

# NEW TRADES BUILDING at: BUCKEYE HILLS CAREER CENTER

351 BUCKEYE HILLS ROAD • RIO GRANDE, OHIO 45674

## GENERAL PROJECT NOTES

- COMPLETE SET. ALL CONTRACTORS AND SUBCONTRACTORS SHALL REVIEW COMPLETE SETS OF CONTRACT DOCUMENTS. THE CONTRACT DOCUMENTS ARE INTERCONNECTED AND SHALL NOT BE SEPARATED, READ, OR INTERPRETED SEPARATELY.
- DISCREPANCY. SHOULD ANY OF THE DETAILED INSTRUCTIONS SHOWN ON THE PLANS CONFLICT WITH THESE NOTES, or WITH EACH OTHER, THE STRICTEST PROVISION SHALL GOVERN.
  - EXTERIOR DIMENSIONS ARE TO OUTSIDE FACE OF SHEATHING / OUTSIDE FACE OF FOUNDATION WALL.
  - INTERIOR DIMENSIONS ARE TO FACE OF STUDS UNLESS NOTED OTHERWISE.
- FIELD VERIFY. CONTRACTORS SHALL FIELD VERIFY ALL DIMENSIONS AND AREA ESTIMATES PRIOR TO COMMENCING WORK. SHOULD DIMENSIONAL DISCREPANCIES EXIST, OR IF NOTED DIMENSIONS DO NOT COORDINATE WITH SPACE REQUIREMENTS OF EQUIPMENT, ETC., IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING. OBTAIN WRITTEN RESPONSE FROM THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
- SITE SURVEY. SITE BOUNDARY LINES, BOUNDARY DIMENSIONS, BOUNDARY DECLINATIONS, AND EXISTING GRADES ARE BASED UPON THE SITE SURVEY WHICH WAS PROVIDED BY THE OWNER FOR REFERENCE ONLY. THE CONTRACTORS SHALL BE DEEMED TO HAVE INSPECTED THE SITE AND SATISFIED THEMSELVES AS TO THE ACTUAL GRADES, LEVELS, DIMENSIONS AND DECLINATIONS AND THE TRUE CONDITIONS UNDER WHICH THE WORK SHALL BE PERFORMED.
- CODES AND REGULATIONS. ALL CONSTRUCTION AND MATERIALS SHALL BE IN STRICT COMPLIANCE WITH THE MOST RECENT EDITIONS OF ALL LOCAL AND STATE BUILDING CODES AND REGULATIONS, AS WELL AS ALL OTHER SPECIFIC OR IMPLIED APPLICABLE REGULATIONS, INCLUDING HEALTH AND SAFETY REQUIREMENTS, AS MAY BE IMPLIED OR STATED WITH ISSUANCE OF THE BUILDING PERMIT.
- SAFETY. THE ARCHITECT IS NOT ENGAGED IN, AND DOES NOT SUPERVISE, CONSTRUCTION. IT IS SOLELY THE RESPONSIBILITY OF EACH CONTRACTOR TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION, INCLUDING THE POSTING OF REQUIRED SIGNAGE AND NOTICES.
- REQUIRED MEANS OF EGRESS SHALL BE MAINTAINED AT ALL TIMES DURING DEMOLITION, CONSTRUCTION, REMODELING, ALTERATIONS, OR ADDITIONS TO ANY BUILDING. EXISTING MEANS OF EGRESS NEED NOT BE MAINTAINED WHERE APPROVED TEMPORARY MEANS OF EGRESS ARE PROVIDED.
- CONSTRUCTION MEANS AND METHODS.
  - THE ARCHITECT and OWNER SHALL HAVE THE RIGHT TO RELY ON A LEVEL OF SKILL AND COMPETENCY FROM ALL INVOLVED CONTRACTORS, CONSULTANTS, AND TRADES WHICH IS CONSISTENT WITH LOCALLY ACCEPTED INDUSTRY STANDARDS.
  - THE ARCHITECT HAS NO EXPERTISE IN, AND TAKES NO RESPONSIBILITY FOR, CONSTRUCTION MEANS AND METHODS OR FOR JOB SITE SAFETY DURING CONSTRUCTION.
  - PROCESSING AND/OR APPROVING SUBMITTALS MADE BY THE CONTRACTOR WHICH MAY CONTAIN INFORMATION RELATED TO CONSTRUCTION METHODS OR SAFETY ISSUES, OR PARTICIPATION IN MEETINGS WHERE SUCH ISSUES MIGHT BE DISCUSSED, SHALL NOT BE CONSTRUED AS VOLUNTARY ASSUMPTION BY THE ARCHITECT OF ANY RESPONSIBILITY FOR CONSTRUCTION OR SAFETY PROCEDURES.
- EXISTING CONDITIONS. ALL SUBCONTRACTORS SHALL VISIT THE PROJECT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS, COMPARE AND CONFIRM THE CONTRACT DOCUMENTS, SUBSEQUENT REQUIREMENTS, AND ALL REGULATORY AGENCY REQUIREMENTS APPLICABLE FOR COMPLETION OF THE PROPOSED WORK. IF VARIATIONS OR DISCREPANCIES ARE FOUND, SAME INFORMATION SHALL BE FURNISHED IMMEDIATELY, IN WRITTEN FORMAT, TO THE ARCHITECT. OBTAIN WRITTEN RESPONSE FROM THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
- ERRORS, INCONSISTENCIES, OMISSIONS. THE CONTRACTORS SHALL CONSULT WITH THE ARCHITECT FOR CLARIFICATION REGARDING ERRORS, OMISSIONS, OR DISCREPANCIES IN THE CONTRACT DOCUMENTS. IF THE CONTRACTORS PERFORM ANY CONSTRUCTION ACTIVITY KNOWING IT INVOLVES A RECOGNIZED ERROR, INCONSISTENCY OR OMISSION OR IS UNCLEAR IN THE CONTRACT DOCUMENTATION WITHOUT NOTIFYING THE ARCHITECT IN WRITING, AND WITHOUT THE ARCHITECT'S ANSWER IN WRITING, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR SUCH PERFORMANCE AND SHALL BEAR A FULL AMOUNT OF THE ATTRIBUTABLE COST FOR CORRECTION.
- DETAILS and WALL SECTIONS ARE INTENDED TO SHOW A METHOD OF ACCOMPLISHING THE WORK. MODIFICATIONS MAY BE REQUIRED TO SUIT THE JOB DIMENSIONS AND CONDITIONS. WHERE DETAIL OR INFORMATION IS NOT PROVIDED, THE CONTRACTORS SHALL USE CONVENTIONAL ACCEPTED PRACTICE. CONDITIONS REQUIRING NON-CONVENTIONAL DETAILING OR ADDITIONAL INFORMATION SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION. OBTAIN WRITTEN RESPONSE FROM THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
- ERECTION PROCEDURES. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER IT IS FULLY COMPLETED. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE, AND TO ENSURE THE STABILITY OF THE BUILDING AND ITS COMPONENT PARTS, AND THE ADEQUACY OF TEMPORARY OR INCOMPLETE CONNECTIONS DURING CONSTRUCTION. THIS INCLUDES THE ADDITION OF ANY SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIE DOWNS, WHICH MIGHT BE NECESSARY. SUCH MATERIALS ARE NOT SHOWN ON THE DRAWINGS. FOLLOWING THE COMPLETION OF THE PROJECT, REDISTRIBUTION OF SUCH MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- BLOCKING. PROVIDE SUFFICIENT BLOCKING, HANGERS, SUPPORTS, FITTINGS, ETC. FOR SECURING OF ALL ITEMS WHETHER FURNISHED BY THE OWNER OR CONTRACTORS, INCLUDING RAILINGS, GUARDS, GRAB BARS, COUNTERS, SHELVING, CASEWORK, FURNISHINGS, ETC.
- MANUFACTURER'S and INDUSTRY STANDARDS OF INSTALLATION SHALL BE FOLLOWED FOR GYPSUM WALL BOARD AND STEEL STUD WALL SYSTEMS.
- MECHANICAL, PLUMBING, ELECTRICAL: THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING MECHANICAL, PLUMBING, AND ELECTRICAL SYSTEMS, AND FOR INSTALLING ALL NECESSARY BLOCKING, FRAMING OR GENERAL CONSTRUCTION TO FACILITATE INSTALLATION OF THESE SYSTEMS.
- UNDERGROUND UTILITIES. SUBCONTRACTORS SHALL VERIFY ALL UNDERGROUND UTILITIES AND CONDITIONS WITH THE OWNER AND THE PROPER AUTHORITIES. CALL UPS AT 811, TWO DAYS BEFORE DIGGING.
- SCOPE OF WORK. ALL CONTRACTORS AND MATERIALS, LABOR AND OTHER PROCESSES ARE REQUIRED TO COMPLETE ALL CATEGORIES OF THE WORK INDICATED BY ALL OF THE CONTRACT DOCUMENTS, OR THAT WORK WHICH MAY BE OTHERWISE REFERRED TO IN THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION.
- PERMITS. PRIOR TO COMMENCEMENT OF WORK, ALL PERMITS SHALL BE APPLIED FOR AND OBTAINED BY EACH SUBCONTRACTOR AND ALL APPLICABLE FEES SHALL BE PAID BY THE SUBCONTRACTOR. SUBCONTRACTORS SHALL SECURE ALL PERMITS AND INSPECTIONS.
- MATERIAL STORAGE. SUBCONTRACTORS SHALL COORDINATE ON-SITE MATERIAL STORAGE WITH THE GENERAL CONTRACTOR.
- CLEAN-UP. SUBCONTRACTORS SHALL KEEP THE JOB SITE NEAT AND ORDERLY, REMOVE SCRAP MATERIAL DAILY AND SHALL CLEAN THE SITE AND THE WORK THOROUGHLY UPON COMPLETION.



PROJECT LOCATION

## VICINITY MAP

NOTE:  
THESE DRAWINGS ARE BASED ON:  
VARCO PRUDEN BUILDING SYSTEMS  
3200 PLAYERS CLUB CIRCLE MEMPHIS, TN 38125  
(901) 748-8000

AVAILABLE THROUGH:  
RIEDEL-WILKS BUILDING STRUCTURES, INC.  
420 7th AVENUE G HUNTINGTON, WV 25702  
(304) 523-5452

## BUILDING CODE DATA

APPLICABLE CODES:			
NEW BUILDING CODE:	2024 OHIO BUILDING CODE	FIRE CODE:	2017 OHIO FIRE CODE
MECHANICAL CODE:	2024 OHIO MECHANICAL CODE	ACCESSIBILITY CODES:	ICC A117.1 2017
ELECTRICAL CODE:	2017 NATIONAL ELECTRICAL CODE	ENERGY CODE:	2012 OHIO ENERGY CONSERVATION CODE
PLUMBING CODE:	2024 OHIO PLUMBING CODE		

**PROJECT SUMMARY:**

PROJECT DESCRIPTION:  

- PROPOSED NEW CONSTRUCTION OF A 7,448 S.F. 2-STORY, STEEL FRAME ELECTRIC LINEMAN TRAINING FACILITY.

**BUILDING SUMMARY:**

CONSTRUCTION TYPE:  

- II B = CMU & STEEL FRAME EXTERIOR WALLS, STEEL FRAME INTERIOR WALLS, STEEL ROOF TRUSSES, CONCRETE SLAB-ON-GRADE.
- 2 STORY
- FULLY SPRINKLERED, NFPA 13
- FIRE ALARM

NON-SEPARATED USE GROUPS:  

- E EDUCATION (HIGH SCHOOL & ADULT CAREER CENTER)
- S-1 STORAGE > 10% OF AREA OF THE STORY

**EGRESS SUMMARY:**

OCCUPANT LOAD:  

- E = 65 OCCUPANTS
- S-1 = 42 OCCUPANTS
- TOTAL = 107 OCCUPANTS

E EGRESS:  

- MIN. NUMBER OF REQUIRED EXITS = 2 ACTUAL = 2
- MAX. EXIT ACCESS TRAVEL DISTANCE = 200' ACTUAL = 139'-3"

**PLUMBING FACILITIES**

HISTORICAL DATA SHOWS THAT APPROX. 85% OF THE BUILDING OCCUPANTS ARE MALE. THE FOLLOWING QUANTITIES ARE ADJUSTED FOR THIS RATIO.

	USE GROUP	OCCUPANT LOAD	FORMULA	CALCULATION		PROVIDED
				REQD.	TOTAL	
FEMALES	E	10	WC=1/50	0.2	= 0.27	1 WC
	S-1	7	WC=1/100	0.07	= 0.27	
	E	10	LAV=1/50	0.2	= 0.27	1 LAV
MALES	E	55	WC=1/50	1.1	= 1.45	3 WC
	S-1	35	WC=1/100	0.35	= 1.45	
	E	55	LAV=1/50	1.1	= 1.45	2 LAV
D.F.		107	DF=1/100	1.07	= 1.07	2 D.F.
	SERVICE SINK			1	= 1	1

## INDEX OF DRAWINGS

DESIGNED UNDER A SEPARATE PERMIT BY OTHERS:  
FIRE ALARM AND FULL BUILDING NFPA 13 AUTOMATIC FIRE SUPPRESSION SYSTEM.

ATTACHMENTS: CIVIL ENGINEERING PLANS PREPARED BY OTHERS.  
PRE-ENGINEERED METAL BUILDING PLANS PREPARED BY OTHERS.  
MECHANICAL COMPLIANCE CERTIFICATE.  
INTERIOR LIGHTING CERTIFICATE.

A0.0	COVER SHEET
C1.1	OVERALL SITE LAYOUT
C1.2	ENLARGED PARTIAL SITE LAYOUT
A1.1	1st FLOOR PLAN
A1.2	2nd FLOOR PLAN
A1.3	REFLECTED CEILING PLANS
A2.1	SCHEDULES & INTERIOR ELEVATIONS
A3.1	EXTERIOR ELEVATIONS
A3.2	EXTERIOR ELEVATIONS
S1.0	FOUNDATION PLAN
S1.1	2nd FLOOR FRAMING PLAN
S1.2	FRAMING DETAILS
S2.0	SECTIONS & DETAILS
M1.0	1st FLOOR MECHANICAL PLAN
M2.0	2nd FLOOR MECHANICAL PLAN
M3.0	MECHANICAL SCHEDULES AND DETAILS
M3.1	MECHANICAL VENTILATION CALCULATIONS
M4.0	MECHANICAL SPECIFICATIONS
P1.0	1st FLOOR PLUMBING PLAN
P2.0	2nd FLOOR PLUMBING PLAN
P3.0	PLUMBING SCHEDULES AND DETAILS
E1.0	1st FLOOR LIGHTING PLAN
E2.0	2nd FLOOR LIGHTING PLAN
E3.0	1st FLOOR POWER PLAN
E4.0	2nd FLOOR POWER PLAN
E5.0	ELECTRICAL SPECIFICATIONS AND SCHEDULES

## DESIGN LOADS

**DESIGN LIVE LOADS**

E UNIFORM LIVE LOAD =	100 PSF
S-1 UNIFORM LIVE LOAD =	125 PSF
STAIR UNIFORM LIVE LOAD =	100 PSF
STAIR CONCENTRATED LOAD =	300 LBS.
HANDRAIL & GUARD RAIL =	50 PLF
RAIL CONCENTRATED LOAD =	200 LBS.
BALUSTERS CONCENTRATED LOAD =	50 LBS.

**WIND DESIGN DATA**

BUILDING CATEGORY	1
WIND EXPOSURE CATEGORY =	B
ULTIMATE DESIGN WIND SPEED =	115 MPH
NOMINAL DESIGN WIND SPEED =	90 MPH
WIND IMPORTANCE FACTOR =	1.0
TOPOGRAPHIC EFFECTS =	NO

**ROOF SNOW DESIGN DATA**

MINIMUM ROOF LIVE LOAD =	20 PSF
DESIGN ROOF LIVE LOAD =	25 PSF
GROUND SNOW LOAD =	20 PSF
FLAT ROOF SNOW LOAD =	20 PSF
LOW SLOPE ROOF LOAD =	22 PSF
SNOW EXPOSURE FACTOR $C_e$ =	1.0
SNOW LOAD IMPORTANCE FACTOR =	1.0
THERMAL FACTOR $C_t$ =	1.0

**SEISMIC DESIGN DATA**

SEISMIC RISK CATEGORY =	II
SEISMIC USE GROUP =	1
SEISMIC DESIGN CATEGORY	B
DESIGN SPECTRAL RESPONSE =	$S_{ds} = 0.177$ $S_{di} = 0.1056$
MAPPED SPECTRAL RESPONSE ACCEL. =	$S_s = 0.166$ +/- $S_t = 0.066$
SITE CLASS	D
ANALYSIS PROCEDURE =	EQUIVALENT LATERAL FORCE
BASIC SEISMIC-FORCE RESISTING SYSTEM =	LIGHT FRAMED WALLS SHEATHED W/ WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE.

**CLIMATE and GEOGRAPHIC DATA**

CLIMATE ZONE =	5
WINTER DESIGN TEMPERATURE =	5° F
FROST LINE DEPTH =	32"
CONCRETE WEATHERING =	SEVERE
AIR FREEZING INDEX =	LESS THAN 1500
DECAY PROBABILITY	SLIGHT to MODERATE
TERMITES INFESTATION =	MODERATE TO HEAVY
ASSUMED SOIL BRG. CAPACITY =	2,000 PSF ASSUMED

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COVER SHEET

BUCKEYE HILLS CAREER CENTER

NEW TRADES BUILDING

351 BUCKEYE HILLS ROAD

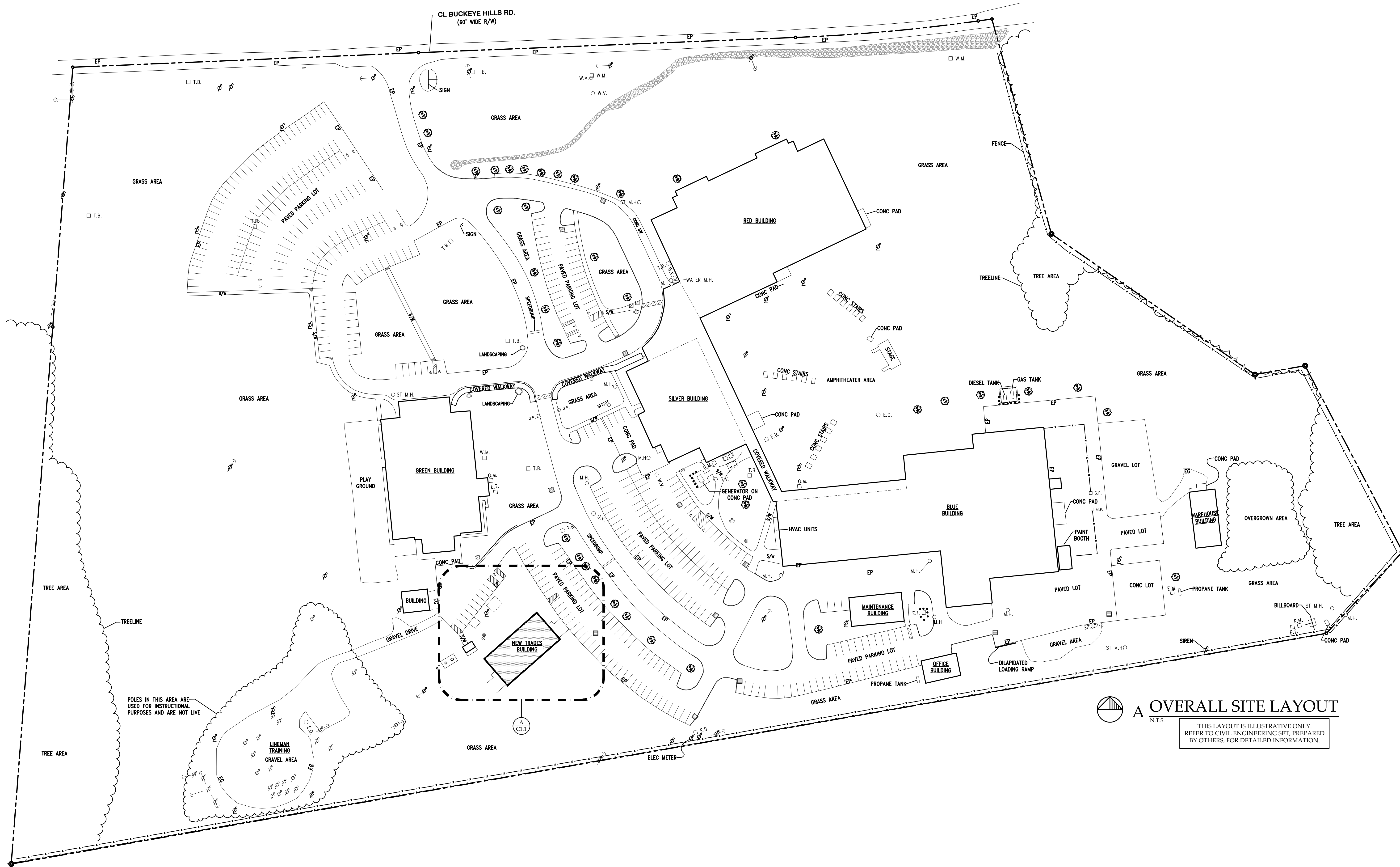
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- PRELIMINARY 04-21-2022
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- PERMIT SET
- REVISIONS:
- 04-15-2024 ADDENDUM #1

NOT FOR  
CONSTRUCTION

A0.0





**A OVERALL SITE LAYOUT**  
N.T.S.

THIS LAYOUT IS ILLUSTRATIVE ONLY.  
REFER TO CIVIL ENGINEERING SET, PREPARED  
BY OTHERS, FOR DETAILED INFORMATION.

**OVERALL SITE LAYOUT**  
**BUCKEYE HILLS CAREER CENTER**  
**NEW TRADES BUILDING**  
351 BUCKEYE HILLS ROAD  
RIO GRANDE, OHIO 45674

□ PRELIMINARY	04-21-2022
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**A ENLARGED PARTIAL SITE LAYOUT**  
SCALE: 1" = 20'-0"

THIS LAYOUT IS ILLUSTRATIVE ONLY.  
REFER TO CIVIL ENGINEERING SET, PREPARED  
BY OTHERS, FOR DETAILED INFORMATION.

ENLARGED SITE PLAN

BUCKEYE HILLS CAREER CENTER

NEW TRADES BUILDING

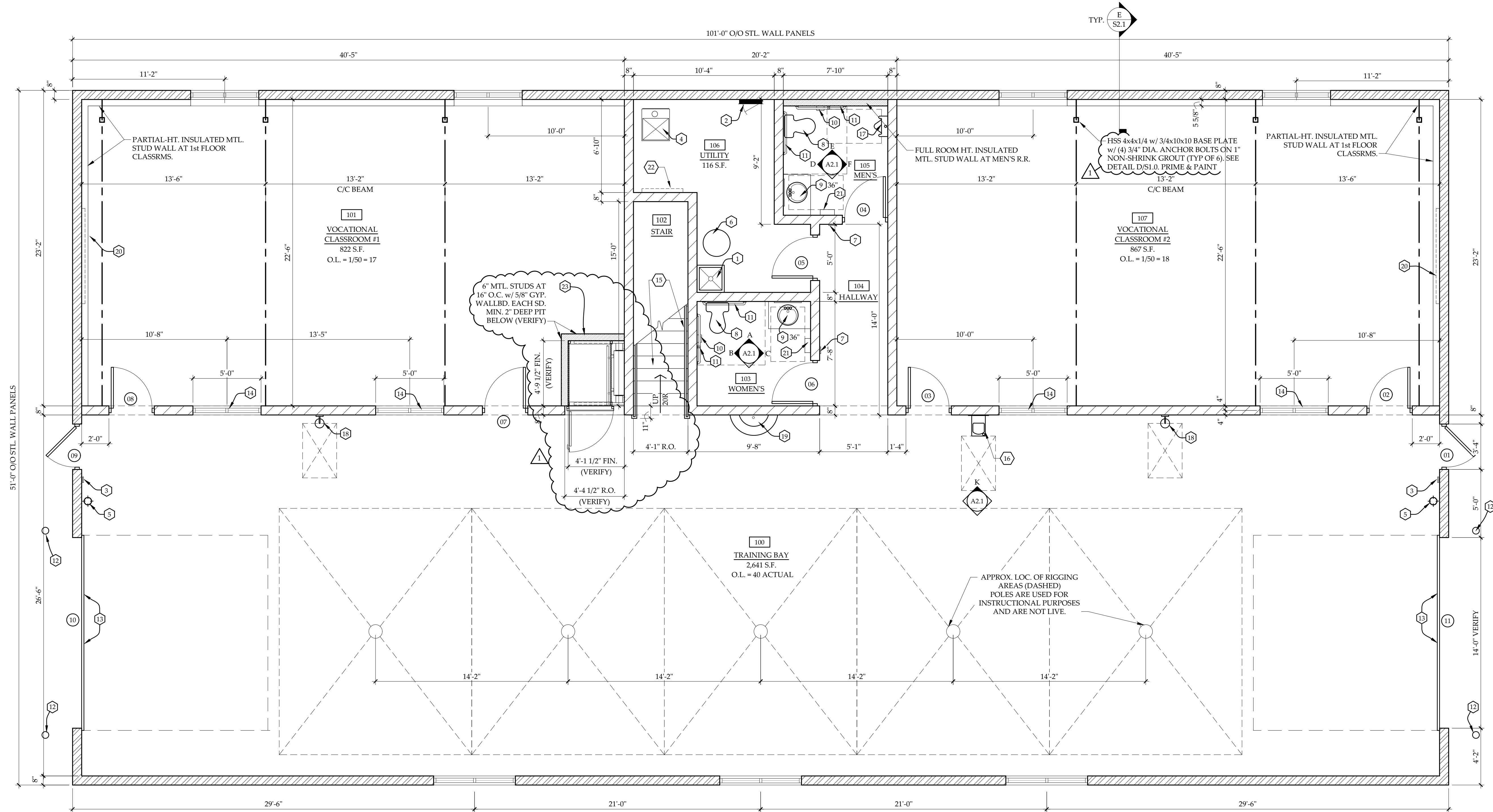
351 BUCKEYE HILLS ROAD  
RIO GRANDE, OHIO 45674



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NOT FOR  
CONSTRUCTION

C1.2



**FIRST FLOOR PLAN**  
SCALE: 1/4" = 1'-0" 5,151 G.S.F.

**WALL SCHEDULE:**

- NOTES:  
PROVIDE & INSTALL MOISTURE RESISTANT GYPSUM BOARD IN RESTROOMS.
- 1. 3'-5/8" PARTIAL HT. WALL. ROUGH TOP AT 23' 11 1/4" +/- AFF. METAL STUDS AT 24" O.C. w/ INSULATION. 5/8" GYPSUM BOARD AT INTERIOR FACE. 8" INSULATED STEEL WALL PANEL AT EXTERIOR FACE. NOTE: EXTEND STUD WALL FULL-ROOM HT. AT MEN'S R.R. #105.
  - 2. 8" W. INSULATED STEEL WALL PANEL.
  - 3. 6" METAL STUD WALL AT 16" O.C. w/ 5/8" GYPSUM WALLBOARD OVER.
  - 4. 3'-5/8" METAL STUD WALL AT 16" O.C. w/ 5/8" GYPSUM WALL BOARD OVER.
  - 5. 8" W. CMU WALL w/ #5 AT 48" O.C. VERTICAL REINFORCING (TYP.)

**FLOOR PLAN NOTES:**

- GENERAL NOTES  
A. VERIFY COLORS, STYLES, & MATERIALS w/ OWNER.  
B. BUILDING IS TO BE FULLY SPRINKLERED.  
C. BUILDING IS TO BE EQUIPPED w/ FIRE ALARM.
- CODED NOTES (C)  
1. PROVIDE & INSTALL MOP SINK & ACCESSORIES.  
2. PROPOSED LOCATION FOR ELECTRIC PANEL.  
3. PROVIDE & INSTALL EXIT TACTILE SIGN. SEE DETAIL B/A1.1  
4. PROPOSED LOCATION FOR FURNACE.  
5. PROVIDE & INSTALL 10 LB. ABC FIRE EXTINGUISHER. EXACT LOCATION TO BE VERIFIED BY LOCAL FIRE INSPECTOR.  
6. PROPOSED LOCATION FOR WATER HEATER.  
7. PROVIDE & INSTALL RESTROOM DESIGNATION SIGNAGE. SEE DETAILS C/A1.1 & D/A1.1  
8. PROVIDE & INSTALL NEW ADA COMPLIANT TOILET & ACCESSORIES.  
9. PROVIDE & INSTALL ADA COMPLIANT LAV. IN COUNTER TOP AT 34" A.F.F. (SIZE AS NOTED) OPEN BELOW. w/ FAUCET, ACCESSORIES, LAV GUARD & MIRROR ABV.  
10. PROVIDE & INSTALL TOILET PAPER HOLDER.  
11. PROVIDE & INSTALL STAINLESS STEEL ADA COMPLIANT GRAB BAR.  
12. PROVIDE & INSTALL METAL CONCRETE FILLED BOLLARD. PAINT. SEE DETAIL C/A3.2.  
13. PROVIDE & INSTALL 14'-0" WIDE x 14'-0" TALL OVERHEAD INSULATED METAL DOOR WITH ELECTRONIC OPENER.  
14. PROVIDE & INSTALL (2) 2'-6" W x 4" H FIXED ALUMINUM STOREFRONT PANEL. PREFINISHED. KAWNEER OR EQUAL. 1/2" SOLID SURFACE SILL.  
15. PROVIDE & INSTALL NEW STAIRS w/ METAL RAILING @ 36" ABOVE NOSING w/ 12" EXTENSIONS TOP & BOTTOM. RISERS = 7" MAX. / TREADS = 11"

- 16. PROVIDE AND INSTALL WATER BOTTLE REFILLING STATION WITH SINGLE ADA COMPLIANT SPOUT. ELKAY # LZS88SLK OR EQUAL. WITH CHILLER AND WATER FILTER. SPOUT HT. AT MAX. 36" A.F.F.
- 17. (OMITTED)
- 18. PROVIDE & INSTALL FLOOR-MTD. COMBO. EYE WASH / EMERGENCY SHOWER STATION w/ FLOOR DRAIN.
- 19. PROVIDE & INSTALL HAND WASH BASIN. 36" SEMI-CIRCULAR, TERREON BOWL WITH FOOT OPERATION.
- 20. PROPOSED LOCATION FOR 75" LED TV (WALL MOUNTED) w/ HDMI CONNECTION. COORDINATE w/ OWNER. MIN. SIZE 14" x 14"
- 21. PROVIDE & INSTALL DYSON AIR HAND DRYER DRYER MTD. AT ADA COMPLIANT HT.
- 22. PROVIDE & INSTALL UNDER-STAIR ACCESS PANEL. SURFACE-MOUNTED STEEL DOOR WITH DRYWALL FLANGE. PAINTABLE SURFACE. NON FIRE-RATED. SPRING CLOSER. SELF-LATCHING.
- 23. PROVIDE & INSTALL WHEELCHAIR LIFT APPROX. 34"W x 54"D PLATFORM. STRAIGHT THROUGH ACCESS. MIN. 2" DEEP PIT BENEATH FOR FLUSH ACCESS (VERIFY). PROVIDE 42" HT. POWERED AUTO-OPERATED GATES AT FRONT AND REAR OF CAB. PROVIDE UPS POWER SUPPLY. THE LIFT MUST RETURN TO THE 1st FLOOR DURING A POWER OUTAGE. CONFIRM ENCLOSURE DIMENSIONS w/ MANUF. OWNER TO SELECT FINISHES AND OPTIONAL TEMPERED GLASS OR ALUMINUM GATE INSERTS. TRUS-T-LIFT 750 OR EQUAL.

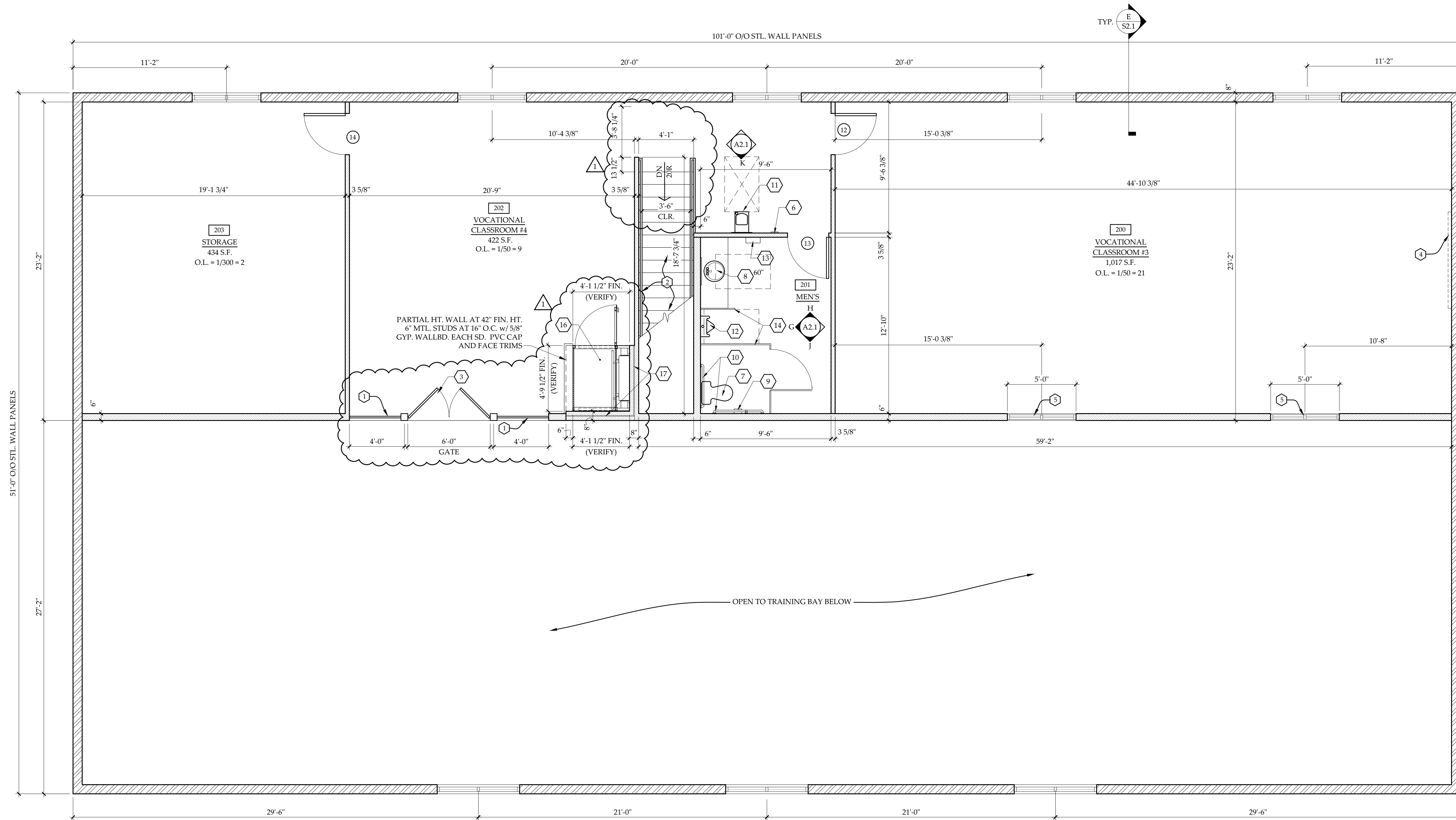
**FIRST FLOOR PLAN**  
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NOT FOR CONSTRUCTION

A1.1





**A SECOND FLOOR PLAN**  
SCALE: 1/4" = 1'-0" 2,297 G.S.F.

**FLOOR PLAN NOTES:**

**GENERAL**

A. VERIFY COLORS, STYLES, & MATERIALS w/ OWNER.

**CODED NOTES**

1. PROVIDE & INSTALL NEW METAL GUARD RAIL @ 42" A.F.F. w/ 1/2"Ø METAL BALUSTERS @ 4" O.C.
2. PROVIDE & INSTALL NEW STAIRS w/ METAL RAILING @ 36" ABOVE NOSING w/ 12" EXTENSIONS TOP & BOTTOM. RISERS = 7" MAX / TREADS = 11"
3. PROVIDE & INSTALL 6'-0" WIDE x 42" H GATE/RAILING w/ FLUSH BOLT & LOCK.
4. PROPOSED LOCATION FOR PULL DOWN SCREEN & SHORT THROW PROJECTOR. COORDINATE w/ OWNER.
5. PROVIDE & INSTALL (2) 2'-6" W x 4' H FIXED ALUMINUM STOREFRONT PANEL. PREFINISHED. KAWNEER OR EQUAL. 1/2" SOLID SURFACE SILL.
6. PROVIDE & INSTALL RESTROOM DESIGNATION SIGNAGE. SEE DETAILS C/A1.0 & D/A1.0
7. PROVIDE & INSTALL NEW ADA COMPLIANT TOILET & ACCESSORIES.
8. PROVIDE & INSTALL ADA COMPLIANT LAV. IN COUNTER TOP AT 34" A.F.F. (SIZE AS NOTED) OPEN BELOW. w/ FAUCET, ACCESSORIES, LAV GUARD & MIRROR ABV.
9. PROVIDE & INSTALL TOILET PAPER HOLDER.
10. PROVIDE & INSTALL STAINLESS STEEL ADA COMPLIANT GRAB BAR.
11. PROVIDE AND INSTALL WATER BOTTLE REFILLING STATION WITH SINGLE ADA COMPLIANT SPOUT. ELKAY # LZS8WSLK OR EQUAL. WITH CHILLER AND WATER FILTER. SPOUT HT. AT MAX. 36" A.F.F.

12. PROVIDE & INSTALL ADA COMPLIANT URINAL & ACCESSORIES.
13. PROVIDE & INSTALL DYSON AIR HAND DRYER MTD. AT ADA COMPLIANT HT.
14. PROVIDE & INSTALL TOILET STALL PARTITIONS.
15. PROVIDE & INSTALL 10 LB. ABC FIRE EXTINGUISHER. EXACT LOCATION TO BE VERIFIED BY LOCAL FIRE INSPECTOR.
16. PROVIDE & INSTALL WHEELCHAIR LIFT APPROX. 34" W x 54" D PLATFORM. STRAIGHT THROUGH ACCESS. MIN. 2" DEEP PTT BENEATH FOR FLUSH ACCESS (VERIFY). PROVIDE 42" HT. POWERED AUTO OPERATED GATES AT FRONT AND REAR OF CAB. PROVIDE UPS POWER SUPPLY. THE LIFT MUST RETURN TO THE 1st FLOOR DURING A POWER OUTAGE. CONFIRM ENCLOSURE DIMENSIONS w/ MANUF. OWNER TO SELECT FINISHES AND OPTIONAL TEMPERED GLASS OR ALUMINUM GATE INSERTS. TRUS-LIFT 750 OR EQUAL.
17. PROVIDE & INSTALL (2) 3.5/8" STEEL STUD AT 16" O.C. WALL w/ 3/4" AIR GAP. ENSURE 8" OVERALL WIDTH TO ALIGN w/ HOISTWAY WALL BELOW. 5/8" GYPSUM WALLBOARD BOTH EXTERIOR SIDES OF WALL.

**WALL SCHEDULE:**

**NOTES:**

PROVIDE & INSTALL MOISTURE RESISTANT GYPSUM BOARD IN RESTROOMS.

- 13 5/8" 3-5/8" PARTIAL HT. WALL ROUGH TOP AT 23 11 1/4" AFF. METAL STUDS AT 24" O.C. w/ INSULATION. 5/8" GYPSUM BOARD AT INTERIOR FACE. 8" INSULATED STEEL WALL PANEL AT EXTERIOR FACE. NOTE: EXTEND STUD WALL FULL-ROOM HT. AT MEN'S R.R. #105.
- 8" W. INSULATED STEEL WALL PANEL.
- 6" METAL STUD WALL AT 16" O.C. w/ 5/8" GYPSUM WALLBOARD OVER.
- 3-5/8" METAL STUD WALL AT 16" O.C. w/ 5/8" GYPSUM WALL BOARD OVER.
- 8" W. CMU WALL w/ #5 AT 48" O.C. VERTICAL REINFORCING (TYP.)

SECOND FLOOR PLAN

BUCKEYE HILLS CAREER CENTER

NEW TRADES BUILDING

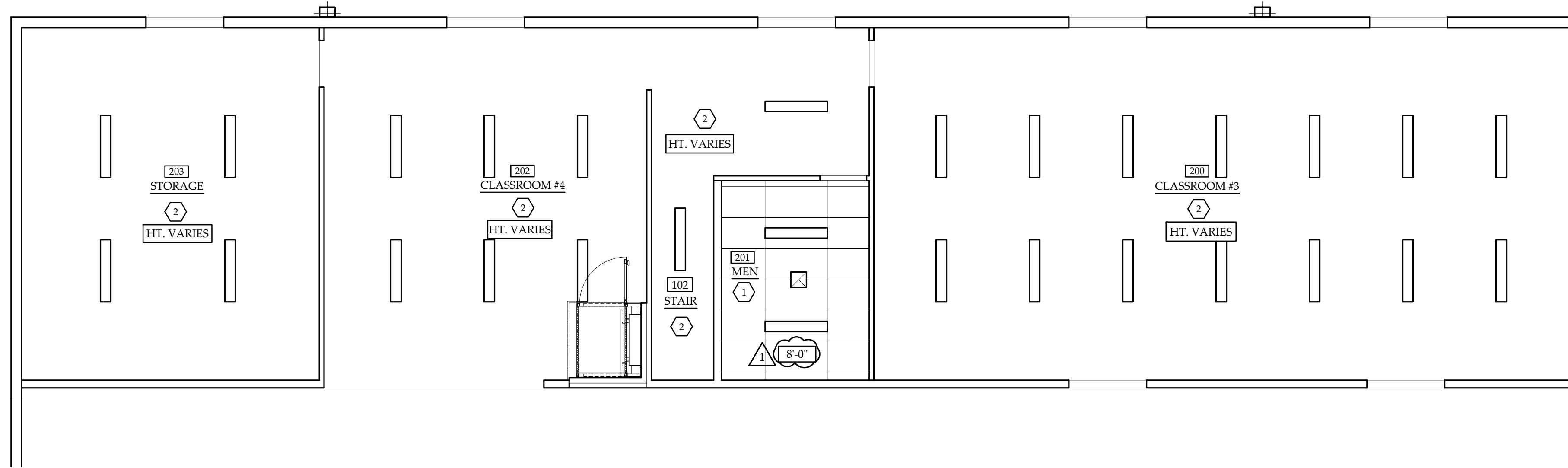
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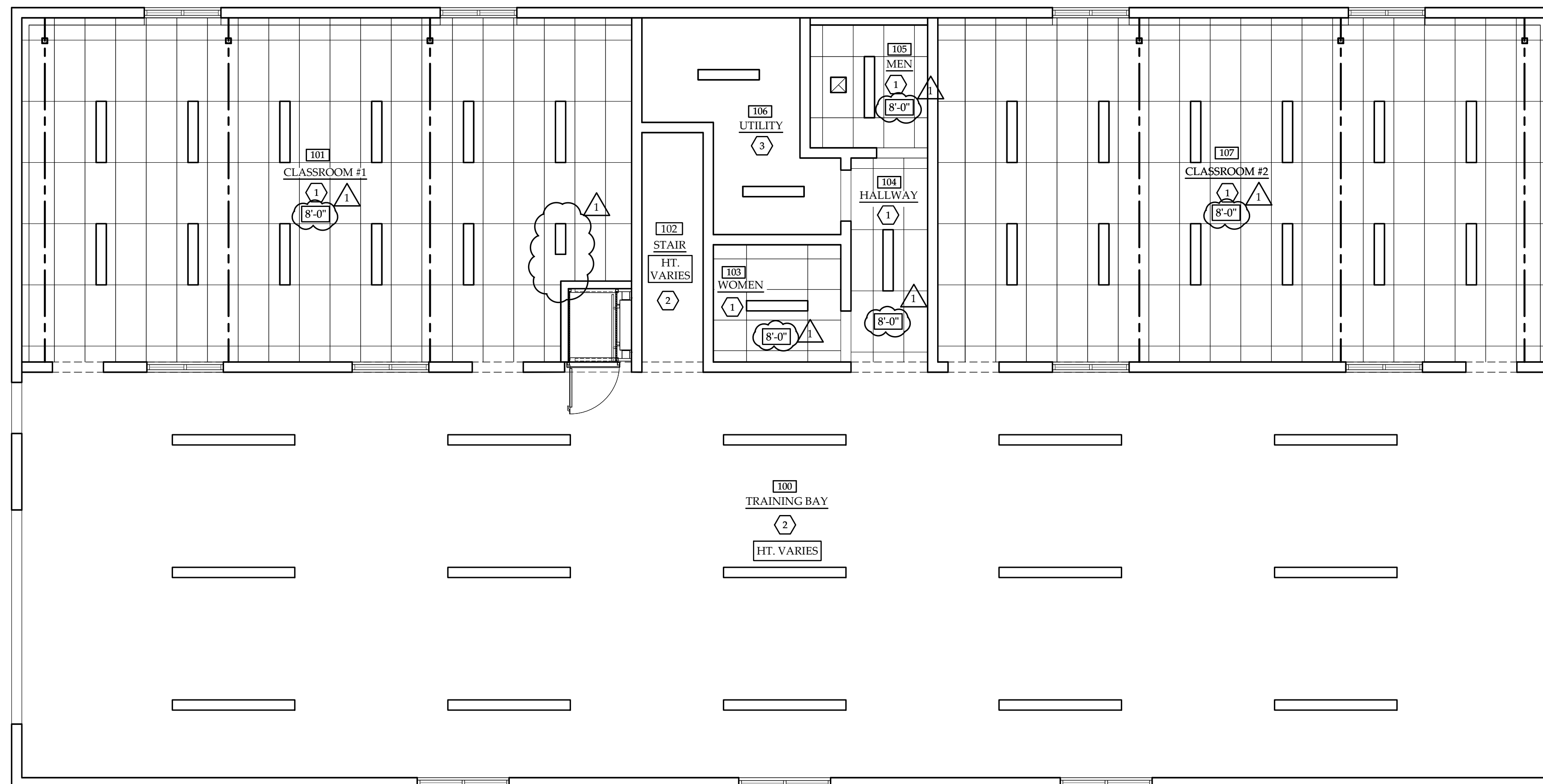
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A1.2



**A** 2nd FLOOR REFLECTED CEILING PLAN  
SCALE: 3/16" = 1'-0"



**B** 1st FLOOR REFLECTED CEILING PLAN  
SCALE: 3/16" = 1'-0"

**REFLECTED CEILING PLAN NOTES:**

**GENERAL**

- A. FIELD VERIFY ALL CONDITIONS AND DIMENSIONS.
- B. VERIFY ALL COLORS, MATERIALS, AND STYLES w/ OWNER.

**CODED PLAN NOTES:**

1. PROVIDE & INSTALL SUSPENDED 2'x4' ACOUSTICAL CEILING TILE & GRID. HEIGHT AS NOTED. INSTALL IN ACCORDANCE w/ ASTM C 635 and ASTM C 636.
2. EXPOSED ROOF INSULATION ABOVE w/ LINER.
3. EXPOSED STRUCTURE and DECKING. OPTIONAL PAINT.

REFLECTED CEILING PLANS

BUCKEYE HILLS CAREER CENTER  
NEW TRADES BUILDING  
351 BUCKEYE HILLS ROAD  
RIO GRANDE, OHIO 45674



- PRELIMINARY 04-21-2022
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- REVISIONS:
- ① 04-15-2024 ADDENDUM #1

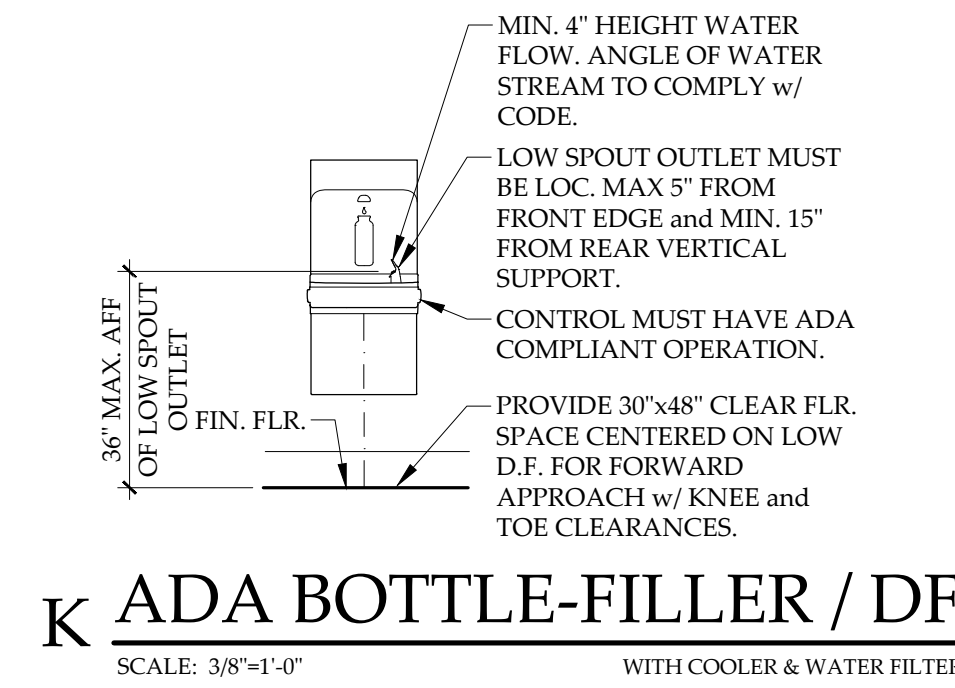
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A1.3



**ROOM FINISH SCHEDULE:**

ROOM	FLOORS	BASE	WALLS	CEILING
SPACE DESIGNATION				
DESCRIPTION	SEALED CONCRETE, TROWEL FIN.	4" VINYL COVE, BLACK 6" VINYL COVE, BLACK	GYPSUM BOARD PAINT CMU, PAINTED	EXPOSED STRUCTURE, PAINT 2x4 ACOUSTICAL TILE
100 TRAINING BAY				
101 CLASSROOM #1				
102 STAIR				
103 WOMEN				
104 HALLWAY				
105 MEN				
106 UTILITY				
107 CLASSROOM #2				
200 CLASSROOM #3				
201 MEN				
202 CLASSROOM #4				
203 STORAGE				

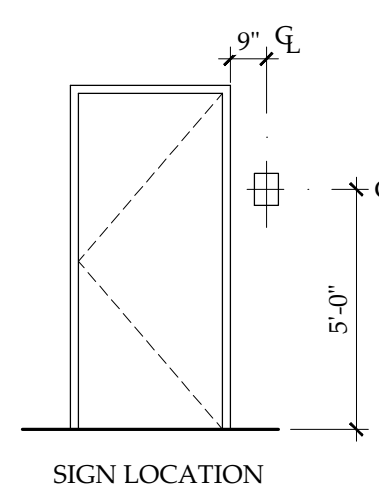


**ADA COMPLIANT SIGNAGE:**

- SIGN MOUNTING HEIGHT**
  - HEIGHT OF THE BASELINE OF THE LOWEST RAISED CHARACTERS AND BRAILLE SHALL BE MIN. 48" A.F.F. HEIGHT OF THE BASELINE OF THE HIGHEST RAISED CHARACTERS AND BRAILLE SHALL BE MAX. 60" A.F.F.
  - BOTTOM OF PROJECTING OVERHEAD SIGNS SHALL BE MOUNTED MIN. 6'-8" A.F.F.
- DOOR SIGN TO BE MOUNTED ON THE WALL BESIDE THE LATCH SIDE OF THE DOOR.**
  - ENSURE 18"x18" CLEAR FLOOR AREA CENTERED ON THE RAISED CHARACTERS AND BEYOND THE ARC OF THE DOOR SWING.
  - WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE OF THE DOOR, SIGNS SHALL BE MOUNTED ON THE NEAREST ADJACENT WALL.
  - DOOR SIGNS MAY BE MOUNTED ON THE PUSH SIDE OF DOORS WITH CLOSERS AND WITHOUT HOLD-OPEN DEVICES.
- SIZING:**
  - CHARACTER SIZING, SPACING, LINES OF TEXT, AND MARGINS SHALL COMPLY WITH ICC A117.1-2009.
  - SIGN SIZE SHALL COMPLY WITH ICC A117.1-2009.
  - RAISED CHARACTERS, BRAILLE, AND PICTOGRAMS SHALL COMPLY WITH ICC ANSI 117.1-2009.
  - PICTOGRAMS MUST HAVE MIN. 6" OF FIELD HT. AND USE INTERNATIONAL SYMBOLS OF ACCESS WHENEVER POSSIBLE.
- FINISH AND CONTRAST BETWEEN CHARACTERS, PICTOGRAMS AND THEIR BACKGROUNDS SHALL BE HIGH CONTRAST AND HAVE NON-GLARE FINISH.**
  - OWNER TO SELECT SIGN COLORS AND LIGHT-ON-DARK OR DARK-ON-LIGHT SCHEME.

**GENERAL DOOR NOTES:**

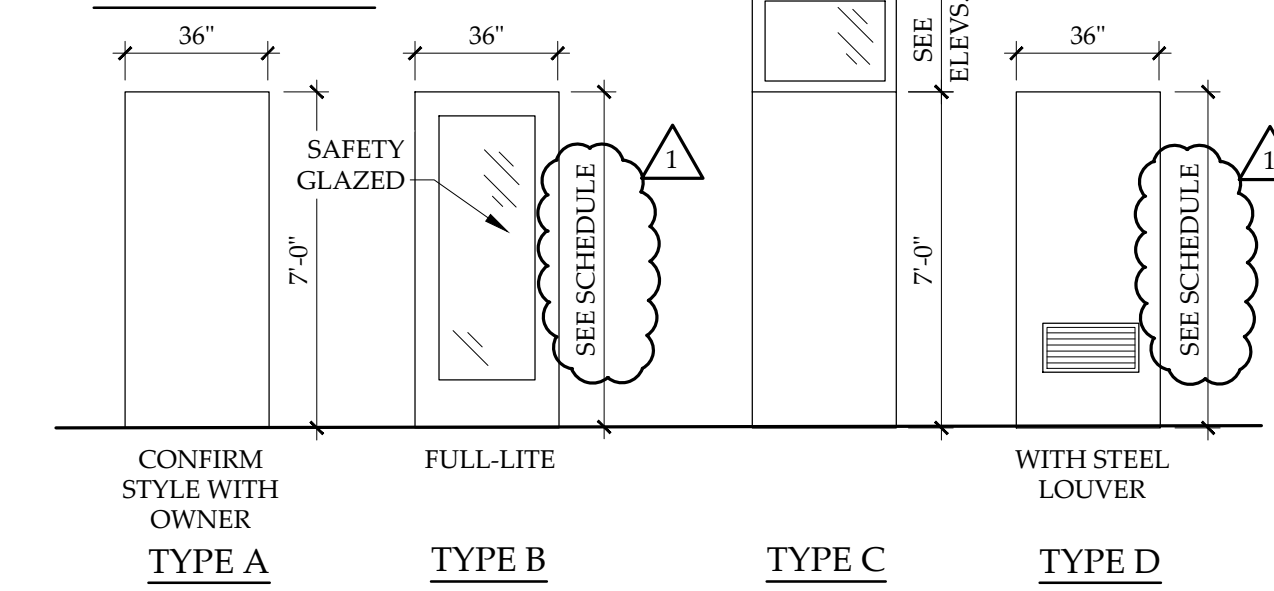
- ROUGH OPENINGS TO BE CONFIRMED WITH MANUFACTURER.
- MAXIMUM EFFORT REQUIRED TO OPERATE DOORS SHALL NOT EXCEED:
  - 8.5 L.B.F. FOR EXTERIOR DOORS.
  - 5.0 L.B.F. FOR INTERIOR DOORS.
- DOORS TO BE MIN. 3" (2 STUDS) FROM INTERSECTING WALLS UNLESS NOTED OTHERWISE.
- FINISHES TO BE SELECTED BY OWNER.



**DOOR SCHEDULE:**

DOOR TAG	DOOR SLAB SIZE (CONFIRM ROUGH OPENING SIZE WITH MANUFACTURER)	DOOR TYPE	DOOR SWING		COMP.		FINISH		FRAME		SIGNAGE TYPE	NOTES
			SOLID CORE WOOD	INSULATED STEEL	PAINTED	PREFINISHED	STEEL - WELDED	STEEL - KNOCK-DOWN	PAINTED	PREFINISHED		
01	3'-0" x 7'-0"	C	RHR								1	U
02	3'-0" x 6'-8"	B	RH								2	X
03	3'-0" x 6'-8"	B	LH								2	X
04	3'-0" x 6'-8"	D	RH								3	W
05	3'-0" x 6'-8"	D	LH								5	Y
06	3'-0" x 6'-8"	D	LH								3	V
07	3'-0" x 6'-8"	B	RH								2	X
08	3'-0" x 6'-8"	B	LH								2	X
09	3'-0" x 7'-0"	C	LHR								1	U
10	14'-0" x 14'-0"	D	OVHD								-	-
11	14'-0" x 14'-0"	A	OVHD								-	-
12	3'-0" x 7'-0"	B	LH								2	X
13	3'-0" x 7'-0"	D	LH								4	W
14	3'-0" x 7'-0"	A	RH								5	Z

**DOOR TYPES:**



**SIGNAGE:**



**DOOR HARDWARE GENERAL NOTES:**

- THIS HARDWARE SCHEDULE IS GENERIC. DETAILED INFORMATION AND SPECIFICATIONS SHALL BE PROVIDED BY CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING DOOR QUANTITIES, SWINGS, ETC. AND FOR PROVIDING A COMPLETE HARDWARE PACKAGE.
- BALANCE OF HARDWARE NOT LISTED HERE SHALL BE PROVIDED BY DOOR SUPPLIER.
- ALL HARDWARE SHALL BE ADA COMPLIANT.
- COORDINATE KEYING SYSTEMS WITH OWNER.
- OPTIONAL KEYCARD LOCK SYSTEM. COORDINATE WITH OWNER AND ELECTRIC PLANS.
- HARDWARE FINISH AND STYLE TO BE SELECTED BY OWNER.
- ADA COMPLIANT THRESHOLDS SHALL NOT EXCEED 1/2" HEIGHT. THRESHOLDS EXCEEDING 1/4" HEIGHT SHALL HAVE A MAX. 12 BEVEL.
- EXIT SIGNS SHALL BE LOCATED AT ALL EXITS AND EXIT ACCESS DOORS (REFER TO ELECTRIC PLANS):
  - SPACING = MAX. 100' BETWEEN SIGNS.
  - INTERNALLY ILLUMINATED AT ALL TIMES.
  - BATTERY BACK-UP POWER FOR MIN. 90 MINUTES IN THE EVENT OF A POWER OUTAGE.

**HARDWARE SETS:**

- EXIT DOORS**
  - PUSH BAR EXIT DEVICE w/ EXTERIOR KEYPAD DEAD BOLT
  - BUTT HINGES
  - FLUSH CLOSER
  - OVERHEAD STOP
  - KICK PLATES
  - ADA COMPLIANT THRESHOLD
  - SWEEP
  - WEATHERSTRIPPING
  - TACTILE EXIT SIGN
- CLASSROOMS**
  - CLASSROOM LOCK
  - LEVER HANDLE SET
  - BUTT HINGES
  - FLUSH CLOSER
  - OVERHEAD STOP
  - TACTILE ROOM NAME SIGN
- PRIVATE RESTRMS.**
  - PRIVACY LOCK
  - LEVER HANDLE SET
  - BUTT HINGES
  - OVERHEAD STOP
  - TACTILE ROOM NAME SIGN
- RESTROOMS**
  - PASSAGE LATCH
  - LEVER HANDLE SET
  - BUTT HINGES
  - FLUSH CLOSER
  - OVERHEAD STOP
  - TACTILE ROOM NAME SIGN
- UTILITY, STORAGE**
  - STOREROOM LOCK
  - LEVER HANDLE SET
  - BUTT HINGES
  - OVERHEAD STOP
  - TACTILE ROOM NAME SIGN

**RESTROOM ACCESSORY SCHEDULE**

MARK	DESCRIPTION - MANUFACTURER	NOTES
A	FRAMED 1/4" MIRROR - 24" WIDTH x 36" HIGH BOBRICK B-165 2436 (OR EQUIVALENT)	MOUNT WITH BOTTOM OF REFLECTIVE SURFACE AT 40" A.F.F.
B	GRAB BAR - 42" LONG, 1 1/4" - 1 1/2" Ø BOBRICK B-6806x42	MOUNT 12" FROM REAR WALL 33" - 36" A.F.F. CONCEALED MOUNTING
C	GRAB BAR - 36" LONG, 1 1/4" - 1 1/2" Ø BOBRICK B-6806x36	MOUNT 6" FROM SIDE WALL 33" - 36" A.F.F. CONCEALED MOUNTING
D	GRAB BAR - 18" LONG, 1 1/4" - 1 1/2" Ø BOBRICK B-6806x18	MOUNT 6" FROM SIDE WALL 33" - 36" A.F.F. CONCEALED MOUNTING

\* OWNER MAY CHOOSE TO SUPPLY MIRROR WITH DIFFERENT STYLE.  
\* SIMILAR MODEL #'S MAY BE USED. COORDINATE W/ OWNER.

**GENERAL INTERIOR ELEVATION NOTES**

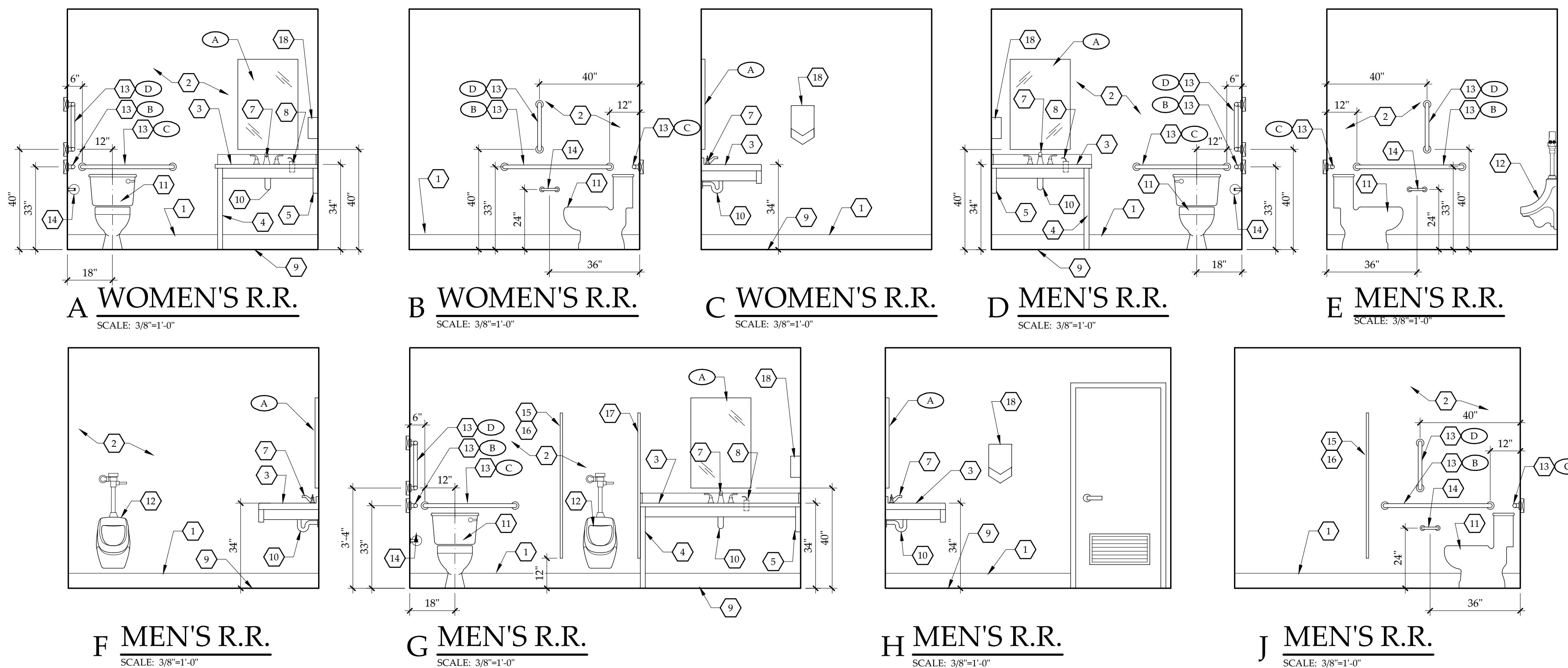
- OWNER TO SELECT STYLES AND COLORS OF ITEMS BELOW. SUBMIT CUT-SHEETS AND SAMPLES WHERE APPLICABLE.
- INSTALL 2x10 SOLID WOOD BLOCKING AT ALL RESTROOM ACCESSORIES AND ALL WALL-MOUNTED ITEMS.

**RESTROOM CODED NOTES**

- COVERED BASE MIN. 6"
- NONABSORBENT SURFACE SHALL BE LOCATED TO MIN. 4" HEIGHT ON WALLS AND PARTITIONS WHICH FALL WITHIN 2' OF THE WATER CLOSET.
- COUNTER TO BE ONE PIECE, 1"-10"D., SOLID SURFACE WITH UNDER-MOUNT LAV AND MIN. 4"H. SIDE AND BACK SPLASHES, 4" H FRONT APRON.
- S.S. POST COUNTERTOP SUPPORT, 2" SQUARE.
- WALL BRACE COUNTER TOP SUPPORT TO BE LAMINATED OR SOLID SURFACE.
- OMITTED
- Faucet must be automatic or have ADA compliant lever handle(s).
- SOAP DISPENSER, LAV-MOUNTED. MUST HAVE AUTOMATIC OR ADA COMPLIANT OPERATION. PROVIDED & INSTALLED BY OWNER & CONTRACTOR TO INSTALL BLOCKING AS REQUIRED.
- CLEAR FLOOR SPACE. PROVIDE 30"x48" CLEAR FLOOR SPACE CENTERED ON LAV. FOR FORWARD APPROACH w/ KNEE and TOE CLEARANCE.
- INSULATE EXPOSED SUPPLY and DRAIN PIPES. NO SHARP OR ABRASIVE SURFACES UNDER LAVATORY.
- WATER CLOSET. FLOOR-MOUNTED, TANK-STYLE VITREOUS CHINA TOILET. FLUSH CONTROL MUST HAVE AUTOMATIC OR ADA COMPLIANT OPERATION. HAND-OPERATED CONTROL MUST BE LOCATED ON THE OPEN SIDE OF TOILET. SEAT TO BE OPEN-FRONT, TOP AT 18" AFF. MIN. 60"x60" FLOOR SPACE.
- URINAL. VITREOUS CHINA, ELONGATED. PROVIDE 30" x 48" CLEAR FLOOR SPACE CENTERED ON URINAL FOR FORWARD APPROACH. FLUSH CONTROL MUST HAVE AUTOMATIC OR ADA COMPLIANT OPERATION AT MAX. 44"

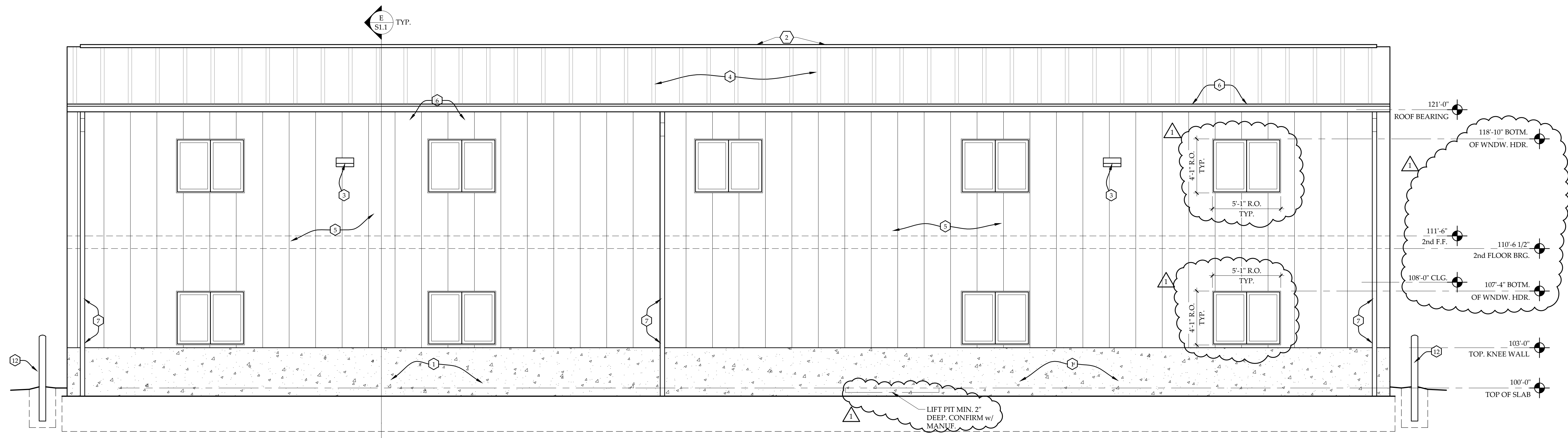
AFF. FRONT RIM AT MAX. 17" AFF.

- GRAB BARS (SIZE AS NOTED) MUST BE 1 1/4"-2" DIAM. SHAPE, STAINLESS STEEL, HAVE TEXTURED GRIPPING SURFACE, STRUCTURAL STRENGTH, FITTINGS, AND ADA COMPLIANT INSTALLATION. PROVIDE BLOCKING IN WALLS AS REQUIRED. MIN. 1 1/2" CLEARANCE BETWEEN FIN. WALL OR PARTITION AND ALL GRAB BARS TYP.
- TOILET PAPER DISPENSER MUST HAVE ADA COMPLIANT OPERATION AND CONTINUOUS PAPER FLOW. PROVIDED & INSTALLED BY OWNER & CONTRACTOR TO INSTALL BLOCKING AS REQUIRED.
- TOILET COMPARTMENT PARTITION, 58" FLOOR-ANCHORED 12" AFF. SOLID-SURFACE. COLOR SELECTED BY OWNER. STANDARD FLOOR-ANCHORED STILE w/ LEVELING DEVICE. FULL-HEIGHT SATIN S.S., SELF-CLOSING HINGE. THRU-BOLTED PANEL-TO-STILE BRACKETS.
- TOILET COMPARTMENT DOOR. CLEAR DOOR OPENING TO BE MIN. 32". OUT-SWINGING, SELF-CLOSING DOOR. REINFORCED LATCH WITH ADA COMPLIANT OPERATION and THRU-BOLTED KEEPER MOUNTED AT 34"-48" AFF. DOOR PULL ON BOTH SIDES OF DOOR LOCATED NEAR LATCH and MOUNTED 34"-48" AFF. PROVIDE DOOR STOP and THRU-BOLTED CLOTHES HOOK MOUNTED AT MAX. 48" AFF. MAX. 4" CLEAR TO THE COMPARTMENT DOOR OPENING FROM SIDE WALL OR FROM THE PARTITION FARTHEST FROM WC.
- WALL-HUNG URINAL SCREEN, SOLID-SURFACE, 30"W x 58"H. WALL-MOUNTED 12" AFF.
- DYSON AIRBLADE AB12V SERIES HAND DRYER IN SPRAYED NICKEL. TO BE AUTOMATIC OR HAVE ADA COMPLIANT OPERABLE PARTS AT 42" AFF. MAX. 4" PROTRUSION FROM WALL.

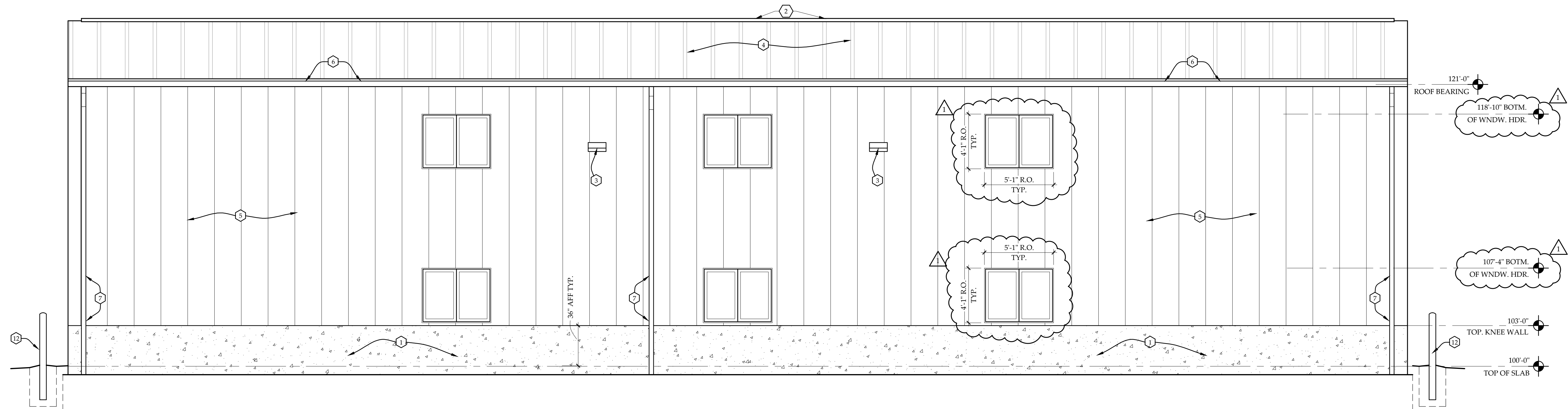


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**A NORTH ELEVATION**  
SCALE: 1/4" = 1'-0"



**B SOUTH ELEVATION**  
SCALE: 1/4" = 1'-0"

**COLOR SCHEDULE:**

EXTERIOR FINISHES	
- METAL WALL COLOR	= COOL GRANITE GRAY
- METAL ROOF COLOR	= COOL GRANITE GRAY
- TRIM COLOR	= COOL GRANITE GRAY
- OVERHEAD / MAN DOORS	= COOL DARK BRONZE
- WINDOW & DOOR FRAMES	= COOL DARK BRONZE

**WINDOW GENERAL NOTES:**

- PROVIDE & INSTALL PAIR (2) 2'-6"W x 4'-0"H, THERMALLY-BROKEN, FIXED METAL STOREFRONT WINDOW AS SHOWN, KAWNEER OR EQUAL.
- GLAZING TO BE INSULATED, LOW-E, and HAVE A MAXIMUM U-FACTOR OF 0.35. GLAZING MUST RESIST WIND, SNOW, SEISMIC, AND DEAD LOADS AS REQD. BY CODE. COLOR SELECTED BY OWNER.
- CONFIRM ROUGH OPENING SIZES w/ WINDOW MANUFACTURER.
- INSTALLATION SHALL BE PER MANUFACTURER'S INSTRUCTIONS and INCLUDE SELF-ADHERED FLASHING AND SEALANT AT ALL WINDOWS.

**EXTERIOR ELEVATION NOTES:**

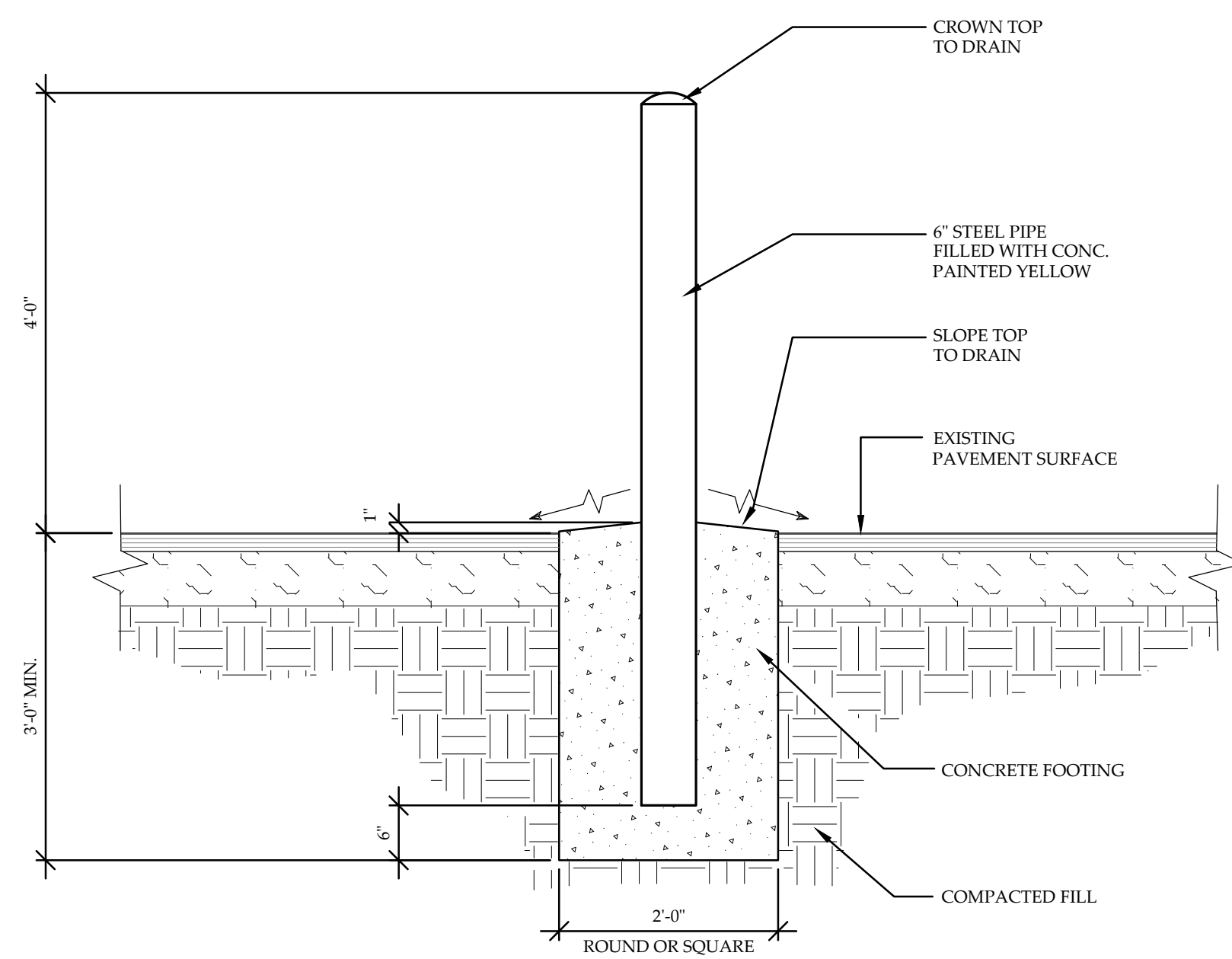
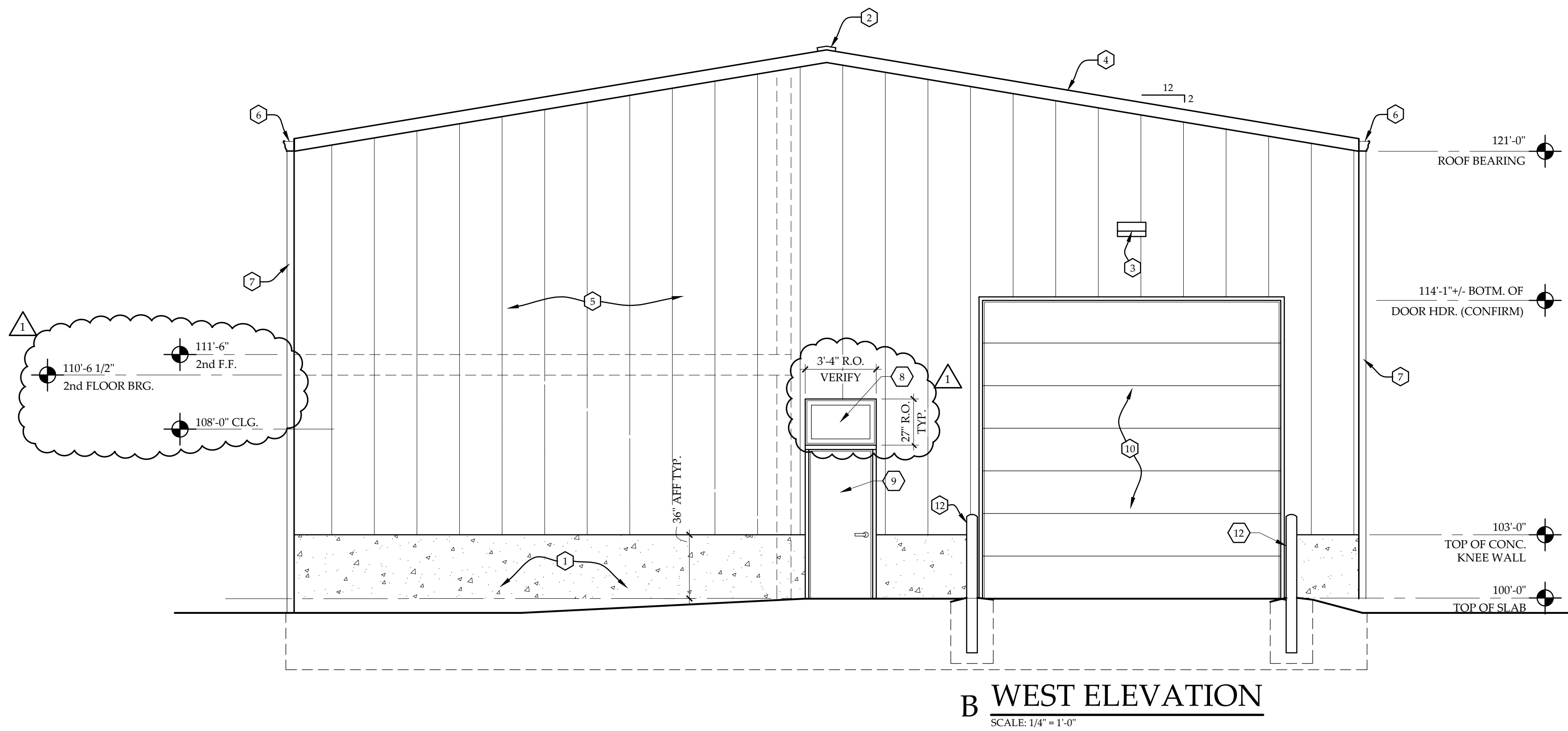
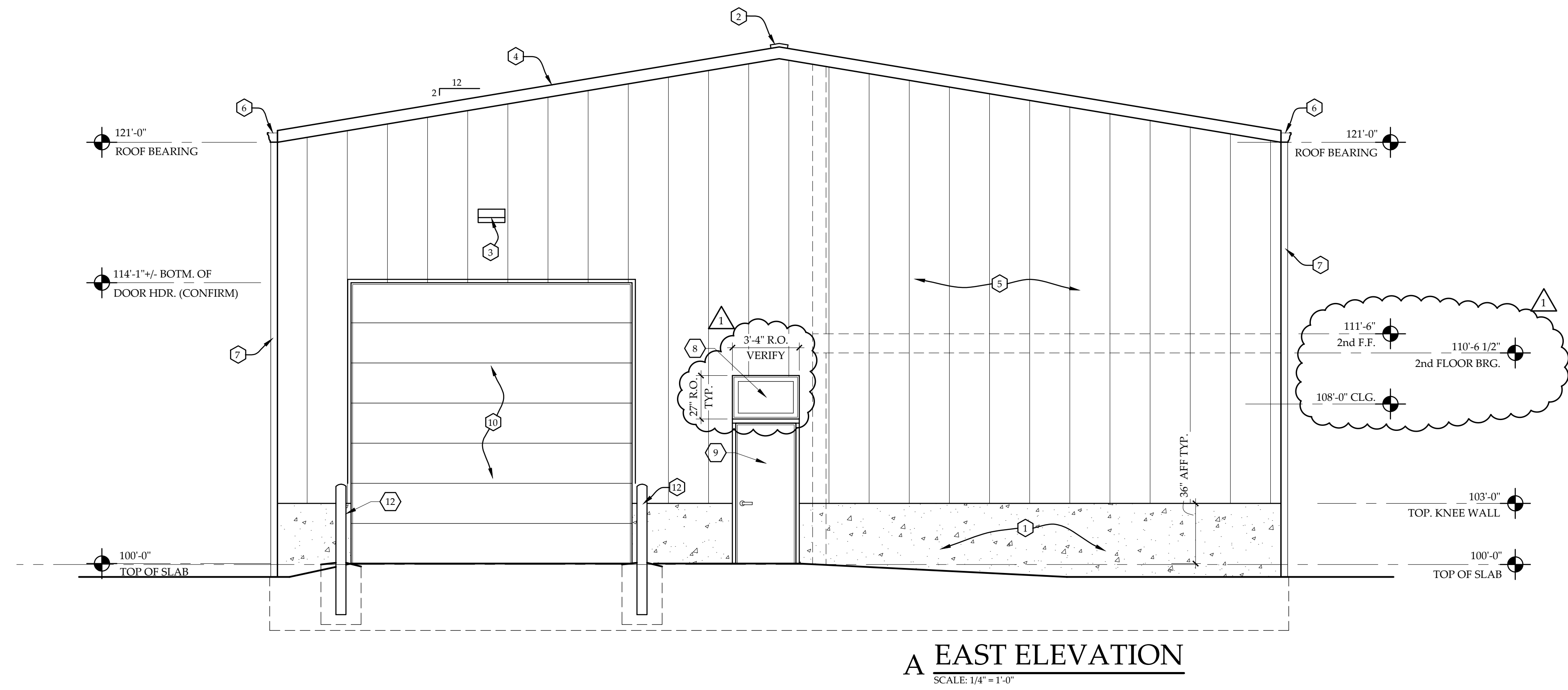
**GENERAL NOTES**

A. VERIFY COLORS, STYLES, & MATERIALS w/ OWNER.

**CODED NOTES**

- EXPOSED POURED CONCRETE FOUNDATION WALL SEALED.
- PROVIDE & INSTALL CONTINUOUS METAL RIDGE VENT.
- PROVIDE & INSTALL LED WALL PACK.
- PROVIDE & INSTALL STANDING SEAM METAL ROOF.
- PROVIDE & INSTALL RIBBED METAL SIDING.
- PROVIDE & INSTALL NEW 6" METAL GUTTER (TO MATCH ROOF COLOR) BRACKETED TO FASCIA @ 18" O.C.
- PROVIDE & INSTALL NEW 3"x4" METAL DOWNSPOUT BRACKETED TO WALL @ 6'-0" O.C. DRAIN TO SPLASH BLOCK.
- PROVIDE & INSTALL FIXED TRANSOM ABOVE DOOR. 26"H x DOOR WIDTH.
- PROVIDE & INSTALL 3'-0"x7'-0" INSULATED METAL DOOR IN METAL FRAME.
- PROVIDE & INSTALL 14'-0"x14'-0" INSULATED METAL OVERHEAD DOOR.
- (OMITTED)
- PROVIDE & INSTALL METAL CONCRETE FILLED BOLLARD. PAINT. SEE DETAIL C/A3.2





**C BOLLARD DETAIL**  
SCALE: 3/4" = 1'-0"

**EXTERIOR ELEVATION NOTES:**

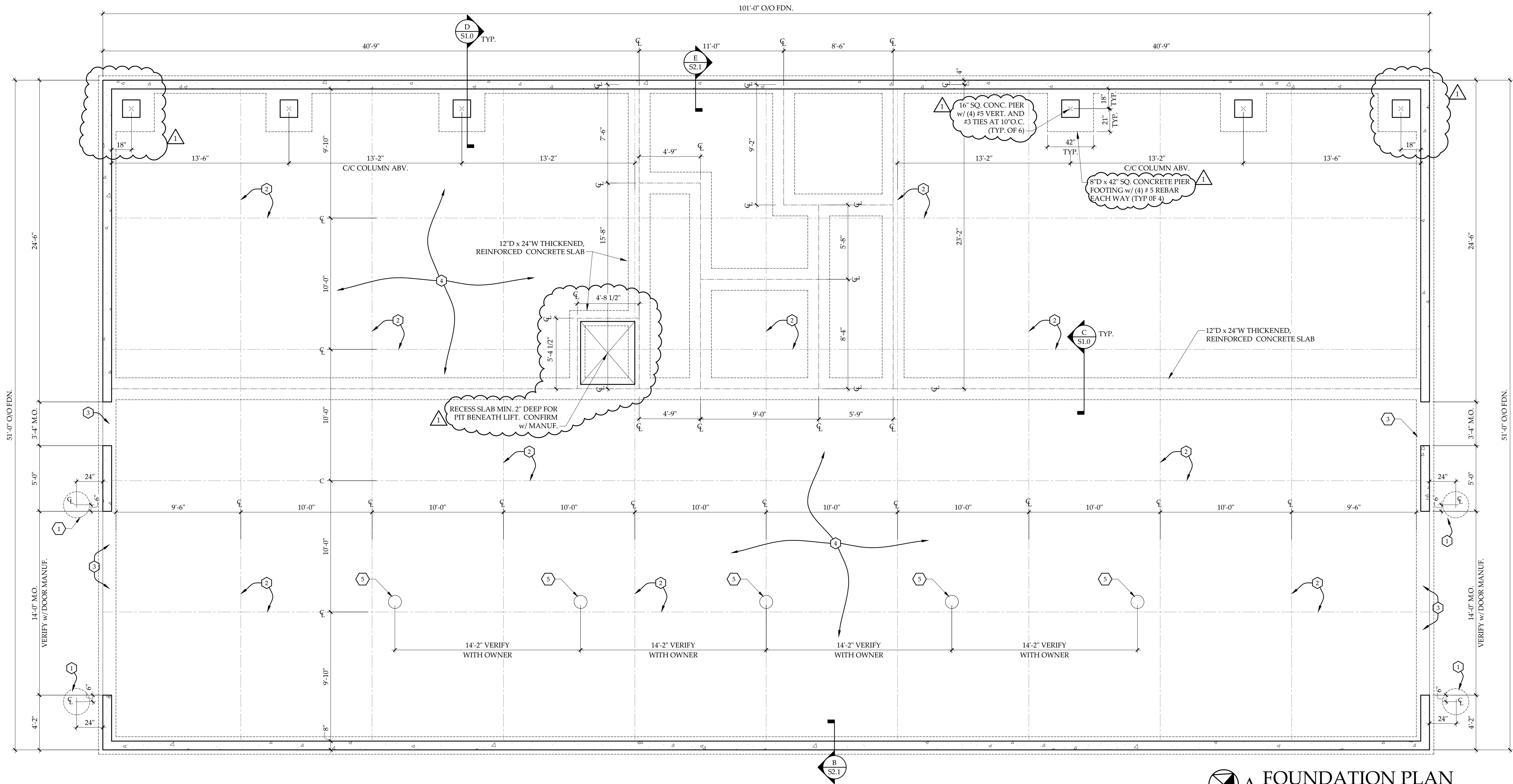
**GENERAL**

A. VERIFY COLORS, STYLES, & MATERIALS w/ OWNER.

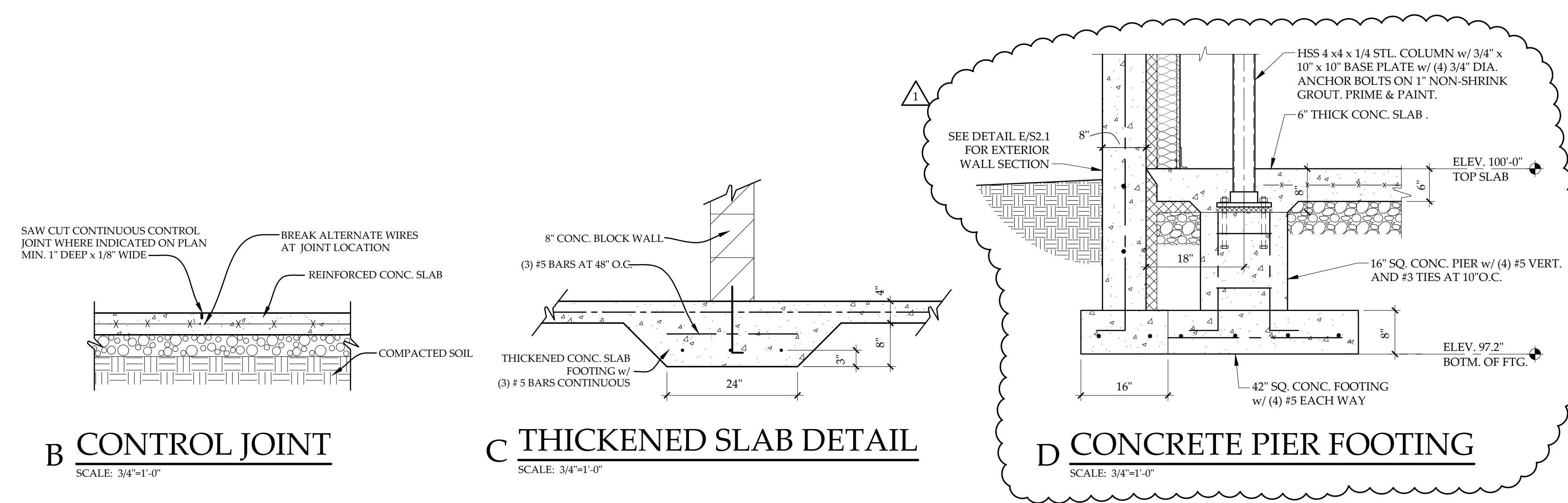
**CODED NOTES**

1. EXPOSED POURED CONCRETE FOUNDATION WALL. SEALED.
2. PROVIDE & INSTALL CONTINUOUS METAL RIDGE VENT.
3. PROVIDE & INSTALL LED WALL PACK.
4. PROVIDE & INSTALL STANDING SEAM METAL ROOF.
5. PROVIDE & INSTALL RIBBED METAL SIDING.
6. PROVIDE & INSTALL NEW 6" METAL GUTTER (TO MATCH ROOF COLOR) BRACKETED TO FASCIA @ 18" O.C.
7. PROVIDE & INSTALL NEW 3"x4" METAL DOWNSPOUT BRACKETED TO WALL @ 6'-0" O.C. DRAIN TO SPLASH BLOCK.
8. PROVIDE & INSTALL FIXED TRANSOM ABOVE DOOR. 26"H x DOOR WIDTH.
9. PROVIDE & INSTALL 3'-0"x7'-0" INSULATED METAL DOOR IN METAL FRAME.
10. PROVIDE & INSTALL 14'-0"x14'-0" INSULATED METAL OVERHEAD DOOR.
11. (OMITTED)
12. PROVIDE & INSTALL METAL CONCRETE FILLED BOLLARD. PAINT. SEE DETAIL C/A3.2





**A FOUNDATION PLAN**  
SCALE: 1/4" = 1'-0"



**B CONTROL JOINT**  
SCALE: 3/4" = 1'-0"

**C THICKENED SLAB DETAIL**  
SCALE: 3/4" = 1'-0"

**D CONCRETE PIER FOOTING**  
SCALE: 3/4" = 1'-0"

**FOUNDATION PLAN NOTES:**

- GENERAL NOTES**
- ALL WOOD IN CONTACT w/ CONCRETE/MASONRY IS TO BE PRESSURE TREATED.
- CODED NOTES**
- PROVIDE & INSTALL 24" ROUND (OR SQUARE) CONCRETE FOOTING FOR BOLLARD. SEE DETAIL C/A/3.2
  - PROVIDE & INSTALL CONTROL JOINT w/ POLY URETHANE SEALANT (SELF LEVELLING). SEE DETAIL B/S/1.0
  - HOLD DOWN FOUNDATION FOR DOOR OPENING & POUR CONCRETE SLAB THROUGH.
  - PROVIDE & INSTALL 4" CONCRETE SLAB w/ 666 W1.4xW1.4 W.W.F. ON 6 MIL VAPOR BARRIER OVER 4" (MIN.) COMPACTED GRAVEL.
  - PROVIDE & INSTALL IN-GROUND SLEEVE w/ CLAMPS TO TEMPORARILY MOUNT AND SECURE RIGGING POLES.
    - PROVIDE SLEEVE DEPTH AND REINFORCEMENT AS REQ'D BY MANUF. TO ENSURE STABILITY AND PREVENT OVER-TURNING OF THE POLE WITH THE ADDED LOAD OF MOUNTED UTILITY WORKERS.
    - PROVIDE SLEEVE WITH LOW PROFILE HEIGHT ABOVE SLAB SO THAT VEHICLES CAN DRIVE OVER IT WHEN POLE IS NOT IN PLACE.
    - COORDINATE QUANTITY, LOCATIONS, AND MANUF. SPECIFICATIONS WITH OWNER.

**FOUNDATION WALL SCHEDULE:**

8" W Poured, Reinf. Concrete Foundation Wall on 16" W x 8" Cont. Conc. Footing w/ (2) Horiz. #5s Contin. Rebars. Extend Ftg. to Min. 32" Below Grade on Undisturbed Soil.
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PRELIMINARY	04-21-2022
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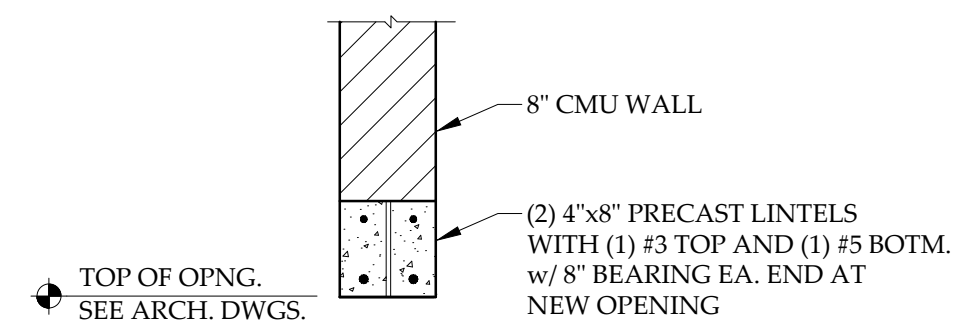
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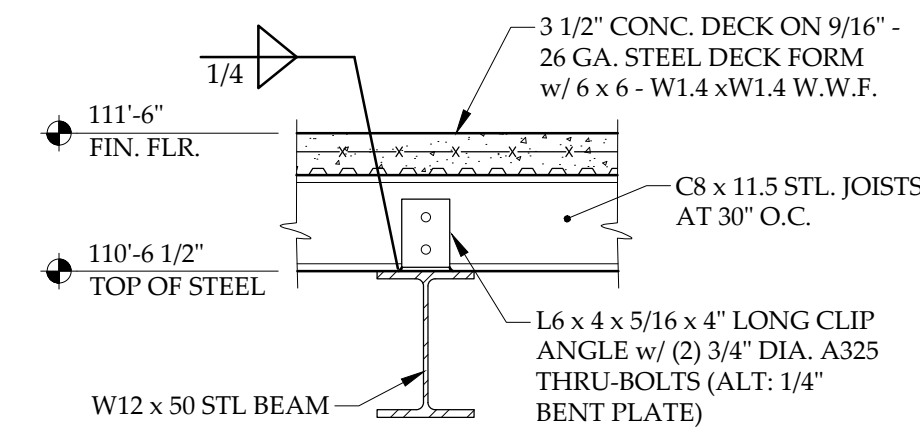




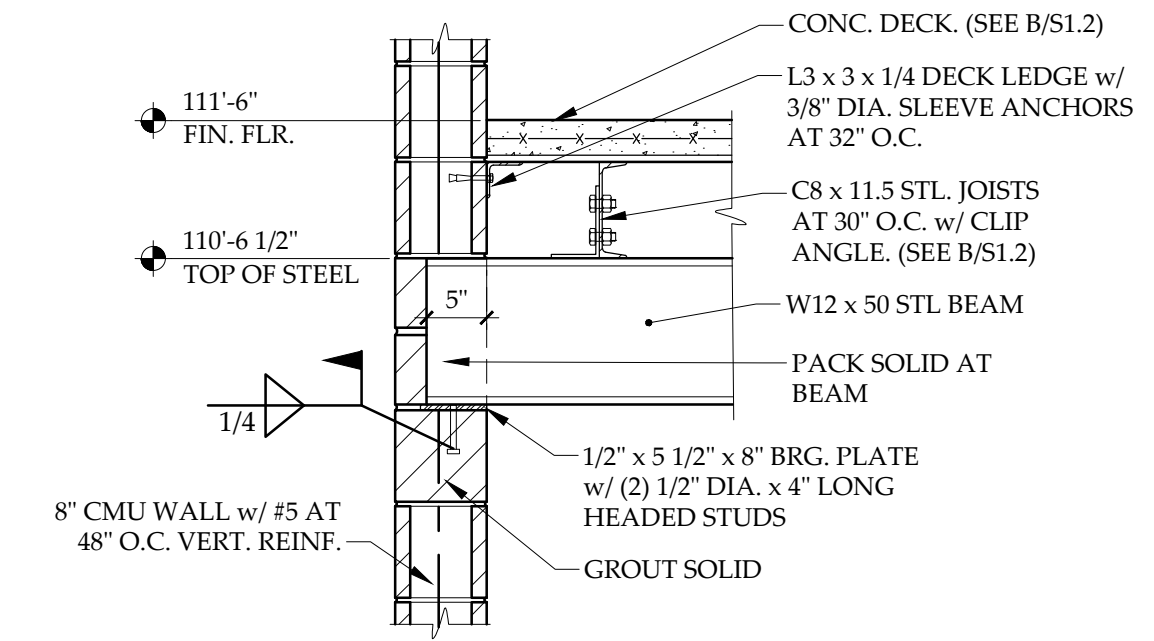




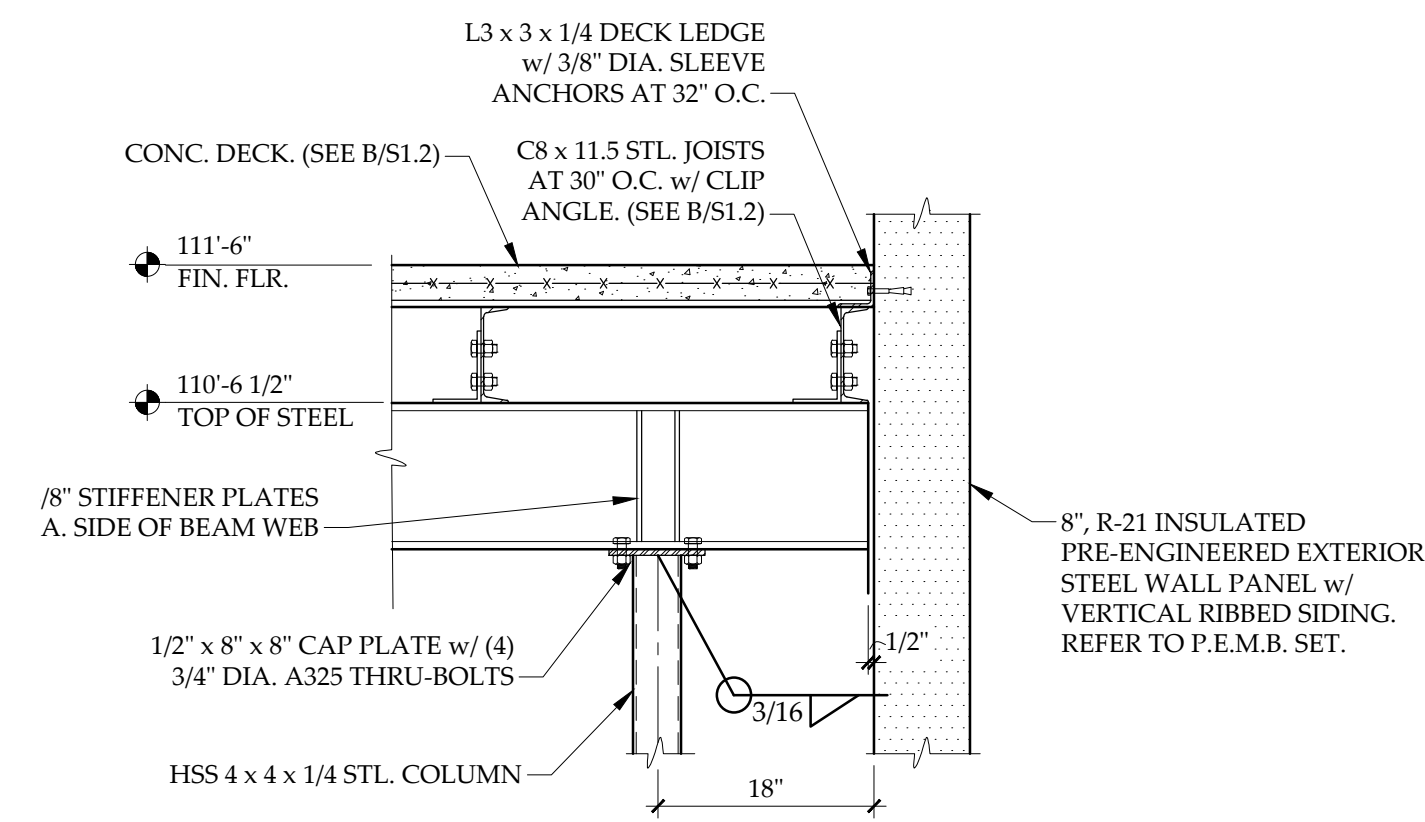
**A CONCRETE LINTEL**  
SCALE: 3/4"=1'-0"



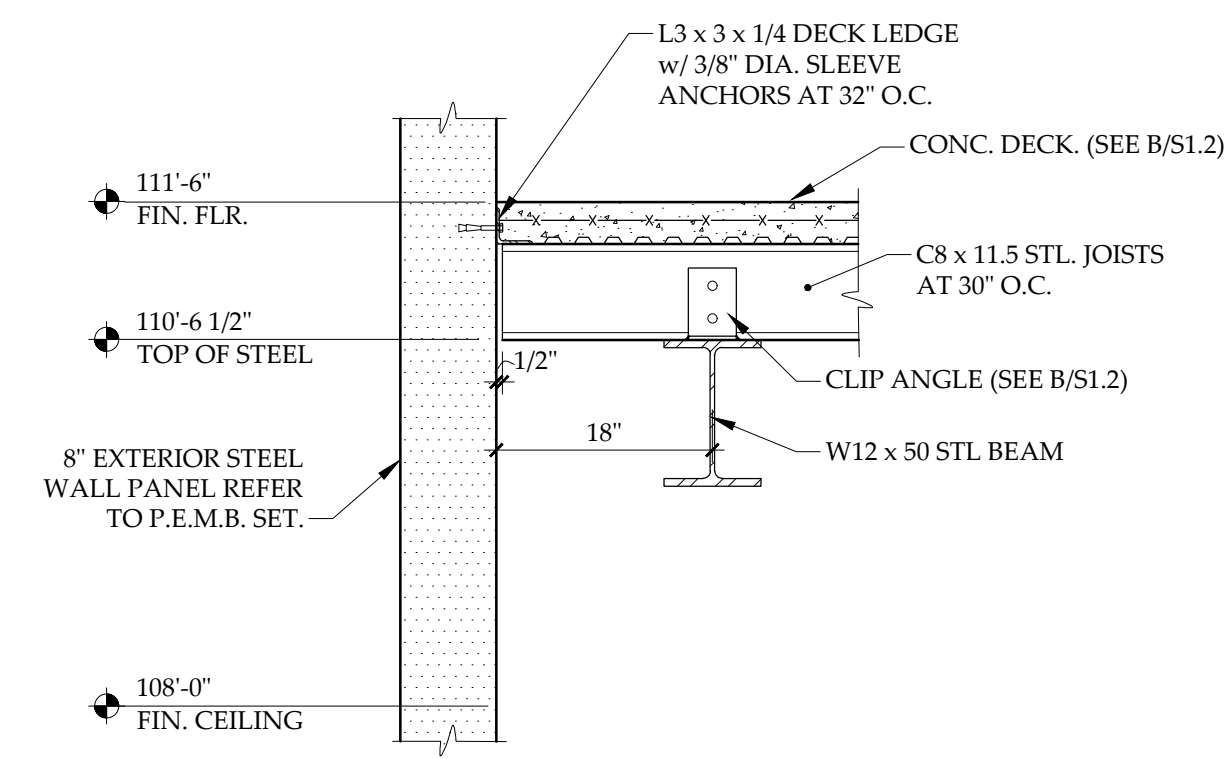
**B BEAM - MIDSPAN**  
SCALE: 3/4"=1'-0"



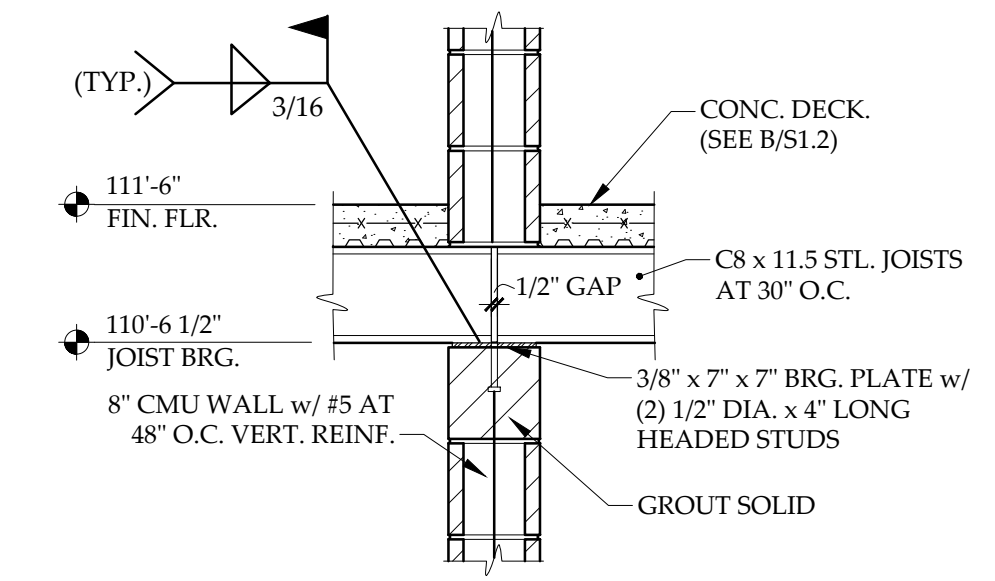
**C BEAM POCKET**  
SCALE: 3/4"=1'-0"



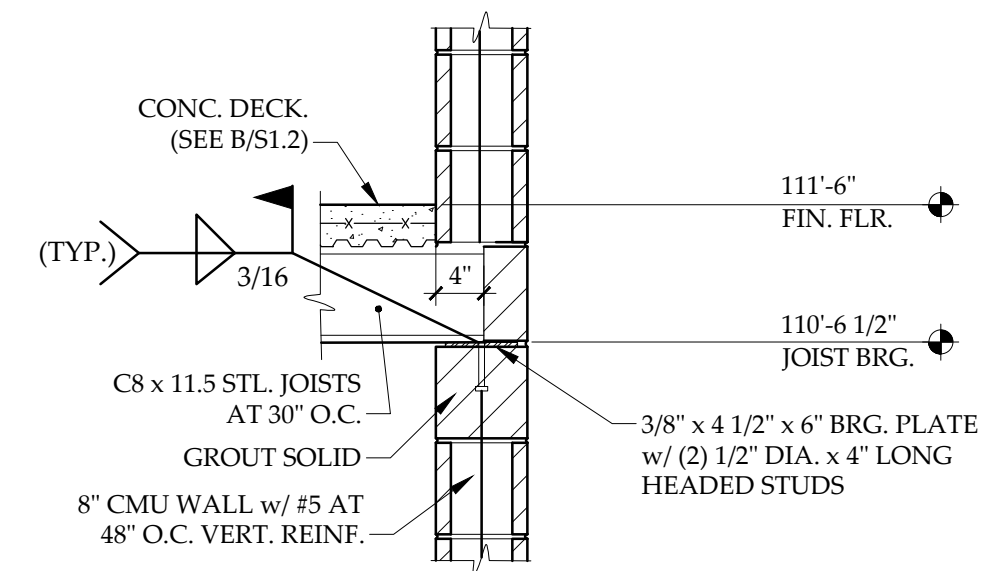
**D BEAM TO COLUMN**  
SCALE: 3/4"=1'-0"



**E BEAM AT EXTERIOR WALL**  
SCALE: 3/4"=1'-0"



**F JOISTS AT CMU WALL**  
SCALE: 3/4"=1'-0"



**G JOISTS AT STAIR WALL**  
SCALE: 3/4"=1'-0"

FRAMING DETAILS

BUCKEYE HILLS CAREER CENTER

NEW TRADES BUILDING

351 BUCKEYE HILLS ROAD  
RIO GRANDE, OHIO 45674

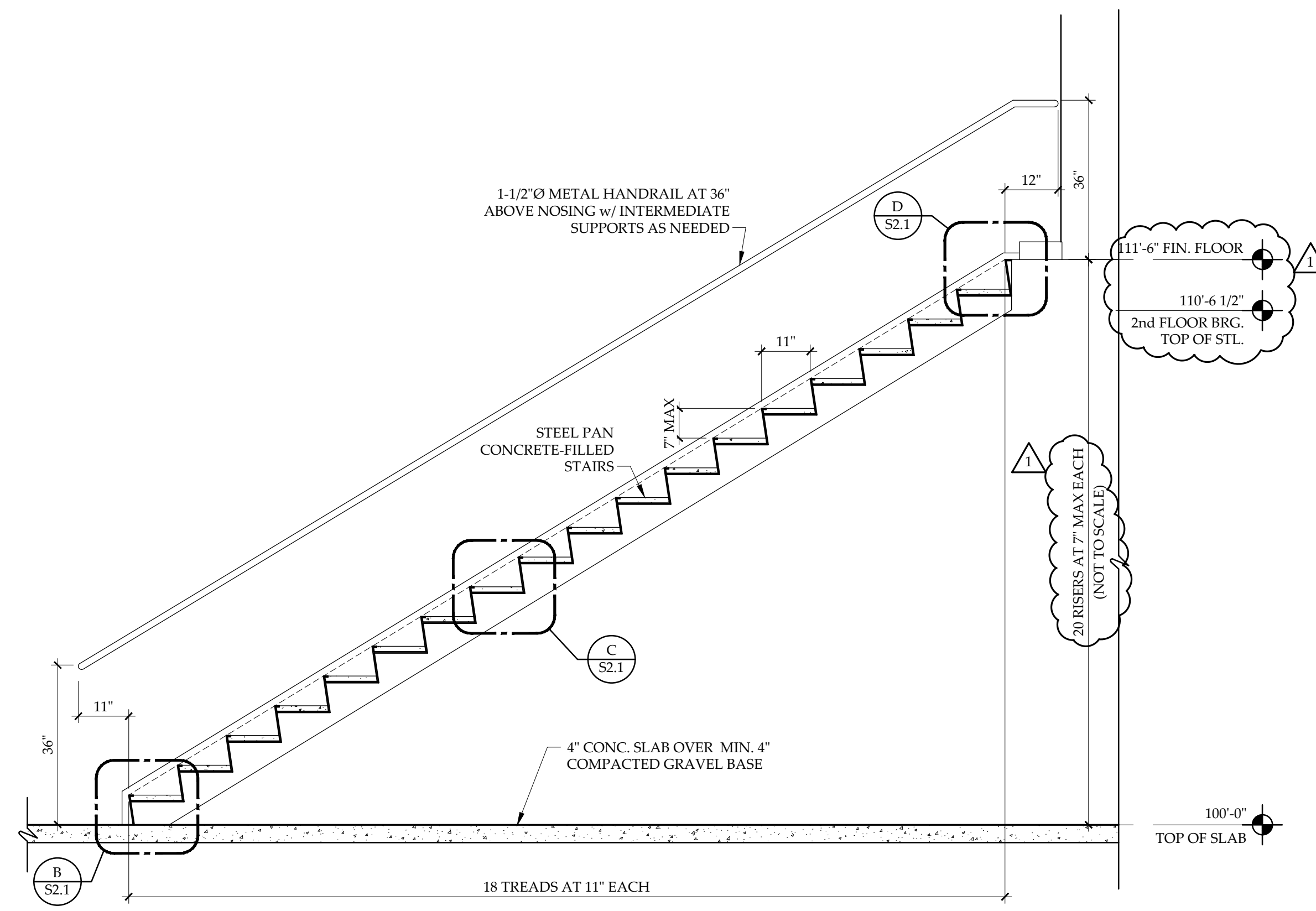
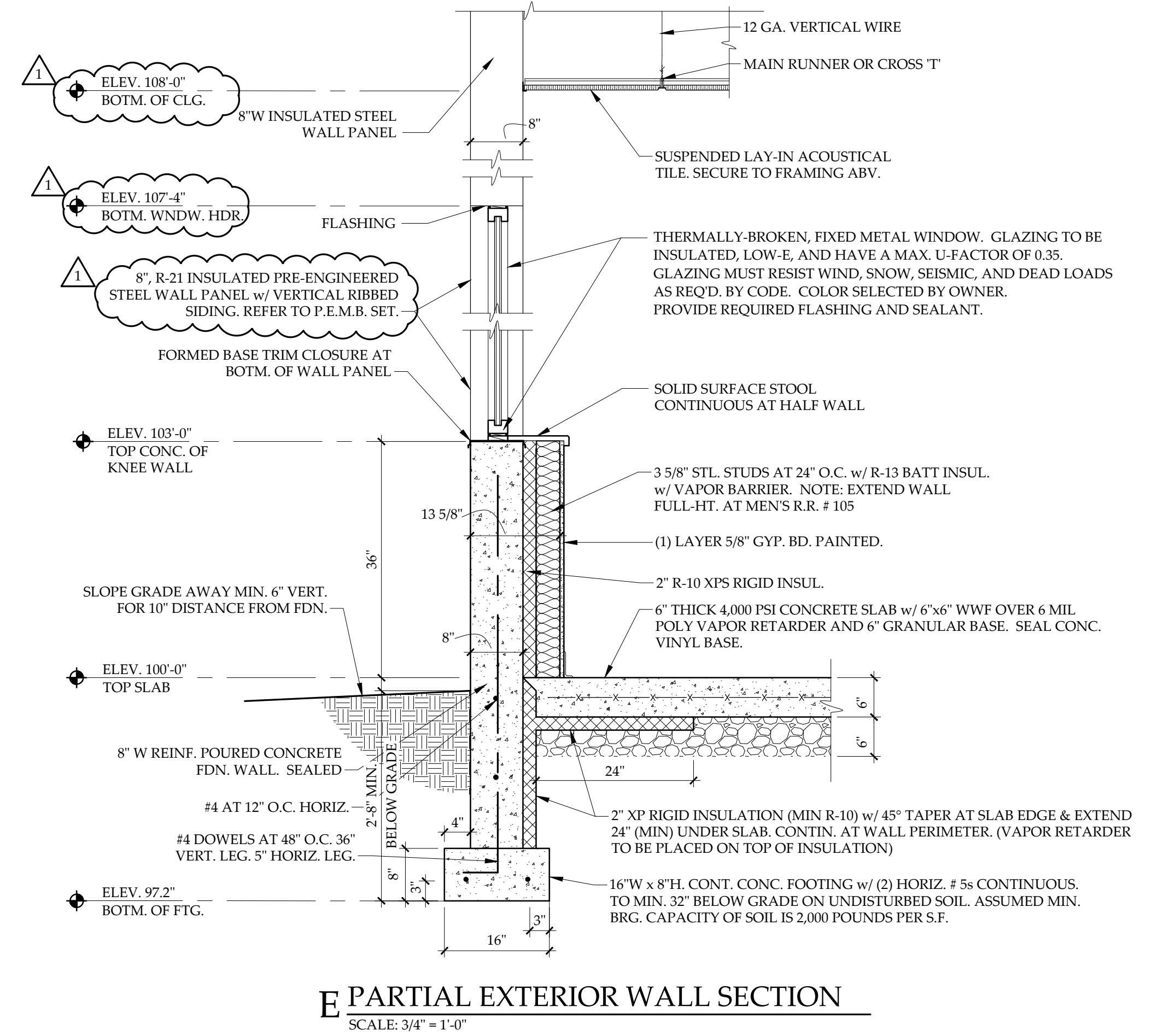
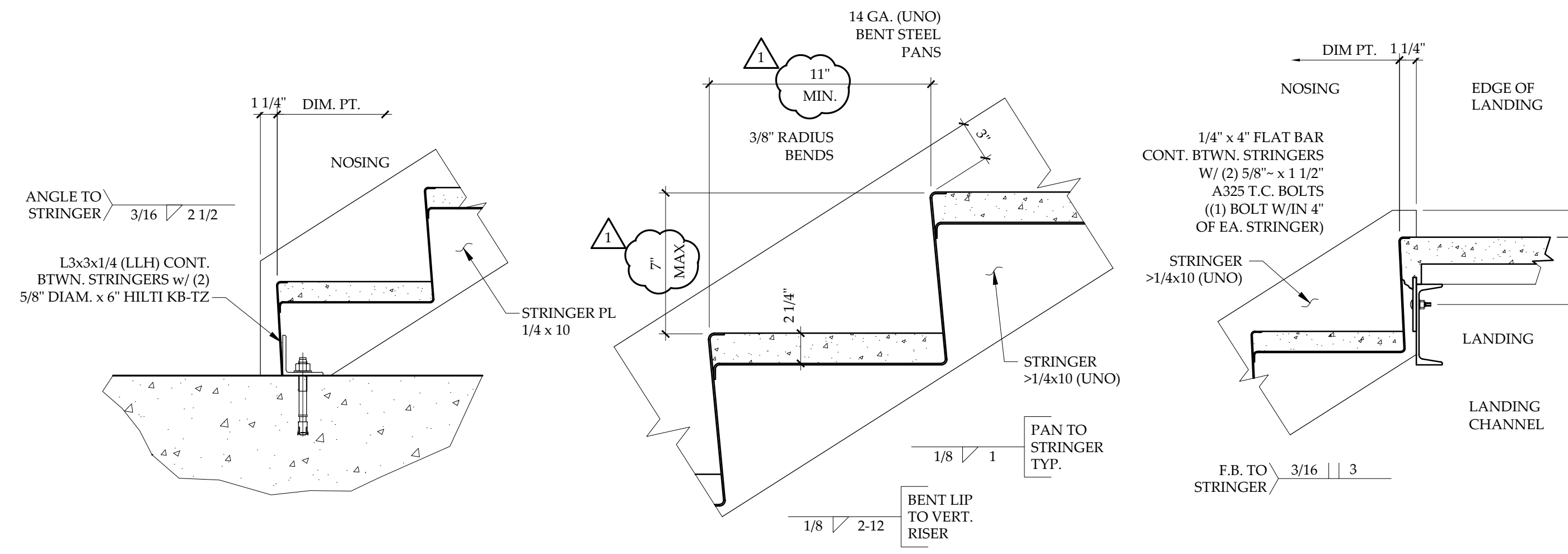


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NOT FOR CONSTRUCTION

S1.2





NOTE:  
SUBMIT STRUCTURAL SHOP DRAWINGS OF  
METAL STAIR DESIGN TO ARCHITECT FOR REVIEW  
AND APPROVAL.

SECTIONS

BUCKEYE HILLS CAREER CENTER

NEW TRADES BUILDING

351 BUCKEYE HILLS ROAD  
RIO GRANDE, OHIO 45674



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