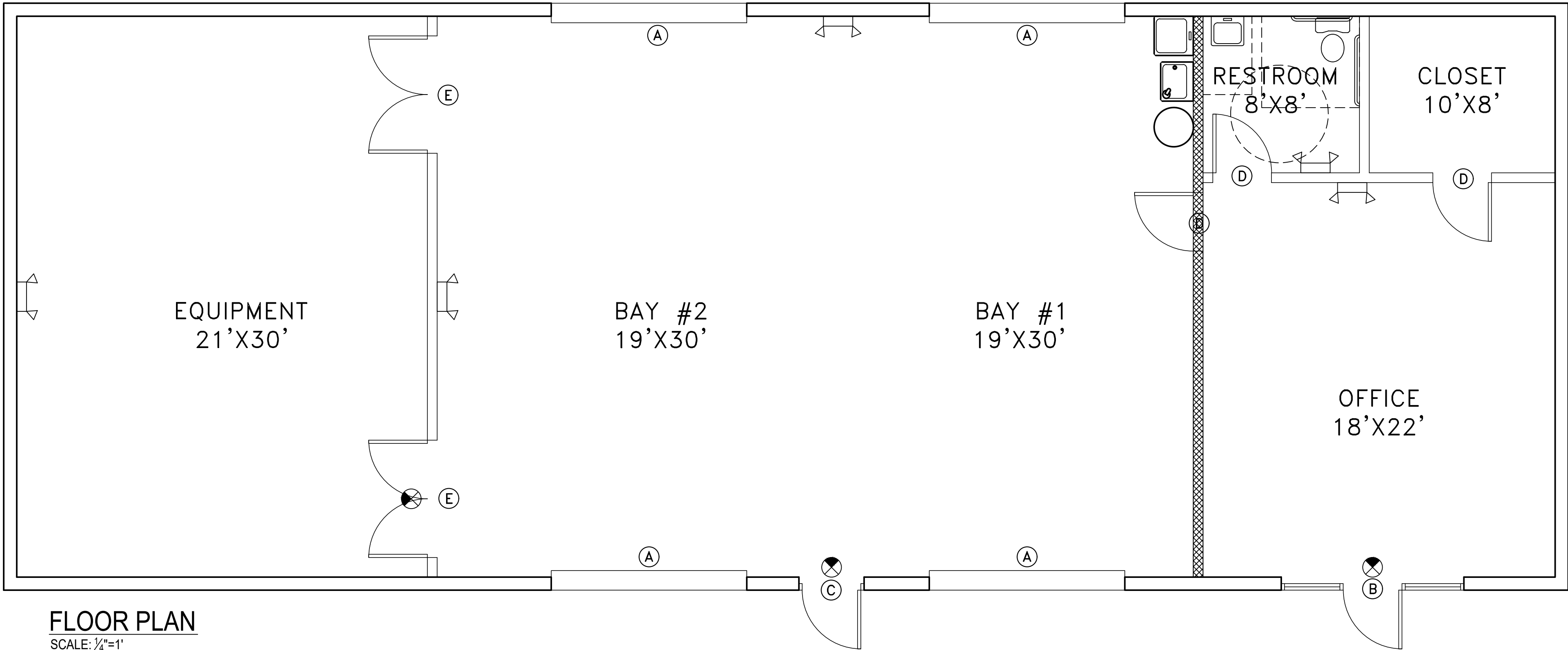
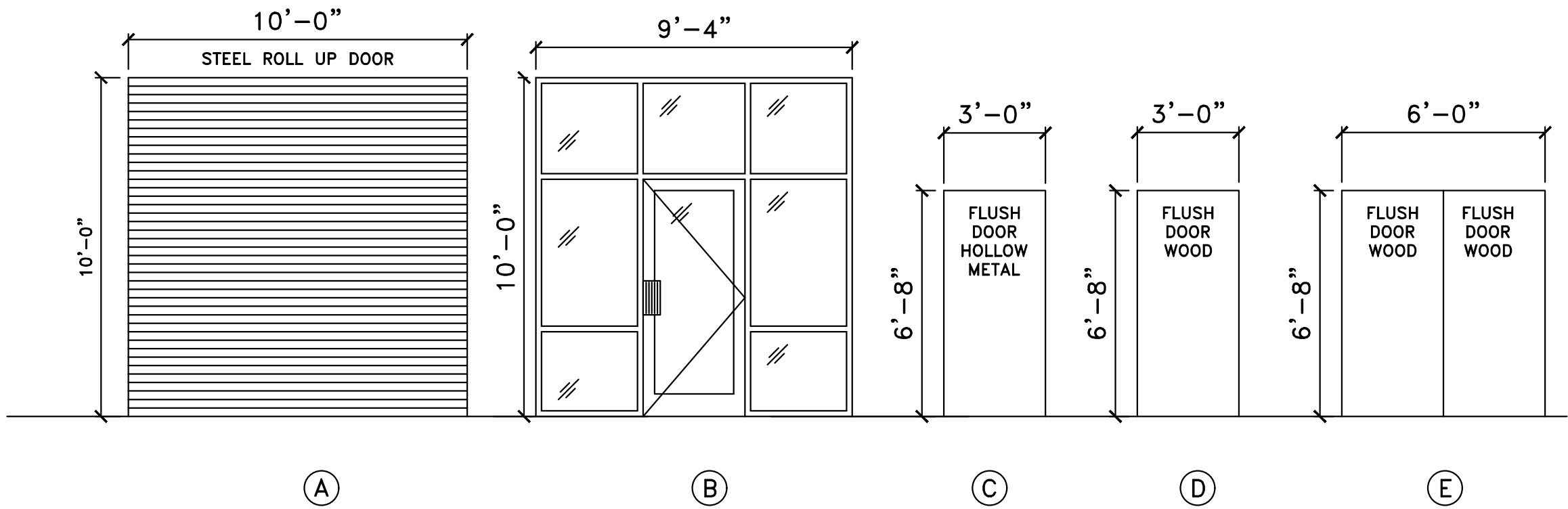




DOOR & FRAME SCHEDULE											
QTY.	DOOR		THICKNESS	FRAME							REMARKS
	TYPE	SIZE		MAT.	FIN.	TYPE	MAT.	FIN.	THRESHOLD	RATING	
4	A	10'-0"X10'-0"	=	STL	PT	-	STL	PT	-	-	-
1	B	3'-0"X7'-0"	-	AL/GL	MILL	-	ALUM	MILL	YES	-	THUMB LOCK - OPEN DURING BUSINESS HRS
1	C	3'-0"X7'-0"	1 3/4"	MTL	PT	MTL	MTL	PT	-	-	-
3	D	3'-0"X6'-8"	1 3/4"	SCWD	PT	WOOD	PT	PT	-	-	LEVERED PASSAGE - NO LOCK
2	E	3'-0"X6'-8"	1 3/4"	SCWD	PT	WOOD	PT	PT	-	-	THUMB LOCK - OPEN DURING BUSINESS HRS

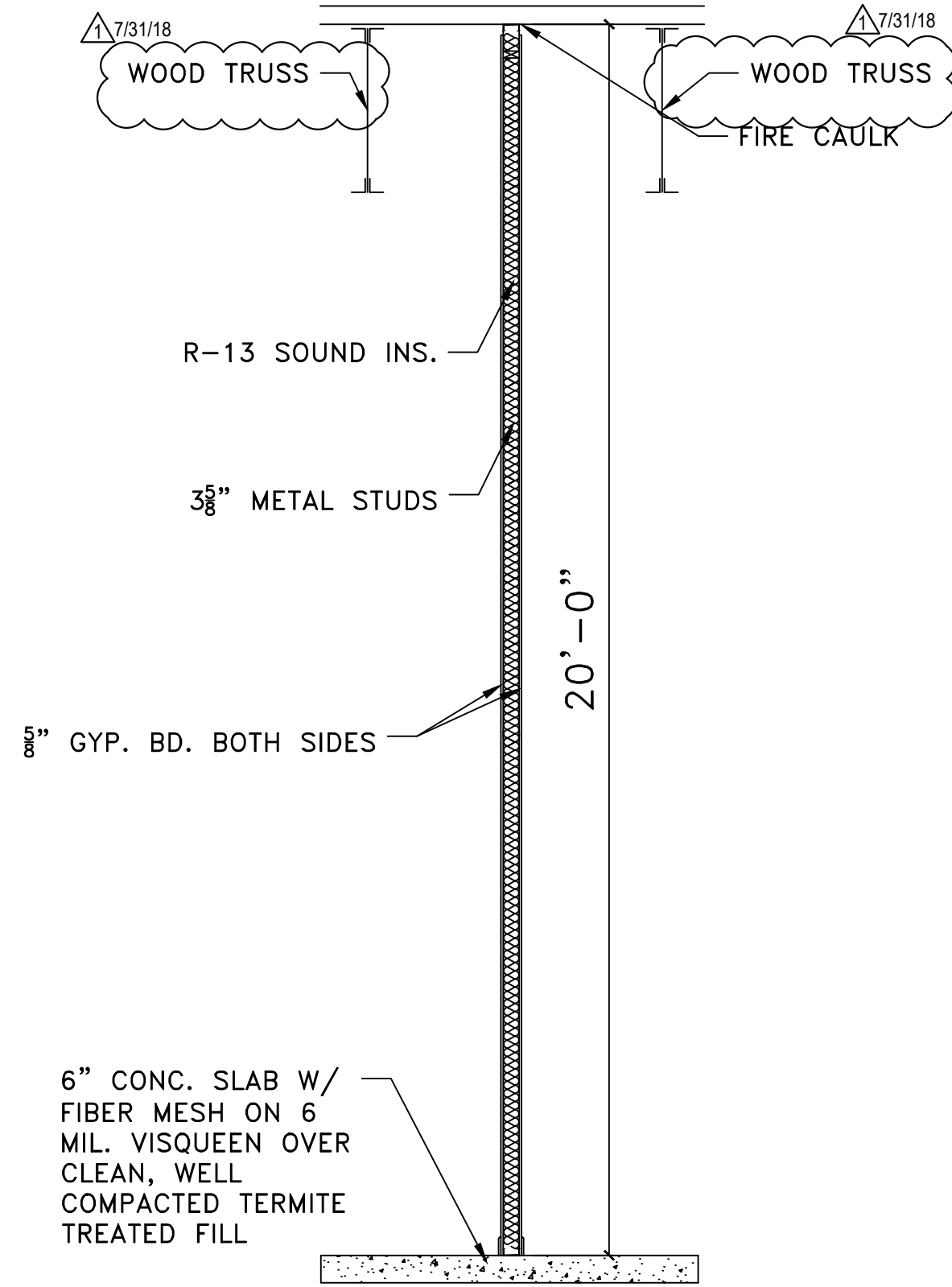


FLOOR PLAN
SCALE: 1/4"=1'

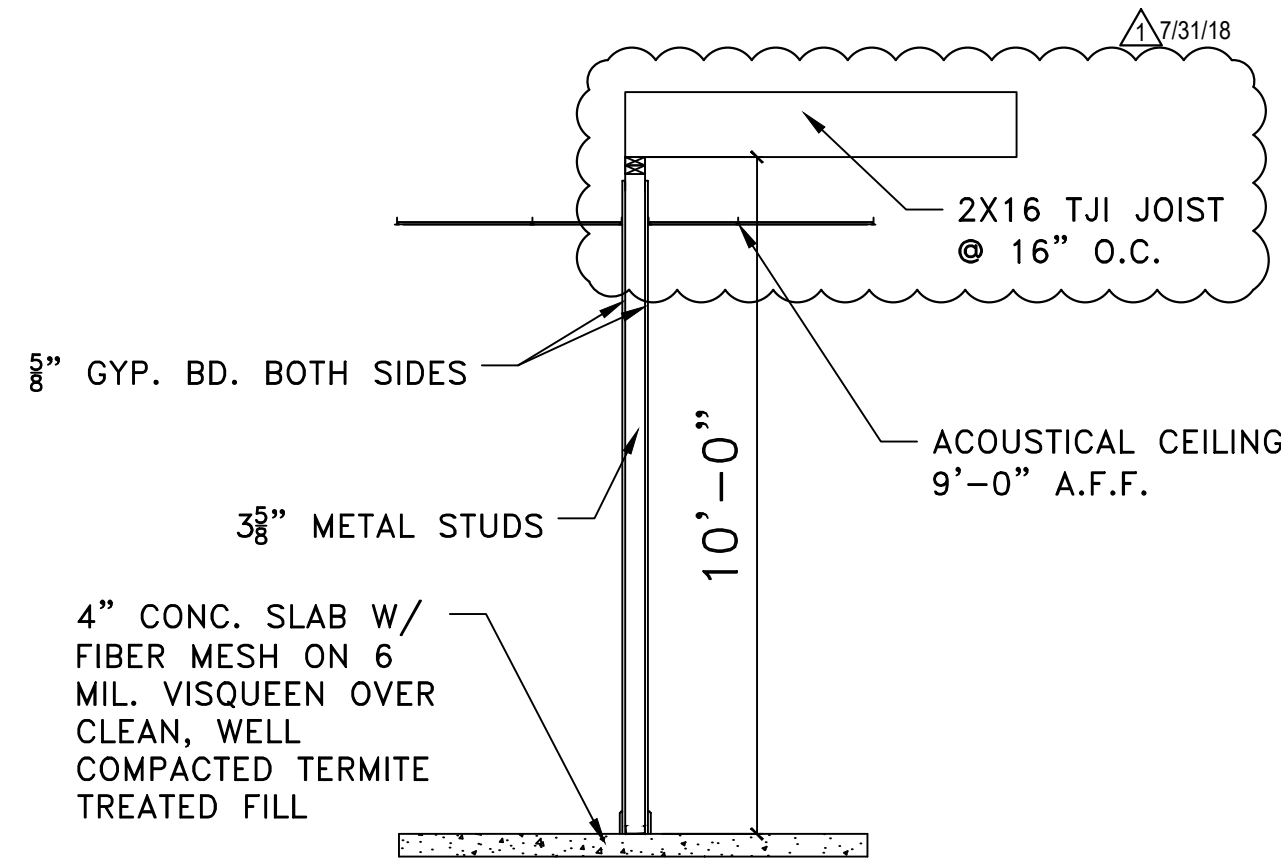


REV.	DATE	BY	DESCRIPTION

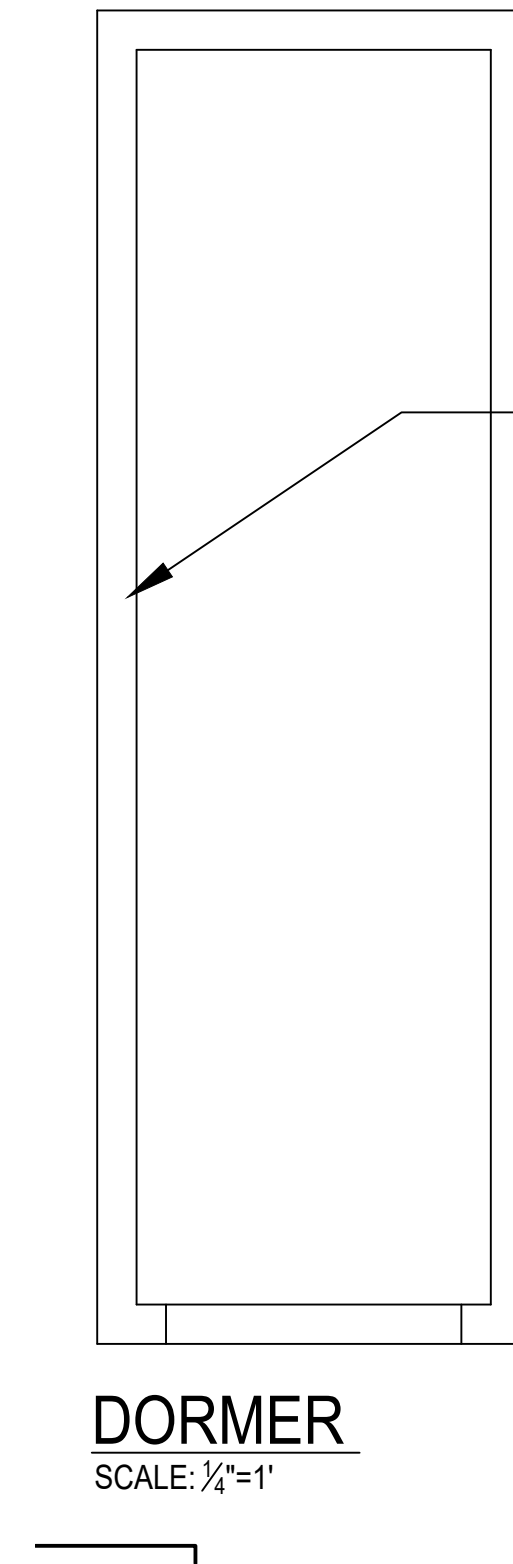
JOB NO.:	441
DRAWN BY:	KPL
DATE:	2/16/18
SCALE:	AS NOTED



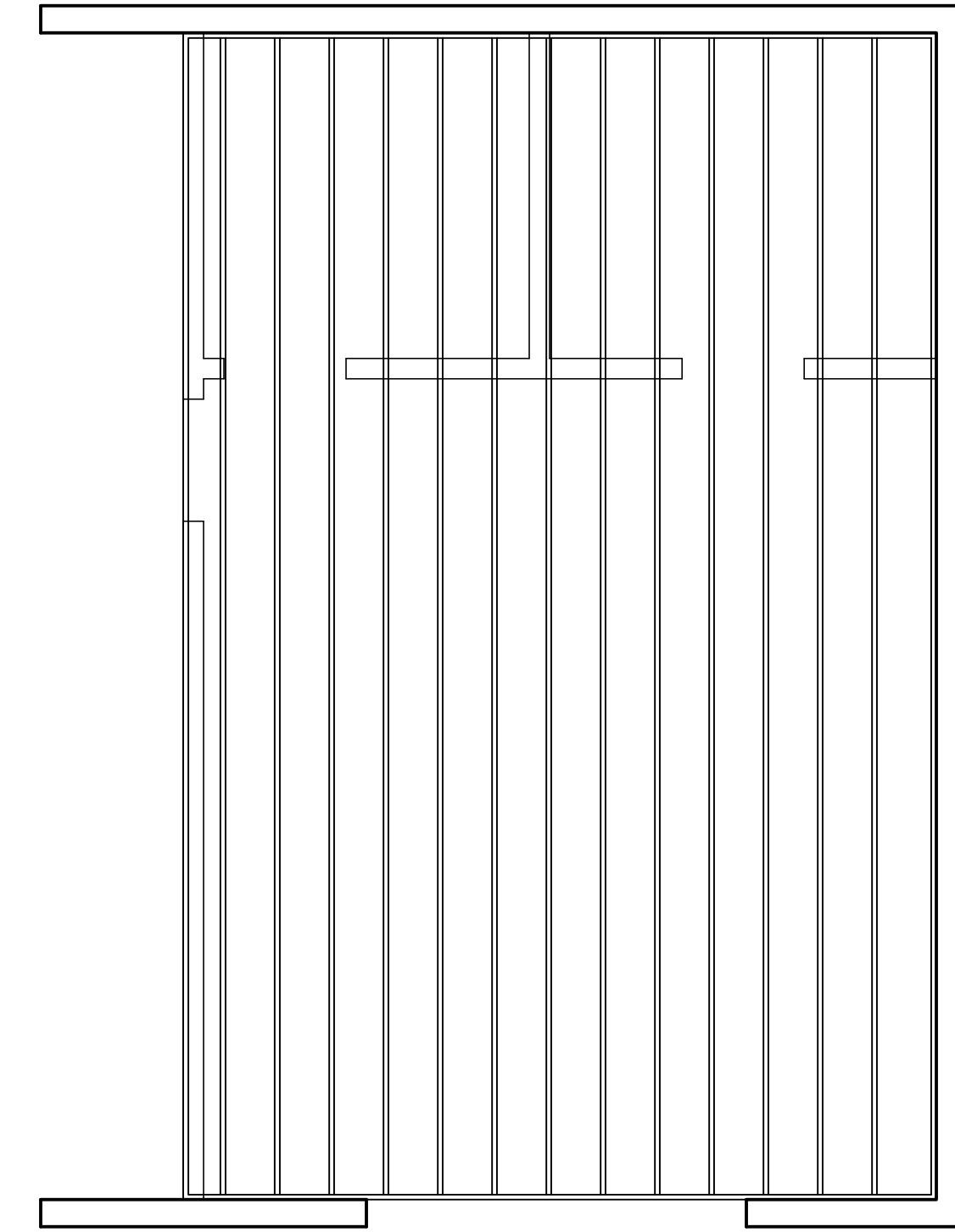
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A2 WALL DETAIL
SCALE: 1/4"=1'



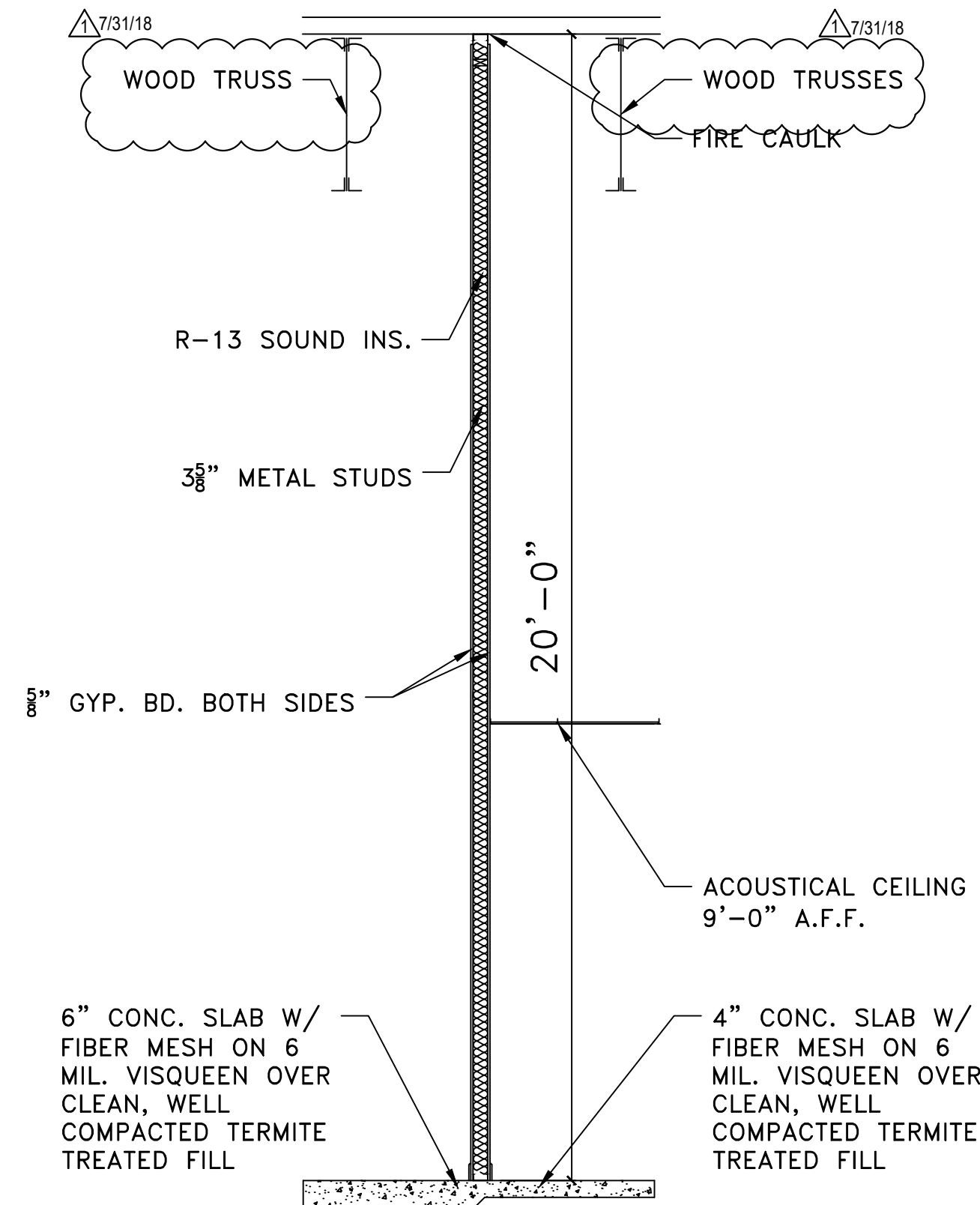
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A2 WALL DETAIL
SCALE: 1/4"=1'



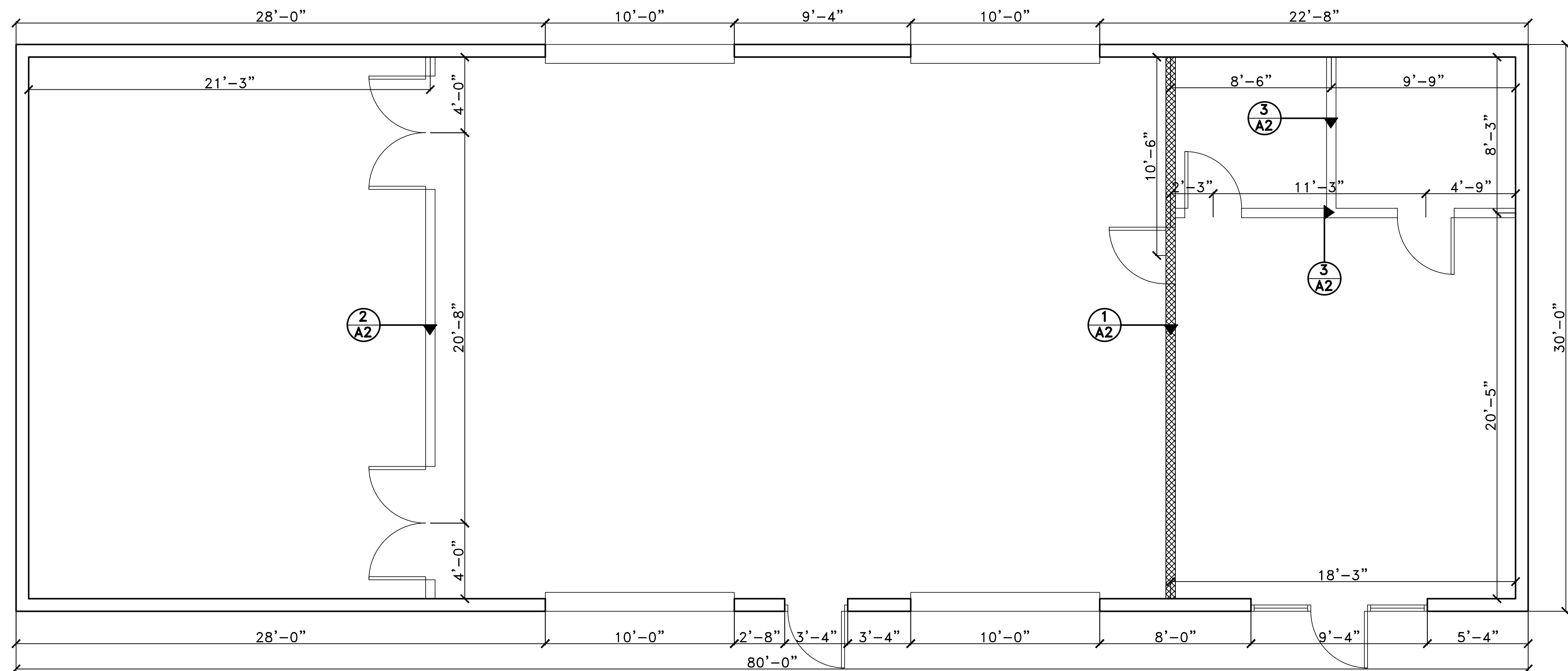
DORMER
SCALE: 1/4"=1'



FRAMING ABOVE OFFICE
SCALE: 1/4"=1'



1
A2 WALL DETAIL
SCALE: 1/4"=1'



FRAMING PLAN
SCALE: 1/4"=1'

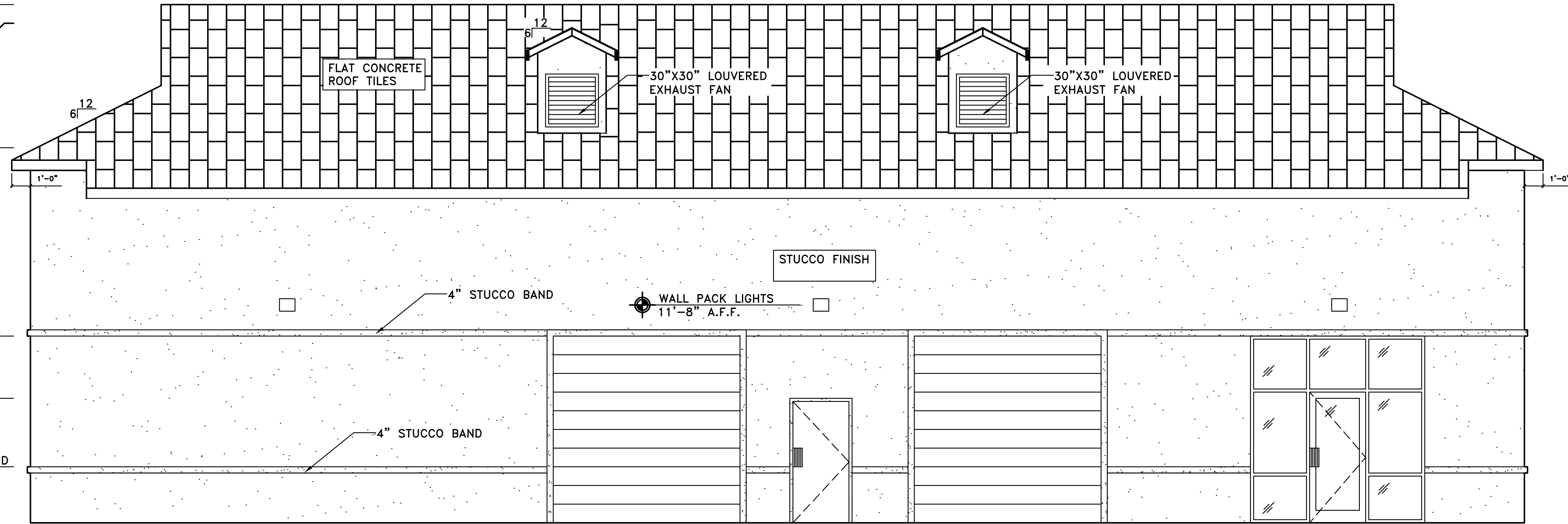
TOP OF ROOF
27'-9" A.F.F.
TOP OF DORMER
26'-9" A.F.F.

TOP OF BLOCK WALL
20'-0" A.F.F.

TOP OF DOOR/GLASS
10'-0" A.F.F.

TOP OF MAN DOOR
6'-8" A.F.F.

TOP OF STUCCO BAND
3'-0" A.F.F.

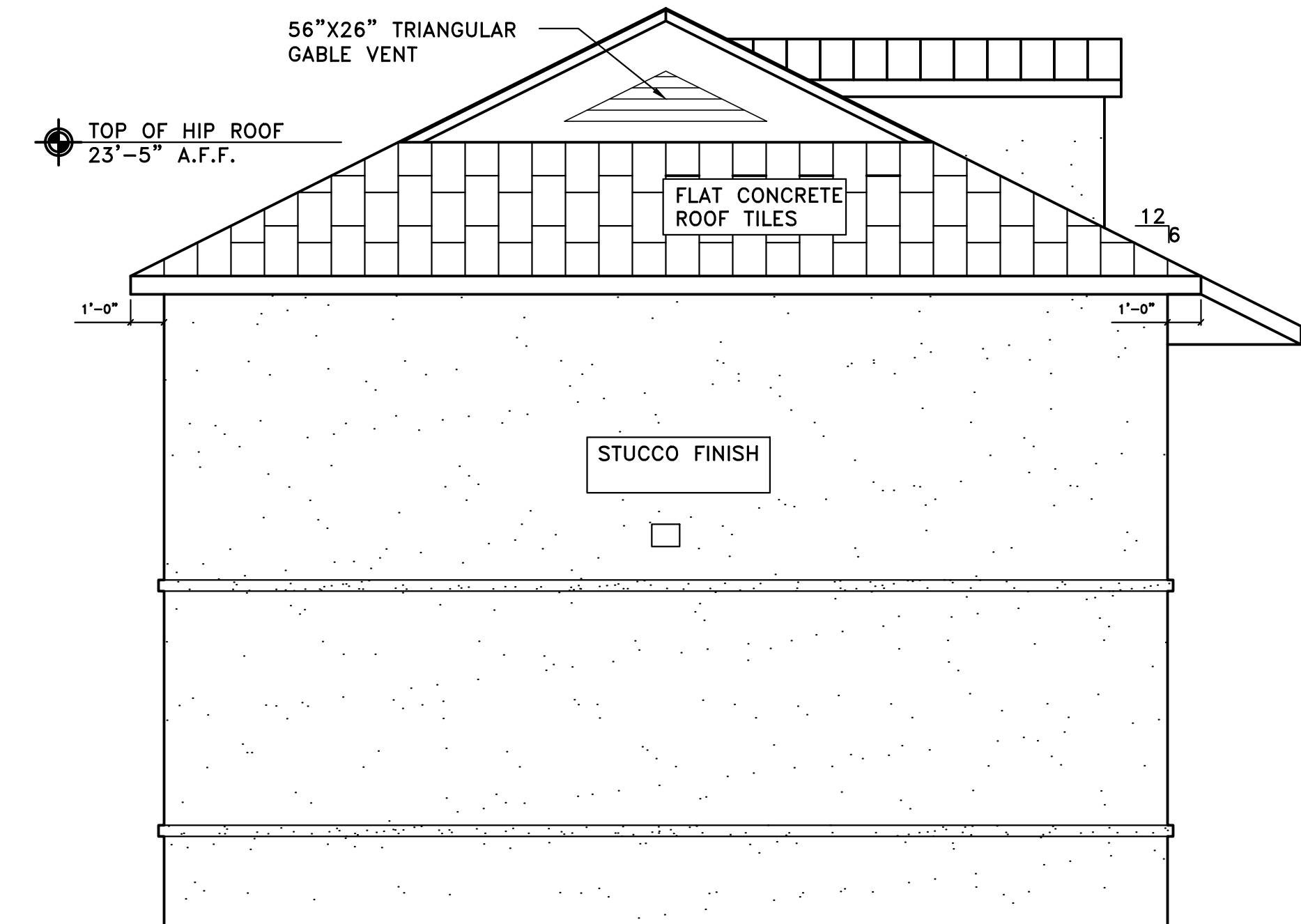
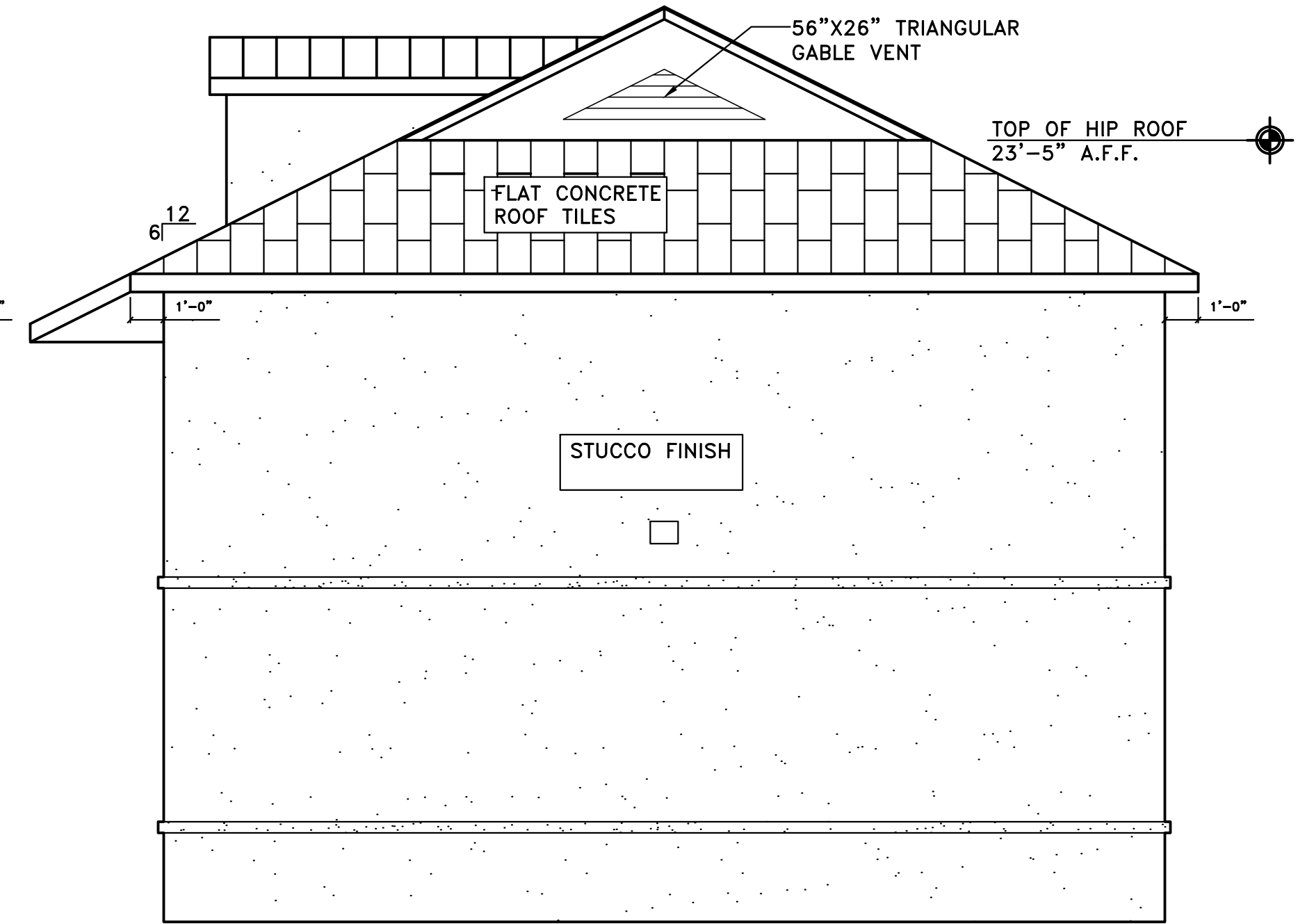
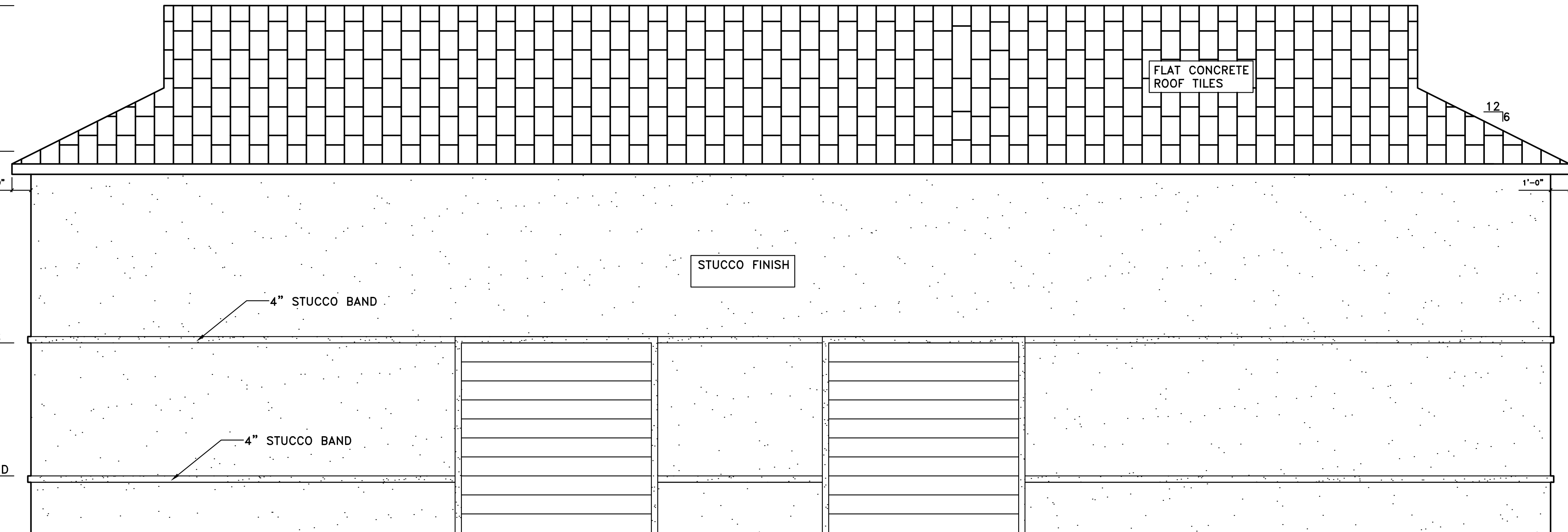


TOP OF ROOF
27'-9" A.F.F.

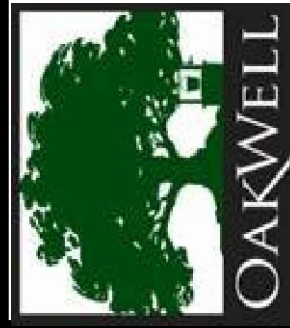
TOP OF BLOCK WALL
20'-0" A.F.F.

TOP OF DOOR/GLASS
10'-0" A.F.F.

TOP OF STUCCO BAND
3'-0" A.F.F.



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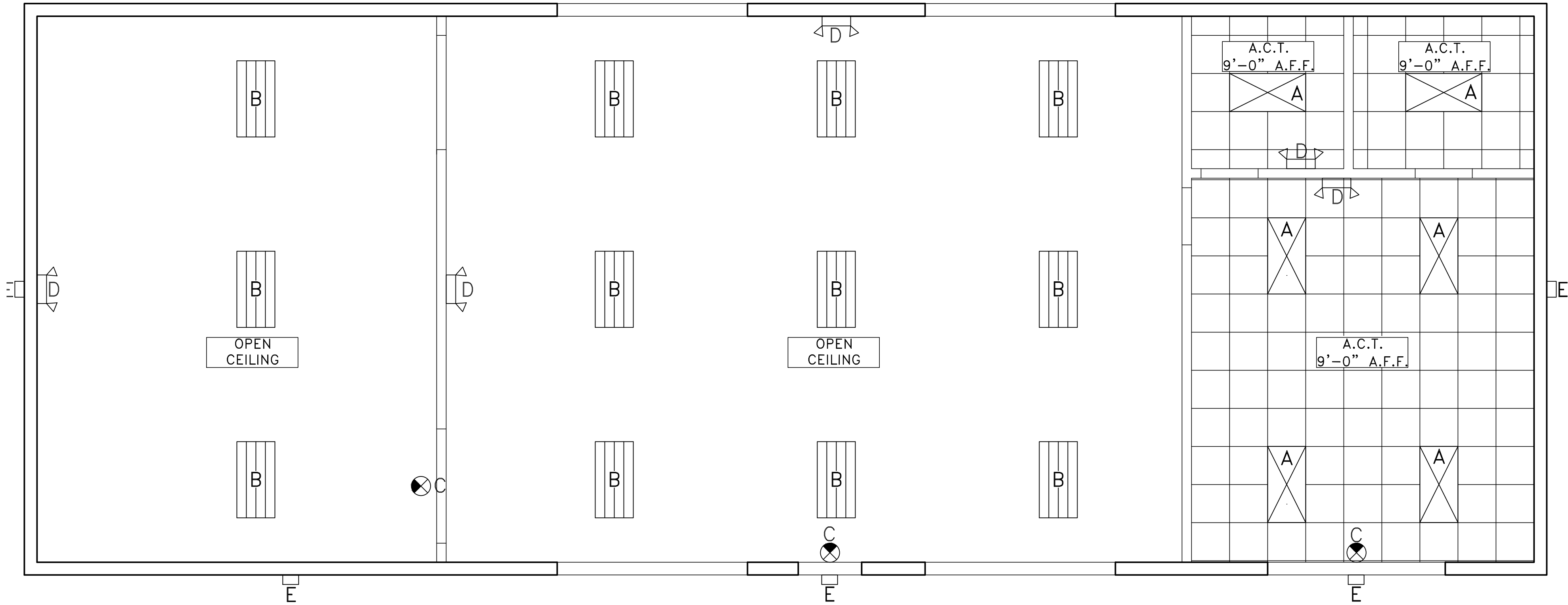
AVIATTON AUTO

EXTERIOR
ELEVATIONS

REV.	DATE	BY	DESCRIPTION

JOB NO.: 441
DRAWN BY: KPL
DATE: 2/16/18
SCALE: AS NOTED

A3
DRAWING NO.



CEILING PLAN
SCALE: 1/4"=1'

JOB NO.:	441
DRAWN BY:	KPL
DATE:	2/16/18
SCALE:	AS NOTED

A4
DRAWING NO.

CEILING
PLAN

AVIATTON AUTO

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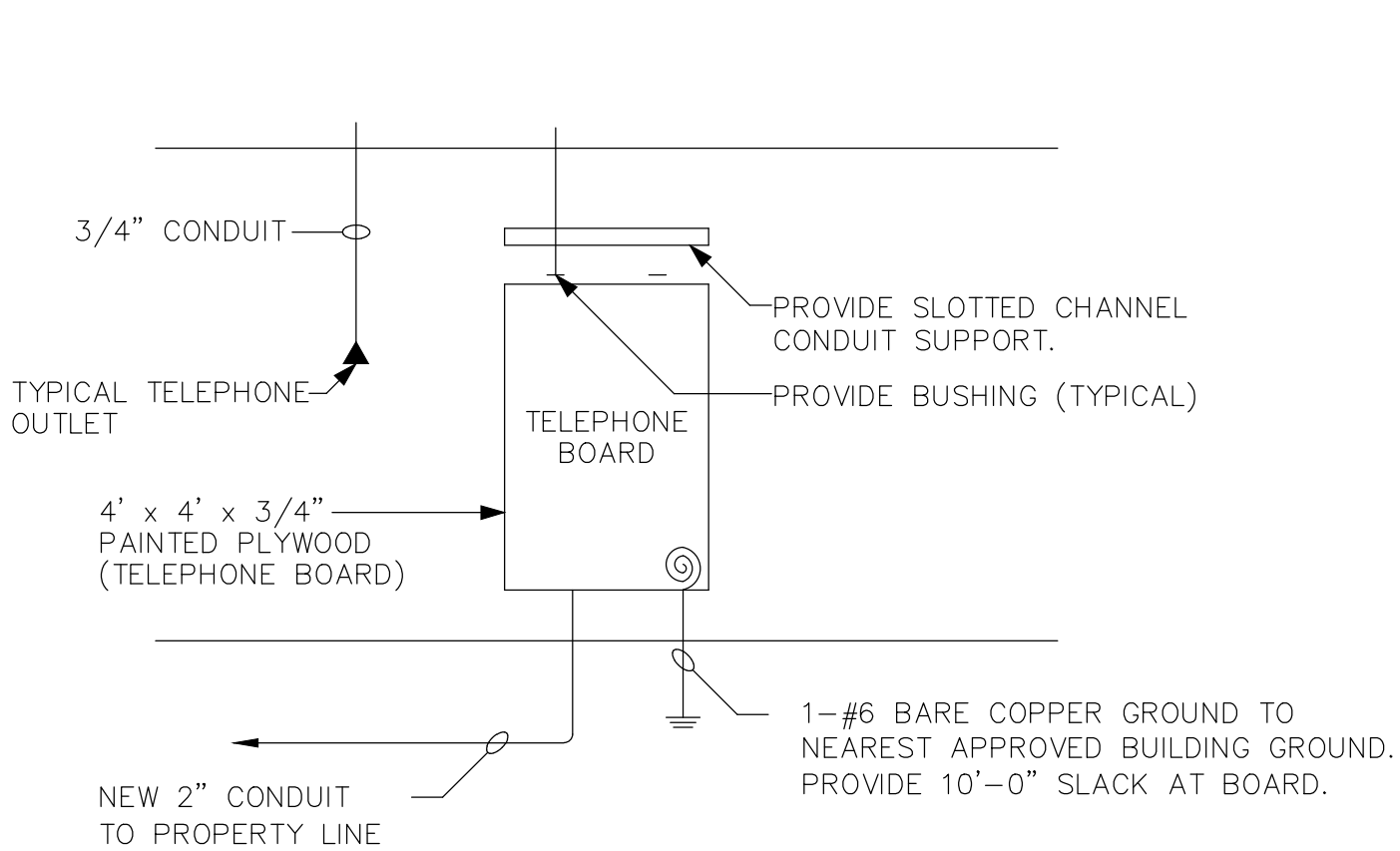


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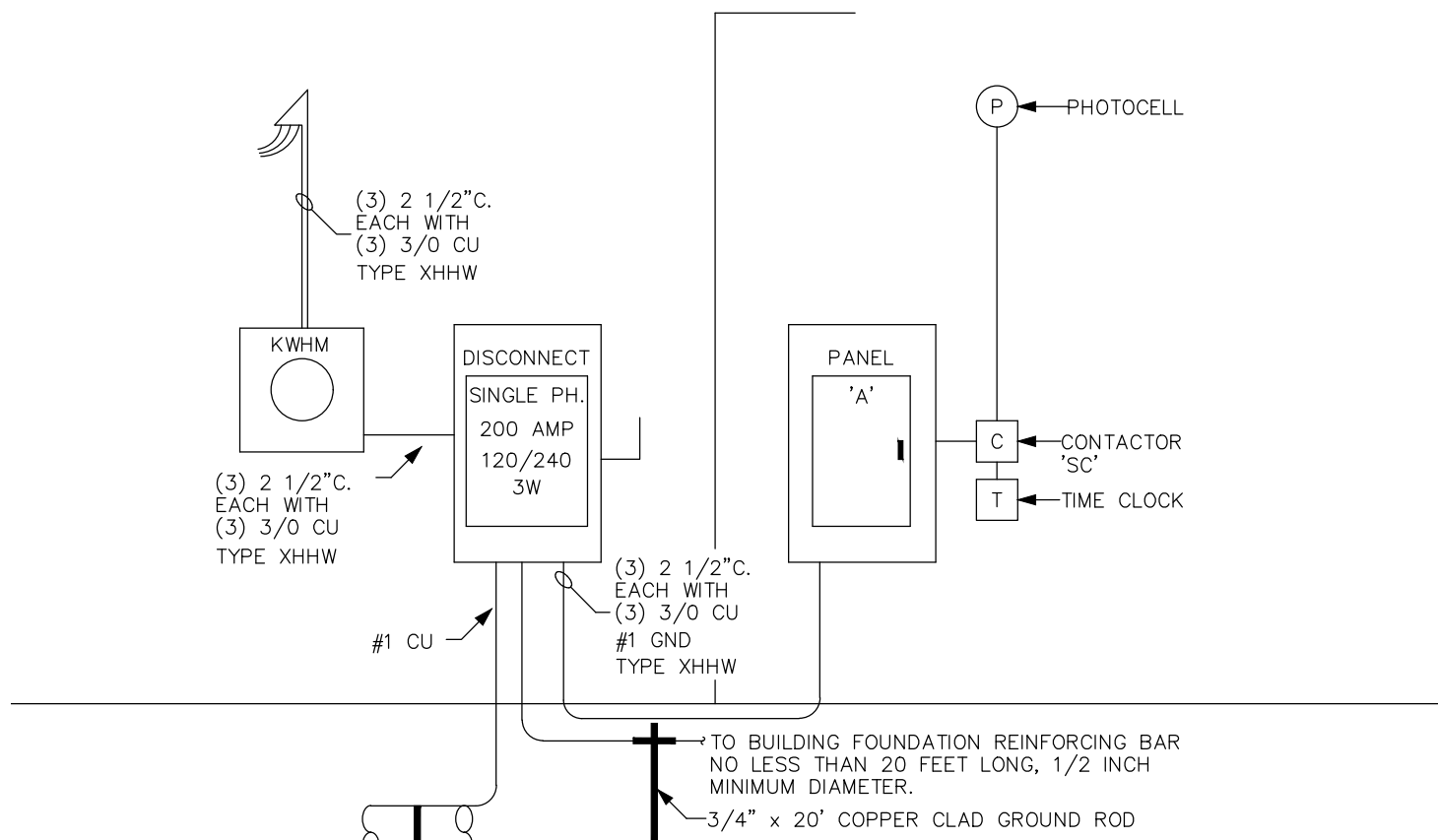
ELECTRICAL NOTES:

- ELECTRICAL SERVICE AND INSTALLATION SHALL CONFORM OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE APPLICABLE STATE AND LOCAL CODES AND LOCAL UTILITY COMPANY REQUIREMENTS.
- CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS OF THE SERVICE WITH THE UTILITY COMPANY PRIOR TO BID. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATIONS AND REQUIREMENTS OF TRANSFORMERS, POLES, SERVICE EQUIPMENT AND OBTAIN ALL NECESSARY APPROVALS FROM THE UTILITY COMPANY PRIOR TO COMMENCEMENT OF WORK. UTILITIES SHOWN ON DRAWINGS ARE TO BE USED AS A GUIDELINE ONLY AND MAY NOT NECESSARILY BE APPROVED. FINAL APPROVALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL COORDINATE ALL CONDUIT ROUTING WITH OTHER TRADES PRIOR TO ROUGH IN TO DETERMINE ROUTES THAT WILL NOT INTERFERE WITH OTHER TRADES.
- ALL LIGHT SWITCHES SHALL BE MOUNTED AS CLOSE TO ADJACENT DOOR FRAME AS POSSIBLE.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES. REFER TO ARCHITECTURAL, MECHANICAL, AND CIVIL DRAWINGS IN ORDER TO BE AWARE OF CONDITIONS AFFECTING ELECTRICAL WORK.
- CONTRACTOR SHALL COORDINATE ALL MECHANICAL EQUIPMENT CONNECTIONS WITH MECHANICAL CONTRACTOR AND EQUIPMENT SUBMITTALS PRIOR TO ROUGH IN FOR EXACT LOCATIONS, CIRCUIT SIZES, AND BREAKER REQUIREMENTS. NOTIFY ARCHITECT OF ANY CHANGES TO CONTRACT PRICE IF WIRE SIZE INCREASES.
- PROVIDE ALL REQUIRED CONNECTORS, LUGS AND OXIDE INHIBITORS FOR USE WITH ALUMINUM CONDUCTORS, METER CENTER LUGS SHALL BE SUITABLE FOR USE WITH ALUMINUM AND COPPER CONDUCTORS.

SURFACE MOUNTED 208Y/120V/30,4W						PANEL DESIGNATION PANEL P SIEMANS TYPE "EQ" 10,000 A.I.C. (INTEGRATED)										MLO 200A			
CIR #	TRIP	POLES	WIRE	GND WIRE	COND	LOAD	LOAD	COND	GND WIRE	WIRE	POLES	TRIP	CIR #						
1	20	2	2#12	1#12	1/2"	WATER HEATER (W.H.)	DATA RECEPTACLES	1/2"	1#12	2#12	1	20	2						
3							OFFICE RECEPTACLES	1/2"	1#12	2#12	1	20	4						
5	20	1	2#12	1#12	1/2"	GARAGE RECEPTACLE	EQUIPMENT RECEPTACLE	1/2"	1#12	2#12	1	20	6						
7	20	1	2#12	1#12	1/2"	GARAGE RECEPTACLE	EQUIPMENT RECEPTACLE	1/2"	1#12	2#12	1	20	8						
9	20	1	2#12	1#12	1/2"	GARAGE RECEPTACLE	EQUIPMENT RECEPTACLE	1/2"	1#12	2#12	1	20	10						
11	20	1	2#12	1#12	1/2"	GARAGE RECEPTACLE	EQUIPMENT RECEPTACLE	1/2"	1#12	2#12	1	20	12						
13	20	1	2#12	1#12	1/2"	GARAGE RECEPTACLE	EQUIPMENT RECEPTACLE	1/2"	1#12	2#12	1	20	14						
15	20	1	2#12	1#12	1/2"	GARAGE RECEPTACLE	EQUIPMENT RECEPTACLE	1/2"	1#12	2#12	1	20	16						
17	20	1	2#12	1#12	1/2"	GARAGE RECEPTACLE	EQUIPMENT RECEPTACLE	1/2"	1#12	2#12	1	20	18						
19	20	1	2#12	1#12	1/2"	GARAGE RECEPTACLE	EQUIPMENT RECEPTACLE	1/2"	1#12	2#12	1	20	20						
21	20	1	2#12	1#12	1/2"	GARAGE RECEPTACLE	EQUIPMENT RECEPTACLE	1/2"	1#12	2#12	1	20	22						
23	20	1	2#12	1#12	1/2"	GARAGE RECEPTACLE	EQUIPMENT RECEPTACLE	1/2"	1#12	2#12	1	20	24						
25	20	1	2#12	1#12	1/2"	GARAGE RECEPTACLE	CLOSET RECEPTACLES	1/2"	1#12	2#12	1	20	26						
27	20	1	2#12	1#12	1/2"	GARAGE RECEPTACLE	EQUIPMENT LIGHTS	1/2"	1#12	2#12	1	20	28						
29	40	2	3#8	1#10	3/4"	AIR COMPRESSOR	GARAGE LIGHTS	1/2"	1#12	2#12	1	20	30						
31							OFFICE LIGHTS	1/2"	1#12	2#12	1	20	32						
33	60	2	3#8	1#10	3/4"	AIR HANDLER UNIT (A.H.U.)	EXHAUST FANS	1/2"	1#12	2#12	1	20	34						
35							SPARE						36						
37	50	2	3#8	1#10	3/4"	HEAT PUMP	SPARE					38							
39							SPARE						40						
41	20	1	2#12	1#12	1/2"	SERVICE RECEPTACLE	SPARE						42						

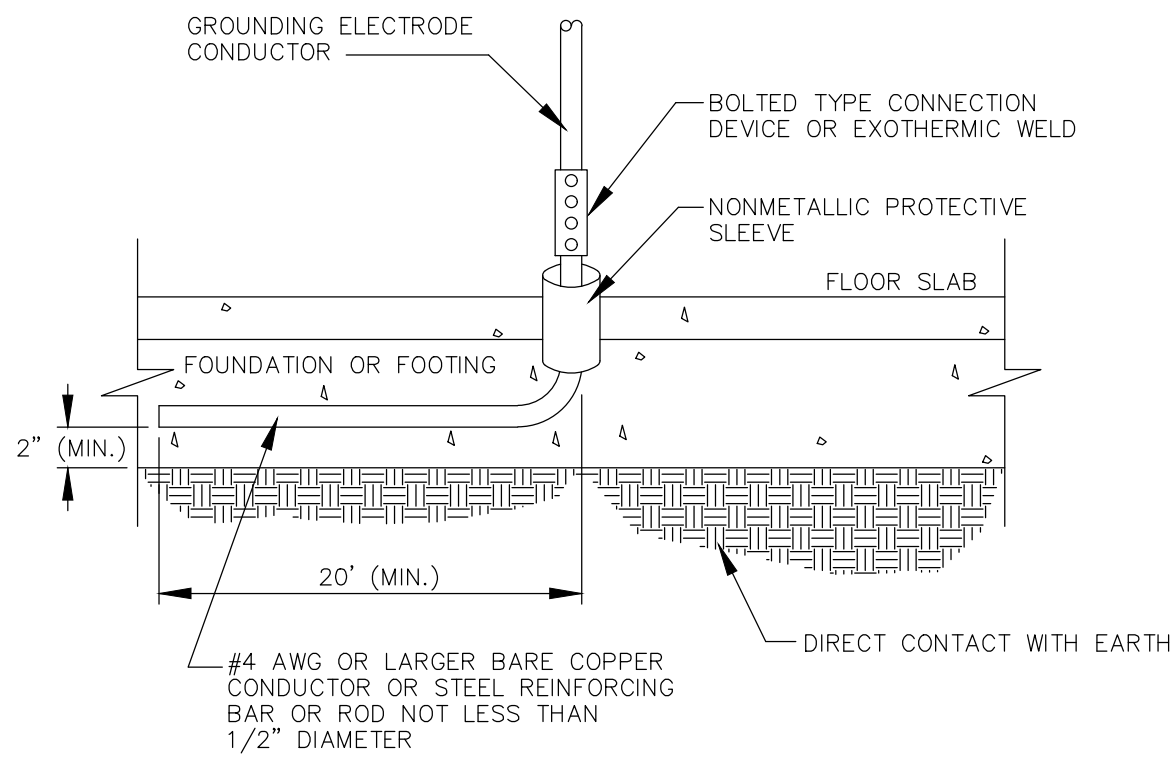


TELEPHONE RISER DIAGRAM
NOT TO SCALE



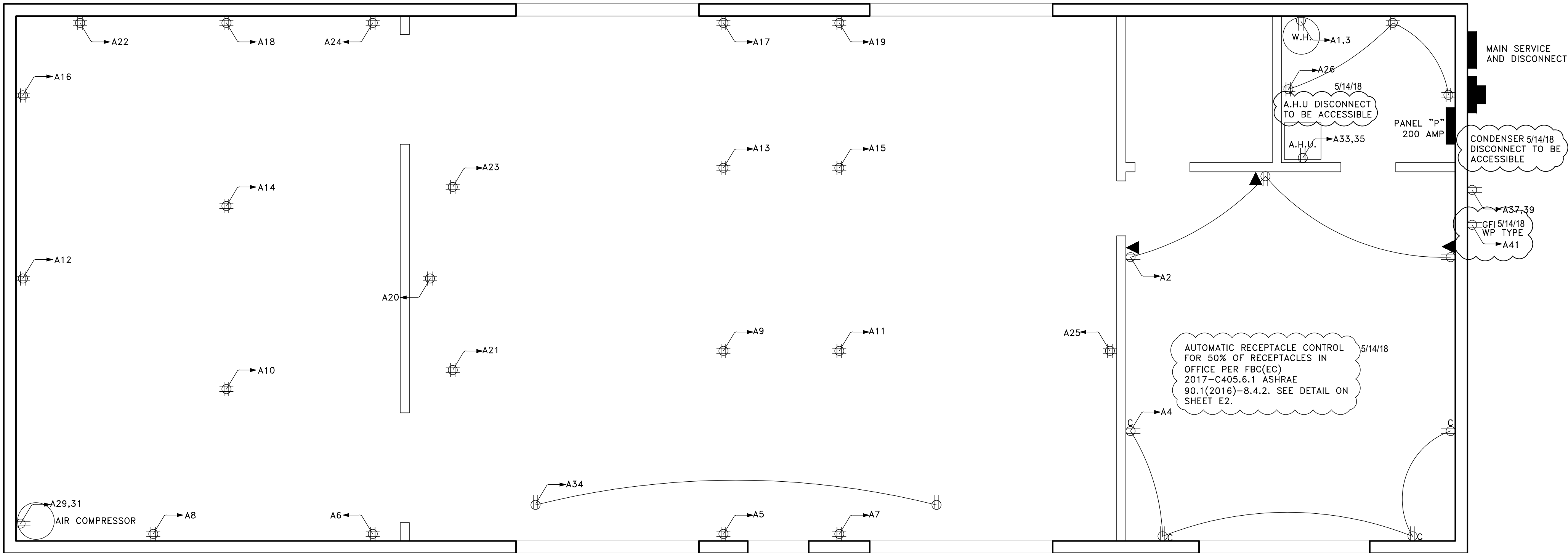
POWER RISER DIAGRAM
NOT TO SCALE

GROUNDING DETAIL

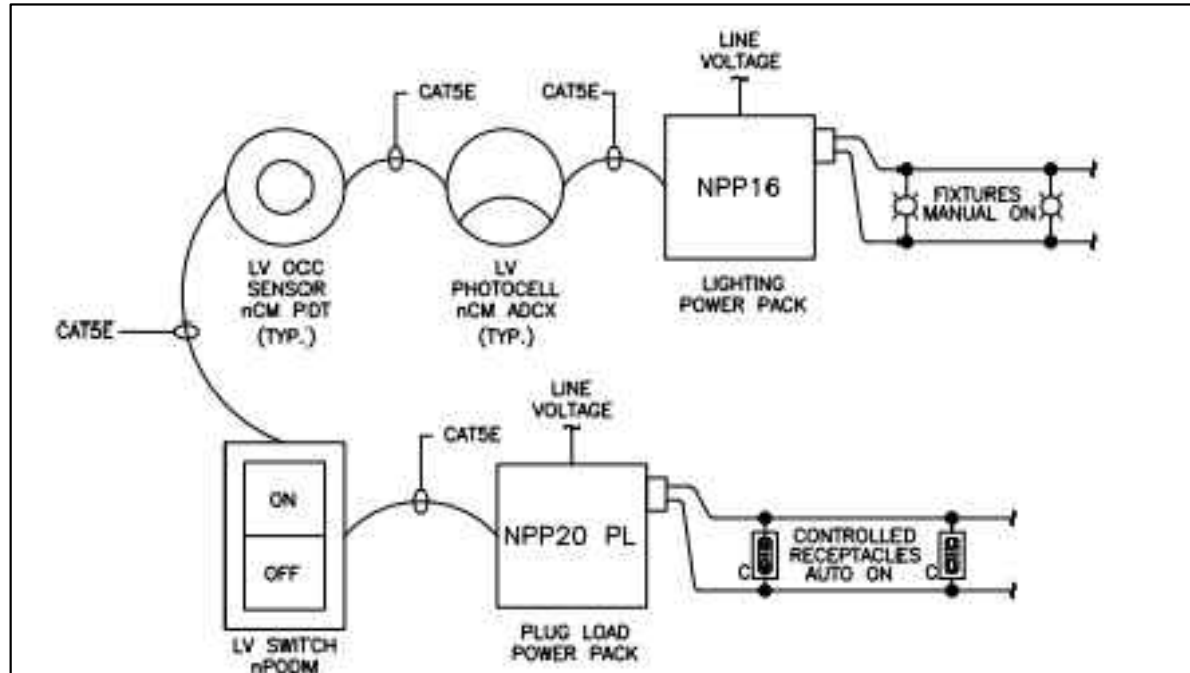


NOTES:

- SHOULD THIS PIECE OF REBAR OR COPPER ROD BE LEFT OUT OF THE SLAB OR FOOTER, A SUITABLE SUBSTITUTE GROUND CONSISTING OF A CONDUCTOR SIZED PER N.E.C. 250-94, (BARE COPPER) ENCRINGLING THE ENTIRE BUILDING WILL BE INSTALLED 30" BELOW FINISHED GRADE.
- A BONDING POINT MUST BE MADE AVAILABLE FOR OTHER EQUIPMENT WHICH REQUIRES GROUNDING ACCORDING TO N.E.C. SECTION 250-70(s)

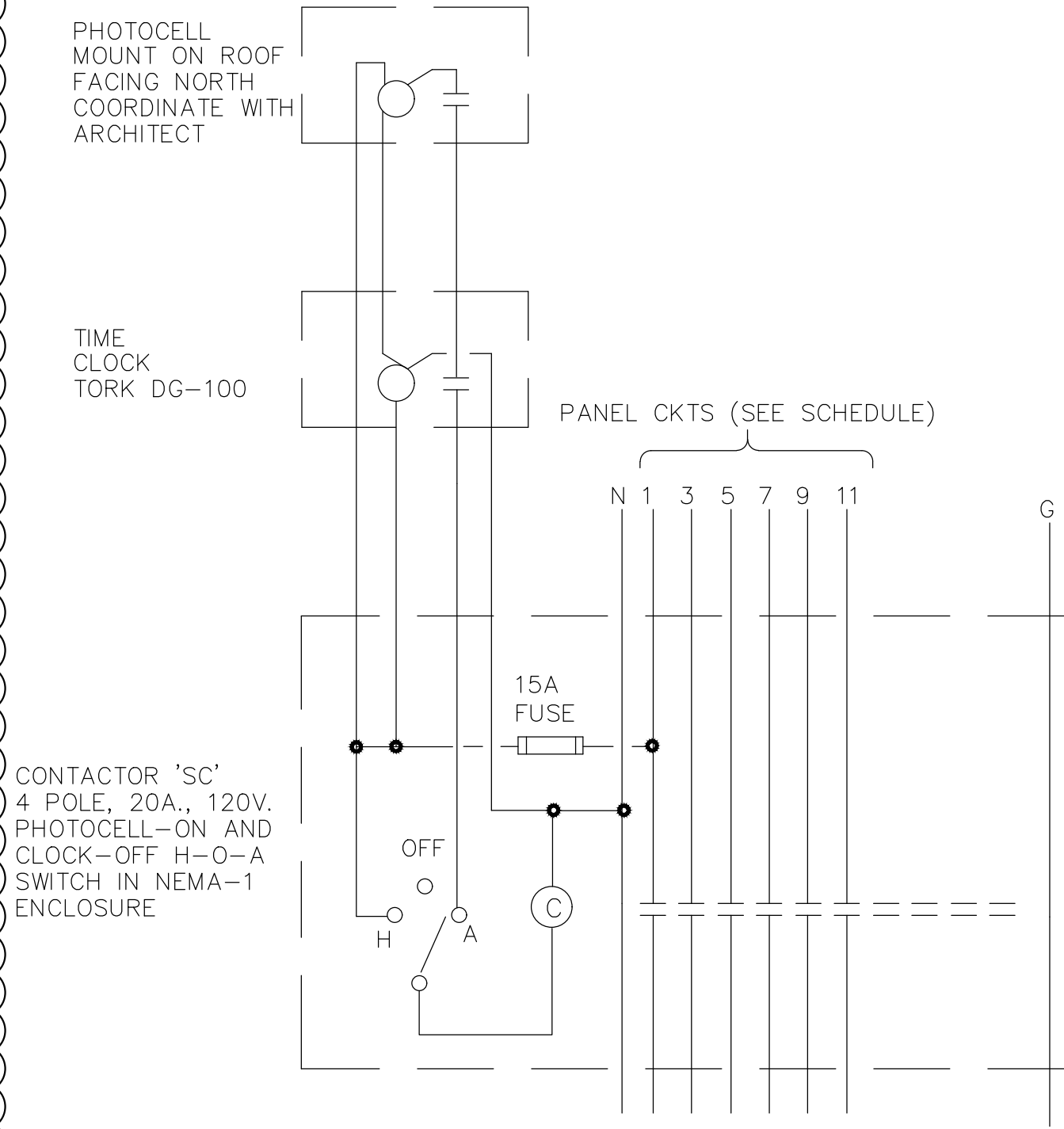


ELECTRICAL PLAN
SCALE: 1/4" = 1'



- NOTES:
1. BASIS OF DESIGN FOR ROOM CONTROLS IS nLIGHT nPODM AND NPP16 POWER PACK FOR ROOM CONTROLS FOR LIGHTING AND NPP20 PL PLUG LOAD CONTROLLER FOR RECEPTACLES. LIGHTING SHALL BE MANUAL ON AND CONTROLLED RECEPTACLES SHALL BE AUTO ON. CONFIRM REQUIREMENTS WITH MANUFACTURER.
 2. SWITCH SHALL BE CAPABLE OF TURNING OFF THE CONTROLLED LIGHTING ZONE MANUALLY.
 3. REDUCE OR ADD SWITCHES AND OCCUPANCY SENSORS, AND PHOTOCELLS TO MATCH QUANTITY SHOWN IN DRAWING.
 4. ADD SWITCHING ZONES OR SCENES AS REQUIRED PER THE DRAWINGS.
 5. IF ROOM REQUIRES DIMMING OR DAYLIGHT HARVESTING, USE nPODM DX LOW VOLTAGE WALL DIMMER AND nPP16 D POWER PACK.

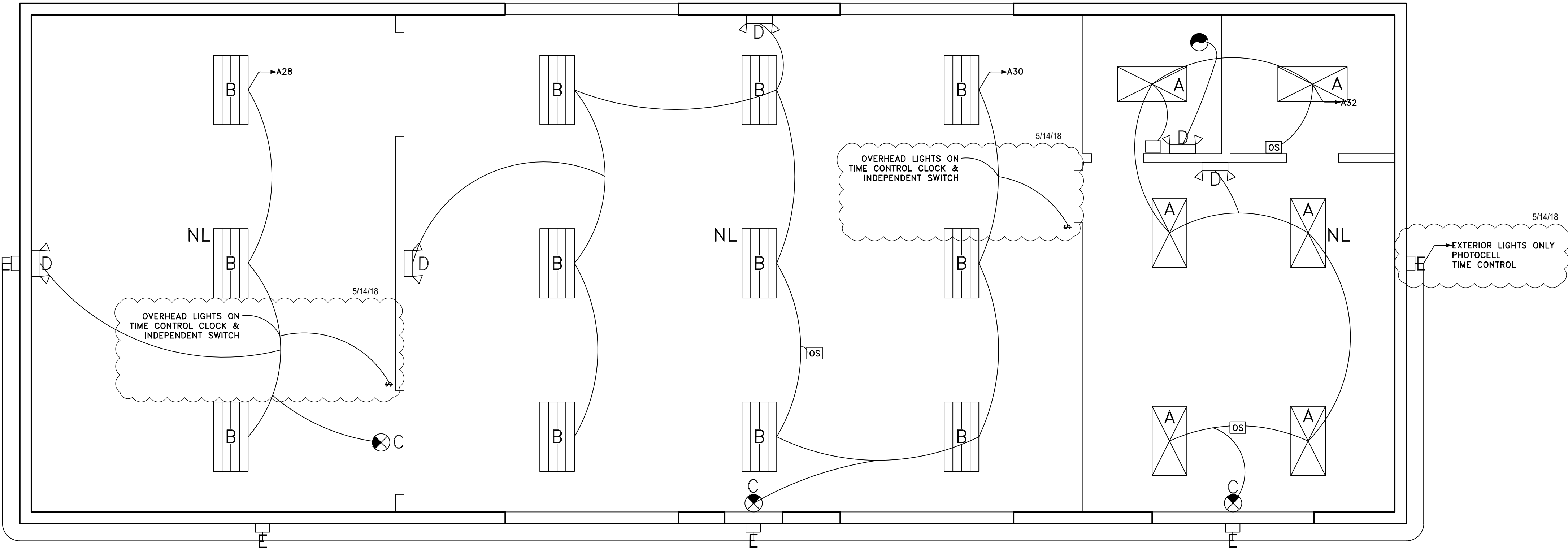
LIGHTING CONTROL DETAIL - NON LIGHT FIXTURES
N.T.S.



EXTERIOR LIGHTING CONTROL
NOT TO SCALE

LIGHTING FIXTURE SCHEDULE						
TYPE	MANUF.	CAT. NUMBER	LAMP SIZE	VOLTS	MTG. HT.	REMARKS
A	LITHONIA	2GT8 432 A12 PWPL GEB	F032 T8 4100K	120	CEILING	2 X 4 RECESSED
B	TAMLITE	HORT8632MVL	6-32W T8	120	CEILING	HIGH BAY
C	LITHONIA	LHQM LED R M6	WITH UNIT	120	ABOVE DOOR	EXIT SIGN - SEE LEGEND
D	LITHONIA	ELM2	WITH UNIT	120	WALL	EMERGENCY LIGHT
E	LITHONIA	OWPC 150M TB LPI	WITH UNIT	120	WALL	WALL PACK

NL: NIGHT LIGHT



LIGHTING PLAN
SCALE: 1/8" = 1'

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AVIATTON AUTO

LIGHTING PLAN

REV.	DATE	BY	CR	CITY REVIEW COMMENTS DESCRIPTION
1	5/14/18	KPL		

JOB NO.: 441
DRAWN BY: KPL
DATE: 2/16/18
SCALE: AS NOTED

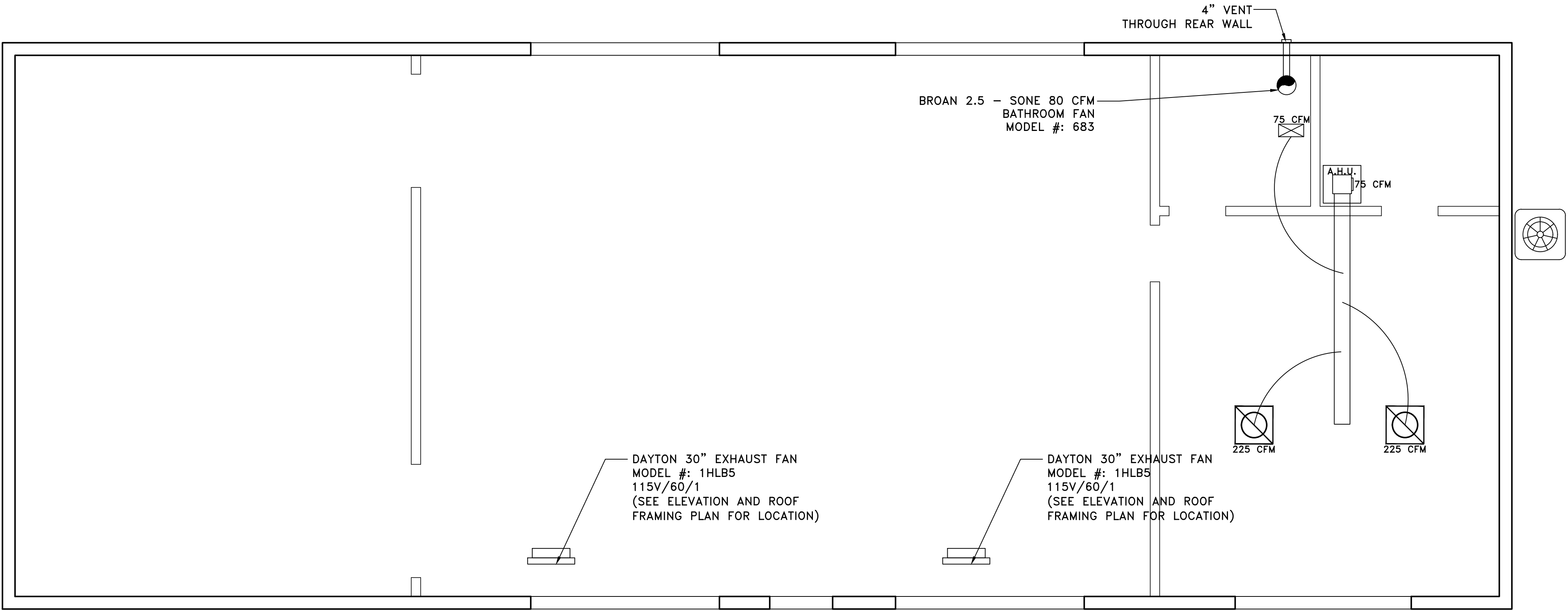
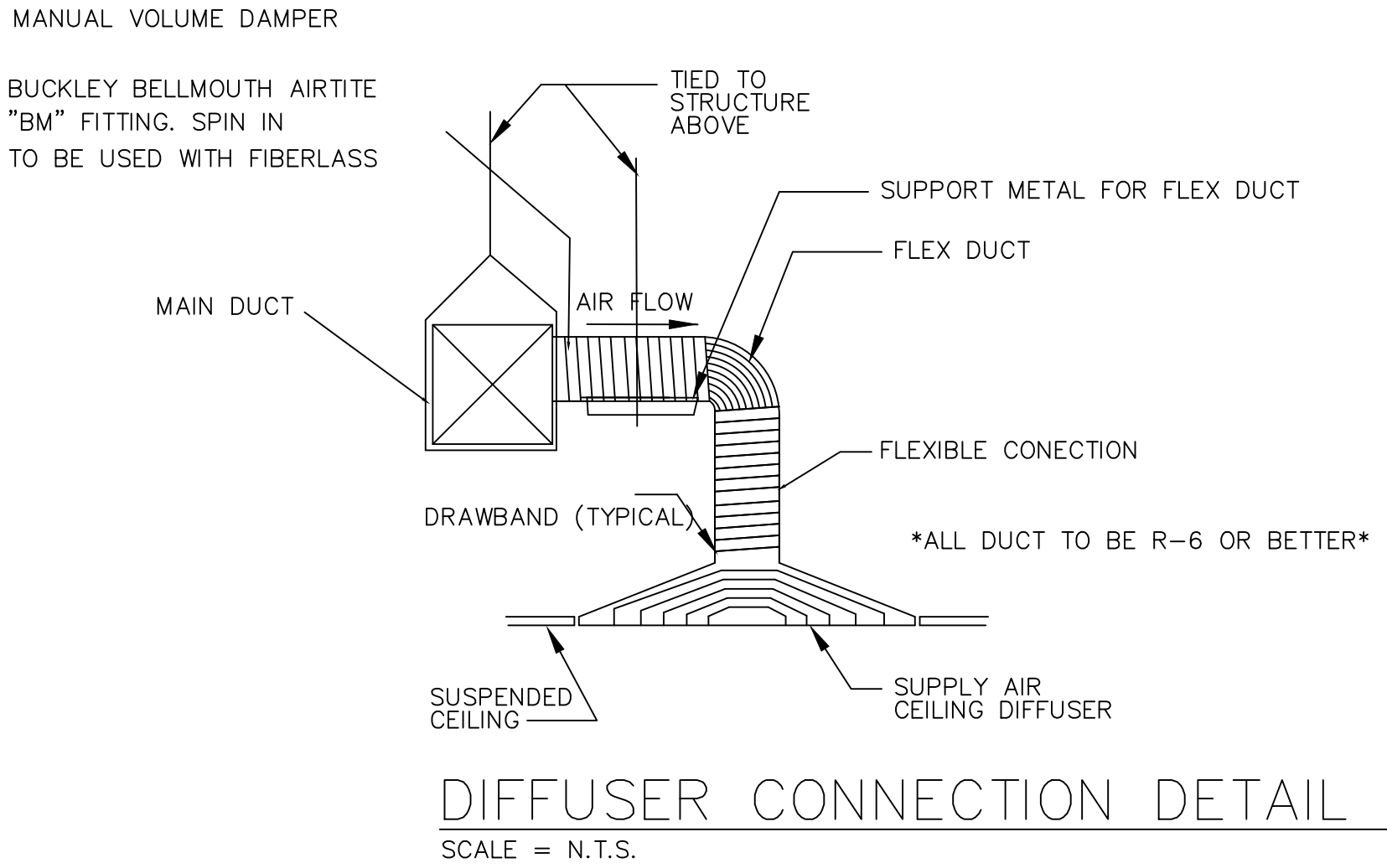
E2
DRAWING NO.

MECHANICAL NOTES:

1. HVAC CONTRACTOR TO VERIFY ALL CLEARANCE AND ACCESS SACE PRIOR TO EQUIPMENT FABRICATION AND/OR INSTALLATION.
2. DUCTWORK, DIFFUSERS, REGISTERS, GRILLES, AND OTHER ITEMS OF THE AIR HANDLING SYSTEM SHALL NOT BE SUPPORTED BY THE CEILING SYSTEM. COORDINATE LOCATIONS OF SYSTEM AND ALL ACCESSORIES WITH ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND PLUMBING WORK.
3. HVAC CONTRACTOR TO VERIFY SUPPLY CALCULATIONS, DUCTS SIZES AND HVAC EQUIPMENT. ALL SIZES SHOWN ARE FOR REFERENCE. APPROPRIATE SIZES ARE ENCOURAGED AND ACCEPTABLE.
4. ALL WALL MOUNTED THERMOSTATS SHALL BE INSTALLED AT A CENTERLINE OF 5'-6" ABOVE FIN. FLOOR.
5. INSTALL ALL HVAC EQUIPMENT AND DEVICES IN ACCORDANCE WITH THE MANUFACTURAL OUTSIDE AIR AS PER 2001 EDITION F.B.C.

A/C SCHEDULE	
	NEW
DESIGNATION	AC 1
AREA SERVED	OFFICE
MANUFACTURER	TRANE
MODEL NO.	4TWR4018G1000A
NOMINAL TONS	1.5
SUPPLY AIR FLOW (CFM)	600
O/A AIRFLOW (CFM)	400
EXT. STATIC PRESSURE (in. wg.)	.5" WC
FAN HORSEPOWER	1
RATED VOLTS	208-230/1/60
COMPRESSOR QTY.	1
ELEC. HEAT (KW) @ 208V	10 KW HEAT STRIPS
AIR HANDLER	TEM4A0B18521SA

MIN. OUTDOOR AIR VENTILATION
MAIN ENTRY LOBBY: 5/14/18
OCCUPANT DENSITY #/1000 FT^2A: 10
PEOPLE OUTDOOR AIRFLOW RATE IN BREATHING ZONE Rp
CFM/PERSON: 5
AREA OUTDOOR AIRFLOW RATE IN BREATHING ZONE Ra
CFM/FT^2A: .06
REPAIR GARAGE:
EXHAUST AIRFLOW RATE CFM/FT^2A: .75



MECHANICAL PLAN

SCALE: 1/4" = 1'

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AVIATTON AUTO

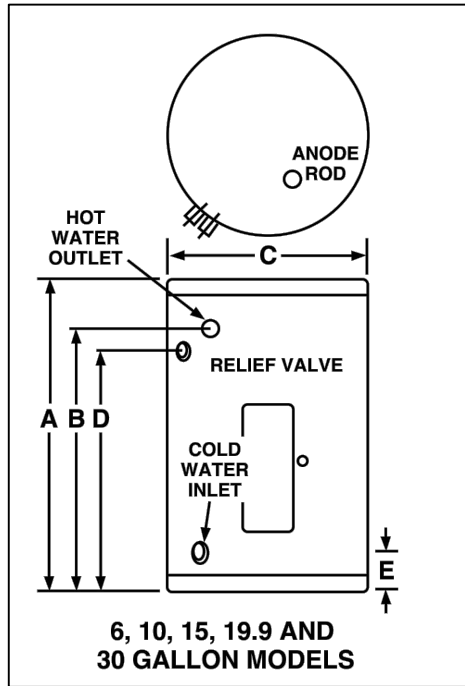
MECHANICAL
PLAN

REV.	DATE	BY	DESCRIPTION
1	5/14/18	KPL	CITY REVIEW COMMENTS

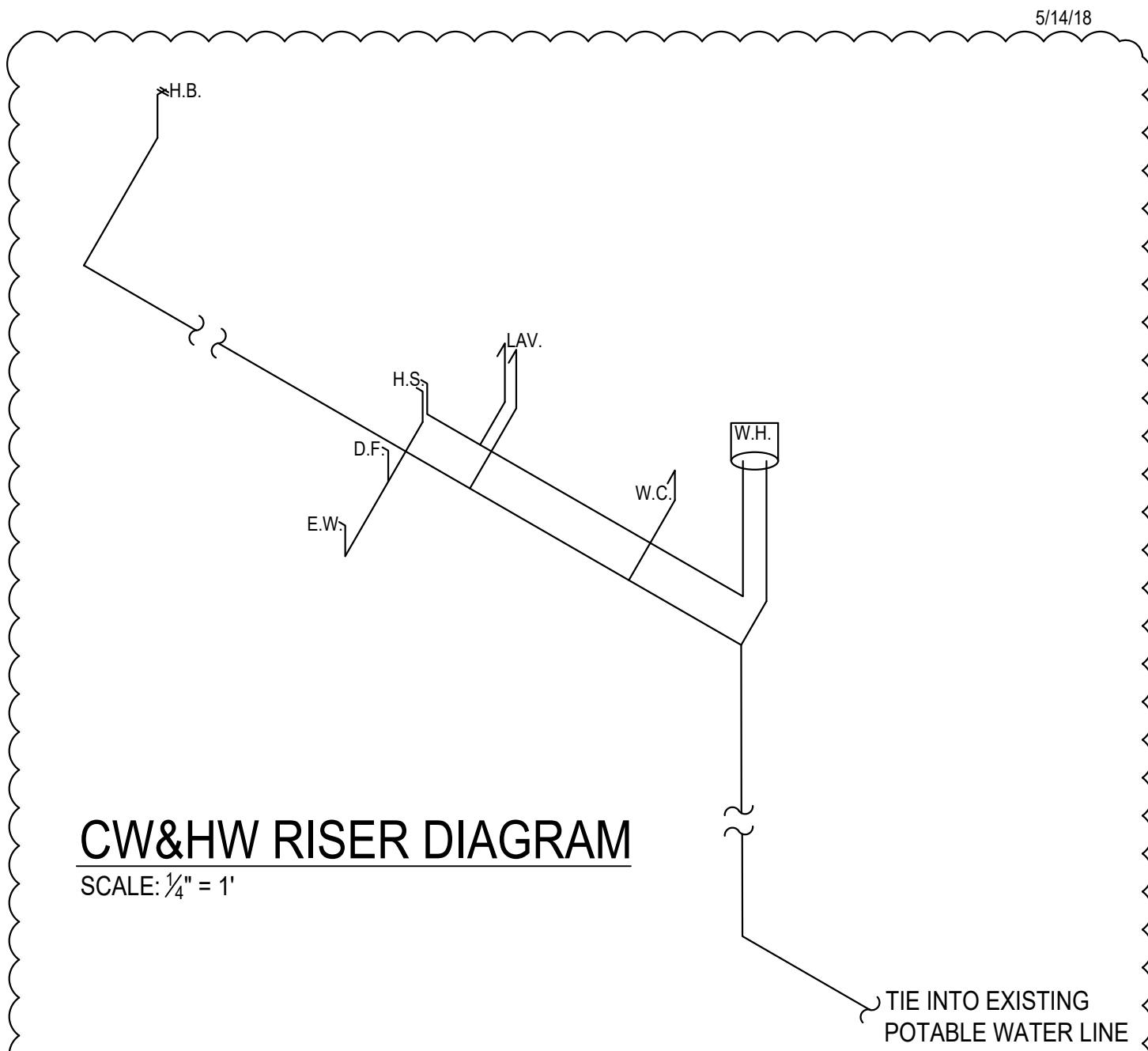
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DRAWN BY: KPL
DATE: 2/16/18
SCALE: AS NOTED

M1
DRAWING NO.

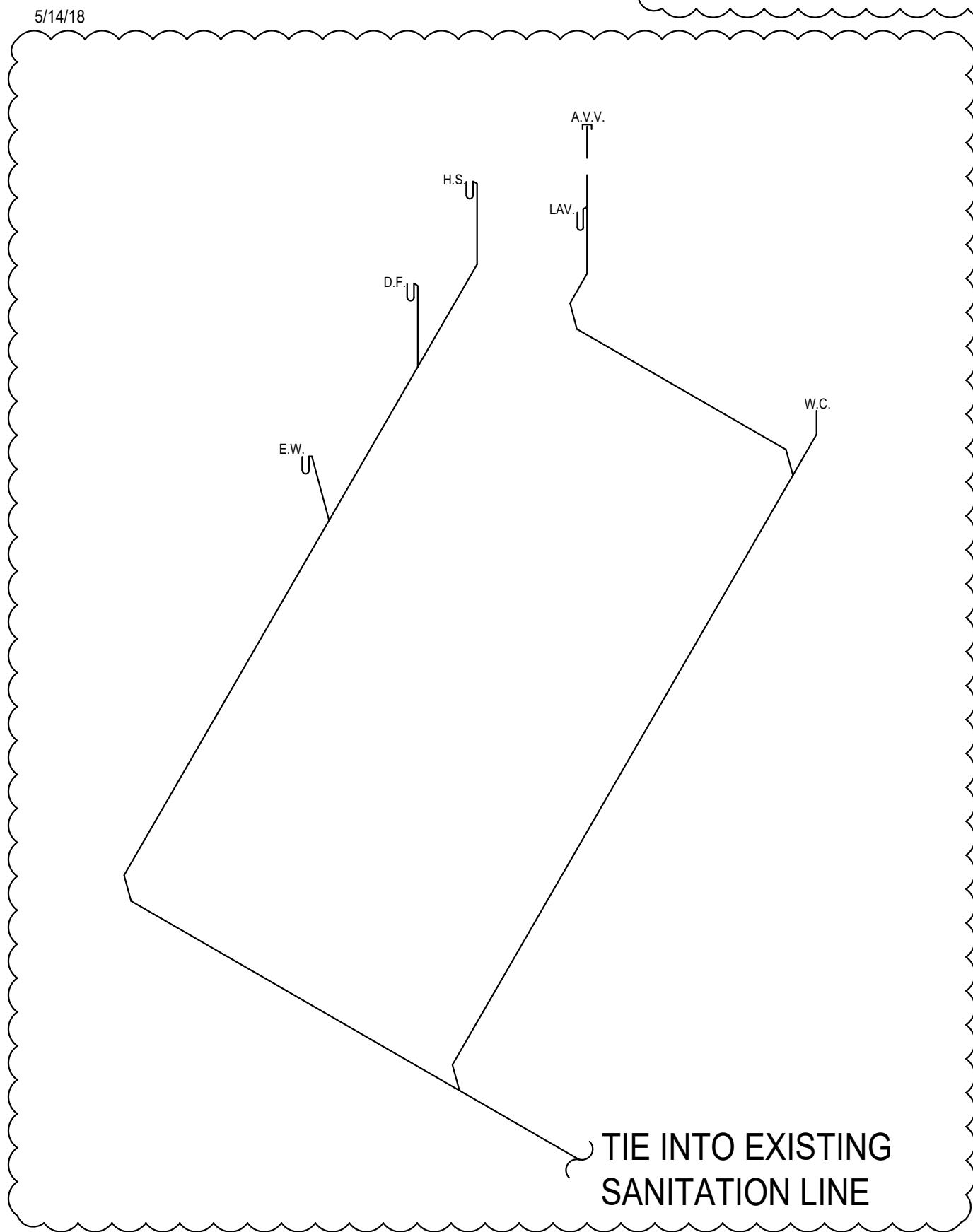
DESCRIPTION				ROUGHING IN DIMENSIONS (SHOWN IN INCHES)						ENERGY INFO.
T Y P E	NOMINAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	TANK HEIGHT A	HEIGHT TO HOT WATER OUTLET B	DIAMETER C	HEIGHT TO SIDE T&P VALVE D	HEIGHT TO COLD WATER INLET E	APPROX. SHIP WT. (LBS.)	UNIFORM ENERGY FACTOR (UEF)
POU	2.5	–	PROE2 1 RH POU	14	14	9-3/4	–	–	22	–
POU	6	–	PROE6 1 RH POU	15-1/4	12-1/2	15-3/4	11-1/2	4-1/4	36	–
POU	10	–	PROE10 1 RH POU	23	20-1/2	15-3/4	19-1/2	4-1/4	46	–
POU	15	–	PROE15 1 RH POU	24-1/4	22	17-3/4	21	4-1/2	54	–
POU	19.9	–	PROE20 1 RH POU	25-1/4	22-3/4	19-3/4	21-3/4	5	69	–
POU	30	27	PROE30 1 RH95 POU*	31-7/8	23-1/8	22-1/4	23	3	91	0.90



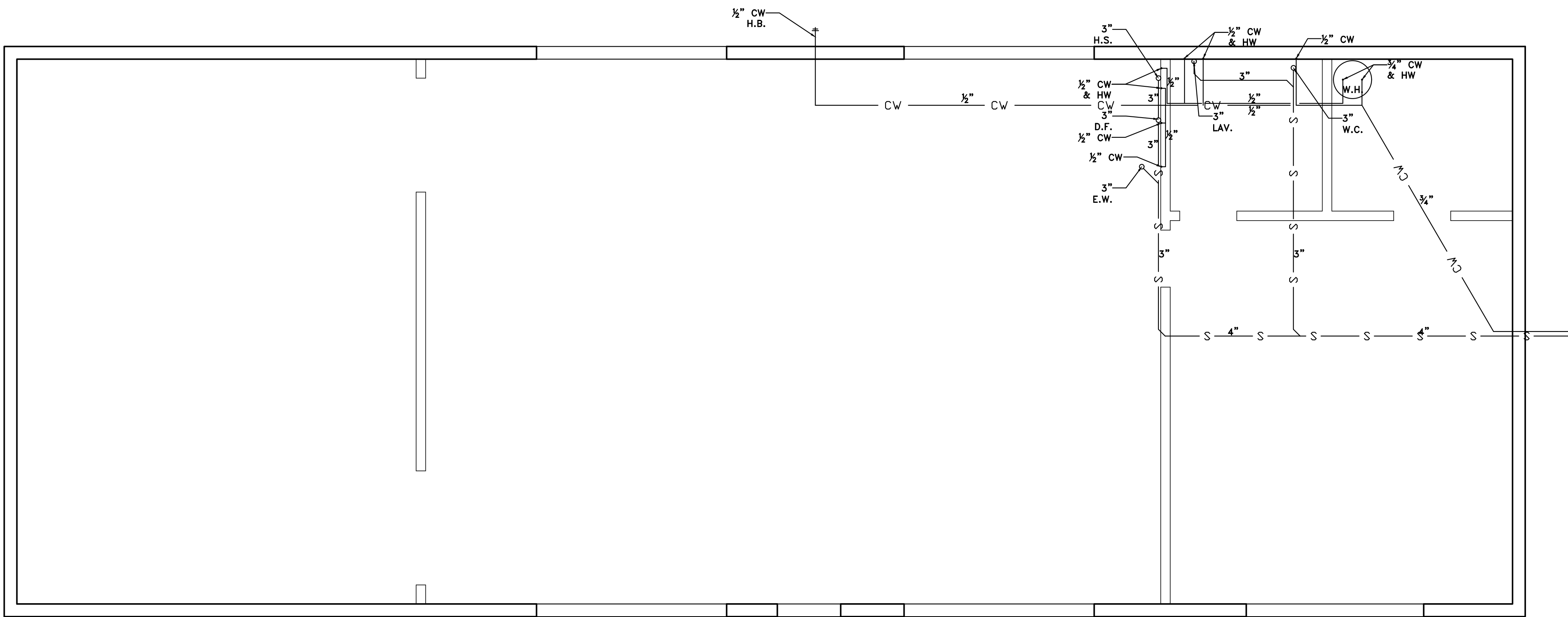
WATER HEATER DETAILS
N.T.S.



CW&HW RISER DIAGRAM
SCALE: 3/4" = 1'



SANITATION RISER DIAGRAM
SCALE: 3/4" = 1'



PLUMBING PLAN
SCALE: 3/4" = 1'

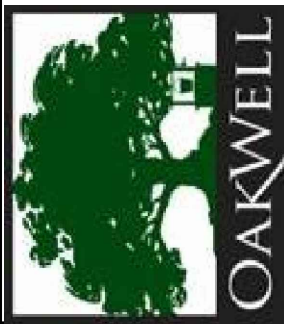
MINIMUM STANDARD DETAILS FOR ADA RESTROOM
PLUMBING FIXTURE SCHEDULE

FIXTURE DESCRIPTION	MANUFACTURERS MODEL NUMBER	ACCESSORIES	FURNISHED BY
WATER CLOSET ADA COMPLIANT 1.6 GAL. PER FLUSH W/ PLASTIC SEAT & SUPPLIES	AMERICAN STANDARD CADET 17" HIGH 1.6 ELONGATED TOILET WHITE COLOR OR EQUAL	PLASTICSEAT AMERICAN STANDARD 5324.019, SUPPLY & STOP	PLUMBER
VITREOUS CHINA WALL HUNG LAVATORY A.D.A. COMPLAINT	AMERICAN STANDARD LUCERNE WALL HUNG LAVATORY 0356.015 HOLES Ø 8" O.C., WHITE COLOR OR EQUAL	AMERICAN STANDARD 2385.297 "RELIANT" SINGLE LEVER LAVATORY FAUCET W/WRIST BLADES AND A.D.A. PIPE INSULATION KIT	PLUMBER
FLOOR-MOUNTED UTILITY SINK WHITE MOLDED PLASTIC	FIAT PRODUCTS MODEL FL-1 OR EQUAL	MODEL A-1 DECK FAUCET	PLUMBER
EYE WASH			PLUMBER
HAND SINK	AMERICAN STANDARD OR EQUAL	AMERICAN STANDARD 2385.297 "RELIANT" SINGLE LEVER LAVATORY FAUCET W/WRIST BLADES	PLUMBER
CAST IRON FLOOR DRAIN WITH TRAP PRIMER TAP	JOSAM 30004-A SERIES OR EQUAL	TRAP PRIMER & WATER LINE TO BELOW LAVATORY JOSAM SERIES 8825	PLUMBER
ELECTRIC WATER HEATER LOW BOY MODEL	RHEEM GLAS POINT OF USE 30 GAL. 64-305, 2000 WATT ELEMENTS OR EQUAL	WITH AUXILIARY DRAIN PAN AND FLOOR DRAIN	PLUMBER
DRINKING FOUNTAIN	ELKAY EZ S8L WALL MOUNTED WATER COOLER ADA BARRIER FREE OR EQUAL		PLUMBER

PLUMBING LEGEND

W.C. WATER CLOSET
LAV. LAVATORY
H.S. HAND SINK
E.W. EYEWASH
D.F. DRINKING FOUNTAIN
H.B. HOSE BIBB

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441 CASSAT AVE.
JACKSONVILLE, FL 32210

AVIATTON AUTO

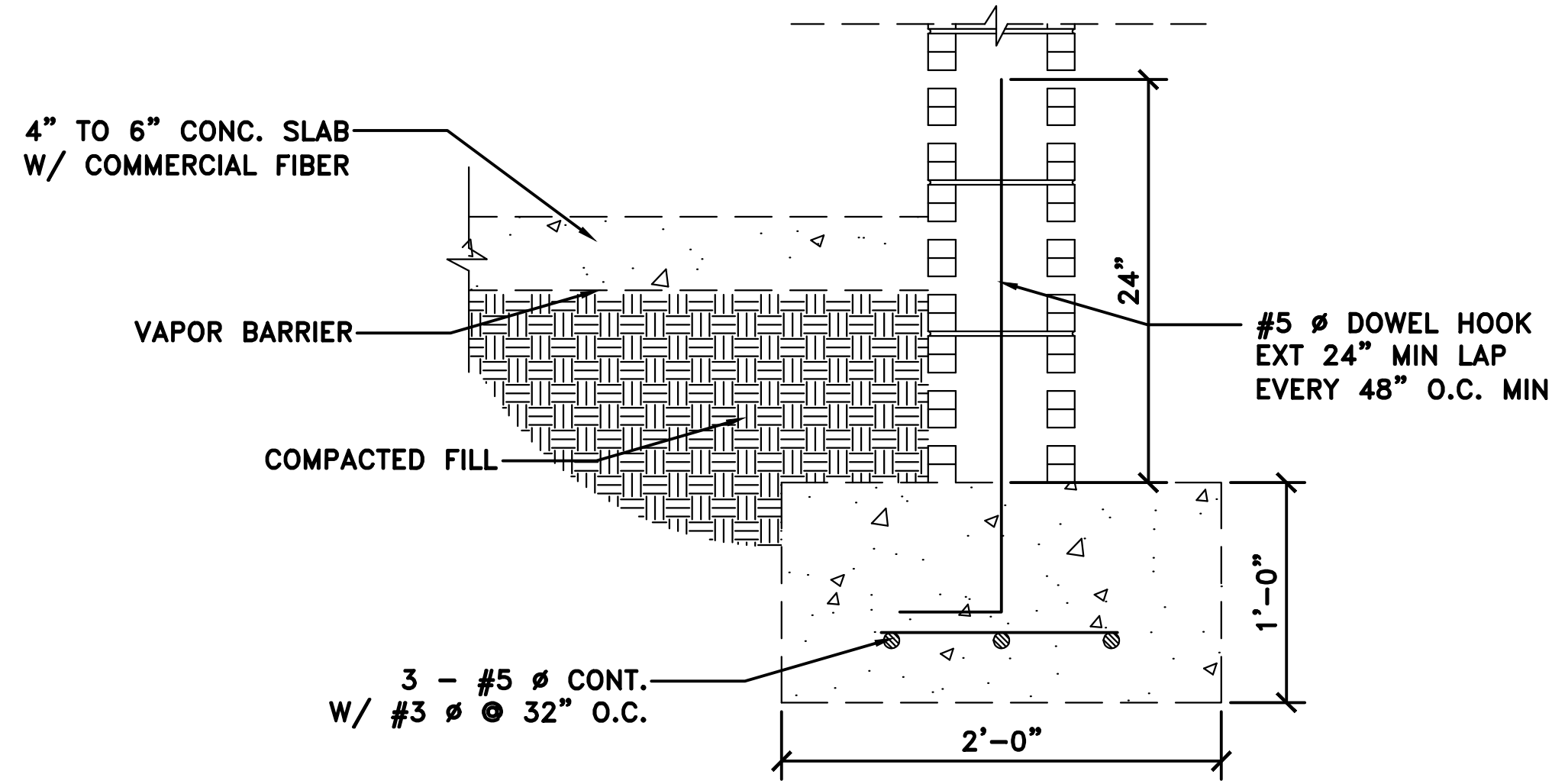
EXTERIOR
ELEVATIONS

REV.	DATE	KPL BY	CITY REVIEW COMMENTS DESCRIPTION
1	5/14/18	KPL	

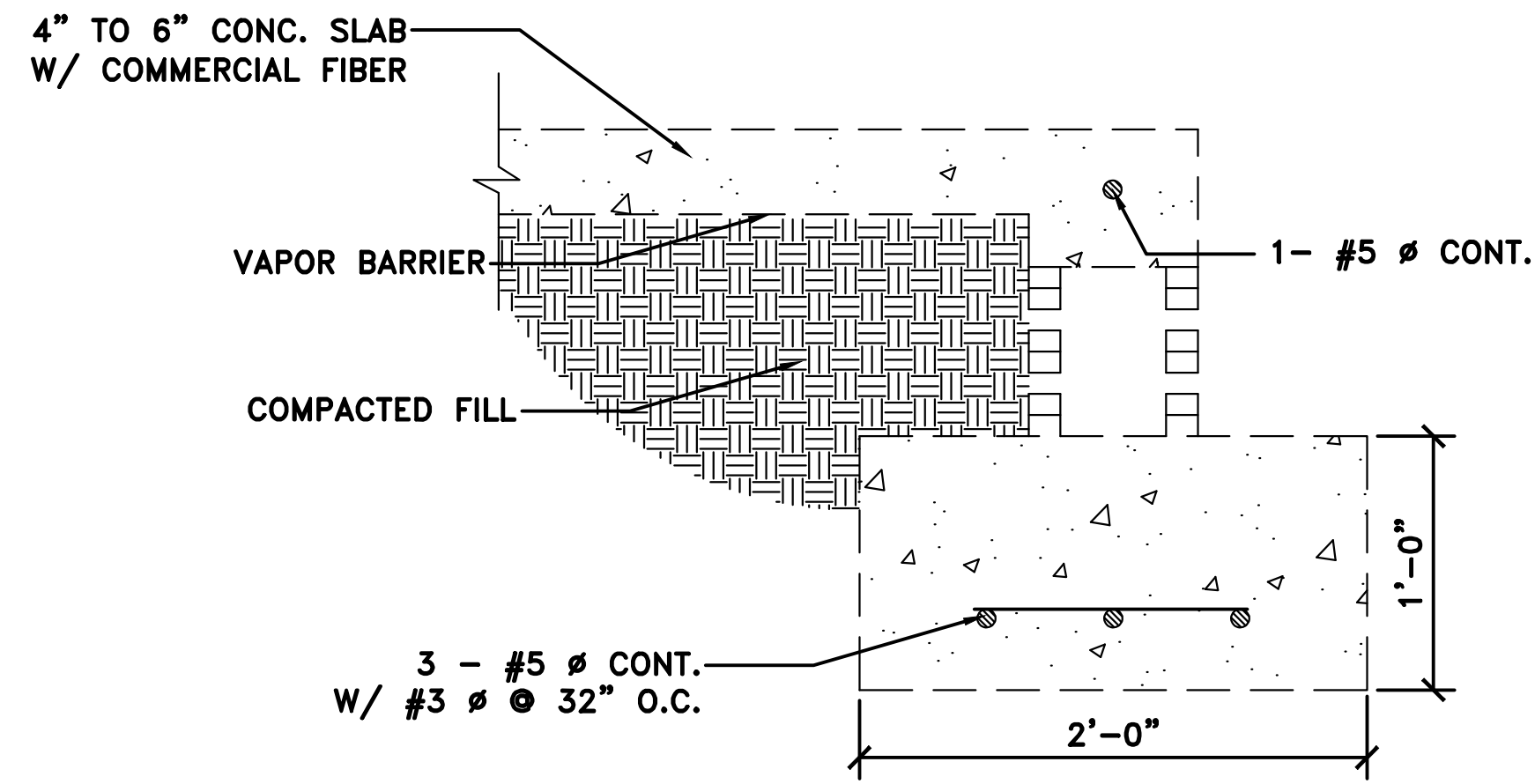
JOB NO.: 441
DRAWN BY: KPL
DATE: 2/16/18
SCALE: AS NOTED

P1

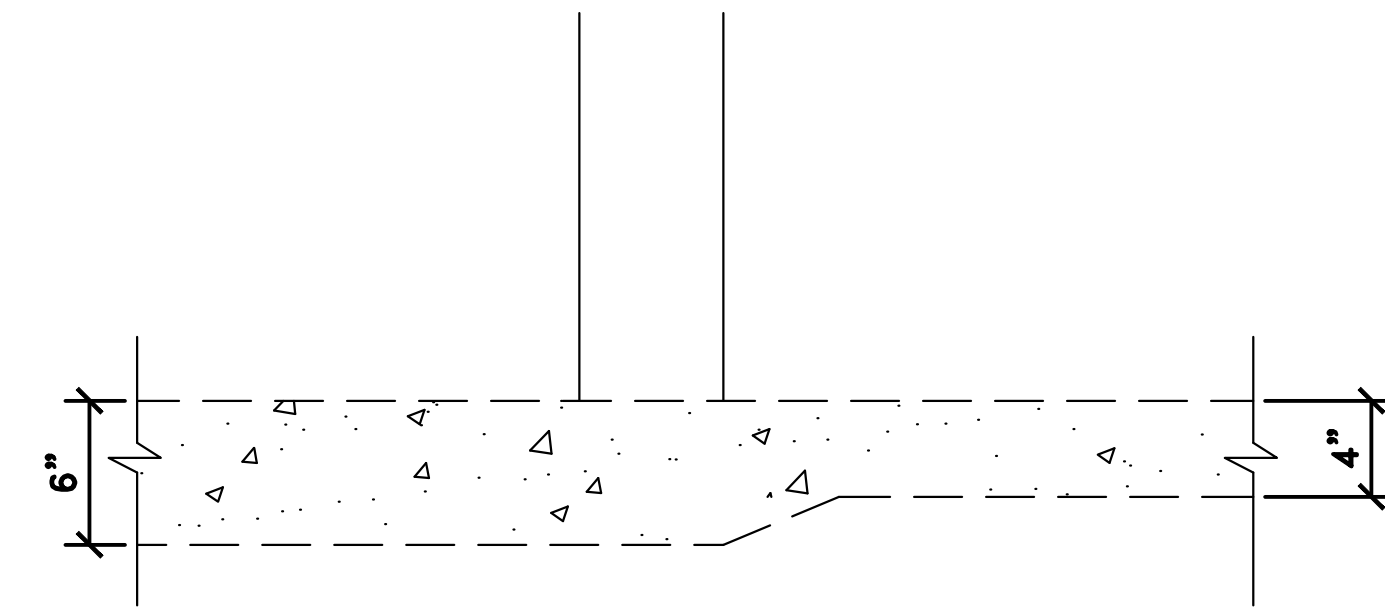
DRAWING NO.



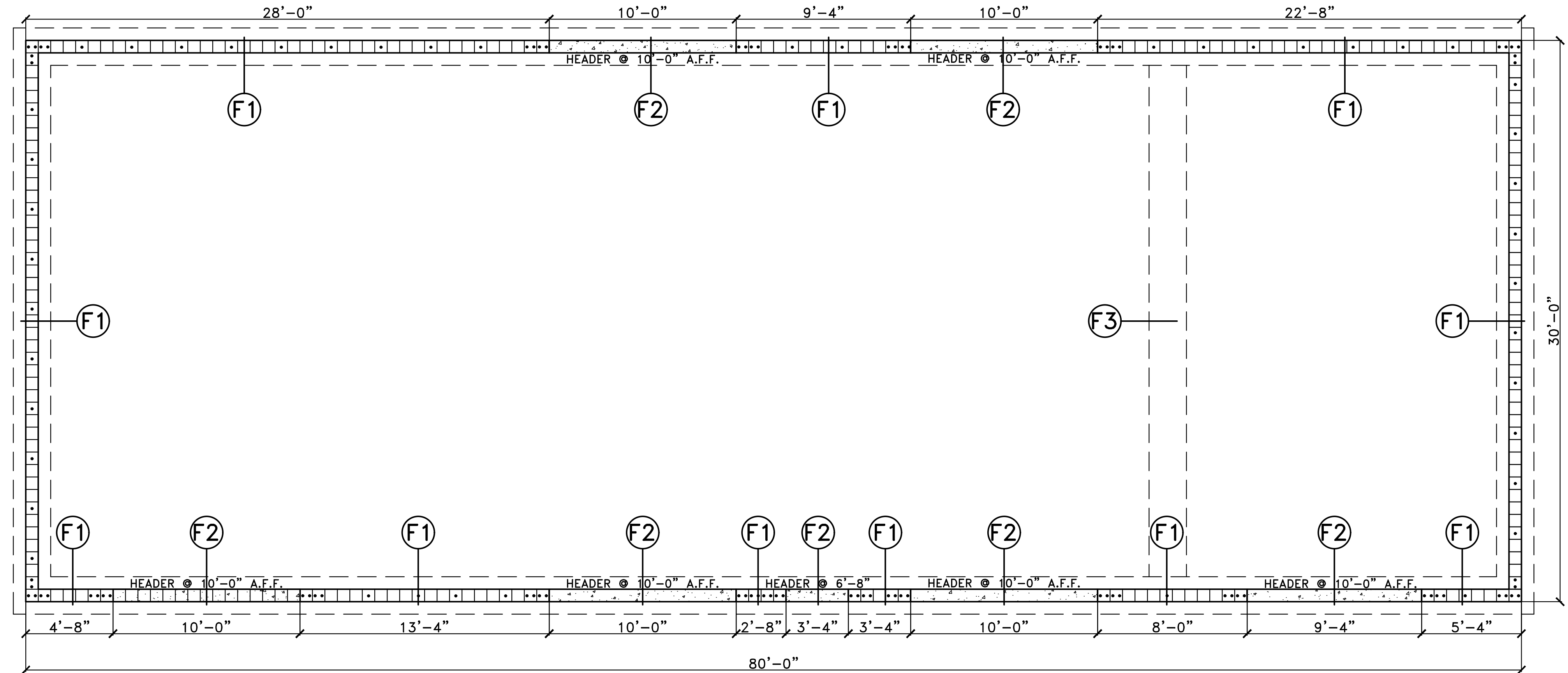
F1 FOOTER DETAIL
SCALE: 1 1/2" = 1'



F2 FOOTER DETAIL
SCALE: 1 1/2" = 1'



F3 FOOTER DETAIL
SCALE: 1 1/2" = 1'



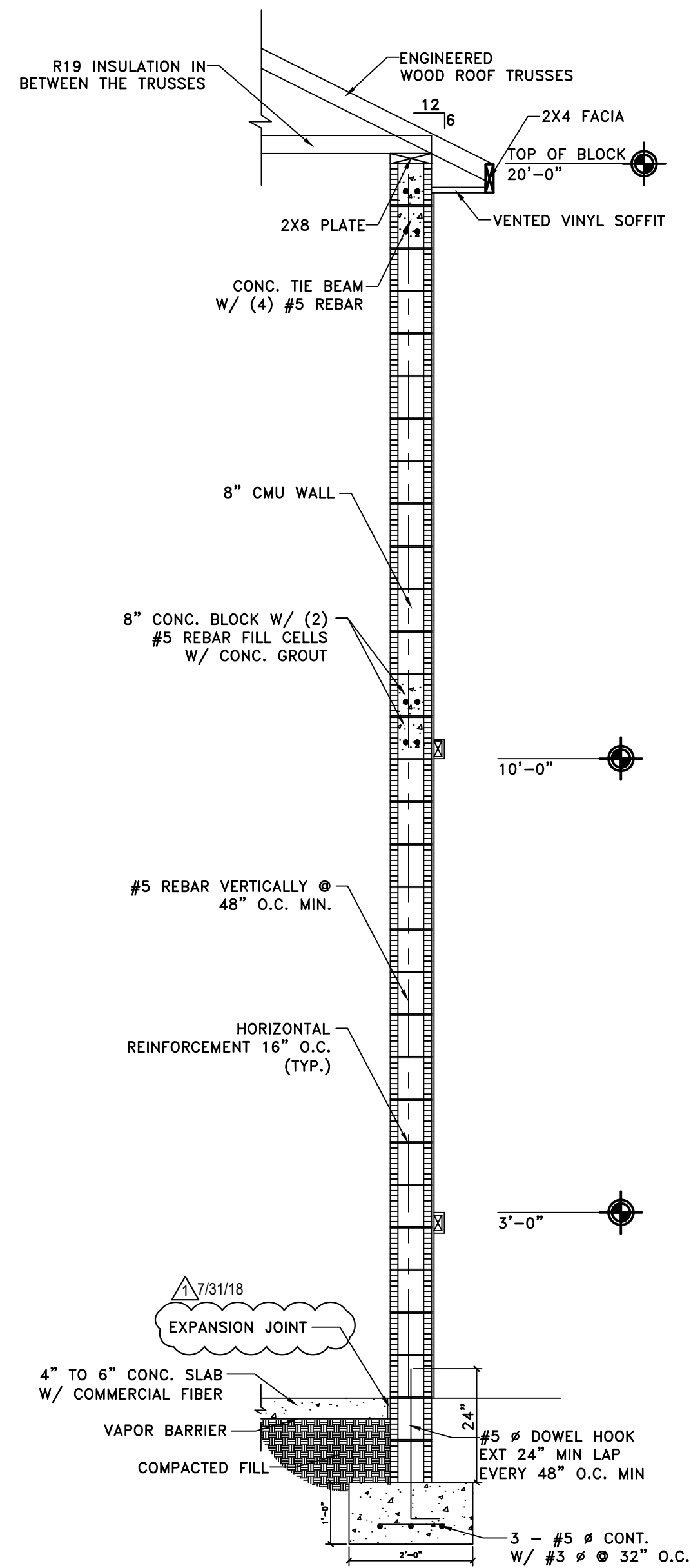
FOUNDATION PLAN
SCALE: 1/4" = 1'



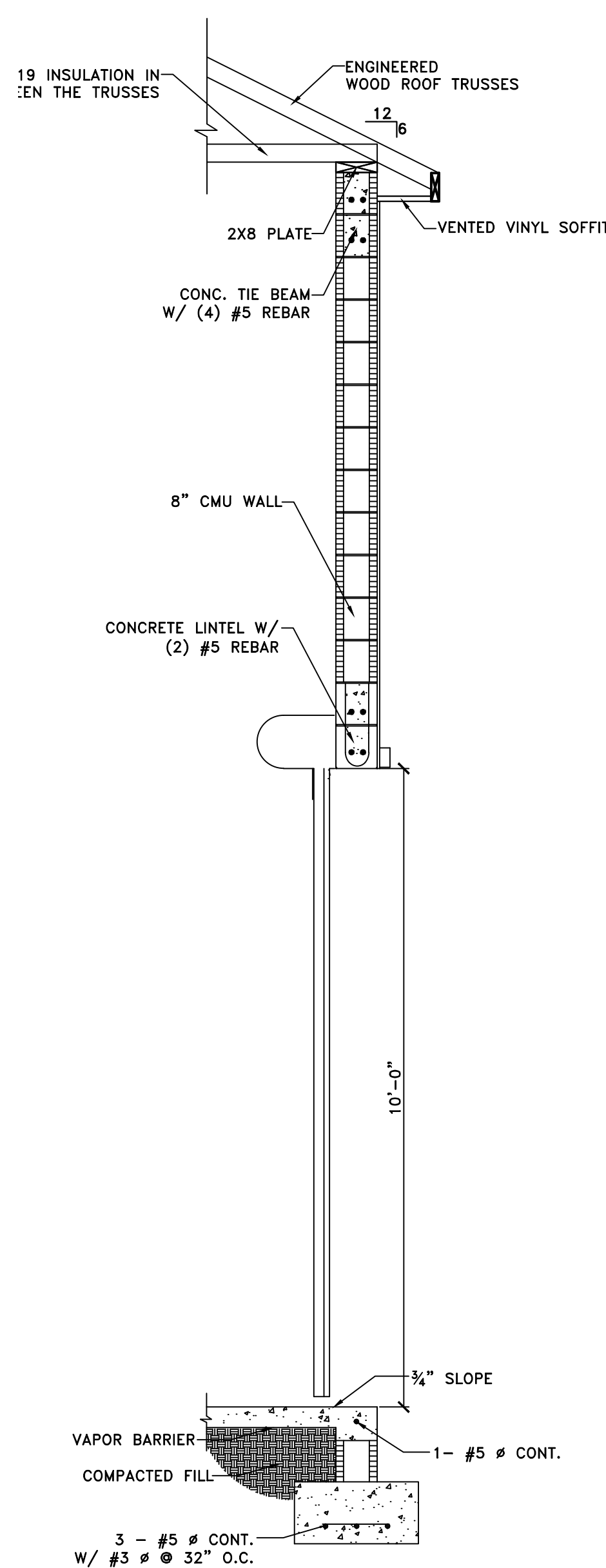
S2
DRAWING NO.



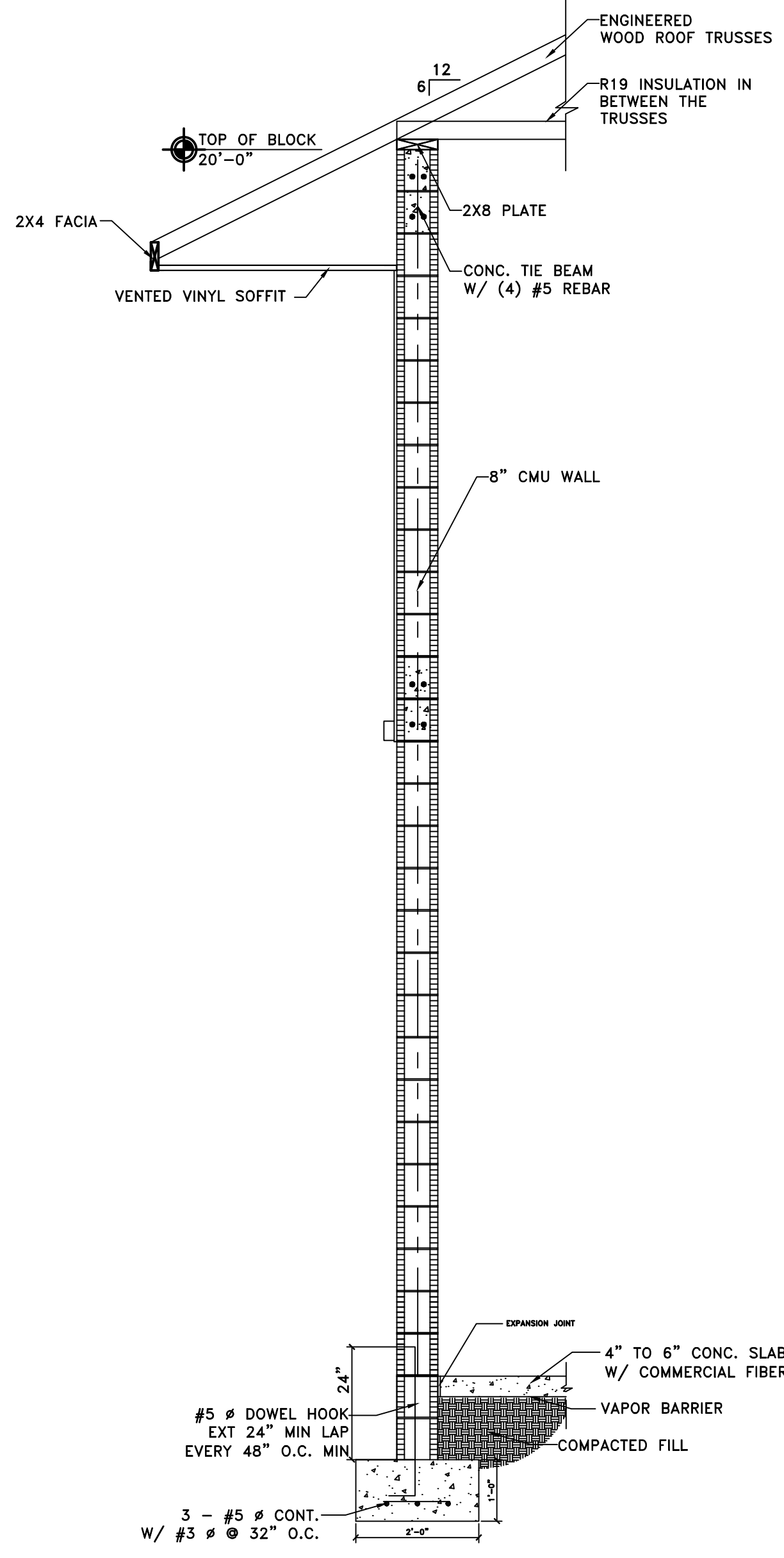
OAKWELL COMPANIES, LLC.
2950 HALYCON LANE SUITE 704
JACKSONVILLE, FL 32223
904-683-4677
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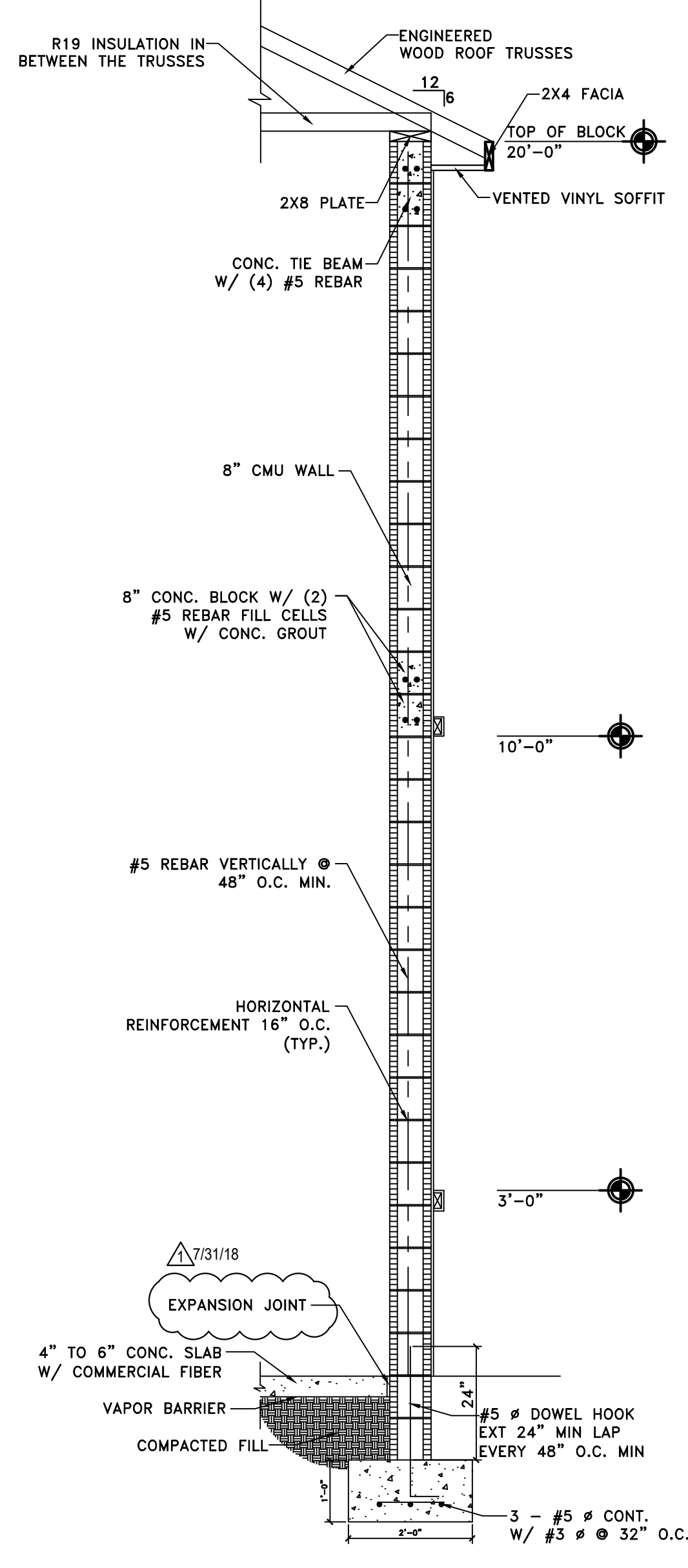
1
S3 WALL SECTION
SCALE: 1/4" = 1'



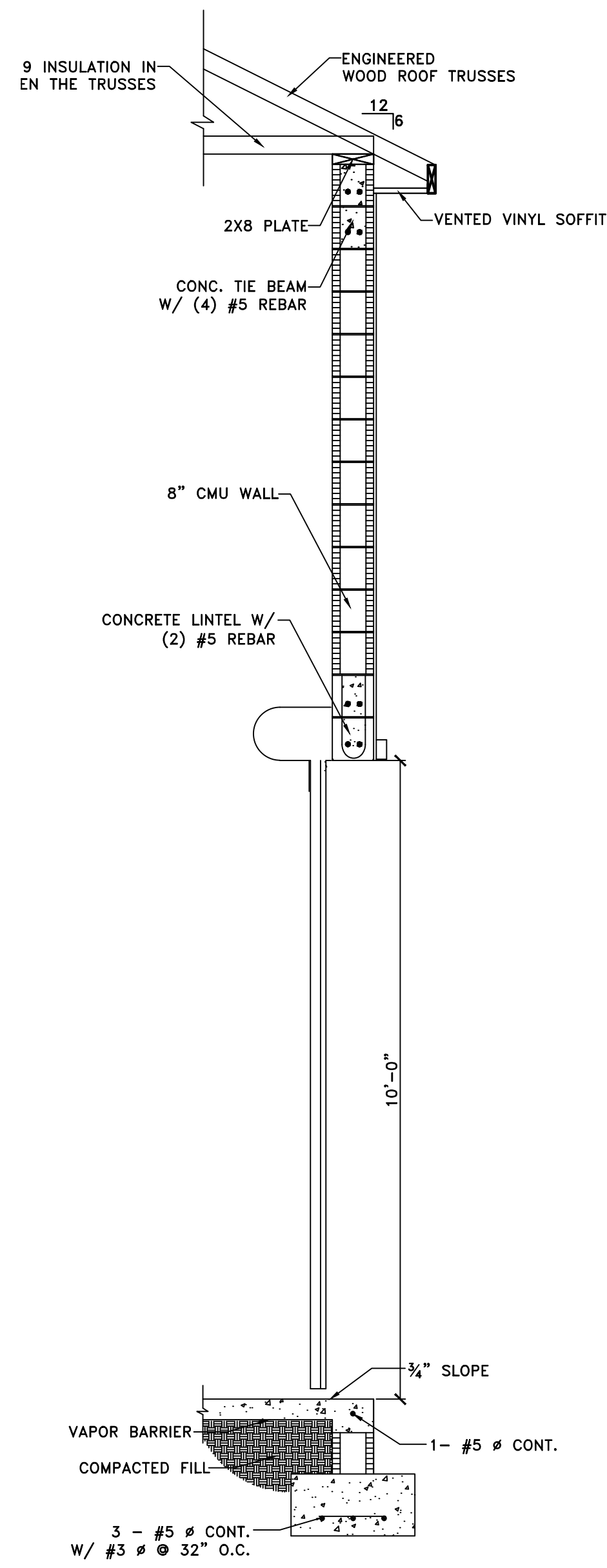
2
S3 WALL SECTION
SCALE: 1/4" = 1'



3
S3 WALL SECTION
SCALE: 1/4" = 1'



4
S3 WALL SECTION
SCALE: 1/4" = 1'



5
S3 WALL SECTION
SCALE: 1/4" = 1'



REV.	DATE	BY	DESCRIPTION
1	7/31/18	KPL	