	3 5/8"	1 1/2"	N/A
6" 16GA TRACK	600 T 150 -54	33 ksi	0.0566"	6"	1 1/2"	N/A
8" 16GA TRACK	800 T 150 -54	33 ksi	0.0566"	8"	1 1/2"	N/A

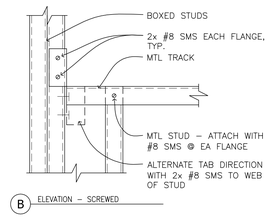
13 SSMA DESIGNATIONS
NO SCALE

9 STUD TO TRACK CONNECTION
3" = 1'-0"

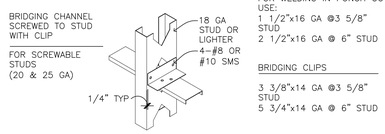


NOTE:
FOR ADDITIONAL FRAMING REQUIREMENTS AT THE TOP TRACK SEE 10 & 12/A0.64
PARTITION REQUIREMENTS FOR SOUND AND FIRE PROTECTION.

6 SILL DETAILS AT BOXED SECTION
3" = 1'-0"



5 SILL DETAILS AT SINGLE TRACK
3" = 1'-0"



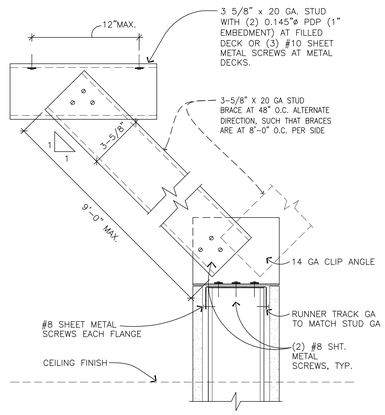
BRIDGING CHANNELS

RUN CONTINUOUSLY THROUGH STUD PUNCH OUTS. FASTEN TO EACH STUD AS INDICATED. FOR WELDING IN PUNCH OUT USE:
1 1/2"x16 GA @3 5/8" STUD
2 1/2"x16 GA @ 6" STUD

BRIDGING CLIPS

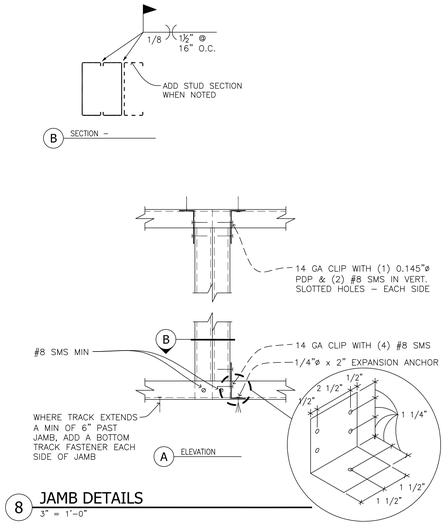
3 3/8"x14 GA @3 5/8" STUD
5 3/4"x14 GA @ 6" STUD

4 TYPICAL BRIDGING ATTACHMENT
NTS

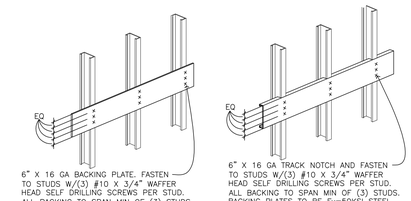


12 NON-FULL HEIGHT PARTITION
NTS

11 NOT USED
NTS



8 JAMB DETAILS
3" = 1'-0"



A PLATE BACKING: USE FOR FOLLOWING ITEMS
1. FLOOR MOUNTED BASE CABINETS.
2. WALL MOUNTED DISPENSERS AND HARDWARE WEIGHTING LESS THAN 40 LBS.
3. MIRRORS
4. BACKING AT THE BOTTOM OF WALL HUNG CABINETS THAN LESS 15" IN DEPTH.

B TRACK BACKING: USE FOR FOLLOWING ITEMS
1. HANDRAILS AND GRAB BARS
2. FLOOR MOUNTED CABINETS GREATER THAN 3'-0" IN HEIGHT.
3. WALL HUNG CABINETS GREATER THAN 15" IN DEPTH AND AT THE TOP OF WALL HUNG CABINETS LESS THAN 15" IN DEPTH.

3 BACKING TYPES
1/2" = 1'-0"

INTERIOR WALL OPENING FRAMING SCHEDULE

MAX OPNG WIDTH	MAX WALL HEIGHT	JAMB DETAIL NO	JAMB STUD SIZE / TRACK SIZE	JAMB SECTION	HEADER DETAIL NO	HEADER STUD SIZE / TRACK SIZE	HEADER SECTION	SILL DETAIL NO	SILL STUD SIZE / TRACK SIZE	SILL SECTION
4'-0"	20'	8/A0.64	NOTE 1 / NONE		7/A0.64	6" x 20GA / 1 1/4" LEGx20GA		5/A0.64	NONE / 1 1/4" LEGx20GA	
9'-0"	20'	8/A0.64	NOTE 2 / NONE		7/A0.64	8" x 18GA / 1 1/4" LEGx18GA		5/A0.64	3-5/8" x 18GA 6" x 20GA 8" x 18GA / 1 1/4" LEGx18GA	

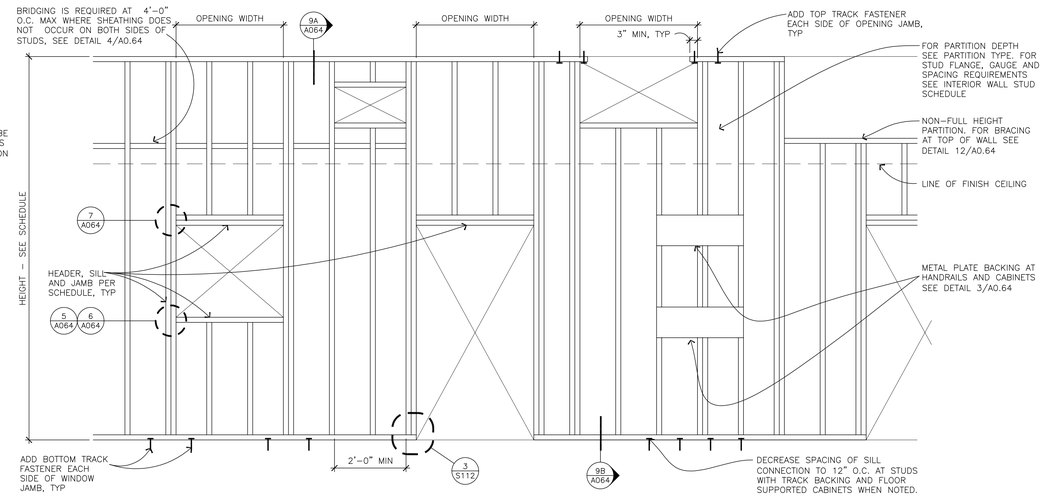
NOTES:
1. USED TRIPLE STUD FOR 3⅝" STUD WALL AND DOUBLE STUD JAMB FOR 6" AND 8" STUD WALLS.
2. USE A HSS 3½ x 3½ x 5/16 FOR 3⅝" STUD WALL, TRIPLE STUD FOR 6" WALL, AND DOUBLE STUD FOR 8" WALL.

INTERIOR WALL STUD SCHEDULE

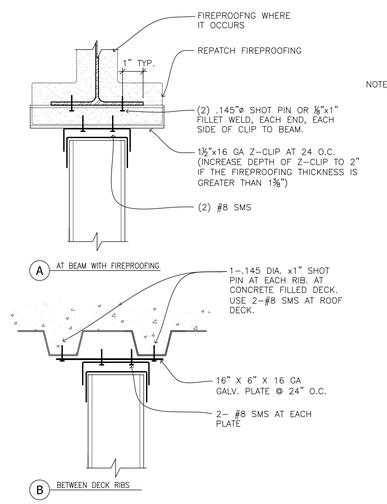
STUD DEPTH	MAXIMUM HEIGHT	SPACING	GAUGE	Fy	FLANGE WIDTH	BACKING CAPACITY	WEB STIFFENER
3 5/8"	16'	16" OC	18	33	2"	YES	NO
3 5/8"	20'	8" OC	18	33	2"	YES	NO
6"	16'	16" OC	20	33	1 5/8"	YES	NO
6"	20'	16" OC	20	33	1 5/8"	YES	NO
8"	16'	16" OC	18	33	1 5/8"	YES	NO
8"	20'	16" OC	18	33	1 5/8"	YES	NO

NOTES:
1. ALL STUD SECTIONS SHALL HAVE A STIFFENER LIP.
2. TRACKS SHALL HAVE A 1¼" FLANGE MINIMUM EXCEPT AS NOTED OTHERWISE FOR NESTED VERTICAL SLIP TRACK CONNECTIONS.
3. BACKING CAPACITY INDICATES STUD IS DESIGNED FOR HALF OF A 200 LB. GRAB BAR LOAD. WALLS THAT SUPPORT CABINETS OR OTHER FIXTURES THAT REQUIRE BACKING SHALL BE SUPPORTED BY STUDS THAT ARE INDICATED TO HAVE BACKING CAPACITY.
4. WALLS ARE DESIGNED FOR DEFLECTIONS LESS THAN L/240.
5. SEE 9 & 10/S9.11 FOR STUD IN-FILL AT BRACED FRAMES.

2 INTERIOR WALL STUD AND OPENING FRAMING SCHEDULES
N/A



1 TYPICAL FRAMING ELEVATION
1/2" = 1'-0"



NOTES : 1. FOR SLIP TRACK CONNECTION SEE 9/A0.64
2. FOR FIRE-RATED OR ACOUSTC PTN ADD SAFING, INSULATION AND SEALANT AS SHOWN FOR THE PARTITION TYPE

10 SPECIAL ATTACHMENT (REQUIREMENTS AT FULL HT. PTN.)
3" = 1'-0"

7 HEADER DETAIL AT BOXED SECTION
3" = 1'-0"

1 TYPICAL FRAMING ELEVATION
1/2" = 1'-0"

CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

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Architecture | Engineering | Planning
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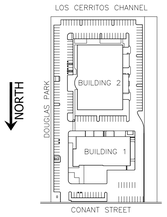

TYPICAL INTERIOR FRAMING NOTES & DETAILS

COMM. NO. 3045-002-00
SCALE AS NOTED
DATE August 16, 2011
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METAL SUSPENSION SYSTEMS

A. Lay–in Panel & Gypsum Board Ceilings:

The following notes apply to ceiling systems whose total weight including air conditioning grilles and light fixtures does not exceed 2 psf.

1. 12 ga. (min.) hanger wires may be used for up to and including 4'–0" by 4'–0" grid spacing along main runners. Splices will not be permitted in any hanger wires unless specifically approved by the enforcement agency.

2. Provide 12 ga. hanger wires at the ends of all main and cross runners within 8 inches from the support or within 1/4 of the length of the end tee, whichever is least, for the perimeter of the ceiling area.

3. Provide trapeze or other supplementary support members at obstructions to maintain hanger spacing. Provide additional hangers, struts or braces as required at all ceiling breaks, soffits or discontinuous areas. Hanger wires that are more than 1 in 6 out of plumb are to have counter–sloping wires.

4. Ceiling grid members may be attached to not more than 2 adjacent walls. Ceiling grid members shall be at least 1/2 inch free of other wall. If walls run diagonally to ceiling grid system runners, one end of main and cross runners shall be free with a minimum of 1/2 inch clear at wall.

5. At the perimeter of the ceiling area where main or cross runners are not connected to the adjacent wall, provide interconnection between the runners at the free end to prevent lateral spreading. A metal strut or a 16 ga. wire with a positive mechanical connection to the runner may be used. Parallel runner is 12 inches or less, this interlock is not required. Where the perpendicular distance from the wall to the first parallel runner is 12 inches or less, this interlock is not required.

6. Provide sets of four 12 ga. splayed bracing wires oriented 90 degrees from each other at the following spacing:

   6a. For lay–in and gypsum board ceilings, place sets of bracing wires not more than 12 feet by 12 feet on center.

   6b. Provide bracing wires at locations not more than 1/2 the spacings (a) above from each perimeter wall and at the edge of vertical ceiling offsets. The slope of these wires should not exceed 45 degrees from a horizontal plane and should be taut without causing the ceiling to lift. Compression struts attached to the ceiling and the structure shall be provided at bracing points. Splices in bracing wires are not to be permitted without special enforcement agency approval.

   6c. Suspended acoustical ceiling system with a ceiling area of 144 sq. ft. or less, and fire rated suspended acoustical ceiling systems with a ceiling area of 96 sq. ft. or less, surrounded by walls which connect directly to the structure above, do not require bracing assemblies when attached to two adjacent walls.

7. Fasten hanger wires with not less than 3 tight turns. Fasten bracing wires with 4 tight turns. Make all tight turns within a distance of 1–1/2 inches. Hanger or bracing wire anchors to the structure should be installed in such a manner that the direction of the wire aligns as closely as possible with the direction of the forces acting on the wire.

8. Separate all ceiling hanging and bracing wires at least 6 inches from all unbraced ducts, pipes, conduit, etc.

9. When drilled–in concrete anchors or shot–in anchors are used in reinforced concrete for hanger wires, 1 out of 10 must be field tested for 200 pounds of tension. When drilled–in concrete anchors are used for bracing wires, 1 out of 2 must be field tested for 440 pounds in tension. Shot–in anchors in concrete are not permitted for bracing wires. If any shot–in or drilled–in anchor fails, all adjacent anchors must be tested.

10. Attach all light fixtures to the ceiling grid runners to resist a horizontal force equal to the weight of the fixtures. Screws or approved fasteners are required.

11. Flush or recessed light fixtures and air terminals or services weighing less than 56 pounds may be supported directly on the runners of a heavy duty grid system but, in addition, they must have a minimum of two 12 ga. slack safety wires attached to the fixture at diagonal corners and anchored to the structure above. All 4 feet by 4 feet light fixtures must have slack safety wires at each corner.

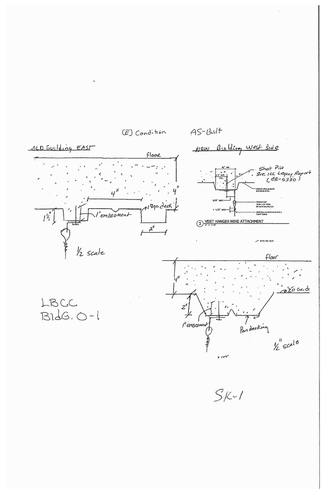
    All flush or recessed light fixtures and air terminals or services weighing 56 pounds or more must be independently supported by not less than 4 taut 12 ga. wires each attached to the fixture and to the structure above regardless of the type of ceiling grid system used. The 4 taut 12 ga. wires including their attachment to the structure above must be capable of supporting 4 times the weight of the unit.

12. All fixtures and air terminals or services supported on intermediate duty grid systems must be independently supported by not less than 4 taut 12 ga. wires each attached to the fixture or terminal and to the structure above.

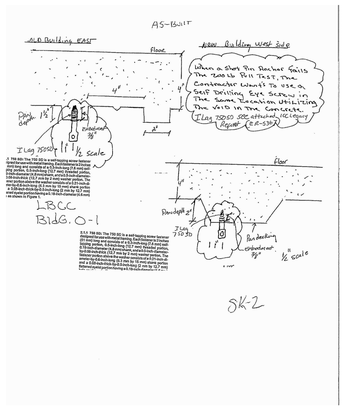
13. Support surface mounted light fixtures by at least two positive devices which surround the ceiling runner and which are each supported from the structure above by a 12 ga. wire. Spring clips or clamps that connect only to the runner are not acceptable. Provide additional supports when light fixtures are 8 feet or longer.

14. Support pendant mounted light fixtures directly from the structure above with hanger wires or cables passing through each pendant hanger and capable of supporting 4 times the weight of the fixture. The pendant mounted fixture shall be positively attached to the ceiling runners and shall have bracing wires and a compression strut added where the pendant penetrates the ceiling.

15. Where new ceilings are added to existing buildings, provide screws into deck flange only, not deck rib.



13 CEILING ATTACHMENT DETAIL
NTS



12 CEILING ATTACHMENT DETAIL
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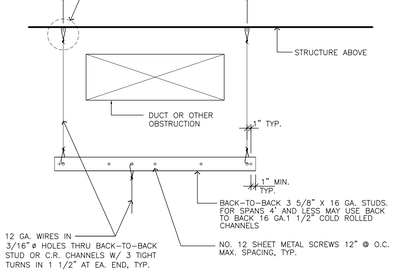
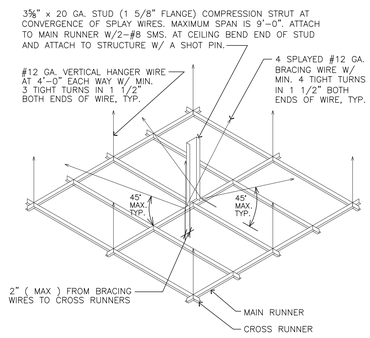
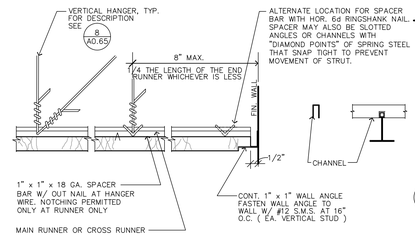


11 SPREADER BAR ASSEMBLY
3" = 1'–0"

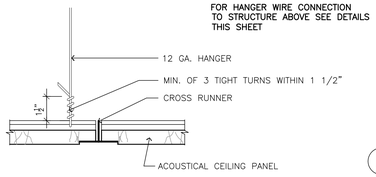


NOTES:
(1) SEE DETAILS THIS SHEET AND 2/A067 FOR CONNECTIONS OF BRACING & HANGER WIRES TO STRUCTURE ABOVE.

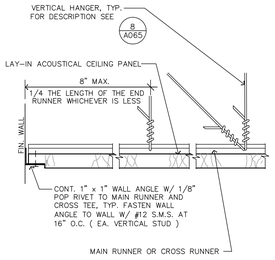
10 BRACING AT ACOUSTICAL CEILING
NTS



9 FREE-END SUSPENDED CEILING
3" = 1'–0"

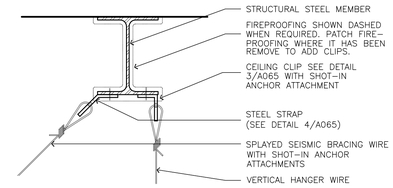


8 HANGER WIRE CONN. TO GRID
3" = 1'–0"

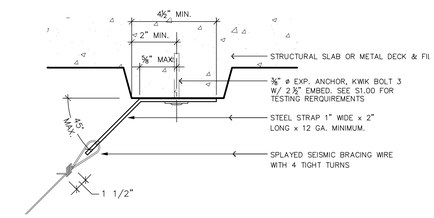


7 FIX-END SUSP. CEILING
3" = 1'–0"

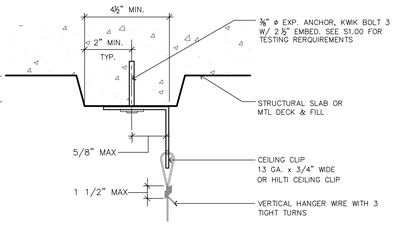
6 NOT USED
NTS



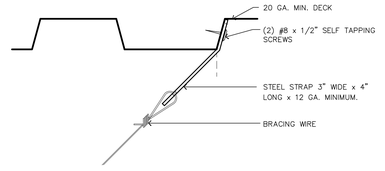
5 AT STEEL BEAMS
6" = 1'–0"



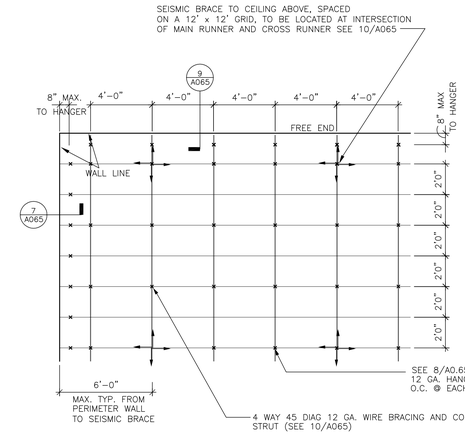
4 SPLAYED SEISMIC BRACING
3" = 1'–0"



3 VERT HANGER WIRE ATTACHMENT
3" = 1'–0"



2 AT ROOF DECK
3" = 1'–0"



1 DIAGRAMMATIC PLAN ACOUSTICAL CEILING
1/4" = 1'–0"

CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

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CIVIL JMC2	(310) 241-6550
MECHANICAL / ELECTRICAL / PLUMBING M-E Engineers	(310) 842-8700
DATA / TELECOM Vantage Technology Consulting Group	(310) 536-7676
SECURITY Schirmer Engineering	(310) 782-0850

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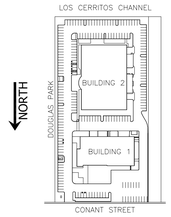

TYPICAL ACOUSTICAL CEILING NOTES & DETAILS

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SCALE	AS NOTED
DATE	August 16, 2011
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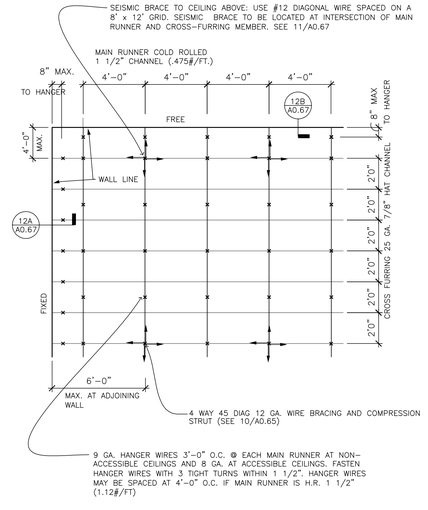
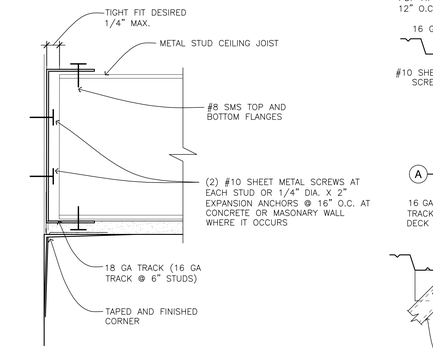


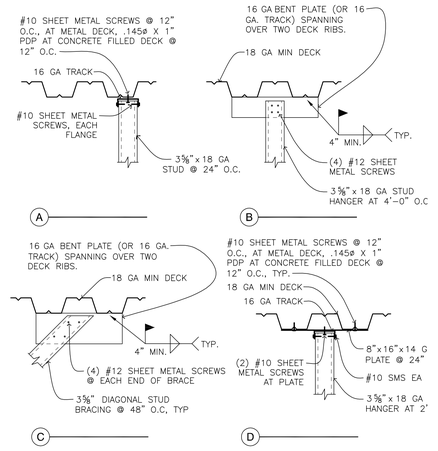
GYPSUM BOARD SUSPENSION CEILING NOTES:

1. 9 GA GALVANIZED SOFT-ANNEALED STEEL HANGER WIRES TO BE USED.
2. IF MAIN RUNNERS ARE SPACED AT 4'-0" O.C. HANGER WIRES SHALL BE SPACED AT 3'-0" MAXIMUM. IF MAIN RUNNERS ARE SPACED AT 3'-0" O.C., HANGER WIRES SHALL BE SPACED AT 4'-0" MAXIMUM.
3. IF THE MAIN RUNNER USED IS A HOT ROLLED 1½" CHANNEL (1.12 #/FT), IT IS PERMITTED TO USE A MAIN RUNNER SPACING OF 4'-0" AND A HANGER SPACING OF 4'-0". #8 GA WIRES ARE REQUIRED.
4. FASTEN WIRES WITH NOT LESS THAN THREE TURNS, 4 TURNS FOR BRACING WIRES.

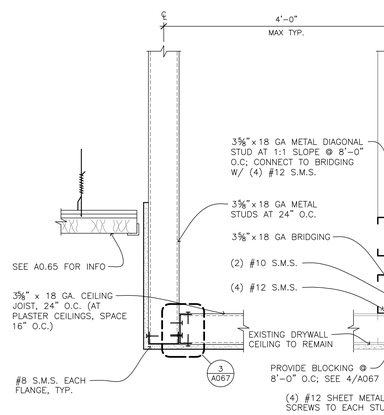
5 CEILING SUPPORT # 3
1/4" = 1'-0"



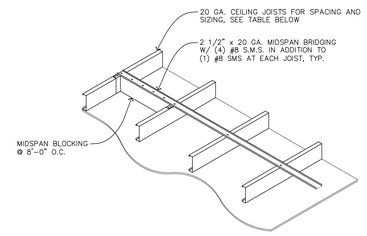
4 CEILING SUPPORT # 2
1 1/2" = 1'-0"



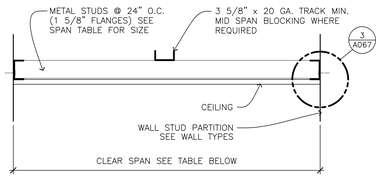
3 TYP. CEILING EDGE CONDITION
1 1/2" = 1'-0"



2 STUD TO DECK DETAILS
1" = 1'-0"

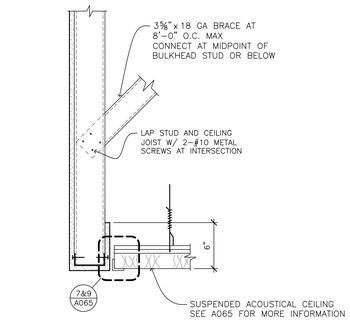


NOTES
1. PIPING AND DUCTWORK TO BE SUPPORTED FROM FLOOR ABOVE.
2. WHERE INTERMEDIATE SUPPORT IS REQUIRED, PROVIDE HANGERS AND BRIDGING PER 1/A067.
3. AT PLASTER CEILINGS, USE 16" JOIST SPACING

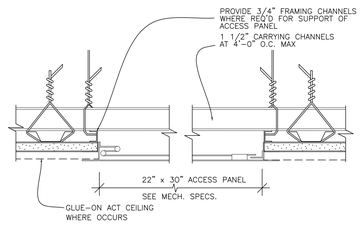


METAL STUD CEILING JOIST			
STUD SIZE	SPACING	UNSUPPORTED	MIDSPAN BLKG
3 5/8" x 20 GA	24"	8'-6"	11'-0"
6" x 20 GA	24"	10'-0"	14'-0"

1 SOFFIT SUPPORT (CEILING SUPPORT #1)
1 1/2" = 1'-0"



8 TYP. BULKHEAD
1 1/2" = 1'-0"



7 TYP. CEILING ACCESS
1 1/2" = 1'-0"

1. CEILING SUPPORT SYSTEMS 4/A067 AND 5/A067 MAY BE USED FOR CEILINGS WITHOUT DISCONTINUITIES EXTENDING FROM WALL TO WALL, PROVIDED WALLS ARE NOT GREATER THAN 50 FEET APART.
2. CEILINGS THAT DO NOT MEET THE REQUIREMENTS OF NOTE 1 AND EXTERIOR SOFFITS ARE TO BE SUPPORTED PER 1/A067.
3. WHERE NEW CEILINGS ARE ADDED TO EXISTING BUILDINGS, PROVIDE SCREWS INTO DECK FLANGE ONLY, NOT DECK RIB.
4. ALL RECESSED OR DROP-LIGHT FIXTURES, AS WELL AS CEILING-MOUNTED MECHANICAL AIR TERMINALS AND SERVICES, SHALL BE SUPPORTED DIRECTLY BY MAIN RUNNERS OR BY SUPPLEMENTAL FRAMING WHICH IS SUPPORTED BY MAIN RUNNERS AND POSITIVELY ATTACHED WITH SCREWS OR OTHER APPROVED CONNECTORS. SURFACE MOUNTED FIXTURES SHALL BE ATTACHED TO A MAIN RUNNER WITH A POSITIVE CLAMPING DEVICE MADE OF A MATERIAL WITH A MINIMUM OF 14 GAGE. ROTATIONAL SPRING CLAMPS DO NOT COMPLY.

6 CEILING AND SOFFIT NOTES
N.T.S.

XXXXXX-XXXXXXXX.DWG 01-01-99 12:01

CLIENT:

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ARCHITECT:

hga

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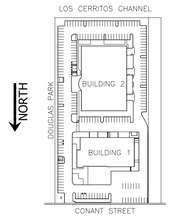

TYPICAL GYPSUM CEILING NOTES & DETAILS

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SCALE AS NOTED
DATE August 16, 2011
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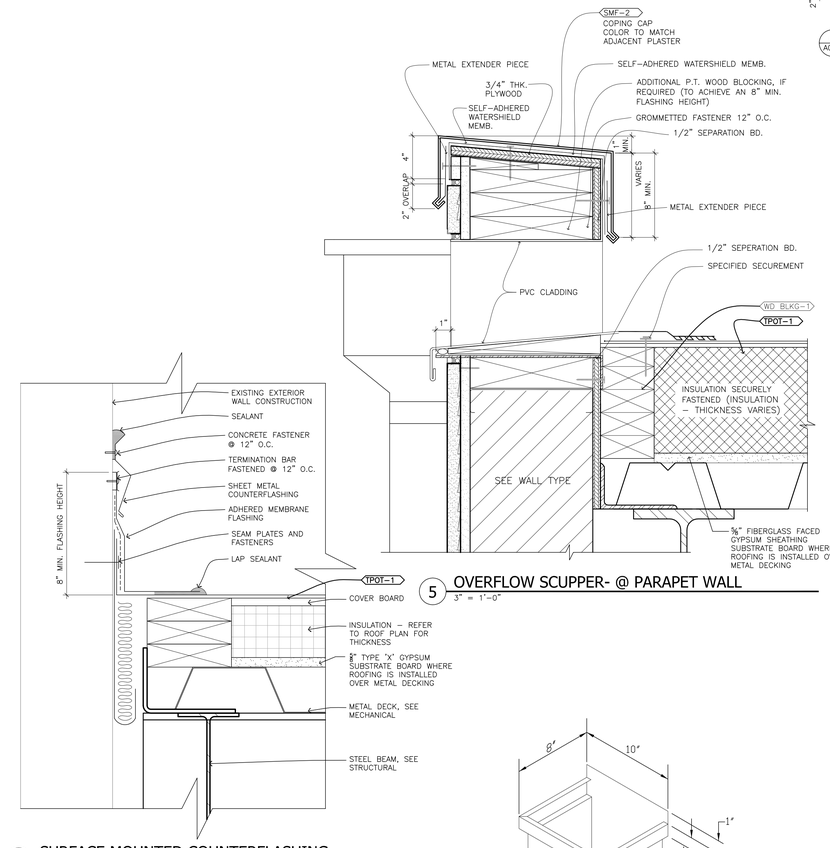
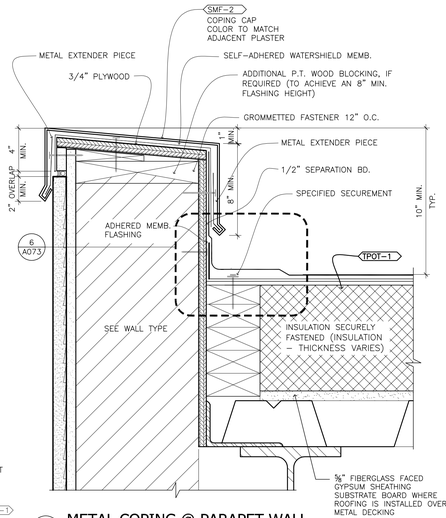
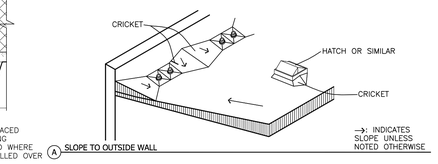


3 METAL COPING @ PARAPET WALL
3" = 1'-0"

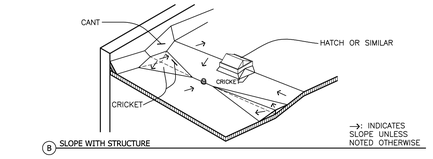


7 SURFACE MOUNTED COUNTERFLASHING
3" = 1'-0"

5 OVERFLOW SCUPPER- @ PARAPET WALL
3" = 1'-0"



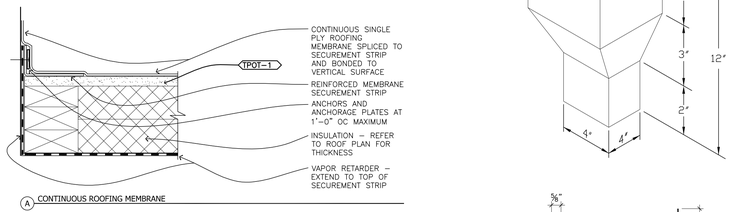
A SLOPE TO OUTSIDE WALL



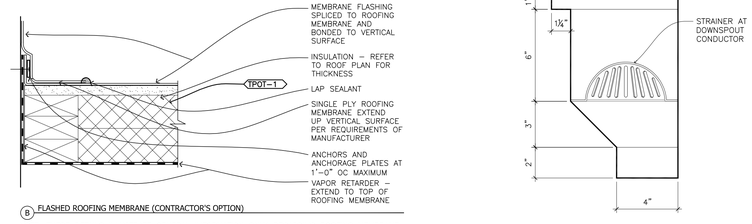
B SLOPE WITH STRUCTURE

NOTE:
1. PROVIDE CRICKETS IN LOW VALLEYS BETWEEN ROOF DRAINS AND ON THE HIGH SIDE OF ALL CURBS.
2. REFER TO ROOF PLAN FOR PROJECT SLOPE CONFIGURATIONS.
3. REFER TO ROOF TYPES FOR ROOFING MATERIALS.

2 CRICKET APPLICATIONS
1'-0" = 1'-0"



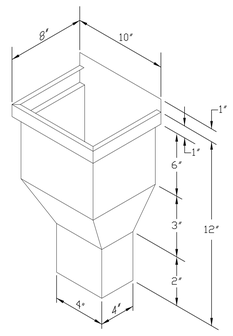
A CONTINUOUS ROOFING MEMBRANE



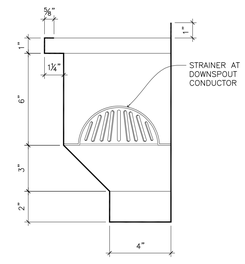
B FLASHED ROOFING MEMBRANE (CONTRACTOR'S OPTION)

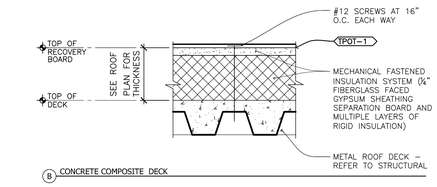
NOTE: THESE DETAILS ILLUSTRATE GENERAL INFORMATION ONLY REGARDING ROOFING MEMBRANE INSTALLATION. REFER TO THE MANUFACTURER'S DETAILS AND INSTALLATION INSTRUCTIONS FOR SPECIFIC AND COMPLETE INFORMATION.

6 BASE SECUREMENT AT WALL SUPPORTED DECK
3" = 1'-0"

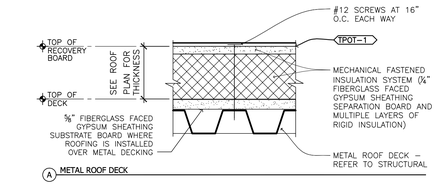


4 ALUMINUM CONDUCTER HEAD AT SCUPPER
3" = 1'-0"





B CONCRETE COMPOSITE DECK



A METAL ROOF DECK

1 SINGLE PLY ADHERED ROOF TYPES
3" = 1'-0"

CLIENT:

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

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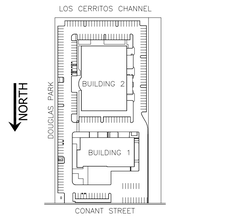

TYPICAL ROOF TYPES AND DETAILS

COMM. NO. 3045-002-00
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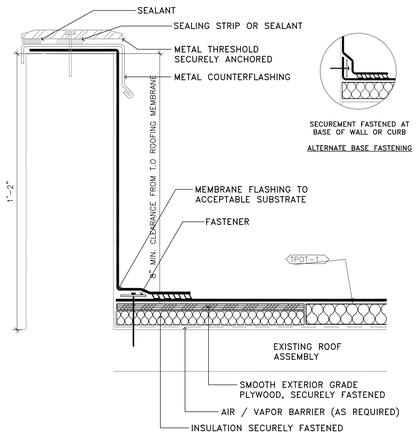
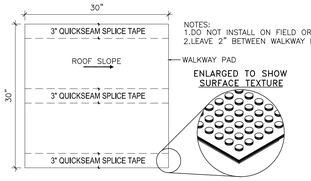
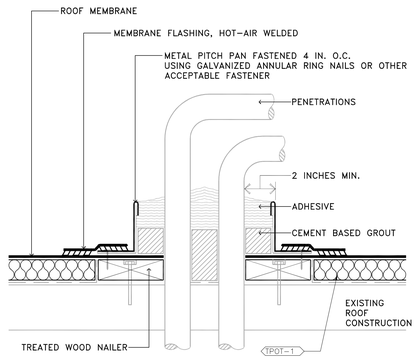


14 THRESHOLD
NTS



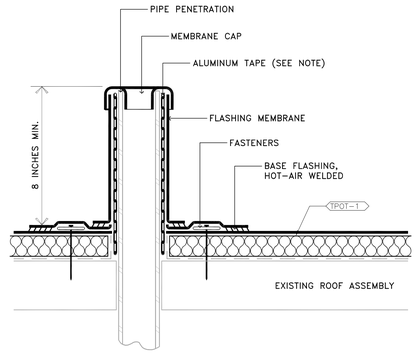
NOTES:
1.DO NOT INSTALL ON FIELD OR FLASHING SEAMS.
2.LEAVE 2" BETWEEN WALKWAY PADS.

12 MEMBRANE WALKING PADS
NTS



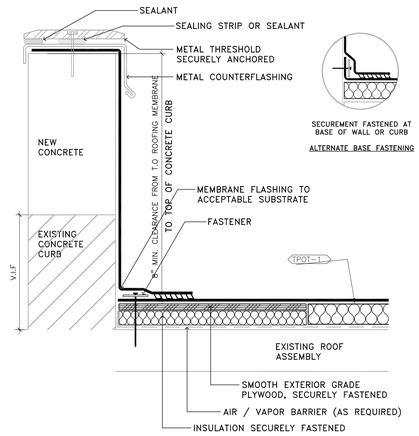
NOTES:
1) PITCH POCKETS ARE TO BE ELIMINATED WHERE POSSIBLE.
2) VAPOR BARRIER SHALL BE SEALED AT EDGES.

9 PITCH POCKET
NTS

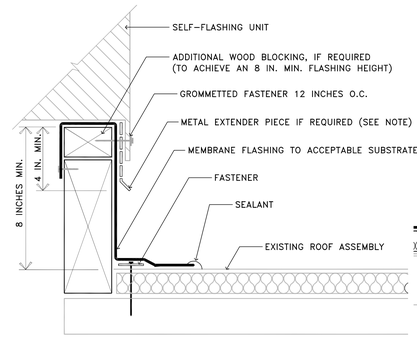


NOTES:
1) ALUMINUM TAPE IS REQUIRED IF EXISTING PENETRATION IS CONTAMINATED.
2) VAPOR BARRIER SHALL BE SEALED AT EDGES.

6 VENT STACK FLASHING
NTS



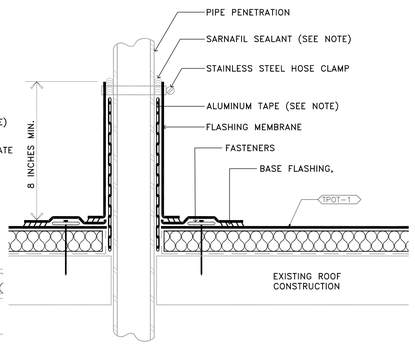
3 THRESHOLD
NTS



NOTE:
1) METAL EXTENDER PIECE IS REQUIRED IF EXISTING COUNTERFLASHING IS CONTAMINATED AND OR COUNTERFLASHING FASCIA IS LESS THAN 4 INCHES WIDE. FASTENED 12 INCHES O.C. WITH GROMMETTED FASTENER.

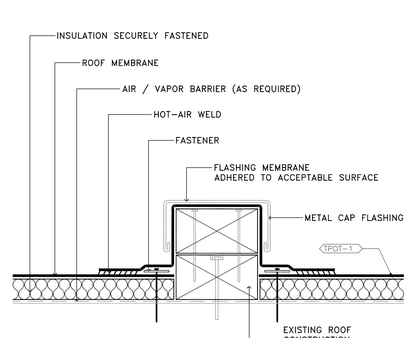
2) VAPOR BARRIER SHALL BE SEALED AT EDGES.

13 REMOVABLE CURB FLASHING
3" = 1'-0"



NOTES:
1) ALUMINUM TAPE IS REQUIRED IF EXISTING PENETRATION IS CONTAMINATED.
2) VAPOR BARRIER SHALL BE SEALED AT EDGES.

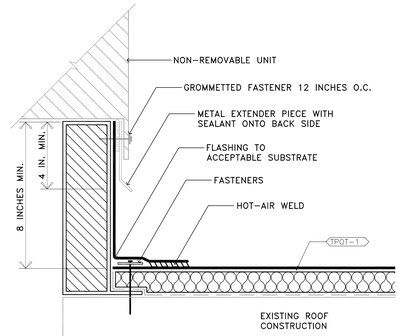
11 PIPE PENETRATION FLASHING
3" = 1'-0"



NOTES:
1) NAILERS SHALL BE SECURELY ANCHORED TO THE DECK TO RESIST A FORCE OF 300 POUNDS PER LINEAL FOOT IN ANY DIRECTION.

2) VAPOR BARRIER SHALL BE SEALED AT EDGES.

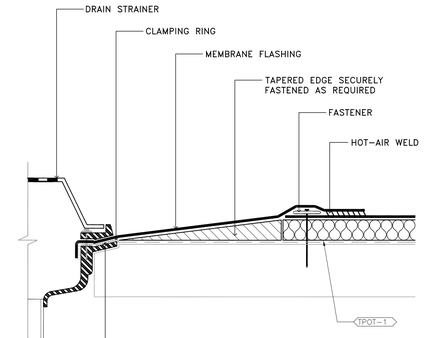
8 EQUIPMENT SUPPORT
3" = 1'-0"



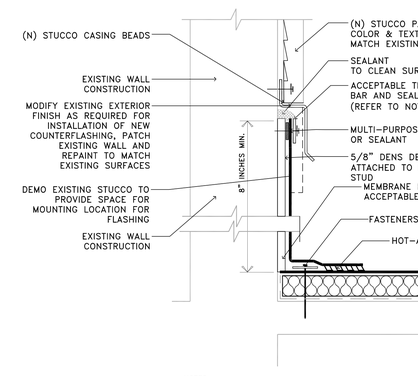
NOTES:
1) METAL EXTENDER PIECE IS REQUIRED IF EXISTING COUNTERFLASHING IS CONTAMINATED AND OR COUNTERFLASHING FASCIA IS LESS THAN 4 INCHES WIDE. FASTENED 12 INCHES O.C. WITH GROMMETTED FASTENER.

2) VAPOR BARRIER SHALL BE SEALED AT EDGES.

5 NON-REMOVABLE CURB FLASHING
3" = 1'-0"

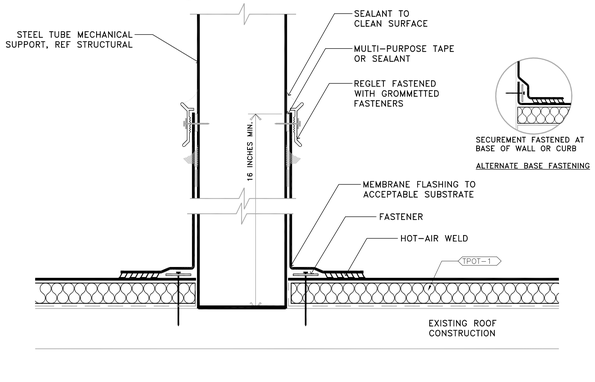


2 CLAMPING RING DRAIN
NTS



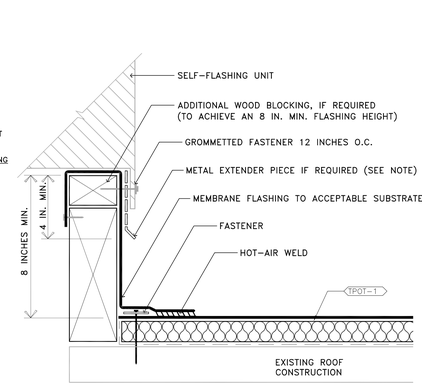
NOTES:
1) SEALANT IS A TWO STEP APPLICATION:
A) BEHIND TOP OF FLASHING.
B) TOP OF TERMINATION BAR.
2) SEALANT SHALL BE APPLIED TO CLEAN ACCEPTABLE SURFACES.
3) TERMINATION BAR SHALL BE SECURELY ANCHORED WITH GROMMETTED FASTENERS AND PROVIDE ADEQUATE COMPRESSION OF MEMBRANE FLASHING AND SEALANT.
4) VAPOR BARRIER SHALL BE SEALED AT EDGES.

13 REMOVABLE CURB FLASHING
3" = 1'-0"



NOTES:
1) SEALANT IS A TWO STEP APPLICATION:
A) BEHIND TOP OF FLASHING.
B) TOP OF REGLET.
2) SEALANT SHALL BE APPLIED TO CLEAN ACCEPTABLE SURFACES.
3) REGLET SHALL BE SECURELY ANCHORED WITH GROMMETTED FASTENERS AND PROVIDE ADEQUATE COMPRESSION OF MEMBRANE FLASHING AND SEALANT.
4) VAPOR BARRIER SHALL BE SEALED AT EDGES.

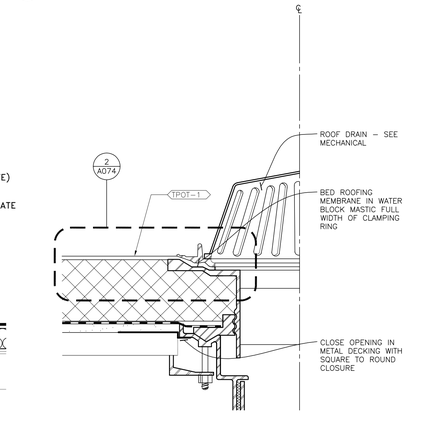
8 EQUIPMENT SUPPORT
3" = 1'-0"



NOTE:
1) METAL EXTENDER PIECE IS REQUIRED IF EXISTING COUNTERFLASHING IS CONTAMINATED AND OR COUNTERFLASHING FASCIA IS LESS THAN 4 INCHES WIDE. FASTENED 12 INCHES O.C. WITH GROMMETTED FASTENER.

2) VAPOR BARRIER SHALL BE SEALED AT EDGES.

5 NON-REMOVABLE CURB FLASHING
3" = 1'-0"



NOTE: THIS DETAIL ILLUSTRATES GENERAL INFORMATION ONLY REGARDING ROOFING MEMBRANE INSTALLATION. REFER TO THE MANUFACTURER'S DETAILS AND INSTALLATION INSTRUCTIONS FOR SPECIFIC AND COMPLETE INFORMATION.

2 CLAMPING RING DRAIN
NTS

10 FLASHING AT WALL
3" = 1'-0"

7 REGLET FLASHING
3" = 1'-0"

4 REMOVABLE CURB FLASHING
3" = 1'-0"

1 ROOF DRAIN AT METAL DECK
3" = 1'-0"

CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

HGA.
Architecture | Engineering | Planning
Hammel, Green and Abrahamson, Inc.
1880 Century Park East - Suite 608
Los Angeles, California USA 90067
Telephone 310.557.7600 Facsimile 310.553.1668

CONSULTANTS:

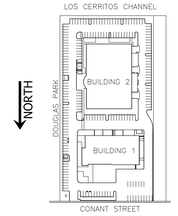
STRUCTURAL Englekirk & Sabol	(323) 733-2640
CIVIL JMC2	(310) 241-6550
MECHANICAL / ELECTRICAL / PLUMBING M-E Engineers	(310) 842-8700
DATA / TELECOM Vantage Technology Consulting Group	(310) 536-7676
SECURITY Schirmer Engineering	(310) 782-0850

SIGNATURE BLOCK

08.16.2011- RECORD DRAWING

REVISION HISTORY - THIS SHEET

KEY PLAN



ROOF DETAILS

COMM. NO.	3045-002-00
SCALE	VARIES
DATE	August 16, 2011
DRAWN	

RECORD DRAWING

A074

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XXXXXX-XXXXXXXX.DWG 01-01-99 12:01

OPENING SCHEDULE — BUILDING #1 - FIRST FLOOR

REV. NO.	IDENTIFICATION SHEET NO.	IDENTIFICATION OPENING NO.	ROOM NAME	SIZE WIDTH	SIZE HEIGHT	DOOR TYPE\ MATL	DOOR GLAZING TYPE	DOOR FINISH	FRAME TYPE\ MATL	FRAME GLAZING TYPE	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS SILL\ THRESHOLD	FIRE RTG (MIN)	HARDWARE HARDWARE GROUP	NOTES	SIGNAGE TYPE	SIGNAGE ROOM NO.
--	A201A	100	LOBBY	(2)3'-0"	7'-0"	AL-FG	GL-22T	PREFIN	EX-AL	--	PT-4	--	--	--	--	744.01PW	*3	--	100
--	A201A	101	ACIT WORKROOM	(2)3'-0"	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	121.06	*2	--	101
--	A201A	102A	HIGH BAY STORAGE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	102A
--	A201A	102B	HIGH BAY STORAGE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	102B
--	A201A	102C	HIGH BAY STORAGE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	102C
--	A201A	103	ACIT WORKROOM	3'-0"	8'-10"	W-F	--	WD-1	HM-1A	--	PT-2	8A/A080	8B/A080	10/A080	20	121.05	*2	--	101
--	A201A	103A	STORAGE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	103A
--	A201A	103B	ACIT WORKROOM	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	121.05	*2	--	103
--	A201A	104A	HIGH BAY STORAGE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	104A
--	A201A	104B	HIGH BAY STORAGE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	104B
--	A201A	104C	HIGH BAY STORAGE	3'-0"	7'-0"	W-F	--	WD-1	HM-1A	--	PT-3	8A/A0.80	8B/A0.80	10/A0.80	--	121.11	*2, *3	--	104C
--	A201A	104D	HIGH BAY STORAGE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	104D
--	A201A	104E	HIGH BAY STORAGE	(2)(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	104E
--	A201A	105A	WAREHOUSE MNGR	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	105A
--	A201A	105B	WAREHOUSE MNGR	(2)(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	105B
--	A201A	106A	WH OPEN OFFICE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	20	--	--	--	106A
--	A201A	106B	WH OPEN OFFICE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	106B
--	A201A	107	BMT OPEN OFFICE	3'-0"	7'-0"	W-F	--	WD-1	HM-1A	--	PT-2	7A/A0.80	7B/A0.80	10/A0.80	20	33	--	--	107
--	A201A	108	ACIT TESTING & TRAINING	3'-0"	7'-0"	W-F	--	WD-1	HM-1A	--	PT-2	8A/A0.80	8B/A0.80	10/A0.80	20	33	--	--	108
--	A201A	109	STORAGE	3'-0"	7'-0"	W-F	--	WD-1	HM-1A	--	PT-2	8A/A0.80	8B/A0.80	10/A0.80	20	34 D	--	--	109
--	A201A	110	FINANCE OFFICE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	20	--	--	--	110
--	A201A	111A	BMT OPEN OFFICE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	20	--	--	--	111A
--	A201A	--	NOT USED	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	111B
--	A201A	112	STORAGE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	20	--	--	--	112
--	A201A	113	MEN'S TOILET	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	20	--	*1	--	113
--	A201A	114	CUST	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	20	--	--	--	114
--	A201A	115	WOMEN'S TOILET	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	20	--	*1	--	115
--	A201A	116	BMT OPEN OFFICE	(E)	(E)	(E)	--	(E)	HM-1A	--	PT-2	8A/A080	8B/A080	10/A080	20	--	*3	--	116
--	A201A	117	ELEV EQUIP	3'-0"	8'-10"	W-F	--	--	HM-1A	--	PT-2	8A/A080	8B/A080	--	45	34	--	--	117
--	A201A	118	DIRECTOR'S OFFICE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	20	--	--	--	118
--	A201A	119A	STAIR	V.I.F	V.I.F	AL-FG2	--	PREFIN	EX-AL	--	PT-4	--	--	--	--	121.08	*2	--	119A
--	A201A	119B	STAIR	3'-0"	7'-0"	WD-F	--	WD-1	HM-1A	--	PT-2	8A/A080	6A/A080	10/A0.80	60	51	--	--	119B
--	A201A	121A	STAIR	(2)(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	121.07	*2	--	121A
--	A201A	121B	STAIR	3'-0"	7'-0"	WD-F	--	WD-1	HM-1A	--	PT-2	8A/A080	6A/A080	10/A0.80	60	51	--	--	121B
--	A201A	122	COPY/MAIL	3'-0"	7'-0"	W-F	--	WD-1	HM-1A	--	PT-2	8A/A080	8B/A080	10/A080	20	121.10	*2	--	122
--	A201A	123	STAIR	3'-0"	8'-10"	W-F	--	WD-1	HM-1A	--	PT-2	8A/A080	8B/A080	10/A080	60	51	--	--	123
--	A201A	124A	STORAGE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	124A
--	A201A	124B	STORAGE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	60	--	--	--	124B

NOTE1:
*1. INSTALL (N) BATHROOM SIGNAGE. REF 9/A0.90, 13/A0.90 FOR MOUNTING HEIGHTS
*2. REF SECURITY DRAWING AND SPECIFICATION FOR OMNI LOCK LOCATIONS, AND COMPATIBILITY W/EXISTING LOCKING MECHANISMS
*3. REMOVE EXISTING DOOR AND HARDWARE. INSTALL NEW DOOR FRAME AND HARDWARE AT NEW LOCATION. REF 7/A6.33 FOR ELEVATION

OPENING SCHEDULE — BUILDING #1 - SECOND FLOOR

REV. NO.	IDENTIFICATION SHEET NO.	IDENTIFICATION OPENING NO.	ROOM NAME	SIZE WIDTH	SIZE HEIGHT	DOOR TYPE\ MATL	DOOR GLAZING TYPE	DOOR FINISH	FRAME TYPE\ MATL	FRAME GLAZING TYPE	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS SILL\ THRESHOLD	FIRE RTG (MIN)	HARDWARE HARDWARE GROUP	NOTES	SIGNAGE TYPE	SIGNAGE ROOM NO.
--	A202A	201	NOT USED	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
--	A202A	202	TELE / DATA ROOM	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	202
--	A202A	203A	ACIT OPEN OFFICE	(2)(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	121.06	*2	--	203A
--	A202A	203B	ACIT OPEN OFFICE	3'-0"	8'-10"	WD-F	--	WD-1	HM-1A	--	PT-2	--	--	--	--	121.05	*2	--	203B
--	A202A	205	ACIT OPEN OFFICE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	205
--	A202A	206A	DATA ROOM	3'-0"	7'-0"	WD-F	--	WD-1	HM-1A	--	PT-2	8A/A080	8B/A080	10/A0.80	--	34	*2	--	206
--	A202A	206B	DATA ROOM	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	121.10	*2	--	206
--	A202A	206AB	DATA ROOM	3'-0"	8'-10"	WD-F	--	WD-1	HM-1A	--	PT-2	8A/A080	8B/A080	10/A0.80	--	13	--	--	206A
--	A202A	207	BREAK ROOM	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	207
--	A202A	208	NOT USED	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
--	A202A	209A	ACIT	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	209A
--	A202A	209B	ACIT	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	209B
--	A202A	210	ACIT	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	210
--	A202A	211	ACIT	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	211
--	A202A	212	ACIT	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	212
--	A202A	213	ACIT OPEN OFFICE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	213
--	A202A	214	MEN'S TOILET	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	*1	--	214
--	A202A	215	CUST	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	*3	--	215
--	A202A	216	WOMEN'S TOILET	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	*1	--	216
--	A202A	217	OFFICE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	217
--	A202A	218	ACIT OPEN OFFICE	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	--	--	--	--	218
--	A202A	219	STAIR	3'-0"	8'-10"	WD-F	--	WD-1	HM-1A	--	PT-2	8A/A080	8B/A080	10/A0.80	60	51	--	--	219
--	A202A	221	STAIR	3'-0"	7'-0"	WD-F	--	WD-1	HM-1A	--	PT-2	8A/A080	6A/A080	10/A0.80	60	51	--	--	221
--	A202A	222	STORAGE	3'-0"	7'-0"	WD-F	--	WD-1	HM-1A	--	PT-2	8A/A080	8B/A080	10/A0.80	--	14	*4	--	222
--	A202A	223	STAIR	(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	60	--	--	--	223

NOTE1:
*1. INSTALL (N) BATHROOM SIGNAGE. REF 9/A0.90, 13/A0.90 FOR MOUNTING HEIGHTS
*2. REF SECURITY DRAWING AND SPECIFICATION FOR OMNI LOCK LOCATIONS, AND COMPATIBILITY W/EXISTING LOCKING MECHANISMS
*3. REPLACE EXISTING CLOSER. FIELD VERIFY MANUF. & MODEL

OPENING SCHEDULE — BUILDING #1 - THIRD FLOOR

REV. NO.	IDENTIFICATION SHEET NO.	IDENTIFICATION OPENING NO.	ROOM NAME	SIZE WIDTH	SIZE HEIGHT	DOOR TYPE\ MATL	DOOR GLAZING TYPE	DOOR FINISH	FRAME TYPE\ MATL	FRAME GLAZING TYPE	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS SILL\ THRESHOLD	FIRE RTG (MIN)	HARDWARE HARDWARE GROUP	NOTES	SIGNAGE TYPE	SIGNAGE ROOM NO.
--	--	300	STAIR	(2)(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	60	--	--	--	300
--	--	301	ELECT	(2)(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	60	--	--	--	301
--	--	302A	MECH	(2)(E)	(E)	(E)	--	(E)	(E)	--	(E)	--	--	--	60	--	*1	--	302
--	--	302B	MECH	3'-0"	7'-0"	HM-F	--	PT-2	HM-1A	--	PT-2	--	--	--	--	39.03 PW	--	--	302

NOTES:
*1. TRIM 6" OFF @ BOTTOM OF EXISTING DOOR REF DETAIL 3/A074 FOR THRESHOLD CONDITION

OPENING SCHEDULE — BUILDING #2 - FIRST FLOOR

REV. NO.	IDENTIFICATION SHEET NO.	IDENTIFICATION OPENING NO.	ROOM NAME	SIZE WIDTH	SIZE HEIGHT	DOOR TYPE\ MATL	DOOR GLAZING TYPE	DOOR FINISH	FRAME TYPE\ MATL	FRAME GLAZING TYPE	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS SILL\ THRESHOLD	FIRE RTG (MIN)	HARDWARE HARDWARE GROUP	NOTES	SIGNAGE TYPE	SIGNAGE ROOM NO.
--	--	152	BMT OPEN OFFICE	(E)	(E)	(E)	--	(E)	HM-1A	--	PT-2	--	--	--	--	--	*1	--	152
--	--	--	LOBBY				--		--	--	--	--	--	--	--	121.12	*2	--	--
--	--	--	WAREHOUSE 2				--		--	--	--	--	--	--	--	121.11	*2	--	--

NOTES:
*1. INSTALL RELOCATED DOOR AND HARDWARE IN NEW FRAME
*2. REF SECURITY DRAWING AND SPECIFICATION FOR OMNI LOCK LOCATIONS, AND COMPATIBILITY W/EXISTING LOCKING MECHANISMS

A. NOT ALL DOOR AND FRAME TYPES SHOWN HERE MAY BE USED IN THIS PROJECT.

B. FOR FRAME AND GLASS TYPES REFER TO PLANS, DOOR AND FRAME SCHEDULE, ELEVATIONS AND DETAILS.

C. INSTALL TEMPERED GLASS PER CODE.

D. REFER TO PLANS FOR INTERIOR PARTITION TYPES AND EXTERIOR WALL TYPES.

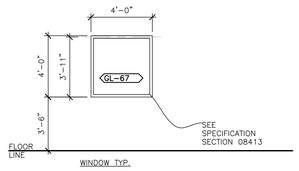
E. HOLLOW METAL FRAMES AT MASONRY PARTITIONS SHALL BE GROUTED SOLID.

F. HOLLOW METAL FRAMES AT METAL STUD PARTITIONS SHALL BE SPOT GROUTED AT ALL FRAME ANCHORS WITH JOINT COMPOUND.

H. REFER TO DOOR AND FRAME SCHEDULE FOR FRAME WIDTHS AND FOR DOOR INFORMATION.

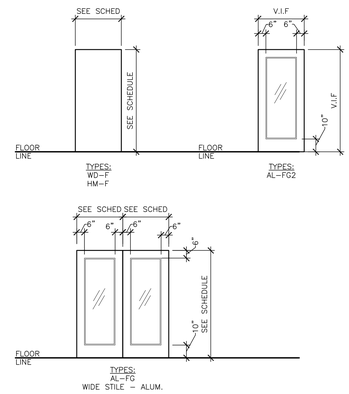
J. CONTINUE GYPSUM BOARD OF HIGHER FIRE RATED PARTITION CONTINUOUSLY PAST LOWER RATED, INTERSECTING PARTITION(S) TYPICAL.

1 DOOR AND FRAME GENERAL NOTES
1'-0" = 1'-0"

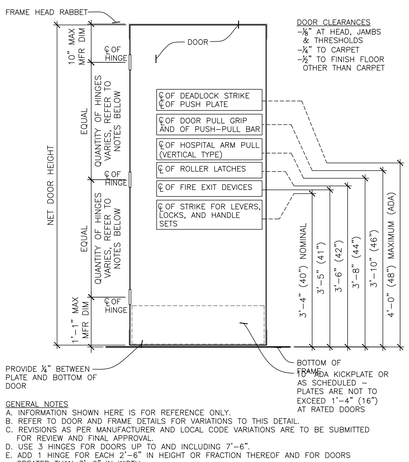


WINDOW TYP.

2 WINDOW ELEVATION PRICE AS ALT
1/4" = 1'-0"

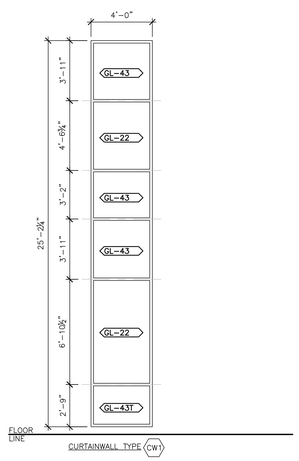


5 DOOR TYPES
1/4" = 1'-0"

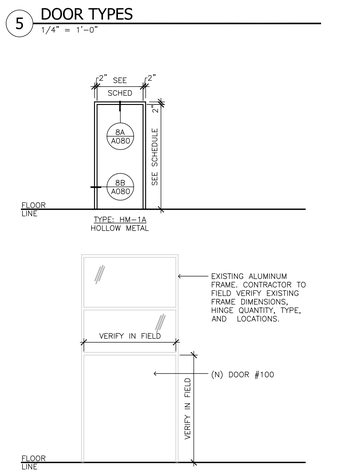


GENERAL NOTES
A. INFORMATION SHOWN HERE IS FOR REFERENCE ONLY.
B. REFER TO DOOR AND FRAME DETAILS FOR VARIATIONS TO THIS DETAIL.
C. REVISIONS AS PER MANUFACTURER AND LOCAL CODE VARIATIONS ARE TO BE SUBMITTED FOR REVIEW AND FINAL APPROVAL.
D. USE 3 HINGES FOR DOORS UP TO AND INCLUDING 7'-6".
E. ADD 1 HINGE FOR EACH 2'-6" IN HEIGHT OR FRACTION THEREOF AND FOR DOORS GREATER THAN 3'-6" IN WIDTH.
F. ALL OPERATING HARDWARE SHALL BE MOUNTED BETWEEN 2'-6" (30") AND 4'-0" (48") ABOVE FINISHED FLOOR UNLESS DIRECTED OTHERWISE BY APPLICABLE CODES.
G. EXTEND DOOR OPENING JAMBS AND DOOR-TO-DOOR MULLIONS 8" BELOW THE FINISH FLOOR ELEVATION WHEN THE FLOOR FINISH IS TO BE INSTALLED AFTER FRAME

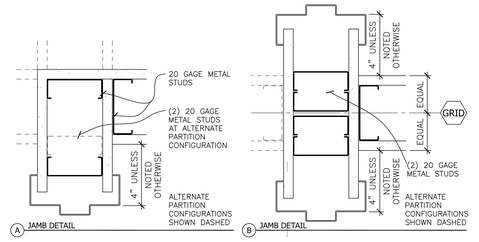
3 DOOR HARDWARE LOCATIONS
3/4" = 1'-0"



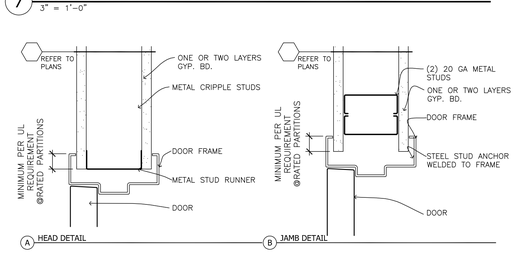
4 CURTAINWALL ELEVATION
1/4" = 1'-0"



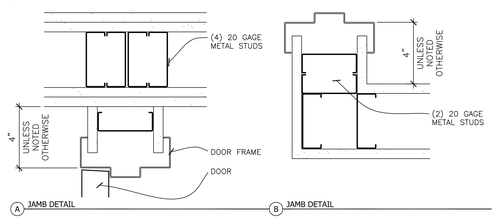
6 FRAME TYPES - DOORS
1/4" = 1'-0"



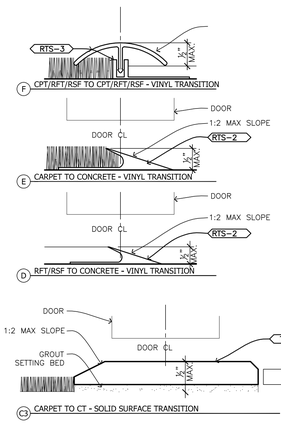
7 HOLLOW METAL FRAME DETAILS - MET STUD PTN
3" = 1'-0"



8 HOLLOW METAL FRAME DETAILS - MET STUD PTN
3" = 1'-0"



9 HOLLOW METAL FRAME DETAILS - MET STUD PTN
3" = 1'-0"



A. FLR TRANSITION LEVEL CHANGES UP TO ¼" MAY BE VERTICAL. CHANGES IN LEVEL BTWN ¼" AND ½" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 2:1 WITH NO FLR MATERIAL TRANSITION GREATER THAN ½" ALLOWED. TYP FOR ALL FLOOR TRANSITIONS.

¼" MAX ½" TO ¾" 1 2

B. DR CLEARANCES SHALL BE PER DOOR MFR'S STANDARDS OR AS REQUIRED BY CODE.

C. FIELD VERIFY & COORDINATE HEIGHTS OF MATERIALS PRIOR TO FABRICATION AND/OR INSTALLATION OF TRANSITION STRIPS.

A TRANSITION GENERAL NOTES

10 TRANSITION NOTES AND DETAILS
1'-0" = 1'-0"

CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

HMA
Architecture | Engineering | Planning
Hammel, Green and Abrahamson, Inc.
1880 Century Park East - Suite 608
Los Angeles, California USA 90067
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CONSULTANTS:

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CIVIL
JMC2 (310) 241-6550

MECHANICAL / ELECTRICAL / PLUMBING
M-E Engineers (310) 842-8700

DATA / TELECOM
Vantage Technology Consulting Group (310) 536-7676

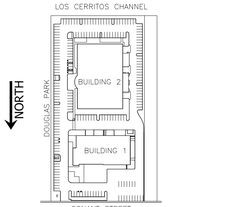
SECURITY
Schirmer Engineering (310) 782-0850

SIGNATURE BLOCK

08.16.2011- RECORD DRAWING

REVISION HISTORY - THIS SHEET

KEY PLAN



DOOR AND FRAME SCHEDULE

COMM. NO. 3045-002-00
SCALE AS NOTED
DATE August 16, 2011
DRAWN AOHARE

RECORD DRAWING

A080

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ROOM FINISH SCHEDULE BUILDING #1 - FIRST FLOOR

SHEET NO.	ROOM NO.	ROOM NAME	FLOOR MAT'L	FLOOR BASE	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING MATL	CEILING FINISH	NOTES
A201A	100	LOBBY	(E)	(E)	PT-1	PT-1	PT-1	PT-1	ACT-1	--	--
A201A	100A	ELEVATOR LOBBY	RFT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	--	--
A201A	100B	ELEVATOR	RFT-2	--	--	--	--	--	--	--	--
A201A	102	HIGH BAY STORAGE	(E)	(E)	(E)	(E)	(E)	(E)	(E)	--	--
A201A	102A	ACIT SECURED STORAGE	(E)	(E)	(E)	(E)	(E)	(E)	(E)	--	--
A201A	103	ACIT WORKROOM	(E)	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	--
A201A	103A	STORAGE	(E)	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	--
A201A	104	HIGH BAY STORAGE	(E)	(E)	(E)	(E)	(E)	(E)	(E)	--	--
A201A	105	WAREHOUSE MANAGER	(E)	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	--
A201A	106	WAREHOUSE OPEN OFFICE	CPT-1	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	--
A201A	107	BMT OPEN OFFICE	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	--	--
A201A	108	ACIT TESTING & TRAINING	CPT-1	(E)/RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	--	--
A201A	109	STORAGE	(E)	(E)/RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	--	--
A201A	110	FINANCE OFFICE	(E)	(E)/RB-1	PT-1	PT-1	PT-1	PT-1	(E)/ACT-1	--	--
A201A	111	BMT OPEN OFFICE	(E)/CPT-1	(E)/RB-1	PT-1	PT-1	PT-1	PT-1	(E)/ACT-1	--	--
A201A	112	STORAGE	(E)	(E)	(E)	(E)	(E)	(E)	(E)	--	--
A201A	113	MEN'S TOILET	CTF-1	CTB-1	CTW-1	CTW-1	CTW-1	CTW-1	PT-1	--	--
A201A	114	CUST	(E)	(E)/CT	PT-1	PT-1	PT-1	PT-1	PT-1	--	--
A201A	115	WOMEN'S TOILET	(E)	(E)	(E)	(E)	(E)	(E)	PT-1	--	--
A201A	116	BMT OPEN OFFICE	(E)	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	--
A201A	117	ELEV. EQUIP.	CS-1	RB-1	PT-1	PT-1	PT-1	PT-1	--	--	--
A201A	118	DIRECTOR'S OFFICE	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-1	(E)	--	*3
A201A	119	STAIR	RST-1	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	*1
A201A	120	CORRIDOR	(E)/CPT-1	(E)/RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	--	--
A201A	121	STAIR	RST-1	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	*1
A201A	122	COPY/MAIL	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	--	--
A201A	123	STAIR	RST-1	(E)/RB-1	PT-1	PT-1	PT-1	PT-1	(E)/ACT-1	--	*1
A201A	124	STORAGE	(E)	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	--

NOTES:
*1. PROVIDE NEW VINYL COMPOSITION TILE TREADS, LANDINGS AND PLATFORMS, RESILIENT NOSING, AND PAINT STEEL RISERS PER ALTERNATE #3
*3. INFILL OPEN SHAFT ADJACENT TO 202 TELE/DATA ROOM PER ALTERNATE #1

ROOM FINISH SCHEDULE BUILDING #1 - SECOND FLOOR

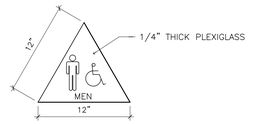
SHEET NO.	ROOM NO.	ROOM NAME	FLOOR MAT'L	FLOOR BASE	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING MATL	CEILING FINISH	NOTES
A202A	200	ELEV. LOBBY	RFT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-2	--	--
A202A	200A	ELEVATOR	RFT-2	--	--	--	--	--	--	--	--
A202A	201	RECEPTION	RFT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-2	--	--
A202A	202	TELE / DATA ROOM	(E)/RFT-1	(E)/RB-1	PT-1	PT-1	PT-1	PT-1	(E)/ACT-2	--	*3
A202A	203	ACIT OPEN OFFICE	(E)	RB-1	PT-1	PT-1	PT-1	PT-1	(E)	--	--
A202A	204	STORAGE	(E)	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	--
A202A	205	ACIT OPEN OFFICE	(E)	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	--
A202A	206	DATA ROOM	AC FL-2	RB-1	PT-1	PT-1	PT-1	PT-1	(E)	--	*2
A202A	206A	OFFICE	AC FL-2	RB-1	PT-1	PT-1	PT-1	PT-1	(E)/ACT-2	--	*2
A202A	207	BREAK ROOM	(E)	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	--
--	--	NOT USED	--	--	--	--	--	--	--	--	--
A202A	209	OFFICE	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-2	--	--
A202A	210	ACIT	(E)	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	--
A202A	211	ACIT	(E)	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	--
A202A	212	ACIT	(E)	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	--
A202A	213	ACIT OPEN OFFICE	(E)	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	--
A202A	214	MEN'S TOILET	CTF-1	CTB-1	CTW-1	CTW-1	CTW-1	CTW-1	PT-1	--	--
A202A	215	CUST	VCT-1	RB-1	PT-1/FRP-1	PT-1	PT-1/FRP-1	PT-1/FRP-1	--	--	--
A202A	216	WOMEN'S TOILET	(E)	(E)	(E)	(E)	(E)	(E)	PT-1	--	--
A202A	217	OFFICE	(E)	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	--
A202A	218	ACIT OPEN OFFICE	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-2	--	--
A202A	219	STAIR	RST-1	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	*1
A202A	220	CORRIDOR	(E)	(E)	PT-1	PT-1	PT-1	PT-1	ACT-2	--	--
A202A	221	STAIR	RST-1	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	*1
A202A	222	STORAGE	CS-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-2	--	--
A202A	223	STAIR	RST-1	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	*1

NOTES:
*1. PROVIDE NEW RUBBER TREADS, LANDINGS AND PLATFORMS, RESILIENT NOSING, AND PAINT STEEL RISERS PER ALTERNATE #3
*2. 18" RAISED FLOOR SYSTEM
*3. INFILL OPEN SHAFT ADJACENT TO 202 TELE/DATA ROOM PER ALTERNATE #1

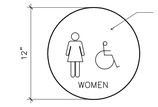
ROOM FINISH SCHEDULE BUILDING #1 - THIRD FLOOR

SHEET NO.	ROOM NO.	ROOM NAME	FLOOR MAT'L	FLOOR BASE	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING MATL	CEILING FINISH	NOTES
A203A	300	STAIR	RST	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	*1
A203A	301	ELEC	(E)	(E)	PT-1	PT-1	PT-1	PT-1	(E)	--	--
A203A	302	MECHANICAL	(E)	(E)	(E)	(E)	(E)	(E)	(E)	--	--

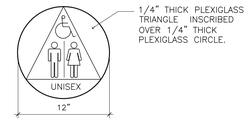
NOTES:
*1. PROVIDE NEW VINYL COMPOSITION TILE TREADS, LANDINGS AND PLATFORMS, RESILIENT NOSING, AND PAINT STEEL RISERS PER ALTERNATE #3



A MEN'S SANITARY FACILITY



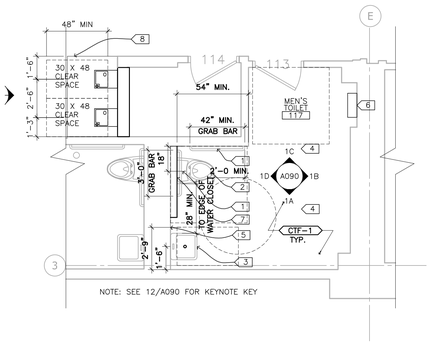
B WOMEN'S SANITARY FACILITY



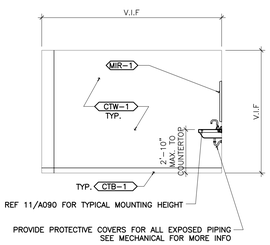
C UNISEX SANITARY FACILITY

NOTE:
1. IDENTIFICATION SYMBOLS TO BE CENTERED ON THE DOOR AND MOUNTED AT A HEIGHT OF 60" A.F.F. TO CENTER OF SYMBOL.
2. RESTROOM IDENTIFICATION SIGN ON WALL INCLUDING RAISED LETTERS, CONTRACTED (GRADE 2) BRAILLE, AND IF DESIRED, A GENDER PICTOGRAM.
3. ALL RESTROOM SIGNAGE SHALL COMPLY WITH 2007 CBC 1117B.5.1 #1

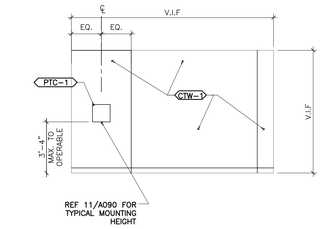
13 REQUIRED ACCESSIBLE SANITARY FACILITIES SIGNAGE
1 1/2" = 1'-0"



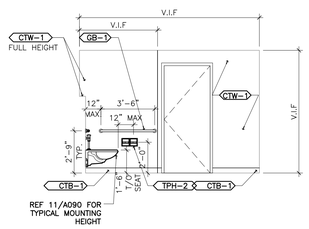
1 MEN'S TOILET- ENLARGE FLOOR PLAN
1/4" = 1'-0"



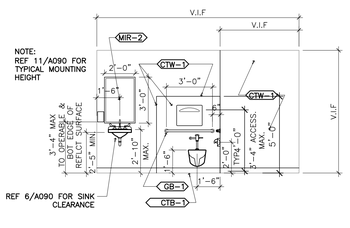
1A MEN'S TOILET- NORTH ELEVATION
1/4" = 1'-0"



1B MEN'S TOILET- EAST ELEVATION
1/4" = 1'-0"



1C MEN'S TOILET- SOUTH ELEVATION
1/4" = 1'-0"

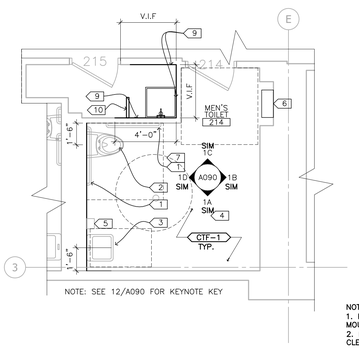


1D MEN'S TOILET- WEST ELEVATION
1/4" = 1'-0"

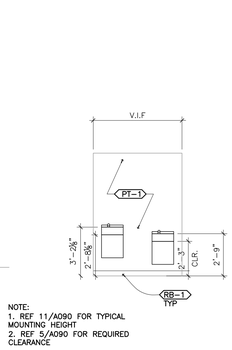
ENLARGED FLOOR PLAN KEYNOTES (##)

1. INSTALL (N) WALL BRACING AND GRAB BAR, SEE 3/A064
2. INSTALL (N) PLUMBING FIXTURE
3. INSTALL (E) RELOCATE HAND WASHING SINK
4. INSTALL (N) FLOORING <CTF-1>, WALL BASE <CTB-1>
5. INSTALL (N) SOAP DISPENSARY, REF 11/A090 FOR MOUNTING HEIGHTS
6. INSTALL (N) PAPER TOWEL HOLDER, REF 11/A090 FOR MOUNTING HEIGHTS
7. INSTALL (N) TOILET ACCESSORY (TOILET SEAT COVER DISPENSARY, TOILET PAPER HOLDER) REF 11/A090 FOR MOUNTING HEIGHTS
8. INSTALL (N) VCT FLOORING @ LOCATION WALL WAS DEMOLISHED
9. INSTALL (N) 8' HEIGHT FRP PANEL. AT LOCATION OF EXISTING ELECTRICAL PANEL CUT FRP PANEL AROUND THE EXISTING PANEL AND CONDUIT
10. INSTALL (E) WING WALL AFTER INSTALLATION OF (N) FRP PANEL

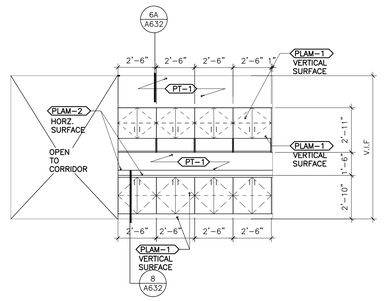
12 ENLARGED FLOOR PLAN KEYNOTES
NTS



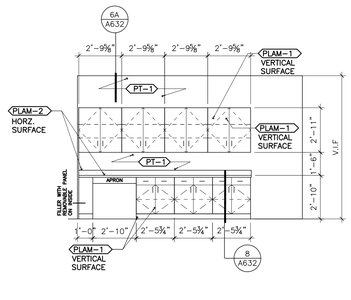
2 MEN'S TOILET- ENLARGE FLOOR PLAN
1/4" = 1'-0"



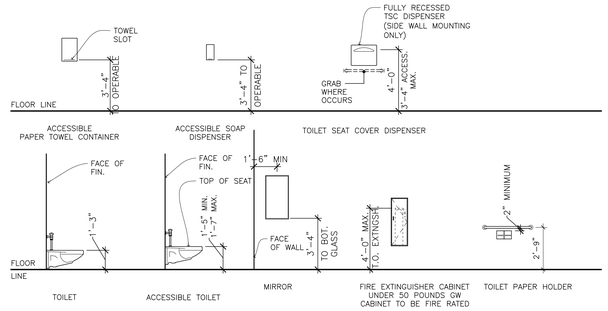
3 DRINKING FOUNTAINS
1/4" = 1'-0"



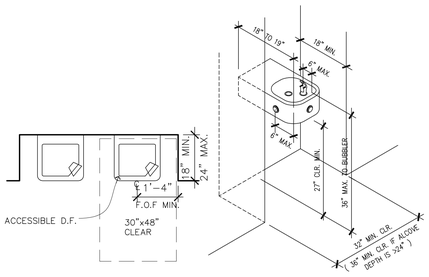
4 COPY/MAIL ROOM
1/4" = 1'-0" RM. 122



4A COPY/MAIL ROOM
1/4" = 1'-0" RM. 207



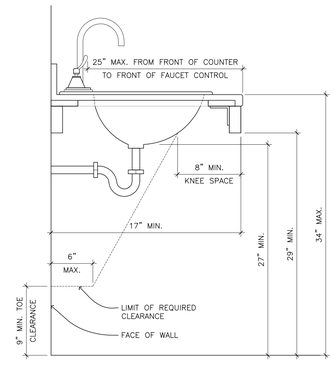
11 TYPICAL TOILET ROOM FIXTURE / ACCESSORY MOUNTING DIAGRAMS
1/4" = 1'-0"



C ALCOVE INSTALLATION PLAN VIEW A ALCOVE INSTALLATION ISOMETRIC

NOTE: WATER SPOUT MUST BE MINIMUM 4" HIGH

5 ACCESSIBLE DRINKING FOUNTAIN
NTS



6 LAVATORY CLEARANCES
1/2" = 1'-0"

8 NOT USED
NA

A. ALL ACCESSORIES TO BE ACCESSIBLE, UNLESS NOTED OTHERWISE.

B. ITEMS SHOWN ARE NOT NECESSARILY USED.

C. FOR MIRROR INSTALLATION ABOVE CERAMIC TILE (CT) PROVIDE HARDBOARD FURRING BEHIND MIRROR FLUSH WITH FACE OF CT WAINSCOT. HOLD EDGE OF HARDBOARD ⅜" BACK FROM EDGE OF MIRROR. SEAL THE RESULTING REVEAL WITH SANITARY SEALANT.

D. SEE 3/A064 FOR MOUNTING SUPPORT BACKING DETAILS.

E. PROVIDE MOUNTING SUPPORTS AT ALL SHELVES, TOILET ACCESSORIES, MIRRORS, CLOCKS, CHALKBOARDS, MARKER BOARDS, WALL HOOKS, COAT RACKS/HOOKS, WOOD TRIM, DOOR BUMPERS, FIRE EXTINGUISHERS AND OTHER ITEMS TO BE SECURED TO WALL UNLESS OTHER MEANS OF SUPPORT ARE INDICATED.

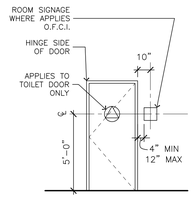
F. PROVIDE MOUNTING SUPPORTS AT LOCATIONS REQUIRED BY OWNER FOR OWNER INSTALLED ITEMS. CONTRACTOR TO COORDINATE WITH OWNER.

G. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MARKING LOCATIONS OF ITEMS REQUIRING MOUNTING SUPPORTS.

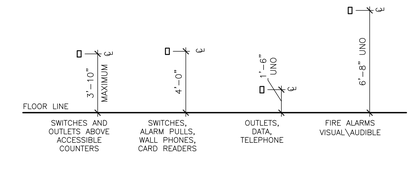
H. ALL PLAN DIMENSIONS SHOWN HERE ARE TYPICAL UNLESS NOTED OTHERWISE. REFERENCE FLOOR PLANS AND ELEVATIONS FOR ADDITIONAL ROOM DIMENSIONS.

I. ALL FIXTURES AND ACCESSORIES AT T-24 & ADA ACCESSIBLE ROOMS TO MEET ACCESSIBLE CODE REQUIREMENTS.

7 MOUNTING HEIGHT GENERAL NOTES
NTS



9 DOOR/ROOM SIGNAGE
1/4" = 1'-0"



10 TYPICAL ELECTRICAL MOUNTING DIAGRAMS (UNO)
1/4" = 1'-0"

CLIENT:

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

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SIGNATURE BLOCK

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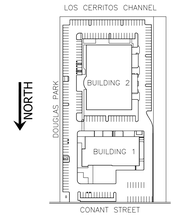

ROOM FINISH SCHEDULE
ENLARGE RESTROOM PLAN, ELEVATIONS

COMM. NO. 3045-002-00
SCALE AS NOTED
DATE August 16, 2011
DRAWN AOHARE

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A090

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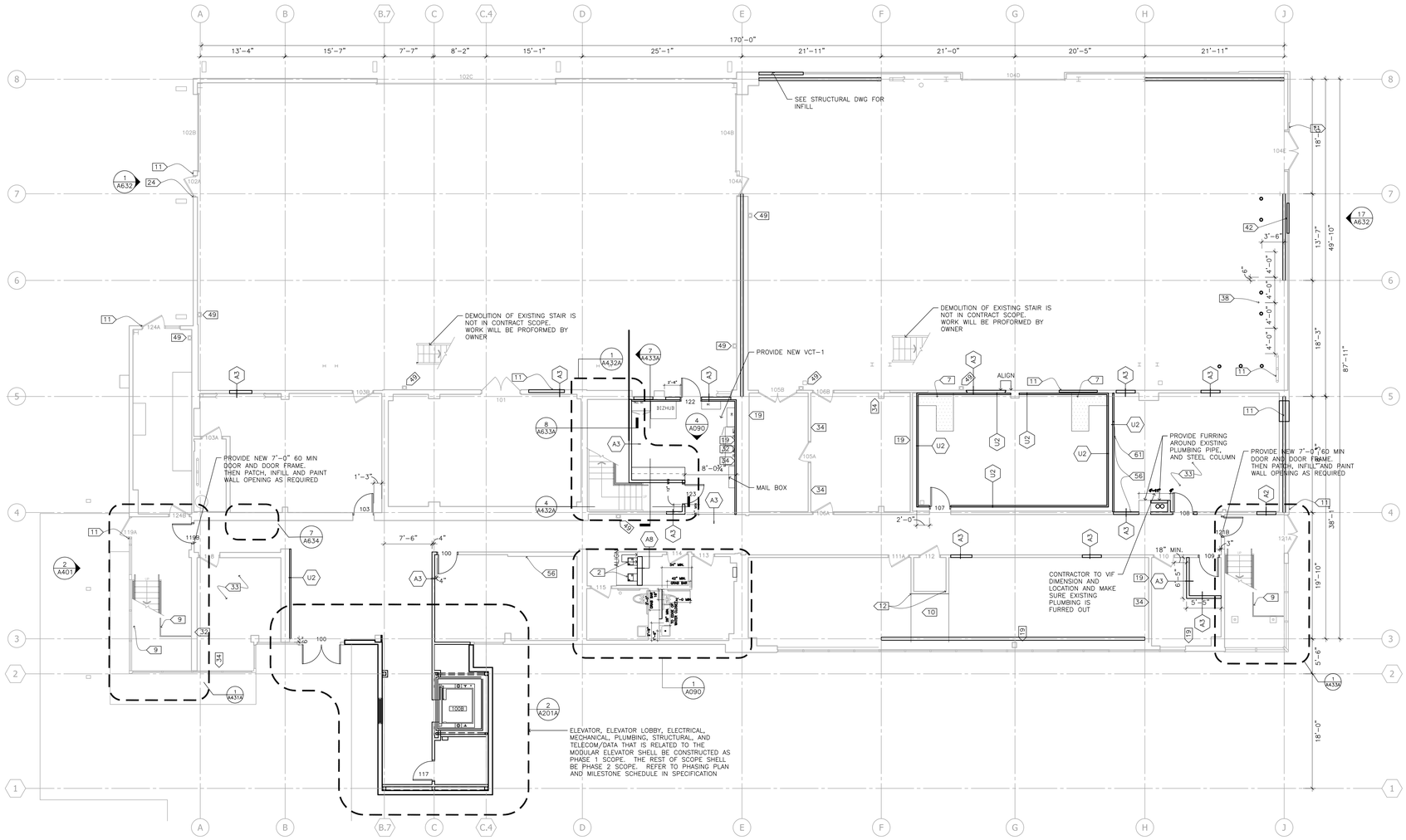
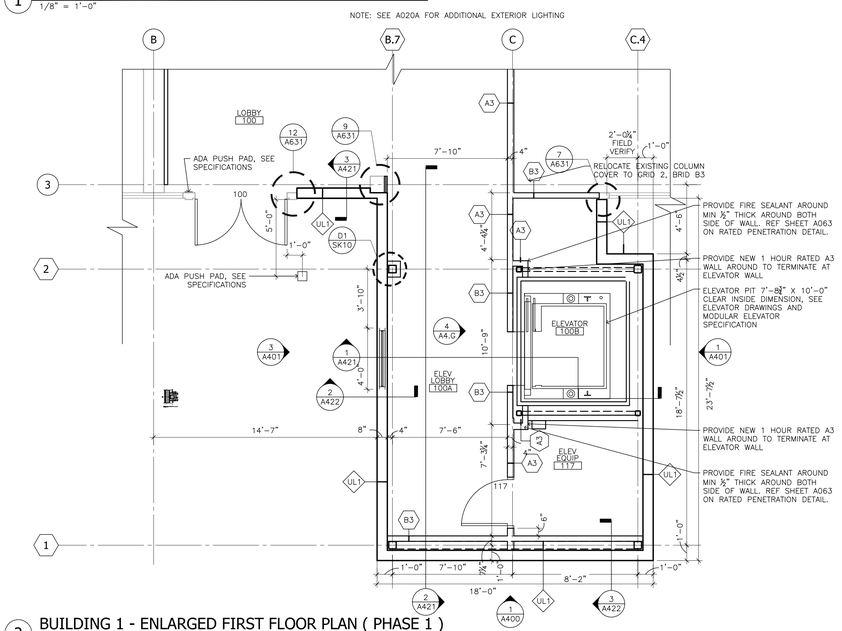


1 BUILDING 1 - FIRST FLOOR PLAN
1/8" = 1'-0"



2 BUILDING 1 - ENLARGED FIRST FLOOR PLAN (PHASE 1)
1/4" = 1'-0"

FLOOR PLAN AND ROOF PLAN GENERAL NOTES

A. VERIFY DIMENSIONS, CONDITIONS & FINISHES BEFORE PRICING &/OR PROCEEDING WITH WORK. DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.
B. ALL INTERIOR PARTITIONS SHALL BE "A3", UNO. SEE SHEET A060 FOR TYPICAL INTERIOR WALL TYPES.
C. ALL PIPING, CONDUITS AND RELATED MECHANICAL AND ELECTRICAL ITEMS SHALL BE CONCEALED WITHIN DRYWALL FURRING AS REQUIRED IN FINISHED AREAS WHETHER SHOWN ON DRAWINGS OR NOT, UNO.
D. PROVIDE METAL PLATE BACKING IN WALLS WHERE WALL-MOUNTED EQUIPMENT IS SHOWN ON PLANS OR ELEVATIONS. VERIFY HEIGHT AND LENGTH WITH ACTUAL EQUIPMENT.
E. VERIFY EXISTING DIMENSIONS, CONDITIONS AND FINISHES BEFORE PRICING AND/OR PROCEEDING WITH WORK. DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.
F. ALL DIMENSIONS ARE CLEAR FROM THE FACE OF FINISHED WALL/PARTITION TO FACE OF FINISHED WALL/PARTITION OR FACE OF EXISTING WALLS. SEE PARTITION TYPES FOR ACTUAL THICKNESS OF PARTITIONS. MASONRY WALLS ARE DIMENSIONED TO NOMINAL FACE.
G. MATCH FINISHED WALL OR PARTITION THICKNESS WHERE NEW WALLS OR PARTITIONS OCCUR IN LINE WITH EXISTING WALLS.
H. PATCH ALL HOLES IN EXISTING SURFACES WHERE EQUIPMENT HAS BEEN REMOVED OR DEMOLITION HAS OCCURRED. PREPARE SURFACES AS REQUIRED FOR NEW FINISHES. PATCH TO MATCH ADJACENT SURFACE IF NOT SCHEDULED.
I. ALL EXISTING FLOOR OPENINGS AND DEPRESSIONS IN THE WORK SHALL BE FILLED OR CLOSED, UNO, WITH MATERIALS TO MATCH ADJACENT SURFACES, FINISHES AND FIRE RATINGS.
J. SEE 1/A012 FOR MATERIAL IDENTIFICATION CODES.
K. DOOR SIGNAGE PROVIDED AND INSTALLED BY OWNER.
L. ALL FREESTANDING FURNITURE TO BE PROVIDED AND INSTALLED BY OWNER, SHOWN DASHED.
M. REFER TO DETAILS 7/A080, 8/A080, AND 9/A090 FOR DETAIL OF DOOR JAMBS AT ABUTTING WALLS OR PARTITIONS.
N. ALL MECHANICAL EQUIPMENT PADS TO BE 4" HIGH UNLESS OTHERWISE NOTED. LENGTH AND WIDTH OF PADS TO BE VERIFIED BY CONTRACTOR.
O. SEE SHEET A080 FOR ROOM FINISH AND OPENING SCHEDULES.
P. PATCH WALLS WHERE CONNECTIONS OF ELECTRICAL AND OR DATA/COMMUNICATION OUTLETS ARE BEING REMOVED.
Q. SEE SHEETS A065 AND A067 FOR TYPICAL CEILING DETAILS.
R. PROVIDE NEW OUTLET COVER FOR LOCATIONS IF MISSING COVER, TYPICAL
S. BASE BID TO REMOVE ALL (E) WALL COVERING ON ALL WALLS AS PREP, AND PATCH ALL WALL SURFACE DAMAGE DURING DEMOLITION. THEN PAINT ALL WALL WITH PAINT <PT-1 > REFERENCE SPECIFICATION FOR PARAMETER. ALTERNATE-1: PRICE ALL WALL WITH WALL COVERING INTACT, CLEAN UP THE SURFACE THOROUGHLY, PATCH HOLES, SAND THE SEEMS SMOOTH, TEAR AND SAND AWAY LOOSE STRIPS AND LASTLY RE-PASTE LOOSE EDGES, AND THEN PAINT OVER THE WALL COVERING WITH PAINT (PT-1) AS ALTERNATE. REFERENCE SPECIFICATION FOR PARAMETER
T. REF SHEETS A021A, A021B, A022A AND A0.63 FOR LIFE SAFETY PLANS INCLUDING WALL FIRE RATING LOCATION, AND HEAD AND SILL DETAILS
U. ALL INTERIOR PARTITIONS AND DRYWALL CEILING SHALL BE PAINTED AS <PT-1 > UNO.
V. PROVIDE ALL NEW FIRE EXTINGUISHER AT EXISTING CABINET LOCATION. CONTRACTOR TO VERIFY LOCATION & TYPE
W. PROVIDE (N) WALL BASE THROUGHOUT BUILDING AT LOCATIONS MISSING WALL BASE, COLOR & TYPE TO MATCH EXISTING

FLOOR PLAN AND ROOF PLAN KEYNOTES

1. REPAIR/REPLACE EXISTING GYPSUM BOARD AS REQUIRED AND INSTALL 8"0" HEIGHT <FRP-1> WAINSCOTING. REF 2/A090 FOR PANEL WIDTH
2. INSTALL (N) DRINKING FOUNTAIN. SEE DETAIL 5/A090 FOR MOUNTING HEIGHT.
3. SHELVING, OWNER FURNISHED OWNER INSTALLED.
4. REFRIGERATOR, OWNER FURNISHED, OWNER INSTALLED.
5. INFILL FLOOR WITH MATCHING FLOOR TILE, AS REQUIRED, WHERE WALL HAS BEEN DEMOLISHED.
6. INSTALL NEW MATCHING CARPET, AS REQUIRED, WHERE WALL(S) OR OTHER COMPONENT HAVE BEEN DEMOLISHED.
7. INFILL EXISTING TRENCHES WITH STYROFOAM, CONCRETE SLAB, AND PREP FOR FINISH FLOORING. REF STRUCTURAL SHEETS FOR INFORMATION.
8. AT AREA MISSING WALL BASE INSTALL NEW RUBBER WALL BASE TYPE AND COLOR TO MATCH ADJACENT BASE MATERIAL
9. PROVIDE (N) 27" HIGH GUARDRAIL WHERE VERTICAL CLEARANCE IS BELOW 80". SEE 12/A632.
10. INSTALL (N) MATCHING VCT FLOORING, AS REQUIRED, WHERE WALL(S) OR OTHER COMPONENT HAVE BEEN DEMOLISHED.
11. PATCH, REPAIR, AND INFILL SCREW HOLES DAMAGE BY REMOVAL OF CARD READER, BUILDING WALL SIGNAGE, HVAC DUCT, HVAC EQUIPMENT OR LIGHTING FIXTURE
12. PATCH REPAIR, AND PAINT WALL(S) AS REQUIRED OR OTHER COMPONENT(S) THAT HAVE BEEN DEMOLISHED.
13. INSTALL (N) CERAMIC TILE FLOORING
14. INSTALL (N) JANITORIAL MOP SINK
15. INSTALL (N) 2 X 2 RAISED FLOORING, <ACFL-2> INCLUDE 10% AS VENTED TILES ENTIRE ROOM. PRICE ADDITIONAL 5% VENTED TILES AS EXTRA, AND THE ADDITIONAL SOLID TILES WILL HAVE 3"X8" CENTER-EDGE OPENINGS FOR CONDUIT/CABLE PENETRATIONS. PROVIDE BRUSH STRIPS AROUND THE OPENINGS. REF TELECOM / DATA DRAWING FOR LOCATION OF VENTED TILE. (N) FLOOR TO MATCH EXISTING FLOOR HEIGHT (18" – FIELD VERIFY)
16. PATCH, AND RESEAL EXISTING CONCRETE FLOORING DAMAGE BY REMOVAL OF MECHANICAL SUPPORT.
17. INSTALL NEW ROOFING <TPOT-1>
18. PROVIDE (N) INSULATION AND ROOFING AT DAMAGED ROOFING AREA, SEE 1/A073
19. PROVIDE (N) OUTLET COVER, TYPE, AND COLOR TO MATCH EXISTING BUILDING STANDARD
20. (E) DRINKING FOUNTAIN TO REMAIN.
21. CONTRACTOR TO PRICE INFILL COMPOSITE DECK AND STRUCTURAL SUPPORT AT EXISTING SHAFT AS ALTERNATE #1. REFERENCE STRUCTURAL SHEETS FOR SPECIFICATION AND DETAIL
22. REF MEP DRAWING FOR (E) EQUIPMENT DEMO PLAN, AND (N) MECHANICAL EQUIPMENT LOCATION.
23. REF. SHEET A073 FOR TYPICAL ROOFING DETAILS
24. INSTALL (N) MECHANICAL VENT LOUVER @ EXISTING OPENING. CONTRACTOR TO FIELD VERIFY EXACT OPENING DIMENSION. REF 1/A632
25. PROVIDE (N) METAL SCUPPER/DOWNSPOUT. SEE DETAILS 4/A073 AND 5/A073
26. RE-PATCH (E) ROOFING AS REQUIRED. REF MEP DRAWING FOR INFORMATION
27. (N) EXHAUST FAN. REF MEP DRAWING
28. INSTALL (N) ROOF DRAIN REF PLUMBING DWG FOR DETAIL
29. PROVIDE (N) TOPPED WITH POURABLE SEALANT ON (E) PITCH PAN
30. CUT OPEN BLISTER AROUND MECHANICAL ROOF TO RELEASE MOISTURE, THEN INSTALL TORCH-APPLIED MINERAL SURFACE CAP SHEET, AS REQUIRED
31. INSTALL (N) TORCHED APPLIED MINERAL SURFACE CAP SHEET AS BASE FLASHING THEN INSTALL (N) METAL BASE FLASHING ON TOP OF NEW MATERIAL
32. INSTALL NEW BASE.
33. INSTALL NEW CARPET
34. PATCH/REPAIR WALL DEFECTS AND PREPARE WALL FOR PAINT
35. REINSTALL EXISTING PARTITION
36. ADD NEW VISION PANEL AT SINK. PATCH WALL AS REQUIRED. SEE DETAIL 2/A080
37. INSTALL (N) SPLASH BLOCK AND SLIP SHEET
38. FIXED BOLLARD; SEE 18/A632
39. INSTALL RELOCATED (E) LADDER
40. TRIM BOTTOM OF EXISTING DOOR ±6" TO ALLOW 8" OF SURFACE FOR ROOFING MEMBRANE. THEN PROVIDE CLOSER STRIP AT BOTTOM OF DOOR. REFERENCE DETAIL 3/A074 FOR DETAIL AND COORDINATE WITH MECHANICAL DRAWING FOR DUCT CLEARANCE
41. SEAL ALL EXISTING CRACKS, AND PENETRATION AT EXISTING CONCRETE DEPRESS FLOOR
42. ENLARGE EXISTING OPENING TO INSTALL NEW MECHANICAL LOUVER REF 17/A632 FOR DETAIL
43. (E) ROOF DRAIN W/ (N) STRAINER. SEE 1/A074 SIM.
44. (E) OVERFLOW SCUPPER TO REMAIN. BUILT-UP ROOF INSULATION SHALL NOT BE INSTALLED BETWEEN THE SCUPPER OPENING AND THE ADJACENT ROOF DRAIN.
45. ROOFTOP DUCTWORK SUPPORT; COORDINATE LOCATION TO NOT CONFLICT WITH SWING OF ACCESS DOORS ON AHU. REF DETAIL 4/A633 FOR ROOF SUPPORT DETAIL
46. PROVIDE THE SEALANT AROUND RATED STAIR
47. INSTALL RELOCATED RAISED ACCESS FLOOR PANEL AT LOCATIONS MISSING ACCESS PANEL
48. PATCH, REPAIR, SEAL & REFINISH EXISTING CONCRETE FLOOR IN AREAS DAMAGED BY REMODEL OF HVAC PAD & SUPPORT
49. PROVIDE (N) FIRE EXTINGUISHER AT EXISTING CABINET LOCATIONS
50. PATCH (E) DRY WALL, THEN PAINT ENTIRE WALL AREA AFFECTED BY STRUCTURAL BRACE UPGRADE, PER 6/A6.33 AND 5/A6.33
51. REFERENCE STRUCTURAL DRAWING FOR NEW BRACE LOCATION
52. PAINT (N) STRUCTURAL BASE COLOR TO MATCH ADJACENT WALL (PT-4)
53. WAREHOUSE RACK DESIGN, REFER TO WAREHOUSE SHEET FOR DETAIL.
54. CLEAN, PATCH & SEAL EXISTING CONCRETE FLOOR AS REQUIRED DUE TO NEW STRUCTURAL BRACE LOCATION CONCRETE SEAL TO MATCH EXISTING CONCRETE SEAL
55. REMOVE (E) DOOR, INSTALL (N) DOOR AT NEW LOCATION.
56. PATCH AND PAINT ALL WALL SURFACE AFFECTED BY ARCHITECTURE, MEP, AND TELECOM/DATA WORK IN RFP#2
57. REF. MEP, AND TELECOM FOR MODIFICATION TO RFP#2 WORK
58. PROVIDE RFT-2 FLOORING, RB-1 WALL BASE AND RUBBER TRANSITION STRIP
59. PROVIDE NEW CARPET IN ROOM, COLOR TO MATCH EXISTING CARPET ADJACENT
60. PROVIDE NEW DOOR AND DOOR HARDWARE.
61. PROVIDE 10 TO 14" WALL BRACKET FOR MANUAL PROJECTOR SCREEN
62. PATCH, AND PAINT DRYWALL AREA UNDERNEATH WINDOW FRAME INSTEAD OF FURRING ENTIRE THE WALL ON STRUCTURAL BRACING. REF DETAIL 6/A633 SILL DETAIL
63. PROVIDE PARTITION WALL OVER RAISED FLOORING REF. 5/A633
64. PAINT STRUCTURAL BRACE WITH HIGH PERFORMANCE PAINT. COLOR TO MATCH ADJACENT WALL
65. PROVIDE CPT-1 FLOORING, RB-1 WALL BASE AND RUBBER TRANSITION STRIP

CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

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BUILDING " O "
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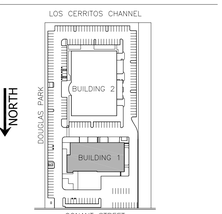

BUILDING 1 - FIRST FLOOR PLAN AND ENLARGED PLAN

COMM. NO. 3045-002-00
SCALE AS NOTED
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DRAWN AOHARE

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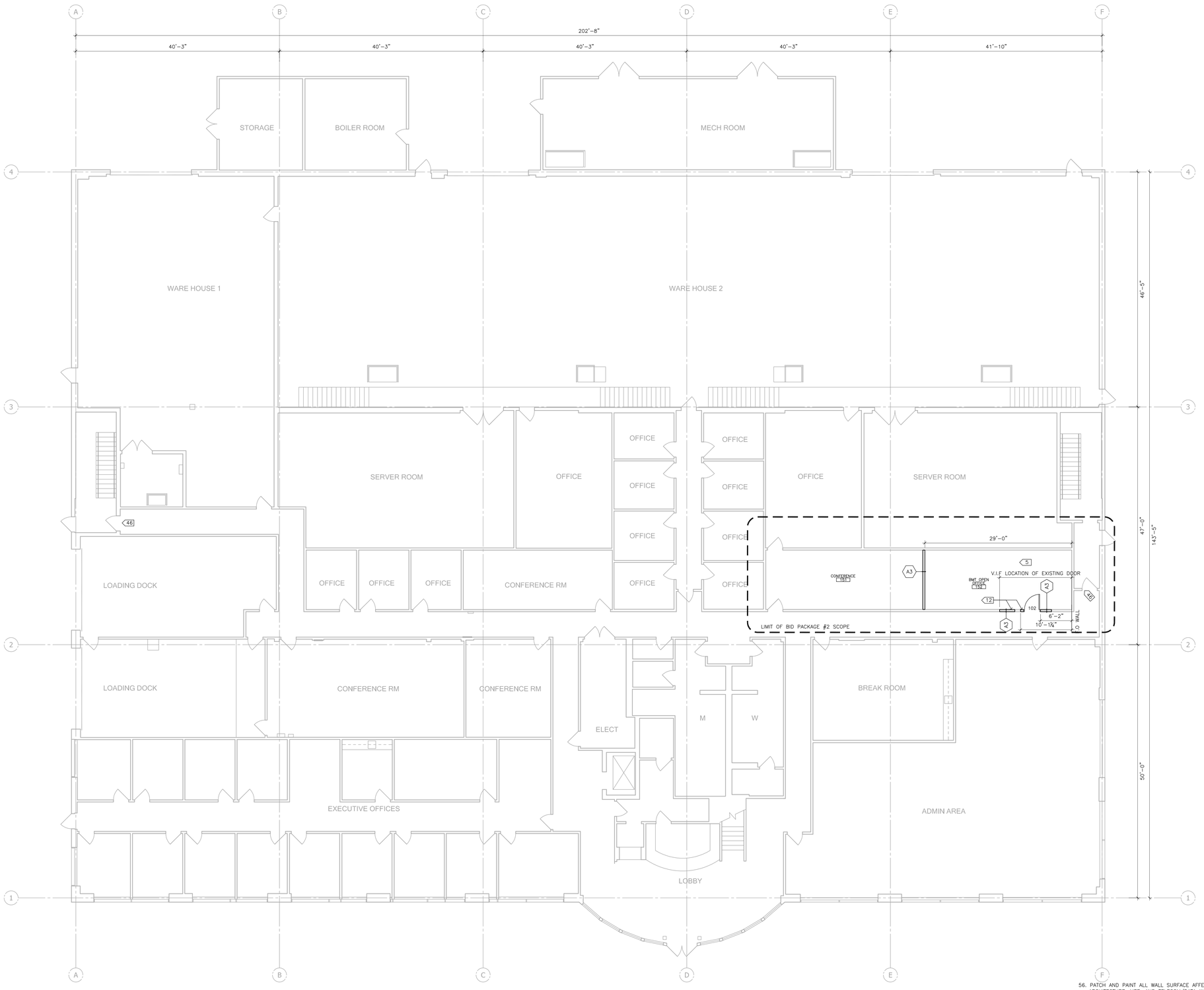

1 BUILDING 2 - FIRST FLOOR PLAN
1/8" = 1'-0"

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G. MATCH FINISHED WALL OR PARTITION THICKNESS WHERE NEW WALLS OR PARTITIONS OCCUR IN LINE WITH EXISTING WALLS.
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FLOOR PLAN AND ROOF PLAN KEYNOTES

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13. INSTALL (N) CERAMIC TILE FLOORING
14. INSTALL (N) JANITORIAL MOP SINK
15. INSTALL (N) 2 X 2 RAISED FLOORING, <ACFL-2> INCLUDE 10% AS VENTED TILES ENTIRE ROOM. PRICE ADDITIONAL 5% VENTED TILES AS EXTRA, AND THE ADDITIONAL SOLID TILES WILL HAVE 3"X8" CENTER-EDGE OPENINGS FOR CONDUIT/CABLE PENETRATIONS. PROVIDE BRUSH STRIPS AROUND THE OPENINGS. REF TELECOM / DATA DRAWING FOR LOCATION OF VENTED TILE. (N) FLOOR TO MATCH EXISTING FLOOR HEIGHT (18" – FIELD VERIFY)
16. PATCH, AND RESEAL EXISTING CONCRETE FLOORING DAMAGE BY REMOVAL OF MECHANICAL SUPPORT.
17. INSTALL NEW ROOFING <TPOT-1>
18. PROVIDE (N) INSULATION AND ROOFING AT DAMAGED ROOFING AREA, SEE 1/A073
19. PROVIDE (N) OUTLET COVER, TYPE, AND COLOR TO MATCH EXISTING BUILDING STANDARD
20. (E) DRINKING FOUNTAIN TO REMAIN.
21. CONTRACTOR TO PRICE INFILL COMPOSITE DECK AND STRUCTURAL SUPPORT AT EXISTING SHAFT AS ALTERNATE #1. REFERENCE STRUCTURAL SHEETS FOR SPECIFICATION AND DETAIL
22. REF MEP DRAWING FOR (E) EQUIPMENT DEMO PLAN, AND (N) MECHANICAL EQUIPMENT LOCATION.
23. REF. SHEET A073 FOR TYPICAL ROOFING DETAILS
24. INSTALL (N) MECHANICAL VENT LOUVER @ EXISTING OPENING. CONTRACTOR TO FIELD VERIFY EXACT OPENING DIMENSION. REF 1/A632
25. PROVIDE (N) METAL SCUPPER/DOWNSPOUT. SEE DETAILS 4/A073 AND 5/A073
26. RE-PATCH (E) ROOFING AS REQUIRED. REF MEP DRAWING FOR INFORMATION
27. (N) EXHAUST FAN. REF MEP DRAWING
28. INSTALL (N) ROOF DRAIN REF PLUMBING DWG FOR DETAIL
29. PROVIDE (N) TOPPED WITH POURABLE SEALANT ON (E) PITCH PAN
30. CUT OPEN BLISTER AROUND MECHANICAL ROOF TO RELEASE MOISTURE, THEN INSTALL TORCH-APPLIED MINERAL SURFACE CAP SHEET, AS REQUIRED
31. INSTALL (N) TORCHED APPLIED MINERAL SURFACE CAP SHEET AS BASE FLASHING THEN INSTALL (N) METAL BASE FLASHING ON TOP OF NEW MATERIAL
32. INSTALL NEW BASE
33. INSTALL NEW CARPET
34. PATCH/REPAIR WALL DEFECTS AND PREPARE WALL FOR PAINT
35. REINSTALL EXISTING PARTITION
36. ADD NEW VISION PANEL AT SINK. PATCH WALL AS REQUIRED. SEE DETAIL 2/A080
37. INSTALL (N) SPLASH BLOCK AND SLIP SHEET
38. FIXED BOLLARD; SEE 18/A632
39. INSTALL RELOCATED (E) LADDER
40. TRIM BOTTOM OF EXISTING DOOR ±6" TO ALLOW 8" OF SURFACE FOR ROOFING MEMBRANE. THEN PROVIDE CLOSER STRIP AT BOTTOM OF DOOR. REFERENCE DETAIL 3/A074 FOR DETAIL AND COORDINATE WITH MECHANICAL DRAWING FOR DUCT CLEARANCE
41. SEAL ALL EXISTING CRACKS, AND PENETRATION AT EXISTING CONCRETE DEPRESS FLOOR
42. ENLARGE EXISTING OPENING TO INSTALL NEW MECHANICAL LOUVER REF 17/A632 FOR DETAIL
43. (E) ROOF DRAIN W/ (N) STRAINER. SEE 1/A074 SIM.
44. (E) OVERFLOW SCUPPER TO REMAIN. BUILT-UP ROOF INSULATION SHALL NOT BE INSTALLED BETWEEN THE SCUPPER OPENING AND THE ADJACENT ROOF DRAIN.
45. ROOFTOP DUCTWORK SUPPORT; COORDINATE LOCATION TO NOT CONFLICT WITH SWING OF ACCESS DOORS ON AHU. REF DETAIL 4/A633 FOR ROOF SUPPORT DETAIL
46. PROVIDE THE SEALANT AROUND RATED STAIR
47. INSTALL RELOCATED RAISED ACCESS FLOOR PANEL AT LOCATIONS MISSING ACCESS PANEL
48. PATCH, REPAIR, SEAL & REFINISH EXISTING CONCRETE FLOOR IN AREAS DAMAGED BY REMODEL OF HVAC PAD & SUPPORT
49. PROVIDE (N) FIRE EXTINGUISHER AT EXISTING CABINET LOCATIONS
50. PATCH (E) DRY WALL, THEN PAINT ENTIRE WALL AREA AFFECTED BY STRUCTURAL BRACE UPGRADE. PER 6/A6.33 AND 5/A6.33
51. REFERENCE STRUCTURAL DRAWING FOR NEW BRACE LOCATION
52. PAINT (N) STRUCTURAL BASE COLOR TO MATCH ADJACENT WALL (PT-4)
53. WAREHOUSE RACK DESIGN, REFER TO WAREHOUSE SHEET FOR DETAIL.
54. CLEAN, PATCH & SEAL EXISTING CONCRETE FLOOR AS REQUIRED DUE TO NEW STRUCTURAL BRACE LOCATION CONCRETE SEAL TO MATCH EXISTING CONCRETE SEAL
55. REMOVE (E) DOOR; INSTALL (N) DOOR AT NEW LOCATION.
56. PATCH AND PAINT ALL WALL SURFACE AFFECTED BY ARCHITECTURE, MEP, AND TELECOM/DATA WORK IN RFP#2
57. REF. MEP, AND TELECOM FOR MODIFICATION TO RFP#2 WORK
58. PROVIDE RFT-2 FLOORING, RB-1 WALL BASE AND RUBBER TRANSITION STRIP
59. PROVIDE NEW CARPET IN ROOM, COLOR TO MATCH EXISTING CARPET ADJACENT
60. PROVIDE NEW DOOR AND DOOR HARDWARE.
61. PROVIDE 10 TO 14" WALL BRACKET FOR MANUAL PROJECTOR SCREEN
62. PATCH, AND PAINT DRYWALL AREA UNDERNEATH WINDOW FRAME INSTEAD OF FURRING ENTIRE THE WALL ON STRUCTURAL BRACING. REF DETAIL 6/A633 SILL DETAIL
63. PROVIDE PARTITION WALL OVER RAISED FLOORING REF. 5/A633
64. PAINT STRUCTURAL BRACE WITH HIGH PERFORMANCE PAINT. COLOR TO MATCH ADJACENT WALL
65. PROVIDE CPT-1 FLOORING, RB-1 WALL BASE AND RUBBER TRANSITION STRIP

CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

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HGA.
Architecture | Engineering | Planning
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1880 Century Park East - Suite 608
Los Angeles, California USA 90067
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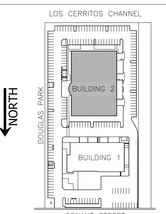
MECHANICAL / ELECTRICAL / PLUMBING M-E Engineers	(310) 842-8700
DATA / TELECOM Vantage Technology Consulting Group	(310) 536-7676
SECURITY Schirmer Engineering	(310) 782-0850

SIGNATURE BLOCK

08.08.2011- RECORD DRAWING

REVISION HISTORY - THIS SHEET

KEY PLAN



BUILDING 2 -
FIRST FLOOR PLAN

COMM. NO.	3045-002-00
SCALE	1/8"
DATE	August 8, 2011
DRAWN	AOHARE

RECORD DRAWING

A201B

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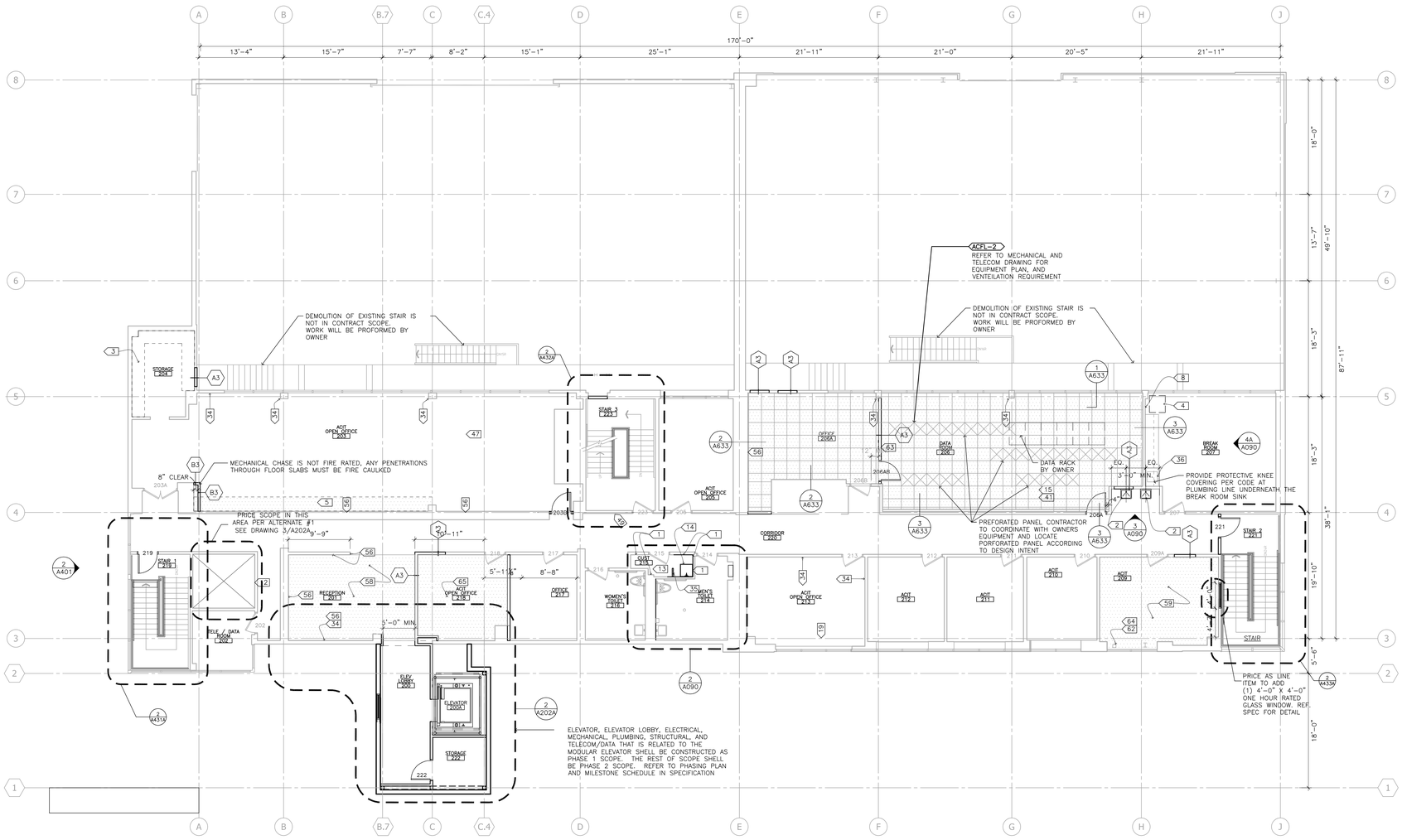
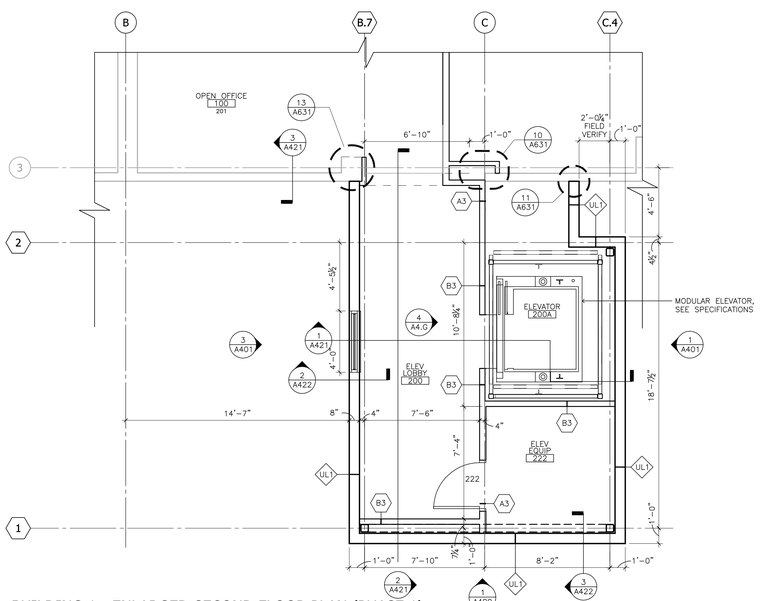
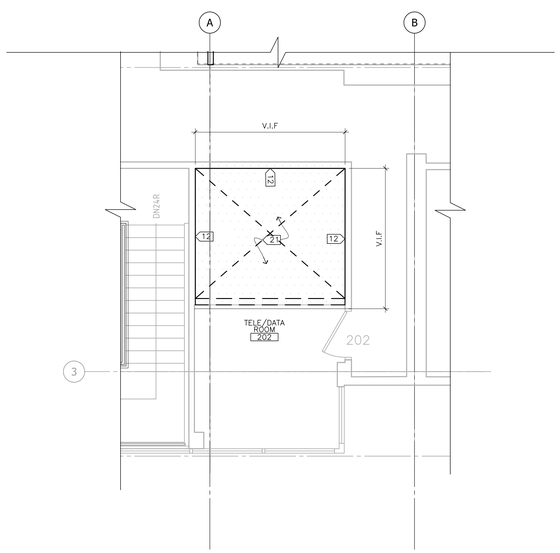


1 BUILDING 1 - SECOND FLOOR PLAN
1/8" = 1'-0"



2 BUILDING 1 - ENLARGED SECOND FLOOR PLAN (PHASE 1)
1/4" = 1'-0"



3 BUILDING 1 - ENLARGED SECOND FLOOR PLAN AREA PRICE AS ALTERNATE
1/4" = 1'-0"

FLOOR PLAN AND ROOF PLAN GENERAL NOTES

A. VERIFY DIMENSIONS, CONDITIONS & FINISHES BEFORE PRICING &/OR PROCEEDING WITH WORK. DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.
B. ALL INTERIOR PARTITIONS SHALL BE "A3", UNO. SEE SHEET A060 FOR TYPICAL INTERIOR WALL TYPES.
C. ALL PIPING, CONDUITS AND RELATED MECHANICAL AND ELECTRICAL ITEMS SHALL BE CONCEALED WITHIN DRYWALL FURRING AS REQUIRED IN FINISHED AREAS WHETHER SHOWN ON DRAWINGS OR NOT, UNO.
D. PROVIDE METAL PLATE BACKING IN WALLS WHERE WALL-MOUNTED EQUIPMENT IS SHOWN ON PLANS OR ELEVATIONS. VERIFY HEIGHT AND LENGTH WITH ACTUAL EQUIPMENT.
E. VERIFY EXISTING DIMENSIONS, CONDITIONS AND FINISHES BEFORE PRICING AND/OR PROCEEDING WITH WORK. DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.
F. ALL DIMENSIONS ARE CLEAR FROM THE FACE OF FINISHED WALL/PARTITION TO FACE OF FINISHED WALL/PARTITION OR FACE OF EXISTING WALLS. SEE PARTITION TYPES FOR ACTUAL THICKNESS OF PARTITIONS. MASONRY WALLS ARE DIMENSIONED TO NOMINAL FACE.
G. MATCH FINISHED WALL OR PARTITION THICKNESS WHERE NEW WALLS OR PARTITIONS OCCUR IN LINE WITH EXISTING WALLS.
H. PATCH ALL HOLES IN EXISTING SURFACES WHERE EQUIPMENT HAS BEEN REMOVED OR DEMOLITION HAS OCCURRED. PREPARE SURFACES AS REQUIRED FOR NEW FINISHES. PATCH TO MATCH ADJACENT SURFACE IF NOT SCHEDULED.
I. ALL EXISTING FLOOR OPENINGS AND DEPRESSIONS IN THE WORK SHALL BE FILLED OR CLOSED, UNO, WITH MATERIALS TO MATCH ADJACENT SURFACES, FINISHES AND FIRE RATINGS.
J. SEE 1/A012 FOR MATERIAL IDENTIFICATION CODES.
K. DOOR SIGNAGE PROVIDED AND INSTALLED BY OWNER.
L. ALL FREESTANDING FURNITURE TO BE PROVIDED AND INSTALLED BY OWNER, SHOWN DASHED.
M. REFER TO DETAILS 7/A080, 8/A080, AND 9/A090 FOR DETAIL OF DOOR JAMBS AT ABUTTING WALLS OR PARTITIONS.
N. ALL MECHANICAL EQUIPMENT PADS TO BE 4" HIGH UNLESS OTHERWISE NOTED. LENGTH AND WIDTH OF PADS TO BE VERIFIED BY CONTRACTOR.
O. SEE SHEET A0B0 FOR ROOM FINISH AND OPENING SCHEDULES.
P. PATCH WALLS WHERE CONNECTIONS OF ELECTRICAL AND OR DATA/COMMUNICATION OUTLETS ARE BEING REMOVED.
Q. SEE SHEETS A065 AND A067 FOR TYPICAL CEILING DETAILS.
R. PROVIDE NEW OUTLET COVER FOR LOCATIONS IF MISSING COVER, TYPICAL
S. BASE BID TO REMOVE ALL (E) WALL COVERING ON ALL WALLS AS PREP, AND PATCH ALL WALL SURFACE DAMAGE DURNING DEMOLITION. THEN PAINT ALL WALL WITH PAINT <PT-1 > REFERENCE SPECIFICATION FOR PARAMETER. ALTERNATE- PRICE ALL WALL WITH WALL COVERING INTACT, CLEAN UP THE SURFACE THOROUGHLY, PATCH HOLES, SAND THE SEEMS SMOOTH, TEAR AND SAND AWAY LOOSE STRIPS AND LASTLY RE-PASTE LOOSE EDGES, AND THEN PAINT OVER THE WALL COVERING WITH PAINT (PT-1). AS ALTERNATE. REFERENCE SPECIFICATION FOR PARAMETER.
T. REF SHEETS A021A, A021B, A022A AND A0.63 FOR LIFE SAFETY PLANS INCLUDING WALL FIRE RATING LOCATION, AND HEAD AND SILL DETAILS
U. ALL INTERIOR PARTITIONS AND DRYWALL CEILING SHALL BE PAINTED AS <PT-1 > UNO.
V. PROVIDE ALL NEW FIRE EXTINGUISHER AT EXISTING CABINET LOCATION. CONTRACTOR TO VERIFY LOCATION & TYPE
W. PROVIDE (N) WALL BASE THROUGHOUT BUILDING AT LOCATIONS MISSING WALL BASE, COLOR & TYPE TO MATCH EXISTING

FLOOR PLAN AND ROOF PLAN KEYNOTES

1. REPAIR/REPLACE EXISTING GYPSUM BOARD AS REQUIRED AND INSTALL 8'0" HEIGHT <FRP-1> WAINSCOTING. REF 2/A090 FOR PANEL WIDTH
2. INSTALL (N) DRINKING FOUNTAIN. SEE DETAIL 5/A090 FOR MOUNTING HEIGHT.
3. SHELVING, OWNER FURNISHED OWNER INSTALLED.
4. REFRIGERATOR, OWNER FURNISHED, OWNER INSTALLED.
5. INFILL FLOOR WITH MATCHING FLOOR TILE, AS REQUIRED, WHERE WALL HAS BEEN DEMOLISHED.
6. INSTALL NEW MATCHING CARPET, AS REQUIRED, WHERE WALL(S) OR OTHER COMPONENT HAVE BEEN DEMOLISHED.
7. INFILL EXISTING TRENCHES WITH STYROFOAM, CONCRETE SLAB, AND PREP FOR FINISH FLOORING. REF STRUCTURAL SHEETS FOR INFORMATION.
8. AT AREA MISSING WALL BASE INSTALL NEW RUBBER WALL BASE TYPE AND COLOR TO MATCH ADJACENT BASE MATERIAL
9. PROVIDE (N) 27" HIGH GUARDRAIL WHERE VERTICAL CLEARANCE IS BELOW 80". SEE 12/A632.
10. INSTALL (N) MATCHING VCT FLOORING, AS REQUIRED, WHERE WALL(S) OR OTHER COMPONENT HAVE BEEN DEMOLISHED.
11. PATCH, REPAIR, AND INFILL SCREW HOLES DAMAGE BY REMOVAL OF CARD READER, BUILDING WALL SIGNAGE, HVAC DUCT, HVAC EQUIPMENT OR LIGHTING FIXTURE.
12. PATCH REPAIR, AND PAINT WALL(S) AS REQUIRED OR OTHER COMPONENT(S) THAT HAVE BEEN DEMOLISHED.
13. INSTALL (N) CERAMIC TILE FLOORING
14. INSTALL (N) JANITORIAL MOP SINK
15. INSTALL (N) 2 X 2 RAISED FLOORING, <ACFL-2> INCLUDE 10% AS VENTED TILES ENTIRE ROOM. PRICE ADDITIONAL 5% VENTED TILES AS EXTRA, AND THE ADDITIONAL SOLID TILES WILL HAVE 3"X8" CENTER-EDGE OPENINGS FOR CONDUIT/CABLE PENETRATIONS. PROVIDE BRUSH STRIPS AROUND THE OPENINGS. REF TELECOM / DATA DRAWING FOR LOCATION OF VENTED TILE. (N) FLOOR TO MATCH EXISTING FLOOR HEIGHT (18" – FIELD VERIFY)
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17. INSTALL NEW ROOFING <TPOT-1>
18. PROVIDE (N) INSULATION AND ROOFING AT DAMAGED ROOFING AREA, SEE 1/A073
19. PROVIDE (N) OUTLET COVER, TYPE, AND COLOR TO MATCH EXISTING BUILDING STANDARD
20. (E) DRINKING FOUNTAIN TO REMAIN.
21. CONTRACTOR TO PRICE INFILL COMPOSITE DECK AND STRUCTURAL SUPPORT AT EXISTING SHAFT AS ALTERNATE #1 REFERENCE STRUCTURAL SHEETS FOR SPECIFICATION AND DETAIL
22. REF MEP DRAWING FOR (E) EQUIPMENT DEMO PLAN, AND (N) MECHANICAL EQUIPMENT LOCATION.
23. REF. SHEET A073 FOR TYPICAL ROOFING DETAILS
24. INSTALL (N) MECHANICAL VENT LOUVER @ EXISTING OPENING. CONTRACTOR TO FIELD VERIFY EXACT OPENING DIMENSION. REF 1/A632
25. PROVIDE (N) METAL SCUPPER/DOWNSPOUT. SEE DETAILS 4/A073 AND 5/A073
26. RE-PATCH (E) ROOFING AS REQUIRED. REF MEP DRAWING FOR INFORMATION
27. (N) EXHAUST FAN. REF MEP DRAWING
28. INSTALL (N) ROOF DRAIN REF PLUMBING DWG FOR DETAIL
29. PROVIDE (N) TOPPED WITH POURABLE SEALANT ON (E) PITCH PAN
30. CUT OPEN BLISTER AROUND MECHANICAL ROOF TO RELEASE MOISTURE. THEN INSTALL TORCH-APPLIED MINERAL SURFACE CAP SHEET. AS REQUIRED
31. INSTALL (N) TORCHED APPLIED MINERAL SURFACE CAP SHEET AS BASE FLASHING THEN INSTALL (N) METAL BASE FLASHING ON TOP OF NEW MATERIAL
32. INSTALL NEW BASE
33. INSTALL NEW CARPET
34. PATCH/REPAIR WALL DEFECTS AND PREPARE WALL FOR PAINT
35. REINSTALL EXISTING PARTITION
36. ADD NEW VISION PANEL AT SINK. PATCH WALL AS REQUIRED. SEE DETAIL 2/A080
37. INSTALL (N) SPLASH BLOCK AND SLIP SHEET
38. FIXED BOLLARD; SEE 18/A632
39. INSTALL RELOCATED (E) LADDER
40. TRIM BOTTOM OF EXISTING DOOR ±6" TO ALLOW 8" OF SURFACE FOR ROOFING MEMBRANE. THEN PROVIDE CLOSER STRIP AT BOTTOM OF DOOR. REFERENCE DETAIL 3/A074 FOR DETAIL AND COORDINATE WITH MECHANICAL DRAWING FOR DUCT CLEARANCE
41. SEAL ALL EXISTING CRACKS, AND PENETRATION AT EXISTING CONCRETE DEPRESS FLOOR
42. ENLARGE EXISTING OPENING TO INSTALL NEW MECHANICAL LOUVER REF 17/A632 FOR DETAIL
43. (E) ROOF DRAIN W/ (N) STRAINER. SEE 1/A074 SIM.
44. (E) OVERFLOW SCUPPER TO REMAIN. BUILT-UP ROOF INSULATION SHALL NOT BE INSTALLED BETWEEN THE SCUPPER OPENING AND THE ADJACENT ROOF DRAIN.
45. ROOFTOP DUCTWORK SUPPORT; COORDINATE LOCATION TO NOT CONFLICT WITH SWING OF ACCESS DOORS ON AHU. REF DETAIL 4/A633 FOR ROOF SUPPORT DETAIL
46. PROVIDE THE SEALANT AROUND RATED STAIR
47. INSTALL RELOCATED RAISED ACCESS FLOOR PANEL AT LOCATIONS MISSING ACCESS PANEL
48. PATCH, REPAIR, SEAL & REFINISH EXISTING CONCRETE FLOOR IN AREAS DAMAGED BY REMODEL OF HVAC PAD & SUPPORT
49. PROVIDE (N) FIRE EXTINGUISHER AT EXISTING CABINET LOCATIONS
50. PATCH (E) DRY WALL, THEN PAINT ENTIRE WALL AREA AFFECTED BY STRUCTURAL BRACE UPGRADE. PER 6/A6.33 AND 5/A6.33
51. REFERENCE STRUCTURAL DRAWING FOR NEW BRACE LOCATION
52. PAINT (N) STRUCTURAL BASE COLOR TO MATCH ADJACENT WALL (PT-4)
53. WAREHOUSE RACK DESIGN, REFER TO WAREHOUSE SHEET FOR DETAIL
54. CLEAN, PATCH & SEAL EXISTING CONCRETE FLOOR AS REQUIRED DUE TO NEW STRUCTURAL BRACE LOCATION CONCRETE SEAL TO MATCH EXISTING CONCRETE SEAL
55. REMOVE (E) DOOR, INSTALL (N) DOOR AT NEW LOCATION.
56. PATCH AND PAINT ALL WALL SURFACE AFFECTED BY ARCHITECTURE, MEP, AND TELECOM/DATA WORK IN RFP#2
57. REF. MEP, AND TELECOM FOR MODIFICATION TO RFP#2 WORK
58. PROVIDE RFT-2 FLOORING, RB-1 WALL BASE AND RUBBER TRANSITION STRIP
59. PROVIDE NEW CARPET IN ROOM, COLOR TO MATCH EXISTING CARPET ADJACENT
60. PROVIDE NEW DOOR AND DOOR HARDWARE.
61. PROVIDE 10 TO 14" WALL BRACKET FOR MANUAL PROJECTOR SCREEN
62. PATCH, AND PAINT DRYWALL AREA UNDERNEATH WINDOW FRAME INSTEAD OF FURRING ENTIRE THE WALL ON STRUCTURAL BRACING. REF DETAIL 6/A633 SILL DETAIL
63. PROVIDE PARTITION WALL OVER RAISED FLOORING REF. 5/A633
64. PAINT STRUCTURAL BRACE WITH HIGH PERFORMANCE PAINT. COLOR TO MATCH ADJACENT WALL
65. PROVIDE CPT-1 FLOORING, RB-1 WALL BASE AND RUBBER TRANSITION STRIP

CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

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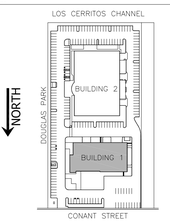
SIGNATURE BLOCK

08.16.2011- RECORD DRAWING

REVISION HISTORY - THIS SHEET

KEY PLAN



BUILDING 1 - SECOND FLOOR PLAN AND ENLARGED FLOOR PLANS

COMM. NO. 3045-002-00
SCALE AS NOTED
DATE August 16, 2011
DRAWN AOHARE

RECORD DRAWING

A202A

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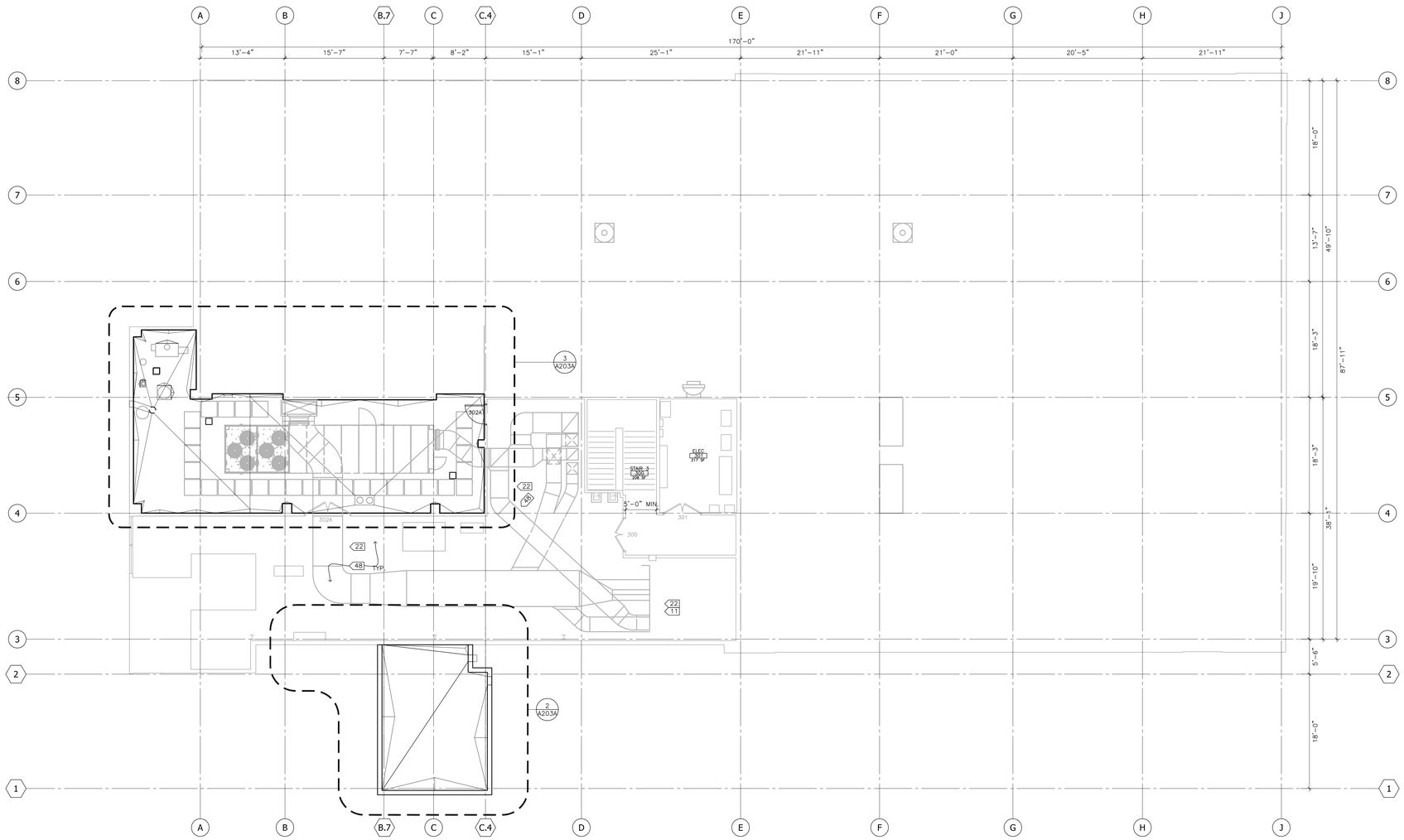
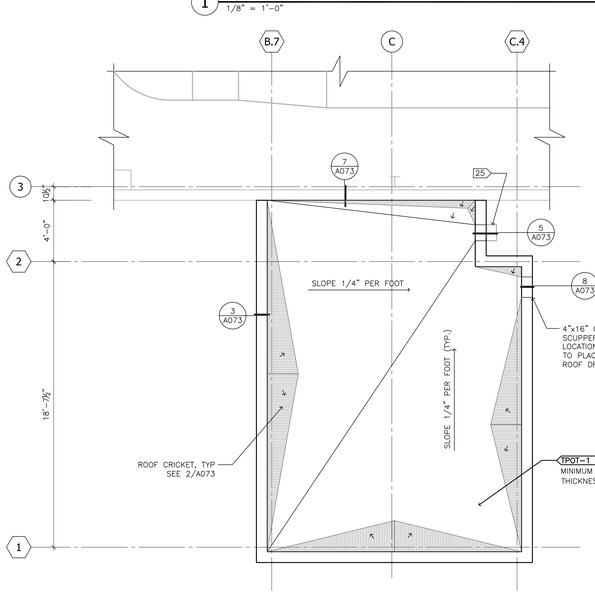
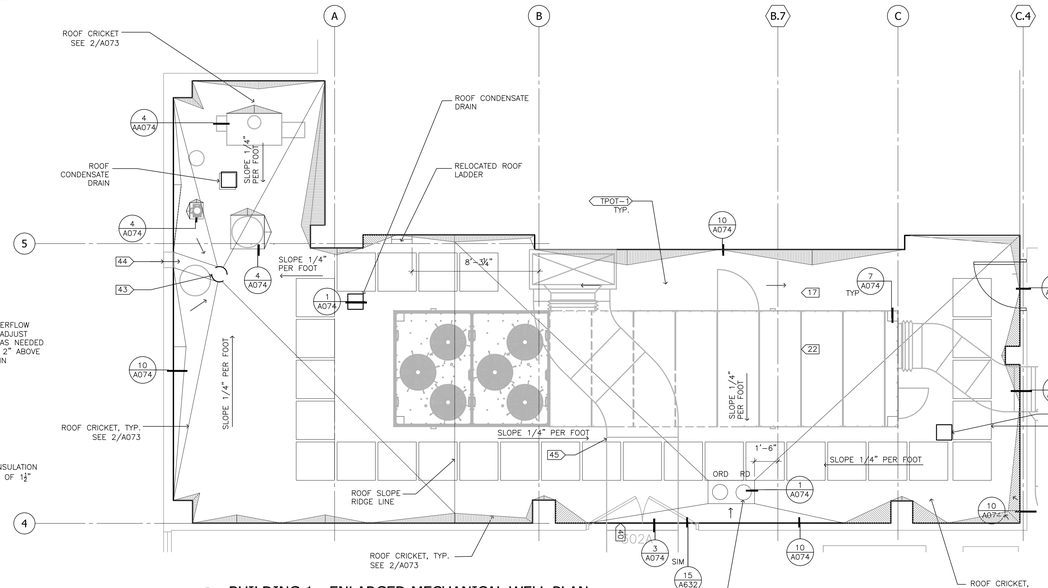


1 BUILDING 1 - THIRD FLOOR PLAN
1/8" = 1'-0"



2 BUILDING 1 - ENLARGED ELEVATOR TOWER ROOF PLAN
1/4" = 1'-0"



3 BUILDING 1 - ENLARGED MECHANICAL WELL PLAN
1/4" = 1'-0"

FLOOR PLAN AND ROOF PLAN GENERAL NOTES

A. VERIFY DIMENSIONS, CONDITIONS & FINISHES BEFORE PRICING &/OR PROCEEDING WITH WORK. DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.
B. ALL INTERIOR PARTITIONS SHALL BE "A3", UNO, SEE SHEET A060 FOR TYPICAL INTERIOR WALL TYPES.
C. ALL PIPING, CONDUITS AND RELATED MECHANICAL AND ELECTRICAL ITEMS SHALL BE CONCEALED WITHIN DRYWALL FURRING AS REQUIRED IN FINISHED AREAS WHETHER SHOWN ON DRAWINGS OR NOT, UNO.
D. PROVIDE METAL PLATE BACKING IN WALLS WHERE WALL-MOUNTED EQUIPMENT IS SHOWN ON PLANS OR ELEVATIONS. VERIFY HEIGHT AND LENGTH WITH ACTUAL EQUIPMENT.
E. VERIFY EXISTING DIMENSIONS, CONDITIONS AND FINISHES BEFORE PRICING AND/OR PROCEEDING WITH WORK. DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.
F. ALL DIMENSIONS ARE CLEAR FROM THE FACE OF FINISHED WALL/PARTITION TO FACE OF FINISHED WALL/PARTITION OR FACE OF EXISTING WALLS. SEE PARTITION TYPES FOR ACTUAL THICKNESS OF PARTITIONS. MASONRY WALLS ARE DIMENSIONED TO NOMINAL FACES.
G. MATCH FINISHED WALL OR PARTITION THICKNESS WHERE NEW WALLS OR PARTITIONS OCCUR IN LINE WITH EXISTING WALLS.
H. PATCH ALL HOLES IN EXISTING SURFACES WHERE EQUIPMENT HAS BEEN REMOVED OR DEMOLITION HAS OCCURRED. PREPARE SURFACES AS REQUIRED FOR NEW FINISHES. PATCH TO MATCH ADJACENT SURFACES IF NOT SCHEDULED.
I. ALL EXISTING FLOOR OPENINGS AND DEPRESSIONS IN THE WORK SHALL BE FILLED OR CLOSED, UNO, WITH MATERIALS TO MATCH ADJACENT SURFACES, FINISHES AND FIRE RATINGS.
J. SEE 1/A012 FOR MATERIAL IDENTIFICATION CODES.
K. DOOR SIGNAGE PROVIDED AND INSTALLED BY OWNER.
L. ALL FREESTANDING FURNITURE TO BE PROVIDED AND INSTALLED BY OWNER, SHOWN DASHED.
M. REFER TO DETAILS 7/A080, 8/A080, AND 9/A090 FOR DETAIL OF DOOR JAMBS AT ABUTTING WALLS OR PARTITIONS.
N. ALL MECHANICAL EQUIPMENT PADS TO BE 4" HIGH UNLESS OTHERWISE NOTED. LENGTH AND WIDTH OF PADS TO BE VERIFIED BY CONTRACTOR.
O. SEE SHEET A080 FOR ROOM FINISH AND OPENING SCHEDULES.
P. PATCH WALLS WHERE CONNECTIONS OF ELECTRICAL AND OR DATA/COMMUNICATION OUTLETS ARE BEING REMOVED
Q. SEE SHEETS A065 AND A067 FOR TYPICAL CEILING DETAILS.
R. PROVIDE NEW OUTLET COVER FOR LOCATIONS IF MISSING COVER, TYPICAL
S. BASE BID TO REMOVE ALL (E) WALL COVERING ON ALL WALLS AS PREP, AND PATCH ALL WALL SURFACE DAMAGE DURNING DEMOLITION. THEN PAINT ALL WALLS WITH PAINT <PT-1 > REFERENCE SPECIFICATION FOR PARAMETER. ALTERNATE- PRICE ALL WALL WITH WALL COVERING INTACT, CLEAN UP THE SURFACE THOROUGHLY, PATCH HOLES, SAND THE SEEMS SMOOTH, TEAR AND SAND AWAY LOOSE STRIPS AND LASTLY RE-PASTE LOOSE EDGES, AND THEN PAINT OVER THE WALL COVERING WITH PAINT (PT-1) AS ALTERNATE, REFERENCE SPECIFICATION FOR PARAMETER.
T. REF SHEETS A021A, A021B, A022A AND A0.63 FOR LIFE SAFETY PLANS INCLUDING WALL FIRE RATING LOCATIONS AND HEAD AND SILL DETAILS
U. ALL INTERIOR PARTITIONS AND DRYWALL CEILING SHALL BE PAINTED AS <PT-1 > UNO.
V. PROVIDE ALL NEW FIRE EXTINGUISHER AT EXISTING CABINET LOCATION. CONTRACTOR TO VERIFY LOCATION AND TYPE
W. PROVIDE (N) WALL BASE THROUGHOUT BUILDING AT LOCATIONS MISSING WALL BASE, COLOR & TYPE TO MATCH EXISTING

FLOOR PLAN AND ROOF PLAN KEYNOTES

1. REPAIR/REPLACE EXISTING GYPSUM BOARD AS REQUIRED AND INSTALL 8"0" HEIGHT <FRP-1> WAINSCOTING. REF 2/A090 FOR PANEL WIDTH
2. INSTALL (N) DRINKING FOUNTAIN. SEE DETAIL 5/A090 FOR MOUNTING HEIGHT.
3. SHELVING, OWNER FURNISHED OWNER INSTALLED.
4. REFRIGERATOR, OWNER FURNISHED, OWNER INSTALLED
5. INFILL FLOOR WITH MATCHING FLOOR TILE, AS REQUIRED, WHERE WALL HAS BEEN DEMOLISHED.
6. INSTALL NEW MATCHING CARPET, AS REQUIRED, WHERE WALL(S) OR OTHER COMPONENT HAVE BEEN DEMOLISHED.
7. INFILL EXISTING TRENCHES WITH STYROFOAM, CONCRETE SLAB, AND PREP FOR FINISH FLOORING. REF STRUCTURAL SHEETS FOR INFORMATION.
8. AT AREA MISSING WALL BASE INSTALL NEW RUBBER WALL BASE TYPE AND COLOR TO MATCH ADJACENT BASE MATERIAL
9. PROVIDE (N) 27" HIGH GUARDRAIL WHERE VERTICAL CLEARANCE IS BELOW 80". SEE 12/A632.
10. INSTALL (N) MATCHING VCT FLOORING, AS REQUIRED, WHERE WALL(S) OR OTHER COMPONENT HAVE BEEN DEMOLISHED.
11. PATCH, REPAIR, AND INFILL SCREW HOLES DAMAGE FROM REMOVAL OF CARD READER, BUILDING WALL SIGNAGE, HVAC DUCT, HVAC EQUIPMENT OR LIGHTING FIXTURE
12. PATCH REPAIR, AND PAINT WALL(S) AS REQUIRED OF OTHER COMPONENT(S) THAT HAVE BEEN DEMOLISHED.
13. INSTALL (N) CERAMIC TILE FLOORING
14. INSTALL (N) JANITORIAL MOP SINK
15. INSTALL (N) 2 X 2 RAISED FLOORING, <ACFL-2> INCLUDE 10% AS VENTED TILES ENTIRE ROOM. PRICE ADDITIONAL 5% VENTED TILES AS EXTRA, AND THE ADDITIONAL SOLID TILES WILL HAVE 3"X8" CENTER-ED OPENINGS FOR CONDUIT/CABLE PENETRATIONS. PROVIDE BRUSH STRIPS AROUND THE OPENINGS. REF TELECOM / DATA DRAWING FOR LOCATION OF VENTED TILE. (FLOOR TO MATCH EXISTING FLOOR HEIGHT (18" – FIELD VERIFY)
16. PATCH, AND RESEAL EXISTING CONCRETE FLOORING DAMAGE BY REMOVAL OF MECHANICAL SUPPORT.
17. INSTALL NEW ROOFING <TPOT-1>
18. PROVIDE (N) INSULATION AND ROOFING AT DAMAGED ROOFING AREA, SEE 1/A073
19. PROVIDE (N) OUTLET COVER, TYPE, AND COLOR TO MATCH EXISTING BUILDING STANDARD
20. (E) DRINKING FOUNTAIN TO REMAIN.
21. CONTRACTOR TO PRICE INFILL COMPOSITE DECK AND STRUCTURAL SUPPORT AT EXISTING SHAFT AS ALTERNATE #1. REFERENCE STRUCTURAL SHEETS FOR SPECIFICATION AND DETAIL
22. REF MEP DRAWING FOR (E) EQUIPMENT DEMO PLAN, AND (N) MECHANICAL EQUIPMENT LOCATION.
23. REF. SHEET A073 FOR TYPICAL ROOFING DETAILS
24. INSTALL (N) MECHANICAL VENT LOUVER @ EXISTING OPENING. CONTRACTOR TO FIELD VERIFY EXACT OPENING DIMENSION. REF 1/A632
25. PROVIDE (N) METAL SCUPPER/DOWNSPOUT. SEE DETAILS 4/A073 AND 5/A073
26. RE-PATCH (E) ROOFING AS REQUIRED. REF MEP DRAWING FOR INFORMATION
27. (N) EXHAUST FAN. REF MEP DRAWING
28. INSTALL (N) ROOF DRAIN REF PLUMBING DWG FOR DETAIL
29. PROVIDE (N) TOPPED WITH POURABLE SEALANT ON (E) PITCH PAN
30. CUT OPEN BLISTER AROUND MECHANICAL ROOF TO RELEASE MOISTURE, THEN INSTALL TORCH-APPLIED MINERAL SURFACE CAP SHEET, AS REQUIRED
31. INSTALL (N) TORCHED APPLIED MINERAL SURFACE CAP SHEET AS BASE FLASHING THEN INSTALL (N) METAL BASE FLASHING ON TOP OF NEW MATERIAL
32. INSTALL NEW BASE
33. INSTALL NEW CARPET
34. PATCH/REPAIR WALL DEFECTS AND PREPARE WALL FOR PAINT
35. REINSTALL EXISTING PARTITION
36. ADD NEW VISION PANEL AT SINK. PATCH WALL AS REQUIRED. SEE DETAIL 2/A080
37. INSTALL (N) SPLASH BLOCK AND SLIP SHEET
38. FIXED BOLLARD; SEE 18/A632
39. INSTALL RELOCATED (E) LADDER
40. TRIM BOTTOM OF EXISTING DOOR ±6" TO ALLOW 8" SURFACE FOR ROOFING MEMBRANE. THEN PROVIDE CLOSER STRIP AT BOTTOM OF DOOR. REFERENCE DETAIL 3/A074 FOR DETAIL AND COORDINATE WITH MECHANICAL DRAWING FOR DUCT CLEARANCE
41. SEAL ALL EXISTING CRACKS, AND PENETRATION AT EXISTING CONCRETE DEPRESS FLOOR
42. ENLARGE EXISTING OPENING TO INSTALL NEW MECHANICAL LOUVER REF 17/A632 FOR DETAIL
43. (E) ROOF DRAIN W/ (N) STRAINER. SEE 1/A074 SIM.
44. (E) OVERFLOW SCUPPER TO REMAIN. BUILT-UP ROOF INSULATION SHALL NOT BE INSTALLED BETWEEN THE SCUPPER OPENING AND THE ADJACENT ROOF DRAIN.
45. ROOFTOP DUCTWORK SUPPORT; COORDINATE LOCATION TO NOT CONFLICT WITH SWING OF ACCESS DOORS OF AHU. REF DETAIL 4/A633 FOR ROOF SUPPORT DETAIL
46. PROVIDE THE SEALANT AROUND RATED STAIR
47. INSTALL RELOCATED RAISED ACCESS FLOOR PANEL AT LOCATIONS MISSING ACCESS PANEL
48. PATCH, REPAIR, SEAL & REFINISH EXISTING CONCRETE FLOOR IN AREAS DAMAGED BY REMODEL OF HVAC PAD & SUPPORT
49. PROVIDE (N) FIRE EXTINGUISHER AT EXISTING CABINET LOCATIONS
50. PATCH (E) DRY WALL, THEN PAINT ENTIRE WALL AREA AFFECTED BY STRUCTURAL BRACE UPGRADE. PER 6/A6.33 AND 5/A6.33
51. REFERENCE STRUCTURAL DRAWING FOR NEW BRACE LOCATION
52. PAINT (N) STRUCTURAL BASE COLOR TO MATCH ADJACENT WALL (PT-4)
53. WAREHOUSE RACK DESIGN, REFER TO WAREHOUSE SHEET FOR DETAIL.
54. CLEAN, PATCH & SEAL EXISTING CONCRETE FLOOR AS REQUIRED DUE TO NEW STRUCTURAL BRACE LOCATION. CONCRETE SEAL TO MATCH EXISTING CONCRETE SEAL
55. REMOVE (E) DOOR, INSTALL (N) DOOR AT NEW LOCATION.
56. PATCH AND PAINT ALL WALL SURFACE AFFECTED BY ARCHITECTURE, MEP, AND TELECOM/DATA WORK IN RFP#2
57. REF. MEP, AND TELECOM FOR MODIFICATION TO RFP#2 WORK
58. PROVIDE RFT-2 FLOORING, RB-1 WALL BASE AND RUBBER TRANSITION STRIP
59. PROVIDE NEW CARPET IN ROOM, COLOR TO MATCH EXISTING CARPET ADJACENT
60. PROVIDE NEW DOOR AND DOOR HARDWARE.
61. PROVIDE 10 TO 14" WALL BRACKET FOR MANUAL PROJECTOR SCREEN
62. PATCH, AND PAINT DRYWALL AREA UNDERNEATH WINDOW FRAME INSTEAD OF FURRING ENTIRE THE WALL ON STRUCTURAL BRACING. REF DETAIL 6/A633 SILL DETAIL
63. PROVIDE PARTITION WALL OVER RAISED FLOORING REF. 5/A633
64. PAINT STRUCTURAL BRACE WITH HIGH PERFORMANCE PAINT. COLOR TO MATCH ADJACENT WALL
65. PROVIDE CPT-1 FLOORING, RB-1 WALL BASE AND RUBBER TRANSITION STRIP

CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

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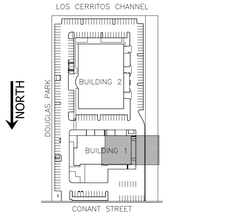
SECURITY Schirmer Engineering	(310) 782-0850

SIGNATURE BLOCK

08.16.2011- RECORD DRAWING

REVISION HISTORY - THIS SHEET

KEY PLAN



BUILDING 1 - THIRD FLOOR PLAN

COMM. NO.	3045-002-00
SCALE	1/8"
DATE	August 16, 2011
DRAWN	AOHARE

RECORD DRAWING

A203A

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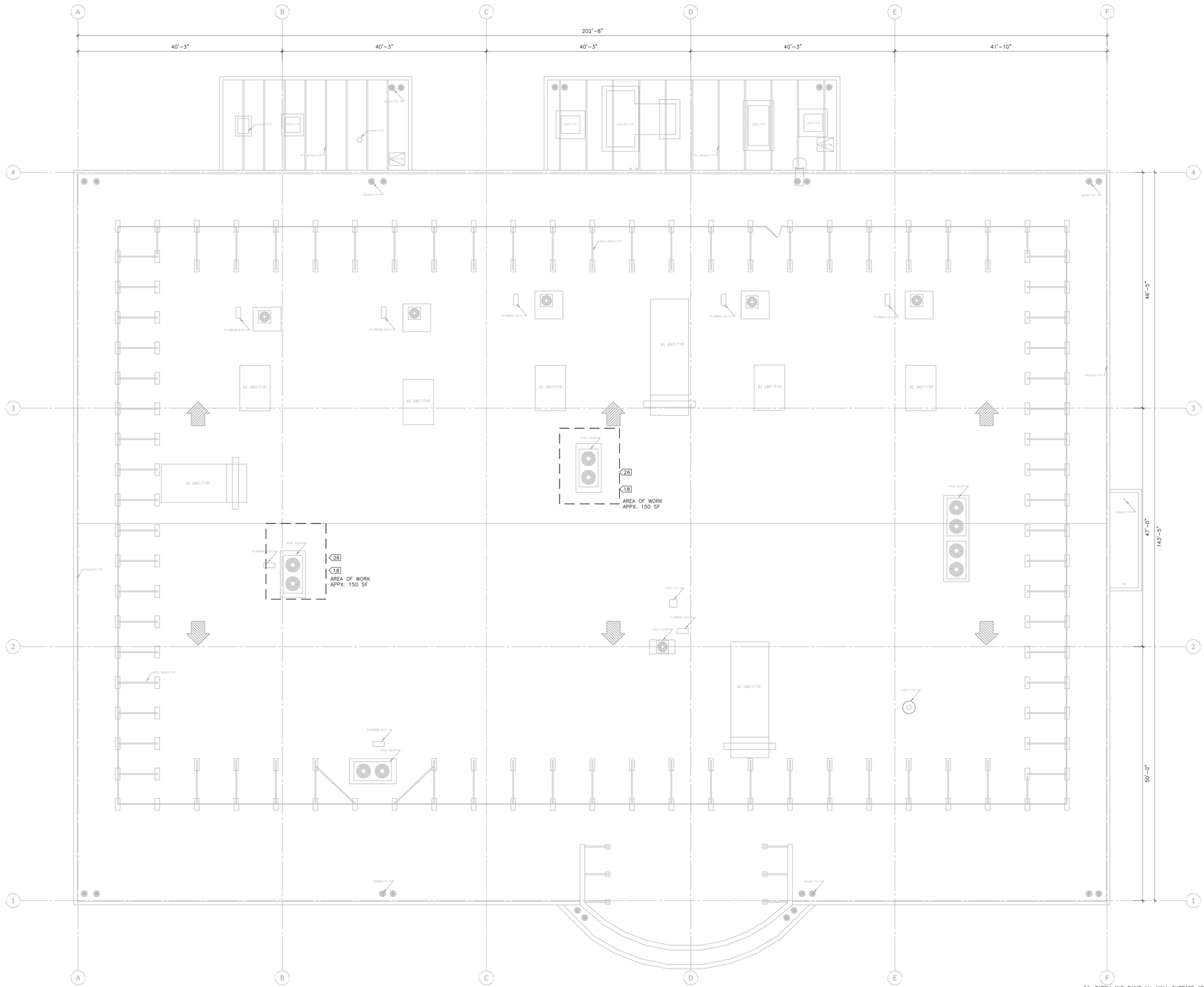

1 BUILDING 2 - ROOF PLAN
1/8" = 1'-0"

FLOOR PLAN AND ROOF PLAN GENERAL NOTES

A. VERIFY DIMENSIONS, CONDITIONS & FINISHES BEFORE PRICING &/OR PROCEEDING WITH WORK. DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.
B. ALL INTERIOR PARTITIONS SHALL BE "A3", UNO. SEE SHEET A060 FOR TYPICAL INTERIOR WALL TYPES.
C. ALL PIPING, CONDUITS AND RELATED MECHANICAL AND ELECTRICAL ITEMS SHALL BE CONCEALED WITHIN DRYWALL FURRING AS REQUIRED IN FINISHED AREAS WHETHER SHOWN ON DRAWINGS OR NOT, UNO.
D. PROVIDE METAL PLATE BACKING IN WALLS WHERE WALL-MOUNTED EQUIPMENT IS SHOWN ON PLANS OR ELEVATIONS. VERIFY HEIGHT AND LENGTH WITH ACTUAL EQUIPMENT.
E. VERIFY EXISTING DIMENSIONS, CONDITIONS AND FINISHES BEFORE PRICING AND/OR PROCEEDING WITH WORK. DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.
F. ALL DIMENSIONS ARE CLEAR FROM THE FACE OF FINISHED WALL/PARTITION TO FACE OF FINISHED WALL/PARTITION OR FACE OF EXISTING WALLS. SEE PARTITION TYPES FOR ACTUAL THICKNESS OF PARTITIONS. MASONRY WALLS ARE DIMENSIONED TO NOMINAL FACE.
G. MATCH FINISHED WALL OR PARTITION THICKNESS WHERE NEW WALLS OR PARTITIONS OCCUR IN LINE WITH EXISTING WALLS.
H. PATCH ALL HOLES IN EXISTING SURFACES WHERE EQUIPMENT HAS BEEN REMOVED OR DEMOLITION HAS OCCURRED. PREPARE SURFACES AS REQUIRED FOR NEW FINISHES. PATCH TO MATCH ADJACENT SURFACE IF NOT SCHEDULED.
I. ALL EXISTING FLOOR OPENINGS AND DEPRESSIONS IN THE WORK SHALL BE FILLED OR CLOSED, UNO, WITH MATERIALS TO MATCH ADJACENT SURFACES, FINISHES AND FIRE RATINGS.
J. SEE 1/A012 FOR MATERIAL IDENTIFICATION CODES.
K. DOOR SIGNAGE PROVIDED AND INSTALLED BY OWNER.
L. ALL FREESTANDING FURNITURE TO BE PROVIDED AND INSTALLED BY OWNER, SHOWN DASHED.
M. REFER TO DETAILS 7/A080, 8/A080, AND 9/A090 FOR DETAIL OF DOOR JAMBS AT ABUTTING WALLS OR PARTITIONS.
N. ALL MECHANICAL EQUIPMENT PADS TO BE 4" HIGH UNLESS OTHERWISE NOTED. LENGTH AND WIDTH OF PADS TO BE VERIFIED BY CONTRACTOR.
O. SEE SHEET A080 FOR ROOM FINISH AND OPENING SCHEDULES.
P. PATCH WALLS WHERE CONNECTIONS OF ELECTRICAL AND OR DATA/COMMUNICATION OUTLETS ARE BEING REMOVED.
Q. SEE SHEETS A065 AND A067 FOR TYPICAL CEILING DETAILS.
R. PROVIDE NEW OUTLET COVER FOR LOCATIONS IF MISSING COVER, TYPICAL
S. BASE BID TO REMOVE ALL (E) WALL COVERING ON ALL WALLS AS PREP, AND PATCH ALL WALL SURFACE DAMAGE DURNING DEMOLITION. THEN PAINT ALL WALL WITH PAINT <PT-1 > REFERENCE SPECIFICATION FOR PARAMETER. ALTERNATE- PRICE ALL WALL WITH WALL COVERING INTACT, CLEAN UP THE SURFACE THOROUGHLY, PATCH HOLES, SAND THE SEEMS SMOOTH, TEAR AND SAND AWAY LOOSE STRIPS AND LASTLY RE-PASTE LOOSE EDGES, AND THEN PAINT OVER THE WALL COVERING WITH PAINT (PT-1) AS ALTERNATE. REFERENCE SPECIFICATION FOR PARAMETER
T. REF SHEETS A021A, A021B, A022A AND A0.63 FOR LIFE SAFETY PLANS INCLUDING WALL FIRE RATING LOCATION, AND HEAD AND SILL DETAILS
U. ALL INTERIOR PARTITIONS AND DRYWALL CEILING SHALL BE PAINTED AS <PT-1 > UNO.
V. PROVIDE ALL NEW FIRE EXTINGUISHER AT EXISTING CABINET LOCATION. CONTRACTOR TO VERIFY LOCATION & TYPE
W. PROVIDE (N) WALL BASE THROUGHOUT BUILDING AT LOCATIONS MISSING WALL BASE, COLOR & TYPE TO MATCH EXISTING

FLOOR PLAN AND ROOF PLAN KEYNOTES

1. REPAIR/REPLACE EXISTING GYPSUM BOARD AS REQUIRED AND INSTALL 8'0" HEIGHT <FRP-1> WAINSCOTING. REF 2/A090 FOR PANEL WIDTH
2. INSTALL (N) DRINKING FOUNTAIN. SEE DETAIL 5/A090 FOR MOUNTING HEIGHT.
3. SHELVING, OWNER FURNISHED OWNER INSTALLED.
4. REFRIGERATOR, OWNER FURNISHED, OWNER INSTALLED.
5. INFILL FLOOR WITH MATCHING FLOOR TILE, AS REQUIRED, WHERE WALL HAS BEEN DEMOLISHED.
6. INSTALL NEW MATCHING CARPET, AS REQUIRED, WHERE WALL(S) OR OTHER COMPONENT HAVE BEEN DEMOLISHED.
7. INFILL EXISTING TRENCHES WITH STYROFOAM, CONCRETE SLAB, AND PREP FOR FINISH FLOORING. REF STRUCTURAL SHEETS FOR INFORMATION.
8. AT AREA MISSING WALL BASE INSTALL NEW RUBBER WALL BASE TYPE AND COLOR TO MATCH ADJACENT BASE MATERIAL
9. PROVIDE (N) 27" HIGH GUARDRAIL WHERE VERTICAL CLEARANCE IS BELOW 80". SEE 12/A632.
10. INSTALL (N) MATCHING VCT FLOORING, AS REQUIRED, WHERE WALL(S) OR OTHER COMPONENT HAVE BEEN DEMOLISHED.
11. PATCH, REPAIR, AND INFILL SCREW HOLES DAMAGE BY REMOVAL OF CARD READER, BUILDING WALL SIGNAGE, HVAC DUCT, HVAC EQUIPMENT OR LIGHTING FIXTURE
12. PATCH REPAIR, AND PAINT WALL(S) AS REQUIRED OR OTHER COMPONENT(S) THAT HAVE BEEN DEMOLISHED.
13. INSTALL (N) CERAMIC TILE FLOORING
14. INSTALL (N) JANITORIAL MOP SINK
15. INSTALL (N) 2 X 2 RAISED FLOORING, <ACFL-2> INCLUDE 10% AS VENTED TILES ENTIRE ROOM. PRICE ADDITIONAL 5% VENTED TILES AS EXTRA, AND THE ADDITIONAL SOLID TILES WILL HAVE 3"X8" CENTER-EDGE OPENINGS FOR CONDUIT/CABLE PENETRATIONS. PROVIDE BRUSH STRIPS AROUND THE OPENINGS. REF TELECOM / DATA DRAWING FOR LOCATION OF VENTED TILE. (N) FLOOR TO MATCH EXISTING FLOOR HEIGHT (18" – FIELD VERIFY)
16. PATCH, AND RESEAL EXISTING CONCRETE FLOORING DAMAGE BY REMOVAL OF MECHANICAL SUPPORT.
17. INSTALL NEW ROOFING <TPOT-1>
18. PROVIDE (N) INSULATION AND ROOFING AT DAMAGED ROOFING AREA, SEE 1/A073
19. PROVIDE (N) OUTLET COVER, TYPE, AND COLOR TO MATCH EXISTING BUILDING STANDARD
20. (E) DRINKING FOUNTAIN TO REMAIN.
21. CONTRACTOR TO PRICE INFILL COMPOSITE DECK AND STRUCTURAL SUPPORT AT EXISTING SHAFT AS ALTERNATE #1. REFERENCE STRUCTURAL SHEETS FOR SPECIFICATION AND DETAIL
22. REF MEP DRAWING FOR (E) EQUIPMENT DEMO PLAN, AND (N) MECHANICAL EQUIPMENT LOCATION.
23. REF. SHEET A073 FOR TYPICAL ROOFING DETAILS
24. INSTALL (N) MECHANICAL VENT LOUVER @ EXISTING OPENING. CONTRACTOR TO FIELD VERIFY EXACT OPENING DIMENSION. REF 1/A632
25. PROVIDE (N) METAL SCUPPER/DOWNSPOUT. SEE DETAILS 4/A073 AND 5/A073
26. RE-PATCH (E) ROOFING AS REQUIRED. REF MEP DRAWING FOR INFORMATION
27. (N) EXHAUST FAN. REF MEP DRAWING
28. INSTALL (N) ROOF DRAIN REF PLUMBING DWG FOR DETAIL
29. PROVIDE (N) TOPPED WITH POURABLE SEALANT ON (E) PITCH PAN
30. CUT OPEN BLISTER AROUND MECHANICAL ROOF TO RELEASE MOISTURE, THEN INSTALL TORCH-APPLIED MINERAL SURFACE CAP SHEET, AS REQUIRED
31. INSTALL (N) TORCHED APPLIED MINERAL SURFACE CAP SHEET AS BASE FLASHING THEN INSTALL (N) METAL BASE FLASHING ON TOP OF NEW MATERIAL
32. INSTALL NEW BASE
33. INSTALL NEW CARPET
34. PATCH/REPAIR WALL DEFECTS AND PREPARE WALL FOR PAINT
35. REINSTALL EXISTING PARTITION
36. ADD NEW VISION PANEL AT SINK. PATCH WALL AS REQUIRED. SEE DETAIL 2/A080
37. INSTALL (N) SPLASH BLOCK AND SLIP SHEET
38. FIXED BOLLARD; SEE 18/A632
39. INSTALL RELOCATED (E) LADDER
40. TRIM BOTTOM OF EXISTING DOOR ±6" TO ALLOW 8" OF SURFACE FOR ROOFING MEMBRANE. THEN PROVIDE CLOSER STRIP AT BOTTOM OF DOOR. REFERENCE DETAIL 3/A074 FOR DETAIL AND COORDINATE WITH MECHANICAL DRAWING FOR DUCT CLEARANCE
41. SEAL ALL EXISTING CRACKS, AND PENETRATION AT EXISTING CONCRETE DEPRESS FLOOR
42. ENLARGE EXISTING OPENING TO INSTALL NEW MECHANICAL LOUVER REF 17/A632 FOR DETAIL
43. (E) ROOF DRAIN W/ (N) STRAINER. SEE 1/A074 SIM.
44. (E) OVERFLOW SCUPPER TO REMAIN. BUILT-UP ROOF INSULATION SHALL NOT BE INSTALLED BETWEEN THE SCUPPER OPENING AND THE ADJACENT ROOF DRAIN.
45. ROOFTOP DUCTWORK SUPPORT; COORDINATE LOCATION TO NOT CONFLICT WITH SWING OF ACCESS DOORS ON AHU. REF DETAIL 4/A633 FOR ROOF SUPPORT DETAIL
46. PROVIDE THE SEALANT AROUND RATED STAIR
47. INSTALL RELOCATED RAISED ACCESS FLOOR PANEL AT LOCATIONS MISSING ACCESS PANEL
48. PATCH, REPAIR, SEAL & REFINISH EXISTING CONCRETE FLOOR IN AREAS DAMAGED BY REMODEL OF HVAC PAD & SUPPORT
49. PROVIDE (N) FIRE EXTINGUISHER AT EXISTING CABINET LOCATIONS
50. PATCH (E) DRY WALL, THEN PAINT ENTIRE WALL AREA AFFECTED BY STRUCTURAL BRACE UPGRADE. PER 6/A6.33 AND 5/A6.33
51. REFERENCE STRUCTURAL DRAWING FOR NEW BRACE LOCATION
52. PAINT (N) STRUCTURAL BASE COLOR TO MATCH ADJACENT WALL (PT-4)
53. WAREHOUSE RACK DESIGN, REFER TO WAREHOUSE SHEET FOR DETAIL.
54. CLEAN, PATCH & SEAL EXISTING CONCRETE FLOOR AS REQUIRED DUE TO NEW STRUCTURAL BRACE LOCATION CONCRETE SEAL TO MATCH EXISTING CONCRETE SEAL
55. REMOVE (E) DOOR; INSTALL (N) DOOR AT NEW LOCATION.
56. PATCH AND PAINT ALL WALL SURFACE AFFECTED BY ARCHITECTURE, MEP, AND TELECOM/DATA WORK IN RFP#2
57. REF. MEP, AND TELECOM FOR MODIFICATION TO RFP#2 WORK
58. PROVIDE RFT-2 FLOORING, RB-1 WALL BASE AND RUBBER TRANSITION STRIP
59. PROVIDE NEW CARPET IN ROOM, COLOR TO MATCH EXISTING CARPET ADJACENT
60. PROVIDE NEW DOOR AND DOOR HARDWARE.
61. PROVIDE 10 TO 14" WALL BRACKET FOR MANUAL PROJECTOR SCREEN
62. PATCH, AND PAINT DRYWALL AREA UNDERNEATH WINDOW FRAME INSTEAD OF FURRING ENTIRE THE WALL ON STRUCTURAL BRACING. REF DETAIL 6/A633 SILL DETAIL
63. PROVIDE PARTITION WALL OVER RAISED FLOORING REF. 5/A633
64. PAINT STRUCTURAL BRACE WITH HIGH PERFORMANCE PAINT. COLOR TO MATCH ADJACENT WALL
65. PROVIDE CPT-1 FLOORING, RB-1 WALL BASE AND RUBBER TRANSITION STRIP

CLIENT:

LB CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

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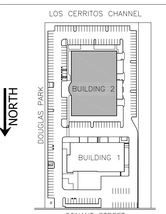
SIGNATURE BLOCK

08.08.2011- RECORD DRAWING

REVISION HISTORY - THIS SHEET

KEY PLAN



BUILDING 2 - ROOF PLAN

COMM. NO. 3045-002-00
SCALE 1/8"
DATE August 8, 2011
DRAWN AOHARE

RECORD DRAWING

A203B

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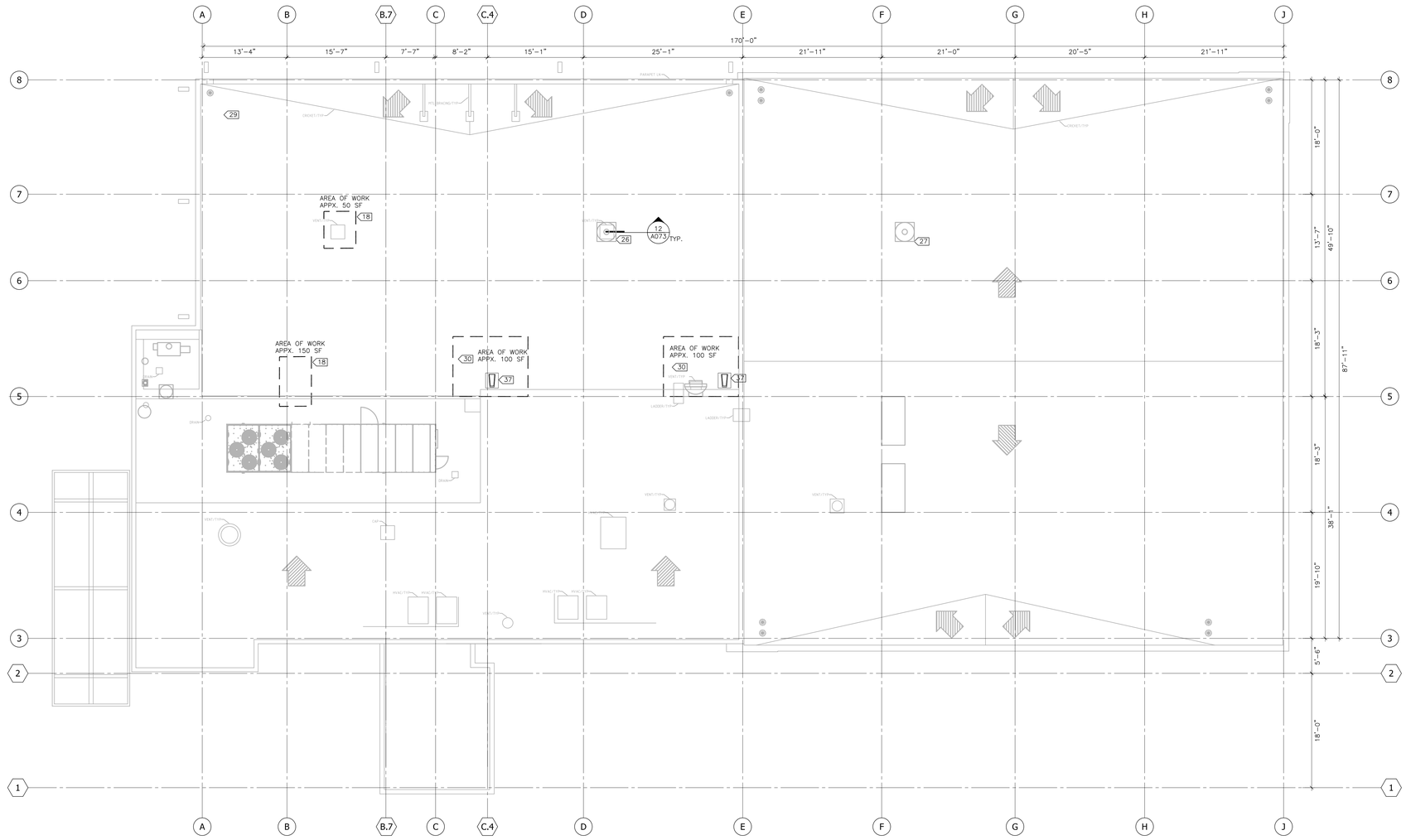

1 BUILDING 1 - ROOF PLAN
1/8" = 1'-0"

FLOOR PLAN AND ROOF PLAN GENERAL NOTES

A. VERIFY DIMENSIONS, CONDITIONS & FINISHES BEFORE PRICING &/OR PROCEEDING WITH WORK. DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.
B. ALL INTERIOR PARTITIONS SHALL BE "A3", UNO. SEE SHEET A060 FOR TYPICAL INTERIOR WALL TYPES.
C. ALL PIPING, CONDUITS AND RELATED MECHANICAL AND ELECTRICAL ITEMS SHALL BE CONCEALED WITHIN DRYWALL FURRING AS REQUIRED IN FINISHED AREAS WHETHER SHOWN ON DRAWINGS OR NOT, UNO.
D. PROVIDE METAL PLATE BACKING IN WALLS WHERE WALL-MOUNTED EQUIPMENT IS SHOWN ON PLANS OR ELEVATIONS. VERIFY HEIGHT AND LENGTH WITH ACTUAL EQUIPMENT.
E. VERIFY EXISTING DIMENSIONS, CONDITIONS AND FINISHES BEFORE PRICING AND/OR PROCEEDING WITH WORK. DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.
F. ALL DIMENSIONS ARE CLEAR FROM THE FACE OF FINISHED WALL/PARTITION TO FACE OF FINISHED WALL/PARTITION OR FACE OF EXISTING WALLS. SEE PARTITION TYPES FOR ACTUAL THICKNESS OF PARTITIONS. MASONRY WALLS ARE DIMENSIONED TO NOMINAL FACE.
G. MATCH FINISHED WALL OR PARTITION THICKNESS WHERE NEW WALLS OR PARTITIONS OCCUR IN LINE WITH EXISTING WALLS.
H. PATCH ALL HOLES IN EXISTING SURFACES WHERE EQUIPMENT HAS BEEN REMOVED OR DEMOLITION HAS OCCURRED. PREPARE SURFACES AS REQUIRED FOR NEW FINISHES. PATCH TO MATCH ADJACENT SURFACE IF NOT SCHEDULED.
I. ALL EXISTING FLOOR OPENINGS AND DEPRESSIONS IN THE WORK SHALL BE FILLED OR CLOSED, UNO, WITH MATERIALS TO MATCH ADJACENT SURFACES, FINISHES AND FIRE RATINGS.
J. SEE 1/A012 FOR MATERIAL IDENTIFICATION CODES.
K. DOOR SIGNAGE PROVIDED AND INSTALLED BY OWNER.
L. ALL FREESTANDING FURNITURE TO BE PROVIDED AND INSTALLED BY OWNER, SHOWN DASHED.
M. REFER TO DETAILS 7/A080, 8/A080, AND 9/A090 FOR DETAIL OF DOOR JAMBS AT ABUTTING WALLS OR PARTITIONS.
N. ALL MECHANICAL EQUIPMENT PADS TO BE 4" HIGH UNLESS OTHERWISE NOTED. LENGTH AND WIDTH OF PADS TO BE VERIFIED BY CONTRACTOR.
O. SEE SHEET A080 FOR ROOM FINISH AND OPENING SCHEDULES.
P. PATCH WALLS WHERE CONNECTIONS OF ELECTRICAL AND OR DATA/COMMUNICATION OUTLETS ARE BEING REMOVED.
Q. SEE SHEETS A065 AND A067 FOR TYPICAL CEILING DETAILS.
R. PROVIDE NEW OUTLET COVER FOR LOCATIONS IF MISSING COVER, TYPICAL.
S. BASE BID TO REMOVE ALL (E) WALL COVERING ON ALL WALLS AS PREP, AND PATCH ALL WALL SURFACE DAMAGE DURNING DEMOLITION. THEN PAINT ALL WALL WITH PAINT <PT-1 > REFERENCE SPECIFICATION FOR PARAMETER. ALTERNATE- PRICE ALL WALL WITH WALL COVERING INTACT, CLEAN UP THE SURFACE THOROUGHLY, PATCH HOLES, SAND THE SEEMS SMOOTH, TEAR AND SAND AWAY LOOSE STRIPS AND LASTLY RE-PASTE LOOSE EDGES, AND THEN PAINT OVER THE WALL COVERING WITH PAINT (PT-1). AS ALTERNATE. REFERENCE SPECIFICATION FOR PARAMETER.
T. REF SHEETS A021A, A021B, A022A AND A0.63 FOR LIFE SAFETY PLANS INCLUDING WALL FIRE RATING LOCATION, AND HEAD AND SILL DETAILS
U. ALL INTERIOR PARTITIONS AND DRYWALL CEILING SHALL BE PAINTED AS <PT-1 > UNO.
V. PROVIDE ALL NEW FIRE EXTINGUISHER AT EXISTING CABINET LOCATION. CONTRACTOR TO VERIFY LOCATION & TYPE
W. PROVIDE (N) WALL BASE THROUGHOUT BUILDING AT LOCATIONS MISSING WALL BASE, COLOR & TYPE TO MATCH EXISTING

FLOOR PLAN AND ROOF PLAN KEYNOTES

1. REPAIR/REPLACE EXISTING GYPSUM BOARD AS REQUIRED AND INSTALL 8'0" HEIGHT <FRP-1> WAINSCOTING. REF 2/A090 FOR PANEL WIDTH
2. INSTALL (N) DRINKING FOUNTAIN. SEE DETAIL 5/A090 FOR MOUNTING HEIGHT.
3. SHELVING, OWNER FURNISHED OWNER INSTALLED.
4. REFRIGERATOR, OWNER FURNISHED, OWNER INSTALLED.
5. INFILL FLOOR WITH MATCHING FLOOR TILE, AS REQUIRED, WHERE WALL HAS BEEN DEMOLISHED.
6. INSTALL NEW MATCHING CARPET, AS REQUIRED, WHERE WALL(S) OR OTHER COMPONENT HAVE BEEN DEMOLISHED.
7. INFILL EXISTING TRENCHES WITH STYROFOAM, CONCRETE SLAB. AND PREP FOR FINISH FLOORING. REF STRUCTURAL SHEETS FOR INFORMATION.
8. AT AREA MISSING WALL BASE INSTALL NEW RUBBER WALL BASE TYPE AND COLOR TO MATCH ADJACENT BASE MATERIAL
9. PROVIDE (N) 27" HIGH GUARDRAIL WHERE VERTICAL CLEARANCE IS BELOW 80". SEE 12/A632.
10. INSTALL (N) MATCHING VCT FLOORING, AS REQUIRED, WHERE WALL(S) OR OTHER COMPONENT HAVE BEEN DEMOLISHED.
11. PATCH, REPAIR, AND INFILL SCREW HOLES DAMAGE BY REMOVAL OF CARD READER, BUILDING WALL SIGNAGE, HVAC DUCT, HVAC EQUIPMENT OR LIGHTING FIXTURE
12. PATCH REPAIR, AND PAINT WALL(S) AS REQUIRED OR OTHER COMPONENT(S) THAT HAVE BEEN DEMOLISHED.
13. INSTALL (N) CERAMIC TILE FLOORING
14. INSTALL (N) JANITORIAL MOP SINK
15. INSTALL (N) 2 X 2 RAISED FLOORING, <ACFL-2> INCLUDE 10% AS VENTED TILES ENTIRE ROOM. PRICE ADDITIONAL 5% VENTED TILES AS EXTRA, AND THE ADDITIONAL SOLID TILES WILL HAVE 3"X8" CENTER-EDGE OPENINGS FOR CONDUIT/CABLE PENETRATIONS. PROVIDE BRUSH STRIPS AROUND THE OPENINGS. REF TELECOM / DATA DRAWING FOR LOCATION OF VENTED TILE. (N) FLOOR TO MATCH EXISTING FLOOR HEIGHT (18" – FIELD VERIFY)
16. PATCH, AND RESEAL EXISTING CONCRETE FLOORING DAMAGE BY REMOVAL OF MECHANICAL SUPPORT.
17. INSTALL NEW ROOFING <TPOT-1>
18. PROVIDE (N) INSULATION AND ROOFING AT DAMAGED ROOFING AREA, SEE 1/A073
19. PROVIDE (N) OUTLET COVER, TYPE, AND COLOR TO MATCH EXISTING BUILDING STANDARD
20. (E) DRINKING FOUNTAIN TO REMAIN.
21. CONTRACTOR TO PRICE INFILL COMPOSITE DECK AND STRUCTURAL SUPPORT AT EXISTING SHAFT AS ALTERNATE #1. REFERENCE STRUCTURAL SHEETS FOR SPECIFICATION AND DETAIL
22. REF MEP DRAWING FOR (E) EQUIPMENT DEMO PLAN, AND (N) MECHANICAL EQUIPMENT LOCATION.
23. REF. SHEET A073 FOR TYPICAL ROOFING DETAILS
24. INSTALL (N) MECHANICAL VENT LOUVER @ EXISTING OPENING. CONTRACTOR TO FIELD VERIFY EXACT OPENING DIMENSION. REF 1/A632
25. PROVIDE (N) METAL SCUPPER/DOWNSPOUT. SEE DETAILS 4/A073 AND 5/A073
26. RE-PATCH (E) ROOFING AS REQUIRED. REF MEP DRAWING FOR INFORMATION
27. (N) EXHAUST FAN. REF MEP DRAWING
28. INSTALL (N) ROOF DRAIN REF PLUMBING DWG FOR DETAIL
29. PROVIDE (N) TOPPED WITH POURABLE SEALANT ON (E) PITCH PAN
30. CUT OPEN BLISTER AROUND MECHANICAL ROOF TO RELEASE MOISTURE, THEN INSTALL TORCH-APPLIED MINERAL SURFACE CAP SHEET, AS REQUIRED
31. INSTALL (N) TORCHED APPLIED MINERAL SURFACE CAP SHEET AS BASE FLASHING THEN INSTALL (N) METAL BASE FLASHING ON TOP OF NEW MATERIAL
32. INSTALL NEW BASE
33. INSTALL NEW CARPET
34. PATCH/REPAIR WALL DEFECTS AND PREPARE WALL FOR PAINT
35. REINSTALL EXISTING PARTITION
36. ADD NEW VISION PANEL AT SINK. PATCH WALL AS REQUIRED. SEE DETAIL 2/A080
37. INSTALL (N) SPLASH BLOCK AND SLIP SHEET
38. FIXED BOLLARD; SEE 18/A632
39. INSTALL RELOCATED (E) LADDER
40. TRIM BOTTOM OF EXISTING DOOR ±6" TO ALLOW 8" OF SURFACE FOR ROOFING MEMBRANE. THEN PROVIDE CLOSER STRIP AT BOTTOM OF DOOR. REFERENCE DETAIL 3/A074 FOR DETAIL AND COORDINATE WITH MECHANICAL DRAWING FOR DUCT CLEARANCE
41. SEAL ALL EXISTING CRACKS, AND PENETRATION AT EXISTING CONCRETE DEPRESS FLOOR
42. ENLARGE EXISTING OPENING TO INSTALL NEW MECHANICAL LOUVER REF 17/A632 FOR DETAIL
43. (E) ROOF DRAIN W/ (N) STRAINER. SEE 1/A074 SIM.
44. (E) OVERFLOW SCUPPER TO REMAIN. BUILT-UP ROOF INSULATION SHALL NOT BE INSTALLED BETWEEN THE SCUPPER OPENING AND THE ADJACENT ROOF DRAIN.
45. ROOFTOP DUCTWORK SUPPORT; COORDINATE LOCATION TO NOT CONFLICT WITH SWING OF ACCESS DOORS ON AHU. REF DETAIL 4/A633 FOR ROOF SUPPORT DETAIL
46. PROVIDE THE SEALANT AROUND RATED STAIR
47. INSTALL RELOCATED RAISED ACCESS FLOOR PANEL AT LOCATIONS MISSING ACCESS PANEL
48. PATCH, REPAIR, SEAL & REFINISH EXISTING CONCRETE FLOOR IN AREAS DAMAGED BY REMODEL OF HVAC PAD & SUPPORT
49. PROVIDE (N) FIRE EXTINGUISHER AT EXISTING CABINET LOCATIONS
50. PATCH (E) DRY WALL, THEN PAINT ENTIRE WALL AREA AFFECTED BY STRUCTURAL BRACE UPGRADE. PER 6/A6.33 AND 5/A6.33
51. REFERENCE STRUCTURAL DRAWING FOR NEW BRACE LOCATION
52. PAINT (N) STRUCTURAL BASE COLOR TO MATCH ADJACENT WALL (PT-4)
53. WAREHOUSE RACK DESIGN, REFER TO WAREHOUSE SHEET FOR DETAIL
54. CLEAN, PATCH & SEAL EXISTING CONCRETE FLOOR AS REQUIRED DUE TO NEW STRUCTURAL BRACE LOCATION CONCRETE SEAL TO MATCH EXISTING CONCRETE SEAL
55. REMOVE (E) DOOR, INSTALL (N) DOOR AT NEW LOCATION.
56. PATCH AND PAINT ALL WALL SURFACE AFFECTED BY ARCHITECTURE, MEP, AND TELECOM/DATA WORK IN RFP#2
57. REF. MEP, AND TELECOM FOR MODIFICATION TO RFP#2 WORK
58. PROVIDE RFT-2 FLOORING, RB-1 WALL BASE AND RUBBER TRANSITION STRIP
59. PROVIDE NEW CARPET IN ROOM, COLOR TO MATCH EXISTING CARPET ADJACENT
60. PROVIDE NEW DOOR AND DOOR HARDWARE.
61. PROVIDE 10 TO 14" WALL BRACKET FOR MANUAL PROJECTOR SCREEN
62. PATCH, AND PAINT DRYWALL AREA UNDERNEATH WINDOW FRAME INSTEAD OF FURRING ENTIRE THE WALL ON STRUCTURAL BRACING. REF DETAIL 6/A633 SILL DETAIL
63. PROVIDE PARTITION WALL OVER RAISED FLOORING REF. 5/A633
64. PAINT STRUCTURAL BRACE WITH HIGH PERFORMANCE PAINT. COLOR TO MATCH ADJACENT WALL
65. PROVIDE CPT-1 FLOORING, RB-1 WALL BASE AND RUBBER TRANSITION STRIP

CLIENT:

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

Architecture | Engineering | Planning
Hammel, Green and Abrahamson, Inc.
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Telephone 310.557.7600 Facsimile 310.553.1668

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SECURITY
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SIGNATURE BLOCK

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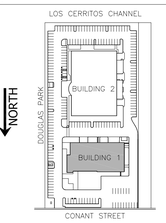
KEY PLAN



BUILDING 1 - ROOF PLAN

COMM. NO.	3045-002-00
SCALE	1/8"
DATE	August 16, 2011
DRAWN	AOHARE

RECORD DRAWING

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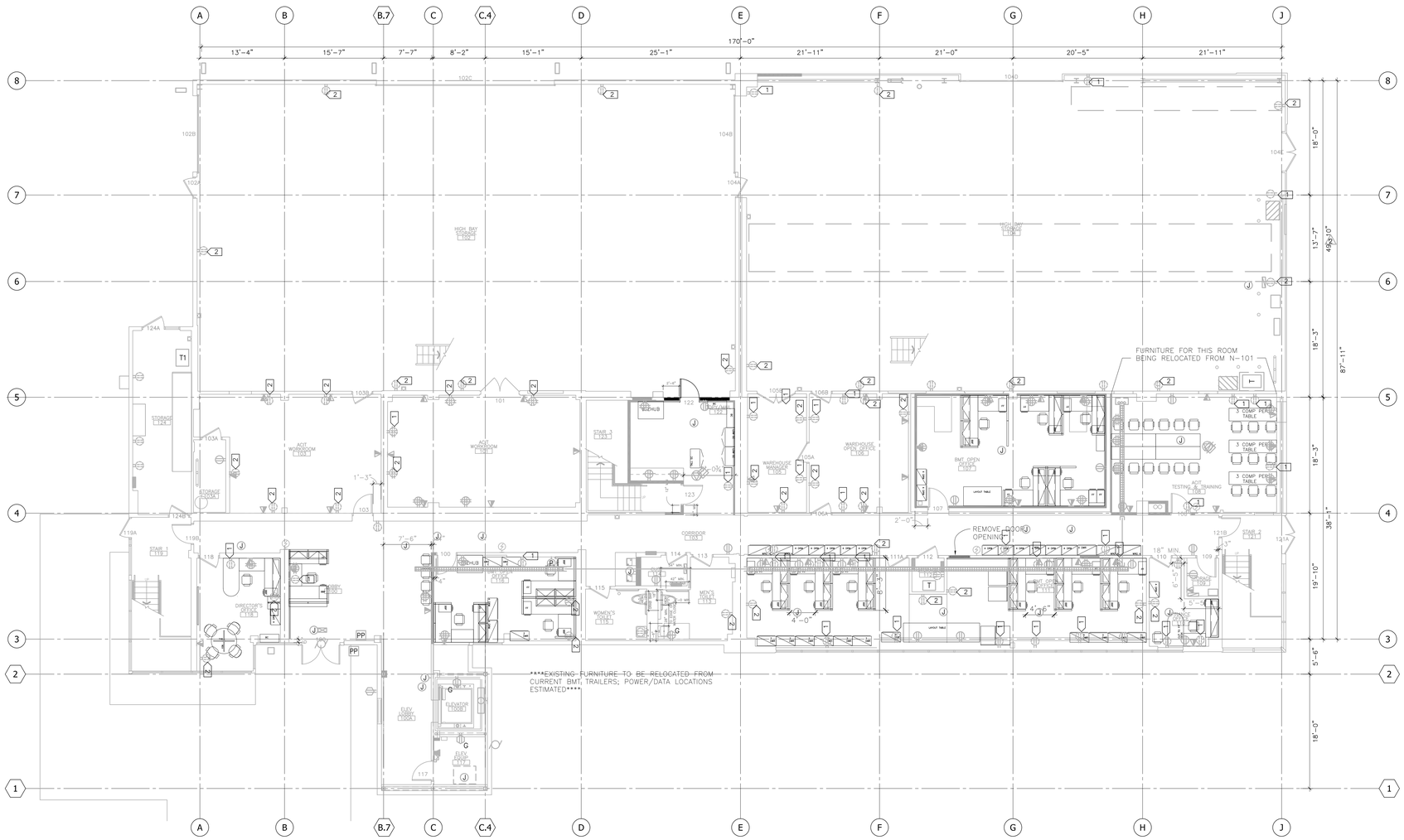

1 BUILDING 1 - FIRST FLOOR FURNITURE PLAN
1/8" = 1'-0"

FURNITURE PLAN GENERAL NOTES

A. FURNITURE AND EQUIPMENT DESIGN IS NOT IN SCOPE. FURNITURE PLAN SHOWN HERE IS FOR REFERENCE ONLY
B. OUTLET LOCATION IS TO DEMONSTRATE DESIGN INTENSION. CONTRACTOR PLEASE COORDINATE WITH FURNITURE INSTALLER FOR EXACT OUTLET LOCATION.

CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

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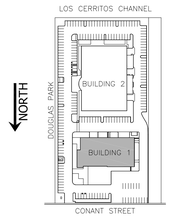

BUILDING 1 - FIRST FLOOR FURNITURE PLAN (FOR REFERENCE ONLY)

COMM. NO.	3045-002-00
SCALE	1/8"
DATE	August 16, 2011
DRAWN	AOHARE

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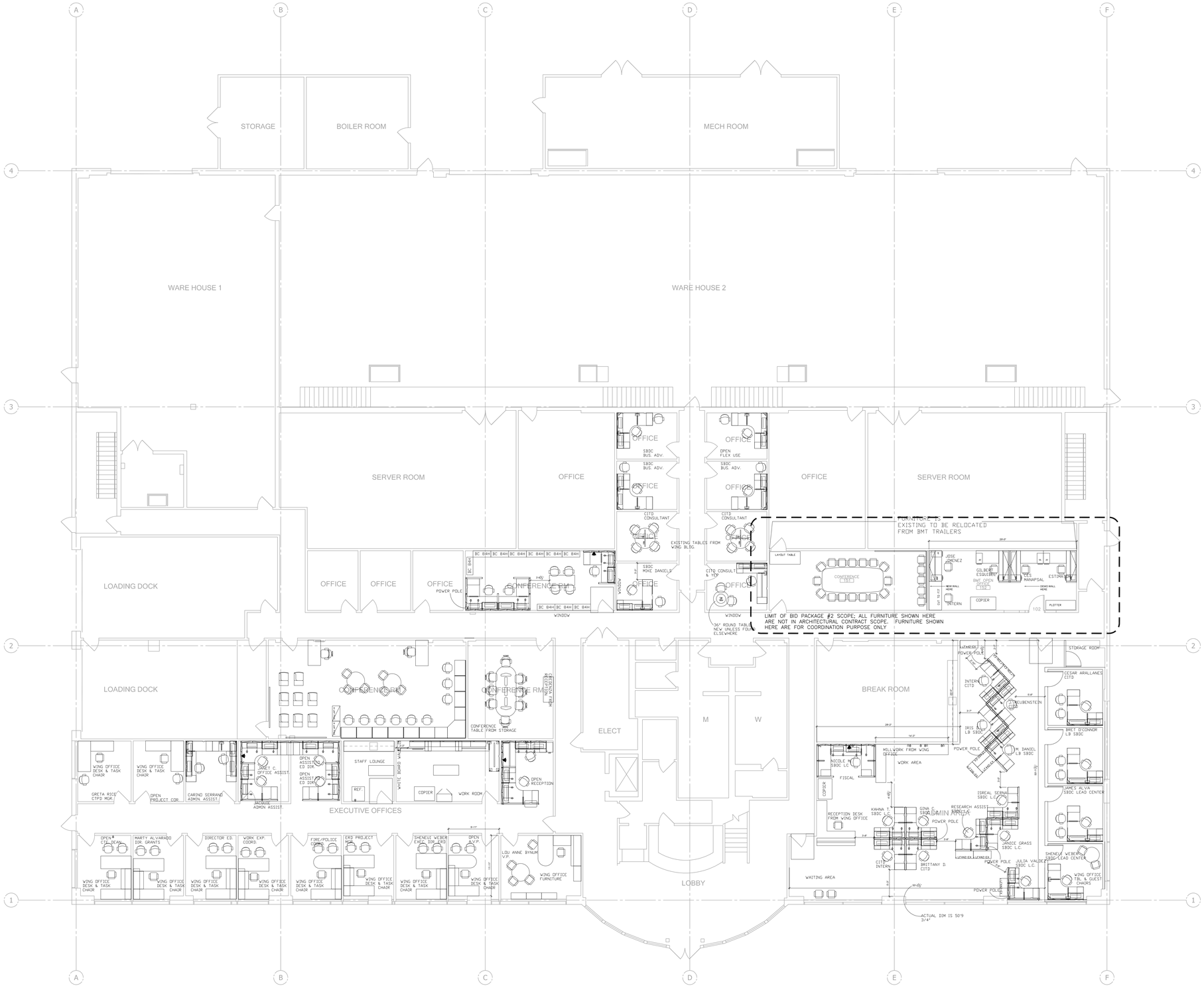

1 BUILDING 2 - FIRST FLOOR FURNITURE PLAN
1/8" = 1'-0"

FURNITURE PLAN GENERAL NOTES

A. FURNITURE AND EQUIPMENT DESIGN IS NOT IN SCOPE. FURNITURE PLAN SHOWN HERE IS FOR REFERENCE ONLY
B. OUTLET LOCATION IS TO DEMONSTRATE DESIGN INTENSION. CONTRACTOR PLEASE COORDINATE WITH FURNITURE INSTALLER FOR EXACT OUTLET LOCATION.

CLIENT:

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

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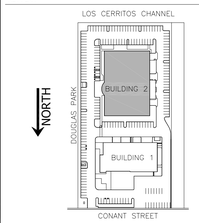

BUILDING 2 - FIRST FLOOR FURNITURE PLAN (FOR REFERENCE ONLY)

COMM. NO.	3045-002-00
SCALE	1/8"
DATE	August 8, 2011
DRAWN	AOHARE

RECORD DRAWING

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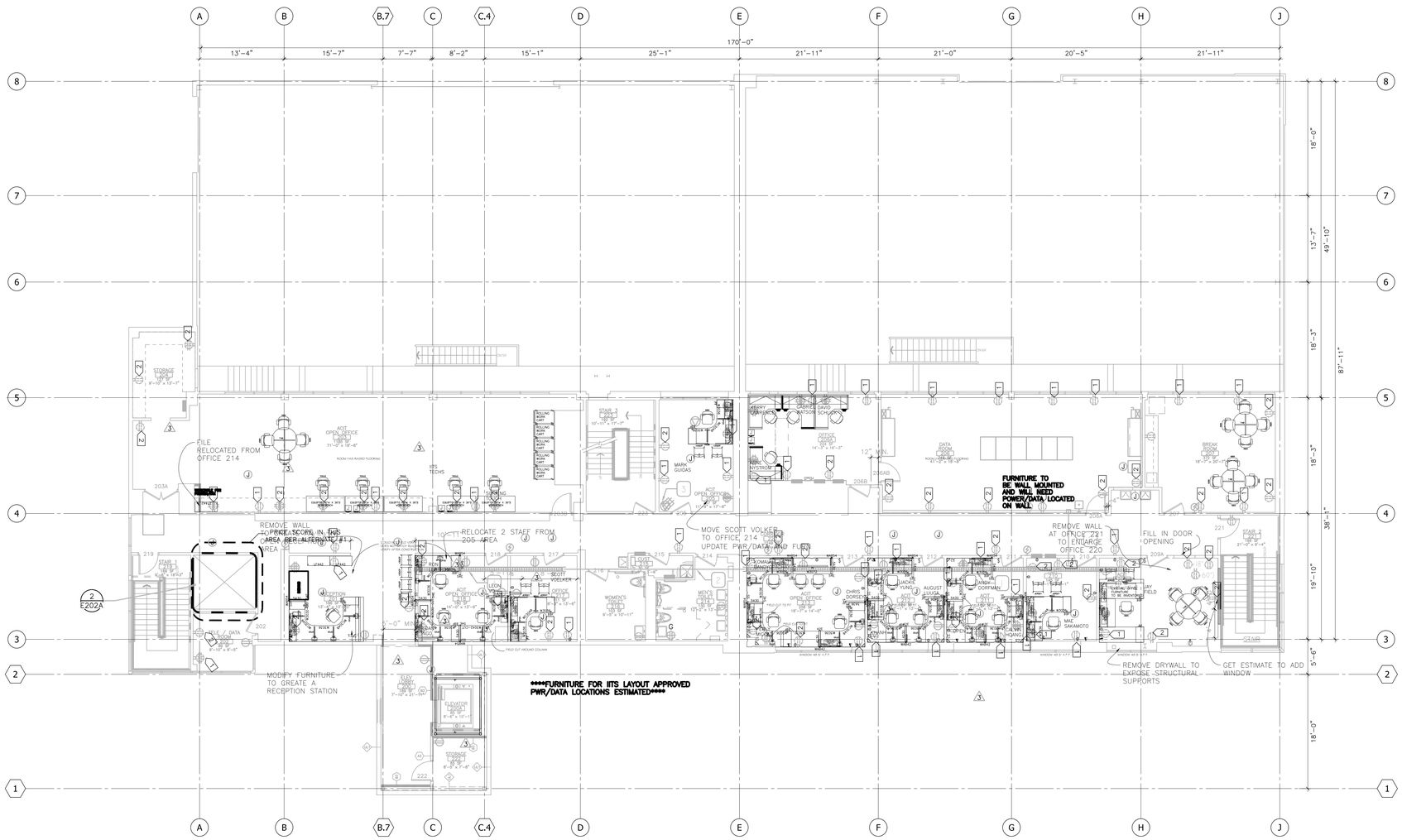

1 BUILDING 1 - SECOND FLOOR FURNITURE PLAN
1/8" = 1'-0"

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CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

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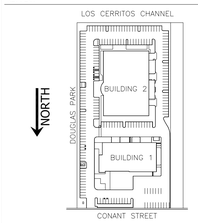

BUILDING 1 - SECOND FLOOR FURNITURE PLAN (FOR REFERENCE ONLY)

COMM. NO.	3045-002-00
SCALE	1/8"
DATE	August 16, 2011
DRAWN	AOHARE

RECORD DRAWING

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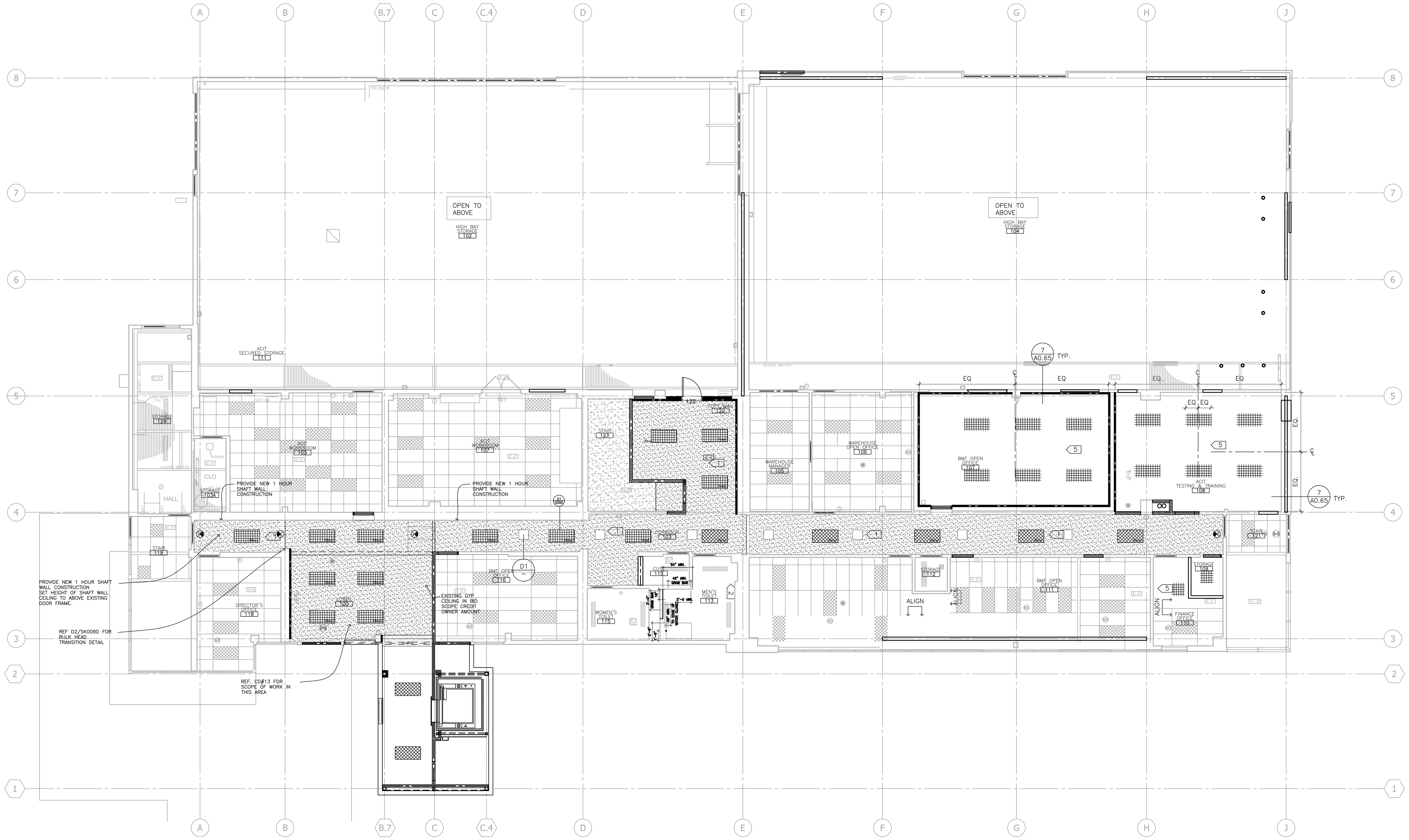
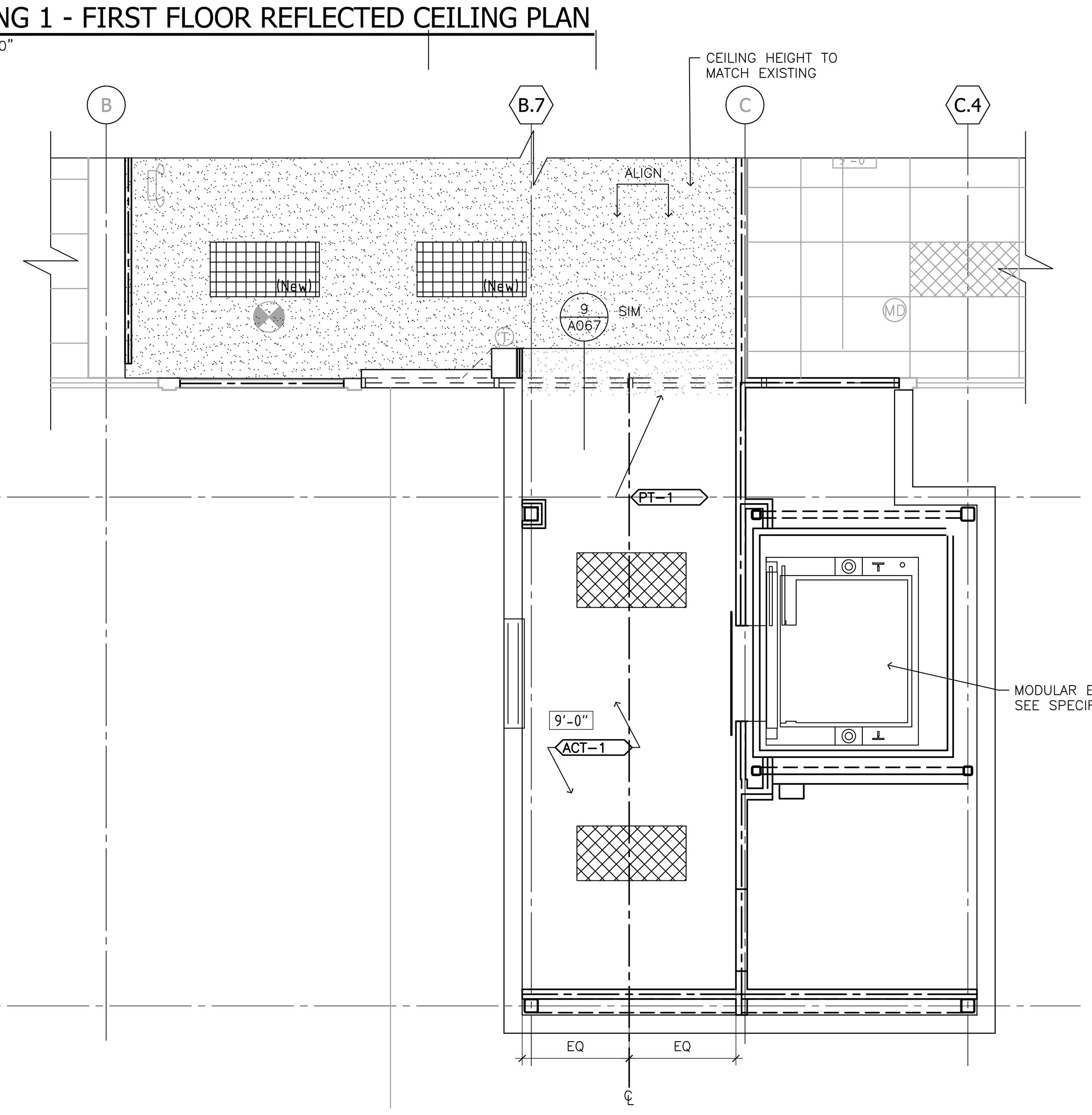
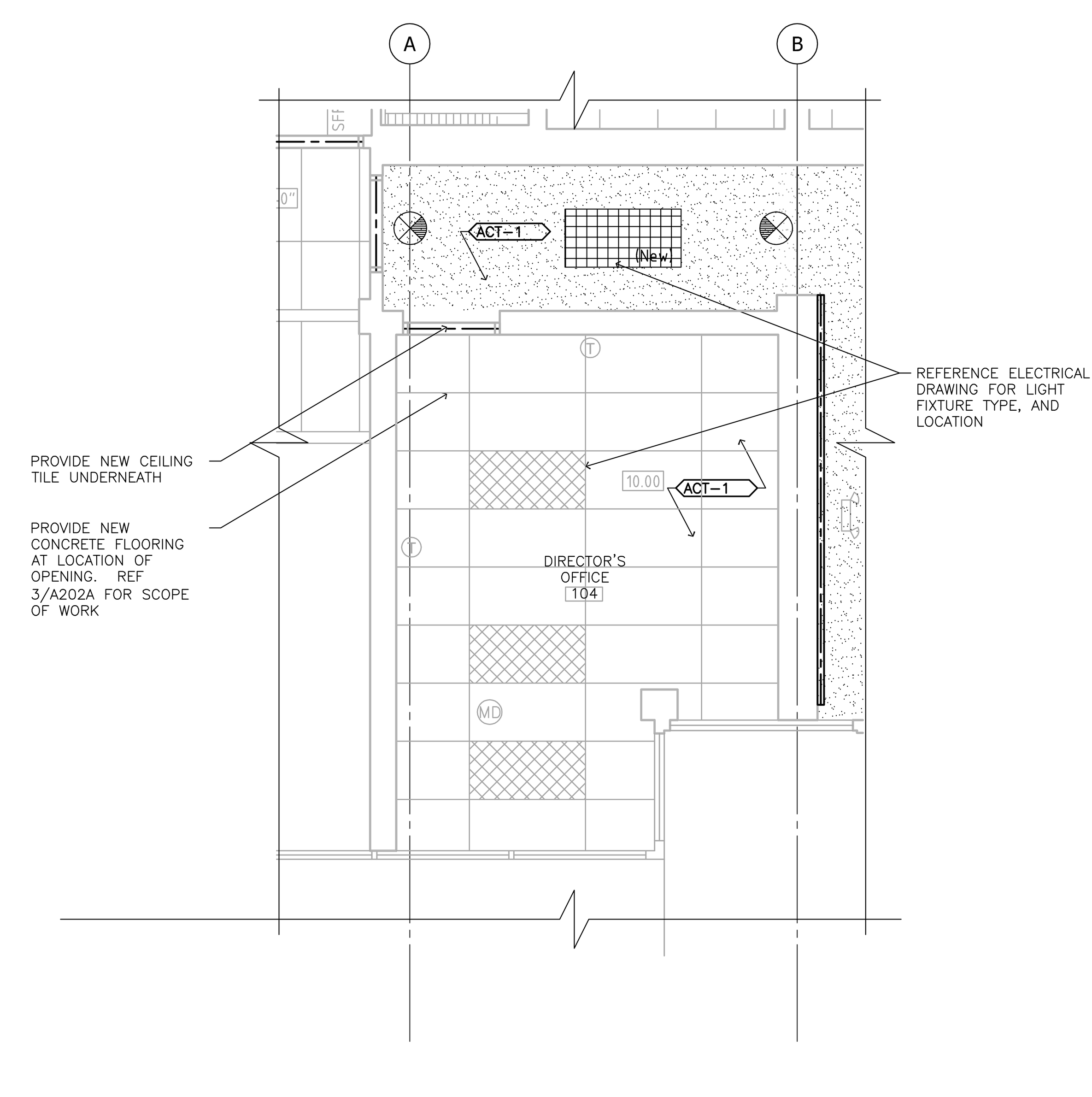


1 BUILDING 1 - FIRST FLOOR REFLECTED CEILING PLAN
3/32" = 1'-0"



2 BUILDING 1 - ENLARGED FIRST FLOOR PLAN (PHASE 1)
1/4" = 1'-0"



3 BUILDING 1 - ENLARGED FIRST FLOOR PLAN AREA PRICE AS ALTERNATE
1/4" = 1'-0"

REFLECTED CEILING PLAN GENERAL NOTES

A. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR DEVICE/FIXTURE TYPES, SIZES, INSTALLATION, AND SPECIFICATIONS.

B. VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO CEILING INSTALLATION.

C. CEILING PLAN SHOWS DESIGN INTENT ONLY. REFER TO SPECIFICATION AS WELL AS MECHANICAL AND ELECTRICAL DRAWINGS FOR DEVICES, TYPES, AND INSTALLATION. NOTE: DEVICES SHOWN ON ARCHITECTURAL PLAN AND NOT ON THE ENGINEERING DRAWINGS OR SPECIFICATION SHOULD BE BROUGHT TO ARCHITECT'S ATTENTION FOR CLARIFICATION.

D. ACOUSTICAL CEILING GRID SHALL BE CENTERED IN ROOMS UNLESS NOTED OTHERWISE.

E. CEILING HEIGHTS ARE DIMENSIONED FROM FLOOR LINE DESIGN ELEVATION TO FINISHED CEILING WHICH SHALL BE 8'-0" UNO.

F. CENTER RECESSED LIGHTS, ELECTRICAL AND MECHANICAL DEVICES AND SPRINKLER HEADS WHEN SHOWN IN CEILING TILE. WHERE RECESSED LIGHTS ARE SHOWN OFF-CENTER IN A 2X4 SCORED CEILING TILE, CENTER THE FIXTURE WITHIN THE 2X2 PORTION OF THE TILE.

G. MECHANICAL, PLUMBING AND ELECTRICAL CONTRACTORS SHALL COORDINATE ALL DEVICES REQUIRING ACCESS IN NON-ACCESSIBLE CEILING. PROVIDE ACCESS PANELS AS NEEDED (EXAMPLE: MECHANICAL VAV BOXES, PLUMBING CLEANOUTS, ETC).

H. ALL CEILING FINISHES ADJACENT TO OR WITHIN THE LIMITS OF CONSTRUCTION DISTURBED OR DAMAGED BY CONSTRUCTION SHALL BE PATCHED TO MATCH EXISTING ADJACENT CEILING FINISH.

I. REFER TO ROOM FINISH SCHEDULE FOR SPECIFIC TYPE OF ACT.

J. WHERE RECESSED LIGHTS ARE SHOWN OFF-CENTER IN A 2X2 CEILING TILE, CENTER THE FIXTURE WITHIN THE TILE ON THE SIDE THAT MOST ACCURATELY MATCHES THE PLAN.

K. SEE SPECIFICATIONS FOR SPRINKLER PERFORMANCE INFORMATION. CENTER SPRINKLER HEAD WITHIN TILE.

L. COORDINATE EXACT LOCATIONS OF ACCESS PANELS WITH MECHANICAL AND ELECTRICAL, FOR ACCESS TO OVERHEAD MECHANICAL AND ELECTRICAL ITEMS.

M. REFERENCE SHEET A065, A067 FOR ACT AND GYPBOARD CEILING DETAILS

N. PATCH ALL EXISTING SPRAYED ON FIRE PROOFING AND RATED GYP BOARD WALL AND CEILING AREA AS REQUIRED AT LOCATION WHEN 1 HOUR RATED CORRIDOR IS REQUIRED FOR EXITING. REFER TO SHEETS A021A, A021B, A022A AND A0.63 FOR LIFE SAFETY PLANS FOR WALL FIRE RATING LOCATION, AND HEAD / SILL DETAILS

O. ALL PENETRATION THROUGH 1 HOUR CORRIDOR SHELL BE SEALED. REF TO SHEET A0.63 FOR HVAC, AND CONDUIT PENETRATION DETAILS

P. REINSTALL (E) CEILING TILE AND CEILING GRID AT THE LOCATION WHERE MEPS WORK IS BEING PERFORMED. IF (E) TILE OR GRID IS NOT IN SALVAGEABLE CONDITION, PROVIDE (N) CEILING TILE&GRID. REFERENCE MEPS FOR EXTENT OF WORK

Q. REPLACE ALL DAMAGED ACT GRID, AND TILE THROUGH OUT BUILDING. REFER TO SPECIFICATION FOR REPLACEMENT CRITERIA

REFLECTED CEILING PLAN KEYNOTES

1. PROVIDE NEW <ACT-2> ; NEW GRID LOCATION SHALL MATCH LAYOUT OF PREVIOUSLY REMOVED GRID LOCATION, U.N.O. INSTALL RELOCATED OR NEW LIGHT FIXTURE, UTILIZING (E) J BOX. TYPE, AND COLOR OF ACOUSTIC TILE TO MATCH EXISTING BUILDING STANDARD. REF ELECTRICAL SHEETS FOR LIGHTING TYPE, AND LOCATION
2. PATCH, AND PAINT EXISTING DRYWALL CEILING AFFECTED BY DEMOLITION OF WALLS. CEILING COLOR TO MATCH SURROUNDING COLOR
3. PROVIDE RELOCATED LIGHT FIXTURE
4. INSTALL RELOCATED ACT TILE, TYPE, AND COLOR TO MATCH EXISTING BUILDING STANDARD
5. PROVIDE NEW <ACT-2> AND GRID PER CODE THEN INSTALL RELOCATED LIGHT FIXTURE. TYPE, AND COLOR OF ACOUSTIC TILE TO MATCH EXISTING BUILDING STANDARD
6. 1 HOUR RATED TUNNEL CONSTRUCTION HEAD WALL CONDITION REFER TO DETAIL 7/A0.63
7. PATCH EXISTING DRYWALL @ 1 HOUR CORRIDOR AREA AS REQUIRED. TYPICAL WALL CONDITION SHALL HAVE CONTINUOUS TYPE X GYP CONTINUE TO BOTTOM OF STRUCTURAL SLAB. REF TO 2/A0.63, 3/A0.63 FOR HEAD, AND SILL DETAIL. OR DRY WALL SHALL CONTINUE AROUND CEILING FORMING A 1 HOUR TUNNEL CONSTRUCTION. REF TO GENERAL NOTES N,O FOR OTHER REQUIREMENTS
8. PATCH EXISTING ACT (ACT-2) & DRYWALL CEILING DUE TO STRUCTURAL BRACE UPGRADE
9. PROVIDE DRYWALL SOFFIT
10. INSTALL EXISTING LIGHT FIXTURE

LEGEND

- NEW CEILING GRID TYPE, AND COLOR TO MATCH EXISTING BUILDING STANDARD. SCOPE OF WORK SHOWN IN DRAWING ARE INCLUDED BUT NOT LIMIT TO. REFERENCE GENERAL NOTE P FOR OTHER CEILING RELATED SCOPE
- (E) or (N) LIGHT FIXTURE REFER TO ELECTRICAL SHEET FOR LIGHING DETAIL, AND LAYOUT
- (N) EXIT SIGN, COORDINATE WITH ELECTRICAL PLAN FOR LOCATION
- (E) LIGHT FIXTURE TO REMAIN
- INSTALL RELOCATED ACT CEILING AFTER REMOVAL OF RADIENT HEAT PANEL
- (E) CEILING GRID TO REMAIN. REFER TO GENERAL NOTE Q FOR OTHER CEILING RELATED SCOPE
- (N) GYPSUM BOARD CEILING
- (E) RELOCATED EMERGENCY BATTERY UNIT. REFER TO ELECTRICAL DRAWING FOR LOCATION

CLIENT:

LB CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

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CIVIL	JMC2	(310) 241-6550
MECHANICAL / ELECTRICAL / PLUMBING	M-E Engineers	(310) 842-8700
DATA / TELECOM	Vantage Technology Consulting Group	(310) 536-7676
SECURITY	Schirmer Engineering	(310) 782-0850

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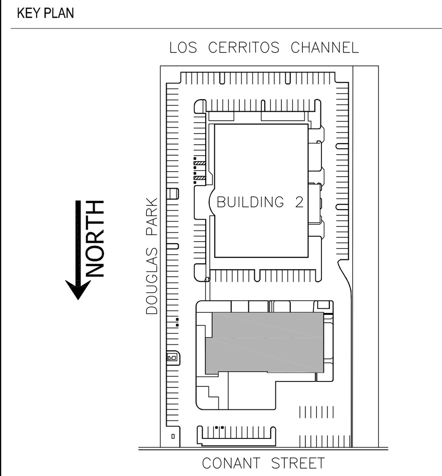
08.16.2011- RECORD DRAWING

REVISION HISTORY - THIS SHEET

KEY PLAN



BUILDING 1 - FIRST FLOOR REFLECTED CEILING PLAN

COMM. NO.	3045-002-00
SCALE	1/8"
DATE	August 16, 2011
DRAWN	AOHARE

RECORD DRAWING

A301A

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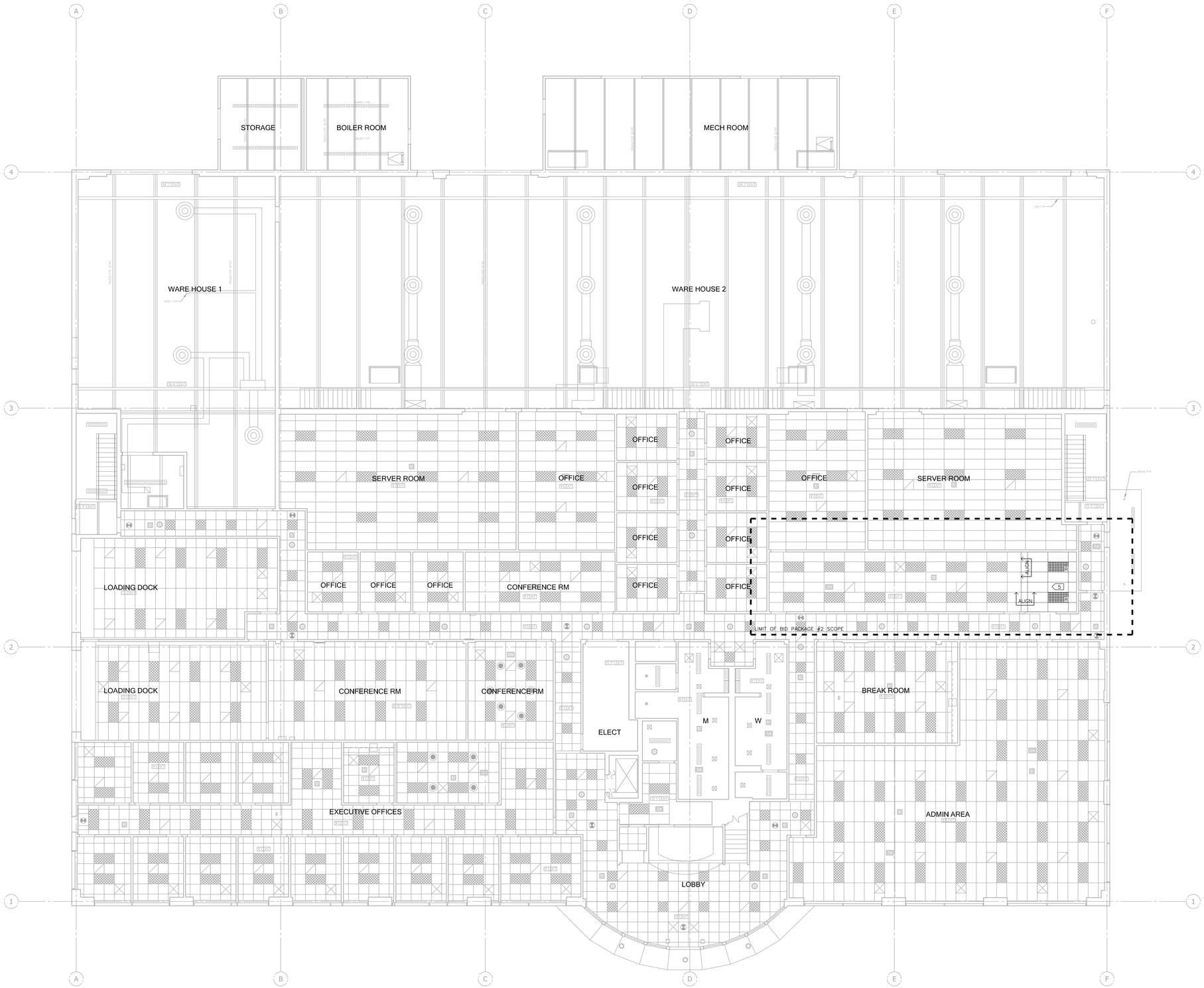

1 BUILDING 2 - FIRST FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

REFLECTED CEILING PLAN GENERAL NOTES

A. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR DEVICE/FIXTURE TYPES, SIZES, INSTALLATION, AND SPECIFICATIONS.

B. VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO CEILING INSTALLATION.

C. CEILING PLAN SHOWS DESIGN INTENT ONLY. REFER TO SPECIFICATION AS WELL AS MECHANICAL AND ELECTRICAL DRAWINGS FOR DEVICES, TYPES, AND INSTALLATION. NOTE: DEVICES SHOWN ON ARCHITECTURAL PLAN AND NOT ON THE ENGINEERING DRAWINGS OR SPECIFICATION SHOULD BE BROUGHT TO ARCHITECT'S ATTENTION FOR CLARIFICATION.

D. ACOUSTICAL CEILING GRID SHALL BE CENTERED IN ROOMS UNLESS NOTED OTHERWISE.

E. CEILING HEIGHTS ARE DIMENSIONED FROM FLOOR LINE DESIGN ELEVATION TO FINISHED CEILING WHICH SHALL BE 8'-0" UNO.

F. CENTER RECESSED LIGHTS, ELECTRICAL AND MECHANICAL DEVICES AND SPRINKLER HEADS WHEN SHOWN IN CEILING TILE. WHERE RECESSED LIGHTS ARE SHOWN OFF-CENTER IN A 2X4 SCORED CEILING TILE, CENTER THE FIXTURE WITHIN THE 2X2 PORTION OF THE TILE.

G. MECHANICAL, PLUMBING AND ELECTRICAL CONTRACTORS SHALL COORDINATE ALL DEVICES REQUIRING ACCESS IN NON-ACCESSIBLE CEILING. PROVIDE ACCESS PANELS AS NEEDED (EXAMPLE: MECHANICAL VAV BOXES, PLUMBING CLEANOUTS, ETC).

H. ALL CEILING FINISHES ADJACENT TO OR WITHIN THE LIMITS OF CONSTRUCTION DISTURBED OR DAMAGED BY CONSTRUCTION SHALL BE PATCHED TO MATCH EXISTING ADJACENT CEILING FINISH.

I. REFER TO ROOM FINISH SCHEDULE FOR SPECIFIC TYPE OF ACT.

J. WHERE RECESSED LIGHTS ARE SHOWN OFF-CENTER IN A 2X2 CEILING TILE, CENTER THE FIXTURE WITHIN THE TILE ON THE SIDE THAT MOST ACCURATELY MATCHES THE PLAN.

K. SEE SPECIFICATIONS FOR SPRINKLER PERFORMANCE INFORMATION. CENTER SPRINKLER HEAD WITHIN TILE.

L. COORDINATE EXACT LOCATIONS OF ACCESS PANELS WITH MECHANICAL AND ELECTRICAL, FOR ACCESS TO OVERHEAD MECHANICAL AND ELECTRICAL ITEMS.

M. REFERENCE SHEET A065, A067 FOR ACT AND GYPBOARD CEILING DETAILS

N. PATCH ALL EXISTING SPRAYED ON FIRE PROOFING AND RATED GYP BOARD WALL AND CEILING AREA AS REQUIRED AT LOCATION WHEN 1 HOUR RATED CORRIDOR IS REQUIRED FOR EXITING. REFER TO SHEETS A021A, A021B, A022A AND A0.63 FOR LIFE SAFETY PLANS FOR WALL FIRE RATING LOCATION, AND HEAD / SILL DETAILS

O. ALL PENETRATION THROUGH 1 HOUR CORRIDOR SHELL BE SEALED. REF TO SHEET A0.63 FOR HVAC, AND CONDUIT PENETRATION DETAILS

P. REINSTALL (E) CEILING TILE AND CEILING GRID AT THE LOCATION WHERE MEPS WORK IS BEING PERFORMED. IF (E) TILE OR GRID IS NOT IN SALVAGEABLE CONDITION, PROVIDE (N) CEILING TILE&GRID. REFERENCE MEPS FOR EXTENT OF WORK

Q. REPLACE ALL DAMAGED ACT GRID, AND TILE THROUGH OUT BUILDING. REFER TO SPECIFICATION FOR REPLACEMENT CRITERIA

REFLECTED CEILING PLAN KEYNOTES

1. PROVIDE NEW <ACT-2> ; NEW GRID LOCATION SHALL MATCH LAYOUT OF PREVIOUSLY REMOVED GRID LOCATION, U.N.O. INSTALL RELOCATED OR NEW LIGHT FIXTURE, UTILIZING (E) J BOX. TYPE, AND COLOR OF ACOUSTIC TILE TO MATCH EXISTING BUILDING STANDARD. REF ELECTRICAL SHEETS FOR LIGHTING TYPE, AND LOCATION
2. PATCH, AND PAINT EXISTING DRYWALL CEILING AFFECTED BY DEMOLITION OF WALLS. CEILING COLOR TO MATCH SURROUNDING COLOR
3. PROVIDE RELOCATED LIGHT FIXTURE
4. INSTALL RELOCATED ACT TILE, TYPE, AND COLOR TO MATCH EXISTING BUILDING STANDARD
5. PROVIDE NEW <ACT-2> AND GRID PER CODE THEN INSTALL RELOCATED LIGHT FIXTURE. TYPE, AND COLOR OF ACOUSTIC TILE TO MATCH EXISTING BUILDING STANDARD
6. 1 HOUR RATED TUNNEL CONSTRUCTION HEAD WALL CONDITION REFER TO DETAIL 7/A0.63
7. PATCH EXISTING DRYWALL @ 1 HOUR CORRIDOR AREA AS REQUIRED. TYPICAL WALL CONDITION SHALL HAVE CONTINUOUS TYPE X GYP CONTINUE TO BOTTOM OF STRUCTURAL SLAB. REF TO 2/A0.63, 3/A0.63 FOR HEAD, AND SILL DETAIL. OR DRY WALL SHALL CONTINUE AROUND CEILING FORMING A 1 HOUR TUNNEL CONSTRUCTION. REF TO GENERAL NOTES N,O FOR OTHER REQUIREMENTS
8. PATCH EXISTING ACT (ACT-2) & DRYWALL CEILING DUE TO STRUCTURAL BRACE UPGRADE
9. PROVIDE DRYWALL SOFFIT
10. INSTALL EXISTING LIGHT FIXTURE

LEGEND

- NEW CEILING GRID TYPE, AND COLOR TO MATCH EXISTING BUILDING STANDARD. SCOPE OF WORK SHOWN IN DRAWING ARE INCLUDED BUT NOT LIMIT TO. REFERENCE GENERAL NOTE P FOR OTHER CEILING RELATED SCOPE
- (E) or (N) LIGHT FIXTURE REFER TO ELECTRICAL SHEET FOR LIGHING DETAIL, AND LAYOUT
- (N) EXIT SIGN, COORDINATE WITH ELECTRICAL PLAN FOR LOCATION
- (E) LIGHT FIXTURE TO REMAIN
- INSTALL RELOCATED ACT CEILING AFTER REMOVAL OF RADIENT HEAT PANEL
- (E) CEILING GRID TO REMAIN. REFER TO GENERAL NOTE Q FOR OTHER CEILING RELATED SCOPE
- (N) GYPSUM BOARD CEILING
- (E) RELOCATED EMERGENCY BATTERY UNIT. REFER TO ELECTRICAL DRAWING FOR LOCATION

CLIENT:

LB CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

HGA
Architecture | Engineering | Planning
Hammel, Green and Abrahamson, Inc.
1880 Century Park East - Suite 608
Los Angeles, California USA 90067
Telephone 310.557.7600 Facsimile 310.553.1668

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SECURITY Schirmer Engineering	(310) 782-0850

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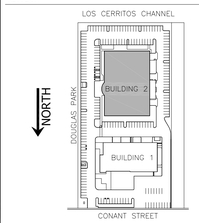
08.08.2011- RECORD DRAWING

REVISION HISTORY - THIS SHEET

KEY PLAN



BUILDING 2 - FIRST FLOOR REFLECTED CEILING PLAN

COMM. NO.	3045-002-00
SCALE	1/8"
DATE	August 8, 2011
DRAWN	AOHARE

RECORD DRAWING

A301B

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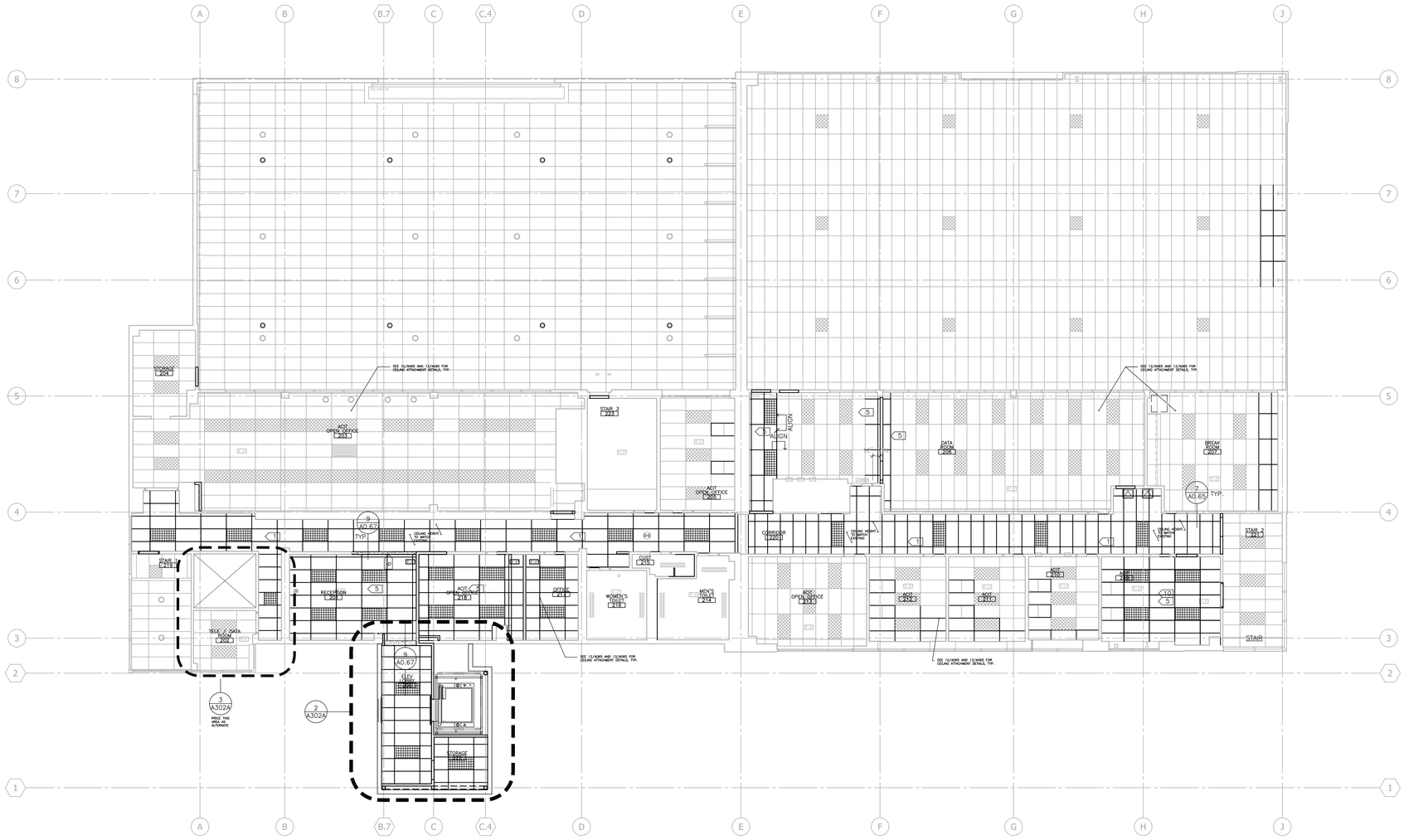
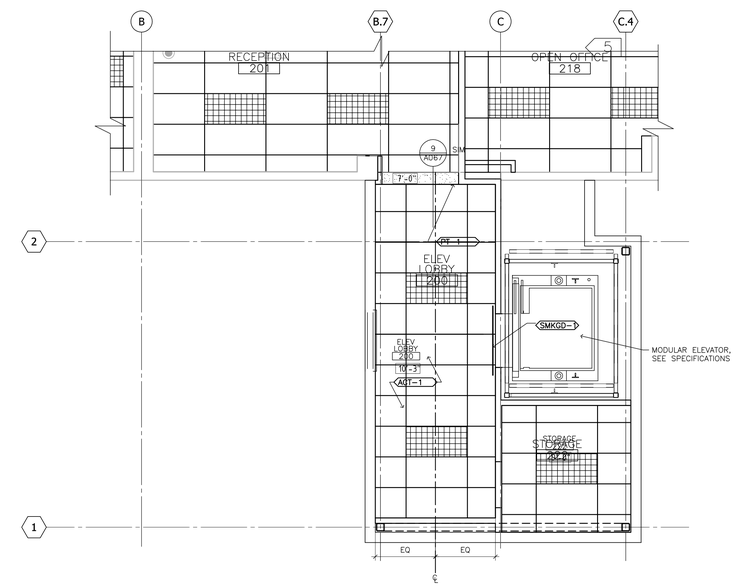
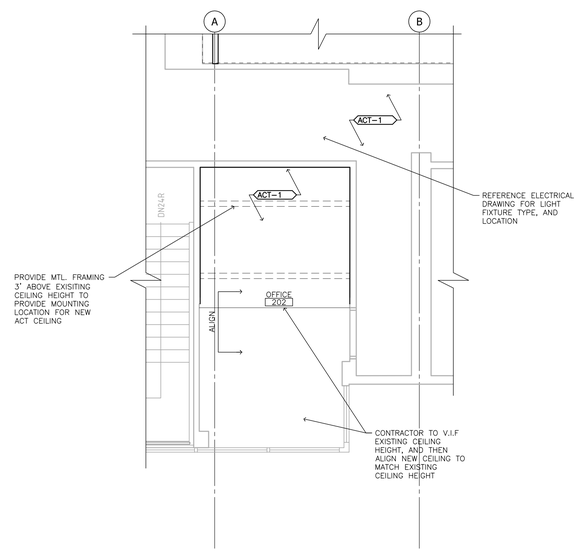


1 BUILDING 1 - SECOND FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"



2 BUILDING 1 - ENLARGED SECOND FLOOR PLAN (PHASE 1)
1/4" = 1'-0"



3 BUILDING 1 - ENLARGED SECOND FLOOR PLAN AREA PRICE AS ALTERNATE
1/4" = 1'-0"

REFLECTED CEILING PLAN GENERAL NOTES

A. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR DEVICE/FIXTURE TYPES, SIZES, INSTALLATION, AND SPECIFICATIONS.

B. VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO CEILING INSTALLATION.

C. CEILING PLAN SHOWS DESIGN INTENT ONLY. REFER TO SPECIFICATION AS WELL AS MECHANICAL AND ELECTRICAL DRAWINGS FOR DEVICES, TYPES, AND INSTALLATION. NOTE: DEVICES SHOWN ON ARCHITECTURAL PLAN AND NOT ON THE ENGINEERING DRAWINGS OR SPECIFICATION SHOULD BE BROUGHT TO ARCHITECT'S ATTENTION FOR CLARIFICATION.

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E. CEILING HEIGHTS ARE DIMENSIONED FROM FLOOR LINE DESIGN ELEVATION TO FINISHED CEILING WHICH SHALL BE 8'-0" UNO.

F. CENTER RECESSED LIGHTS, ELECTRICAL AND MECHANICAL DEVICES AND SPRINKLER HEADS WHEN SHOWN IN CEILING TILE. WHERE RECESSED LIGHTS ARE SHOWN OFF-CENTER IN A 2X4 SCORED CEILING TILE, CENTER THE FIXTURE WITHIN THE 2X2 PORTION OF THE TILE.

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REFLECTED CEILING PLAN KEYNOTES (##)

1. PROVIDE NEW <ACT-2> ; NEW GRID LOCATION SHALL MATCH LAYOUT OF PREVIOUSLY REMOVED GRID LOCATION, U.N.O. INSTALL RELOCATED OR NEW LIGHT FIXTURE, UTILIZING (E) J BOX. TYPE, AND COLOR OF ACOUSTIC TILE TO MATCH EXISTING BUILDING STANDARD. REF ELECTRICAL SHEETS FOR LIGHTING TYPE, AND LOCATION
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- (E) RELOCATED EMERGENCY BATTERY UNIT. REFER TO ELECTRICAL DRAWING FOR LOCATION

CLIENT:

LB CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

HMA.
Architecture | Engineering | Planning
Hammel, Green and Abrahamson, Inc.
1880 Century Park East - Suite 608
Los Angeles, California USA 90067
Telephone 310.557.7600 Facsimile 310.553.1668

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SECURITY
Schirmer Engineering (310) 782-0850

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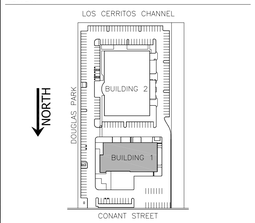

BUILDING 1 - SECOND FLOOR REFLECTED CEILING PLAN

COMM. NO. 3045-002-00
SCALE 1/8"
DATE August 16, 2011
DRAWN AOHARE

RECORD DRAWING

A302A

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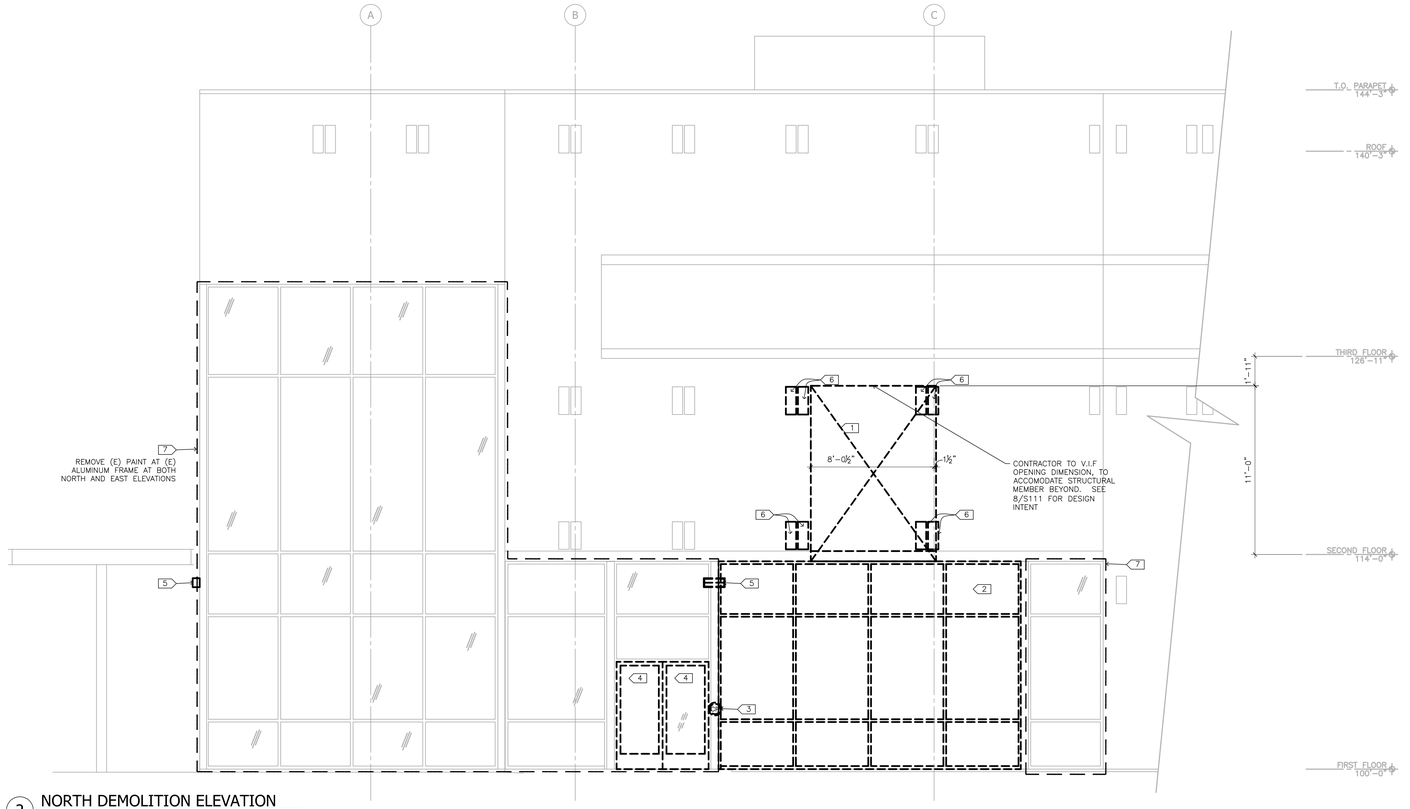
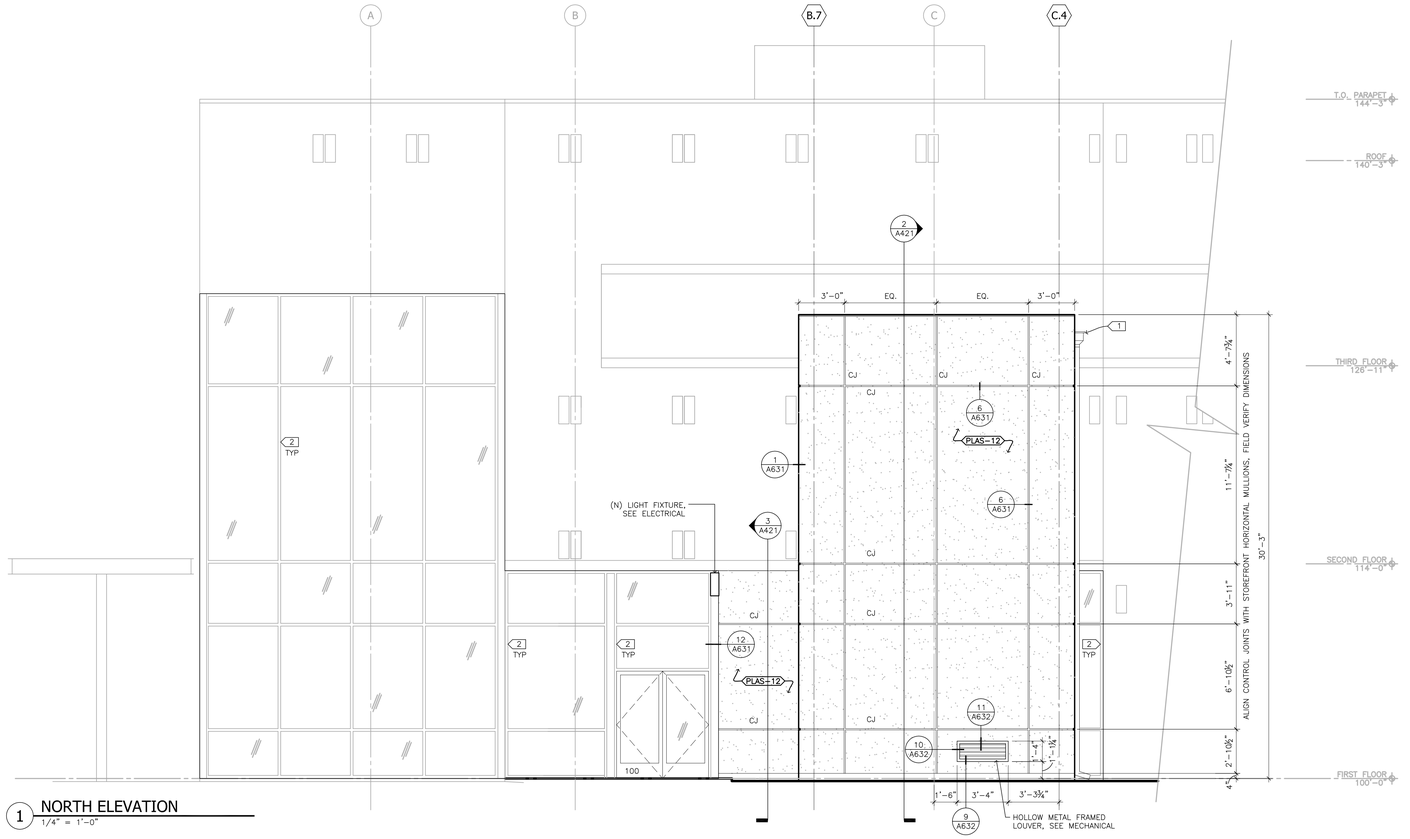


2 NORTH DEMOLITION ELEVATION
1/4" = 1'-0"



1 NORTH ELEVATION
1/4" = 1'-0"

DEMOLITION ELEVATION KEYNOTES {#}

1. SAWCUT HOLE IN EXISTING EXTERIOR WALL TO PROVIDE CONNECTION TO NEW ELEVATOR LOBBY, SEE STRUCTURAL FOR MORE INFORMATION.
2. REMOVE EXISTING ALUMINUM STOREFRONT.
3. REMOVE CARD READER, PATCH ALUMINUM FRAME AS REQUIRED.
4. REMOVE EXISTING DOOR AND HARDWARE; FRAME TO REMAIN.
5. REMOVE EXISTING SCONCE AND PATCH COLUMN ENCLOSURE AS REQUIRED, SEE ELECTRICAL.
6. REMOVE EXISTING WALL PROJECTION.
7. REMOVE (E) PAINT FROM (E) ALUMINUM FRAMING SYSTEM AMD PREPARE FOR (N) PAINT.

LEGEND

EXISTING ELEMENT TO BE DEMOLISHED

ELEVATION KEYNOTES {#}

1. NEW ALUMINUM CONDUCTER HEAD AND DOWNSPOUT, SEE 4/A073.
2. PAINT EXISTING ALUMINUM FRAMING SYSTEM (PT-4)

ELEVATION GENERAL NOTES

1. SEE SHEET A080 FOR OPENING SCHEDULE
2. SEE SHEET A012 FOR MATERIAL IDENTIFICATION CODES
3. SEE SHEET A080 FOR CURTAINWALL ELEVATION

CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

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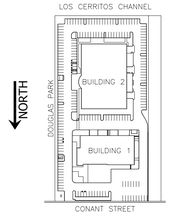

BUILDING 1 - EXTERIOR DEMOLITION ELEVATION AND NEW ELEVATION

COMM. NO. 3045-002-00
SCALE
DATE August 16, 2011
DRAWN AOHARE

RECORD DRAWING

A400

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2 EAST ELEVATION
1/4" = 1'-0"

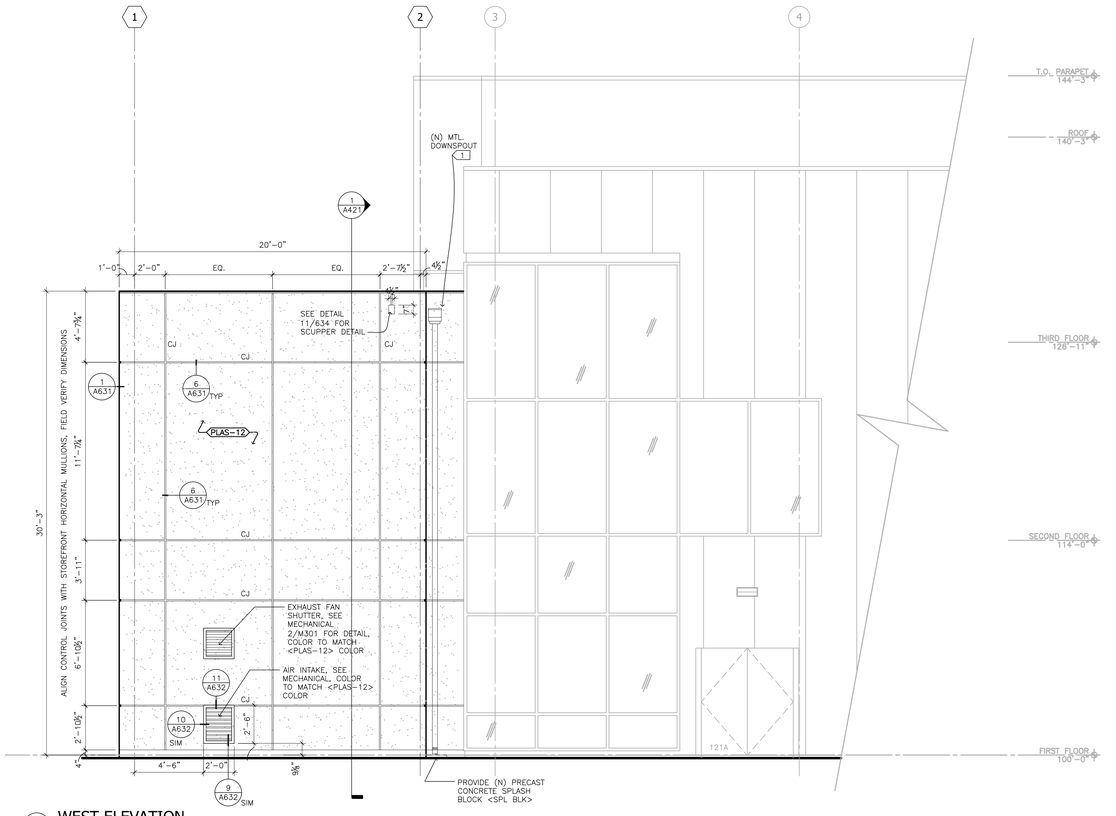
SEE 1/A638 FOR DETAIL

ELEVATION KEYNOTES ⟨##⟩

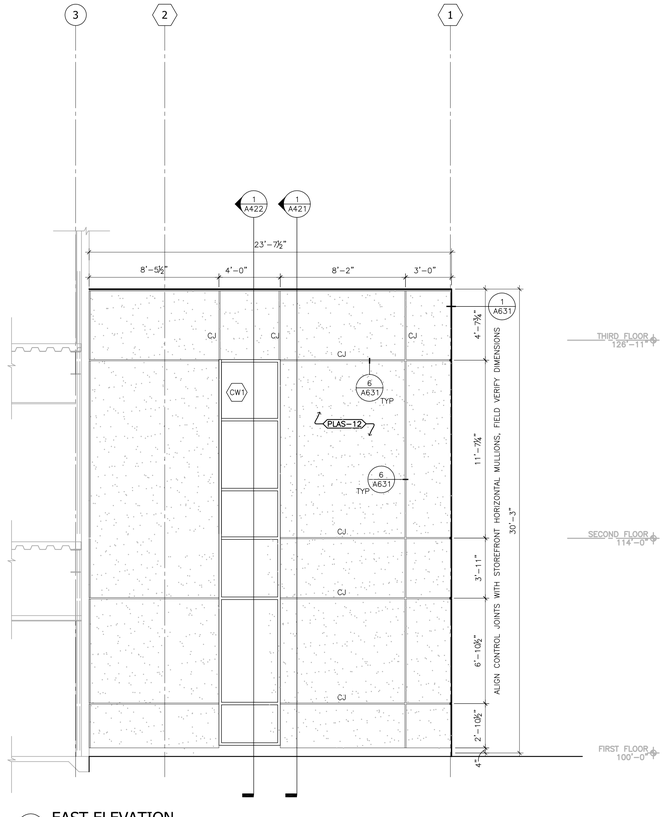
1. NEW ALUMINUM CONDUCTOR HEAD AND DOWNSPOUT, SEE 4/A073.
2. PAINT EXISTING ALUMINUM FRAMING SYSTEM (PT-4)

ELEVATION GENERAL NOTES

1. SEE SHEET A080 FOR OPENING SCHEDULE
2. SEE SHEET A012 FOR MATERIAL IDENTIFICATION CODES
3. SEE SHEET A080 FOR CURTAINWALL ELEVATION



1 WEST ELEVATION
1/4" = 1'-0"



3 EAST ELEVATION
1/4" = 1'-0"

CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

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BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

hga

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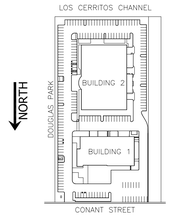

BUILDING 1 - EXTERIOR ELEVATIONS

COMM. NO. 3045-002-00
SCALE
DATE August 16, 2011
DRAWN AOHARE

RECORD DRAWING

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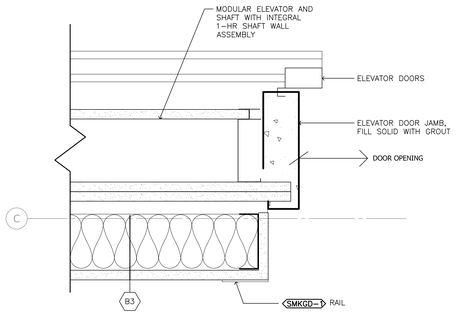
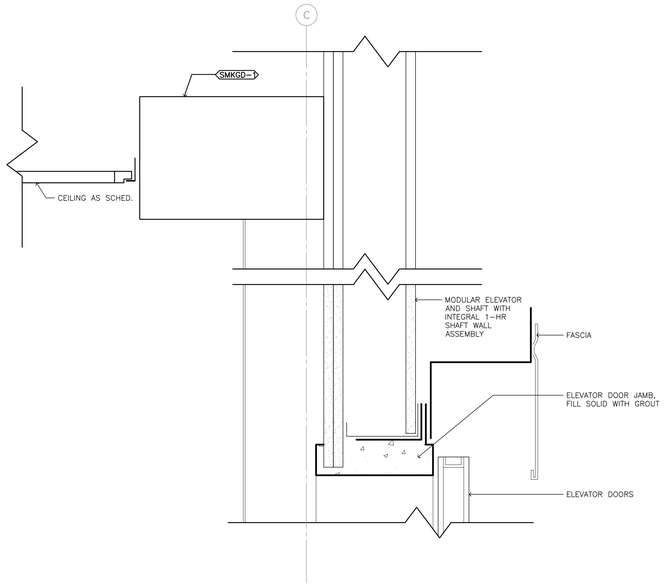
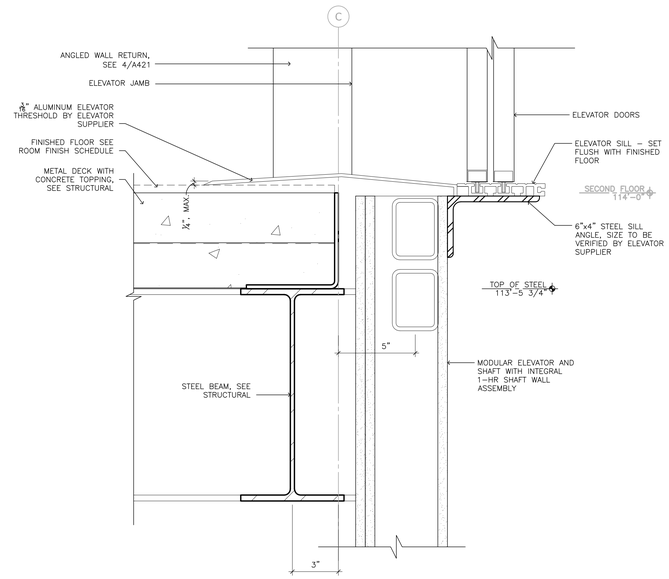


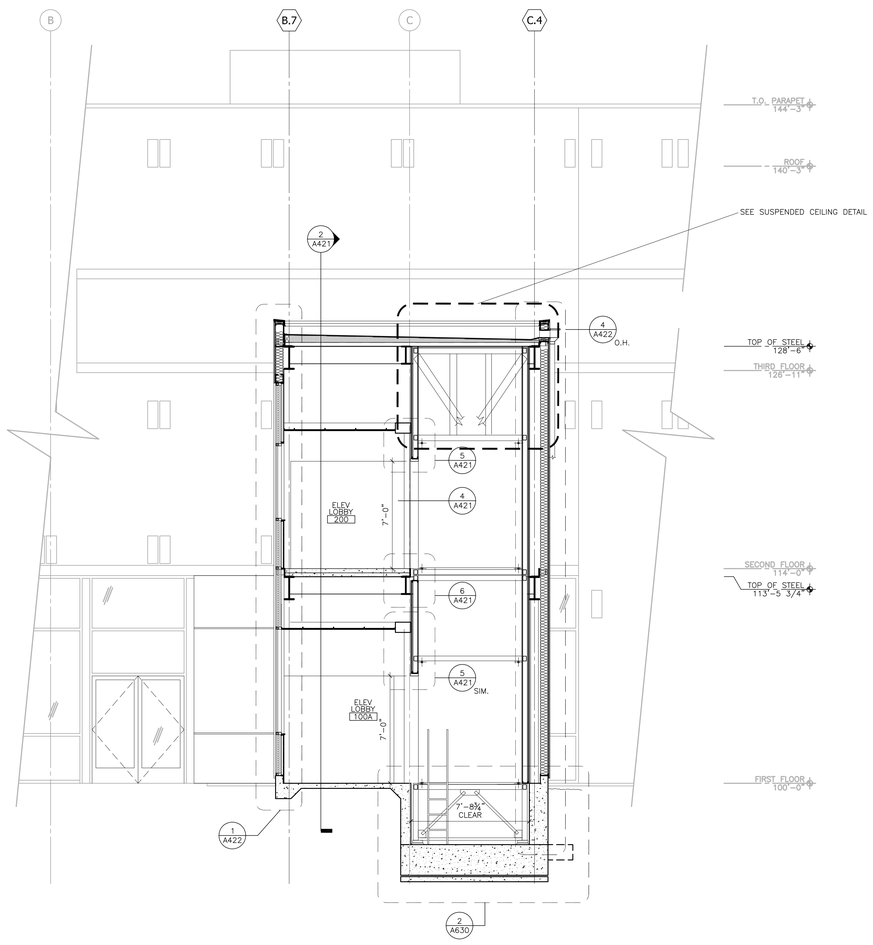
4 ELEVATOR JAMB
SCALE: 3" = 1'-0"



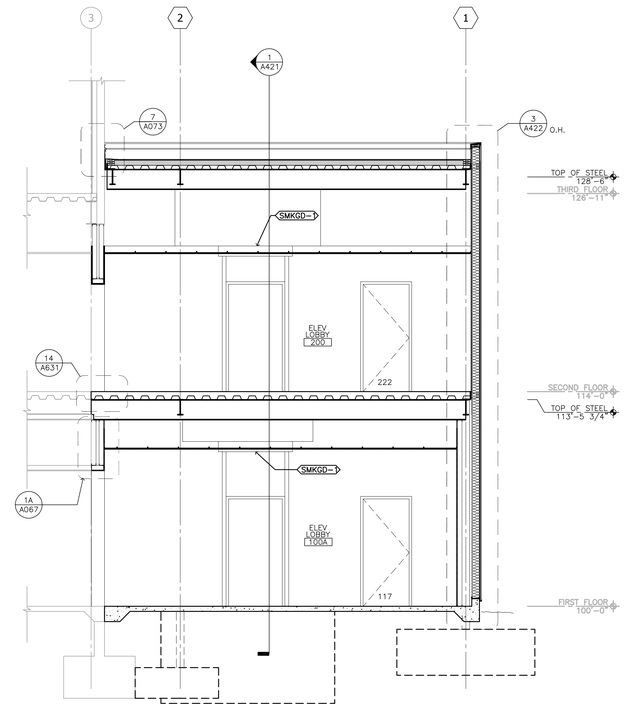
5 ELEVATOR HEAD
SCALE: 3" = 1'-0"



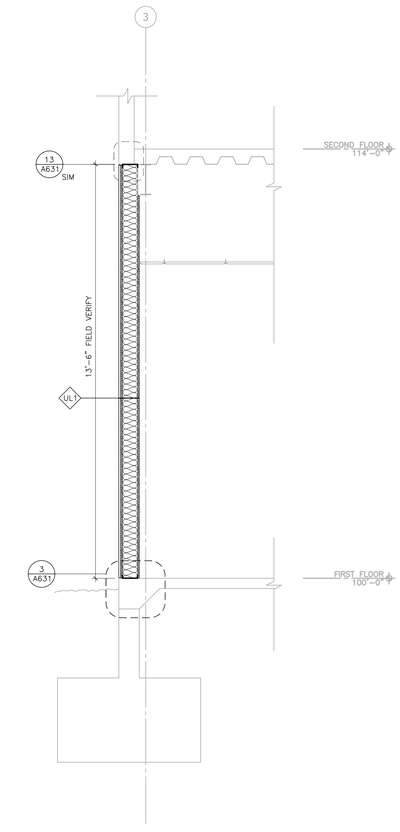
6 ELEVATOR SILL
SCALE: 3" = 1'-0"



1 BUILDING SECTION
1/4" = 1'-0"



2 BUILDING SECTION (NEW ELEVATOR TOWER AND EXISTING BUILDING)
1/4" = 1'-0"



3 EXTERIOR WALL SECTION
1/2" = 1'-0"

CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

hga
Architecture | Engineering | Planning
Hammel, Green and Abrahamson, Inc.
1880 Century Park East - Suite 608
Los Angeles, California USA 90067
Telephone 310.557.7600 Facsimile 310.553.1668

CONSULTANTS:

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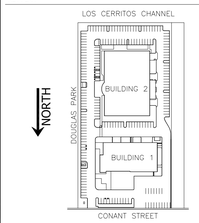
CIVIL JMC2	(310) 241-6550
MECHANICAL / ELECTRICAL / PLUMBING M-E Engineers	(310) 842-8700
DATA / TELECOM Vantage Technology Consulting Group	(310) 536-7676
SECURITY Schirmer Engineering	(310) 782-0850

SIGNATURE BLOCK

08.16.2011- RECORD DRAWING

REVISION HISTORY - THIS SHEET

KEY PLAN



BUILDING 1 - BUILDING SECTIONS

COMM. NO.	3045-002-00
SCALE	1/8"
DATE	August 16, 2011
DRAWN	AOHARE

RECORD DRAWING

A421

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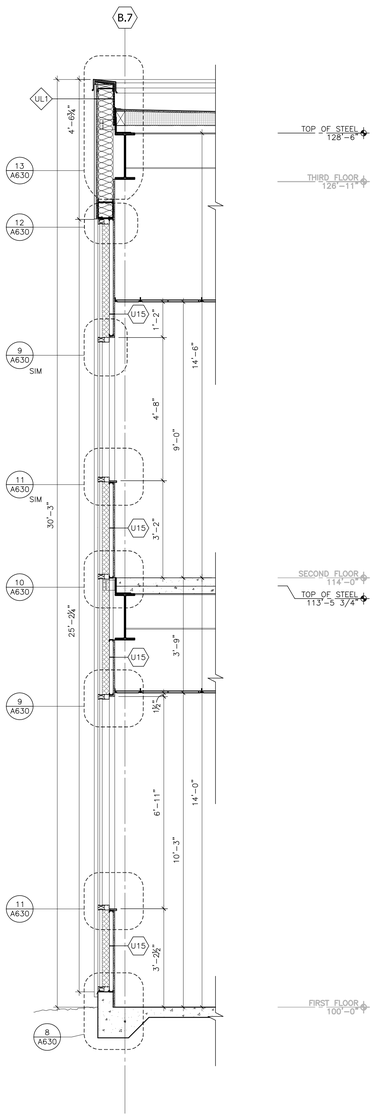
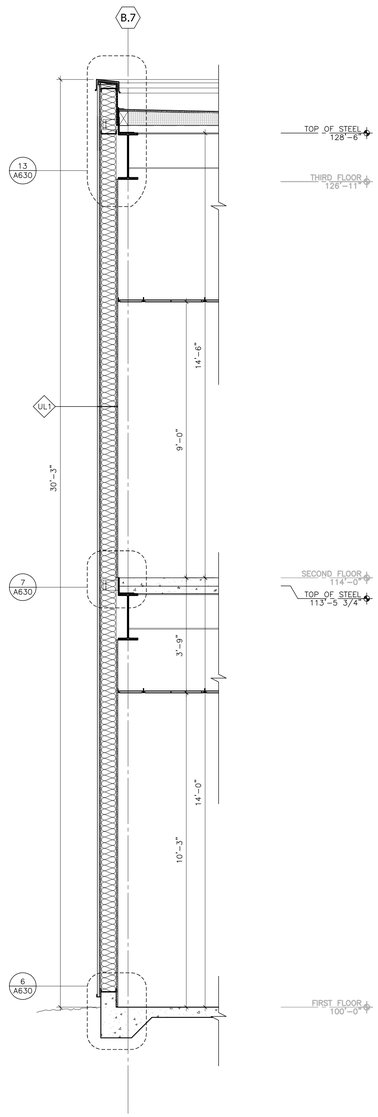
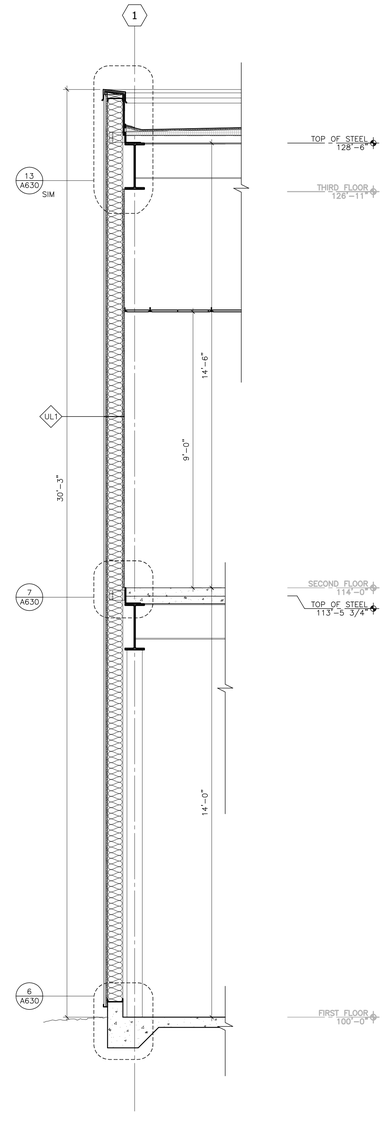


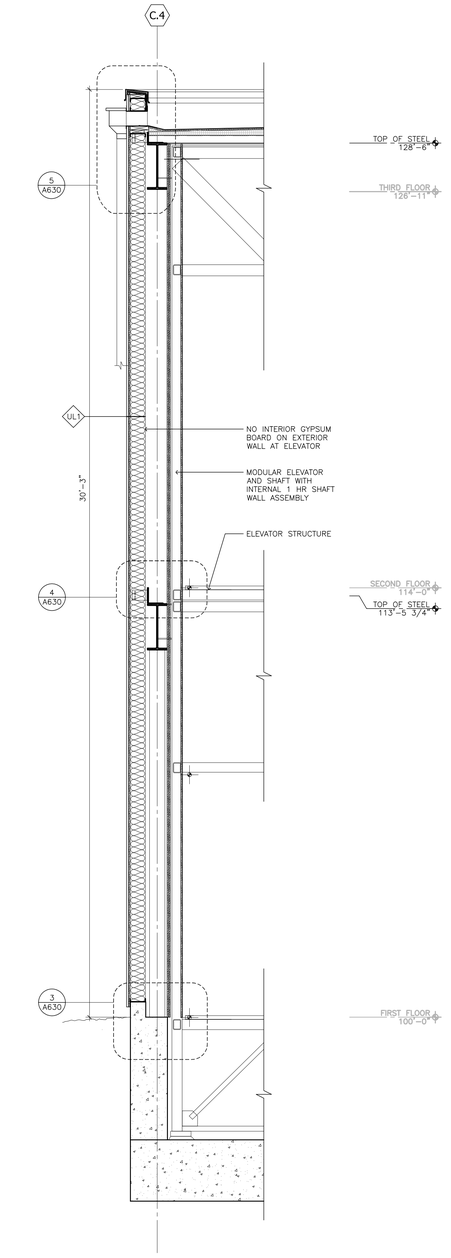
1 WALL SECTION
1/2" = 1'–0"



2 WALL SECTION
1/2" = 1'–0"



3 WALL SECTION
1/2" = 1'–0"



4 WALL SECTION
1/2" = 1'–0"

CLIENT:

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

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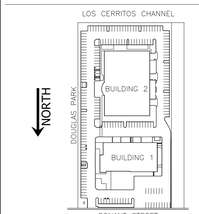

BUILDING 1 - WALL SECTIONS

COMM. NO. 3045–002–00
SCALE 1/8"
DATE August 16, 2011
DRAWN AOHARE

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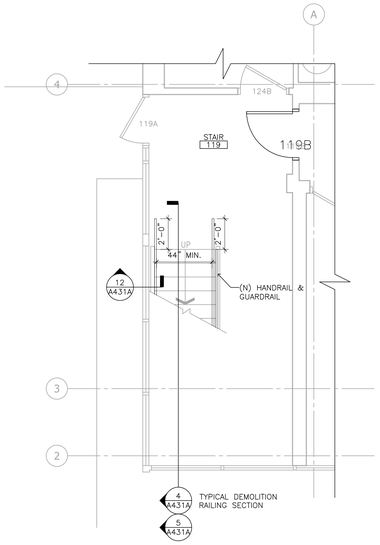
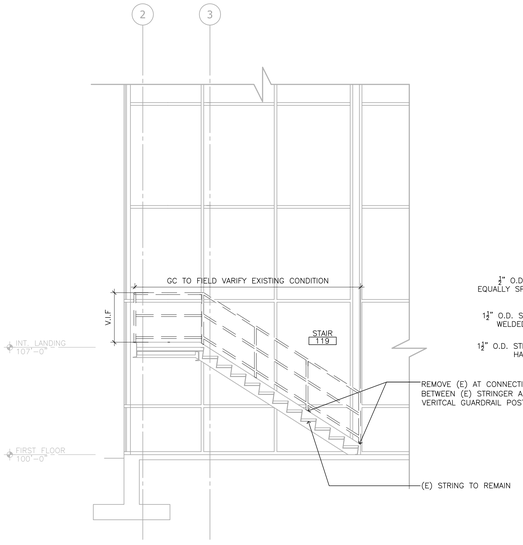
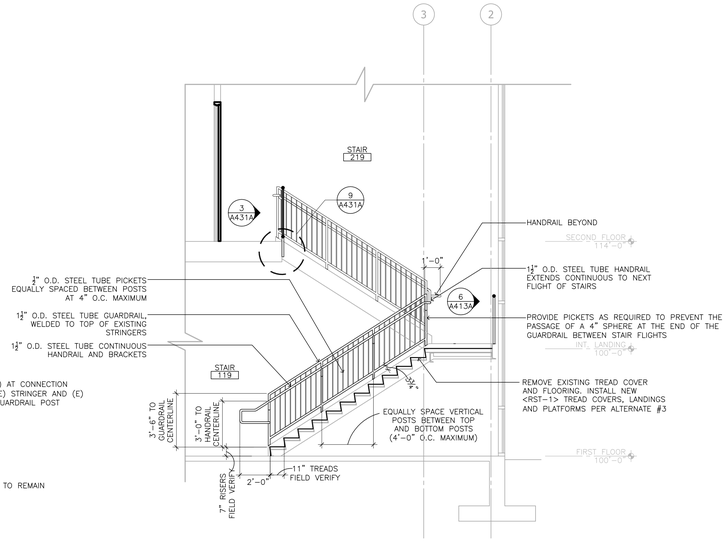


1 FIRST FLOOR ENLARGED FLOOR PLAN
1/4" = 1'-0"



4 TYPICAL STAIR DEMOLITION SECTION
1/4" = 1'-0"

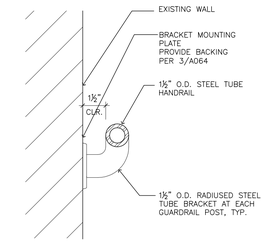


7 STAIR SECTION
1/4" = 1'-0"

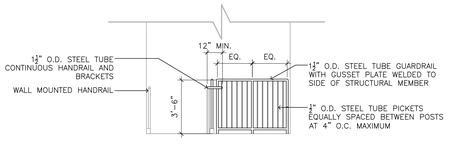
2 SECOND FLOOR ENLARGED FLOOR PLAN
1/4" = 1'-0"

5 STAIR SECTION
1/4" = 1'-0"

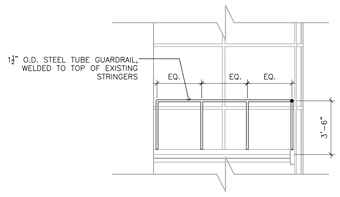
8 STAIR SECTION
1/4" = 1'-0"



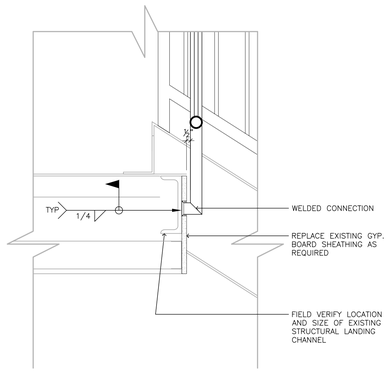
12 CONNECTION OF HANDRAIL TO EXISTING WALL
3" = 1'-0"



3 RAILING ELEVATION
1/4" = 1'-0"



6 RAILING ELEVATION
1/4" = 1'-0"



9 VERT. POST TO LANDING
1 1/2" = 1'-0"

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CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

HGA

Architecture | Engineering | Planning
Hammel, Green and Abrahamson, Inc.
1180 Century Park East - Suite 608
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CIVIL
JMC2 (310) 241-6550

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M-E Engineers (310) 842-8700

DATA / TELECOM
Vantage Technology Consulting Group (310) 536-7676

SECURITY
Schirmer Engineering (310) 782-0850

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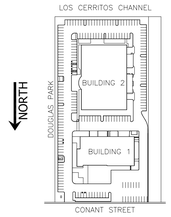
KEY PLAN



BUILDING 1 - ENLARGED STAIR 1 PLAN, SECTION DETAILS

COMM. NO. 3045-002-00
SCALE 1/8"
DATE August 16, 2011
DRAWN AOHARE

RECORD DRAWING

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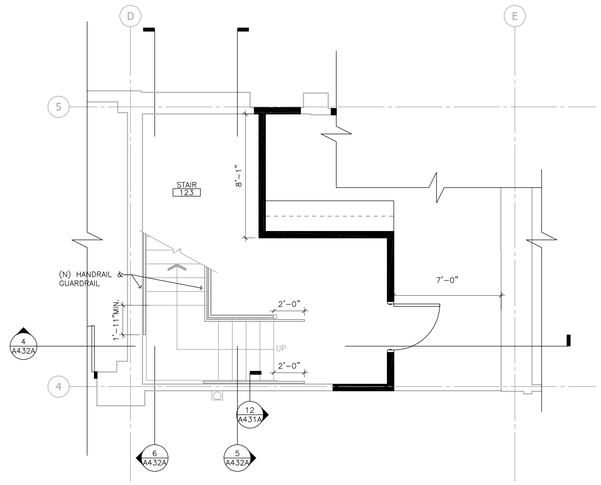
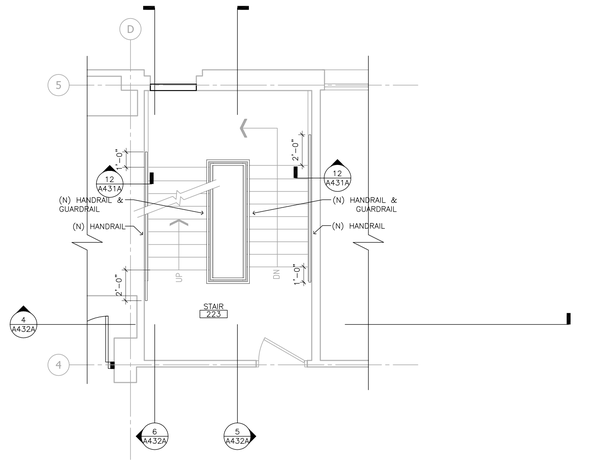
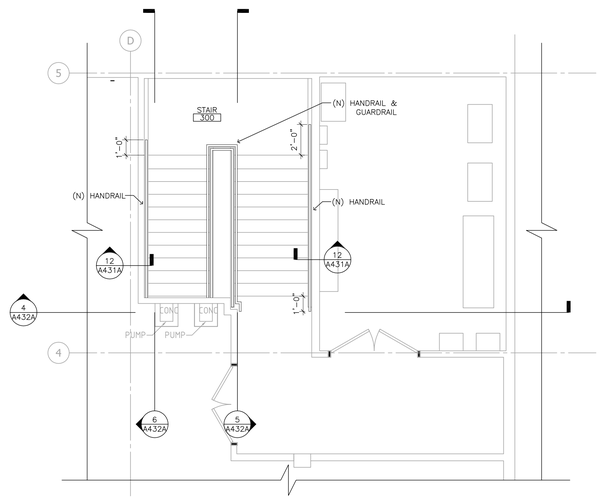


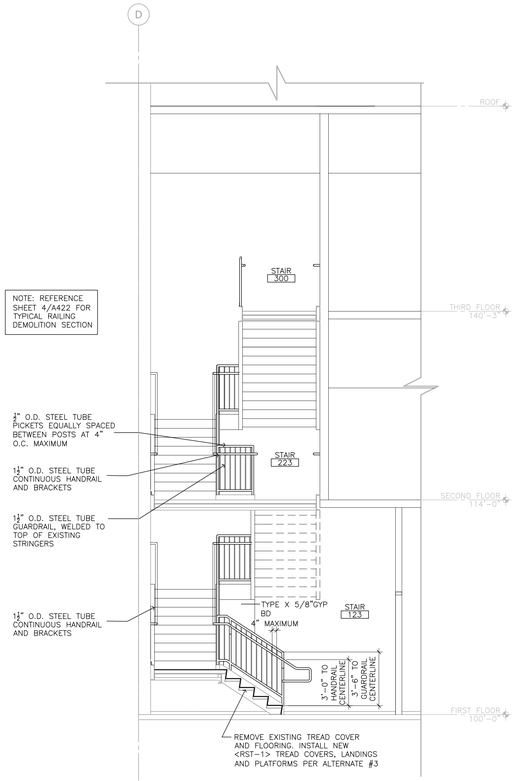
1 FIRST FLOOR ENLARGED FLOOR PLAN
1/4" = 1'-0"



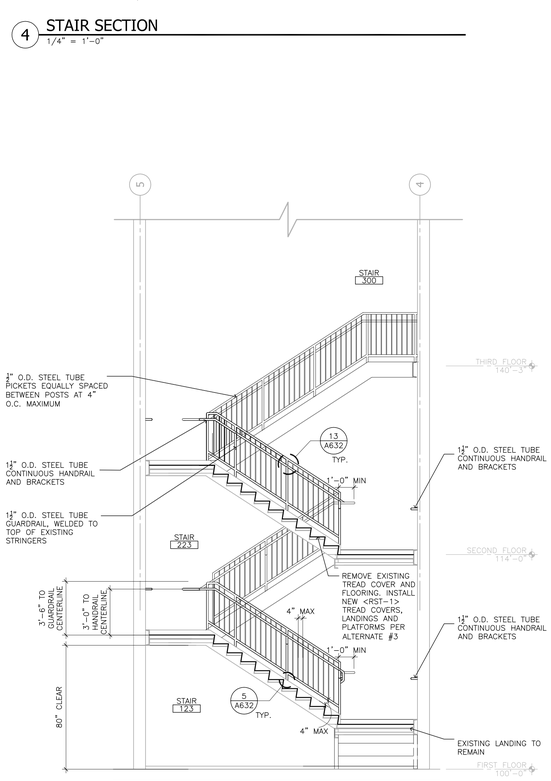
2 SECOND FLOOR ENLARGED FLOOR PLAN
1/4" = 1'-0"



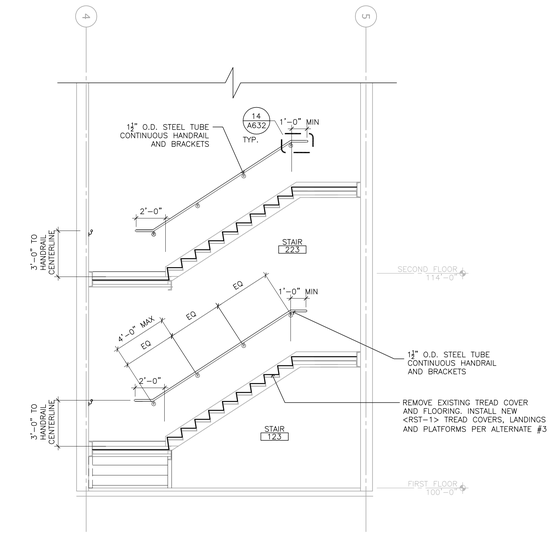
3 THIRD FLOOR ENLARGED FLOOR PLAN
1/4" = 1'-0"



4 STAIR SECTION
1/4" = 1'-0"



5 STAIR SECTION
1/4" = 1'-0"



6 STAIR SECTION
1/4" = 1'-0"

CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

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Architecture | Engineering | Planning
Hammel, Green and Abrahamson, Inc.
1180 Century Park East - Suite 608
Los Angeles, California USA 90067
Telephone 310.557.7600 Facsimile 310.553.1668

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SECURITY Schirmer Engineering	(310) 782-0850

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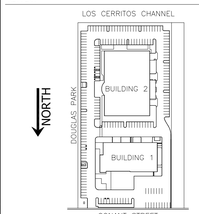

BUILDING 1 - ENLARGED STAIR 1 PLAN, SECTION DETAILS

COMM. NO.	3045-002-00
SCALE	1/8"
DATE	August 16, 2011
DRAWN	AOHARE

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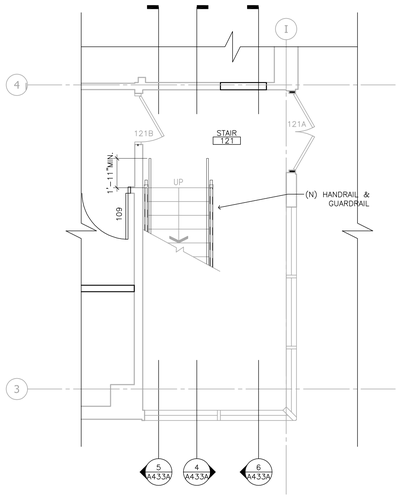
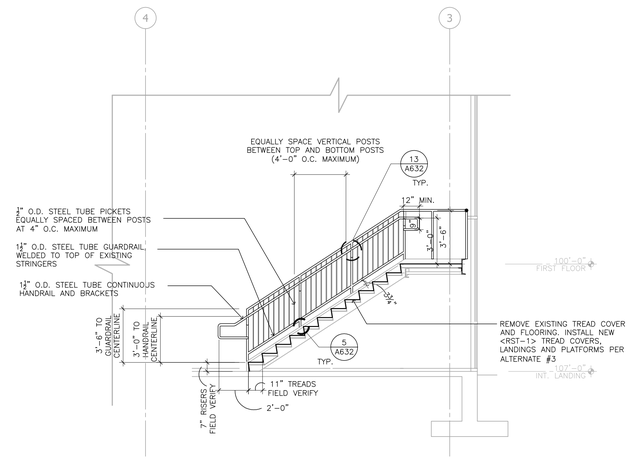
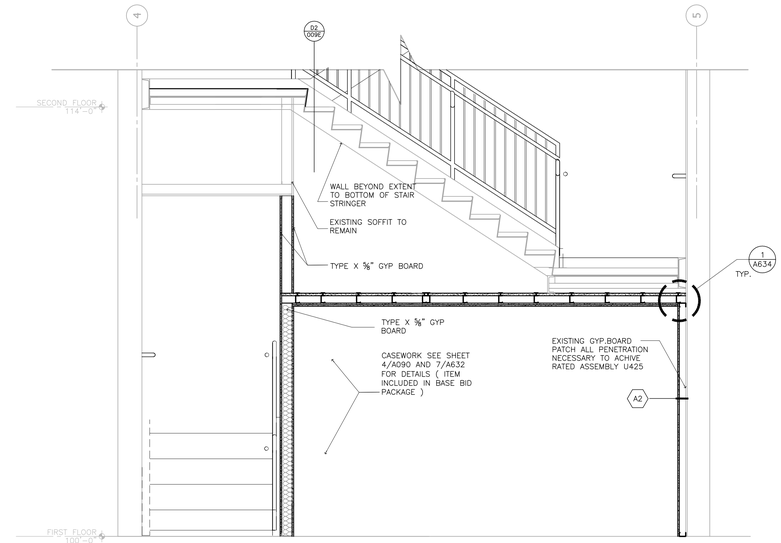


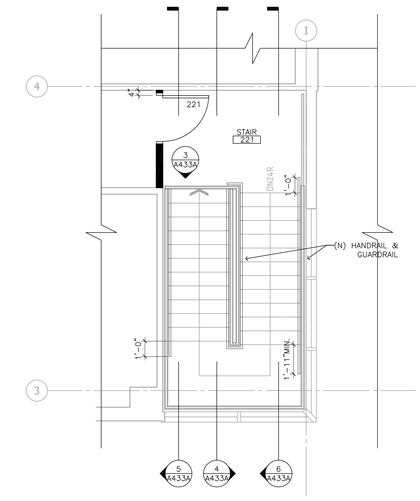
1 FIRST FLOOR ENLARGED FLOOR PLAN
1/4" = 1'-0"



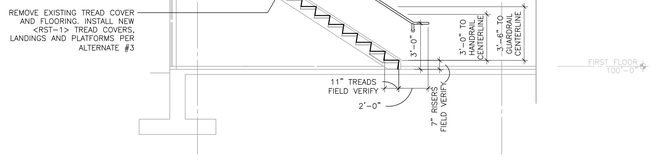
4 STAIR SECTION
1/4" = 1'-0"



7 STAIR SECTION
1/2" = 1'-0"

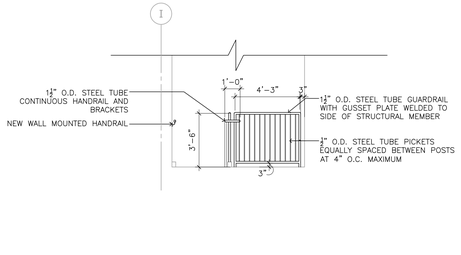


2 SECOND FLOOR ENLARGED FLOOR PLAN
1/4" = 1'-0"

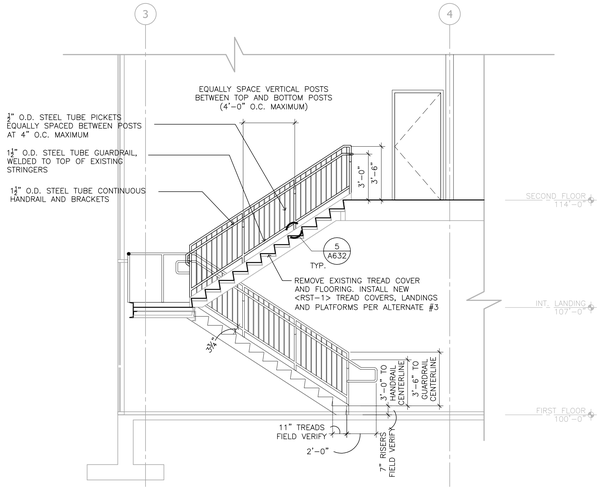


5 STAIR SECTION
1/4" = 1'-0"

8 STAIR SECTION
1/4" = 1'-0"



3 STAIR ELEVATION
1/4" = 1'-0"



6 STAIR SECTION
1/4" = 1'-0"

CLIENT:

CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

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REVISION HISTORY - THIS SHEET

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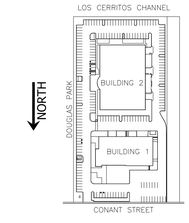

BUILDING 1 - ENLARGED STAIR 1 PLAN, SECTION DETAILS

COMM. NO.	3045-002-00
SCALE	1/8"
DATE	August 16, 2011
DRAWN	AOHARE

RECORD DRAWING

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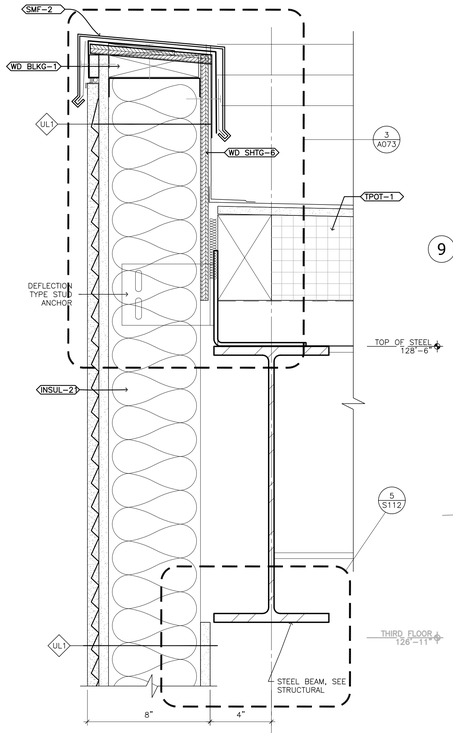
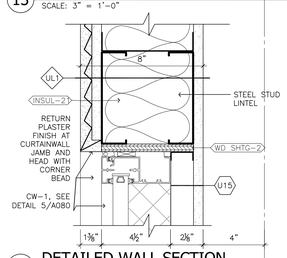
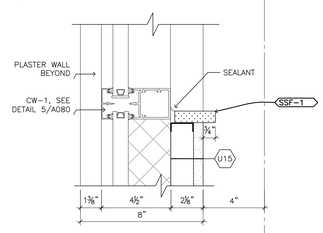


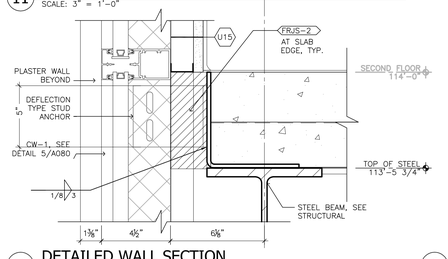
13 DETAILED WALL SECTION
SCALE: 3" = 1'-0"



12 DETAILED WALL SECTION
SCALE: 3" = 1'-0"



11 DETAILED WALL SECTION
SCALE: 3" = 1'-0"



10 DETAILED WALL SECTION
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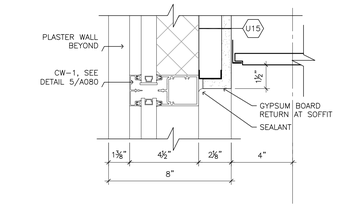

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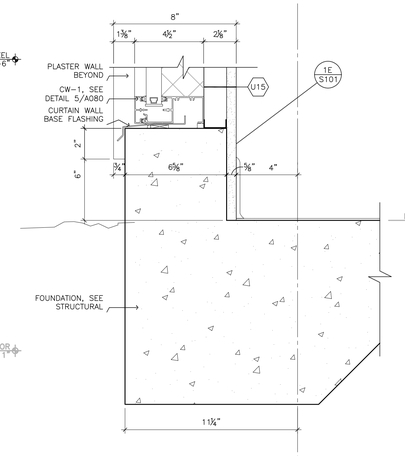

8 DETAILED WALL SECTION
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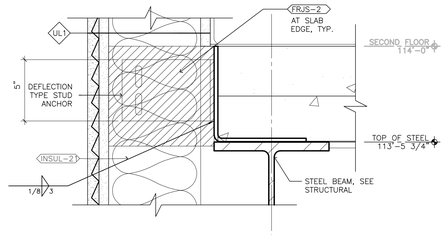

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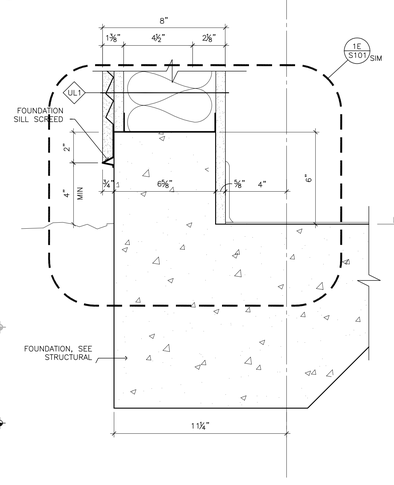

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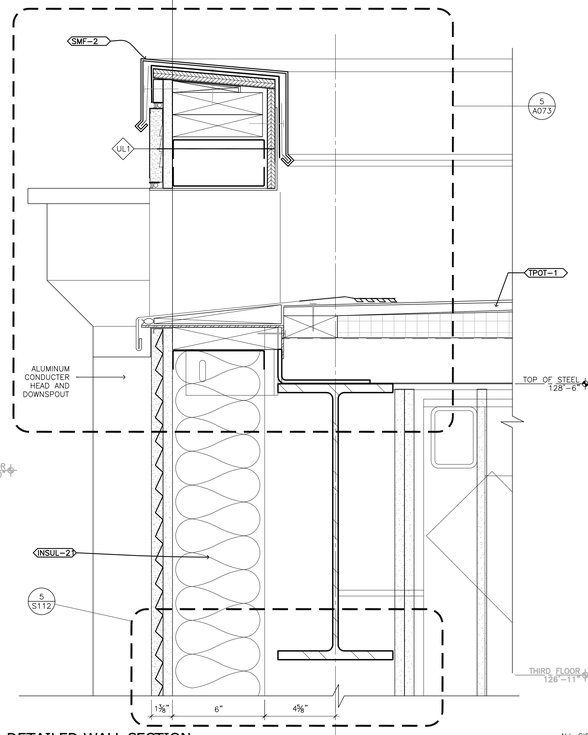

5 DETAILED WALL SECTION
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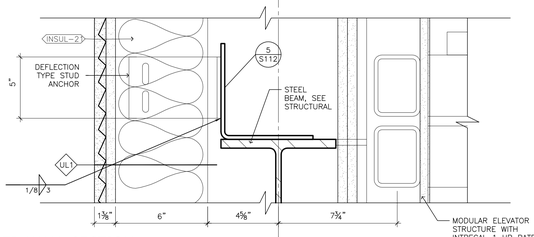

4 DETAILED WALL SECTION
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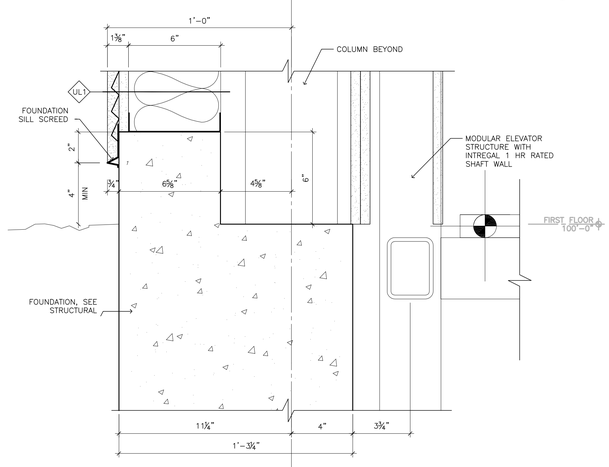

3 DETAILED WALL SECTION
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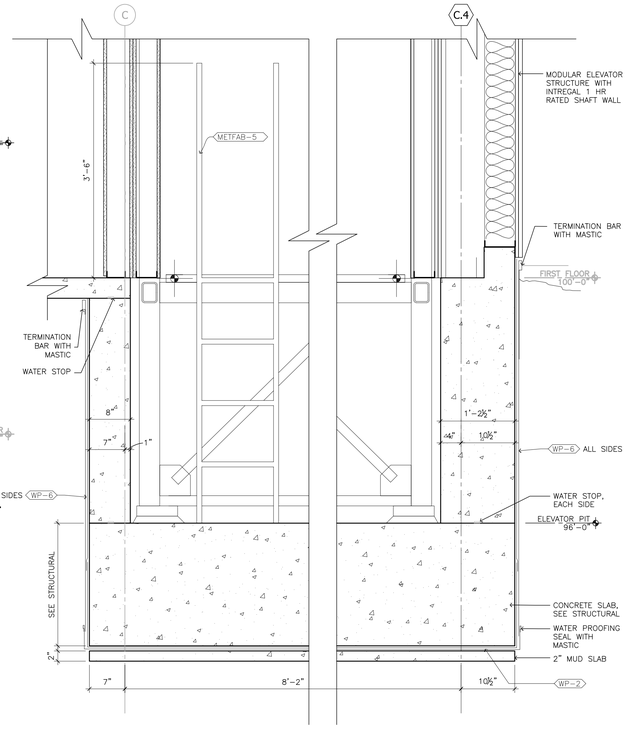

2 ELEVATOR PIT VAPOR BARRIER
1" = 1'-0"

CLIENT:

LB CITY COLLEGE

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

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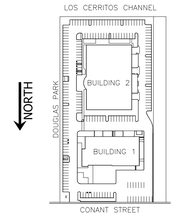

DETAILS

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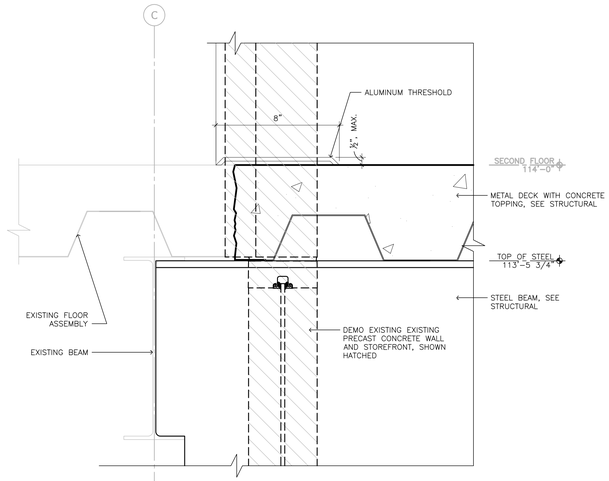

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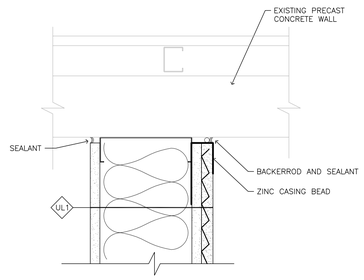
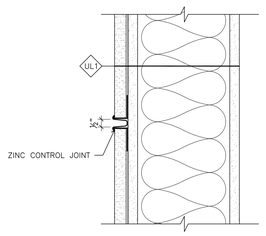
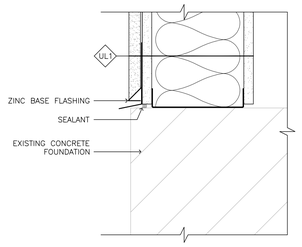


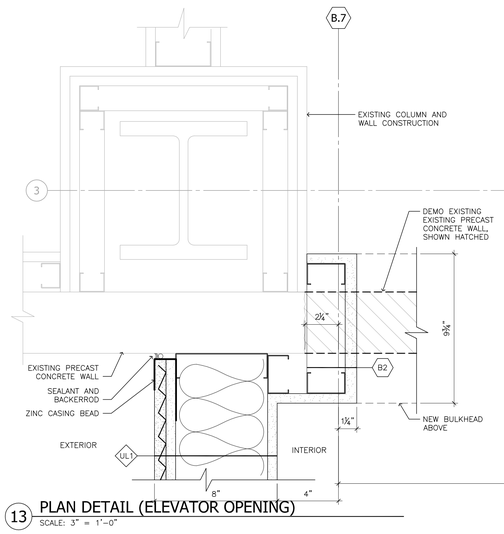
11 PLAN DETAIL
3" = 1'-0"



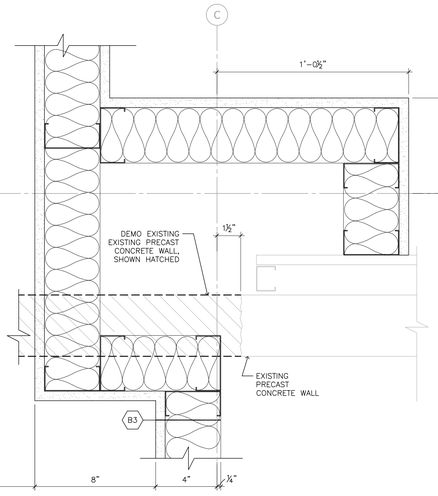
6 WALL CONTROL JOINT
SCALE: 3" = 1'-0"



3 WALL BASE DETAIL
SCALE: 3" = 1'-0"



13 PLAN DETAIL (ELEVATOR OPENING)
SCALE: 3" = 1'-0"



10 PLAN DETAIL (ELEVATOR OPENING)
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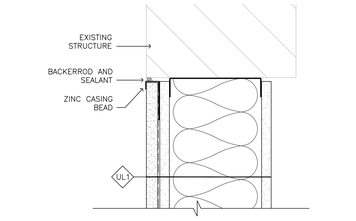
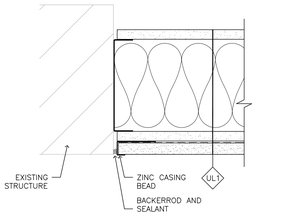


5 WALL HEAD DETAIL
SCALE: 3" = 1'-0"



2 WALL TERMINATION DETAIL
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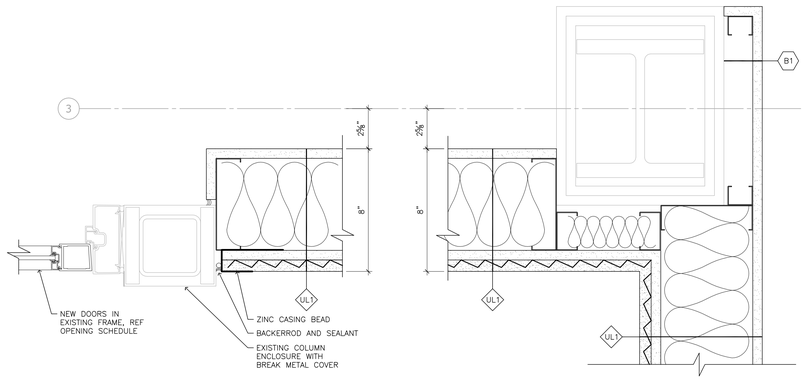
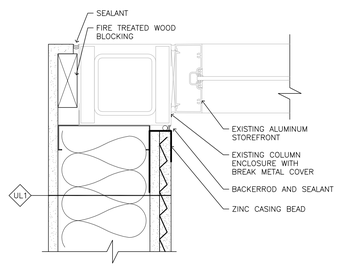


12 PLAN DETAIL
SCALE: 3" = 1'-0"

9 PLAN DETAIL
SCALE: 3" = 1'-0"



7 PLAN DETAIL
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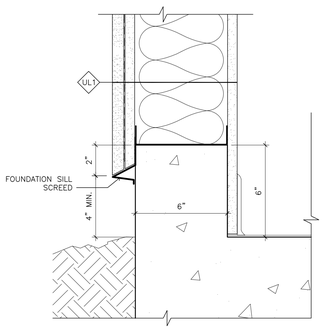

4 WALL BASE DETAIL
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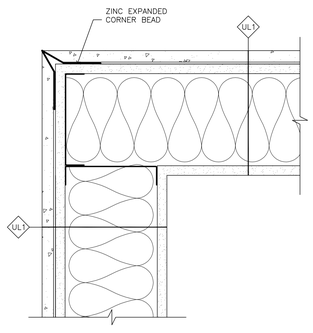

1 WALL CORNER DETAIL
SCALE: 3" = 1'-0"

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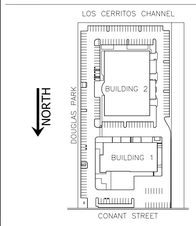

DETAILS

COMM. NO.	3045-002-00
SCALE	VARIES
DATE	August 16, 2011
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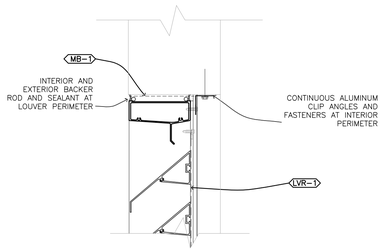
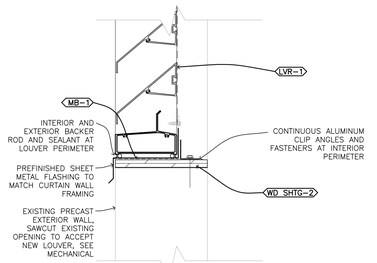
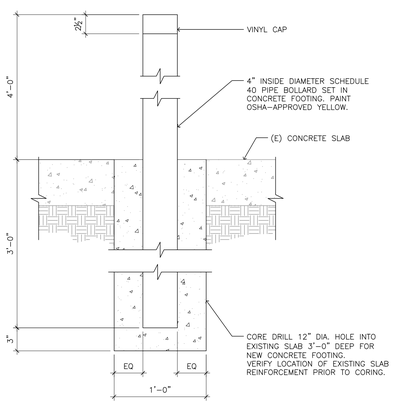


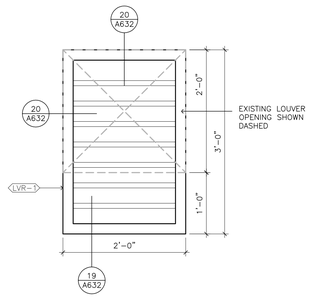
20 LOUVER HEAD/JAMB
1/4" = 1'-0"



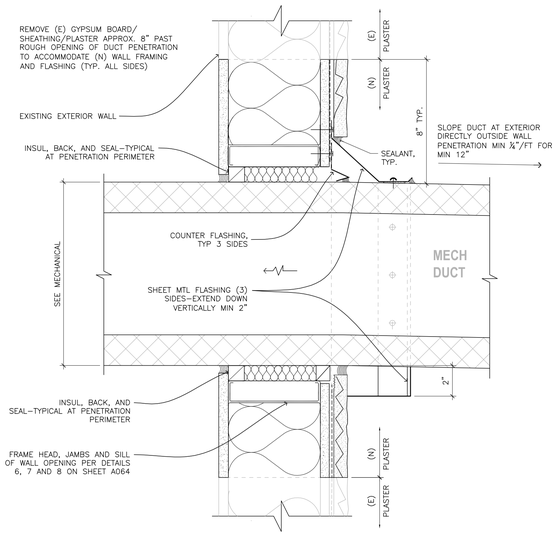
19 LOUVER SILL
1/4" = 1'-0"



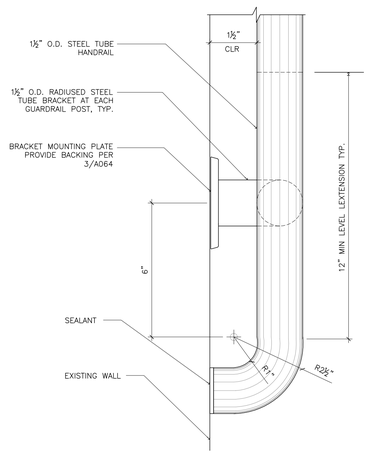
18 BOLLARD SECTION
1 1/2" = 1'-0"



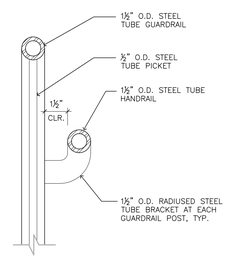
17 STAIR CLOSURE DETAIL
1" = 1'-0"



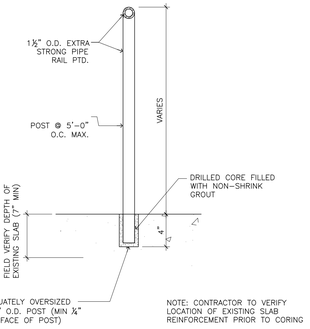
15 DUCT PENETRATION AT EXTERIOR WALL
3" = 1'-0"



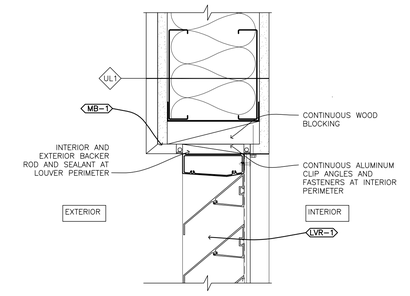
14 TYPICAL WALL MTD HANDRAIL RETURN AT WALLS
6" = 1'-0"



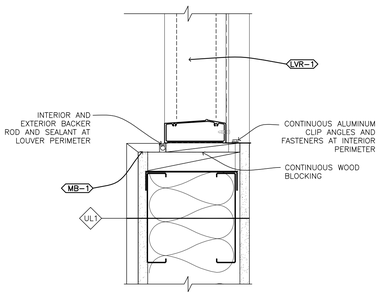
13 CONNECTION OF HANDRAIL TO GUARDRAIL
3" = 1'-0"



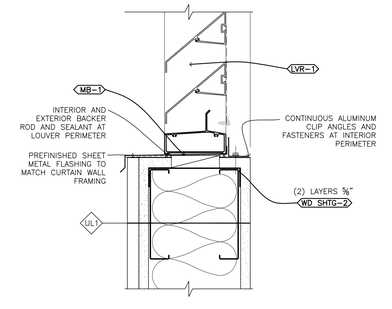
12 RAILING AT CONCRETE SLAB
1 1/2" = 1'-0"



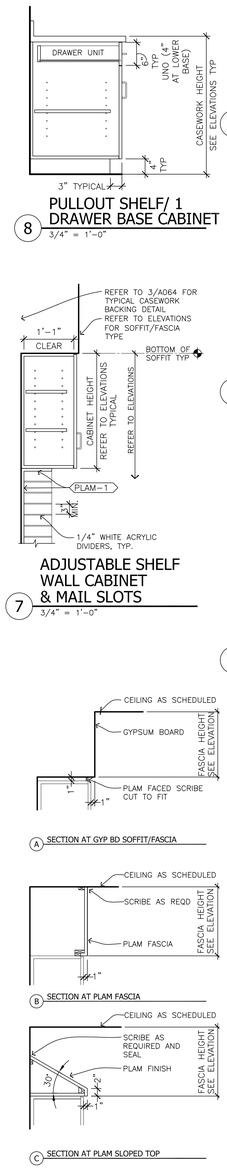
11 LOUVER HEAD
3" = 1'-0"



10 LOUVER JAMB
3" = 1'-0"



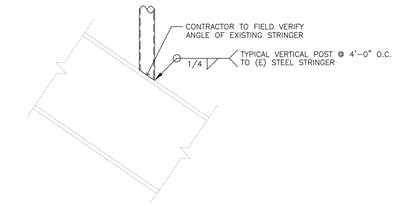
9 LOUVER SILL
3" = 1'-0"



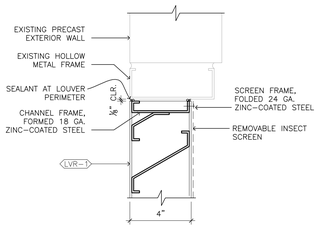
8 PULLOUT SHELF/ 1 DRAWER BASE CABINET
3/4" = 1'-0"

7 ADJUSTABLE SHELF WALL CABINET & MAIL SLOTS
3/4" = 1'-0"

6 SOFFIT/FASCIA TYPES
3/4" = 1'-0"

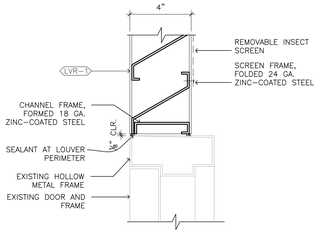


5 TYPICAL VERT. POST TO STRINGER CONNECTION
1 1/2" = 1'-0"

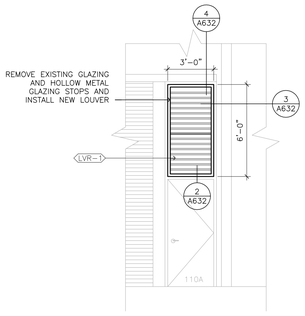


4 LOUVER HEAD
3" = 1'-0"

3 LOUVER JAMB
3" = 1'-0"



2 LOUVER SILL
3" = 1'-0"



1 LOUVER ELEVATION
1/4" = 1'-0"

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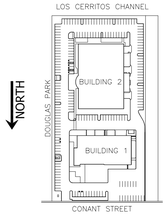

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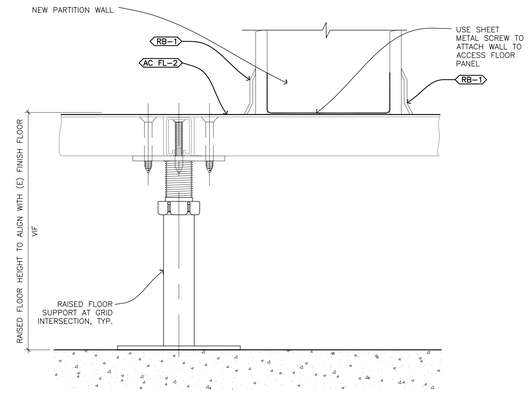
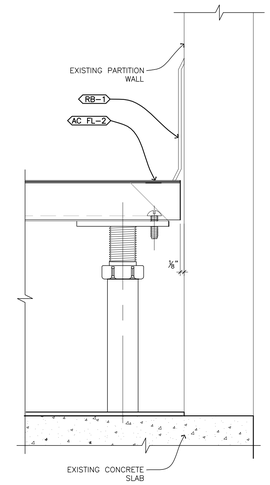
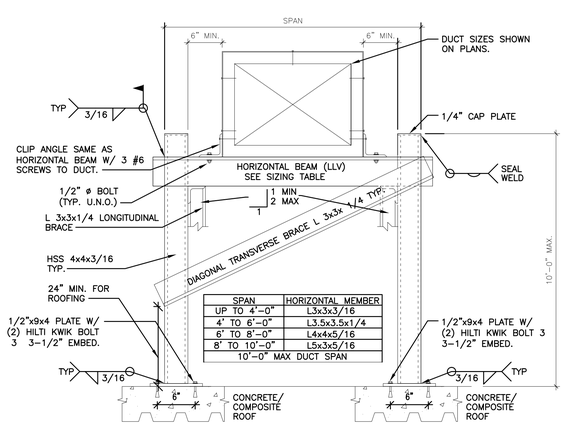


5 SECTION THROUGH WALL
6" = 1'-0"

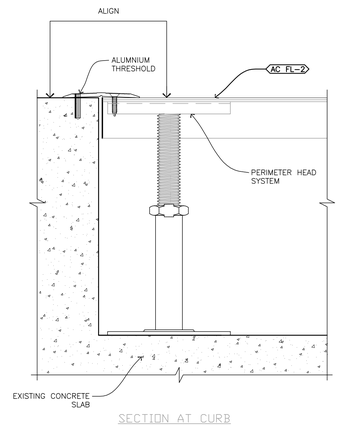


2 SECTION THROUGH WALL
6" = 1'-0"



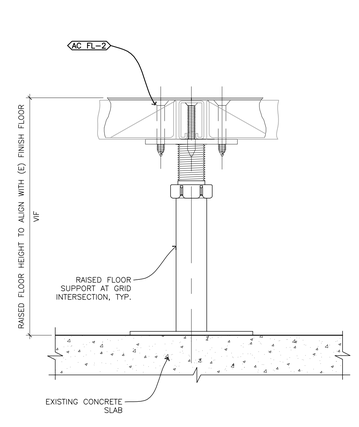
SPAN	HORIZONTAL MEMBER
UP TO 4'-0"	L3x3x3/16
4' TO 6'-0"	L3.5x3.5x1/4
6' TO 8'-0"	L4x4x5/16
8' TO 10'-0"	L5x3x5/16
10'-0" MAX DUCT SPAN	

4 ROOFTOP DUCT SUPPORT
1 1/2" = 1'-0"



SECTION AT CURB

3 SECTION THROUGH ACCESS FLOOR AT DOOR
6" = 1'-0"



1 TYPICAL SECTION THROUGH ACCESS FLOOR
6" = 1'-0"

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CLIENT:

LONG BEACH CITY COLLEGE

4900 CONANT STREET, LONG BEACH, CALIFORNIA 90808

CLIENT PROJECT NAME:

LONG BEACH CITY COLLEGE
BUILDING " O "
RECORD DRAWING

CLIENT PROJECT NUMBER:

3045-002-00

ARCHITECT:

Architecture | Engineering | Planning
Hammel, Green and Abrahamson, Inc.
1880 Century Park East - Suite 608
Los Angeles, California USA 90067
Telephone 310.557.7600 Facsimile 310.553.1668

CONSULTANTS:

STRUCTURAL Englekirk & Sabol	(323) 733-2640
CIVIL JMC2	(310) 241-6550
MECHANICAL / ELECTRICAL / PLUMBING M-E Engineers	(310) 842-8700
DATA / TELECOM Vantage Technology Consulting Group	(310) 536-7676
SECURITY Schirmer Engineering	(310) 782-0850

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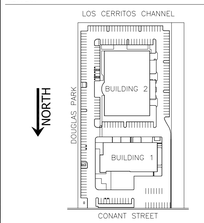
KEY PLAN



DETAILS

COMM. NO. 3045-002-00
SCALE VARIES
DATE August 16, 2011
DRAWN

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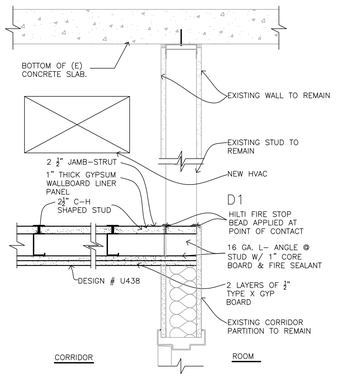
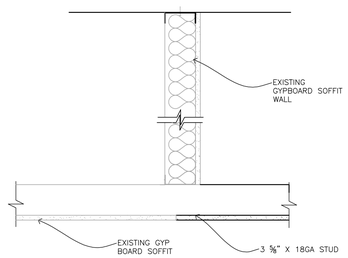
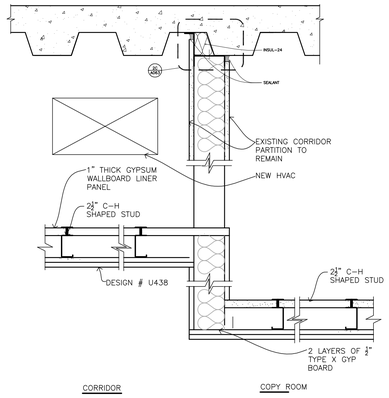


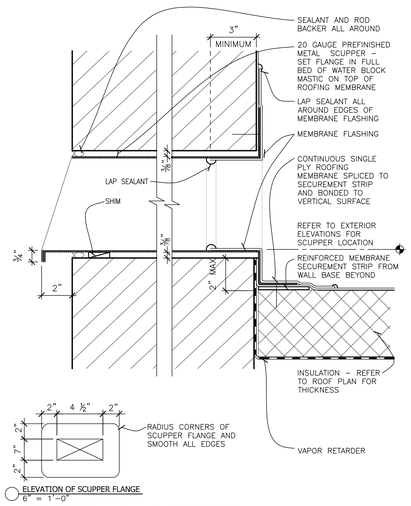
9 SECTION AT TUNNEL CORRIDOR OPT 1
1 1/2" = 1'–0"



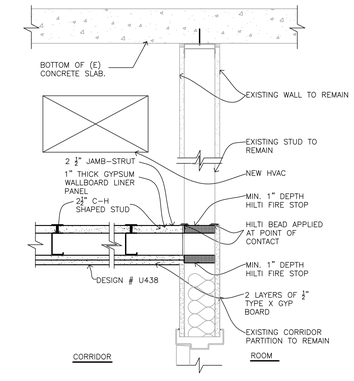
6 SECTION AT TUNNEL CORRIDOR OPT 1
1 1/2" = 1'–0"



3 SECTION AT TUNNEL CORRIDOR
1 1/2" = 1'–0"

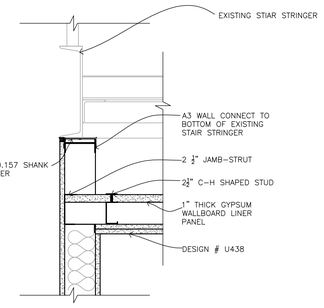


11 SCUPPER - WALL SUPPORTED
3" = 1'–0"

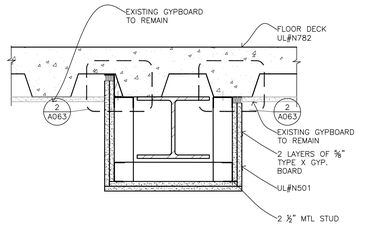


8 SECTION AT TUNNEL CORRIDOR OPT 1
1 1/2" = 1'–0"

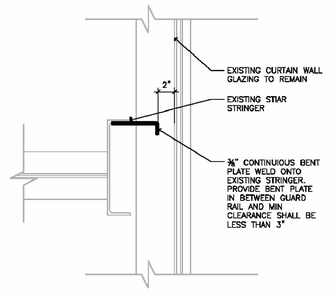
NOTE: REFERENCE HILTI ENGINEERING JUDGEMENT DRAWING 128991e.PDF FOR FIRE STOP DETAIL



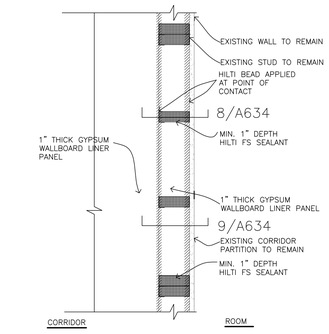
5 TYPICAL DETAIL ALONG STAIR STRINGER
1 1/2" = 1'–0"



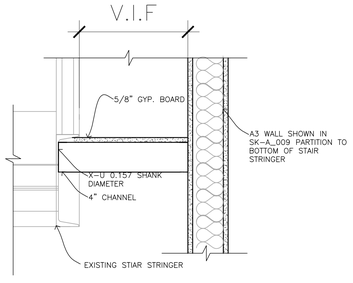
2 SECTION AT HORZ. BEAM AT BUILDING LOBBY
1 1/2" = 1'–0"



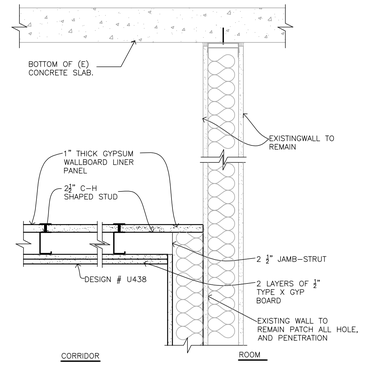
10 STAIR DETAIL
N.T.S.



7 PLAN TUNNEL CORRIDOR OPT 1
1 1/2" = 1'–0"



4 TYPICAL DETAIL ALONG STAIR STRINGER
1 1/2" = 1'–0"



1 SECTION AT TUNNEL CORRIDOR
1 1/2" = 1'–0"

CLIENT:

LONG BEACH CITY COLLEGE

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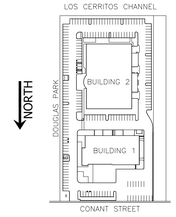
REVISION HISTORY - THIS SHEET

KEY PLAN



DETAILS

COMM. NO.	3045–002–00
SCALE	VARIES
DATE	August 16, 2011
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