

SITE PLAN GENERAL NOTES

SIDEWALKS

1. ALL SIDEWALKS SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE, WITH A COMPRESSIVE STRENGTH OF 2,500 P.S.I. IN TWENTY-EIGHT DAYS, AND A MINIMUM THICKNESS OF FIVE INCHES.
2. ALL SIDEWALKS TO HAVE A WIDTH OF FOUR (4) FEET AND SHALL BE CONSTRUCTED AS PER THE LOCATION SHOWN ON THIS PLAN.
3. ALL SIDEWALKS SHALL BE SCORED TO A DEPTH OF 3/4" AT FOUR (4) FOOT INTERVALS, WITH EXPANSION JOINTS PLACED AT TWENTY (20) FOOT INTERVALS.
4. EXPANSION JOINTS SHALL BE CONSTRUCTED OF 1/2" THICK PRE-MOLDED EXPANSION MATERIAL WITH ALL CORNERS TO BE FORMED BY EXPANSION JOINTS.
5. ANY SIDEWALK OR ACCESSIBLE ROUTE THAT IS NOT AT A LEVEL ELEVATION AT IT'S INTERSECTION WITH A DRIVEWAY OR STREET WILL BE REQUIRED TO INSTALL A CURB RAMP AT A MAXIMUM SLOPE OF 1:12, WITH A MAXIMUM RISE OF 30" AND A MINIMUM LEVEL STRAIGHT CURB SEGMENT OF 48".
6. PROVIDE TACTILE WARNING SURFACE WITH TURNATED DOMES AS PER ADA REQUIREMENT .
7. SIDEWALK SHALL BE SLOPED 1" TOWARDS THE STREET.

DRIVEWAYS

1. ALL DRIVEWAYS BETWEEN STREET AND PROPERTY LINE SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE, WITH A COMPRESSIVE STRENGTH OF 3,000 P.S.I. IN TWENTY-EIGHT (28) DAYS AND A MINIMUM THICKNESS OF EIGHT INCHES.
2. ALL DRIVEWAYS BETWEEN STREET AND PROPERTY LINE CONNECTING WITH AN EXISTING ROADWAY TO BE CONSTRUCTED IN ACCORDANCE WITH DETAILS AS SHOWN ON THIS PLAN
3. EXACT LOCATIONS OF ROADWAY AND DRIVEWAY CURBING WILL BE DETERMINED IN THE IN THE FIELD BY A REPRESENTATIVE OF THE DEPARTMENT OF ENGINEERING.

PARKING LOT

1. PARKING STALLS MUST BE STRIPED WITH A 4-INCH CONTRASTING STRIPE (YELLOW OR WHITE ON ASPHALT PARKING LOT).
2. HANDICAP PARKING SPACE TO BE DESIGNATED BY BLUE STRIPING & EITHER A BLUE SYMBOL ON A WHITE BACKGROUND OR A WHITE SYMBOL ON A BLUE BACKGROUND. HANDICAP PARKING STALL REQUIRES THE INSTALLATION OF THE PROPER SIGNAGE.
3. ALL WHEEL STOPS AND CONCRETE CURBS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAIL SHOWN ON THIS PLAN.
4. ALL PARKING SPACES ARE TO BE LAID OUT IN ACCORDANCE WITH THE TYPICAL DETAIL AS SHOWN ON THIS PLAN, UNLESS OTHERWISE INDICATED ON THIS PLAN.

TRAFFIC CONTROLS

1. ANY WORK IN THE ROADWAY ON ADJACENT TO THE ROADWAY CAUSING AN INTERFERENCE TO VEHICULAR TRAFFIC REQUIRES PRIOR NOTIFICATION TO THE ST. CHARLES PARISH TRAFFIC ENGINEERING DIVISION AND CONFORMITY TO THE REQUIREMENTS OF THE UNIFORM MANUAL ON TRAFFIC CONTROL DEVICES OF THE STATE OF LOUISIANA. THE CONTRACTOR MUST FURNISH ALL NECESSARY TRAFFIC SIGNS AND/OR BARRICADES AND MAINTAIN THEM DURING CONSTRUCTION ACTIVITY.

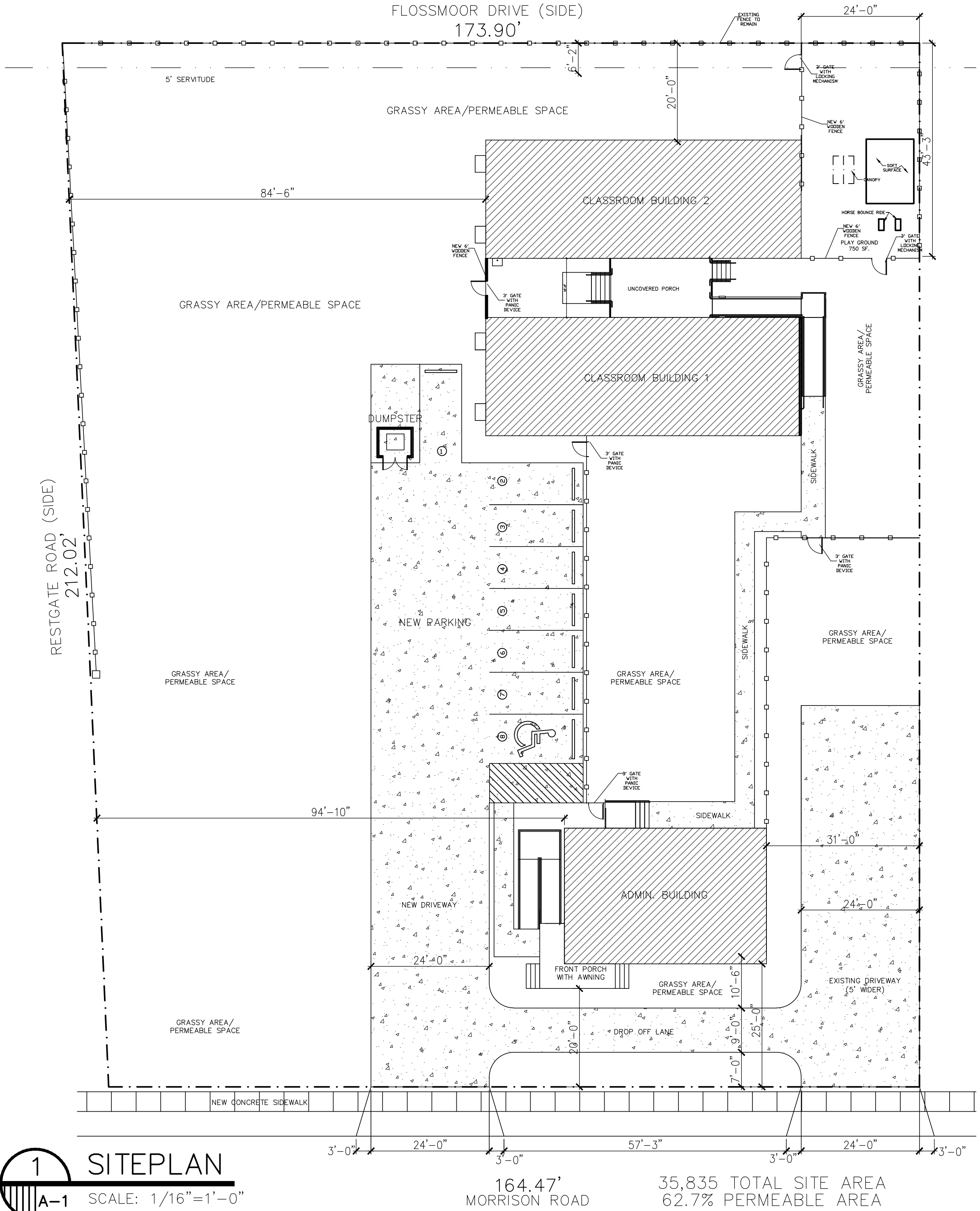
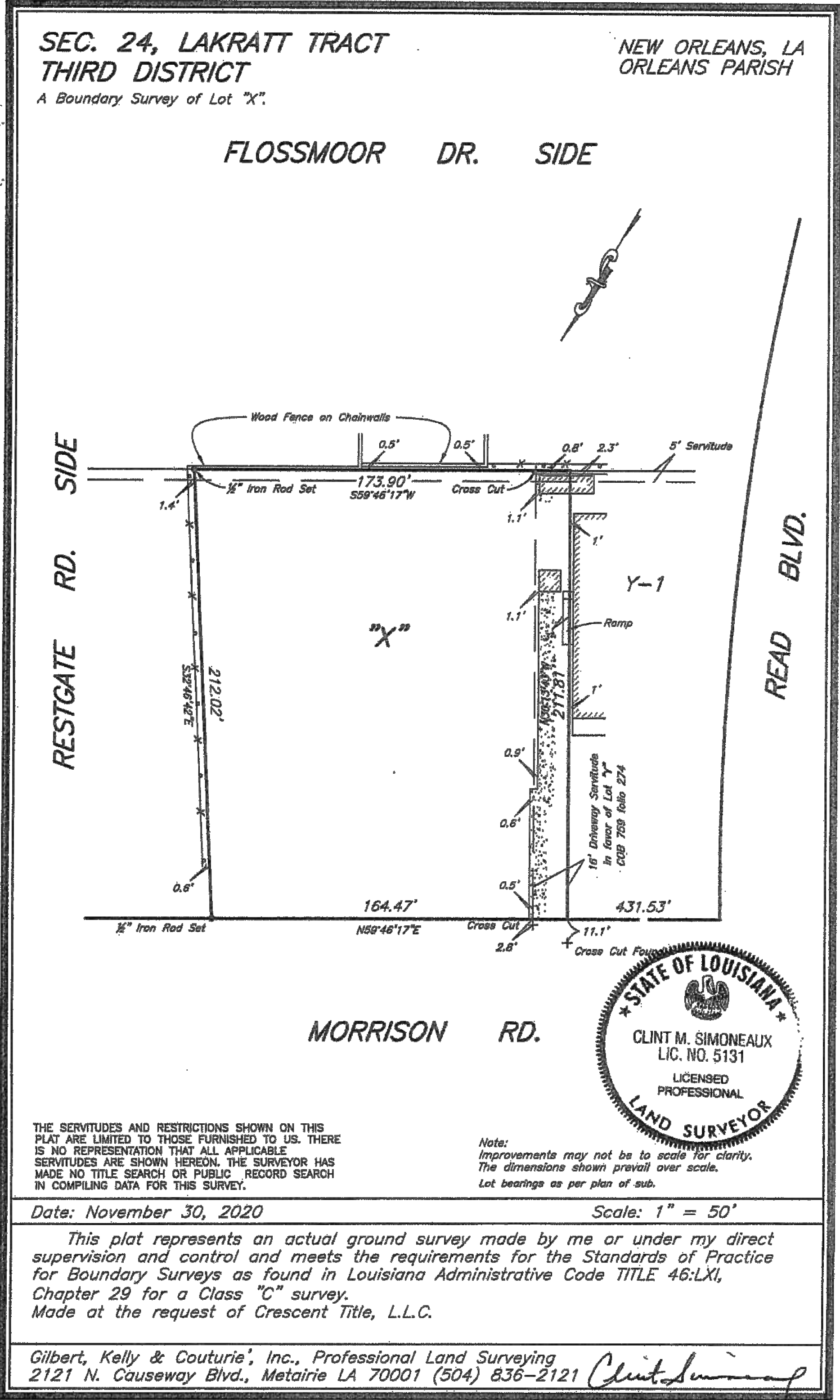
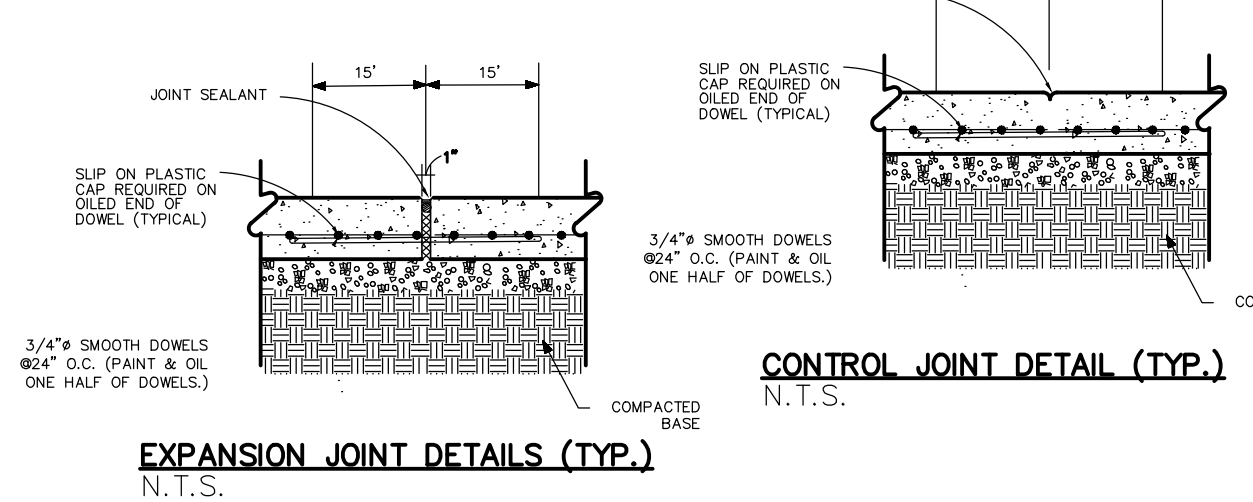
DRAINAGE

1. CONCRETE STRENGTH IS TO BE 3,000 P.S.I. (MINIMUM) AT 28 DAYS.
2. WHEN BOX IS 7'0" OR LESS IN HEIGHT, USE ONE LAYER OF BRICK. WHEN BOX IS 7'0" BUT LESS THAN 12'0" USE TWO LAYERS OF BRICK.
3. ALL MASONRY IS TO BE LAID WITH RUINING BOND AND HEADER COURSE (EVERY FOURTH LAYER).
4. ALL WALLS ARE TO BE PLASTERED 1/2" THICK, INSIDE AND OUTSIDE
5. 12" THICK LIMESTONE BEDDING FOUNDATION SHALL BE REQUIRES UNDER ALL MANHOLES AND BASINS.
6. WHEN THE DEPTH OF BOX OR MANHOLE IS 4" OR GREATER, THE INSTALLATION OF STEPS WILL BE REQUIRED IN ACCORDANCE WITH PUBLIC WORKS STANDARDS.
7. THE MINIMUM DRAIN INLET SIZE(INSIDE DIMENSION) THAT IS ACCEPTABLE WILL BE 18" BY 18"
8. CONTRACTOR WILL CONTACT THE DEPARTMENT OF ENGINEERING, TWO DAYS PRIOR TO ANY WORK DONE WITHIN THE PARISH RIGHT-OF-WAY OR SERVITUDE

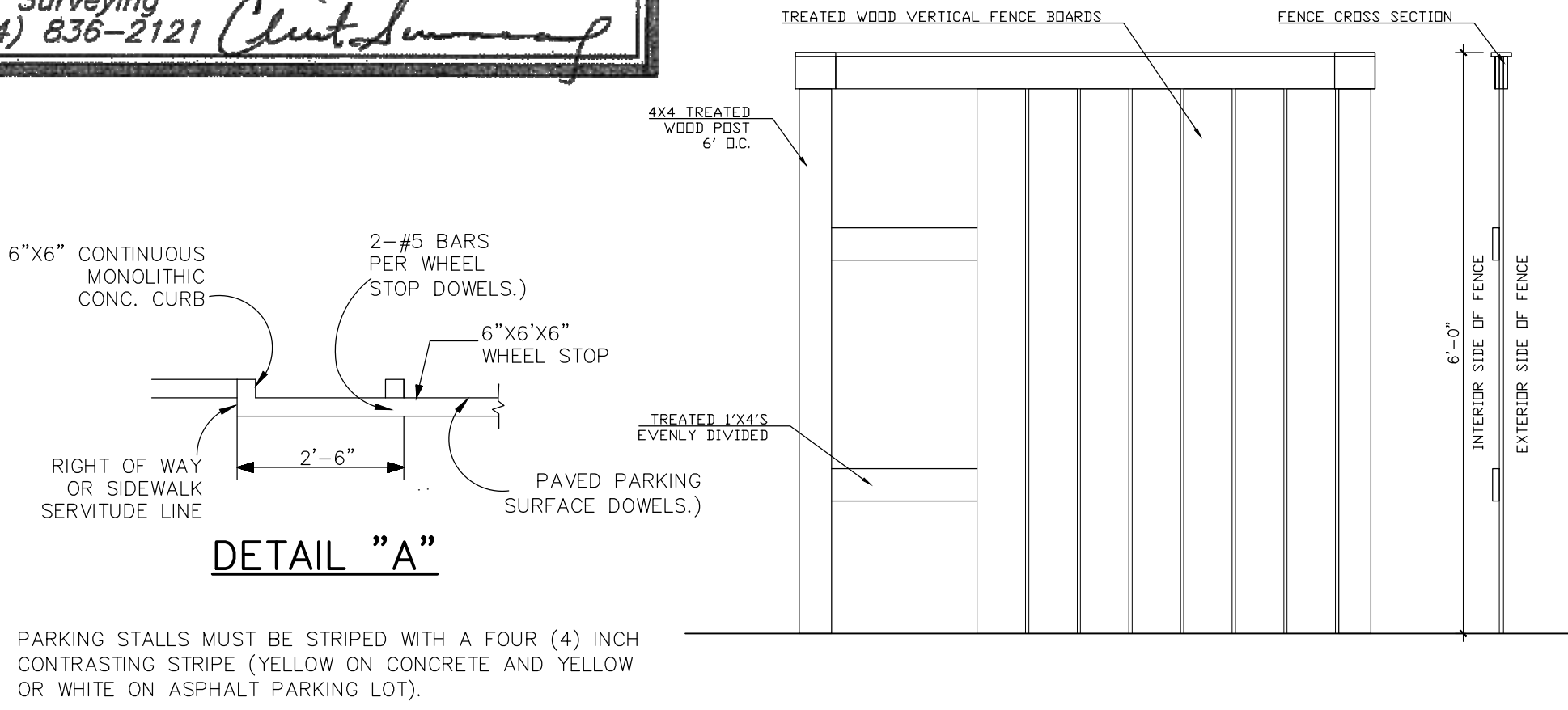
NOTE:

CONTRACTOR SHALL DIRECT ANY QUESTIONS PERTAINING TO THESE PLANS TO THE ARCHITECT. ANY DEVIATIONS FROM THESE PLANS WITHOUT CONSULTING AND/OR WRITTEN CONSENT FROM THE ARCHITECT SHALL NULL AND VOID ALL LIABILITIES.

THE DRAWINGS IN THIS PACKAGE HAS BEEN PRODUCED FOR CONSTRUCTION ON THE SITE INDICATED IN THE SURVEY. THESE PLANS ARE NOT TO BE USED, REPRODUCED OR SOLD FOR CONSTRUCTION AT ANY OTHER LOCATION WITHOUT WRITTEN CONSENT FROM SPECTRUM PLANNING & DESIGN GROUP INC.

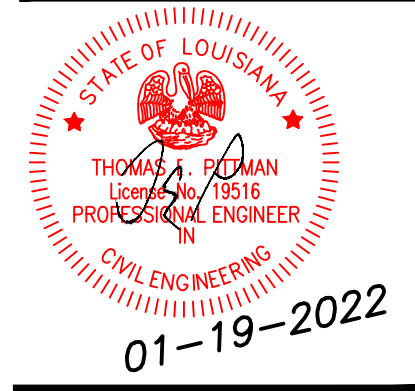


1 SITEPLAN  
A-1 SCALE: 1/16"=1'-0"

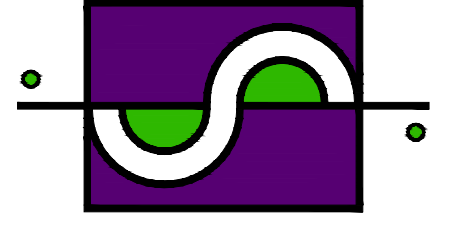


10100-MORRISONRD 39W016371 10/16/2019

ADMIN/DAYCARE BUILDINGS  
SENTINO EARLY CHILDHOOD ACADEMY TOO  
10100 MORRISON ROAD  
NEW ORLEANS, LA  
ORLEANS PARISH



SPECTRUM  
DESIGNS, LLC  
2439 MANHATTAN BLVD, SUITE 209  
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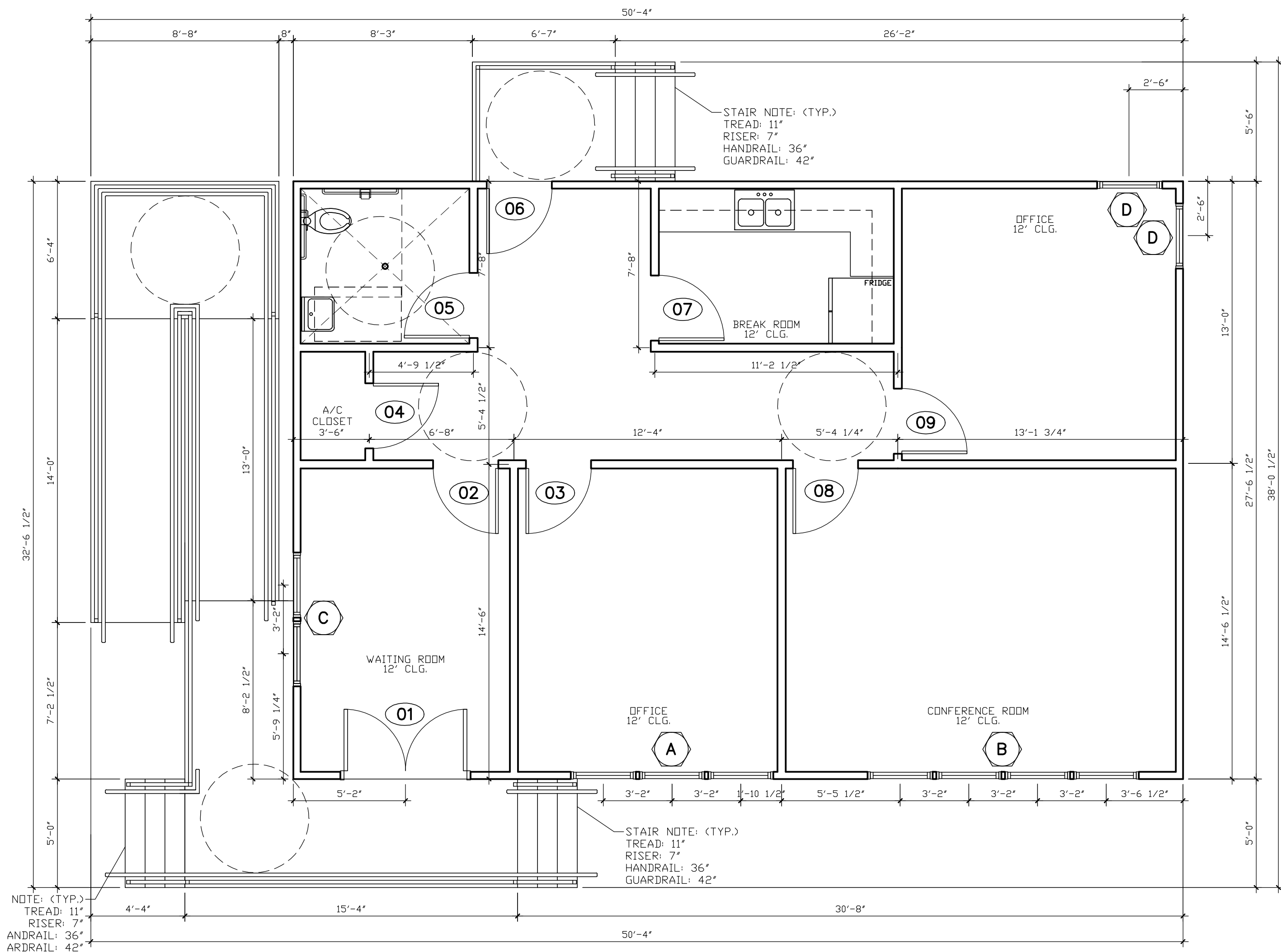


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SITEPLAN

Drawing No.

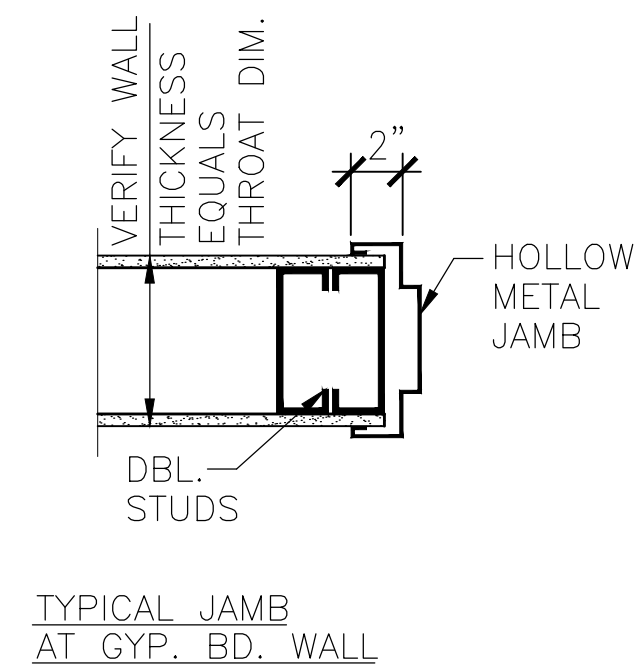




1 SITEPLAN  
A-1 SCALE: 1/4"=1'-0"

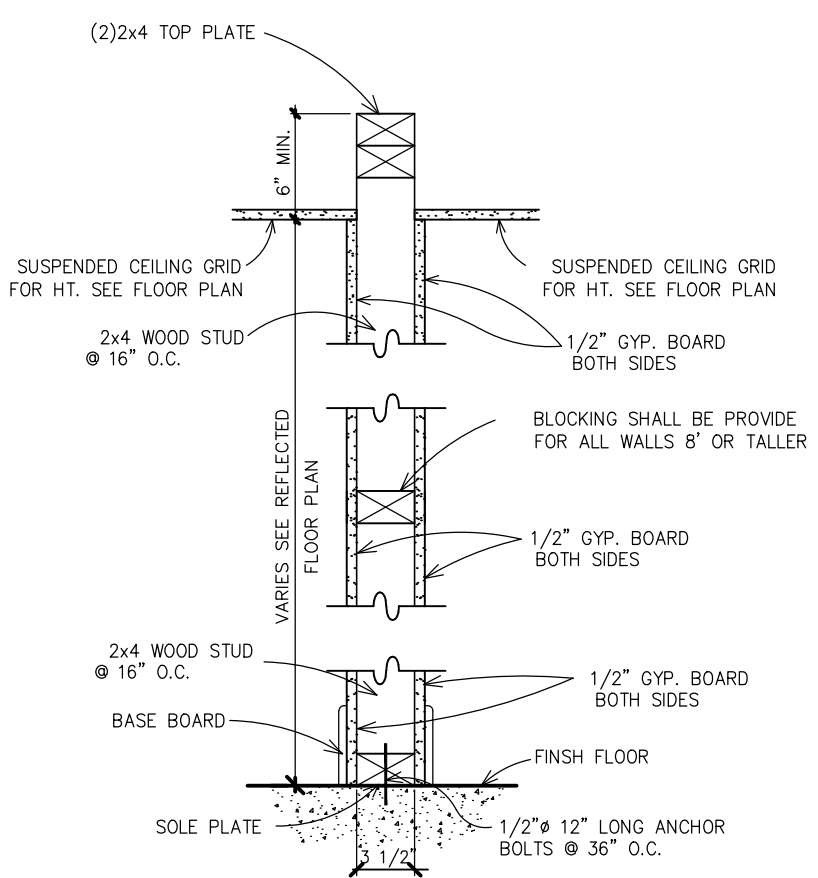
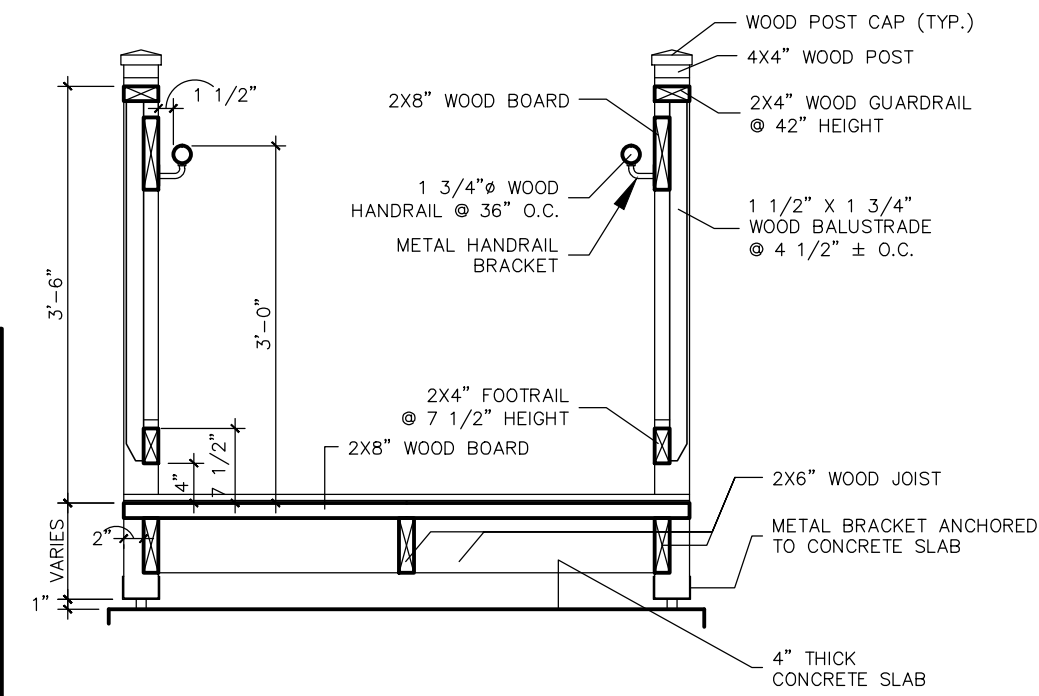
AREA CALCULATIONS	
ADMINISTRATION BUILDING	1,129 SQFT.
PREFABRICATED BUILDING #1	1,536 SQFT.
PREFABRICATED BUILDING #2	1,536 SQFT.
TOTAL LIVING AREA	4,201 SQFT.
CONNECTING PORCH FOR PREFAB BUILDING	250 SQFT.
ADMIN BUILDING FRONT PORCH	117 SQFT.
TOTAL AREA	4,568 SQFT.

DOOR SCHEDULE			
ITEM NO.	HARDWARE	SIZE	DESCRIPTION
01	HW1	(2) 3'-0" X 8'-0	ALUMINUM STORE FRONT
02	HW2	3'-0" X 8'-0"	HOLLOW CORE MASONITE
03	HW2	3'-0" X 8'-0"	HOLLOW CORE MASONITE
04	HW2	3'-0" X 8'-0"	HOLLOW CORE MASONITE
05	HW2	3'-0" X 8'-0"	HOLLOW CORE MASONITE
06	HW3	3'-0" X 8'-0"	HOLLOW CORE METAL
07	HW2	3'-0" X 8'-0"	HOLLOW CORE MASONITE
08	HW2	3'-0" X 8'-0"	HOLLOW CORE MASONITE
09	HW2	3'-0" X 8'-0"	HOLLOW CORE MASONITE

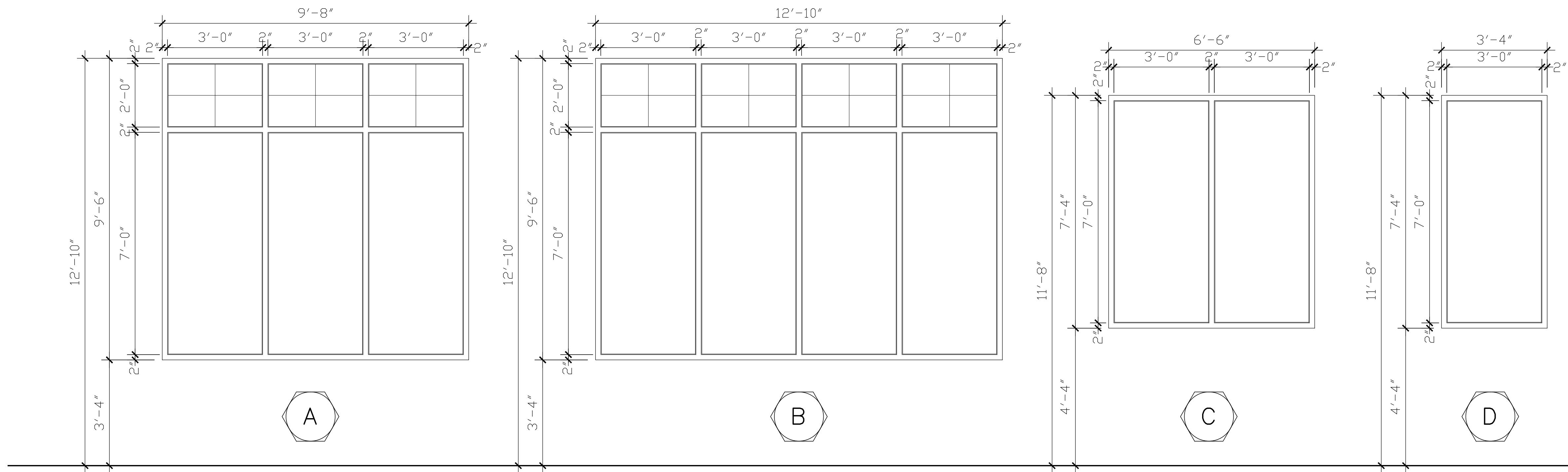


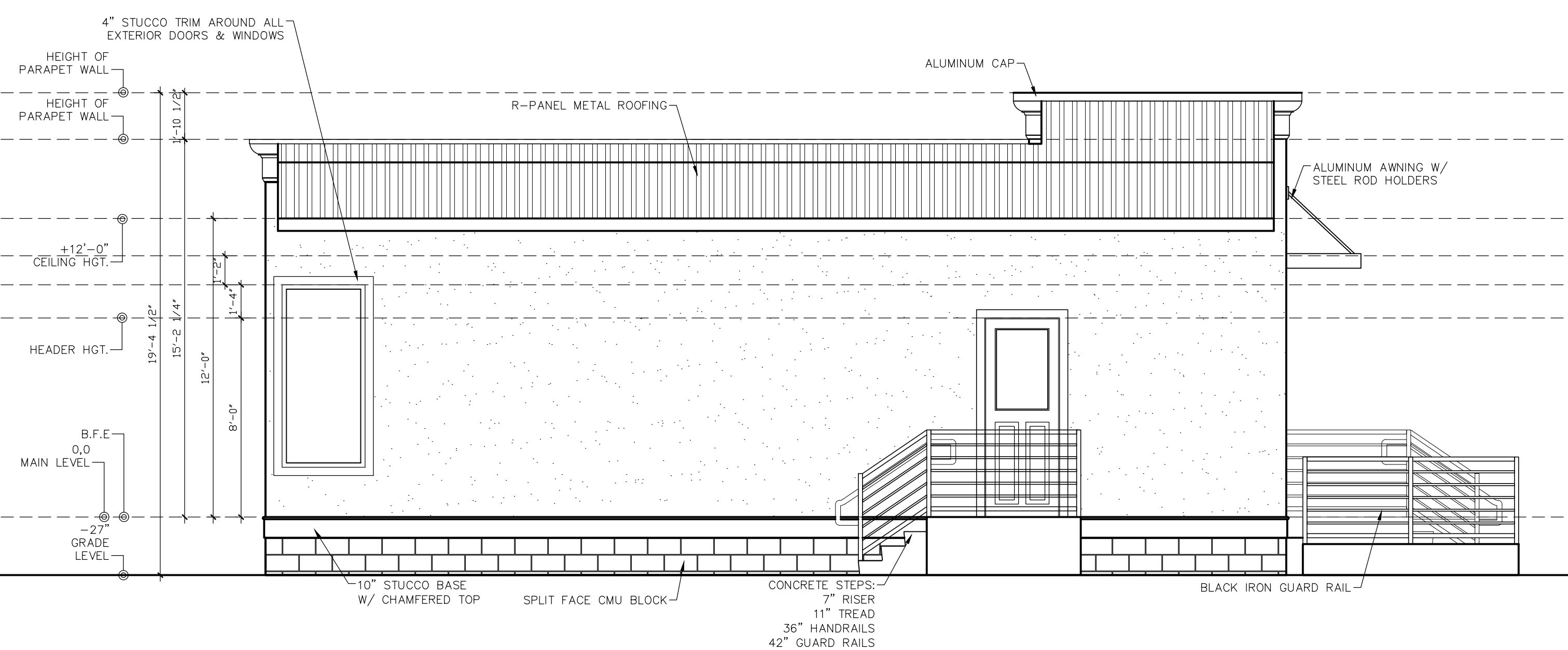
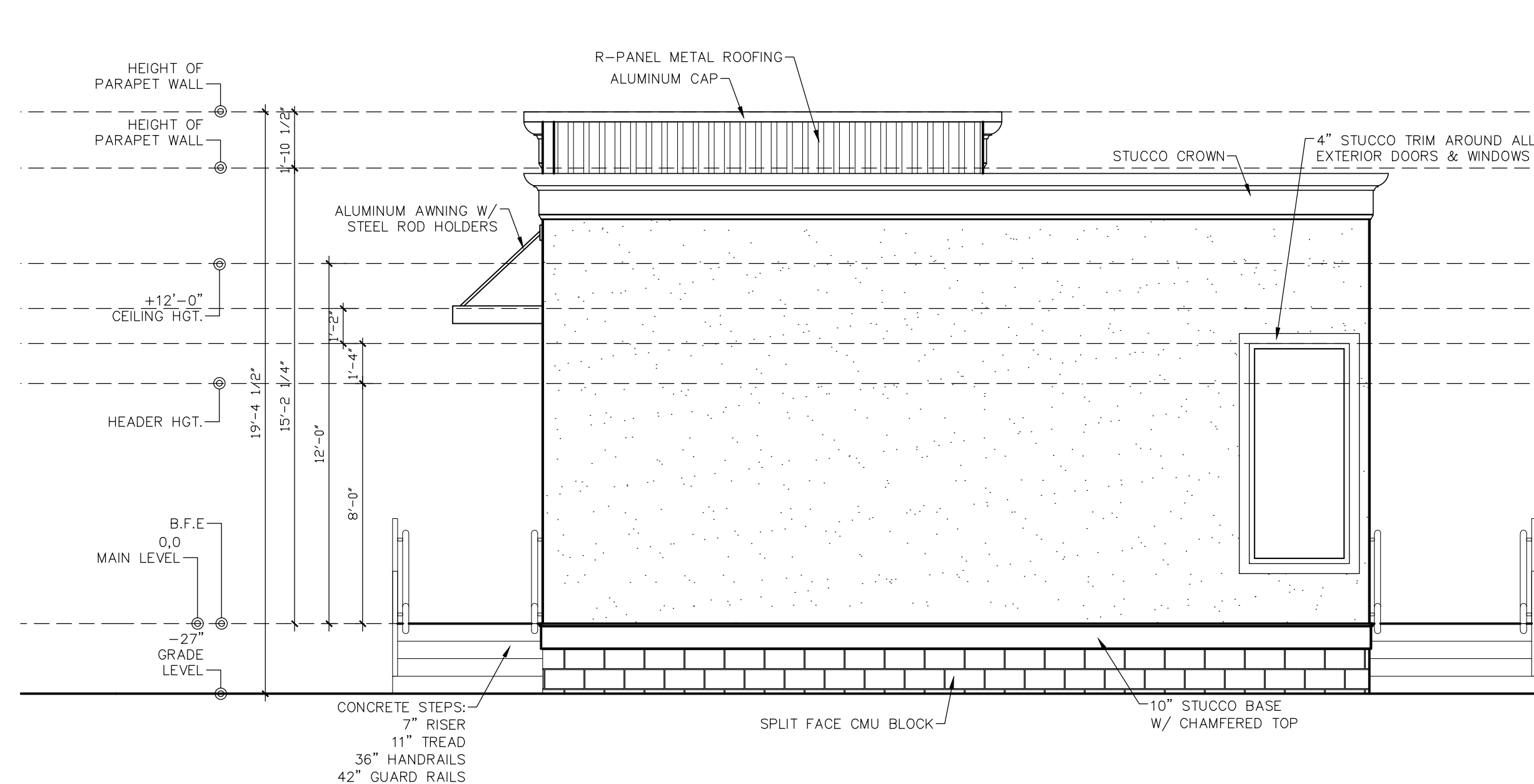
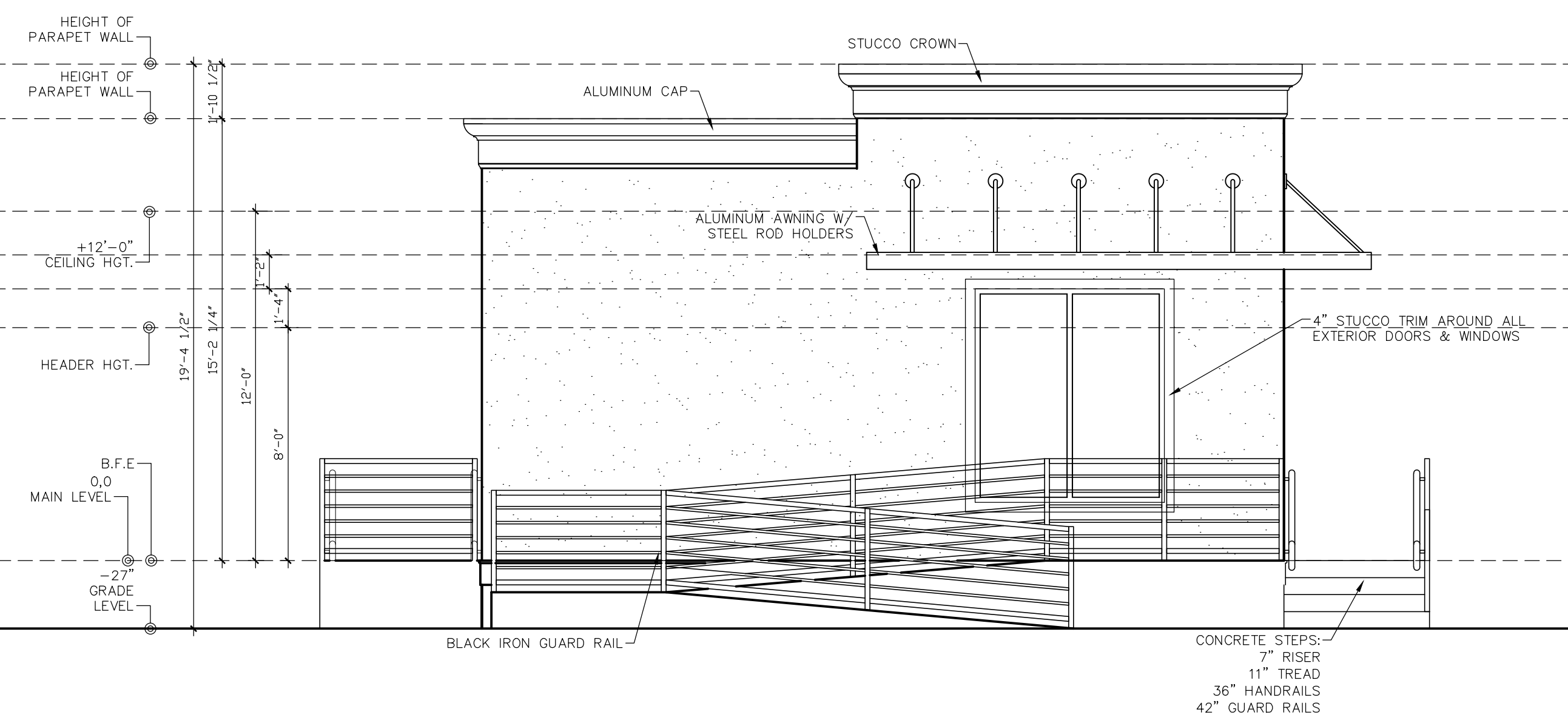
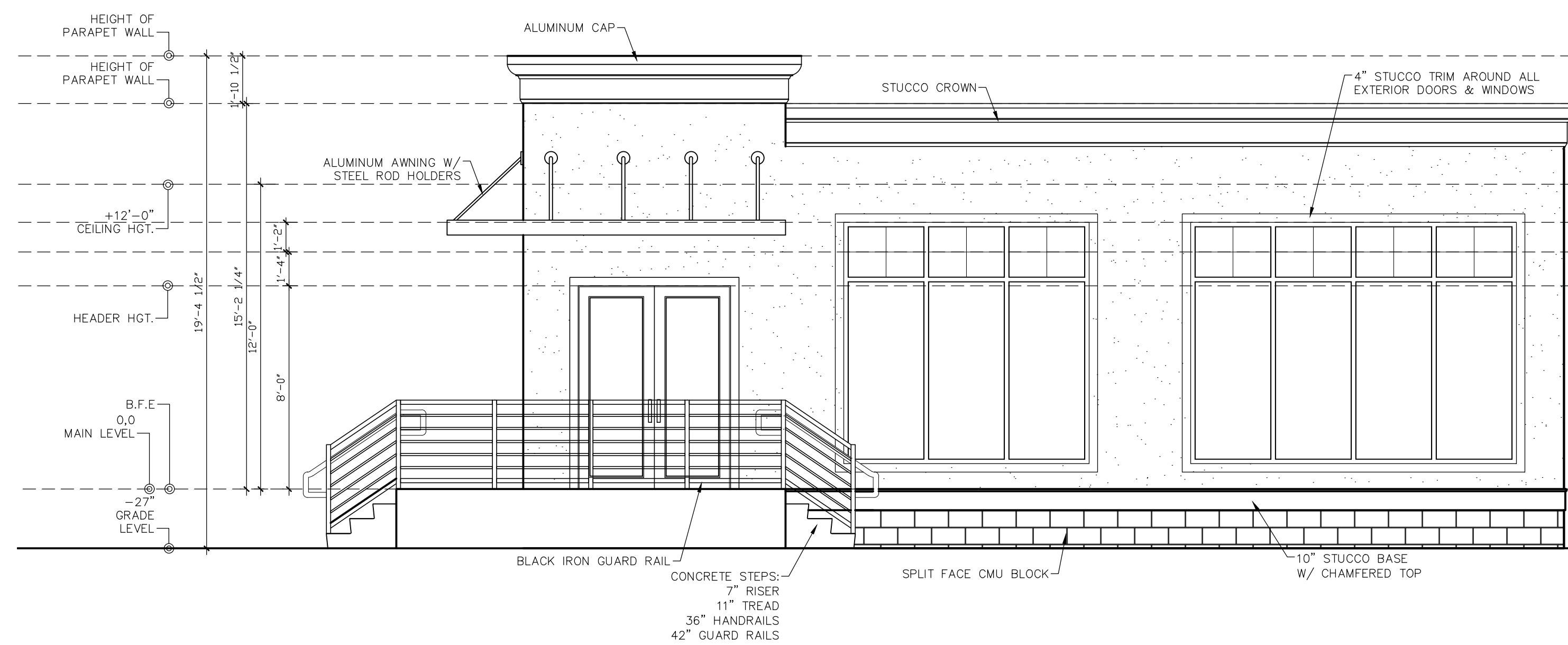
HARDWARE SCHEDULE

HW1	3 EA.	BUTTS (NON TAMPER)
1	EA.	WEATHER-STRIPPING
1	EA.	CLOSER
1	EA.	THRESHOLD
1	EA.	LOCKSET
1	EA.	PULL HANDLE
1	EA.	PUSH BAR
HW2	3 EA.	BUTTS
1	EA.	FLOOR MOUNTED DOOR STOP
1	EA.	KICKPLATE
1	EA.	LOCKING DOOR KNOB
1	EA.	CLOSER
HW3	3 EA.	BUTTS (NON TAMPER)
1	EA.	WEATHER-STRIPPING
1	EA.	CLOSER
1	EA.	THRESHOLD
1	EA.	LOCKING DOOR KNOB
1	EA.	DEADBOLT

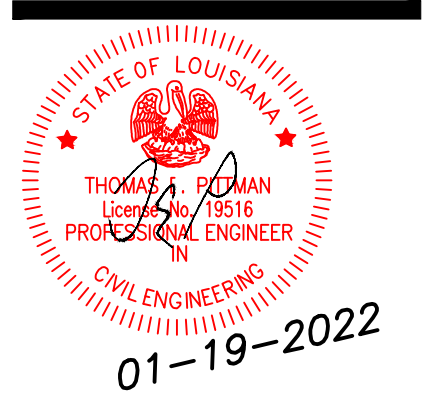


1 TYPICAL INTERIOR WALL SECTION  
SCALE: 1"=1'-0" (UNLESS NOTED OTHERWISE)

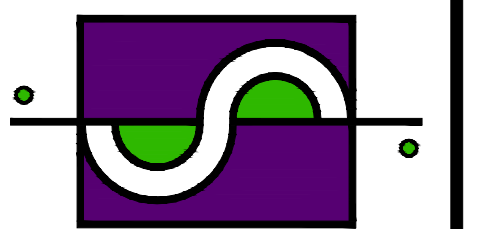




ADMIN/DAYCARE BUILDINGS  
SENTINO EARLY CHILDHOOD ACADEMY TOO  
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NEW ORLEANS, LA  
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**SPECTRUM**  
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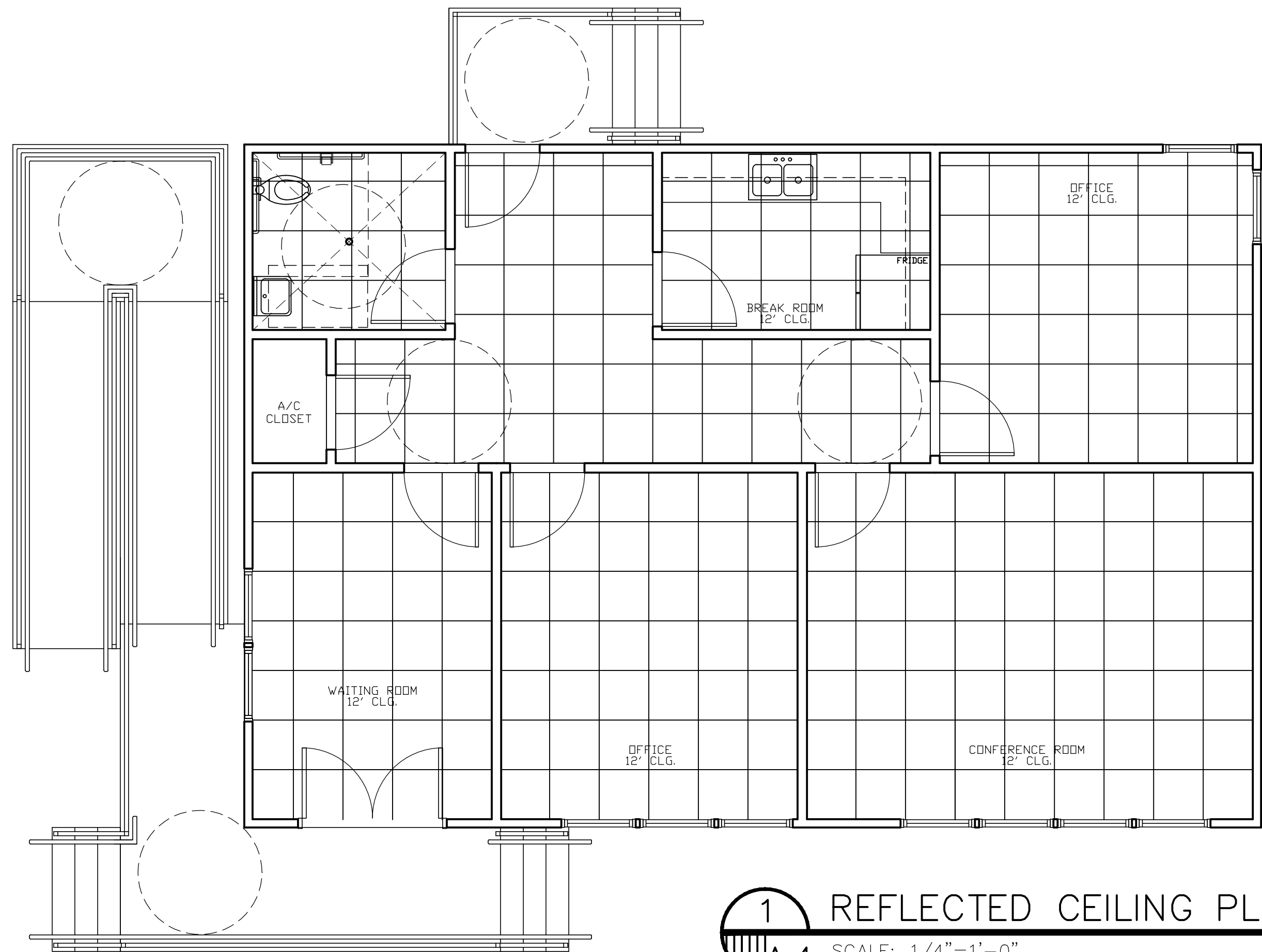
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ADMIN BUILDING  
ELEVATIONS

Drawing No.

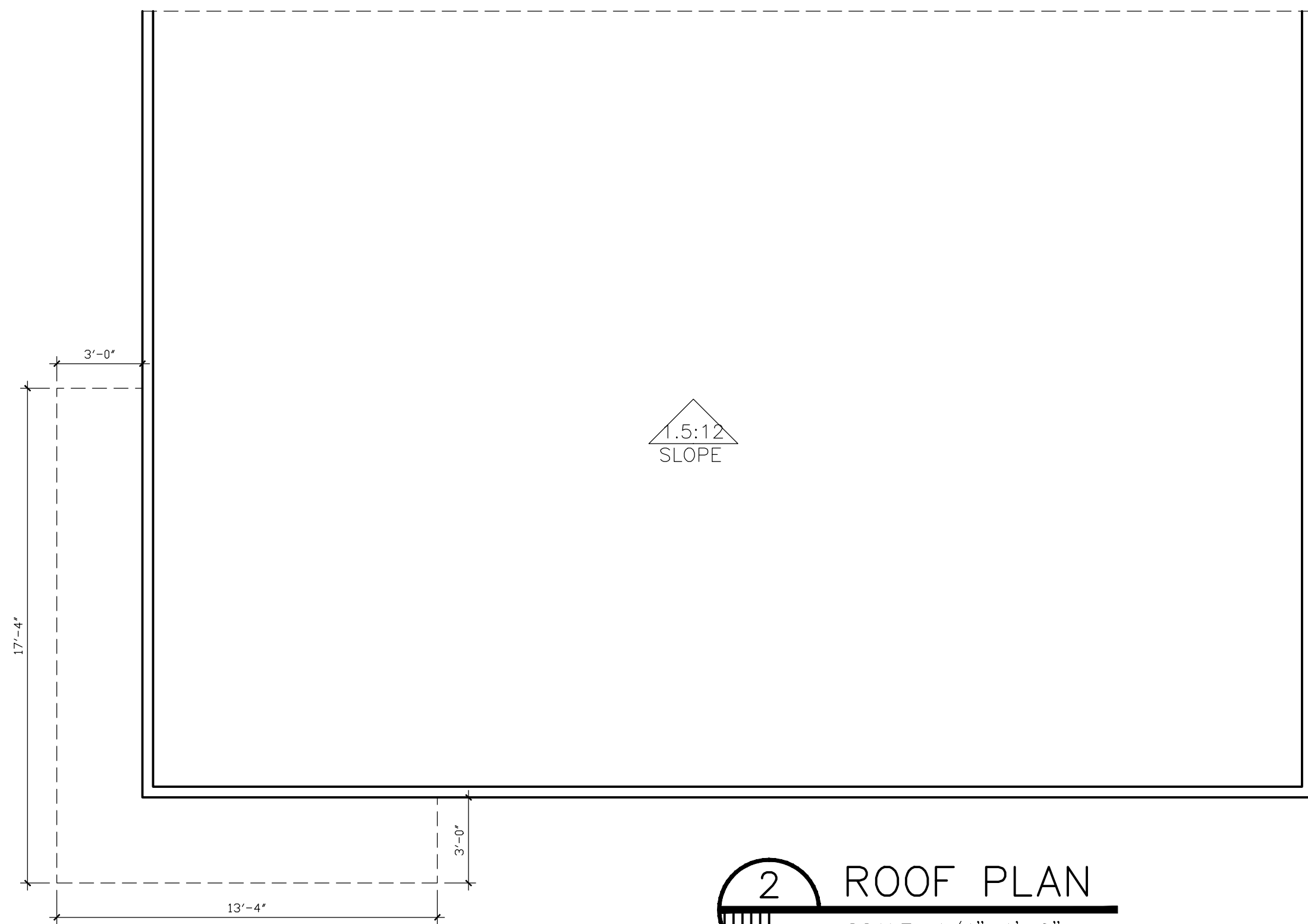
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CONTRACT ANY BUILDING WITHOUT THE WRITTEN AUTHORIZATION OF  
SPECTRUM DESIGNS LLC

CONTRACTOR SHALL DIRECT ANY QUESTIONS PERTAINING TO THESE PLANS TO THE ENGINEER. ANY DEVIATIONS FROM THESE PLANS WITHOUT CONSULTING AND/OR WRITTEN CONSENT FROM THE ENGINEER SHALL NULL AND VOID ALL LIABILITIES

"I HAVE RESEARCHED THIS CHAPTER AND THE LOUISIANA STATE UNIFORM CONSTRUCTION CODE AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THESE DRAWINGS ARE IN COMPLIANCE THEREWITH. I TAKE FULL RESPONSIBILITY FOR THE CONTENTS OF THESE PLANS".

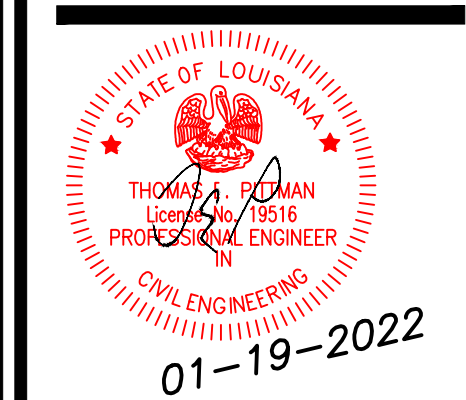


1 REFLECTED CEILING PLAN  
A-4 SCALE: 1/4"=1'-0"

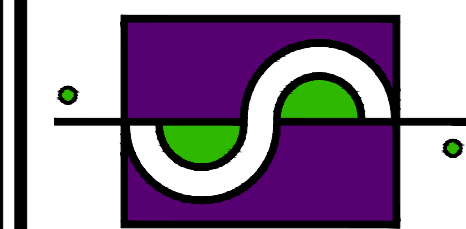


2 ROOF PLAN  
A-4 SCALE: 1/4"=1'-0"

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**REFLECTED  
CEILING &  
ROOF PLAN**

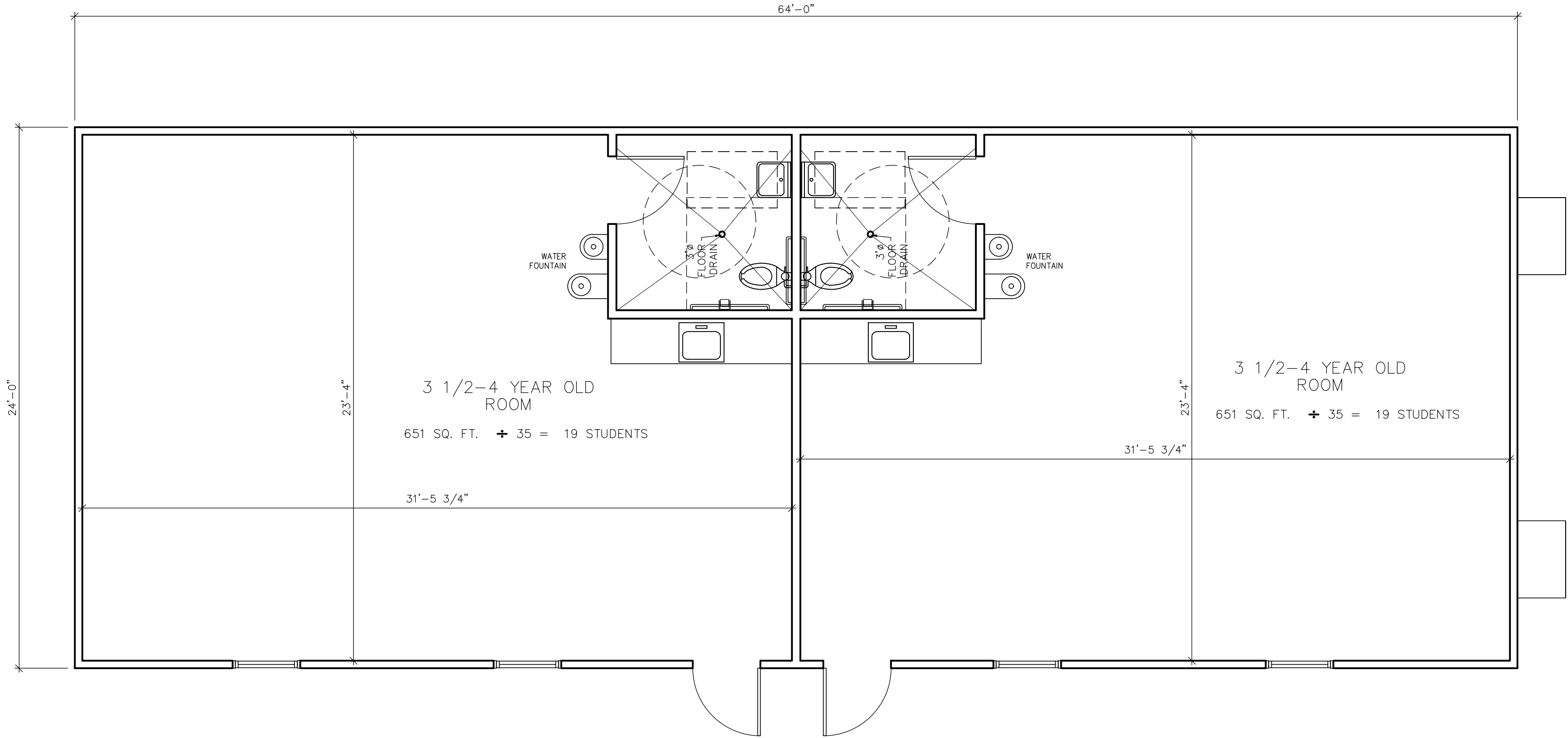
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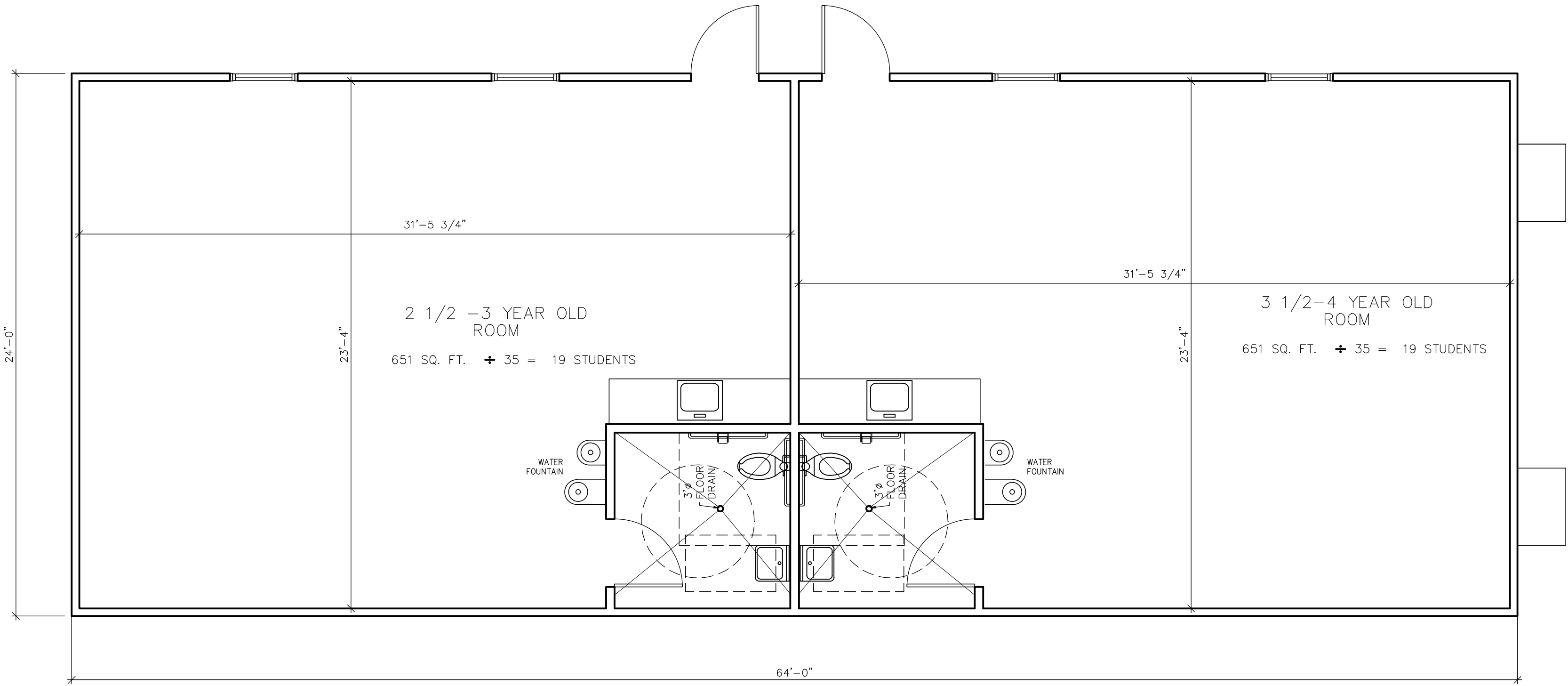
GENERAL NOTES:

1. ALL WORK PERFORMED IN THE PACKAGE SHALL BE IN COMPLIANCE WITH ALL APPLICABLE CODES, RULES, ORDINANCES, AND REGULATIONS OF LOCAL, STATE AND FEDERAL GOVERNING AUTHORITIES.
2. ALL WORK PERFORMED UNDER AND IN CONNECTION WITH THESE DRAWINGS AND SPECIFICATIONS SHALL BE IN STRICT COMPLIANCE WITH THE LATEST OSHA SAFETY AND HEALTH STANDARDS
3. ALL INSTALLATIONS SHALL BE PERFORMED WITHIN STRICT ACCORDANCE WITH THE MATERIAL, EQUIPMENT, AND/OR APPLIANCE MANUFACTURERS SPECIFICATIONS
4. DRAWINGS ARE NOT TO BE SCALED. LARGE SCALE DETAILS GOVERN OVER SMALL SCALE PLANS.
5. ALL DIMENSIONS SHOWN ON FLOOR PLANS ARE FROM FACE OF CONCRETE, FACE OF STUD, OR CENTERLINE OF STRUCTURE, UNLESS NOTED OTHERWISE.
6. ALL DIMENSIONS MUST BE FIELD CHECKED BEFORE INSTALLATION OR CONSTRUCTION OF ITEMS.
7. THE CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO ANY WORK - CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK AND MATERIALS INCLUDING THAT FURNISHED BY SUBCONTRACTORS OR PLACING A BID PROPOSAL A CONTRACTOR STATES THAT HE OR HIS AGENT HAS INSPECTED THE SITE AND RECOGNIZED ANY CONCERNS AND QUESTIONS HE MAY HAVE HAD PRIOR TO SUBMITTING HIS BID PROPOSAL.
8. "ALIGN" AS USED IN THESE DOCUMENTS SHALL MEAN TO ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE.
9. DETAILS ARE USUALLY KEYED ONLY ONCE (ON PLANS OR ELEVATIONS WHEN THEY FIRST OCCUR) AND ARE TYPICAL FOR SIMILAR CONDITIONS THROUGHOUT UNLESS NOTED OTHERWISE.
10. "TYPICAL" MEANS FOR ALL SIMILAR CONDITIONS UNLESS NOTED OTHERWISE.
11. ALL EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OF EFFORT. NO DEADBOLTS, NO SLIDING BOLTS, ETC.
12. BUILDING OCCUPANT SHALL SECURE PERMITS REQUIRED BY THE FIRE DEPARTMENT AND FROM THE FIRE PREVENTION BUREAU PRIOR TO OCCUPYING THE BUILDING.
13. BUILDING NUMBERS SHALL BE EASILY VISIBLE AND LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. COORDINATE WITH ARCHITECT.
14. CONTRACTOR SHALL PROVIDE (1) SET OF "AS-BUILT" DRAWINGS TO BOTH THE OWNER AND THE ARCHITECT.
15. ALL GYPSUM BOARD TO BE 5/8" TYPE 'X'. USE WATER RESISTANT GYP. BD. @ BATHROOM.
16. DISCREPANCIES BETWEEN PORTIONS OF THE CONTRACT DOCUMENTS ARE NOT INTENDED - CONTRACTOR IS TO CLARIFY WITH THE ARCHITECT ANY SUCH DISCREPANCIES PRIOR TO PLACING HIS BID.
17. CONTRACTOR SHALL REPORT TO THE PROJECT FIELD MGR. ANY ERRORS, INCONSISTENCIES OR OMISSIONS HE MAY DISCOVER PRIOR TO COMMENCING ANY PART OF THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ERRORS AFTER THE START OF CONSTRUCTION WHICH HAVE NOT BEEN BROUGHT TO THE ATTENTION OF THE OWNER. THE MEANS OF CORRECTING ANY ERROR SHALL FIRST BE APPROVED BY THE ARCHITECT AND OWNER.
18. DO NOT OBSTRUCT STREETS, SIDEWALKS, ALLEYS OR RIGHT-OF-WAYS WITHOUT FIRST OBTAINING PROPER PERMITS AND THE OWNER'S APPROVAL.
19. PROVIDE O.S.H.A.-COMPLIANT TEMPORARY GUARD RAIL BARRIERS AS REQUIRED.
20. UNLESS OTHERWISE NOTED, ALL PENETRATIONS AND JOINTS OF DRYWALL AT ACOUSTICAL WALLS ARE TO BE ACOUSTICALLY SEALED.
21. CONTRACTOR SHALL CLEAN WORK AREAS ON A DAILY BASIS SO AS TO NOT ACCUMULATE DEBRIS. UPON PROJECT COMPLETION CONTRACTOR IS TO CLEAN WORK AREAS AND JOB SITE THOROUGHLY SO AS TO REMOVE ALL CONSTRUCTION DUST AND RESIDUE AND DEBRIS.
22. THE OWNER MAY PERFORM ADDITIONAL WORK THAT IS NOT PART OF THIS CONTRACT WITH HIS OWN FORCES, UNDER SEPARATE CONTRACTS AND/OR WITH OTHER CONTRACTOR. THE CONTRACTORS SHALL COOPERATE WITH THE OWNER AND OTHER CONTRACTORS AND COORDINATE HIS WORK WITH THE OWNER SO THAT WORK BY OTHERS MAY BE ACCOMPLISHED IN A TIMELY MANNER. OWNER SHALL COORDINATE ALL SUCH WORK WITH AND THROUGH GOVERNING PERMITTING AUTHORITIES.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR JOB SAFETY, AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO SECURE SAFETY OF WORKERS AND OCCUPANTS AT ALL TIMES. IN THIS CAPACITY HE SHALL HAVE AUTHORITY OVER OWNER ACQUIRED WORK FORCES.
24. CONTRACTOR SHALL LOCATE ALL MECHANICAL AND ELECTRICAL SERVICES AND DISTRIBUTION SYSTEMS WHETHER SHOWN OR NOT AND TO PROTECT THEM FROM DAMAGE - THE CONTRACTOR SHALL BEAR ALL EXPENSE OF REPAIR OR REPLACEMENT OF OTHER UTILITIES OR OTHERS PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE THE PERFORMANCE OF THE WORK BY HIS FORCES.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REMEDY OR REPLACE ANY FAULTY, IMPROPER OR INTERIOR MATERIALS OR WORKMANSHIP WHICH SHALL APPEAR WITHIN ONE (1) YEAR OR AS OTHERWISE SPECIFIED FOR A SPECIFIC COMPONENT AFTER THE COMPLETION AND ACCEPTANCE OF THE WORK UNDER THIS CONTRACT.
26. PROVIDE RATED FIRESTOPPING AT ALL PENETRATIONS OF ONE-HOUR AND TWO-HOUR WALLS, FLOORS, AND CEILINGS.
27. REQUIRED WIDTH OF CORRIDORS SHALL BE UNOBSTRUCTED. THE GENERAL WORK OF THIS CONTRACT INCLUDES ALL LABOR AND MATERIALS NECESSARY TO PROVIDE A COMPLETE WORKING BUILDING AS SHOWN IN THE CONSTRUCTION DRAWINGS AND NOTES AND AS INDICATED IN THE SPECIFICATIONS AND CONTRACT.
28. FIRE EXTINGUISHERS SHALL BE PROVIDED FOR LOW HAZARD AREAS, WITH A MAXIMUM OF 75 FEET OF TRAVEL DISTANCE TO ANY EXTINGUISHER.
29. THE CONTRACTOR SHALL VISIT THE SITE AND BE KNOWLEDGEABLE OF CONDITIONS THEREON. THE CONTRACTOR SHALL INVESTIGATE, VERIFY, AND BE RESPONSIBLE FOR ALL CONDITIONS OF THE PROJECT, AND NOTIFY THE ARCHITECT OF ANY CONDITIONS REQUIRING MODIFICATION BEFORE BIDDING OR PROCEEDING WITH
30. INFORMATION CONTAINED ON THESE DRAWINGS WITH REGARD TO EXISTING CONDITIONS OF CONSTRUCTION IS PROVIDED FOR THE CONVENIENCE OF THE GENERAL CONTRACTOR IN FIELD. THE CONTRACTOR SHALL MAKE EVERY ATTEMPT TO VERIFY COMPLETE AND ACCURATE REPRESENTATIONS OF SUCH EXISTING CONDITIONS. THIS INTERPRETATION HAS BEEN SUPPLEMENTED BY FIELD - MEASUREMENT AND OBSERVATIONS.
31. THE INFORMATION CONTAINED ON THESE DRAWINGS WITH REGARD TO EXISTING CONDITIONS OF CONSTRUCTION IN NO WAY RELEASES THE GENERAL CONTRACTOR FROM THE RESPONSIBILITY FOR VERIFYING COMPLETELY ALL FIELD CONDITIONS RELATING TO AND AFFECTING THE EXECUTION OF THE WORK, AS DESCRIBED IN THESE CONTRACT DOCUMENTS.
32. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO FIELD VERIFY AND DOCUMENT ALL EXISTING DIMENSIONS, ELEVATIONS AND BENCHMARKS, MATERIALS AND METHODS. CONSTRUCTION THAT MAY AFFECT OR BE AFFECTED BY NEW WORK, AND TO COORDINATE SUCH FIELD VERIFICATION WITH THE CONTRACT DOCUMENTS AND THE EXECUTION OF THE WORK. DISCREPANCIES AND /OR CONFLICTS INVOLVING UNANTICIPATED EXISTING CONDITIONS SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION IMMEDIATELY.
33. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL TEMPORARY SHORING AND BARRIER PROTECTION DURING DEMOLITION AND CONSTRUCTION.
34. IF THERE ARE DISCREPANCIES BETWEEN STRUCTURAL AND ARCHITECTURAL DRAWINGS, STRUCTURAL TAKES PRECEDENCE, ETC. TO ALSO NOTIFY ARCH.



1 FLOOR PLAN BUILDING A  
A-2 SCALE: 1/4"=1'-0"

SEE MODULAR BUILDING SPECS



2 FLOOR PLAN BUILDING B  
A-2 SCALE: 1/4"=1'-0"

ADMIN/DAYCARE BUILDINGS  
SENTNO EARLY CHILDHOOD ACADEMY TOO  
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ORLEANS PARISH



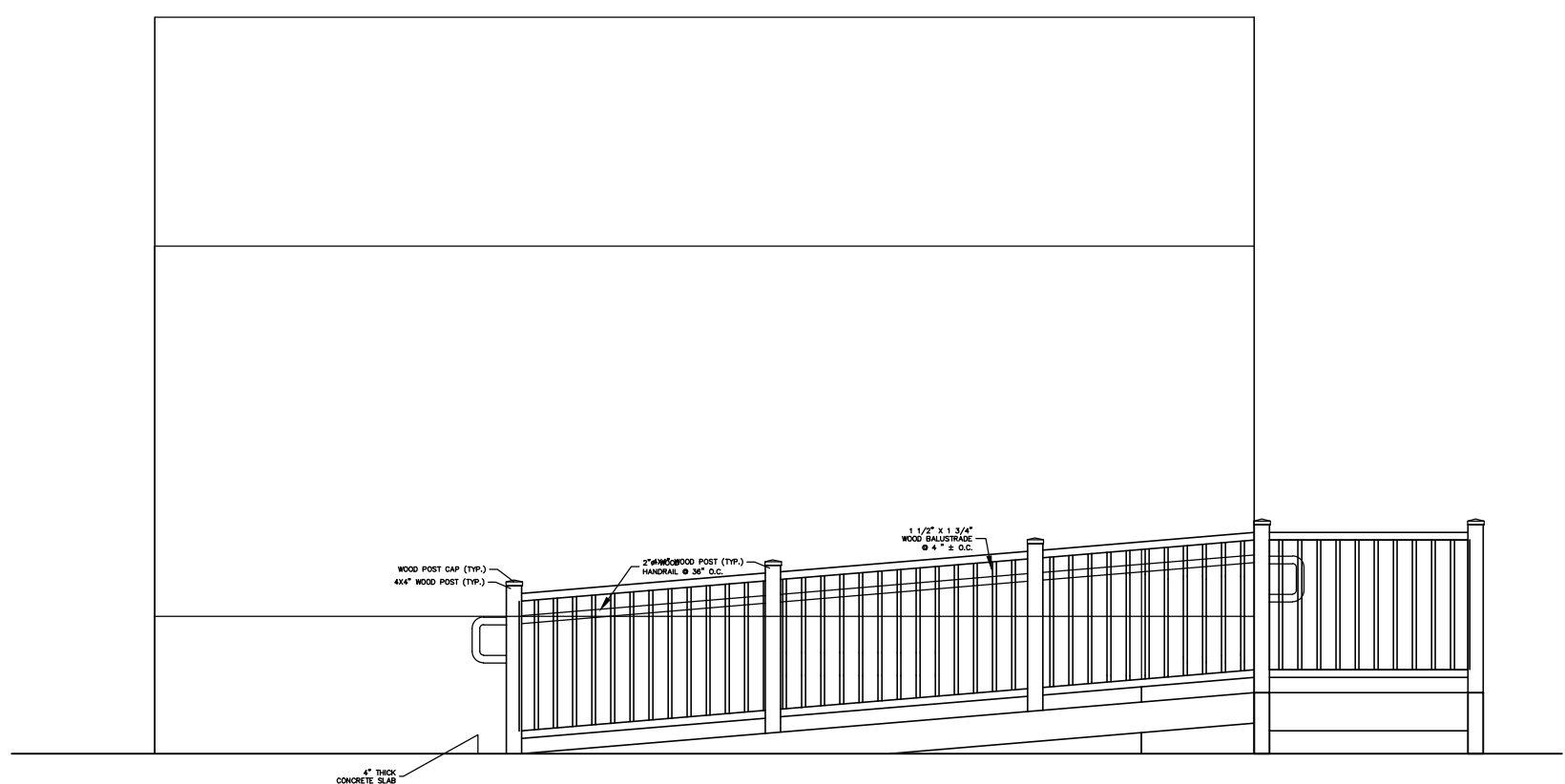
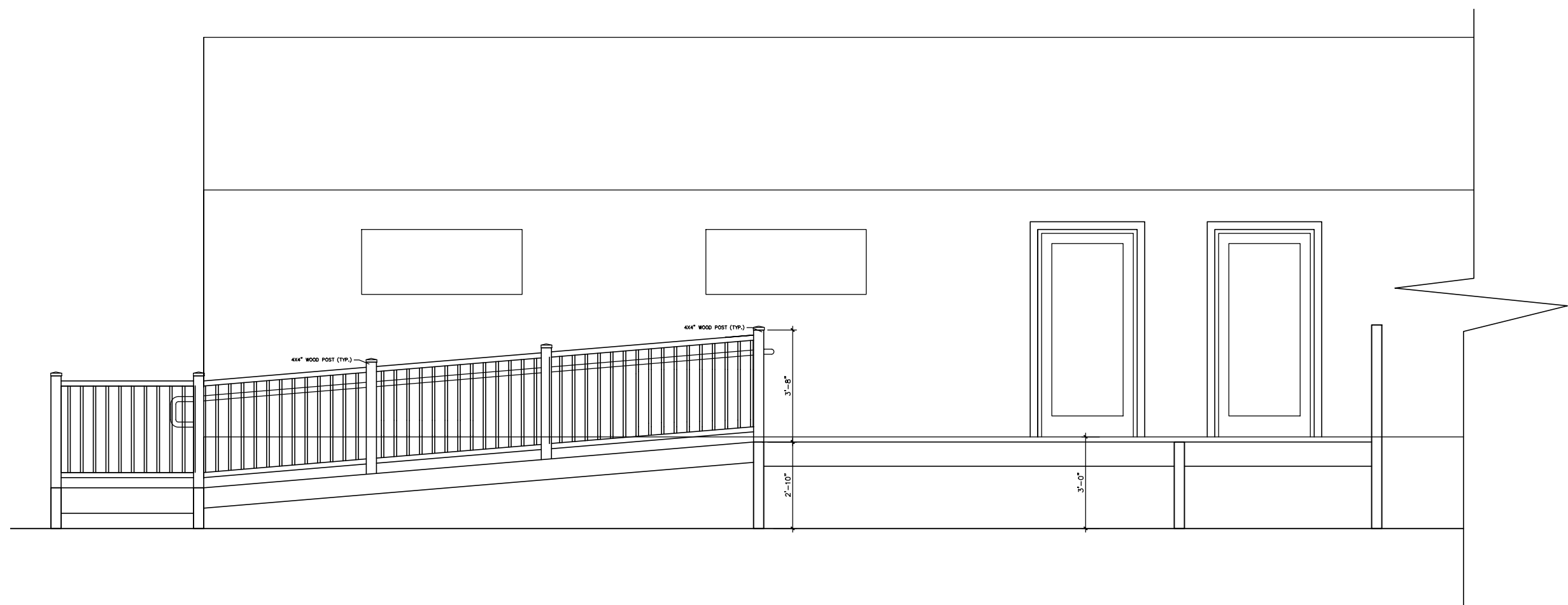
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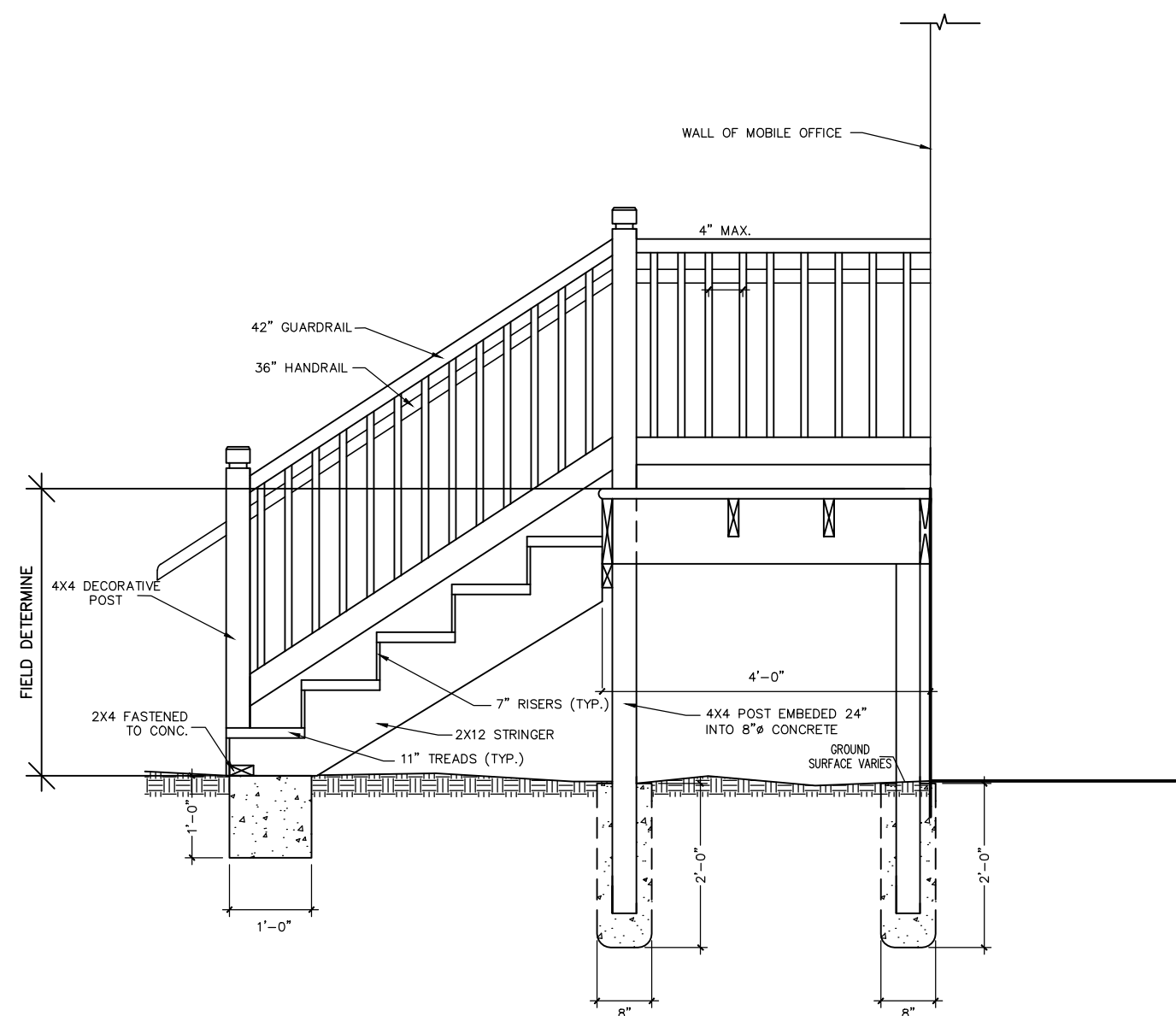
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**PREFAB**  
**FLOOR PLAN &**  
**RAMP DETAILS**

Drawing No.  
**A-5**

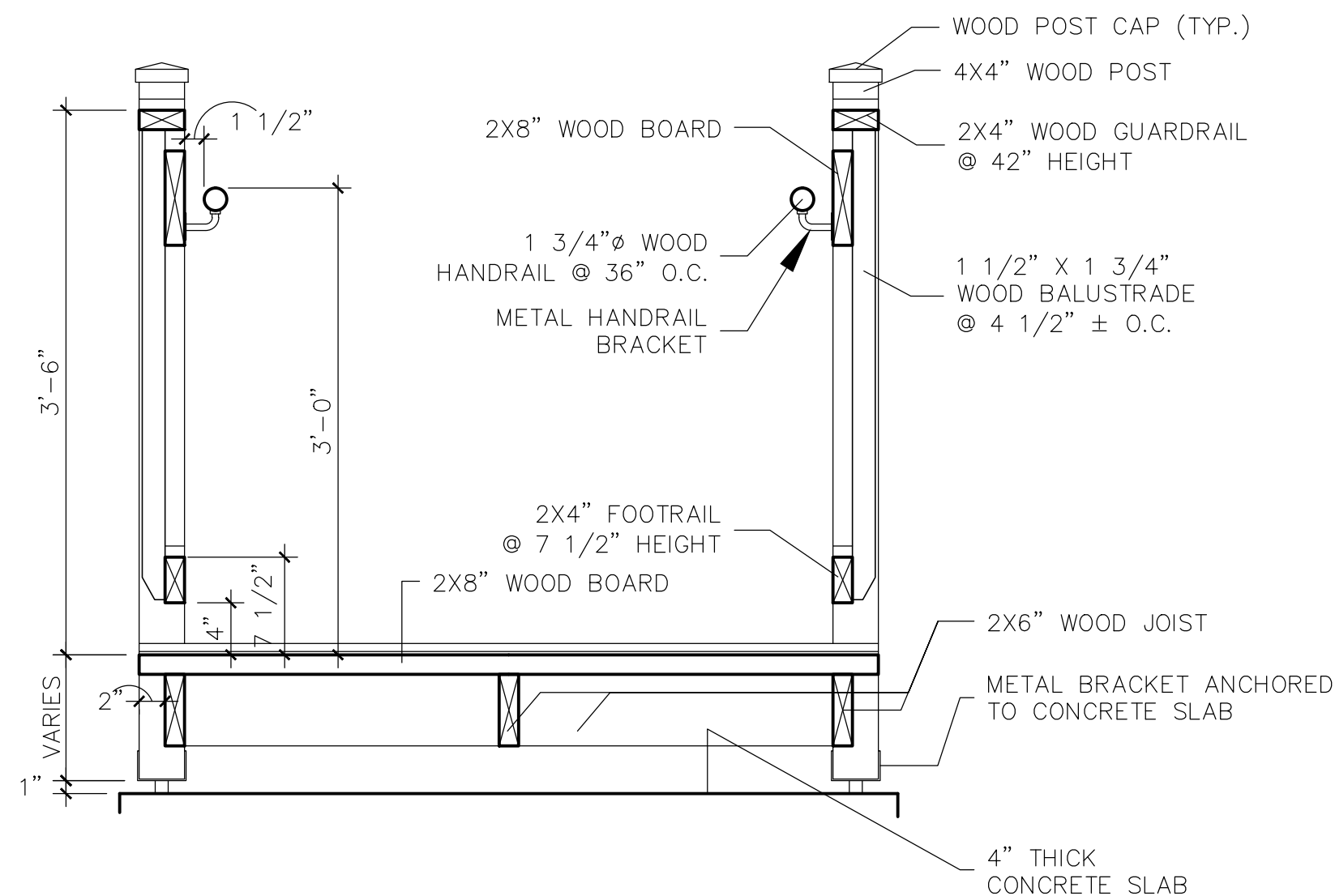




1 RAMP ELEVATION  
A-6 SCALE: 1/4"=1'-0"

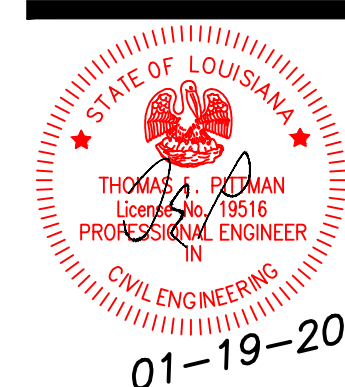


3 STAIR DETAIL  
A-6 SCALE: 1/2"=1'-0"

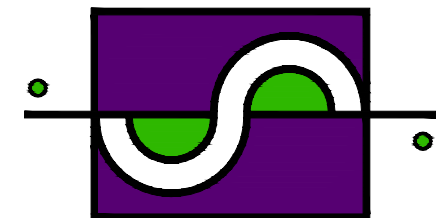


2 RAMP SECTION  
A-6 SCALE: 1"=1'-0"

ADMIN/DAYCARE BUILDINGS  
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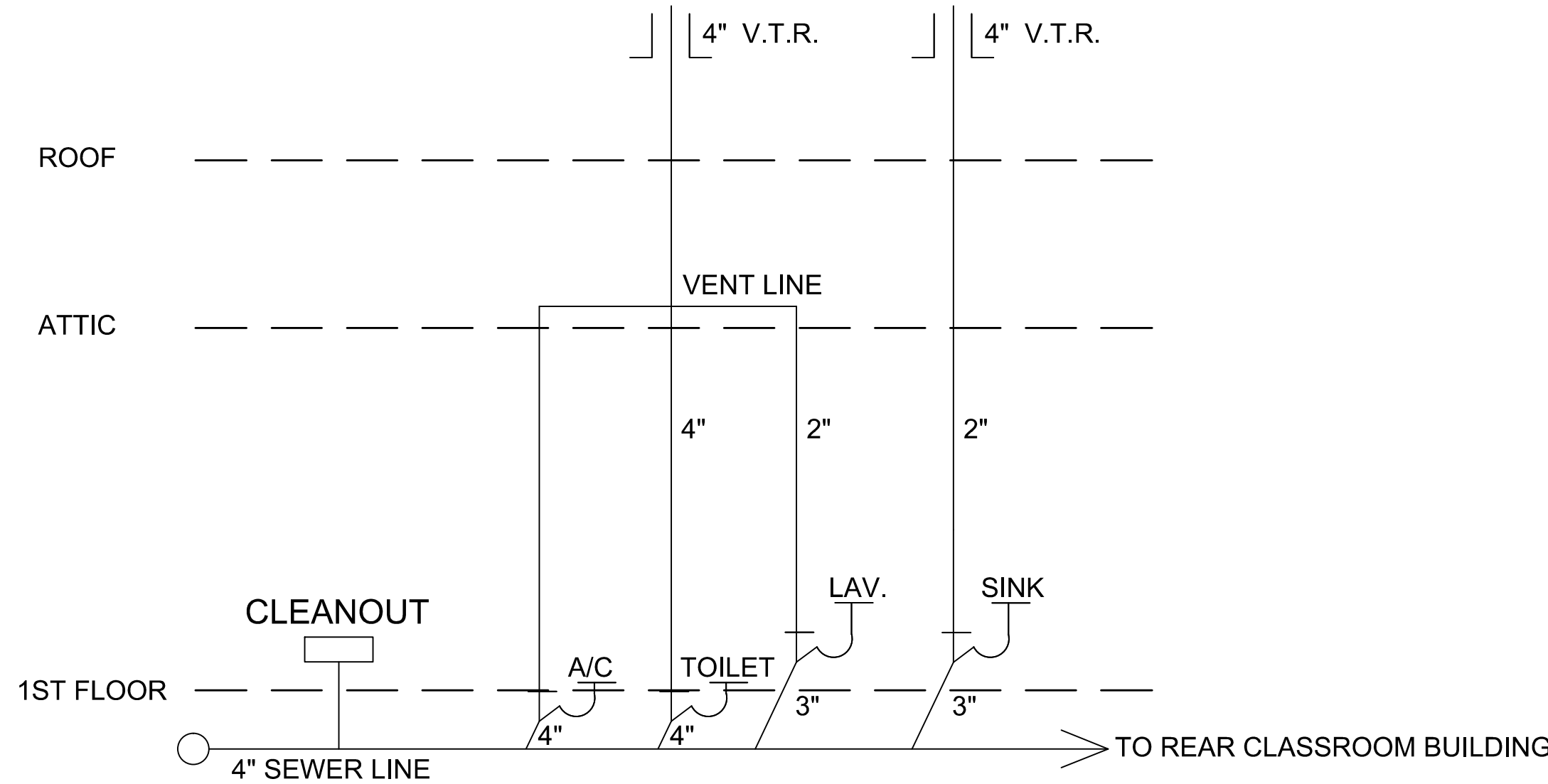
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Sheet Title:  
**STAIR & RAMP**  
**DETAILS**

Drawing No.

A-6



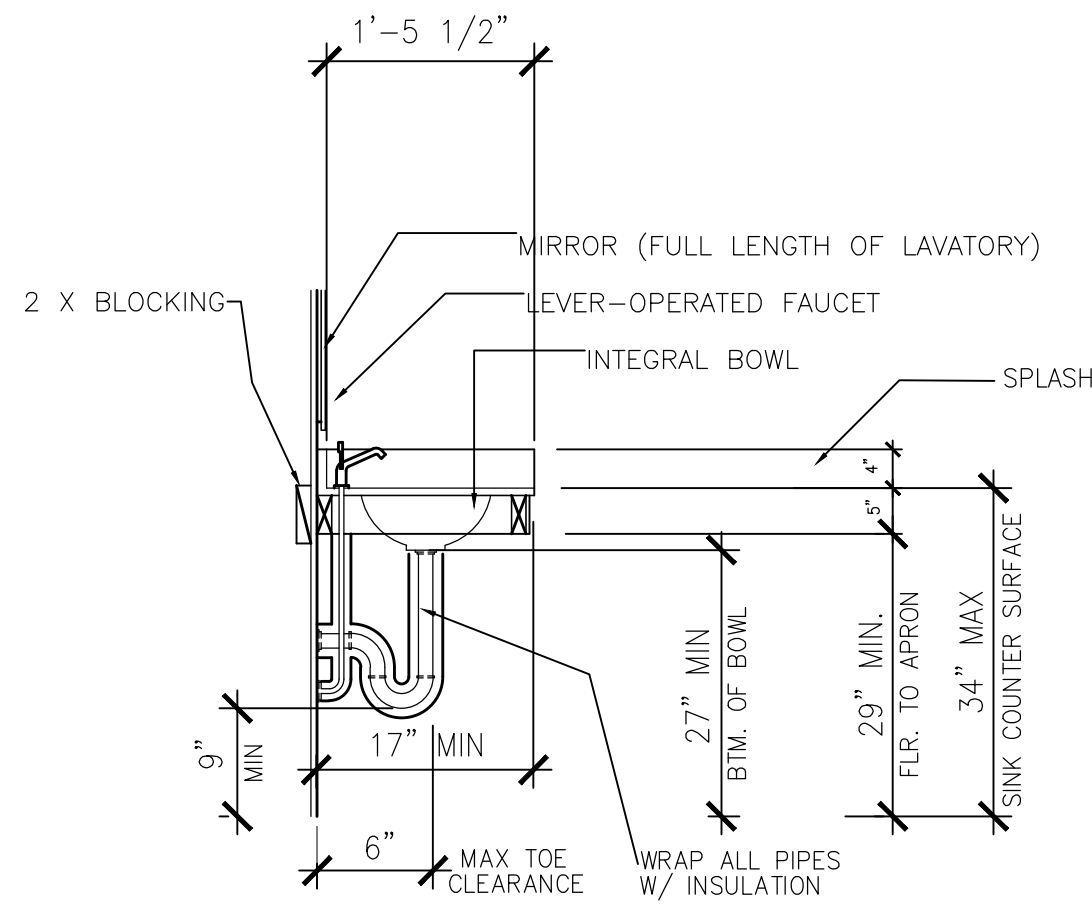
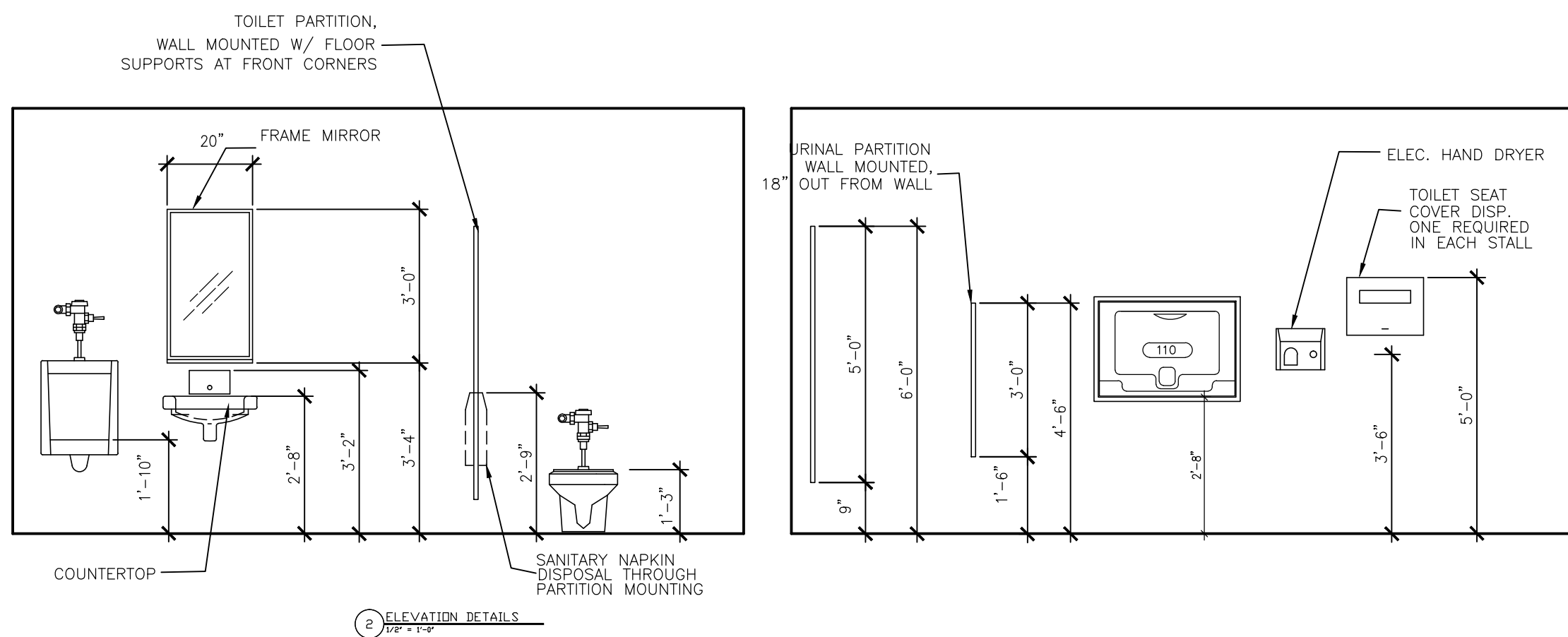
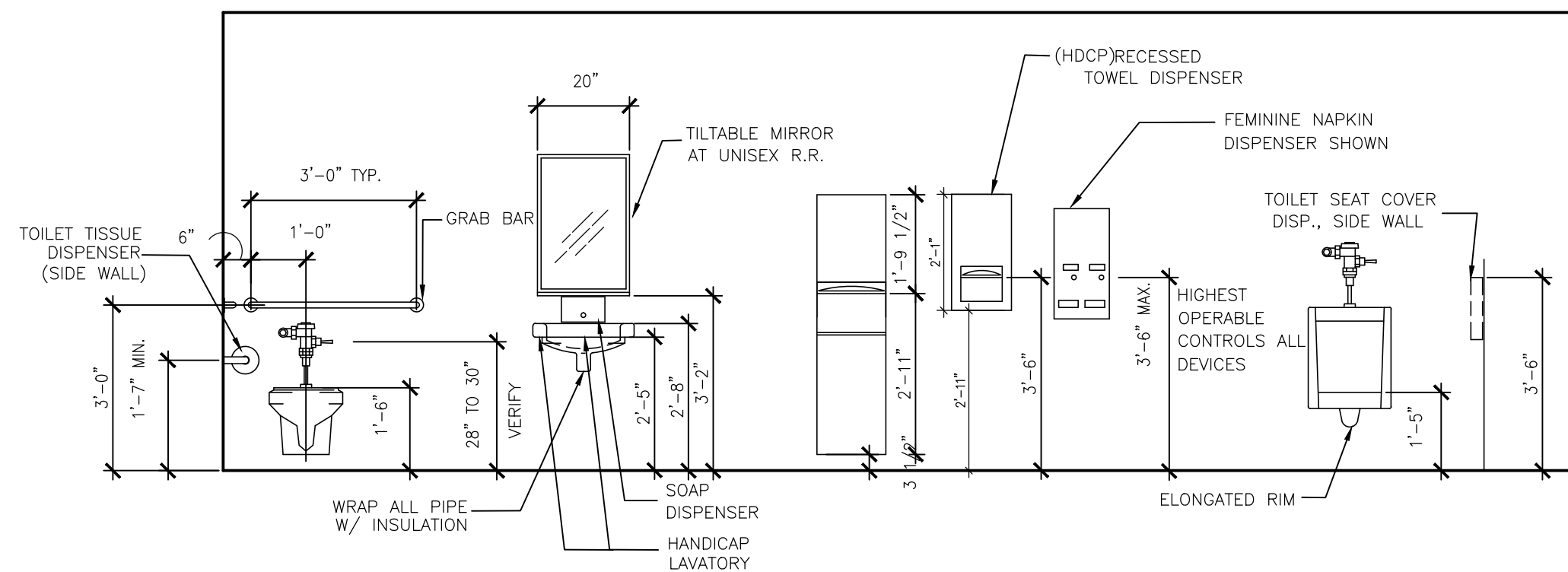


## ADMIN BUILDING PLUMBING RISER DIAGRAM

### ACCESSORIES SCHEDULE

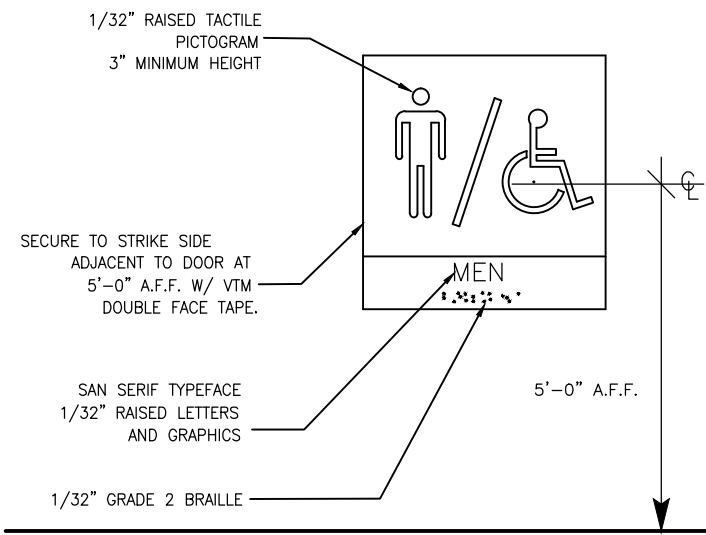
KEY	ITEM / DESCRIPTION	MANUFACTURER	MODEL NUMBER	REMARKS
101	RECESSED PAPER TOWEL DISPENSER & WASTE RECEPTACLE	BOBRICK	B-4369	SATIN FINISH STAINLESS STEEL MOUNTING HEIGHT 60" TOP OF UNIT
102	GRAB BAR	BOBRICK	B-5806 SERIES 36" X 1 1/4" DIAM.	
103	GRAB BAR	BOBRICK	B-5806 SERIES 42" X 1 1/4" DIAM.	
104	TOILET PAPER DISPENSER & SANITARY NAPKIN DISPOSAL	BOBRICK	B-3570	MOUNTING HEIGHT 35" TOP OF UNIT
105	POLISHED EDGE PLATE MIRROR			
106	MOP & BROOM HOLDER	BOBRICK	B 29X34	MOUNT TOP @ +60" A.F.F. CONTRACTOR TO PROVIDE BACKING
107	MULTIROLL SURFACE MOUNTED TOILET TISSUE DISPENSER	BOBRICK	B-6977	
108	SURFACE MOUNTED SOAP DISPENSER	BOBRICK	B-4112	

INSTALL TOILET ACCESSORIES IN ACCORDANCE WITH ADA MOUNTING HEIGHT REQUIREMENTS.  
C.L. = CENTER LINE



### 1 SINK SECTION DETAILS

1/2" = 1'-0"



### 10 TOILET ROOM SIGNAGE

NTS

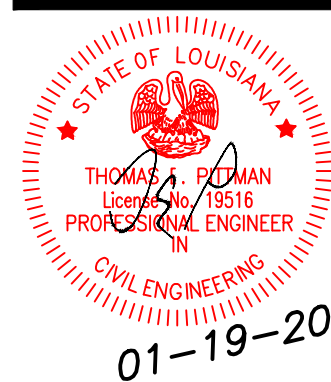
### ACCESSIBILITY REQUIREMENTS

GENERAL NOTE: IT IS THE INTENT OF THIS PROJECT TO MAKE THE PUBLIC RESTAURANT TOILETS COMPLY WITH THE REQUIREMENTS OF THE STATE & LOCAL ACCESSIBILITY STANDARDS AND THE FEDERAL ADA. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE THE FOLLOWING ITEMS COMPLY.

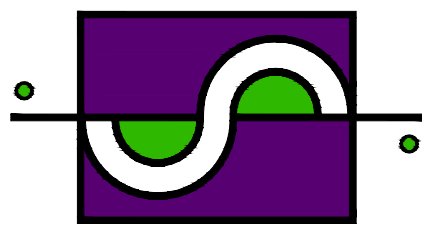
- 01) THE 3'-0" ENTRANCE DOORS MUST BE CAPABLE OF OPENING AT LEAST TO 90 DEGREES AND HAVING A CLEAR UNOBSTRUCTED OPENING WIDTH OF AT LEAST 32 INCHES WITH THE DOOR LEAF IN THE OPEN POSITION.
- 02) THE FLOOR OR LANDING SHALL BE NOT MORE THAN 1/2 INCH LOWER THAN THE THRESHOLD OF THE DOORWAY. CHANGE IN LEVEL BETWEEN 1/4 INCH AND 1/2 INCH SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1 TO 2.
- 03) THE MAXIMUM EFFORT TO OPERATE DOORS SHALL BE 5 LBS. FOR INTERIOR DOORS.
- 04) ALL SIGNS REQUIRED AND CALLED FOR ARE TO BE CITY, STATE, AND FEDERAL APPROVED.
- 05) THE HEIGHT OF ACCESSIBLE WATER CLOSETS SHALL BE A MINIMUM OF 17 INCHES AND A MAXIMUM OF 19 INCHES MEASURED TO THE TOP OF THE TOILET SEAT.
- 06) THE WATER CLOSET IS TO BE 18 INCHES FROM ITS CENTER LINE TO THE ADJACENT WALL.
- 07) TOILET FLUSH CONTROLS SHALL BE OPERABLE WITH ONE HAND, AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. CONTROLS FOR THE FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREAS, NO MORE THAN 44 INCHES ABOVE THE FINISHED FLOOR. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS.
- 08) THE ACCESSIBLE URINAL SHALL HAVE A RIM PROJECTING A MINIMUM OF 14 INCHES FROM THE WALL AND BE AT A MAXIMUM OF 17 INCHES ABOVE THE FLOOR. URINAL FLUSH CONTROLS SHALL BE OPERABLE WITH ONE HAND, AND SHALL BE NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS.

- 09) LAVATORIES SHALL BE MOUNTED WITH A CLEARANCE OF AT LEAST 29 INCHES FROM THE FLOOR TO THE BOTTOM OF THE APRON WITH A KNEE CLEARANCE UNDER THE FRONT LIP EXTENDING A MINIMUM OF 30 INCHES IN WIDTH WITH 8 INCHES HIGH FROM THE FLOOR AND A MINIMUM OF 17 INCHES DEEP FROM THE FRONT OF THE LAVATORY. A PROJECTION OF A LAVATORY BOWL INTO THE 8 INCH CLEAR SPACE, THEREBY REDUCING THE CLEAR HEIGHT BELOW THE LAVATORY TO NO LESS THAN 27 INCHES AT 8 INCHES BACK FROM THE APRON, MEETS THE REQUIREMENT FOR PROVIDING KNEE CLEARANCE. THERE IS TO BE A MAXIMUM HEIGHT OF 34 INCHES TO THE TOP OF THE LAVATORY. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER THE LAVATORY. FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS.
- 10) MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE NOT MORE THAN 38 INCHES ABOVE FINISHED FLOOR.
- 11) LOCATE TOWEL, SANITARY NAPKIN, AND WASTE RECEPTACLES WITH ALL OPERABLE PARTS NOT MORE THAN 48 INCHES ABOVE FINISHED FLOOR.
- 12) LOCATE TOILET TISSUE DISPENSERS ON THE WALL WITHIN 36 INCHES OF THE REAR WALL. DISPENSER MUST ALLOW CONTINUOUS PAPER FLOW AND MUST NOT CONTROL DELIVERY OF PAPER.
- 13) GRAB BARS, FASTENERS, AND MOUNTING DEVICES SHALL BE DESIGNED FOR 250 POUNDS PER LINEAR FOOT LOAD. GRAB BARS AT THE SIDE AND BACK OF THE PHYSICALLY DISABLED TOILET STALL SHALL BE SECURELY ATTACHED 33 INCHES ABOVE AND PARALLEL TO THE FLOOR. GRAB BAR AT THE SIDE SHALL BE AT LEAST 42 INCHES LONG WITH THE FRONT END POSITIONED AT LEAST 54 INCHES FROM THE REAR WALL. GRAB BAR AT THE BACK SHALL BE NOT LESS THAN 36 INCHES LONG AND BE POSITIONED NO MORE THAN 6 INCHES FROM THE SIDE WALL. THE DIAMETER OF A GRAB BAR SHALL BE 1-1/4 INCH TO 1-1/2 INCH AND SHALL NOT ROTATE IN THEIR FITTINGS.

ADMIN/DAYCARE BUILDINGS  
SENTINO EARLY CHILDHOOD ACADEMY TOO  
10100 MORRISON ROAD  
NEW ORLEANS, LA  
ORLEANS PARISH



**SPECTRUM  
DESIGNS, LLC**  
2439 MANHATTAN BLVD. SUITE 209  
SUITE 209 - HARVEY, LA 70058  
(504) 366 - 0710  
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Date: 06-02-2021  
Drawn: LG  
Checked: TEP

Sheet Title:  
**RESTROOM PLAN  
& SPECIFICATIONS**

Drawing No.





## DESIGN CRITERIA:

PROJECT NAME: **MOBILE MODULAR - MM2468-20**  
BUILDING SQ. FOOTAGE: 1504 SQ. FT.  
2011 NEC  
2012 IBC  
2012 IMC  
2013 LSPC  
ASHRAE 90.1-2007  
2010 ADAAG  
2012 NFPA LS-101

USE GROUP: E  
CONSTRUCTION TYPE: IBC: V-B  
OCCUPANT LOAD: 65  
PERMISSIBLE GAS TYPE: ☐ LP ☐ NATURAL ☒ N/A

## DESIGN LOADS:

ROOF LIVE LOAD: 20 PSF  
FLOOR LIVE LOAD: 50 PSF  
CONC. FLOOR LIVE LOAD: 1000 LBS  
WIND LOAD: (170 MPH)  
EXPOSURE: C  
SEISMIC DESIGN CATEGORY: B

## SPECIAL CONDITIONS AND / OR LIMITATIONS:

- HANDICAP ACCESS & SIGNAGE TO BE PROVIDED AS REQUIRED BY OTHERS AS APPLICABLE.
- THE BUILDING IS TO BE LOCATED PER THE REQUIREMENTS OF TABLE 602 OF THE 2012 IBC
- ANY REQUIRED ALARM SYSTEM SHALL BE INSTALLED ON-SITE BY OTHERS.
- THE OWNER SHALL BE RESPONSIBLE TO INSTALL AN APPROVED AND LISTED COMPONENT IN ACCORDANCE WITH ASTM E1886 & E1996 FOR THE PROTECTION OF ALL GLAZED OPENINGS WHEN THIS STRUCTURE IS LOCATED IN A WIND BORNE DEBRIS REGION IN ACCORDANCE WITH IBC SECTION 1609.1.2 PRIOR TO FINAL INSPECTION AND OCCUPANCY.

## FOUNDATION NOTES:

- FOUNDATION AND ANCHORING ARE SUBJECT TO ACCEPTANCE AND INSPECTION BY LOCAL AUTHORITY HAVING JURISDICTION.
- TIE-DOWN ANCHORING: SEE SHEET S-2
- CRAWL SPACE VENTILATION TO BE PROVIDED BY OTHERS ON-SITE PER 1203.3.1 OF THE 2012 IBC

## SCOPE OF WORK

### NOT INCLUDED IN THE SCOPE OF WORK

- UTILITIES AND UTILITY CONNECTIONS.
- POURED CONCRETE (DRIVEWAY, SIDEWALK, SLABS, FOOTINGS, ETC).
- SITE PREPARATION.
- TAX OF ANY KIND.
- BUILDING PERMITS.

### SITE WORK

- OWNER IS TO EXAMINE THE SITE AND SHALL VERIFY ALL EXISTING CONDITIONS. NO PROVISION FOR SITE WORK HAS BEEN INCLUDED. IT IS PRESUMED THAT THE SITE WILL PROVIDE CLEAR ACCESS FOR TRUCKS AND MODULARS.
- ALL ELECTRICAL, PLUMBING, SEWER & GAS SERVICE CONNECTIONS AND ALL CONCRETE WORK AT THE SITE, TO INCLUDE POURED PIERS, FOUNDATIONS, SLABS, SIDEWALKS, DRIVEWAYS OF WHATEVER KIND ARE THE RESPONSIBILITY OF THE OWNER.

## IDENTIFICATION:

STATE DECAL: **TDLR DECAL AND DATA PLATE PLACED IN PANEL BOX; OR PLACE ABOVE CEILING ON HITCH END (IF NO PANEL IS ON UNIT)**  
DECAL: **MOBILE MODULAR (PLACED ON HVAC)**

## FRAME / CHASSIS:

OUTRIGGERS: 96" O.C. W/ FRAME CLIPS @ 96" O.C.  
CROSSMEMBERS: 48" O.C.  
BEAM: 12" JR. I-BEAM (99-1/2" CENTERS)  
HITCH: DETACHABLE HITCH  
AXLES: QUAD = (2) BRAKE & (2) IDLER  
TIRES: G (14-PLY)  
FRAME: MEDIUM

## FLOOR:

BOTTOM BOARD: ROLL POLYETHYLENE FIBER MESH  
INSULATION: R-22 UNFACED (FORMALDEHYDE FREE)  
JOISTS: 2x6 No. 2 SYP OR BTR AT 16" O.C.  
SIDEBOARD JOISTS: DOUBLE 2x6 SYP No. 2 OR EQUAL  
OUTER MOST SIDEBOARD IS PRESSURE TREATED  
DECKING: 3/4" T&G EDGE GOLD  
FLOOR COVER: 1/8" TILE #51858 - SAND DRIFT WHITE  
ALL TILE TO BE LAIN THE SAME DIRECTION; NOT STAGGERED  
COVE BASE: 4" VINYL ST-038 - PEWTER  
6" VINYL @ RESTROOMS

## EXTERIOR WALLS:

SIDEWALL HEIGHT: 8'1-1/2" MIN.  
STUDS: 2x4 No. 2 SYP OR BTR AT 16" O.C.  
1x2 BELTRAIL @ 36" O.C. @ SIDEWALLS ONLY  
BOTTOM PLATE: SNGL 2x4 SYP No. 2 OR BTR  
TOP PLATE: DBL 2x4 SYP No. 2 OR BTR  
HEADERS: DOUBLE 2x4 SYP WITH 1/2" PLYWOOD FILLER  
FIRE BLOCKS: 2x MIN. AT CLG LINE AS REQ'D.  
INSULATION: R-15 FACED (FORMALDEHYDE FREE)  
SHEATHING: WEYERHAUSER OR EQUIV. (FULL PERIMETER) & 7/16" OSB @ ENDWALLS ONLY

SIDING: 0.149 26GA R-PANEL LIGHT STONE  
EXT TRIM: 26GA R-PANEL - BOTTOM, CORNERS, WINDOWS, & DOORS  
LIGHT STONE  
COCOA BROWN @ RAKE & EAVE TRIM  
HOLD BOTTOM TRIM UP 1/2" FROM BOTTOM EDGE  
SKIRTING: NONE

## INTERIOR WALLS:

WALL HEIGHT: CENTER WALL ONLY TO BE FULL HEIGHT TO UNDERSIDE OF RAFTERS  
RESTROOM WALLS @ 7'-11" A.F.F.  
STUDS: 2x4 SYP No. 2 OR BTR AT 16" O.C.  
BOTTOM PLATE: SNGL 2x4 SYP No. 2 OR BTR  
TOP PLATE: DBL 2x4 SYP No. 2 OR BTR  
HEADERS: SINGLE 2x4 FLAT  
FIRE BLOCKS: 2x MIN. AT CLG LINE AS REQ'D.  
COVERING: 1/2" V.C.G. HAMPTON GRAY  
(NO HOLD BACKS @ MATELINES)  
TRIM: STD. V.C.G. - 1" VC BATTENS  
3" TRI-MOLD @ INSIDE & OUTSIDE CORNERS  
1-1/2" VC BATT. @ TOP & WINDOW TRIM  
INSTALL CEILING FLAT 1-1/2" TRIM @ PARTITIONS  
FRP: (WHITE) 4" TALL - BEHIND & ALONG SIDE OF W.C.  
INSULATION: R-11 UNFACED @ CENTER WALL ONLY

## WINDOWS:

SIZE/TYPE 2: [04] 3/10 X 3/4 H.S. VINYL (CLAY) / E66 LOW E / DUAL INSULATED  
BRAND: KRESTMARK

INSTALL W/ BUTYL TAPE & 1-5/8" ZINC DECK SCREWS  
NO NAILS ARE PERMITTED FOR WINDOW INSTALLATION

## DOORS:

EXTERIOR: [02] 36"x80" TELSTAR PRO W/ BRONZE ALUMINUM FRAME, 12x12 SAFETY PANE & OBSCURE FILM  
COLOR: (BOTH SIDES) TIOGA BRONZE  
EXTERIOR HARDWARE: GRADE II 'TELL'  
[02] LG2795 INTERCONNECTING LEVER W/ DEADBOLT  
[02] HYD. CLOSER NORTON 1601-BFXAL  
[02] BOTTOM SWEEP  
INSTALL W/ BUTYL TAPE & 1-5/8" ZINC DECK SCREWS  
NO NAILS ARE PERMITTED FOR DOOR INSTALLATION  
INTERIOR: [02] 36"x80" LEGACY WALNUT - HOLLOW CORE (2-3/4" BACKSET FOR HARDWARE)  
INTERIOR HARDWARE: GRADE II 'TELL'  
[02] PRIVACY LEVER  
REDI-FRAME (BRONZE STEEL)  
MISC: [02] FLOOR MTD. DOOR STOPS

## ROOF:

RAFTERS: 2x8 #2 SYP OR BTR @ 24" O.C.  
RIM MBR: SNGL 2x8 SYP #2  
RIDGE BEAM: 3 LAYER - 28" HEIGHT & 64" LENGTH  
CEILING: 2"x4" VINYL TILE LAYIN @ 7'-11" A.F.F.  
ARMSTRONG #2910 RANDOM FISSURED TILE  
ARMSTRONG PRELUDE XL WHITE GRID  
(MAIN TEES TO RUN FULL LENGTH @ 48" O.C.)  
(CEILING TO 'FLOAT' OVER RESTROOM WALLS)  
INSULATION: R-38C UNFACED (FORMALDEHYDE FREE)  
SHEATHING: (1) LAYER 15# FELT OR EQUIV. OVER 1/2" CDX PLYWOOD W/ H-CLIPS  
ROOFING: 0.130 29GA GALVALUME HI-RIB STEEL (144")  
3" EAVE OVERHANG @ EAVE (2.75 IN 12 PITCH)  
MISC: INSTALL PEAK BOX (144" PANEL LENGTH)  
NOTE: 12" MODLINE ROOF-FLASHING (4" DOWN)  
"CHRISTMAS FOLD" METAL @ ENDWALL ENDS  
APPLY SILICONE @ RAKE TRIM TO ROOF TRANSITION

## ELECTRICAL:

SERVICE: 120/240V SINGLE PHASE  
LOAD CENTER: [01] 200 AMP, EXT. MOUNT LOAD CTR. W/ 150 AMP MAIN (NEMA-3R)  
MODEL: CUTLER HAMMER: BR1224N200R W/ BW2150  
ENTRANCE: ON-SITE BY OTHERS  
WIRING: MC CABLE W/ #12 WIRE  
LIGHTS: [02] 24" T-8 2 TUBE FLOURESCENT TROFFERS W/ DIFFUSED LENS  
[12] 48" T-8 4 TUBE FLOURESCENT TROFFERS W/ DIFFUSED LENS  
[02] PORCH LT. W/ PHOTO-CELL FLUORESCENT  
[02] EMERGENCY/EXIT LIGHT W/ BATTERY BACKUP  
FANS: [02] 110CFM EXHAUST FAN  
RECEPTS: [14] STD. 120V DUPLEX RECEPTACLES  
[01] W.P. EXT. GFCI 120V RECEPTACLE  
[01] EXT. GFCI 120V HEAT TAPE RECEPTACLE  
SWITCHES: SEE SHEET E-1  
ELECTRICAL DEVICES & COVER PLATES: IVORY  
J-BOXES: [02] 4x4x2 EMPTY BOX W/ 3/4" EMT STUBBED UP ABOVE CEILING & DOWN BELOW FLOOR  
[08] 4x4x2 EMPTY BOX W/ 3/4" EMT STUBBED ABOVE CEILING (FUTURE FIRE ALARM)  
[02] 2x4 WIRED J-BOXES  
[03] 2x4x2 EXTERIOR NEMA 3R RECESSED J-BOX W/ WATER PROOF COVER  
[01] 12x12x4 J-BOX MTD. ABOVE CEILING  
MISC: [05] 8x8x4 BOXES TO RUN WIRE THROUGH  
NOTE: THE GROUNDING ON-SITE IS TO BE IN ACCORDANCE WITH NEC 250-50.

## PLUMBING:

WATER SUPPLY: TYPE 'L' COPPER  
(ALL SUPPLY WATER LINES SHALL BE WRAPPED WITH FOAM INSULATION. ALL PLUMBING IN FLOOR SHALL BE RAN ABOVE FLOOR INSULATION)  
WASTE: PVC SCHEDULE 40 [MULTIPLE DROPS]  
WATER HEATER: [01] EEMAX EX55TML  
INSTALL RED DISCONNECT SWITCH  
W.C.: BRIGGS 4878-130  
L.H. TANK: BRIGGS 4440-130  
R.H. TANK: BRIGGS 4442-130  
WATER CLOSET: [02] H.CAP ELONGATED BOWL W/ TANK  
LAVATORY: [02] WALL HUNG AT HANDICAP HT. W/ DUAL LEVER FAUCET.  
INSULATE HOT SUPPLY AND DRAIN TAILPIECE  
GERBER #12-654  
SINKS: N/A  
MISC: [02] SETS OF S.S. HORIZONTAL GRAB BARS  
[02] 18" VERTICAL GRAB BARS  
[02] T.P. HOLDERS, [02] FRAMED MIRRORS  
[02] FLOOR DRAINS W/ TRAP GUARD  
A SERVICE SINK SHALL BE AVAILABLE ON-SITE OR BE SUPPLIED & INSTALLED BY OTHERS AS REQUIRED BY LOCAL OFFICIALS.  
DRINKING FOUNTAIN SHALL BE AVAILABLE ON-SITE OR BE SUPPLIED & INSTALLED BY OTHERS AS REQUIRED BY LOCAL OFFICIALS.  
ALL FIXTURE MOUNTING HEIGHTS PER T.A.S.

## HVAC:

HVAC: [02] 3-TON WALL MTD. WITH 10 KW HEAT STRIP W/ COMMERCIAL ROOM VENTILATOR (CRV)  
BARD MODEL #: W36A1-A10V - BEIGE  
[02] 60A EXTERIOR DISCONNECT  
THERMOSTAT: [02] PROGRAMMABLE (ROBERT SHAW #RS5110)  
DUCTS: FIBERGLASS (R-6 SUPPLY ONLY)  
SUPPLY: 24"x24" ADJUSTABLE DAMPERS (SHOEMAKER 104 SERIES OR EQUAL, 4-WAY STAMPED, CURVED BLADE, W/ 12x12 FACE)  
[08] 10" SCOOPS W/ COLLAR  
RETURN-AIR: ABOVE PLENUM WALL W/ JUMP DUCTS & FLEX  
NOTE: FRESH AIR VENTILATION IS PROVIDED THRU MANUAL AIR DAMPER IN THE HVAC SYSTEM.

## FURNITURE OR MISC:

MISC: [02] 11x11 CORK BOARDS  
[04] 8"x4" MARKER BOARDS  
[02] 5# WALL MOUNTED FIRE EXTINGUISHERS WITH THE LOUISIANA INDUSTRIALIZED BUILDING ACT CERTIFICATION TAG (SHIPOOSE)  
ADDITIONAL SHIPOOSE  
[01] BOX OF BLACK 12" PEEL & SEAM TAPE

## DRAWING INDEX:

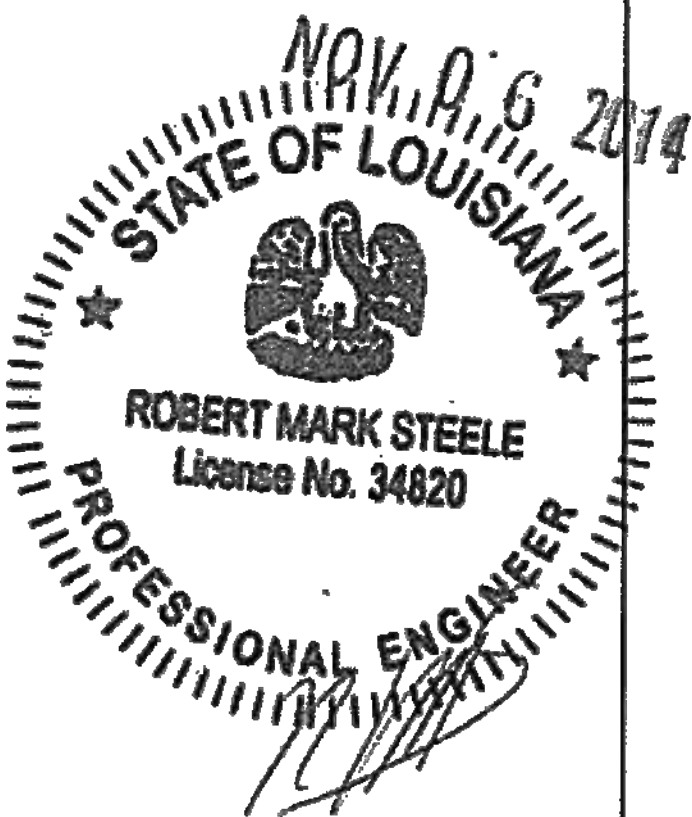
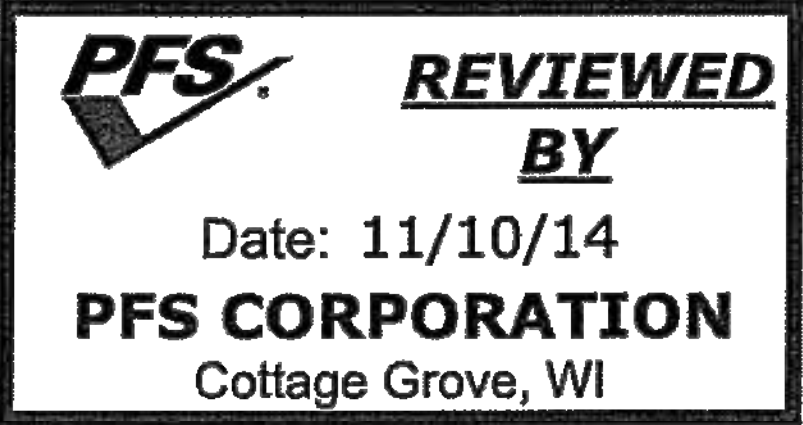
COVER SHEET / SPECIFICATIONS  
ENERGY DESIGN INFORMATION  
FLOOR PLAN  
CROSS-SECTION  
EXTERIOR ELEVATION  
HVAC LAYOUT  
ELECTRICAL  
PANE BOX & ELEC. CALCS  
PLUMBING  
RIDGE BEAM  
BLOCKING & HITCH PLAN  
HEAT LOSS CALCULATIONS  
SEE ATTACHED

THIS DRAWING IS PROPERTY OF AMTEX CORP. AND CANNOT BE DISTRIBUTED WITHOUT MANUFACTURERS CONSENT.		PFS CORPORATION		PROJECT: MOBILE MODULAR		TITLE: COVER SHEET / SPECIFICATIONS		MARK STEELE, P.E. 5139 N. TOM MURRAY AVE. GLENDALE, AZ. 85301 P# 602.385.2173	
LTR	REVISION	DATE	BY	DATE	SCALE	DWG. NO.	SHEET	AMTEX	
		6/5/14			N.T.S.	MM2468-20	A-1	832 EAST WALNUT GARLAND, TX 75040 P: 972.276.7626 / F: 972.526.0457	



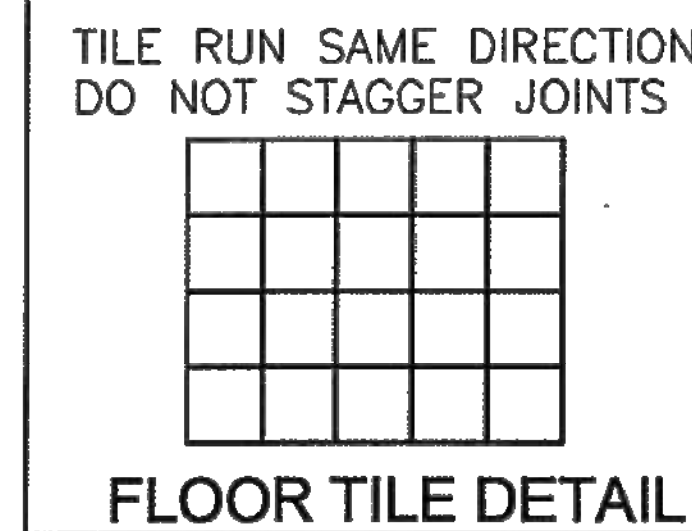
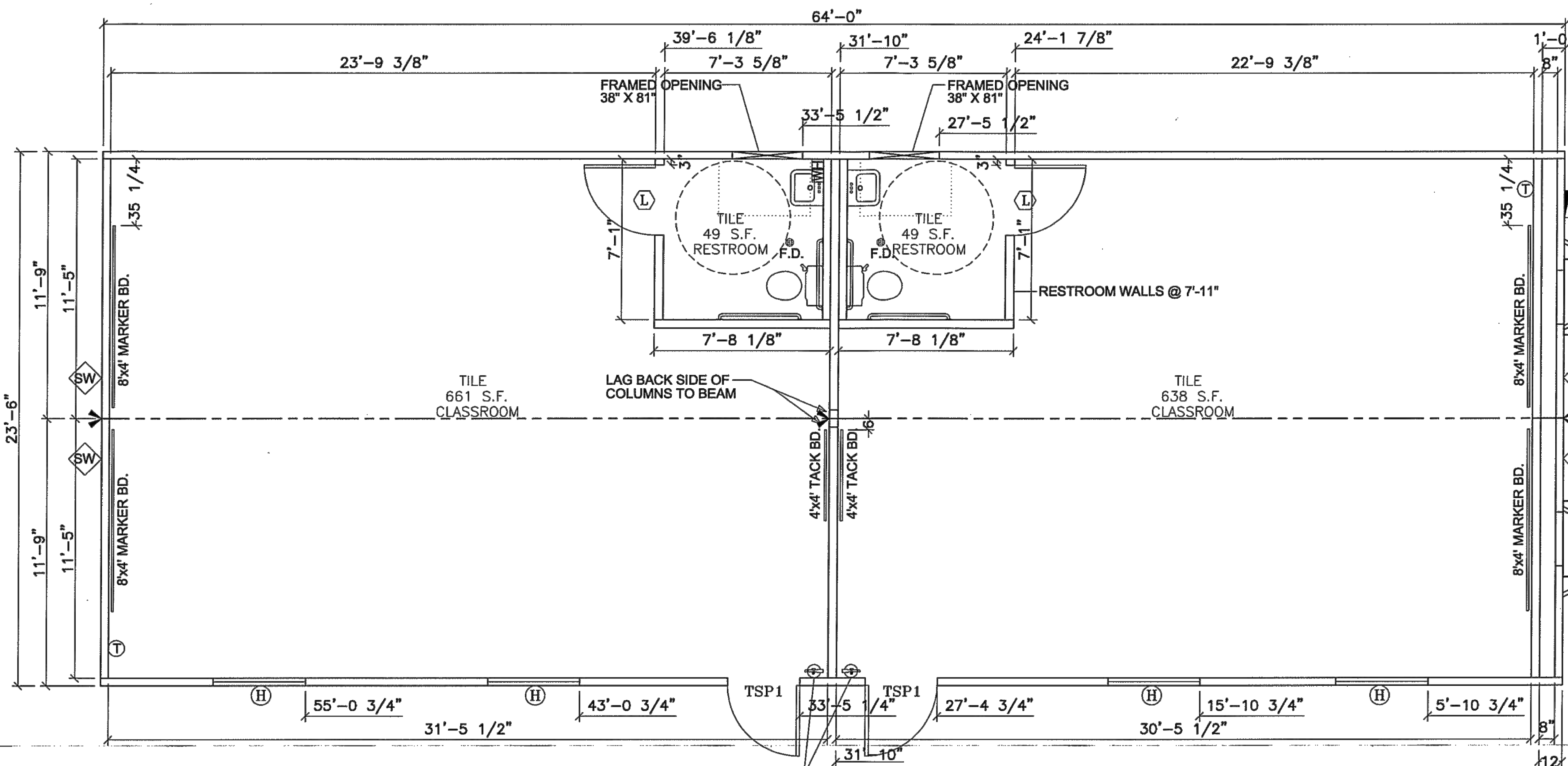
ENERGY DESIGN INFORMATION:

CLIMATE ZONE: 3a window and glazed door area 10 percent or less  
HDD [HEATING DEGREE DAYS]: 1810  
R-VALUES TO COMPLY WITH TABLE: 502.2(1)  
ACTUAL INSULATION R-VALUES IN BUILDING:  
CEILING: ALL WOOD JOIST / TRUSS - R-38C  
FLOOR: ALL WOOD JOIST / TRUSS - R-22  
WALLS WOOD FRAME, ANY SPACING - R-15  
WINDOW U-FACTOR: 0.34  
WINDOW SHGC: 0.31  
GLASS DOOR U-FACTOR: 0.00  
GLASS DOOR SHGC: 0.00  
SOLID DOOR U-FACTOR: 0.60  
SWITCHING SCHEMES SHALL BE PER ELECTRICAL PLAN  
LIGHT FIXTURES: 2'x2' U-TUBE T-8 W/ ELEC. BALLAST AT 32 WATTS  
INPUT WATTAGE: 30 WATTS  
2'x4' 4-TUBE T-8 W/ ELEC. BALLAST AT 122 WATTS  
INPUT WATTAGE: 122 WATTS  
PORCH LIGHT FLUORESCENT W/ ELEC. BALLAST AT 13 WATTS  
EMERGENCY/EXIT LIGHT 18 WATT INCANDESCENT  
  
EQUIPMENT EFFICIENCIES: HVAC MUST COMPLY WITH SECTION 503  
AND TABLE 503.2.3(1) OF THE 2009 IECC [MIN. 9 EER].  
WATER HEATING COMPONENTS SHALL BE PER SECTION 504 AND  
TABLE 504.2 OF THE 2009 IECC TO BE CONSISTENT WITH THE  
NATIONAL APPLIANCE ENERGY CONSERVATION ACT OF 1987.  
SYSTEM CONTROLS: HEATING AND COOLING SYSTEMS SHALL  
BE PROVIDED WITH PROGRAMMABLE THERMOSTAT PER  
SECTION 503.2.4.1 OF THE 2009 IECC.  
OUTDOOR AIR VENTILATION RATES SHALL COMPLY WITH  
TABLE 403.3 OF THE 2012 IMC: 20 CFM PER PERSON  
DUCT INSULATION SHALL COMPLY WITH SECTION 503.2.7 OF  
THE 2009 IECC:  
R-5 INSULATION WHEN LOCATED IN UNCONDITIONED SPACE  
R-8-INSULATION WHEN LOCATED OUTSIDE BUILDING ENVELOPE  
DUCT SEALING MUST COMPLY WITH SECTION 503.2.7 OF  
THE 2009 IECC.



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LTR	REVISION	BY	DATE	DATE: 6/5/14	SCALE: N.T.S.	DWG. NO. MM2468-20	SHEET A-1.1
							AMTEX CORP. 832 EAST WALNUT GARLAND, TX 75040 P: 972.276.7626 / F: 972.526.0457





- NOTE:**
1. R-11 UNFACED INSULATION IN ALL CENTER WALL.
  2. INTERIOR CENTER WALL TO BE FULL HEIGHT.
  3. PLACE ALL MARKER BOARDS UP 34" A.F.F.
  4. PLACE ALL TACK BOARDS UP 34" A.F.F.

SCHEDULE \ LEGEND			
KEY	ITEM DESCRIPTION	SIZE	ROUGH OPENING
TSP1	36" X 80" TELSTAR PRO W/ 12X12 PANE	36X80	38" X 81"
(H)	3/10x3/4 KRESTMARK-H.S. VINYL/LOW E DUAL INSULATED W/ MINIBLINDS	3/10x3/4	46" X 40" UP 41" HEADER @ 81"
SW	= SHEARWALL		

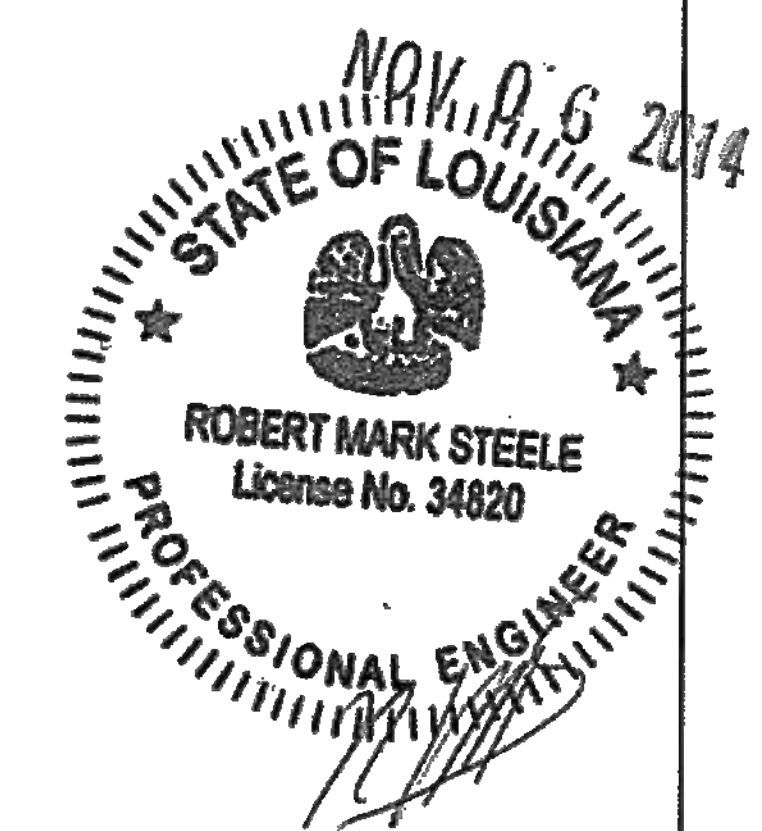
➤ = MINIMUM 3-2x4 STUD SYP No. 2 COLUMNS WITH MIN. 3-18ga X 1-1/4" (SIMPSON CS-18) STRAPS FASTENED WITH MINIMUM 9-EACH #8 SCREWS EACH END OF EACH STRAP.

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Date: 11/10/14

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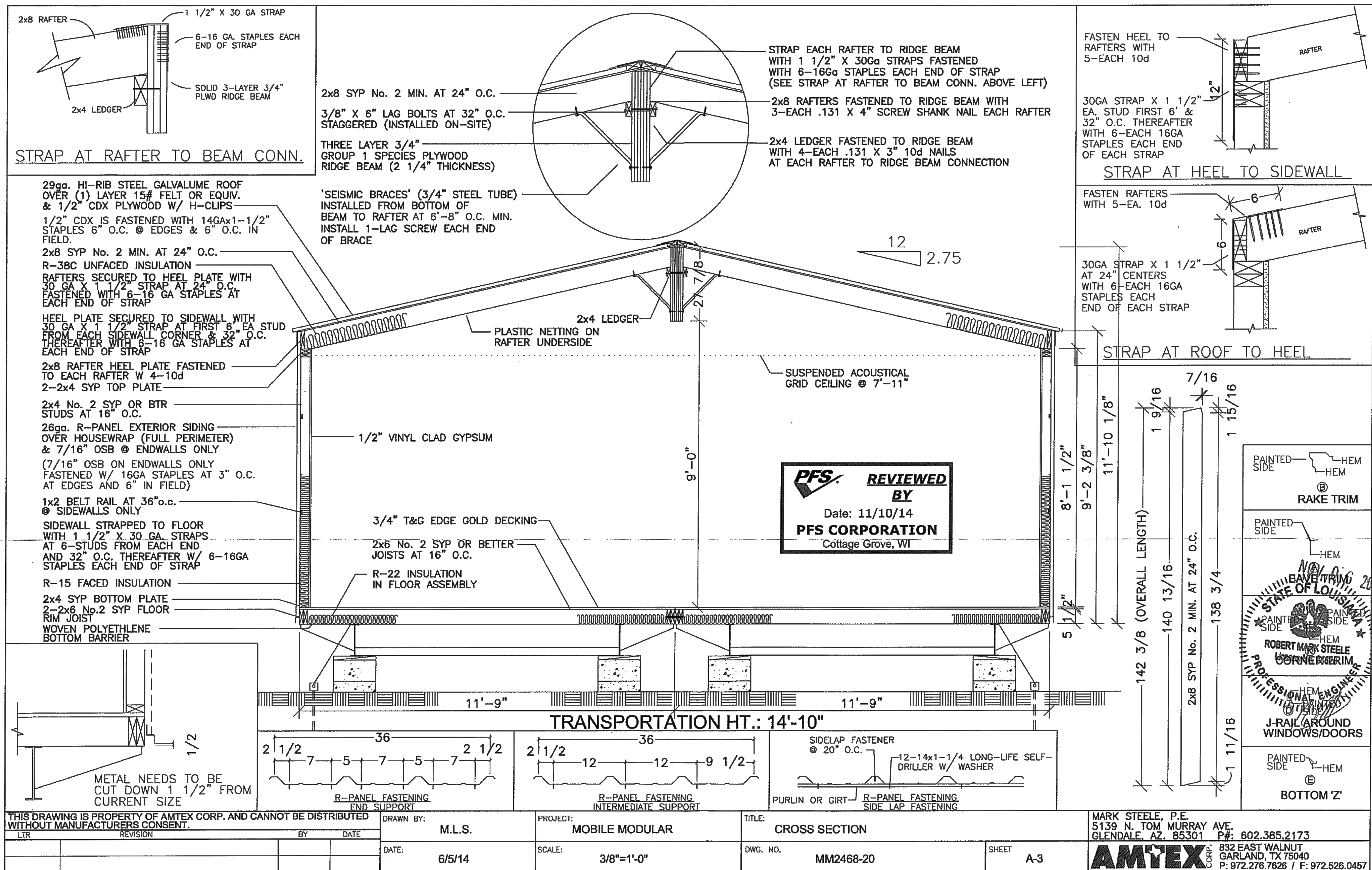
Cottage Grove, WI



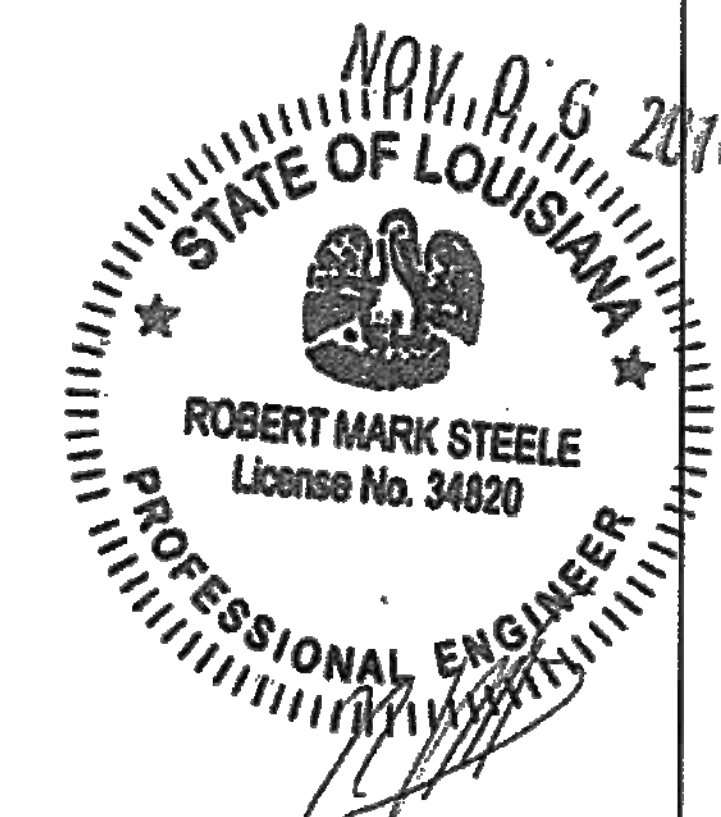
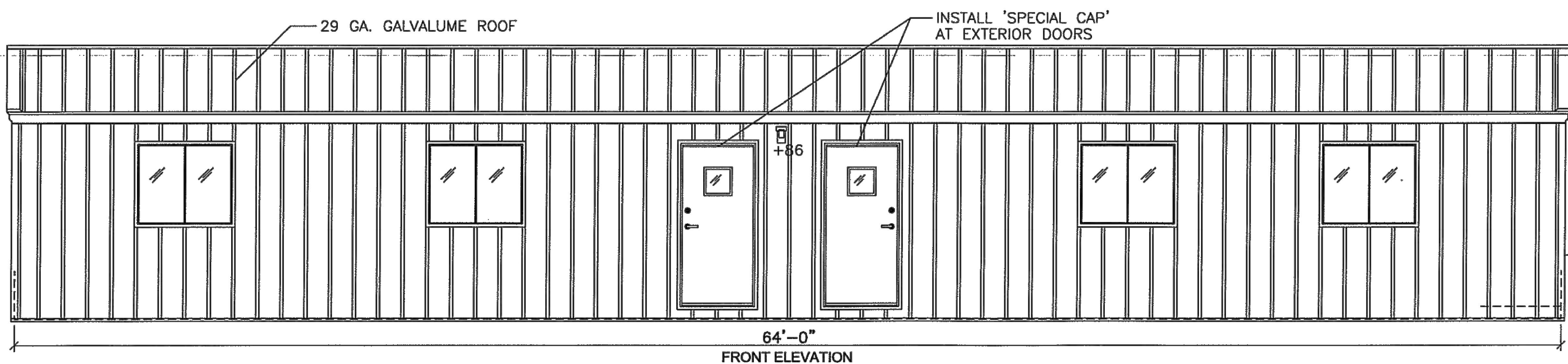
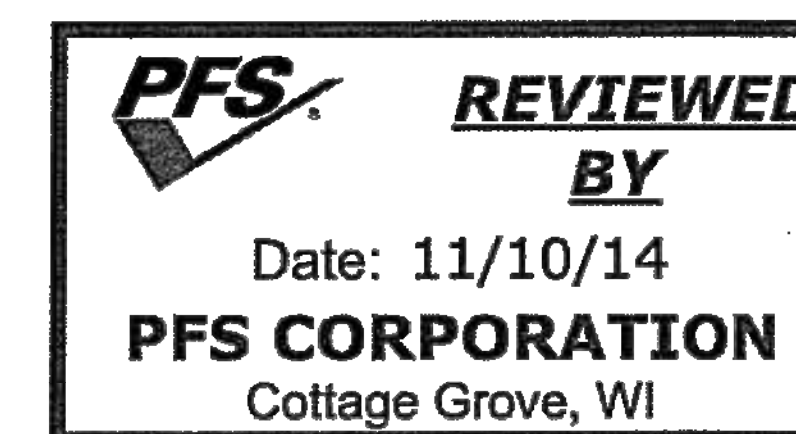
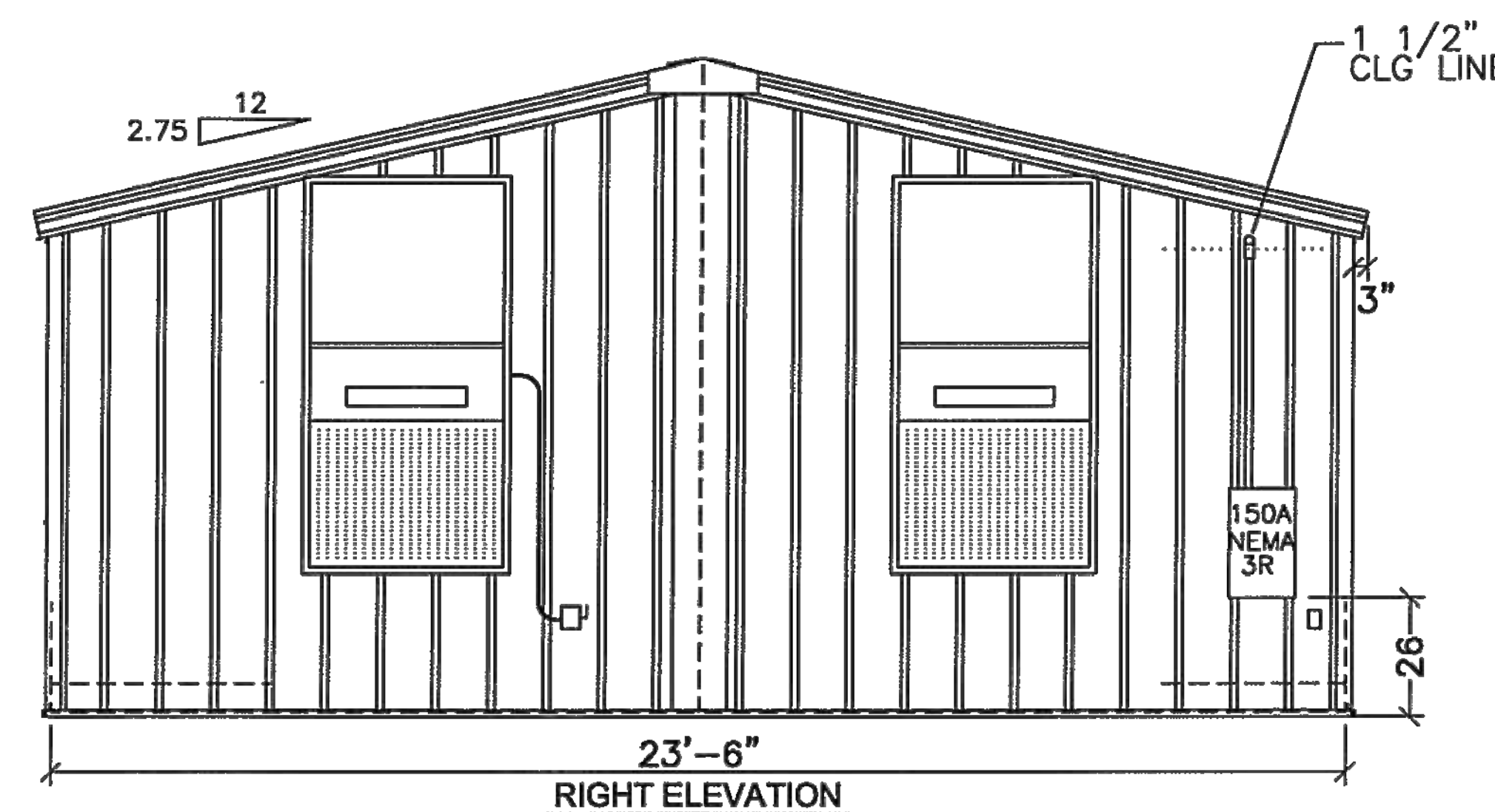
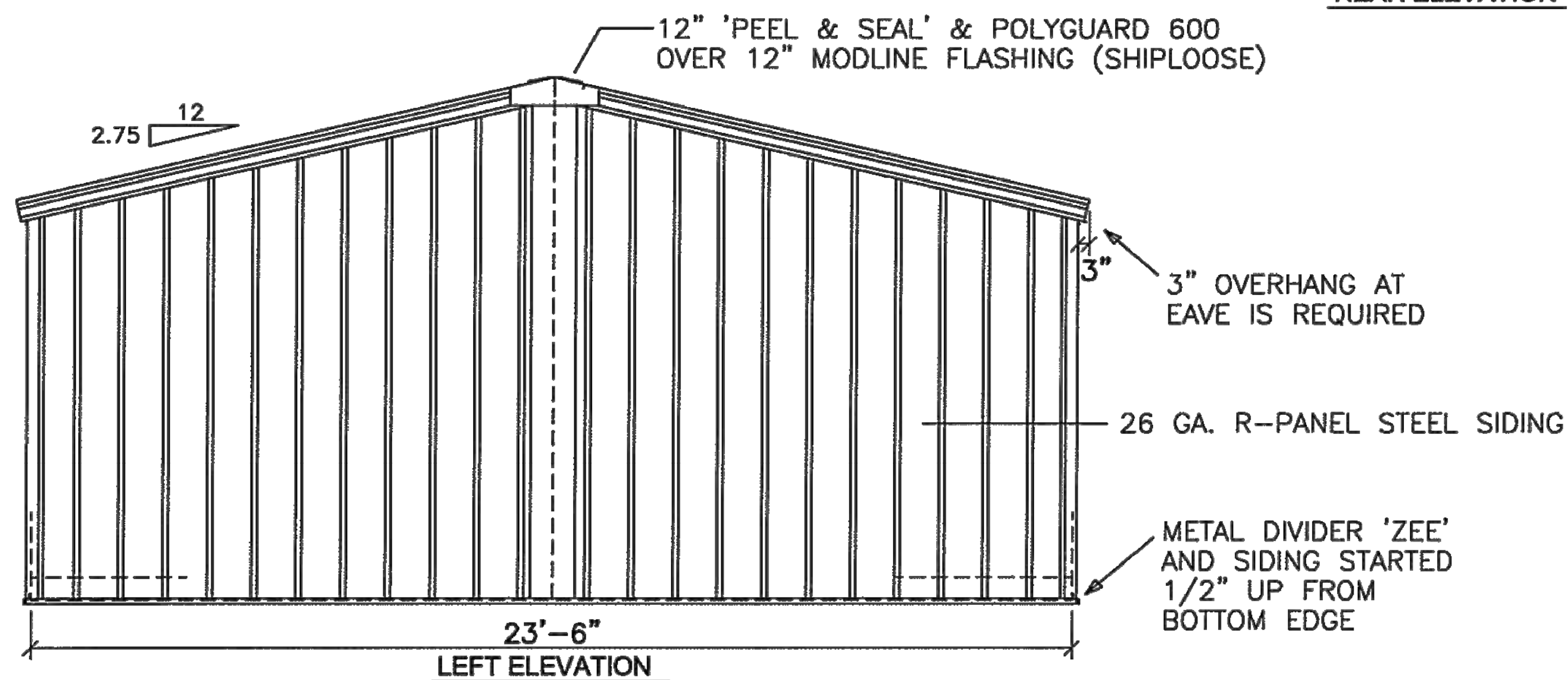
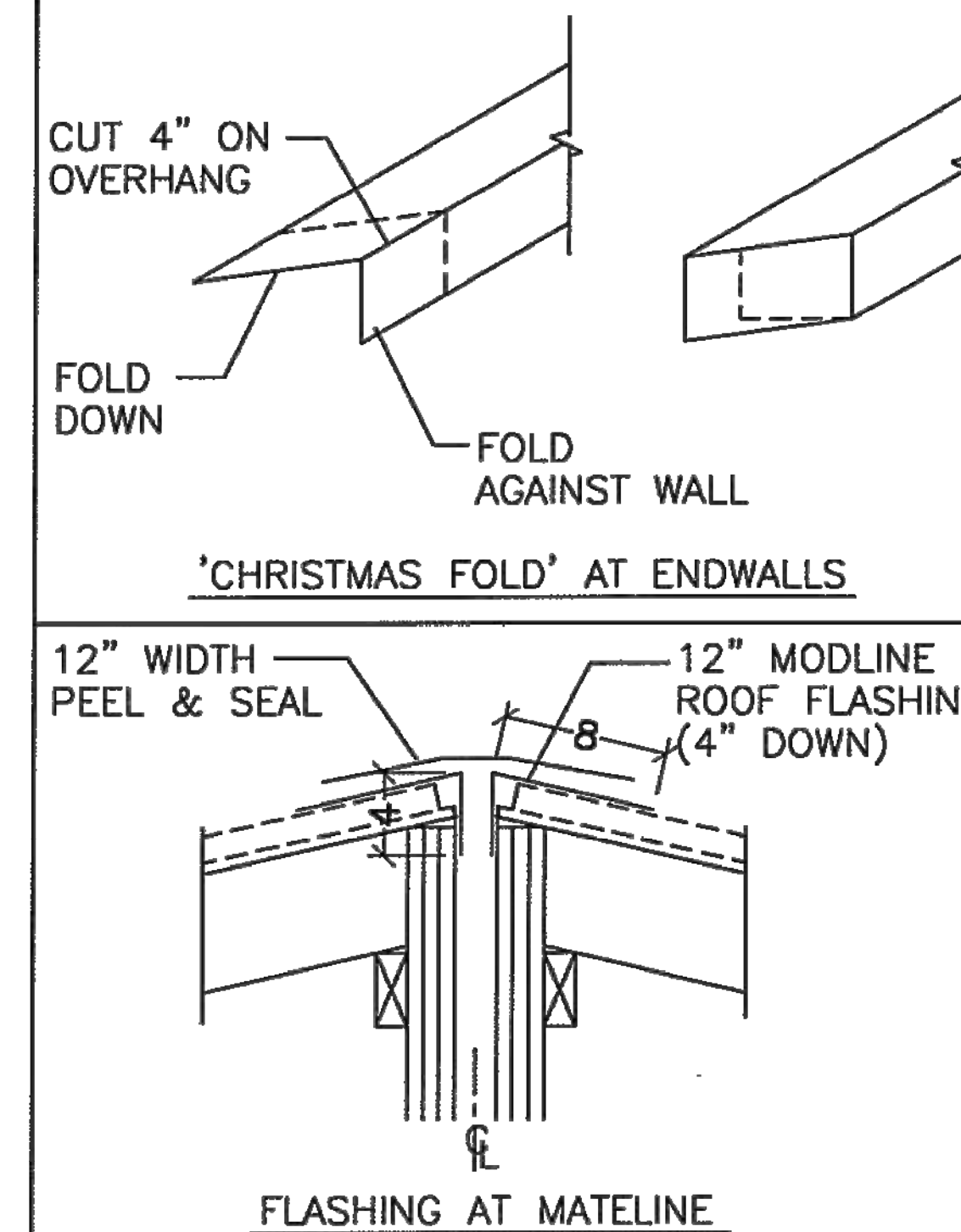
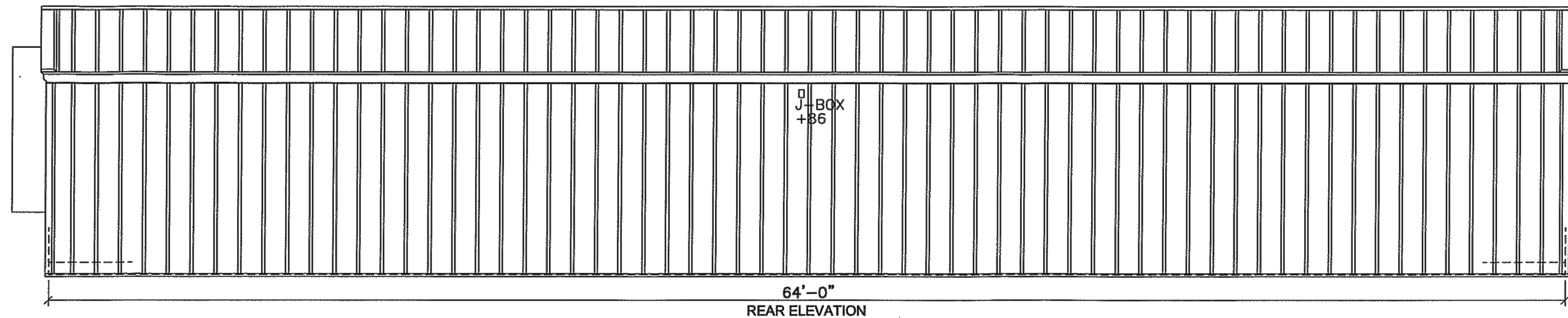
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LTR	REVISION	BY	DATE	DATE:	6/5/14	SCALE:	3/16"=1'-0"	DWG. NO.	MM2468-20	SHEET	A-2	<b>AMTEX</b> CORP.	

832 EAST WALNUT  
GARLAND, TX 75040  
P: 972.276.7626 / F: 972.526.0457









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LTR	REVISION	BY	DATE

DRAWN BY: M.L.S.

DATE: 6/5/14

PROJECT: MOBILE MODULAR

SCALE: 3/16"=1'-0"

TITLE: EXTERIOR ELEVATION

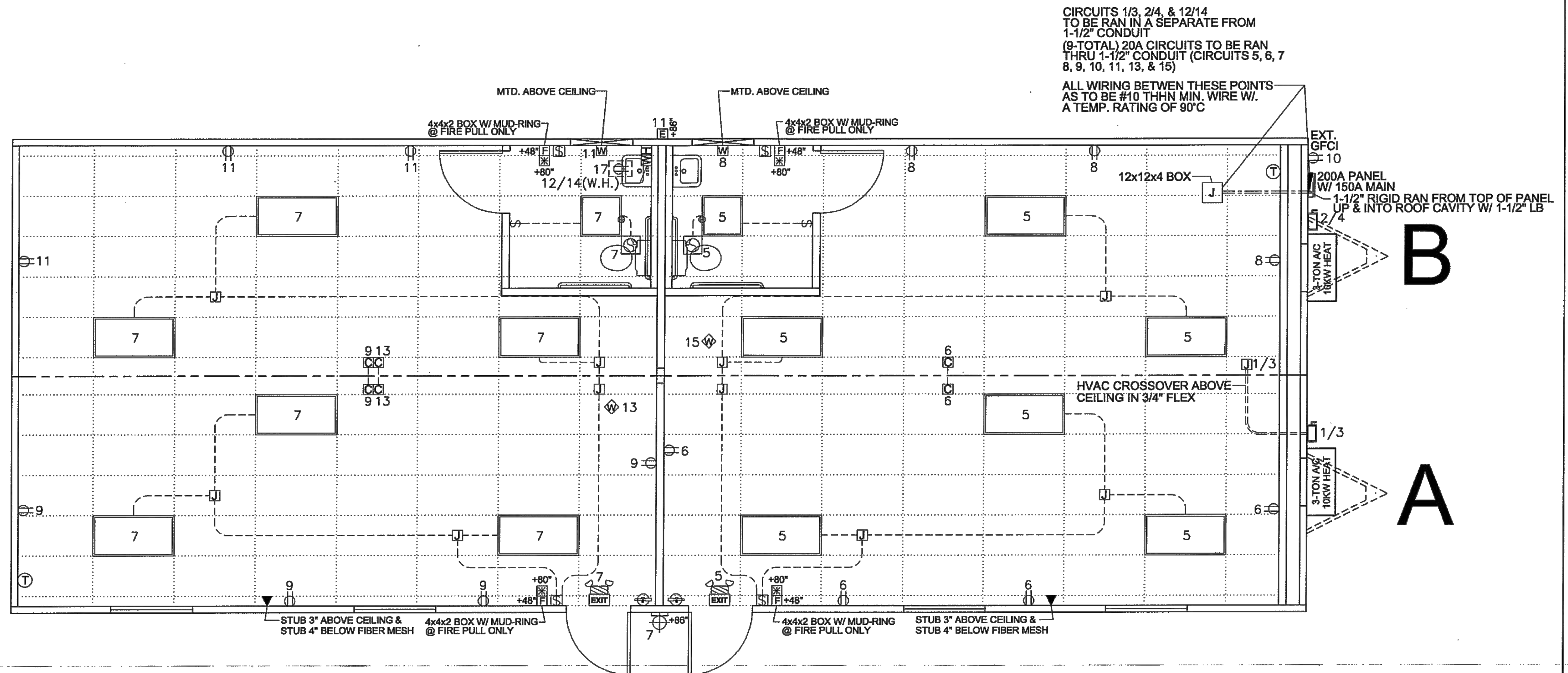
DWG. NO. MM2468-20

SHEET A-4

MARK STEELE, P.E.  
5139 N. TOM MURRAY AVE.  
GLENDALE, AZ. 85301 P#: 602.385.2173

AMTEX CORP. 832 EAST WALNUT  
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**BY**  
 Date: 11/10/14  
**PFS CORPORATION**  
 Cottage Grove, WI

NOV. 10 2014  
 STATE OF LOUISIANA  
 ROBERT MARK STEELE  
 License No. 34820  
 PROFESSIONAL ENGINEER

**SYMBOL LEGEND**

	2'x4' T-8 4 TUBE TROFFER W/ DIFFUSED LENS (122 WATT FLOURESCENT)		EXT. PORCH LIGHT W/ PHOTO CELL (13 WATT INCANDESCENT)		120v DOUBLE TOGGLE SWITCH		THERMOSTAT LOCATION (+48")		2x4x2 WIRED WALL MTD. WIRED J-BOX W/ COVER PLATE
	WIRED J-BOX MTD. ABOVE CEILING W/ COVER PLATE		PHONE / DATA JACK STUB-IN LCTN		120V DUPLEX RECEP.		EMER./EXIT W/ BATT. BACKUP		2x4x2 EXTERIOR BOX W/ LOW VOLTAGE WIRE & NEMA COVER
	EXT. DISCONNECT		120v SINGLE TOGGLE SWITCH		120V RECEPTACLE MTD. UNDER BUILDING FOR ON-SITE HEAT TAPE		2x4x2 EXTERIOR WIRED J-BOX RECESSED IN WALL (NEMA 3R)	<b>EMPTY FIRE ALARM BOXES STUBBED UP W/ EMT</b>	
					200 AMP LOAD CENTER W/ 150A MAIN BREAKER				FIRE PULL; UP 48" 4"x4"x2" EMPTY BOX
									STROBE; UP 80" 4"x4"x2" EMPTY BOX

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LTR	REVISION	BY	DATE	DATE:	6/5/14	SCALE:	3/16"=1'-0"	DWG. NO.	MM2468-20	SHEET	E-1	<b>AMTEX</b> CORP.	
												832 EAST WALNUT GARLAND, TX 75040 P: 972.276.7626 / F: 972.526.0457	



**PANEL BOX LOAD CALCULATION**

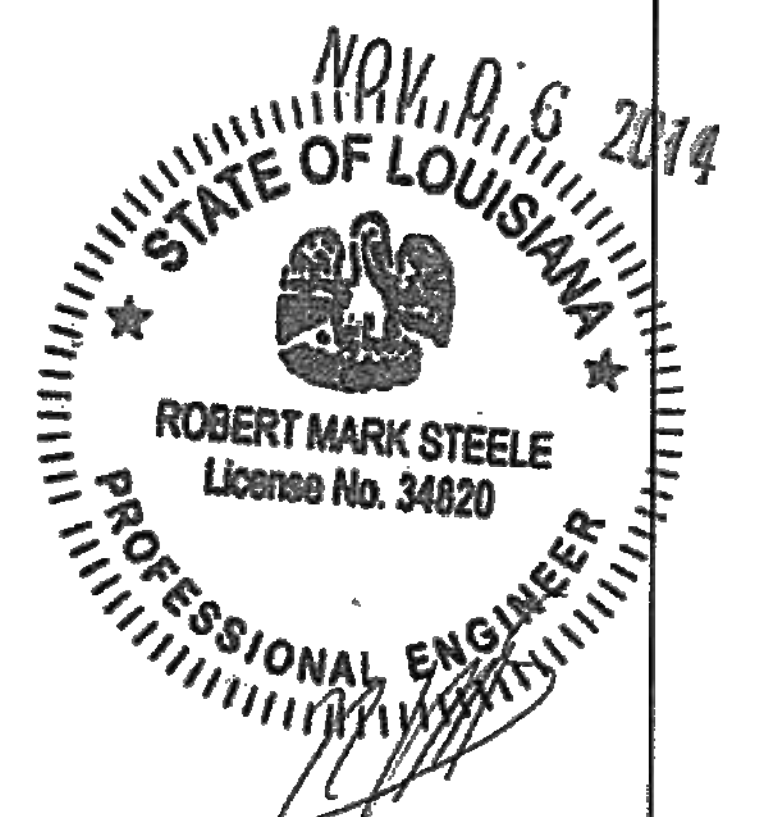
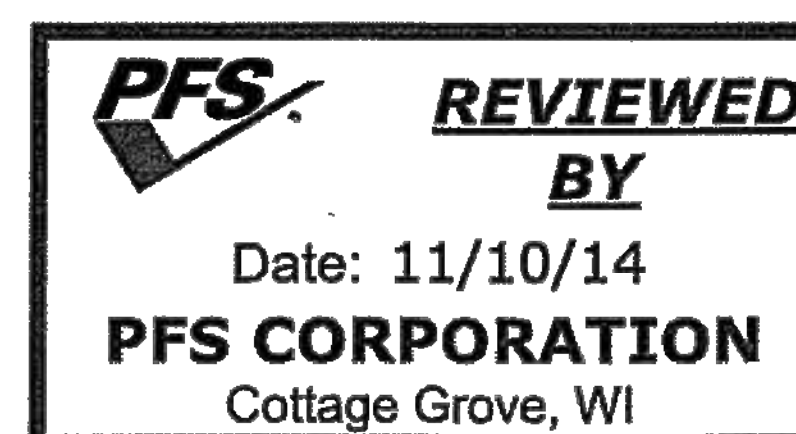
02 3-TON AC W/10KW (HEATING CONTROLS)	21248 WATTS
12 FOUR TUBE FLR. LIGHT AT 122 WATTS EACH X 125%	1830 WATTS
02 U TUBE FLR. LIGHT AT 32 WATTS EACH X 125%	80 WATTS
01 FLUORESCENT PORCH LIGHT AT 13 WATTS EACH X 125%	16 WATTS
03 120V WIRED J-BOX AT 13 WATTS X 125% (EXTERIOR)	49 WATTS
14 120v RECEPTACLES AT 180 WATTS EACH	2520 WATTS
01 EXT. 120v HEAT TAPE RECEP. AT 1400 WATTS	1400 WATTS
01 W.P. EXT. GFCI 120v RECEP. AT 180 WATTS	180 WATTS
02 120v WIRED J-BOX AT 800 WATTS EACH	1600 WATTS
02 EMER/EXIT SIGN W/ BATT. BACKUP AT 18 WATTS X 125%	45 WATTS
02 120V WIRED J-BOX AT 13 WATTS EACH X 125% (EXTERIOR)	33 WATTS
02 120v WIRED J-BOX AT 180 WATTS EACH (@ R.R.'S)	360 WATTS
02 110 CFM EXHAUST FANS AT 156 WATTS EACH	312 WATTS
01 WATER HEATER AT 5500 WATTS	5500 WATTS
	35173 WATTS

TOTAL LOADS:

35173 WATTS ÷ 240 = 147 AMPS

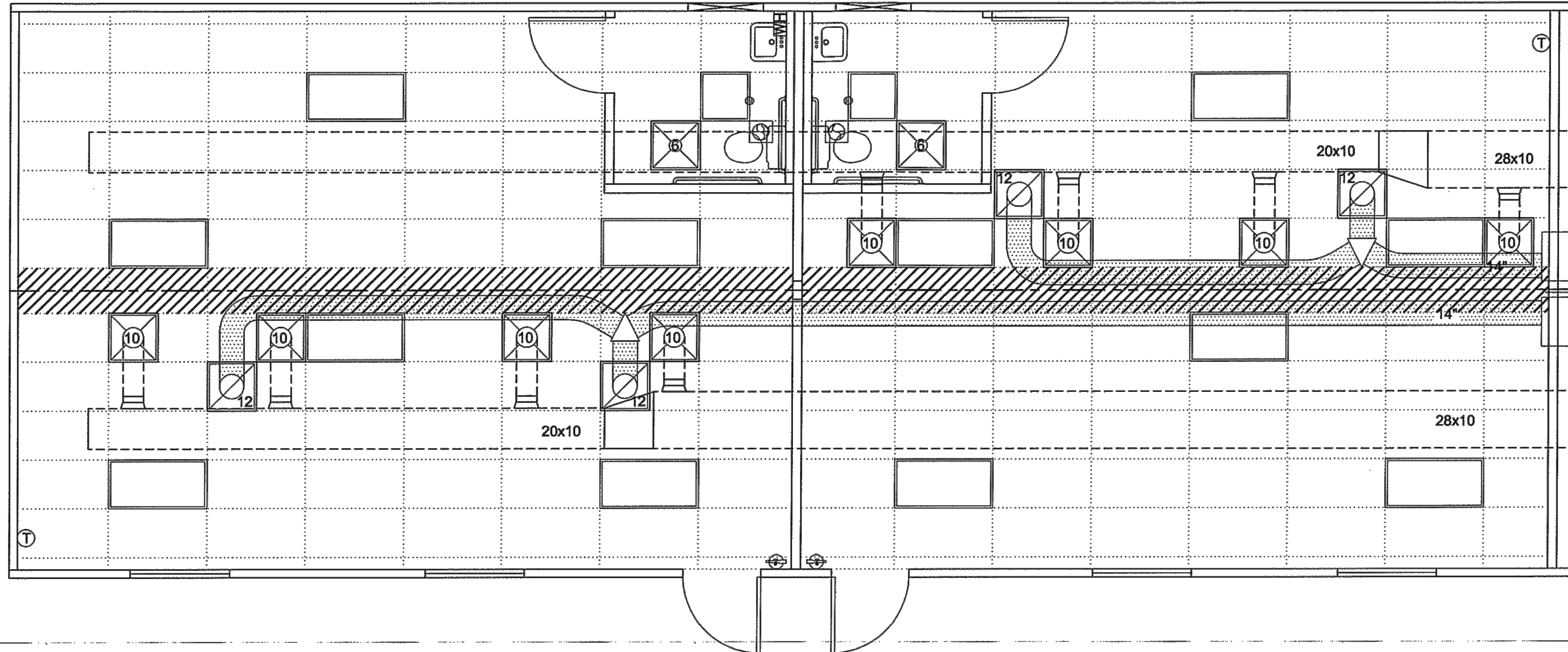
PANEL BOX 200 AMP  
W/ 150A MAIN BREAKER  
EXTERIOR NEMA-3R

GRND	WIRE	CIRCUIT	AMP		AMP	CIRCUIT	WIRE	GRND
#10	#6	HVAC UNIT BUILDING A	60	1	2	60	HVAC UNIT BUILDING B	#6
			2P	3	4	2P		#10
#12	#12	LIGHTS	20	5	6	20	RECEPTACLES	#12
#12	#12	LIGHTS	20	7	8	20	RECEPTACLES	#12
#12	#12	RECEPTACLES	20	9	10	20	EXTERIOR RECEP.	#12
#12	#12	RECEPTACLES	20	11				
#12	#12	WIRED J-BOX	20	13	12	30	WATER HEATER	#10
#12	#12	WIRED J-BOX	20	15				
#12	#12	HEAT TAPE RECEP. GFI BREAKER	20	17	14	2P		#10
GROUND BAR					NEUTRAL			



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LTR	REVISION	BY	DATE	DATE: 6/5/14	SCALE: N.T.S.	DWG. NO. MM2468-20	832 EAST WALNUT GARLAND, TX 75040 P: 972.276.7626 / F: 972.526.0457
						SHEET E-1.1	AMTEX CORP.





B

A

3-TON A/C  
10KW HEAT

24x16x14

HATCH DENOTES CEILING  
AREA TO BE INSTALLED @ SITE  
24x16x14

3-TON A/C  
10KW HEAT

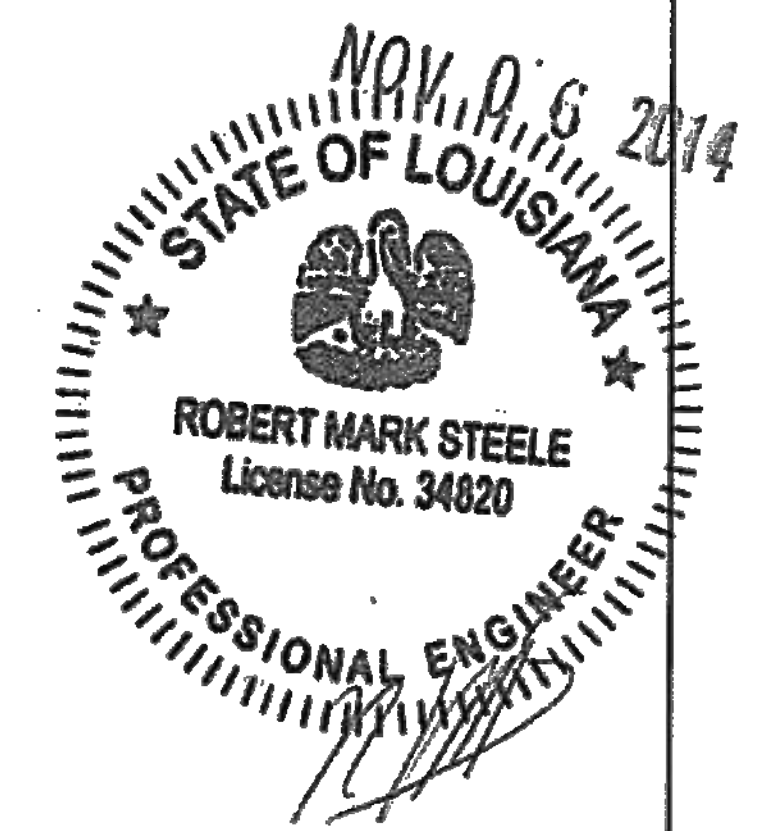
20x10

28x10

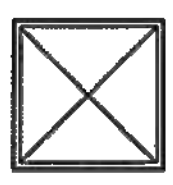
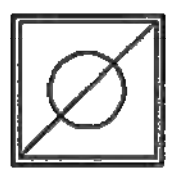

28x10

20x10

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**PFS CORPORATION**  
Cottage Grove, WI



**SYMBOL LEGEND**

-  24" X 24" DIFFUSER  
(SHOEMAKER W/ 12x12 FACE)
-  JUMP DUCT
-  SCOOP W/ COLLAR

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LTR	REVISION	BY	DATE	DATE: 6/5/14		SCALE: 3/16"=1'-0"		DWG. NO. MM2468-20		SHEET M-1	
										<b>AMTEX</b> CORP. 832 EAST WALNUT GARLAND, TX 75040 P: 972.276.7626 / F: 972.526.0457	

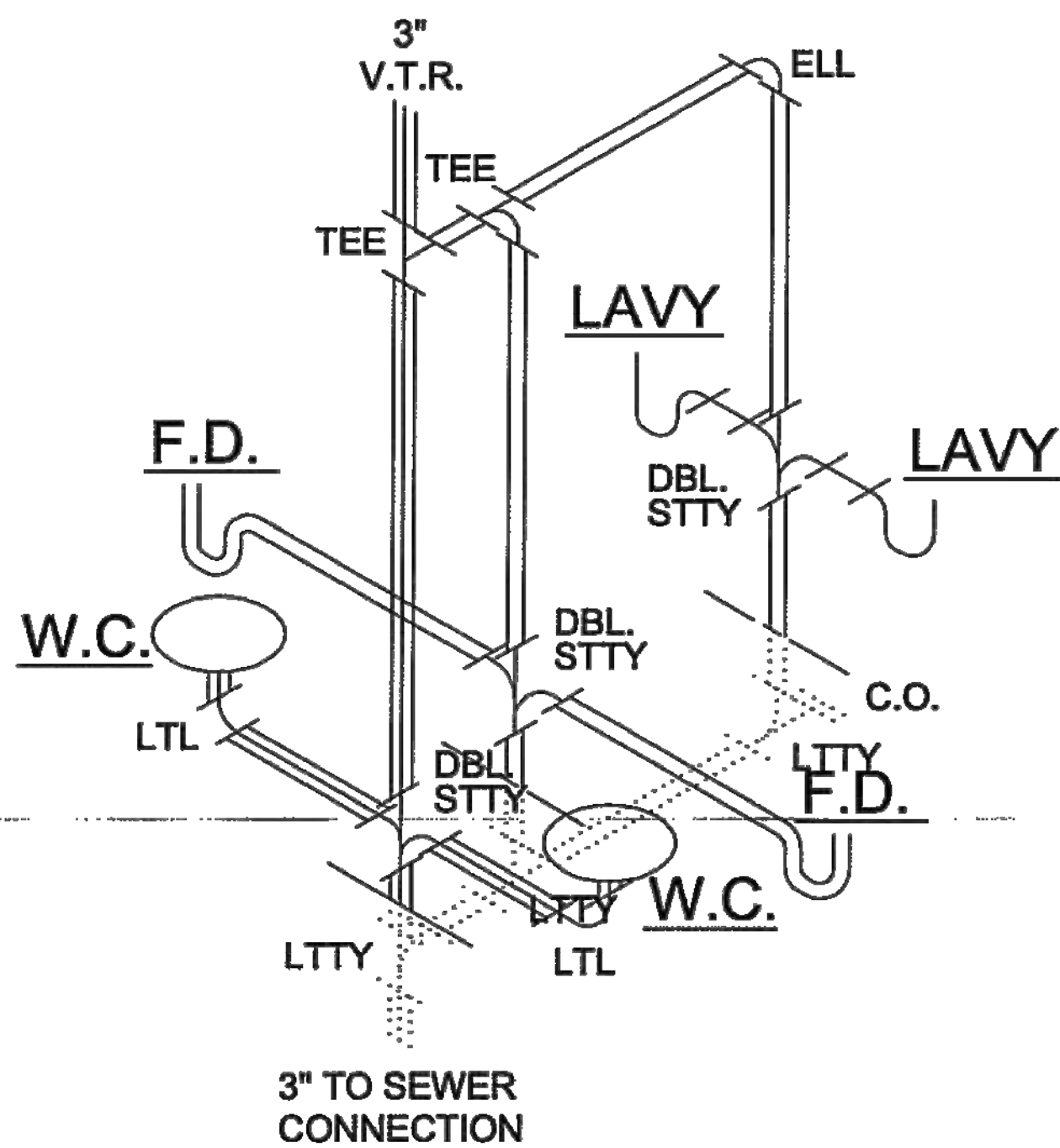


DWV PIPING LEGEND	
	1 1/2" DWV LINE
	2" DWV LINE
	3" DWV LINE

NOTE: DRAIN 'TREES' ARE STUBBED THRU FLOOR ONLY AT FACTORY AND FINAL CONNECTION TO SEWER IS TO BE COMPLETED ON-SITE BY OTHERS.

PIPING 2" OR SMALLER SHALL BE SUPPORTED 4' O.C. HORIZONTALLY @ FLOOR, CEILING, & MID-STORY VERTICALLY PER TABLE 308.5 FOOT B OF THE 2013 LSPC

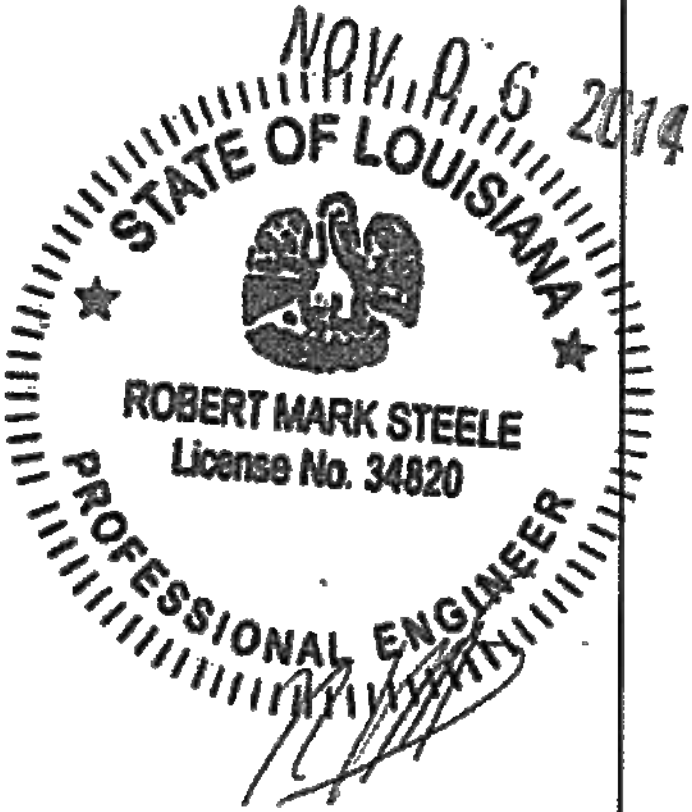
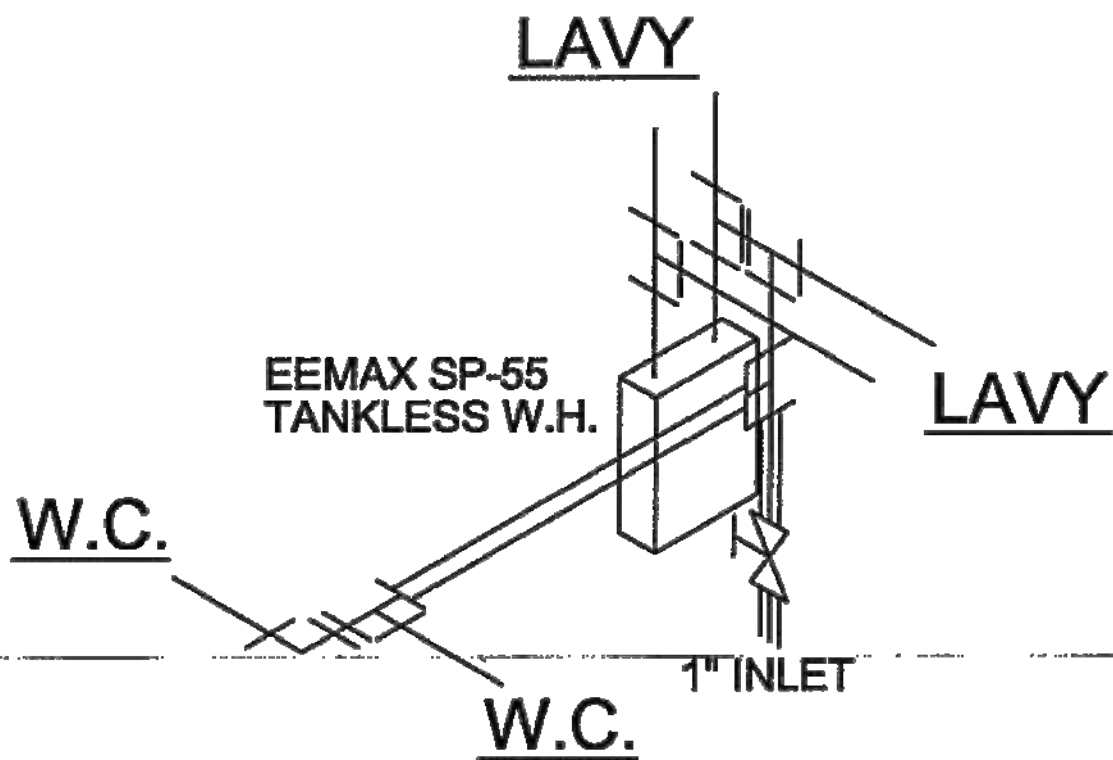
MANIFOLD SUPPLIED & INSTALLED ON-SITE BY OTHERS.



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 Date: 11/10/14  
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 Cottage Grove, WI

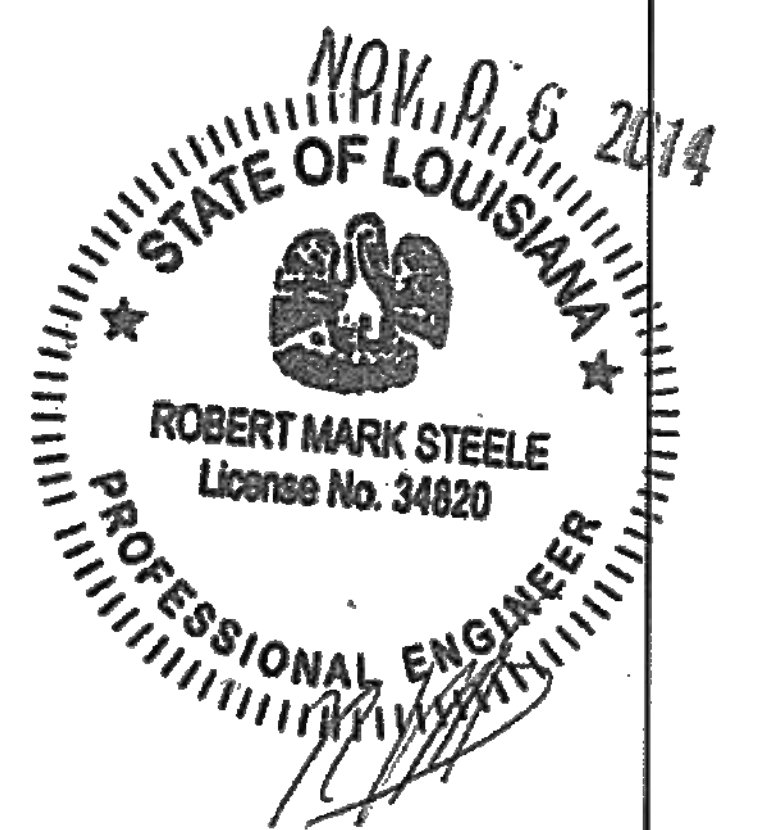
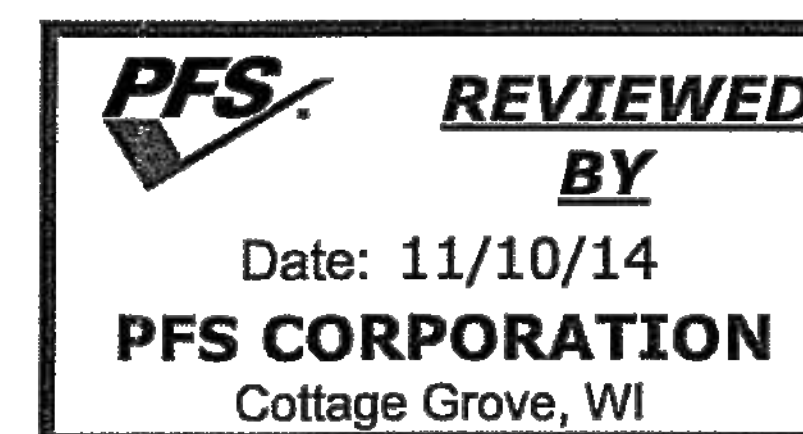
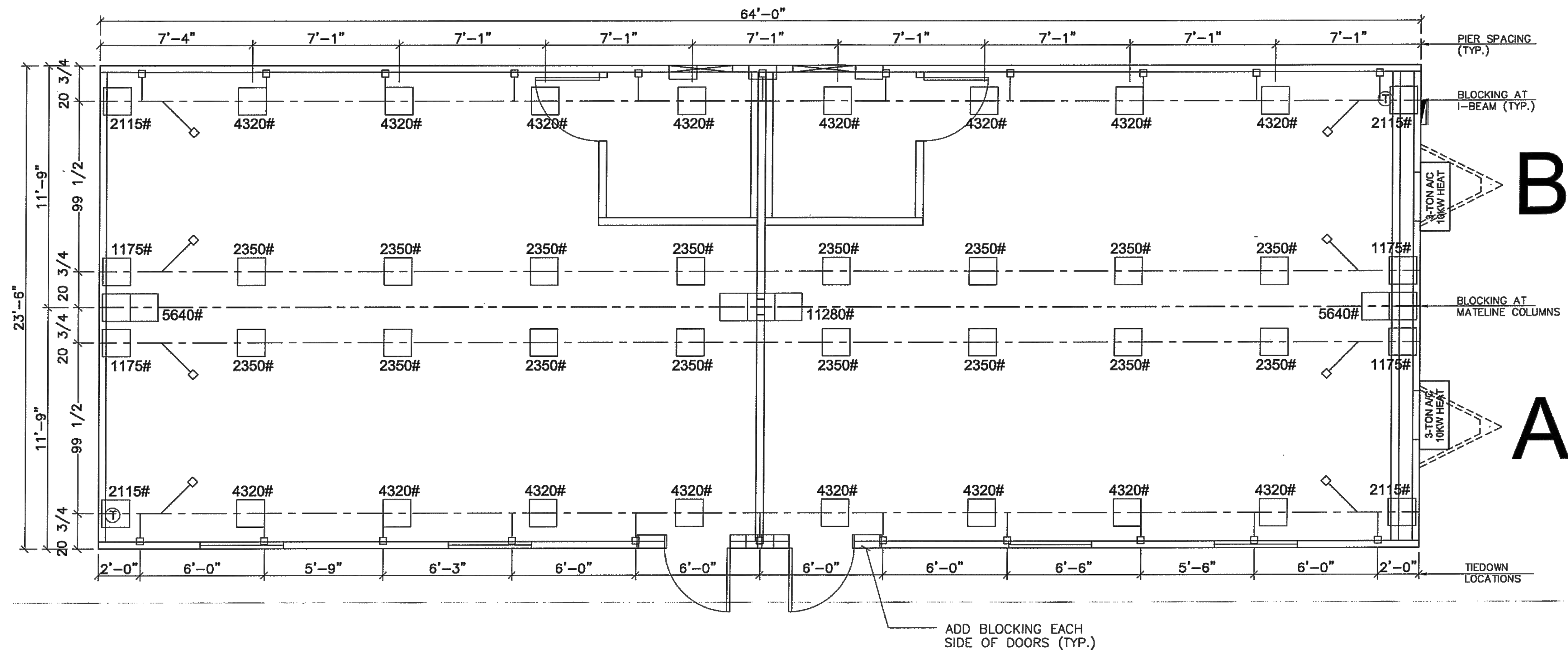
WATER LINE LEGEND	
	1/2" WATER LINE
	3/4" WATER LINE
	1" WATER LINE
ASSUMED DESIGN PRESSURE RANGE OF 50 – 60 PSI	

- NOTES:
- PER SECTION 606.2 OF THE 2013 LSPC. A SHUT-OFF VALVE SHALL BE INSTALLED AT EACH FIXTURE & WATER HEATER.
  - PIPING 1" OR SMALLER SHALL BE SUPPORTED 3' HORIZONTALLY @ FLOOR, CEILING, & MID-STORY VERTICALLY PER TABLE 308.5 FOOTNOTE B OF THE 2013 LSPC.
  - TANKLESS WATER HEATER SHALL CONFORM TO SECTION 501.6 OF 2013 LSPC.



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LTR	REVISION	BY	DATE	DATE: 6/5/14		SCALE: N.T.S.		DWG. NO. MM2468-20		SHEET P-1	
										832 EAST WALNUT GARLAND, TX 75040 P: 972.276.7626 / F: 972.526.0457	





# NOTES:

- SOIL CAPACITY IS ASSUMED TO BE 2500 PSF (FIELD VERIFY).  
(IF SOIL LOAD IS 2000#, THEN SPACING CAN BE NO GREATER THAN 6'-0" O.C.)
- PIER SPACING BASED ON ASSUMED PAD SIZE OF 16" X 16".
- BLOCKS ADDED EACH SIDE OF EXT. DOORS (TYP.)

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LTR	REVISION	BY	DATE

DRAWN BY: M.L.S.

DATE: 6/5/14

PROJECT: MOBILE MODULAR

SCALE: 3/16"=1'-0"

TITLE: BLOCKING / TIE DOWN

DWG. NO. MM2468-20

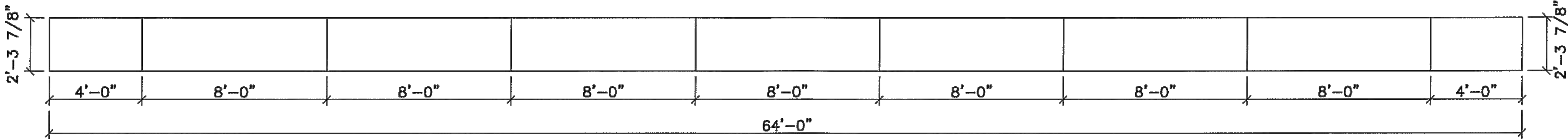
SHEET S-2

MARK STEELE, P.E.  
5139 N. TOM MURRAY AVE.  
GLENDALE, AZ. 85301 P#: 602.385.2173

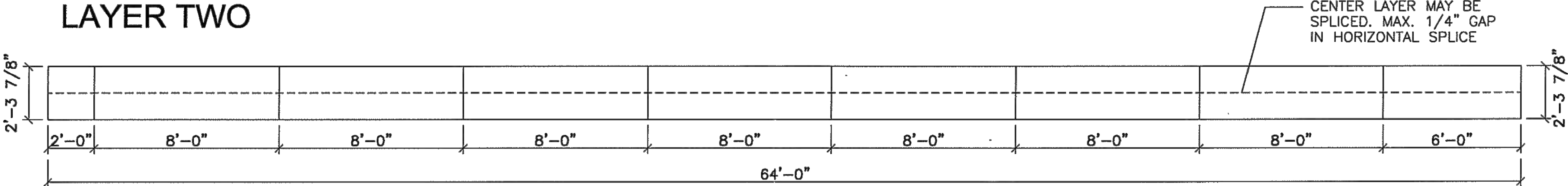
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GARLAND, TX 75040  
P: 972.276.7626 / F: 972.526.0457



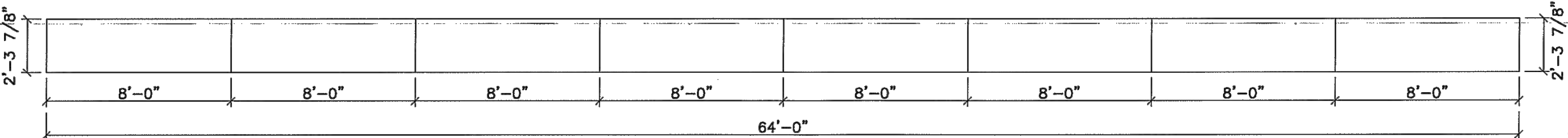
LAYER ONE



LAYER TWO



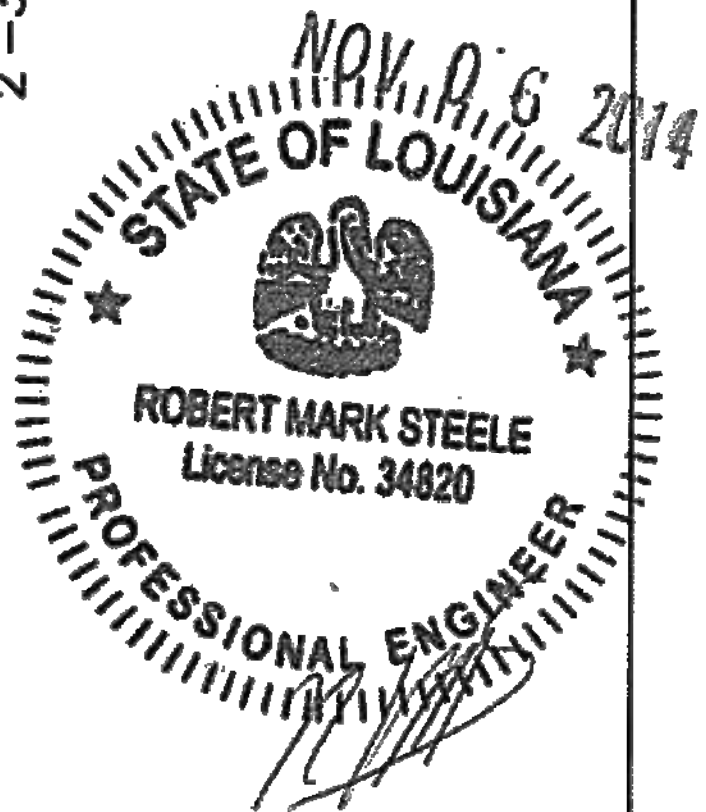
LAYER THREE



RIDGE BEAM NOTES:

1. RIDGE BEAM CONSTRUCTION IS THE SAME FOR BOTH SIDES OF UNIT (MIRRORED).
2. RIDGE BEAM IS CONSTRUCTED WITH 3/4" 5-PLY, 5-LAYER GROUP 1 SPECIES PLYWOOD.
3. RIDGE BEAM CONSTRUCTION SHALL BE IN ACCORDANCE WITH APA PLYWOOD DESIGN SPECIFICATION, SUPPLEMENT 5.

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Cottage Grove, WI



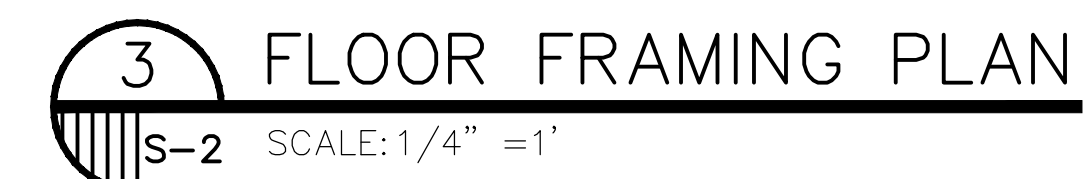
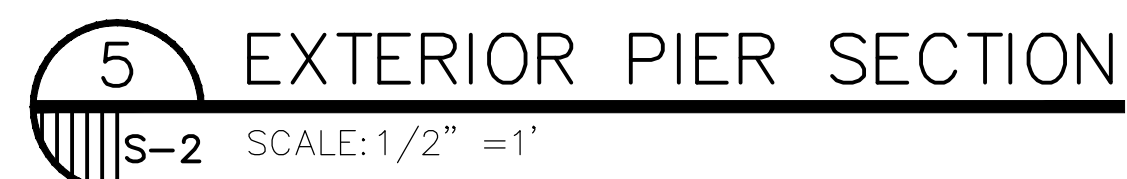
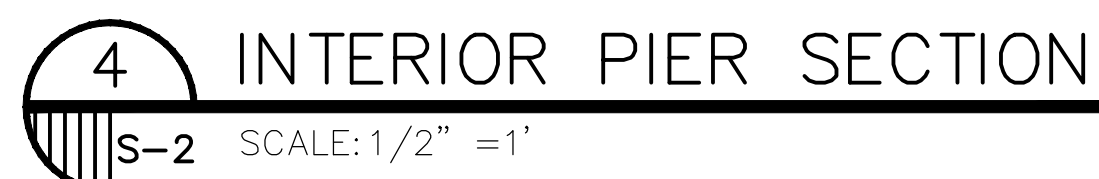
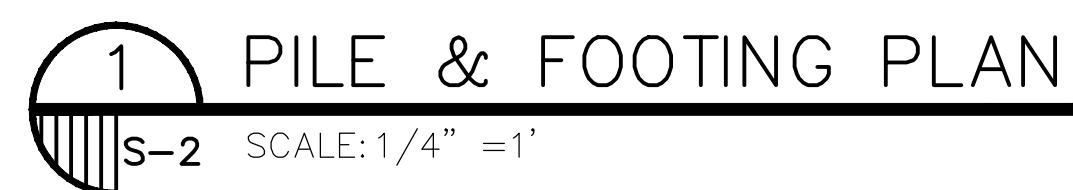
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LTR	REVISION	BY	DATE	DATE: 6/5/14		SCALE: 3/16"=1'-0"		DWG. NO. MM2468-20		SHEET S-1	
										<b>AMTEX</b> 832 EAST WALNUT GARLAND, TX 75040 P: 972.276.7626 / F: 972.526.0457	





S — 1



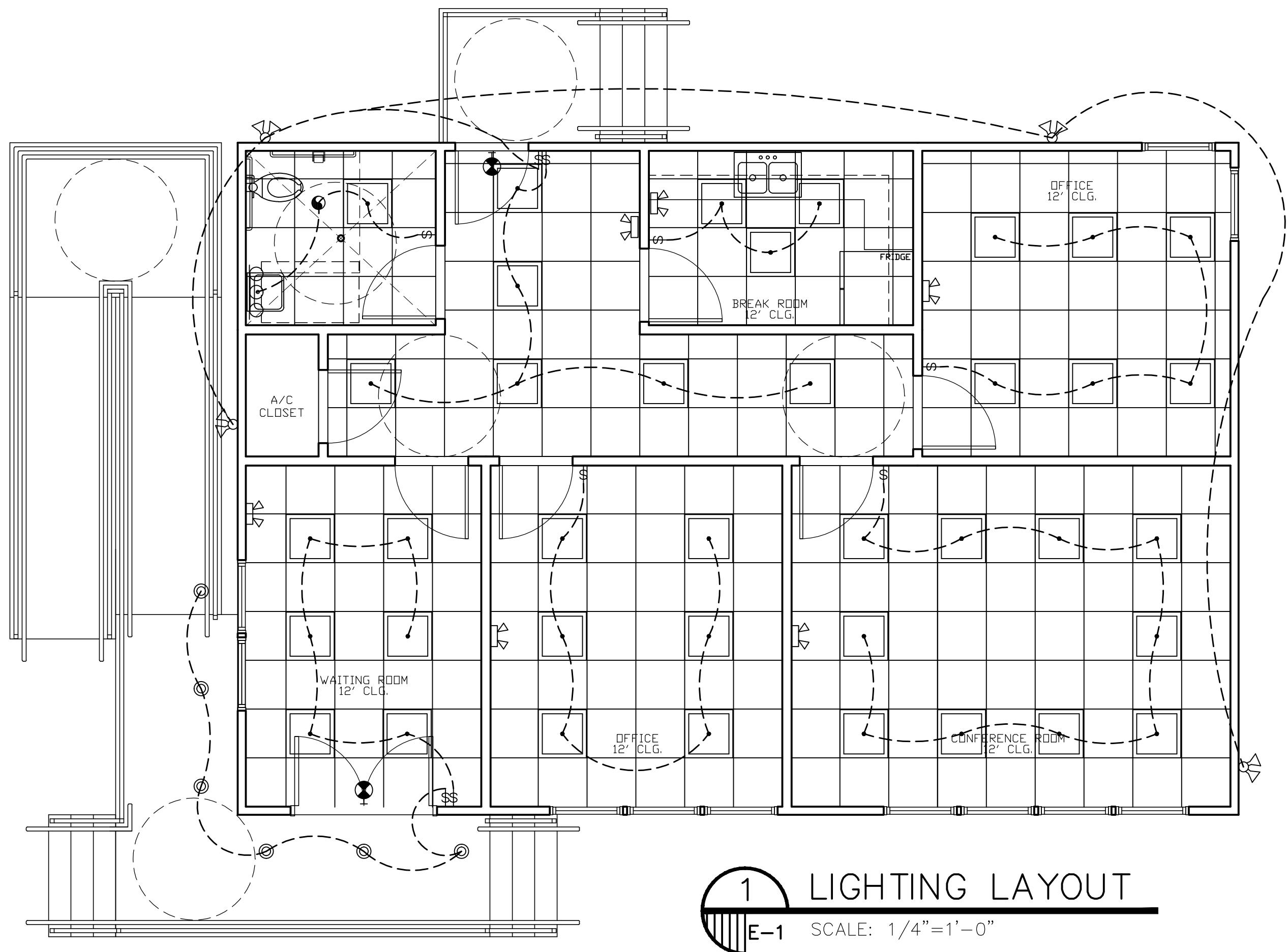


"I HAVE RESEARCHED THIS CHAPTER AND THE LOUISIANA STATE UNIFORM CONSTRUCTION CODE AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THESE DRAWINGS ARE IN COMPLIANCE THEREWITH. I TAKE FULL RESPONSIBILITY FOR THE CONTENTS OF THESE PLANS".

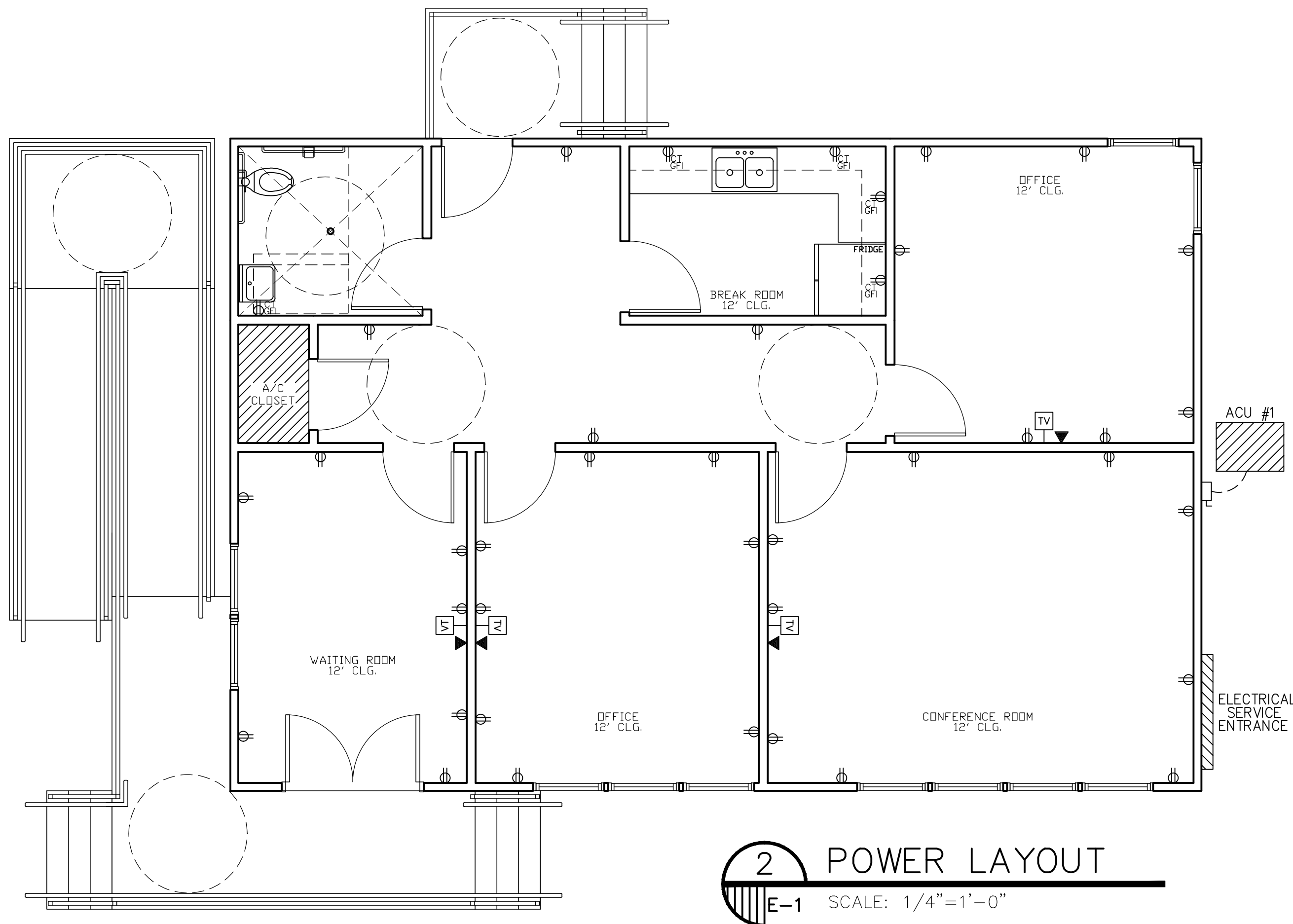
Sheet Title:  
ADMIN BUILDING  
FOUNDATION  
PLAN

S-2





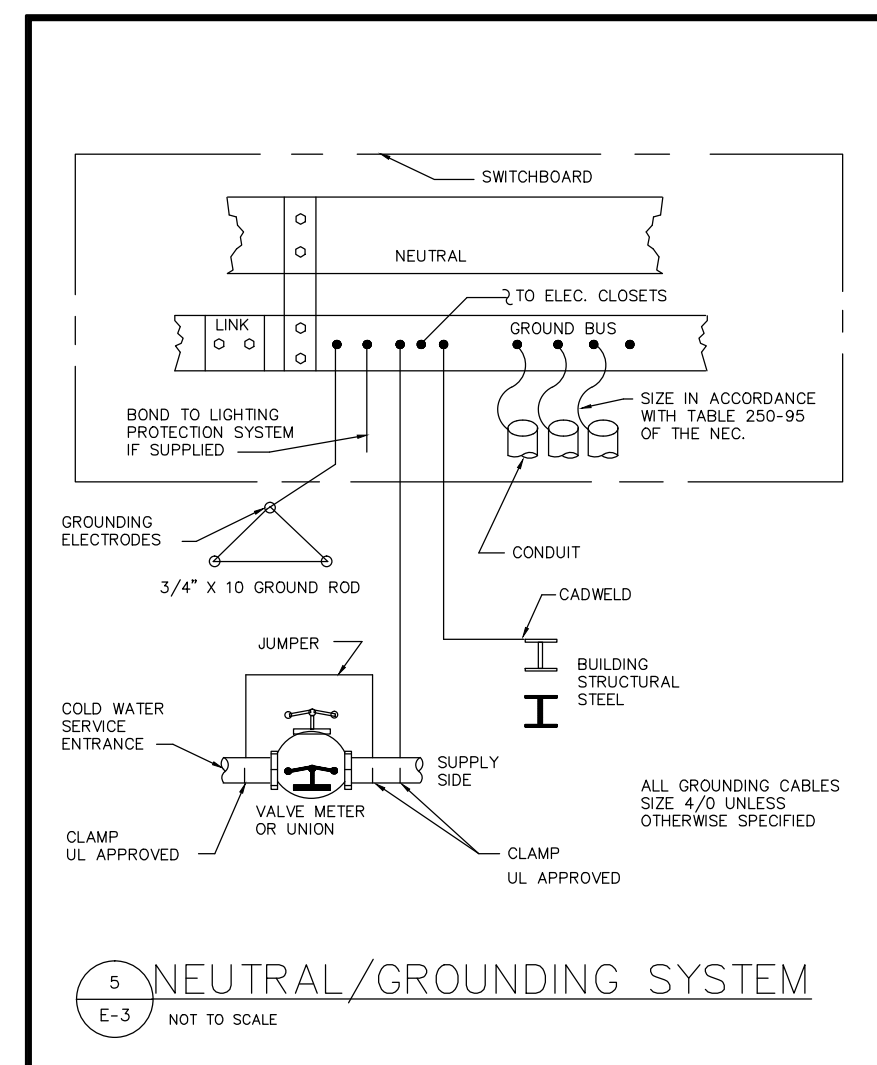
**1 LIGHTING LAYOUT**  
E-1 SCALE: 1/4"=1'-0"



**2 POWER LAYOUT**  
E-1 SCALE: 1/4"=1'-0"

LIGHTING SYMBOL SCHEDULE	
	2'X2' LED LAY-IN FIXTURE 120V 25 WATT MAX 2900 LUMENS OR EQUAL
	2'X4' LED LAY-IN FIXTURE 120V 25 WATT MAX 2900 LUMENS OR EQUAL
	LED EXIT FIXTURE 120V W/ BATTERY BACK UP
	LED EMERGENCY FIXTURE, 120V W/ BATTERY BACK UP
	120V 6" WATERPROOF RECESSED LIGHT (COLOR MATCH TO AWNING)
	120V VANITY LIGHT (OWNER SELECT)

ELECTRICAL SYMBOL SCHEDULE	
	DUPLEX RECEPTACLE; 20 AMP, 125V, NEMA 5-20R
	GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE; 20 AMP, 125V
	SINGLE POLE TOGGLE SWITCH, 20 AMP, 125/277V
	COMBINATION TELEPHONE DATA (CAT5) OUTLET; ROUTE A 3/4" C. W/FISHWIRE ABOVE CLG.
	FUSED SAFETY DISCONNECT SWITCH
	CABLE TV RECEPTACLE
	EXHAUST FAN (NO LIGHT)

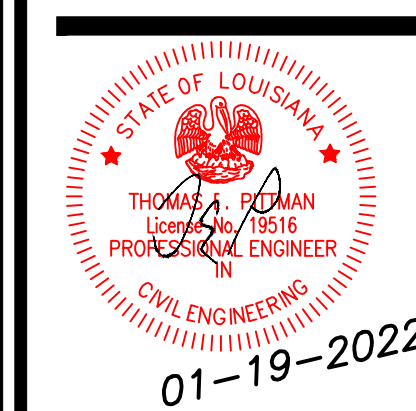


**5 NEUTRAL/GROUNDING SYSTEM**  
E-3 NOT TO SCALE

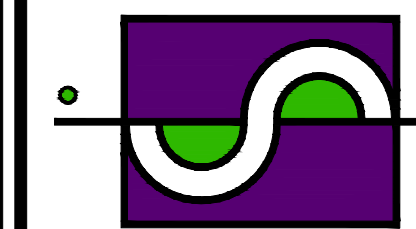
#### ELECTRICAL NOTES:

- LATEST EDITIONS OF NATIONAL ELECTRICAL CODE AND THE LOCAL ELECTRICAL CODE SHALL APPLY AS MIN. STANDARD FOR WORK PERFORMED UNDER THIS SUBCONTRACT.
- THIS SUBCONTRACT SHALL OBTAIN ALL NECESSARY PERMITS, PAY ALL LEGAL FEES AND CHARGES, AND COMPLY WITH ALL STATE AND LOCAL BUILDINGS AND SAFETY LAWS.
- THIS SUBCONTRACT INCLUDES FURNISH LABOR, MATERIALS, EQUIPMENT, AND SERVICES TO PERFORM ALL OPERATIONS REQUIRED FOR THE COMPLETE ELECTRICAL SYSTEM AS SHOWN.
- ALL CONDUIT SHALL BE AS FOLLOWS:  
UNDERGROUND RUNS AND PANEL FEEDERS: RIGID NON-METALLIC PVC SCHEDULE 40 WITH GROUND WIRE INTERMEDIATE GALV. STEEL FOR RISERS THROUGH SLABS AND WHERE SUBJECT TO PHYSICAL DAMAGES.  
BRANCH CIRCUITS AND CONTROL WIRING: GALV. ELECTRICAL METALLIC TUBING(EMT), ABOVE GROUND.
- ALL CONDUCTORS SHALL BE COPPER TYPE THW 600 VOLT, NO WIRE SMALLER THAN #12 AWG FOR POWER, LIGHTING, OR SWITCH LEGS. WHERE PERMITTED BY NEC AND LOCAL CODES, MC CABLE MAY BE USED IN STRICT ACCORDANCE WITH NEC ARTICLE 334.
- FURNISH ALL SUPPORTS(FOR EQUIPMENT REQUIRING SAME), THIMBLES, INSERTS, HANGERS OR OTHER HARDWARE NECESSARY FOR COMPLETE ELECTRICAL INSTALLATION.
- FURNISH AND INSTALL STANDARD OUTLET, SWITCH, AND PULL BOXES AS REQUIRED. WEATHERPROOF BOXES ON EXTERIOR SHALL BE CAST ALUMINUM WITH GASKETED LIFT COVER.
- RECEPTACLES SHALL BE SPECIFICATION GRADE. DUPLEX GROUNDED RECEPTACLES SHALL BE 20 AMPERE 125 VOLT EQUAL TO BRYANT #5352-1, MOUNT RECEPTACLES 18" ABOVE FLOOR UNLESS OTHERWISE NOTED.
- PANELBOARDS AS SCHEDULED ON PLANS SHALL BE DEAD FRONT SAFETY TYPE, FULL SIZED CIRCUIT BREAKER BRANCHES(NO TWINS OR TANDEMS), FACTORY OR LOCALLY ASSEMBLED WITH DOOR AND GOOD LATCH, GALVANIZED STEEL CABINET AND DIRECTORY FRAME FOR TYPEWRITTEN IDENTIFICATION OFF ALL CIRCUITS. CONTRACTOR SHALL BALANCE LOADS IN PANELBOARDS.
- GROUND ENTIRE WIRING SYSTEM AND SPECIAL DEVICES IN ACCORDANCE WITH NEC FEEDER CONDUITS SHALL PROVIDE A GOOD PATH TO SYSTEM GROUND. VERIFY CONTINUITY OF ALL CONDUIT RUNS AND CORRECT ANY DISCREPANCIES. PROVIDE GROUND ROD, AND #4 COPPER TW GROUND WIRE AT TELEPHONE CABINET.
- PROVIDE LOCAL DISCONNECTS AT ALL EQUIPMENT LOCATED OUT OF SITE OF PANEL. SAFETY SWITCHES NORMAL DUTY NEMA 1 FOR PROTECTED, NEMA 3R FOR THOSE EXPOSED TO OUTDOORS. PROVIDE DUAL-ELEMENT TIME LAG BUSS FUSETRON ON EQUAL FUSES IN ALL FUSEHOLDERS.
- ALL LIGHTING FIXTURES SHALL BE FURNISHED, WIRED, AND INSTALLED COMPLETE ALL LAMPS OR DEVICES NECESSARY FOR A COMPLETE INSTALLATION. ALL FIXTURES SHALL BE THE TYPE DESCRIBED IN THE FIXTURE SCHEDULE.
- ELECTRICAL SERVICE SHALL BE AS SHOWN ON ELECTRICAL RISER. ELECTRICAL SUBCONTRACTOR SHALL PROVIDE ON-SITE CONSTRUCTION POWER ALLOWING FOR THE COST IN HIS BID.
- WORKMANSHIP AND MATERIALS SHALL BE GUARANTEED FOR ONE YEAR FROM DATE OF OFFICIAL ACCEPTANCE OF CONTRACT.

ADMIN/DAYCARE BUILDINGS  
SENTINO EARLY CHILDHOOD ACADEMY TOO  
10100 MORRISON ROAD  
NEW ORLEANS, LA  
ORLEANS PARISH



**SPECTRUM  
DESIGNS, LLC**  
2439 MANHATTAN BLVD. SUITE 209  
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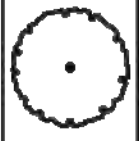
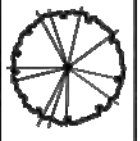
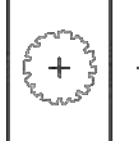
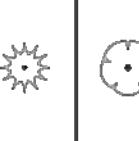


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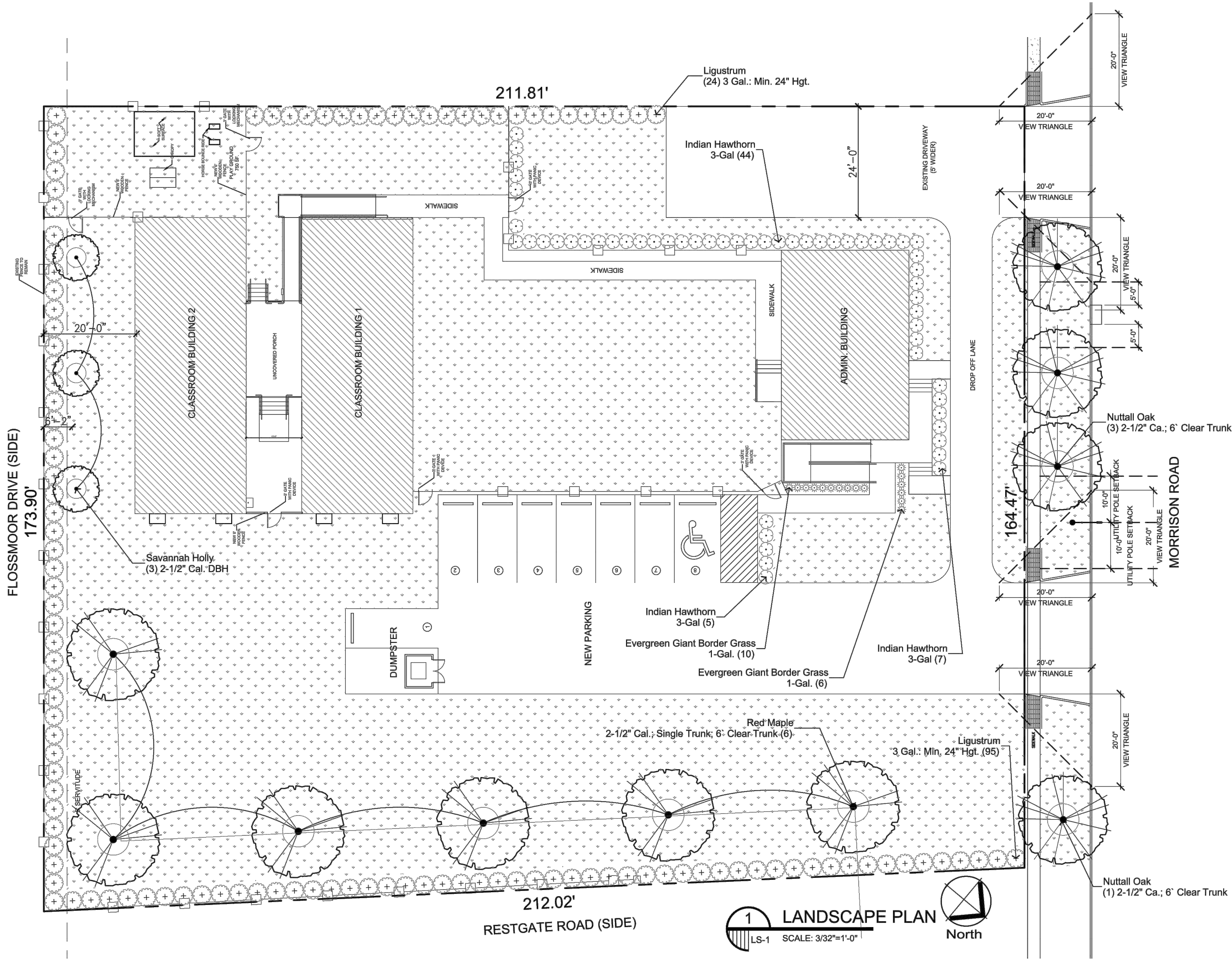
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**ELECTRICAL  
DRAWINGS**

Drawing No.

**E — 1**



PLANT SCHEDULE			
TREES	QTY	BOTANICAL / COMMON NAME	CONT
	6	Acer rubrum 'drummondii' / Red Maple	2-1/2" Cal.; Single Trunk; 6' Clear Trunk
	3	Ilex x attenuata 'Savannah' / Savannah Holly	2-1/2" Cal. DBH
	4	Quercus nuttallii / Nuttall Oak	2-1/2" Cal.; 6' Clear Trunk
SHRUBS	QTY	BOTANICAL / COMMON NAME	CONT
	119	Ligustrum japonicum / Ligustrum	3 Gal.; Min. 24" Hgt.
	16	Liriope muscari 'Evergreen Giant' / Evergreen Giant Border Grass	1-Gal.
	56	Rhipidophloeos indica 'Clara' / Indian Hawthorn	3-Gal.
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	CONT
	20,516 sf	Stenandrium glabrum americanum / St. Augustine Grass	SLAB SOD
AS REQUIRED		CHOPPED PINE STRAW	MULCH
			COMPACTED TO 3" THICK



1 LANDSCAPE PLAN  
LS-1 SCALE: 3/32"=1'-0"

MODULAR BUILDING ADDITION  
SENTINO EARLY CHILDHOOD ACADEMY TOO  
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Date: 01-10-2022  
Drawn: GUY GRISSOM  
Checked:

Sheet Title:  
LANDSCAPE PLAN

Drawing No.  
LS-1



1.1 GENERAL

- A. Submittals: In addition to product certificates, submit the following:
1. Certification of grass seed from seed vendor for each seed mixture.
  2. Planting schedule indicating anticipated dates and locations for each type of planting.
- B. Quality Assurance: Provide trees, shrubs, ground covers, and plants of quality, size, genus, species, and variety indicated, complying with applicable requirements of ANSI Z60.1 "American Standard for Nursery Stock."
- C. Special Warranty: Warrant trees, shrubs and ground covers for a period of one year after date of Substantial Completion, against defects including death and unsatisfactory growth, except for defects resulting from lack of adequate maintenance, neglect, or abuse by Owner, abnormal weather conditions unusual for warranty period, or incidents which are beyond Contractor's control.
1. Remove and replace unhealthy and dead trees and shrubs within the warranty period.
- D. Maintain and establish lawns by watering, fertilizing, weeding, mowing, trimming, replanting, and other operations to produce a uniformly smooth lawn for not less than the following:
1. Seeded Lawns: 60 days after date of Substantial Completion.
  2. Sodded Lawns: 30 days after date of Substantial Completion.

1.2 PRODUCTS

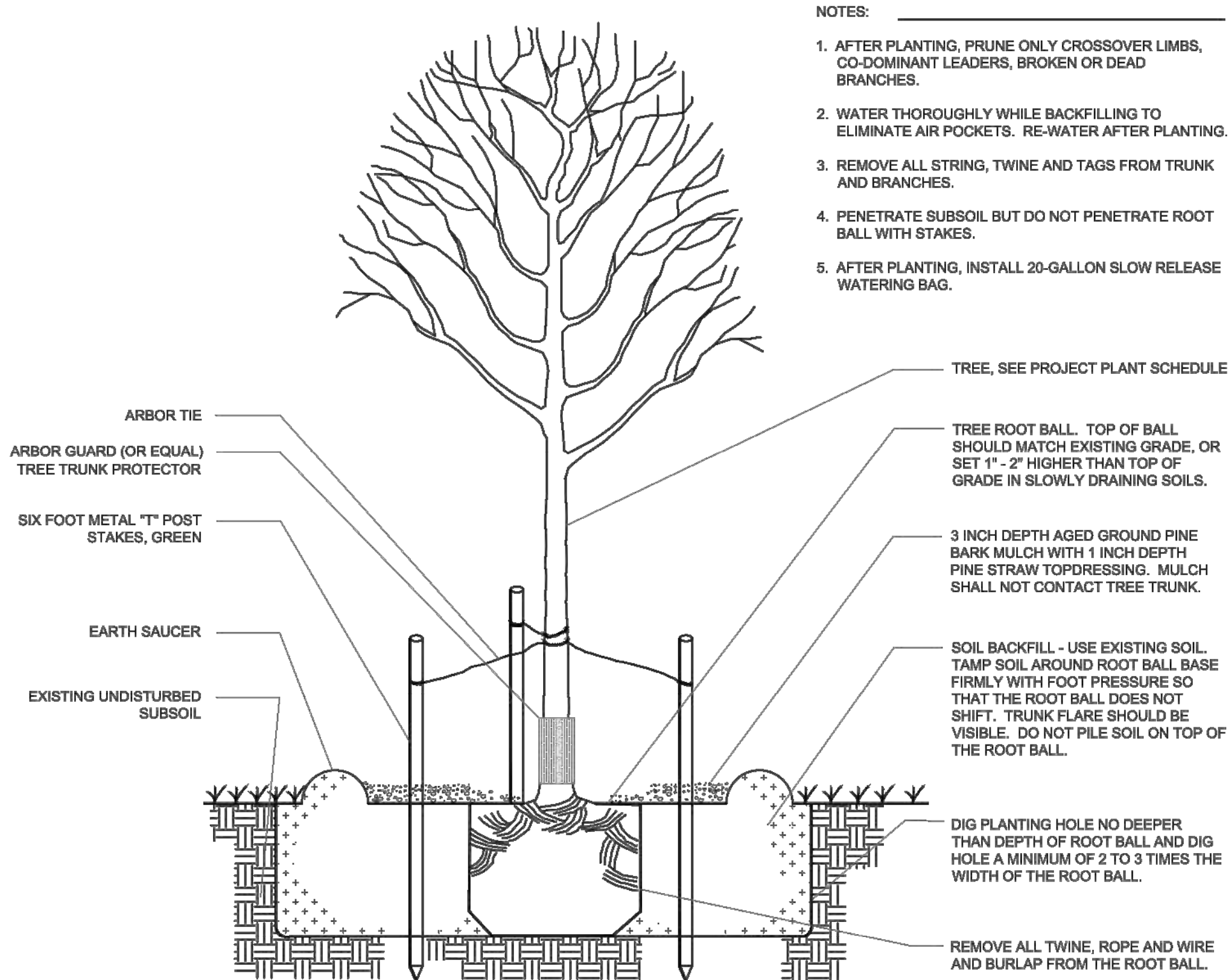
- A. Trees and Shrubs: Well-shaped, fully branched, healthy, vigorous nursery-grown stock of sizes and grades indicated, free of disease, insects, eggs, larvae, and defects, conforming to ANSI Z60.1.
1. Provide balled and burlapped trees and shrubs.
  2. Provide container grown trees and shrubs.
- B. Ground Covers and Plants: Established and well rooted in removable containers or integral peat pots and with not less than the minimum number and length of runners required by ANSI Z60.1 for the pot size indicated.
- C. Grass Seed: Fresh, clean, dry, new-crop seed complying with the Association of Official Seed Analysts "Rules for Testing Seeds" for purity and germination tolerances.
1. Seed Mixture: Provide seed of grass species and varieties, proportions by weight, and minimum percentages of purity, germination, and maximum percentage of weed seed as indicated.
- D. Sod: Certified turfgrass sod complying with ASPA specifications for machine-cut thickness, size, strength, moisture content, and mowed height, and free of weeds and undesirable native grasses. Provide viable sod of uniform density, color, and texture, strongly rooted, and capable of vigorous growth and development when planted.
1. Species: Provide sod of grass species and varieties, proportions by weight, and minimum percentages of purity, germination, and maximum percentage of weed seed as indicated.
- E. Topsoil: ASTM D 5268, pH range of 5.5 to 7, 4 percent organic material minimum, free of stones 1 inch (25 mm) or larger in any dimension, and other extraneous materials harmful to plant growth.
1. Topsoil Source: Amend existing surface soil to produce topsoil. Supplement with imported topsoil when required.
  2. Imported topsoil: Equal parts of sharp sand, peat moss and composted bark.
- F. Lime: ASTM C 602, Class T, agricultural limestone.
- G. Peat Humus: Finely divided or granular texture, with a pH range of 6 to 7.5, composed of partially decomposed moss peat (other than sphagnum), peat humus, or reed-sedge peat.
- H. Sawdust or Ground-Bark Humus: Decomposed, nitrogen-treated, of uniform texture, free of chips, stones, sticks, soil, or toxic materials.
- I. Bonemeal: Commercial, raw, finely ground; minimum of 4 percent nitrogen and 20 percent phosphoric acid.
- J. Superphosphate: Commercial, phosphate mixture, soluble; minimum of 20 percent available phosphoric acid.
- K. Commercial Fertilizer: Commercial-grade complete fertilizer of neutral character, consisting of fast- and slow-release nitrogen, 50 percent derived from natural organic sources of urea-form, phosphorous, and potassium in the following composition:
1. Composition: 1 lb per 1000 sq. ft. (0.5 kg per 100 sq. m) of actual nitrogen, 4 percent phosphorous, and 2 percent potassium, by weight.
- L. Slow-Release Fertilizer: Granular fertilizer consisting of 50 percent water-insoluble nitrogen, phosphorus, and potassium in the following composition:
1. Composition: 5 percent nitrogen, 10 percent phosphorous, and 5 percent potassium, by weight.
- M. Organic Mulch: Organic mulch, free from deleterious materials and suitable as a top dressing, consisting of ground or shredded bark, wood or bark chips, salt hay or threshed straw, or shredded hardwood.
- N. Peat Mulch: Provide peat moss in natural, shredded, or granulated form, of fine texture, with a pH range of 4 to 6.
- O. Mineral Mulch: Hard, durable riverbed gravel or crushed stone, washed free of loam, sand, clay, and other foreign substances.
1. Size Range: 1-1/2 inches (38 mm) maximum, 3/4 inch (19 mm) minimum.
- P. ~~Street-Edging: ASTM A 569 (ASTM A 569M), rolled edge; standard painted steel edging and accessories, fabricated in sections with loops stamped from or welded to face of sections approximately 30 inches (760 mm) apart to receive stakes.~~
1. Edging Size: ~~3/16 inch (4.8 mm) wide by 4 inches (102 mm) deep.~~

1.3 EXECUTION

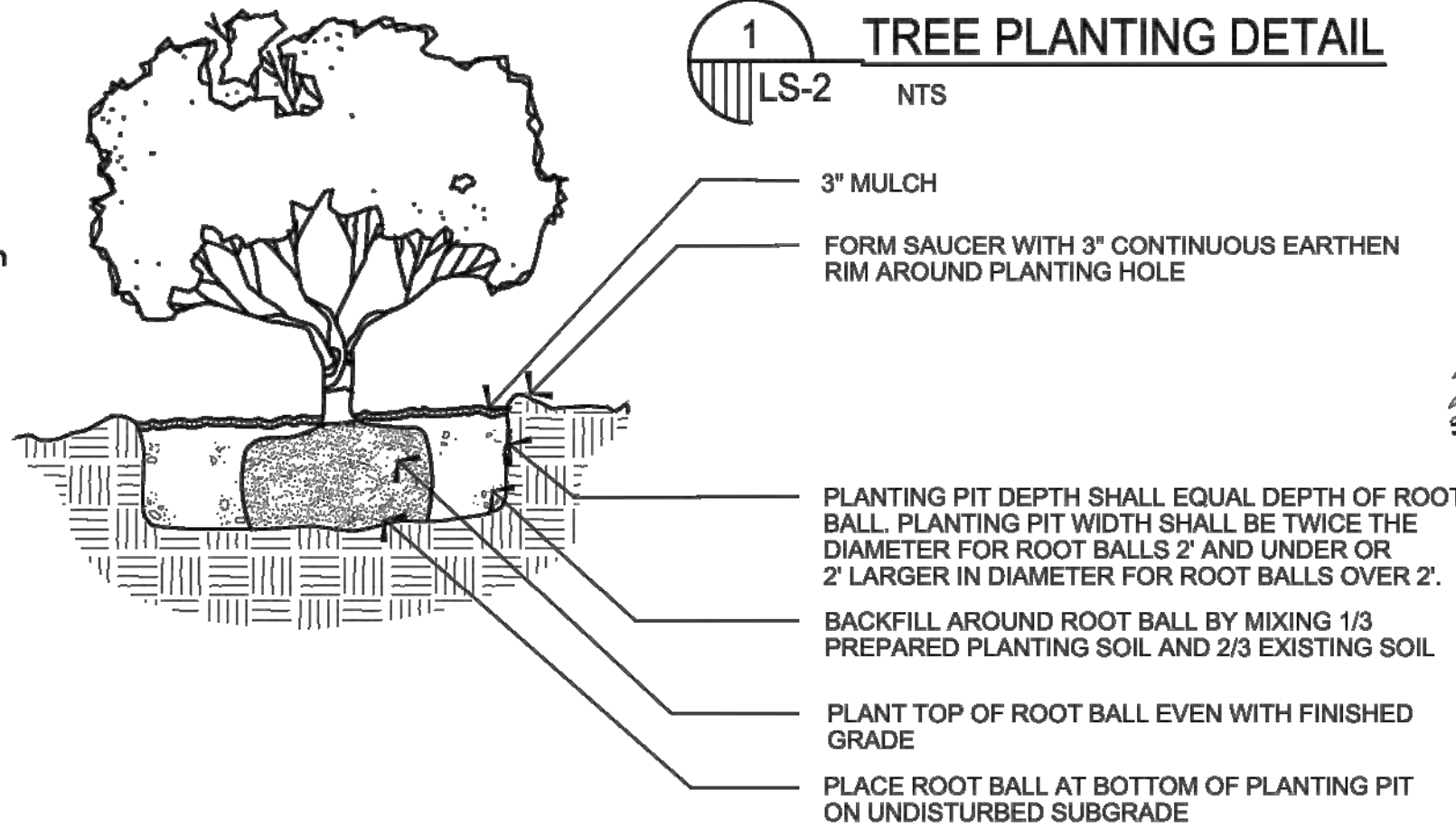
- A. Planting Soil Preparation: Before mixing, clean topsoil of roots, plants, sods, stones, clay lumps, and other extraneous materials harmful to plant growth. Mix soil amendments and fertilizers with topsoil at rates indicated.
- B. Lawn Planting Preparation: Loosen subgrade to a minimum depth of 4 inches (100 mm). Remove stones larger than 1-1/2 inches (38 mm) in any dimension and sticks, roots, rubbish, and other extraneous materials.
1. Spread planting soil mixture to depth required to meet thickness, grades, and elevations shown, after light rolling and natural settlement. Do not spread if planting soil or subgrade is frozen.
  2. Place approximately 1/2 the thickness of planting soil mixture required. Work into top of loosened subgrade to create a transition layer and then place remainder of planting soil mixture.
- C. Lawn Planting Preparation: Where lawns are to be planted in areas unaltered or undisturbed by excavating, grading, or surface soil stripping operations, remove and dispose of existing grass, vegetation, and turf.
1. Till surface soil to a depth of at least 6 inches (150 mm). Apply soil amendments and initial fertilizers and mix thoroughly into top 4 inches (100 mm) of soil. Trim high areas and fill in depressions. Till soil to a homogenous mixture of fine texture.
- D. Grade lawn areas to a smooth, even surface with loose, uniformly fine texture. Remove trash, debris, stones larger than 1-1/2 inches (38 mm) in any dimension, and other objects that may interfere with planting or maintenance operations.
- E. Moisten prepared lawn areas before planting when soil is dry and allow surface to dry before planting.
- F. Ground Cover and Plant Bed Preparation: Loosen subgrade of planting bed areas to a minimum depth of 6 inches (150 mm). Remove stones larger than 1-1/2 inches (38 mm) in any dimension and sticks, roots, rubbish, and other extraneous materials.
1. Spread planting soil mixture to depth required to meet thickness, grades, and elevations shown, after light rolling and natural settlement. Place approximately 1/2 the thickness of planting soil mixture required. Work into top of loosened subgrade to create a transition layer and then place remainder of planting soil mixture.
- G. Ground Cover and Plant Bed Preparation: Till soil in beds to a minimum depth of 8 inches (200 mm) and mix with specified soil amendments and fertilizers.
- H. Excavation for Trees and Shrubs: Excavate pits with vertical sides and with bottom of excavation slightly raised at center to assist drainage. Excavate approximately 1-1/2 times as wide as ball diameter and deep enough to allow placing of root ball on a setting layer of planting soil. Loosen hard subsoil in bottom of excavation.
- I. Planting Trees and Shrubs: Set stock plumb and in center of pit or trench with top of ball raised above adjacent finish grades.
1. Place a setting layer of compacted planting soil.
  2. Remove burlap and wire baskets from tops of balls and partially from sides, but do not remove from under balls. Do not use planting stock if ball is cracked or broken before or during planting operation.
  3. Place backfill around ball in layers, tamping to settle backfill and eliminate voids and air pockets.
  4. Dish and tamp top of backfill to form a 3-inch- (75-mm-) high mound around the rim of the pit. Do not cover top of root ball with backfill.
- J. Tree and Shrub Pruning: Prune, thin, and shape trees and shrubs according to standard horticultural practice. Prune trees to retain required height and spread. Do not cut tree leaders; remove only injured or dead branches from flowering trees. Prune shrubs to retain natural character. Shrub sizes indicated are size after pruning.
- K. Planting Ground Cover and Plants: Space 24 inches (600 mm) apart, unless otherwise indicated. Dig holes large enough to allow spreading of roots, and backfill with planting soil. Work soil around roots to eliminate air pockets and leave a slight saucer indentation around plants to hold water. Water thoroughly after planting, taking care not to cover plant crowns with wet soil.
- L. Mulching: Completely cover area to be mulched. Apply mulch and finish level with adjacent finish grades. Do not place mulch against trunks or stems.
1. Mulch Type and Thickness: Organic mulch, 3 inches (75 mm) thick as indicated on drawings.
- M. Seeding Lawns: Sow seed with a spreader or a seeding machine. Do not broadcast or drop seed when wind velocity exceeds 5 mph (8 km/h). Evenly distribute seed by sowing equal quantities in 2 directions at right angles to each other. Rake seed lightly into top 1/8 inch (3 mm) of topsoil, roll lightly, and water with fine spray.
- N. Sodding Lawns: Lay sod to form a solid mass with tightly fitted joints within 24 hours of stripping. Butt ends and sides of sod; do not stretch or overlap. Stagger sod strips or pads to offset joints in adjacent courses. Avoid damage to subgrade or sod during installation. Tamp and roll lightly to ensure contact with subgrade, eliminate air pockets, and form a smooth surface. Work sifted soil or fine sand into minor cracks between pieces of sod; remove excess to avoid smothering sod and adjacent grass.
1. Anchor sod on slopes exceeding 1:6 with wood pegs spaced as recommended by sod manufacturer.
  2. Saturate sod with fine water spray within 2 hours of planting. During first week, water daily or more frequently as necessary to maintain moist soil to a minimum depth of 1-1/2 inches (38 mm) below the sod.
- O. Edgings: ~~Install edgings where indicated and anchor with stakes driven below top elevation of edging according to manufacturer's recommendations.~~
- P. Disposal: Remove surplus soil and waste material, including excess subsoil, unsuitable soil, trash, and debris, and legally dispose of it off the Owner's property.

END OF SECTION 02900

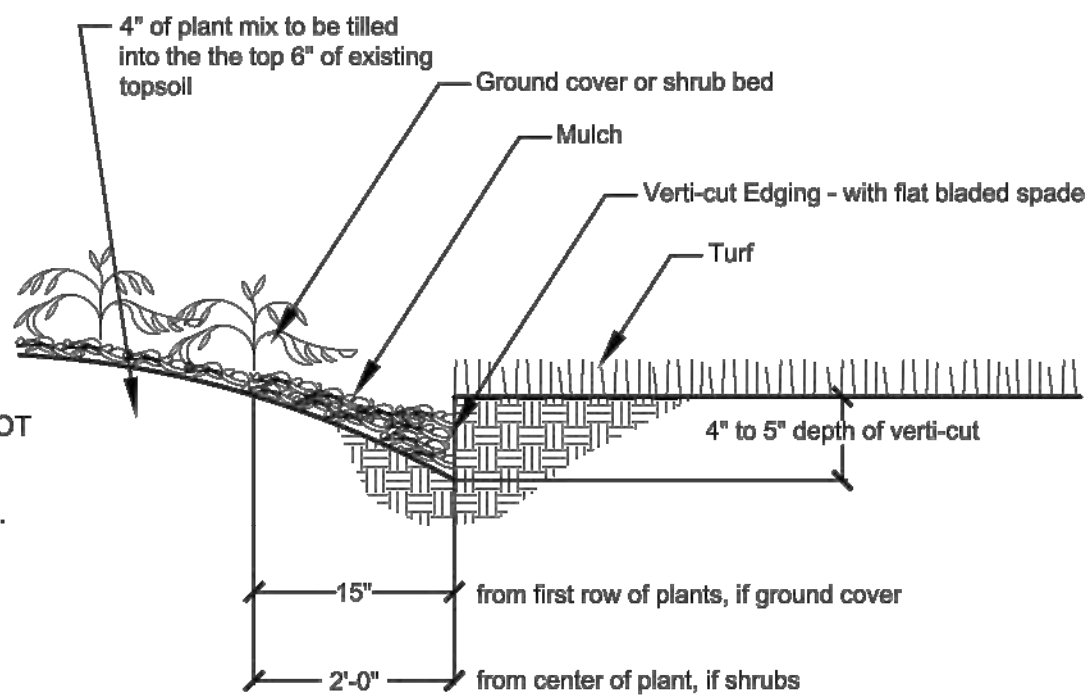
NOTE: ALL LANDSCAPE AREAS TO ENCOURAGE STORMWATER INFILTRATION.



1 TREE PLANTING DETAIL  
LS-2 NTS



2 SHRUB PLANTING DETAIL  
LS-2 NTS



NOTE: USE AT ALL HEDGES AND GROUND COVER BEDS WHERE THEY INTERFACE WITH TURF

3 PLANTING EDGE DETAIL  
LS-2 NTS



NOTE: TREE GATOR TO BE FILLED TWICE A WEEK UNTIL ESTABLISHED

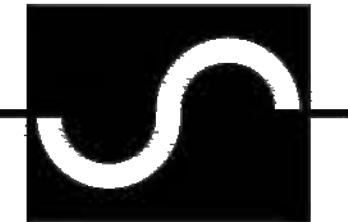
4 20 GALLON TREE GATOR  
LS-2 NTS

- NOTES:
1. AFTER PLANTING, PRUNE ONLY Crossover LIMBS, CO-DOMINANT LEADERS, BROKEN OR DEAD BRANCHES.
  2. WATER THOROUGHLY WHILE BACKFILLING TO ELIMINATE AIR POCKETS. RE-WATER AFTER PLANTING.
  3. REMOVE ALL STRING, TWINE AND TAGS FROM TRUNK AND BRANCHES.
  4. PENETRATE SUBSOIL BUT DO NOT PENETRATE ROOT BALL WITH STAKES.
  5. AFTER PLANTING, INSTALL 20-GALLON SLOW RELEASE WATERING BAG.

MODULAR BUILDING ADDITION  
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Drawn: GUY GRISSOM  
Checked:

Sheet Title:  
LANDSCAPE SPECS. & DETAILS

Drawing No.

LS-2