# ECAMPUS MAP Regulation Regul

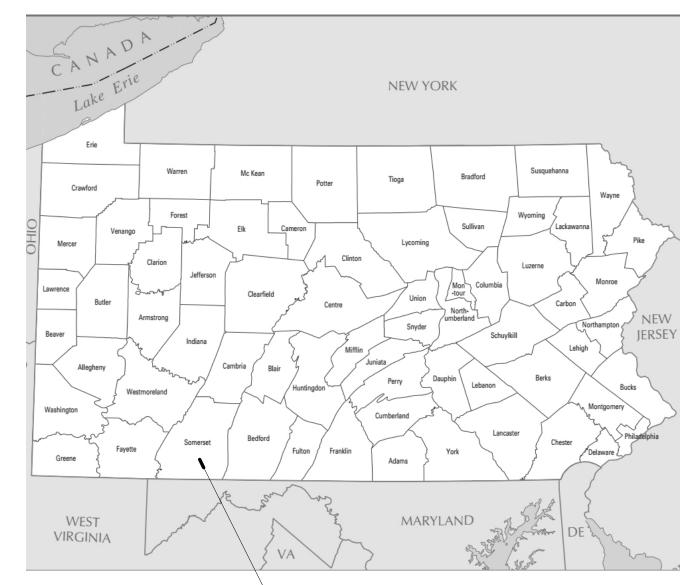
# ADULT DAYCARE FACILITY ALSM - SOMERSET, PA

# 

# **ESTATE MAP**

CONFLUENCE°

ADDISON°



SOMERSET COUNTY

# II GENERAL NOTES

1. ALL DIMENSIONS ARE TAKEN FROM THE FACE OF STUDS, FACE OF BLOCK, U.O.N.

2. CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO THE BEGINNING OF CONSTRUCTION. REPORT ALL DESCREPANCIES TO THE ARCHITECT.

3. DO NOT SCALE THE DRAWINGS.

# II LIST OF DRAWINGS

**COVER SHEET** TYPICAL MOUNTING HEIGHTS, ABBREVIATIONS, AND CODE ANALYSIS/ LIFE SAFETY PLAN CA0.2 SPECIFICATIONS FLOOR AND CEILING PLANS MECHANICAL LOFT AND ROOF PLANS DOOR AND WINDOW SCHEDULES, ELEVATIONS, AND EXTERIOR ELEVATIONS, BUILDING AND WALL SECTIONS ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS INTERIOR FINISHES AND FLOOR PATTERN PLANS STRUCTURAL GENERAL NOTES AND DETAILS FOUNDATION PLAN AND ROOF PLAN S2.01 SECTIONS AND DETAILS S2.02 SECTIONS AND DETAILS MECHANICAL **HVAC COVER SHEET** FIRST FLOOR PLAN - HVAC MECHANICAL LOFT PLAN - HVAC RADIANT FLOOR PLAN SCHEDULES PLUMBING PLUMBING COVER SHEET FLOOR PLANS - PLUMBING **ELECTRICAL** ELECTRICAL COVER SHEET E2.0 FIRST FLOOR PLAN - LIGHTING E2.1 MECH LOFT PLAN - LIGHTING E3.0 FIRST FLOOR PLAN - POWER & SYSTEMS E3.1 MECH LOFT PLAN - POWER & SYSTEMS

PROJECT INFORMATION

PROJECT TITLE

# ADULT DAYCARE FACILITY

PROJECT ADDRESS

BERLIN PLANK ROAD

SOMERSET, PA 15501

# ALLEGHENY LUTHERAN SOCIAL MINISTRIES



ARCHITECT

NOELKER

AND HULL ASSOCIATES, INC.

30 WEST KING STREET CHAMBERSBURG, PA | 17201-1540 P: 717.263.8464 | F: 717.263.6031

PA | MD | VA

ARCHITECTS

STRUCTURAL ENGINEER

KELLER ENGINEERS, INC.

420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648

M/E/P ENGINEER

CJL ENGINEERING

P: 814.696.7430 | F: 814.696.0150

232 HORNER STREET | JOHNSTOWN, PA | 15902

P: 814.536.1651 | F: 814.536.5732

FOOD SERVICE CONSULTANT

<u>CIVIL ENGINEER</u> **KELLER ENGINEERS, INC.** 

420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648 P: 814.696.7430 | F: 814.696.0150

LANDSCAPE ARCHITECT

SHEET INFORMATION

<u>KEY PLAN</u>

REV. #: DESCRIPTION: DATE:

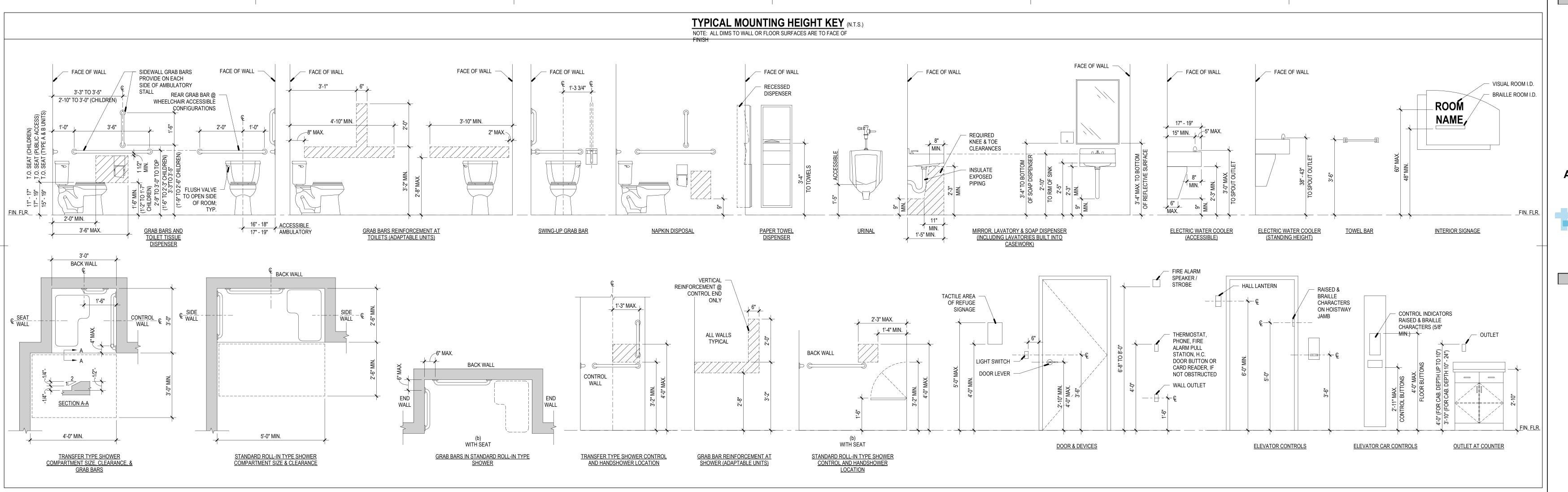
## PROJECT STATUS 100% DD SUBMISSION

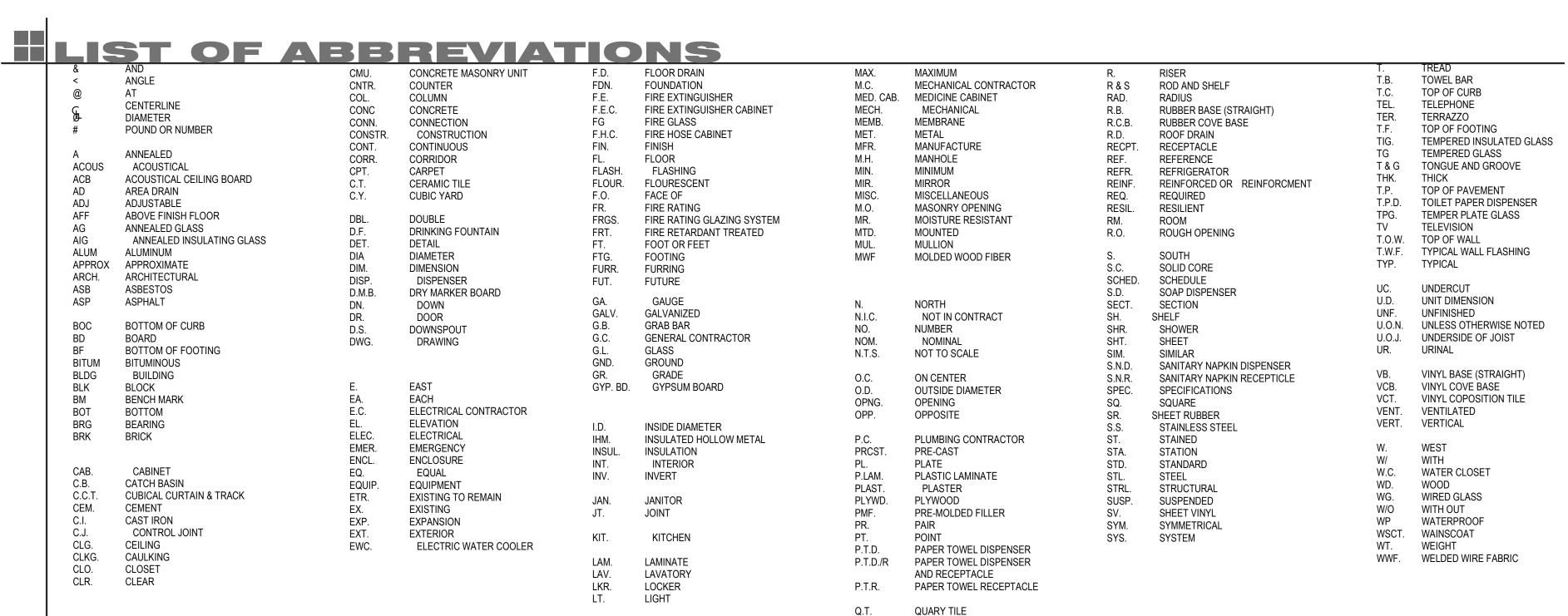
JOB NUMBER: 17044.01
ISSUE DATE: 26 MAY, 2017
SCALE: 1:1
SHEET TITLE:

COVER SHEET

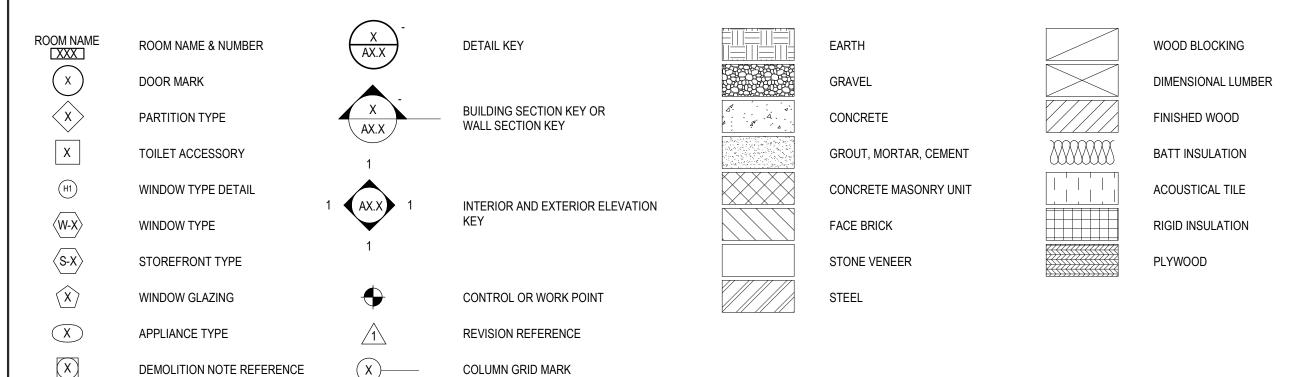
HEET NUMBER:

CS0.1









ADULT DAYCARE FACILITY

PROJECT ADDRESS

BERLIN PLANK ROAD SOMERSET, PA 15501

ALLEGHENY LUTHERAN SOCIAL MINISTRIES





ASSOCIATES, INC.

ARCHITECTS

30 WEST KING STREET CHAMBERSBURG, PA | 17201-1540 P: 717.263.8464 | F: 717.263.6031 NOELKERHULL.COM PA | MD | VA

STRUCTURAL ENGINEER

KELLER ENGINEERS, INC.

420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

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232 HORNER STREET | JOHNSTOWN, PA | 15902 P: 814.536.1651 | F: 814.536.5732

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CIVIL ENGINEER

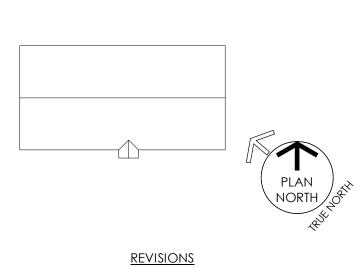
KELLER ENGINEERS, INC.

420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

LANDSCAPE ARCHITECT

SHEET INFORMATION

KEY PLAN



REV. #:	DESCRIPTION:	DATE:

PROJECT STATUS

100% DD SUBMISSION

JOB NUMBER: 17044.01

ISSUE DATE: 26 MAY, 2017

SCALE: As indicated

SHEET TITLE:

TYPICAL MOUNTING HEIGHTS,
ABBREVIATIONS, AND MATERIALS

SHEET NUMBER:

CS0.2

#### **CODE ANALYSIS SUMMARY**

PROJECT:
ALSM - ADULT DAYCARE FACILITY ALLEGHENY LUTHERAN SOCIAL MINISTRIES SOMERSET TOWNSHIP, SOMERSET COUNTY SOMERSET, PENNSYLVANIA

### APPLICABLE CODES:

2009 INTERNATIONAL BUILDING CODE (2012 IBC CHAPTER 11 AND APPENDIX E)

2009 INTERNATIONAL ENERGY CONSERVATION CODE

2009 INTERNATIONAL FIRE CODE

2009 INTERNATIONAL FUEL GAS CODE

2009 INTERNATIONAL MECHANICAL CODE 2009 INTERNATIONAL PLUMBING CODE

2008 NATIONAL ELECTRIC CODE PA ADULT DAYCARE REGULATIONS

## **USE GROUP MATRIX:**

	2009 IBC
ADULT CARE FACILITY	INSTITUTIONAL I-4

CTION TYPE MATRIX:		
	2009 IBC	

CON	ISTRUCTION TYPE MATRIX:		GROSS AREA:	
		2009 IBC		AREA (GROSS SQ. FT.)
	ADULT CARE FACILITY	TYPE V B FULLY SPRINKLERED (NFPA 13)	FIRST FLOOR	7,152 SQ. FT.
		TOLLT OF KINKLLIKED (INT A 10)		

## **HEIGHT ANALYSIS:**

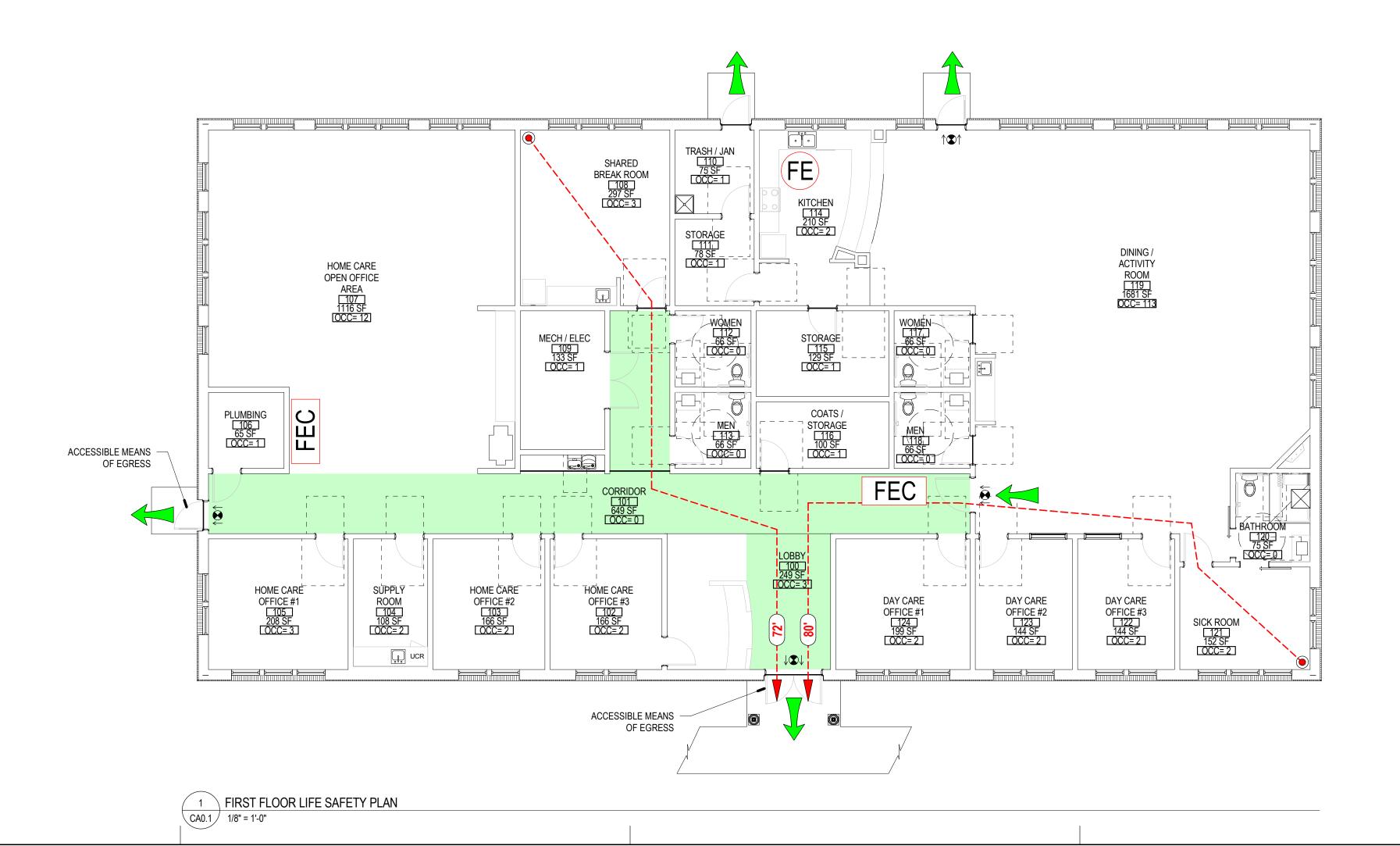
	2009 IBC	
	ALLOWABLE # STORIES / ALLOWABLE HEIGHT	ACTUAL # OF STORIES / ACTUAL HEIGHT
ADULT CARE FACILITY	1 STORY / 40 FEET	1 STORY / 26 FEET

		TABULAR ALLOWANCE	FRONTAGE ALLOWANCE	SPRINKLER ALLOWANCE	ADJUSTED ALLOW.	ACTUAL BLDG. AREA
	ADULT CARE FACILITY	9,000 SQ. FT.	NOT USED	36,000 SQ. FT.	45,000 SQ. FT.	7,202 GSF
L						

## FIRE RESISTANCE SCHEDULE:

	2009 IBC	PROVIDED	REMARKS
STRUCTURAL FRAME (COLUMNS, GIRDERS, TRUSSES)	0 HOUR	0 HOUR	
EXTERIOR BEARING WALLS	0 HOUR	0 HOUR	
INTERIOR BEARING WALLS	0 HOUR	0 HOUR	
FLOOR CONSTRUCTION	0 HOUR	0 HOUR	
ROOF CONSTRUCTION	0 HOUR	0 HOUR	
FIRE WALLS	2 HOUR w/ 1 1/2 HOUR OPENINGS	N/A	
FIRE BARRIER	1 HOUR w/ 1 HOUR OPENINGS	N/A	
FIRE PARTITION	1 HOUR w/ 3/4 HOUR OPENINGS	N/A	
SMOKE BARRIER	1 HOUR w/ 1/3 HOUR OPENINGS	N/A	
SMOKE PARTITION (CORRIDORS)	0 HOUR	N/A	

## TOTAL OCCUPANT LOAD = 156



## **ADULT DAYCARE**

PROJECT INFORMATION

PROJECT TITLE

# **FACILITY**

**PROJECT ADDRESS** BERLIN PLANK ROAD

PROJECT OWNER

SOMERSET, PA 15501

ALLEGHENY LUTHERAN SOCIAL **MINISTRIES** 





AND HULL ASSOCIATES, INC.

30 WEST KING STREET CHAMBERSBURG, PA | 17201-1540

ARCHITECTS

P: 717.263.8464 | F: 717.263.6031 PA | MD | VA STRUCTURAL ENGINEER

KELLER ENGINEERS, INC. 420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648 P: 814.696.7430 | F: 814.696.0150

M/E/P ENGINEER CJL ENGINEERING

232 HORNER STREET | JOHNSTOWN, PA | 15902 P: 814.536.1651 | F: 814.536.5732

FOOD SERVICE CONSULTANT

CIVIL ENGINEER KELLER ENGINEERS, INC. 420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648

P: 814.696.7430 | F: 814.696.0150 LANDSCAPE ARCHITECT

EXIT	COMMON PATH	SUITE	DEAD END CORRIDOR	
<b>●</b> (249') - <b>▶</b>	<b>○ 74' →</b>	99'	19'	
(MAXIMUM 250'-0")	(MAXIMUM 75'-0")	(MAXIMUM 100'-0")	(MAXIMUM 20'-0")	
RIIII DING ARE	A DESIGNATIO	NS		

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## BUILDING AREA DESIGNATIONS

TRAVEL DISTANCE LIMITATIONS

LIFE SAFETY LEGEND

2S - 2 HR SMOKE BARRIER

2F - 2 HR FIRE BARRIER

1F - 1 HR BEARING WALL

NON-RATED PARTITION

└─ CALCULATED OCCUPANTS TO EXIT (IF APPLICABLE)

► EXIT PASSAGEWAY

EXIT STAIR (VERTICAL EXIT ENCLOSURE)

**EXIT / EGRESS SYMBOLS** 

EXIT DISCHARGE

1/2F - 1/2 HR FIRE PARTITION

0S - NON-RATED SMOKE RESISTIVE PARTITION

NOTE: ALL RATED CONSTRUCTION IS ALSO SMOKE RESISTIVE CONSTRUCTION

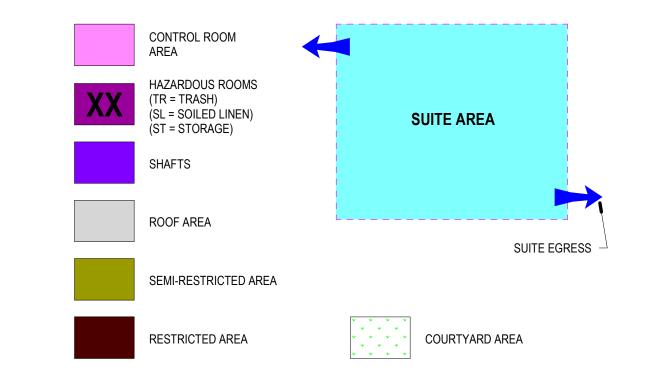
DIRECTIONAL ILLUMINATED EXIT

EXIT ACCESS

COMMUNICATING STAIR

1S - 1 HR SMOKE BARRIER 1F - 1 HR FIRE BARRIER

WALL & CEILING BARRIERS AND PARTITIONS



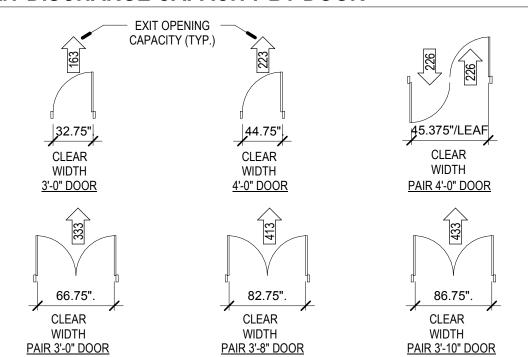
## FIRE PROTECTION & ALARM DEVICES







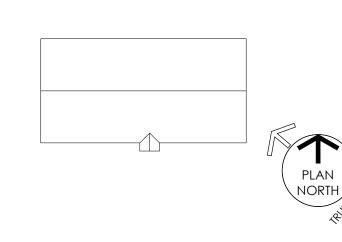
## **EXIT DISCHARGE CAPACITY BY DOOR**



## **GENERAL NOTES**

1. FIRE EXTINGUISHER CABINETS SHALL BE LOCATED SO THAT THE MAXIMUM TRAVEL DISTANCE SHALL NOT 2. MINIMUM EGRESS WIDTH PER OCCUPANT AT STAIRS = 0.3" PER OCCUPANT. MINIMUM EGRESS WIDTH PER OCCUPANT AT OTHER EGRESS COMPONENTS = 0.2" PER OCCUPANT. (TABLE 1005.1)

SHEET INFORMATION KEY PLAN



REV. #: DESCRIPTION:

## PROJECT STATUS 100% DD SUBMISSION

JOB NUMBER: 26 MAY, 2017 ISSUE DATE: As indicated SHEET TITLE: CODE ANALYSIS/ LIFE SAFETY PLAN

SHEET NUMBER: **CA0.1** 

```
08410 - ALUMINUM ENTRANCES AND STOREFRONTS
                                                                                                                                                                                                                                                                         Wood Framing Standards: NFPA House Framing Manual.
                Omit prime coat on shop primed surfaces
                                                                                                                                                                                                                                                                                        Exterior Wall Framing: 2 inch by 6 inch studs, 16 inches on center.
             Exposed galvanized steel surfaces:
                        a. All items including exposed structural members and items of mechanical and electrical
                                                                                                                                       1. Aluminum Entrances and Storefront:
                                                                                                                                                                                                                                                                                         Interior Wall Framing: 2 inch by 4 inch studs, 16 inches on center.
                                                                                                                                                               Door Style: Medium stile and rail doors with 10" bottom rail.
                               Wash surfaces with Neilson's Galvaprep. Apply prime coat and two coats of semi-gloss
                                                                                                                                                               Aluminum Members: ASTM B 221, B 209 and B 211.
                                                                                                                                                               Steel Reinforcement: ASTM A 36, ASTM A 611, and ASTM A 570.
                                                                                                                                                                                                                                                                 Products
                                        latex enamel
               Wet Walls: Two coats latex epoxy paint over gypsum board and metal surfaces in kitchen areas and other
                                                                                                                                                               Glass and Glazing: 1 in. insulating temp glazing.
                                                                                                                                                                                                                                                                        Dimension Lumber:
                                                                                                                                                                                                                                                                                         Light Framing: Stud, No. 3 or Standard grade.
                           high humidity areas
                                                                                                                                                               Glazing Color: Clear glass.
      Painting of Mechanical and Electrical Work:
                                                                                                                                                               Door Hanging Devices: Ball-bearing butts.
                                                                                                                                                                                                                                                                                          Structural Framing: As indicated on Structural Drawings
               All exposed equipment, piping, conduit, ductwork, grilles and insulation furnished and installed under
                                                                                                                                                               Closers: Concealed mounted.
                                                                                                                                                                                                                                                                                          Species: Any species of grade indicated.
                        Divisions 15 and 16 shall be painted as part of the work of Section 09900.
                                                                                                                                                               Aluminum Finish: Clear anodized
                                                                                                                                                                                                                                                                                          Exposed Framing: Appearance grade.
                Mechanical and electrical equipment shall be delivered to job with suitable factory protective finish and shall
                                                                                                                                                               Source: YKK-AP YWW 40T; 2-1/4 x 4-1/2 in. frame.
                                                                                                                                                                                                                                                                         Boards:
                                                                                                                                                                                                                                                                                          Exposed Boards: 15 percent moisture content.
                be painted, after installation.
                                                                                                                                                                                                                                                                                         Concealed Boards: 19 percent moisture content.
                                                                                                                                       Schedule
DIVISION 10 - SPECIALTIES
                                                                                                                                               Exterior entrance doors.
                                                                                                                                                                                                                                                                         Miscellaneous Lumber:
                                                                                                                                                Vestibule doors matching entrance doors.
                                                                                                                                                                                                                                                                                       Moisture Content: 19 percent.
10100 - VISUAL DISPLAY BOARDS
                                                                                                                                               Frames for entrances.
                                                                                                                                                                                                                                                                                  b. Grade: Standard grade light framing.
       Markerboards
                                                                                                                                               Storefront-type framing system.
                                                                                                                                                                                                                                                                         Engineered Wood Products:
               Materials: Porcelain enamel face for liquid-type markers, core material, and backing.
                                                                                                                                                Transoms.
                                                                                                                                               Sidelights.
                Source: Series 1, Type A by Claridge Products and Equipment, Inc.
                                                                                                                                                                                                                                                                        Construction Panels:
        Tackboards:
               Materials: Vinyl-faced cork.
                                                                                                                                08550 - CLAD WOOD WINDOWS
                                                                                                                                                                                                                                                                                         Combination Subfloor-Underlayment: APA Sturd-I-Floor, 19/32 in. thick.
                                                                                                                                                                                                                                                                                          Subflooring: APA rated C-D 32/16 plywood, tongue and groove.
        Display Rail:
                                                                                                                                       Products:
               Materials: Aluminum Rail with vinyl faced cork.
                                                                                                                                                                                                                                                                                          Wall Sheathing: APA Exterior grade, 5/8 in. thick
                                                                                                                                             Clad Wood Windows:
                                                                                                                                                                                                                                                                                          Roof Sheathing: APA rated C-D 32/16 plywood.
                                                                                                                                                              Window Type: Vinyl-clad wood windows.
                Source: Series 1, Type CO by Claridge Products and Equipment, Inc.
                                                                                                                                                               Window Operation: Double-hung windows.
                                                                                                                                                               Glazing: Insulated, Low-E float glass with argon gas. Provide tempered glass where
      Accessories: Flag holders, display hooks, and map-roller brackets.
                                                                                                                                                                                                                                                                                          Plywood Underlayment for Carpet: APA Underlayment Exposure 1.
                                                                                                                                                                        required by code.
10200 - LOUVERS AND VENTS
                                                                                                                                                                Glazing Color: Clear glass.
                                                                                                                                                                                                                                                                         Auxiliary Materials:
                                                                                                                                                                                                                                                                                        Sill Sealer Gaskets: Glass fiber strip resilient insulation.
      Products:
                                                                                                                                                               SHGC: 0.21
               Aluminum Louvers:
                                                                                                                                                               U-Factor: 0.27
                                Aluminum Extrusions: ASTM B 221, alloy 6063-T5 or T52.
                                                                                                                                                               Wood Window Members: Kiln-dried clear ponderosa pine or suitable fine-grain lumber.
                               Blade Type: Horizontal drainable blades.
                                                                                                                                                               Vinyl Cladding: PVC, ASTM D 1784, bonded to wood members.
                               Finish: Kynar 500 finish.
                                                                                                                                                                Interior Wood Finish: Factory finished, paint
                                                                                                                                                                                                                                                                                          type to suit application.
                                                                                                                                                               Anchors, Clips, and Window Accessories: Aluminum, nonmagnetic stainless steel, or
               Louver Accessories:
                                                                                                                                                                               galvanized steel.
                       a. Bird screens.
                                                                                                                                                                                                                                                          06200 FINISH CARPENTRY
               Free Area: 50 %.
                                                                                                                                               Source: Anderson 200 Series
                                                                                                                                                                                                                                                                Material:
B. Source: High Performance Fixed Drainable Louvers by Construction Specialties.
                                                                                                                                               Auxiliary Materials:
                                                                                                                                                               Ventilator opening limit device.
10400 IDENTIFYING DEVICES
                                                                                                                                                               Operating hardware.
                                                                                                                                                                                                                                                                         Hardwood Lumber: FS MM-L-736C, AWI custom grade, Clear White Maple.
A. Room Signage: .125 inch thick solid acrylic plastic with integral permanent color, matte finish; Provide one sign per
                                                                                                                                                               Insect screening.
                                                                                                                                                                                                                                                                         Softwood Plywood: PS 1, AWI custom, A-B INT-APA, Soft Maple
                                                                                                                                                                                                                                                                         Hardwood Plywood: PS51, Fir Veneer Lumber, Clear White Maple veneer.
                                                                                                                                08710 HARDWARE
                                                                                                                                                                                                                                                                 Fabrications:
                                                                                                                                       Project Includes
10500 LOCKERS
                                                                                                                                              Hardware for swinging doors.
                                                                                                                                        Quality Assurance
                                                                                                                                                                                                                                                                          Window Sills and Aprons: Painted Maple sills with painted apron.
                Open Coat Lockers
                                                                                                                                               Hardware for Fire-Rated Openings: NFPA 80, and local requirements.
                Source: www.schooloutfitters.com
                                                                                                                                                Handicapped Accessibility: ANSI A117.1, and local requirements.
                                                                                                                                                                                                                                                                 Install work in accordance with AWI Custom Quality Standards.
               Model: Ecr4kids
                                                                                                                                                Materials and Application: ANSI A156 series standards
       Accessories:
                                                                                                                                       Products
                                                                                                                                                                                                                                                          06610 FIBER REINFORCED POLYMER FABRICATIONS
                                                                                                                                            Door Hardware:
               Number plates.
              Provide blocking in walls for securing lockers
                                                                                                                                                               Quality Level: Commercial type
                                                                                                                                                                                                                                                                 Columns:
                                                                                                                                                                                                                                                                         Material: Fiber reinforced polymer.
                                                                                                                                                               Locksets and Latchsets: Cylinder type. Source: Schlage Lock Co.
                                                                                                                                                                                                                                                                          Columns: 12 inch plain square columns by length indicated on Drawings.
10523 FIRE EXTINGUISHERS, CABINETS AND ACCESSORIES
                                                                                                                                                               Lock Cylinders: Interchangeable type.
                                                                                                                                                                                                                                                                          Cap and Base: Colonial.
       Quality Assurance:
                                                                                                                                                               Keying: Coordinate keying and key control system with Owner's requirements.
                                                                                                                                                                                                                                                                          Field finish: White, Color to be selected by Owner
               Standards: UL and FM listed products.
                                                                                                                                                               Hinges and Butts: Full-mortise type with nonremovable pins at exterior doors.
                                                                                                                                                                                                                                                                         Source: PermaCast Columns by HB&G.
       Products:
                                                                                                                                                                Closers, Door Control, and Exit Devices: Low frequency type.
              Fire Extinguishers
                                                                                                                                                                                                                                                         06620 CAST ACRYLIC FABRICATIONS
                                Type: Multi-purpose dry chemical type U.L. 299, with pressure gauge.
                                                                                                                                                               Push/Pull Units: Through-bolted type.
                                                                                                                                                                                                                                                                Lavatory Counters:
                                Rating: 4A:60B:C.
                                                                                                                                                               Hardware Finishes: US 626 Satin chrome finish on exposed surfaces.
                                Source: Larsen's MP10.
                                                                                                                                              Auxiliary Materials:
                                                                                                                                                                                                                                                                          Thickness: ½ in.
                Cabinets:
                                                                                                                                                               Door Trim Units: Kickplates, edge trim and related trim.
                              Cabinet: Semi-recessed, Larsen's Cameo Series Model C2409-R; 24" x 9" x 3 -1/2 inches.
                                                                                                                                                               Stops and overhead door holders.
                                                                                                                                                                                                                                                          DIVISION 7 - THERMAL AND MOISTURE PROTECTION
       Schedule:
                                                                                                                                                               Soundstripping.
               Public Area Mounting: Cabinet mounted.
                                                                                                                                                                Weatherstripping and thresholds.
               Service Area Mounting: Metal brackets.
                                                                                                                                                               Electromagnetic hold-open devices.
                                                                                                                                                               Aluminum infill panels.
                                                                                                                                                                                                                                                                  brush, or spray application
10800 - TOILET AND BATH ACCESSORIES
                                                                                                                                                               Push/pulls, door stops, overhead holders, and deadlocks.
                                                                                                                                                                                                                                                         B. Schedule: Bituminous Dampproofing for exterior of interior wythe at masonry cavity walls.
       Products (Bobrick Washroom Equipment used as standard):
                                                                                                                                                               Exit devices.
                TA-01 - Grab Bars: 1-1/2 in. diameter Model B-6806 X 18, B-6806 X 36 and B-6806 X 42 u.n.o.
                                                                                                                                                                                                                                                         07190 WATER REPELLENTS
                TA-02 - Roll Toilet Tissue Dispenser: Surface mounted B-685.
                                                                                                                                                                                                                                                                 Water Repellents: Siloxane PD by ProSoCo, Inc.
                TA-03 - Framed Mirrors: Model B-165, 24 x 48 in.
                                                                                                                                             Furnish each door leaf with hardware items scheduled on drawings.
                                                                                                                                                                                                                                                                 Schedule: Apply to split-face and ground-face block on building exterior.
                TA-04 - Mop and Broom Holder: B-223 x 36 in., 4 holders.
                TA-05 - Paper Towel Dispenser: Surface mounted model B-4262 for 400 C-fold towels.
                                                                                                                                DIVISION 9 - FINISHES
                                                                                                                                                                                                                                                          07200 INSULATION
                TA-06 - Soap Dispenser: Surface mounted Model B-4112 liquid soap dispenser.
                                                                                                                                                                                                                                                                 Thermal Insulation:
                TA-07 - Wall mounted Electric Hand Dryer model
                                                                                                                                09260 GYPSUM BOARD SYSTEMS
                                                                                                                                                                                                                                                                         Glass fiber complying with ASTM C 665, Type II with kraft vapor barrier.
        Acceptable Manufacturer: Bobrick, Bradley, ASI, A and J or Franklin
                                                                                                                                A. Metal Support Materials:
                                                                                                                                                                                                                                                                         R factor: 38 at roof, 19 at exterior walls.
        Finish: Provide accessories with stainless steel No. 4, satin finish.
                                                                                                                                              Steel Framing for Walls and Partitions:
                                                                                                                                                               Steel Studs and Tracks: ASTM C 645, 25 gage, C shape.
10990 MISCELLANEOUS SPECIALTIES
                                                                                                                                                               Furring Channels: ASTM C 645, 25 gage.
                                                                                                                                                                                                                                                                          Chemical Co. Location Masonry Cavity Walls.
       Metal T.V. support bracket: Universal Articulating Wall Mount Model ESA746PU by Peerless
                                                                                                                                                               Auxiliary Framing Components: Furring brackets, resilient furring channels, Z-furring
        Industries for TV's 26" – 46" and Universal Tilt Wall Mount Model ST670 by Peerless Industries for TV's 46" – 90".
                                                                                                                                                        members, and non-corrosive fasteners.
               Location: as shown on drawings. Coordinate sizes and locations with owner.

 Installation Standard: ASTM C 754.

        Wire Shelving: Epoxy coated steel wire shelving, white color, Ventilated shelving by Shulte Storage Systems.
                                                                                                                                              Steel Framing for Suspended and Furred Ceilings:
                                                                                                                                                                                                                                                                  fire blankets (SAFB by USG) in selected walls.
       Sliding Window
                                                                                                                                                               Furring Channels: ASTM C 645, 25 gage standard channels.
        a. Manufacturer:
                                                                                                                                                               Accessories: Hangers and inserts.
                                                                                                                                                                                                                                                          07260 VAPOR BARRIER
                               CR Lawrence Co., Inc.
                                                                                                                                                               Installation Standard: ASTM C 754
                                                                                                                                                                                                                                                                Under slab vapor barrier: 3-ply reinforced polyethylene sheet, Griffolyn T-65 by Griffolyn Co.
                                Substitutions: Section 01600 - Product Requirements.
                                                                                                                                               Types and sizes required by furring manufacturer for the substrates and applications indicated.
                                                                                                                                                                                                                                                          B. Air Infiltration Barrier: Tyvek Commercial Wrap by DuPont for ext. walls.
                Product Description: Extruded aluminum track and glass frame for sliding glass transaction window.
                                                                                                                                        Gypsum Board Products:
                Top and Bottom Track: Double channel track, 1.186 x .549 inches, Model D1603A.
                                                                                                                                              Standard Gypsum Board: ASTM C36: 1/4 and 5/8 inch thick, maximum available length in place: ends
                                                                                                                                                                                                                                                          07300 SHINGLES
                Bottom Rail: .490 x .489 inch rail for sliding panel; inserts into track; Model D601.
                                                                                                                                                                         square cut, tapered edges.
               Glass Frame: 1.309 x .307 H-Bar Model D610 for 1/4 inch tempered glass and model D649 steel wheel
                                                                                                                                               Sheathing: ASTM C 79, 1/2" thick exterior gypsum sheathing, 2' x 8' sheets; tape joints.
                                                                                                                                                                                                                                                                        Three-dimensional, Architectural type, laminated strip shingle:
                                                                                                                                                Moisture-Resistant Gypsum Backing Board: ASTM C 630, regular 5/8 inch thick.
                                                                                                                                                                                                                                                                                        Mineral-surfaced, self-sealing, laminated multi-ply overlay construction.
                Glass: Single pane of clear tempered float glass, ASTM 1048 1/4 inch thick, with finger pull.
                                                                                                                                                Joint Treatment: ASTM C 475 and ASTM C 840, 3-coat system.
                                                                                                                                                                                                                                                                                        Color: Colonial Slate .
                Finish: Clear satin anodized.
                                                                                                                                                Installation Standard: ASTM C 840.
                                                                                                                                                                                                                                                                                        Warranty period: Lifetime.
                Source: CRL Standard Pocket Glaze Extrusions and Accessories.
                                                                                                                                        Trim Accessories:
       Attic Pull-Down Ladder
                                                                                                                                               Casing beads: USG 200-B metal trim.
                                                                                                                                                                                                                                                                 Accessories:
               Type: Disappearing ladder shall be designed for 600# live load to meet compliance with the American
                                                                                                                                                Corner beads: USG Dur-a-Bead reinforcement.
                                                                                                                                                                                                                                                                         Underlayment: Asphalt saturated organic felt, No. 30, unperforated.
                        Safety Code for fixed ladders, and to meet or exceed OSHA standards.
                                                                                                                                                Control joints: USG No. 093 control joint.
                                                                                                                                                                                                                                                                          Edge and Valley Membrane: W.R. Grace Ice and Water Shield.
                Size: 2' - 8" x 5' - 8" rough opening. (Field verify)
                                                                                                                                       Sound Insulation: Unfaced batt type, 3" thick.
                                                                                                                                                                                                                                                                          Ridge Vent -Cobra Ridge vent.
                Construction: Solid wood door, treads, stringer, handrail and frame
                                                                                                                                       Auxiliary Materials:
                Treads: 1 x 6 grooved wood.
                                                                                                                                               Gypsum board screws, ASTM C 1002.
                Finish: Clear finish.
                                                                                                                                                                                                                                                         07467 - VINYL SIDING
                                                                                                                                                Gypsum board nails, ASTM C 514.
                Angle of Incline: 57 degrees.
                                                                                                                                                Fastening adhesive.
                                                                                                                                                                                                                                                                 Products
                Source: Model 70 by Bessler Stairway Co.
                                                                                                                                              Concealed acoustical sealant.
                                                                                                                                       Joint Treatment:
                                                                                                                                                                                                                                                                                                       and ASTM D 4477.
                                                                                                                                               Material: Joint tape shall be perforated; joint compound shall be ready mixed vinyl type; light stipple
DIVISION 12 - FURNISHINGS
                                                                                                                                                                                                                                                                                          Type 1: Double 5 in. lap.
                                                                                                                                                Prefill, tape, fill and finish in accordance with GA-216 and GA-214.
                                                                                                                                                                                                                                                                                         Color: As selected by Owner.
                                                                                                                                                                                                                                                                        Siding Accessories:
                                                                                                                                                Schedule of Treatment and Finish Levels:
12300 - MANUFACTURED CASEWORK
                                                                                                                                                                                                                                                                                         Closure trims
                                                                                                                                                               Level 1: Ceiling plenums.
A. Project Includes:
                                                                                                                                                               Level 2: W/R gypsum board at tile finishes.
               Prefabricated casework, and countertops.
                                                                                                                                                                                                                                                                                        Color: As selected by Owner.
                                                                                                                                                               Level 4: Surfaces scheduled to receive low-gloss paint or wall covering.
      Products:
                                                                                                                                                                                                                                                                         Source: CertainTeed
                                                                                                                                                               Level 5: Surfaces scheduled to receive eggshell or semi-gloss paint.
               Plastic Laminate Clad Wood Casework:

 B. Siding Warranty: Manufacturer's 20 year warranty.

                       Quality: AWI/AWMAC/WI Architectural Woodwork Standards, Section 10, Custom Grade.
                                                                                                                                09500 ACOUSTICAL CEILINGS (Alternate No. 1)
                                                                                                                                                                                                                                                          07620 FLASHINGS AND SHEET METAL
                        Construction type: Face frame.
                                                                                                                                      Suspension System
                        Interface style: Flush overlay.
                                                                                                                                             Standard Exposed Tee Grid
                                                                                                                                                                                                                                                                 Materials
                        Semi-exposed surfaces: Low pressure decorative laminate.
                                                                                                                                                               Intermediate duty system, complying with ASTM C 635, non-fire rated.
                        Fit exposed and semi-exposed edges with 3m edge.
                                                                                                                                                                                                                                                                         Drip Edge:
                                                                                                                                                               Commercial quality cold-rolled steel with galvanized coating.
                        Fabricate drawer bodies to full depth of drawer fronts less 1/2 inch.
                                                                                                                                                                                                                                                                                          0.032 in. aluminum.
                                                                                                                                                               Exposed grid surface width: 9/16 inch.
               Painted Wood Casework with Melamine Cabinet Interiors:
                                                                                                                                                                                                                                                                                        Color: As selected by Owner.
                                                                                                                                               Grid Accessories: Stabilizer bars, furring clips, splices, edge moldings hold down clips and closure strips
                       Quality: AWI/AWMAC/WI Architectural Woodwork Standards, Section 10, Custom Grade.
                                                                                                                                                               as necessary to complete and complement suspended ceiling grid system.
                        Construction type: Face frame.
                                                                                                                                                                                                                                                                                  system with metal flashing receiver at masonry walls, SMACNA Figure 4-3.
                                                                                                                                      Acoustic Units
                        Interface style: Flush overlay.
                                                                                                                                                                                                                                                                                        Color: As selected by Owner
                                                                                                                                             Acoustic Panel (ACB-1):
                        Fabricate drawer bodies to full depth of drawer fronts less 1/2 inch.
                                                                                                                                                                                                                                                                 Hung Gutters:
                                                                                                                                                               Size: 24 x 48 x 5/8 inches; square edge.
             Plastic Laminate Countertops:
                                                                                                                                                               Acceptable Product: Georgian No. 763 by Armstrong.
                       Quality: AWI/AWMAC/WI Architectural Woodwork Standards, Section 11, Custom Grade.
                                                                                                                                                                                                                                                                                          Fabricate gutters to ogee profile unless indicated otherwise.
                                                                                                                                      Accessories
                        Fabricate from sheet product with lumber fronts.
                                                                                                                                                                                                                                                                                         Color: As selected by Owner.
                                                                                                                                              Include hangers, tees, edge mouldings and supports for light fixtures and mechanical outlets occurring in
                        Locate end joints centered or symmetrical. Join sections with concealed clamp fasteners. Locate
                                                                                                                                                               acoustical ceilings
                                        plastic laminate butt joints minimum 2 feet away from sinks.
                        Provide holes and cutouts for mounting of sinks, trim, and accessories.
                                                                                                                                09650 RESILIENT FLOORING
                                                                                                                                                                                                                                                                                           piece construction, fabricated as detailed.
                                                                                                                                       Quality Assurance:
12486 - FLOOR MATS
                                                                                                                                                                                                                                                                                          Splash blocks: Concrete
                                                                                                                                              Performance: Fire performance meeting requirements of building code and local authorities.
       Floor Mats:
                                                                                                                                                                                                                                                                        Finish: Kynar 500, color as selected by Owner.
               Shaw Contract Group, Path Tile.
                                                                                                                                              Tile Flooring: Vinyl Composition Tile: ASTM F 1066, Composition 1, nonasbestos formulated, Class 1, 12
                                                                                                                                                                                                                                                          07900 JOINT SEALANTS
                Mounting: Surface-mounted.
                                                                                                                                                                by 12 inches by 1/8 inch thick. Mannington Commercial, Progressions Flooring.
                Location: Doors 100 and 100A
                                                                                                                                                                                                                                                                Project Includes
                                                                                                                                                Sheet Flooring: Shaw Commercial Hard Surface, Naturelife Flooring.
                                                                                                                                                                                                                                                                         Seal all joints in accordance with materials scheduled.
                                                                                                                                               Auxiliary Materials:
12490 WINDOW TREATMENT
                                                                                                                                                               Wall Base: Rubber wall base 4 inch height, 1/8 inch thick.
                                                                                                                                                                                                                                                                         Joints Subject to Movement: Two-part gun grade polyurethane.
        Horizontal Blinds: 1 in. wide Riviera mini-blinds by Levalor.
                                                                                                                                                               Resilient Stair Treads, Risers, and Skirtings: Rubber accessories.
                                                                                                                                                                                                                                                                          Joints Subject to Foot or Vehicular Traffic: Two-part self- leveling polyurethane.
        Provide necessary mounting brackets, carriers, guides and accessories for complete installation.
                                                                                                                                                               Edge strips, transitions, and terminations.
                                                                                                                                                                                                                                                                          Joints Not Subject to Movement: Acrylic latex or solvent cure acrylic.
         Location: Exterior windows
                                                                                                                                                               Stair Tread: One piece studded tread, ribbed nosing and smooth risers.
                                                                                                                                                                                                                                                                          In Contact with Roofing and Waterproofing: One or two-part polyurethane, low modulus.
                                                                                                                                                                                                                                                                          Secondary Sealant and Expansion Joint Seals: Expandable type equivalent to Emseal.
                                                                                                                                09680 CARPET
                                                                                                                                                                                                                                                                          Sanitary Sealant: 1 part silicone conforming to FDA Regulation 21, CFR 177.2600.
                                                                                                                                      Quality Assurance:
                                                                                                                                                                                                                                                                          Acoustical Sealant: Acrylic, non-hardening type.
                                                                                                                                              Performance: Fire performance meeting requirements of building code and local authorities.
                                                                                                                                                                                                                                                                          Provide necessary back rods, bond breaker tapes and closed cell polyethylene expansion joint fillers.
                                                                                                                                                                                                                                                                         Color: From standard colors as selected by Owner.
                                                                                                                                             Carpet Material: 9" x 36" Carpet Tile Plank.
                                                                                                                                                               Color: As selected by Architect.
                                                                                                                                                                                                                                                          DIVISION 8 - DOORS AND WINDOWS
                                                                                                                                                               Backing: Eco Worx.
                                                                                                                                                               Source: Shaw Commercial, Glitch
                                                                                                                                              Auxiliary Materials:
                                                                                                                                                                                                                                                                Quality Assurance
                                                                                                                                                                                                                                                                         Quality Standards: NWWDA I.S. 1, and AWI Architectural Quality Standards.
                                                                                                                                                               Adhesives, cements and fasteners.
                                                                                                                                               Carpet Installation Method: Direct glue down with releasable adhesive installation
                                                                                                                                                                                                                                                                         Interior Solid Core Doors: 1-3/4" thick
                                                                                                                                09900 PAINTING
                                                                                                                                                                                                                                                                                         Grade: Custom grade.
                                                                                                                                                                                                                                                                                         Construction: 5-ply construction with particleboard core.
                                                                                                                                                                                                                                                                                          Finish: Opaque finish on medium density overlay faces.
                                                                                                                                              Painting and surface preparation for interior unfinished surfaces as scheduled.
                                                                                                                                                Painting and surface preparation for exterior unfinished surfaces as scheduled.
                                                                                                                                                                                                                                                                                        Fitting: Factory-prefit and premachine doors.
                                                                                                                                               Field-painting and surface preparation of exposed mechanical and electrical piping, conduit, ductwork,
                                                                                                                                                                                                                                                                                         Factory Finish: Opaque factory finish to match approved sample.
                                                                                                                                                       and equipment.
                                                                                                                                       Quality Assurance:
                                                                                                                                                                                                                                                                                        Knock-down Frames: Grade III for Door Model 1, nominal 16 gage thick material, base
                                                                                                                                               Regulations: Compliance with VOC and environmental regulations.
                                                                                                                                        Products:
                                                                                                                                               Manufacturers: Sherwin-Williams Inc, Duron Paints, Pratt and Lambert, Inc. or Pittsburgh Paints.
                                                                                                                                                                                                                                                                        Exterior Frames:
                                                                                                                                                                                                                                                                                         Fully welded, 14 ga. galv. stl., factory primed for field painting.
                                                                                                                                              Color: As selected by Architect.
                                                                                                                                                                                                                                                                                           thickness. Provide 2 in. head except where 4" is required for masonry walls.
                                                                                                                                        Interior Surfaces: (Prime all surfaces)
                                                                                                                                                                                                                                                                                          Finish: Factory primed and field painted.
                                                                                                                                                Wood - Painted: Two coats Aklyd Semi-gloss.
                                                                                                                                                Gypsum board walls and ceilings: Apply two coats latex paint. Walls - Eggshell; Ceiling - Flat.
                                                                                                                                                                                                                                                                         Accessories:
                                                                                                                                                Exposed ferrous (non-galvanized) metal surfaces: Apply primer and two coats of semi-gloss latex enamel.
                                                                                                                                                                                                                                                                                          Glass: 1/4 in. clear tempered glass; wire glass at rated doors.
                                                                                                                                                                                                                                                                                           Transoms.
                                                                                                                                                                                                                                                                                         Fixed side panels.
                                                                                                                                                                                                                                                                                          Applied trims
                                                                                                                                                                                                                                                          08310 ACCESS DOORS
                                                                                                                                                                                                                                                         A. Products

    Access Doors

                                                                                                                                                                                                                                                                                          Frames: 16 gage sheet steel with flange suitable for adjacent material.
                                                                                                                                                                                                                                                                                          Doors: 14 gage sheet steel
                                                                                                                                                                                                                                                                                         Door Type: Flush panel.
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SPECIFICATIONS
                                                                                                                        INTRODUCTORY NOTES
          Preservative Treatment: AWPA C2 for lumber and AWPA C9 for plywood; waterborne pressure
                                                                                                                       A. This Specification identifies materials and products to be incorporated into the work, and determines a minimum
                                                                                                                               Listing of a single manufacturer or product is not intended to restrict competitive bidding.
                                                                                                                               Installation of materials shall be in accordance with industry standards, code requirements, and manufacturer's
                                                                                                                              Provide all components required for a complete installation.
                                                                                                                              The General Conditions for this Contract are "General Conditions of the Contract for Construction", AIA Document
                                                                                                                               A201, Fifteenth Edition, 2007 and are incorporated herein as if reproduced in total.
                                                                                                                        DIVISION 1 - GENERAL REQUIREMENTS
                                                                                                                               Work of this Contract comprises general construction of a single story, wood framed Child Daycare Center.
                  a. Composite Joists and Headers: Laminated lumber veneers; design stresses for use
                                                                                                                               The Work includes furnishing all labor, materials, services, equipment and appliances required in conjunction with
                                                                                                                               or properly incidental to all construction work, including general construction, plumbing, heating, ventilating, air
                                                                                                                                conditioning, fire protection and electrical work.
                                                                                                                               Construct the Work under a single lump sum contract.
                                                                                                                               Owner is exempt from sales tax on products permanently incorporated in work
                                                                                                                               Work by Others: Work on Project which will be executed along with work of this Contract and which is specifically
                                                                                                                               excluded from this Contract is as follows:
                          Construction Panel Underlayment for Resilient Flooring: APA Sturd-I-Floor, Exterior.

    Furniture, Fixture, and Equipment.

                            Construction Panel Underlayment for Ceramic Tile: APA Sturd-I-Floor, Exposure 1.
                                                                                                                              Owner-Furnished Items:
                                                                                                                                       1. Coordinate with owner prior to bidding
                           Framing Anchors and Fasteners: Non-corrosive, suitable for load and exposure.
                                                                                                                              Contractor shall state in proposal the amount to be added to or deducted from the base bid for the following
                           Anchor bolts: Conform to ASTM A 307, galvanized finish, complete with nuts and
                                                                                                                                               Alternate No. 1: Substitute Acoustical Ceilings and 2x4 light fixtures (Deduct):
                          Nails: Hot-dip galvanized or aluminum for exterior locations; plain finish for interior; size and
                                                                                                                                                     Substitute Acoustical Ceiling Tile for 5/8" Gypsum Board in Preschool 110, Preschool 111,
                                                                                                                                                        Infant 112, Pre-K 13, Activity, 114, Toddler 115 and Toddler 116.
                                                                                                                                                        Substitute a 2x4 direct-indirect light fixture model 2RDI by Cooper Lighting-Metalux and
                                                                                                                                                                 reduce the quantity using the table below.
                                                                                                                                                                                 Reduce from 9 fixtures to 6 fixtures.
                                                                                                                                                        Pre-School 110:
         Softwood Lumber: PS 20, AWI custom grade, Idaho white pine, Birch or Douglas fir for exterior, Soft Maple
                                                                                                                                                                                 Reduce from 7 fixtures to 5 fixtures.
                                                                                                                                                        Pre-School 111:
                                                                                                                                                        Infant Room 112:
                                                                                                                                                                                 Reduce from 7 fixtures to 5 fixtures.
                                                                                                                                                                                 Reduce from 9 fixtures to 6 fixtures
                                                                                                                                                        Pre-K Room 113:
                                                                                                                                                        Activity Room 114:
                                                                                                                                                                                 Reduce from 15 fixtures to 12 fixtures.
                                                                                                                                                                                 Reduce from 6 fixtures to 4 fixtures
                                                                                                                                                        Toddler Room 115:
                                                                                                                                                        Toddler Room 116:
                                                                                                                                                                                Reduce from 6 fixtures to 4 fixtures.
          Door Frames, Casing and Trim: 2-1/4" closed grain hardwood, maple or birch, for painted finish.
            Columns: Prefabricated Wood Columns: Model No. 100 white pine by Somerset Door and Column Co...
                                                                                                                       01290 PAYMENT PROCEDURES
                                                                                                                               Schedule of Values Format: Submit Fourth (4) original copies of AIA Form G702.
          Moldings and Miscellaneous Trim: Clear White Maple, for stain finish, and birch for paint finish.
                                                                                                                               Applications of Payment:
                                                                                                                                                Submit four (4) original copies on AIA Form G702.
                                                                                                                                               Provide substantiating data as required by Owner or Architect.
                                                                                                                       01460 TESTING LABORATORY SERVICES
                                                                                                                              The following material testing is required and shall be done by an independent testing agency.
                                                                                                                                       Paving Subgrade Stabilization.
                                                                                                                                        Building Subgrade Stabilization.
                                                                                                                                       Asphalt Concrete Paving.
                                                                                                                                        Concrete Paving.
                                                                                                                                        Formwork, reinforcing steel and inserts.
                                                                                                                                        Cast in Place Concrete.
          Cast acrylic "Corian" P810 Lav with integral lavatories, front aprons, and rear backsplashes.
                                                                                                                                        Mortar and grout.
                                                                                                                                       Other tests as specified or required by Owner.
                                                                                                                               Testing laboratory will be employed by Owner.
                                                                                                                       01330 SUBMITTAL PROCEDURES
Product: Cold-Applied Asphalt Cut-Back Dampproofing: ASTM D1227, Type IV, reinforced with fibers, for trowel,
                                                                                                                              Submittals
                                                                                                                                       Contractor shall review submittal procedures with Owner.
                                                                                                                                        Provide submittals on products and materials customarily reviewed by consultants.
                                                                                                                                        Submit documents electronically in Adobe PDF format.
                                                                                                                                        Samples: Submit minimum of two sets for available selection options, and after selection, submit larger
                                                                                                                                                samples of selected items such as paint, carpet, wall coverings, etc.
                                                                                                                                       For each submittal for review, allow 15 days excluding delivery time to and from Contractor.
                                                                                                                       01400 QUALITY REQUIREMENTS
                                                                                                                               Preconstruction Conference: Owner will schedule conference.
                                                                                                                               Progress Meetings: Contractor to schedule and administer monthly construction progress meetings, called
                                                                                                                               meetings and preinstallation conferences, throughout progress of work.
                                                                                                                       01500 TEMPORARY FACILITIES AND CONTROLS
          Extruded Polystyrene Insulation, ASTM C578 Type X; 16 x 96 x 2 inches thick; Styrofoam Cavitymate by
                                                                                                                               Contractor shall provide new temporary utilities services connected to Owners existing service during construction
          Extruded Polystyrene Insulation, ASTM C578 Type IV; Styrofoam Square Edge by Dow Chemical Co.
                                                                                                                              temporary buildings for a Contractor's project office, storage and sanitary facilities.
                   Location: 24 x 96 x 2 inches Perimeter grade beams, 48 x 96 x 2 inches +under heated slab.
                                                                                                                               Temporary facilities: Shoring and bracing; scaffolds, cranes and lifts; temporary construction fences; pedestrian and
  Acoustical Insulation: 3-1/2" unfaced fiberglass batts above ceilings in selected locations and 2" sound attenuating
                                                                                                                                vehicular protection and security.
                                                                                                                               Temporary Partitions: Provide temporary enclosures and partitions to protect buildings and public from
                                                                                                                                construction or damage.
                                                                                                                               Protect installed work.
                                                                                                                               Clean accumulated debris and rubbish periodically.
                                                                                                                               Enforce safety measures for workmen and the public in accordance with OSHA standards.
                                                                                                                       01600 PRODUCT REQUIREMENTS
                                                                                                                              Materials and Requirements:
                                                                                                                                        Comply with referenced standard as minimum requirements for products and materials.
                                                                                                                                        Transport products by methods to avoid product damage; deliver in undamaged condition in
                                                                                                                                                manufacturer's unopened containers or packaging, dry.
                                                                                                                                        Store products in accordance with manufacturer's instructions.
          Acceptable Manufacturers: Elk Roofing Products, GAF Corp., Johns Manville Corp, Owens Corning.
                                                                                                                                        Storage and Protection
                                                                                                                                        Store products in accordance with manufacturer's instructions with labels and seals in tact. Protect
                                                                                                                                                 products until installed in weathertight enclosures as required.
                                                                                                                                        Product Options and Substitutions
                                                                                                                                       Submit products proposed for use, with name of manufacturer, trade name, and model number of each
                                                                                                                                       Owner will review Contractors request for substitutions and render decision.
                                                                                                                        01700 EXECUTION REQUIREMENTS
          Vinyl Siding: Solid vinyl siding of extruded polyvinyl chloride (PVC) compound meeting ASTM D 3679
                                                                                                                               Final Cleaning
                                                                                                                                       Execute cleaning prior to inspection for substantial completion of the work.
                                                                                                                                        a. Conduct cleaning to maintain Project free from hazards and wastes.
                                                                                                                                       Perform final cleaning before Owner occupancy.
                                                                                                                               Project Record Documents
                                                                                                                                        Maintain Record Documents in clean, dry and legible condition.
                                                                                                                                        Documents to be maintained include:
                                                                                                                                               Drawings.
                                                                                                                                               Project Manual.
                                                                                                                                               Addenda.
                                                                                                                                              Change Orders.
                                                                                                                               Operation and Maintenance Data
                                                                                                                                       Prepare and bind data in the form of an instruction manual.
          Fascia Cladding: .032 in. thick aluminum, formed in minimum 10 ft. lengths, profile as indicated.
                                                                                                                                        Each volume shall contain: Table of contents, product data, drawings and warranties and bonds.
                                                                                                                                        Separate manuals shall be prepared for materials and finishes, equipment and systems, and instructions
                                                                                                                                       for owners personnel.
                                                                                                                               Warranties and Bonds
          Flashings, Counterflashings and Misc: 0.040 in. aluminum formed in minimum 10 ft. lengths, two piece
                                                                                                                               1. This outlines the format for submitting warranties and bonds at the time substantial completion occurs.
                                                                                                                       DIVISION 2 - SITE CONSTRUCTION
                            .032 in. aluminum, formed in 10 ft. lengths. Solder-lap joints one in. and rivet and seal.
                                                                                                                               Remove all vegetation and strip topsoil to depth of 6" and stockpile on site.
          Downspouts: .025 in aluminum upper sections telescoped into lower sections 1-1/2 in., and soldered.
                                                                                                                               Provide temporary erosion control, siltation control, and dust control.
                          Roof Penetration Flashing - Pipes: .025 in. aluminum SMACNA Figure 4-14, Figure A.
                                                                                                                               Remove and legal dispose of unused materials.
                           Umbrella Counterflashing: .025 in. aluminum similar to SMACNA Figure 4-14, Figure C,
                                                                                                                       02362 TERMITE CONTROL
                                                                                                                               Prevail FT Termacite by the FMC Corporation.
                                                                                                                               Apply to slab on grade or finish grading outside foundation wall.
                                                                                                                               Apply toxicant in accordance with manufacturer's instructions.
                                                                                                                       02800 SITE IMPROVEMENTS
                                                                                                                               Chain-link Fences:
```

Provide vinyl coated chain- link fence.

Corner and terminal posts: 2-1/2" x 2-1/2" galvanized roll-formed sections.

Source: CertainTeed Bufftech Galveston with CertaGrain Texture vinyl fence.

Size: Standard modular, 3-5/8 inches thick by 2-1/4 inches high by 7-5/8 inches long.

Grade: ASTM C 216, Grade SW, severe weathering type areas subject to freeze-thaw.

Hollow Load-Bearing CMU: ASTM C 90, 1900 psi compressive strength, normal weight.

Size: Face dimension of 7-5/8 inches high by 15-5/8 inches long by width required for application.

Lumber Standards and Grade Stamps: PS 20, American Softwood Lumber Standard and inspection

Construction Panel Standards: PS 1, U.S. Product Standard for Construction and Industrial Plywood; APA

Prefaced Concrete Block: ASTM C 90, 1900 psi compressive strength, normal weight.

Thru-Wall Flashing: 40 mil minimum thickness. Perm-A-Barrier Seam Tape by W.R. Grace & Co.

Decorative Concrete Masonry Units and concrete block cavity walls.

Special Finish: Ground face and Split face as shown on documents.

Hardware: standard hardware as recommended by supplier. Provide galvanized mounting plate for exiting

Rails: Extruded PVC, 2 x 6 in. Provide steel reinforcement in bottom rail and mid rail as recommended by

Line posts: 1.875" x 1.625" roll-formed galvanized sections.

Gates: galvanized tubular sections with welded corners.

Pickets: Extruded PVC, 7/8 x 7 in. tongue and groove.

Color: Standard manufactures color selected by owner.

Type: ASTM C 216, Type FBS, for general exposed use.

Fabric: 2" x 2" mesh, 9 ga. wire.

hardware as shown on drawings.

manufacture.

Brick veneer cavity wall on wood studs.

Blend: As selected by Owner.

Bond Pattern: Running bond

Bond Pattern: Running Bond.

Height: 3'-0" high

Type: Contemporary.

Wood grain texture.

Cap: Ball cap.

Height: 7 ft. high

Unit Masonry Construction Includes:

Concrete Masonry Units:

**DIVISION 6 - WOOD AND PLASTICS** 

06100 ROUGH CARPENTRY

Locking Devices: Manufacturer's standard slotted cam lock.

Provide access doors where service access is required for serviceable, operable, adjustable or resettable mechanical, plumbing and electrical items, or required by code. Provide fire rated access doors in fire rated walls and

Acceptable product: Style DW or M, by Milcor, Inryco.

e. Hinge: Concealed type with removable pin and spring type limit, 175 degree opening.

Quality Standards

Vinyl Fence:

**DIVISION 4 - MASONRY** 

04200 UNIT MASONRY

PROJECT INFORMATION **PROJECT TITLE** 

ADULT DAYCARE **FACILITY** 

**PROJECT ADDRESS** 

**BERLIN PLANK ROAD** 

SOMERSET, PA 15501

PROJECT OWNER

ALLEGHENY LUTHERAN SOCIAL **MINISTRIES** 



**PROJECT TEAM ARCHITECT** 

NOELKER AND HULL ASSOCIATES, INC.

ARCHITECTS

30 WEST KING STREET CHAMBERSBURG, PA | 17201-1540 P: 717.263.8464 | F: 717.263.6031 PA | MD | VA

STRUCTURAL ENGINEER KELLER ENGINEERS, INC. 420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648 P: 814.696.7430 | F: 814.696.0150

> M/E/P ENGINEER CJL ENGINEERING

232 HORNER STREET | JOHNSTOWN, PA | 15902 P: 814.536.1651 | F: 814.536.5732

FOOD SERVICE CONSULTANT

CIVIL ENGINEER **KELLER ENGINEERS, INC.** 420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648 P: 814.696.7430 | F: 814.696.0150

**LANDSCAPE ARCHITECT** 

SHEET INFORMATION

KEY PLAN

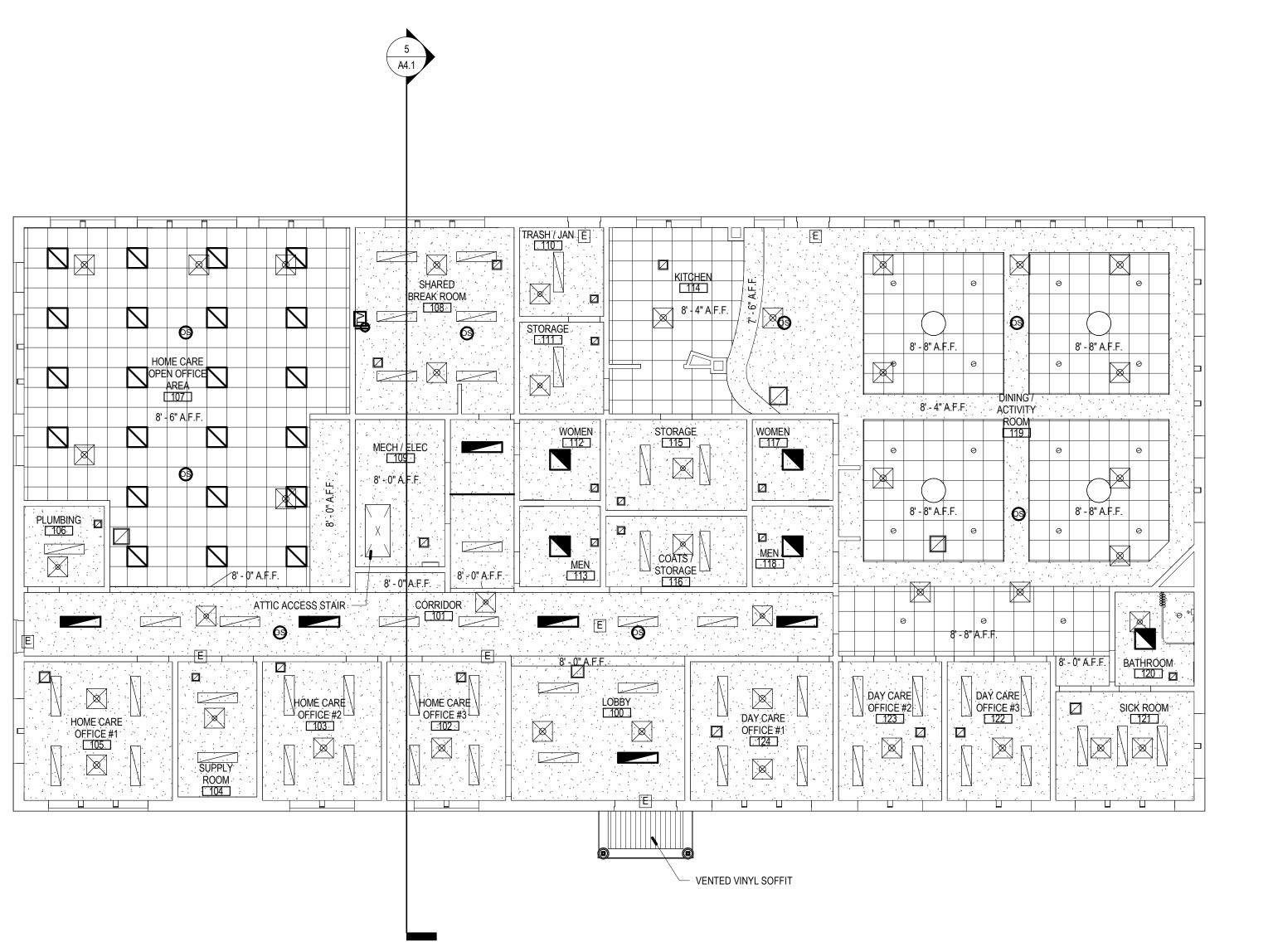
PLAN ∖ NORTH *.*.∂

**REVISIONS** REV. #: DESCRIPTION:

> PROJECT STATUS 100% DD SUBMISSION

JOB NUMBER: 26 MAY, 2017 ISSUE DATE: SCALE: 3/32" = 1'-0" SHEET TITLE: **SPECIFICATIONS** 

SHEET NUMBER:



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

1' x 4' FLOURESCENT FIXTURE 2' x 2' FLOURESCENT FIXTURE ROUND SEMI-FLUSH FIXTURE LARGE ROUND SEMI-FLUSH PENDANT WALL LIGHT CEILING FAN UNDER CABINET MOUNTED FLUORESCENT MINI PENDANT SURFACE MOUNTED FIXTURE D WALL SCONCE CEILING MATERIAL LEGEND GYPSUM BOARD CEILING 24"x48" ACCOUSTICAL CEILING TILE 24"x24" ACCOUSTICAL CEILING TILE VINYL SOFFIT MECHANICAL LEGEND RETURN **EXHAUST** RADIANT CEILING PANEL

RCP GENERAL NOTES

CEILINGS AND FURRING TRACK SHALL BE ATTACHED TO UNDERSIDE OF ROOF TRUSS

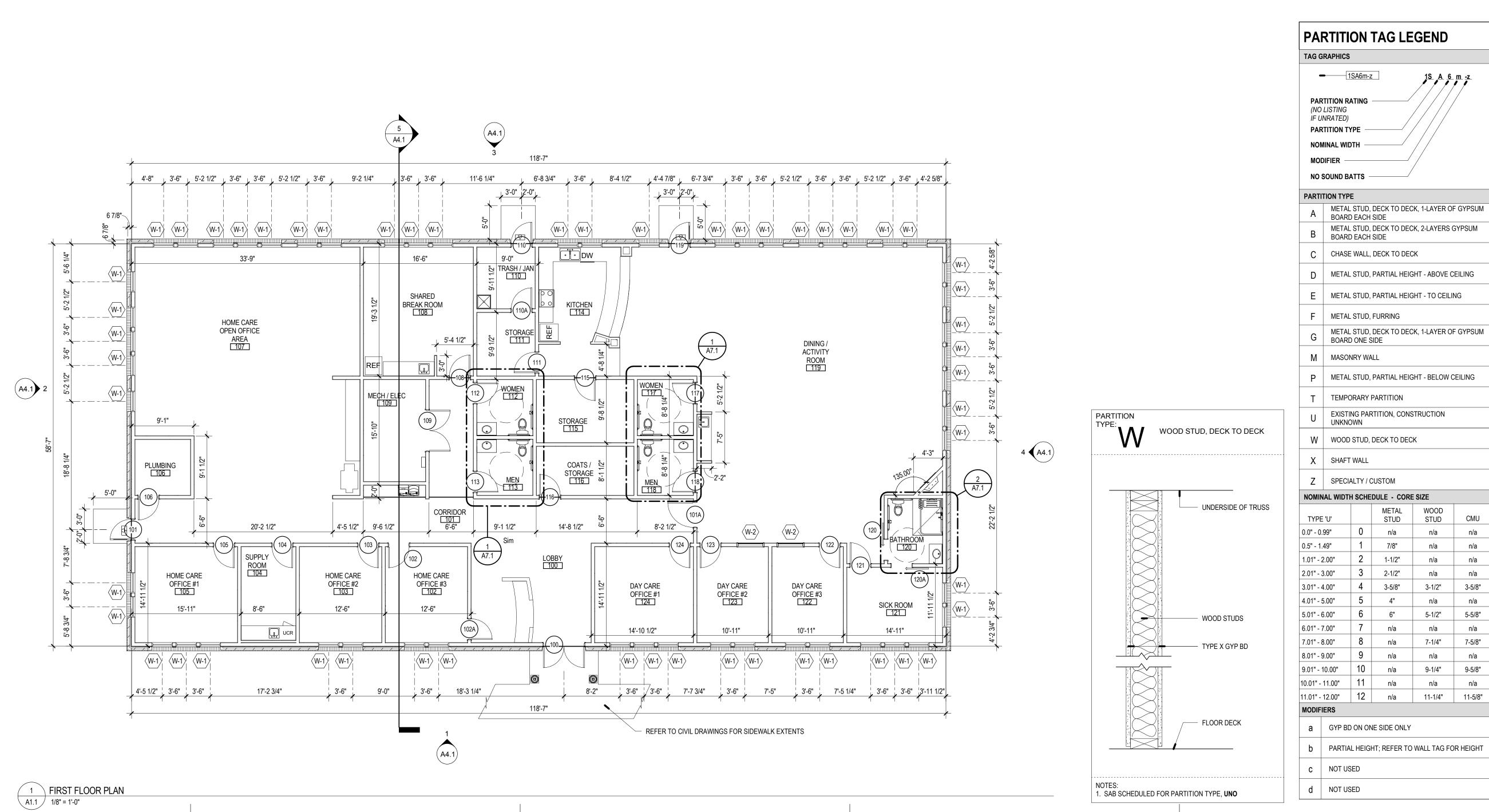
1. SAB SCHEDULED FOR PARTITION TYPE, **UNO** 

ADJUST LOCATION OF ATTIC ACCESS TO FIT BETWEEN ROOF TRUSSES

RCP LEGEND

LIGHTING LEGEND

RECESSED INCANDESCNET LIGHTING



PROJECT INFORMATION PROJECT TITLE

## ADULT DAYCARE **FACILITY**

**PROJECT ADDRESS** BERLIN PLANK ROAD

PROJECT OWNER

SOMERSET, PA 15501

ALLEGHENY LUTHERAN SOCIAL **MINISTRIES** 



PROJECT TEAM

<u>ARCHITECT</u> NOELKER

AND HULL ASSOCIATES, INC.

ARCHITECTS

30 WEST KING STREET CHAMBERSBURG, PA | 17201-1540 P: 717.263.8464 | F: 717.263.6031

PA | MD | VA

STRUCTURAL ENGINEER KELLER ENGINEERS, INC. 420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648 P: 814.696.7430 | F: 814.696.0150

> M/E/P ENGINEER CJL ENGINEERING

232 HORNER STREET | JOHNSTOWN, PA | 15902 P: 814.536.1651 | F: 814.536.5732

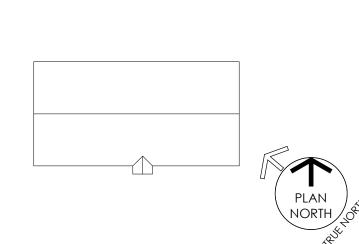
FOOD SERVICE CONSULTANT

<u>CIVIL ENGINEER</u> KELLER ENGINEERS, INC. 420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648 P: 814.696.7430 | F: 814.696.0150

LANDSCAPE ARCHITECT

SHEET INFORMATION

<u>KEY PLAN</u>

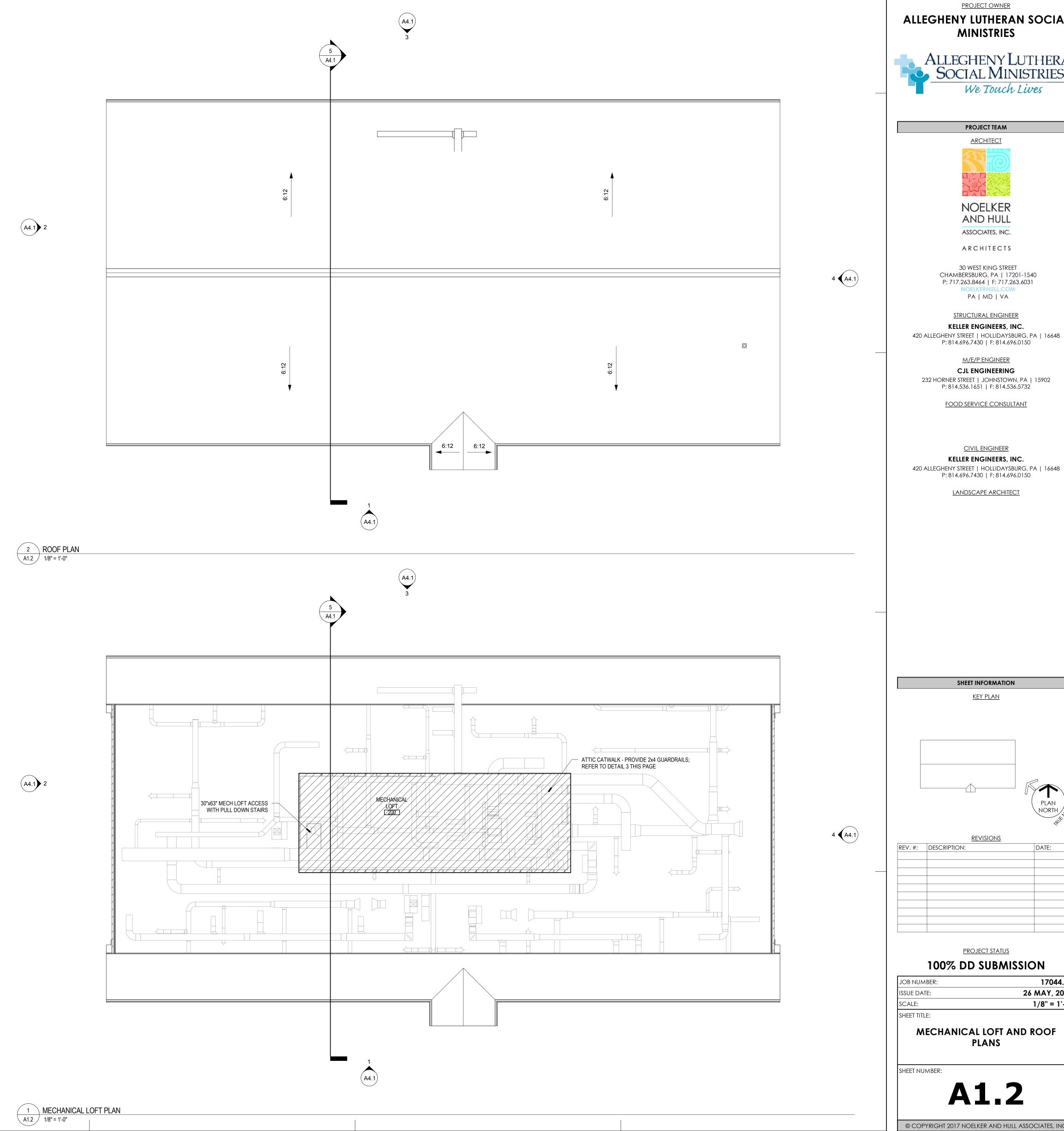


	<u>REVISIONS</u>	
EV. #:	DESCRIPTION:	DATE:

## PROJECT STATUS 100% DD SUBMISSION

100/0 DD 00	Division on
JOB NUMBER:	17044.01
ISSUE DATE:	26 MAY, 2017
SCALE:	As indicated
SHEET TITLE:	
FLOOR AND C	EILING PLANS

SHEET NUMBER:



**ADULT DAYCARE FACILITY** 

> PROJECT ADDRESS BERLIN PLANK ROAD SOMERSET, PA 15501

PROJECT OWNER

**ALLEGHENY LUTHERAN SOCIAL MINISTRIES** 



PROJECT TEAM NOELKER

AND HULL ASSOCIATES, INC. ARCHITECTS

30 WEST KING STREET CHAMBERSBURG, PA | 17201-1540 P: 717.263.8464 | F: 717.263.6031 PA | MD | VA

STRUCTURAL ENGINEER **KELLER ENGINEERS, INC.**420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

CJL ENGINEERING 232 HORNER STREET | JOHNSTOWN, PA | 15902 P: 814.536.1651 | F: 814.536.5732

M/E/P ENGINEER

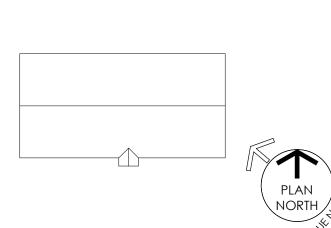
FOOD SERVICE CONSULTANT

<u>CIVIL ENGINEER</u> KELLER ENGINEERS, INC.

LANDSCAPE ARCHITECT

SHEET INFORMATION

KEY PLAN

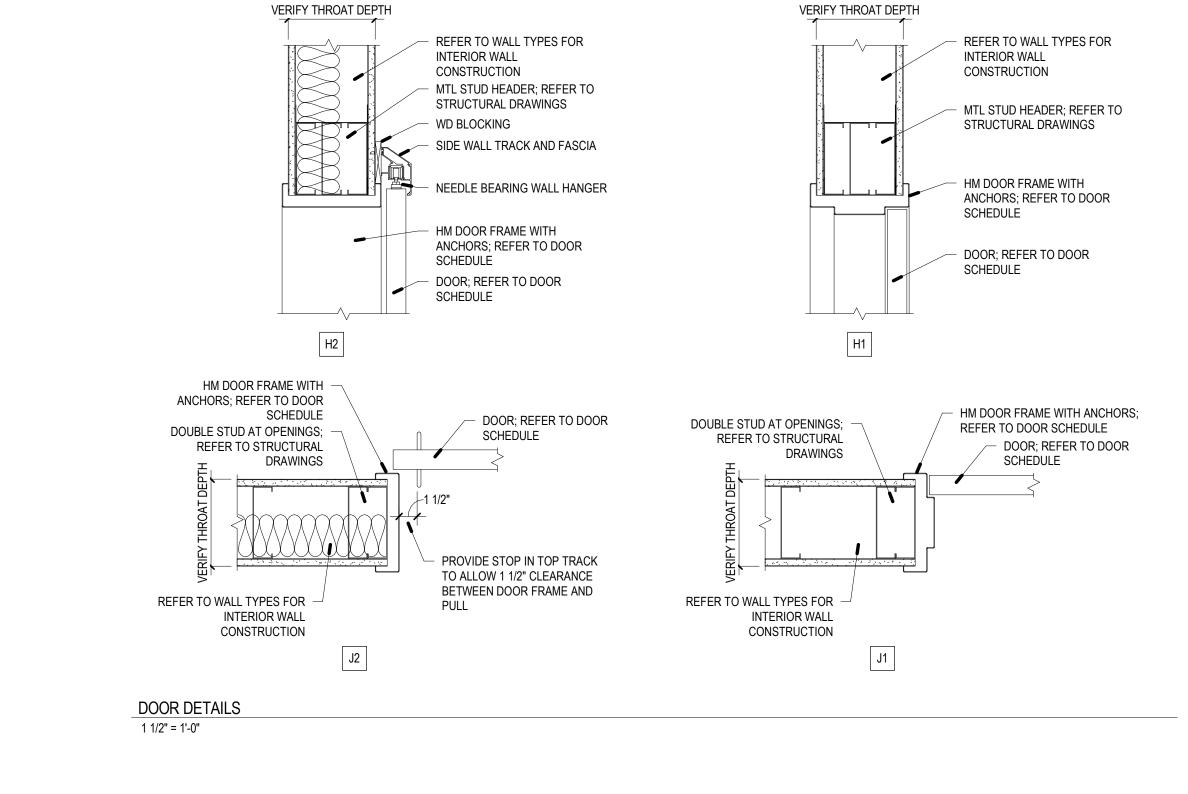


<u>REVISIONS</u> REV. #: DESCRIPTION:

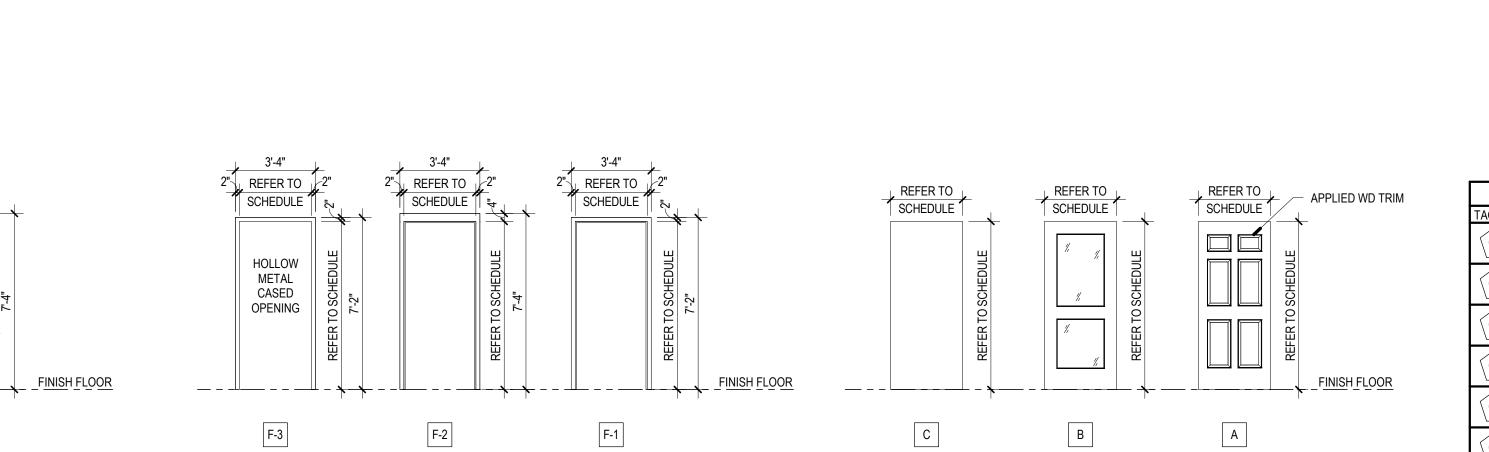
> PROJECT STATUS 100% DD SUBMISSION

JOB NUMBER: ISSUE DATE: SCALE: 26 MAY, 2017 1/8" = 1'-0" MECHANICAL LOFT AND ROOF PLANS

SHEET NUMBER:



						D	000R S0	CHEDULE				
MADIZ			DOOR DATA	i		HARDWARE		F	RAME DA	TA		DEMARKS
MARK	TYPE	SIZE	MATERIAL	GLAZING	RATING	SET	TYPE	MATERIAL	HEAD	JAMB	SILL	REMARKS
100	В	(2) 3'-0" x 7'-0"	ALUM	G-1			F-2	ALUM				
101	В	3'-0" x 7'-0"	ALUM	G-1			F-2	ALUM				
101A	Α	3'-8" x 7'-0"	WD				F-1	HM	H1	J1		
102	Α	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
102A	Α	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
103	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
104	Α	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
105	Α	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
106	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
108	Α	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
109	Α	(2) 3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
110	С	3'-0" x 7'-0"	HM				F-2	HM				
110A	Α	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
111	Α	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
112	Α	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
113	Α	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
115	Α	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
116	Α	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
117	Α	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
118	Α	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
119	В	3'-0" x 7'-0"	ALUM	G-1			F-2	ALUM				
120	Α	3'-0" x 7'-0"	WD				F-3	HM	H2	J2		
120A	Α	3'-0" x 7'-0"	WD				F-3	НМ	H2	J2		
121	Α	3'-0" x 7'-0"	WD				F-1	НМ	H1	J1		
122	Α	3'-0" x 7'-0"	WD				F-1	НМ	H1	J1		
123	Α	3'-0" x 7'-0"	WD				F-1	НМ	H1	J1		
124	Α	3'-0" x 7'-0"	WD				F-1	НМ	H1	J1		



DOOR TYPES

1/4" = 1'-0"

INTERIOR FIXED

WINDOW ELEVATIONS

1/4" = 1'-0"

EXTERIOR DOUBLE HUNG

DOOR FRAME TYPES

1/4" = 1'-0"

	GLAZING TYPE KEY
G NO.	DESCRIPTION
G-1	INSULATED GLASS - TEMPERED
G-2	INSULATED GLASS - ANNEALED
G-3	CLEAR GLASS - TEMPERED
G-4	CLEAR GLASS - ANNEALED
G-5	FIRE GLASS
G-6	DECORATIVE PLASTIC GLAZING

PROJECT INFORMATION

PROJECT TITLE

# ADULT DAYCARE FACILITY

PROJECT ADDRESS

BERLIN PLANK ROAD

SOMERSET, PA 15501

PROJECT OWNER

# ALLEGHENY LUTHERAN SOCIAL MINISTRIES





NOELKER AND HULL

ASSOCIATES, INC.

30 WEST KING STREET CHAMBERSBURG, PA | 17201-1540 P: 717.263.8464 | F: 717.263.6031 NOELKERHULL.COM PA | MD | VA

STRUCTURAL ENGINEER

KELLER ENGINEERS, INC.

420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

M/E/P ENGINEER

CJL ENGINEERING

232 HORNER STREET | JOHNSTOWN, PA | 15902 P: 814.536.1651 | F: 814.536.5732

FOOD SERVICE CONSULTANT

CIVIL ENGINEER

KELLER ENGINEERS, INC.

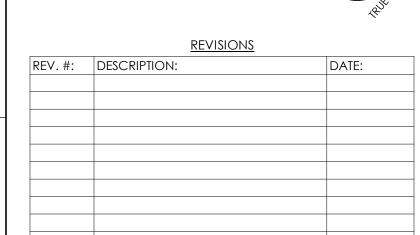
420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648

P: 814.696.7430 | F: 814.696.0150

LANDSCAPE ARCHITECT

SHEET INFORMATION

KEY PLAN



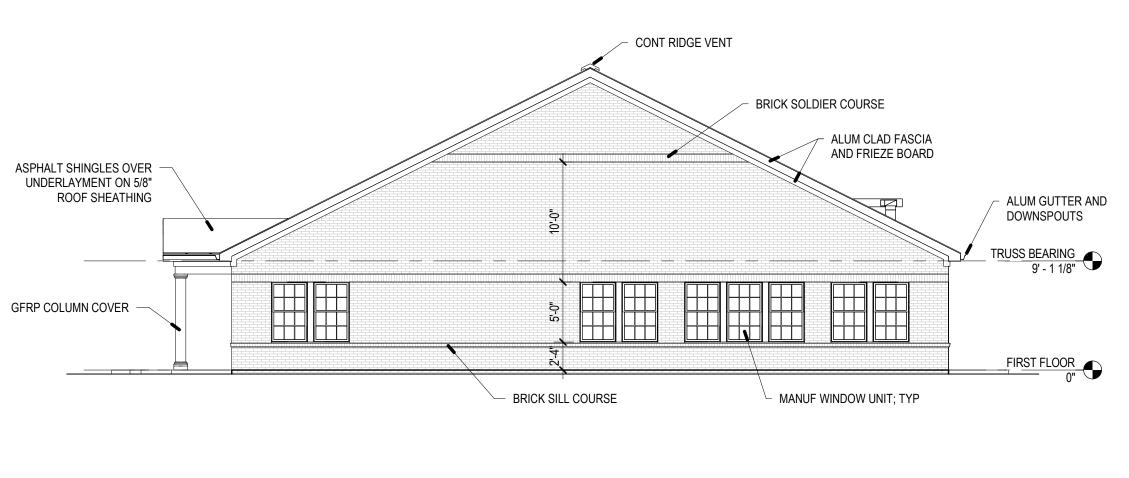
# PROJECT STATUS 100% DD SUBMISSION

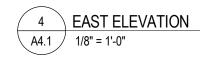
JOB NUMBER: 17044.01
ISSUE DATE: 26 MAY, 2017
SCALE: As indicated
SHEET TITLE:

DOOR AND WINDOW SCHEDULES, ELEVATIONS, AND DETAILS

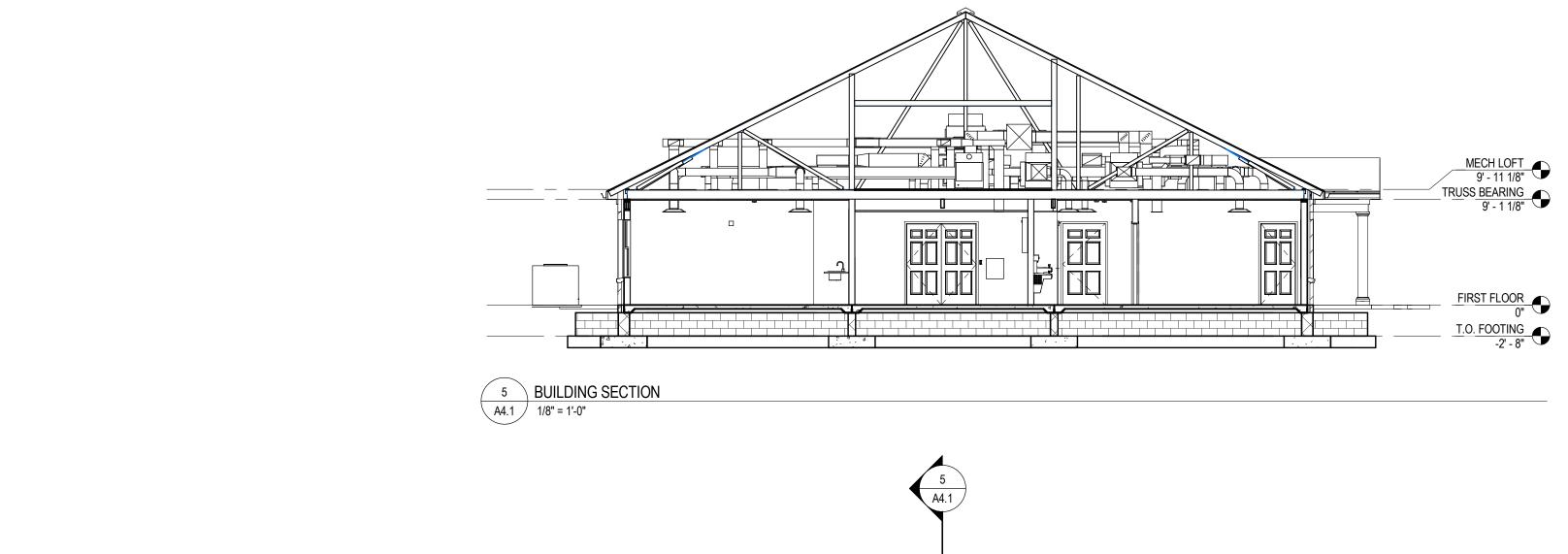
SHEET NUMBER:

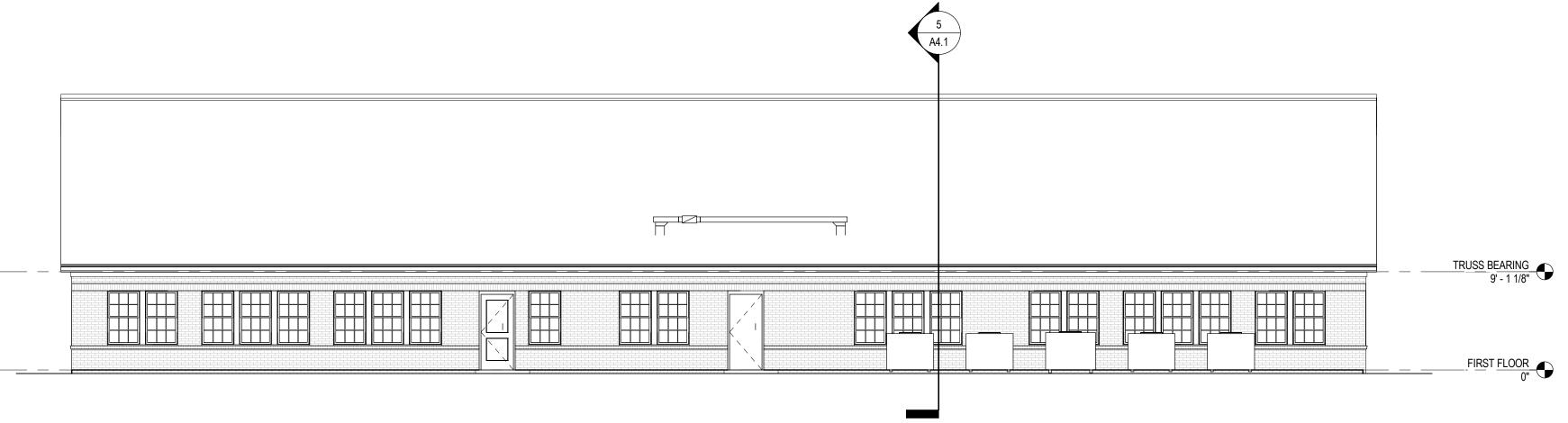
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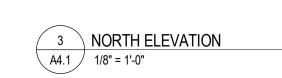


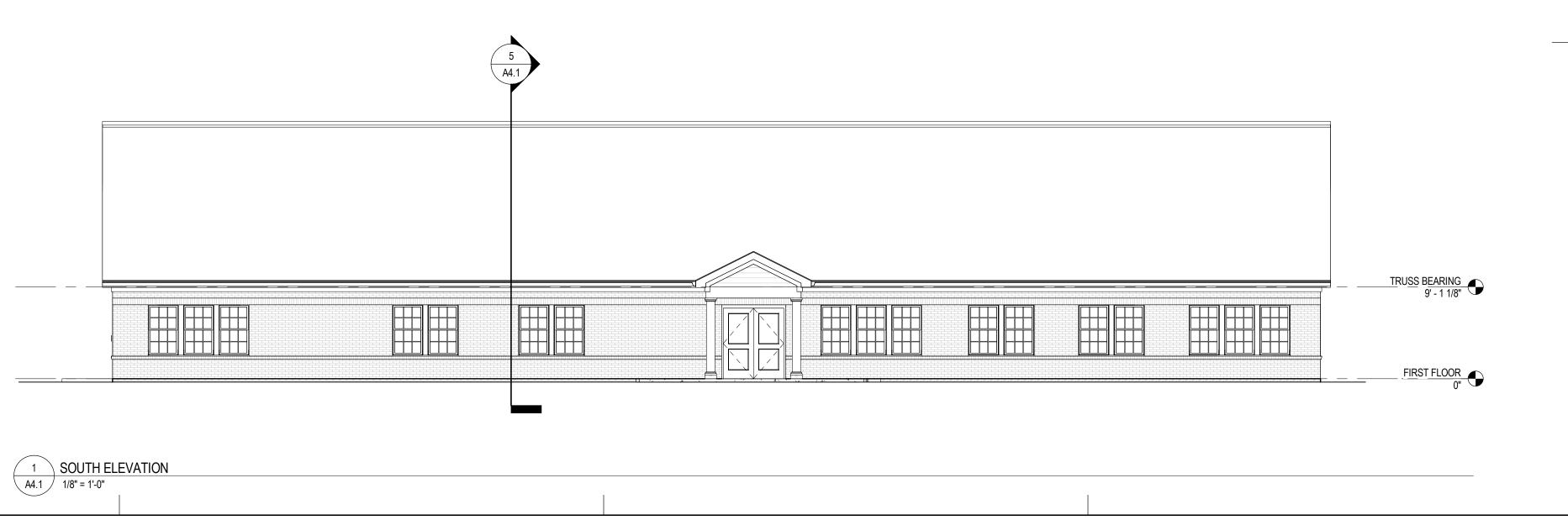












ADULT DAYCARE FACILITY

PROJECT ADDRESS

BERLIN PLANK ROAD
SOMERSET, PA 15501

PROJECT OWNER

ALLEGHENY LUTHERAN SOCIAL

**MINISTRIES** 



PROJECT TEAM

ARCHITECT

NOELKER AND HULL

ASSOCIATES, INC.

30 WEST KING STREET CHAMBERSBURG, PA | 17201-1540 P: 717.263.8464 | F: 717.263.6031 NOELKERHULL.COM PA | MD | VA

ARCHITECTS

STRUCTURAL ENGINEER

KELLER ENGINEERS, INC.

420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

M/E/P ENGINEER

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232 HORNER STREET | JOHNSTOWN, PA | 15902 P: 814.536.1651 | F: 814.536.5732

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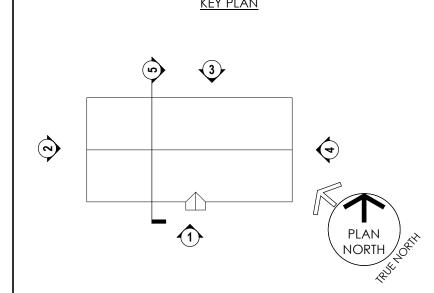
CIVIL ENGINEER

KELLER ENGINEERS, INC.

420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

LANDSCAPE ARCHITECT

SHEET INFORMATION



		<u>REVISIONS</u>	
REV. #:	DESCRIPTION:		DATE:

PROJECT STATUS

100% DD SUBMISSION

JOB NUMBER: 17044.01
ISSUE DATE: 26 MAY, 2017
SCALE: 1/8" = 1'-0"
SHEET TITLE:

EXTERIOR ELEVATIONS, BUILDING
AND WALL SECTIONS

SHEET NUMBER:

T NUMBER: **A4.1** 

2 ENLARGED PLAN - BATHROOM 120

A7.1 1/4" = 1'-0"

1 ENLARGED PLAN - MEN'S 117/WOMEN'S 118

A7.1 1/4" = 1'-0"

SHEET INFORMATION
KEY PLAN

PLAN NORTH OF

PROJECT INFORMATION

PROJECT TITLE

**ADULT DAYCARE** 

**FACILITY** 

PROJECT ADDRESS

BERLIN PLANK ROAD SOMERSET, PA 15501

PROJECT OWNER

ALLEGHENY LUTHERAN SOCIAL

**MINISTRIES** 

PROJECT TEAM

<u>ARCHITECT</u>

NOELKER AND HULL

ASSOCIATES, INC.

ARCHITECTS

30 WEST KING STREET CHAMBERSBURG, PA | 17201-1540 P: 717.263.8464 | F: 717.263.6031

PA | MD | VA

STRUCTURAL ENGINEER

KELLER ENGINEERS, INC.

420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

M/E/P ENGINEER

CJL ENGINEERING

232 HORNER STREET | JOHNSTOWN, PA | 15902 P: 814.536.1651 | F: 814.536.5732

FOOD SERVICE CONSULTANT

<u>CIVIL ENGINEER</u> **KELLER ENGINEERS, INC.** 

420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648 P: 814.696.7430 | F: 814.696.0150

LANDSCAPE ARCHITECT

ALLEGHENY LUTHERAN
SOCIAL MINISTRIES

We Touch Lives

			<u>revisions</u>	
	REV. #:	DESCRIPTION:		DATE:

PROJECT STATUS

 100% DD SUBMISSION

 JOB NUMBER:
 17044.01

 ISSUE DATE:
 26 MAY, 2017

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

 SHEET TITLE:

ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS

SHEET NUMBER:

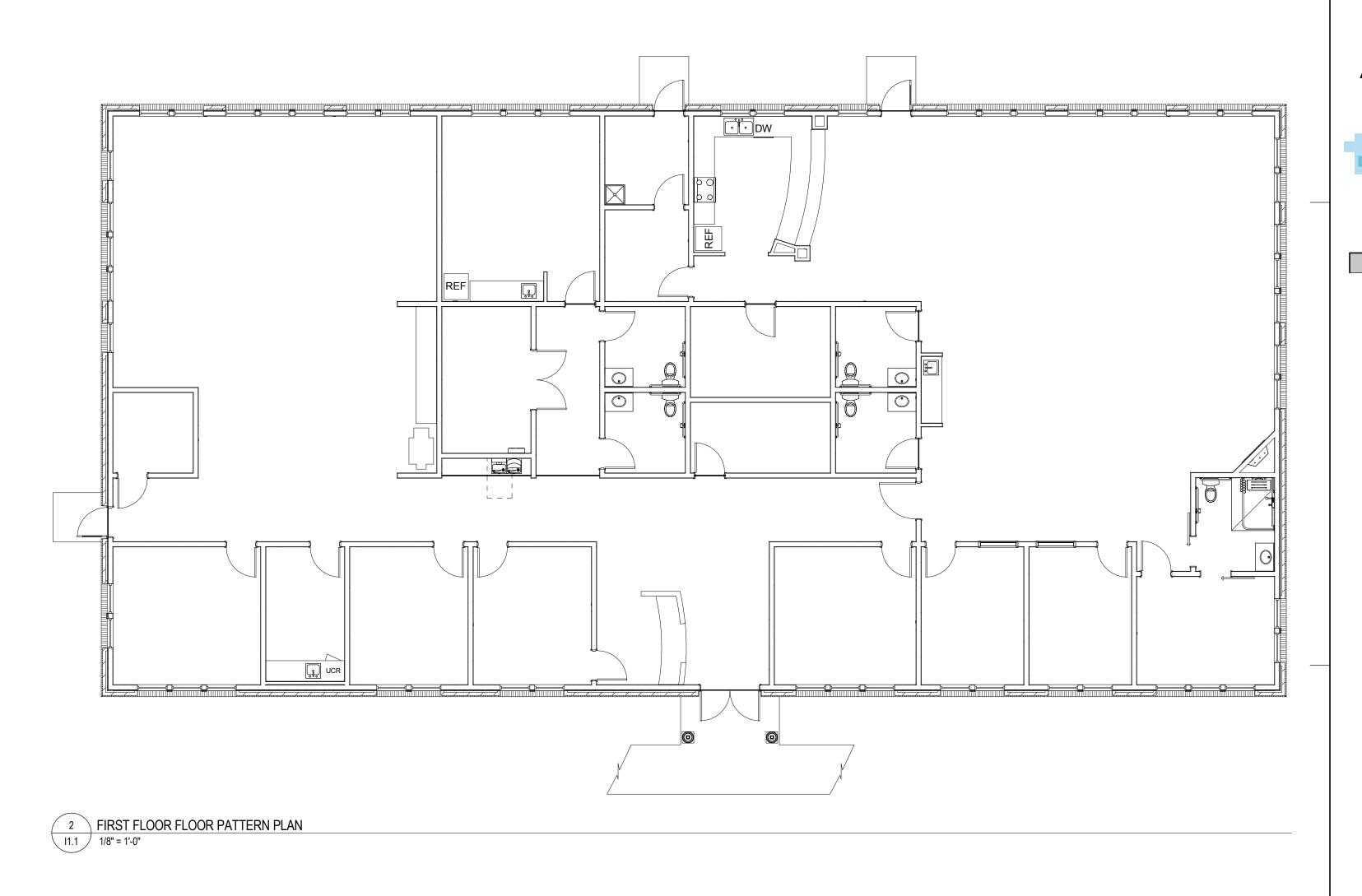
		INTERIOR FINISH LEGEND	
SYMBOL	MANUFACTURER	PRODUCT NAME, NUMBER & COLOR	PRODUCT DETAILS
	INTERIOR FINISH CARPENTRY		I
ND- ND-			
064113 - ND-	WOOD-VENEER FACED ARCHITECTUR	AL CABINETS	
)64116 - ⊃L-	PLASTIC-LAMINATE-FACED ARCHITEC	TURAL CABINETS	
093013 -	TII F		
CT-1			
GT-1 NS-1			
PT-1			
095113 - ACT-	ACOUSTICAL PANEL CEILINGS		
096400 - ND-	WOOD FLOORING		
096513 - RB-1	RESILIENT FLOOR, BASE AND ACCESS	SORIES	
RF- ST-1			
√B-1			
096623 - ΓΖ-	RESINOUS MATRIX TERRAZZO FLOOR	ING	
096723 - RES-	RESINIOUS FLOORING		
	CARPET		I
	WALL COVERINGS		
NC-1 098433 -	SOUND-ABSORBING WALL PANELS		
099000 -	PAINT		
P-1			
102123 - CC-1	CUBICLE CURTAINS AND TRACKS		
SHC-1			
102239 -	FOLDING PARTITIONS		
102600 - WP-1	WALL AND DOOR PROTECTION		
	METAL LOCKERS		
105123 -	PLASTIC-LAMINATE-CLAD LOCKERS		
122113 -	HORIZONTAL LOUVER BLINDS		
122116 -	VERTICAL LOUVER BLINDS		
122413 -	ROLLER WINDOW SHADES		
123213 - WD-	MANUFACTURED WOOD-VENEER-FAC	ES CASEWORK	
	MANUFACTURED PLASTIC-LAMINATE-F	FACED CASEWORK	
	3 - CULTURED MARBLE COUNTERTOPS	5	1
123661.1 SS-1	6 - SOLID SURFACEING COUNTERTOPS	S	
123661.1 QZ-1	9 - QUARTZ AGGLOMERATE COUNTER	TOPS	
			1

INT	ERIOR FINISH ABBREVIATIONS	
ACT	ACOUSTICAL CEILING TILE	
AWC	ACOUSTICAL WALLCOVERING	
BR	BUMPER RAIL	
C	CEILING SYSTEM	
CC	CUBICLE CURTAIN	
CG	CORNER GUARD	
CHR	CHAIR RAIL	
CPT	CARPET	
CR	CRASH RAIL	
CT	CERAMIC TILE	
DM	DECORATIVE METAL	
DP	DOOR PROTECTION	
DPG	DECORATIVE PLASTIC GLAZING	
EP	EPOXY PAINT	
FA	FABRIC	
FRP	FIBERGLASS REINFORCED PANEL	

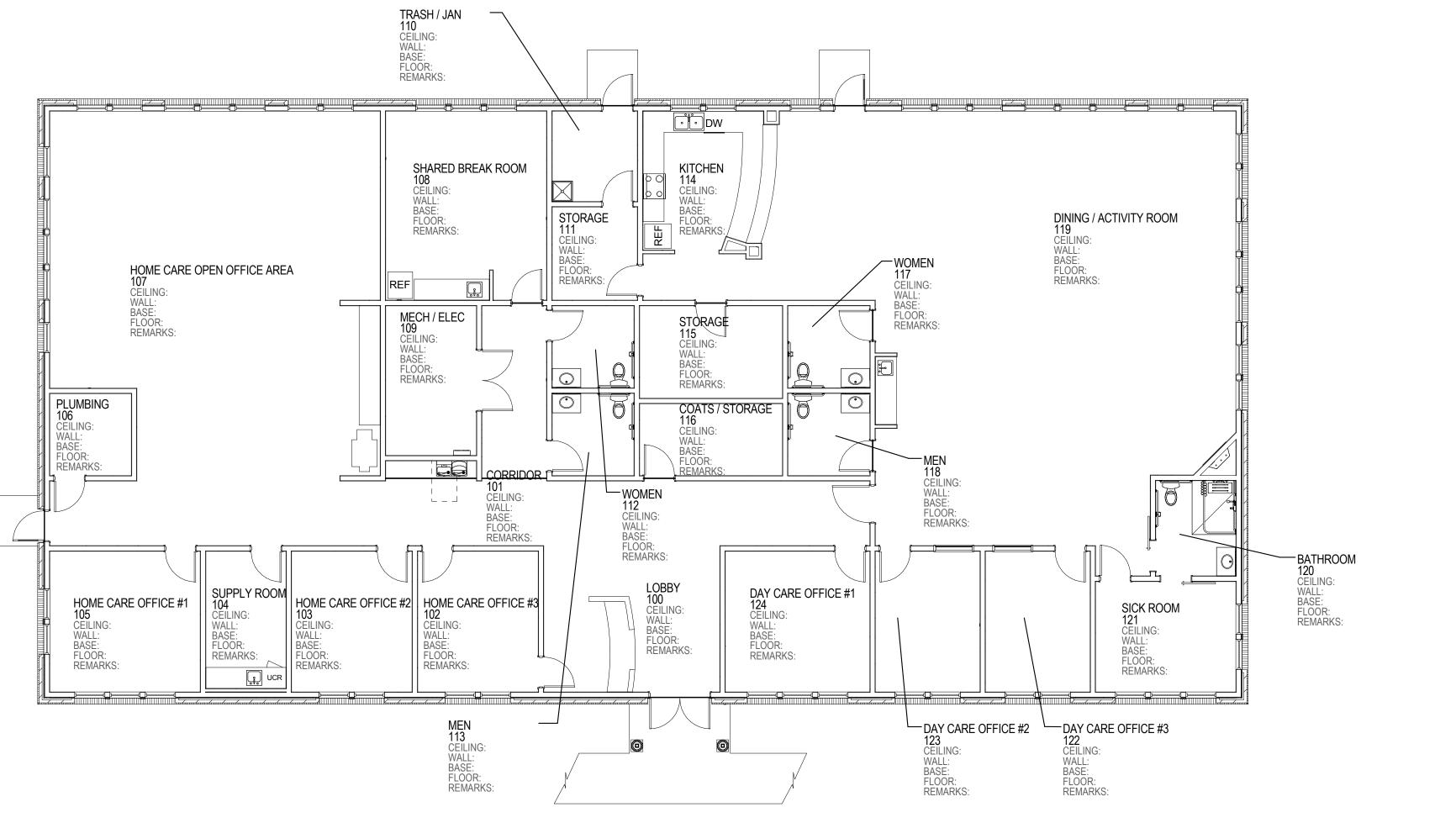
124813 - ENTRANCE FLOOR MATS AND FRAMES

INT	ERIOR FINISH ABBREVIATIONS	INTE	ERIOR FINISH ABBREVIATION
	01400	00010	OF M ED COMODETE
	GLASS	SCONC	SEALED CONCRETE
	GLASS TILE	SHC	SHOWER CURTAIN
	HAND RAIL	SMP	SOLID MINERAL PROFILE PANELING
	LEANING RAIL	SP	SOLID PHENOLIC
	LUXURY VINYL TILE	SS	SOLID SURFACE
	METAL TILE	ST	STAIR TREADS
	NATURAL STONE	STCONC	STAINED CONCRETE
	PAINT	TF	THERMOFOIL
	PLASTIC LAMINATE	TP	TOILET PARTITION
	PORCELAIN TILE	TZ	TERRAZZO
	QUARRY TILE	VB	VINYL BASE
	QUARTZ	VCT	VINYL COMPOSITION TILE
	RUBBER BASE	WC	WALLCOVERING
}	RESINIOUS POURED FLOORING	WD	WOOD
	RESILIENT FLOORING	WOM	WALK-OFF MAT
	SPECIALTY COATING	WP	WALL PROTECTION

## FLOOR PATTERN PLAN GENERAL NOTES



FINISH PLAN GENERAL NOTES



PROJECT INFORMATION

PROJECT TITLE

## ADULT DAYCARE **FACILITY**

PROJECT ADDRESS **BERLIN PLANK ROAD** SOMERSET, PA 15501

PROJECT OWNER

ALLEGHENY LUTHERAN SOCIAL **MINISTRIES** 



PROJECT TEAM NOELKER AND HULL

ASSOCIATES, INC.

ARCHITECTS

30 WEST KING STREET CHAMBERSBURG, PA | 17201-1540 P: 717.263.8464 | F: 717.263.6031

PA | MD | VA STRUCTURAL ENGINEER KELLER ENGINEERS, INC. 420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648 P: 814.696.7430 | F: 814.696.0150

> M/E/P ENGINEER CJL ENGINEERING

232 HORNER STREET | JOHNSTOWN, PA | 15902 P: 814.536.1651 | F: 814.536.5732

FOOD SERVICE CONSULTANT

<u>CIVIL ENGINEER</u> KELLER ENGINEERS, INC. 420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648 P: 814.696.7430 | F: 814.696.0150

LANDSCAPE ARCHITECT

SHEET INFORMATION

KEY PLAN

REV. #: DESCRIPTION:

PROJECT STATUS 100% DD SUBMISSION

JOB NUMBER: 26 MAY, 2017 ISSUE DATE: SCALE: 1/8" = 1'-0" SHEET TITLE: INTERIOR FINISHES AND FLOOR **PATTERN PLANS** 

SHEET NUMBER:

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1 FIRST FLOOR INTERIOR FINISH PLAN
1/8" = 1'-0"

#### 01.00 GENERAL NOTES

1. CONSTRUCTION LOADS SHALL NOT OVERLOAD STRUCTURE NOR SHALL THEY BE IN EXCESS OF DESIGN LOADS INDICATED ON DRAWINGS.

- SHOP DRAWINGS FOR THE FOLLOWING ITEMS SHALL BE SUBMITTED TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION OF THESE ITEMS.
   A. STRUCTURAL STEEL
- B. CONNECTOR PLATE WOOD ROOF TRUSSES
  C. PLYWOOD WEB JOISTS
  D. CONCERTS SUFAR WALL BEINE ORGING

D. CONCRETE SHEAR WALL REINFORCING

3. SEE THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS FOR DIMENSIONS AND DETAILS REQUIRE FOR RELATED WORK, NOT SHOWN ON THE STRUCTURAL DRAWINGS

- 4. G.C. WILL FURNISH SUB-CONTRACTORS WITH ANY ADDITIONAL DRAWINGS NEEDED TO COMPLETE STRUCTURAL WORK
- 5. ALL SECTIONS AND DETAILS ARE TO BE CONTINUOUS AND TYPICAL, U.N.O.
- 6. THE CONTRACTOR IS TO PREVENT THE COLLECTION AND PONDING OF SURFACE WATER OR SUBSURFACE WATER IN EXCAVATIONS BY PROVIDING FOR GRAVITY DRAINAGE OR BY PUMPING. SOIL MATERIALS DEPOSITED OR SOFTENED AS A RESULT OF COLLECTED WATER ARE TO BE REMOVED AND REPLACED WITH COMPACTED BACKFILL MATERIAL.
- 7. CRITERIA OUTLINED IN THE GEOTECHNICAL REPORT SUPERCEDES CRITERIA OUTLINED IN THE CONTRACT DOCUMENTS.

## 02.00 EXISTING CONDITIONS

- JOIST ENDS SHALL BE REBUILT AS REQUIRED......
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW ALL EXISTING JOB CONDITIONS. ANY ADVERSE EXISTING CONDITIONS AFFECTING WORK SHOWN ON THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR POSSIBLE CLARIFICATION OF RECONCILIATION.

## 03.21 CONCRETE REINFORCEMENT

- 1. TERMINATE ALL BARS IN ACCORDANCE WITH ACI 318 CODE LATEST ISSUE, WITH A HOOK IF THE REQUIRED EMBEDMENT LENGTH CANNOT BE OBTAINED.
- 2. REINFORCING SHOWN IN SECTIONS OF STRUCTURAL DRAWINGS OF BEAMS, SLABS, WALLS, ETC. IS TO BE CONTINUOUS AND TYPICAL, UNLESS OTHERWISE NOTED.
- 3. CONCRETE PROTECTION FOR REINFORCING STEEL:
  A. <u>FOOTINGS:</u> COVERAGE OF 3" FOR BOTTOM AND SIDES
  B. <u>PIERS:</u> COVERAGE OF 1-1/2" FOR TIES
  - . WALLS: COVERAGE OF 3/4" ON INSIDE FACE COVERAGE OF 2" ON OUTSIDE FACE FOR #6 BARS AND LARGER COVERAGE OF 1-1/2" ON OUTSIDE FACE FOR #5 BARS AND SMALLER

## 03.31 CAST-IN-PLACE STRUCTURAL CONCRETE

- 1. PIPES OR CONDUITS PLACED IN SLABS SHALL NOT HAVE AN OUTSIDE DIAMETER LARGER THAN 1/3 THE SLAB THICKNESS AND SHALL NOT BE SPACED CLOSER THAN 3 DIAMETERS ON CENTER. ALUMINUM CONDUITS SHALL NOT BE PLACED IN CONCRETE.
- 2. ALL SLABS ON GRADE ARE TO BE 4" THICK AND BE REINFORCED WITH 6 X6-W2.1 XW2.1 (6X6-8/8) WELDED MESH, UNLESS NOTED OTHERWISE. SPLICES PER CRSI, LATEST EDITION.
- 3. SEE THE ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION AND EXTENT OF SLABS
- 4. PROVIDE ALL OPENINGS IN FLOOR FOR OTHER TRADES. OPENINGS 1'-0" IN THE LONGEST DIMENSION ARE TO HAVE (1) #4 BAR X 2'-0" DIAGONALLY AT THE CORNERS.
- 5. WHERE BEAMS ARE SHOWN WITHOUT BEARING PLATES, SET BEAMS ON GROUT TO THE PROPER ELEVATION.
- 6. FILL ALL COLUMN AND BEAM POCKETS WITH CONCRETE OR MASONRY AFTER ALL COLUMNS AND BEAMS ARE IN PLACE.
- 7 CONSTRUCTION JOINTS IN DEAMS SLADS AND WALLS LISED AS DEAMS ARE TO BE NEAD THE
- 7. CONSTRUCTION JOINTS IN BEAMS, SLABS, AND WALLS USED AS BEAMS, ARE TO BE NEAR THE CENTER OF SPAN.
- 8. REINFORCED CONCRETE BEAMS ARE TO HAVE 8" MINIMUM BEARING
- 9. UNLESS NOTED OTHERWISE, ALL SLAB AND BEAM FORMS SHALL BE CAMBERED 1/8" FOR EACH 10'-0" OF SPAN. CAMBER SHALL BE 1/2" FOR EACH 8'-0" OF CANTILEVER SPAN. SPECIAL ATTENTION IS DIRECTED TO THE REQUIREMENT THAT THE CONTRACTOR MUST CHECK THE CAMBER USING SURVEYING INSTRUMENTS AND ADJUST THE SHORING DURING AND IMMEDIATELY AFTER THE PLACEMENT OF CONCRETE BEAMS AND SLABS. THIS ADJUSTMENT MUST NOT BE ATTEMPTED AFTER THE INITIAL SET OF THE CONCRETE.
- 10. CONCRETE WALL CONSTRUCTION JOINTS ARE TO BE 60'-0" OC MAXIMUM, UNO.
- 11. ALL WALLS THAT SUPPORT STRUCTURAL SLABS ARE TO HAVE #4 DOWELS 5'-0" LONG AT 12" OC THAT EXTEND 2'-6" INTO TOP OF WALL, UNO.
- 12. CONCRETE WALLS ARE TO HAVE CORNER BARS THE SAME AS HORIZONTAL WALL REINFORCING, INCLUDING TOP AND BOTTOM BARS, TYPICAL AT ALL CORNERS AND INTERSECTIONS, MINIMUM #4 @ 12"

13. PROVIDE (1) #5 BAR AROUND ALL OPENINGS IN CONCRETE WALLS, BOTH FACES, DIAGONALLY AT EACH CORNER (TOTAL OF 8).

#### 03.41 PRECAST CONCRETE

CONCRETE SURFACES.

1. PROVIDE 55 LB FELT AT ALL LOCATIONS WHERE PRECAST MEMBERS BEAR DIRECTLY ON

2. PLANK SUPPLIER TO PROVIDE SOLID CORES AROUND PERIMETER AND SELECTED PLANK OPENINGS. SEE PLAN FOR LOCATIONS.

3. PLANK SUPPLIER TO COORDINATE ALL OPENINGS WITH THE RESPECTIVE CONTRACTOR.

#### 03.60 GROUTING

1. PROVIDE NON-SHRINK, NON-METALLIC PRE-MIXED GROUT UNDER ALL COLUMN BASE PLATES AND BEAM BEARING PLATES. GROUT SHALL HAVE A 7 DAY COMPRESSIVE STRENGTH OF 3,000 PSI.

## 04.20 UNIT MASONRY

1. CONCRETE BLOCK WALLS SUBJECT TO EARTH PRESSURE SHALL BE DOWELED TO FOOTINGS WITH #3 BARS @ 16" OC, EMBEDDED 6" MINIMUM IN FOOTING AND PROJECTING 2 COURSES INTO THE BLOCK. THE BLOCK CELLS ARE TO BE GROUTED WHERE THE DOWELS OCCUR.

- 2. PROVIDE ALL REINFORCED BLOCK WALLS WITH VERTICAL REINFORCING AS NOTED AND CONTINUOUS BOND BEAMS AT BEARING ELEVATIONS. REINFORCE BOND BEAMS WITH 2 #4 BARS, CONTINUOUS, UNO.
- A. <u>VERTICAL REINFORCING:</u>
  1. INTERIOR WALLS: 1 #5 @ 48" OC
  2. EXTERIOR WALLS: 1 #5 @ 24" OC

3. GROUT CELLS FULL WHERE REINFORCING OCCURS. REINFORCING TO EXTEND FROM FOUNDATION TO TOP OF WALL.

- MASONRY JOINT REINFORCEMENT:
   A. INTERIOR WALLS: MILL- GALVANIZED, CARBON STEEL
  - B. EXTERIOR WALLS: HOT-DIP GALVANIZED, CARBON STEEL
     C. WIRE SIZE FOR SIDE RODS: 0.148-INCH DIAMETER.
- D. WIRE SIZE FOR CROSS RODS: 0.148-INCH DIAMETER.E. WIRE SIZE FOR VENEER TIES: 0.148-INCH DIAMETER.
- F. SPACING OF CROSS RODS, TABS, AND CROSS TIES: NOT MORE THAN 16 INCHES O.C.
  G. PROVIDE IN LENGTHS OF NOT LESS THAN 10 FEET, WITH PREFABRICATED CORNER AND TEE
- JNITS.

  H. VERTICAL SPACING TO BE 16" O.C.

#### 06.11 ROUGH CARPENTRY

1. ALL STUD WALLS SHOWN ON STRUCTURAL DRAWINGS SHALL HAVE 2x4 STUDS PLACED AT 16" OC, EXCEPT WHERE SHOWN OTHERWISE.

- 2. TOP PLATES SHALL BE DOUBLED ON ALL STUD WALLS.
- 3. CRIPPLES UNDER HEADERS SHALL BE CONTINUOUS TO SOLE PLATE.
- CRIPPLES UNDER HEADERS SHALL BE CONTINUOUS TO S
   BLOCK ALL STUD WALLS AS REQUIRED FOR SHEATHING.
- 5. ALL WOOD IN CONTACT WITH CONCRETE, MASONRY, OR SOIL SHALL BE PRESSURE TREATED.
- 6. BEAMS, GIRDERS, AND JOISTS SHALL NOT BE NOTCHED, UNLESS NOTED OTHERWISE.
- 7. JOISTS, RAFTERS, AND DECKING SHALL NOT BE CUT AND HEADED OR DISPLACED TO PROVIDE FOR OPENINGS IN ROOFS OR FLOORS, EXCEPT AS DETAILED ON DRAWINGS.
- 8. INSTALL ALL HORIZONTAL MEMBERS WITH CROWN UP.

9. ALL MEMBERS IN BEARING SHALL BE ACCURATELY CUT AND ALIGNED SO THAT FULL BEARING IS PROVIDED WITHOUT THE USE OF SHIMS. BEARING POSTS SHALL HAVE FULL BLOCKING OF SUPPORT

- 10. ALL JOISTS SHALL HAVE A MINIMUM OF 2" BEARING AT SUPPORTS. LAPPING JOISTS SHALL HAVE 6" LAPS CENTERED OVER INTERIOR SUPPORTS.
- 11. LEDGERS AND STUD WALL FOUNDATION SILL PLATES SHALL BE BOLTED TO CONCRETE WITH ANCHOR BOLTS OF SIZE AND MINIMUM SPACING AS SHOWN ON DRAWINGS. AT LEAST TWO BOLTS
- SHALL BE PROVIDED FOR EACH PIECE WITH ONE BOLT WITHIN 12" OF EACH END.

  12. PLACE A SINGLE PLATE AT THE BOTTOM AND A DOUBLE PLATE AT THE TOP OF ALL STUD WALLS. SILL PLATES SHALL BE BOLTED TO FOUNDATION BEAM WITH 1/2" DIAMETER ANCHOR BOLTS EMBEDDED SEVEN INCHES MINIMUM AT A MAXIMUM SPACING OF 48" OC. PROVIDE A MINIMUM OF TWO BOLTS PER PIECE WITH ONE BOLT LOCATED NOT MORE THAN 12" OR LESS THAN 4" FROM EACH END OF PIECE.
- 13. STUDS SHALL BE DOUBLED AT ALL ANGLES, CORNERS AND AROUND ALL OPENINGS.

ANCHOR BOLTS SHALL BE HOT DIPPED GALVANIZED PER ASTM A653, G185.

- 14. PROVIDE FRAMING AND BLOCKING TO SUPPORT ALL EDGES OF OPENINGS IN THE PLYWOOD ROOF
- 15. UNLESS OTHERWISE NOTED, ALL TIMBER CONNECTIONS SHALL BE NAILED IN CONFORMANCE WITH THE INTERNATIONAL BUILDING CODE, TABLE 2304.9.1.

16. FOR BEAMS AND GIRDERS PERPENDICULAR TO WALLS, PROVIDE ONE STUD FOR EACH 1 1/2" OF BEAM WIDTH. STUD PACKS/COLUMNS SHALL BE CONTINUOUS TO FOUNDATION, INCLUDING WITHIN FLOOR TRUSS SPACE.

06.16 SHEATHING

- PLYWOOD SHEATHING AND SUBFLOOR NAILING
   A. ROOF PLYWOOD: 8d COMMON AT 6" OC AT ALL SUPPORTED EDGES AND AT 12" OC AT INTERIOR SUPPORT.
- B. FLOOR PLYWOOD: 8d COMMON AT 6" OC AT ALL SUPPORTED EDGES AND AT 10" OC AT INTERIOR SUPPORTS.
  C. WALL PLYWOOD SHEATHING DIRECT TO FRAMING: 8d COMMON AT 6" OC ALL PANEL EDGES AND AT 10" OC AT ALL INTERIOR STUDS.
- 2. BEFORE EACH PANEL IS PLACED, A LINE OF GLUE SHALL BE APPLIED TO THE JOISTS WITH A CAULKING GUN. THE PANEL T&G JOINT SHALL ALSO BE GLUED, ALTHOUGH LESS HEAVILY TO AVOID SQUEEZE-OUT.
- 3. ALL WOOD STRUCTURE PANEL DIAPHRAGMS AT WALLS, ROOFS AND FLOORS SHALL BE APA RATED SHEETING. ALL PLYWOOD SHALL HAVE AT LEAST 5-PLIES. ALL PANEL EDGES ARE TO BE BLOCKED USING 2 x 4 FLAT. PLACE PANELS WITH STRENGTH DIRECTION PERPENDICULAR TO SUPPORTS WITH ENDS AND JOINTS STAGGERED. ORIENTED STRAND BOARD SUBSTITUTION IS ALLOWED EXCEPT FLOORS USE PLYWOOD IN ALL CASES. MAINTAIN SPECIFIED PANEL SPAN RATINGS AND THICKNESS.

## 06.17 SHOP FABRICATED STRUCTURAL WOOD TRUSSES

- 1. PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF THE PROJECT IN ACCORDANCE WITH THE LATEST EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR STRESS-GRADE LUMBER AND ITS FASTENINGS" AS RECOMMENDED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.
- 2. THE TRUSS MANUFACTURER SHALL SUBMIT THE FOLLOWING CERTIFICATIONS, SEALED BY THE ENGINEER RESPONSIBLE FOR THE DESIGN, FOR THE ARCHITECT'S APPROVAL PRIOR TO FABRICATION
- OF ANY MATERIALS.

  A. CERTIFICATION BY AN INDEPENDENT AGENCY OF THE RATED LOAD CAPACITY OF THE CONNECTORS USED TO SECURE THE MEMBERS.

  B. CERTIFICATION THAT THE MANUFACTURER IS LICENSED TO FABRICATE TRUSSES UTILIZING THE
- CONNECTOR SYSTEM PROPOSED.

  C. CERTIFICATION THAT THE TRUSSES ARE DESIGNED TO MEET THE LOAD CRITERIA SPECIFIED HEREIN.

  D. FABRICATION AND INSTALLATION DRAWINGS SHALL BE SUBMITTED TO THE CONTRACTOR FOR APPROVAL OF SIZE, SHAPE AND LAYOUT PRIOR TO FABRICATION OF MATERIALS.
- 3. TOP CHORDS ARE TO BE DESIGNED TO RESIST BENDING INDUCED BY THE ROOF DEAD LOAD AND LIVE LOAD.
- 4. DEFLECTIONS DUE TO LIVE LOAD SHALL BE LIMITED TO L/360. TOTAL LOAD DEFLECTIONS SHALL BE LIMITED TO L/240.
- BOTTOM CHORDS SHALL NOT BE SPLICED WITHIN THE MIDDLE THIRD OF THE SPAN LENGTH.
   CONNECT ROOF TRUSSES TO BEARING WALL OR BEAM SUPPORT AT EACH END WITH A TYPE H10A FRAMING ANCHOR AS MANUFACTURED BY SIMPSON COMPANY, OR APPROVED EQUAL, UNLESS NOTED
- 7. TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING LOADING:
  A. TOP CHORD LIVE LOAD:

  RESIDENTIAL FLOORS

  BALCONIES

  CORRIDORS

  STORAGE

  ROOF

  B. TOP CHORD DEAD LOAD

  RESIDENTIAL FLOORS

  BALCONIES

  20 PSF

  BALCONIES

  35 PSF
- B. TOP CHORD DEAD LOAD

  RESIDENTIAL FLOORS
  BALCONIES
  CORRIDORS
  STORAGE
  ROOF
  CORPORT
  STORAGE
  ROOF
  STORAGE
  ROOF
  STORAGE
  STORAGE
- D. MECHANICAL EQUIPMENT AS SHOWN ON PLANS.

OTHERWISE.

8. TRUSS MANUFACTURER SHALL DESIGN AND PROVIDE ALL HEADERS AND SPECIAL TRUSSES REQUIRED TO SUPPORT ROOF TOP EQUIPMENT AND TO FRAME ROOF OPENINGS. CONNECTIONS

9. TRUSS MANUFACTURER SHALL DESIGN AND INDICATE LOCATIONS FOR ALL TEMPORARY AND PERMANENT (IF ANY) BRIDGING. GENERAL CONTRACTOR SHALL INSTALL ALL BRIDGING AS DIRECTED BY TRUSS MANUFACTURER.

BETWEEN HEADERS AND TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER.

## 31.00 FOUNDATIONS

1. FOUNDATIONS HAVE BEEN DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH

CRITERIA ESTABLISHED IN THE GEOTECHNICAL REPORT.

2. ALL FOUNDATIONS ARE TO BEAR ON MATERIAL HAVING AT LEAST THE ABOVE NOTED CAPACITY. ROCK-BEARING FOUNDATIONS ARE TO BE FOUNDED ON 100% COMPETENT ROCK. ALL EXTERIOR

4. STEPS IN ALL FOOTINGS ARE NOT TO EXCEED 1'-0" VERTICAL FOR EACH 2'-0" HORIZONTAL.

FOOTINGS SHALL BE A MINIMUM OF 3'-6" BELOW FINISHED GRADE.

10. UNLESS NOTED OTHERWISE ALL WALL FOOTINGS ARE TO BE 12" THICK AND PROJECT 6" ON EACH SIDE OF THE WALL WITH A MINIMUM TOTAL WIDTH OF 2'-0". FOOTINGS ARE TO BE REINFORCED WITH 3-#4 CONTINUOUS BARS AND #4 CROSS TIES AT 4'-0" OC SECURELY WIRE TIED TO THE CONTINUOUS

- 11. BACKFILL SHALL NOT BE PLACE AGAINST BASEMENT RETAINING WALLS UNTIL:
- A. CONCRETE OR MASONRY GROUT HAS REACHED ITS SPECIFIED 28 DAY STRENGTH.
- B. CONCRETE SLAB IS INSTALLED AND HAS REACHED 28 DAY STRENGTH.
- C. STRUCTURAL FLOOR FRAMING (INCLUDING PLYWOOD SUBFLOOR) REQUIRED TO STABILIZE WALLS IS COMPLETE AND FULLY NAILED AND ANCHORED.

12. FOOTINGS AND SLAB-ON-GRADE CONCRETE SHALL NOT BE PLACED ON MUDDY OR FROZEN GROUND. SUB-GRADE FOR SLAB WHERE VAPOR BARRIER IS NOT REQUIRED SHALL BE DAMP AT TIME OF CONCRETE PLACEMENT.

13. IN NO CASE SHALL BULLDOZERS OR OTHER HEAVY EQUIPMENT BE PERMITTED CLOSER THAN 8 FEET FROM ANY FOUNDATION WALL. IF IT IS NECESSARY TO OPERATE SUCH EQUIPMENT CLOSER THAN 8 FEET TO THE WALL. THE CONTRACTOR SHALL BE THE SOLE RESPONSIBLE PARTY AND AT HIS OWN EXPENSE SHALL PROVIDE ADEQUATE SUPPORTS OR BRACE THE WALL TO WITHSTAND THE ADDITIONAL LOADS SUPERIMPOSED FROM SUCH EQUIPMENT.

14. NO CONCRETE FOUNDATION OR SLAB ON GRADE MAY BE PLACED UNTIL SUBGRADE FOR SAME HAS BEEN APPROVED BY THE GEOTECHNICAL ENGINEER.

PROJECT INFORMATION

PROJECT TITLE

# ADULT DAYCARE FACILITY

PROJECT ADDRESS

231 TABERNACLE DRIVE
SOMERSET. PA 15501

PROJECT OWNER

ALLEGHENY LUTHERAN SOCIAL MINISTRIES





NOELKER AND HULL

ASSOCIATES, INC.

CHAMBERSBURG, PA | 17201-1540 P: 717.263.8464 | F: 717.263.6031 NOELKERHULL.COM PA | MD | VA

30 WEST KING STREET

STRUCTURAL ENGINEER

M/E/P ENGINEER

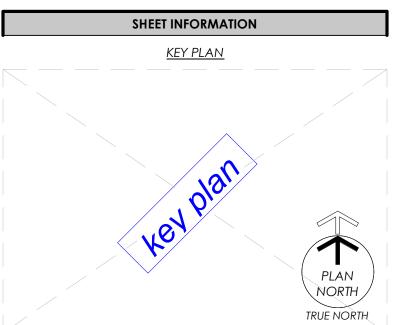
FOOD SERVICE CONSULTANT

<u>CIVIL ENGINEER</u>

LANDSCAPE ARCHITECT

# PROGRESS SET NOT FOR CONSTRUCTION

ARCHITECT'S STAMP



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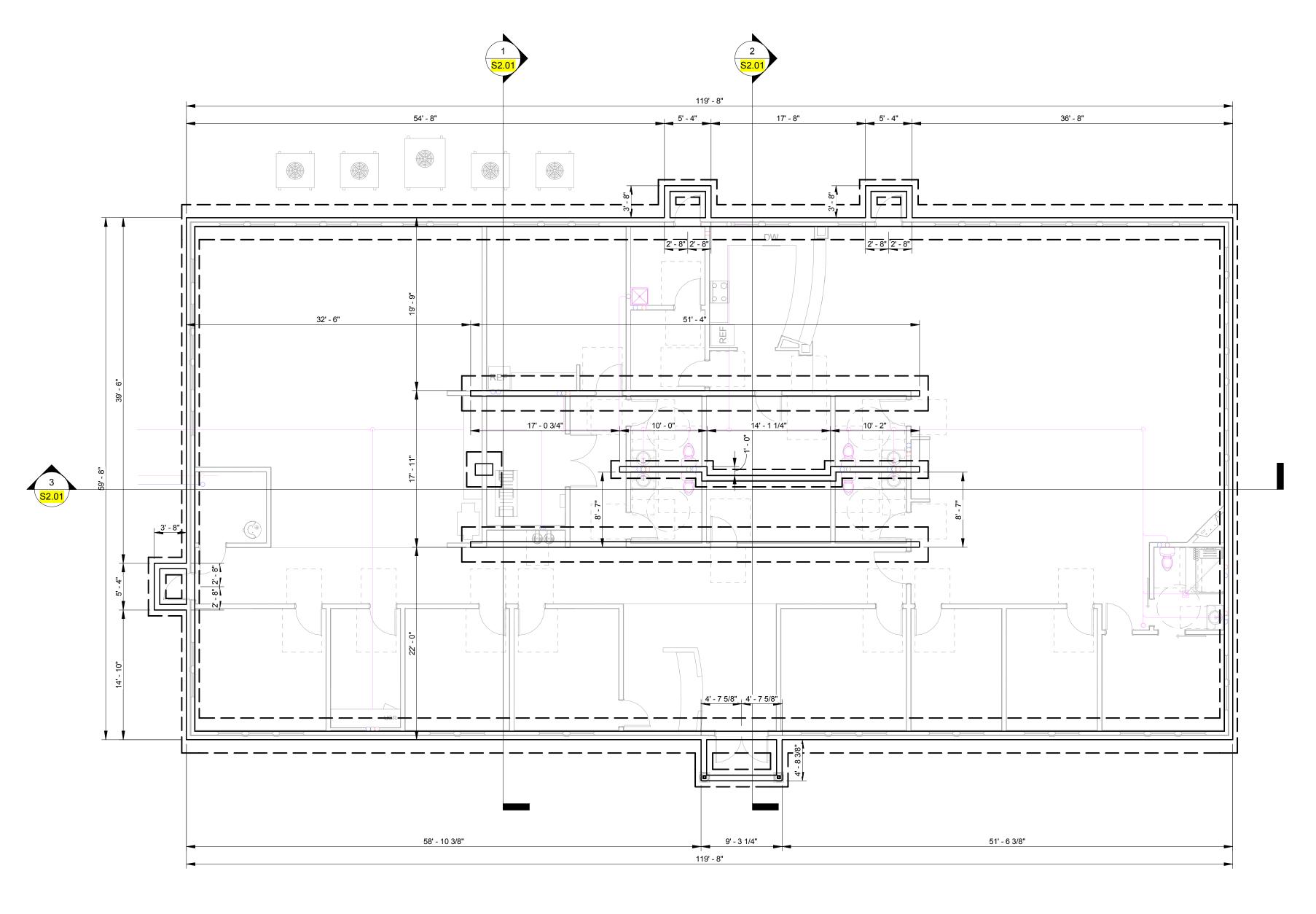
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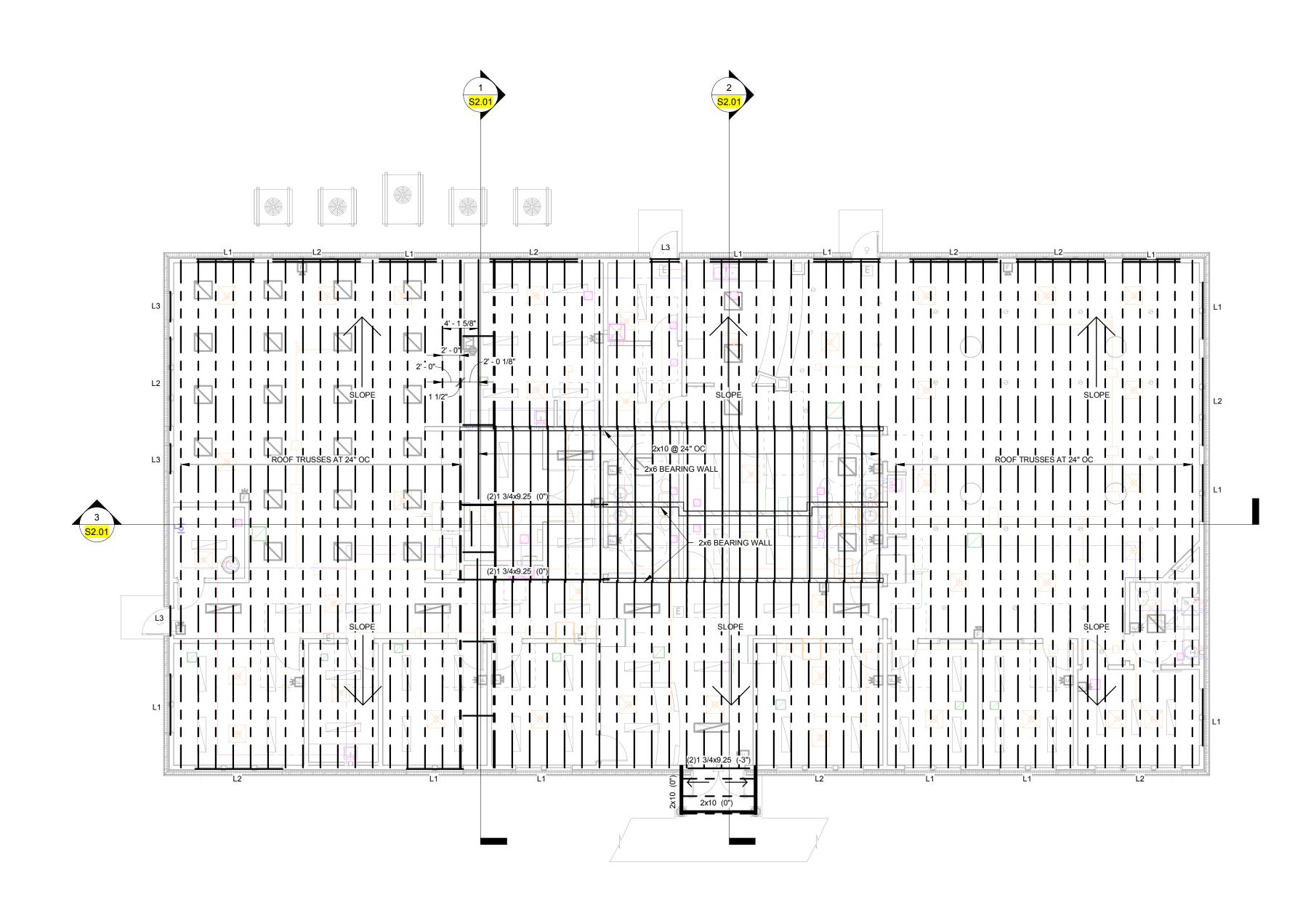
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**20.01** 



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



ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

LINTELS
L1 -- INSULATED LSL HEADER, 7.25" DEEP, DOUBLE SPAN, TWO JACK STUDS UNDER EACH BEARING POINT
L2 -- INSULATED LSL HEADER, 7.25" DEEP, TRIPLE SPAN, TWO JACK STUDS UNDER EACH BEARING POINT
L3 -- INSULATED LSL HEADER, 7.25" DEEP, SINGLE SPAN, TWO JACK STUDS UNDER EACH BEARING POINT

PROJECT INFORMATION

PROJECT TITLE

# ADULT DAYCARE FACILITY

PROJECT ADDRESS

231 TABERNACLE DRIVE

SOMERSET, PA 15501

ALLEGHENY LUTHERAN SOCIAL MINISTRIES



PROJECT TEAM

ARCHITECT

NOELKER AND HULL ASSOCIATES, INC.

ASSOCIATES, INC.

ARCHITECTS

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8464 | F: 717.263.6031
NOELKERHULL.COM
PA | MD | VA

STRUCTURAL ENGINEER

M/E/P ENGINEER

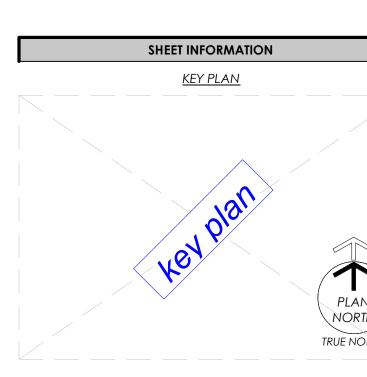
FOOD SERVICE CONSULTANT

<u>CIVIL ENGINEER</u>

LANDSCAPE ARCHITECT



ARCHITECT'S STAMP



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PROJECT STATUS

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JOB NUMBER:

ISSUE DATE:

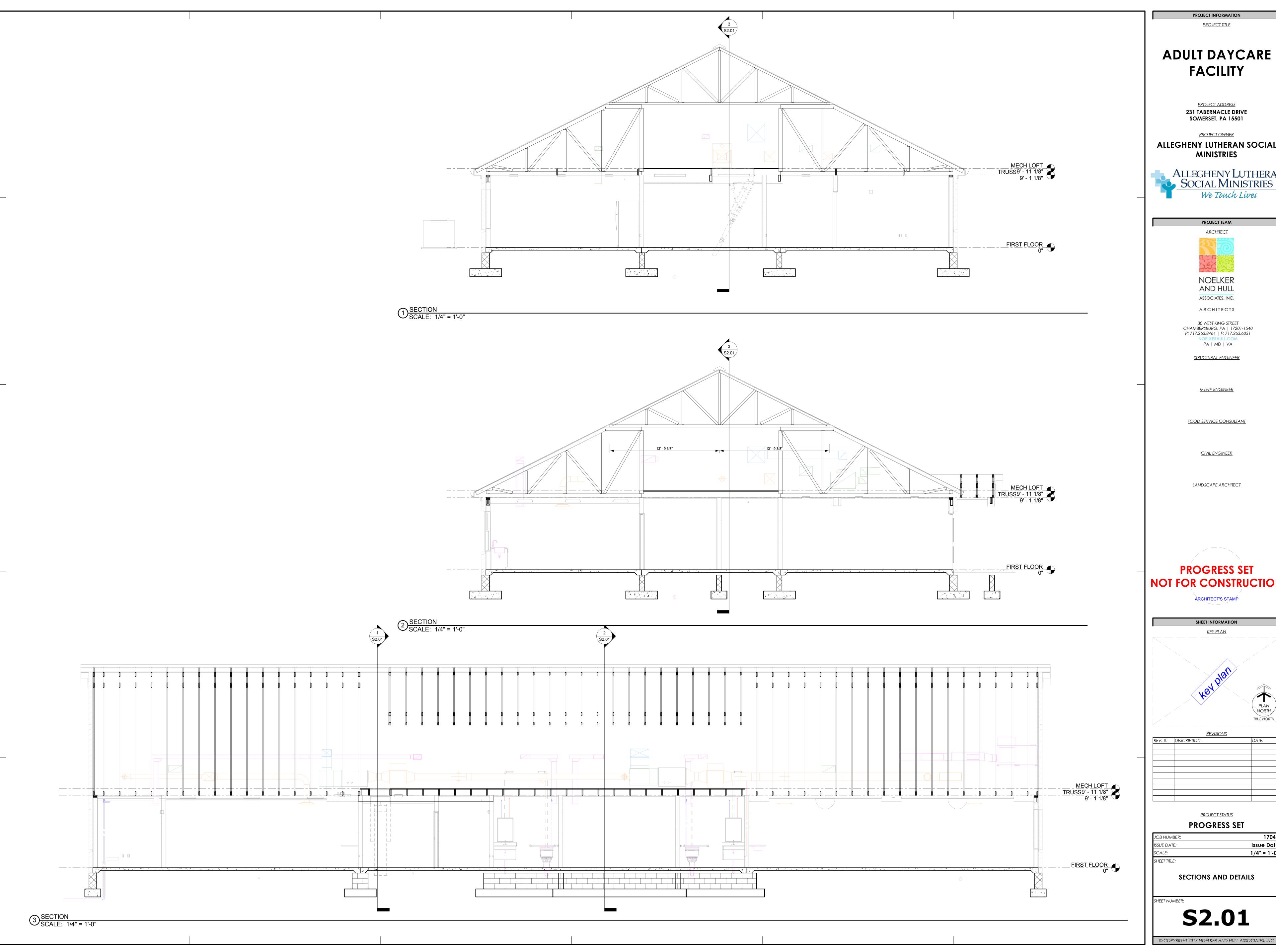
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FOUNDATION PLAN AND ROOF
PLAN

EET NUMBER:

**S1.01** 



## ADULT DAYCARE **FACILITY**

PROJECT ADDRESS 231 TABERNACLE DRIVE SOMERSET, PA 15501

PROJECT OWNER **ALLEGHENY LUTHERAN SOCIAL** 





ASSOCIATES, INC.

30 WEST KING STREET CHAMBERSBURG, PA | 17201-1540 P: 717.263.8464 | F: 717.263.6031

ARCHITECTS

STRUCTURAL ENGINEER

PA | MD | VA

M/E/P ENGINEER

FOOD SERVICE CONSULTANT

<u>CIVIL ENGINEER</u>

LANDSCAPE ARCHITECT

## **PROGRESS SET** NOT FOR CONSTRUCTION

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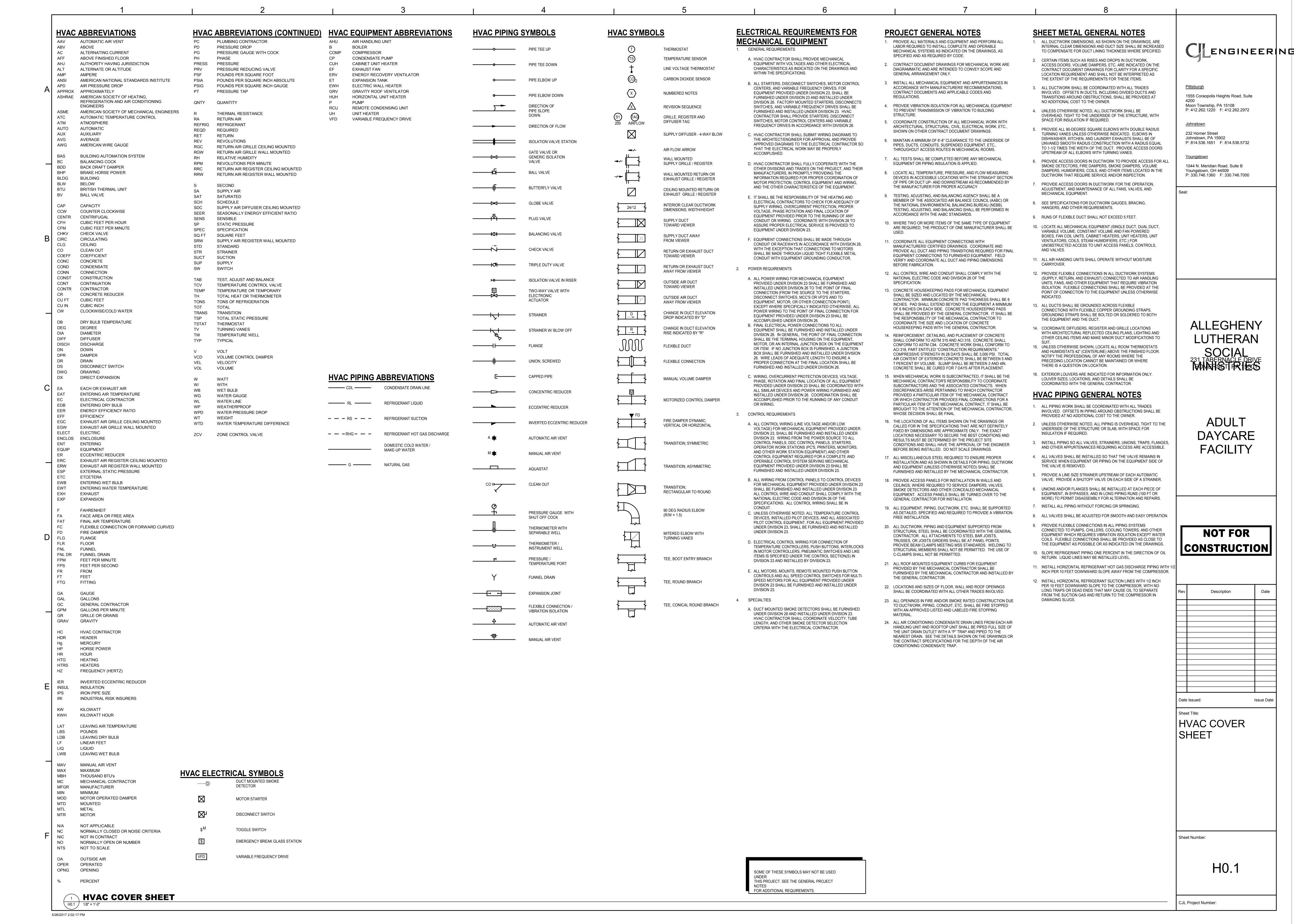
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## PROJECT STATUS PROGRESS SET

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SHEET NUMBER:	

**52.U1** 





PROJECT INFORMATION

PROJECT TITLE

# ADULT DAYCARE FACILITY

PROJECT ADDRESS

231 TABERNACLE DRIVE
SOMERSET, PA 15501

PROJECT OWNER

ALLEGHENY LUTHERAN SOCIAL MINISTRIES





NOELKER AND HULL ASSOCIATES, INC.

ASSOCIATES, INC.

30 WEST KING STREET CHAMBERSBURG, PA | 17201-1540 P: 717.263.8464 | F: 717.263.6031 **NOELKERHULL.COM** PA | MD | VA

STRUCTURAL ENGINEER

M/E/P ENGINEER

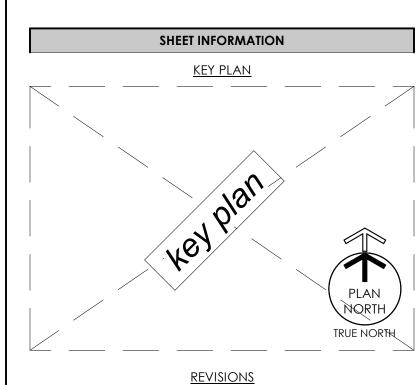
FOOD SERVICE CONSULTANT

CIVIL ENGINEER

LANDSCAPE ARCHITECT



ARCHITECT'S STAMP

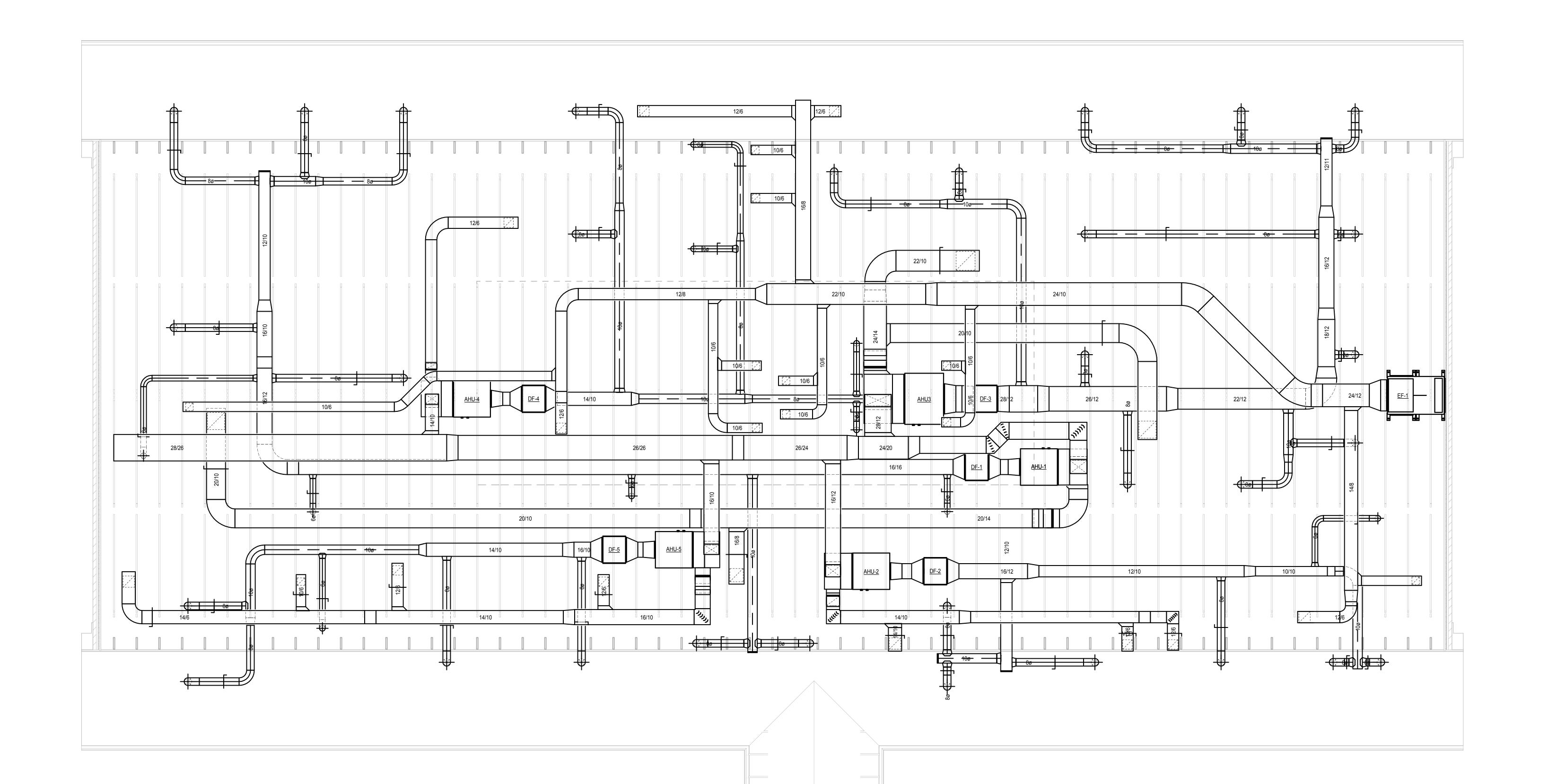


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SHEET TITLE:	
FIR	ST FLOOR PLAN - HVAC

SHEET NUMBER:



# ADULT DAYCARE FACILITY

PROJECT ADDRESS

231 TABERNACLE DRIVE
SOMERSET, PA 15501

JMERSEI, I A 1550

PROJECT OWNER

# ALLEGHENY LUTHERAN SOCIAL MINISTRIES





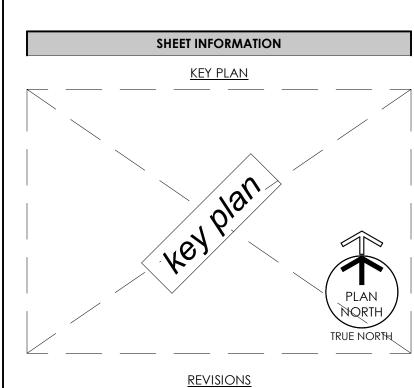
FOOD SERVICE CONSULTANT

<u>CIVIL ENGINEER</u>

LANDSCAPE ARCHITECT

# PROGRESS SET NOT FOR CONSTRUCTION

ARCHITECT'S STAMP



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# PROJECT STATUS PROGRESS SET

JOB NUMBER:	1704
ISSUE DATE:	Issue Date
SCALE:	1/4" = 1'-0
SHEET TITLE:	
MECHANICAL LOFT PLAN	- HVAC

SHEET NUMBER:

**42.1** 

				RADIANT	FLOOR HE	ATING SY	STEM					
/	SCHEDULE OF ZONES	# OF LOOPS	LENGTH PER LOOP (FT)	PIPE SPACING	FLOW RATE PER LOOP (GPM)	HEAD LOSS PER LOOP (FT)	RADIANT HEAT PER LOOP (MBH)	EWT (°F)	LWT (°F)	TUBING SIZE	TOTAL ZONE HEAT (MBH)	TOTAL ZONE FLOW (GPM)
	ZONE #1 - NORTH CLASSROOMS	13	327	15" ON CENTER	0.52	0.58	4.1	93.2	77.2	3/4"	54.0	6.7
	ZONE #2 - SOUTH CLASSROOMS	9	361	15" ON CENTER	0.58	0.75	8.5	106.3	76.9	3/4"	76.7	5.2

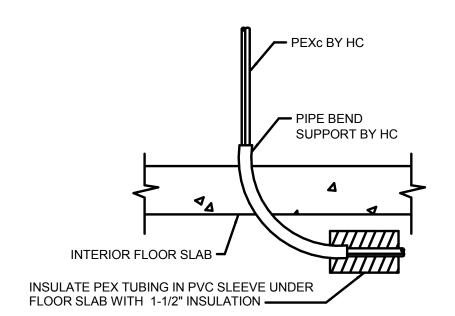
- 1. RADIANT FLOOR HEAT SYSTEM DESIGNED AROUND A 25°F TEMPERATURE DROP
- 2. TOTAL HOT WATER REQUIRED FOR THE RADIANT FLOOR SYSTEM IS 11.9 GPM

						Pι	JMP	SCHE	EDUI	_E			
ľ	PUMP NO.	PUMP DUTY	TYPE	GPM	FEET H.D.	EFF. %	BHP	MOTOR	RPM	ELEC. CHAR.		PERATING ONDITIONS	APPROX. WT., LBS
ſ		RADIANT	HONEYWELL	-	-	-	-	125 W			GPM	6.7	
	P-1	FLOOR	PC3F2699	-	-	-	-	175 W	-	120-1-60	FT. HD.	3.6	9.5
L		ZONE #1	CIRCULATOR	-	-	-	-	200 W			EFF.	-	
		RADIANT	HONEYWELL	-	-	-	-	125 W			GPM	5.2	
	P-2	FLOOR	PC3F2699	-	-	-	-	175 W	-	120-1-60	FT. HD.	3.4	9.5
L		ZONE #2	CIRCULATOR	-	-	-	-	200 W			EFF.	-	

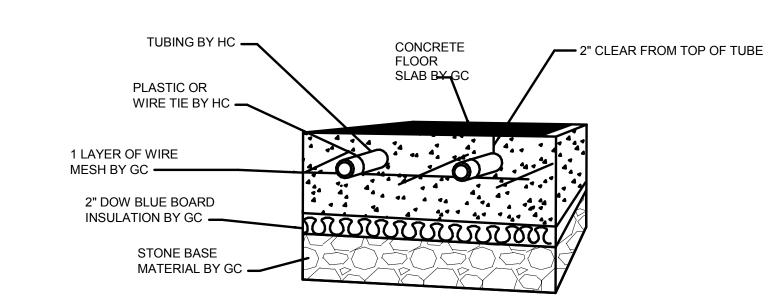
- 1. ANY DEVIATION FROM WHAT IS SCHEDULED, EVEN THOUGH THE MANUFACTURER IS LISTED IN THE SPECIFICATION AS AN EQUIVALENT MANUFACTURER, SHALL BE THIS CONTRACTOR'S RESPONSIBILITY FOR COORDINATION, ADDITIONAL WORK FOR THIS OR OTHER TRADES AT NO ADDITIONAL COST TO THE PROJECT.
- 2. PUMPS TO BE CONSTANT VOLUME W/ THREE SPEEDS & MANUAL SELECTOR

/			GA	S BOIL	ER SC	HEDUL	.E		
/	BOILER	INPUT MBH	OUTPUT MBH	NAT. GAS	STANDARI PRESSUR		ELECT.	APPROX. OPER.	REMARKS
	NO.	INFOT WIDH	OUTPOT MIBH	(CFH)	MIN	MAX	CHAR.	WEIGHT (LBS)	
	B-1	215	168	168	3.5"	10.5"	120-1-60	200	-

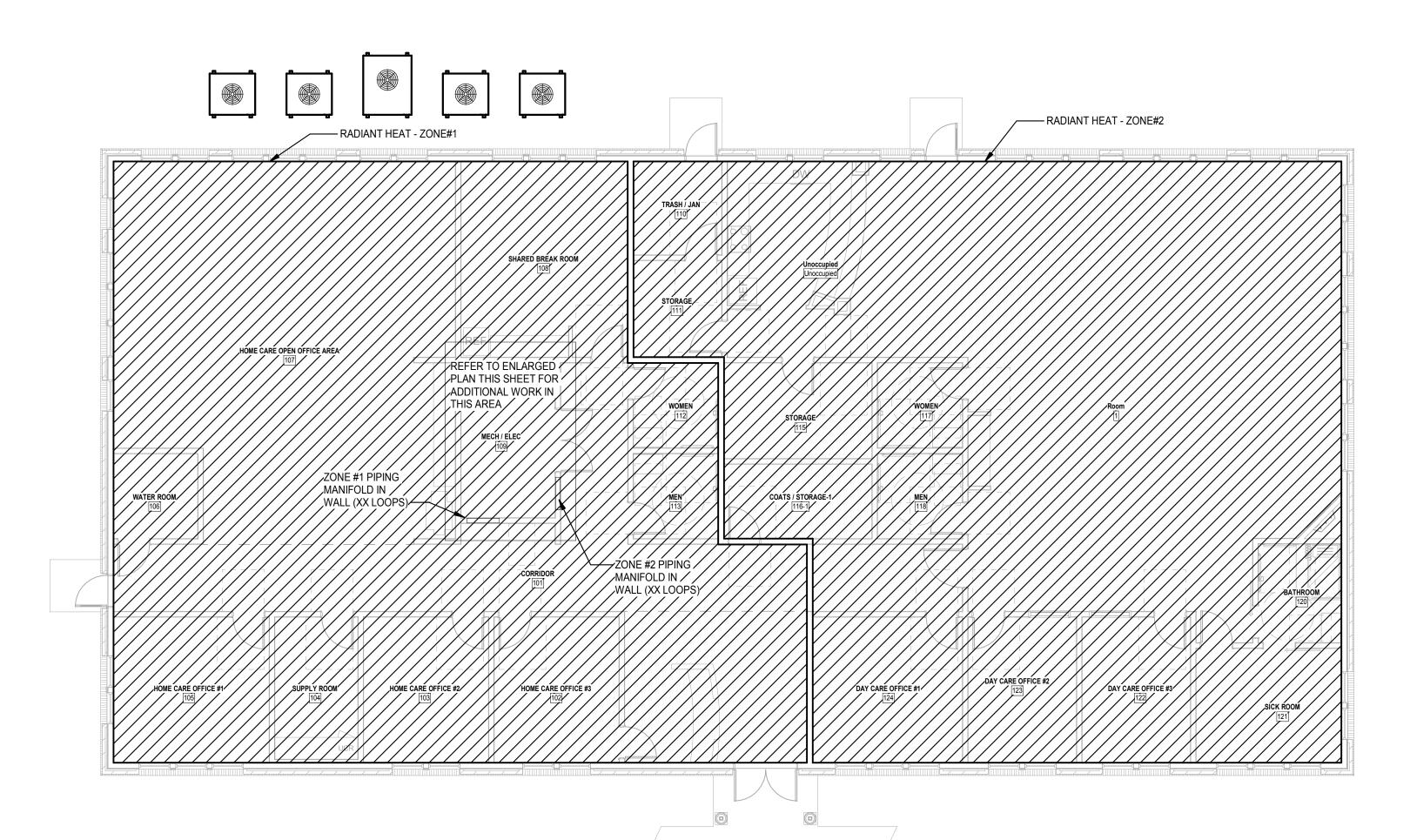
- 1. BOILER SHALL BE AS MANUFACTURED BY BOSCH, MODEL GB142-60, WITH ANY DEVIATION FROM WHAT IS SCHEDULED, EVEN THOUGH THE MANUFACTURER IS LISTED IN THE SPECIFICATION AS AN EQUIVALENT MANUFACTURER, SHALL BE THIS CONTRACTOR'S RESPONSIBILITY FOR COORDINATION, ADDITIONAL WORK FOR THIS OR OTHER TRADES AT NO ADDITIONAL COST TO THE PROJECT.
- 2. BOILER TO BE HIGH EFFICIENCY, WALL HUNG CONDENSING BOILER W/ DIRECT VENTING TO EXTERIOR OF BUILDING, PER MANU. RECOMMENDATIONS.

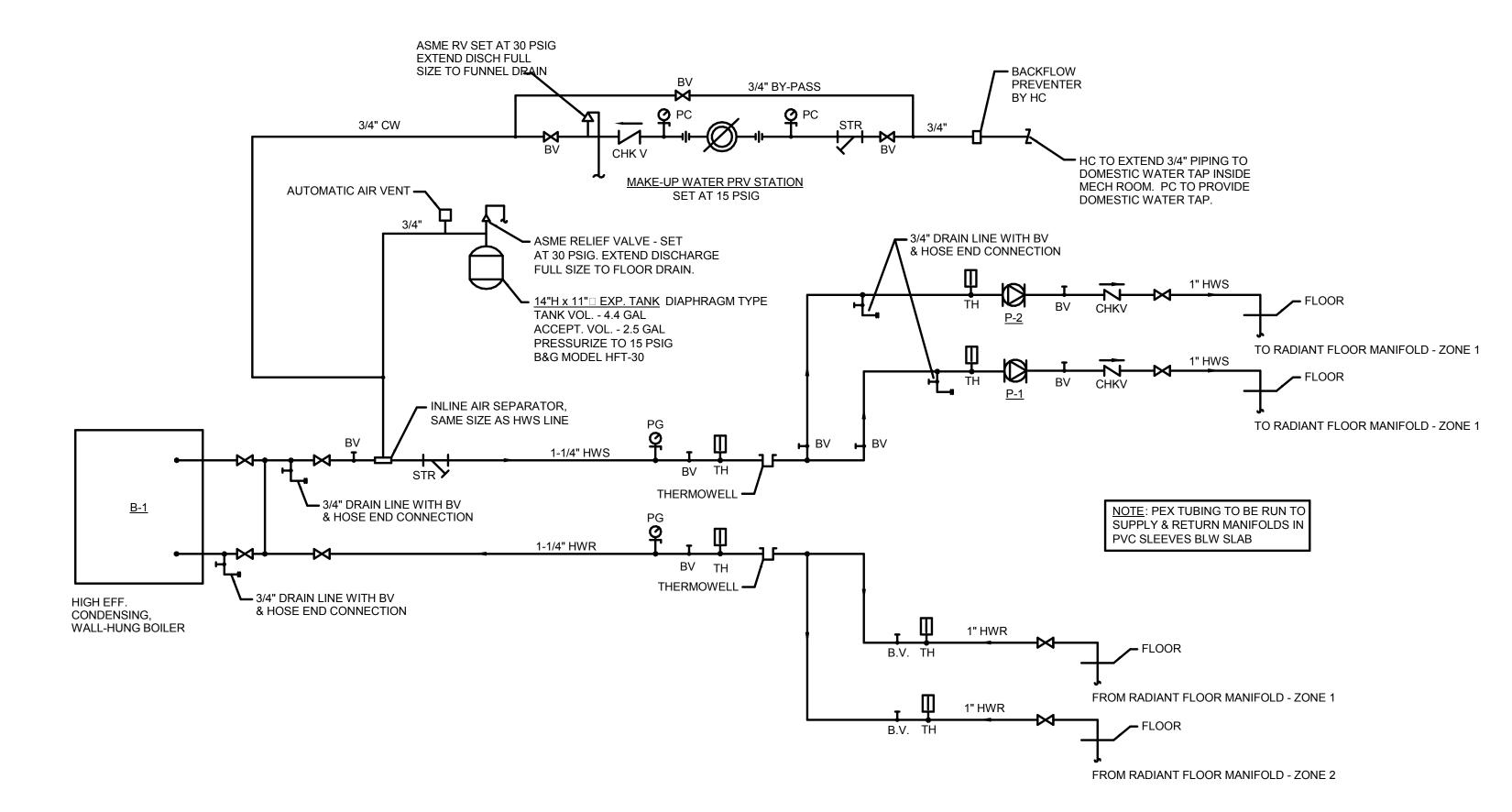


**BEND SUPPORT DETAIL** 

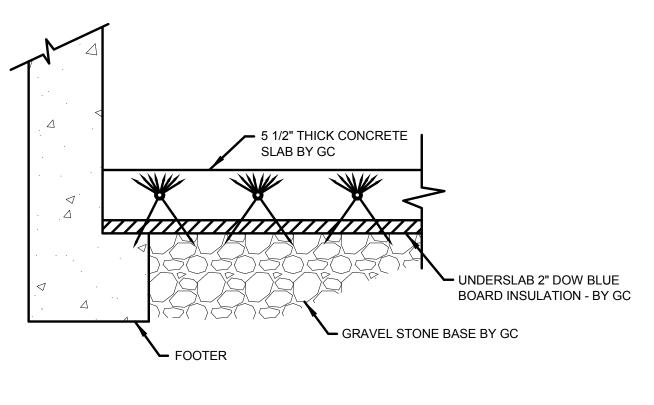


HYDRONIC IN-SLAB INSTALLATION DETAIL NO SCALE

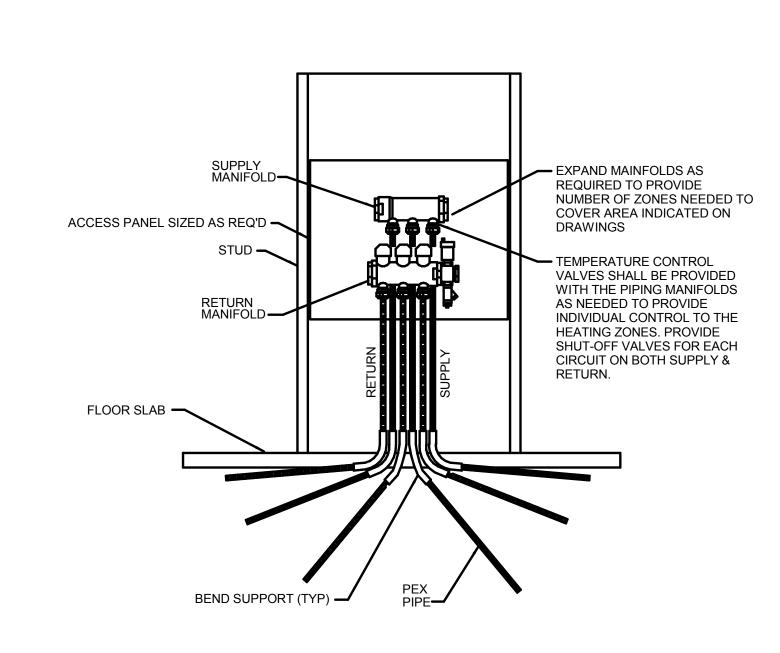




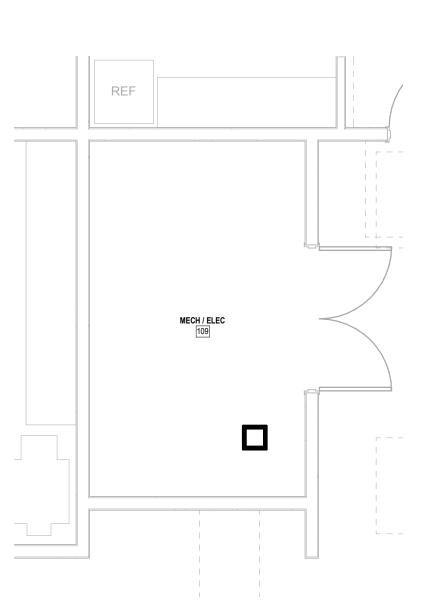
RADIANT FLOOR HEATING FLOW SCHEMATIC



DOWNWARD / EDGE LOSS DETAIL NO SCALE



## MANIFOLD MOUNTING DETAIL



## PROJECT INFORMATION

PROJECT TITLE

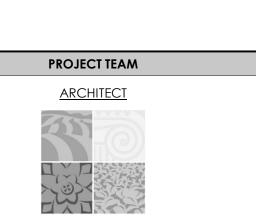
## ADULT DAYCARE **FACILITY**

PROJECT ADDRESS 231 TABERNACLE DRIVE SOMERSET, PA 15501

PROJECT OWNER

ALLEGHENY LUTHERAN SOCIAL **MINISTRIES** 





NOELKER AND HULL ASSOCIATES, INC.

ARCHITECTS 30 WEST KING STREET CHAMBERSBURG, PA | 17201-1540 P: 717.263.8464 | F: 717.263.6031 NOELKERHULL.COM

STRUCTURAL ENGINEER

PA | MD | VA

M/E/P ENGINEER

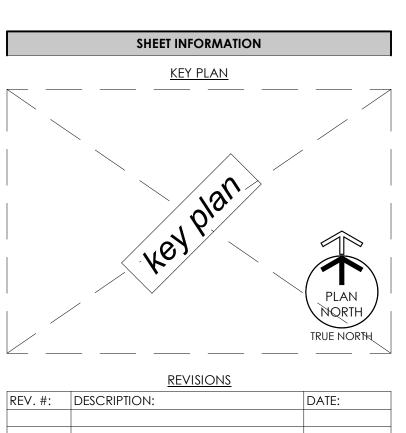
FOOD SERVICE CONSULTANT

CIVIL ENGINEER

LANDSCAPE ARCHITECT

## **PROGRESS SET** NOT FOR CONSTRUCTION

ÀRCHITECT'S STAMP



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## PROJECT STATUS **PROGRESS SET**

JOB NUMBER	2: <b>1704</b>
ISSUE DATE:	Issue Dat
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SHEET TITLE:	
	RADIANT FLOOR PLAN
CHEET VIIIVADE	

**H2.2** 

										Α	IR HA	NDL	NG UNI	TSC	HED	ULE	(HE	AT F	PUMF	<del>)</del>									
							FAN I	DATA							HEATII	NG DATA	(HEAT	PUMP)	(	COOLIN	G DATA	A (HEAT	PUMP)		FILTER	RDATA		APPROX.	
UNIT NO.	SERVES	TOTAL CFM	% O.A.	O.A. CFM	FAN O.V.	INT. SP	EXT. SP	TOTAL SP	ВНР	HP	DRIVE	RPM	ELECT. CHAR.	MCA	E.A.T. °F	F.A.T. °F	TOT. MBH	COP	E.A.T. °	F L. <i>A</i> /B DE	A.T. °F B   WB	TOT. MBH	SENS MBH	EER	TYPE	S INITIAL	P DIRTY	WEIGHT LB.	REMARKS
AHU-1	-	1,600	15.3	245	1,104	0.95	0.75	1.7	0.7	1.0	BELT	1,771	230-1-60	8.0	59.3	81.0	37.8	3.30	77.6 64	1.0 55.	7 54.1	47.0	38.5	10.1	2" T.A. MERV 7	0.15	0.45	350	SEE NOTES
AHU-2	-	1,720	38.7	665	1,187	1.15	0.75	1.9	0.9	1.5	BELT	1,868	230-1-60	9.6	42.9	75.2	60.6	3.62	81.6 66	53.	5 52.0	72.9	53.8	11.6	2" T.A. MERV 7	0.15	0.45	350	SEE NOTES
AHU-3	-	2,100	44.3	930	1,449	1.15	0.75	1.9	0.9	1.5	BELT	1,950	230-1-60	9.6	39.0	70.7	72.5	3.63	82.5 66	53.0	52.5	89.8	68.4	11.1	2" T.A. MERV 7	0.15	0.45	450	SEE NOTES
AHU-4	-	1,960	43.9	860	1,449	1.15	0.75	1.9	0.9	1.5	BELT	1,950	230-1-60	9.6	39.3	73.0	72.0	3.54	82.5 66	52.	1 51.6	88.5	65.7	11.0	2" T.A. MERV 7	0.15	0.45	450	SEE NOTES
AHU-5	-	2,090	43.5	910	1,449	1.15	0.75	1.9	0.9	1.5	BELT	1,950	230-1-60	9.6	39.0	70.8	72.5	3.63	82.5 66	6.7 53.0	52.5	89.8	68.4	11.1	2" T.A. MERV 7	0.15	0.45	450	SEE NOTES

#### NOTES:

- 1. HEATING CAPACITIES BASED ON 0°F AMBIENT OUTSIDE AIR
- 2. COOLING CAPACITIES BASED ON 90°F DB/ 75°F W.B. AMBIENT AIR
- 3. AHU'S SHALL HAVE THE FOLLOWING COMPONENTS, IN THE DIRECTION OF AIRFLOW:
  A. MIXING BOX/PLENUM WITH DAMPERS AND 2" 30% FILTERS
- B. HEAT PUMP HEATING/COOLING COIL
- C. SUPPLY AIR FAN
  D. EXTERNAL DUCT FURNACE
- 4. HVAC CONTRACTOR SHALL INSTALL DUCT MOUNTED SMOKE DETECTORS (DMSD) IN THE SUPPLY AND RETURN DUCTWORK
- FOR ALL AIR HANDLING UNITS OVER 2,000 CFM SUPPLY. ACTIVATION TO SHUT-DOWN UNIT AS REQUIRED PER IMC & NFPA.

  5. UNIT TO USE HEAT PUMP FOR HEATING DOWN TO 22°F OA TEMP. & DUCT FURNACES FOR HEAT BELOW 22°F OA TEMP.
- 6. ALL UNITS TO BE CONTROLLED FOR MIN. OA DURING NORMAL OPERATION & 100% OA FOR ECONOMIZER OPERATION BY HC. UNIT CONTROLS TO OPERATE ALL ASSOCIATED MOD'S FOR PROPER OPERATION. 120V POWER FOR MOD'S PROVIDED BY EC.

				RE	EMOTE	MOUNTE	ED CONDENS	ING HEAT F	PUMP	UNIT SCH	EDULE		
UNIT NO.	SERVES	N0MINAL TONS	NO. OF COMP.	FANS	MIN. CIR. AMPS	ELEC. CHAR	STEPS OF CONTROL	NO. OF REFRIG. CIRCUITS	EER	MAX FUSE AMPS	APPROX WT. LB.	AMBIENT TEMP °F	REMARKS
RCU-1	AHU-1	3.5	1	1 @ 1/2 HP	22.5	208-3-60	0-50-100	1	13.3	35	600	95	
RCU-2	AHU-2	6.0	2	1 @ 1 HP	35.8	208-3-60	0-50-100	2	12.4	45	700	95	
RCU-3	AHU-3	7.0	2	1 @ 1 HP	36.2	208-3-60	0-50-100	2	11.6	45	900	95	
RCU-4	AHU-4	7.0	2	1 @ 1 HP	36.2	208-3-60	0-50-100	2	11.6	45	900	95	
RCU-5	AHU-5	7.0	2	1 @ 1 HP	36.2	208-3-60	0-50-100	2	11.6	45	900	95	

#### NOTES:

- 1. UNIT SHALL BE SIZED TO MATCH ASSOCIATED AHU
- 2. UNITS TO BE PLACED ON CONCRETE PADS & SUPPORTED PER MANU. RECOMMENDATIONS

		EX	HAUST/R	ELIEF	FA	N SCI	HEDU	LE				
NO.	SERVES	TYPE	ROOF/WALL OPENING	FAN CFM	RPM	STATIC PRESS.	TIP SPEED	OUTLET VEL. FPM	DRIVE	HP	ELECT. CHAR.	REMARKS
EF-1	TOILET ROOMS, STORAGE, JANITOR	INLINE	-	1805	1214	0.5	4627	-	DIRECT	3/4	120-1-60	SEE NOTES

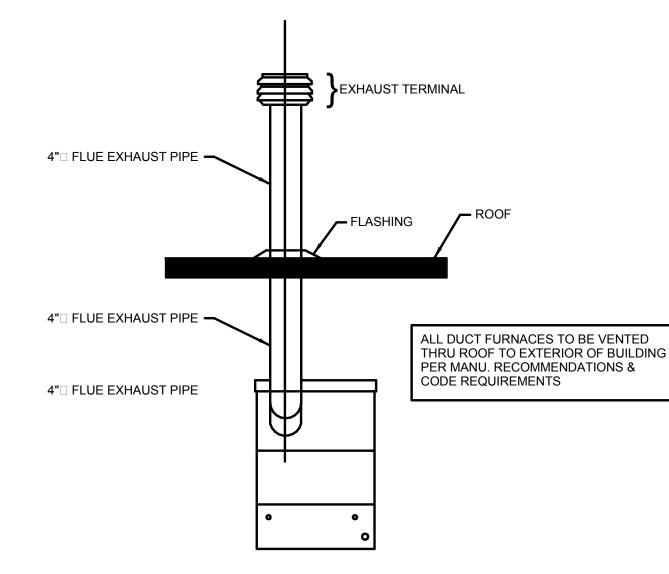
#### NOTES

- 1. THE MANUFACTURER BASIS OF DESIGN IS GREENHECK MODEL SQ-140-VG. ANY DEVIATION FROM WHAT IS SCHEDULED, EVEN THOUGH THE MANUFACTURER IS LISTED IN THE SPECIFICATION AS AN APPROVED ALTERNATE MANUFACTURER, IT IS THE HVAC CONTRACTORS RESPONSIBILITY TO PAY FOR ANY ADDITIONAL COST TO THE ELECTRICAL CONTRACTOR RESULTING FROM ANY ELECTRICAL CHANGES AS SCHEDULED
- 2. ALL DIRECT DRIVE EXHAUST FANS SHALL BE FURNISHED WITH AN INTEGRAL SPEED CONTROLLER MOUNTED TO THE INSIDE OF THE FAN HOUSING TO ADJUST FAN TO PROVIDE SYSTEM CFM
- 3. EXHAUST FAN EF-1 TO BE CONTROLLED VIA TIME CLOCK FOR OCCUPIED/UNOCCUPIED OPERATION

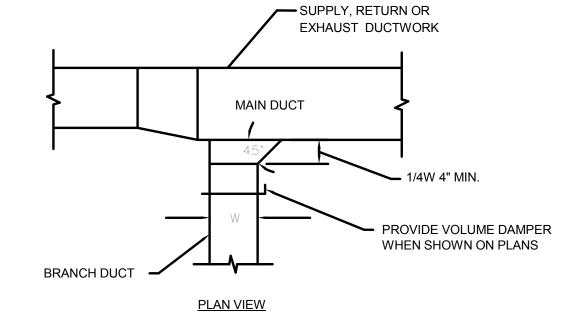
			C	SAS FIRE	ED DUC	T FURN	IACE			
UNIT	CFM	MAX. ESP (IN.)	E.A.T. °F.	F.A.T. °F.	INPUT MBH	OUTPUT MBH	ELECT. CHAR.	FLA	GAS CONN.	WEIGHT
DF-1	1600	0.20	59.3	94.0	75	60	120-1-60	2.0	1/2"	110 LB
DF-2	1720	0.20	42.9	96.7	125	100	120-1-60	2.0	1/2"	130 LB
DF-3	2100	0.20	39.0	99.0	170	136	120-1-60	2.0	1/2"	150 LB
DF-4	1960	0.20	39.3	92.2	140	112	120-1-60	2.0	1/2"	130 LB
DF-5	2090	0.20	39.0	99.2	170	136	120-1-60	2.0	1/2"	150 LB

## NOTES:

- 1. INSTALL PER MANU. RECOMMENDATIONS
- 2. DUCT FURNACES TO BE VENTED UP THRU ROOF PER MANU. RECOMMENDATIONS
- 3. COMBUSTION AIR FOR DUCT FURNACES TO BE DRAWN FROM VENTILATED ATTIC SPACE

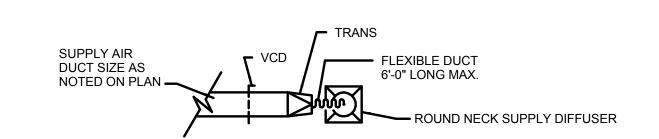


DUCT FURNACE VERTICAL VENT TERMINAL
NO SCALE

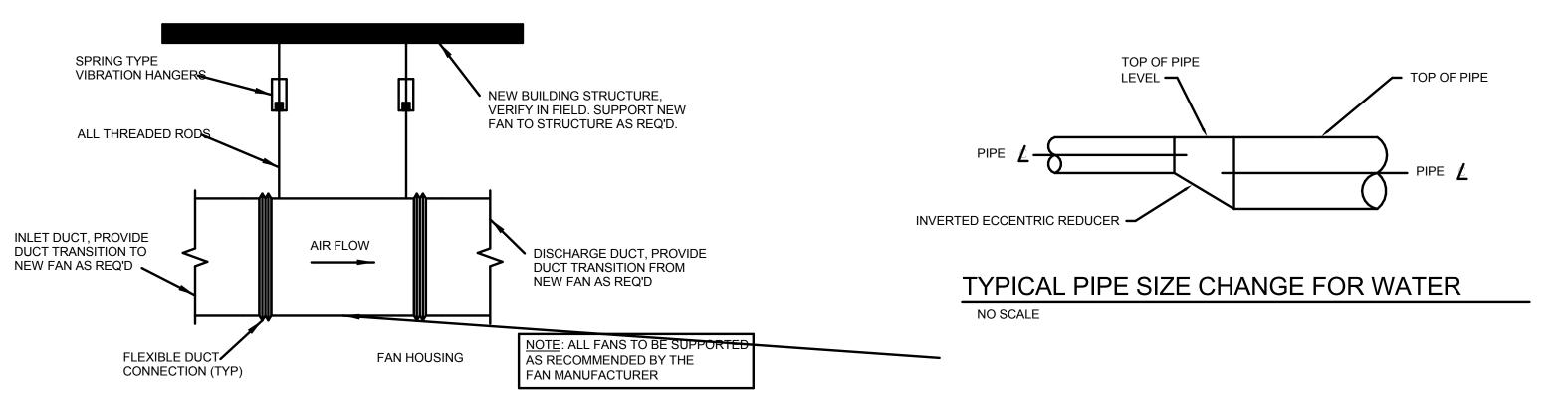


BRANCH DUCT CONNECTION DETAIL

NO SCALE

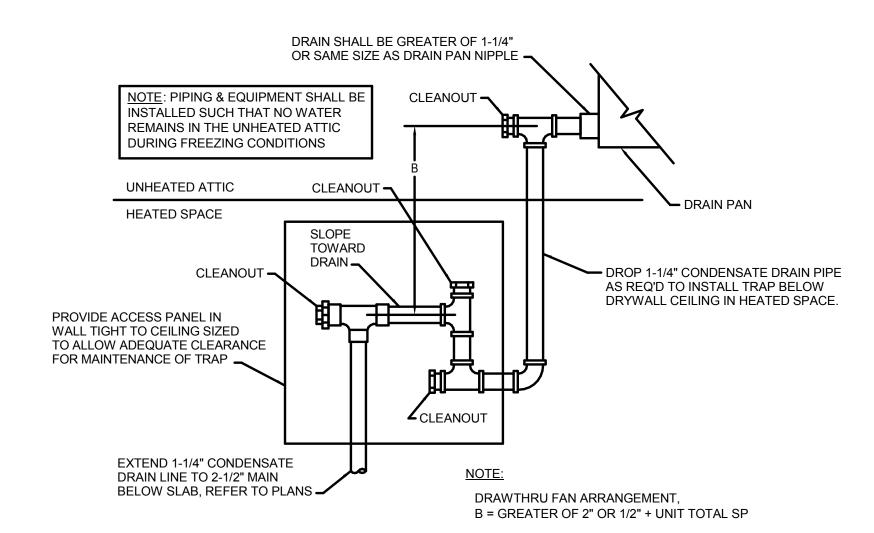


ROUND NECK SUPPLY DIFFUSER DETAIL (OPTIONAL)

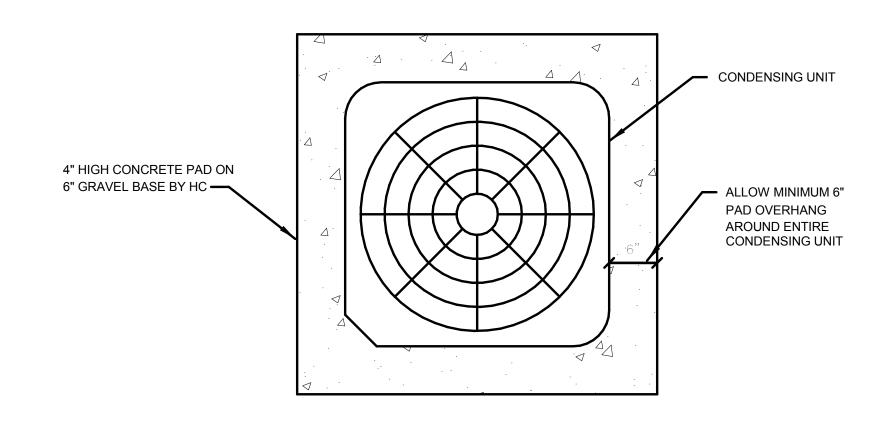


INLINE CENTRIFUGAL FAN

NO SCALE



CONDENSATE DRAIN TRAP DETAIL
NO SCALE



REMOTE CONDENSING UNIT MOUNTING PAD DETAIL

NOTE: REFER TO DRAWING H1.1 FOR EQUIPMENT SCHEDULES FOR RADIANT FLOOR HEATING SYSTEM

PROJECT INFORMATION

PROJECT TITLE

# ADULT DAYCARE

**FACILITY** 

PROJECT ADDRESS

231 TABERNACLE DRIVE

SOMERSET, PA 15501

# ALLEGHENY LUTHERAN SOCIAL MINISTRIES

PROJECT OWNER





NOELKER
AND HULL
ASSOCIATES, INC.
ARCHITECTS

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8464 | F: 717.263.6031
NOELKERHULL.COM
PA | MD | VA

STRUCTURAL ENGINEER

M/E/P ENGINEER

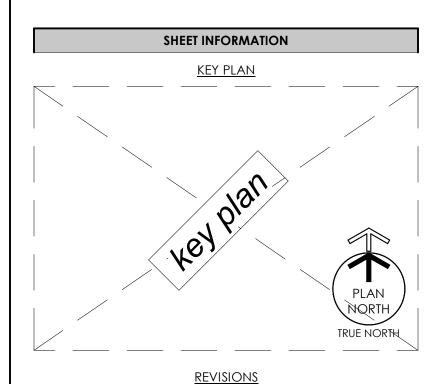
FOOD SERVICE CONSULTANT

CIVIL ENGINEER

LANDSCAPE ARCHITECT

# PROGRESS SET NOT FOR CONSTRUCTION

ARCHITECT'S STAMP



REV. #:	DESCRIPTION:	DATE:

# PROJECT STATUS PROGRESS SET

JOB NUMBER:		17044
ISSUE DATE:		Issue Date
SCALE:		12" = 1'-0"
SHEET TITLE:		
	SCHEDULES	

H3.0

## **ADULT DAYCARE FACILITY**

PROJECT ADDRESS 231 TABERNACLE DRIVE SOMERSET, PA 15501

PROJECT OWNER

**ALLEGHENY LUTHERAN SOCIAL MINISTRIES** 



PROJECT TEAM



NOELKER AND HULL

ASSOCIATES, INC. ARCHITECTS

30 WEST KING STREET CHAMBERSBURG, PA | 17201-1540 P: 717.263.8464 | F: 717.263.6031 **NOELKERHULL.COM** PA | MD | VA

STRUCTURAL ENGINEER

M/E/P ENGINEER

FOOD SERVICE CONSULTANT

CIVIL ENGINEER

LANDSCAPE ARCHITECT

## **PROGRESS SET** NOT FOR CONSTRUCTION

ARCHITECT'S STAMP

SHEET INFORMATION <u>REVISIONS</u>

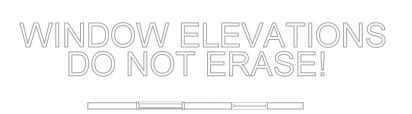
	REV. #:	DESCRIPTION:	DATE:
1			

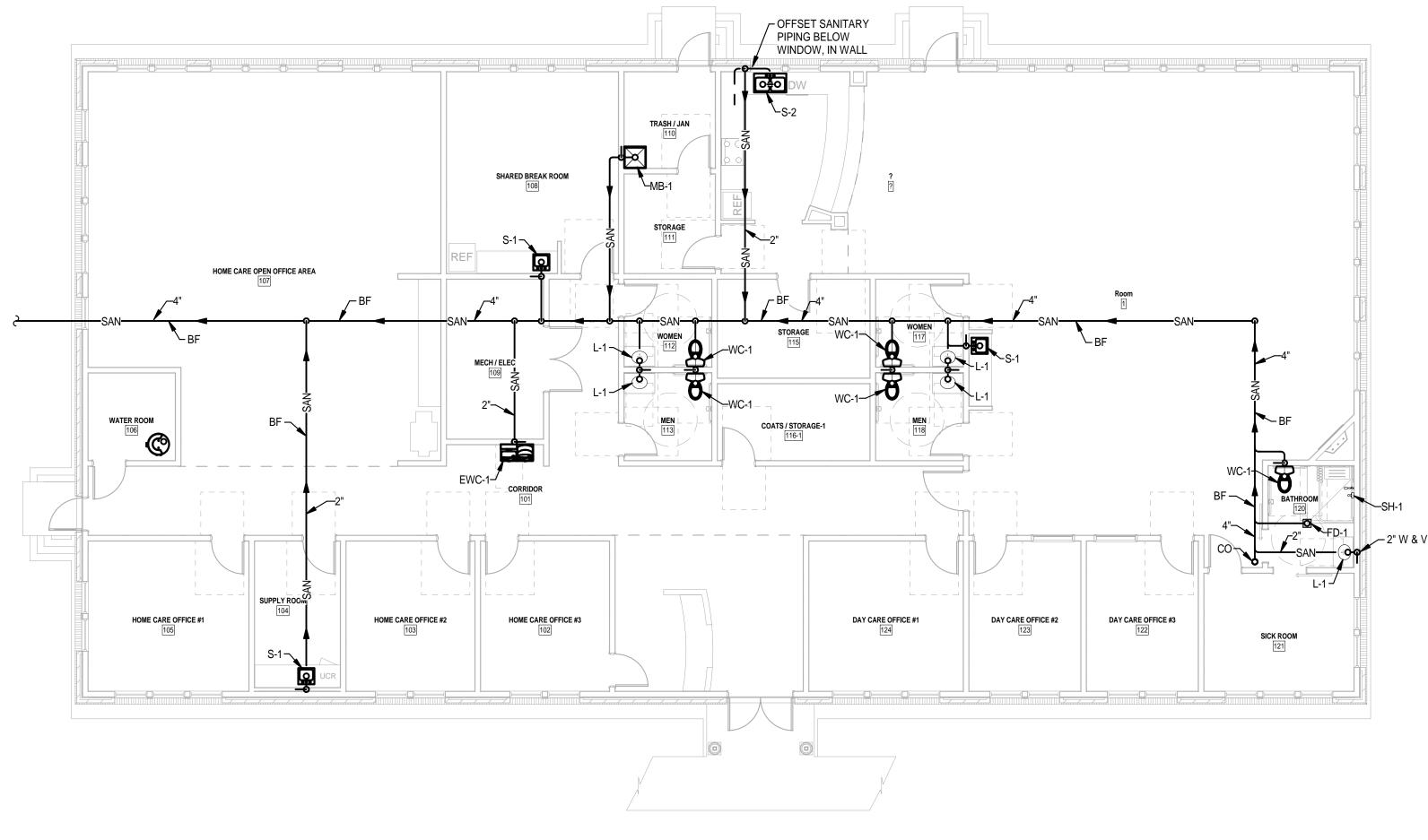
PROJECT STATUS PROGRESS SET

JOB NUMBER:	17044
ISSUE DATE:	Issue Date
SCALE:	
SHEET TITLE:	
PL	SING COVER SHEET

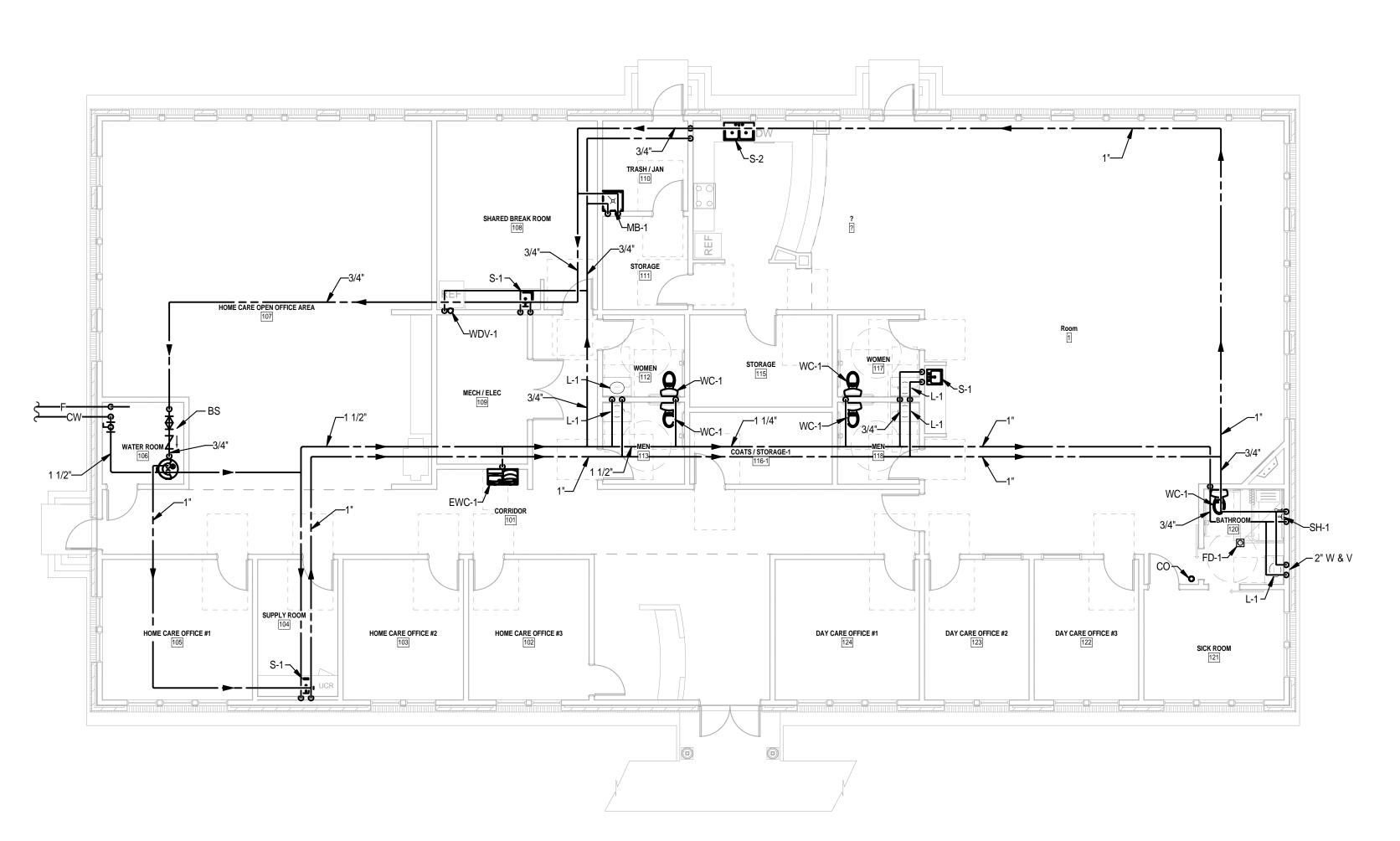
SHEET NUMBER:

P0.1





1 FIRST FLOOR PLAN - SANITARY & VENT PIPING



P2.1 FIRST FLOOR PLAN - WATER & GAS PIPING
1/8" = 1'-0"

PROJECT INFORMATION

PROJECT TITLE

# ADULT DAYCARE FACILITY

PROJECT ADDRESS

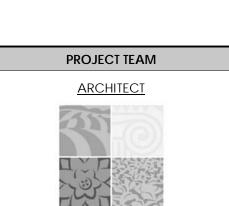
231 TABERNACLE DRIVE

SOMERSET, PA 15501

ALLEGHENY LUTHERAN SOCIAL MINISTRIES

PROJECT OWNER





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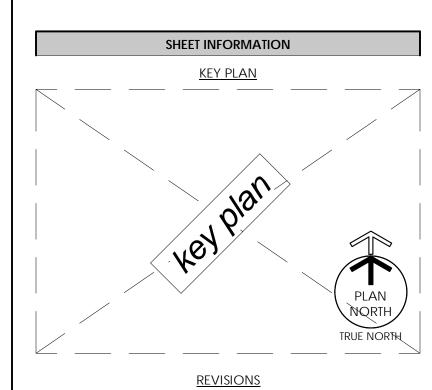
FOOD SERVICE CONSULTANT

CIVIL ENGINEER

LANDSCAPE ARCHITECT



ARCHITECT'S STAMP



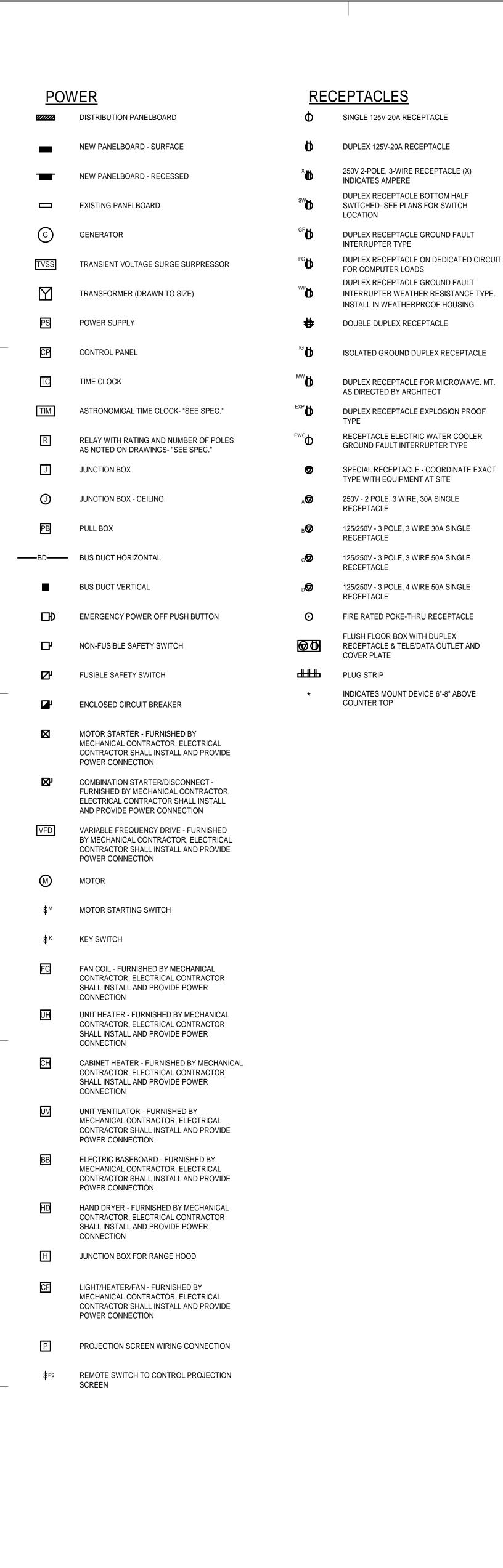
REV. #:	DESCRIPTION:	DATE:

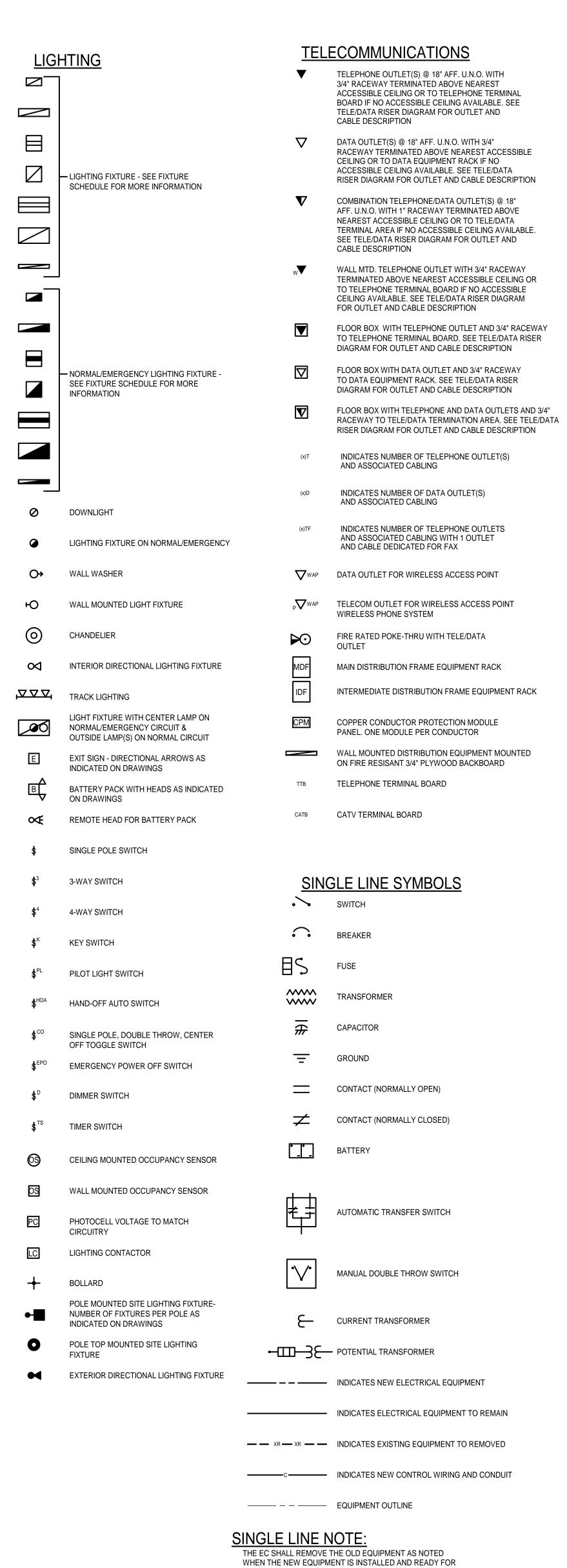
PROJECT STATUS

PROGRESS SET

17
Issue D
1/8" = 1
PLANS - PLUMBING

SHEET NUMBER:





SERVICE

**SECURITY & DOOR CONTROL** SECURITY SYSTEM CONTROL PANEL AUTOMATED DIALER COMMUNICATOR SECURITY CAMERA SECURITY CAMERA IN BUBBLE SECURITY MONITOR MOTION SENSOR GLASS BREAK SOUND SENSOR DOOR/ SECURITY ANNUNCIATOR QUAD PID MODULE CARD READER KEYPAD PUSH BUTTON DOOR RELEASE DOOR OPEN PUSH-BUTTON AUTOMATIC DOOR PUSH-BUTTON STATION REQUEST FOR EXIT DOOR CONTACT ELECTRIC STRIKE ELECTROMAGNETIC DOOR LOCK ELECTROMAGNETIC DOOR HOLDER LOCK DOWN AUDIO/VISUAL PA SYSTEM EQUIPMENT RACK LOCAL SOUND SYSTEM EQUIPMENT RACK AUDIO/VISUAL SYSTEM EQUIPMENT RACK INTERCOM MASTER STATION INTERCOM SLAVE STATION VOLUME CONTROL MICROPHONE JACK PA SYSTEM HANDSET SOUND SYSTEM SPEAKER CEILING MOUNTED LOCAL SPEAKER - CEILING MOUNTED SOUND SYSTEM SPEAKER WALL MOUNTED LOCAL SPEAKER - WALL MOUNTED SPEAKER - HORN CLOCK/SPEAKER CLOCK - END MOUNTED DOUBLE FACED. "X" DENOTES FACE SIZE IN INCHES CLOCK - WALL MOUNTED. "X" DENOTES FACE SIZE IN INCHES TELEVISION OUTLET CONTROL MODULE **EQUIPMENT RACK** s —— s —— SOUND SYSTEM WIRING AND RACEWAY TEACHERS STATION PROJECTOR OUTLET. OUTLET SHALL CONTAIN CONNECTION AND RACEWAY TO CEILING MOUNTED PROJECTOR AND SHALL BE LOCATED NEXT TO THE MULTIMEDIA

OUTLET

OUTLET

OR SMART PODIUM

TO MULTIMEDIA OUTLET

CEILING MOUNTED PROJECTOR OUTLET. OUTLET

SHALL CONTAIN CONNECTION AND RACEWAY

TO TEACHER'S STATION PROJECTOR OUTLET

CONNECTION AND RACEWAY TO MULTIMEDIA

MULTIMEDIA OUTLET. OUTLET SHALL CONTAIN

SMART CLASSROOM SPEAKER OUTLETS, OUTLET SHALL CONTAIN CONNECTION AND RACEWAY

CONNECTIONS AND RACEWAYS TO CAMERA,

MICROPHONE, CATV, AND SPEAKERS AND SHALL BE LOCATED NEXT TO MEDIA CABINET

CAMERA OUTLET. OUTLET SHALL CONTAIN

**MISCELLANEOUS** CONDUIT TURNED UP FIRE ALARM (SIGNAL EXTENDER) STATION AREA OF RESCUE SYSTEM - SIGNAGE AREA OF RESCUE SYSTEM - SLAVE STATION FIRE ALARM PULL STATION FIRE ALARM PULL STATION - FOAM FIRE SUPPRESSION SYSTEM FIRE ALARM STROBE - WALL MOUNTED FIRE ALARM AUDIBLE/STROBE - WM FIRE ALARM CHIME/STROBE - WM FIRE ALARM HORN/STROBE - WM FIRE ALARM SPEAKER/STROBE - WM FIRE ALARM AUDIBLE - CEILING MOUNTED FIRE ALARM AUDIBLE AND VISIBLE - CM FIRE ALARM SPEAKER AND VISIBLE - CM FIRE ALARM STROBE - CM SMOKE DETECTOR HEAT DETECTOR CEILING MOUNTED

BRANCH CIRCUIT WIRING CONCEALED IN WALLS OR ABOVE CEILING BRANCH CIRCUIT WIRING - #10 AWG BRANCH CIRCUIT WIRING - UNDER FLOOR HOME RUN BACK TO PANEL ---- CONDUIT EXPOSED ON WALLS OR CEILING EXISTING CONDUIT TO REMAIN - REMOVE **EXISTING CONDUCTORS & INSTALL NEW** CONDUCTORS AS INDICATED CONDUIT TURNED DOWN — LV — LOW VOLTAGE WIRING AND CONDUIT HORIZONTAL RUN OF SURFACE METAL/ NON-METALLIC RACEWAY VERTICAL RUN OF SURFACE RACEWAY —— CT-X —— CABLE TRAY ("X" DENOTES WIDTH) INDICATES CONTINUATION OF LINE HORIZONTAL CONDUIT SLEEVE FIRE ALARM CONTROL PANEL FIRE ALARM CONTROL PANEL WITH BATTERY BACKUP FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM TRANSPONDER CABINET FIRE ALARM TRANSPONDER CABINET (SIGNAL EXTENDER) WITH BATTERY BACKUP AUTOMATED DIALER COMMUNICATOR ZONE ADDRESSABLE MODULE CONTROL MODULE RELAY FIRE ALARM POWER SUPPLY ANSUL SYSTEM HOOK UP. FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR. THE **ELECTRICAL CONTRACTOR SHALL INSTALL** AND WIRE HOOK UP FOR BOTH POWER AND FIRE ALARM CONNECTIONS AS REQUIRED. AREA OF RESCUE SYSTEM - MASTER

DENOTATIONS & ABBREVIATIONS GENERAL PROJECT NOTES: ADM ADMINISTRATOR G1. UNLESS OTHERWISE NOTED, PROVIDE ALL EQUIPMENT SHOWN ON THE PLANS. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL SYMBOLS SHOWN ON THE ABOVE FINISHED FLOOR PLANS WITH THE SYMBOL LIST. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE **CEILING MOUNTED** INTENT OF ANY SYMBOL THAT IS SHOWN ON THE PLANS AND NOT INDICATED ON THE SYMBOL LIST COMMUNITY ANTENNA TELEVISION CATV WITH THE ELECTRICAL ENGINEER. CLOSED CIRCUIT TELEVISION CCTV G2. COORDINATE THE FINAL LOCATIONS OF ALL LIGHT FIXTURES WITH THE ARCHITECT'S COFFEE MAKER REFLECTED CEILING PLANS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR CH TO INSTALLATION. CO CENTER OFF G3. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES WITHIN THE CONSTRUCTION AREA THREE (3) WORKING DAYS DOUBLE DEVICE NOTICE BEFORE COMMENCE DIGGING. NOTIFY THE LOCAL OR STATE AUTHORITY HAVING JURISDICTION AND WAIT THE REQUIRED TIME DOUBLE FACED DEVICE BEFORE COMMENCING TO DIG. DOOR OPEN G4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE PROFESSIONAL IF **EMERGENCY** A SYMBOL IS USED ON THE PROJECT BUT DOES NOT SHOW IN THE SYMBOL LIST PRIOR TO BID. ELECTRICAL CONTRACTOR G5. THE CONTRACTOR SHALL COORDINATE CONDUIT EMERGENCY POWER OFF RUNS, CABLE TRAY, LIGHTING FIXTURES AND OTHER EQUIPMENT LOCATIONS WITH THE OTHER TRADE CONTRACTORS TO AVOID CONFLICTS.

ELECTRIC WATER COOLER

FLUSH FLOOR MOUNTED

FUSED SAFETY SWITCH

GENERAL CONTRACTOR

HAND-OFF AUTO

INCANDESCENT

LOW VOLTAGE

MECHANICAL CONTRACTOR

MOTOR

MULTI-LINE

MICROWAVE

NURSE CALL

NORMAL/EMERGENCY

PANIC ("CODE BLUE")

PAGING SYSTEM

PAY TELEPHONE

PLUMBING CONTRACTOR

PRESENT TO REMAIN

PRESENT LOCATION/

REPLACED WITH NEW

REFRIGERATOR

RELOCATE

RELOCATED

SINGLE LINE

TELEPHONE

TWIST LOCK

ULTRASONIC

UGE

DUCT DETECTOR - PROVIDED BY EC,

INSTALLED BY MC AND CONNECTED BY

FLOW SWITCH - PROVIDED BY OTHERS,

TAMPER SWITCH - PROVIDED BY OTHERS,

FIRE ALARM REMOTE INDICATOR LAMP

END OF LINE DEVICE

REMOTE INDICATOR / TEST STATION

DAMPER MOTOR PROVIDED INTEGRAL TO

DAMPER ASSEMBLY BY M.C. E.C. TO PROVIDE

120V POWER AND FIRE ALARM CONNECTION

AND CONNECTED BY EC

AND CONNECTED BY EC

FIREMAN'S TELEPHONE JACK

SOUND SYSTEM

SECURITY SYSTEM

SURGE SUPPRESSION

TAMPER RESISTANT

UNDERGROUND COMMUNICATIONS

UNDERGROUND ELECTRIC

UNDERGROUND TELEPHONE

WEATHERPROOF/GROUND FAULT

EXISTING TO BE REMOVED

UNDERGROUND FIBER

WALL MOUNTED

WEATHERPROOF

INTERRUPTER

WATER TIGHT

WIRE GUARD

PILOT LIGHT

NON-FUSED SAFETY SWITCH

ISOLATED GROUND

INFRARED

GROUND FAULT INTERRUPTER

EXPLOSION PROOF

FIRE ALARM

FLUORESCENT

FIBER OPTIC

EXP

FSS

K

MC

PL

## EXISTING CONDITIONS/DEMOLITION NOTES:

D1. CONDUIT/WIRING THAT MAY BE CONCEALED IN WALLS THAT ARE BEING REMOVED (WHETHER OR NOT SUCH CONDUIT/WIRING IS SPECIFICALLY INDICATED) SHALL BE CAPPED AT THE APPROPRIATE LOCATION UNLESS SUCH CONDUIT/WIRING MUST REMAIN AS PART OF AN ACTIVE SYSTEM. THE STATUS OF SUCH CONDUIT/WIRING AS TO BE ACTIVE OR INACTIVE SHALL BE VERIFIED BY THIS CONTRACTOR BEFORE ANY DISCONNECTION, CAPPING, OR RELOCATION WORK IS PERFORMED. EXISTING CONDUIT/WIRING THAT MUST REMAIN AS A PART OF AN ACTIVE SYSTEM SHALL BE RELOCATED AND REARRANGED AS REQUIRED TO MAINTAIN CONTINUITY OF THAT CIRCUIT, UNLESS NOTED OTHERWISE, ALL SUCH CONDUIT/WIRING SHALL BE CONCEALED.

D2. CUT, PATCH, AND RESTORE ALL OPENINGS IN EXISTING STRUCTURE REQUIRED FOR ELECTRICAL WORK. CONTRACTOR SHALL ALSO REMOVE PORTIONS OF EXISTING CEILINGS, WALLS, AND FLOORS NECESSARY FOR REMODELING AND RESTORING SUCH CEILINGS, WALLS AND FLOORS AFTER ELECTRICAL WORK INSTALLATION IS

D3. E.C. SHALL BE RESPONSIBLE FOR TEMPORARILY FEEDING AND BACKFEEDING ELECTRICAL DISTRIBUTION EQUIPMENT, PANELBOARDS, BRANCH CIRCUITS, SYSTEMS AND ANY OTHER ELECTRICAL EQUIPMENT TO MAINTAIN CONTINUITY DURING VARIOUS PHASES OF CONSTRUCTION. COORDINATE WORK WITH NEW WORK

D4. MAINTAIN CONTINUITY OF FIRE ALARM, SECURITY AND ALL SYSTEMS AS REQUIRED DURING VARIOUS PHASES OF WORK.

D5. WIRING FOR CONTINUITY OF POWER AND SYSTEMS ADJACENT AREAS SHALL REMAIN UNDISTRURBED OR BE RECONNECTED AS REQUIRED TO MAINTAIN SERVICE, PATCH AND PAINT ALL OPENINGS LEFT IN EXISTING CONSTRUCTION TO MATCH SURROUNDING CONSTRUCTION.

D6. REMOVE ABANDONED CONDUIT, WIRE, JUNCTION BOXES, WORK LIGHTS, ETC WITHIN DEMOLITION AREA EVEN THOUGH THEY ARE NOT SHOWN

D7. THE CONTINUITY OF EXISTING CIRCUITS THAT MAY BE INTERRUPTED BY THE ALTERATIONS, EVEN THOUGH THEY MAY NOT BE INDICATED ON THE PLAN SHALL BE MAINTAINED.

D8. THE REMOVAL OR RELOCATION OF EXISTING ELECTRICAL EQUIPMENT PRESENTLY CONCEALED IN EXISTING CONSTRUCTION SHALL BE COORDINATED WITH THE OWNER PRIOR TO REMOVAL OR RELOCATION.

## GENERAL ELECTRICAL NOTES:

1. COMPLY WITH "GENERAL CONDITIONS" SET FORTH IN THE DOCUMENTS.

2. WORK SHALL COMPLY WITH LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.

3. OBTAIN AND PAY FOR ALL PERMITS REQUIRED BY LOCAL

ORDINANCES.

4. GUARANTEE THE ELECTRICAL WORK FOR ONE YEAR FROM DATE OF FINAL CERTIFICATE.

SUBMIT SHOP DRAWINGS FOR EQUIPMENT.

6. SALVAGED ELECTRICAL EQUIPMENT, NOT DESIGNATED BY THE

OWNER FOR HIS USE, SHALL BE REMOVED FROM THE PREMISES BY THIS CONTRACTOR.

7. PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL VISIT THE SITE TO EXAMINE FIRST HAND THE EXISTING CONDITIONS. ANY

CLARIFICATIONS REQUIRED SHALL BE REQUESTED AT THAT TIME. 8. REMOVE ALL DEAD WIRE, CONDUIT, AND BOXES NOT NECESSARY TO THE NEW LAYOUT.

9. ALL NEW WIRING REQUIRED SHALL BE IN EMT CONDUIT WITH

COMPRESSION FITTINGS.

10. CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS AND LABOR REQUIRED TO PERFORM THIS WORK IN A NEAT AND WORKMANLIKE MANNER WITH ALL DEBRIS REMOVED FROM THE BUILDING. HE SHALL EXERCISE CARE TO CREATE A MINIMUM AMOUNT OF DUST AND DIRT AND SHALL PROVIDE DROP CLOTHS AND OTHER DUST PROOFING MATERIAL TO PREVENT DUST AND DIRT FROM ENTERING OTHER PARTS OF THE BUILDING OR DAMAGING EQUIPMENT. THIS CONTRACTOR WILL BE RESPONSIBLE FOR ALL

11. NO POWDER ACTUATED FASTENING DEVICE SHALL BE USED WITHOUT

DAMAGE CAUSED BY HIM, HIS EMPLOYEES OR SUB-CONTRACTORS

AND SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF THE

WRITTEN APPROVAL OF THE ENGINEER. 12. THE CONTRACTOR AND HIS SUB-CONTRACTORS SHALL KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIAL. AT THE END OF EACH DAY THE WORK AREA SHALL BE LEFT IN A CLEAN CONDITION AS DEFINED BY THE ARCHITECT.

SAME WITHOUT ADDITIONAL COMPENSATION.

13. DURING ANY DRILLING OPERATION, AN INDUSTRIAL TYPE VACUUM MUST BE USED TO ELIMINATE DUST. IN ADDITION, A PLUNGER HEAD OR EQUIVALENT MUST BE USED WITH THE DRILL AND VACUUM WHEN DRILLING OVERHEAD.

14. PROVIDE AS-BUILT DRAWINGS TO OWNER UPON COMPLETION OF THE PROJECT.

**PROJECT STATUS PROGRESS SET** 

**ISSUE DATE:** SCALE: SHEET TITLE: SHEET NUMBER:

SOME OF THESE SYMBOLS MAY NOT BE USED UNDER THIS PROJECT. SEE THE CONTRACTOR NOTES FOR ADDITIONAL REQUIREMENTS.

**ADULT DAYCARE FACILITY** 

PROJECT INFORMATION

PROJECT TITLE

PROJECT ADDRESS 231 TABERNACLE DRIVE

SOMERSET, PA 15501

PROJECT OWNER

ALLEGHENY LUTHERAN SOCIAL **MINISTRIES** 



PROJECT TEAM <u>ARCHITECT</u>

**NOELKER** AND HULL ASSOCIATES, INC.

30 WEST KING STREET CHAMBERSBURG, PA | 17201-1540 P: 717.263.8464 | F: 717.263.6031 NOELKERHULL.COM PA | MD | VA

ARCHITECTS

STRUCTURAL ENGINEER

M/E/P ENGINEER

**FOOD SERVICE CONSULTANT** 

CIVIL ENGINEER

**LANDSCAPE ARCHITECT** 

PROGRESS SET NOT FOR CONSTRUCTION

ARCHITECT'S STAMP

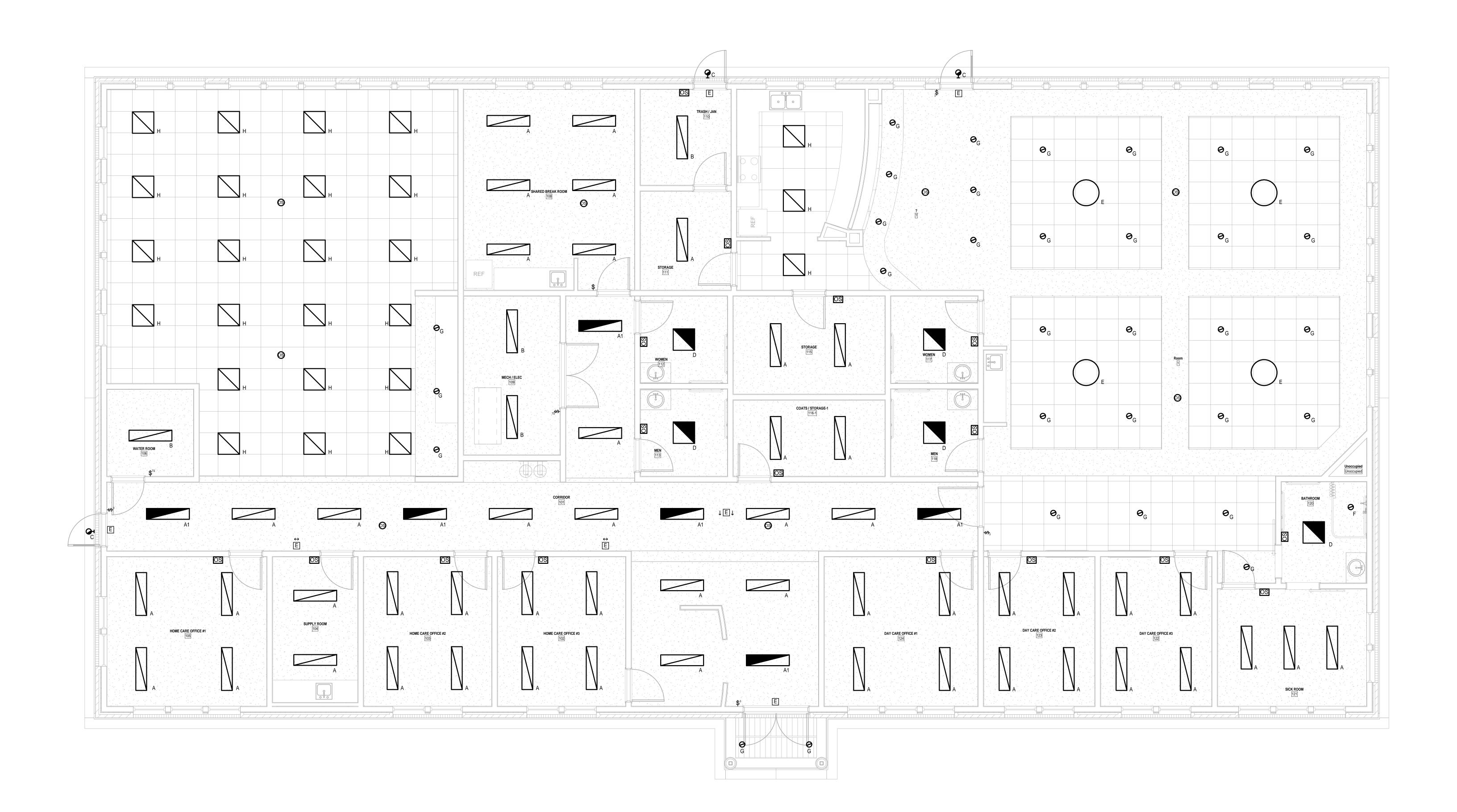
SHEET INFORMATION NORTH

REVISIONS REV. #: DESCRIPTION:

JOB NUMBER:

**Issue Date** 

1/8" = 1'-0" ELECTRICAL COVER SHEET



1 FIRST FLOOR
E2.0 1/4" = 1'-0"

PROJECT INFORMATION

PROJECT TITLE

# ADULT DAYCARE FACILITY

PROJECT ADDRESS

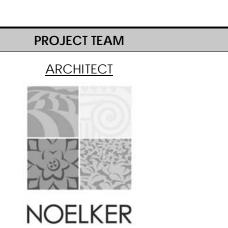
231 TABERNACLE DRIVE
SOMERSET, PA 15501

PROJECT OWNER

ALLEGHENY LUTHERAN SOCIAL

**MINISTRIES** 





NOELKER AND HULL ASSOCIATES, INC.

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CHAMBERSBURG, PA | 17201-1540
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ARCHITECTS

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M/E/P ENGINEER

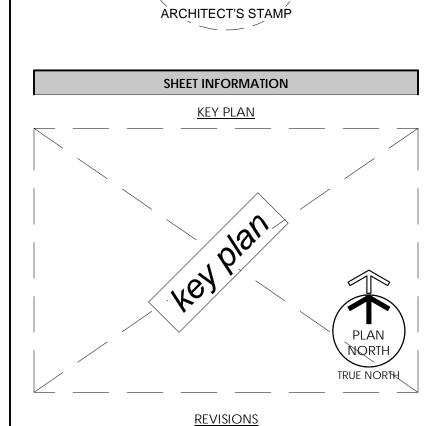
FOOD SERVICE CONSULTANT

CIVIL ENGINEER

LANDSCAPE ARCHITECT



ADCUMENTS OF AME



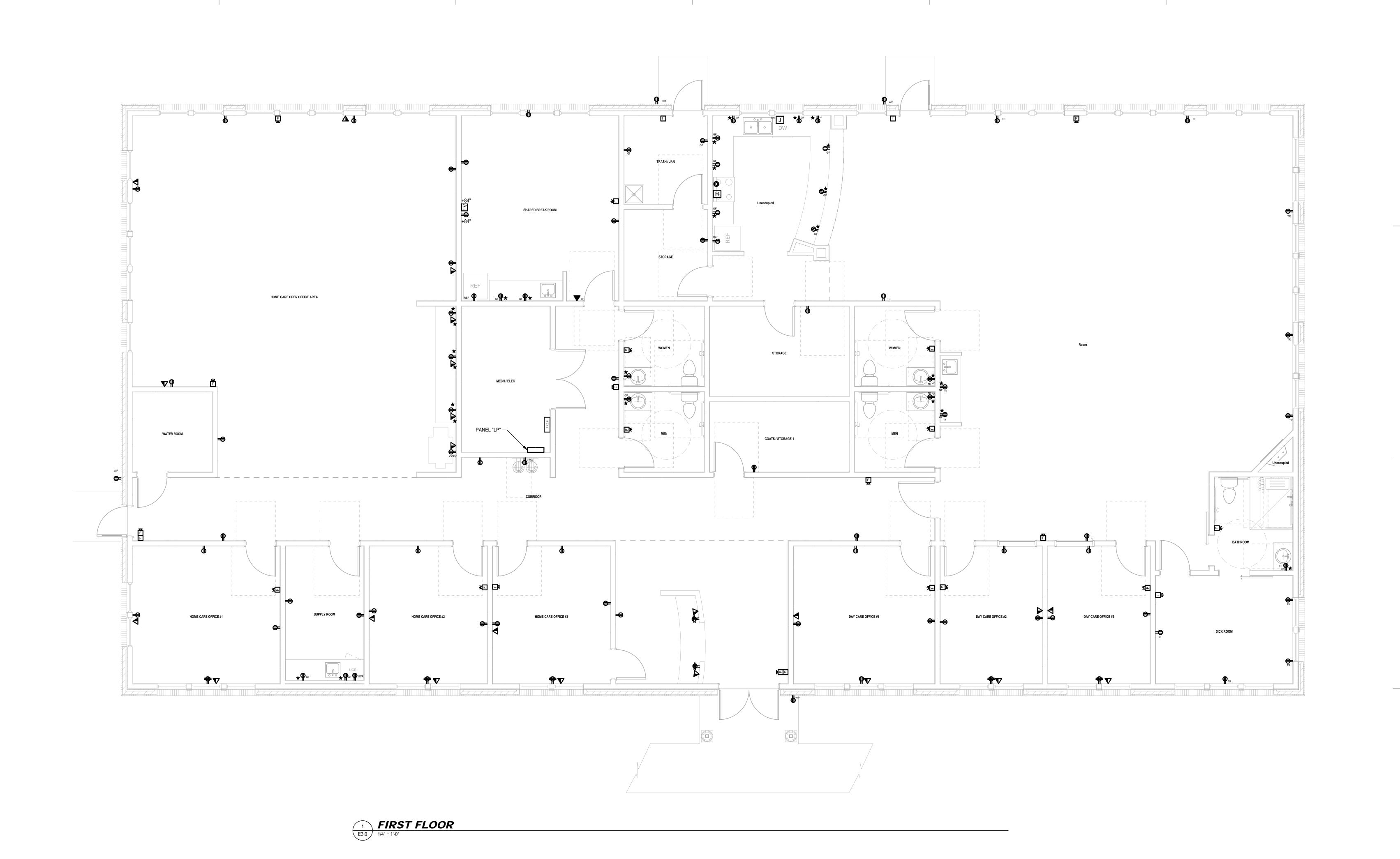
INC VIOLETTO			
DESCRIPTION:	DATE:		
	DESCRIPTION:		

# PROJECT STATUS PROGRESS SET

TROOKE	33 3L1
JOB NUMBER:	1704
ISSUE DATE:	Issue Date
SCALE:	1/4" = 1'-0
SHEET TITLE: FIRST FLOOR PLAI	n - Lighting

HEET NUMBER:

E2.0



## **ADULT DAYCARE FACILITY**

PROJECT ADDRESS 231 TABERNACLE DRIVE SOMERSET, PA 15501

PROJECT OWNER ALLEGHENY LUTHERAN SOCIAL

**MINISTRIES** 





ASSOCIATES, INC.

30 WEST KING STREET CHAMBERSBURG, PA | 17201-1540 P: 717.263.8464 | F: 717.263.6031 NOELKERHULL.COM

PA | MD | VA

ARCHITECTS

STRUCTURAL ENGINEER

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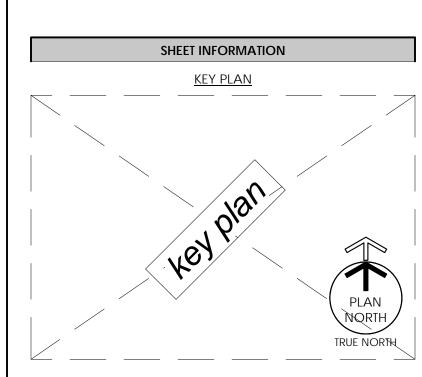
FOOD SERVICE CONSULTANT

<u>CIVIL ENGINEER</u>

LANDSCAPE ARCHITECT



ARCHITECT'S STAMP



<u>revisions</u>			
REV. #:	DESCRIPTION:	DATE:	
	<u>'</u>	·	

PROJECT STATUS **PROGRESS SET** 

JOB NUMI	BER:	170
ISSUE DAT	E:	Issue Da
SCALE:		1/4" = 1'
SHEET TITLE	Ξ:	
FII	RST FLOOR PLAN - SYSTEMS	POWER &
SHEET NUN	 ИBER:	

E3.0