

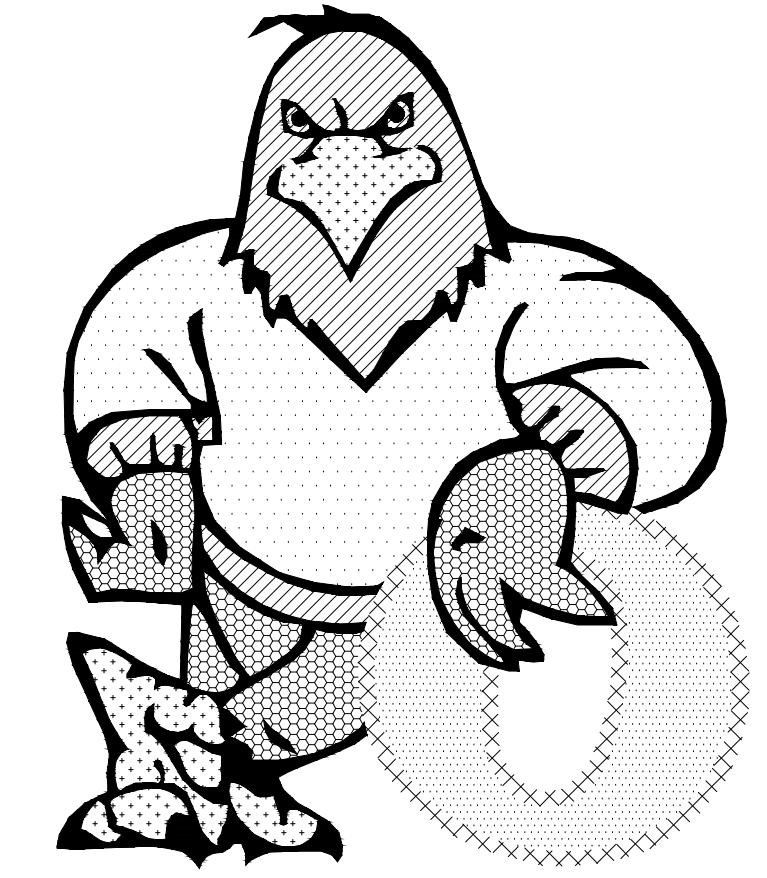
INTERIM HOUSING (3 YEAR MAXIMUM USE)

FOR STANLEY G. OSWALT ACADEMY

19501 SHADOW OAK DRIVE, WALNUT, CA 91789

ROWLAND UNIFIED SCHOOL DISTRICT

1830 NOGALES STREET, ROWLAND HEIGHTS, CA 91748



DESIGN TEAM

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△	ISSUE FOR BID	
△		
△		
△		
NO.	DATE	REVISION
DATE:	9/13/2019	
JOB NO.:	150703	
DRAWN BY:	JH, RG	
CHECKED BY:	JFP	

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ABBREVIATIONS

SYMBOLS

SCOPE OF WORK

APPLICABLE CODES

AT	ANCHOR BOLT	DIA.	DIAMETER	GALV	GALVANIZED	(N)	NEW	STRUCT	STRUCTURAL
ABV	ABOVE	DN	DOWN	GC	GENERAL CONTRACTOR	N/G.	NOT IN CONTRACT (NOT PART OF THIS APPLICATION)	S15D	SELF TAPPING SELF DRILLING SUSP
ACC	ACCESSIBILITY/ACCESSIBLE	DP	DISABLE PERSONS	GL	GLASS	NIS	NOT TO SCALE	T	TREAD
A/C	AIR CONDITIONING	DS	DOWNSPOUT	GLB	GLUE-LAMINATED BEAM	O/	OVER	T4B	TOP 4 BOTTOM
ADC	AMERICANS WITH DISABILITIES ACT	DWG	DRAWING	GR	GUARDRAIL	O/G.	ON CENTER	T4G	TONGUE & GROOVE
AFF	ABOVE FINISHED FLOOR	(E)	EXISTING	GYP	GYPSPUM	OFOI	OWNER FURNISH & INSTALL	TEMP	TEMPERED
ANOD	ANODIZED	EA	EACH	H/A	HEATED ANCHOR	OFC	OFFICE	TRK	THICKNESS
ARCH	ARCHITECTURAL	EXP	EXPANSION JOINT	HAS	HEADED ANCHOR STUD	OPNS	OPENING	TOA	TOP OF AC PAVING
B	BOLT	ELEV	ELEVATION	HA	HOSE BIB	OPPS	OPPOSITE	TOC	TOP OF CONCRETE
BD	BOARD	EMT	ELECTRICAL METAL TUBING	HC	HOLLOW CORE	PD	PHYSICALLY DISABLED	TOP	TOP OF METAL DECK
BLDG	BUILDING	EN	END NAILING	HM	HOLLOW METAL	PL	PLANTER	TOP	TOP OF FRAME
BLK	BLOCK	EQ	EQUAL	HR	HEADER	PLMB	PLUMBING	TOP	TOP OF MASONRY
BLKG	BLOCKING	E.S.E.H.	EVENLY SPACED EACH WAY	HD	HOLE DRAIN	PLYWD	PLYWOOD	TOP	TOP OF PARAPET
BM	BEAM	EAL	EACH WAY	HORIZ	HORIZONTAL	PNL	PANEL	TOR	TOP OF ROOF
BOTT	BOTTOM	EXT	EXTERIOR	HR	HOUR	P.T.	PRESSURE TREATED	TOP	TOP OF SHEATHING
BOW	BOTTOM OF WALL			PTDF	P. T. DOUGLAS FIR	QT	QUADRANT	TON	TOP OF WALL
BRG	BEARING	FD	FLOOR DRAIN	INFO	INFORMATION	R(AD)	RADIUS	TRF	TYPICAL
CAB	CABINET	FAF	FACTORY FINISH	INSUL	INSULATION	INT	INTERIOR	UNO.	UNLESS NOTED OTHERWISE
CB	CATCH BASIN	FDN	FOUNDATION	INT	INTERIOR	JT	JOIST	VAT	VINYL ASBESTOS TILE
CBG	CALIFORNIA BUILDING CODE	FE	FIRE EXTINGUISHER	JF	JOINT	REF	REFERENCE	VGT	VINYL COMPOSITION TILE
CC	CALIFORNIA CODE	FFE	FINISHED FLOOR ELEVATION	KIT	KITCHEN	REIN	REINFORCING	VERT	VERTICAL
CJ	CONTROL JOINT	FHL	FINISHED FLOOR LINE	LAM	LAMINATE	REQ	REQUIRED	VGDG	VERTICAL GRAIN DOUGLAS FIR
CJL	CLOSED	FG	FIXED GLASS	LBL	LABEL	R.L.	ROOF LADDER	W/O	WITHOUT
CLR	CLEAR	FR	FIRE ROSE	LBS	LOUISIANA	RND	ROUND	W	WITH
C.M.U.	CONCRETE MASONRY UNIT	FLR	FLOOR	LVS	LOUVER	RO	ROUGH OPENING	WC	WATER CLOSET
CO	CASED OPENING	FLS	FIRE LIFE SAFETY (DSA)	M	MODERNIZED	S.B.	SOLID BLOCKING	WO	WOOD
COL	COLUMN	FLOR	FLORESCENT	(M)	MASONRY	SC	SOLID CORE	WID	WINDOW
CONC	CONCRETE	FOF	FACE OF FINISH	MAS	MATERIAL	SCH	SCHEDULE	WP	WATERPROOF
CONG	CONCRETE BLOCK	FS	FINISH SURFACE	MAT	MATERIAL	SH	SHEET	WSP	WOOD SHIP
CONSTR	CONSTRUCTION	FOM	FACE OF MASONRY	MCH	MECHANICAL	SHT	SHEET	MSCT	MAINS/COT
CONT	CONTINUOUS	FRM	FRAMING	MFG	MANUFACTURER	SIM	SIMILAR	MT	WIDTH
C	CERAMIC TILE	FPM	FIRE PROOF MASONRY	MIN	MINIMUM	SJ	SCORE JOINT		
DA	DESIGNATED ACCESSIBLE	FT	FEET / FOOT	MISC	MISCELLANEOUS	SQ	SQUARE		
DBL	DOUBLE	FTG	FIELD VERIFY	MISC	MISCELLANEOUS	SS	STAINLESS STEEL		
D.F.	DRINKING FOUNTAIN	N/O	NOT TO SCALE	MTL	METAL	STF	STIFFENER		
D.F.	DRINKING FOUNTAIN	N/O	NOT TO SCALE	MTL	METAL	STL	STEEL		

RESTROOM ROOM NAME ROOM NUMBER

WINDOW DESIGNATION

DOOR NUMBER

KEYNOTE

REVISION NO.

DETAIL NO. SHT. NO.

SECTION CUT OR ELEVATION NUMBER SHT. NO.

MULTI-ELEV. BUBBLE

DEMOLITION KEYNOTE

FLOOR ELEVATION

MATERIALS LEGEND

MASONRY	ROUGH LUMBER CONTINUOUS MEMBER	ACOUSTICAL TILE
STEEL	ROUGH LUMBER/BLOCKING	ALUMINUM
BATT INSULATION	CONCRETE	CARPET
RIGID INSULATION	PLYWOOD	GRAVEL/STONE FILL
PLASTER	FLYWOOD	
GYP. BOARD	CERAMIC/ QUARRY TILE	SAND/GRANULAR FILL
STONE	PARTICLE BOARD	FINISHED WOOD

THE SCOPE OF WORK CONSISTS OF THE FOLLOWING: INCLUDING BUT NOT LIMITED TO THE ATTACHED CONTRACT DOCUMENTS COMPLETE:

- SITE CLEARING FOR INSTALLATION OF (6) 24'X60' STOCKPILE INTERIM PORTABLE CLASSROOM BUILDINGS
- BUILD PAD FOR 6 NEW PORTABLE BUILDINGS AND FIRE LANE PER CIVIL DRAWINGS.
- PROVIDE ASPHALT PAVING FOR BUILDINGS SIDEWALK AND FOR FIRE TRUCK ACCESS.
- PROVIDE CHAIN-LINK FENCING / GATES, AS NOTED. MODIFY EXISTING PARKING LOT FENCE.
- PROVIDE PARKING STRIPING AS NOTED.
- PROVIDE POWER AND LOW VOLTAGE DATA/COMMUNICATION LINES PER ELECTRICAL DRAWINGS.
- FOR ADDITIONAL SCOPE OF WORK INFORMATION REFER TO SHEET T-2

LIST OF 2016 CALIFORNIA CODE OF REGULATIONS APPLICABLE CODES AS OF JANUARY 1 2017

PART 1	2016 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, TITLE 24 C.C.R.
PART 2	2016 CALIFORNIA BUILDING CODE (CBC), TITLE 24 C.C.R.
PART 3	2015 INTERNATIONAL BUILDING CODE OF THE INTERNATIONAL CODE COUNCIL, WITH CALIFORNIA AMENDMENTS (2015 CALIFORNIA ELECTRICAL CODE (CEC), TITLE 24 C.C.R. (2015 UNIFORM MECHANICAL CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS (IAPMO)
PART 4	2016 CALIFORNIA MECHANICAL CODE, TITLE 24 C.C.R. (2015 UNIFORM MECHANICAL CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS (IAPMO)
PART 5	2016 CALIFORNIA PLUMBING CODE, TITLE 24 C.C.R. (2015 UNIFORM PLUMBING CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS (IAPMO)
PART 6	2016 CALIFORNIA ENERGY CODE, TITLE 24 C.C.R.
PART 7	CURRENTLY VACANT
PART 8	2016 CALIFORNIA HISTORICAL BUILDING CODE, TITLE 24 C.C.R.
PART 9	2016 CALIFORNIA FIRE CODE, TITLE 24 C.C.R. (2015 INTERNATIONAL FIRE CODE OF THE INTERNATIONAL CODE COUNCIL)
PART 10	2016 CALIFORNIA EXISTING BUILDING CODE, TITLE 24 C.C.R. (2015 EXISTING BUILDING CODE OF THE INTERNATIONAL CODE COUNCIL WITH AMENDMENTS)
PART 11	2016 CALIFORNIA GREEN BUILDING STANDARDS CODE, (Cal Green Code), TITLE 24 C.C.R.
PART 12	2016 CALIFORNIA REFERENCED STANDARDS CODE, TITLE 24 C.C.R.
	2016 CALIFORNIA BUILDING CODE (FOR SPM), REFERENCED STANDARDS CH. 35

PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 17	DRY CHEMICAL EXTINGUISHING SYSTEMS	2017 EDITION
NFPA 24	NATIONAL FIRE SERVICE MAINS (CALIFORNIA AMENDED)	2016 EDITION
NFPA 72	NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED)	2016 EDITION
	(NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")	
NFPA 80	FIRE DOOR AND OTHER OPENING PROTECTIVES	2016 EDITION

FEDERAL CODES AND STANDARDS:

AMERICANS WITH DISABILITIES ACT (ADA), TITLE I OR TITLE III
TITLE II: UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS) OR ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR, PART 36).
TITLE III: ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR, PART 36)

INDEX OF DRAWINGS

NO.	SHT. NO.	SHEET TITLE	NO.	SHT. NO.	SHEET TITLE	NO.	SHT. NO.	SHEET TITLE
		TITLE SHEET 3 SHEETS			MODULAR BUILDING MANUFACTURER DRWG'S 30 SHEETS			
1	TJ	TITLE, VICINITY MAP, ABBREVIATIONS, CODES & INDEX OF DWGS.	A	TS-1	TITLE 4 BUILDING DATA NOTES			
2	T2	GENERAL NOTES & SCOPE OF WORK	1	N-1	GENERAL NOTES			
3	T3	INTERIM HOUSING FIRE ACCESS SITE PLAN	2	N-1	FLOOR PLAN & NOTES			
4	AS02	INTERIM HOUSING SITE PLAN (FOR REF. ONLY)	3	1	EXTERIOR ELEVATIONS			
		CIVIL 3 SHEETS	4	2	CEILING GRID, DETAILS & NOTES			
1	CO0	TITLE SHEET	5	3	FOUNDATION PLAN WOOD, DETAILS & NOTES			
2	C10	GRADING PLAN	6	5	ROOF FRAMING PLAN & DETAILS			
3	C11	ENLARGED GRADING PLAN	7	S3	ELECTRICAL PLAN, DETAILS & NOTES			
		ARCHITECTURAL 5 SHEETS	8	E1	RAMP ALTERATION PC MATRIX			
1	ASU1	DEMOLITION SITE PLAN	9	1	RAMP PLAN, ELEVATION AND DETAILS			
2	ASU2	INTERIM HOUSING SITE PLAN	10	2				
3	ASU3	ENLARGED SITE PLAN	B	BUILDING 3 44 - AR02-101205				
4	ASU2.0	SITE DETAILS	1	TS-1	TITLE 4 BUILDING DATA NOTES			
5	ASU2.1	(E) SITE ACCESS DETAILS	2	N-1	GENERAL NOTES			
6	A11	EXISTING RESTROOM FLOOR PLAN AND INTERIOR ELEVATIONS	3	1	FLOOR PLAN & NOTES			
		ELECTRICAL 10 SHEETS	4	2	EXTERIOR ELEVATIONS			
1	E11	ELECTRICAL SYMBOLS, LIST, NOTES & ABBREVIATIONS	5	3	CEILING GRID, DETAILS & NOTES			
2	E12	POWER, SIGNAL & COMMUNICATION DETAILS	6	5	FOUNDATION PLAN WOOD, DETAILS & NOTES 50'			
3	E13	FIRE ALARM SYSTEM	7	S3	ROOF FRAMING PLAN & DETAILS			
4	E14	PARTIAL SINGLE LINE DIAGRAM	8	E1	ELECTRICAL PLAN, DETAILS & NOTES			
5	E21	POWER, SIGNAL AND COMMUNICATION SITE PLAN	9	1	RAMP ALTERATION PC MATRIX			
6	E31	TYPICAL RELOCATABLE CLASSROOM BLDGS. PLAN POWER, SIGNAL & COMMUNICATION	10	2	RAMP PLAN, ELEVATION AND DETAILS			
7	E32	RELOCATABLE CLASSROOM BUILDING PLAN-SIGNAL & COMMUNICATION	C	BUILDING 5 46 - AR02-102170				
8	E33	SIGNAL RISER DIAGRAM	1	TS-1	TITLE 4 BUILDING DATA NOTES			
9	E41	FIRE ALARM SYSTEM	2	N-1	GENERAL NOTES & SPECIFICATIONS			
10	E42	FIRE ALARM WIRING DIAGRAM AND BATTERY CALCULATION	3	1	FLOOR PLAN & NOTES			
			4	2	EXTERIOR ELEVATIONS			
			5	3	CEILING GRID, DETAILS & NOTES			
			6	5	WOOD FOUNDATION PLAN & DETAILS			
			7	S3A	ROOF FRAMING PLAN & DETAILS			
			8	S3B	ROOF SECTIONS & DETAILS			
			9	S5R	RAMP PLAN, ELEVATIONS & DETAILS			
			10	E1	ELECTRICAL PLAN, DETAILS & NOTES			

Statement of General Conformance

FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS. INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS

(Application No. 03-119935 File No. 19-92)

The drawings or sheets listed on the cover or index sheet
 This drawing, page of specifications/calculations

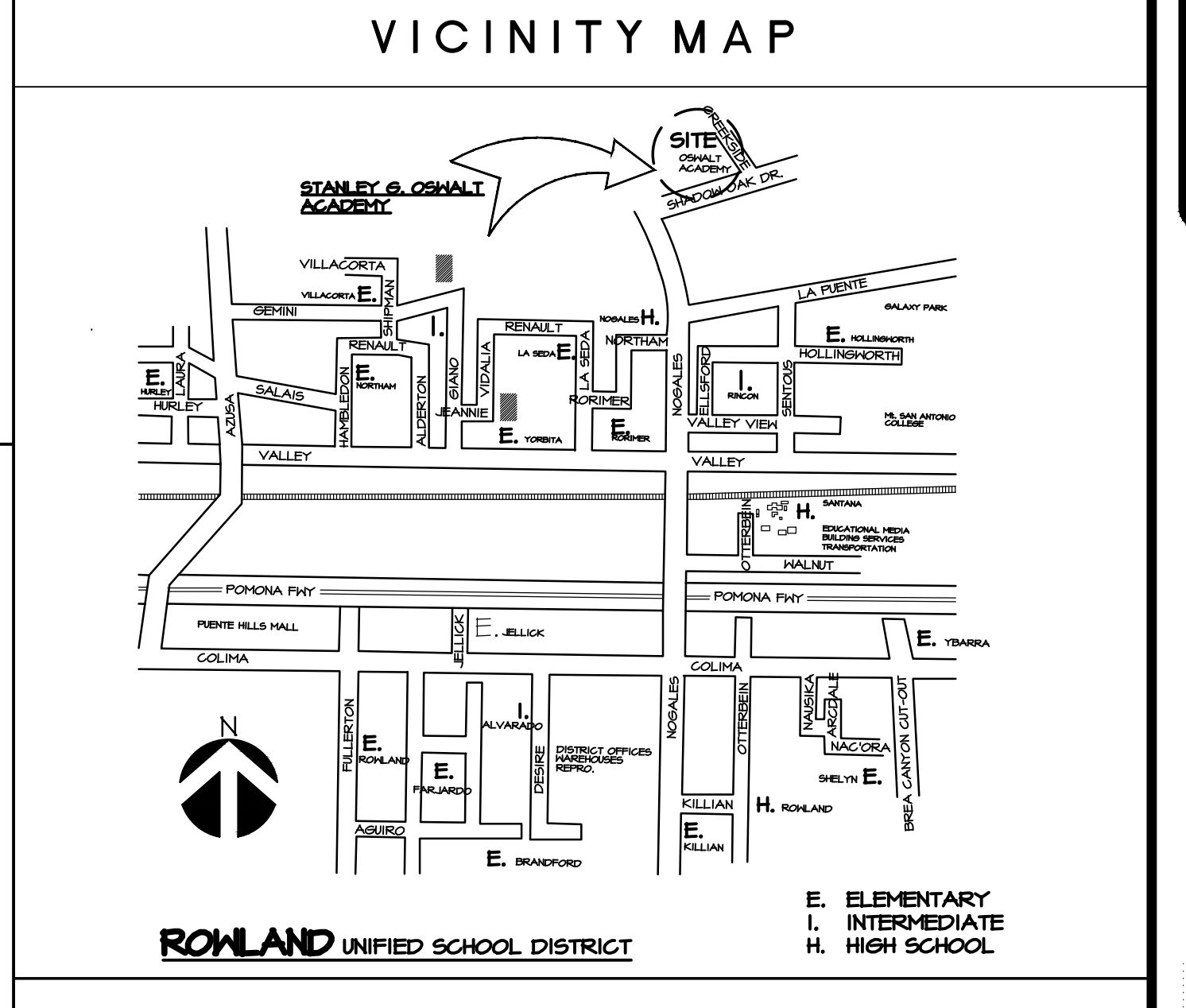
have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. It has been examined by me for:

- design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and
- coordination with my plans and specifications and is acceptable for incorporation into the construction of this project.

The Statement of General Conformance "shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344" of Title 24, Part 1. (Title 24, Part 1, Section 4-317 (b))

I find that:	<input checked="" type="checkbox"/> All drawings or sheets listed on the cover or index sheet <input type="checkbox"/> This drawing or page	BLDG 1 42 - AR02-100721 BLDG 3 44 - AR02-101205 BLDG 5 46 - AR02-102170
<input checked="" type="checkbox"/> is/are in general conformance with the project design intent and specifications.	<input type="checkbox"/> is/are in general conformance with the project design intent and specifications.	
Signature	Date	Signature
Architect or Engineer designated to be in general responsible charge	06-12-2019	Architect or Engineer delegated responsibility for this portion of the work
Print Name	Date	Print Name
C-33216	NOV. 30, 2019	License Number
License Number	Expiration Date	Expiration Date

VICINITY MAP



DISTRICT CONTACT

Mr. Alejandro Flores
Assistant Superintendent, Administrative Services
ROWLAND UNIFIED SCHOOL DISTRICT
1830 Nogales Street
Rowland Heights, CA 91748, Tele: (626)854-8309

DSA / CDE / FIRM INFORMATION

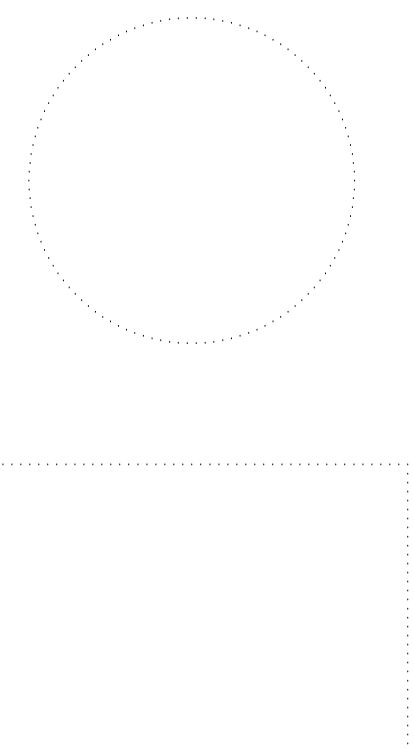
PROJECT TRACKING # 73452 - 152
FLOOD INSURANCE RATE MAP

F.I.R.M. DATA:
FLOOD ZONE: D
PANEL NUMBER: C1695F
MAP NUMBER: 06037C1695F
MAP EFFECTIVE: 09-26-2008

TITLE SHEET, VICINITY MAP, ABBREVIATIONS, CODES, SCOPE OF WORK, DESIGN TEAM, & INDEX OF DWGS.

ROWLAND UNIFIED SCHOOL DISTRICT
1830 NOGALES STREET
ROWLAND HEIGHTS, CA, 91748

STANLEY G. OSWALT ACADEMY
19501 SHADOW OAK DRIVE
WALNUT, CA 91789



IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
FILE # 19 - 92
APP. # 03 - 119935

AC _____ FLS _____ SS _____
DATE _____

SHEET NO.
T.1

BY ZEMBA + PRIETO ARCHITECTS ALL COMMON-LAW COPYRIGHT AND OTHER PROPERTY RIGHTS RESERVED. THIS DOCUMENT IS AN ORIGINAL AND UNPUBLISHED WORK PRODUCT OF ZEMBA + PRIETO ARCHITECTS. THIS WORK SHALL NOT BE DUPLICATED, COPIED, REPRODUCED, OR ASSIGNED, OR ASSIGNED TO ANOTHER PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN CONSENT OF ZEMBA + PRIETO ARCHITECTS. VISUAL CONTRACT WITH THIS DOCUMENT SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB UPON DISCOVERY OF ANY VARIATION, DISCREPANCY, OR OMISSION, NOTIFY ZEMBA + PRIETO ARCHITECTS AND PRIOR TO PROCEEDING WITH RELATED WORK OBTAIN WRITTEN RESOLUTION FROM ZEMBA + PRIETO ARCHITECTS.

GENERAL NOTES - CONTINUED

46. THE CONTRACTOR SHALL COOPERATE WITH THE DISTRICT TO THE FULLEST EXTENT IN PROVIDING TRAFFIC CONTROL DURING COURSE OF CONSTRUCTION SO AS TO PROVIDE A MAXIMUM PROTECTION FOR STUDENTS AND DISTRICT PERSONNEL. ALL EMPLOYEES ON THE PROJECT WORK SHALL PARK THEIR PRIVATE VEHICLES IN THE AREA DESIGNATED BY THE DISTRICT.

47. THE CONTRACTOR SHALL EXERCISE MAXIMUM DUST AND NOISE CONTROL EFFORTS TO KEEP AT A MINIMUM THE NUISANCE OF DUST AND CONSTRUCTION NOISE FROM THE CONSTRUCTION.

48. THE DISTRICT SHALL BE NOTIFIED, IN ADVANCE, OF TIMES OF EQUIPMENT OR MATERIALS DELIVERY IN ORDER TO AVOID INTERFERENCE WITH THE NORMAL ACTIVITY ON THE SCHOOL PREMISES.

49. WORKERS ARE ONLY ALLOWED IN AREAS THAT ARE ONLY APPROPRIATE TO THE REQUIRED WORK AND SHALL MAKE EVERY EFFORT NOT TO DISTURB STUDENTS OR FACULTY.

50. ALL WORKERS SHALL WEAR APPROPRIATE SAFETY GEAR AND COMPLY WITH APPLICABLE SAFETY REGULATIONS.

51. DRESS AND BEHAVIOR OF ALL CONSTRUCTION WORKERS SHALL BE APPROPRIATE TO A SCHOOL SITE AND BE ACCEPTABLE TO DISTRICT REPRESENTATIVES.

52. SMOKING SHALL NOT BE ALLOWED ON CAMPUS DURING THE ENTIRE CONSTRUCTION PROCESS.

53. THERE SHALL BE NO POSSESSION OR CONSUMPTION OF DRUGS OR ALCOHOLIC BEVERAGES ON THE JOB SITE BY ANY PERSON, ANY PERSON THAT DOES NOT COMPLY WITH THESE REQUIREMENTS SHALL BE DIRECTED TO LEAVE THE JOB SITE AND WILL NOT BE PERMITTED TO RETURN DURING THE REMAINDER OF THE CONTRACT.

54. THE CONTRACTOR SHALL PROVIDE WHATEVER MEANS NECESSARY TO ASSURE PROTECTION OF STUDENTS AND FACULTY DURING THE COURSE OF CONSTRUCTION OPERATIONS.

55. THE CONTRACTOR SHALL NOTIFY DISTRICT PERSONNEL FOR ACCESS TO THE JOB SITE AND LOCATIONS FOR STORAGE OF MATERIALS. ANY FENCING REMOVED FOR ACCESS TO THE SITE SHALL BE REINSTALLED AND/OR REPAIRED TO ORIGINAL EXISTING CONDITIONS.

56. ALL DIMENSIONS SHOWN ARE FOR ESTIMATING PURPOSES ONLY. CONTRACTORS WILL BE REQUIRED, PRIOR TO BID, TO VERIFY ALL DIMENSIONS AND AREAS TO RECEIVE DEMOLITION OF EXISTING MATERIALS AND INSTALLATION OF CURBS, PIPING, CONDUIT, ETC. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID.

57. CONTRACTOR WILL BE REQUIRED TO PROVIDE AND INSTALL ALL EQUIPMENT AND RELATED ITEMS AS SHOWN IN THESE DOCUMENTS AND AS SPECIFIED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING CONDITIONS IN FIELD PRIOR TO BID AND DETERMINE THE WORK NECESSARY TO COMPLETE THE PROJECT.

58. THE EXISTENCE OR LOCATION OF ANY UNDERGROUND UTILITIES, PIPES, AND/OR STRUCTURE SHOWN ON THESE PLANS HERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS, TO THE BEST OF OUR KNOWLEDGE, EXISTING UTILITIES ARE AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL ASCERTAIN THE TRUE VERTICAL AND HORIZONTAL LOCATION AND SIZE OF ALL UNDERGROUND UTILITIES AND SHALL BE RESPONSIBLE FOR DAMAGE TO ANY PUBLIC OR PRIVATE UTILITIES, SHOWN OR NOT SHOWN HEREON. ALL ALTERATION TO EXISTING UTILITIES ARE PART OF THIS PROJECT AT NO ADDITIONAL COST TO THE DISTRICT.

59. CONTRACTOR SHALL HIRE A UTILITY TRACER COMPANY TO IDENTIFY AND LOCATE ALL EXISTING UNDERGROUND UTILITIES WITHIN THE PROPOSED SCOPE OF WORK. CONTRACTOR SHALL COORDINATE WITH ALL CONSULTANT DRAININGS FOR ADDITIONAL INFORMATION PRIOR TO PROCEEDING. AN AS-BUILT DRAWING SHALL BE PREPARED INDICATING THE ACCURATE LOCATIONS OF THESE UTILITIES, INCLUDING INVERT ELEVATIONS, ETC. THIS PLAN SHALL BE USED BY THE CONTRACTOR TO COMPLETE THE WORK AT NO ADDITIONAL COST TO THE DISTRICT. A COPY OF THIS PLAN SHALL BE DELIVERED TO THE DISTRICT FOR THEIR USE.

60. CONTRACTOR TO COORDINATE BETWEEN THE REQUIREMENTS OF ALL THE DISCIPLINES (ARCHITECTURAL, STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL, ETC.) AND BETWEEN DRAWING AND SPECIFICATION REQUIREMENTS IN ORDER THAT ALL ITEMS RELATING TO ONE ANOTHER SHOWN IN SEVERAL PLACES COORDINATE. NOTIFY ARCHITECT IMMEDIATELY REGARDING ANY ITEMS NOT COORDINATED.

61. RESTORE ALL TURF / LANDSCAPE AREAS DISTURBED DURING CONSTRUCTION BY PLANTING WITH LOCAL ADAPTIVE AND OR NON - INVASIVE VEGETATION.

GENERAL NOTES

1. THIS PROJECT IS DIVIDED INTO TWO PARTS: (A) WORK PERFORMED BY THE SITE CONTRACTOR, (B) WORK PERFORMED BY THE RELOCATABLE BUILDING CONTRACTOR. SEE THE APPLICABLE SCOPE OF WORK FOR CONSTRUCTION TO BE ACCOMPLISHED. THE GENERAL, CIVIL, ARCHITECTURAL, AND ELECTRICAL NOTES AND DRAWINGS ARE PART OF EACH SCOPE OF WORK.

2. CONTRACTORS SHALL VISIT BUILDING SITE TO REVIEW THE SCOPE OF WORK AND TO DETERMINE THE PROBLEMS THEY MAY HAVE DURING THE EXECUTION OF THIS WORK. THE BID SHALL INCLUDE THE COST OF THE RESOLUTION OF ALL PROBLEMS INVOLVED, INCLUDING COORDINATION OF PORTIONS OF WORK WITH THE DISTRICT WHICH DIRECTLY RELATE AND MUST PROPERLY INTERFACE.

3. UPON AWARD OF CONTRACT, SITE CONTRACTOR SHALL SECURE THE PROJECT AREA SO THAT NO UNAUTHORIZED PERSONNEL OR CHILDREN WILL BE NEAR THE BUILDING OR ADJACENT CONSTRUCTION AREA.

4. CONTRACTORS TO FOLLOW PROVISIONS OF PARTS 142 CALIFORNIA CODE OF REGULATIONS. (C.C.R.)

5. CONTRACTORS TO COMPLY WITH ALL APPLICABLE SAFETY LAWS, OSHA, CAL OSHA, ETC.

6. THE DISTRICT CONTACT IS MARCOS RODRIGUEZ, CONSTRUCTION COORDINATOR, ROWLAND UNIFIED SCHOOL DISTRICT, 1018 Otterbein Avenue, Rowland Heights, CA 91066 TEL: (626) 412-0865.

7. ALL CONTRACTORS SHALL PROVIDE DISTRICT WITH A WRITTEN SEQUENCE OF WORK WHICH IS TO BE APPROVED PRIOR TO THE START OF CONSTRUCTION.

8. ALL CITY, COUNTY, STATE, ETC. FEES REQUIRED TO MOVE THE BUILDING(S) OVER THE ROADWAYS SHALL BE PAID FOR BY THE RELOCATABLE BUILDING CONTRACTOR.

9. RELOCATABLE BUILDING CONTRACTOR SHALL REPAIR ALL EXISTING WORK DAMAGED IN DELIVERY OF BUILDINGS TO THE SATISFACTION OF THE DISTRICT.

10. CONTRACTOR MAY USE THE DISTRICT'S ON-SITE POWER AND WATER SUPPLIES, FOR THE DURATION OF THE CONSTRUCTION PROJECT AND AT NO COST TO THE DISTRICT. HOWEVER, ALL CONNECTIONS TO THE DISTRICT'S POWER AND WATER SUPPLIES SHALL BE DONE IN ACCORDANCE TO APPLICABLE CODES AND TO ALL APPLICABLE SAFETY REGULATIONS.

11. IT IS THE RELOCATABLE BUILDING CONTRACTOR'S RESPONSIBILITY TO PROTECT THE BUILDING FROM WEATHER DAMAGE DURING HIS OPERATIONS. ANY DAMAGE SHALL BE REPAIRED TO THE SATISFACTION OF THE DISTRICT AND PAID FOR BY THIS CONTRACTOR.

12. CONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR SECURING THEIR EQUIPMENT, SUPPLIES, TOOLS, ETC.

13. DETAILS MARKED "TYP." ON DRAWINGS ARE INTENDED TO SHOW TYPICAL CONDITIONS FOR THE ENTIRE PROJECT AND ARE TO APPLY WHERE SIMILAR CONDITIONS OCCUR.

14. ALL EXISTING DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTORS IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO CONSTRUCTION.

15. SHOULD ANY CONDITION DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, C.C.R. A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK WILL BE SUBMITTED TO AND APPROVED BY THE DISTRICT BEFORE PROCEEDING WITH THE WORK. REFER TO NOTE #25.

16. AT CONCLUSION OF THEIR OPERATIONS, THE CONTRACTORS SHALL LEAVE THE SITE CLEAN TO THE SATISFACTION OF THE DISTRICT.

17. THE RELOCATABLE BUILDINGS SHALL BE SUPPORTED ON A TEMPORARY FOUNDATION. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN PROPER DRAINAGE AROUND THE BUILDING, PROVIDE PROTECTION FROM INCIDENTS, ETC.

18. CONTRACTORS TO PROVIDE SCHOOL DISTRICT WITH WRITTEN CERTIFICATION THAT ALL MATERIALS USED ON THIS PROJECT ARE ASBESTOS FREE.

19. ALL DEBRIS, ASPHALT PAVING, CONCRETE AND SOIL REMOVED DUE TO NEW WORK BEING ACCOMPLISHED SHALL BE BROUGHT TO A LEGAL DUMP AT THE CONTRACTORS EXPENSE FOR THEIR SCOPE OF WORK.

20. AN INSPECTOR EMPLOYED BY THE SCHOOL DISTRICT WILL BE ASSIGNED TO THE WORK. THE WORK OF CONSTRUCTION IN ALL STAGES OF PROGRESS SHALL BE SUBJECT TO THE PERSONAL CONTINUOUS OBSERVATION OF THE INSPECTOR.

21. DISTRICT SHALL NOT OCCUPY THE RELOCATABLE BUILDINGS UNTIL THEY CONFORM TO THE APPROVED DRAWINGS.

22. ALL ITEMS ARE NEW UNLESS NOTED AS EXISTING.

23. ANY CHANGES TO THESE DRAWINGS AND SPECIFICATIONS SHALL BE BY ADDENDUM OR CHANGE ORDER AND APPROVED BY THE DISTRICT AND DSA.

24. CONTRACTORS SHALL PROVIDE A WRITTEN SCHEDULE TO THE DISTRICT, INDICATING TIME LINES FOR ALL WORK INCLUDING THE RELOCATABLE BUILDING CONTRACTORS AND DISTRICTS PORTIONS OF THE WORK. THE CONTRACTORS CAN EXPECT DELAYS AT WORK AREAS DUE TO THE CAMPUS BEING INHABITED BY STUDENTS AND TEACHERS. THE CONTRACTORS ARE TO INCLUDE THESE SITUATIONS WITH THEIR BIDS.

25. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROADS AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

26. THE FOLLOWING DOCUMENTS SHALL BE ON THE JOB SITE PRIOR TO INSTALLATION OF THE UNITS), INCLUDING THE SERIAL NUMBER OF EA UNIT.

1. FINAL VERIFIED REPORT
THE SITE INSPECTOR SHALL VERIFY THE ABOVE DOCUMENTS ARE APPLICABLE TO EA UNIT PRIOR TO INSTALLATION OF THE UNITS).

27. NOTIFY ARCHITECT AND SCHOOL DISTRICT'S REPRESENTATIVE IF ANY DISCREPANCIES OCCURS.

28. WHERE THE WORD "INSTALL" OR "PROVIDE" IS USED, IT SHALL MEAN PROVIDE AND INSTALL.

29. THE TERMS "RELOCATABLE" AND "PORTABLE" BOTH REFER TO THE SAME INTERIM MODULAR BUILDINGS.

30. FIRE SAFETY DURING DEMOLITION & CONSTRUCTION SHALL COMPLY W/ CFC CHAP. 33

31. EXIT DOORS ARE TO BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR EFFORT (5 LB. MAX. OPENING PRESSURE).

32. REFER TO MANUFACTURERS DRAWINGS FOR BUILDING ARCHITECTURAL SPECIFICATIONS.

33. ALL EXPOSED PLUMBING PIPES, ELECTRICAL CONDUITS, & BOXES SHALL BE PAINTED TO MATCH ADJACENT SURFACES.

34. AS ARCHITECT OF RECORD, THE ARCHITECT RETAINS THE RIGHT TO MAKE FINAL JUDGMENTS RELATIVE TO MODIFICATIONS OF THE CONTRACT DOCUMENTS TO ENSURE COMPLIANCE OF THE DOCUMENTS WITH STANDARD ENGINEERING PRACTICE, APPLICABLE CODES, AND ARCHITECTURAL INTENT.

35. GRADING PLANS, DRAINAGE IMPROVEMENT, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL AGENCIES HAVING JURISDICTION.

36. WHEN A REFERENCE IS MADE, BEGINNING WITH THE PHRASE "SEE..." OR "REFER TO...", THE CONTRACTOR SHALL PERFORM ADDITIONAL WORK AS OUTLINED IN THE REFERENCED NOTE / LOCATION, AS NOTED THERE, IN ADDITION TO THE WORK NOTED IN THE ORIGINAL LOCATION.

37. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING, FITTING OR PATCHING THAT MAY BE REQUIRED TO COMPLETE THE WORK OR TO MAKE ITS SEVERAL PARTS FIT TOGETHER PROPERLY.

38. THE DISTRICT PROJECT MANAGER IS TO BE INFORMED OF CONSTRUCTION SCHEDULES ON A WEEKLY BASIS AND NOTIFIED IMMEDIATELY OF ANY PROPOSED CHANGES.

39. THE CONSULTANT DRAWINGS ARE SUPPLEMENTARY TO THE ARCHITECTURAL. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK THE ARCHITECTURAL BEFORE THE INSTALLATION OF ELECTRICAL WORK. SHOULD THERE BE A DISCREPANCY THAT WOULD CAUSE AN ANKWARD INSTALLATION, IT SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION. WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT HIS OWN EXPENSE, NO EXCEPTIONS.

40. UNLESS SHOWN OTHERWISE, ALL DAMAGE CAUSED BY THE WORK TO EXISTING AREAS OF THE SITE CONSTRUCTION, FINISH CONSTRUCTION, ELECTRICAL OR MECHANICAL SYSTEMS SHALL BE PATCHED TO MATCH EXISTING CONDITIONS OR AS FOUND PRIOR TO ANY DAMAGE. SEAL ALL PENETRATIONS OF EXTERIOR WALLS.

41. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING STRUCTURES AT THE WORK AREA FROM WEATHER AND OTHER INCLEMENT CONDITIONS. ANY DAMAGE INCURRED DUE TO FAILURE BY THE CONTRACTOR TO PROPERLY PROTECT SUCH WORK SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.

42. THE CONTRACTOR SHALL DISPOSE OF ALL REMOVED AND/OR DEMOLISHED MATERIAL, WASTE AND DEBRIS CAUSED BY THE WORK. THIS MATERIAL SHALL BE REMOVED FROM THE SCHOOL PROPERTY AND DELIVERED TO A LEGALLY OPERATED DISPOSAL SITE. CONTRACTOR SHALL PAY ALL FEES.

43. UTILITIES FOR CONSTRUCTION SHALL BE PROVIDED BY THE DISTRICT (REASONABLE AMOUNT), EXCEPT FOR TELECOMMUNICATION WHICH SHALL BE PROVIDED BY THE CONTRACTOR WHO IS RESPONSIBLE FOR ALL ASSOCIATED COSTS. CONTRACTORS IS TO PROVIDE AND PAY FOR THE UTILITY SERVICES FOR ITS CONSTRUCTION TRAILER.

44. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SECURING HIS EQUIPMENT, SUPPLIES, TOOLS, ETC.

45. ANY CONDITION NOT COVERED BY THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BY THE CONTRACTOR OR INSPECTOR PRIOR TO BIDDING.

GENERAL REQUIREMENTS

1. A "DSA CERTIFIED" INSPECTOR WITH CLASS (II) CERTIFICATION IS REQUIRED FOR THIS PROJECT.

2. A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, C.C.R.

3. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE SCHOOL BOARD SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

4. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE CONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS.

ISSUE FOR BID

NO.	DATE	REVISION

DATE: 9/13/2019
 JOB NO.: 150703
 DRAWN BY: JH, RG
 CHECKED BY: JFP

SITE CONTRACTOR

1. SITE CONTRACTOR TO SECURE THE PROJECT AREA WITH A TEMPORARY 6 FT. HIGH CHAIN LINK FENCE SO THAT NO UN-AUTHORIZED PERSONNEL OR CHILDREN WILL BE NEAR THE BUILDINGS OR ADJACENT CONSTRUCTION AREAS).

2. WHERE SHOWN ON PLANS OR WHERE REQUIRED, DEMOLISH AND REMOVE EXISTING CONCRETE PAVING, A/C PAVING OR SOIL FOR NEW PAVING, TURF AREAS, AND TRENCHING. WHERE AREAS ARE TO BE TRENCHED FOR NEW UTILITIES, PATCH TO MATCH ADJACENT SURFACES AND MATERIALS. ALL SOIL TO BE COMPACTED TO 40% DENSITY AT ALL TRENCHING AND VERIFIED BY THE PROJECT INSPECTOR. ANY SETTLEMENT AT TRENCHING AREAS SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

3. INSTALL ALL UTILITIES (ELECTRICAL, FIRE ALARM, SECURITY, CABLE, TELEPHONE TECHNOLOGY) TO BUILDING INCLUDING OVERHEAD RUNS.

4. REFER TO ELECTRICAL DRAWINGS FOR POWER, DATA, FIRE ALARM, SECURITY, CABLE AND PHONES.

5. REFER TO ARCHITECTURAL, CIVIL AND ELECTRICAL DRAWINGS AS THEY ARE PART OF THE SITE CONTRACTORS SCOPE OF WORK, UNLESS NOTED OTHERWISE.

6. REFER TO GENERAL NOTES FOR REMAINDER OF WORK TO BE DONE AND PRECAUTIONS TO BE TAKEN BY THE SITE CONTRACTOR.

7. SITE CONTRACTOR TO COORDINATE WORK BETWEEN THE RELOCATABLE BUILDING CONTRACTOR AND DISTRICT.

8. REFER TO DRAWINGS FOR OTHER MISCELLANEOUS WORK TO BE DONE BY THE DISTRICT AND THE BUILDING CONTRACTOR. COORDINATE WITH YOUR SCOPE OF WORK.

9. PROVIDE AND INSTALL A.D.A. SIGNAGE AT EXTERIOR AND INTERIOR DOORS OF RELOCATABLE BUILDINGS).

10. INSTALL ALL CLASSROOM BUILDING SIGNAGE.

11. INSTALL ALL SITE ALTERATIONS, INTERIOR RELOCATABLE BUILDING ALTERATIONS, ELECTRICAL SCOPE OF WORK AND MISCELLANEOUS ALTERATIONS TO PERMANENT FACILITIES AS REQUIRED TO COMPLETE THE PROJECT.

12. SITE CONTRACTOR TO PROVIDE ASPHALT PAVING FOR NEW RELOCATABLE BUILDINGS WHERE OCCURS.

13. PROTECT IN PLACE (P) CONCRETE GUTTER.

14. CONTRACTOR RESPONSIBLE FOR GRADING, COMPACTION AND LOCATING RE-LOCATABLE BUILDINGS CORNERS LOCATION.

RELOCATABLE BUILDING CONTRACTOR

1. INSTALL RELOCATABLE CLASSROOM BUILDINGS AS SHOWN IN THE CONTRACT DRAWINGS.

2. DISPOSE OF EXISTING DEBRIS, SOIL, FOOTING SPOILS, AND CONSTRUCTION MATERIAL AT A LEGAL DUMP. COST OF DISPOSAL TO BE PAID FOR BY THE BUILDING CONTRACTOR.

3. INSTALL NEW RAMPS, RAILINGS AND RELATED FRAMING WORK AS SHOWN IN CONTRACT DRAWINGS.

4. REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION.

5. ATTACH METAL RAMP AS REQUIRED SO TOP AND BOTTOM OF RAMP DOES NOT MOVE.

6. PROVIDE SKIRTING AT ALL BUILDING FOUNDATIONS AND RAMPS W/ VENTS, SO NO CHILD MAY CRAWL UNDER THEM.

7. FIELD TEST AND ADJUST ALL RELOCATABLE DOOR CLOSURES TO 5 LBS. MAX. OPENING PRESSURE.

8. PROVIDE EA, RELOCABLE CLASSROOM BUILDING WITH A STATE-APPROVED FIRE EXTINGUISHER.

9. RELOCABLE BUILDING CONTRACTOR TO SECURELY ATTACH METAL PLATES TO TOP OF EXTERIOR WALLS OF EACH BUILDING INDICATING DSA APPROVAL NUMBER AND BUILDING SERIAL NUMBERS.

DEMOLITION NOTES

1. DEMOLITION WORK SHOWN ON THE DRAWINGS IS DIAGNOSTIC. ALL CONDITIONS MAY NOT BE SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE ALL ITEMS THAT WILL INTERFERE WITH CONSTRUCTION. STRUCTURAL ITEMS THAT ARE TO BE REMOVED SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OF RECORD, PRIOR TO REMOVAL.

2. IT IS THE CONTRACTORS PHYSICAL AND FISCAL RESPONSIBILITY TO DISPOSE OF ALL MATERIALS TO BE REMOVED. CONTRACTORS SHALL DELIVER TO AND DISPOSE OF ALL CONSTRUCTION DEBRIS TO A LEGAL DISPOSAL SITE. CONTRACTOR SHALL PAY FOR ALL ASSOCIATED FEES.

3. FOR SCOPE OF WORK IN ADDITION TO WHAT IS MENTIONED HERE, REFER TO PLANS AND SPECIFICATIONS. REFER TO CIVIL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION WORK.

4. THE CONTRACTOR SHALL PROVIDE A SECURED STORAGE AREA (THE LOCATION OF WHICH SHALL BE APPROVED BY THE DISTRICT) FOR ALL ITEMS TO BE REMOVED UNDER THIS CONTRACT. RESTORE STORAGE AREA TO ORIGINAL CONDITION UPON COMPLETION OF JOB.

5. IF DURING DEMOLITION AND / OR CONSTRUCTION, CONDUITS, PIPING, HIGH / LOW VOLTAGE CABLES, IRRIGATION SPRINKLER SYSTEMS AND/OR TELEPHONE WIRES ARE ENCOUNTERED, THEY MUST BE REMOVED AND RELOCATED AND / OR MODIFIED AS REQUIRED TO OBTAIN THE DESIRED OPERATIONAL END PRODUCT.

6. WHERE REMOVING EXISTING CONCRETE FOR ANY PURPOSE, INCLUDING TRENCHING, REMOVE THE CONCRETE FROM CONSTRUCTION JOINT TO CONSTRUCTION JOINT.

7. THE DISTRICT HAS THE FIRST RIGHT TO KEEP WHATEVER MATERIALS ARE TO BE DEMOLISHED. CONTRACTOR SHALL COORDINATE DEMOLITION WITH THE DISTRICT, PRIOR TO PROCEEDING.

8. PRIOR TO TURNING OVER DEMOLISHED ITEMS TO THE DISTRICT, VERIFY IF DISTRICT WANTS THE ITEMS, IF NOT, DELIVER TO A LEGAL DISPOSAL SITE AS PART OF THIS CONTRACT.

9. ALL EXISTING ITEMS TO BE REMOVED, STORED, AND REINSTALLED SHALL BE DONE IN A CAREFUL MANNER. CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE ANY DAMAGED ITEMS IN KIND. CONTRACTOR SHALL HAVE A WRITTEN LOG OF ALL ITEMS STORED. A COPY OF THE LOG SHALL BE GIVEN TO THE DISTRICT.

10. ALL DEMOLITION, ABATEMENT, REINSTALLATION AND RECONSTRUCTION WORK IS BY THE CONTRACTOR, UNLESS OTHERWISE NOTED.

11. THE CONTRACTOR IS RESPONSIBLE TO REPAIR / REPLACE THE EXISTING IRRIGATION SYSTEM / COMPONENTS AND LANDSCAPING DAMAGED DURING CONSTRUCTION. ALL REPAIR / REPLACEMENT WORK DUE TO CONSTRUCTION DAMAGE SHALL BE APPROVED IN WRITING BY PRIOR TO REPAIRS / REPLACEMENTS BEING MADE.

STRUCTURAL NOTES

1. ASTM DESIGNATIONS TO BE OF LATEST DATE ACCEPTABLE TO THE CHECKING AGENCY.

2. DETAILS MARKED TYPICAL ON DRAWINGS ARE INTENDED TO SHOW TYPICAL CONDITIONS FOR THE ENTIRE PROJECT AND ARE TO APPLY WHERE SIMILAR CONDITIONS OCCUR.

3. CONDITIONS NOT SPECIFICALLY SHOWN SHALL BE SIMILAR TO TYPICAL DETAILS AS SHOWN FOR RESPECTIVE MATERIALS.

INSPECTION AND TESTING

1. COPIES OF THE REPORTS FOR ALL REQUIRED TESTS AND INSPECTIONS TO BE SENT TO THE ARCHITECT, (OWNER) DISTRICT AND DSA.

2. TESTING LAB TO BE SELECTED AND PAID FOR BY DISTRICT.

SOIL DATA

1. DESIGN SOIL BEARING PRESSURE IS 12000 PSF.

GENERAL NOTES & SCOPE OF WORK

ZEMBA + PRIETO ARCHITECTS
 601 South Orange Boulevard • Suite 400 • Burbank, CA 91502
 P: (818) 841-2585 • F: (818) 841-7782 • www.zembaandprieto.com

ROWLAND UNIFIED SCHOOL DISTRICT
 1830 NOGALES STREET
 ROWLAND HEIGHTS, CA., 91748

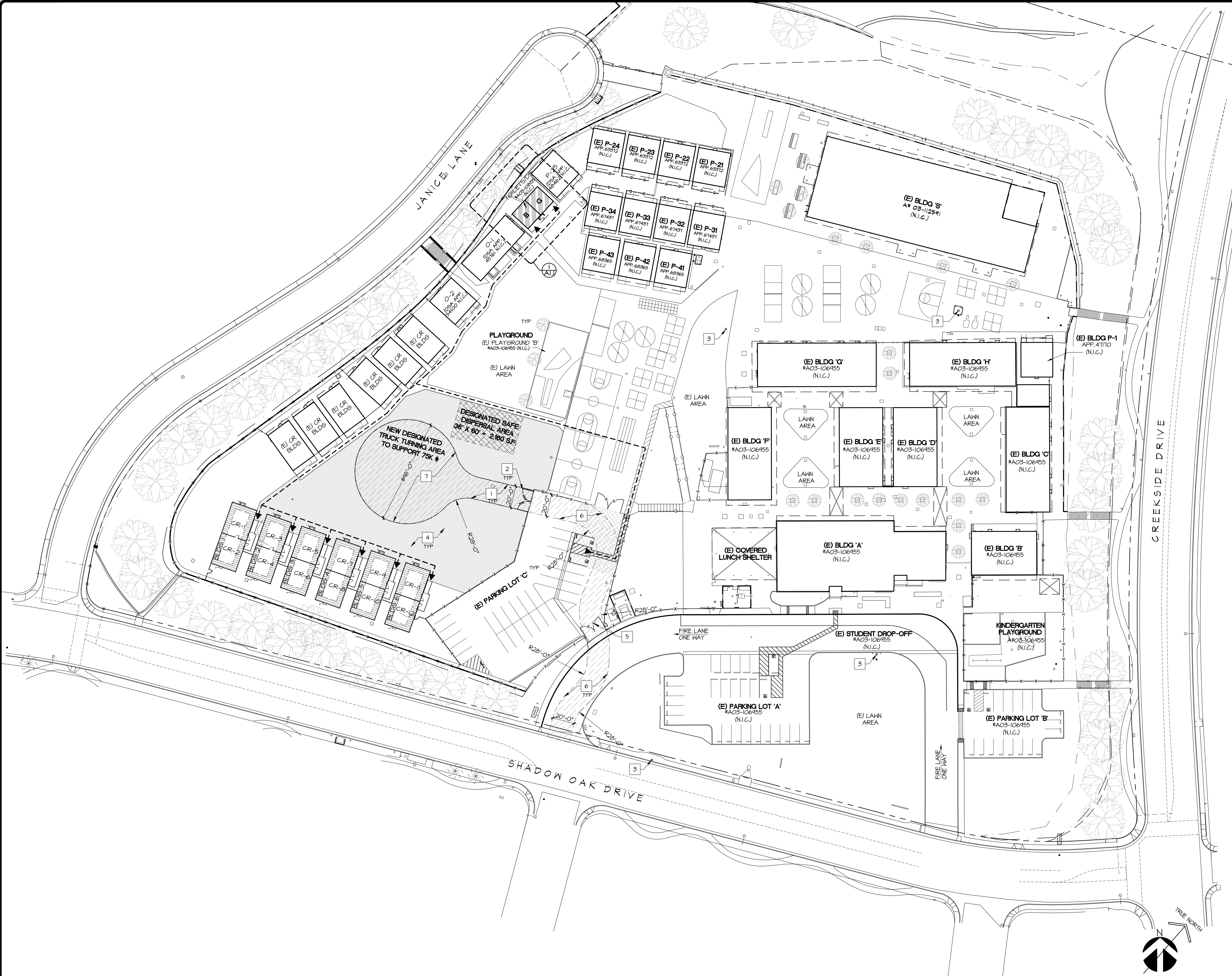
STANLEY G. OSWALT ACADEMY
 19501 SHADOW OAK DRIVE
 WALNUT, CA 91789

REGISTERED ARCHITECT
 MARCO F. PRIETO
C-33216
 RENEWAL DATE
 NOV. 30, 2019
 STATE OF CALIFORNIA

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 FILE # 19 - 92
 APP. # 03 - 119935
 DATE _____

SHEET NO.
T.2

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INTERIM HOUSING FIRE ACCESS SITE PLAN

SCALE: 1" = 40' - 0" 1

SITE KEYNOTES	
1	20' WIDE FIRE ACCESS LANE W/ 4" A/C PAVING OVER 1" AGGREGATE BASE PER CIVIL DRAWINGS. PAVING SHALL PROVIDE CAPACITY FOR A 15,000 LBS. FIRE TRUCK LOADING.
2	20' WIDE FIRE ACCESS GATE WITH FIRE DEPARTMENT KNOX BOX, REFER TO DETAIL.
3	(E) FIRE HYDRANT.
4	3" A/C PAVING OVER 4" NATIVE SOIL. REFER TO CIVIL DRAWINGS.
5	(E) 20' WIDE FIRE ACCESS GATE, PROTECT.
6	(E) 20' WIDE FIRE ACCESS LANE.
1	4" WIDE STRIPING AT FIRE TRUCK TURN AROUND.

LEGEND / CODE / FIRE FLOW CALC.	
OCCUPANCY:	E
NUMBER OF STORIES:	1
TYPE OF CONSTRUCTION:	V-B
BUILDING HEIGHT:	12'-0"
ALLOWABLE AREA:	9,500 S.F.
ACTUAL AREA:	8,640 S.F. < 9,500 S.F. OK
FIRE FLOW CALCULATION:	
TYPE OF CONSTRUCTION PER BLDG CODE:	TYPE V-B
FIRE-FLOW CALCULATION AREA:	8640 SF.
FIRE FLOW BASE ON THE FIREFLOW CALC.:	2500 GPM
REDUCTION FOR FIRE SPRINKLERS (MAX 50%):	0 GPM
TOTAL FIRE FLOW REQUIRED:	2500 GPM

LEGEND	
---	PROPERTY LINE.
---	FENCING.
-x-x-x-x-	(E) FENCING, PROTECT.
---	(E) RETAINING WALL, PROTECT.
---	PATH OF TRAVEL.
[]	(E) BUILDINGS, PROTECT.
[]	(E) ACCESSIBLE RESTROOMS, PROTECT.
[]	INTERIM RELOCATABLE CLASSROOM BUILDING.
▲	ACCESSIBLE ENTRANCE AND/OR EXIT.
[X]	CONSTRUCTION KEYNOTES.
B/G	BOYS OR GIRLS TOILET ROOMS.
[]	NEW ASPHALT PAVING. SEE CIVIL DWGS FOR ADDITIONAL INFORMATION.
[]	SAFE DISPERSAL AREA.
[]	FIRE DEPARTMENT ACCESS ROAD.

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1-3 below is to be provided for all project types indicated above. Information associated with items 4-7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the local fire authority (LFA) is only required when an alternate design means is being requested.

Page 1 of the completed form must be imaged onto the fire access site plan. When an alternate design/means is proposed, completed pages 1 and 2 are to be imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and [DSA Policy 09-01](#).

PROJECT INFORMATION			
School District/Owner: ROWLAND UNIFIED SCHOOL DISTRICT			
Project Name/School: STANLEY G. OSWALT ACADEMY			
Project Address: 19501 SHADOW OAK DR. WALNUT, CA 91789			
FIRE & LIFE SAFETY INFORMATION			
1. Has a fire hydrant flow test been performed within the past 12 months? (If yes, provide a copy of the test data.)	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
2. Was the fire hydrant water flow test performed as part of this LFA review?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
3. Is the project located within a designated fire hazard severity zone as established by Cal-Fire? (If yes, indicate fire hazard zone classification below)	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Refer to the following for fire hazard zone locations: www.fire.ca.gov/fire_prevention/fire_prevention_wildland_zones_maps			
Wildland Interface Area (WIFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)	Moderate <input type="checkbox"/>	High <input type="checkbox"/>	Very High <input type="checkbox"/>
			WIFA <input type="checkbox"/>

CONDITION MEANS AND METHODS RESOLUTION	ALTERNATE ACCEPTED			
	Yes	No	N/A	N/R
4. Emergency vehicle access roadways do not meet CFC requirements.				
4a. Acceptable Alternate: Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.				
5. Fire Hydrants: Number and spacing does not meet CFC requirements.				
5a. Acceptable Alternate: Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				
6. Fire Hydrants: Water flow and pressure are less than CFC minimum.				
6a. Acceptable Alternate: The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				
7. Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.				
7a. Acceptable Alternate: The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				

DSA 810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

School District Acceptance of Acceptable Design Alternates
 By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: _____ Title: _____
 Signature: _____ Date: _____

LOCAL FIRE AUTHORITY (LFA) INFORMATION

LFA Agency Name: _____
 LFA Review Official: _____
 Title: _____ Work Phone: _____
 Work E-mail: _____
 LFA Reviewer's Signature: _____ Date: _____

ISSUE FOR BID		
NO.	DATE	REVISION

DATE: 9/13/2019
 JOB NO.: 150703
 DRAWN BY: JH, RG
 CHECKED BY: JFP

ZIEMBA + PRIETO ARCHITECTS
 601 South Chenoweth Boulevard • Suite 400 • Burbank, CA 91502
 P: (818) 841-2585 • F: (818) 841-7782 • www.ziemba-prieto.com

INTERIM HOUSING FIRE ACCESS SITE PLAN

ROWLAND UNIFIED SCHOOL DISTRICT
 1830 NOGALES STREET
 ROWLAND HEIGHTS, CA., 91748

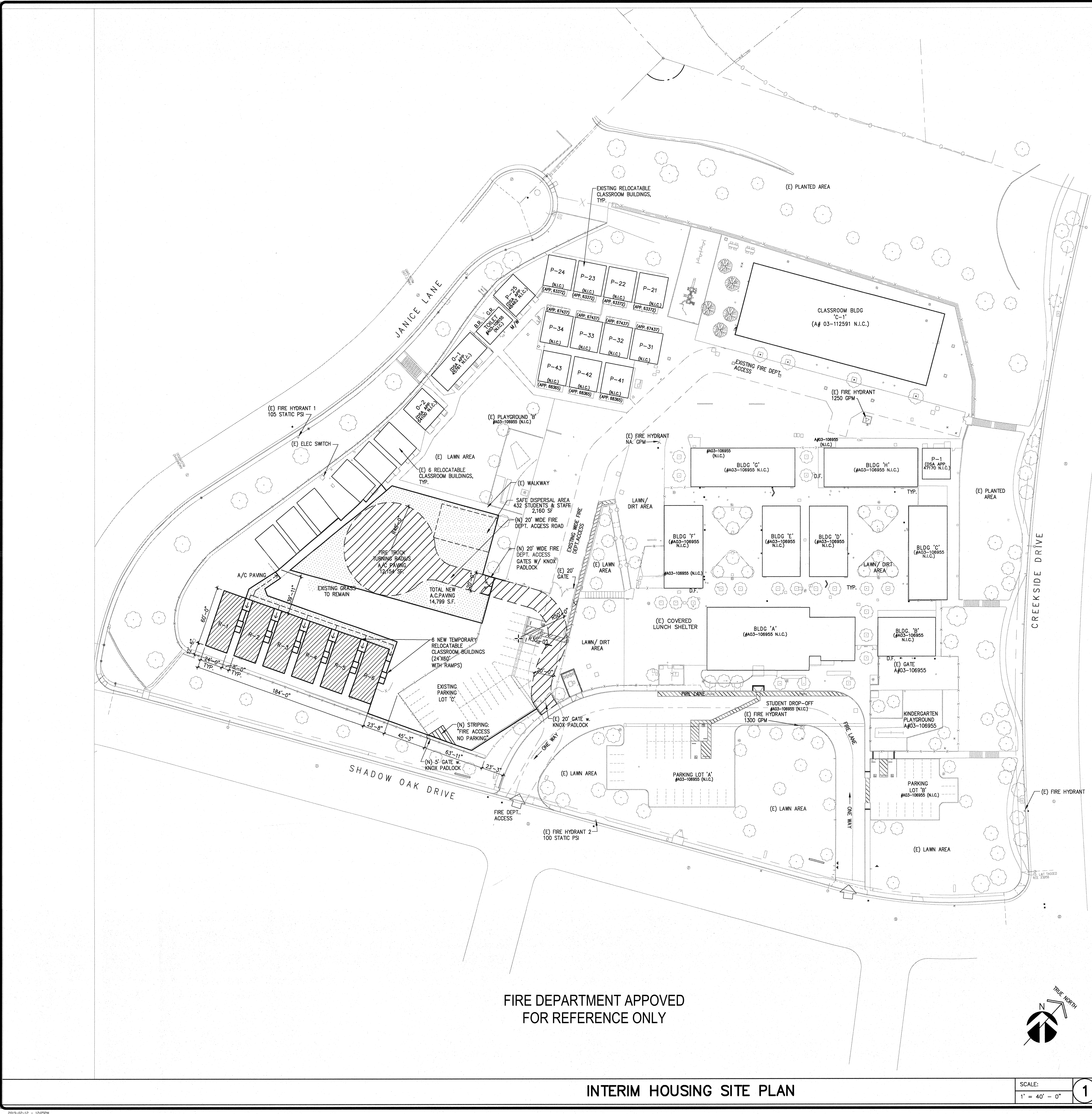
STANLEY G. OSWALT ACADEMY
 19501 SHADOW OAK DRIVE
 WALNUT, CA 91789



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 FILE # 19 - 93
 APP. # 03 - 119935
 DATE: _____

SHEET NO. **T.3**

D:\Rowland\Oswalt\Elementary_School_150703_New_School_Arch_Temp\2019-01-16_Temp_Interim_Housing_Proposal\Options\21_080208_A01_NEW_SITE_PLAN.dwg, 2/12/2019 12:05:36 PM, L1
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FIRE DEPARTMENT APPROVED
FOR REFERENCE ONLY

INTERIM HOUSING SITE PLAN

SCALE: 1" = 40' - 0"

DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1-3 below is to be provided for all project types indicated above. Information associated with items 4-7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the local fire authority (LFA) is only required when an alternate design means is being requested.

Page 1 of the completed form must be imaged onto the fire access site plan. When an alternate design/means is proposed, completed pages 1 and 2 are to be imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy 09-01.

PROJECT INFORMATION
 School District/Owner: ROWLAND UNIFIED SCHOOL DISTRICT
 Project Name/School: STANLEY G. OSWALT ACADEMY
 Project Address: 19501 SHADOW OAK DR. WALNUT, CA 91789

FIRE & LIFE SAFETY INFORMATION

1. Has a fire hydrant flow test been performed within the past 12 months? (If yes, provide a copy of the test data.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
2. Was the fire hydrant water flow test performed as part of this LFA review?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
3. Is the project located within a designated fire hazard severity zone as established by Cal-Fire? (If yes, indicate fire hazard zone classification below)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Refer to the following for fire hazard zone locations: www.fire.ca.gov/fire_prevention/fire_prevention_wildland_zones_maps	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Wildland Interface Area (WIFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)	WIFA <input type="checkbox"/>	

CONDITION MEANS AND METHODS RESOLUTION

	ALTERNATE ACCEPTED			
	Yes	No	N/A	N/R
4. Emergency vehicle access roadways do not meet CFC requirements.				
4a. Acceptable Alternate: Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.	<input checked="" type="checkbox"/>			
5. Fire Hydrants: Number and spacing does not meet CFC requirements.				
5a. Acceptable Alternate: Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.	<input checked="" type="checkbox"/>			
6. Fire Hydrants: Water flow and pressure are less than CFC minimum.				
6a. Acceptable Alternate: The available flow and pressure is acceptable for providing fire suppression and protection of life and property.	<input checked="" type="checkbox"/>			
7. Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.				
7a. Acceptable Alternate: The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				<input checked="" type="checkbox"/>

DSA 810 (rev 10-22-18) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 1 of 4

DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

School District Acceptance of Acceptable Design Alternates

By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: _____ Title: _____
 Signature: _____ Date: _____

LOCAL FIRE AUTHORITY (LFA) INFORMATION

LFA Agency Name: C.A. County Fire Dept.
 LFA Review Official: Sason Wilens
 Title: FPEA II Work Phone: (909) 620-2402
 Work E-mail: Sason.wilens@fire.lacounty.gov

LFA Reviewer's Signature: _____ Date: 2/13/19

COUNTY OF LOS ANGELES
FIRE DEPARTMENT
FIRE PREVENTION ENGINEERING

APPROVED

DATE: 2/13/19

DSA 810 (rev 10-22-18) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 2 of 4

--- PROPERTY LINE x-x-x-x (N) FENCING - - - - - (E) FENCING - - - - - BARRIER FREE PATH OF TRAVEL	[Pattern] ASPHALT PAVING [Pattern] NEW INTERIM RELOCATABLE CLASSROOM BUILDING [Pattern] EXISTING BUILDINGS
OCCUPANCY: E NUMBER OF STORES: 1 TYPE OF CONSTRUCTION: V-B BUILDING HEIGHT: 12'-0" ALLOWABLE AREA: 9,500 S.F. ACTUAL AREA: 8,640 S.F. < 9,500 S.F. - OK	FIRE FLOW CALCULATION: TYPE OF CONSTRUCTION PER BLDG CODE: TYPE VB FIRE FLOW CALCULATION AREA: 8840 SF FIRE FLOW BASE ON THE FIREFLOW CALC.: 2500 GPM REDUCTION FOR FIRE SPRINKLERS (MAX 50%): 0 GPM TOTAL FIRE FLOW REQUIRED: 2500 GPM

LEGEND / CODE / FIRE FLOW CALC

NO.	DATE	REVISION

DATE: 2/06/2019
 JOB NO.: 150703
 DRAWN BY: JH, RG
 CHECKED BY: JFP, JA

INTERIM HOUSING SITE PLAN
ZEMBA + PRIETO ARCHITECTS
 601 South Glencoe Boulevard • Suite 400 • Burbank, CA 91502
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ROWLAND UNIFIED SCHOOL DISTRICT
 1830 SOUTH NOGALES STREET
 ROWLAND HEIGHTS, CA. 91748
STANLEY G. OSWALT ACADEMY
 19501 SHADOW OAK DR.
 WALNUT, CA 91789



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 FILE # 19 - 92
 APP. # 03 - 119935
 DATE: JUL 03 2019

SHEET NO. AS02

GENERAL NOTES:

- CONSTRUCT OFFSITE WORK TO COMPLY WITH THE REQUIREMENTS OF THE LOCAL GOVERNING AGENCY. SECURE AND PAY FOR REQUIRED CONSTRUCTION PERMITS.
- CONSTRUCT STRAIGHT GRADES BETWEEN ELEVATIONS SHOWN ON THE PLANS UNLESS INTERRUPTED BY A GRADE CHANGE LINE. ANY DEVIATION FROM THE GRADING PLAN MUST HAVE PRIOR APPROVAL FROM THE ENGINEER.
- GRADE LAWN, TURF, PLANTING AND AGRICULTURAL AREA 1 1/2" BELOW DESIGN GRADES INDICATED.
- REMOVE YARD BOXES WITHIN THE GRADING LIMITS AND INSTALL NEW ONES TO MATCH DESIGN GRADES PER DETAIL. VERIFY LOCATION AND NUMBER OF YARD BOXES IN THE FIELD PRIOR TO BIDDING.
- ADJUST TO DESIGN GRADE TOP OF EXISTING VALVE BOXES WITHIN AREAS TO BE REGRADED.
- TRIM TREE ROOTS AS NECESSARY TO CONSTRUCT PAVEMENT AND INSTALL HEADERS. TRIM ROOTS UNDER THE DIRECTION OF A CERTIFIED ARBORIST. NOTIFY DISTRICT GARDENING SUPERVISOR PRIOR TO TRIMMING OF TREES. PROVIDE NEW TREE IF DAMAGED.
- WHERE NEW PAVEMENT OR CURB IS TO BE CONSTRUCTED UNDER A FENCE, UNITE AND REMOVE FENCE FABRIC TO PERMIT CONSTRUCTION. AFTER CONSTRUCTION, ADD OR CUT AND KNUCKLE FABRIC TO FIT NEW SURFACE AND RE-INSTALL. ADJUST, MODIFY OR REPLACE GATES, IF ANY, TO CLEAR NEW GRADES. CLEARANCE SHOULD NOT EXCEED 1.5' ABOVE SURFACE AT THE GATE OPENING.
- PROVIDE AND INSTALL 2"x6" REDWOOD HEADERS AT NEW A.C. PAVEMENT PER DETAIL 2 AT THE FOLLOWING LOCATIONS UNLESS NOTED OTHERWISE.
 - AT TREE AREAS, TREE WELLS SHALL BE 10'x10' FOR TREES WITH 12" DIAMETER OR GREATER TRUNK SIZE, 8'x8' FOR TREES LESS THAN 12" DIAMETER AND FOR NEW TREES, SEE LANDSCAPED PLANS.
 - WHERE IT ABUTS LAWNS, TURFS, PLANTING AREAS, OTHER UNPAVED AREAS AND EXISTING WOOD STRUCTURES.
- PROVIDE AND INSTALL 2"x6" REDWOOD HEADERS SIMILAR TO DETAIL AT SAWCUT EDGES OF A.C. PAVEMENT ADJOINING NEW PLANTING OR TREE AREAS.
- PLAYGROUND EQUIPMENT ARE TO REMAIN UNLESS PLAYGROUND COURT MARKING PLAN INDICATES OTHERWISE.
- PLAYGROUND COURT MARKINGS AND EQUIPMENT SHALL CONFORM TO DISTRICT STANDARDS.
- REMOVE NON-CONFORMING EXISTING CATCH BASIN GRATES WITHIN THE WORK AREA AND REPLACE THEM WITH GRATES HAVING 4" CLEAR SPACING. USE VANDAL-RESISTANT ALUMINUM FOUNDRY GRATES OR EQUAL TO MATCH SIZE OF EXISTING FRAMES.
- MAINTAIN A RECORD OF LOCATION OF UTILITY MARKERS ON THE AS-BUILT PLAN AND REINSTALL THEM WITH AFTER PAVING. REPLACE BENT OR UNSAFE MARKERS. FOR ALL UTILITY LINES DISCOVERED WITHIN THE WORK AREA, INSTALL BRASS UTILITY MARKERS INDICATING DIRECTIONS OF LINES AT ALL CHANGES IN DIRECTIONS AFTER PAVING. INFORM THE SURVEYOR TO LOCATE AND RECORD ACTUAL LOCATIONS.
- UNLOG, CLEAN AND FLUSH THE WORK AREA DRAINAGE SYSTEM AFTER PAVING AND IMMEDIATELY BEFORE A RAIN FORECAST.
- NO WORK, SUCH AS REPAVING, CHAIN LINK FENCING, PLUMBING, ETC., WILL BE PERFORMED WITHIN 5 FEET OF ANY BUILDING UNLESS THE BUILDING COAT HAS BEEN TESTED TO BE FREE OF ASBESTOS OR LEAD. IF WORK WILL BE PERFORMED WITHIN 5 FEET OF A BUILDING, THE BUILDING FINISH SHALL BE TESTED BY THE DISTRICT ASBESTOS TECHNICAL UNIT (ATU) 15 FEET BEFORE A TEST IS MADE. THE CONTRACTOR SHALL DETERMINE THE LOCATION AND DEPTH OF ALL UTILITIES INCLUDING ALL SERVICE CONNECTIONS, WHICH HAVE BEEN MARKED BY THE RESPECTIVE OWNERS AND WHICH MAY AFFECT OR BE AFFECTED BY ITS OPERATIONS. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PROTECT ALL UTILITIES AND ALL STRUCTURES FOUND AT THE SITE.

GENERAL NOTES FOR GRADING

- ALL WORK SHALL CONFORM WITH THE "GREENBOOK" STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPW), 2012 EDITION AND THE LATEST REVISIONS THERETO, THE WORK AREA TRAFFIC CONTROL HANDBOOK (W.A.T.C.H. MANUAL), A.D.A. TITLE 24 REQUIREMENTS, AND 2016 C.B.C. UNLESS SPECIFIED OTHERWISE IN THE CONTRACT SPECIFICATIONS.
- A COPY OF THE APPROVED GRADING PLANS MUST BE IN THE POSSESSION OF A RESPONSIBLE PERSON AND AVAILABLE AT THE JOB SITE AT ALL TIMES.
- AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE REGIONAL NOTIFICATION CENTER (UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA - U.S.A. AT 811) TO OBTAIN AN INQUIRY IDENTIFICATION NUMBER AND TO REQUEST THE UTILITY OWNERS TO MARK OR OTHERWISE INDICATE THE LOCATION OF THEIR SUBSURFACE FACILITIES. THE CONTRACTOR SHALL DETERMINE THE LOCATION AND DEPTH OF ALL UTILITIES INCLUDING ALL SERVICE CONNECTIONS, WHICH HAVE BEEN MARKED BY THE RESPECTIVE OWNERS AND WHICH MAY AFFECT OR BE AFFECTED BY ITS OPERATIONS. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PROTECT ALL UTILITIES AND ALL STRUCTURES FOUND AT THE SITE.
- THROUGHOUT ALL PHASES OF CONSTRUCTION, INCLUDING SUSPENSION OF WORK, UNTIL FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL KEEP THE WORK SITE CLEAN AND FREE FROM RUBBISH AND DEBRIS. THE CONTRACTOR SHALL ALSO ABATE DUST NUISANCE BY CLEANING, SWEEPING AND SPRINKLING WITH WATER AND USING DUST FENCES OR OTHER METHODS, AS DIRECTED BY THE CITY, THROUGHOUT THE CONSTRUCTION OPERATION.
- THE CONTRACTOR SHALL KEEP A STRICT RECORD OF ALL CHANGES THAT OCCUR DURING CONSTRUCTION PRACTICES AND SUBMIT THE RECORD TO THE SCHOOL DISTRICT CERTIFIED AS RECORD DRAWING PLANS.
- ALL DAMAGE CAUSED TO PUBLIC STREETS, INCLUDING HAUL ROUTES, ALLEYS, SIDEWALK, CURBS OR STREET FURNISHINGS, OR TO PRIVATE PROPERTY SHALL BE REPAIRED AT THE SOLE EXPENSE OF THE CONTRACTOR TO THE ENGINEER'S SATISFACTION.
- THE CONTRACTOR SHALL REMOVE AND REPLACE ANY EXISTING BROKEN OR DAMAGED SIDEWALK, CURB, GUTTER OR ASPHALT PAVING (PATCH, REPAIR OR OVERLAY) CAUSED BY THEIR WORK ON THIS PROJECT AT THE DIRECTION OF THE SCHOOL DISTRICT.
- SAWCUT EXISTING PAVEMENT AS DIRECTED BY THE JOB INSPECTOR.
- WHERE JOINING THE EXISTING PAVEMENT, SAWCUT TO SOUND PAVEMENT AND OVERLAY AS REQUIRED TO PROVIDE PROPER GRADE AND 2% MAX. CROSS-SLOPE. ANY UNSOUND PAVEMENT SHALL BE REPLACED AS REQUIRED BY THE ENGINEER.
- AT LEAST TWO (2) WORKING DAYS BEFORE COMMENCING EXCAVATION, THE CONTRACTOR SHALL POTHOLE AND EXPOSE THE EXISTING UTILITIES AT ALL CROSSINGS AND AT THE POINT OF TIE-IN; THEN CONTACT THE ENGINEER TO VERIFY THE ELEVATION OF THE EXISTING UTILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING STORM DAMAGE PREVENTION MEASURES OR EROSION CONTROL DEVICES AND/OR TO PERFORM CERTAIN GRADING TO PREVENT SOIL OR EXCESS RUNOFF FROM FLOWING INTO PUBLIC STREETS OR ADJACENT PROPERTIES. IN THE EVENT OF SUCH AN OCCURRENCE, CLEANUP SHALL COMMENCE IMMEDIATELY. SHOULD CITY FORCES OR THE CITY CONTRACTOR PERFORM ANY CLEANUP RESULTING FROM THIS DEVELOPMENT, THE CONTRACTOR SHALL PAY THE COST INCURRED WITHIN TEN (10) WORKING DAYS UPON RECEIPT OF BILLING.
- EITHER WATER OR DUST PALLIATIVE, OR BOTH, MUST BE APPLIED FOR THE ALLEVATION OR PREVENTION OF EXCESSIVE DUST RESULTING FROM THE LOADING OR TRANSPORTATION OF EARTH FROM OR TO THE PROJECT SITE OR PRIVATE AND PUBLIC ROADWAYS.
- FINE GRADING TO BE NO LESS THAN THE FOLLOWING UNLESS STATED OTHERWISE ON THE PLANS:

	CROSS-SLOPE	LONGITUDINAL-SLOPE
PERVIOUS SURFACES	2.00%	1.00%
ASPHALT SURFACES	1.00%	1.00%
CONCRETE SURFACES	0.50%	0.50%
- EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE ON NON-STORMWATER FROM THE PROJECT SITE AT ALL TIMES.
- ALL TRUCKS HAULING DIRT, SAND, OIL, OR OTHER LOOSE MATERIALS ARE TO BE COVERED OR SHOULD MAINTAIN AT LEAST TWO FEET OF FREEBOARD IN ACCORDANCE WITH THE REQUIREMENTS OF CVC SECTION 23114.
- CONTRACTOR TO PROVIDE DUST CONTROL DURING ALL GRADING AND TRENCHING OPERATIONS.

NOTICE TO CONTRACTOR:

IT IS A REQUIREMENT OF THESE PLANS THAT ALL WORK DEPICTED HEREON SHALL BE STAKED BY A LICENSED LAND SURVEYOR AS DEFINED BY THE STATE OF CALIFORNIA. FAILURE TO COMPLY WITH THIS REQUIREMENT WILL RESULT IN THE CONTRACTOR BEING HELD FULLY LIABLE FOR ANY ERRORS IN THE DESIGN AND CONSTRUCTION OF THE IMPROVEMENTS.

BY WORKING FROM THESE PLANS THE CONTRACTOR AND HIS SUBCONTRACTORS ACKNOWLEDGE THAT THEY HAVE REVIEWED THESE PLANS THOROUGHLY AND UNDERSTAND THE DESIGN INTENT IMPLIED BY THE PLANS. THE CONTRACTOR FURTHER ACKNOWLEDGES THAT ONLY QUALIFIED FIELD PERSONNEL OF THE CONTRACTOR AND SUBCONTRACTOR ARE TO BE UTILIZED IN IMPLEMENTING THE ENGINEER'S DESIGN INTENT. FURTHER, THE CONTRACTOR ACKNOWLEDGES THAT HIS FIELD PERSONNEL FULLY UNDERSTAND THE DESIGN INTENT OF THESE PLANS.

SPECIAL NOTES

- THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTIONS TO THE CONTRACTOR BY THE ENGINEER OF WORK.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL EXAMINE ALL PLANS AND CONTRACT DOCUMENTS AND SHALL INSPECT THE EXISTING CONDITIONS IN THE FIELD AND SHALL REPORT IN WRITING ANY DISCREPANCY THIS NOTED TO THE ENGINEER OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE APPROPRIATE PERMITS FOR ALL WORK TO BE DONE, PRIOR TO INITIATING SUCH WORK.
- NEITHER THE OWNER NOR THE ENGINEER OF WORK WILL ENFORCE SAFETY MEASURES OR DEVICES INCLUDING SHORING AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.
- ALL LABOR AND MATERIALS FOR THIS PROJECT SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR, UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPORTING AND/OR EXPORTING ALL MATERIAL AS REQUIRED TO PROPERLY GRADE THIS PROJECT TO THE FINISHED GRADES SHOWN HEREON IN ACCORDANCE WITH THE APPROVED PLANS, AND THE SOILS ENGINEERS RECOMMENDATIONS.
- THE CONTRACTOR SHALL TAKE PROTECTIVE MEASURES TO PREVENT THE ACCUMULATION OF MUD ON PUBLIC STREETS, AND SHALL CONTROL DUST.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS REQUIRED TO PROTECT ADJACENT PROPERTIES AND/OR FACILITIES DURING GRADING OPERATIONS. ANYTHING DISTURBED, DAMAGED, OR DESTROYED SHALL BE ADJUSTED, REPAIRED OR REPLACED TO THE CONDITION EXISTING PRIOR TO GRADING AT THE CONTRACTOR'S EXPENSE.
- ELEVATIONS AND CONTOURS SHOWN HEREON ARE TO FINISH GRADE UNLESS OTHERWISE NOTED. DURING GRADING, THE CONTRACTOR SHALL MAKE ALLOWANCES IN PAVED AREAS, AND LANDSCAPE AREAS TO ACCOMMODATE STRUCTURAL SECTIONS.
- ALL GRADED SURFACES SHALL PROVIDE POSITIVE DRAINAGE AND PREVENT PONDING OF WATER. THE CONTRACTOR SHALL CONTROL ALL SURFACE WATER TO AVOID DAMAGE TO ADJOINING PROPERTIES OR TO FINISH WORK ON THE SITE, AND SHALL TAKE REMEDIAL MEASURES TO PREVENT EROSION OF FRESHLY GRADED AREAS UNTIL PERMANENT DRAINAGE CONTROL MEASURES HAVE BEEN INSTALLED.
- GRADING TOLERANCES: VERTICAL + 0.1", HORIZONTAL + 0.5". THESE LIMITS DO NOT RELIEVE THE CONTRACTORS RESPONSIBILITY FOR PROVIDING A FINISHED SURFACE THAT WILL NOT POND WATER.

ASPHALT CONCRETE PAVING (AC)

- ALL MATERIAL AND INSTALLATION OF AC PAVING AND AGGREGATE BASE SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, "LATEST EDITION".
- CONTRACTOR SHALL SUBMIT PROPOSED DESIGN MIX FOR REVIEW AND APPROVAL PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL NOT PLACE AC PAVING WHEN BASE SURFACE TEMPERATURE IS LESS THAN 40° F.
- CONTRACTOR SHALL PROTECT AC PAVING IMMEDIATELY AFTER PLACEMENT FROM MECHANICAL INJURY FOR TWO DAYS.
- CONTRACTOR SHALL PERFORM A FLOOD TEST OF THE FINISHED AC PAVING. TEST SHALL BE CONDUCTED IN THE PRESENCE OF THE DISTRICT'S REPRESENTATIVE. WHERE WATER PONDS MORE THAN 1/8", CONTRACTOR SHALL FILL OR OTHERWISE CORRECT AC PAVING TO PROVIDE PROPER DRAINAGE.
- CONTRACTOR SHALL PLACE AC PAVING IN ONE LIFT.
- CONTRACTOR SHALL APPLY A "TACK COAT" BETWEEN PAVEMENT LAYER, AND CONCRETE SURFACES AT A RATE OF 0.10 GAL/YD. TACK COAT SHALL COMPLY WITH THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- AC PAVING SHALL BE B2-AR-4000 FOR BASE COURSE AND C2-AR-4000 FOR FINISH COURSE.
- PAVING FOR FIRE DEPARTMENT ACCESS SHALL PROVIDE CAPACITY FOR A 75,000 LB FIRE TRUCK LOADING.

GENERAL EROSION CONTROL NOTES

- A STAND-BY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (OCTOBER 15 TO APRIL 15). NECESSARY MATERIAL SHALL BE AVAILABLE ONSITE AND STOCKPILED AT CONVENIENT LOCATIONS TO INSURE THE RAPID CONSTRUCTION OF EMERGENCY DEVICES. CONTACT MARCOS RODRIGUEZ AT (626) 912-0668 IN CASE OF EMERGENCY.
- EROSION CONTROL DEVICES SHOWN ON THIS PLAN MAY BE REMOVED WHEN APPROVED BY THE ENGINEER IF THE GRADING OPERATION HAS PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.
- ALL DEVICES SHOWN ON THE PLAN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY OR ON WEEKENDS WHEN THE 5 DAY RAIN PROBABILITY FORECAST EXCEEDS 40%.
- GRADED AREAS ADJACENT TO HILL SLOPES LOCATED AT THE SITE PERIMETER MUST DRAIN AWAY FROM TOP OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
- ALL LOOSE SOIL AND DEBRIS WHICH MAY CREATE A POTENTIAL HAZARD TO OFFSITE PROPERTY SHALL BE REMOVED FROM THE SITE.
- ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM.
- THE PLACEMENT OF ADDITIONAL DEVICES TO REDUCE EROSION DAMAGE WITHIN THE SITE IS LEFT TO THE DISCRETION OF THE FIELD ENGINEER.
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO THE PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC REPAVING AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY SHALL BE REMOVED IMMEDIATELY.
- WHEN NECESSARY WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATER COURSE THROUGH USE OF SANDBAGS, GRAVEL BOARDS OR OTHER APPROVED METHODS.

LEGENDS & ABBREVIATIONS

---	PROPERTY LINE (P)	AB	AGGREGATE BASE
(100)	EXISTING CONTOUR	AC	ASPHALTIC CONCRETE
---	FLOW LINE	BLDG	BUILDING
---	ADA PATH OF TRAVEL	C.L.	CENTERLINE
---	EXISTING WALL	CONC.	CONCRETE
---	PROPOSED BUILDING	EP	EDGE OF PAVEMENT
---	4" AC PAVING OVER 7" AB	GP	GUARD POST
---	3" AC PAVING OVER 4" NATIVE SOIL	INV	INVERT
---	EARTH SLOPE	NO.	NUMBER
		PGS.	PAGES
		P.L.	PROPERTY LINE
		R.C.E.	REGISTERED CIVIL ENGINEER
		SSCD	SEWER CLEANOUT
		TC	TOP OF CURB
		TYP	TYPICAL
		WF	TOP OF WALL
		WC	PORTLAND CEMENT CONCRETE
		P.C.C.	PORTLAND CEMENT CONCRETE
		NG	NATURAL GRADE
		FS	FINISH SURFACE
		SQ	SQUARE
		LF	LINEAR FOOT
		GF	TOP OF GRATE
		FL	FLOW LINE
		SF	SQUARE FOOT
		STD	STANDARD
		WV	WATER VALVE
		GB	GRADE BREAK
		DB	DIAMETER

DEMOLITION NOTES & QUANTITIES

A) CLEAR AND DISPOSE OF EX. GRASS AND ROOTS IN WORK AREA.	41,272 S.F.
B) MODIFY EX. IRRIGATION TO ACCOMMODATE NEW PAVING.	1 L.S.
C) REMOVE AND DISPOSE OF EX. BACKSTOP.	1 L.S.
D) REMOVE AND DISPOSE OF EX. FENCE.	20 L.F.

CONSTRUCTION NOTES & QUANTITIES

- CONSTRUCT 4" AC PAVING OVER 7" CLASS II AGGREGATE BASE PLACED ON A MINIMUM OF 2'-FEET OF COMPACTED SOIL PER SOILS REPORT RECOMMENDATION. 8,755 S.F.
- GRADE PAVING AREA TO FINISHED GRADES SHOWN. STOCKPILE SPOIL MATERIAL AT LOCATION SPECIFIED BY DISTRICT. CONTRACTOR RESPONSIBLE FOR EXPORTING ALL MATERIAL AND ANY PERMITS OR HAUL ROUTE PLANS REQUIRED BY THE LOCAL AGENCY. 930 C.Y.
- INSTALL 20'-0" WIDE CHAINLINK GATES PER ARCHITECTURAL PLAN DETAIL 5 ON SHEET AS2.0. 1 EA
- INSTALL 12"x12" AREA DRAIN PER DETAIL 1 ON SHEET C1.0. 1 EA
- INSTALL 4" DIA. ADS N12 STORM DRAIN PIPE TO EXISTING STORM INLET PER DETAIL 3 ON SHEET C1.1. 128 L.F.
- INSTALL 2"x6" REDWOOD HEADER PER DETAIL 2 ON SHEET C1.0. 199 L.F.
- INSTALL DRYWELL PER ARCHITECTURAL PLAN DETAIL 17 ON SHEET AS2.0. 12 EA
- INSTALL 6' HIGH CHAIN LINK FENCE AROUND EACH HVAC UNIT PER ARCHITECTURAL PLAN DETAILS 4, 7, 11 AND 14 ON SHEET AS2.0. 72 L.F.
- INSTALL 6' HIGH CHAIN LINK FENCE WITH POSTS BETWEEN BUILDING UNITS PER ARCHITECTURAL PLAN DETAIL 6 ON SHEET AS2.0. 41 L.F.
- INSTALL 3'-6" x 6' HIGH CHAIN LINK GATE PER ARCHITECTURAL PLAN DETAIL 1 ON SHEET AS2.0. 2 EA
- CONSTRUCT 3" AC PAVING OVER 4" NATIVE SOIL PER SOILS REPORT RECOMMENDATION. 21,527 S.F.
- CONNECT PROPOSED 4" DIA. SD PIPE TO EXISTING CATCH BASIN. SEE DETAIL 3 ON SHEET C1.1. 1 EA

SOILS AND GEOLOGIST CERTIFICATION

THIS GRADING PLAN HAS BEEN REVIEWED BY THE UNDERSIGNED AND FOUND TO BE IN CONFORMANCE WITH THE RECOMMENDATIONS AS OUTLINED IN THE FOLLOWING SOILS AND GEOLOGICAL REPORT FOR THIS PROJECT

ENTITLED: GEOTECHNICAL INVESTIGATION REPORT
STANLEY G. OSWALT ACADEMY
19501 SHADOW OAK DRIVE, WALNUT, CA 91789

DATE: DECEMBER 14, 2018

FIRM NAME: HARRINGTON GEOTECHNICAL ENGINEERING, INC.
1590 N. BRIAN STREET, ORANGE, CA 92667-3406
FAX (714) 637-3096 PHONE (714) 637-3093

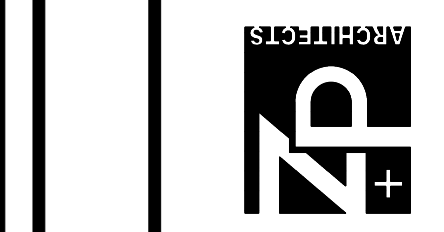
BY: JOSEPH L. WELCH, P.E., C.E.
SENIOR GEOTECHNICAL ENGINEER

BY: ALLYSON L. STENES, CEG
SENIOR ENGINEERING GEOLOGIST

NO.	DATE	REVISION

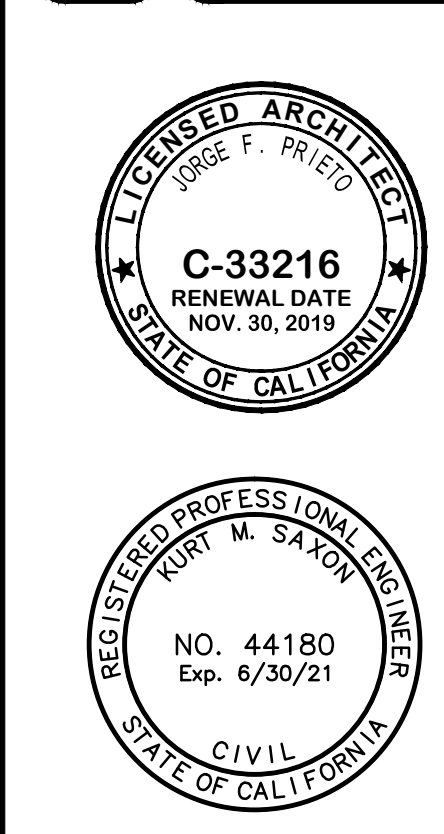
DATE: 5/10/2019
JOB NO.: 1424-141
DRAWN BY: SC
CHECKED BY: KMS

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ROWLAND UNIFIED SCHOOL DISTRICT
1830 NOGALES STREET
ROWLAND HEIGHTS, CA., 91748

STANLEY G. OSWALT ACADEMY
19501 SHADOW OAK DRIVE
WALNUT, CA 91789



SHEET INDEX

SHEET C0.0	- TITLE SHEET
SHEET C1.0	- GRADING PLAN
SHEET C1.1	- ENLARGED GRADING PLAN

PREPARED UNDER THE DIRECT SUPERVISION OF
Kurt M. Saxon
KURT M. SAXON PE RCE 44180 6/30/21

NOTICE TO CONTRACTOR:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING THE REQUIRED STORM WATER POLLUTION PREVENT PLAN FOR THE PROJECT IN ACCORDANCE WITH REGIONAL WATER QUALITY CONTROL STANDARDS.

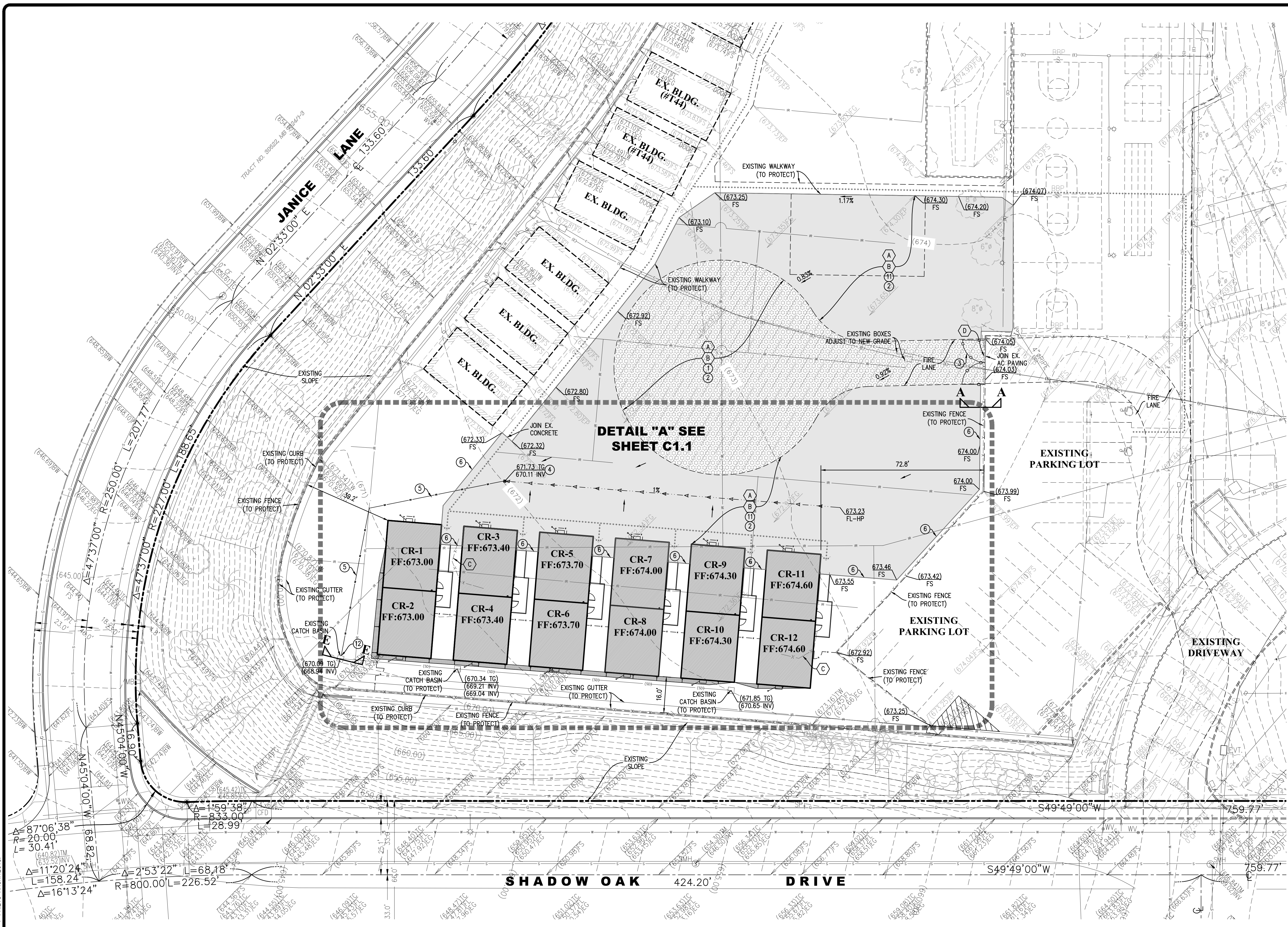
NOTICE TO CONTRACTOR:

CONSTRUCTION QUANTITIES SHOWN ON THESE PLANS ARE PROVIDED FOR THE CONTRACTOR'S REFERENCE ONLY. CONTRACTOR SHALL TAKE OFF THEIR OWN QUANTITIES FOR BIDDING PURPOSES. PAYMENT FOR ALL ITEMS WILL BE BASED UPON CONTRACTOR'S NUMBERS AND NOT THE QUANTITIES ON THESE PLANS.

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
FILE # 19 - 82
APP. # 03 - 119935
AC: _____ FLS: _____ SS: _____
DATE: _____

SHEET NO.
C0.0

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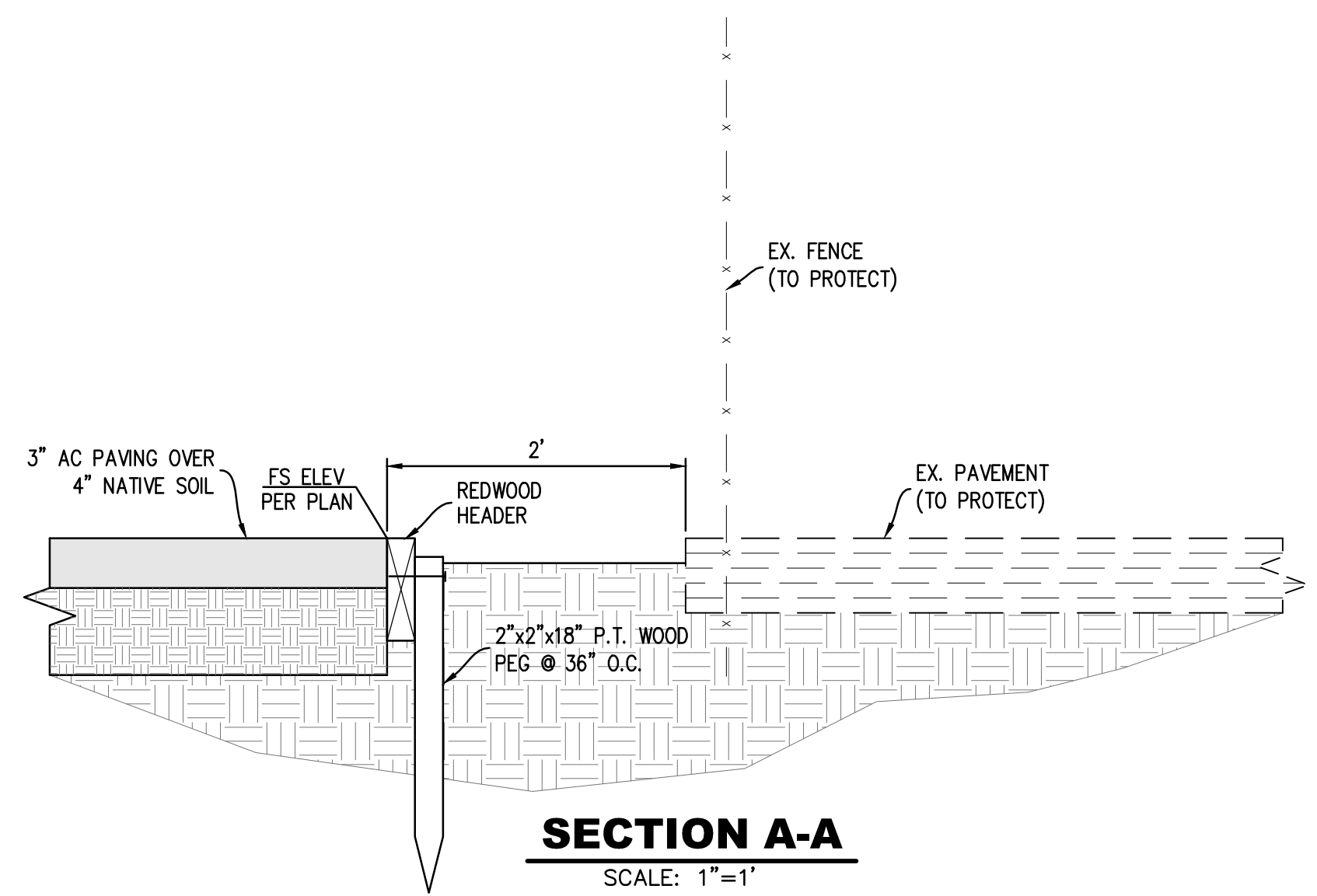
DEMOLITION NOTES

- (A) CLEAR AND DISPOSE OF EX. GRASS AND ROOTS IN WORK AREA.
- (B) MODIFY EX. IRRIGATION TO ACCOMMODATE NEW PAVING.
- (C) REMOVE AND DISPOSE OF EX. BACKSTOP.
- (D) REMOVE AND DISPOSE OF EX. FENCE.

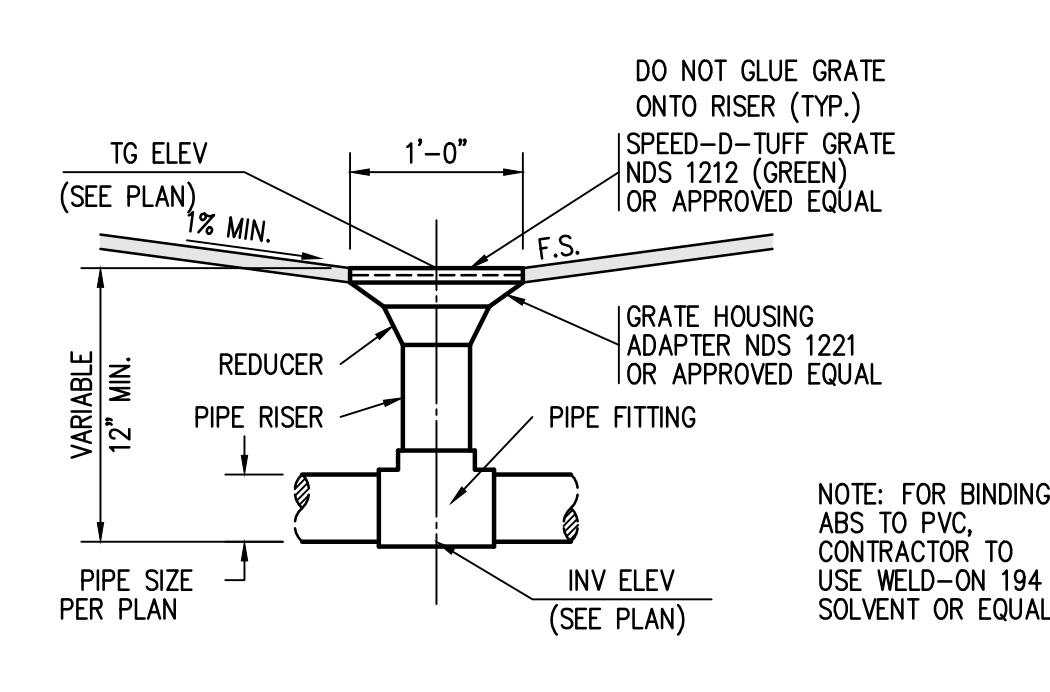
CONSTRUCTION NOTES

- (1) CONSTRUCT 4" AC PAVING OVER 7" CLASS II AGGREGATE BASE PLACED ON A MINIMUM OF 2- FEET OF COMPACTED SOIL PER SOILS REPORT RECOMMENDATION.
- (2) GRADE PAVING AREA TO FINISHED GRADES SHOWN. STOCKPILE SPOIL MATERIAL AT LOCATION SPECIFIED BY DISTRICT. CONTRACTOR RESPONSIBLE FOR EXPORTING ALL MATERIAL AND ANY PERMITS OR HAUL ROUTE PLANS REQUIRED BY THE LOCAL AGENCY.
- (3) INSTALL 20'-0" WIDE CHAINLINK GATES PER ARCHITECTURAL PLAN DETAIL 5 ON SHEET AS2.0.
- (4) INSTALL 12"x12" AREA DRAIN PER DETAIL 1 ON SHEET C1.0.
- (5) INSTALL 4" DIA. ADS N12 STORM DRAIN PIPE TO EXISTING STORM INLET PER DETAIL 3 ON SHEET C1.1.
- (6) INSTALL 2"x6" REDWOOD HEADER PER DETAIL 2 ON SHEET C1.0.
- (11) CONSTRUCT 3" AC PAVING OVER 4" NATIVE SOIL PER SOILS REPORT RECOMMENDATION.
- (12) CONNECT PROPOSED 4" DIA. SD PIPE TO EXISTING CATCH BASIN. SEE DETAIL 3 ON SHEET C1.1.

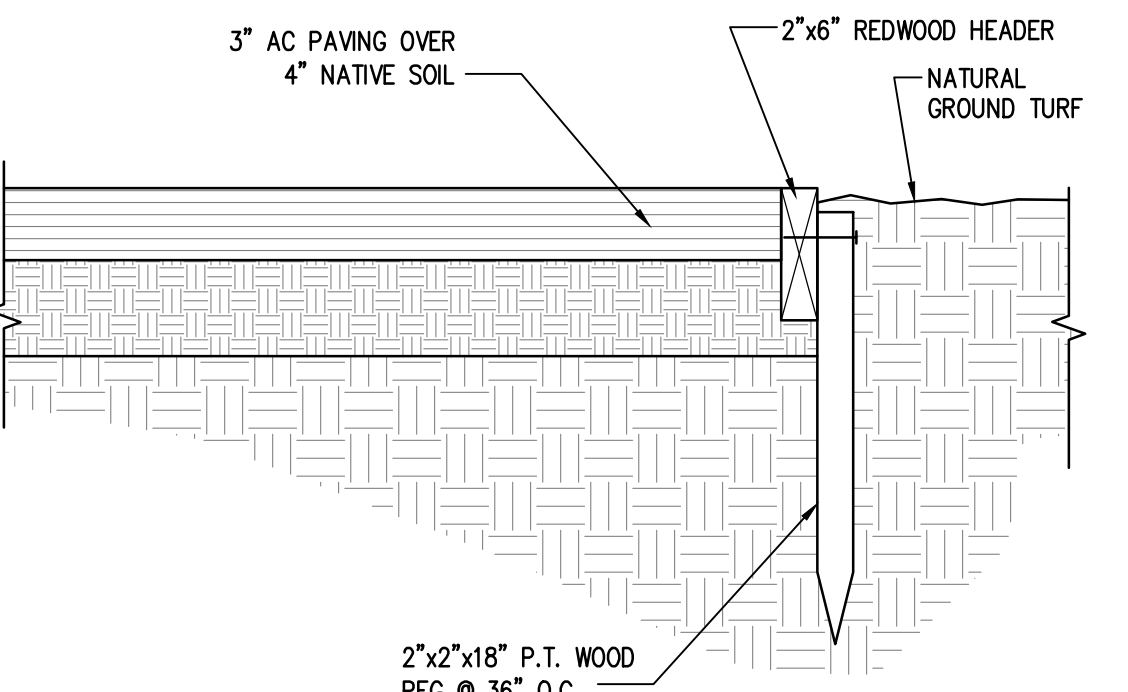
DETAIL "A" SEE SHEET C1.1



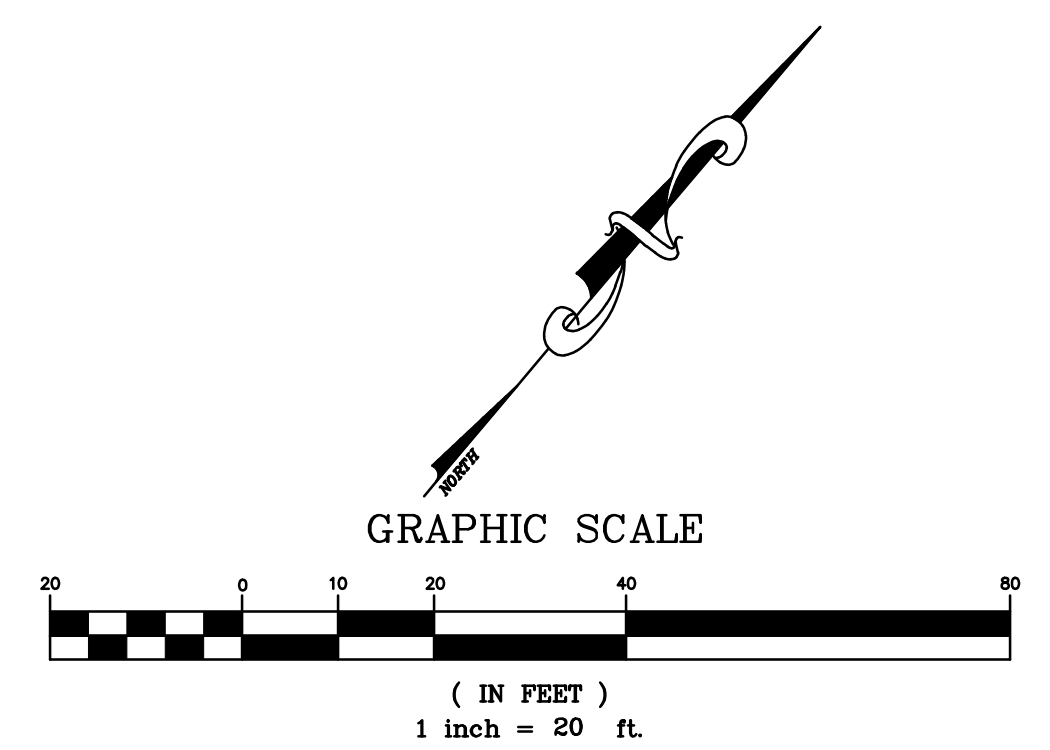
SECTION A-A
SCALE: 1"=1'



1 12"x12" AREA DRAIN DETAIL



2 2"x6" REDWOOD HEADER DETAIL



NO.	DATE	REVISION

DATE: 5/10/2019
 JOB NO.: 1424-141
 DRAWN BY: SC
 CHECKED BY: KMS

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ROWLAND UNIFIED SCHOOL DISTRICT
 1830 NOGALES STREET
 ROWLAND HEIGHTS, CA., 91748

STANLEY G. OSWALT ACADEMY
 19501 SHADOW OAK DRIVE
 WALNUT, CA 91789

REGISTERED ARCHITECT
 GEORGE F. PRIETO
 C-33216
 RENEWAL DATE
 NOV. 30, 2019
 STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
 KURT M. SAXON
 NO. 44180
 Exp. 6/30/21
 CIVIL
 STATE OF CALIFORNIA

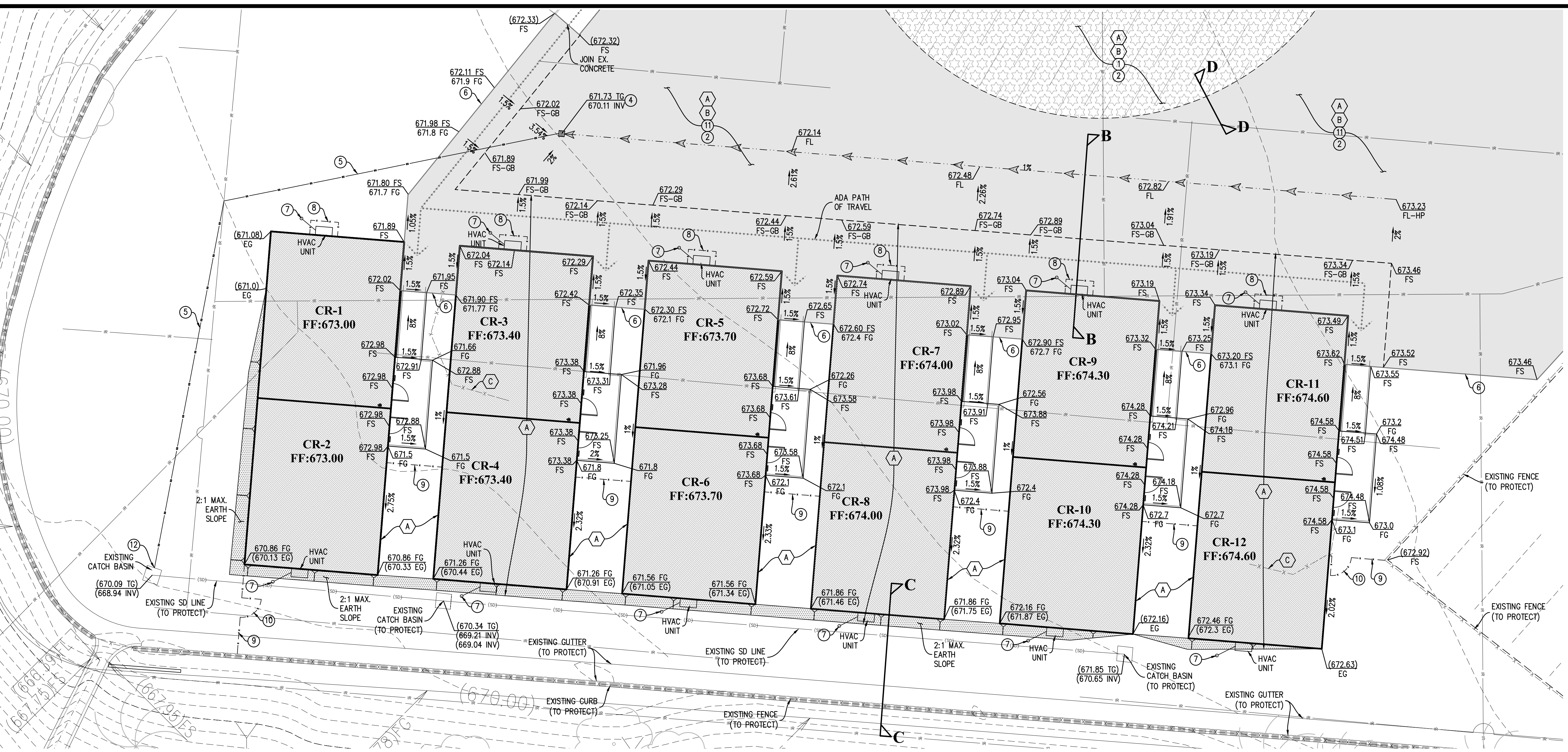
SAWYER ENGINEERING
 515 AVENUE 108 WEST, SUITE 100, BAKERSFIELD, CA 93311
 TEL: (805) 833-1111

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 FILE # 19 - 82
 APP. # 03 - 119935
 DATE

SHEET NO.
C1.0

PREPARED UNDER THE DIRECT SUPERVISION OF
Kurt M. Saxon
 KURT M. SAXON PE RCE 44180 6/30/21

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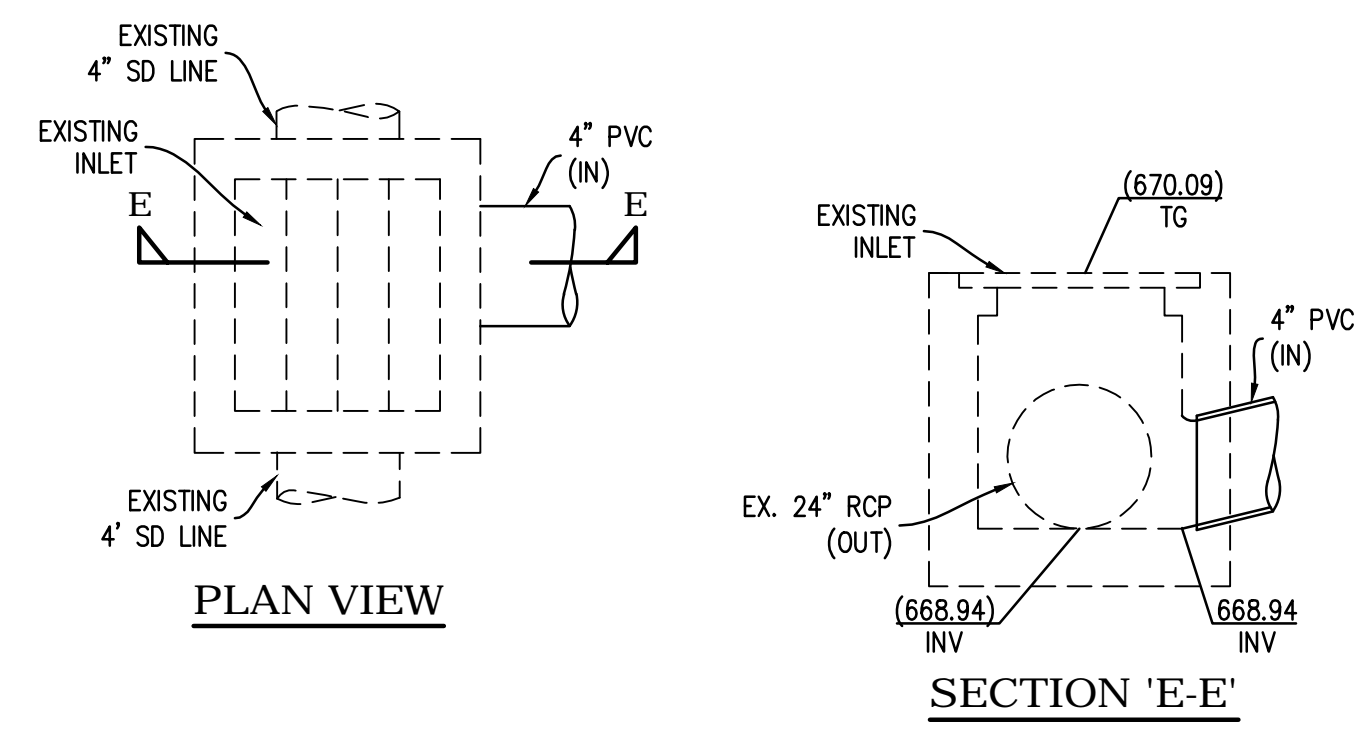
DEMOLITION NOTES

- (A) CLEAR AND DISPOSE OF EX. GRASS AND ROOTS IN WORK AREA.
- (B) MODIFY EX. IRRIGATION TO ACCOMMODATE NEW PAVING.
- (C) REMOVE AND DISPOSE OF EX. BACKSTOP.

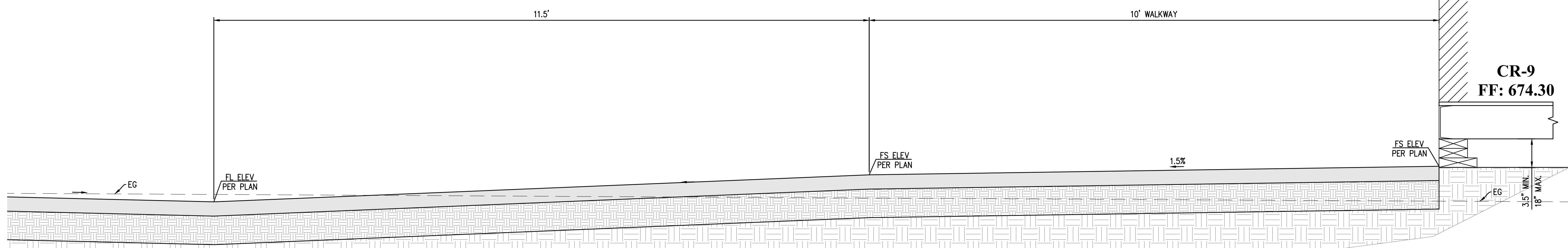
CONSTRUCTION NOTES

- (1) CONSTRUCT 4" AC PAVING OVER 7" CLASS II AGGREGATE BASE PLACED ON A MINIMUM OF 2'-FEET OF COMPACTED SOIL PER SOILS REPORT RECOMMENDATION.
- (2) GRADE PAVING AREA TO FINISHED GRADES SHOWN. STOCKPILE SPILL MATERIAL AT LOCATION SPECIFIED BY DISTRICT. CONTRACTOR RESPONSIBLE FOR EXPORTING ALL MATERIAL AND ANY PERMITS OR HAUL ROUTE PLANS REQUIRED BY THE LOCAL AGENCY.
- (4) INSTALL 12"x12" AREA DRAIN PER DETAIL 1 ON SHEET C1.0.
- (5) INSTALL 4" DIA. ADS N12 STORM DRAIN PIPE TO EXISTING STORM INLET PER DETAIL 3 ON SHEET C1.1.
- (6) INSTALL 2"x6" REDWOOD HEADER PER DETAIL 2 ON SHEET C1.0.
- (7) INSTALL DRYWELL PER ARCHITECTURAL PLAN DETAIL 17 ON SHEET AS2.0.
- (8) INSTALL 6" HIGH CHAIN LINK FENCE AROUND EACH HVAC UNIT PER ARCHITECTURAL PLAN DETAILS 4, 7, 11 AND 14 ON SHEET AS2.0.
- (9) INSTALL 6" HIGH CHAIN LINK FENCE WITH POSTS BETWEEN BUILDING UNITS PER ARCHITECTURAL PLAN DETAIL 6 ON SHEET AS2.0.
- (10) INSTALL 3'-6" x 6' HIGH CHAIN LINK GATE PER ARCHITECTURAL PLAN DETAIL 1 ON SHEET AS2.0.
- (11) CONSTRUCT 3" AC PAVING OVER 4" NATIVE SOIL PER SOILS REPORT RECOMMENDATION.
- (12) CONNECT PROPOSED 4" DIA. SD PIPE TO EXISTING CATCH BASIN. SEE DETAIL 3 ON SHEET C1.1.

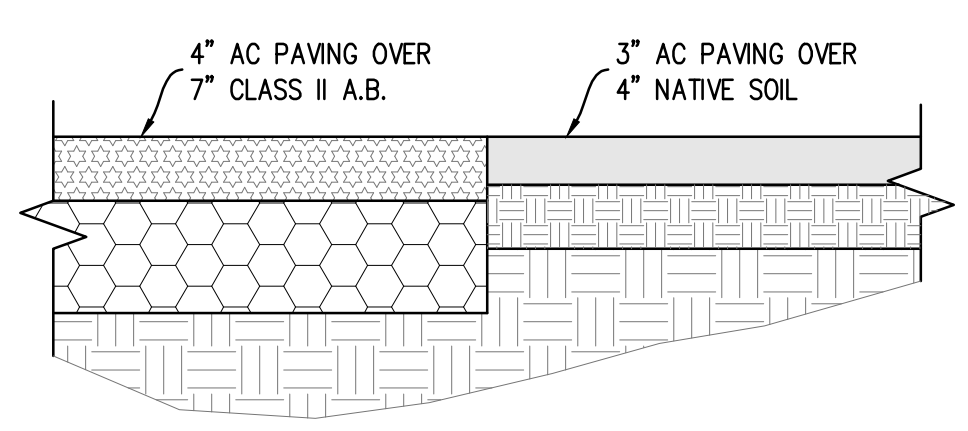
DETAIL "A"



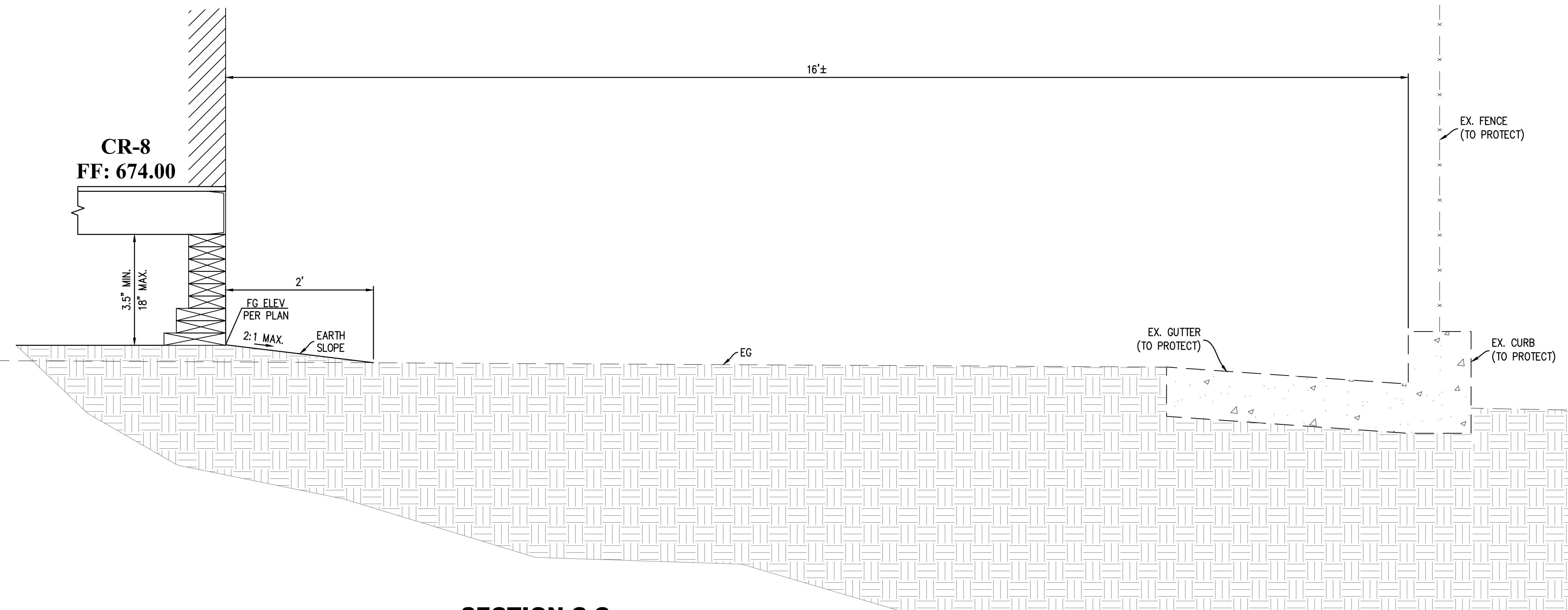
4" PVC PIPE TO EXISTING INLET CONNECTION DETAIL
NOT TO SCALE



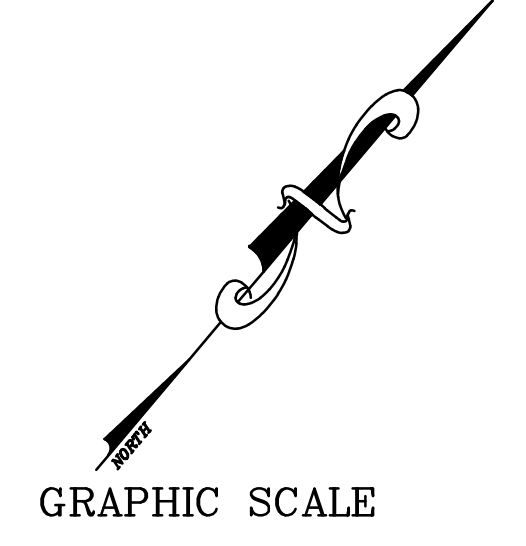
SECTION B-B
SCALE: 1"=1'



SECTION D-D
SCALE: 1"=1'



SECTION C-C
SCALE: 1"=1'



PREPARED UNDER THE DIRECT SUPERVISION OF
Kurt M. Saxon
 KURT M. SAXON PE RCE 44180 6/30/21

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ENLARGED GRADING PLAN

ROWLAND UNIFIED SCHOOL DISTRICT
 1830 NOGALES STREET
 ROWLAND HEIGHTS, CA., 91748

STANLEY G. OSWALT ACADEMY
 19501 SHADOW OAK DRIVE
 WALNUT, CA 91789

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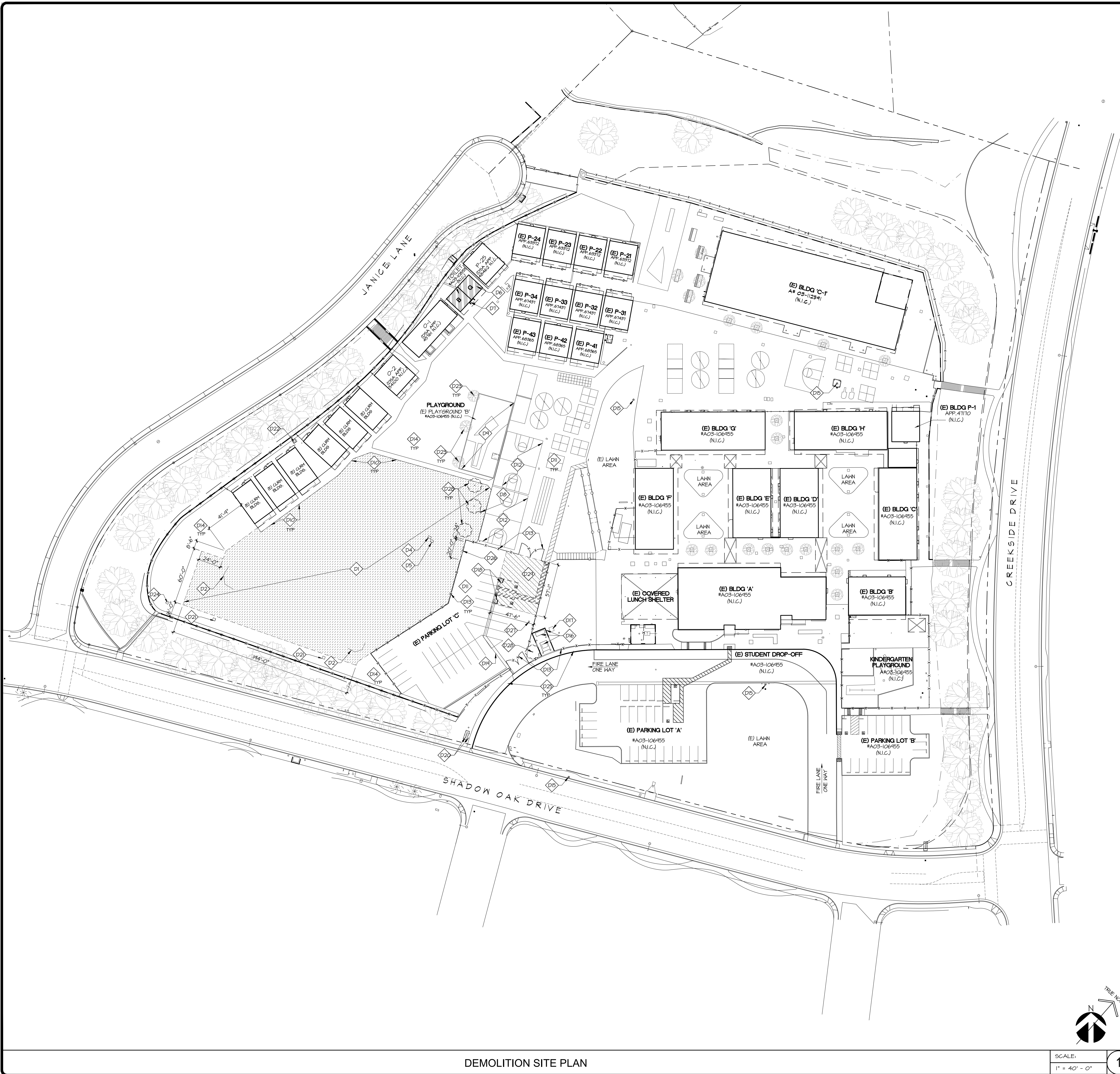
REGISTERED PROFESSIONAL ENGINEER
 KURT M. SAXON
 NO. 44180
 Exp. 6/30/21
 CIVIL
 STATE OF CALIFORNIA

saxonengineering
 SLAVEN, KENNEDY, HERRINGTON, REEDER, LEE, INC.
 2000 HUNTERBERRY DRIVE, SUITE A, OCEANVIEW, CA 90758
 TEL: 562-440-1100

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 FILE # 19 - 82
 APP. # 03 - 119935
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- ### SITE KEYNOTES
- (D1) (E) LANDSCAPING AREA / IRRIGATION LINES TO BE REMOVED. PREPARE AREA FOR EXCAVATION. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
 - (D2) REMOVE (E) CHAIN LINK BACK STOPS INCLUDING FOOTINGS.
 - (D3) NOT USED
 - (D4) REMOVE SIGNAL PULL BOX, RELOCATE PER ELECTRICAL DRAWINGS.
 - (D5) REMOVE ELECTRIC PULL BOX, RELOCATE PER ELECTRICAL DRAWINGS.
 - (D6) (E) ACCESSIBLE RESTROOMS BLDG. A03-106455, REFER TO ALL FOR REQUIRED MODIFICATIONS.
 - (D7) (E) DRINKING FOUNTAIN, #03-112541, PROTECT.
 - (D8) (E) SITE LIGHT POLE AND BASE, PROTECT IN PLACE.
 - (D9) (E) PLAY GROUND EQUIPMENT, PROTECT.
 - (D10) (E) CONCRETE PAVING, PROTECT, PATCH / REPAIR DAMAGED PAVING TO MATCH (E) AT NO ADDITIONAL COST TO DISTRICT.
 - (D11) (E) A.C. PAVING, PROTECT, PATCH / REPAIR DAMAGED PAVING TO MATCH (E) AT NO ADDITIONAL COST TO DISTRICT.
 - (D12) (E) BASKETBALL COURTS STRIPING PROTECT. RE-STRIPE DAMAGED AREAS TO MATCH EXISTING.
 - (D13) (E) CHAIN-LINK FENCE / GATE, PROTECT.
 - (D14) (E) TURF / LANDSCAPING / IRRIGATION SPRINKLERS HEADS, PROTECT, PATCH / REPAIR DAMAGED AREAS TO MATCH (E) TURF AT NO ADDITIONAL COST TO DISTRICT.
 - (D15) (E) FIRE HYDRANT TO REMAIN, PROTECT.
 - (D16) (E) ELECTRICAL ENCLOSURE, 8'-0" HEIGHT CMU WALL, METAL GATES, PROTECT.
 - (D17) (E) ELECTRICAL VAULT, PROTECT.
 - (D18) (E) SIGN POST, PROTECT.
 - (D19) (E) 3' WIDE CONCRETE GUTTER, PROTECT.
 - (D20) (E) DOUBLE DETECTOR CHECK ASSEMBLY ON CONCRETE PAD, GUARD POST, PROTECT.
 - (D21) (E) CATCH BASIN, CLEAN OUT DEBRIS, PROTECT, REFER TO C.I.I. FOR ADDITIONAL INFORMATION.
 - (D22) (E) ELECTRICAL SWITCHGEAR, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - (D23) (E) TREES TO REMAIN, PROTECT.
 - (D24) (E) CATCH BASIN, PROTECT IN PLACE AND CONNECT TO NEH LINE PER CIVIL DRAWINGS.
 - (D25) (E) CONCRETE WALKWAY, PROTECT.
 - (D26) (E) CHAIN-LINK FENCE MODIFY FOR (N) 20' FIRE TRUCK ACCESS GATE. SEE DET. 5/A52.0
 - (D27) (E) FLUSH F.A. FULL BOX, PROTECT.
 - (D28) REMOVE TREES IN THEIR ENTIRETY INCLUDING ROOT SYSTEM.
 - (D29) REMOVE DEBRIS, AND PREP EXISTING PARKING SURFACE FOR NEH SLURRY SEAL.

- ### GENERAL NOTES
1. REFER TO CIVIL DRAWINGS FOR FLOOR / PAVING ELEVATIONS, GRADING AND PAVING AREAS.
 2. FOR TYPICAL DEMOLITION NOTES, REFER TO SHEET T.2 AND SPECS.
 3. CONCRETE PAVING / CONCRETE FINISHES ALONG ACCESS ROUTE OF TRAVEL SHALL BE STABLE, FIRM AND SLIP RESISTANT.
 4. ALTER IRRIGATION SYSTEM WHERE OCCURS AS REQUIRED FOR A COMPLETE OPERATIONAL SYSTEM. AREA INDICATED IS APPROXIMATE COORDINATE WITH CIVIL DRAWINGS.
 5. ALL DIMENSIONS SHOWN ON THIS SHEET ARE EXISTING UNO, VERIFY IN FIELD.
 6. EXTENT OF SAN-GIT, TRENCHING AND REMOVAL SHOWN HEREIN IS DIAGRAMMATIC. CONTRACTOR SHALL COORDINATE ACTUAL EXTENT OF SAN-GIT AND REMOVAL AS REQUIRED FOR ELECTRICAL AND CIVIL WORK.
 7. DEMOLISH AND REMOVE EXISTING ITEMS, MATERIALS AND FINISHES AS REQUIRED AND NECESSARY FOR THE WORK. REFER TO CIVIL ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 8. PREPARE AREA WITHIN AREA OF DEMOLITION SCOPE TO RECEIVE CONSTRUCTION.
 9. PROTECT IN PLACE ALL STRUCTURES TO REMAIN. DAMAGE TO ANY OF THESE REMAINING STRUCTURES DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE DISTRICT.
 10. WHERE EXISTING UTILITIES LINES ARE REMOVED AND NO LONGER RE-USED CAP AND SEAL AT AN UNDERGROUND LOCATION 5 FT BEYOND AREA OF IMPROVEMENT.
 11. PROVIDE TEMPORARY 6' HIGH CHAINLINK FENCING WITH VISION BARRIER AT CONSTRUCTION SITE. PROVIDE PROTECTED PASSAGE WAY FROM ADJACENT BUILDINGS AS REQUIRED.

LEGEND

---	PROPERTY LINE.	(X)	CONSTRUCTION KEYNOTES.
-x-x-x-x-	(E) FENCING, PROTECT.	B / G	BOYS OR GIRLS TOILET ROOMS.
-o-o-o-o-	(E) FENCING, TO BE REMOVED.	(T)	TREES TO REMAIN.
---	(E) RETAINING WALL, PROTECT.	(T)	TREES TO BE REMOVED IN THEIR ENTIRETY INCLUDING ROOT SYSTEM.
[]	(E) BUILDINGS, PROTECT.		
[]	(E) ACCESSIBLE RESTROOMS, PROTECT.		
[]	AREA OF DEMOLITION.		
[]	AREA OF PREPARATION FOR NEW SLURRY SEAL.		

NO.	DATE	REVISION

DATE: 9/13/2019
 JOB NO.: 150703
 DRAWN BY: JH, RG
 CHECKED BY: JFP

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 GEORGE F. PRIETO
 C-33216
 RENEWAL DATE NOV. 30, 2019
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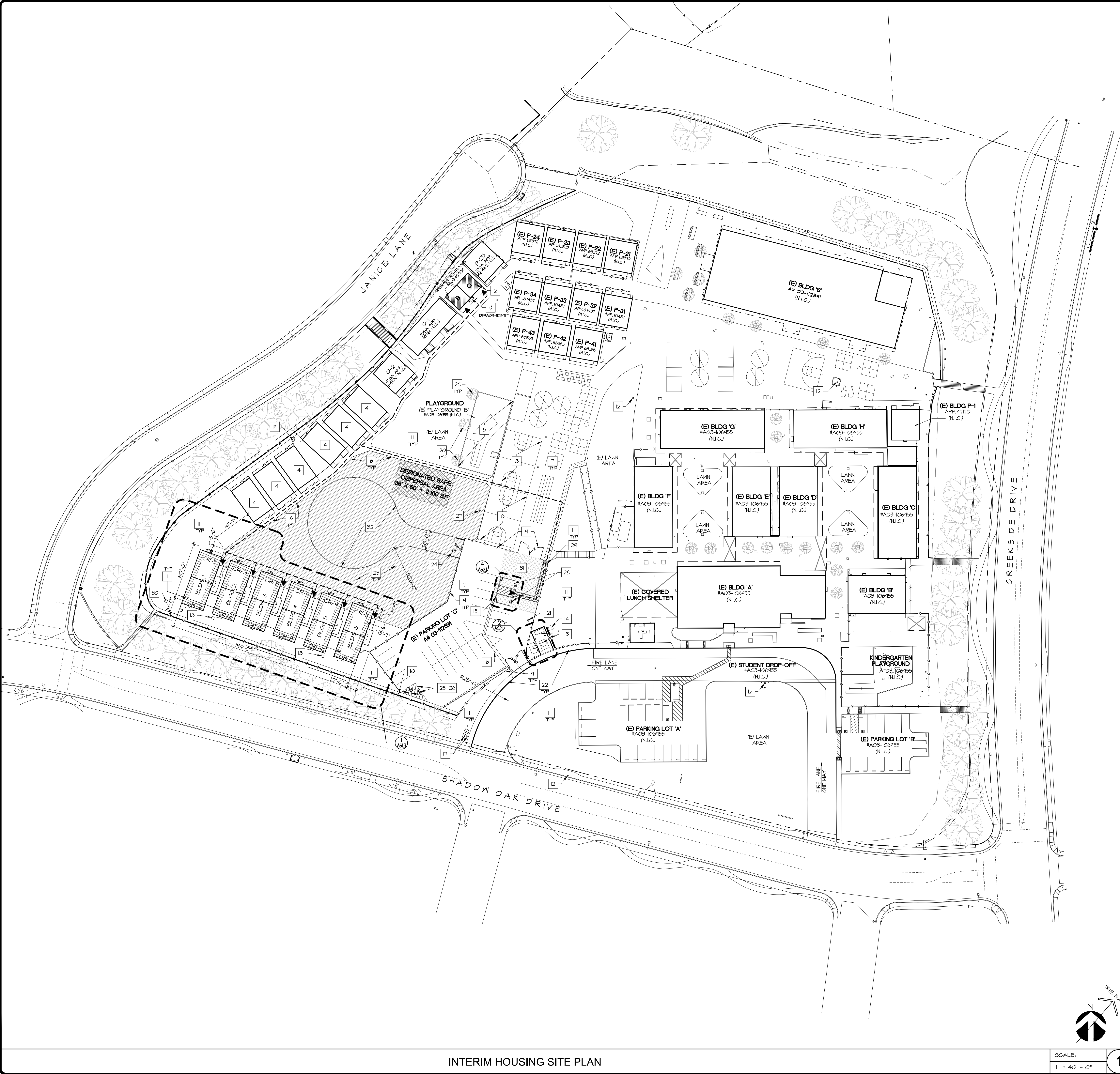
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 APP. # 03 - 119935
 AC: _____
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DEMOLITION SITE PLAN

SCALE:
 1" = 40' - 0"

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SITE KEYNOTES

- 1 24' X 60' INTERIM RELOCATABLE CLASSROOM BUILDING WITH LANDING AND RAMPS, REFER TO CIVIL, ELECTRICAL & MANUFACTURE DRAWINGS FOR ADDITIONAL INFORMATION (INSTALL BY BUILDING MANUFACTURE VENDOR)
- 2 (E) ACCESSIBLE RESTROOMS BLDG. #A 03-106455, REFER TO A.I. FOR REQUIRED CODE MODIFICATIONS (BUILDING FIRE ALARM IS FULLY AUTOMATIC).
- 3 (E) DRINKING FOUNTAIN #112541, PROTECT.
- 4 (E) TEMPORARY PORTABLE CLASSROOM BUILDINGS.
- 5 (E) PLAY GROUND EQUIPMENT, PROTECT.
- 6 (E) CONCRETE PAVING, PROTECT, PATCH / REPAIR DAMAGED PAVING TO MATCH (E) AT NO ADDITIONAL COST TO DISTRICT.
- 7 (E) A.C. PAVING, PROTECT, PATCH / REPAIR DAMAGED PAVING TO MATCH (E) AT NO ADDITIONAL COST TO DISTRICT.
- 8 (E) BASKETBALL COURTS STRIPING PROTECT, RE-STRIPE DAMAGED AREAS TO MATCH EXISTING.
- 9 (E) CHAIN-LINK FENCE / GATE WITH KNOX BOX, PROTECT.
- 10 (E) 4' WIDE CHAIN-LINK GATE, FOR FIRE DEPARTMENT ACCESS.
- 11 (E) TURF / LANDSCAPING / IRRIGATION SPRINKLERS HEADS, PROTECT, PATCH / REPAIR DAMAGED AREAS TO MATCH (E) AT NO ADDITIONAL COST TO DISTRICT.
- 12 (E) FIRE HYDRANT TO REMAIN, PROTECT.
- 13 (E) ELECTRICAL ENCLOSURE, 8'-0" HEIGHT CMU WALL, METAL GATES, PROTECT.
- 14 (E) ELECTRICAL VAULT, PROTECT.
- 15 (E) SIGN POST, A#03-112541, REFER TO DETAIL (3) (2021)
- 16 (E) 3" WIDE CONCRETE GUTTER, PROTECT.
- 17 (E) DOUBLE DETECTOR CHECK ASSEMBLY ON CONCRETE PAD, GUARD POST, PROTECT.
- 18 (E) CATCH BASIN, CLEAN OUT DEBRIS, PROTECT.
- 19 (E) ELECTRICAL SWITCHGEAR, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 20 (E) TREES TO REMAIN, PROTECT.
- 21 (E) ELECTRICAL PULL BOX, PROTECT.
- 22 (E) CONCRETE WALKWAY, PROTECT.
- 23 A.C. PAVING, REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
- 24 20' WIDE CHAIN-LINK GATE FOR EMERGENCY VEHICLE USE ONLY, WITH KNOX PADLOCK, REFER TO DETAIL (5) (2021)
- 25 12" HIGH "NO PARKING" BLOCK LETTERS (3" WIDE) PAINTED WITH WHITE TRAFFIC PAINT.
- 26 4" WIDE STRIPING, PAINT (2) COATS TRAFFIC BEARING WHITE (TYP.)
- 27 (E) LIGHT FIXTURE, POST AND FOOTING TO REMAIN, PROTECT IN PLACE.
- 28 ACCESSIBLE PARKING STALLS PER A# 03-112541, REFER TO DETAIL (4) (2021)
- 29 4'-0" LONG X 3'-0" WIDE DETECTABLE HARRING, FEDERAL COLOR YELLOW, SET ON CONCRETE.
- 30 (E) CATCH BASIN, CONNECT TO NEW LINE PER CIVIL DRAWINGS.
- 31 PROVIDE NEW SLURRY SEAL, RE-SLOPE, AND RE-STRIPE ADA STALLS AND P.O.T. CROSSWALK.
- 32 4" WIDE STRIPING AT FIRE TRUCK TURN AROUND.

PATH OF TRAVEL NOTE

ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLANS IS A BARRIER-FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/4" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 2" MAX. AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE FIRM AND SLIP RESISTANT. GROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM, AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM THE WALL AND ABOVE 27" AND LESS THAN 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

AOR STATEMENT

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: BARRIER FREE PATH OF TRAVEL. THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NON-COMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NON-COMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NON-COMPLYING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

INTERIM BUILDING ANALYSIS

BUILDING-1 THRU BUILDING-6	
1. OCCUPANCY:	E (SEC 305.1 & 305.2)
2. NUMBER OF STORIES:	1
3. TYPE OF CONSTRUCTION:	V-B
4. BUILDING HEIGHT:	12'-0"
5. ALLOWABLE AREA:	9500 SF TABLE 503
6. ACTUAL AREA:	(6) x (24x60) = 8640 SF (OK)

BUILDINGS ARE WITHIN THE ALLOWABLE AREA

LEGEND

--- PROPERTY LINE.	▼ ACCESSIBLE ENTRANCE AND/OR EXIT.
--- FENCING.	⊠ CONSTRUCTION KEYNOTES.
-x-x-x-x- (E) FENCING, PROTECT.	B/O BOYS OR GIRLS TOILET ROOMS.
--- (E) RETAINING WALL, PROTECT.	ASPHALT PAVING, SEE CIVIL DMS FOR DEMOLITION PLAN.
--- PATH OF TRAVEL.	SAFE DISPERSAL AREA.
□ (E) BUILDINGS, PROTECT.	FIRE DEPARTMENT ACCESS ROAD.
▨ (E) ACCESSIBLE RESTROOMS, PROTECT.	ASPHALT, SLURRY SEAL.
▨ INTERIM RELOCATABLE CLASSROOM BUILDING.	

△	ISSUE FOR BID	
△		
△		
△		
NO.	DATE	REVISION

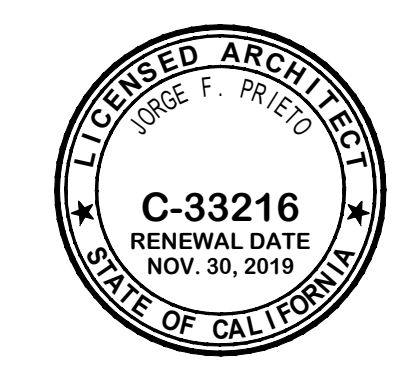
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INTERIM HOUSING SITE PLAN

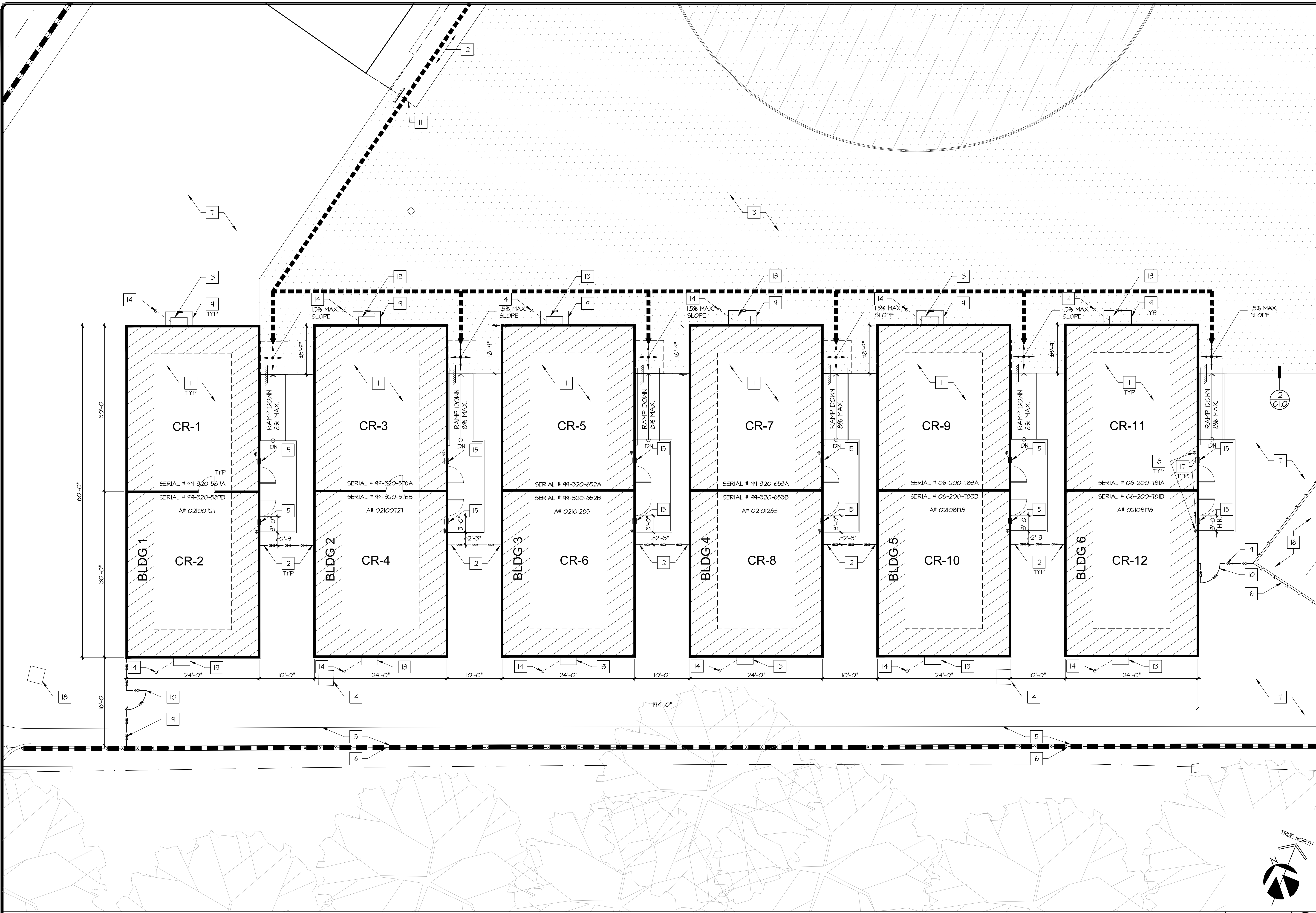
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ENLARGED SITE PLAN

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

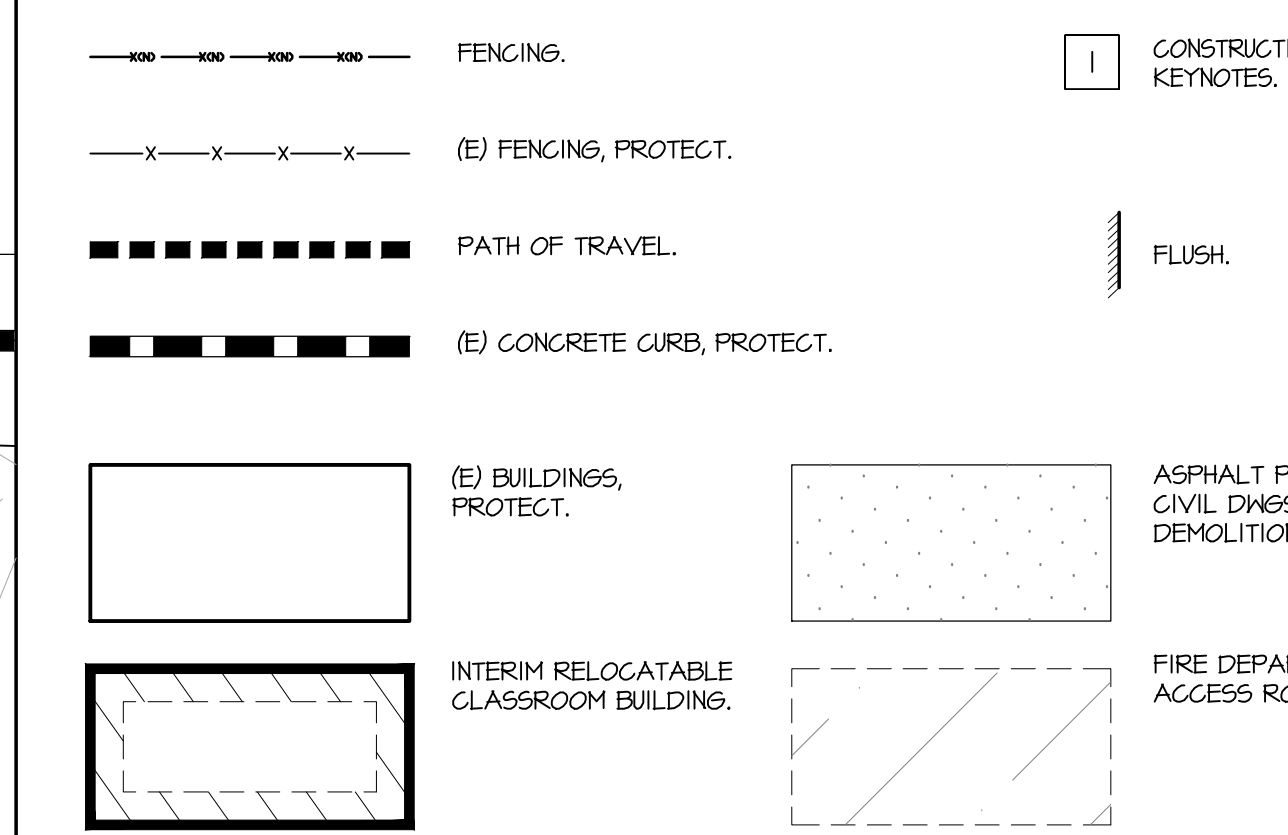
FLOOR PLAN KEYNOTES

- 1 24' X 60' INTERIM RELOCATABLE CLASSROOM BUILDINGS WITH LANDING AND RAMPS, REFER TO CIVIL, ELECTRICAL & MANUFACTURE DRAWINGS FOR ADDITIONAL INFORMATION. (INSTALL BY BUILDING MANUFACTURE VENDOR)
- 2 6' H. CHAIN-LINK FENCE INFILL BETWEEN PORTABLE BUILDINGS - REFER TO DETAIL: (A520)
- 3 A.G. PAVING, REFER TO CIVIL DRAWINGS
- 4 (E) CATCH BASIN, CLEAN OUT DEBRIS, REFER TO C/I FOR ADDITIONAL INFORMATION.
- 5 (E) CONCRETE GUTTER, PROTECT.
- 6 (E) CHAIN-LINK FENCE ON CONCRETE CURB, PROTECT.
- 7 (E) TURF / LANDSCAPING / IRRIGATION SPRINKLERS HEADS, PROTECT. PATCH / REPAIR DAMAGED AREAS TO MATCH (E) TURF AT NO ADDITIONAL COST TO DISTRICT.
- 8 FIRE EXTINGUISHER, REFER TO MANUFACTURES DRAWINGS FOR ADDITIONAL INFORMATION.
- 9 6' H. CHAIN LINK FENCE, REFER TO DETAIL: (A520)
- 10 SINGLE 3'-6" X 6' H CHAIN-LINK GATE, REFER TO DETAIL: (A520)
- 11 FLUSH TRANSITION AT (E) PAVING, SANKUT AS NEEDED.
- 12 (E) CONCRETE WALKWAY, PROTECT.
- 13 WALL MOUNTED HVAC UNIT, REFER TO MODULAR MANUFACTURER, & ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 14 CONDENSATE LINE / DRYWELL, REFER TO DETAIL: (A520)
- 15 ROOM IDENTIFICATION SIGN, REFER TO DETAIL: (A520)
- 16 (E) A.G. PAVING, PROTECT.
- 17 TACTILE "EXIT RAMP DOWN" SIGN, REFER TO DETAIL: (A520)
- 18 (E) CATCH BASIN, CONNECT TO NEW LINE PER CIVIL DRAWINGS.

GENERAL NOTES

- 1. REFER TO CIVIL DRAWINGS FOR ADDITIONAL GRADING, DEMOLITION AND PAVING INFORMATION.
- 2. WHEREVER EXISTING PAVING ADJOINS NEW PAVING, IT SHALL BE SANKUT FOR A STRAIGHT AND LEVEL TRANSITION, APPLY FULL TACKCOAT.
- 3. PATH OF TRAVEL (P.O.T.) AS INDICATED IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL AND AT LEAST 48" WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM AND SMOOTH. CROSS-SLOPE DOES NOT EXCEED 2% AND SLOPE IN DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. (P.O.T.) SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 20" MINIMUM (11B-307.4) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 20" (11B-307.2). ARCHITECT TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT, AND PATH OF TRAVEL COMPLIES WITH CBC CHAPTER 11B.
- 5. REMOVE / REROUTE IRRIGATION SYSTEM AT GRASS / LANDSCAPING AREA AS REQUIRED.
- 6. SITE PLAN DRAWINGS WERE PREPARED FROM DISTRICT RECORD DOCUMENTS, VISUAL OBSERVATIONS WHERE FEASIBLE ARE INCLUDED IN THESE DOCUMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. THESE DRAWINGS ARE CONCEPTUAL.
- 7. DURING CONSTRUCTION PROVIDE TEMPORARY 6' HIGH CHAIN-LINK FENCING W/ SCREEN AROUND WORK AREA.

LEGEND



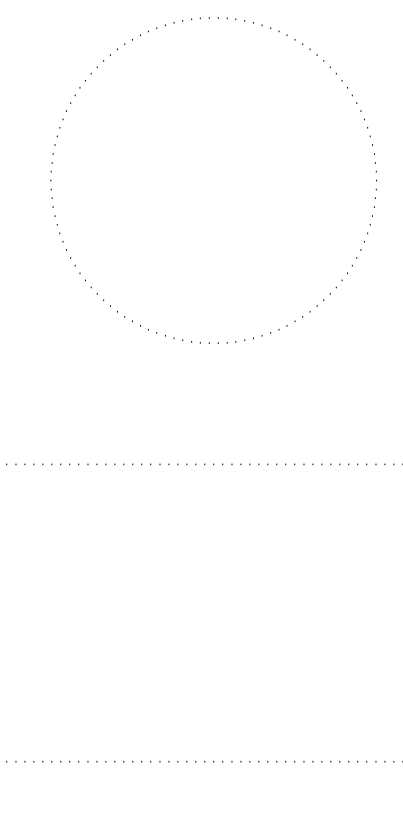
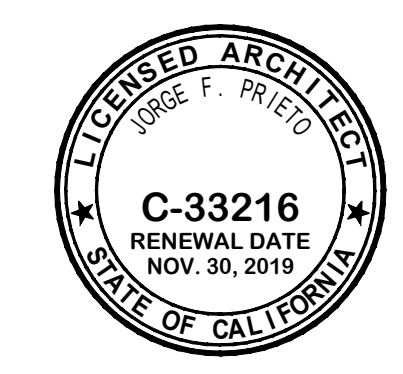
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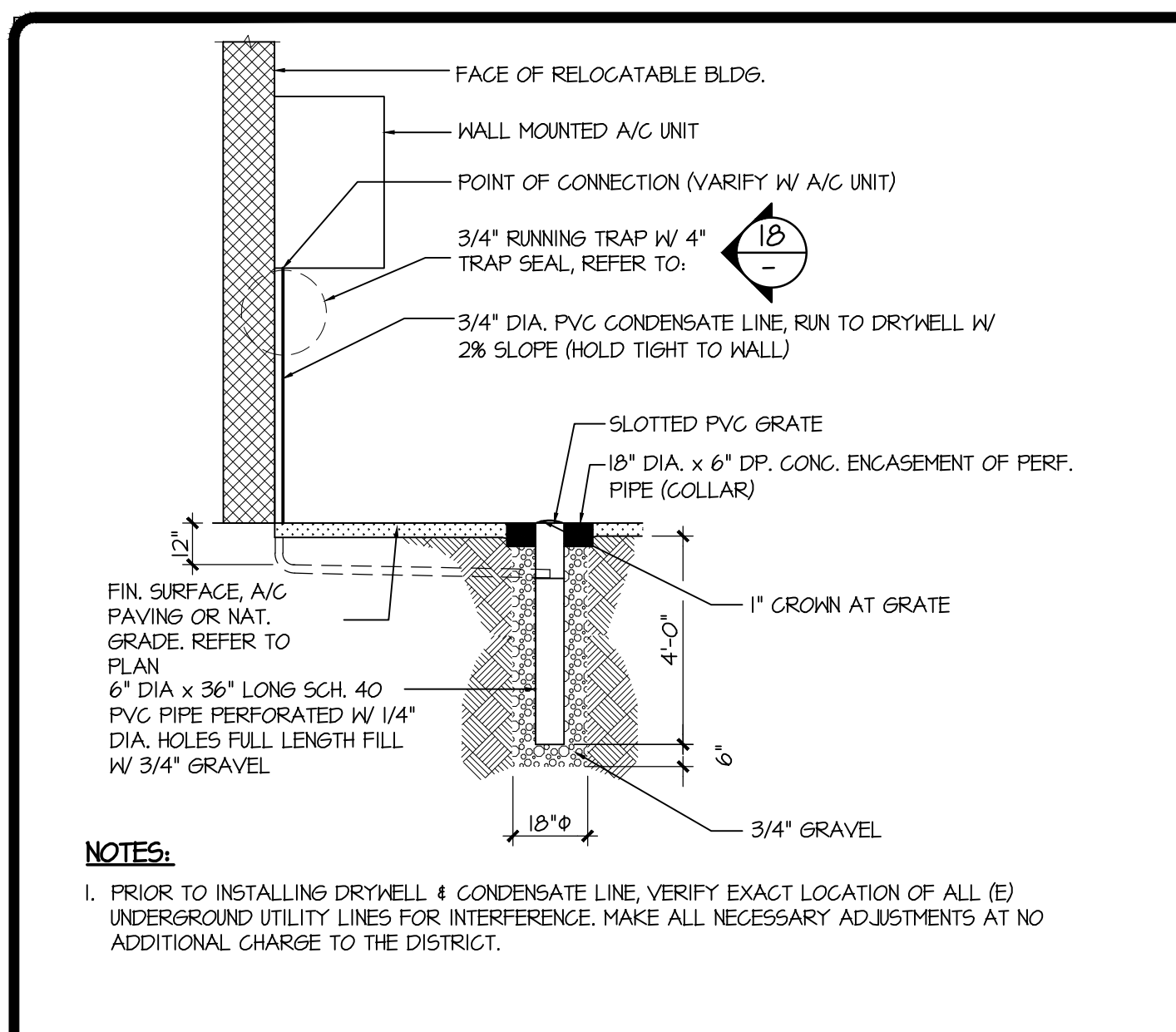
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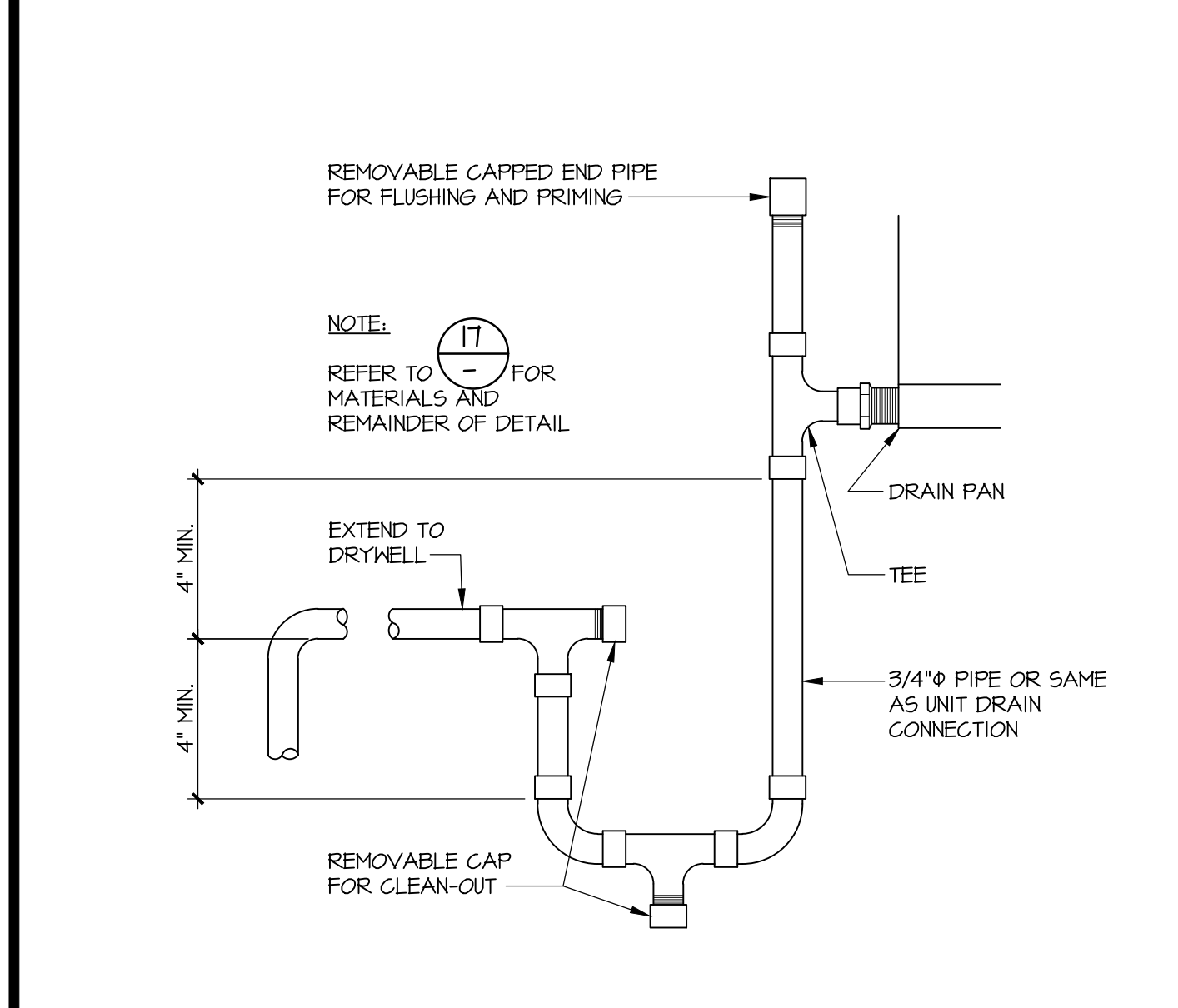
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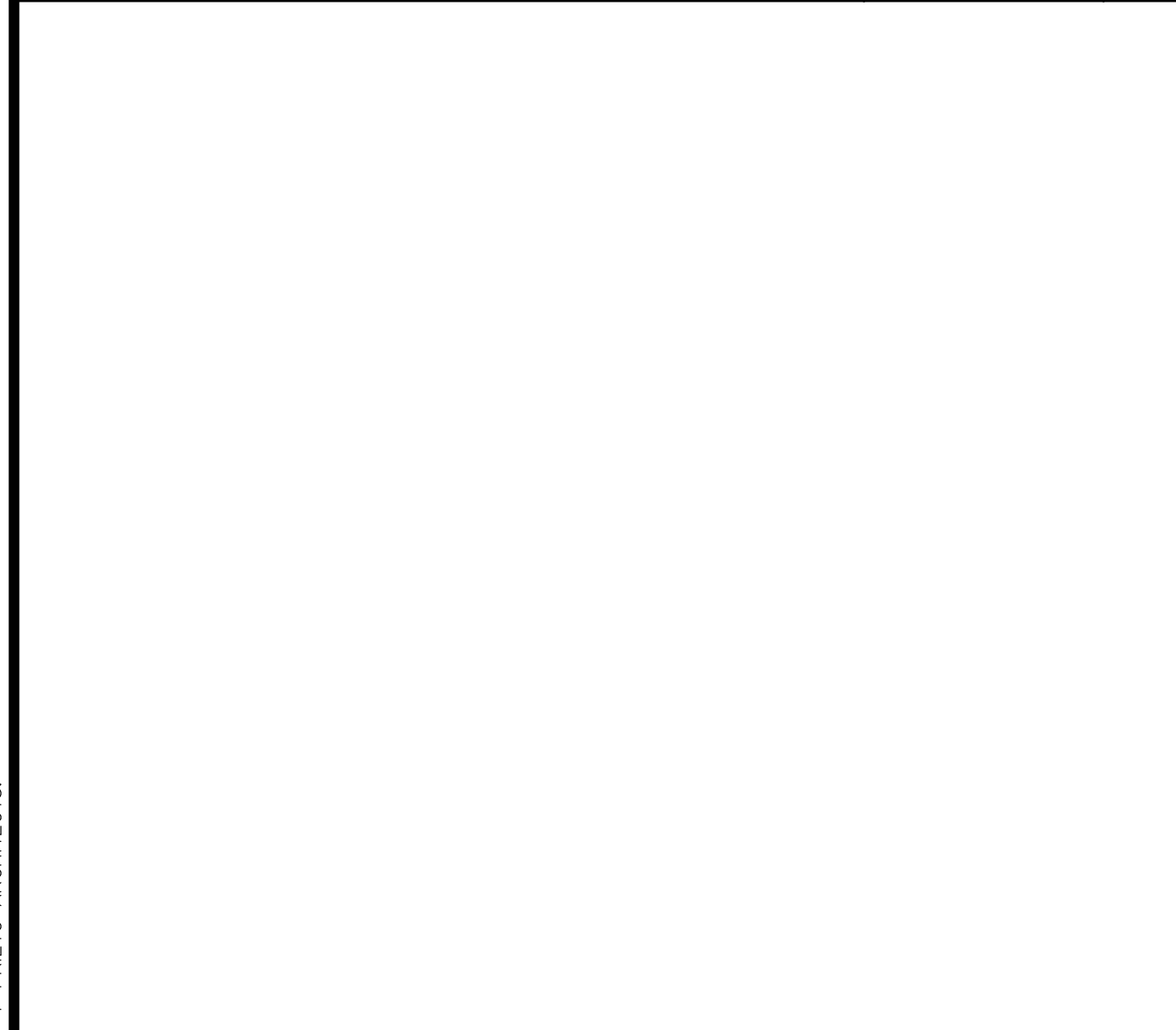
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CONDENSATE DRAIN TRAP SCALE: 3" = 1'-0" **17**



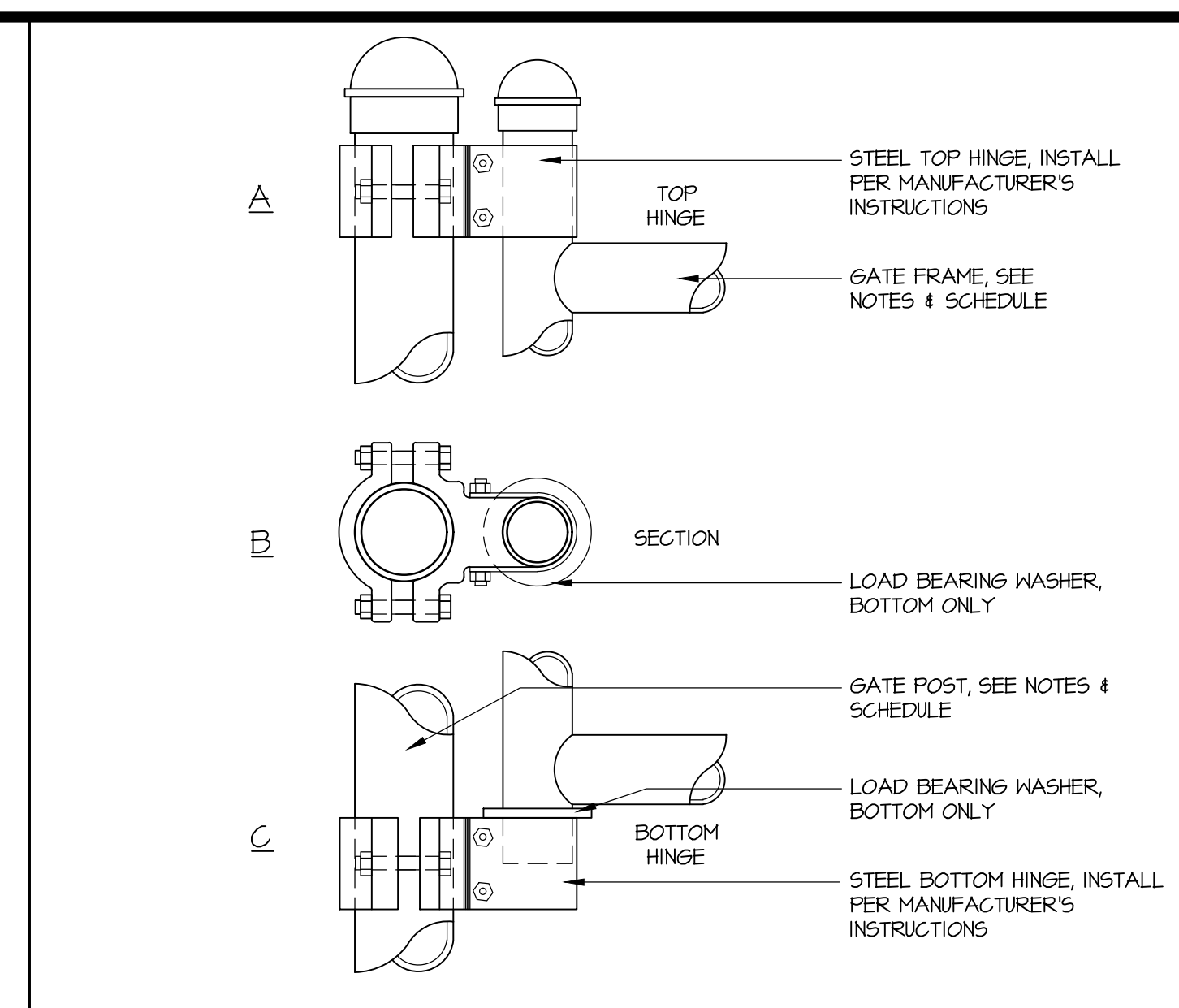
GATE HINGE DETAIL (U.N.O.) SCALE: N.T.S. **13**



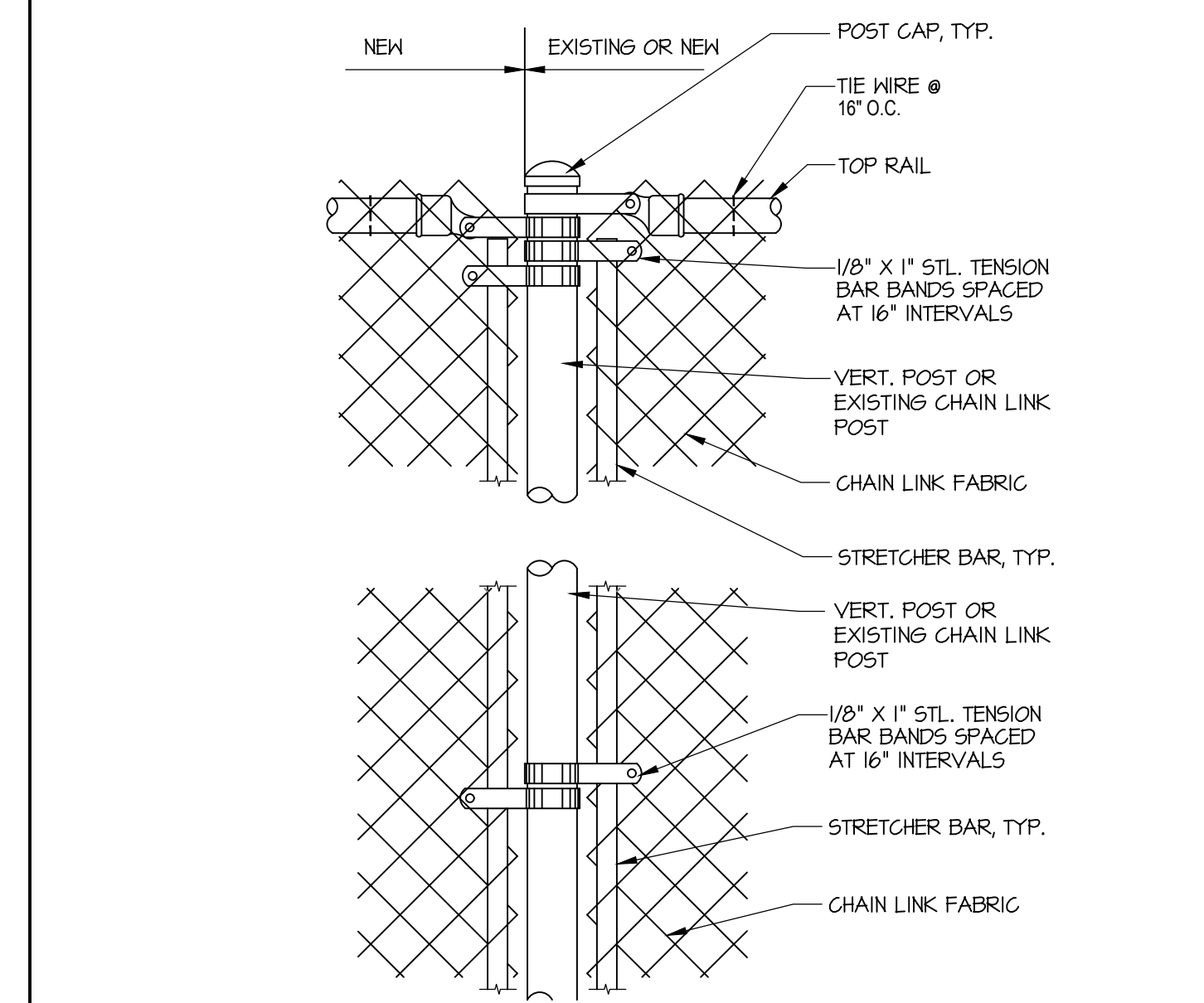
CHAIN LINK FENCE DOUBLE GATE (FOR VEHICLE USE ONLY) SCALE: 3/8" = 1'-0" **5**



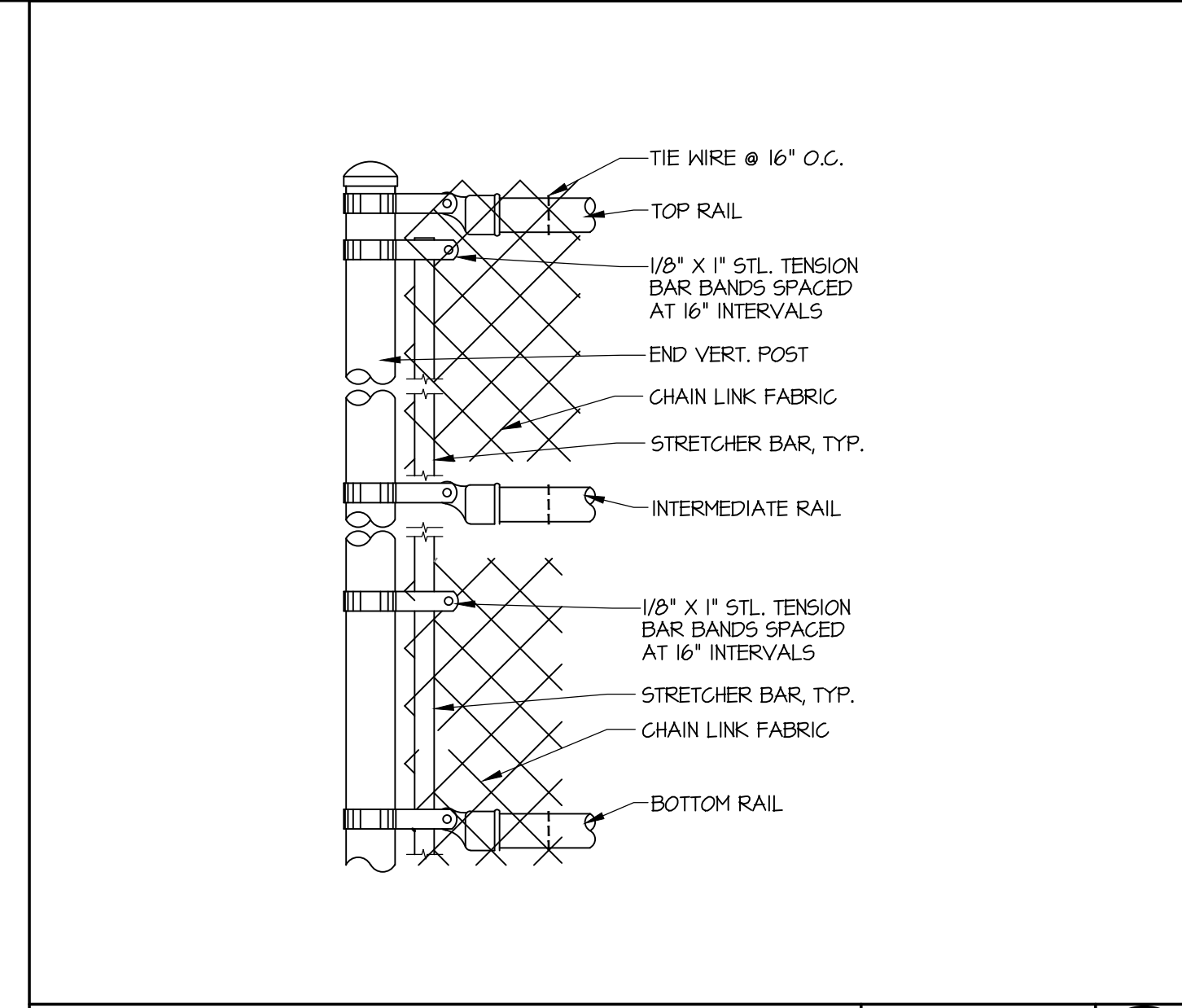
CHAIN LINK GATE @ MAINTENANCE AREAS SCALE: 1/2" = 1'-0" **1**



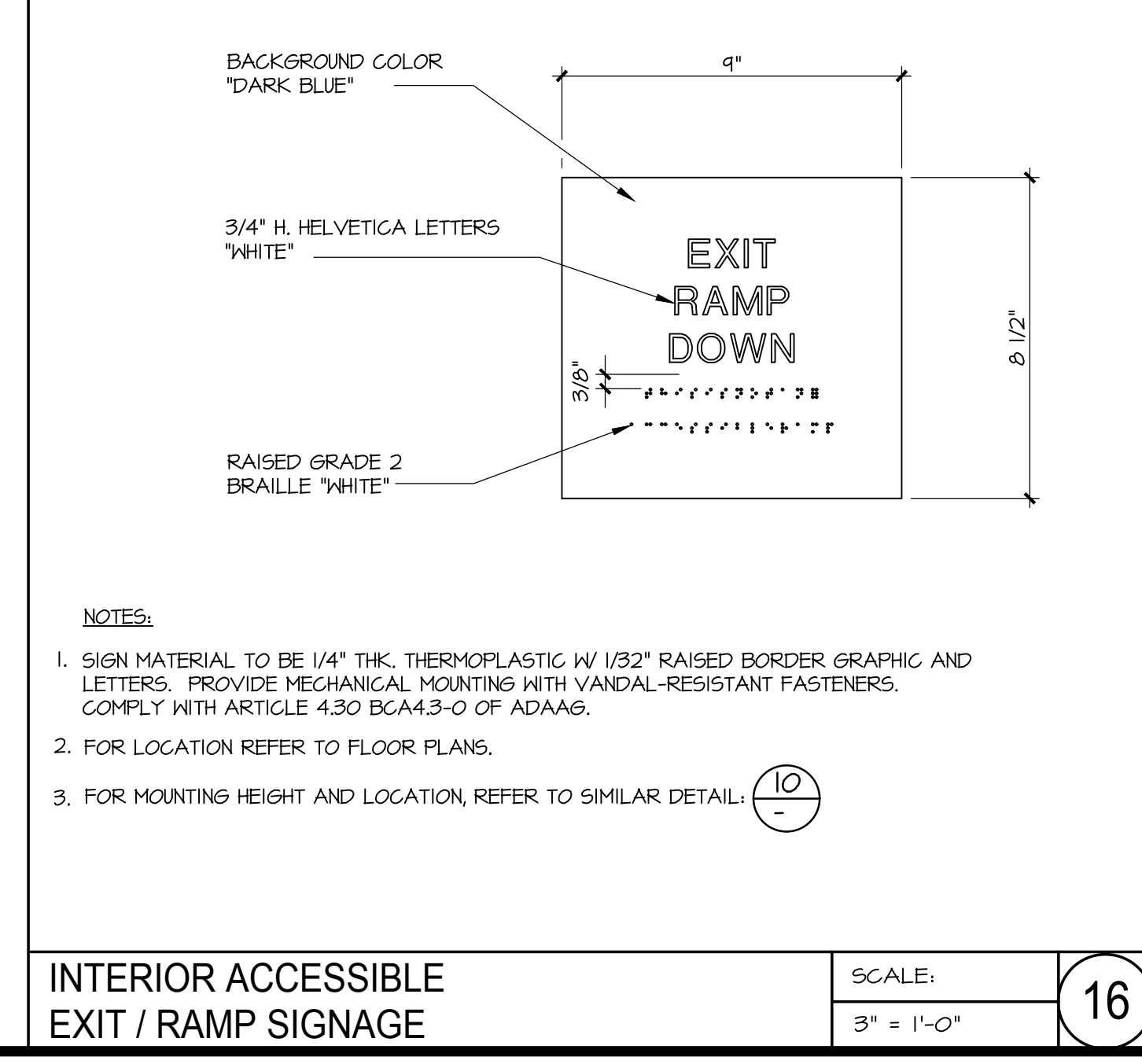
DRYWELL SCALE: 3" = 1'-0" **17**



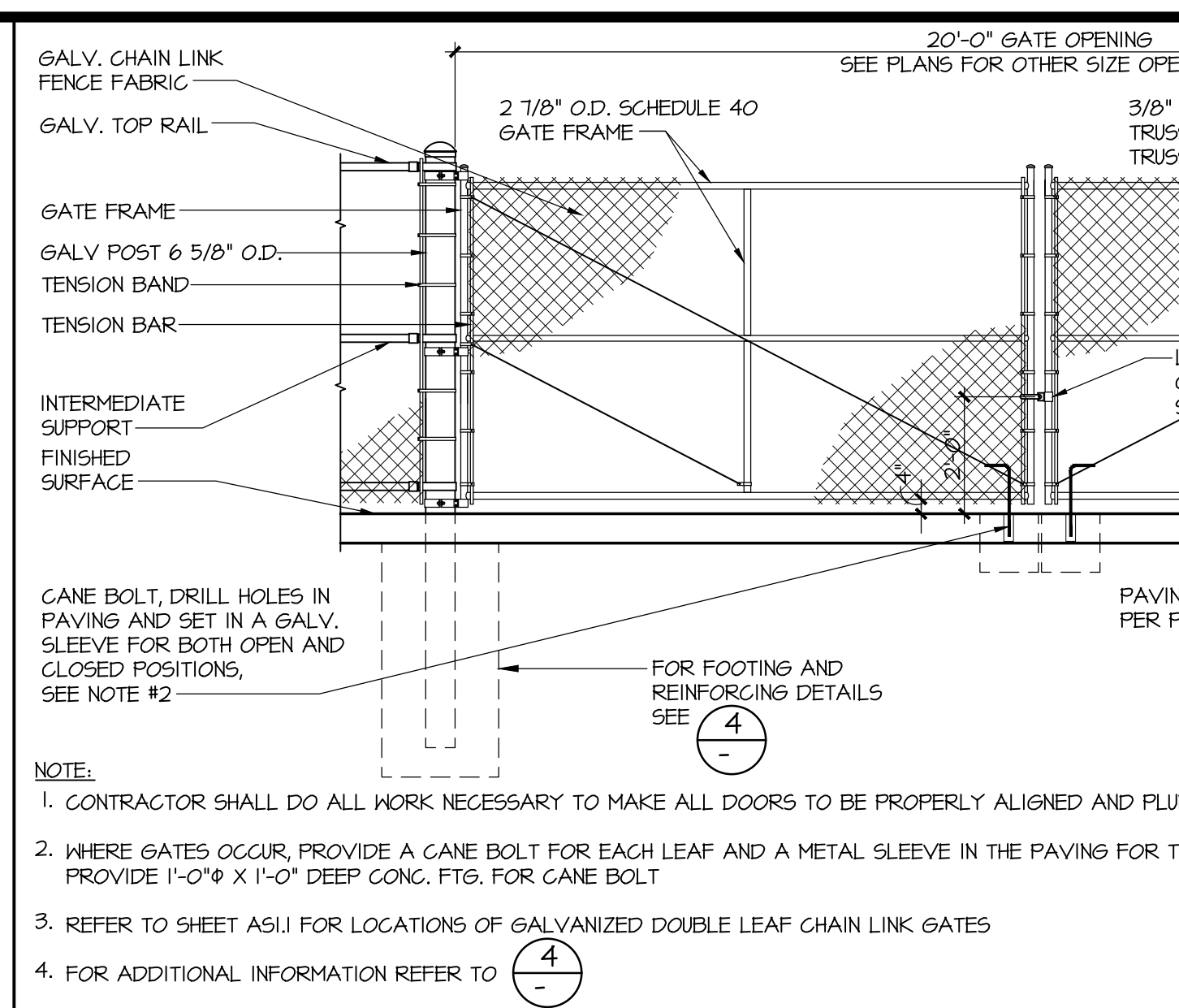
CHAIN LINK FENCE SCALE: 1 1/2" = 1'-0" **14**



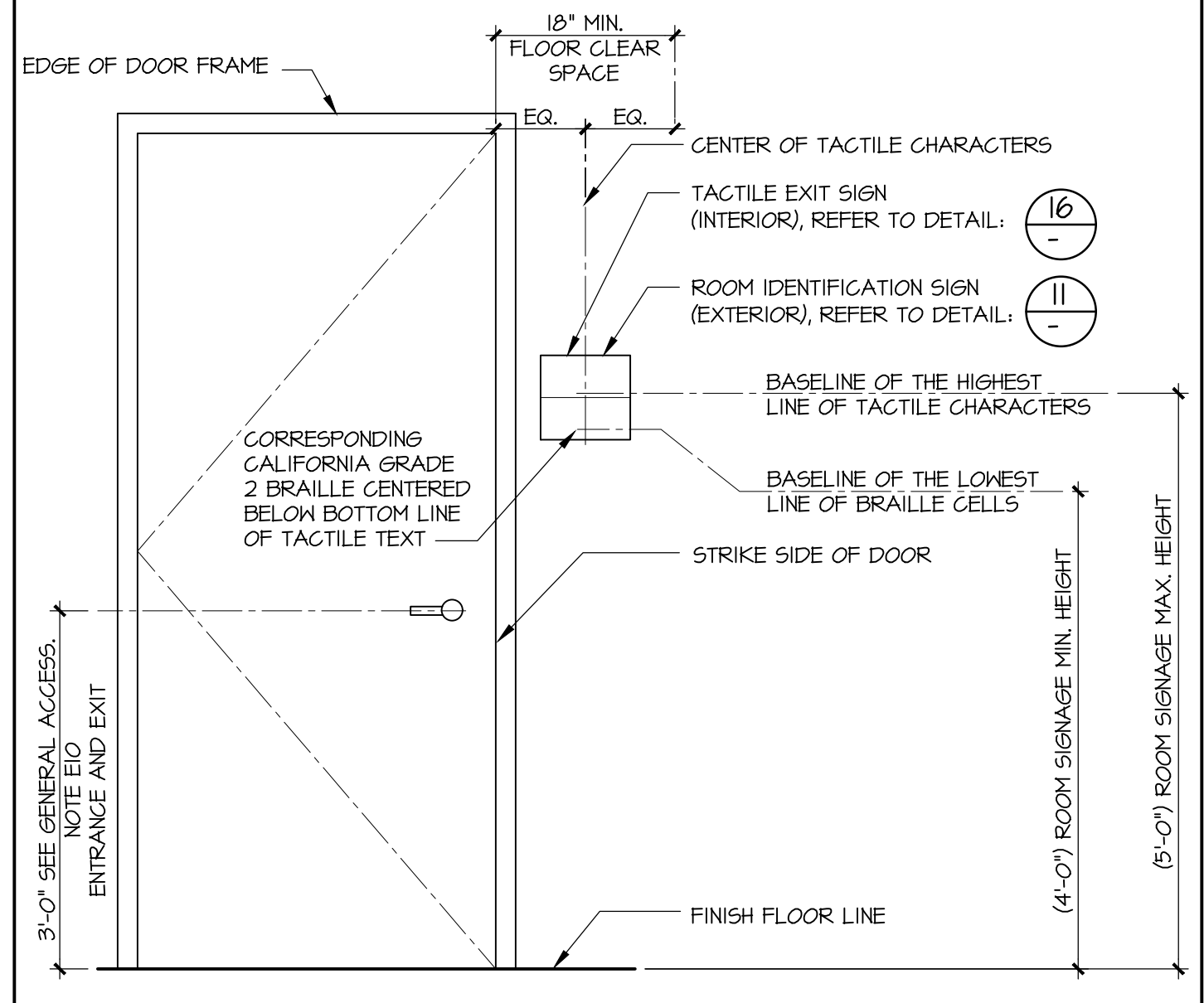
ELEVATION OF ROOM NUMBER AND NAME PLAQUE - TYPICAL SCALE: 3/4" = 1'-0" **10**



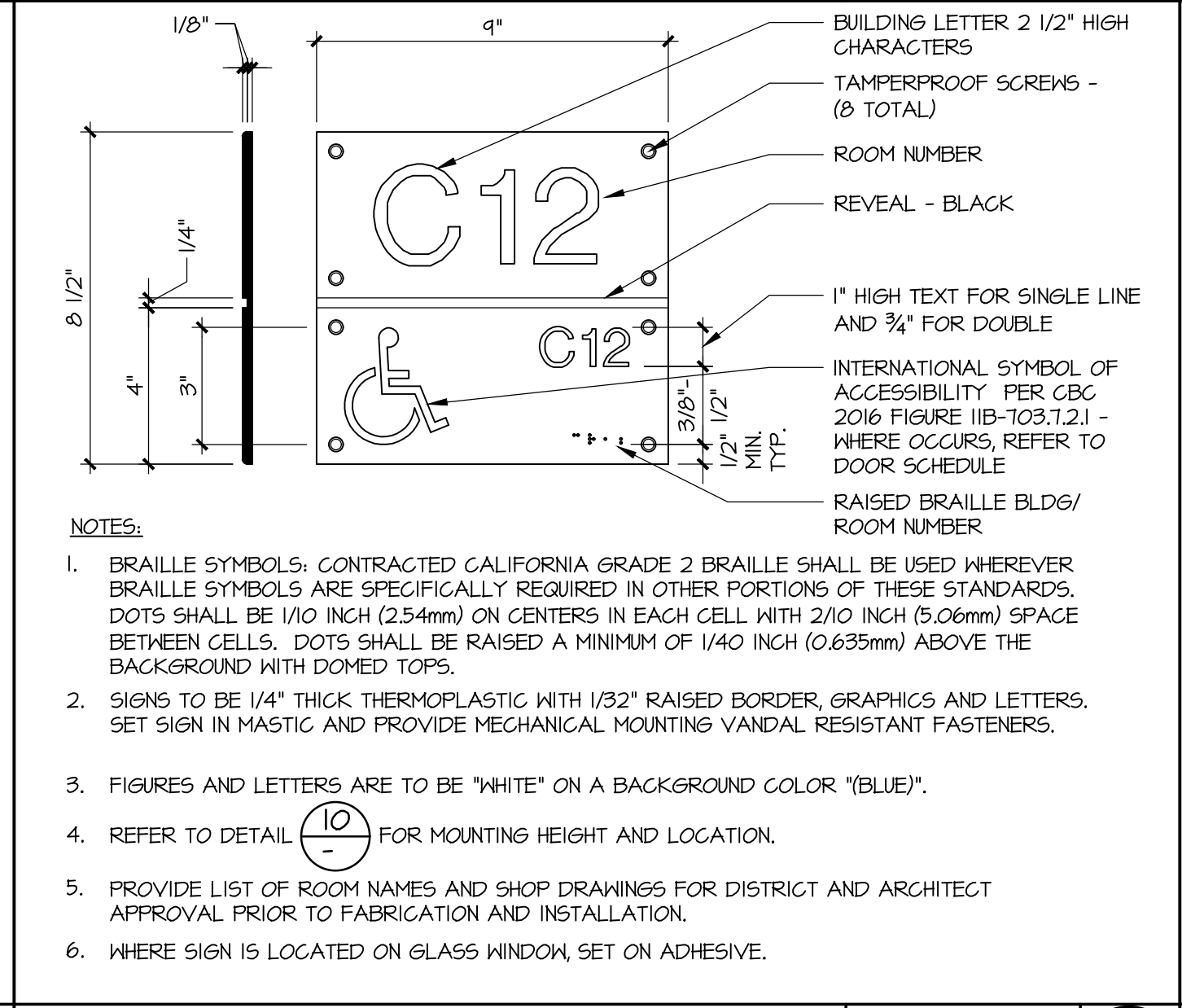
CHAIN LINK FENCING BETWEEN RELOCABLE BUILDINGS SCALE: 1/2" = 1'-0" **6**



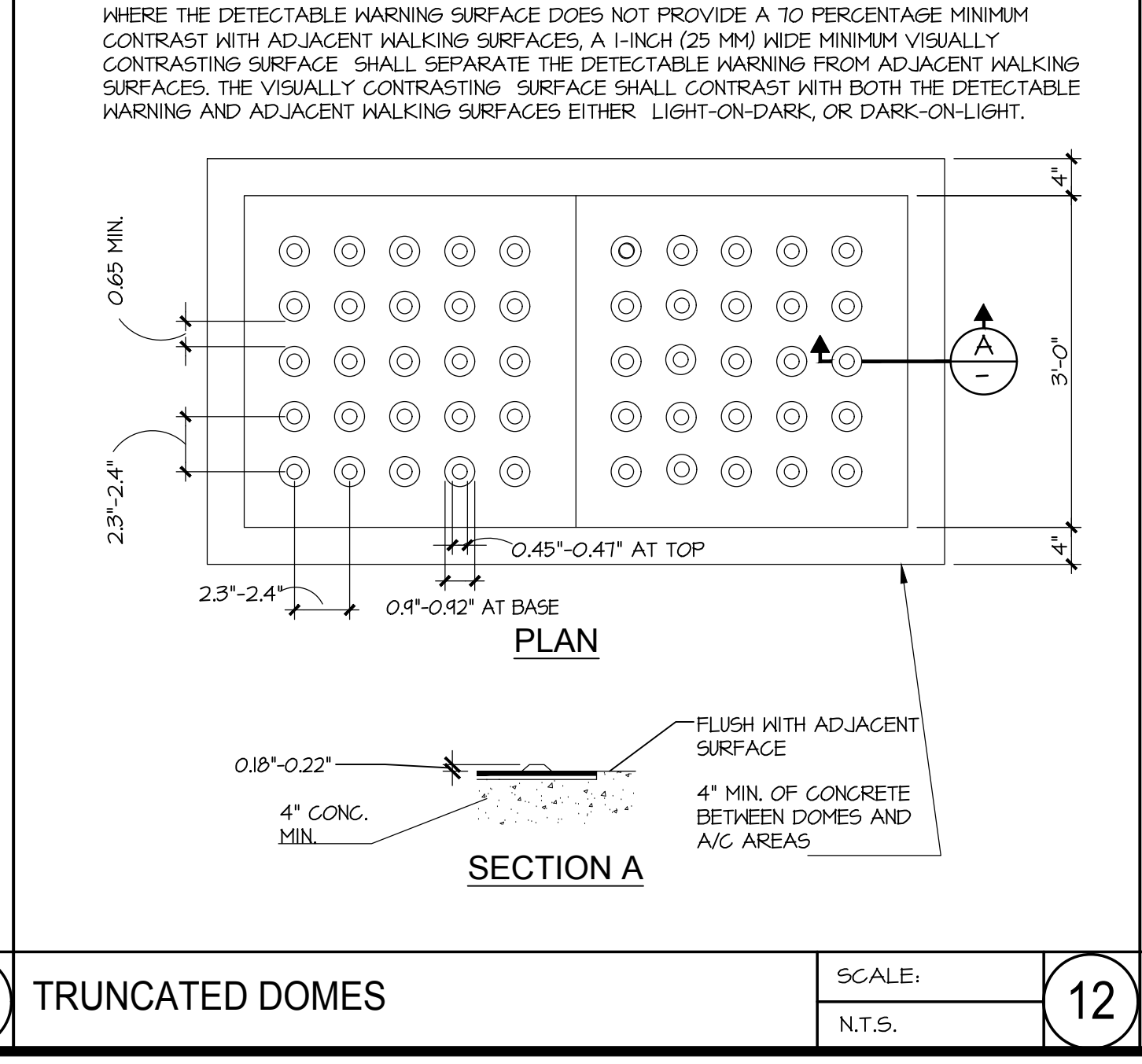
CHAIN LINK FENCE SCALE: 1 1/2" = 1'-0" **15**



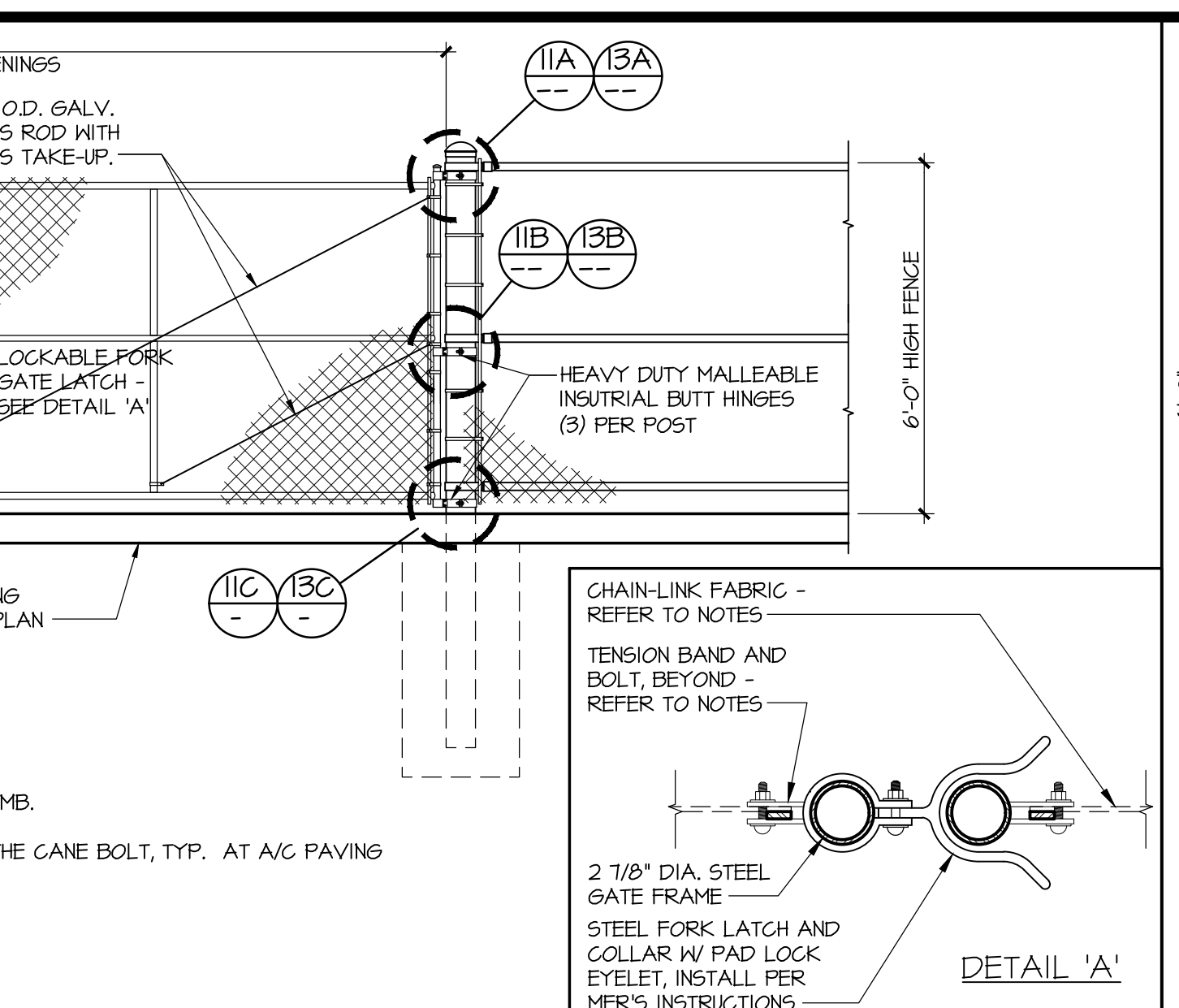
ROOM IDENTIFICATION SIGNAGE SCALE: 3" = 1'-0" **11**



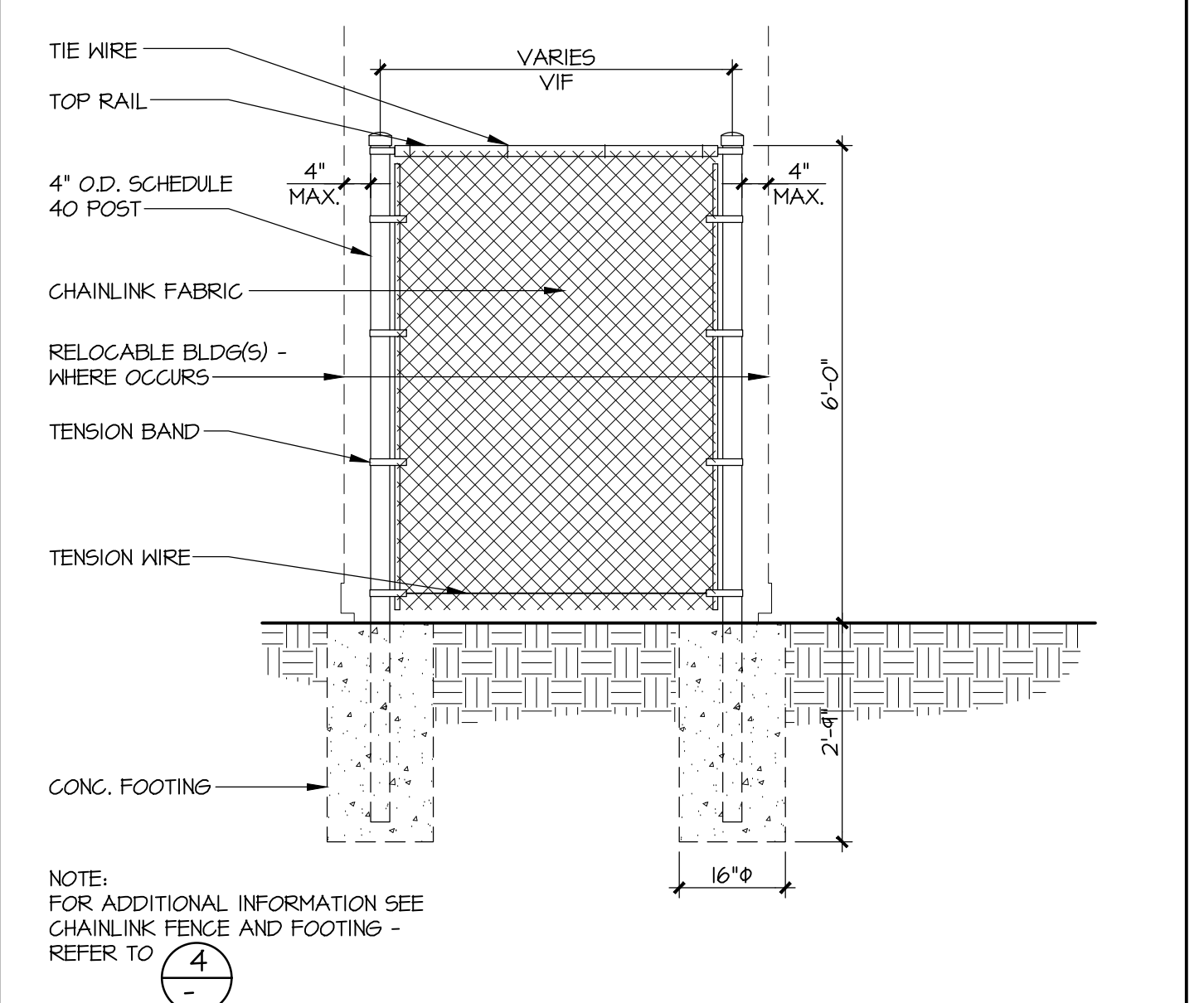
CORNER FITTING DETAIL SCALE: N.T.S. **7**



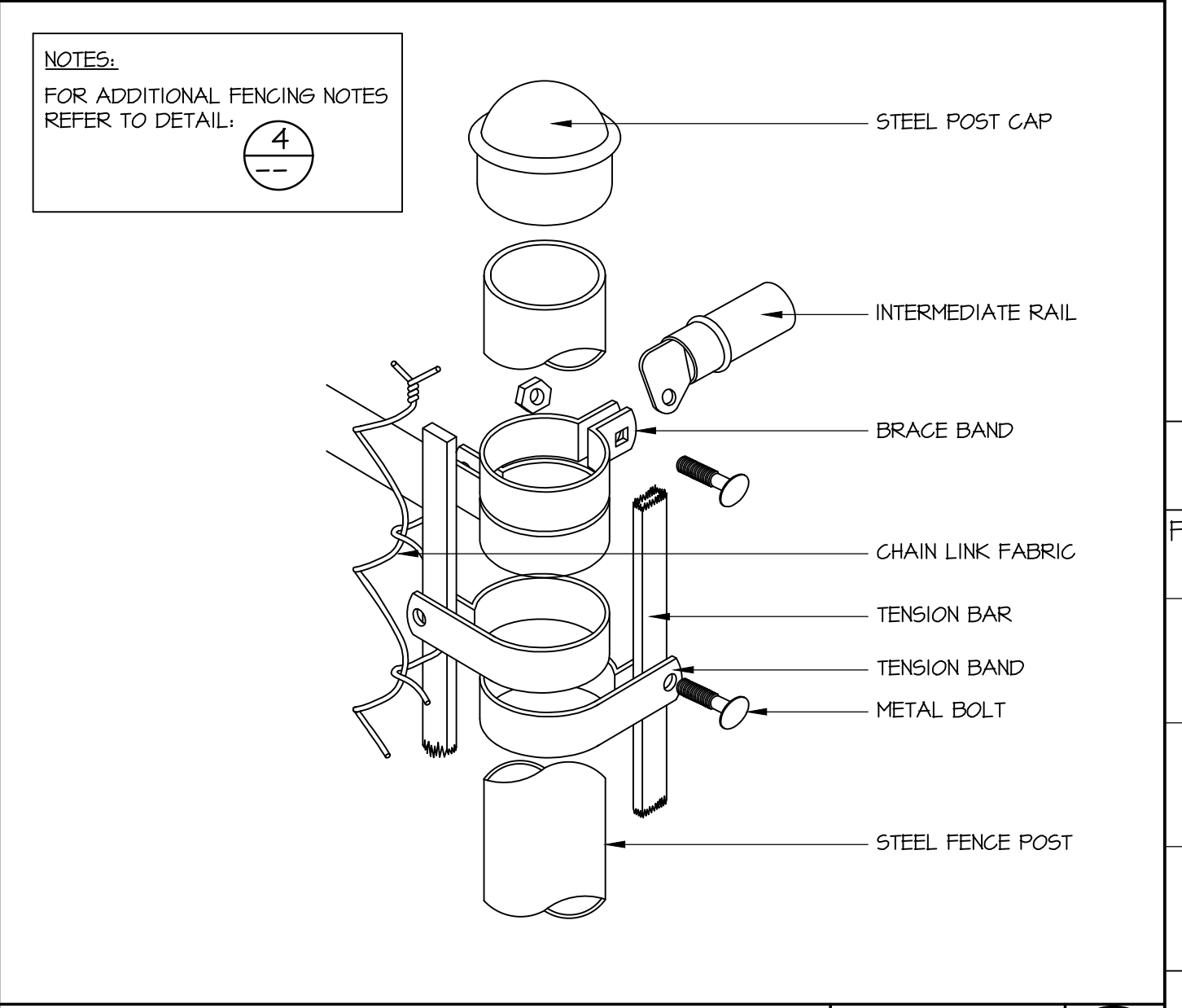
INTERIOR ACCESSIBLE EXIT / RAMP SIGNAGE SCALE: 3" = 1'-0" **16**



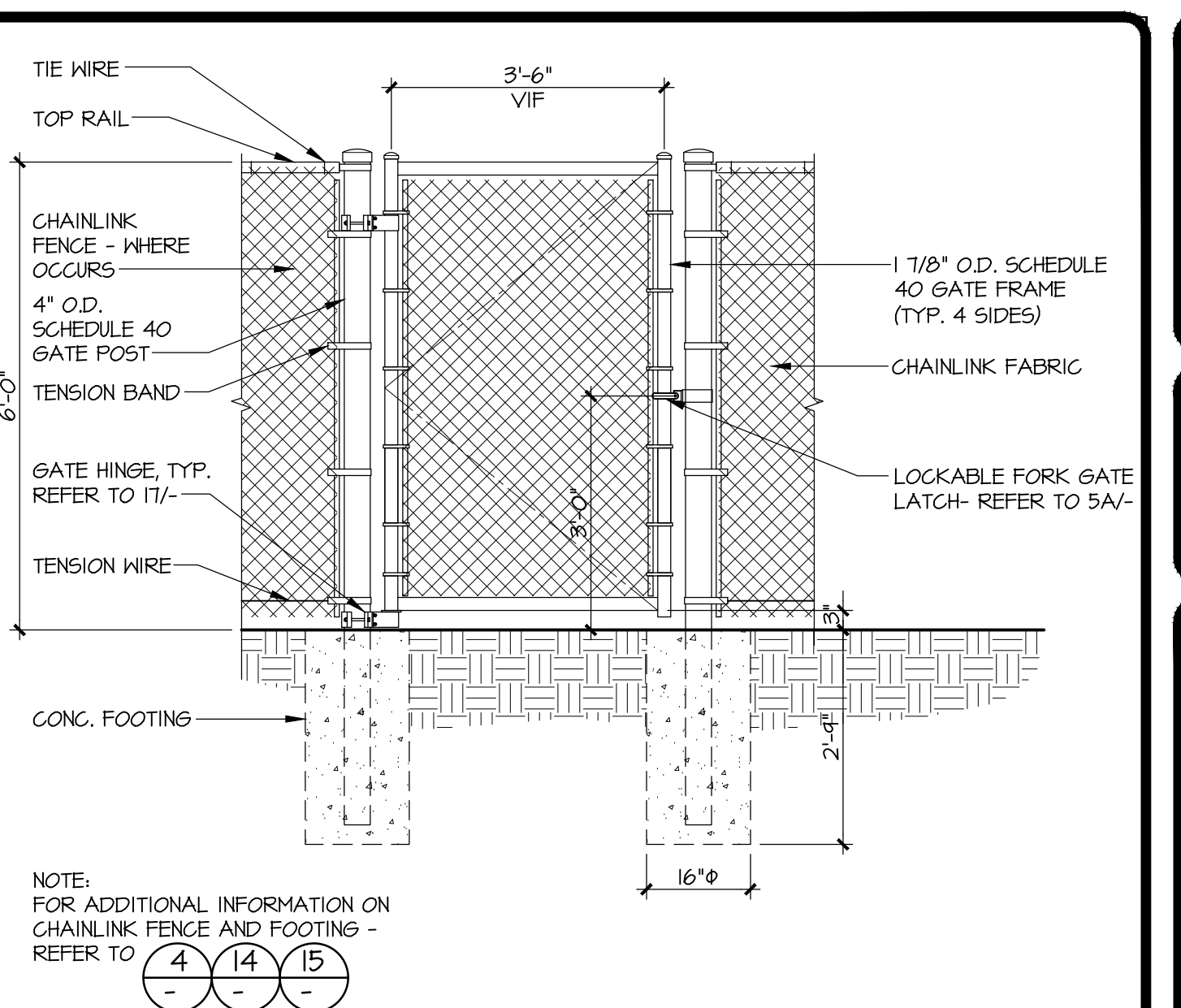
TRUNCATED DOMES SCALE: N.T.S. **12**



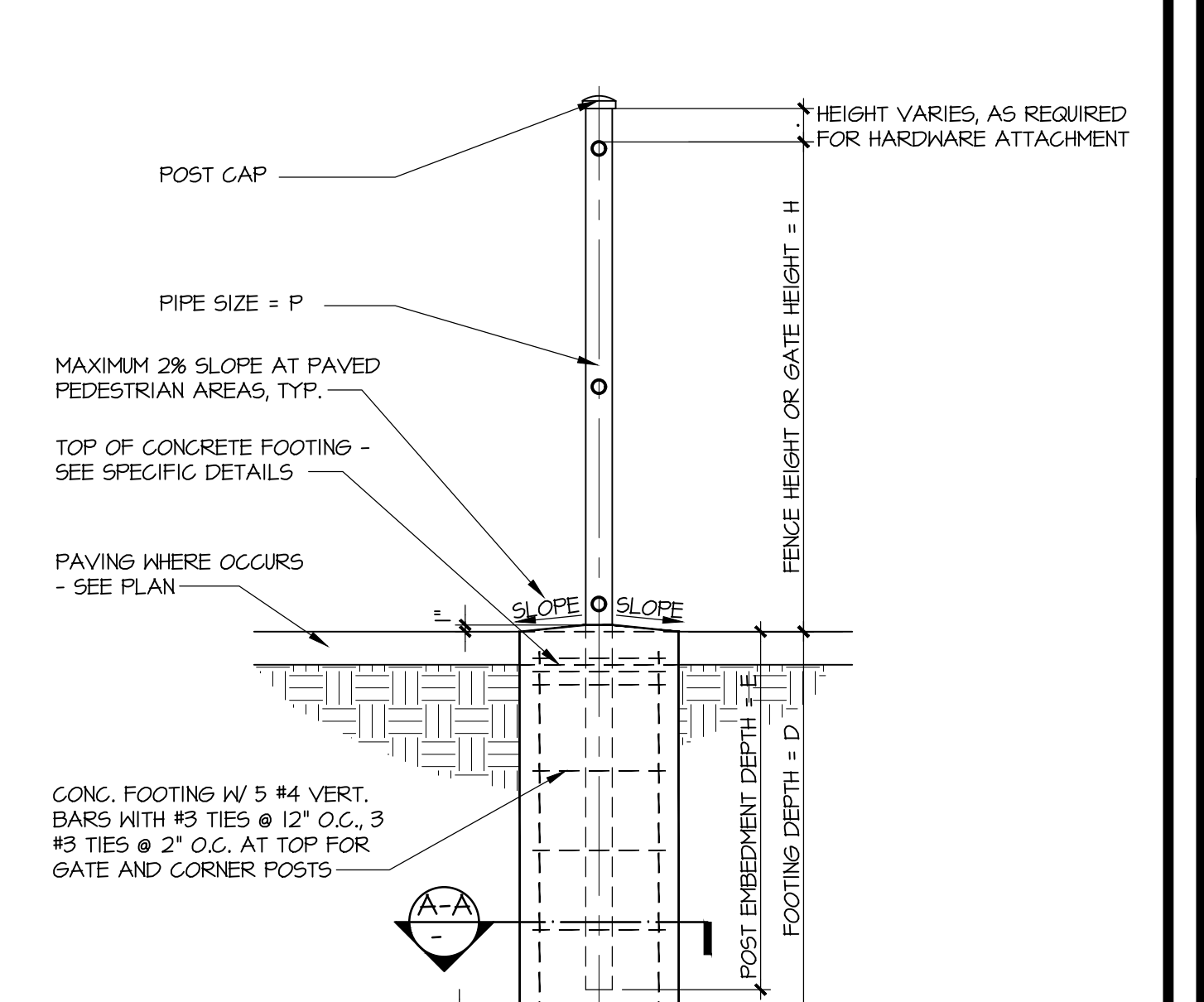
STANDARD FITTING DETAIL SCALE: N.T.S. **8**



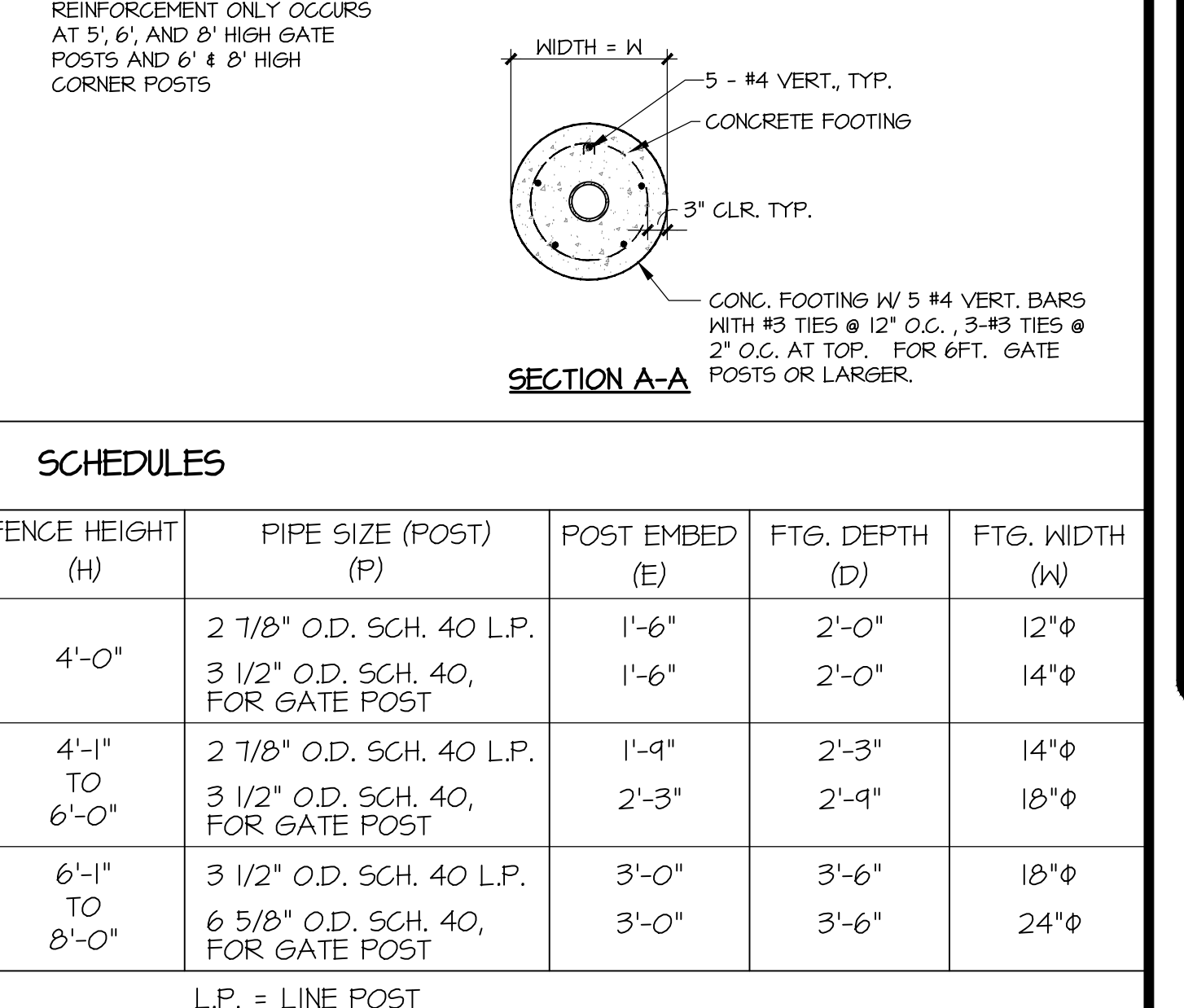
CHAIN LINK FENCING SCALE: N.T.S. **4**



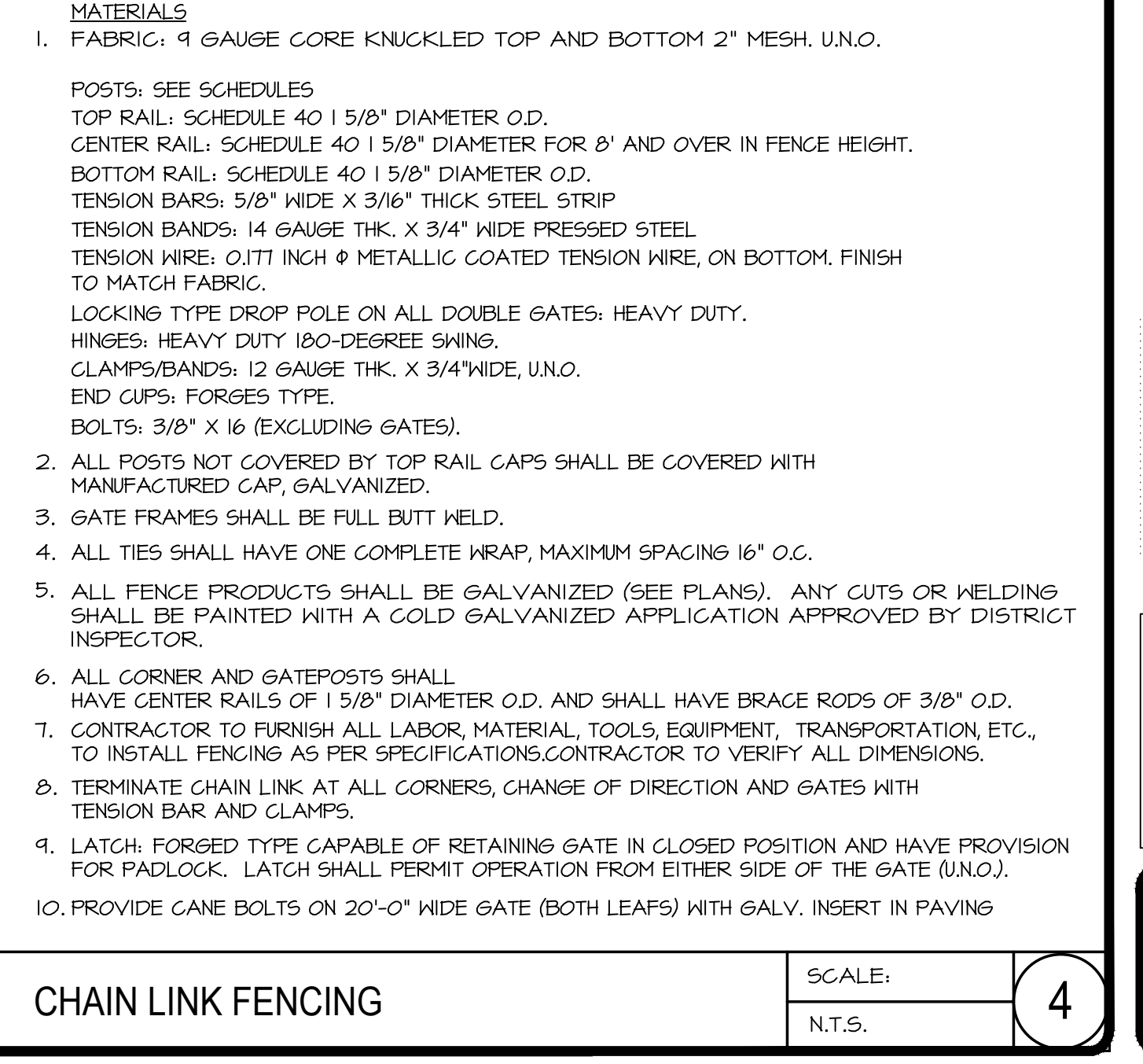
CHAIN LINK FENCE SCALE: 1 1/2" = 1'-0" **14**



ROOM IDENTIFICATION SIGNAGE SCALE: 3/4" = 1'-0" **10**



CORNER FITTING DETAIL SCALE: N.T.S. **7**



INTERIOR ACCESSIBLE EXIT / RAMP SIGNAGE SCALE: 3" = 1'-0" **16**

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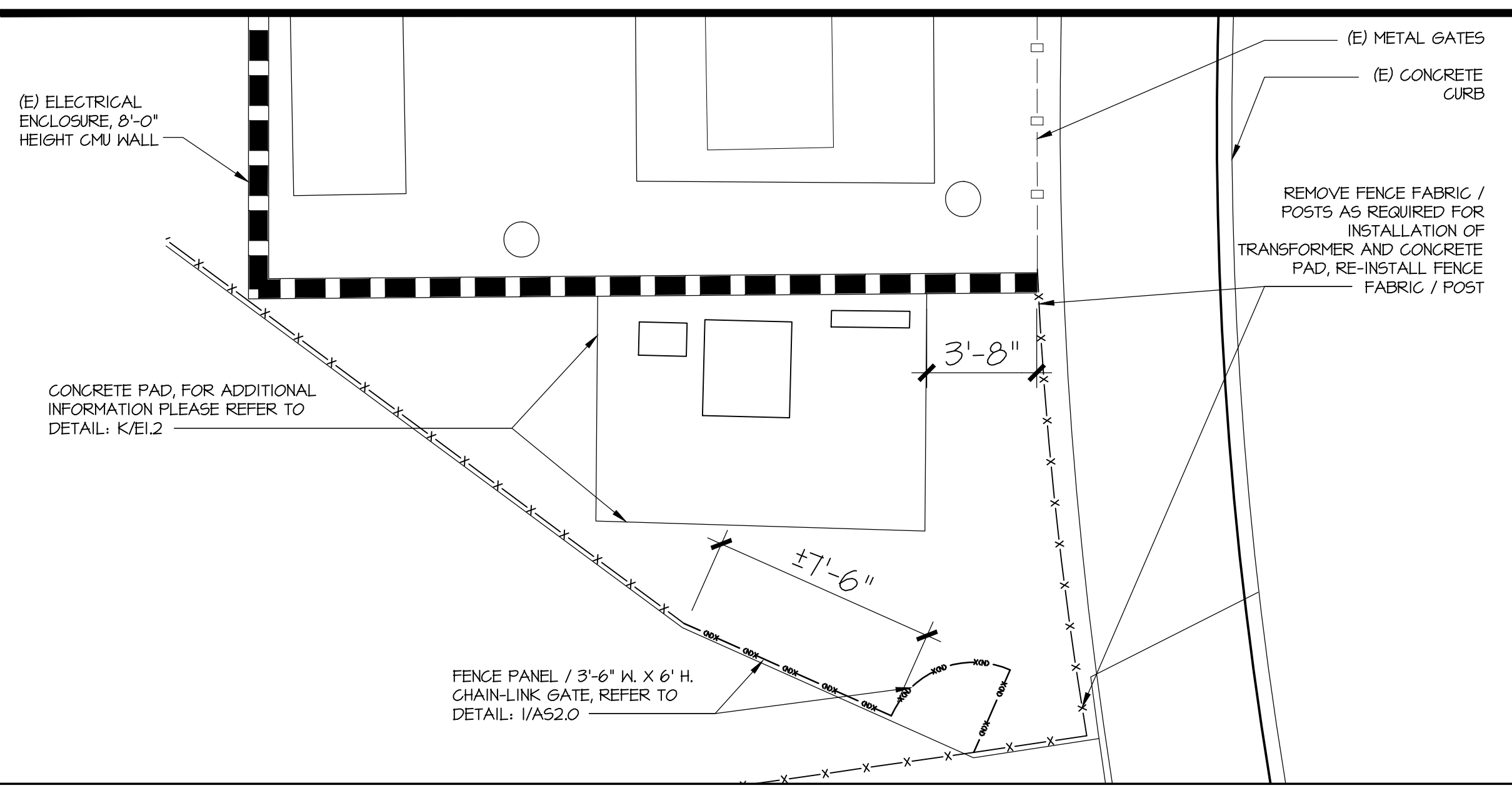
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 19501 SHADOW OAK DRIVE
 WALNUT, CA 91789

REGISTERED ARCHITECT
 JOSE F. PRIETO
 C-33216
 RENEWAL DATE NOV. 30, 2019
 STATE OF CALIFORNIA

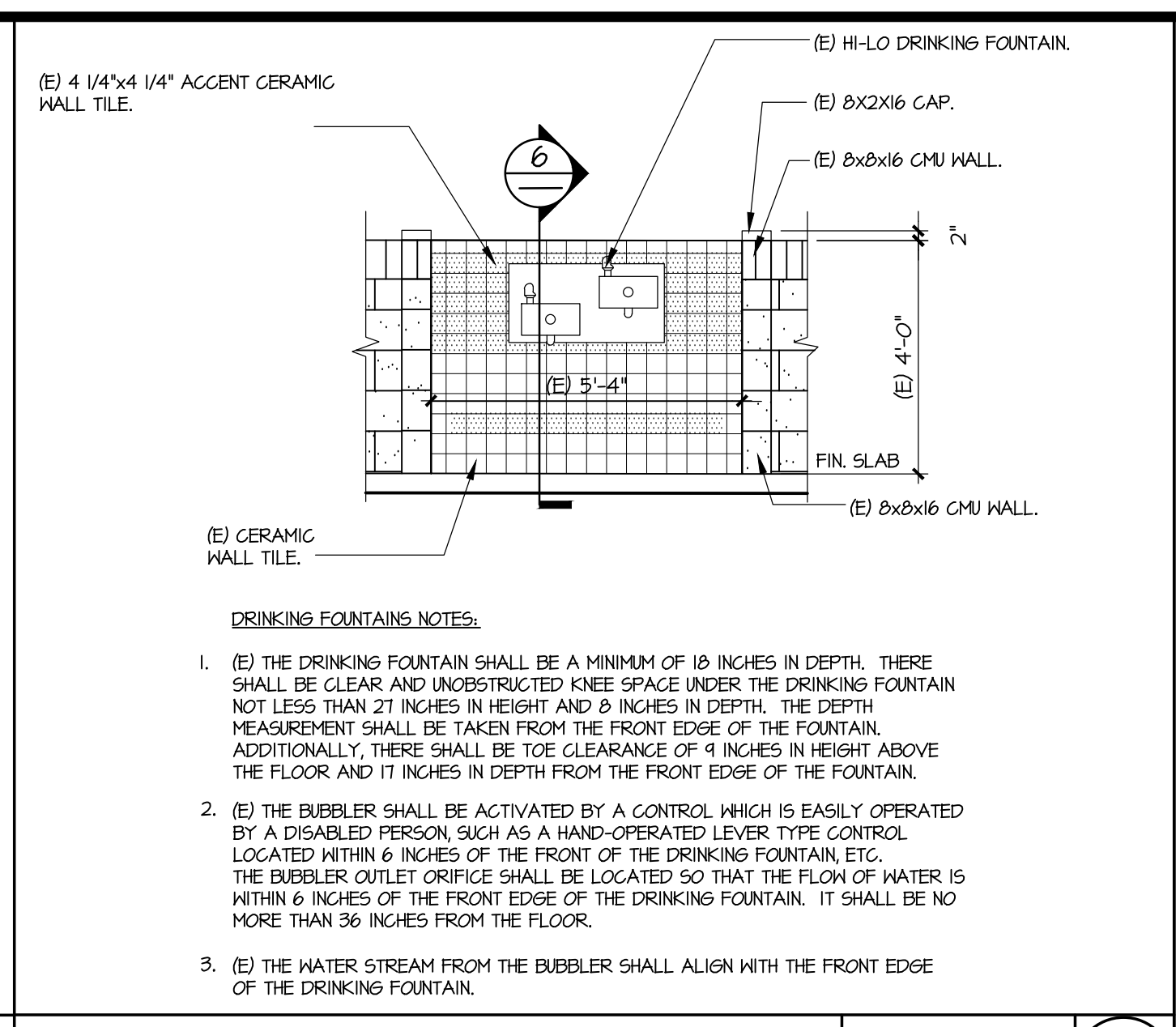
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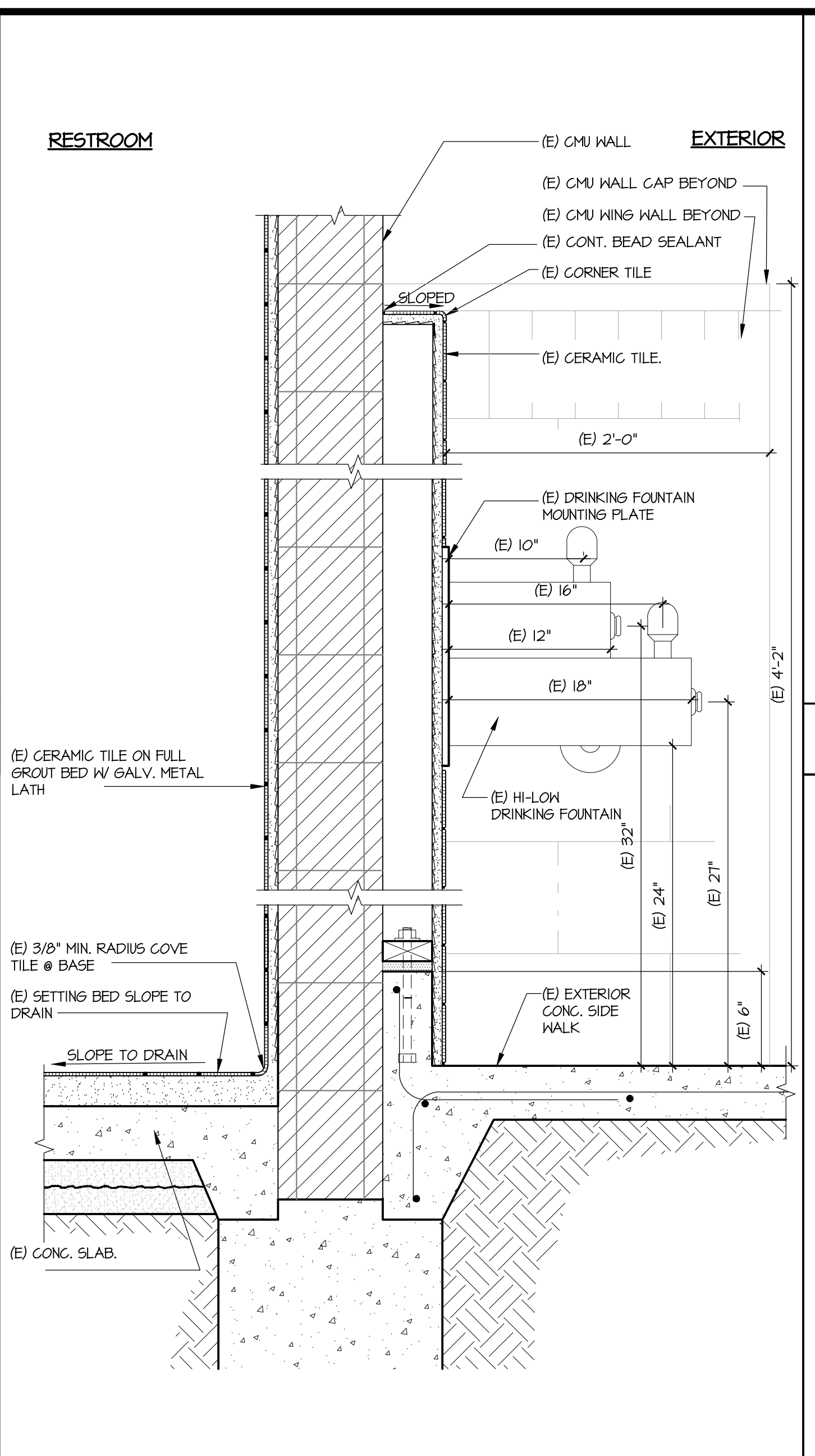
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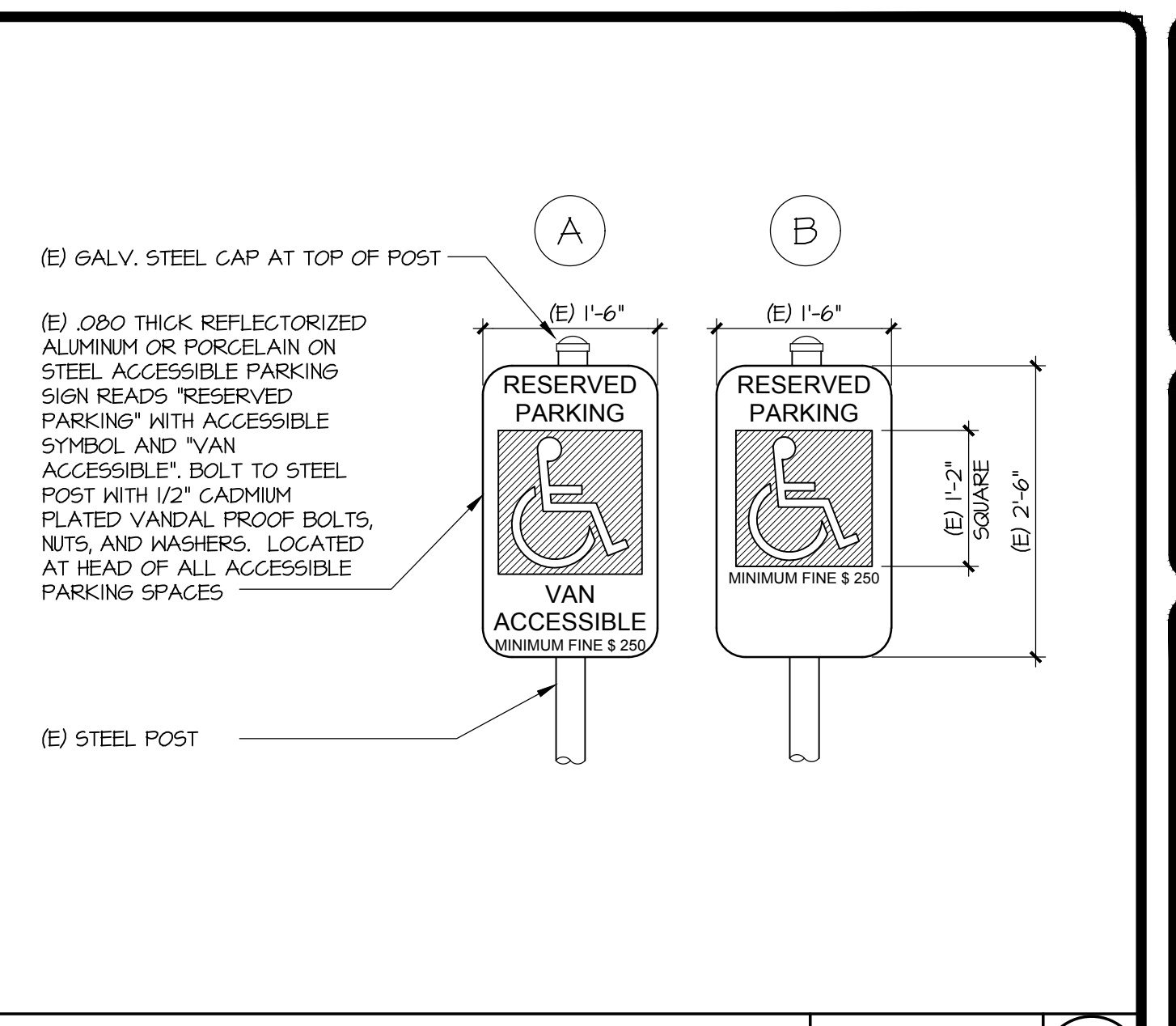
TRANSFORMER SCALE: 1/4" = 1'-0" **12**



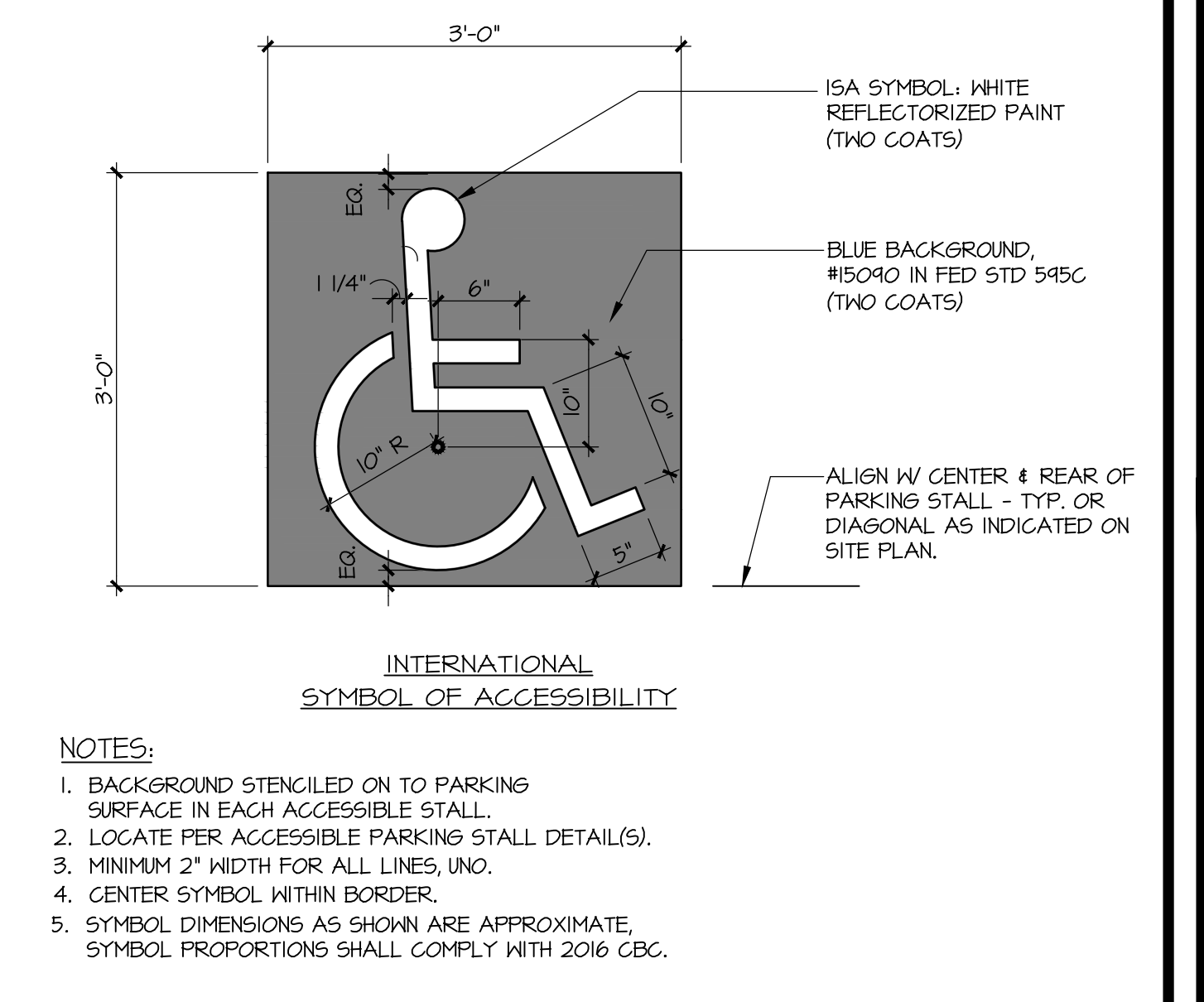
(E) DRINKING FOUNTAIN ELEVATION SCALE: 3/8" = 1'-0" **9**



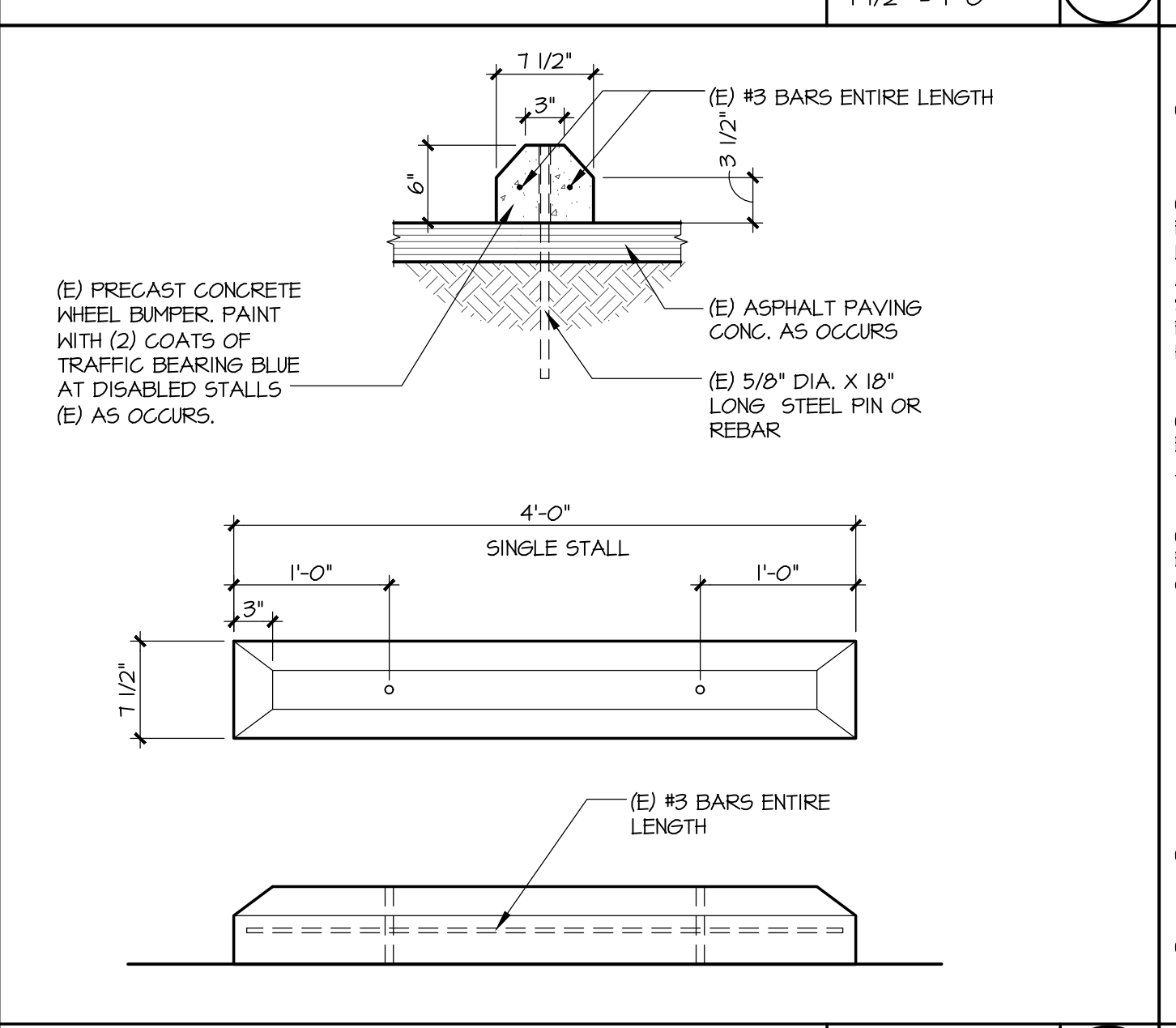
(E) DRINKING FOUNTAIN SCALE: 1 1/2" = 1'-0" **6**



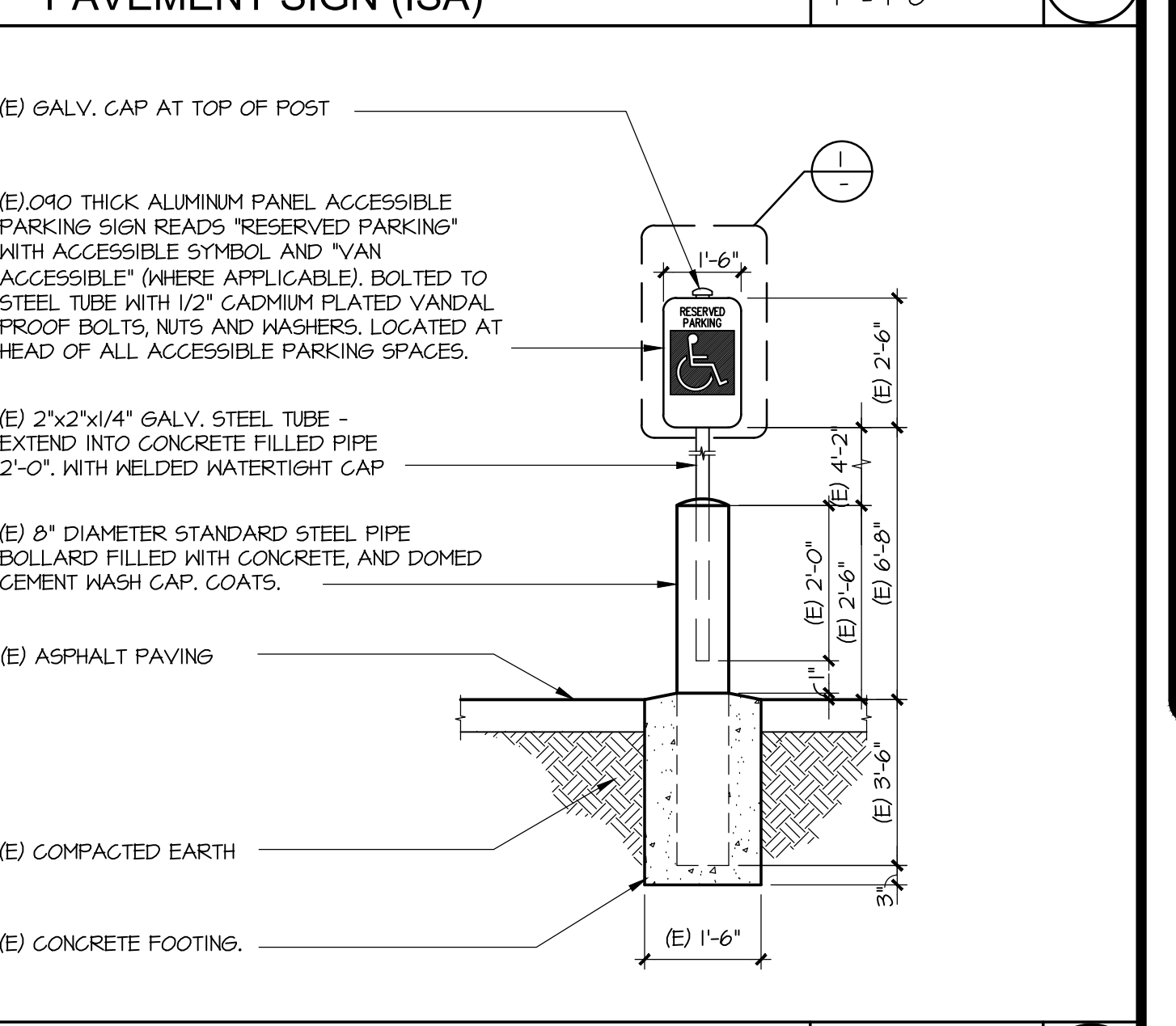
(E) ACCESSIBLE PARKING SIGNAGE SCALE: 3/4" = 1'-0" **1**



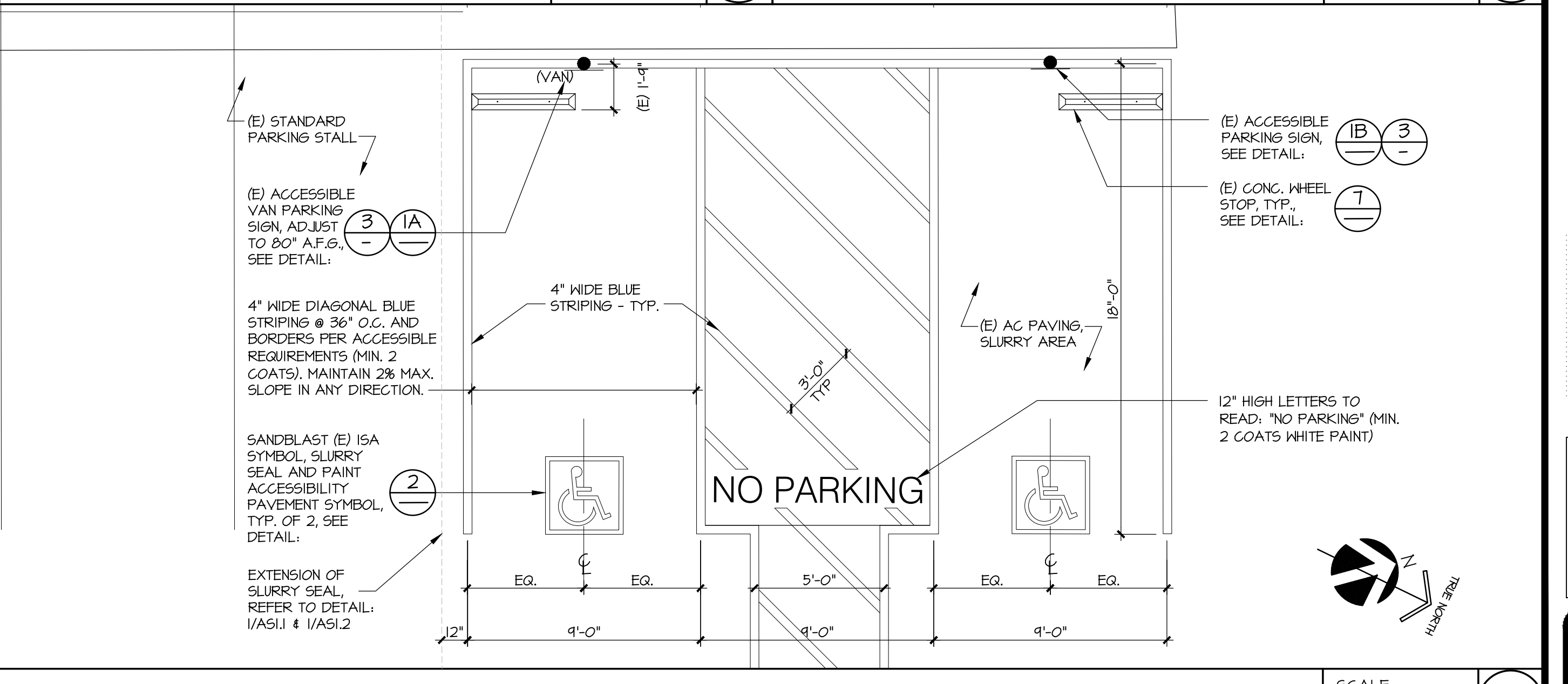
TYPICAL ACCESSIBILITY PAVEMENT SIGN (ISA) SCALE: 1" = 1'-0" **2**



(E) CONCRETE WHEEL STOP SCALE: 1" = 1'-0" **7**



(E) ACCESSIBLE PARKING SIGN IN PARKING AREA SCALE: 1/2" = 1'-0" **3**



(E) ACCESSIBLE PARKING STRIPING AT PARKING LOT 'C' SCALE: 1/4" = 1'-0" **4**

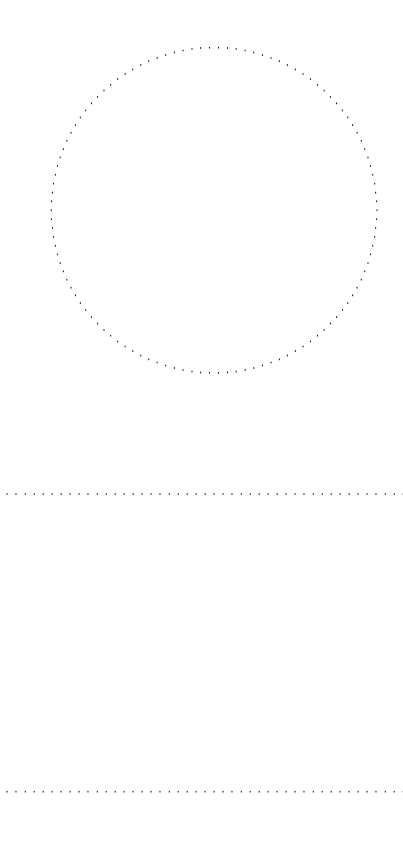
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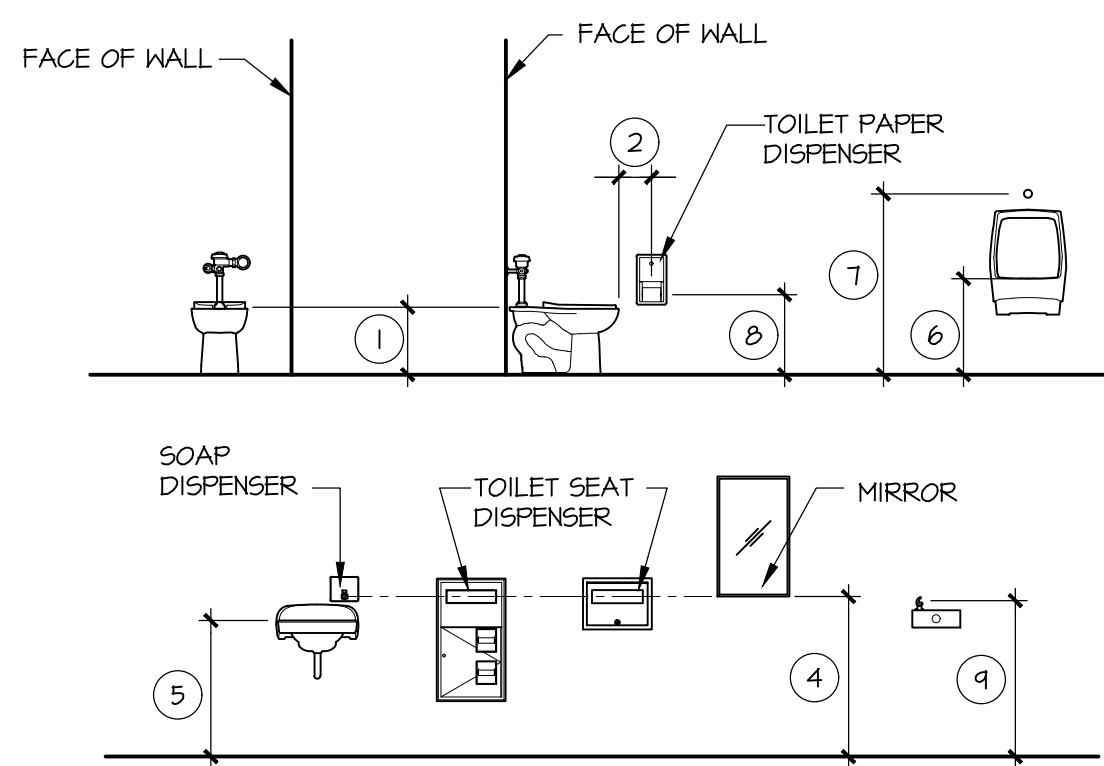
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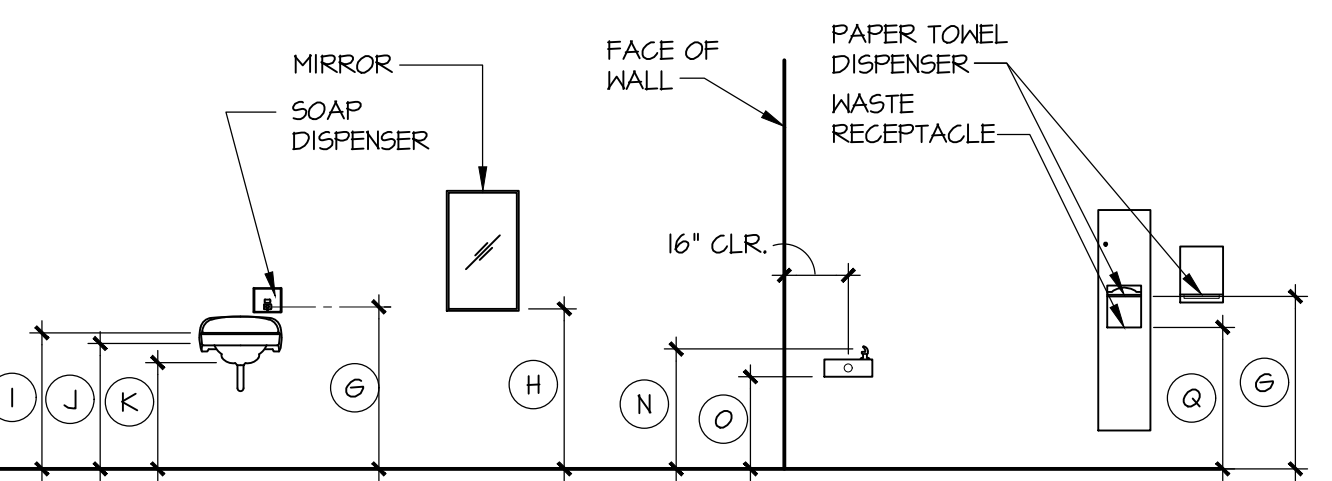
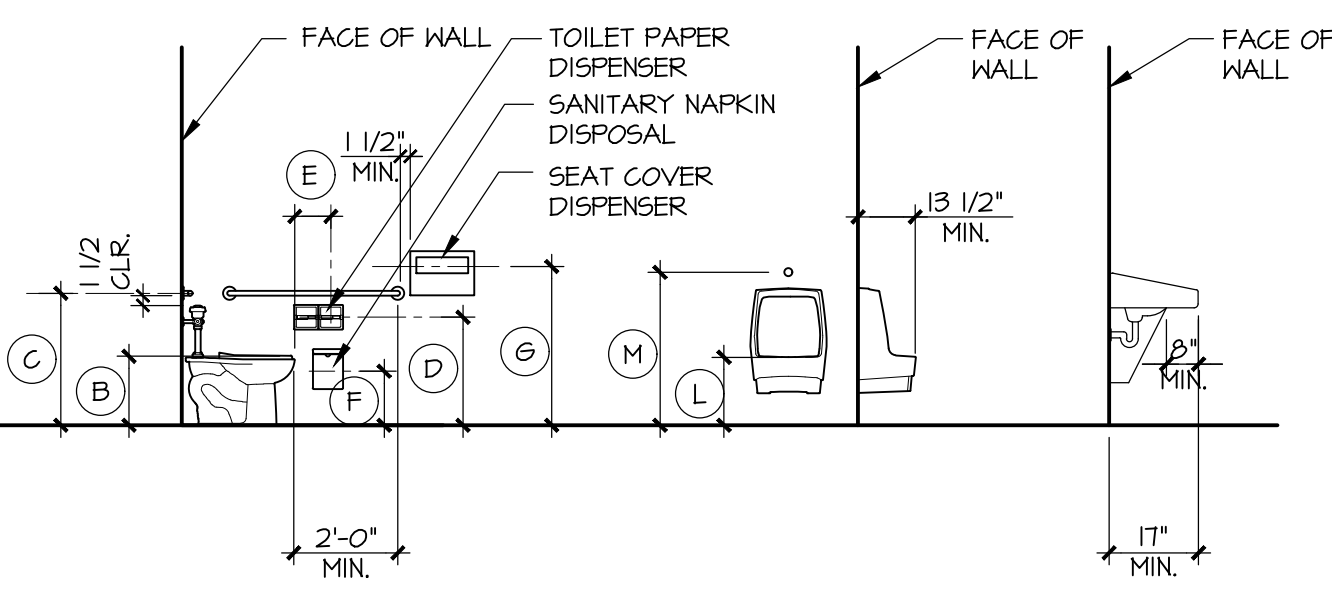
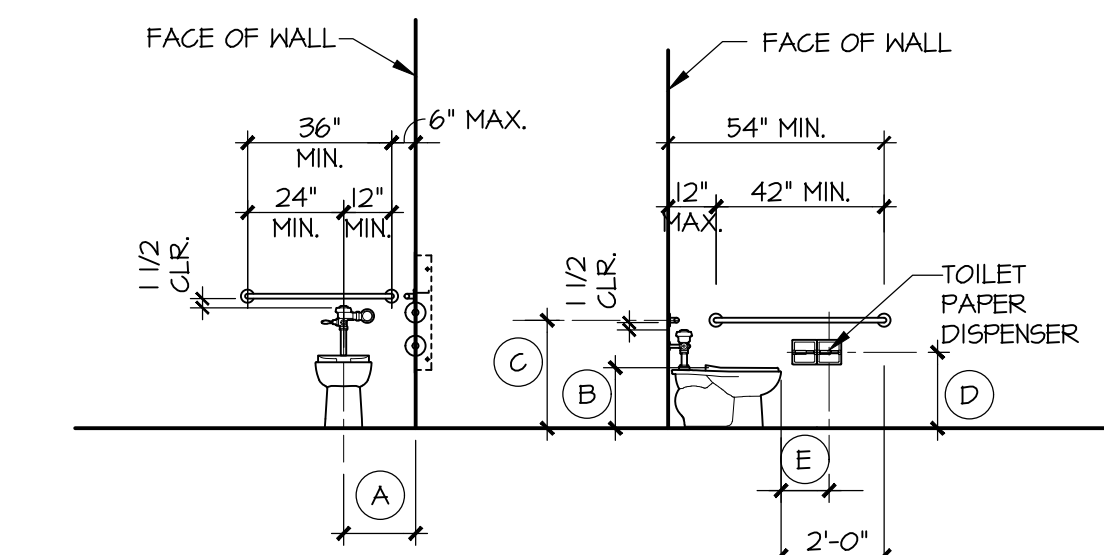
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STANDARD TOILET FIXTURES



ACCESSIBLE TOILET FIXTURES

STANDARD FIXTURES HEIGHT

AGE GROUP
 A= ADULT (AGE MORE THAN 12 YEARS OLD)
 E= ELEMENTARY (AGE 9 - 12 YEARS OLD)

DIMENSIONS	A	E
1 TOILET SEAT HEIGHT/DIMENSIONS TO TOP OF SEAT	15"	15"
2 TOILET PAPER IN FRONT OF TOILET	12"	6"
3 NOT USED	-	-
4 DISPENSER OR MIRROR HEIGHT	40"	33"
5 LAVATORY/SINK TOP HEIGHT	34"	21"
6 URINAL LIP HEIGHT	24"	20"
7 URINAL FLUSH HANDLE HEIGHT (N/A - WATERLESS)	44"	36"
8 TOILET PAPER DISPENSER HEIGHT	30"	24"
9 DRINKING FOUNTAIN BUBBLER HEIGHT	34"-42"	32"

ACCESSIBLE FIXTURES HEIGHT

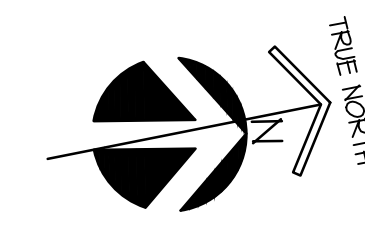
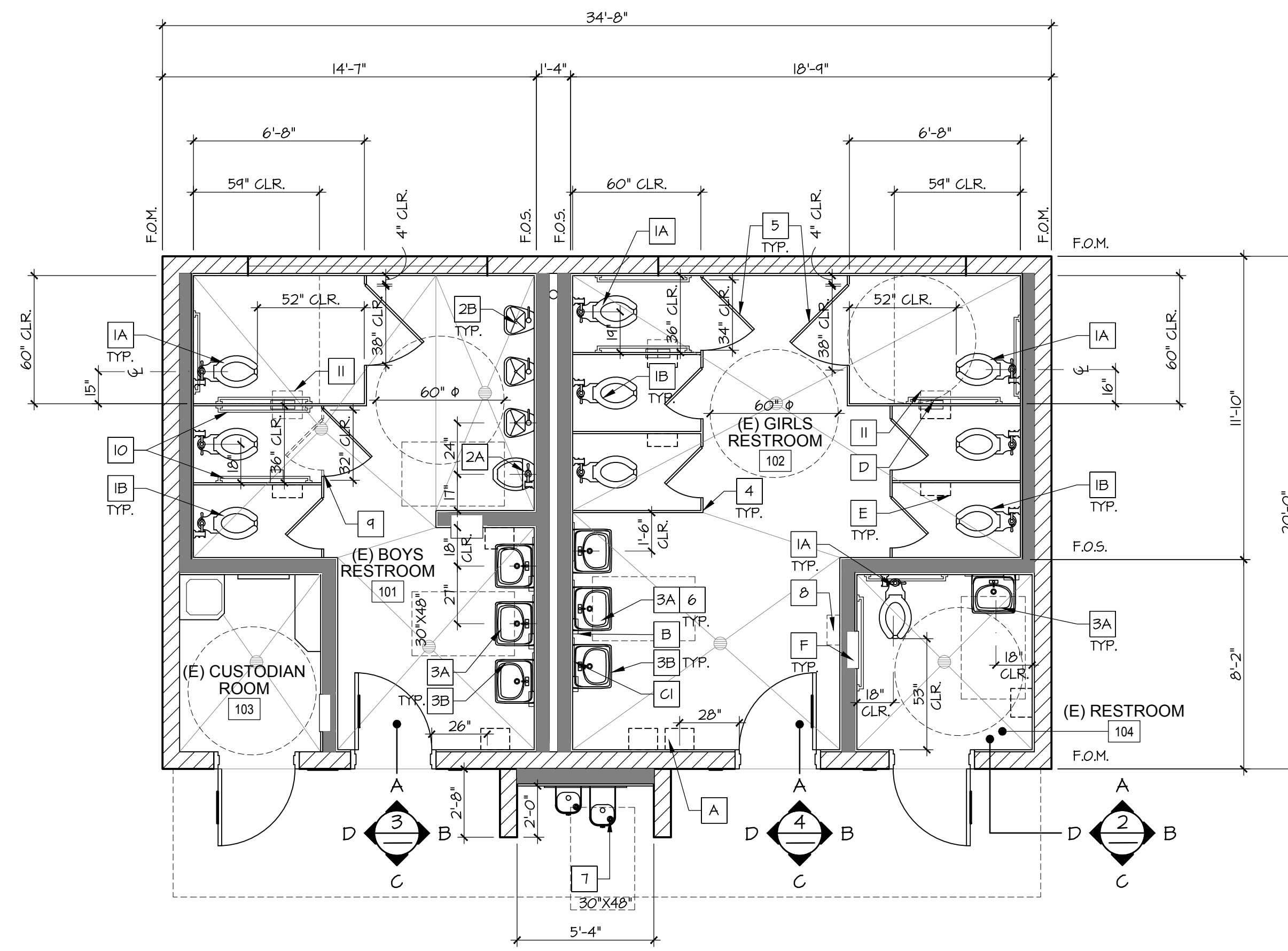
AGE GROUP
 A= ADULT (AGE MORE THAN 12 YEARS OLD)
 E= ELEMENTARY (AGE 9 - 12 YEARS OLD)

DIMENSIONS	A	E
A TOILET CENTERING FROM WALL	17"-18"	15"-18"
B TOILET SEAT HEIGHT/DIMENSIONS TO TOP OF SEAT	17"-14"	15"-11"
C GRAB BAR HEIGHT (TOP OF GRIPPING SURFACE)	33"-36"	25"-21"
D TOILET PAPER ABOVE FLOOR (TOP OF OUTLET)	14" MIN.	17"-14"
E TOILET PAPER IN FRONT OF TOILET	7"-4"	7"-4"
F NAPKIN DISPOSAL HEIGHT	14" MIN.	16" MIN.
G DISPENSER HEIGHT	40" MAX.	40" MAX.
H MIRROR HEIGHT (TO BOTTOM OF REFLECTIVE SURFACE)	40" MAX.	40" MAX.
I LAVATORY/SINK TOP HEIGHT	34" MAX.	31" MAX.
J LAVATORY APRON CLEARANCE	24" MIN.	24" MIN.
K LAVATORY/SINK KNEE CLEARANCE	21" MIN.	24" MIN.
L URINAL LIP HEIGHT	17" MAX.	17" MAX.
M URINAL, TOILET FLUSH HANDLE HEIGHT (N/A - WATERLESS)	44" MAX.	44" MAX.
N DRINKING FOUNTAIN BUBBLER HEIGHT	36" MAX. / 30"-48" (STANDING)	30" MAX.
O DRINKING FOUNTAIN KNEE CLEARANCE	21" MIN.	24" MIN.
P NOT USED	-	-
Q RECESSED WASTE RECEPTACLE	40" MAX.	40" MAX.

ACCESSIBLE TOILET FIXTURE

SCALE: N.T.S.

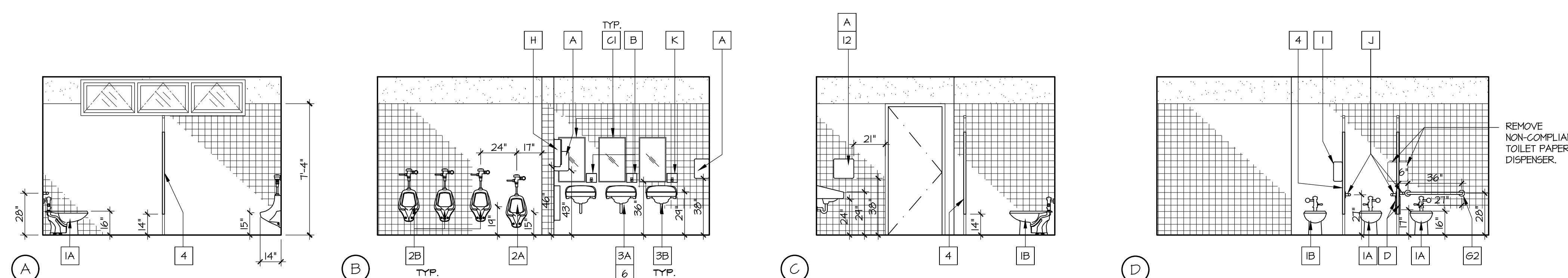
FLOOR PLAN - EXISTING RESTROOM BUILDING



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

1

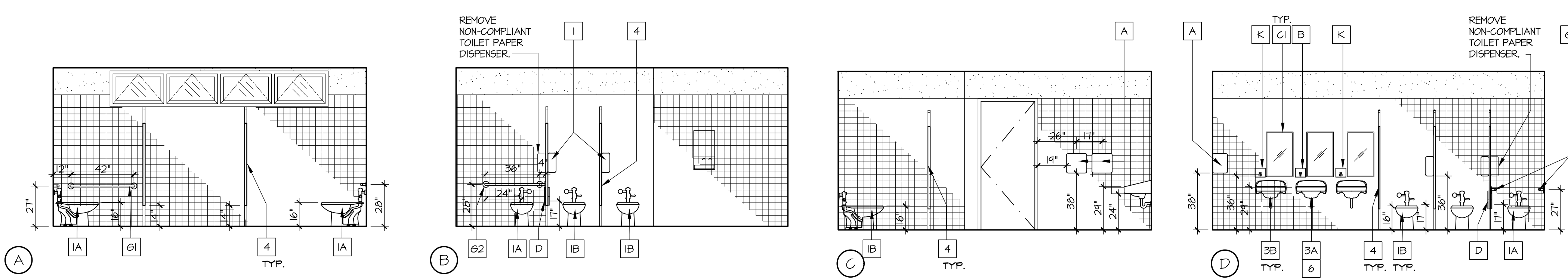
RESTROOM (#104)



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

2

BOYS' RESTROOM (#101)



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

3

GIRLS' RESTROOM (#102)



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

4

KEYNOTES

- 1A (E) WATER CLOSET - ACCESSIBLE (FLUSH HANDLE ON WIDE SIDE)
- 1B (E) WATER CLOSET - STANDARD.
- 2A (E) URINAL - ACCESSIBLE.
- 2B (E) URINAL - STANDARD.
- 3A (E) LAVATORY - ACCESSIBLE.
- 3B (E) LAVATORY - STANDARD.
- 4 (E) FLOOR MOUNTED SOLID PLASTIC TOILET PARTITIONS.
- 5 (E) STALL DOOR WITH SELF-CLOSING HINGES, AND 'U' SHAPED HANDLE BELOW LATCH AT BOTH SIDES. PROVIDE SLIDING LATCH PER CBC 11B5.7.1(4)
- 6 INSULATE WATER AND DRAIN PIPES AT ACCESSIBLE LAVATORY.
- 7 (E) ACCESSIBLE HI-LOW DRINKING FOUNTAIN, REFER TO: (A52)
- 8 NOT USED.
- 9 REPLACE TOILET PARTITION WITH 32"-CLEAR DOOR.
- 10 INSTALL (2) 42" LONG GRAB BARS AT 27" A.F.F. AND 12" FROM REAR WALL.
- 11 REMOVE NON-COMPLIANT TOILET PAPER DISPENSER.
- 12 ADJUST TO ACCESSIBLE HEIGHT/DIMENSION, REFER TO: (5)

TOILET ACCESSORIES

ALL TOILET ACCESSORY MODEL NUMBERS INDICATED ARE BY 'BOBRICK WASHROOM EQUIPMENT, INC.'

- A (E) SURFACE-MOUNTED ROLL-PAPER-TOWEL DISPENSER (MODEL # B-2860)
- B (E) SURFACE-MOUNTED SOAP DISPENSER (MODEL # B-4112)
- C1 (E) FRAMELESS STAINLESS STEEL MIRROR - FOR STUDENTS (MODEL # B-1556 1030)
- C2 (E) FRAMELESS STAINLESS STEEL MIRROR - FOR ADULTS (MODEL # B-1556 2436)
- D (E) PARTITION-MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER (MODEL # B-3886)
- E (E) SURFACE-MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER (MODEL # 4288)
- F (E) TOILET-SEAT-COVER DISPENSER, SANITARY NAPKIN DISPOSAL, AND TOILET TISSUE DISPENSER (MODEL # B-3514)
- G1 (E) STAINLESS STEEL GRAB BARS WITH SNAP FLANGE (MODEL # 5806 42)
- G2 (E) STAINLESS STEEL GRAB BARS WITH SNAP FLANGE (MODEL # 5806 36)
- H (E) SEMI-RECESSED ROLL-PAPER-TOWEL DISPENSER (MODEL # B-38616) (TO BE INSTALLED THAT THE PROJECTION FROM F.O. FINISH NOT TO EXCEED 4")
- I (E) TISSUE DISPENSER, ULINE (MODEL #-7146)
- J (N) STAINLESS STEEL GRAB BARS WITH SNAP FLANGE (MODEL # 5806 42)
- K (N) SURFACE-MOUNTED SOAP DISPENSER

VERIFY AND / OR PROVIDE MINIMUM UPGRADES TO THE TOILET ROOMS:

1. ROOM IDENTIFICATION AND DOOR SIGNAGE AT ENTRY DOOR AND HALL.
2. SELF-CLOSING HINGE AT WHEELCHAIR ACCESSIBLE STALL DOOR.
3. SLIDE BOLT OR FLIP-OVER TYPE LATCH AT WHEELCHAIR ACCESSIBLE STALL DOOR.
4. LOOP OR U-SHAPED WIRE PULLS BOTH SIDES OF D.P. STALL DOOR, 34"-44" A.F.F.
5. COAT HOOK AT 48" A.F.F. MAX AT WHEELCHAIR ACCESSIBLE STALL.
6. ENTRY DOOR OPERATING PRESSURE TO OPEN 5 LBS. MAXIMUM.
7. DISPENSERS / WASTE DISPOSAL BINS CAN NOT PROJECT INTO CLEAR SPACE REQUIREMENTS OF ANY FIXTURE.
8. DISPENSERS AND OTHER PROTRUDING ELEMENTS, WITH LEADING EDGES BETWEEN 21" AND 80" A.F.F. WITHIN THE CIRCULATION SPACE, MAY NOT PROJECT MORE THAN 4" FROM THE WALL.
9. LOCATE THE WASTE DISPOSAL BIN (INDICATE A SIZE) WHICH WILL NOT ENCRUSH INTO ANY FIXTURE, MANEUVERING, OR DOOR CLEARANCE REQUIREMENT.
10. TOILET PAPER DISPENSER SHOULD NOT PROJECT MORE THAN 3" MAX. INTO CLEAR SPACE OF TOILET BELOW GRAB BAR.
11. TOILET PAPER DISPENSERS SHALL BE 1" MIN. AND 4" MAX. IN FRONT OF THE WATER CLOSET PER 11B-604.7
12. TOILET PAPER DISPENSER TO BE CONTINUOUS FLOW TYPE.

NO.	DATE	REVISION

DATE: 9/13/2019
 JOB NO.: 150703
 DRAWN BY: JH, RG
 CHECKED BY: JFP

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EXISTING RESTROOM FLOOR PLAN AND INTERIOR ELEVATIONS

ROWLAND UNIFIED SCHOOL DISTRICT
 1830 NOGALES STREET
 ROWLAND HEIGHTS, CA., 91748

STANLEY G. OSWALT ACADEMY
 19501 SHADOW OAK DRIVE
 WALNUT, CA 91789



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 FILE # 19 - 92
 APP. # 03 - 119935

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CONSTRUCTION PHASING REQUIREMENTS

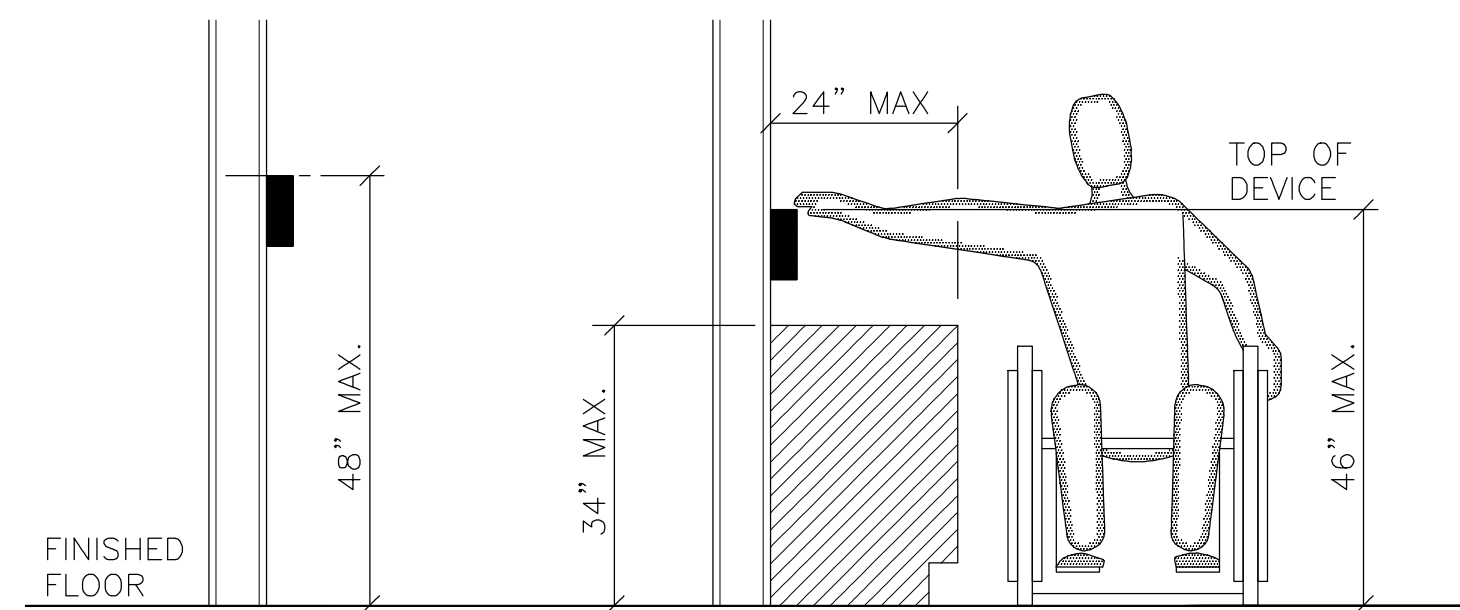
- ALL SERVICE SHUT-DOWNS AND START-UPS SHALL BE SCHEDULE IN ADVANCE AND SUPERVISED OR PERFORMED BY OWNER'S FACILITY STAFF.
- ALL FACILITY OPERATIONS SHALL REMAIN UNINTERRUPTED AND UNDISTURBED. ALL WORK IN OCCUPIED AREAS SHALL BE SCHEDULED AND COORDINATED WITH THE FACILITY SO THAT SUCH WORK IS COMPLETED, AREA CLEANED AND ALL SERVICES RESTORED AND CODE COMPLIANT PRIOR TO RETURNING TO NORMAL OPERATING HOURS.
- ALL CONNECTIONS TO EXISTING SERVICES SHALL BE MADE DURING APPROVED HOURS. SERVICE SHALL BE RESTORED AND CODE-COMPLIANT PRIOR TO NORMAL HOURS. NO SERVICE INTERRUPTIONS DURING NORMAL HOURS ARE ALLOWED UNLESS OTHERWISE PERMITTED.
- ANY WORK SHOWN, BUT NOT SPECIFICALLY DISCUSSED, SHALL BE PERFORMED DURING NORMAL HOURS AT THE APPROPRIATE TIME IN THE CONSTRUCTION SEQUENCE.
- CERTAIN APPROVED-HOURS OPERATIONS MAY BE REQUIRED FOR MORE THAN ONE HOUR PERIOD TO COMPLETE NO ATTEMPT HAS BEEN MADE TO ESTIMATE THE TIME REQUIRED FOR ANY OPERATION. VARIATION TO THIS SUGGESTED SEQUENCE MAY BE MADE AT THE CONTRACTOR'S OPTION. PROVIDE REQUIREMENTS FOR APPROVED PERIOD WORK, SERVICE INTERRUPTIONS, ETC. ARE MET. ALL NON-NORMAL-HOURS WORK SHALL BE KEPT TO A MINIMUM.

SYSTEM VOLTAGE		
CONDUCTOR	208Y/120V	480Y/277V
PHASE A	BLACK	BROWN
PHASE B	RED	ORANGE
PHASE C	BLUE	YELLOW
GROUNDING	GREEN	GREEN

- COLOR CODE CONDUCTOR INSULATION AS INDICATED (SYSTEM VOLTAGE)
- FOR CONDUCTORS No. AWG OR LARGER, PERMANENT PLASTIC-COLORED TAPE MAY BE USED TO MARK CONDUCTOR END IN LIEU OF CODED INSULATION. TAPE SHALL COVER NOT LESS THAN 2 IN. OF CONDUCTOR INSULATION WITHIN ENCLOSURE.
- WHEN PULLING CONDUCTORS, DO NOT EXCEED MANUFACTURER'S RECOMMENDED VALUES.
- USE POLYPROPYLENE OR NYLON ROPES FOR PULLING CONDUCTORS.
- BRANCH CIRCUIT CONDUCTOR SPLICING SHALL BE KEPT TO A MINIMUM, NO MORE THAN ONE PER CIRCUIT.

FEDERAL CODES AND STANDARDS:

AMERICAN WITH DISABILITY ACT (ADA), TITLE II OR TITLE III
 TITLE II : UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS) OR ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR, PART 36).
 TITLE III : ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR, PART 36).



MOUNTING HEIGHTS
N.T.S.
OVER OBSTRUCTION

TYPICAL MOUNTING HEIGHTS ABOVE FINISHED FLOOR (UNLESS OTHERWISE NOTED ON DRAWINGS)

- +48" LIGHT SWITCHES, DIMMER SWITCHES, FIRE ALARM PULL STATION, DUST DETECTOR TEST TO TOP OF BOX, INTERCOM CALL SWITCH, SPEAKER VOLUME CONTROL T-STATS, BY-PASS TIMER, WALL TELEPHONE.
- +18" ALL DUPLEX RECEPTACLES, WALL OUTLET FOR DESK TELEPHONE, COMPUTER OUTLET, TO BOTTOM OF BOX UNLESS OTHERWISE NOTED.

ELECTRICAL NOTES:

- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE FOLLOWING CODES:
 - 2016 CALIFORNIA ADMINISTRATIVE CODE (CAC)
 - PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
 - 2016 CALIFORNIA BUILDING CODE (CBC)
 - PART 2, TITLE 24, CCR
 - BASED ON THE 2015 INTERNATIONAL BUILDING CODE (IBC)
 - 2016 CALIFORNIA ELECTRICAL CODE (CEC)
 - PART 3, TITLE 24, CCR
 - BASED ON THE 2014 NATIONAL ELECTRICAL CODE (NEC)
 - 2016 CALIFORNIA MECHANICAL CODE (CMC)
 - PART 4, TITLE 24, CCR
 - BASED ON THE 2015 UNIFORM MECHANICAL CODE (UMC)
 - 2016 CALIFORNIA PLUMBING CODE (CPC)
 - PART 5, TITLE 24, CCR
 - BASED ON THE 2015 UNIFORM PLUMBING CODE (UPC)
 - 2016 CALIFORNIA FIRE CODE (CFC)
 - PART 9, TITLE 24, CCR
 - BASED ON THE 2015 INTERNATIONAL FIRE CODE (IFC)
 - 2016 CALIFORNIA REFERENCED STANDARDS
 - PART 12, TITLE 24, CCR
 - 2016 PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
- NOTHING IN THESE PLANS OR SPECIFICATIONS ARE TO BE CONSTRUED AS TO PERMIT WORK NOT CONFORMING TO THESE CODES.
- PLACEMENT OF EXISTING CONDUITS/EQUIPMENTS HAS BEEN DEVELOPED FROM THE BEST INFORMATION AVAILABLE FROM THE DISTRICT. THIS DRAWINGS IS PROVIDED AS A GUIDELINES TO BIDDERS/CONTRACTORS AND DOES NOT GUARANTEE ACCURACY OR WARRANT IN ANYWAY. CONSULT WITH DISTRICT'S INSPECTOR PRIOR TO BID OR START OF WORK.
- THE ELECTRICAL DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC IN NATURE, THE DRAWINGS SHOWS THE APPROXIMATE LOCATIONS OF THE EQUIPMENT, DO NOT SHOW ALL NECESSARY J-BOXES, PULL BOXES, CONNECTORS CONDULETS ETC. ALONG CONDUIT RUNS AS NECESSARY TO TERMINATE CONDUITS AND RACEWAY. PROVIDE ACCESS PANELS TO CONCEALED BOXES ABOVE PLASTER CEILINGS. HOWEVER, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL THE EQUIPMENT AND ASSOCIATED WIRING IN SUCH A MANNER AS TO CONFORM WITH THE EXISTING OR NEW STRUCTURE OF THE BUILDING, AVOID ALL OBSTRUCTIONS AND MEET ALL APPLICABLE CODE REQUIREMENTS IN THE CITY OF WALNUT.
- ANY DEFICIENCY PERTAINING TO WORKMANSHIP FOUND BY THE DISTRICT INSPECTOR SHALL BE CORRECTED WITHOUT ADDITIONAL COST TO THE OWNER.
- ALL WIRING SHALL BE COPPER, 600V WITH THWN/THHN INSULATION, MINIMUM SIZE SHALL BE #12 UNLESS OTHERWISE NOTED. CONDUCTOR TEMPERATURE RATED FOR 75 DEG. CELSIUS/167 DEG. FAHRENHEIT
- ALL WIRING METHODS AND MATERIALS USED IN THIS PROJECT SHALL CONFORM TO THE REQUIREMENTS OF NEC AND CEC AS ADOPTED AND AMENDED BY THE CITY OF WALNUT ELECTRICAL AND CODE FIRE PREVENTION BUREAU AND REQUIREMENTS.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE SUPPORT FOR ALL ELECTRICAL EQUIPMENT TO COMPLY WITH THE SEISMIC REQUIREMENTS OF THE CALIFORNIA BUILDING CODE AND ALL LOCAL ORDINANCES.
- PROVIDE GROUND WIRES TO ALL BRANCH CIRCUITS AND FEEDERS AS REQUIRED BY ALL APPLICABLE CODES.
- THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUITS, WIRES, BOXES, SWITCHES AND CONVENIENCE RECEPTACLES. WIREMOLD RACEWAYS, EXPANSION JOINTS, WEATHERHEADS, NECESSARY SEISMIC APPROVED MOUNTING HARDWARES AND INTERMEDIATE BOXES MUST BE INCLUDED IN HIS BID.
- THE ELECTRICAL CONTRACTOR SHALL NOT BORE, NOTCH OR IN ANY OTHER WAY CUT INTO STRUCTURAL MEMBERS WITHOUT THE WRITTEN APPROVAL FROM THE ARCHITECT OR STRUCTURAL ENGINEER OR DISTRICT/DSA FIELD ENGINEER.
- THE LOCATIONS OF ANY ELECTRICAL DEVICES INDICATED ON THE ARCHITECTURAL ELEVATIONS OR SECTIONS TAKE PRECEDENCE OVER THOSE ON THE ELECTRICAL DRAWINGS.
- ALL CONDUITS CONNECTIONS TO EQUIPMENT SUBJECT TO VIBRATIONS SHALL BE MADE WITH SEALTIGHT FLEXIBLE CONDUIT PROVIDING SUFFICIENT SLACK TO MINIMIZE VIBRATION.
- REFER TO EQUIPMENT MANUFACTURE'S/SUPPLIER SPECIFICATIONS AND MATERIAL APPROVED FOR USE UNDER THIS CONTRACT.
- PROVIDE PROPER SIZE BACK BOX ALL SURFACE MOUNTED FIRE ALARM DEVICES I.E. HORN; HORN/STROBES SMOKE DETECTORS, STROBES BOXES SHALL BE INSTALLED PER MANUFACTURER'S RECOMENDATION.
- THE ELECTRICAL CONTRACTOR SHALL FURNISH ALL THE PERMITS AND PAY ALL FEES.
- MOUNT THE FOLLOWING ABOVE FINISH FLOOR:
 - OUTLETS - 18" TO 48" TO BOTTOM OF BOX
 - SWITCHES - 36" TO 48" TO TOP OF BOX
 - THERMOSTATS - 36" TO 48" TO TOP OF BOX
- ELECTRICAL EQUIPMENT SHALL BE LISTED BY A CITY OF WALNUT RECOGNIZED TESTING LABORATORY OR APPROVED BY DSA.
- ALL EQUIPMENT/JUNCTION BOXES EXPOSED TO WEATHER SHALL BE WEATHERPROOF TYPE IN NEMA 3R ENCLOSURE.
- COVER PLATES FOR LIGHTING, POWER, SIGNAL AND COMMUNICATION SHALL BE STAINLESS STEEL. VERIFY WITH SCHOOL DISTRICT STANDARDS.
- USE COPPER TYPE THWN/THHN TO FIRE ALARM.
- PROVIDE 1" WIDE RED LETTERS TO INDICATE NAME OF DEVICE THAT ARE INSTALLED ABOVE CEILING I.E. HEAT DETECTORS.
- USE FIRE RATED U.L. APPROVED FIRE BARRIER COMPOUND TO SEAL ALL SPACES AROUND CONDUIT PENETRATION TO A FIRE RATED WALL BY "SM" CAULKING OR APPROVED EQUAL.
- USE PLENUM RATED CABLES FOR EXPOSED AND RATED CEILING SPACE.
- USE WET LOCATION TYPE SIGNAL WIRING FOR EXTERIOR USE.

STANDARD ELECTRICAL SYMBOLS LIST	
SYMBOLS	DESCRIPTION
	JUNCTION BOX: MOUNT +18" UNLESS NOTED OTHERWISE. JUNCTION BOX: MOUNTED ABOVE ACCESSIBLE CEILING.
	FIRE ALARM HORN WITH STROBE LIGHT, CANDELA RATING AS INDICATED. +80" TO BOTTOM OF STROBE LIGHT. "A" DENOTES AUDIBLE FIRE ALARM SIGNAL CIRCUIT AND "V" DENOTES VISUAL FIRE ALARM SIGNAL CIRCUIT. "15cd" DENOTES CANDELA RATING.
	EXTERIOR W.P. FIRE ALARM HORN. "A1-1" DENOTES AUDIBLE FA SIGNAL CIRCUIT NUMBER.
	ADDRESSABLE HEAT DETECTOR MOUNTED PHOTOELECTRIC TYPE. "S1-1" DENOTES LOOP DETECTOR IDENTIFICATION NUMBER
	ADDRESSABLE HEAT DETECTOR MOUNTED INSIDE ATTIC SPACE. "S1-1" DENOTES LOOP DETECTOR IDENTIFICATION NUMBER
	CONDUIT: EXPOSED IN UNFINISHED AREAS OR AT EXTERIOR; CONCEALED ABOVE CEILING OR IN WALL IN FINISHED AREAS. SIZE AS NOTED ON PLAN U.O.N.
	CONDUIT: IN OR BELOW FLOOR OR BELOW GRADE.
	AERIAL CABLE WITH STEEL MESSENGER WIRE SUPPORT.
	3/4" RACEWAY (3/4" CONDUIT OR WIREMOLD V2100) WITH 2#12.
	3/4" RACEWAY (3/4" CONDUIT OR WIREMOLD V2100) WITH 3#12.
	3/4" RACEWAY (3/4" CONDUIT OR WIREMOLD V2100) WITH 4#12.
	CONDUIT WITH WEATHERHEAD CAP, POINT OF CONNECTION
	GROUND ROD IN GROUND WELL BOX, SEE DETAIL "G/E1.2".
	TELEPHONE, WITH (1)TW CABLE IN WIREMOLD 2400 TO ACCESSIBLE CEILING SPACE. MATCH EXISTIN. +48" A.F.F.
	WALL MOUNTED CLOCK OUTLET
	FIRE ALARM CONTROL PANEL
	DUPLEX RECEPTACLE, 125V, 20 AMP, NEMA 5-20R, +18" A.F.F.
	FLUSH CEILING MOUNTED RECEPTACLE, 125V, 20AMP, NEMA 20R.
	LIGHTING PANEL
	PANEL DESIGNATION, LETTER IDENTIFIES THE PANEL.
	DISTRIBUTION SWITCHBOARD, POWER PANEL "PP"
	3/4" RACEWAY (3/4" CONDUIT OR WIREMOLD V700) WITH ONE "F" CABLE.
	3/4" RACEWAY (3/4" CONDUIT OR WIREMOLD V700) WITH TWO "F" CABLES.
	3/4" RACEWAY (3/4" CONDUIT OR WIREMOLD V700) WITH ONE "F" CABLE & 2#12.
	3/4" RACEWAY (3/4" CONDUIT OR WIREMOLD V700) WITH ONE "F" CABLE & #12.
	1" RACEWAY (1" CONDUIT OR WIREMOLD 2100) WITH ONE "FW" CABLE & #12.
	3/4" RACEWAY (3/4" CONDUIT OR WIREMOLD V2100) WITH 8#12.
	WEST PENN D975, 1 PAIR #18 UNSHIELDED-FA ADDRESSABLE LOOP.
	WEST PENN AQ225, 2 PAIR #16 UNSHIELDED - FA ADDRESSABLE LOOP (UG).
	3/4" RACEWAY WIREMOLD V2400 WITH ONE "T" CABLE. (TEL)
	3/4" RACEWAY WIREMOLD V2400 WITH TWO "T" CABLE. (TEL)
	3/4" RACEWAY WIREMOLD V2400 WITH THREE "T" CABLE. (TEL)
	3/4" RACEWAY WIREMOLD V2400 WITH FOUR "T" CABLE. (TEL)
	3/4" RACEWAY WIREMOLD V2400 WITH FIVE "T" CABLE. (TEL)
	3/4" RACEWAY (3/4" CONDUIT OR WIREMOLD 2400) WITH (1)D CABLES. (DATA)
	3/4" RACEWAY (3/4" CONDUIT OR WIREMOLD 2400) WITH (2)D CABLES. (DATA)
	4 PAIR #24 UTP CAT-6 CABLE (TEL).
	4 PAIR #22 UTP CAT-6 CABLE (TEL). WET LOCATION TYPE.
	4 PAIR #24 UTP CAT-6 CABLE. (DATA)
	4 PAIR #24 UTP CAT-6 CABLE (DATA). WET LOCATION TYPE.
	6 STRAND FIBER OPTIC CABLE, WET LOCATION TYPE.
	2 STRAND FIBER OPTIC CABLE, WET LOCATION TYPE.
	25 PAIR ALPETH TYPE CABLE #22 WET LOCATION.

ABBREVIATION

A.F.F.	ABOVE FINISH FLOOR	HP	HORSE POWER	PATC	PA TERMINAL CABINET.
CAB.	CABINET	J	JUNCTION BOX	FATC	FIRE ALARM TERMINAL CABINET.
C.B.	CIRCUIT BREAKER	L.C.L.	LONG CONTINUOUS LOAD	A.F.F.	ABOVE FINISHED FLOOR.
CKT.	CIRCUIT	M.C.C.	MOTOR CONTROL CENTER	N.F.	NONFUSED DISCONNECT.
CLG.	CEILING	N.I.C.	NOT IN CONTRACT	U.O.N.	UNLESS OTHERWISE NOTED
C.O.	CONDUIT ONLY	NL	NIGHT LIGHT	FACP	FIRE ALARM CONTROL PANEL.
DISC.	DISCONNECT	S	SWITCH	FCPS	FIRE CHARGE POWER SUPPLY.
DISTR.	DISTRIBUTION	W.P.	WEATHERPROOF	FPCS	FIRE CHARGE POWER SUPPLY.
EWI	ELECTRIC WATER COOLER	U.O.N.	UNLESS OTHERWISE NOTED	FOLS	FIRE CHARGE POWER SUPPLY.
EXIST.	EXISTING	O.S.	OVERRIDE SWITCH	EOL	END OF LINE RESISTOR
GRD.	GROUND	SWBD	SWITCHBOARD		

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DATE: 7/17/2019
 JOB NO.: 150703
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 CHECKED BY: MSF

ELECTRICAL SYMBOLS, LIST, NOTES & ABBREVIATIONS-INTERIM HOUSING
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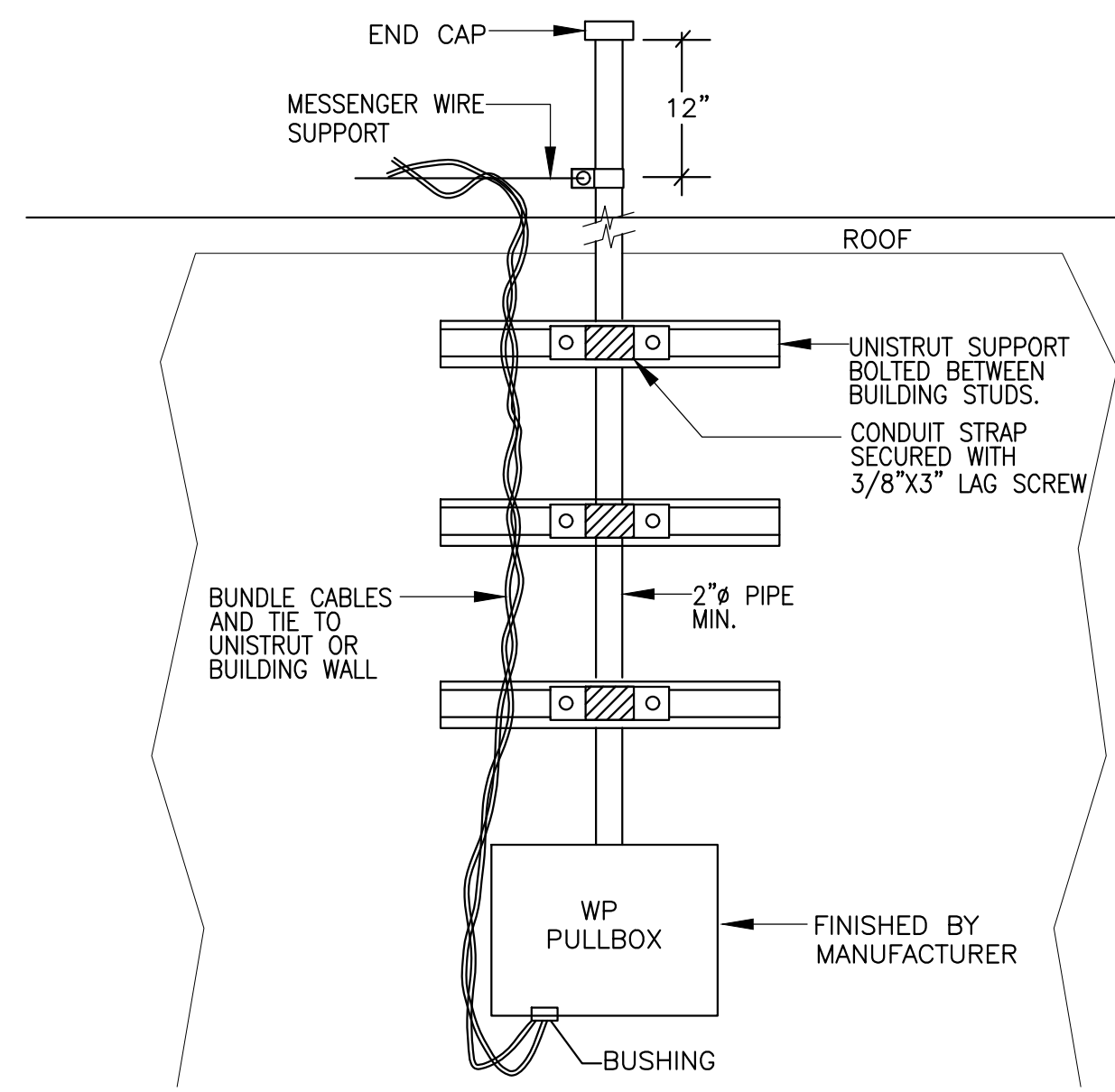
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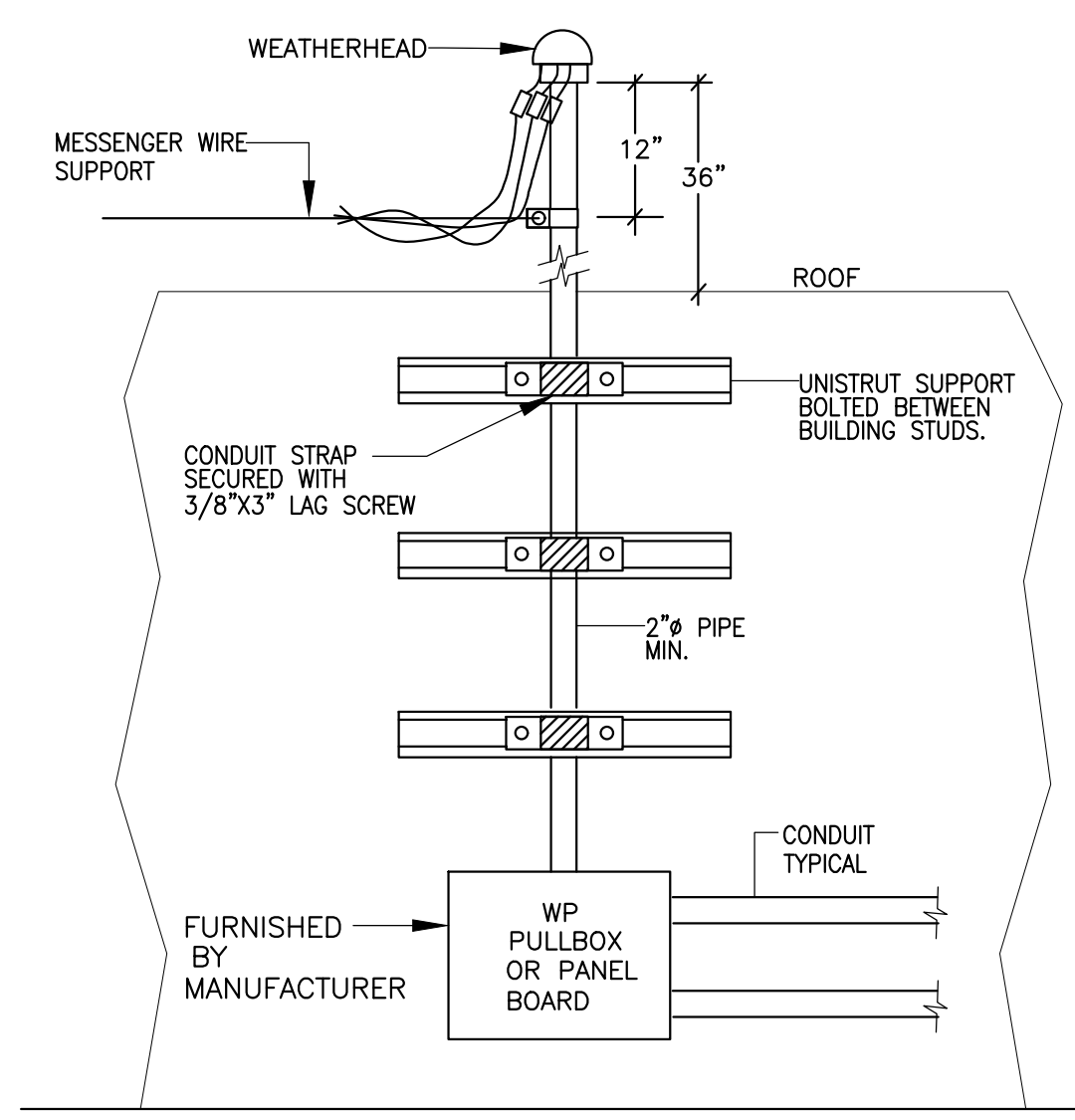
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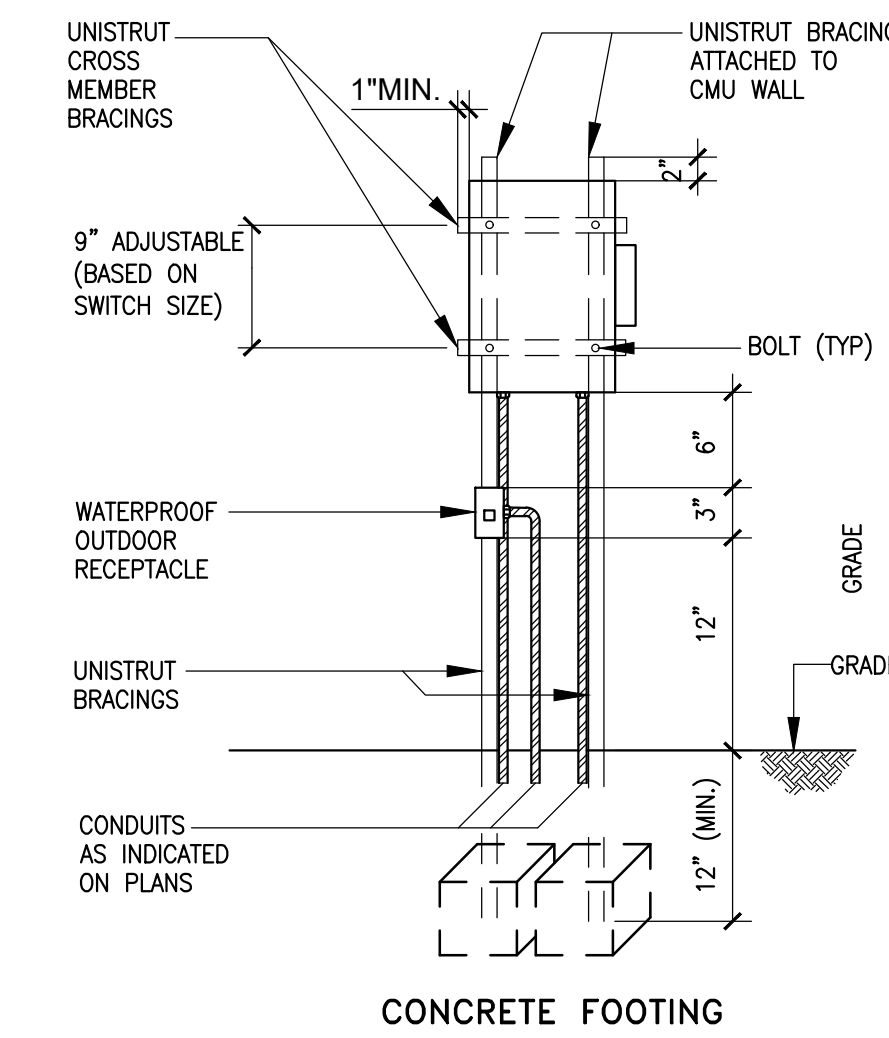
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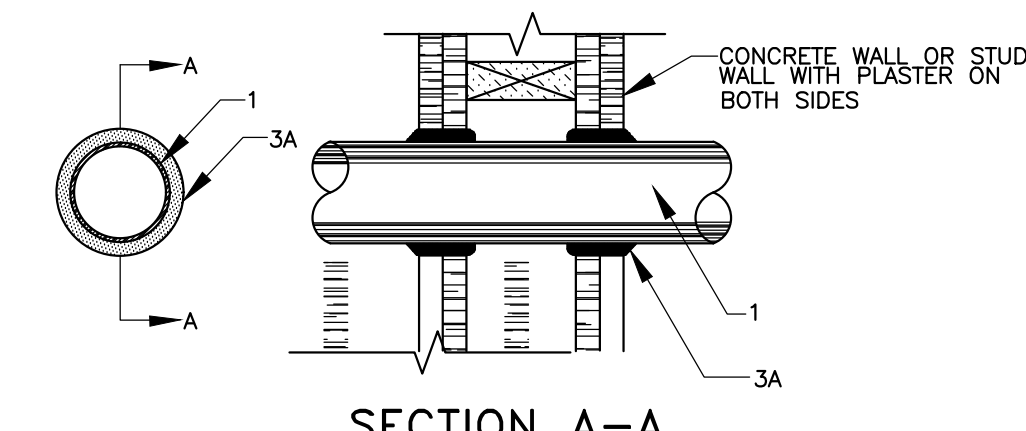
I E1.2 PIPE SUPPORT/MASTDETAIL
SCALE: N.T.S. (FOR SIGNAL SYSTEM)



F E1.2 WEATHERHEAD/MAST DETAIL
SCALE: N.T.S. (FOR POWER)



C E1.2 OUTDOOR DISC. SW. PANELBOARD & REC.
SCALE: N.T.S.

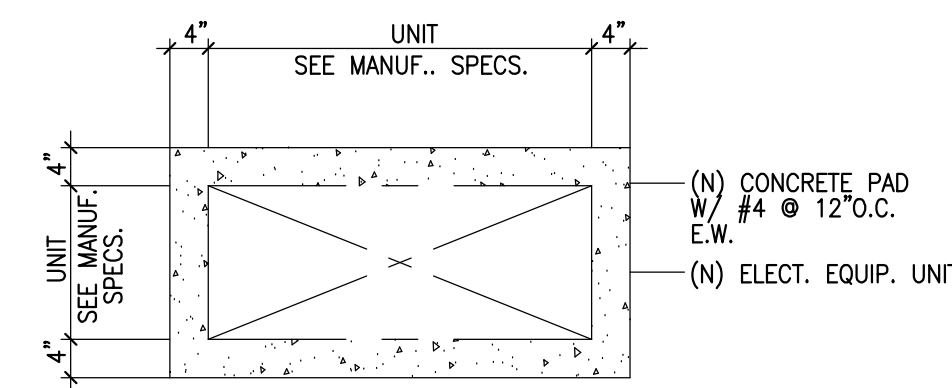


- SECTION A-A**
- PIPE OR CONDUIT - NOM 12 IN. DIA. (OR SMALLER) SCHEDULE 10S (OR HEAVIER) STEEL PIPE, NOM 6 IN. DIA. (OR SMALLER) RIGID STEEL CONDUIT, NOM 4 IN. DIA. (OR SMALLER) STEEL E.M.T., NOM 4 IN. DIA. (OR SMALLER) TYPE L (OR HEAVIER) COPPER PIPE OR NOM 1 IN. DIA. (OR SMALLER) FLEXIBLE STEEL CONDUIT. WHEN COPPER PIPE OR FLEXIBLE STEEL CONDUIT IS USED, MAX F RATING OF FIRESTOP SYSTEM (ITEM 3) IS 2H. STEEL PIPES OR CONDUITS LARGER THAN NOM. 4 IN. DIA. MAY ONLY BE USED IN WALLS CONSTRUCTED USING STEEL CHANNEL STUDS. A MAX OF ONE PIPE OR CONDUIT IS PERMITTED IN THE FIRESTOP SYSTEM. PIPE OR CONDUIT TO BE INSTALLED NEAR CENTER OF STUD CAVITY WIDTH AND TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY.
 - PIPE COVERING - (OPTIONAL) NOM 1 OR 2 IN. THICK HOLLOW CYLINDRICAL HEAVY DENSITY (MIN. 3.5 PCF) GLASS FIBER UNITS JACKETED ON THE OUTSIDE WITH FOIL-SCRM-KRAFT, LONGITUDINAL JOINTS SEALED WITH METAL FASTENERS OR FACTORY-APPLIED SSL. TRANSVERSE JOINTS SEALED WITH METAL FASTENERS OR WITH BUTT STRIP TAPE SUPPLIED WITH THE PRODUCT. SEE PIPE AND EQUIPMENT COVERINGS-MATERIALS (BRGU CATEGORY IN BUILDING MATERIALS DIRECTORY FOR NAMES OF MANUFACTURERS. ANY PIPE COVERING MATERIAL MEETING THE ABOVE SPECIFICATIONS AND BEARING THE UL CLASSIFICATIONS MARKING WITH FLAME SPREAD VALUE 25 OR LESS AND A SMOKE DEVELOPED VALUE OF 50 OR LESS MAY BE USED.
 - FIRESTOP SYSTEMS - INSTALLED SYMMETRICALLY ON BOTH SIDES OF WALL ASSEMBLY. THE HOURLY FIRE RATING OF THE FIRESTOP SYSTEM IS DEPENDENT UPON THE TYPE OR SIZE OF THE PIPE OR CONDUIT, THE ABSENCE OR PRESENCE OF PIPE COVERING (ITEM 2), THE FIRESTOP CONFIGURATION AND THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED. THE FIRESTOP CONFIGURATION (A,B,C, OR D) IS DEPENDENT UPON THE SIZE OF THE ANNULAR SPACE BETWEEN THE PIPE OR CONDUIT (OR PIPE COVERING) AND THE PERIMETER OF THE CIRCULAR THROUGH OPENING IN THE GYPSUM WALLBOARD LAYERS, AS TABULATED BELOW.

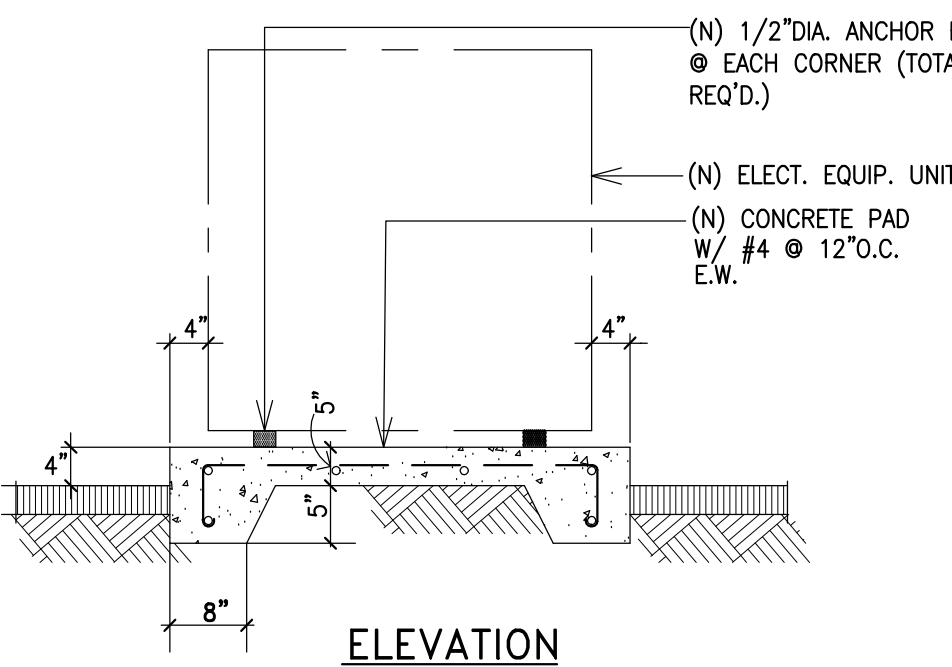
MAX PIPE OR CONDUIT DIA. IN.	NOM PIPE THKNS IN.	SPACE IN.	FIRESTOP CONFIG (A)	F RATING HR.	T RATING HR.
1	NONE	0 TO 3/16	A	1 OR 2	0 +, 1 OR 2
1	NONE	1/4 TO 1/2	A	3 OR 4	3 OR 4
4	NONE	0 TO 1/4	A	1 OR 2	0
6	NONE	1/4 TO 1/2	A	3 OR 4	0
12	NONE	3/16 TO 3/8	A	1 OR 2	0

- + WHEN COPPER PIPE IS USED, T RATING IS OH.
(A) INDICATES FIRESTOP CONFIGURATIONS DESCRIBED IN THE FOLLOWING:
- A. FILL VOID OR CAVITY MATERIAL-CAULK - CAULK FILL MATERIAL INSTALLED TO COMPLETELY FILL ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND GYPSUM WALLBOARD AND WITH A MIN 1/2 IN. DIA. BEAD OF CAULK APPLIED TO PERIMETER OF PIPE OR CONDUIT AS IT EGRESS FROM THE WALL. MINNESOTA MINING & MANUFACTURING-TYPES CP-25 SL, CP-25 N/S, CP-25 W/B (UL #WL1001)

A E1.2 FIRE STOP DETAIL
SCALE: N.T.S.

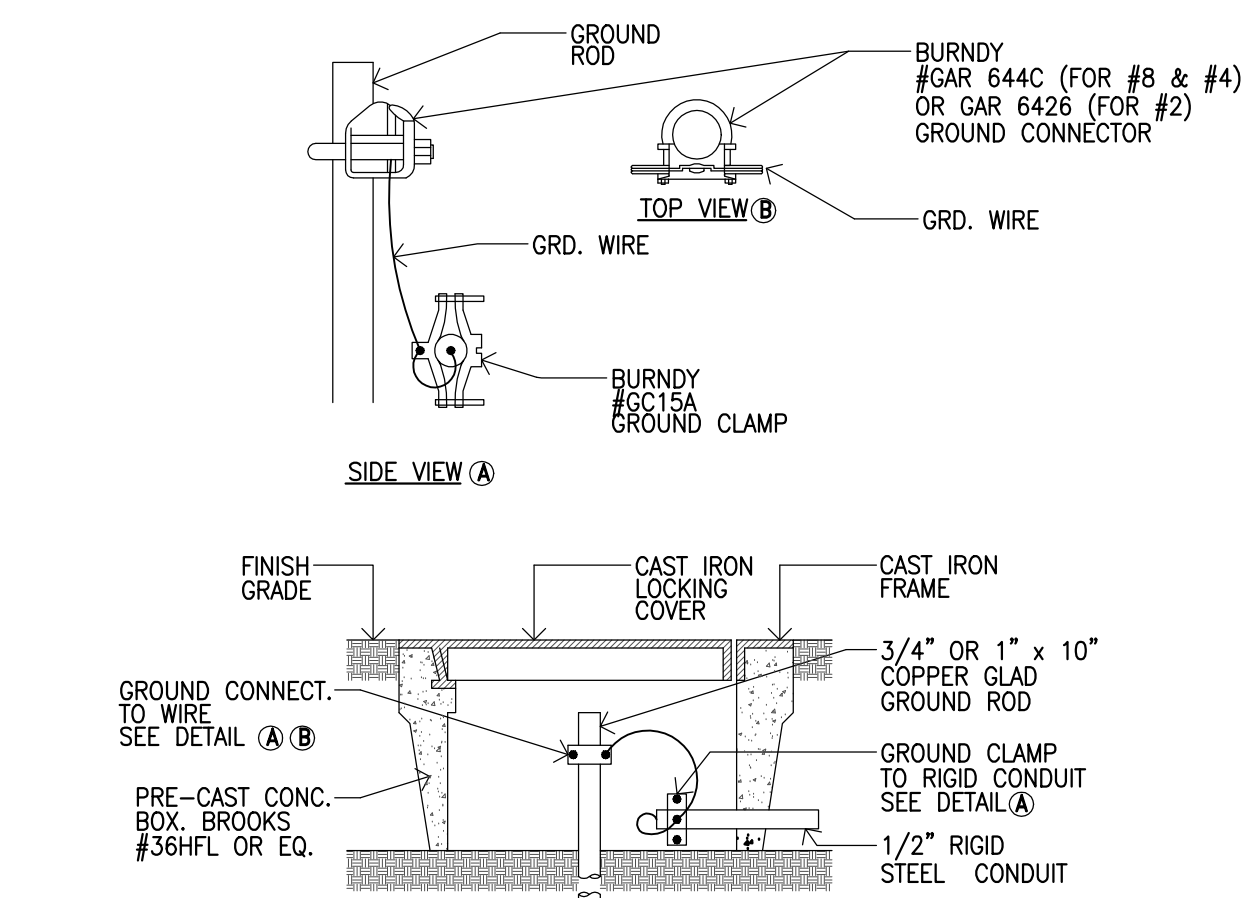


PLAN

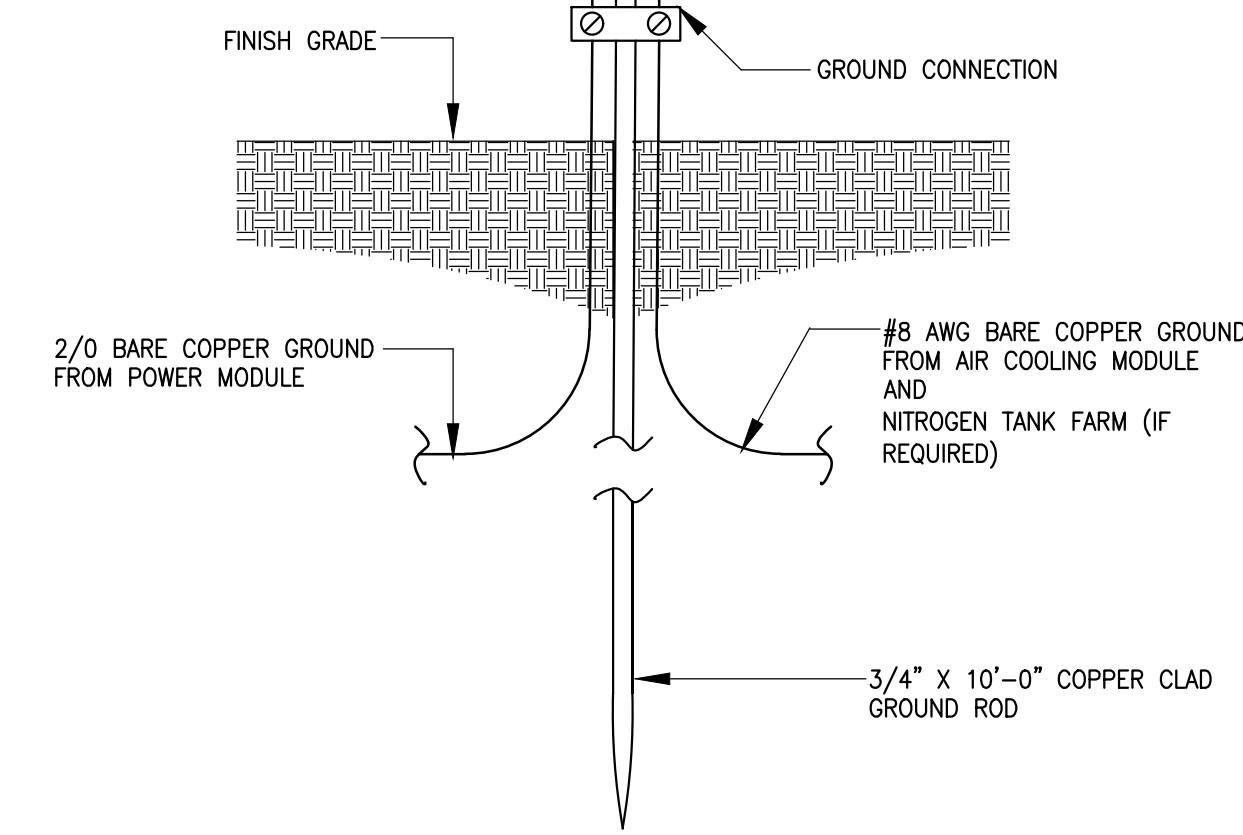


ELEVATION

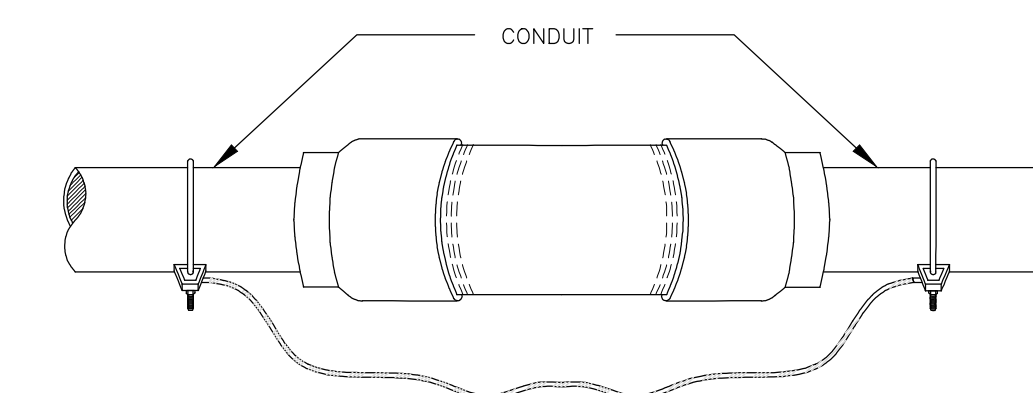
K E1.2 TYPICAL CONCRETE PAD DETAIL
SCALE: N.T.S.
⊙ ASPHALTIC CONC./OR PLANTING AREA



G E1.2 GROUND ROD & PRE-CAST CONCRETE BOX DETAIL
N.T.S.



H E1.2 GROUND ROD DETAIL
SCALE: N.T.S.



D E1.2 CONDUIT AT SEISMIC JOINT
SCALE: N.T.S.

TYPE EX WITH BONDING JUMPER
APPLICATION
EXPANSION FITTING
N.T.S.

TRADE SIZE (inches)	CATALOG NUMBER	MAX. DIA.	DIMENSION IN INCHES Overall Length	Bonding Jumper-24" Catalog Number
3/4	EX-75	2 1/8	11 3/8	BJ-0507-24
1	EX-100	2 3/8	11 3/4	BJ-1012-24
1 1/4	EX-125	2 7/8	11 7/8	BJ-1012-24
1 1/2	EX-150	3 3/8	12 1/4	BJ-1520-24
2	EX-200	4	12 1/2	BJ-1520-24
2 1/2	EX-250	4 5/8	13 1/4	BJ-2530-24
3	EX-300	5 1/8	13 1/4	BJ-2530-24
3 1/2	EX-350	5 3/4	13 1/2	BJ-3540-24
4	EX-400	6 1/4	13 3/4	BJ-3540-24
5	EX-600	8 3/8	15 1/8	BJ-5060-24
6	EX-600	9 1/2	15 3/8	BJ-5060-24

*NOT CSA CERTIFIED

B E1.2 TYPICAL CONDUIT PENETRATION THROUGH FLOOR
SCALE: N.T.S.

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APP. 03-119817 INC-
REVIEWED FOR
SS FLS ACS
DATE:

NO.	DATE	REVISION

DATE: 7/17/2019
JOB NO.: 150703
DRAWN BY: -
CHECKED BY: MSF

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POWER, SIGNAL & COMMUNICATION DETAILS - INTERIM HOUSING

ROWLAND UNIFIED SCHOOL DISTRICT
1830 NOGALES STREET
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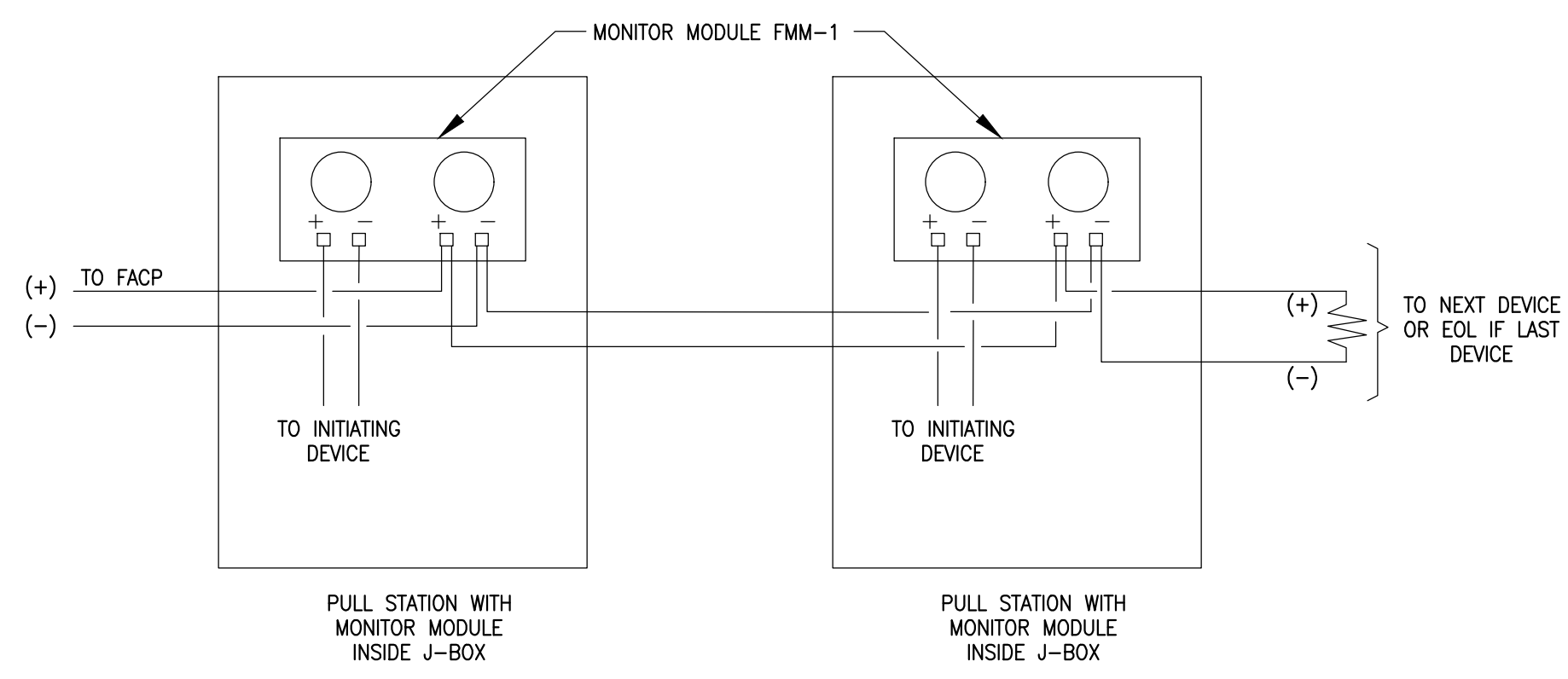
STANLEY G. OSWALT ACADEMY
19501 SHADOW OAK DRIVE
WALNUT, CA 91789

PROFESSIONAL SEAL
Ed J. Jaramila
ELECTRICAL
STATE OF CALIFORNIA
No. 11979
Exp. 09/30/21

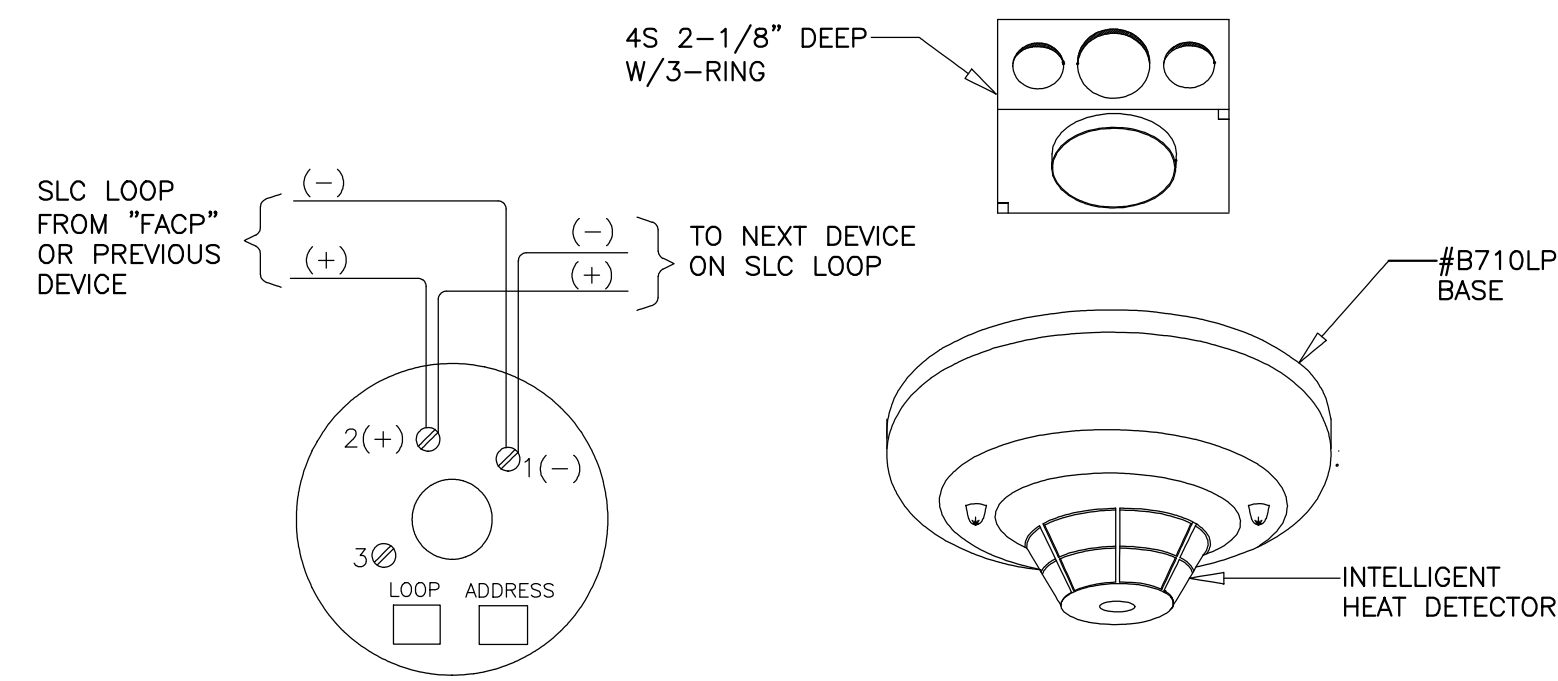
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1155 W. Magnolia Blvd., Burbank, CA 91504
Tel: (818) 442-7285
email: admin@ideengineering.com

SHEET NO.
E1.2

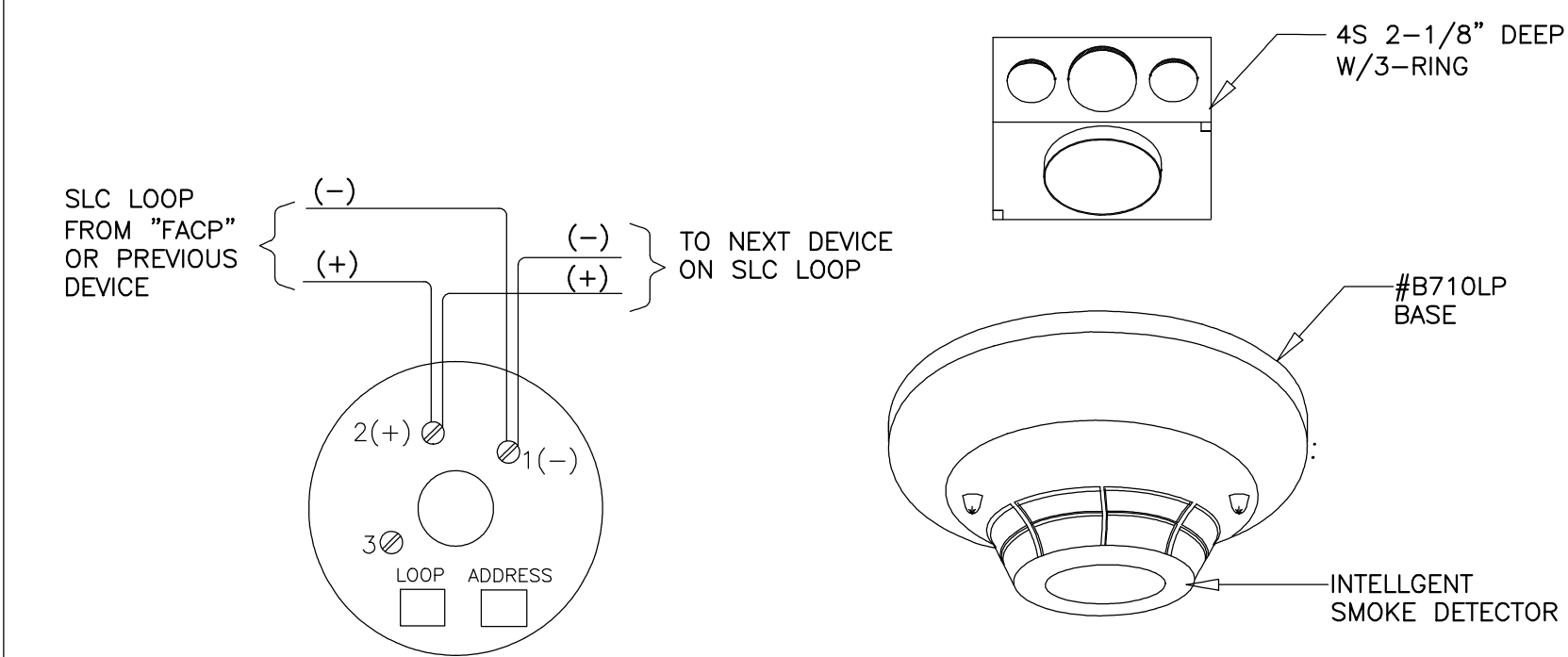
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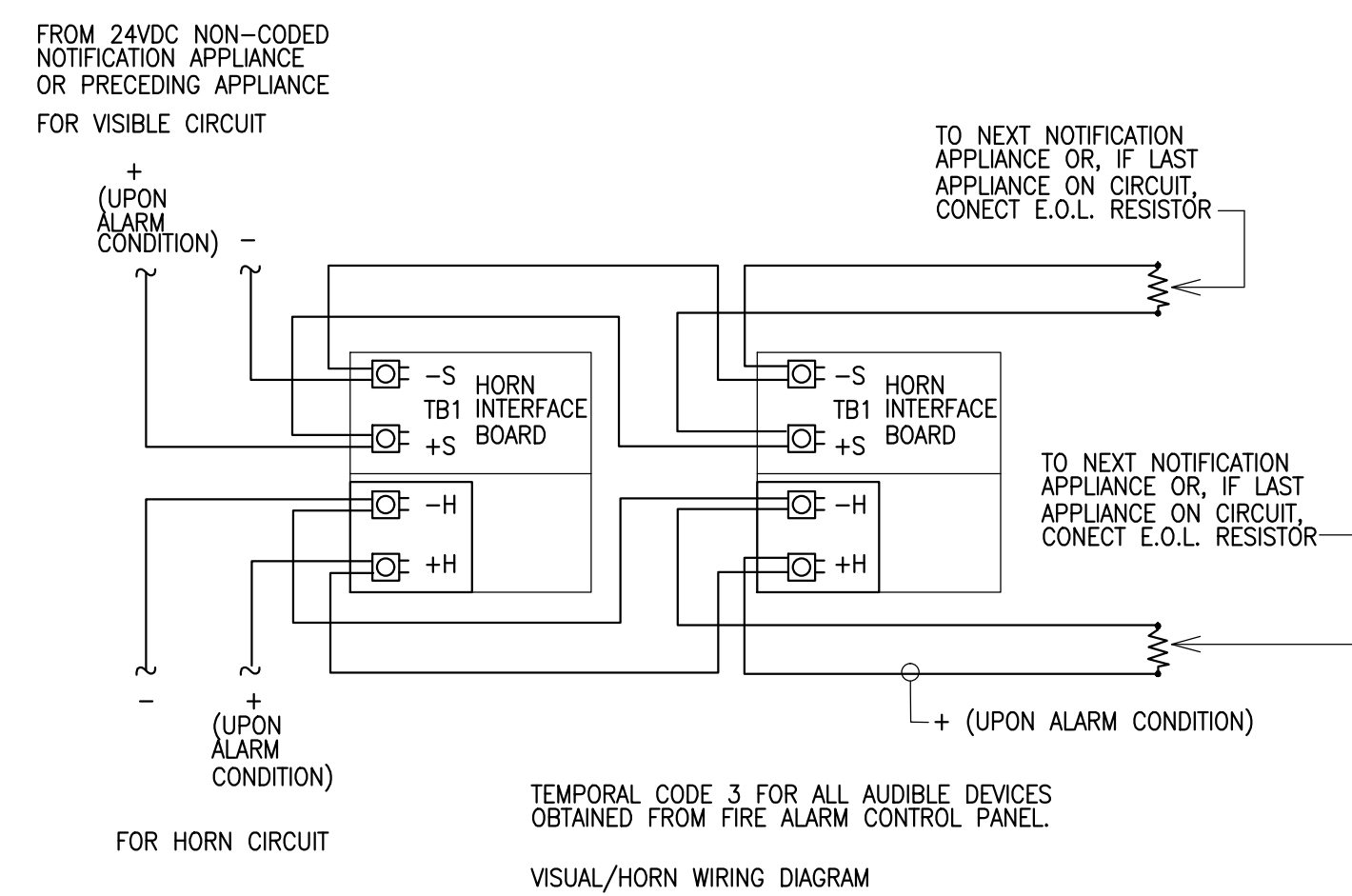
C
E1.3 ADDRESSABLE PULL STATION
SCALE: N.T.S.



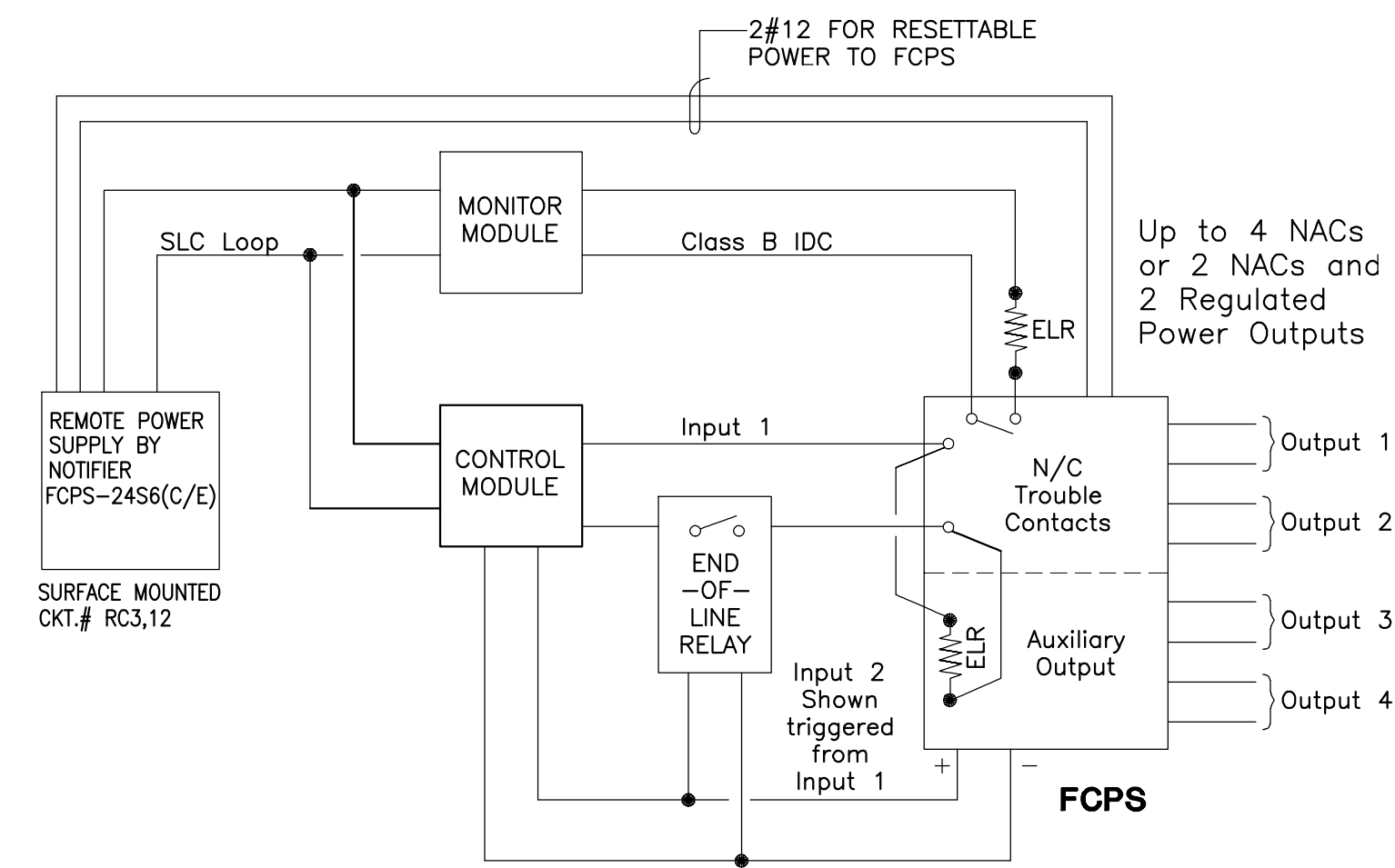
B
E1.3 NOTIFIER #FST-851 HEAT DETECTOR
SCALE: N.T.S.



A
E1.3 NOTIFIER #FAPT-851 LOW PROFILE SMOKE DETECTOR
SCALE: N.T.S.

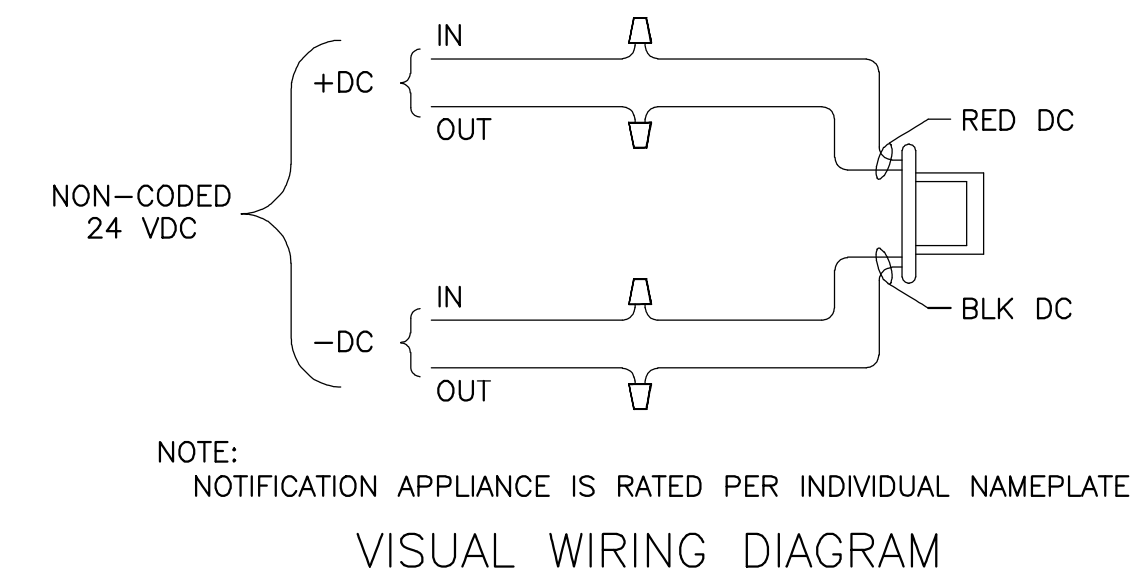


F
E1.3 DUAL INPUT SPEAKER
SCALE: N.T.S.



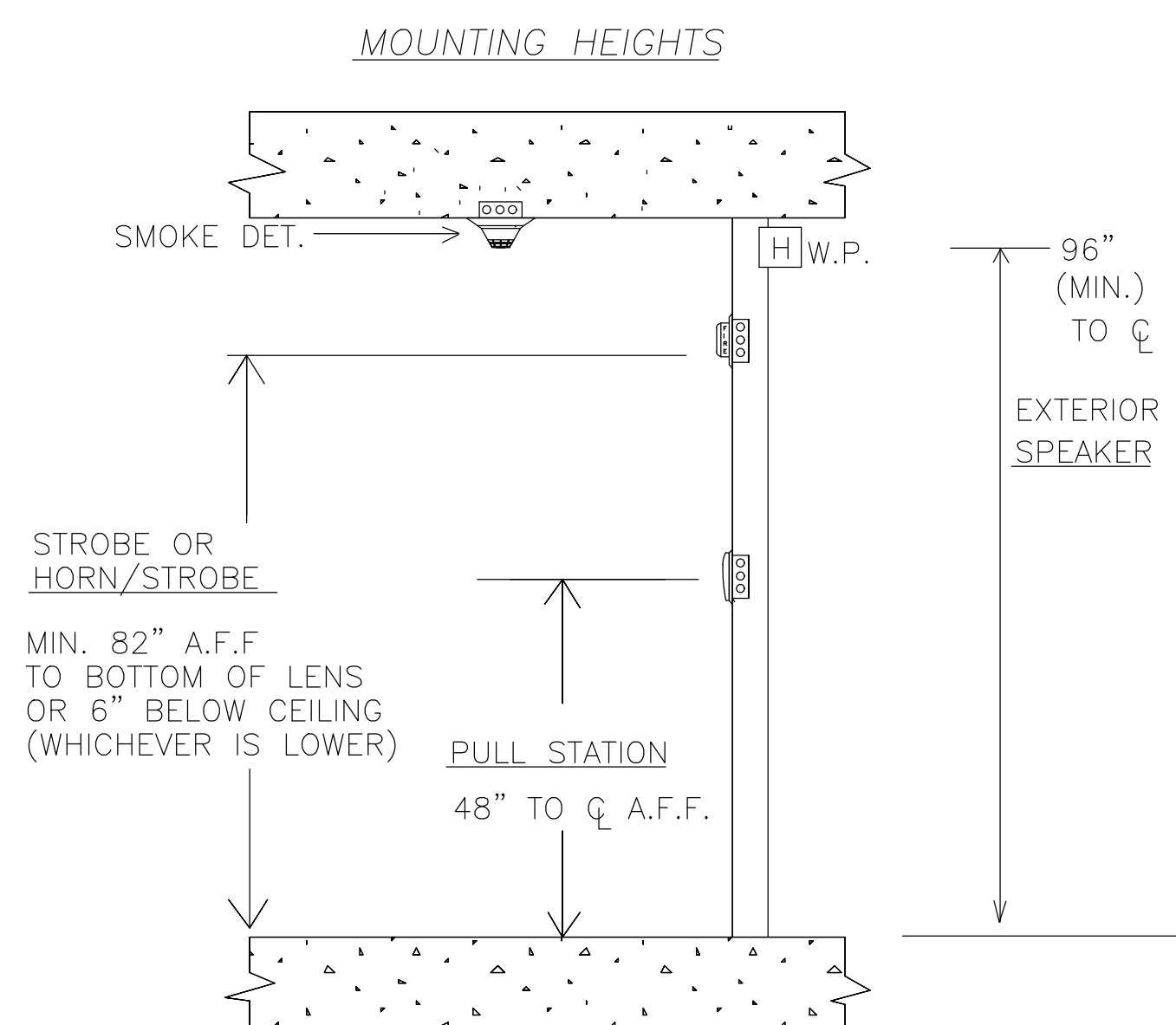
NOTE:
 1. THE ADDRESSABLE CONTROL MODULE IS USED TO ACTIVATE THE FCPS. TROUBLE CONDITIONS ON THE FCPS-24 ARE SENSED BY THE MONITOR MODULE.
 2. TEMPORAL CODE 3 FOR ALL AUDIBLE DEVICES OBTAINED FROM THE FACP.

E
E1.3 FCPS-24 WIRING DIAGRAM
SCALE: N.T.S.

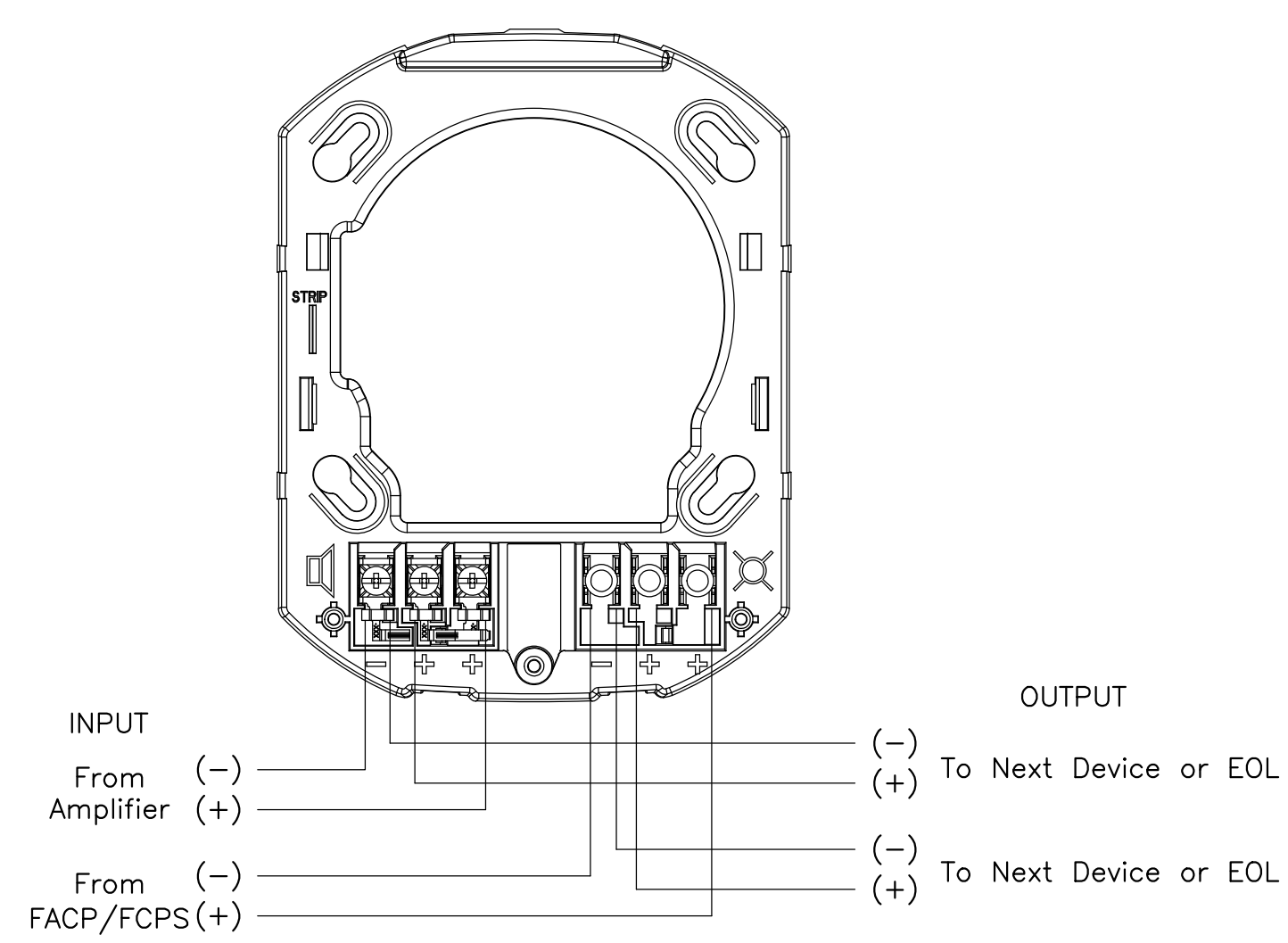


NOTE:
 NOTIFICATION APPLIANCE IS RATED PER INDIVIDUAL NAMEPLATE.
 VISUAL WIRING DIAGRAM

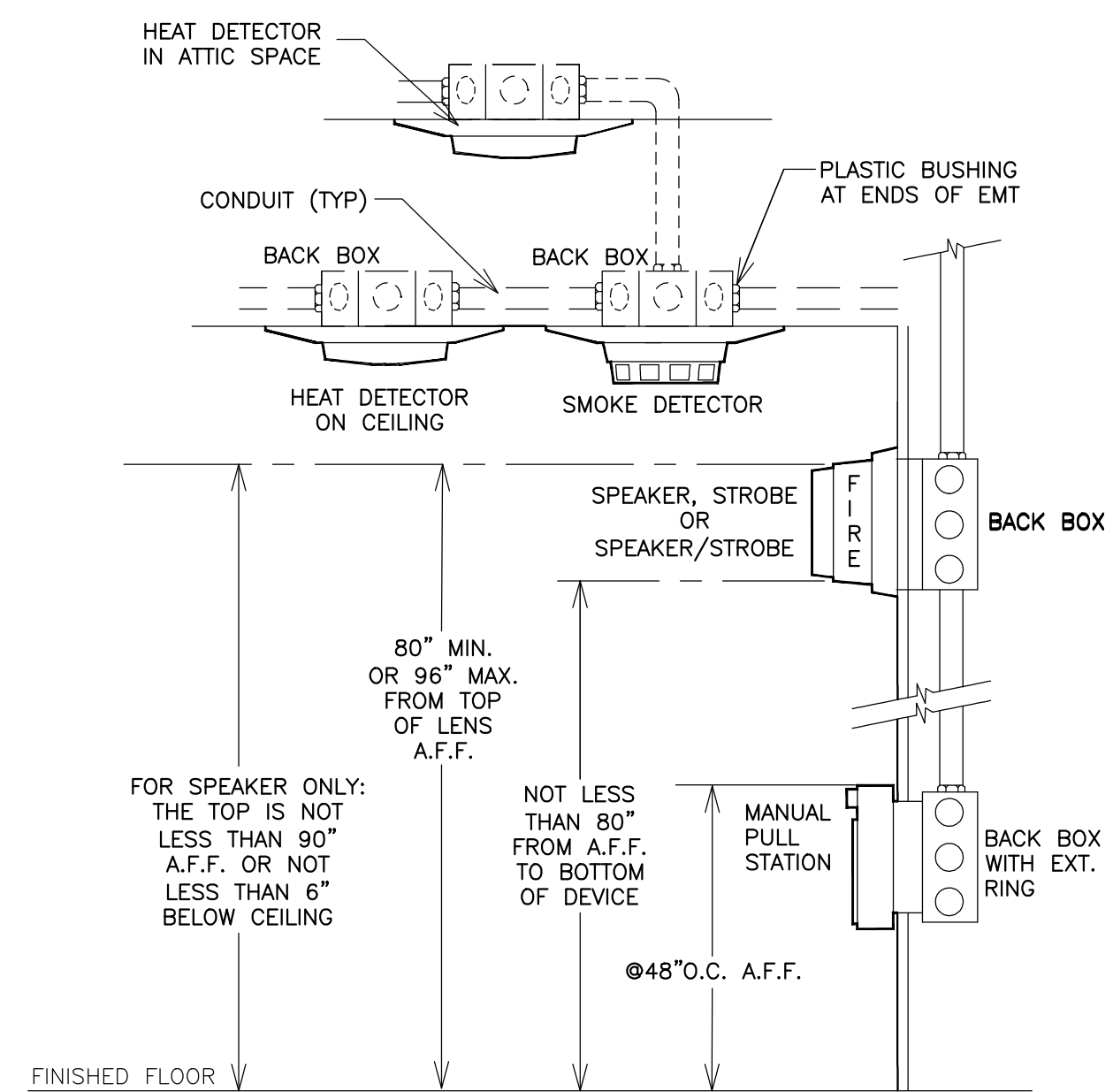
D
E1.3 STROBE LIGHTS
SCALE: N.T.S.



I
E1.3 HORN/STROBES
FOR OUTSIDE APPLICATION, USE WEATHERPROOF ENCLOSURE.



H
E1.3 OUTPUT SPEAKER/STROBES



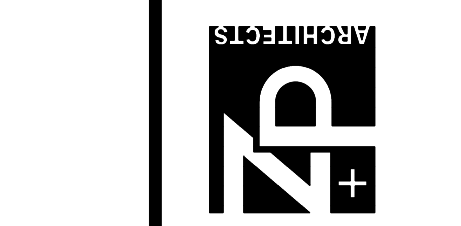
G
E1.3 PULL STATION, HORN & STROBE HEIGHT REQUIREMENTS
SCALE: N.T.S.
FOR OUTSIDE APPLICATION, USE WEATHERPROOF ENCLOSURE.

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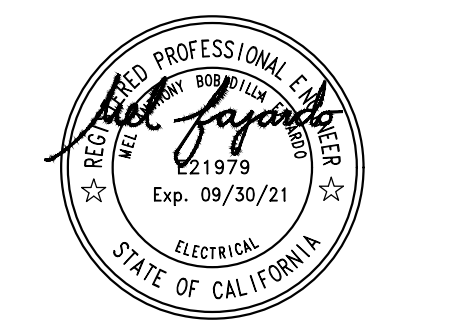
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FIRE ALARM SYSTEM - INTERIM HOUSING
 ROWLAND UNIFIED SCHOOL DISTRICT
 1830 NOGALES STREET
 ROWLAND HEIGHTS, CA. 91748

STANLEY G. OSWALT ACADEMY
 19501 SHADOW OAK DRIVE
 WALNUT, CA 91789

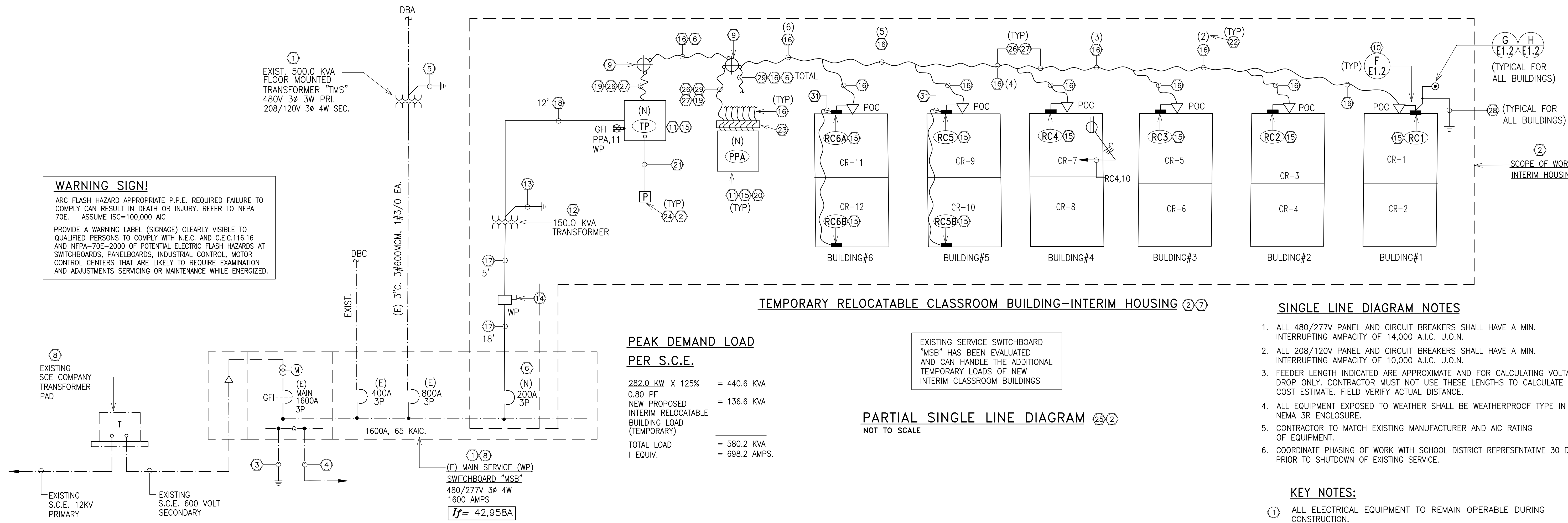


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 email: oswalt@ideengineering.com

SHEET NO.
E1.3

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WARNING SIGN!
 ARC FLASH HAZARD APPROPRIATE P.P.E. REQUIRED FAILURE TO COMPLY CAN RESULT IN DEATH OR INJURY. REFER TO NFPA 70E. ASSUME ISC=100,000 AIC
 PROVIDE A WARNING LABEL (SIGNAGE) CLEARLY VISIBLE TO QUALIFIED PERSONS TO COMPLY WITH N.E.C. AND C.E.C.116.16 AND NFPA 70E-2000 OF POTENTIAL ELECTRIC FLASH HAZARDS AT SWITCHBOARDS, PANELBOARDS, INDUSTRIAL CONTROL MOTOR CONTROL CENTERS THAT ARE LIKELY TO REQUIRE EXAMINATION AND ADJUSTMENTS SERVICING OR MAINTENANCE WHILE ENERGIZED.



(APPLIES TO BUILDINGS #5 & #6 ONLY)

VOLTS 240/120V 1# 3# 4W		BUS RATING 125 AMP		PANEL RC5A/RC5B (EXISTING)		FEED MOUNTING EXTERIOR LB FLUSH	
LOCATION	WATTAGE	ØA	ØB	ØA	ØB	ØA	ØB
LIGHTS FLUORESCENT	624			1	20-1	35-2	2
LIGHTS FLUORESCENT & EXTER.	724			3	20-1		
LIGHTS FLUORESCENT	624			1	5	20-1	
DUPLEX RECEPT.	400			4	7	20-1	
DUPLEX RECEPT. & CLOCK	400			4	9	20-1	
SPARE				13	20-1		
SPARE				15	20-1		
SPARE				17	20-1		
SPARE				19			
SPARE				21			
SPARE				23			
SPARE				25			
SPARE				26			
SPARE				27			
SPARE				29			
SPARE				31			
SPARE				33			
SPARE				35			
SPARE				37			
SPARE				39			
SPARE				41			
TOTAL PER PHASE = 3172 VA		1648	1524			3550	3190
TOTAL CONNECTED LOAD BOTH SIDES = 9.9 KVA						L.C.L. = 9.5 KVA @ 125%	
Ø PROVIDE LOCK-ON DEVICE	Ø PROVIDE HANDLE TIES	Ø SHUNT TRIP CIRCUIT BREAKER	Ø HACR CIRCUIT BREAKER	Ø SHUNT TRIP CIRCUIT BREAKER	Ø HACR CIRCUIT BREAKER	Ø SHUNT TRIP CIRCUIT BREAKER	Ø HACR CIRCUIT BREAKER
≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK
□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD
* SEE SHEET E4.2							

(TYPICAL FOR RC6A, RC6B)

VOLTS 208/120V 3# 4W		BUS RATING 400 AMP		PANEL TP (NEW)		FEED TOP MOUNTING SURFACE	
LOCATION/DESCRIPTION	WATTAGE	ØA	ØB	ØA	ØB	ØA	ØB
PANEL PPA	39152			1	1	350-3	
W/CKT#1				4			
W/CKT#1				6			
W/CKT#7	700			1	7	30-2	
SPARE				20-1	8		
SPARE				20-1	10		
SPARE				20-1	12		
SPARE				20-1	14		
SPARE				20-1	16		
SPARE				20-1	18		
SPARE				20-1	20		
SPARE				20-1	22		
SPARE				20-1	24		
SPARE				20-1	26		
SPARE				20-1	28		
SPARE				20-1	30		
SPARE				20-1	32		
SPARE				20-1	34		
SPARE				20-1	36		
SPARE				20-1	38		
SPARE				20-1	40		
SPARE				20-1	42		
TOTAL PER PHASE = 121,856 VA		40452	40852	40552		3240	4020
TOTAL CONNECTED LOAD BOTH SIDES = 133.1 KVA						L.C.L. = 30.0 KVA @ 125%	
Ø PROVIDE LOCK-ON DEVICE	Ø PROVIDE HANDLE TIES	Ø SHUNT TRIP CIRCUIT BREAKER	Ø HACR CIRCUIT BREAKER	Ø SHUNT TRIP CIRCUIT BREAKER	Ø HACR CIRCUIT BREAKER	Ø SHUNT TRIP CIRCUIT BREAKER	Ø HACR CIRCUIT BREAKER
≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK
□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD
* SEE SHEET E4.2							

(10 KAIC)

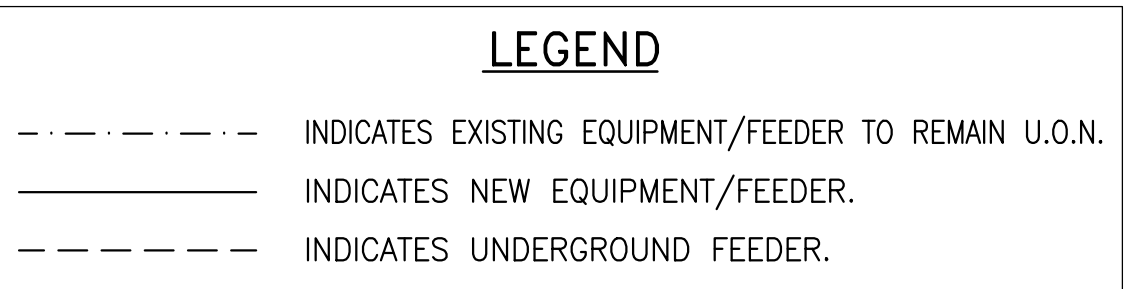
VOLTS 208/120V 3# 4W		BUS RATING 400 AMP		PANEL PPA (NEW)		FEED TOP MOUNTING SURFACE	
LOCATION/DESCRIPTION	WATTAGE	ØA	ØB	ØA	ØB	ØA	ØB
PANEL RC1	9528			1	1	125-2	
W/CKT.#1				3			
PANEL RC2	9528			1	5	125-2	
W/CKT.#5	10048			7			
PANEL RC3	9528			1	9	125-2	
W/CKT.#9				11			
RECEPTACLE	360			1	13	20-1	
SPARE				15	20-1		
SPARE				17	20-1		
SPARE				19			
SPARE				21			
SPARE				23			
SPARE				25			
SPARE				26			
SPARE				27			
SPARE				29			
SPARE				31			
SPARE				33			
SPARE				35			
SPARE				37			
SPARE				39			
SPARE				41			
TOTAL PER PHASE = 59088 VA		19936	19576	19576		19576	19576
TOTAL CONNECTED LOAD BOTH SIDES = 117.4 KVA						L.C.L. = 25.0 KVA @ 125%	
Ø PROVIDE LOCK-ON DEVICE	Ø PROVIDE HANDLE TIES	Ø SHUNT TRIP CIRCUIT BREAKER	Ø HACR CIRCUIT BREAKER	Ø SHUNT TRIP CIRCUIT BREAKER	Ø HACR CIRCUIT BREAKER	Ø SHUNT TRIP CIRCUIT BREAKER	Ø HACR CIRCUIT BREAKER
≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK
□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD
* SEE SHEET E4.2							

(APPLIES TO BUILDINGS #1, #2, #3 & #4 ONLY)

VOLTS 240/120V 1# 3# 4W		BUS RATING 125 AMP		PANEL RC1 (EXISTING)		FEED EXTERIOR LB FLUSH	
LOCATION	WATTAGE	ØA	ØB	ØA	ØB	ØA	ØB
LIGHTS FLUORESCENT	624			1	20-1	35-2	2
LIGHTS FLUORESCENT & EXTER.	724			3	20-1		
LIGHTS FLUORESCENT	624			1	5	20-1	
DUPLEX RECEPT. & CLOCK	400			4	7	20-1	
DUPLEX RECEPT.	400			4	9	20-1	
LIGHTS FLUORESCENT & EXTER.	724			1	11	20-1	
LIGHTS FLUORESCENT	400			1	13	20-1	
CLG. RECEPT.	360			2	15	20-1	
DUPLEX RECEPT. & CLOCK	400			1	17	20-1	
DUPLEX RECEPT.	1080			6	19	20-1	
SPACE				21			
SPACE				23			
SPACE				25			
SPACE				26			
SPACE				27			
SPACE				29			
SPACE				31			
SPACE				33			
SPACE				35			
SPACE				37			
SPACE				39			
SPACE				41			
TOTAL PER PHASE = 5736 VA		2448	3288			7440	7080
TOTAL CONNECTED LOAD BOTH SIDES = 20.2 KVA						L.C.L. = 9.5 KVA @ 125%	
Ø PROVIDE LOCK-ON DEVICE	Ø PROVIDE HANDLE TIES	Ø SHUNT TRIP CIRCUIT BREAKER	Ø HACR CIRCUIT BREAKER	Ø SHUNT TRIP CIRCUIT BREAKER	Ø HACR CIRCUIT BREAKER	Ø SHUNT TRIP CIRCUIT BREAKER	Ø HACR CIRCUIT BREAKER
≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK	≠ CONTROLLED VIA TIME CLOCK
□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD	□ LONG CONTINUOUS LOAD
* SEE SHEET E4.2							

- SINGLE LINE DIAGRAM NOTES**
- ALL 480/277V PANEL AND CIRCUIT BREAKERS SHALL HAVE A MIN. INTERRUPTING CAPACITY OF 14,000 A.I.C. U.O.N.
 - ALL 208/120V PANEL AND CIRCUIT BREAKERS SHALL HAVE A MIN. INTERRUPTING CAPACITY OF 10,000 A.I.C. U.O.N.
 - FEEDER LENGTH INDICATED ARE APPROXIMATE AND FOR CALCULATING VOLTAGE DROP ONLY. CONTRACTOR MUST NOT USE THESE LENGTHS TO CALCULATE COST ESTIMATE. FIELD VERIFY ACTUAL DISTANCE.
 - ALL EQUIPMENT EXPOSED TO WEATHER SHALL BE WEATHERPROOF TYPE IN NEMA 3R ENCLOSURE.
 - CONTRACTOR TO MATCH EXISTING MANUFACTURER AND AIC RATING OF EQUIPMENT.
 - COORDINATE PHASING OF WORK WITH SCHOOL DISTRICT REPRESENTATIVE 30 DAYS PRIOR TO SHUTDOWN OF EXISTING SERVICE.

- KEY NOTES:**
- ALL ELECTRICAL EQUIPMENT TO REMAIN OPERABLE DURING CONSTRUCTION.
 - SEE SITE PLAN-INTERIM HOUSING ON SHEET E2.1 FOR ADDITIONAL INFORMATION.
 - EXISTING 1"Ø, 1#4/0 CU. GRD. TO COPPER, DRIVEN GROUND ROD PER NEC ART. 250.
 - EXISTING 1"Ø, 1#4/0 CU. WITHIN 5' ENTRY TO BUILDING PER NEC. ART. 250.
 - EXISTING GROUNDING TO REMAIN.
 - PROVIDE NEW CIRCUIT BREAKER TO MATCH EXISTING MANUFACTURER AND AIC RATING MINIMUM 65 KAIC.
 - SEE FLOOR PLANS ON SHEETS E3.1, E3.2 AND E4.1 FOR ADDITIONAL INFORMATION.
 - COORDINATE WITH SOUTHERN CALIFORNIA EDISON COMPANY FOR ANY SERVICE INTERRUPTION DURING CONSTRUCTION.
 - NEW 35' HIGH WOODEN POLE FROM FINISHED GROUND LEVEL EQUIPPED WITH 24" LONG MINIMUM ARM BRACKETS ABOVE POLE FOR OVERHEAD DISTRIBUTION OF LOW VOLTAGE, COMMUNICATION AND POWER LINES.
 - PROVIDE NEW PANELBOARD FOR OVER OVERHEAD POWER LINE.
 - PROVIDE NEW PANELBOARD TO MATCH EXISTING MANUFACTURER AND AIC RATING MINIMUM 10,000 AMPS UNLESS NOTED OTHERWISE SUITABLE FOR WET LOCATION (WP).
 - NEW 150.0 KVA FLOOR MOUNTED TRANSFORMER 480V 3Ø 3W PRIMARY TO 208/120V 3Ø 4W SECONDARY IN NEMA 3R WEATHERPROOF ENCLOSURE.
 - PROVIDE 1/2"Ø, 1#2 GRD. TO COPPER DRIVEN GROUND ROD.
 - NEW 200AS-3P, 600 VOLT RATED NON-FUSED DISCONNECT SWITCH IN NEMA 3R ENCLOSURE.
 - SEE PANEL SCHEDULE THIS SHEET FOR ADDITIONAL INFORMATION.
 - OVERHEAD SERVICE ENTRANCE, 3#1/0, 1#4 GRD TYPE SER ALUMINUM CABLE.
 - 2"Ø, (RS) 3#3/0, 1#6 GRD. (EXPOSED).
 - (2) 2 1/2"Ø, (RS) 4#4/0, 1#1 GRD EACH.
 - 2 SETS 4#4/0, 1#1 GRD EACH OVERHEAD TYPE SER ALUMINUM CABLE.
 - BALANCE PHASE ØA, ØB, ØC TO EACH SINGLE PHASE PANELBOARDS.
 - PROVIDE 1-1/2"Ø, (RS) 4#2, 1#6 GRD., COIL UP 30' EXTRA WIRE FOR FUTURE WORK.
 - PANELBOARD IS BUILT IN WITHIN CLASSROOM BUILDING AND IS TO REMAIN.
 - PROVIDE 24"X12"X1/2" DEEP WIRE WARE ABOVE POWER PANEL THAT INCLUDES CONNECTORS TO HOLD SER CABLES IN WEATHERPROOF ENCLOSURE. PROVIDE SEISMIC APPROVED HARDWARE.
 - 16"X12"X4" SURFACE MOUNTED PULL BOX IN NEMA 3R ENCLOSURE, PROVIDE SEISMIC APPROVED MOUNTING HARDWARE.
 - ALL WORK EXPOSED TO WEATHER SHALL BE WEATHERPROOF TYPE IN NEMA 3R ENCLOSURE.
 - PROVIDE 4 PLEX AERIAL CABLE WITH MESSENGER WIRE CABLE SUPPORT.
 - PROVIDE SPLICING KIT TO CONNECT COPPER AND ALUMINUM CABLES.
 - BOND 1#6 GROUND TO BUILDING STEEL AND METAL RAMP GROUND RAIL.
 - RUN (7) SER ALUMINUM CABLE VIA WIREWAY/UNISTRUT TO AND FROM WOODEN POLE ARM BRACKET FROM SOURCE TO EACH INDIVIDUAL RELOCATABLE BUILDINGS AS INDICATED.
 - THIS CIRCUIT ONLY APPLIES TO BUILDING #4.
 - PROVIDE DOUBLE LUG.



- ABBREVIATION**
- (E) EXISTING TO REMAIN
 - (N) NEW WORK
 - (RS) RIGID STEEL CONDUIT
 - (SER) SERVICE ENTRANCE OVERHEAD CABLE

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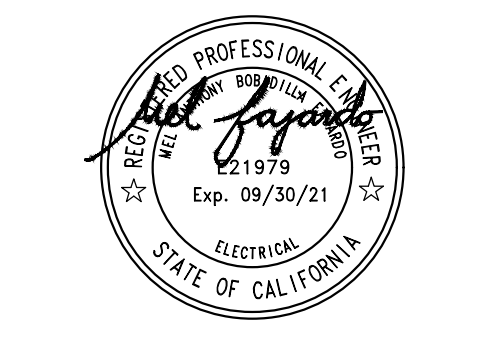
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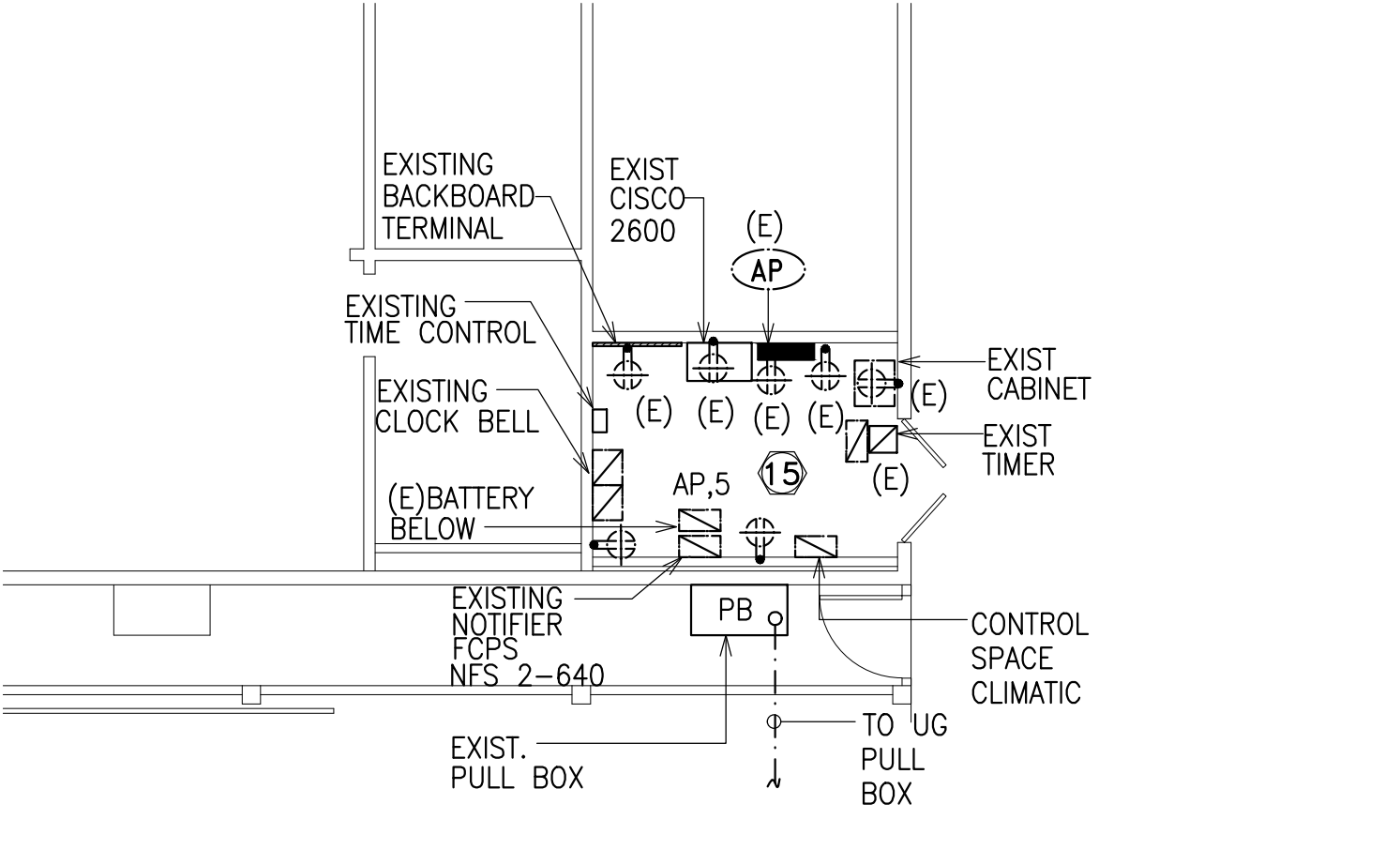
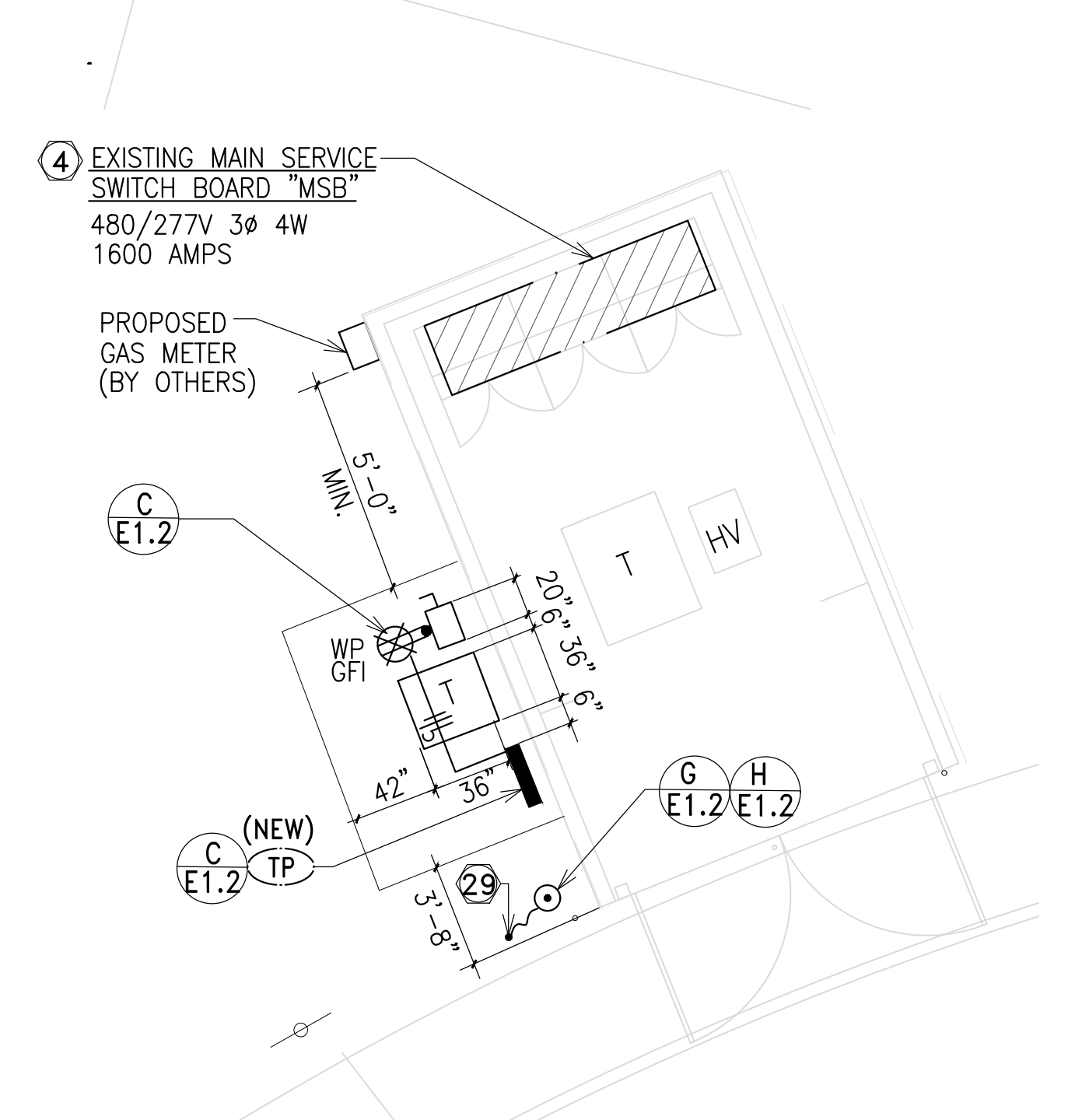
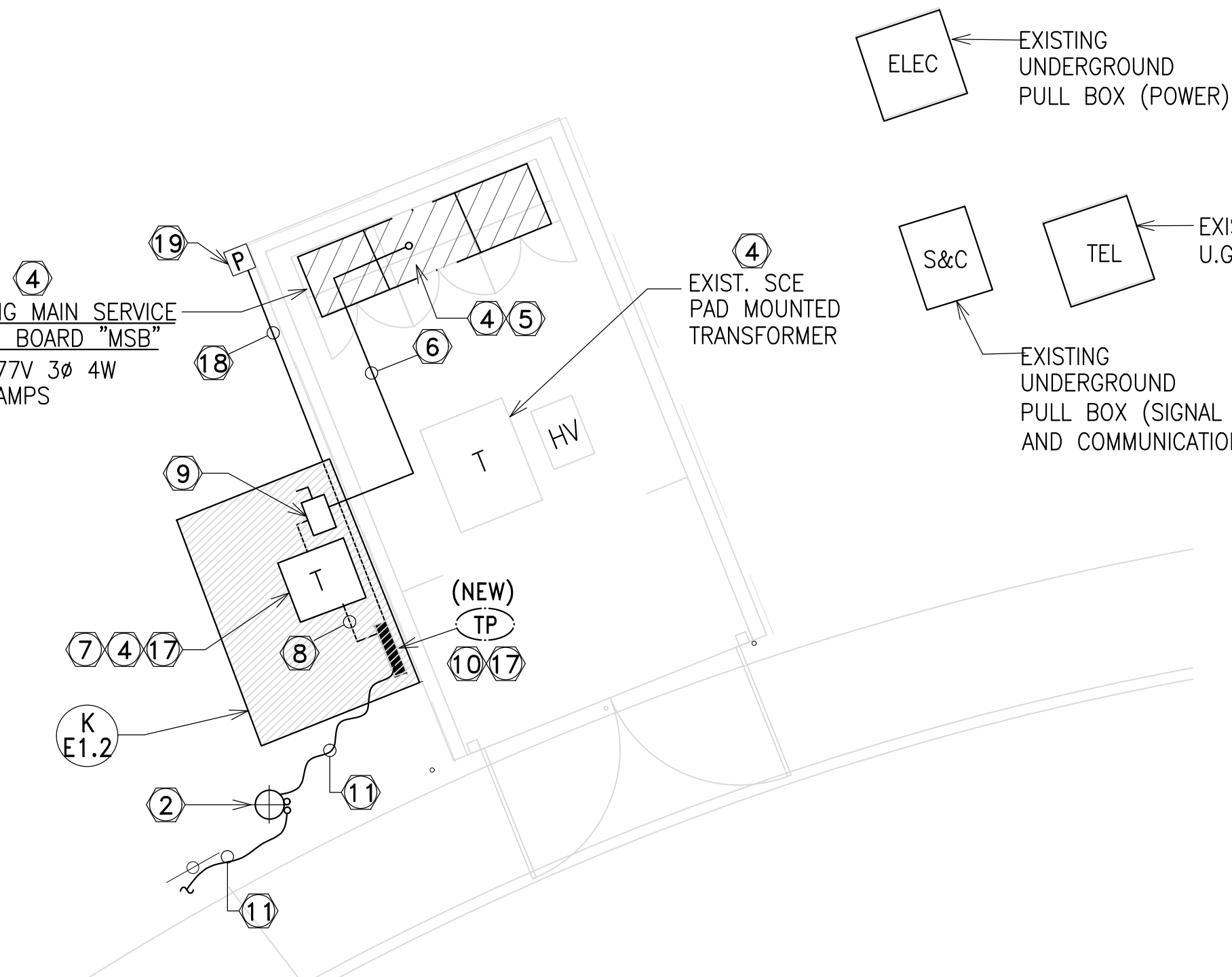
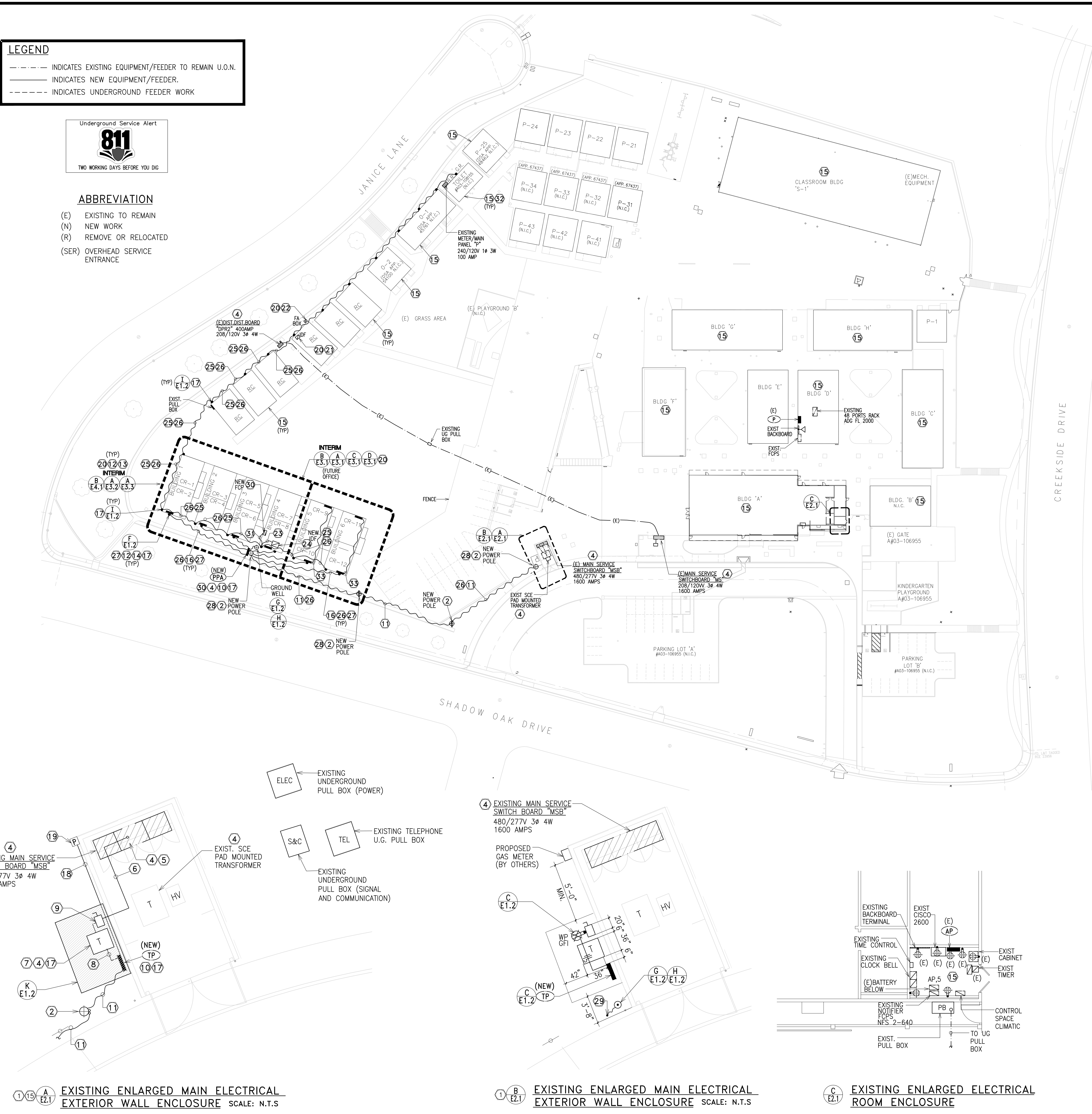
LEGEND

- INDICATES EXISTING EQUIPMENT/FEEDER TO REMAIN U.O.N.
- INDICATES NEW EQUIPMENT/FEEDER.
- INDICATES UNDERGROUND FEEDER WORK



ABBREVIATION

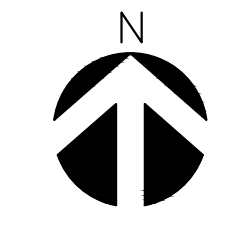
- (E) EXISTING TO REMAIN
- (N) NEW WORK
- (R) REMOVE OR RELOCATED
- (SER) OVERHEAD SERVICE ENTRANCE



15 A E2.1 EXISTING ENLARGED MAIN ELECTRICAL EXTERIOR WALL ENCLOSURE SCALE: N.T.S

15 B E2.1 EXISTING ENLARGED MAIN ELECTRICAL EXTERIOR WALL ENCLOSURE SCALE: N.T.S

15 C E2.1 EXISTING ENLARGED ELECTRICAL ROOM ENCLOSURE



SCALE: 1" = 40'-0" 1

KEY NOTES:

- 1 ALL WORK EXPOSED TO WEATHER SHALL BE WEATHERPROOF TYPE IN NEMA 3R ENCLOSURE.
- 2 NEW 35' HIGH WOODEN POLE FOR OVERHEAD DISTRIBUTION OF LOW VOLTAGE, COMMUNICATION AND POWER LINES. PROVIDE BASED
- 3 PROVIDE 24"x12"x12" DEEP WIRE WAY ABOVE POWER PANEL THAT INCLUDES CONNECTORS TO HOLD SER CABLES IN WEATHERPROOF ENCLOSURE. PROVIDE MOUNTING HARDWARE.
- 4 SEE PARTIAL SINGLE LINE DIAGRAM ON SHEETS E1.4 FOR ADDITIONAL INFORMATION
- 5 PROVIDE 200A-3P CIRCUIT BREAKER TO MATCH MANUFACTURER AND AIC RATING MINIMUM 65 KAIC.
- 6 NEW 2" (RS) 3#3/0, 1#6 GRD. (EXPOSED)
- 7 NEW 150.0 KVA 480V 3# 3W PRI. TO 208/120V 3# 4W SECONDARY, K1 RATED STEP DOWN TRANSFORMER.
- 8 NEW 2-2 1/2" (RS) 4#4/0, 1#1 GRD.
- 9 NEW 200A-3P 600 VOLT RATED NON-FUSED DISCONNECT SWITCH IN NEMA 3R ENCLOSURE.
- 10 NEW 24 CIRCUIT PANELBOARD IN WEATHERPROOF ENCLOSURE. SEE PARTIAL SINGLE LINE DIAGRAM AND PANEL SCHEDULE ON SHEET E1.4
- 11 NEW 2 SETS OF 4#4/0, 1#1 GRD. EA. OVERHEAD TYPE SER ALUMINUM CABLE, PROVIDE MOUNTING HARDWARE TO SECURE SER CABLE.
- 12 CONTRACTOR TO VERIFY EXACT LOCATION OF UTILITY POINT OF CONNECTIONS PRIOR TO START OF WORK. SEE MODULAR DRAWINGS PROVIDED BY THE DISTRICT PRIOR TO BID AND START OF WORK.
- 13 INTERIOR WORK LGT, RECEPTACLES, HVAC, PANELBOARD) NOT IN SCOPE OF WORK UNLESS OTHERWISE NOTED.
- 14 PROPOSED UTILITY POINT OF CONNECTION, VERIFY EXACT LOCATION.
- 15 EXISTING ELECTRICAL INSTALLATIONS WITHIN THIS AREA IS TO REMAIN UNLESS OTHERWISE NOTED.
- 16 3#1, 1#4 GRD. OVERHEAD TYPE SER ALUMINUM CABLE.
- 17 CONTRACTOR TO PROVIDE MOUNTING HARDWARE TO MOUNT PANELBOARD, TRANSFORMER, DISCONNECT SWITCH WEATHERHEAD, PULL BOXES AND PIPE SUPPORT.
- 18 PROVIDE 4-3/4" (RS) 3#10, 1#10 GRD.; 2-3/4" (RS) 2#10, 1#10 GRD.; 1" (RS) 3#6, 1#10 GRD. COIL UP APPROX. 30' FOR FUTURE USE.
- 19 3-6"x4"x4" SURFACE MOUNTED PULL BOX IN NEMA 3R ENCLOSURE.
- 20 PROVIDE SIGNAL AND COMMUNICATION AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM PRIOR TO BID AND START OF WORK.
- 21 EXISTING IDF TO REMAIN, EXTEND NEW 6-STRANDS MULTI-MODE FIBER (62.5/125) WET LOCATION TYPE.
- 22 EXISTING FCPS TO REMAIN, EXTEND NEW CAT 5 TO NEW FCPS, WET LOCATION TYPE.
- 23 NEW 6-STRANDS MULTI-MODE FIBER (62.5/125) WET LOCATION TYPE.
- 24 NEW IDF/132 PORTS, STANDARD 19" WALL MOUNTED WITH #12-25 THREADED HOLES A MINIMUM OF 12U HIGH AND 28" DEEP (WITH ACCESS ON BOTH SIDES)
- 25 PROVIDE 6-STRANDS MULTI-MODE FIBER (62.5/125); OSP: 12-PAIR #24 UTP CAT-6 CABLE (TEL) SUITABLE FOR WET LOCATION.
- 26 PROVIDE 4 PLEX AERIAL CABLE WITH MESSENGER WIRE CABLE SUPPORT.
- 27 PROVIDE SPLICING KIT TO CONNECT COPPER AND ALUMINUM CABLES.
- 28 WOODEN POLE TO BE APPROX. 100' APART TO MINIMIZE GUY WIRE (TO ANGLE POLE) AND CABLE SAG.
- 29 PROVIDE GROUND WIRE TO COPPER DRIVEN GROUND ROD/WELL.
- 30 SEE PARTIAL FIRE ALARM SYSTEM DRAWINGS ON SHEETS E1.3, E4.1, E4.2.
- 31 PROVIDE 12-PAIR #24 UTP CAT-6 CABLE (TEL) SUITABLE FOR WET LOCATION
- 32 EXISTING BOYS AND GIRLS RESTROOMS HAVE AN EXISTING FIRE ALARM DEVICES AND EXISTING SYSTEM IS FULLY AUTOMATIC
- 33 PROVIDE DOUBLE LUG.

GENERAL NOTE:

NO PUBLIC ADDRESS SYSTEM IN PLACE.

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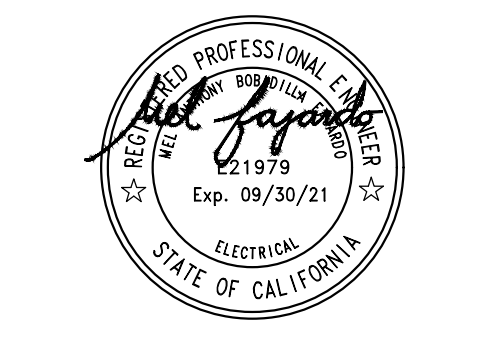
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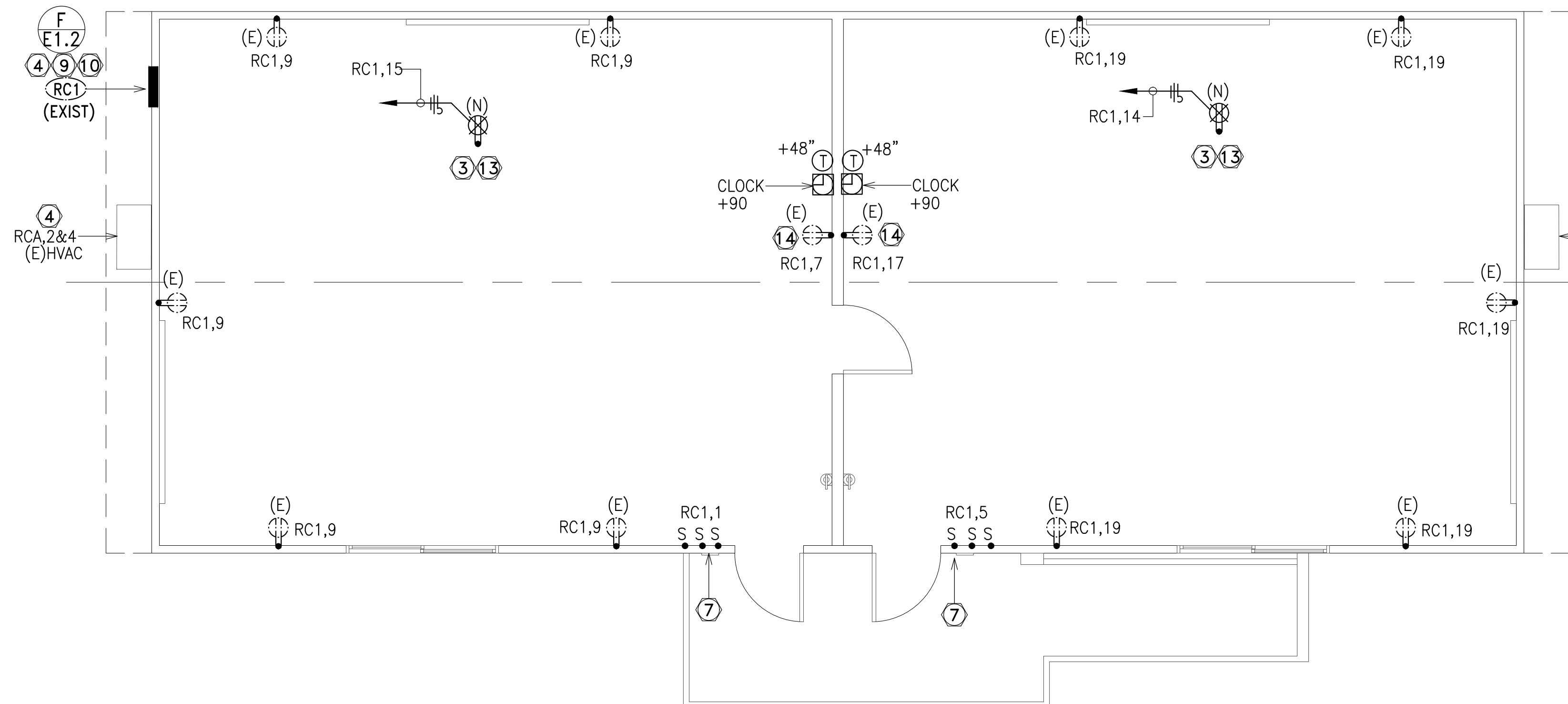
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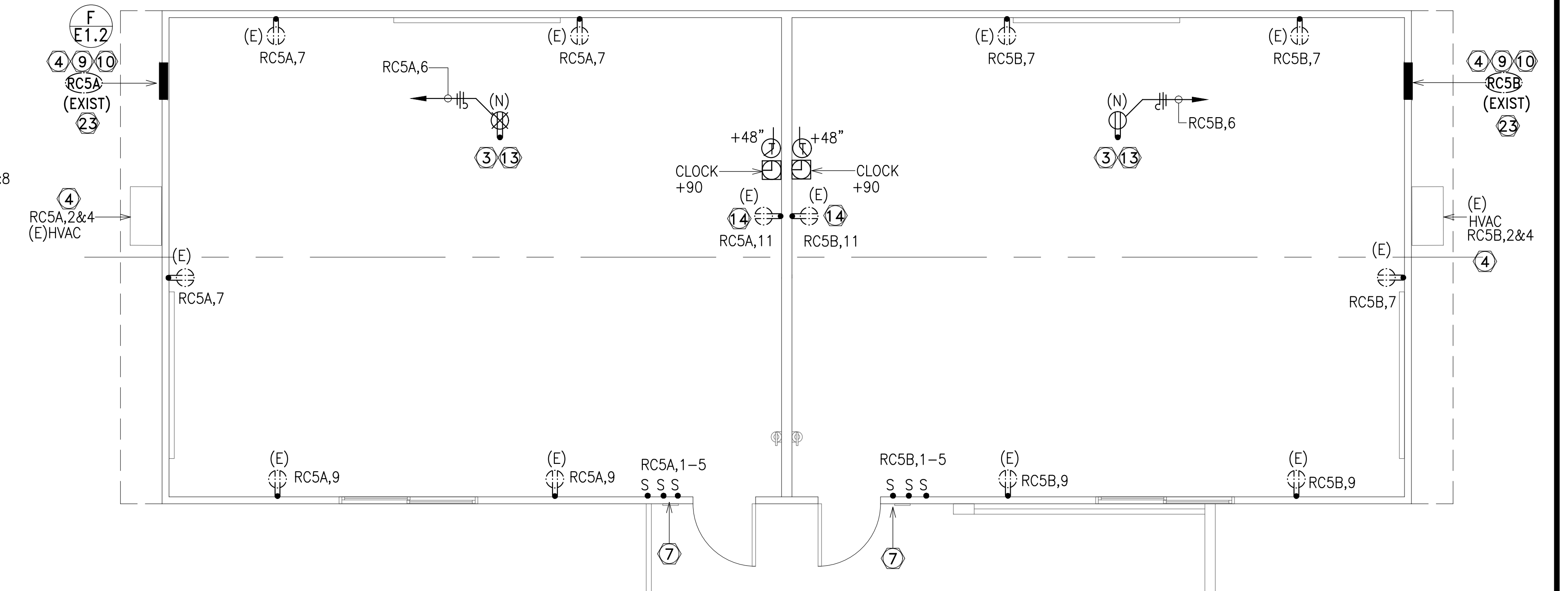
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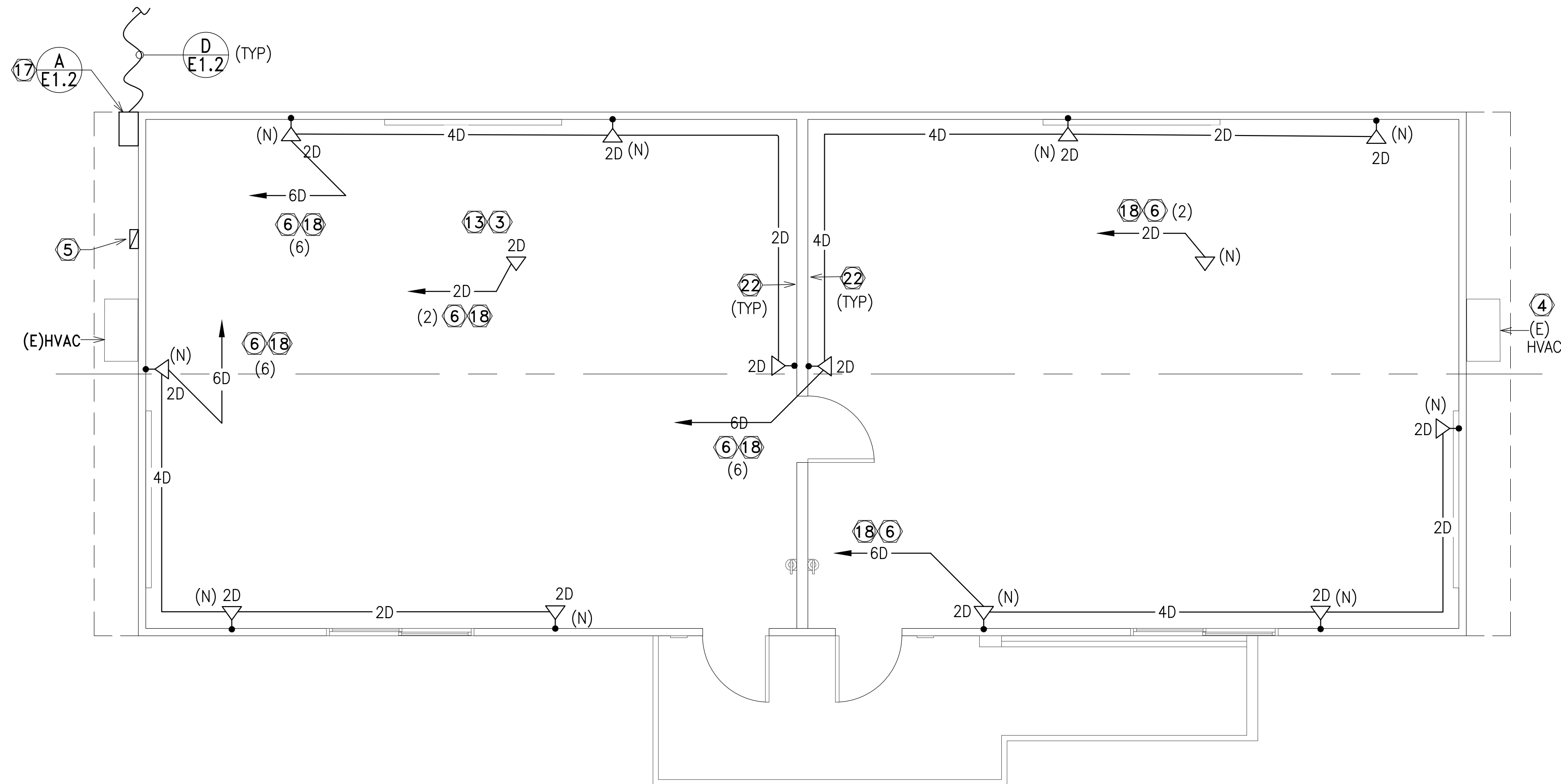
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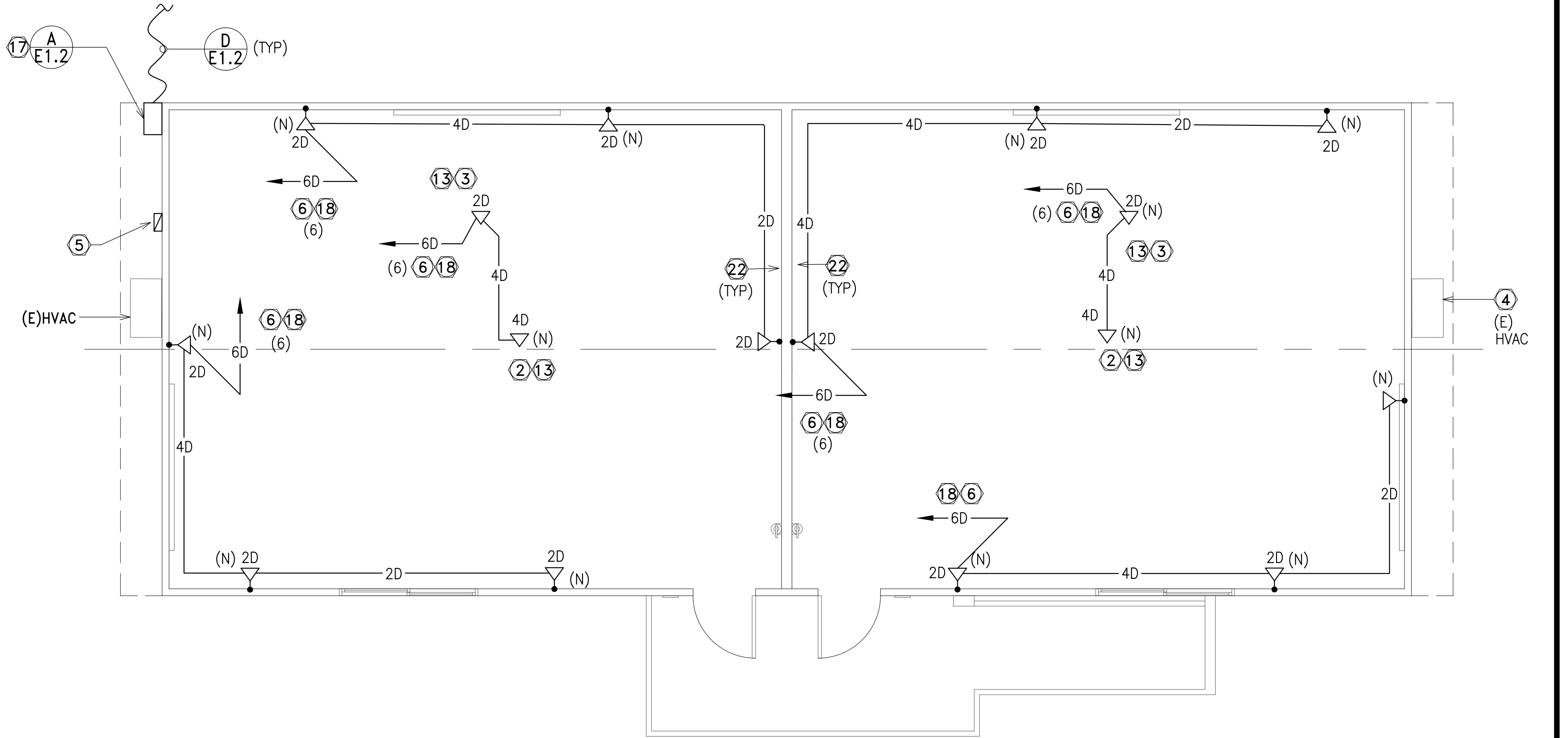
1 **(C)** **E3.1** **RELOCATABLE CLASSROOM BUILDING 1-2-3-4 LIGHTING & POWER -INTERIM HOUSING**
 SCALE: 1/4"=1'-0" NOTE: CLASSROOM #3 & #4 DO NOT HAVE DOORS IN BETWEEN.



1 **(A)** **E3.1** **RELOCATABLE CLASSROOM BUILDING 5 & 6 LIGHTING & POWER -INTERIM HOUSING**
 SCALE: 1/4"=1'-0" (FUTURE OFFICE)



1 **(D)** **E3.1** **RELOCATABLE CLASSROOM BUILDING 1-2-3-4 SIGNAL & COMMUNICATION-INTERIM HOUSING**
 SCALE: 1/4"=1'-0" NOTE: CLASSROOM #3 & #4 DO NOT HAVE DOORS IN BETWEEN.



1 **(B)** **E3.1** **RELOCATABLE CLASSROOM BUILDING 5 & 6 SIGNAL & COMMUNICATION-INTERIM HOUSING**
 SCALE: 1/4"=1'-0" (FUTURE OFFICE)

KEY NOTES:

- 1 ALL EQUIPMENT/DEVICES EXPOSED TO WEATHER SHALL BE WEATHERPROOF TYPE IN NEMA 3R ENCLOSURE.
- 2 ADDITIONAL 4 DATA DROPS WITH 7 METER SERVICE LOOP TERMINATED ABOVE T-GRID FOR FUTURE ADMIN. BUILDING CONVERSION (FREE AIR- NO JBOX INSTALLED)
- 3 ADDITIONAL DUPLEX POWER AND DUAL DATA DROPS MOUNTED 2X4 CEILING TILE FOR PROJECTOR (INSTALLED IN STANDARD 1 GANG SURFACE MOUNT.)
- 4 SEE PARTIAL SINGLE LINE DIAGRAM AND PANEL SCHEDULE ON SHEET E1.4
- 5 LOCATION OF EXISTING FA 2-GANG BOX, SEE PARTIAL FIRE ALARM SYSTEMS DRAWINGS.
- 6 PROVIDE 4 PAIR #24 UTP CAT-6 CABLE TO NEW IDF AT BUILDING #4, USE WET LOCATION TYPE WHEN CROSSING THE RELOCATABLE BUILDINGS. SEE RISER DIAGRAM SHEET E3.3
- 7 CONTRACTOR TO VERIFY EXACT LOCATION OF UTILITY POINT OF CONNECTIONS PRIOR TO START OF WORK. SEE MODULAR DRAWINGS PROVIDED BY THE DISTRICT PRIOR TO BID AND START OF WORK. SEE GENERAL NOTES THIS SHEET FOR REQUIREMENTS.
- 8 PROPOSED UTILITY POINT OF CONNECTION, VERIFY EXACT LOCATION.
- 9 CONTRACTOR TO PROVIDE SEISMIC APPROVED MOUNTING HARDWARE TO MOUNT PANELBOARD, TRANSFORMER, DISCONNECT SWITCH WEATHERHEAD, PULL BOXES AND PIPE SUPPORT.
- 10 PROVIDE SPLICING KIT TO CONNECT COPPER AND ALUMINUM CABLES.
- 11 PROVIDE 6-STRANDS MULTI-MODE FIBER (62.5/125); 12-PAIR 24 GA. OSP; 4#12 GA. 1#10 GRD. (PA/CLOCK); 12-PAIR #22 UTP CAT-6 CABLE (TEL) SUITABLE FOR WET LOCATION.

- 12 NEW 6-STRANDS MULTI-MODE FIBER (62.5/125) WET LOCATION TYPE.
- 13 THIS APPLIES TO FUTURE ASSUMED ADMINISTRATION OFFICE BUILDINGS #5 #6.
- 14 POWER FOR STAND ALONE CLOCK, EXTEND POWER VIA WIREMOLD.
- 15 POWER FOR NEW IDF, SEE GENERAL NOTE #5 THIS SHEET.
- 16 SEE SITE INTERIM PLAN ON SHEET E2.1 FOR CONTINUATION TO EXISTING IDF, SIGNAL SOURCE.
- 17 STUB-OUT 2"C.O., SEE GENERAL NOTE #2 THIS SHEET.
- 18 ALL NEW DATA CABLE SHALL BE INTER-CONNECTED VIA RACEWAY WIREMOLD UP TO CEILING SPACE AND NUMBER OF 4 PAIR UTP CAT6 CABLE TO J-HOOK ABOVE CEILING SPACE TO NEW IDF VIA PULL BOX/FLEX CONDUIT EXPANSION JOINT.
- 19 ALL NEW DATA OUTLETS SHALL BE SURFACE MOUNTED.
- 20 16"X16"X6" DEEP SURFACE MOUNTED PULL BOX IN NEMA 3R ENCLOSURE.
- 21 24"X24"X6" DEEP SURFACE MOUNTED PULL BOX IN NEMA 3R ENCLOSURE.
- 22 PROVIDE 4 PAIRS OF #24 UTP (WET LOCATION TYPE). TO BE TERMINATED IN 2 COMPARTMENT WIREMOLD BOX NEXT TO CLOCK.
- 23 THESE APPLIES TO BUILDINGS #5, #6 AS RC5A/RC5B; RC6A/RC6B.

GENERAL NOTES:

1. ALL WALL MOUNTED DATA LOCATIONS MUST HAVE A MINIMUM 3/4" CONDUIT PATH STUBBED OUT TO ABOVE T-GRID CEILING.
2. EACH PORTABLE MUST HAVE A MINIMUM 2" CONDUIT PATH BETWEEN SURROUNDING PORTABLES FOR DATA INFRASTRUCTURE BACKBONE.
3. ONE CLASSROOM MUST BE IDENTIFIED TO HOUSE INTERMEDIATE DISTRIBUTION FRAME (IDF) AND FEED DATA CABLING TO ALL DATA PORTS IN LOCAL AND REMOTE PORTABLE(S). SEE BLDG. #4.
4. CLASSROOM WITH (IDF) MUST HAVE A 20AMP DUPLEX INSTALLED IN IDF RACK AND A MINIMUM 1 1/4" CONDUIT PATHWAY FOR FIBER BACKBONE FEED BACK TO SITE MDF LOCATION.
5. IDF RACK MUST BE STANDARD 19" WALL MOUNTED WITH #12-25 THREADED HOLES AND A MINIMUM OF 21" HIGH AND 28" DEEP.

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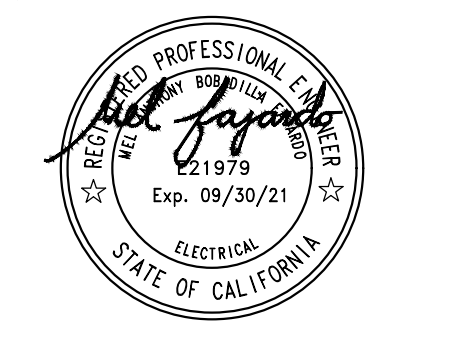
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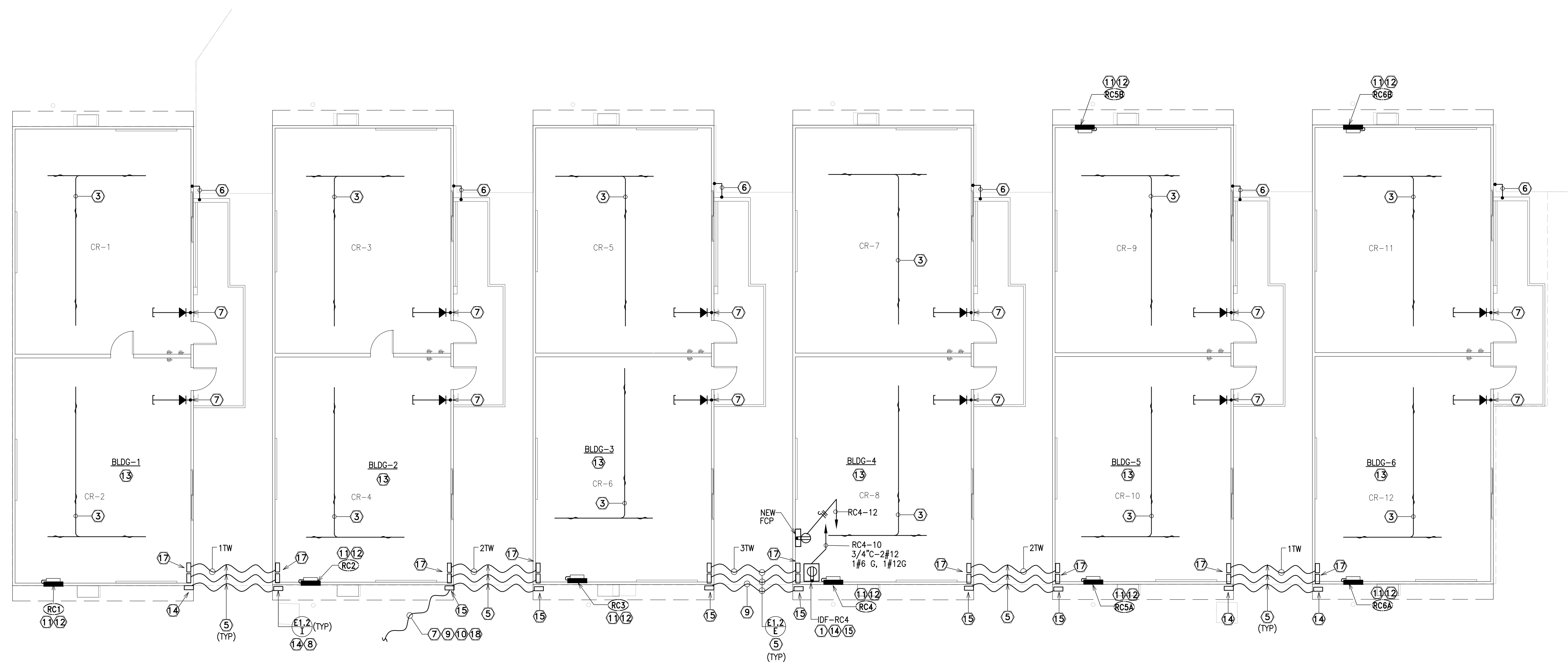
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10
4
16
A
RELOCATABLE CLASSROOM BUILDING PLAN-SIGNAL & COMMUNICATION-INTERIM HOUSING
 SCALE: 1/8"=1'-0"

KEY NOTES:

- ① MOUNT RECEPTACLE OUTLET IN IDF CABINET. MOUNT CABINET HIGH ON WALL BOND 1#6 G TO IDF CABINET.
- ② PROVIDE (1) 20A-1P CIRCUIT BREAKER IN PANEL MATCH TYPE AND A.I.C. RATING OF BREAKERS.
- ③ PROVIDE DATA/TELEPHONE WIRING SUPPORT FOR LOW VOLTAGE CABLES. PROVIDE METAL WIRE MANAGEMENT RINGS TYPE WMRB, J-HOOKS OR SIMILAR OPEN TOP CABLE SUPPORTS ATTACHED TO THE BUILDING STRUCTURE, BEAMS, JOIST OR SIMILAR SUPPORTS SHALL BE PROVIDED 48" ON CENTER MAX. (TYPICAL). LOCATE RINGS ABOVE DATA DEVICE AREA. ALL WORK EXPOSED TO WEATHER SHALL BE WEATHERPROOF TYPE.
- ④ FLEX CONDUIT SLEEVE BETWEEN TWO BUILDINGS.
- ⑤ 1#6 OND. FROM PANEL BOND TO RAMP AND/OR METAL ENCLOSURE. PROVIDE TO ALL RELOCATABLES
- ⑥ PROVIDE (1) TW CABLE FROM EACH TELEPHONE AND HOMERUN TO "IDF-RC4" BUILDING #4.
- ⑦ PROVIDE WP PULLBOX WITH PIPE ATTACHED TO THE BUILDING FOR FIBER CABLE SUPPORT. PROVIDE 1" NIPPLE CONDUIT FROM PULLBOX TO ACCESSIBLE CEILING SPACE.
- ⑧ PROVIDE 6-STRANDS MULTI-MODE FIBER (62.5/125); 12-PAIR 24 GA. OSP; ; 12-PAIR #24 UTP CAT-6 CABLE (TEL) SUITABLE FOR WET LOCATION.
- ⑨ SEE SITE PLAN ON SHEET E2.1 FOR CONTINUATION.
- ⑩ SEE PARTIAL SINGLE LINE DIAGRAM FOR FEEDER SIZE. RUN CONDUIT LOW ON BACK OF BUILDING BELOW A/C UNITS.
- ⑪ WP PULLBOX. SEE ONE LINE DIAGRAM FOR SIZE.
- ⑫ HOMERUN DATA CABLES IN THIS CLASSROOM TO IDF-RC4. RUN CABLES EXPOSED IN ATTIC SPACE. SEE NOTE 3.
- ⑬ 16"x16"x6" DEEP SURFACE MOUNTED PULL BOX IN NEMA 3R ENCLOSURE.
- ⑭ 24"x24"x6" DEEP SURFACE MOUNTED PULL BOX IN NEMA 3R ENCLOSURE.
- ⑮ SEE TYPICAL FLOOR PLAN AND RISER DIAGRAM ON SHEET E3.1 FOR ADDITIONAL INFORMATION.
- ⑯ 6"x6"x4" DEEP SURFACE MOUNTED PULL BOX IN NEMA 3R ENCLOSURE.
- ⑰ PROVIDE AQUA SEAL TO EACH WALL PENETRATION FOR LOW VOLTAGE ENTERING OR LEAVING A CLASSROOM BUILDING.

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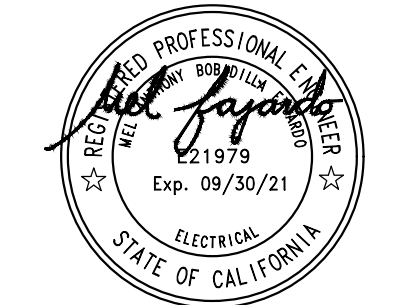
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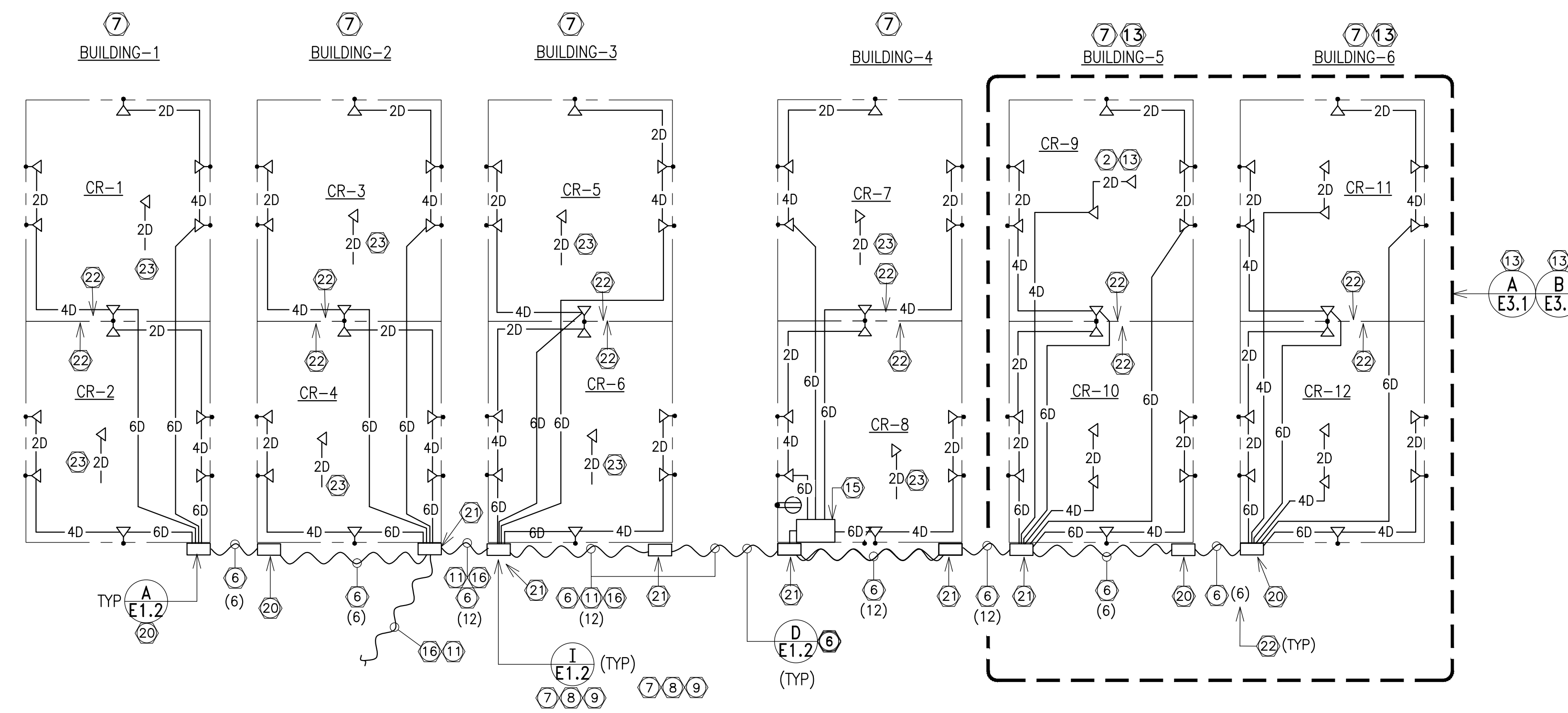
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1 8 SIGNAL RISER DIGRAM-INTERIM HOUSING
 SCALE: NTS

KEY NOTES:

- 1 ALL EQUIPMENT/DEVICES EXPOSED TO WEATHER SHALL BE WEATHERPROOF TYPE IN NEMA 3R ENCLOSURE.
- 2 ADDITIONAL 4 DATA DROPS WITH 7 METER SERVICE LOOP TERMINATED ABOVE T-GRID FOR FUTURE ADMIN. BUILDING CONVERSION (FREE AIR- NO JBOX INSTALLED)
- 3 ADDITIONAL DUPLEX POWER AND DUAL DATA DROPS MOUNTED 2X4 CEILING TILE FOR PROJECTOR (INSTALLED IN STANDARD 1 GANG SURFACE MOUNT.)
- 4 SEE PARTIAL SINGLE LINE DIAGRAM AND PANEL SCHEDULE ON SHEET E1.4
- 5 LOCATION OF EXISTING FA 2-GANG BOX, SEE PARTIAL FIRE ALARM SYSTEMS DRAWINGS.
- 6 PROVIDE 4 PAIR #24 UTP CAT-6 CABLE TO NEW IDF AT BUILDING #4, USE WET LOCATION TYPE WHEN CROSSING THE RELOCATABLE BUILDINGS, SEE RISER DIAGRAM THIS SHEET.
- 7 CONTRACTOR TO VERIFY EXACT LOCATION OF UTILITY POINT OF CONNECTIONS PRIOR TO START OF WORK. SEE MODULAR DRAWINGS PROVIDED BY THE DISTRICT PRIOR TO BID AND START OF WORK. SEE GENERAL NOTES THIS SHEET FOR REQUIREMENTS.
- 8 PROPOSED UTILITY POINT OF CONNECTION, VERIFY EXACT LOCATION.
- 9 CONTRACTOR TO PROVIDE SEISMIC APPROVED MOUNTING HARDWARE TO MOUNT PANELBOARD, TRANSFORMER, DISCONNECT SWITCH WEATHERHEAD, PULL BOXES AND PIPE SUPPORT.
- 10 PROVIDE SPLICING KIT TO CONNECT COPPER AND ALUMINUM CABLES.
- 11 PROVIDE 6-STRANDS MULTI-MODE FIBER (62.5/125); 12-PAIR 24 GA. OSP; GRD.; 12-PAIR #22 UTP CAT-6 CABLE (TEL) SUITABLE FOR WET LOCATION.
- 12 NEW 6-STRANDS MULTI-MODE FIBER (62.5/125) WET LOCATION TYPE.
- 13 THIS APPLIES TO FUTURE ADMINISTRATION OFFICE BUILDINGS #5 #6.
- 14 POWER FOR STAND ALONE CLOCK, EXTEND POWER VIA WIREMOLD.
- 15 POWER FOR NEW IDF, SEE GENERAL NOTE #5 THIS SHEET.
- 16 SEE SITE INTERIM PLAN ON SHEET E2.1 FOR CONTINUATION TO EXISTING IDF, SIGNAL SOURCE.
- 17 STUB-OUT 2" C.O., SEE GENERAL NOTE #2 THIS SHEET.
- 18 ALL NEW DATA CABLE SHALL BE INTER-CONNECTED VIA RACEWAY WIREMOLD UP TO CEILING SPACE AND NUMBER OF 4 PAIR UTP CAT6 CABLE TO J-HOOK ABOVE CEILING SPACE TO NEW IDF VIA PULL BOX/FLEX CONDUIT EXPANSION JOINT.
- 19 ALL NEW DATA OUTLETS SHALL BE SURFACE MOUNTED.
- 20 16"x16"x6" DEEP SURFACE MOUNTED PULL BOX IN NEMA 3R ENCLOSURE.
- 21 24"x24"x6" DEEP SURFACE MOUNTED PULL BOX IN NEMA 3R ENCLOSURE.
- 22 PROVIDE 4 PAIRS OF #24 UTP (WET LOCATION TYPE), TO BE TERMINATED IN 2 COMPARTMENT WIREMOLD BOX NEXT TO CLOCK.
- 23 TO IDF VIA PULL BOX

GENERAL NOTES:

1. ALL WALL MOUNTED DATA LOCATIONS MUST HAVE A MINIMUM 3/4" CONDUIT PATH STUBBED OUT TO ABOVE T-GRID CEILING.
2. EACH PORTABLE MUST HAVE A MINIMUM 2" CONDUIT PATH BETWEEN SURROUNDING PORTABLES FOR DATA INFRASTRUCTURE BACKBONE.
3. ONE CLASSROOM MUST BE IDENTIFIED TO HOUSE INTERMEDIATE DISTRIBUTION FRAME (IDF) AND FEED DATA CABLING TO ALL DATA PORTS IN LOCAL AND REMOTE PORTABLE(S), SEE BLDG. #4.
4. CLASSROOM WITH (IDF) MUST HAVE A 20AMP DUPLEX INSTALLED IN IDF RACK AND A MINIMUM 1 1/4" CONDUIT PATHWAY FOR FIBER BACKBONE FEED BACK TO SITE MDF LOCATION.
5. IDF RACK MUST BE STANDARD 19" WALL MOUNTED WITH #12-25 THREADED HOLES AND A MINIMUM OF 12U HIGH AND 28" DEEP.

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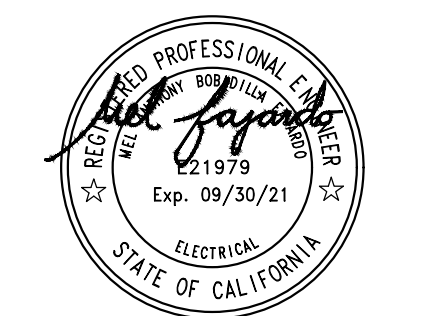
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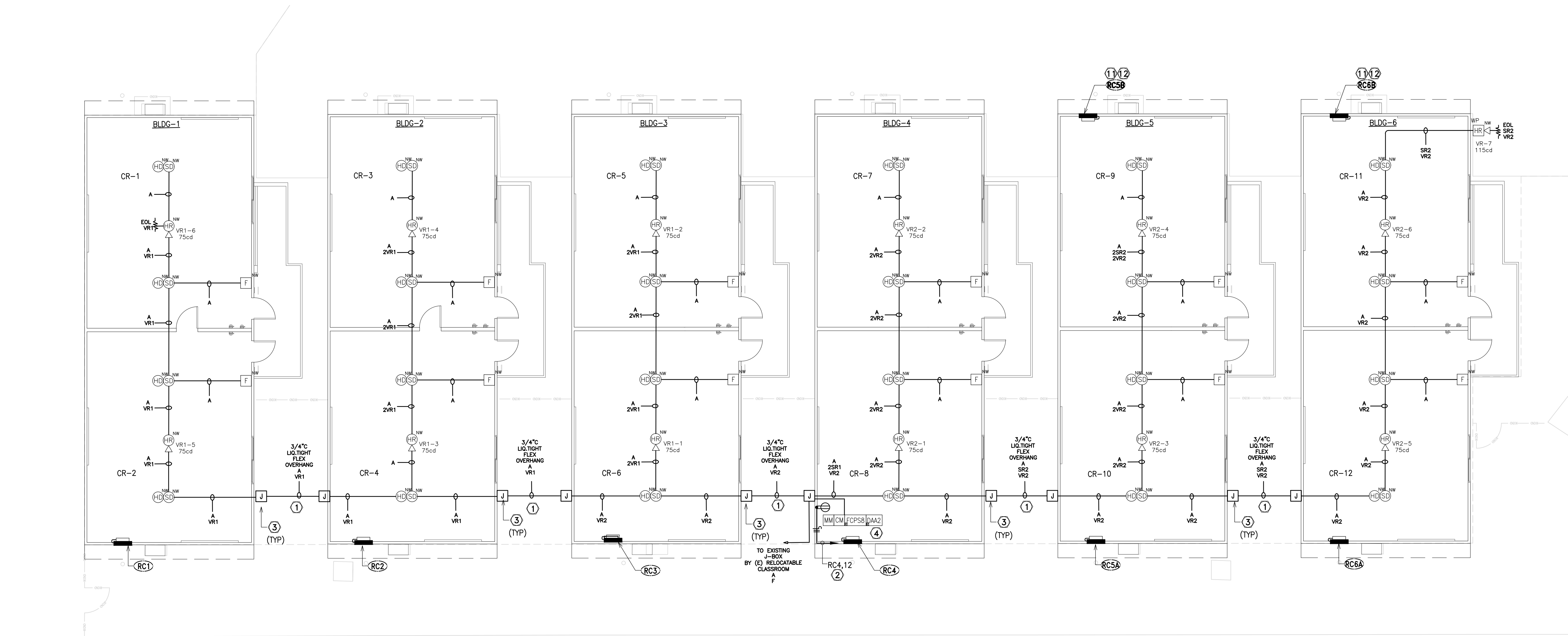
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B RELOCATABLE CLASSROOM BLDG. PLAN, FIRE ALARM SYSTEMS-INTERIM HOUSING
 SCALE: 1/8"=1'-0"

SYMBOL LEGEND								
QTY	NW	EX	SYMBOL	MANUFACTURER	PART #	DESCRIPTION	CSFM LISTING	BACKBOX
1			[NFC]	NOTIFIER	NFS-640	FIRE ALARM CONTROL PANEL	7165-0228-0243	CAB-4D
1			[FC]	NAPCO	SLECDMA-FIRE	CELLULAR ALARM COMMUNICATOR	7300-0992-0144	
1			[RNF]	NOTIFIER	NCA-2	REMOTE FIRE ALARM ANNUNCIATOR	7165-0228-0243	ADF-3DB
1	5		[FSP]	NOTIFIER	FSP-2458	POWER SUPPLY	7315-0228-0225	INCLUDED
24	7		[HSD]	NOTIFIER	FST-851	ADDRESSABLE HEAT DETECTOR	7270-0228-0196	45, 2-1/8" DEEP BOX W/ 3-O RING
			[B21OLP]	SYSTEM SENSOR	B21OLP	DETECTOR BASE	7300-1653-0109	
24	155		[HSD]	NOTIFIER	FSP-851	ADDRESSABLE SMOKE DETECTOR	7272-0228-0206	45, 2-1/8" DEEP BOX W/ 3-O RING
			[B21OLP]	SYSTEM SENSOR	B21OLP	DETECTOR BASE	7300-1653-0109	
12	1		[M]	NOTIFIER	NBG-12LX	ADDRESSABLE MANUAL PULL STATION	7150-0228-0199	45, 2-1/8" DEEP BOX W/ 1-GANG RING
1	10		[M]	NOTIFIER	FMM-1	ADDRESSABLE MONITOR MODULE	7300-0228-0219	45, 2-1/8" DEEP BOX
1	10		[M]	NOTIFIER	FRM-1	ADDRESSABLE RELAY MODULE	7300-0228-0219	45, 2-1/8" DEEP BOX
2	3		[M]	NOTIFIER	FCM-1	ADDRESSABLE CONTROL MODULE	7300-0228-0219	45, 2-1/8" DEEP BOX
12	45		[HSD]	SYSTEM SENSOR	PCZWL	HORN/STROBE (CEILING MOUNT)	7135-1653-0503	45, 2-1/8" DEEP BOX
30			[HSD]	SYSTEM SENSOR	SCWL	STROBE (CEILING MOUNT)	7125-1653-0504	45, 2-1/8" DEEP BOX
15			[HSD]	SYSTEM SENSOR	PGWL	HORN / STROBE (WALL MOUNT)	7135-1653-0503	45, 2-1/8" DEEP BOX
10			[HSD]	SYSTEM SENSOR	SWL	STROBE (WALL MOUNT)	7125-1653-0504	45, 2-1/8" DEEP BOX
1	10		[HSD]	SYSTEM SENSOR	P2WK	HORN / STROBE - OUTDOOR (WALL MOUNT)	7135-1653-0503	NEMA 4X, IP65 (MVBW)
1			[M]	SPACE AGE	ACE-11	ACCESSORY CABINET ENCLOSURES (3 1/4" X 14" X 14")	7300-0553-0110	SSU00956
SYMBOL LEGEND FOR DEVICES BY OTHERS								
10			[ORBIT]	ORBIT	2424R	PULL BOX (WALL MOUNT)		NEMA 3R 24X24X6
1			[FAC]	FAC	24244	FIRE ALARM TERMINAL CABINET		NEMA 24X24X6
6			[BY OTHERS]	BY OTHERS		REFER TO MOUNTING DETAILS		
10			[BY OTHERS]	BY OTHERS		FLOW SWITCH		
10			[BY OTHERS]	BY OTHERS		TAMPER SWITCH		

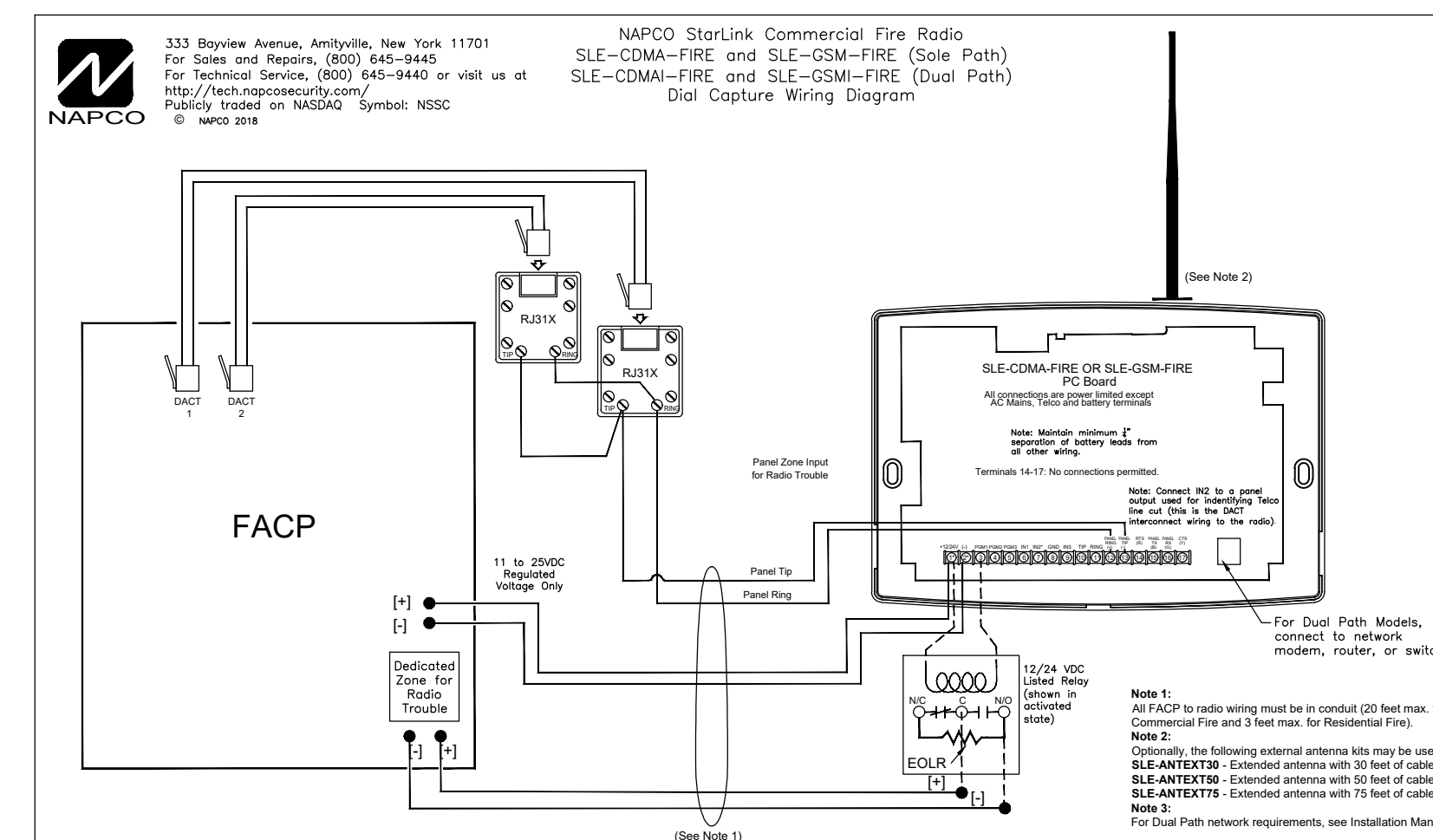
OTHER SYMBOL ABBREVIATIONS
 VNG - VISUAL NOTIFICATION APPLIANCE CANDELA VALUE
 SW - AUDIBLE (VOICE) NOTIFICATION APPLIANCE CIRCUIT NUMBER
 RW - SPEAKER WATTAGE
 WP - WEATHERPROOF DEVICE
 WM - WALL MOUNT
 IG - IN-GRADE
 END OF LINE RESISTOR
 CALL OUT
 UP CONDUIT RISER (3/4" MIN.)
 DOWN CONDUIT RISER (3/4" MIN.)

KEY NOTES:

- PROVIDE LIQUID TIGHT FLEX CONDUIT BETWEEN BUILDINGS.
- PROVIDE (1)20A-1P CIRCUIT BREAKER FOR FIRE ALARM PANEL AND POWER SUPPLY. PROVIDE "LOCK-ON" DEVICE ON CIRCUIT BREAKER.
- PROVIDE WP 6"X6"X4"D PULLBOX AND A 2" CONDUIT UP TO ABOVE ROOF FOR OVERHEAD FIRE ALARM WIRING. CABLE SHALL BE +15' AFG MIN.
- PROVIDE SHORT LINK FIRE RADIO

EXISTING SEQUENCE OF OPERATIONS

ACTION	DEVICE													
	MANUAL PULL STATION	AREA SMOKE DETECTOR	1ST FLOOR ELEV. LOBBY SMOKE DETECTOR	ANY ELEVATOR LOBBY EXCEPT 1ST FLOOR	ELEVATOR MACHINE ROOM SMOKE DETECTOR	ELEVATOR MACHINE ROOM HEAT DETECTOR	AREA HEAT DETECTOR	SHOWER WATERFLOW SWITCH	SPRINKLER CONTROL VALVE TAMPER SWITCH	BUILDING POWER FAILURE	FIRE ALARM OPEN CIRCUIT OR CIRCUIT FAILURE	FIRE ALARM LOW BATTERY	DEVICE / GROUND FAULT	CELLULAR COMMUNICATOR
ANNUNCIATE AT FIRE ALARM CONTROL PANEL & REMOTE ANNUNCIATOR (ALARM)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
ANNUNCIATE AT FIRE ALARM CONTROL PANEL & REMOTE ANNUNCIATOR (TROUBLE)														
ANNUNCIATE AT FIRE ALARM CONTROL PANEL & REMOTE ANNUNCIATOR (SUPERVISORY)														
PRINT CHANGE OF STATUS ON SYSTEM EVENTS PRINTER														
ACTIVATE AUDIBLE AND VISUAL ALARM SIGNALS THROUGHOUT	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SHUNT TRIP														
DIAL CENTRAL STATION MONITORING FACILITY	●	●	●	●	●	●	●	●	●	●	●	●	●	●



CENTRAL STATION MONITORING BY:
 NATIONAL MONITORING CENTER
 25341 Commercentre Drive
 Lake Forest, CA 92650
 (800) 662-1711
 UL#S8126-1

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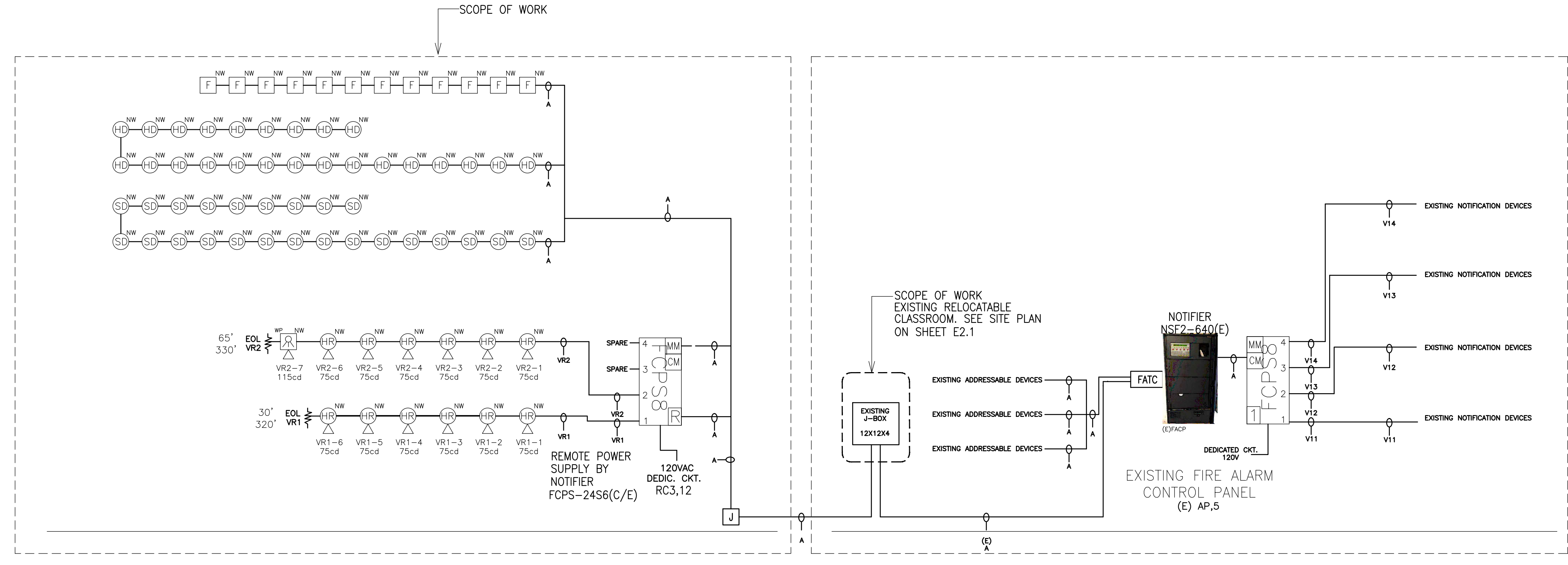
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RELOCATABLE CLASS ROOM-INTERIM HOUSING
SCALE: N.T.S.

EXISTING ADMINISTRATION BUILDING/RELOCATABLE

RISER DIAGRAM
SCALE: N.T.S.

PROJECT SCOPE:
 THE EXISTING FIRE ALARM SYSTEM SHALL HAVE SOFTWARE UPDATED TO NSF 2-640AND WILL REMAIN IN OPERATION WHILE THE NEW SYSTEM IS INSTALLED. THE EXISTING SYSTEM WILL BE MAINTAINED AND LEFT IN OPERATION UNTIL THE NEW FIRE ALARM SYSTEM IS IN OPERATION AND COMMISSIONED. AFTER CUTOVER, THE EXISTING FIRE ALARM SYSTEM WILL BE DEMOLISHED. THE LOCATIONS OF THE EXISTING FIRE ALARM SYSTEM COMPONENTS REMOVED DURING DEMO WILL BE PATCHED OR COVERED AND SURFACES WILL BE FINISHED TO MATCH THE SURROUND SURFACES. ALL EXISTING WIRING FOR THE EXISTING SYSTEM WILL BE REMOVED. EXISTING ACCESSIBLE FIRE ALARM SYSTEM CONDUIT AND SURFACE RACEWAY WILL BE REMOVED.
 THE NEW FIRE ALARM SYSTEM WILL BE MONITORED BY TRI-SIGNAL INTERGRATION INC. 15853 MONTE ST. SUITE 101, SYLMAR, CA 91342. TEL/ 818-566-8558

FIRE ALARM SYSTEMS NOTES:
 FIRE ALARM SYSTEMS SUBMITTALS CONSIST OF FULLY AUTOMATIC ALARM SYSTEM TO TEMPORARY CLASSROOM BUILDINGS PER CFC1006.2.4

EXISTING FIRE ALARM SYSTEM IS SUPERVISED AND TO REMAIN UNTIL NEW SYSTEM IS FULLY FUNCTIONAL. NEW INTERIM CLASSROOM SHALL BE ACTIVATED RIGHT AFTER EXISTING (12) RELOCATABLE CLASSROOM BUILDINGS ARE DE ACTIVATED AND DEMOLISH, THEREFORE EXISTING PANEL HAS SUFFICIENT SIGNAL TO SUPPORT THE 6-NEW INTERIM CLASSROOM BUILDINGS.

FIRE ALARM SYSTEM CABLE SCHEDULE

TAG	USAGE	WIRE IN CONDUIT	TYPE	MANUFACTURER	PART NUMBER
A	SLC - SIGNALING LINE CIRCUIT	2 COND. #16 TWISTED	FPLR	CONNECT AIR	990
F	REMOTE DAA2 TRIGGER	MULTIMODE 625-125 6 STRAND	FIBER	CONNECT AIR	M9B172
S	AUDIBLE NAC SPEAKER CIRCUIT	1 PAIR #16 TSP TWISTED/SHIELDED	FPLR	CONNECT AIR	991
V	VISUAL NAC STROBE CIRCUIT	2#12 THHN	THHN	GENERAL	#12 THHN
UA	OVERHEAD SLC - SIGNALING LINE CIRCUIT	2" C - 2 COND. #16 TWISTED	FPLR	CONNECT AIR	990
UF	OVERHEAD REMOTE DAA2 TRIGGER	2" C - MULTIMODE 625-125, 6 STRAND	FIBER	CONNECT AIR	M9B172

FIRE ALARM PANEL WORSE CASE BATTERY CALCULATION

Job: OSWALT ACADEMY		Date: 08/26/19	By: IDE
PANEL		STAND-BY CURRENT UNIT	ALARM CURRENT UNIT
EXISTING			
NFS2-3030			
1	CPU-640	0.120	0.120
1	NCA-2	0.400	0.400
1	UDACT-2	0.035	0.035
2	LCM-320	0.130	0.260
1	LEM-320	0.100	0.100
PANEL TOTALS:		0.915	1.340
DETECTION DEVICES		STAND-BY CURRENT UNIT	ALARM CURRENT UNIT
155	FSP-851	0.000300	0.046500
7	FST-851	0.000300	0.002100
1	NBG-12LX	0.000375	0.000375
10	FMM-1	0.000350	0.003500
10	FRM-1	0.000230	0.002300
3	FCM-1	0.000350	0.001050
10	FSP-851 (DNRW)	0.000300	0.003000
10	RA1002	0.000000	0.000000
24	FSP-851	0.000300	0.007200
12	NBG-12LX	0.000375	0.004500
24	FST-851	0.000300	0.007200
2	FCM-1	0.000350	0.000700
1	FMM-1	0.000350	0.000350
DETECTION DEVICE TOTALS:		0.078775	1.747500
STAND-BY		ALARM	
Controls StBy		0.915 +	Controls Alarm
Detection Device StBy		0.079	Detection Device Alarm
StBy Per Hour		0.994 x	Alarm Per Hour
24 Hours Stand-By		24.000	15 Minutes Alarm (14Hour)
TOTAL STAND-BY		23.851	TOTAL ALARM
TOTALS:		REQUIRED BATTERY:	
TOTAL STAND-BY AMP. HOUR		23.851 +	25 AH
TOTAL ALARM AMP. HOUR		0.772	NEEDED BATTERY:
SUBTOTAL AMP. HOUR		24.622 +	25 AH
MULTIPLY BY THE DERATING FACTOR		1.2	TOTAL AMPERAGE HOURS REQ'D.
			30 AH
			RECOMMENDED BATTERY:
			35 AH

*) SECONDARY POWER SUPPLY (BATTERY) CAPACITY REQUIRED BY STANDARDS & PROJECT SPECIFICATION.
 **) SECONDARY POWER SUPPLY (BATTERY) CAPACITY NEEDED PER MAXIMUM BETWEEN "STAND-BY (QUIESCENT) CONDITION INSTANT AMPERAGE USAGE", "ALARM CONDITION INSTANT AMPERAGE USAGE" & "REQUIRED AMPERAGE HOUR CAPACITY".
 ***) SECONDARY POWER SUPPLY (BATTERY) CAPACITY RECOMMENDED BY DESIGNER FOR FUTURE EXPANSION.

BATTERY CALCULATIONS FOR REMOTE POWER SUPPLY (FCPS-2458), FCPS8 #R

STAND-BY CURRENT	=	0.020 A
24 HRS STAND-BY CURRENT (STAND-BY X 24 HRS)	=	0.480 A/HRS
ALARM CURRENT	=	1.540 A
15 MINUTE ALARM CURRENT (ALARM CURRENT X 0.249)	=	0.383 A/HRS
ALARM CURRENT + STAND-BY CURRENT	=	0.863 A/HRS
MULTIPLY BY DERATING FACTOR = 1.2		
TOTAL AMPERE-HOUR REQUIRED	=	1.036 A/HRS
BATTERY RECOMMENDED	=	7.00 A/HRS

REMOTE POWER SUPPLY 120V AC INPUT AND 24VDC 8.0 AMP. OUTPUT TO FOUR INDEPENDENT NOTIFICATION APPLIANCE CIRCUITS. MAXIMUM LOAD ON EACH OUTPUT CIRCUIT SHOULD NOT BE MORE THAN 3.0 AMP. AND OVERALL LOAD ON ALL FOUR CIRCUITS SHOULD NOT EXCEED 8.0 AMP.

TABLE 8 Conductor Properties

Size (AWG or kcmil)	Area (mm²)	Circular mils		Quantity		Stranding		Overall		Direct-Current Resistance at 75°C (167°F)							
		mm	in.	mm	in.	mm	in.	mm²	in.²	Copper	Uncoated	Coated	Aluminum				
		mm	in.	mm	in.	mm	in.	mm²	in.²	ohm/km	ohm/kft	ohm/km	ohm/kft	ohm/km	ohm/kft		
18	0.823	1620	1	—	—	—	1.02	0.040	0.823	0.001	25.5	7.77	26.5	8.08	42.0	12.8	
18	0.823	1620	7	0.39	0.015	1.16	0.046	1.06	0.002	26.1	7.95	27.7	8.45	42.8	13.1		
16	1.31	2580	1	—	—	—	—	1.29	0.051	1.31	0.002	16.0	4.89	16.7	5.08	26.4	8.05
16	1.31	2580	7	0.49	0.019	1.46	0.058	1.68	0.003	16.4	4.89	17.3	5.29	26.9	8.21		
14	2.08	4110	1	—	—	—	—	1.63	0.064	2.08	0.003	10.1	3.07	10.4	3.19	16.6	5.06
14	2.08	4110	7	0.62	0.024	1.85	0.073	2.68	0.004	10.3	3.14	10.7	3.26	16.9	5.17		
12	3.31	6530	1	—	—	—	—	2.05	0.081	3.31	0.005	6.34	1.93	6.57	2.01	10.45	3.18
12	3.31	6530	7	0.78	0.030	2.32	0.092	4.33	0.006	6.50	1.98	6.73	2.05	10.69	3.25		
10	5.261	10380	1	—	—	—	—	2.588	0.102	5.26	0.008	3.984	1.21	4.148	1.26	6.561	2.00
10	5.261	10380	7	0.98	0.038	2.95	0.116	6.76	0.011	4.070	1.24	4.226	1.29	6.679	2.04		

FIRE ALARM SYSTEM CABLE SCHEDULE

TAG	USAGE	WIRE IN CONDUIT	TYPE	MANUFACTURER	PART NUMBER
A	SLC - SIGNALING LINE CIRCUIT	2 COND. #16 TWISTED	FPLR	CONNECT AIR	990
F	REMOTE DAA2 TRIGGER	MULTIMODE 625-125 6 STRAND	FIBER	CONNECT AIR	M9B172
S	AUDIBLE NAC SPEAKER CIRCUIT	1 PAIR #16 TSP TWISTED/SHIELDED	FPLR	CONNECT AIR	991
V	VISUAL NAC STROBE CIRCUIT	2#12 THHN	THHN	GENERAL	#12 THHN
UA	UNDERGROUND SLC - SIGNALING LINE CIRCUIT	2" C - 2 COND. #16 TWISTED	FPLR	CONNECT AIR	990
UF	UNDERGROUND REMOTE DAA2 TRIGGER	2" C - MULTIMODE 625-125, 6 STRAND	FIBER	CONNECT AIR	M9B172

REMOTE POWER SUPPLY VOLTAGE DROP CALCULATION

FCPS8 (R) ON BLDG. 6 - CLASS ROOM 11

2 x 2 AMPS x RESISTANCE (WIRE #GA) x DISTANCE x VOLTAGE	=	TOTAL AMP. 1.54
CIRCUIT #1 VR1		
2 x 0.666 A x 0.00198 Ohm/FT x 350 FT x 20.4 V	=	4.52 %
EOL VOLTAGE		19.48 V
CIRCUIT #2 VR2		
2 x 0.876 A x 0.00198 Ohm/FT x 395 FT x 20.4 V	=	6.72 %
EOL VOLTAGE		19.03 V
CIRCUIT #3 SPARE		
2 x 0 A x 0.00198 Ohm/FT x 0 FT x 20.4 V	=	0.00 %
EOL VOLTAGE		20.40 V
CIRCUIT #4 SPARE		
2 x 0 A x 0.00198 Ohm/FT x 0 FT x 20.4 V	=	0.00 %
EOL VOLTAGE		20.40 V

Circuit #1 Title		VR1		Circuit #1 Distance Calculation:	
Circuit	Type	Unit Current	Quantity	Extension	Distance
1	75Cd+Speaker(CLI)SSJL	0.111	6	0.666	FCPS to 1st Strobe: 30
2	0.000			0.000	1st to last Strobe: 320
3	0.000			0.000	Total Distance: 350
				Total	0.666
Circuit #2 Title		VR2		Circuit #2 Distance Calculation:	
Circuit	Type	Unit Current	Quantity	Extension	Distance
1	75Cd+Speaker(CLI)SSJL	0.111	6	0.666	FCPS to 1st Strobe: 65
2	75Cd+Speaker(WPI)WJLSS	0.210	1	0.210	1st to last Strobe: 330
3	0.000			0.000	Total Distance: 395
				Total	0.876

FIRE ALARM WIRING DIAGRAM AND BATTERY CALCULATIONS

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 1155 W. Magarpala Blvd, Burbank, CA 91504
 Tel: (818) 442-7285
 email: corm@ideengineers.net

SHEET NO. E4.2

GENERAL NOTES AND SPECIFICATIONS

SECTION 1A GENERAL REQUIREMENTS

1. GENERAL
 THE REQUIREMENTS OF THE GENERAL CONDITIONS OF THE AGREEMENT AND THIS GENERAL REQUIREMENT APPLY TO THE SEVERAL TRADE SECTIONS WITH THE SAME FORCE AS THOUGH FULLY REPEATED IN EACH TRADE SECTION.
 NAME BRANDS ARE INDICATED TO ESTABLISH A STANDARD OF QUALITY. ITEMS OF EQUAL OR BETTER QUALITY MAY BE SUBSTITUTED FOR THE LISTED BRAND NAMED PRODUCTS WITH THE WRITTEN APPROVAL OF D.S.A. AND THE ARCHITECT.
 ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF 1995 TITLES 19 AND 24 CALIFORNIA CODE OF REGULATIONS. NO CHANGES SHALL BE MADE FROM D.S.A. APPROVED DRAWINGS OR SPECIFICATIONS WITHOUT PRIOR WRITTEN APPROVAL OF D.S.A. AND THE ARCHITECT.
 2. SCOPE OF WORK
 THE WORK CONSISTS OF MANUFACTURING OFF-SITE IN A PLANT AND INSTALLING ON-SITE MODULAR RELOCATABLE BUILDINGS AS DEFINED HEREIN AND SHOWN AND DETAILED ON DRAWINGS.
 ALL REQUIREMENTS OF TITLES 24 OF THE STATE OF CALIFORNIA CODE OF REGULATIONS RELATING TO INSPECTIONS AND VERIFIED REPORTS SHALL BE COMPLIED WITH AND SHALL INCLUDE:
 1. GENERAL RESPONSIBLE CHARGE OF FIELD ADMINISTRATION BY THE ARCHITECT OF RECORD.
 2. INSPECTION IN-PLANT DURING THE COURSE OF CONSTRUCTION BY AN INSPECTOR APPROVED BY THE DIVISION OF THE STATE ARCHITECT AND THE DISTRICT ARCHITECT. THE INSPECTOR SHALL BE RESPONSIBLE FOR AND APPROVED TO INSPECT THE GENERAL CONSTRUCTION, MECHANICAL, AND ELECTRICAL WORK. COST OF THESE INSPECTIONS SHALL BE BORNE BY THE SCHOOL DISTRICTS.
 3. ON-SITE INSPECTION OF THE BUILDING INSTALLATION, ELECTRICAL, AND UTILITY INSTALLATION OR CONNECTIONS BY AN INSPECTOR APPROVED BY THE DIVISION OF THE STATE ARCHITECT AND THE DISTRICT ARCHITECT AND THE ARCHITECT OF RECORD.
 4. OTHER SPECIAL TESTS OR INSPECTIONS AS MAY BE REQUIRED BY THE DIVISION OF THE STATE ARCHITECT.
 5. ADDENDUMS SHALL BE SIGNED BY THE ARCHITECT & APPROVED BY D.S.A.
 6. CHANGE ORDERS SHALL BE SIGNED BY THE OWNER & ARCHITECT & APPROVED BY D.S.A.
 7. THE TESTING LAB SHALL BE IN THE EMPLOY OF THE OWNER.
 ALL CONTRACTORS SHALL VERIFY ALL WORK CONDITIONS, DIMENSIONS AND DETAILS AND REPORT ANY OR ALL OMISSIONS AND DISCREPANCIES TO THE DESIGNER/OWNER IMMEDIATELY BEFORE COMMENCING WORK.
 EACH CONTRACTOR TO BE RESPONSIBLE TO SEE THAT THEIR WORK CONFORMS TO ALL GOVERNMENTAL CODES WHETHER OR NOT SO STATED ON THE DRAWINGS.
 ALL MATERIALS AND WORKMANSHIP TO CONFORM TO THE LATEST REQUIREMENTS OF THE OPENING BUILDING CODES.
 11. ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED AND ERECTED PER MANUFACTURER'S DIRECTIONS AND INSTRUCTIONS.
 12. SHOP DRAWINGS MAY BE REQUIRED. IF SO, THEY WILL BE ACCURATELY DRAWN TO A LARGE ENOUGH SCALE TO SHOW ALL PERTINENT FEATURES OF THE ITEM AND ITS CONNECTION TO RELATED WORK.
 13. THE MANUFACTURER OF BUILDING IS TO PLACE A PERMANENT METAL IDENTIFICATION LABEL ON EACH MODULE, MECHANICALLY FASTENED TO THE FRAME AND VISIBLE FROM THE EXTERIOR OF THE END OF THE MODULE. SEE "GENERAL DESIGN REQUIREMENTS", THIS PAGE.
 FOR PRODUCTS MANUFACTURED OFF-SITE, THE PLANT INSPECTOR IS TO INDICATE THE MANUFACTURER'S NAME AND SERIAL NUMBER OF EACH MODULE ON THE VERIFIED REPORT AND D.S.A. APP. NUMBER.
 14. ALL TESTS AND INSPECTIONS REQUIRED BY DSA SHALL BE COMPLIED WITH ALL TESTS REQ. BY FIRE AND LIFE SAFETY REGULATIONS SHALL BE BY A NATURALLY RECOGNIZED TESTING LABORATORY.

FOUNDATION

1. ASSUMED ALLOWABLE SOIL BEARING: 1000 PSF.
 2. FOOTINGS SHALL BE LOCATED ON UNDISTURBED FIRM NATURAL SOIL. APPROVED COMPACTED FILL OR ON AN APPROVED PAVED SURFACE.
 NOTE: THE FOUNDATION SYSTEM PRESENTED HEREIN COMPLIES WITH INTERPRETATION OF REGULATIONS, R 23-6, ISSUED BY DIVISION OF THE STATE ARCHITECT FOR TEMPORARY BUILDINGS. THIS FOUNDATION SYSTEM IS NON-CORROSIONAL AND THE STRUCTURAL ENGINEER TAKES NO RESPONSIBILITY FOR ITS CONSTRUCTION OR LONGEVITY.

WORK NOT INCLUDED

1. ALL ON-SITE OR OFF-SITE UTILITIES AND THE CONNECTION OF THEM TO THE BUILDING UNLESS INDICATED ON THE DRAWINGS.
 ALL LEVELING, GRADING OR OTHER SITE PREPARATION EXCEPT CONCRETE OR WOOD LEVELING STRIPS WHERE REQUIRED, UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
 2. FIRE ALARM SYSTEM, PROGRAM BELL, PUBLIC ADDRESS SYSTEM, INTERCOM SYSTEM, TELEPHONE SYSTEM UNLESS OTHERWISE INDICATED ON THE DRAWINGS, OR MODIFIED BY CHANGE ORDER.
 3. WHEELS AND HITCH
 SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
 4. ACCESSIBILITY OF SITE
 THE CONTRACTOR SHALL BROUKE ACCESS TO THE SITE FOR THE INSTALLATION OF BUILDINGS. REMOVAL OF TREES, SHRUBS, FENCING, SPRINKLERS ETC. NECESSARY FOR THE MOVE-IN OF BUILDINGS SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT.

DESCRIPTION	SET	SIZE	LENGTH	FINISH
SIDING		.131	2 1/4"	NAVY
CASING, SILL & INT. CORNER TRIM	X	1 1/2"	1 1/4"	GALV
2X FASCIA		.131	3"	GALV
SOFFIT		.131	2 1/4"	GALV
1X EXT. TRIM, WINDOWS, EXT. DOORS, EXT. TRIM		.113	2"	GALV

24 X 60
 RELOCATABLE
 CLASSROOMS

SECTION 78 SHEET METAL

1. SCOPE OF WORK
 CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL INDICATED SHEET METAL.
 2. MATERIALS
 A. SHEET METAL - STEEL SHEETS HOT DIP GALVANIZED WITH 1.25 OZ. PER SQUARE FOOT ZINC COATING CONFORMING TO ASTM A526. MINIMUM 28 GA. UNLESS OTHERWISE NOTED ON THE DRAWINGS.
 B. SOLDER - OF STANDARD "A" OF EQUAL PARTS BRAND LEAD AND TIN ASTM B32.
 C. FLUX - ZINC SATURATED MURIATIC ACID.
 D. GUTTERS: 28 GA. G-90 GALV. STEEL.
 GUTTER ENDOCAPS: 28 GA. G-90 GALV. STEEL.
 GUTTER CLIPS: 1/8" UNDERCOATING OR INSULATING FILL.
 3. WORKMANSHIP
 SHEET METAL ACCURATELY FORMED TO DIMENSIONS AND SHAPES DETAILED WITH TRUE STRAIGHT LINES, CORNERS AND ANGLES. FLASHING INSTALLED IN LONGEST LENGTHS POSSIBLE. EXTERIOR WORK FORMED, FABRICATED AND INSTALLED SO THAT IT ADEQUATELY PROVIDES FOR EXPANSION AND CONTRACTION IN THE COMPLETED WORK AND FINISHES WATER AND WEATHER TIGHT. ALUMINUM SHALL BE SEPARATED FROM FERROUS METAL BY POLYETHYLENE TAPE OR FLOOD COAT OF ASPHALTIC PAINT.

SECTION 79 METAL ROOFING

1. SCOPE OF WORK
 CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL METAL ROOFING. TEST RESULTS SHOWING THE ROOFING SYSTEM WILL WITHSTAND THE UPLIFT OF A 80 MPH WIND SHALL BE SUBMITTED WITH THE PLANS AND SPECIFICATIONS.
 2. MATERIALS
 A. ROOFING - 1-1/8 INCH STANDING SEAM 28-GAUGE G-90 GALV. INTERLOCKING (UNPENETRATED) SHEET STEEL PANELS (90).
 B. BASE SHEET - 30 POUND ASPHALT COATED.
 C. EDGE FLASHING - 28 GAUGE GALVANIZED STEEL.
 3. WORKMANSHIP
 BASE SHEET: APPLY TO ROOF DECK SINGLE FASHION WITH 2-INCH OVERLAP SEAMS. STAPLE TO DECK AT 12" ON CENTER AROUND PERIMETER AND AT 12" ON CENTER THROUGH OVERLAP SEAMS. INSTALL METAL ROOF ACCORDING TO MANUFACTURER'S REQUIREMENTS. SEE SHEET 2 FOR MANUFACTURER'S NOTES.

SECTION 7A CARPENTRY

1. SCOPE OF WORK
 CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL CARPENTRY.
 2. MATERIALS
 LUMBER GRADE MARKED IN ACCORDANCE WITH "STANDARD GRADING AND DRESSING RULE NO. 16" OF WEST COAST LUMBER INSPECTION BUREAU, OR "GRADING RULES FOR LUMBER" 3RD EDITION OF WESTERN WOOD PRODUCTS ASSOCIATION OR W.C.L.I.B. PLYWOOD GRADE MARKED IN ACCORDANCE WITH PRODUCT STANDARD PS 1-83 FOR SOFTWOOD PLYWOOD OF AMERICAN PLYWOOD ASSOCIATION, COMPLYING WITH UBC STANDARD 23-2. EACH SHEET SHALL BEAR THE STAMP OF APA, PITTSBURGH TESTING, OR TECO.
 A. JOISTS, RAFTERS, PLATES, STUDS-DOUGLAS FIR S4S #2 U.N.O. NOTE: MSR 1850 E1.5 MAY BE SUBSTITUTED FOR #2 GRADE IF IT MEETS THE STRUCTURAL REQUIREMENTS FOR FLOOR AND ROOF MEMBERS.
 B. HEADERS, POSTS AND TIMBERS-DOUGLAS FIR S4S #1
 C. BLOCKING - DOUG FIR #3 OR HEM FIR #3 OR STD. & BET.
 D. SILLS AND LUMBER & SHIM PLATES IN CONTACT WITH CONCRETE, MASONRY OR EARTH, DOUG FIR #2 PRESSURE TREATED IN ACCORDANCE WITH CBC 1811.7. EACH PIECE SHALL BEAR ANWP STAMP. LP-22 GROUND CONTACT, F2 ABOVE GROUND.
 E. PLYWOOD ROOF DECKING - APA C-D GRADE, GROUP 1 OR 2, EXPOSURE 1 WITH EXTERIOR GLUE.
 F. PLYWOOD FLOOR DECKING - APA STUDS-FLOOR 2-4-1 OR ONE-FLOOR BY PITTSBURGH TESTING LAB-1/4" NOM. TONGUE AND GROOVE FLOOR SHEATHING WITH EXTERIOR GLUE.
 G. EXTERIOR SIDING/SHEATHING - APA TYPE 303, EXTERIOR.
 H. MOISTURE BARRIER - KENAT WATERPROOF BUILDING PAPER, OR 15 LB. FELT, UBC STANDARD 19-1 FOR KWAT, IS-1 FOR FELT.
 J. STUDS - DOUG FIR #2.
 K. FASTENERS - ALL NAILS SHALL BE CORROSION RESISTANT PER UBC STANDARD 6. ELECTRO GALVANIZED COMMON NAILS U.N.O.
 L. BUILDING TRIM - 2X RESAWN SELECT D.F., H.F., OR CEDAR.
 M. DOOR/WINDOW TRIM - 1X4 RESAWN D.F., H.F., OR CEDAR.
 N. FRAMING CONNECTORS SHALL BE FROM SIMPSON CATALOG LATEST ED.
 O. FIRE BLOCKS SHALL CONFORM TO CBC SECTION 708.
 P. ALL NAILS SHALL BE COMMON NAILS UNLESS OTHERWISE NOTED.
 Q. FOUNDATION LUMBER - ALL CUT ENDS AND HOLES IN PRESSURE TREATED LUMBER SHALL BE TREATED WITH "CUPRINOL".
 3. WORKMANSHIP
 A. FRAMING - SECURELY Nailed, Bridged and Blocked to Form RIGID STRUCTURE. WORK CUT, FITTED AND ASSEMBLED LEVEL, PLUMB AND TRUE TO LINE. TRIM IN AS LONG LENGTHS AS POSSIBLE WITH ALL STANDING TRIM IN ONE PIECE. TRIM SEALED AT ALL EDGES.
 B. NAILING - IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, TABLE 23-1-Q.
 C. EXTERIOR WALLS - FACTORY FABRICATED. CALLING PROVIDED BETWEEN PERIMETER OF WALL AND STRUCTURAL MEMBERS PROVIDING WEATHER-PROOF AND WATER-TIGHT SEAL. NECESSARY CLOSERS, SEALS, AND FLASHINGS PLACED AT TOP AND BASE SUPPORT OF PANELS AND AROUND OPENINGS.
 D. MACHINE APPLIED MULKING
 USE OF MACHINE NAILING IS SUBJECT TO A SATISFACTORY JOBSITE DEMONSTRATION FOR EACH PROJECT AND THE APPROVAL BY THE PROJECT ARCHITECT OR STRUCTURAL ENGINEER AND THE DIVISION OF THE STATE ARCHITECT. THE APPROVAL IS SUBJECT TO CONTINUED SATISFACTORY PERFORMANCE.
 MACHINE NAILING WILL NOT BE APPROVED IN 5/16" PLYWOOD. IF NAILHEADS PENETRATE THE OUTER PLY MORE THAN WOULD BE NORMAL FOR A HAND HAMMER OR IF MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY.
 E. MOISTURE BARRIER - APPLIED TO STUDS WEATHER-BOARD FASHION, HORIZONTAL.
 JOINTS LAPPED MIN 6" INCLUDING BUILDING CORNERS.
 SHEATHING APPLIED OVER MOISTURE BARRIER.
 F. TRIM SEALED AT ALL EDGES. SEALANT PAINTED TO MATCH TRIM OR SIDING UNLESS TRANSPARENT TYPE.

SECTION 7B HOLLOW METAL DOORS AND FRAMES

1. SCOPE OF WORK
 CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL HOLLOW METAL DOORS AND FRAMES.
 2. MATERIALS
 A. DOORS - TYPE 1 FULL FLUSH, MANUFACTURED BY AMHOLD MANUFACTURING COMPANY, 18 GA. 1 3/4" THICK PER CS242 MIN. REINFORCE FOR HARDWARE - BOTH TACKS FOR CLOSER, SOUND DEADEN INTERIOR.
 B. FRAMES - 18 GA. COLD ROLLED, 2" FACES, CS242 MIN. J ANCHORS PER JAMB + ADJUSTABLE FLOOR ANCHOR EACH JAMB REINFORCE FOR HARDWARE. PROVIDE STRIKE BOX, PROVIDE SOUND DEADENING: 1/8" UNDERCOATING OR INSULATING FILL.
 3. WORKMANSHIP
 ALL WORK FABRICATED IN SHOP TO REQUIRED PROFILES BY FORMING AND WELDING, WITH ARISES AND EDGES STRAIGHT, SHARP FIT FABRICATED ACCURATELY WITH SQUARE CORNERS, HARLINE JOINTS AND SURFACES FREE FROM WAVE, WAVE, BUCKLE OR OTHER DEFECTS AFTER FABRICATION. DOORS AND FRAMES CLEANED THOROUGHLY, ALL WELDS GROUND SMOOTH AND GIVEN PRIME COAT.
 FINISH HARDWARE

SECTION 7C SEALANT

1. SCOPE OF WORK
 CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO SEAL BUILDINGS.
 2. MATERIALS
 VULKEM SEALANT, POLYURETHANE, MANUFACTURED BY MAMECO INTERNATIONAL FOR ROOFS, "GEOCEL" SILICONIZED CAULK, GE DUPONT, EGLESAL OR DRY FOR ALL OTHER APPLICATIONS, OR EQUAL.
 3. WORKMANSHIP
 SEALANT APPLIED TO DRY CLEAN SURFACES, WHETHER INDICATED ON DETAILS AND AS NEEDED TO MAKE BUILDING WATER TIGHT IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

SECTION 13F SITE ASSEMBLY

1. SCOPE OF WORK
 CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO PREPARE THE BUILDING ELEMENTS, TRANSPORT THEM FROM THE PLANT TO THE SITE AND TO COMPLETE THE ASSEMBLY AT THE SITE. THE CONDITION OF THE SITE, SUCH AS DRAINAGE AND SOIL BEARING CAPACITY, SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT UNLESS SPECIFICALLY CALLED FOR IN THE CONTRACT, STEPS, RAMPS, OR HANDRAILS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 2. ASSEMBLY OF ELEMENTS
 A. IN A LOCATION ON THE SITE AS DETERMINED BY THE SCHOOL DISTRICT, (APPROVED BY DSA) THE CONTRACTOR SHALL PLACE WOOD LEVELING STRIPS OR OTHER SUITABLE SUPPORTS AS DETAILED ON THE DRAWINGS.
 B. THE ELEMENTS SHALL BE BROUGHT TO THE SITE ON WHEEL ASSEMBLY AND TRANSFERRED TO THE PREPARED SITE. GREAT CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE ELEMENTS BY RACKING OR BUMPING EACH OTHER.
 C. CONNECTION OF THE ELEMENTS TOGETHER SHALL BE DONE ACCORDING TO INSTRUCTION ON THE DRAWINGS. FLASHINGS, TRIM AND OTHER LOOSE ITEMS SHALL BE INSTALLED PER DETAILS ON THE DRAWINGS.
 NOTE:
 WALL FINISH MATERIAL
 FLAME SPREAD MAX = 200
 SMOKE DENSITY MAX = 450
 BUILDING INSULATION
 FLAME SPREAD MAX = 25
 SMOKE DENSITY MAX = 450
 PIPE INSULATION
 FLAME SPREAD MAX = 25
 SMOKE DENSITY MAX = 450
 DUCT INSULATION
 FLAME SPREAD MAX = 25
 SMOKE DENSITY MAX = 50

SECTION 15A AIR CONDITIONING

1. SCOPE OF WORK (SEE SHEET M-1 FOR HVAC SPEC. AND NOTES)
 CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL THE AIR CONDITIONING SYSTEM AS SHOWN ON THE DRAWINGS AND SPECIFICATIONS, INCLUDING A/C UNITS AND ACCESSORIES, REMOTE THERMOSTAT, GRILLS AND POWER WIRING COMPLETE TO LOAD CENTER. CONTRACTOR SHALL INSTRUCT OWNER'S OPERATORS ON OPERATION AND MAINTENANCE OF A/C SYSTEM.
 2. EQUIPMENT
 SEE NOTE ON FLOOR PLAN FOR SIZE AND TYPE.
 3. WORKMANSHIP
 UNITS SHALL BE INSTALLED COMPLETE AND OPERATING WITH ALL ACCESSORIES IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 ELECTRICAL
 1. SCOPE OF WORK
 CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES FOR ELECTRICAL INSTALLATION COMPLETE WITH ASSOCIATED EQUIPMENT AND FIXTURES, IN OPERATING CONDITION READY FOR USE. THE WORK INCLUDES: LIGHT AND POWER SYSTEMS, LIGHTING FIXTURES COMPLETE WITH LAMPS, CONNECTIONS AND DISCONNECTS TO A/C EQUIPMENT.
 2. MATERIALS
 ALL NEW CONFORMING WITH REQUIREMENTS OF CALIFORNIA ELECTRIC CODE AND NATIONAL FIRE PROTECTION ASSOCIATION
 A. ELECTRIC METALLIC TUBING - COUPLING AND FLEX CONDUIT GALVANIZED OR SHEARDED, EXTERIOR FLEX - GALV. STEEL
 B. PANELBOARDS - FLUSH MOUNTED.
 C. CONDUCTORS - COPPER, INSULATED FOR 600 VOLTS, TYPE THHN FOR SIZES #12 TO #6, TYPE THW FOR LARGER SIZES. MINIMUM SIZE - #14
 D. RECEPTACLES - AS NOTED, +18" A.F.F. MIN.
 E. CLOCK RECEPTACLE - AS NOTED.
 F. SWITCHES - AS NOTED, +48" A.F.F. MAX.
 G. LIGHTING FIXTURES - AS NOTED ON THE DRAWINGS.
 3. WORKMANSHIP
 MATERIALS AND EQUIPMENT INSTALLED IN A SECURE, NEAT WORKMANLIKE MANNER IN ACCORDANCE WITH CODE REQUIREMENTS. PANELBOARD COVERS FILLED OUT. CONDUIT AND CABLE INSTALLED IN WALL AND CEILING SPACES. WORK PIERCING WATERPROOFED AREAS FLASHED AND SEALED TO A WATER TIGHT CONDITION.
 B. BUILDING CONDUIT/WIRING FROM FACE OF BLDG TO SITE TERMINATION BY SITE CONTRACTOR (N.I.C.), (FLEXIBLE CONDUIT S-BEND SEALTITE)
 INSPECTION
 INSPECTION OF PREFABRICATED BUILDINGS IS DIVIDED INTO TWO SEPARATE FUNCTIONS.
 1. IN-PLANT INSPECTION.
 2. ON-SITE INSPECTION.
 IN-PLANT INSPECTION AND MATERIAL TESTING SHALL BE ACCOMPLISHED UNDER THE SUPERVISION OF THE DISTRICT ARCHITECT. THE CONTRACTOR SHALL NOTIFY THE DISTRICT ARCHITECT, DSA, AND THE DESIGNATED INSPECTOR/INSPECTION AGENCY AT LEAST 48 HOURS PRIOR TO COMMENCING WORK. THE MANUFACTURER SHALL PROVIDE THE INSPECTOR WITH FULL ACCESS TO ALL PLANT OPERATIONS INVOLVED UNDER THIS CONTRACT AND SHALL ADVISE THE INSPECTOR IN ADVANCE OF THE TIME AND PLACE WHEN OPERATIONS THAT THE INSPECTOR WANTS TO OBSERVE TAKE PLACE. BEFORE THE BUILDINGS ARE REMOVED FROM THE PLANT FOR DELIVERY TO THE STORAGE FACILITY OR FROM THE STORAGE FACILITY TO THE SITE, THE INSPECTOR SHALL DETERMINE THAT THEY ARE ACCEPTABLE AND ISSUE A WRITTEN RELEASE WHICH SHALL BE IN THE FORM OF A VERIFIED REPORT (FORM SSS-6). A COPY OF THE INSPECTOR'S VERIFIED REPORT SHALL ACCOMPANY EACH BUILDING TO STORAGE OR TO THE SITE. THE INSPECTOR SHALL PUT ONE COPY IN EACH BUILDING.
 COORDINATION OF WORK
 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE ALL NECESSARY ARRANGEMENTS WITH THE SCHOOL DISTRICT AUTHORIZED REPRESENTATIVE FOR ACCESS TO GROUNDS AND REMOVAL OF EQUIPMENT IF NECESSARY.
 THIS CONTRACT SHALL BE MADE AT LEAST 48 HOURS PRIOR TO DELIVERY OF ANY MODULE.
 ON-SITE INSPECTION SHALL BE DONE BY THE SITE INSPECTOR. ALL WORK WHICH THE MANUFACTURER OR HIS SUBCONTRACTORS PERFORM AT THE SITE SHALL BE SUBJECT TO THE INSPECTION OF THE SITE INSPECTOR. THE MANUFACTURER WILL FURNISH THE SITE INSPECTOR WITH SUCH INFORMATION AS MAY BE NECESSARY TO KEEP HIM FULLY INFORMED AS TO PROGRESS OF WORK AND DATES WHEN SITE WORK WILL OCCUR. THE CONTRACTOR SHALL NOTIFY THE INSPECTOR AGENCY AT LEAST 48 HOURS PRIOR TO COMMENCING WORK.
 THE CONTRACTOR SHALL VERIFY THAT THE DISTRICT'S SITE IS READY TO RECEIVE THE BUILDING(S) PRIOR TO THE DELIVERY OF ANY CLASSROOM(S) BY VISUING EACH SITE (THIS MAY BE DONE BY THE INSPECTOR).
 ITEMS NOTED AS N.I.C. (NOT IN CONTRACT) OR "BY OTHERS" IS THE RESPONSIBILITY OF THE SCHOOL DISTRICT DEPENDING ON THE AGREEMENT WITH CONTRACTOR.
 IN THE EVENT OF CONFLICT BETWEEN THESE SPECIFICATIONS AND THE DISTRICT BID SPECIFICATIONS, THE DISTRICT SPECIFICATIONS SHALL PREVAIL.
 SITE NOTE: APPLICABLE TO EACH SITE.
 CBC CHAP. 3 SECTION 306.2
 LIMITED TO TYPES OF CONSTRUCTION FORTH IN TABLE 5-B AND SHALL NOT EXCEED, IN AREA OR HEIGHT, LIMITS SPECIFIED IN 504.305 & 506. THE OVERHANG IF PROVIDED SHALL BE INCLUDED TO 50. FT.
 SECTION 306.1
 FINISHING SHALL FLOOR DIRECTLY ON OR HAVE ACCESS TO A PUBLIC STREET NOT LESS THAN 20'.
 ACCESS TO THE PUBLIC STREET SHALL BE A MINIMUM 20' WIDE RIGHT OF WAY, UNOBSTRUCTED AND MAINTAINED ONLY AS ACCESS TO PUBLIC STREET.
 SECTION 306.1.5
 1.5M PROVISION OF FIRE ALARM APPLICABLE AT EACH SITE.

SECTION 15B AIR CONDITIONING

1. SCOPE OF WORK (SEE SHEET M-1 FOR HVAC SPEC. AND NOTES)
 CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL THE AIR CONDITIONING SYSTEM AS SHOWN ON THE DRAWINGS AND SPECIFICATIONS, INCLUDING A/C UNITS AND ACCESSORIES, REMOTE THERMOSTAT, GRILLS AND POWER WIRING COMPLETE TO LOAD CENTER. CONTRACTOR SHALL INSTRUCT OWNER'S OPERATORS ON OPERATION AND MAINTENANCE OF A/C SYSTEM.
 2. EQUIPMENT
 SEE NOTE ON FLOOR PLAN FOR SIZE AND TYPE.
 3. WORKMANSHIP
 UNITS SHALL BE INSTALLED COMPLETE AND OPERATING WITH ALL ACCESSORIES IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 ELECTRICAL
 1. SCOPE OF WORK
 CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES FOR ELECTRICAL INSTALLATION COMPLETE WITH ASSOCIATED EQUIPMENT AND FIXTURES, IN OPERATING CONDITION READY FOR USE. THE WORK INCLUDES: LIGHT AND POWER SYSTEMS, LIGHTING FIXTURES COMPLETE WITH LAMPS, CONNECTIONS AND DISCONNECTS TO A/C EQUIPMENT.
 2. MATERIALS
 ALL NEW CONFORMING WITH REQUIREMENTS OF CALIFORNIA ELECTRIC CODE AND NATIONAL FIRE PROTECTION ASSOCIATION
 A. ELECTRIC METALLIC TUBING - COUPLING AND FLEX CONDUIT GALVANIZED OR SHEARDED, EXTERIOR FLEX - GALV. STEEL
 B. PANELBOARDS - FLUSH MOUNTED.
 C. CONDUCTORS - COPPER, INSULATED FOR 600 VOLTS, TYPE THHN FOR SIZES #12 TO #6, TYPE THW FOR LARGER SIZES. MINIMUM SIZE - #14
 D. RECEPTACLES - AS NOTED, +18" A.F.F. MIN.
 E. CLOCK RECEPTACLE - AS NOTED.
 F. SWITCHES - AS NOTED, +48" A.F.F. MAX.
 G. LIGHTING FIXTURES - AS NOTED ON THE DRAWINGS.
 3. WORKMANSHIP
 MATERIALS AND EQUIPMENT INSTALLED IN A SECURE, NEAT WORKMANLIKE MANNER IN ACCORDANCE WITH CODE REQUIREMENTS. PANELBOARD COVERS FILLED OUT. CONDUIT AND CABLE INSTALLED IN WALL AND CEILING SPACES. WORK PIERCING WATERPROOFED AREAS FLASHED AND SEALED TO A WATER TIGHT CONDITION.
 B. BUILDING CONDUIT/WIRING FROM FACE OF BLDG TO SITE TERMINATION BY SITE CONTRACTOR (N.I.C.), (FLEXIBLE CONDUIT S-BEND SEALTITE)
 INSPECTION
 INSPECTION OF PREFABRICATED BUILDINGS IS DIVIDED INTO TWO SEPARATE FUNCTIONS.
 1. IN-PLANT INSPECTION.
 2. ON-SITE INSPECTION.
 IN-PLANT INSPECTION AND MATERIAL TESTING SHALL BE ACCOMPLISHED UNDER THE SUPERVISION OF THE DISTRICT ARCHITECT. THE CONTRACTOR SHALL NOTIFY THE DISTRICT ARCHITECT, DSA, AND THE DESIGNATED INSPECTOR/INSPECTION AGENCY AT LEAST 48 HOURS PRIOR TO COMMENCING WORK. THE MANUFACTURER SHALL PROVIDE THE INSPECTOR WITH FULL ACCESS TO ALL PLANT OPERATIONS INVOLVED UNDER THIS CONTRACT AND SHALL ADVISE THE INSPECTOR IN ADVANCE OF THE TIME AND PLACE WHEN OPERATIONS THAT THE INSPECTOR WANTS TO OBSERVE TAKE PLACE. BEFORE THE BUILDINGS ARE REMOVED FROM THE PLANT FOR DELIVERY TO THE STORAGE FACILITY OR FROM THE STORAGE FACILITY TO THE SITE, THE INSPECTOR SHALL DETERMINE THAT THEY ARE ACCEPTABLE AND ISSUE A WRITTEN RELEASE WHICH SHALL BE IN THE FORM OF A VERIFIED REPORT (FORM SSS-6). A COPY OF THE INSPECTOR'S VERIFIED REPORT SHALL ACCOMPANY EACH BUILDING TO STORAGE OR TO THE SITE. THE INSPECTOR SHALL PUT ONE COPY IN EACH BUILDING.
 COORDINATION OF WORK
 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE ALL NECESSARY ARRANGEMENTS WITH THE SCHOOL DISTRICT AUTHORIZED REPRESENTATIVE FOR ACCESS TO GROUNDS AND REMOVAL OF EQUIPMENT IF NECESSARY.
 THIS CONTRACT SHALL BE MADE AT LEAST 48 HOURS PRIOR TO DELIVERY OF ANY MODULE.
 ON-SITE INSPECTION SHALL BE DONE BY THE SITE INSPECTOR. ALL WORK WHICH THE MANUFACTURER OR HIS SUBCONTRACTORS PERFORM AT THE SITE SHALL BE SUBJECT TO THE INSPECTION OF THE SITE INSPECTOR. THE MANUFACTURER WILL FURNISH THE SITE INSPECTOR WITH SUCH INFORMATION AS MAY BE NECESSARY TO KEEP HIM FULLY INFORMED AS TO PROGRESS OF WORK AND DATES WHEN SITE WORK WILL OCCUR. THE CONTRACTOR SHALL NOTIFY THE INSPECTOR AGENCY AT LEAST 48 HOURS PRIOR TO COMMENCING WORK.
 THE CONTRACTOR SHALL VERIFY THAT THE DISTRICT'S SITE IS READY TO RECEIVE THE BUILDING(S) PRIOR TO THE DELIVERY OF ANY CLASSROOM(S) BY VISUING EACH SITE (THIS MAY BE DONE BY THE INSPECTOR).
 ITEMS NOTED AS N.I.C. (NOT IN CONTRACT) OR "BY OTHERS" IS THE RESPONSIBILITY OF THE SCHOOL DISTRICT DEPENDING ON THE AGREEMENT WITH CONTRACTOR.
 IN THE EVENT OF CONFLICT BETWEEN THESE SPECIFICATIONS AND THE DISTRICT BID SPECIFICATIONS, THE DISTRICT SPECIFICATIONS SHALL PREVAIL.
 SITE NOTE: APPLICABLE TO EACH SITE.
 CBC CHAP. 3 SECTION 306.2
 LIMITED TO TYPES OF CONSTRUCTION FORTH IN TABLE 5-B AND SHALL NOT EXCEED, IN AREA OR HEIGHT, LIMITS SPECIFIED IN 504.305 & 506. THE OVERHANG IF PROVIDED SHALL BE INCLUDED TO 50. FT.
 SECTION 306.1
 FINISHING SHALL FLOOR DIRECTLY ON OR HAVE ACCESS TO A PUBLIC STREET NOT LESS THAN 20'.
 ACCESS TO THE PUBLIC STREET SHALL BE A MINIMUM 20' WIDE RIGHT OF WAY, UNOBSTRUCTED AND MAINTAINED ONLY AS ACCESS TO PUBLIC STREET.
 SECTION 306.1.5
 1.5M PROVISION OF FIRE ALARM APPLICABLE AT EACH SITE.

MATERIALS AND WORKMANSHIP

ALL CONTRACTORS SHALL CERTIFY THAT NO ASBESTOS-CONTAINING BUILDING MATERIALS WHICH EXCEED STATE AND FEDERAL MANDATED SAFE ASBESTOS LEVELS HAVE BEEN USED IN THE CONSTRUCTION OF RELOCATABLE FACILITIES.
 ALL WORKMEN SHALL BE SKILLED AND QUALIFIED FOR THE WORK WHICH THEY PERFORM. ALL MATERIALS USED, UNLESS OTHERWISE SPECIFIED, SHALL BE THE NEW AND OF THE TYPES AND GRADES SPECIFIED. THE CONTRACTOR SHALL, IF REQUESTED, FURNISH EVIDENCE SATISFACTORY TO THE ARCHITECT THAT SUCH IS THE CASE.
 CONTRACTOR'S CREWS ASSIGNED TO ANY WORK PERFORMED UNDER THIS CONTRACT SHALL INCLUDE ONE COMPETENT AND FULLY EXPERIENCED PERSON DESIGNATED AS THE RESPONSIBLE PERSON IN CHARGE. SUCH PERSON MUST BE IDENTIFIED BY NAME TO THE DISTRICT IN ADVANCE OF ANY WORK. UPON REQUEST, THE CONTRACTOR SHALL PROMPTLY FURNISH TO THE DISTRICT INFORMATION RELATING TO THIS EMPLOYEE'S EXPERIENCE.
 WORKMANSHIP SHALL BE EQUAL OR BETTER IN QUALITY TO THAT REQUIRED BY THE CONSTRUCTION TRADES FOR A FINISHED PRODUCT. A QUALITY CONTROL SUPERVISOR, DESIGNATED BY THE MANUFACTURER, SHALL REVIEW ALL WORK IN PROGRESS AND SHALL REVIEW THE FINISHED BUILDING PRIOR TO FINAL INSPECTION TO ASSURE IT IS COMPLETE AND CORRECT. THE QUALITY CONTROL SUPERVISOR SHALL HAVE THE AUTHORITY TO HAVE MATERIALS AND WORKMANSHIP REMOVED IN ORDER TO CORRECT FACTORY MATERIALS OR WORKMANSHIP.
 GENERAL DESIGN REQUIREMENTS:
 TWO (2) APPROXIMATELY 12' X 60' MODULES DESIGNED SO THAT TWO MODULES MAY BE JOINED TOGETHER TO FORM A COMPLETE STRUCTURE TO MAINTAIN A POSITIVE ALIGNMENT OF FLOORS, WALLS, AND ROOF AND TO PERMIT SIMPLE NON-DESTRUCTIVE DETACHMENT FOR FUTURE RELOCATION.
 EACH MODULE SHALL BE PERMANENTLY IDENTIFIED WITH AN IMPRINTED (STAMPED NOT ENGRAVED) METAL IDENTIFICATION TAG 3" X 1" - 1/2" MINIMUM SIZE WITH THE FOLLOWING INFORMATION:
 1. MANUFACTURER'S BUILDING NUMBER.
 2. DESIGN WIND LOAD
 3. DESIGN ROOF LIVE LOAD
 4. D.S.A. APPLICATION NUMBER.
 EACH MODULE SHALL BE CAPABLE OF RESISTING ALL VERTICAL AND LATERAL LOADS DURING TRANSPORTATION AND RELOCATION. (NORMAL INDUSTRY PRACTICE FOR BRACING MODULES DURING TRANSPORTATION AND RELOCATIONS IS ACCEPTABLE.) WHEN MODULES ARE ASSEMBLED JOINTS SHALL BE SEALED WITH REMOVABLE CLOSING STRIPS OR OTHER METHOD TO PRESENT A FINISHED APPEARANCE AND BE PERMANENTLY WATERPROOF.
 EACH 12' X 60' MODULE SHALL BE SUFFICIENTLY RIGID TO BE JACKED UP AT THE FRONT AND BACK CORNERS FOR RELOCATION WITHOUT DAMAGE OR THE MODULE SHALL HAVE LIFT LUGS AT FRONT AND BACK LOCATED AS REQUIRED SO THAT THE MODULE MAY BE JACKED UP FOR RELOCATION IN ONE PIECE WITHOUT ADDITIONAL SUPPORTS OF ANY TYPE. EVIDENCE OF EXCESSIVE BOWING DURING THE INSTALLATION OF THE MODULES WHICH, IN THE OPINION OF THE AGENCY ARCHITECT OR STRUCTURAL ENGINEER, CAUSES EXCESSIVE WORKING AT ANY JOINT OR COMPROMISES THE STRUCTURAL INTEGRITY OF THE MODULE SHALL BE SUFFICIENT REASON FOR REJECTION OF THE MODULE.
 FINISH AND BASE MATERIALS AT EACH MODULE SHALL TERMINATE AT INTERIOR MODULE JOINTS IN A MANNER TO JOIN FLUSH AND TIGHT WITH SAK MATTERIALS IN ADJACENT MODULE SO THE MODULE MAY BE RELOCATED WITH MINIMUM CUTTING AND PATCHING.
 DIMENSIONS
 THE BUILDINGS SHALL OCCUPY AN AREA OF 1440 SQUARE FEET WITH A TOLERANCE OF MINUS 5 SQUARE FEET. THE BUILDINGS SHALL BE 24' X 60'. ALL BUILDINGS SHALL MEET THE SQUARE FOOTAGE REQUIREMENT. LINER DIMENSIONS SHALL BE VERTICAL TRIM FINISH LINE TO VERTICAL TRIM FINISH LINE.
 FASCIA AND REQUIRED OVERHANGS ARE NOT INCLUDED IN THE CALCULATION OF THE SQUARE FOOTAGE OF THE BUILDING OCCUPIES. THE END WALLS SHALL HAVE A MINIMUM 2' OVERHANG. FULL LENGTH GUTTERS AND DOWNSPUTS SHALL BE FURNISHED ON THE SIDES OF EACH OVERHANG AND EACH ROOF EDGE WHERE DRAINAGE OCCURS. THE INTERIOR HEIGHT FLOOR TO CEILING SHALL BE 8'-6" U.O.N. THE MODULE SHALL BE CLEAR SPAN TYPE EXCEPT AS PROVIDED FOR IN THE BID SPECIFICATIONS NOTHING SHALL PROTRUDE MORE THAN 1" BELOW THE CEILING LEVEL.
 ITEMS NOTED AS N.I.C. (NOT IN CONTRACT) OR "BY OTHERS" IS THE RESPONSIBILITY OF THE SCHOOL DISTRICT DEPENDING ON THE AGREEMENT WITH CONTRACTOR.
 IN THE EVENT OF CONFLICT BETWEEN THESE SPECIFICATIONS AND THE DISTRICT BID SPECIFICATIONS, THE DISTRICT SPECIFICATIONS SHALL PREVAIL.
 SITE NOTE: APPLICABLE TO EACH SITE.
 CBC CHAP. 3 SECTION 306.2
 LIMITED TO TYPES OF CONSTRUCTION FORTH IN TABLE 5-B AND SHALL NOT EXCEED, IN AREA OR HEIGHT, LIMITS SPECIFIED IN 504.305 & 506. THE OVERHANG IF PROVIDED SHALL BE INCLUDED TO 50. FT.
 SECTION 306.1
 FINISHING SHALL FLOOR DIRECTLY ON OR HAVE ACCESS TO A PUBLIC STREET NOT LESS THAN 20'.
 ACCESS TO THE PUBLIC STREET SHALL BE A MINIMUM 20' WIDE RIGHT OF WAY, UNOBSTRUCTED AND MAINTAINED ONLY AS ACCESS TO PUBLIC STREET.
 SECTION 306.1.5
 1.5M PROVISION OF FIRE ALARM APPLICABLE AT EACH SITE.



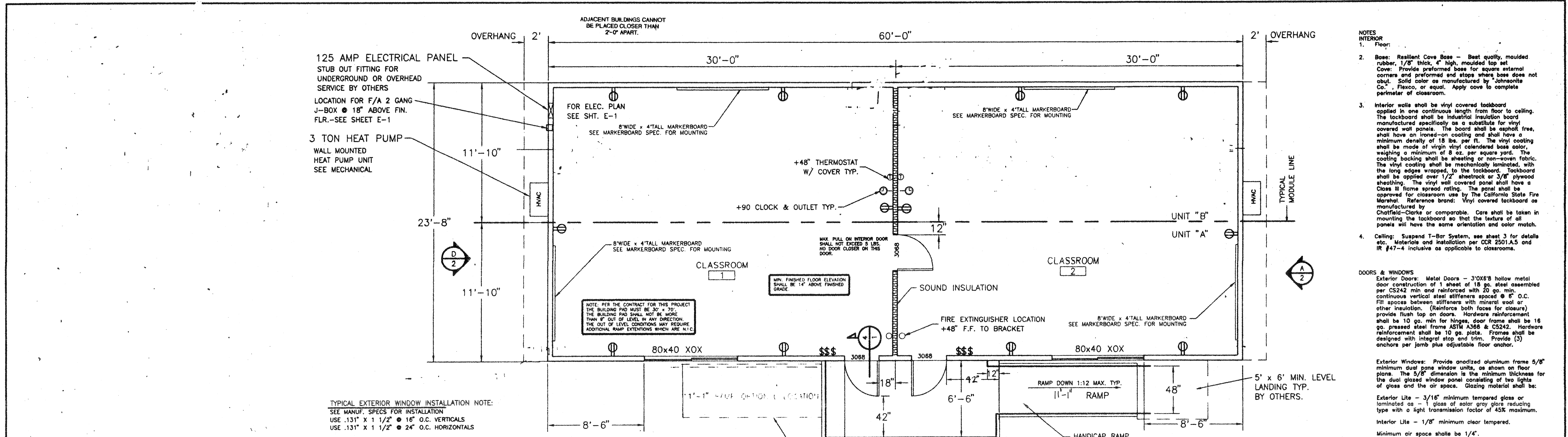
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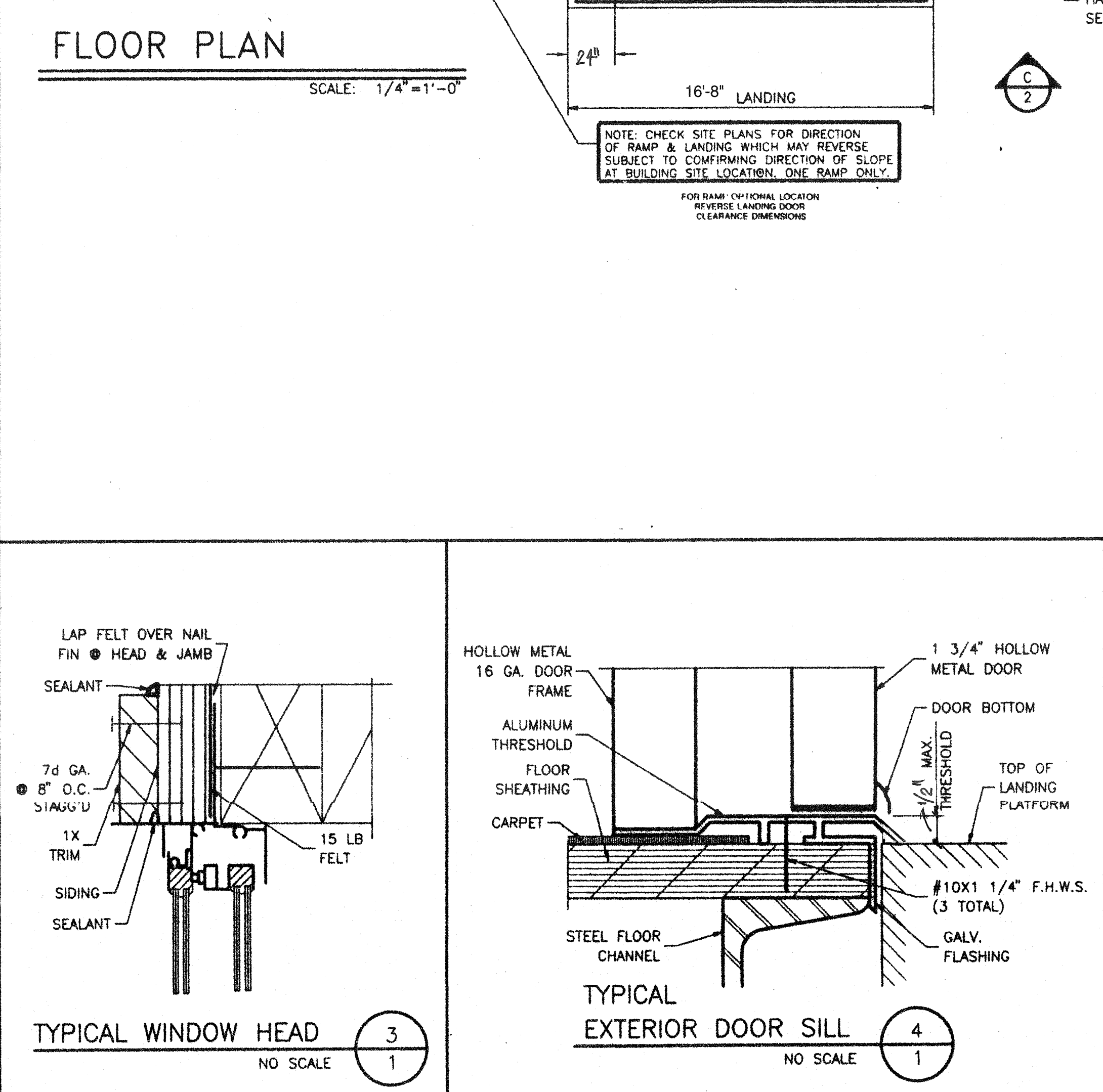
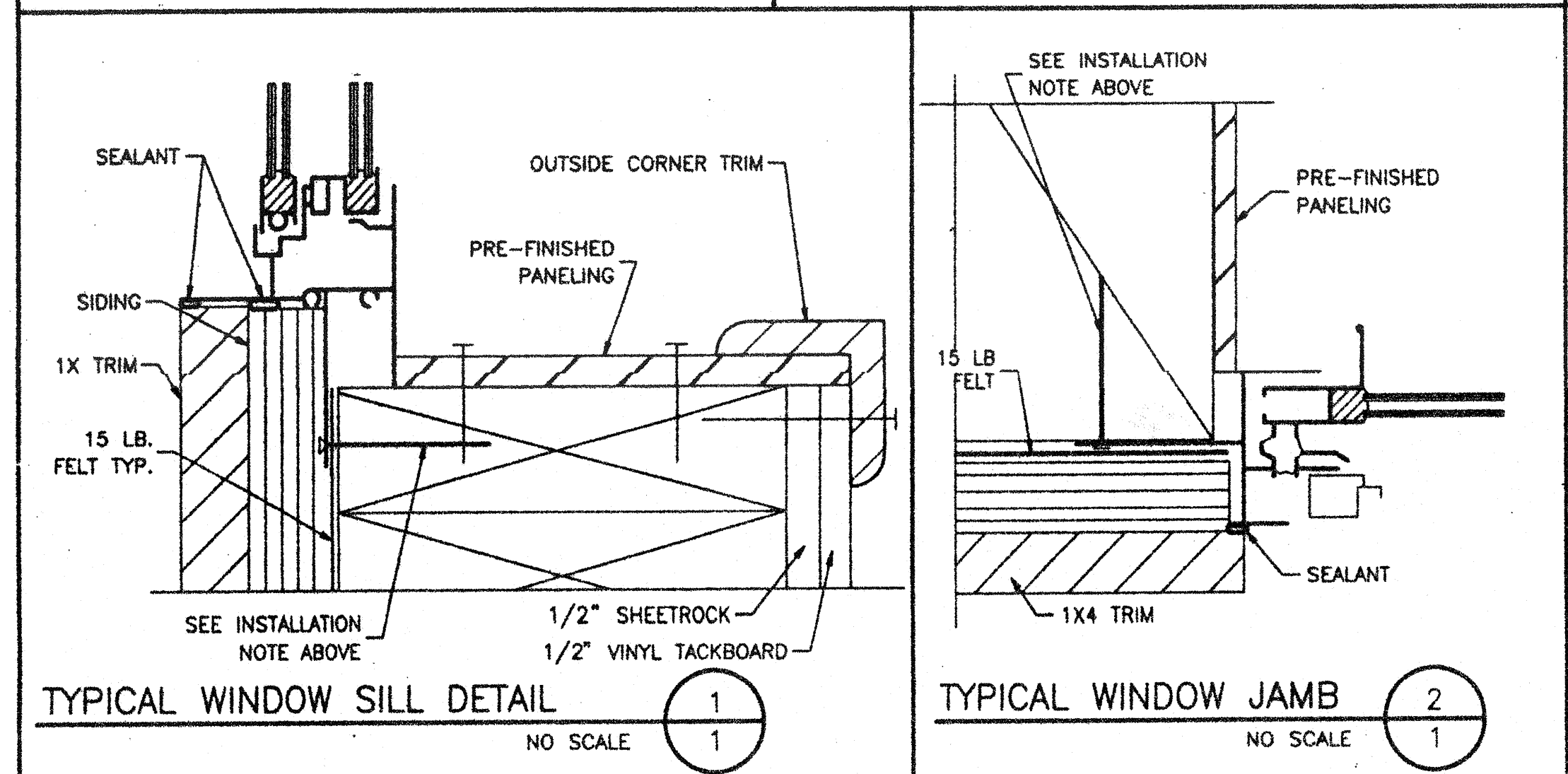
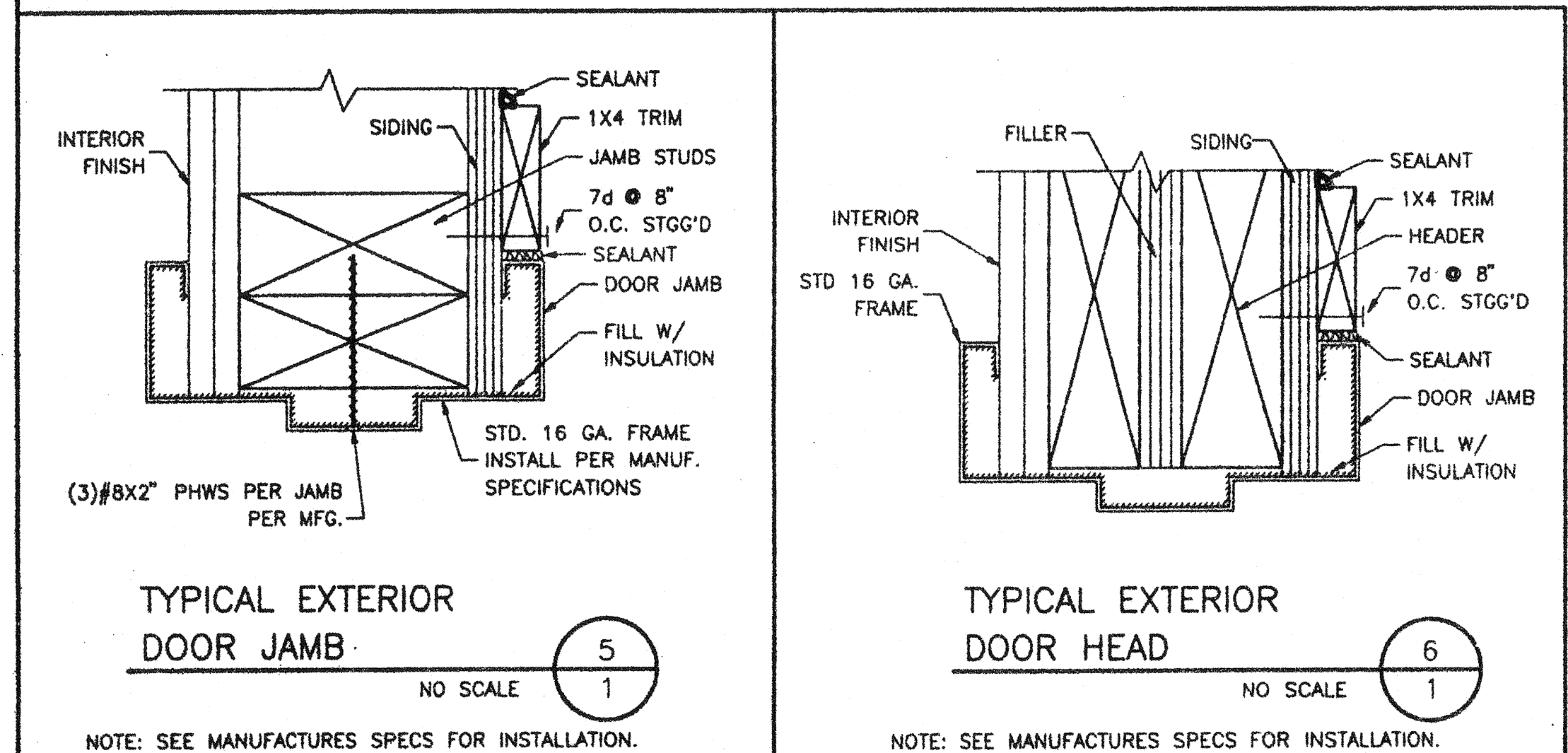
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PROJECT No. _____

SHEET No. **N-1**



- NOTES**
- INTERIOR**
1. Floor:
 - 2. Base: Resilient Cove Base - Best quality, moulded rubber, 1/2" thick, 4" high, rounded top set.
 - 3. Cove: Provide preformed base for square external corners and preformed end stops where base does not abut. Solid color as manufactured by Johnsonite Co., Flaco, or equal. Apply cove to complete perimeter of classroom.
 2. Interior walls shall be vinyl covered lockboard applied in one continuous length from floor to ceiling. The lockboard shall be industrial insulation board manufactured specifically as a substitute for vinyl covered wall panels. The board shall be seamed free, shall have an ironed-on coating and shall have a minimum density of 18 lbs. per ft. The vinyl coating shall be made of virgin vinyl celsuloid base color, weighing a minimum of 8 oz. per square yard. The coating backing shall be sheathing or non-woven fabric. The vinyl coating shall be mechanically laminated, with the long edges wrapped, to the lockboard. Lockboard shall be applied over 1/2" sheetrock or 3/8" plywood sheathing. The vinyl wall covered panel shall have a Class II flame spread rating. The panel shall be approved for classroom use by The California State Fire Marshal. Referenced brand: Vinyl covered lockboard as manufactured by Chaffin-Clarke or comparable. Care shall be taken in mounting the lockboard so that the texture of all panels will have the same orientation and color match.
 3. Ceiling: Suspend T-Bar System, see sheet 3 for details etc. Materials and installation per CCR 2501A.5 and IR #47-4 inclusive as applicable to classrooms.
- DOORS & WINDOWS**
- Exterior Doors:** Metal Doors - 3'0" x 8'0" hollow metal door construction of 1 sheet of 18 ga. steel assembled per CS242 min and reinforced with 20 ga. mild steel continuous vertical steel stiffeners spaced @ 8" O.C. Fill spaces between stiffeners with mineral wool or other insulation. (Check for both faces for clearance) provide flush top on doors. Hardware reinforcement shall be 10 ga. min for hinges, door frame shall be 16 ga. pressed steel frame ASTM A366 & CS242. Hardware reinforcement shall be 10 ga. plates. Frames shall be designed with integral stop and trim. Provide (3) anchors per jamb plus adjustable floor anchor.
- Exterior Windows:** Provide anodized aluminum frame 5/8" minimum dual pane window units, as shown on floor plans. The 3/4" dimension is the minimum thickness for the dual glazed window panel consisting of two lights of glass and the air space. Glazing material shall be:
- Exterior Lite - 3/16" minimum tempered glass or laminated as - 1 glass of solar gray glass reducing type with a light transmission factor of 45% maximum.**
- Interior Lite - 1/8" minimum clear tempered.**
- Minimum air space shall be 1/4".
- Space - Bent or sealed corner aluminum with desiccant fill.
- Sealer - Butyl primary seal and polysulfide of silicone secondary seal.
- Certification - All glazing to be certified in accordance with ASTM E-773, E-774.
- Header height shall be the same as the door. All operable parts shall have aluminum screens. Windows shall not be mortised to the exterior plywood surface. All windows shall meet the AIAA GS101-88 voluntary spec. for aluminum prime windows and sliding glass (ANSI), commercial grade.
- HARDWARE**
- Exterior Door:**
- A) Hinge: Heger 4-1/2x4-1/2 butts, BS1278 US250, 1-1/2 pair each door with set screw in barrel and ball bearing design, or approved equal.
 - B) Lockset: Classroom lever handle lockset, cylindrical type, Schlage D70PD (Rhosas) use on interior door also or equivalent, US250 finish.
 - C) Closer: Norton 8500DA or 8500BF series, LCN 1460 Del series or equal.
 - D) Weatherstripping: All exterior doors shall be weatherstripped with Pemko 2900, Ultra 95007, at door jamba and head or equal.
 - E) Threshold: Threshold shall be Pemko 271 AV 5" aluminum with Pemko 218 AV Ultra TH42 door bottom.
- Interior Door:**
- A) Lockset: Classroom lever handle lockset, cylindrical type, Schlage S70PD (Rhosas) or equivalent, US250 finish.
- FIRE EXTINGUISHER**
1. Each portable classroom shall be equipped with pressure type fire extinguishers with 2A0BC UL rating. To be mounted on the interior wall of the building near the doorway(s) at a height of 4 feet to mounting bracket. Fire extinguishers shall be totally charged and have a dial indicating the state of charge.



MARKERBOARD SPECIFICATIONS

Markerboards shall be 5 mil thick melamine facing sheet suitable to accept dry erase felt markers. The facing sheet shall be laminated, using hot melt adhesive, to a medium density particleboard substrate with a minimum density of 45 lb./c. ft. The panel shall have a foil backing. The panels shall have extruded aluminum molding and channel with a minimum of 2-1/2" projection from the face of the panel. A full length mop rail shall be provided with end inset and end stops. The mop rail and channel are to incorporate a channel to trap around the panel. Three (3) mop hooks, with clips, per panel shall be provided. One leg holder, 1/2" dia, shall be provided for each classroom. Each classroom shall be 2 sq. 4x8 panels installed side by side to make a 4x16 panel, centered on one of the long walls. Referenced brand: Chaffin-Clarke Co., series 900. Allow directly to studs and insulation @ 16" o.c. and hand wood screw @ 32" o.c. horizontally and @ 24" o.c. vertically.

NOTE AT 30 SQ. FT. PER OCCUPANT CAPACITY AGGREGATE: EACH SITE RECEIVING PC 300 BUILDINGS SHALL CONTINUE WITH THE ALARM SYSTEM. HOME MANUFACTURE (USA E-ZONE) ON ADDRESS CIRCLED; END OF LINE MEANS WITH INTERFERE SYSTEMS. (SEE SHEET WORKSHEET) COMPLETE DATA SHEETS WITH STATE FIRE MARSHAL LISTING AND ANY OTHER PERTINENT INFORMATION.

NOTE: ALL SITE WHICH REQUIRES REMOVAL OF PARTITION BETWEEN CLASSROOMS SHALL ACCOMMODATE THE OCCUPANTS WITH NO. OF DATA SHEETS. (SEE SHEET 3) APPROVAL AND SHALL BE RESUBMITTED. CHANGE ORDER, ETC.

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 JOHN NYBERG
 JUL 9 2019

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 AC 9/15/18
 DATE 11-1-2019

24 X 60 RELOCATABLE CLASSROOMS

American Modular Systems

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DATE: 10-14-98

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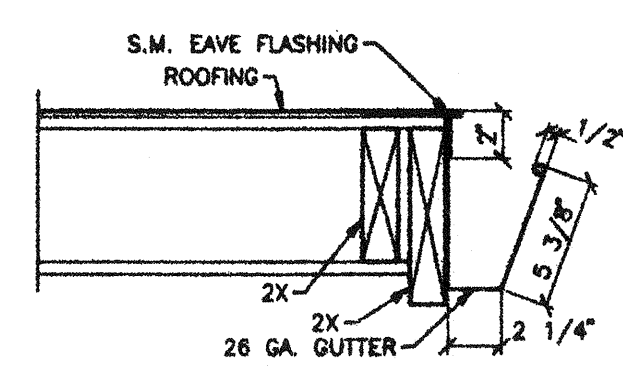
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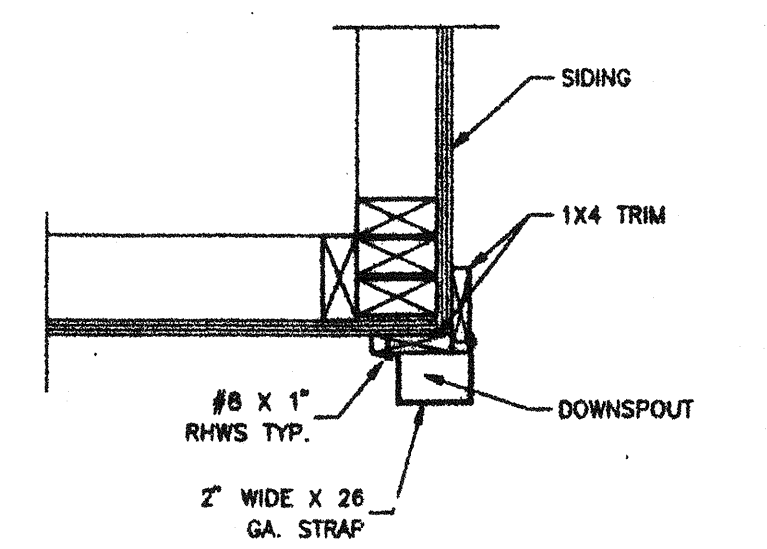
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SHEET No. **1**

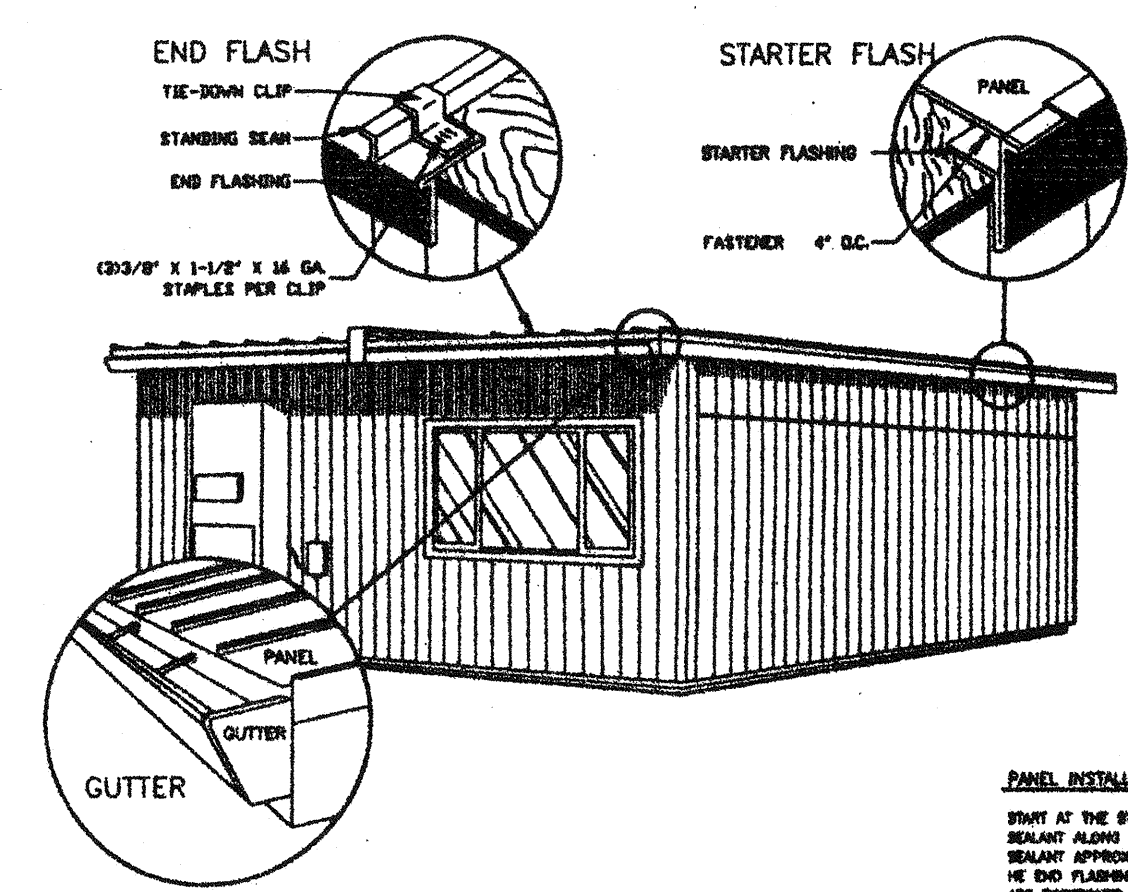


GUTTER: 26 GA. G-90 GALV. STEEL, FASTENED W/ 18 GA. CLIPS 48" O.C. OMAX.
 DOWNSPOUT: 2"x3" G-90 30 GA. CONVOLUTED GALV. STEEL.
 DOWNSPOUT STRAPS: 26 GA. STEEL X 1" WIDE ATTACHED TO BLDG. MAX. 8'-00" O.C.

GUTTER AT OVERHANG DETAIL



DOWNSPOUT DETAIL



EXPECATIONS

FASTENERS: #8x1-1/2" AND #8x2" ZINC PLATED SHEET METAL SCREWS, 3/4" CROWN X 1-1/2" LENGTH 18 GADE STAPLES OR 6x 1-1/2" AND 8x2" NAILS.

WEATHERPROOFING: VENTS, CURBS, ROOF CAP, COMPLEX CAP, PAN FLUCE, PAN OVERLAP AND FLASHING ARE SEALED WITH #18 VALZEX POLYURETHANE SEALANT MEETING FEDERAL SPECIFICATIONS TT-8-BEAD, TYPE K, CLASS A. ALL EXPOSED SCREWS WILL USE A WEATHERPROOF WASHER AND BE SEALED WITH APPROVED SEALANT.

CLASH-A PANEL MATHING REQUIRES 1/2" PLYWOOD DECK WITH SOLAR FELT UNDERLAYMENT.

PANEL INSTALLATION

START AT THE STARTER FLASHING END OF THE BUILDING. APPLY VALZEX SEALANT ALONG THE STARTER FLASHING SEAL UP. AT THE END OF THE BUILDING SEALANT APPROXIMATELY 1/2" ABOVE THE END OF THE STARTER FLASHING AND ALSO TO THE FLASHING UP. THE SEALANT SHOULD BE APPLIED AS THE PANELS ARE BE POSITIONED TO AND CURVE.

FROM THE PANEL, MAKE THE STARTER FLASHING AND LAY IT INTO POSITION, LEAVING 1/2" OVERHANG OF THE END FOR OVERLAP WITH THE END FLASHING UP. INSTALL 2-CAPS W/ 1" O.C. SPACING FROM THE END OF THE FLASHING UP. CHOOSE SPACING FROM THE END OF THE FLASHING UP. 1-1/2" LENGTH 18 GA. STAPLES PER CAP. THE CAPS NEED ONLY BE NAIL CRIMPED THROUGH THE END OF THE FLASHING. MECHANICALLY CRIMP THE PANEL OVER THE FLASHING UP AND ALONG THE STARTER FLASHING UP.

KEEP ALL FLASHING ON THE CLIPS AND FLASHING COMPLETELY DO NOT USE EXCESSIVE PRESSURE OR OVERDRIVE THE STAPLES AS TO TRIM OR CURVE TO THE CLIP.

INSTALL THE FINISH FLOORING APPROXIMATELY 2" ABOVE THE FLASHING UP. APPLY SEALANT AT THE STARTER FLASHING APPROXIMATELY 1/2" ABOVE THE STARTER FLASHING AND TO THE FLASHING UP. THE SEALANT SHOULD BE APPLIED AS THE PANELS ARE BE POSITIONED TO AND CURVE. FROM THE PANEL, MAKE THE STARTER FLASHING AND LAY IT INTO POSITION, LEAVING 1/2" OVERHANG OF THE END FOR OVERLAP WITH THE END FLASHING UP. CHOOSE SPACING FROM THE END OF THE FLASHING UP. 1-1/2" LENGTH 18 GA. STAPLES PER CAP. THE CAPS NEED ONLY BE NAIL CRIMPED THROUGH THE END OF THE FLASHING. MECHANICALLY CRIMP THE PANEL OVER THE FLASHING UP AND ALONG THE STARTER FLASHING UP.

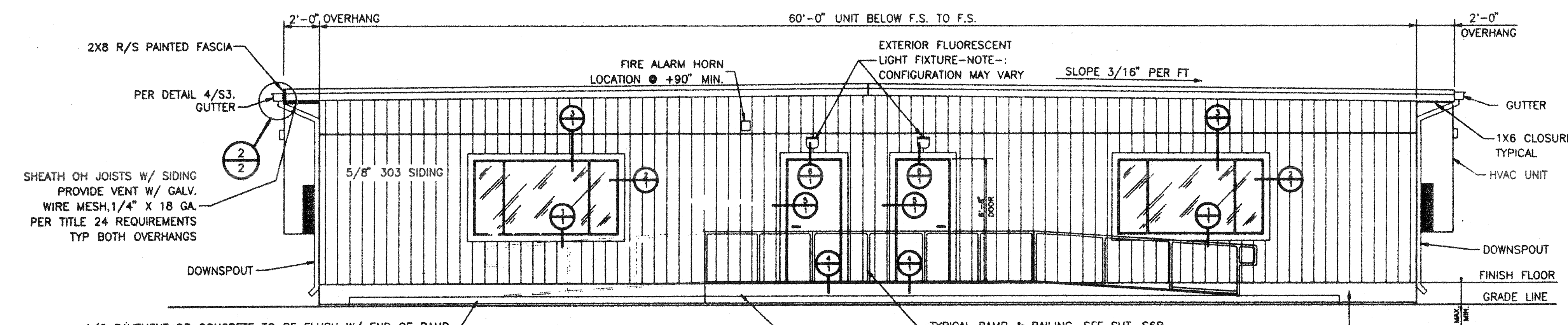
FLASHING DETAIL

INSTALL THE FLASHING ON THE END OF THE BUILDING THAT IS OPPOSITE FROM THE DIRECTION OF WINDING WHO OR LEAVING ONE END OF THE FLASHING UP. THE FLASHING SHOULD EXTEND APPROXIMATELY 2" FROM THE END OF THE FLASHING UP. MAKE UP 1/2" ABOVE THE FLASHING UP. MECHANICALLY CRIMP THE FLASHING UP AND ALONG THE STARTER FLASHING UP.

INSTALL THE END FLASHING ALONG THE OPPOSITE END OF THE BUILDING ON LEAVING ONE END OF THE FLASHING UP. THE FLASHING SHOULD EXTEND APPROXIMATELY 2" FROM THE END OF THE FLASHING UP. MAKE UP 1/2" ABOVE THE FLASHING UP. MECHANICALLY CRIMP THE FLASHING UP AND ALONG THE STARTER FLASHING UP.

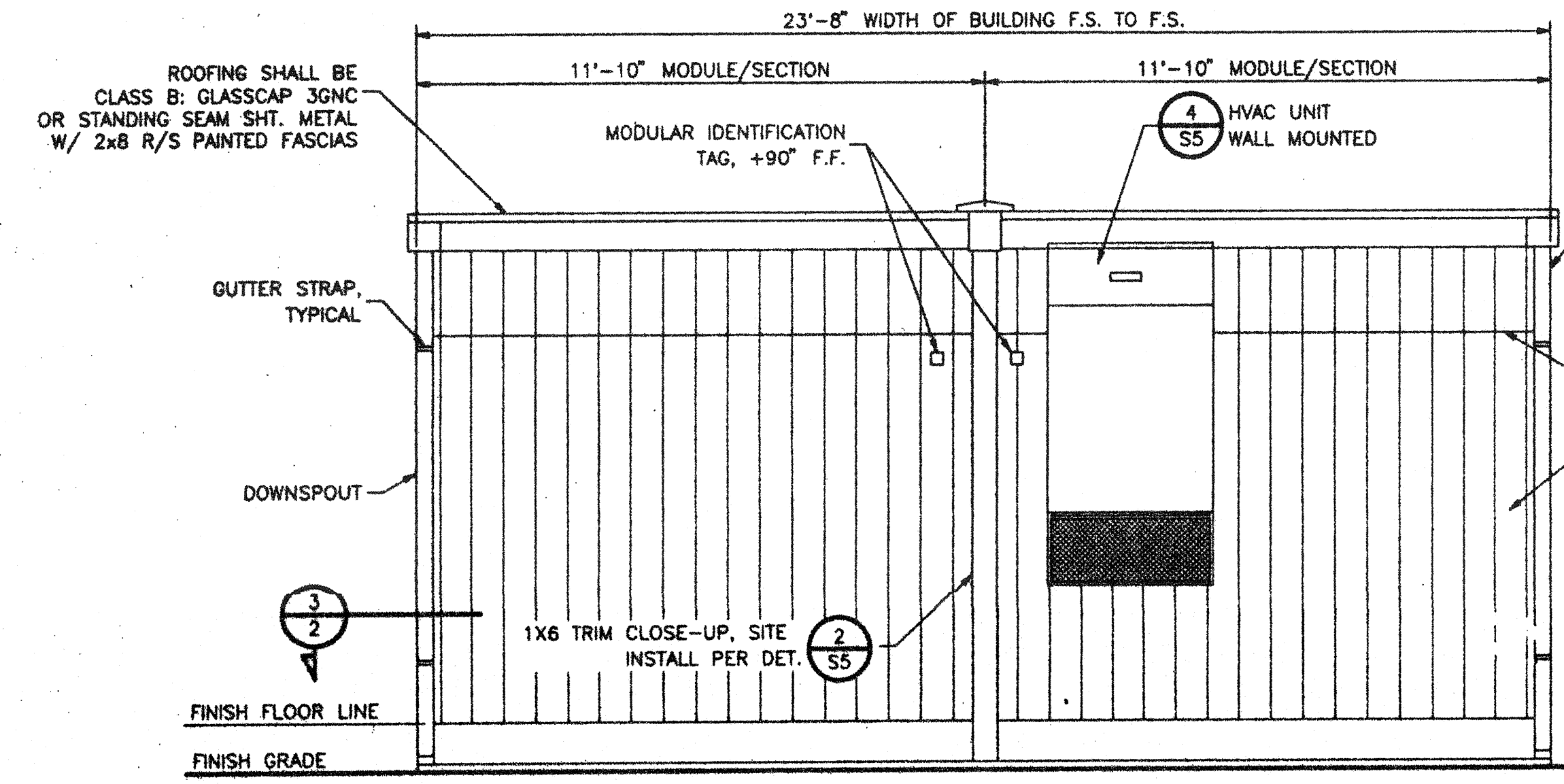
DO NOT OVERDRIVE

REQUIRE A MINIMUM OF 18 GA. STEEL ROOF PANELS WITH 18 GADE DECKING CLIPS AT 1/2" O.C. SPACING TO THE ROOF DECK WITH NAILS 1-1/2" CROWN BY 1 1/2" LENGTH 18 GA. STAPLES PER CAP.



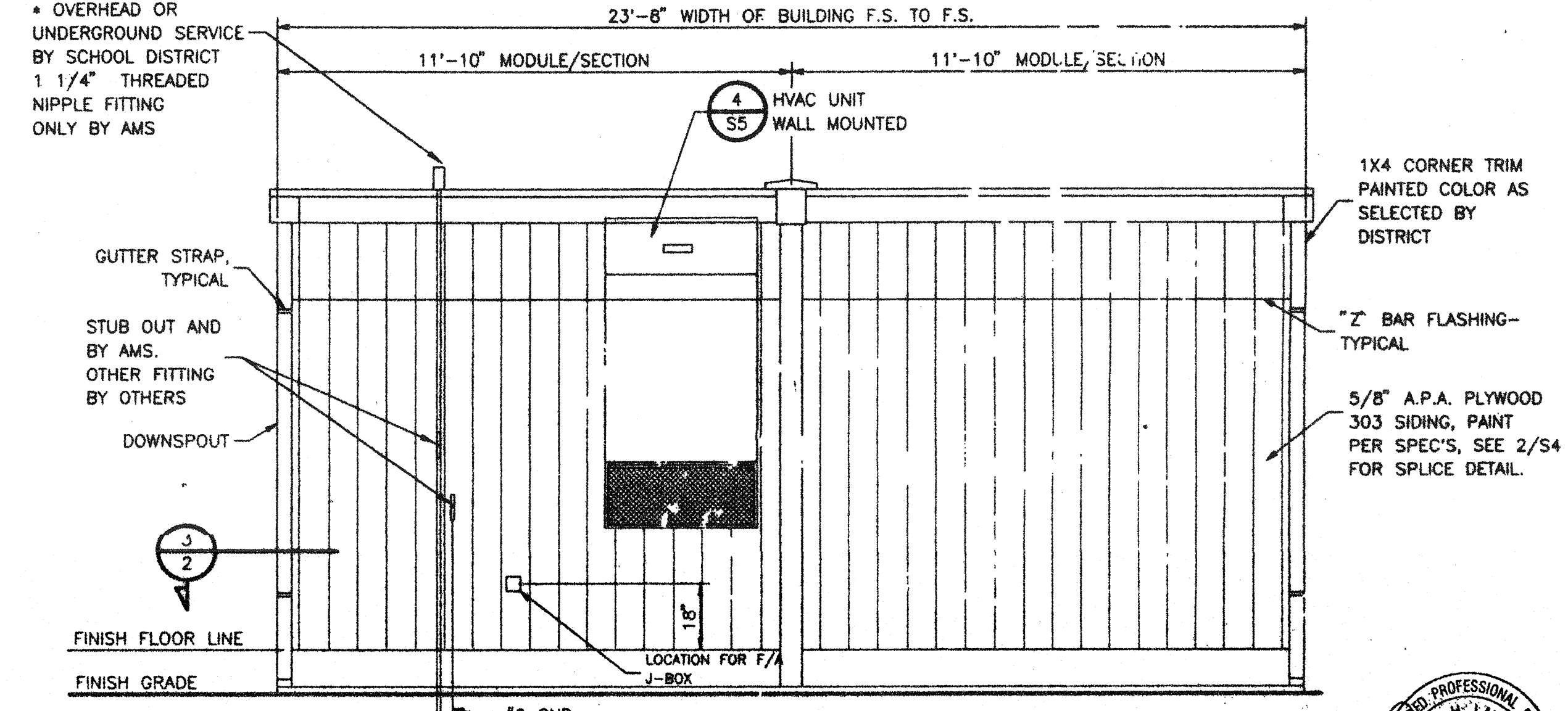
FRONT END/ENTRY ELEVATION (C)

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



REAR END ELEVATION (A)

SCALE: 3/8" = 1'-0"



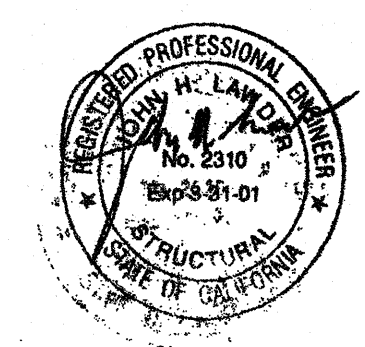
RIGHT SIDE ELEVATION (D)

SCALE: 3/8" = 1'-0"

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 JUL 9 1996

24 X 60
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 CLASSROOMS



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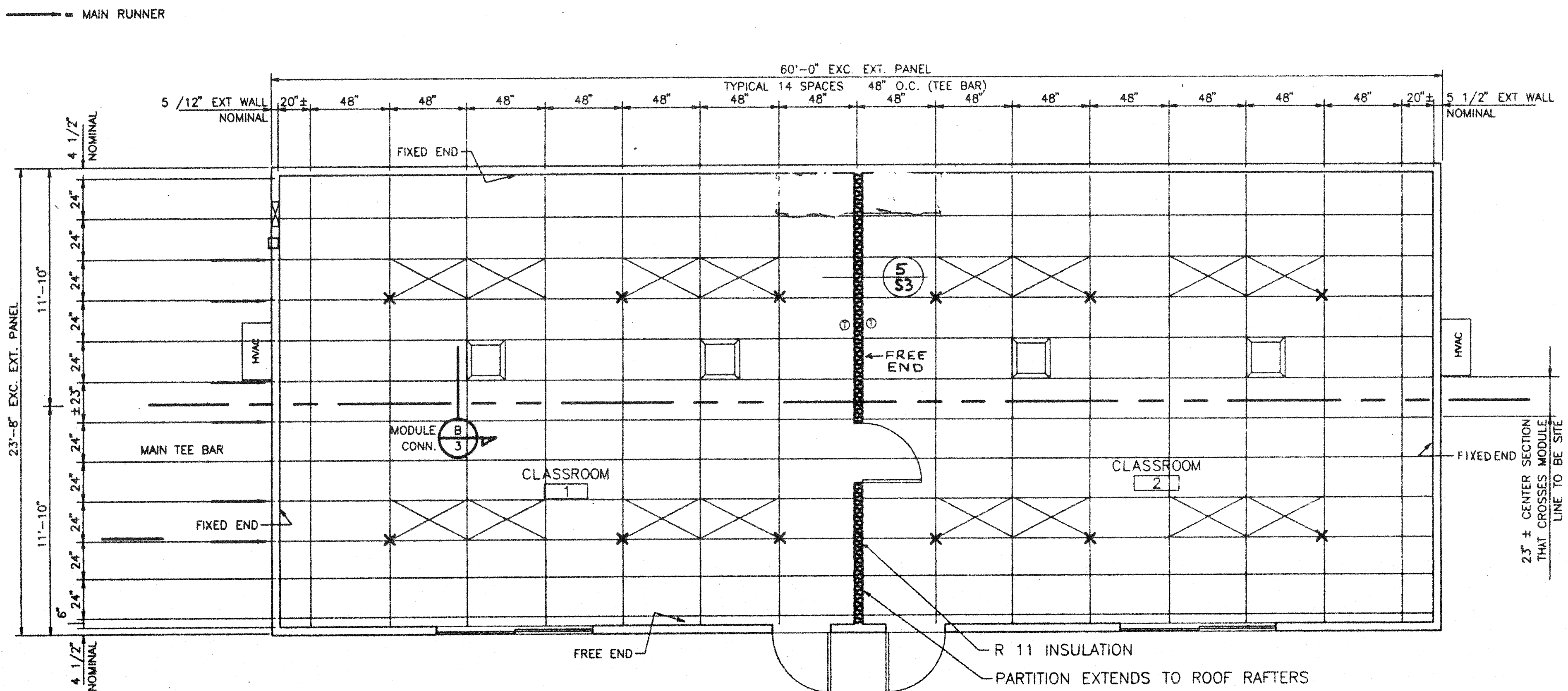
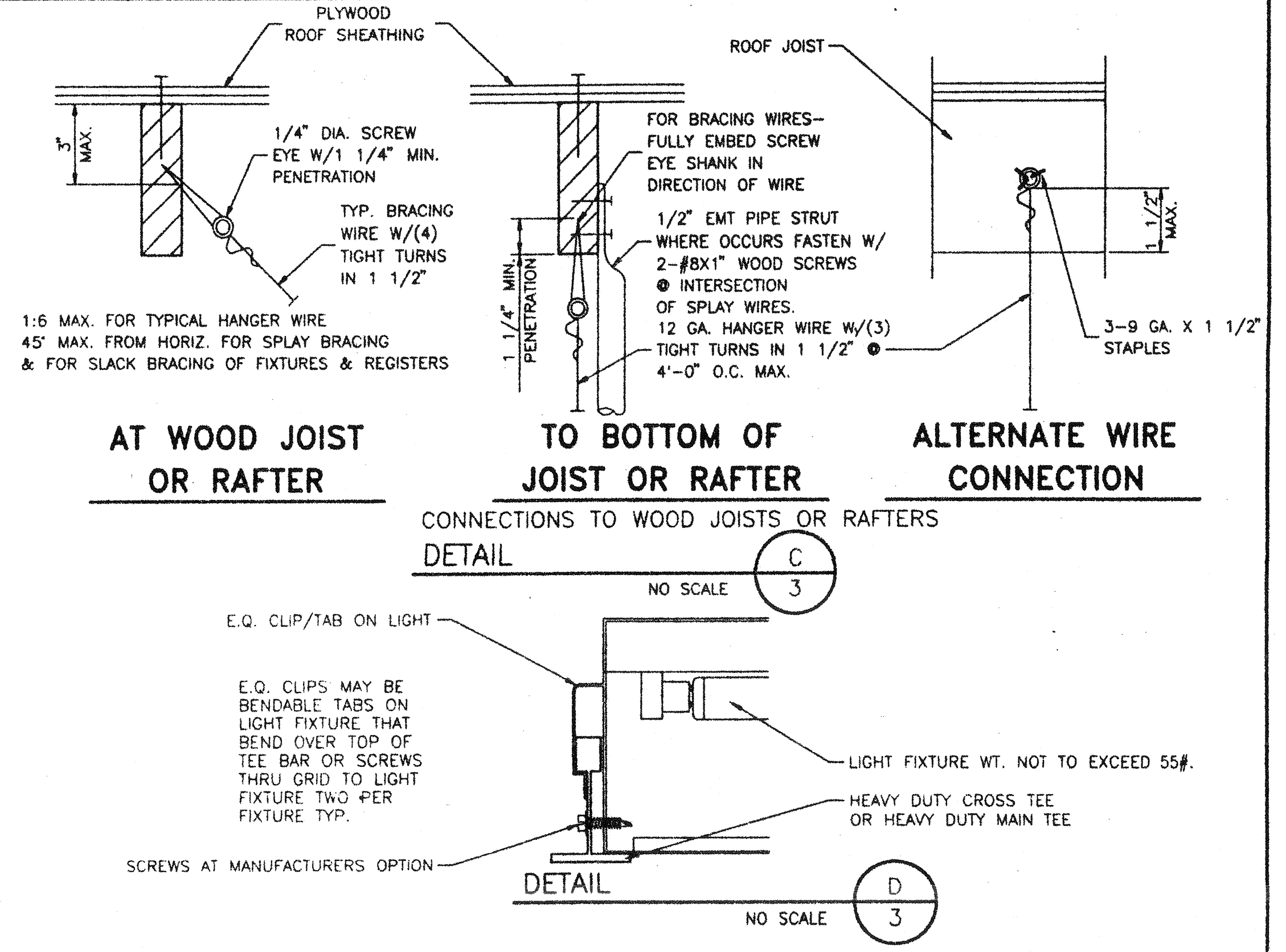
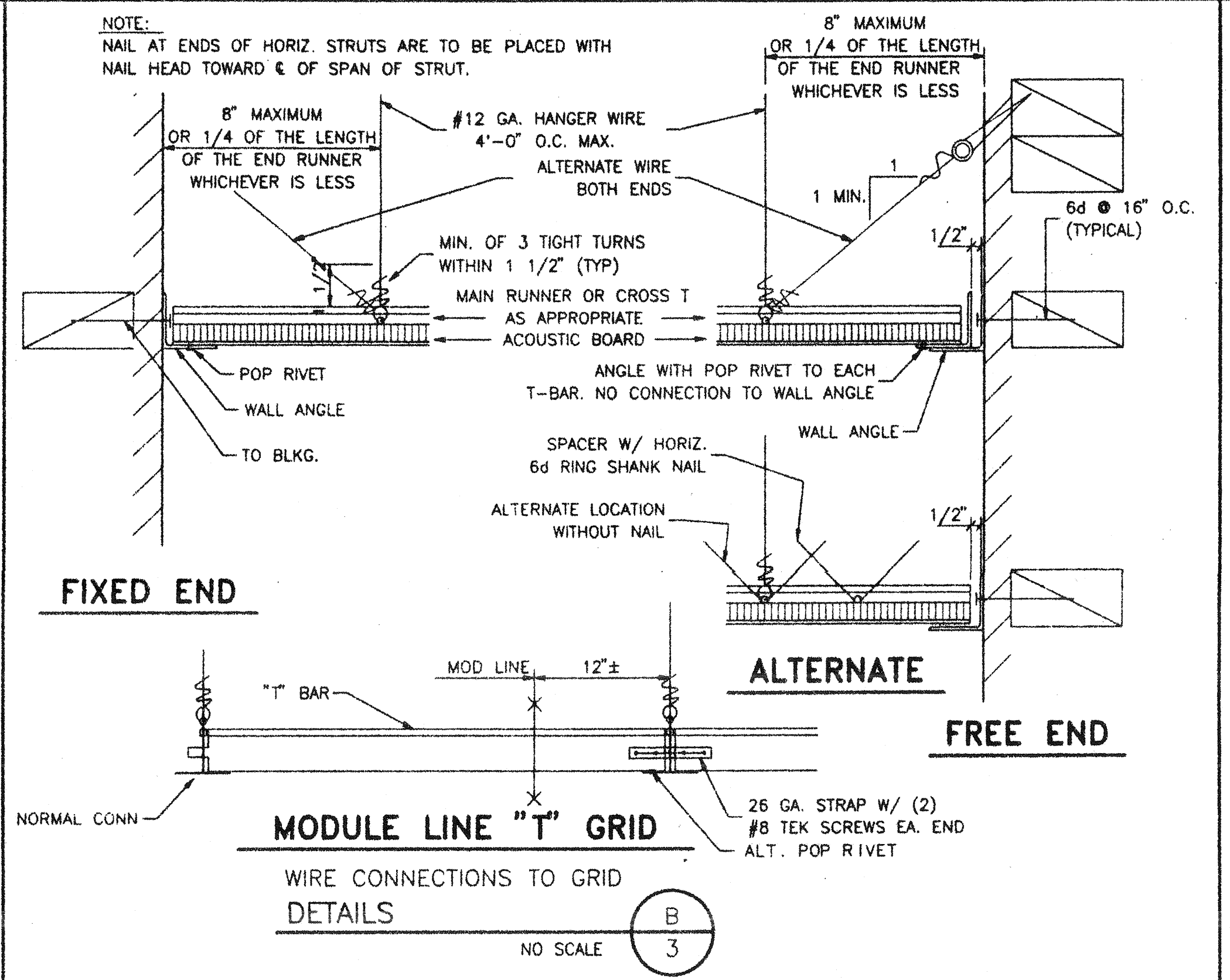
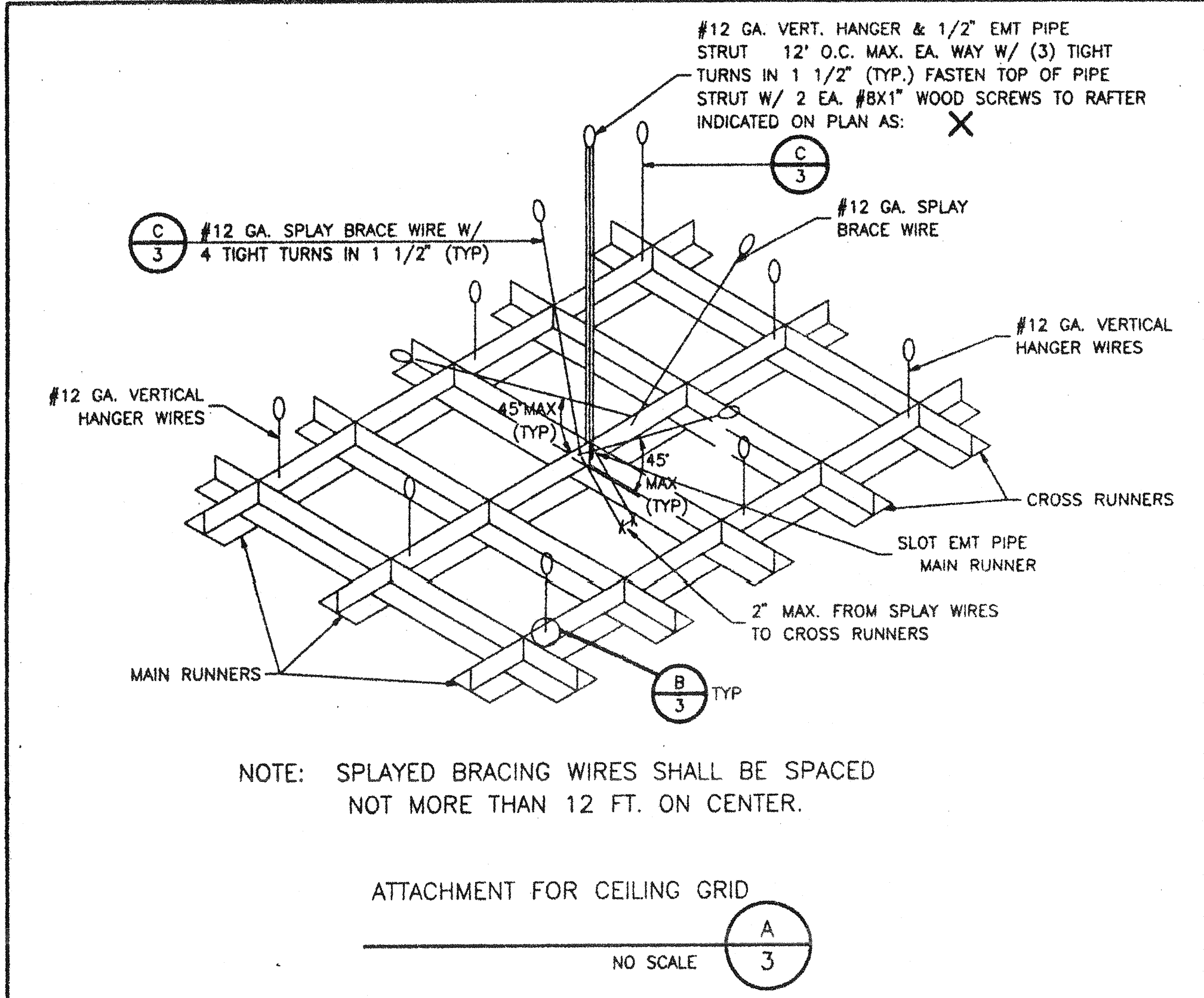
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EXTERIOR ELEVATIONS

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NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION

PROJECT No. _____

SHEET No. **2**



- METAL SUSPENSION SYSTEMS FOR LAY IN PANEL CEILING**
- 12 GA. (MIN) HANGER WIRES MAY BE USED FOR UP TO AND INCLUDING 4'-0" x 4'-0" GRID SPACING, ALONG MAIN RUNNER. SPLICES WILL NOT BE PERMITTED IN ANY HANGER WIRES UNLESS SPECIFICALLY APPROVED BY DSA/ORS.
 - PROVIDE 12 GA HANGER WIRES WITHIN 8" OF THE ENDS OF ALL MAIN AND CROSS RUNNERS OR AT 1/4 OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS AT THE PERIMETER OF THE CEILING AREA.
 - PROVIDE TRAPEZOID OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO MAINTAIN HANGER SPACING. PROVIDE ADDITIONAL HANGERS, STRUTS OR BRACES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS OR DISCONTINUOUS AREAS. HANGER WIRES THAT ARE MORE THAN 1 IN 6 OUT OF PLUMB ARE TO HAVE COUNTERBRACED WIRES.
 - CEILING GRID MEMBERS MAY BE ATTACHED TO NOT MORE THAN 2 ADJACENT WALLS. CEILING GRID MEMBERS SHOULD BE AT LEAST 1/2 INCH FREE OF OTHER WALLS. RUNNERS, ONE END OF MAIN AND CROSS RUNNERS SHOULD IF WALLS RUN DIAGONALLY TO CEILING GRID SYSTEM BE FREE AND A MINIMUM OF 1/2 INCH CLEAR OF WALL.
 - AT THE PERIMETER OF THE CEILING AREA WHERE MAIN OR CROSS RUNNERS ARE NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERCONNECTION BETWEEN THE RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADING. A METAL STRUT OR A 16 GA WIRE WITH A POSITIVE MECHANICAL CONNECTION TO THE RUNNERS MAY BE USED. WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNERS IS 12" OR LESS, THIS INTERLOCK IS NOT REQUIRED.
 - PROVIDE SETS OF 4-#12 GA. SPLAYED BRACING WIRES ORIENTED 90 DEGREES FROM EACH OTHER AT THE FOLLOWING SPACING:
 - (A) FOR SCHOOL BUILDINGS, PLACE SETS OF SPLAY WIRES AT A SPACING NOT MORE THAN 12 FEET BY 12 FEET ON CENTER.
 - (B) PROVIDE SPLAY WIRES AT LOCATIONS NOT MORE THAN 1/2 THE ABOVE SPACING FROM EACH PERIMETER WALL OR AT 5' OF VERTICAL CEILING OFFSETS.
 - FASTEN HANGER WIRES WITH NOT LESS THAN 3 TIGHT TURNS. FASTEN SPLAY WIRES WITH 4 TIGHT TURNS. MAKE ALL TIGHT TURNS WITHIN A DISTANCE OF 1 1/2 INCHES. HANGER OR BRACING WIRE ANCHORS TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE WIRE ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE FORCES ACTING ON THE WIRE.
 - SEPARATE ALL CEILING HANGING AND BRACING WIRES AT LEAST 6 INCHES FROM ALL UNBRACED DUCTS, PIPES, CONDUIT, ETC., IT IS ACCEPTABLE TO ATTACH LIGHT-WEIGHT ITEMS, SUCH AS SINGLE ELECTRICAL CONDUIT NOT EXCEEDING 3/4" NOMINAL DIAMETER, TO HANGER WIRES USING CONNECTORS ACCEPTABLE TO DSA/ORS.
 - ATTACH ALL LIGHT FIXTURES AND AIR TERMINALS TO THE CEILING GRID RUNNERS TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURES SEE DETAIL D/3 ABOVE.
 - FLUSH OR RECESSED LIGHT FIXTURES AND AIR TERMINALS OR SERVICES WEIGHING LESS THAN 56 POUNDS MAY BE SUPPORTED DIRECTLY ON THE RUNNERS OF A HEAVY DUTY GRID SYSTEM BUT, IN ADDITION, THEY MUST HAVE A MINIMUM OF 2-#12 GA. SLACK SAFETY WIRES ATTACHED AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE.
 - CLASSIFICATION OF CEILING GRID: CLASSIFICATION OF CEILING GRID IS "HEAVY DUTY" PER ASTM C635. MANUFACTURER'S CATALOG NUMBER - MAIN RUNNER HEAVY DUTY MAIN TEE OR EQUAL SEE TABLE A. MANUFACTURER'S CATALOG NUMBER - CROSS RUNNER CROSS TEES SEE TABLE A. MANUFACTURER'S CATALOG NUMBER OF DETAIL FOR RUNNER SPLICE N/A. ACOUSTICAL PANELS SHALL BE 5/8" MINIMUM THICK, MINERAL FIBERBOARD OR VINYL-FACED FIBERGLASS LAY-IN PANELS SQUARE EDGE ASTM FLAME SPREAD CLASS 1, 24" x 48" MODULAR SIZE, LIGHT REFLECTION 75% MINIMUM, NOISE REDUCTION COEFFICIENT OF 0.65 MINIMUM. MAXIMUM SMOKE DENSITY NOT TO EXCEED 450.

TABLE A HEAVY DUTY GRID COMPONENTS

MANUFACTURER	MAIN TEE	H.D. 4" CROSS TEE	H.D. 2" CROSS TEE
ARMSTRONG	7301	7341	7333
CHICAGO MET.	200-01	1204-01	1226-01

NOTE: ALL GRID COMPONENTS SHALL BE BY SAME MANUFACTURER

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DATE: JUL 9 2019

24 x 60
RELOCATABLE
HEAD START



CUSTOMER: _____

DATE: 10-14-98

SCALE: NONE

DRAWN BY: R.S.

CHECKED BY: _____

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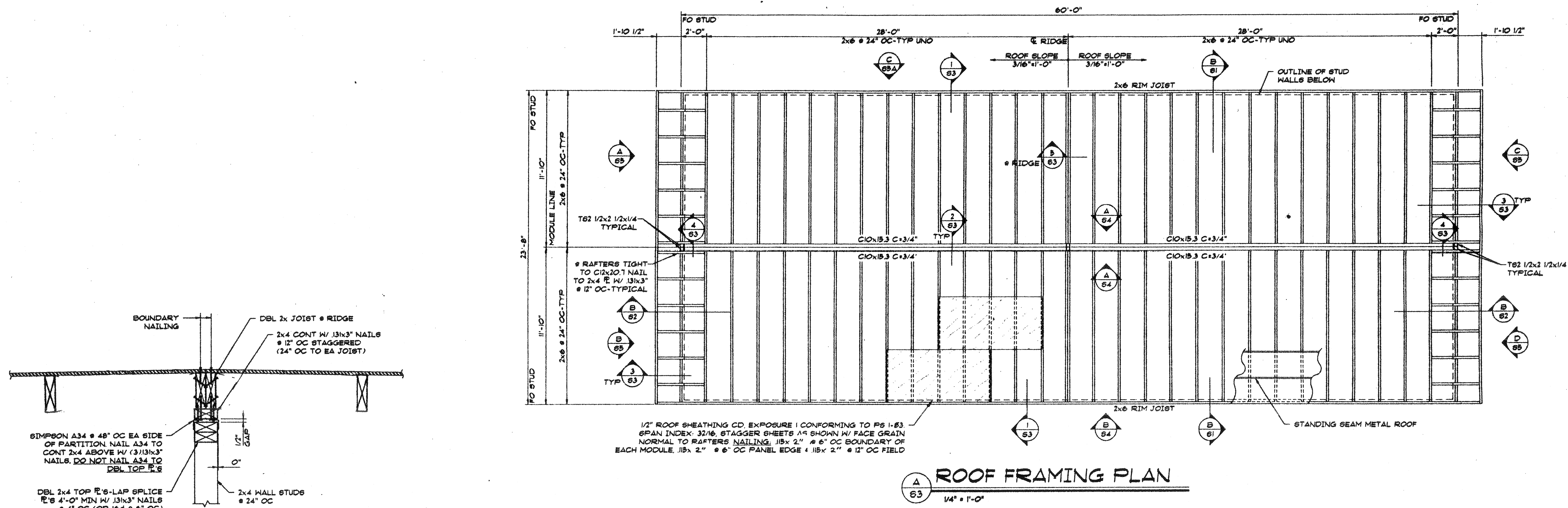
CEILING GRID, DETAILS AND NOTES

REVISIONS

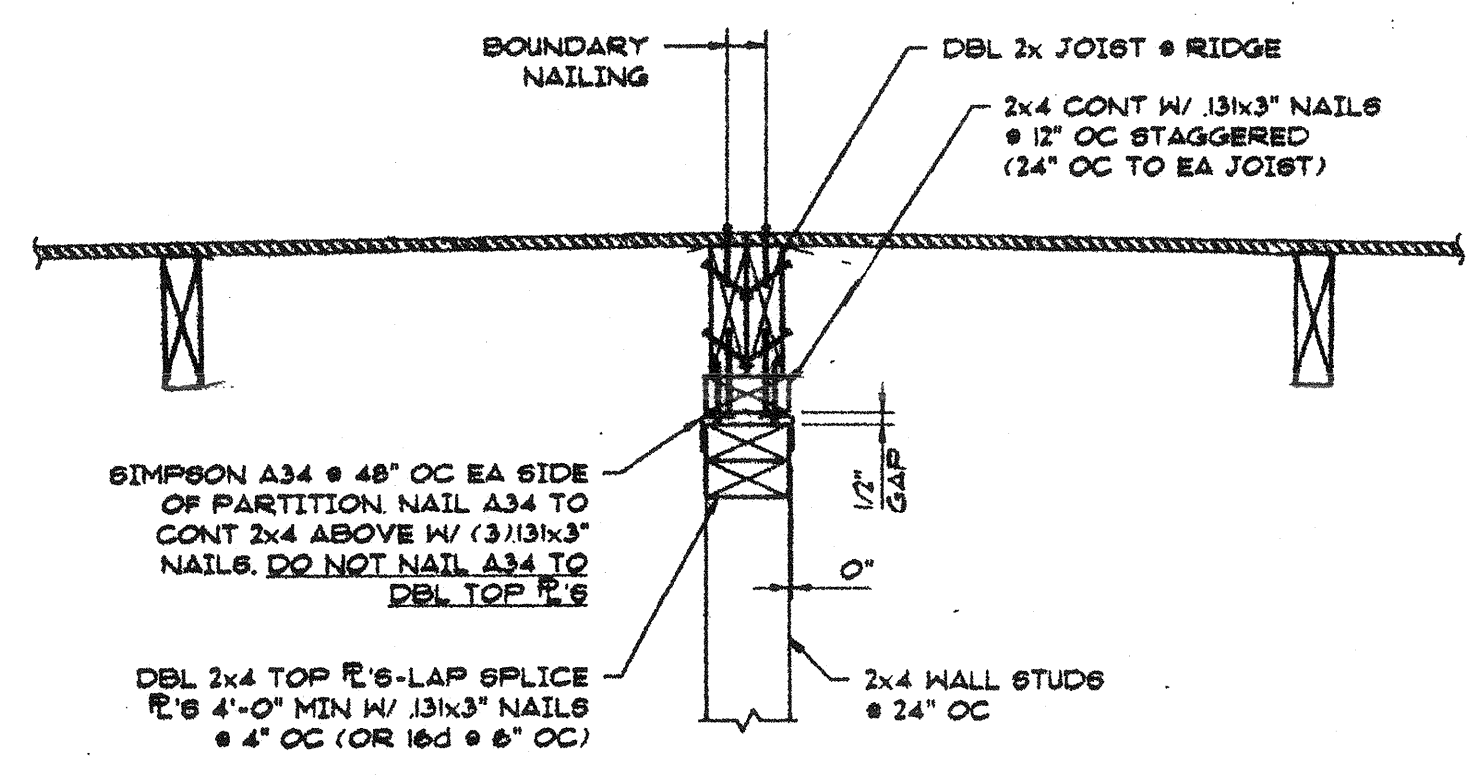
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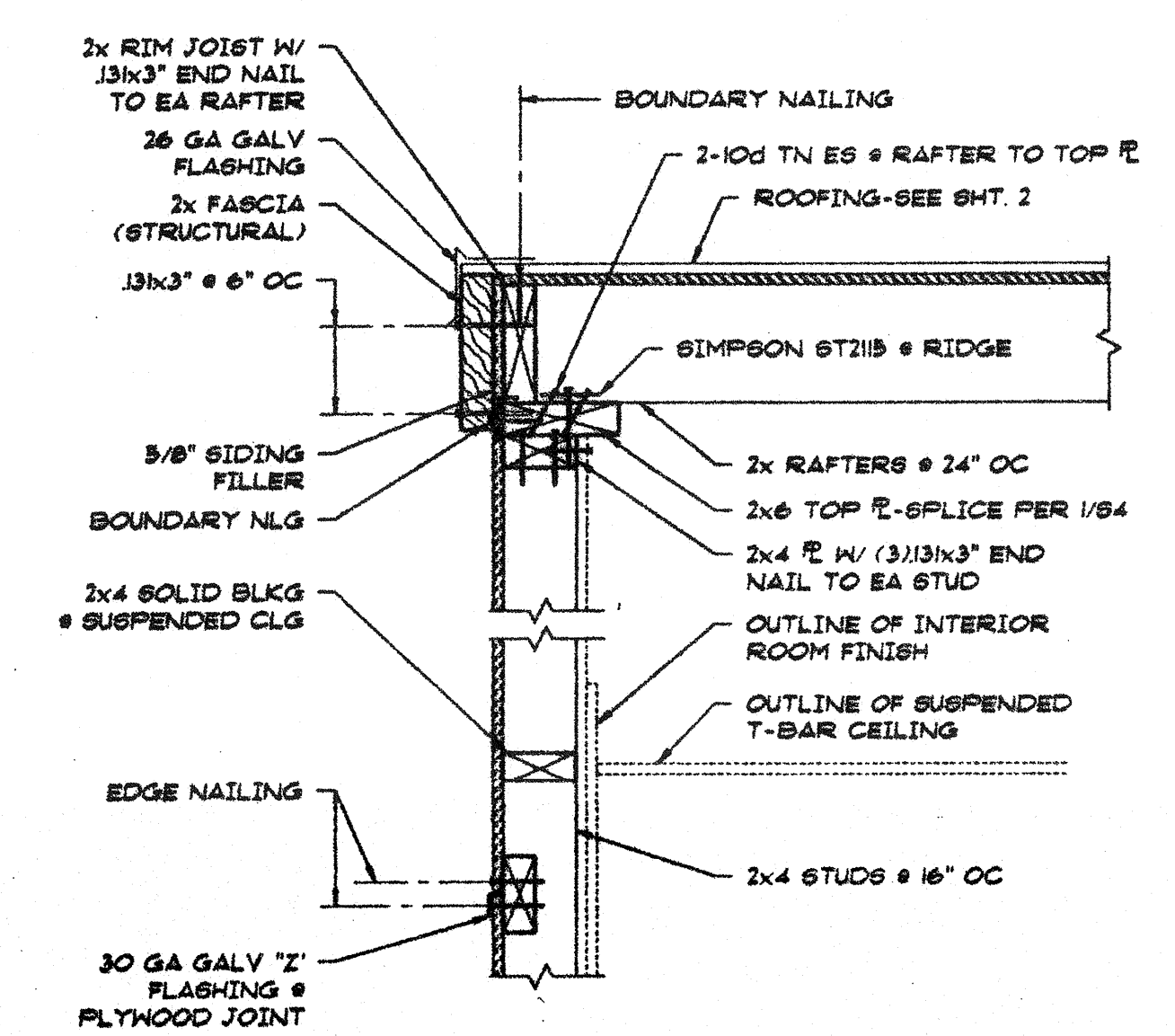
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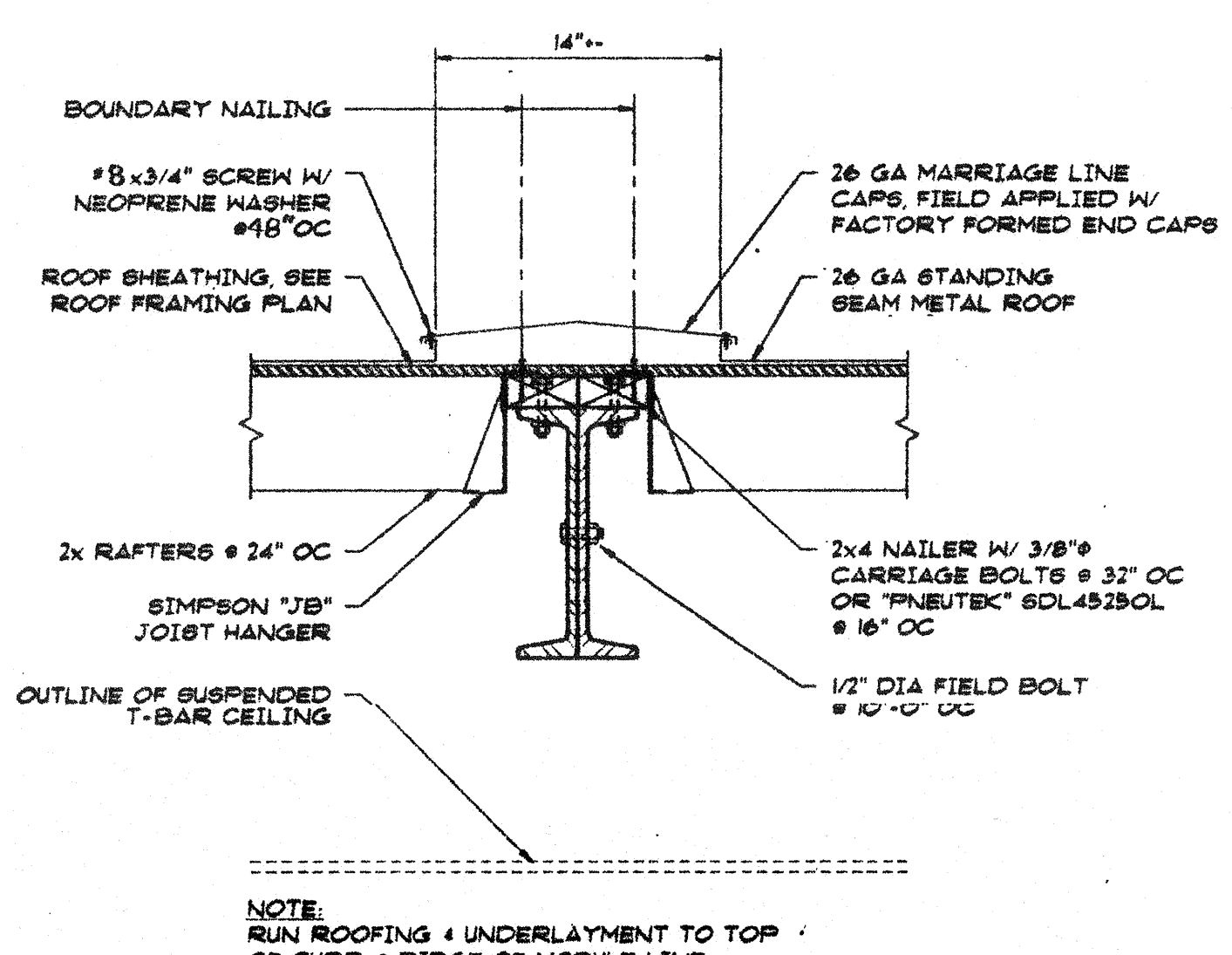
ROOF FRAMING PLAN
1/4" = 1'-0"



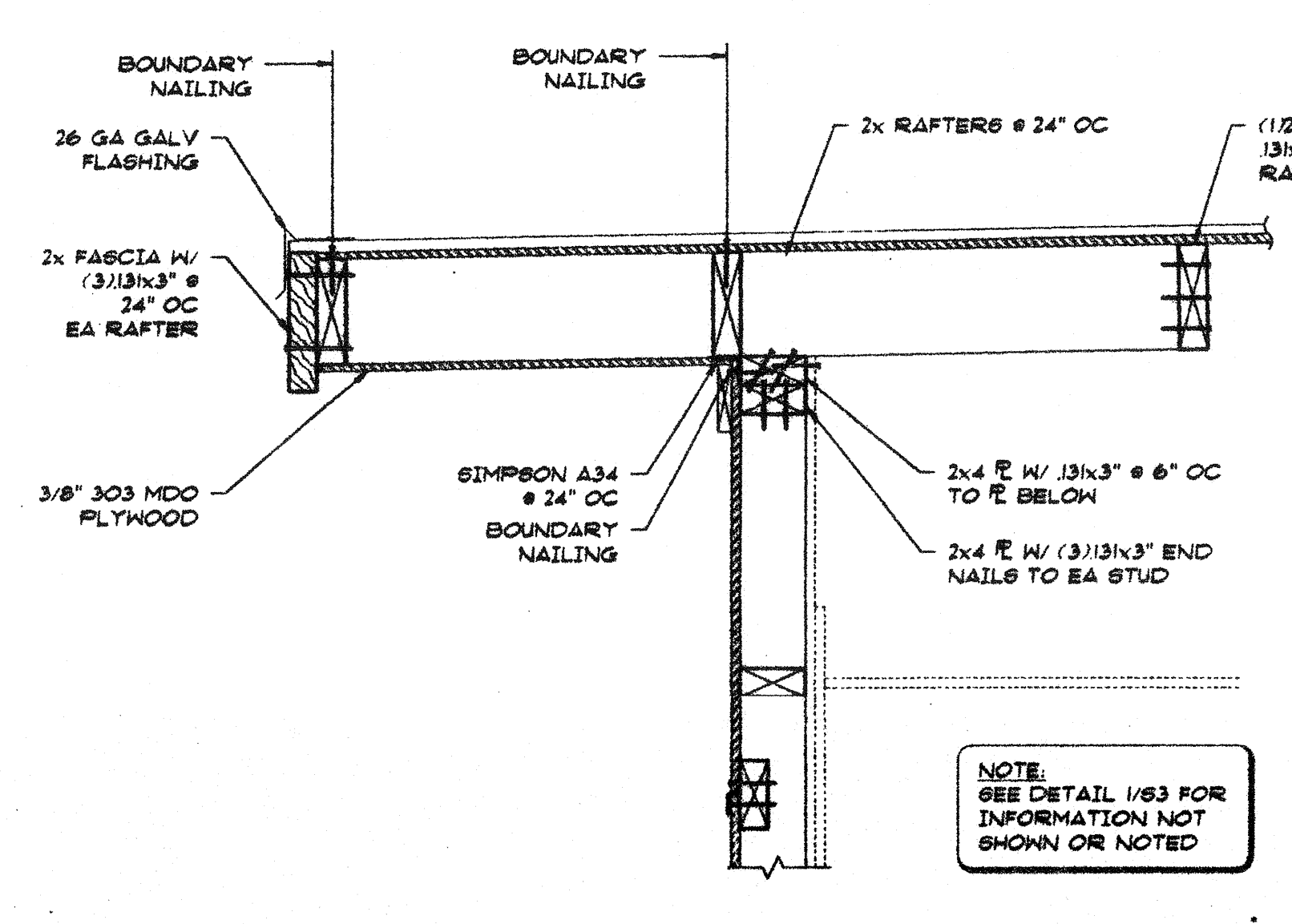
DETAIL 5
1/2" = 1'-0"



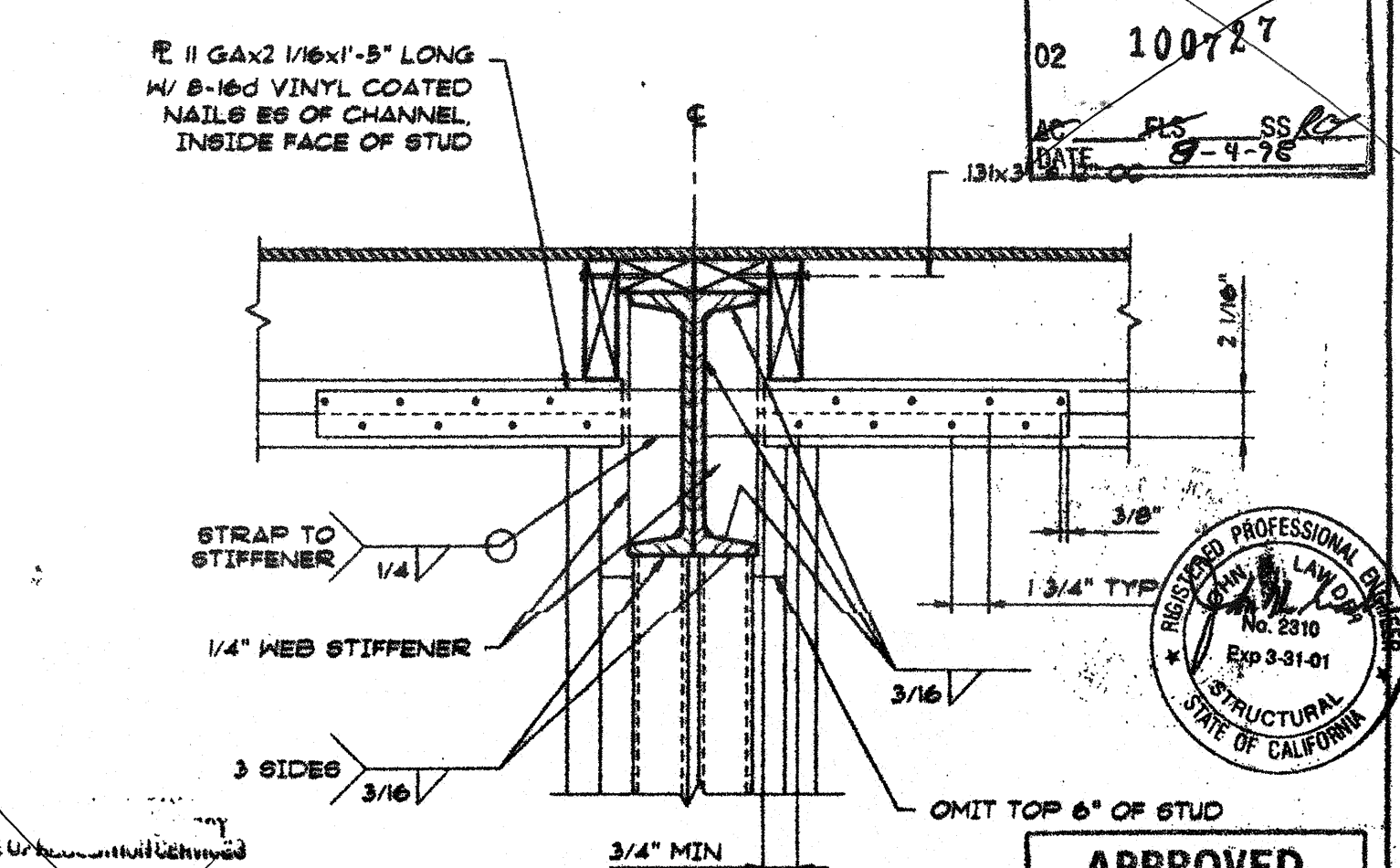
DETAIL 1
1/2" = 1'-0"



DETAIL 2
1/2" = 1'-0"



DETAIL 3
1/2" = 1'-0"



DETAIL 4
1/2" = 1'-0"

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HYBERG ARCHITECTS
John Hyberg
JOHN HYBERG C-1520
JUL 8 2019

CALIFORNIA ARCHITECTS 10-14-96 10:25:26 AM EST

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CLASSROOMS



CUSTOMER: _____

DATE: 8/27/06
SCALE: NONE
DRAWN BY: KDT
CHECKED BY: _____
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SERIAL NO: _____

**ROOF FRAMING PLAN,
SECTIONS AND DETAILS**

REVISIONS	
NO	DESCRIPTION

PROJECT No.
96158

SHEET No.
53

MOBILE MODULAR MANAGEMENT

11450 MISSION BLVD.

MIRA LOMA, CA 91752

(800) 944-3442 FAX (951) 360-6620

PC 04-113248
 FOR ALTERATION TO EXISTING STOCKPILES
 FOR ACCESSIBLE RAMPS - HANDRAIL AND
 UPRIGHT EXTENSION
 STATE OF CALIFORNIA-2012 IBC/2013 CBC

CODES: (TITLE 24 CODES)

- 2013 CALIFORNIA ADMINISTRATIVE CODE (CAC)....(PART 1, TITLE 24, CCR)
- 2013 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 AND 2 (PART 2, TITLE 24, CCR) (2012 EDITION INTERNATIONAL BUILDING CODE WITH 2013 CALIFORNIA AMENDMENTS)
- 2013 CALIFORNIA FIRE CODE (CFC), (PART 9, TITLE 24, CCR) (2012 EDITION INTERNATIONAL FIRE CODE WITH 2013 CALIFORNIA AMENDMENTS)
- 2013 CALIFORNIA GREEN CODE (CFC), (PART 11, TITLE 24, CCR)
- 2013 CALIFORNIA REFERENCED CODE, (PART 12, TITLE 24, CCR)
 - NFPA 13 2013
 - NFPA 72 2013
- 2013 CODE SECTIONS FOR APPLICABLE STANDARDS
 - 2013 CBC, CHAPTER 35
 - 2013 CFC, CHAPTER 45
- 2013 CALIFORNIA ADMINISTRATIVE CODE (CAC) (TITLE 24, PART 1, CCR)

- NOTES TO DSA PLAN REVIEWER & SITE ADAPT ARCHITECT
1. SITE APPLICATION ARCHITECT TO SUBMIT EXISTING DSA APPROVED RAMP FOUNDATION PLAN FOR REINSTALLATION.
 2. SITE APPLICATION ARCHITECT TO PROVIDE DSA APPLICATION NUMBER(S) OF THE EXISTING BUILDINGS TO SHOW THAT THE EXISTING RAMPS WERE CONSTRUCTED PER AN APPROVED PC AND TO VERIFY THAT THE ORIGINAL RAMP & LANDING CONSTRUCTION IS CERTIFIED.
 3. THIS PC IS ONLY APPLICABLE TO EXISTING RAMP & LANDINGS THAT HAVE CLOSED WITH CERTIFICATION BY DSA.
 4. THIS PC MODIFIES EXISTING RAMP & LANDINGS TO ADD A 12" HANDRAIL EXTENSION AT THE RAMP TO LANDING TRANSITION AND TO CORRECT 34" MIN. HANDRAIL HEIGHT.
 5. DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE SHALL VERIFY BY APPROPRIATE MEANS, SUBJECT TO DSA APPROVAL, AND SUBMIT A STAMPED AND SIGNED LETTER CERTIFYING THAT THE BUILDING CONFORMS TO THE ORIGINAL APPROVED PLANS AND SPECIFICATIONS AND HAS NOT SUFFERED STRUCTURAL DETERIORATION, INCLUDING BUT NOT LIMITED TO RUST, DRY ROT, TERMITES DAMAGE, ETC. OR HAS BEEN STRUCTURALLY ALTERED.
 6. NOTE TO PLAN REVIEWER FOR PARTICULAR PROJECT SITE APPLICATION USE OF THESE DRAWINGS.
 - a. VERIFY ADDITIONAL STOCKPILE DRAWINGS ARE PROVIDED FOR THE RELOCATED RAMP AND HANDRAIL.
 - b. VERIFY THAT THE SPECIFIED A# FOR THE STOCKPILE DRAWING(S) ACCOMPANYING THIS ALTERATION TO STOCKPILE SET OF DRAWINGS FOR THE PARTICULAR PROJECT SITE APPLICATION HAVE BEEN CERTIFIED.
 - c. VERIFY THAT RAMP VERTICAL POST MATERIAL DETAILS SHOWN IN ACCOMPANYING A# STOCKPILE DRAWING(S) MEET OR EXCEED THOSE SHOWN IN THIS ALTERATION TO STOCKPILE SET OF DRAWINGS.

DSA 103 Statement of Structural Tests & Special Inspections - 2013 CBC

Project Name: _____ DSA File No.: _____
 Application No.: _____
 Date Submitted: _____

IMPORTANT: This form is only a summary list of structural tests and special inspections required for the project. The actual tests and inspections must be performed as detailed on this DSA-103 approval document. The project inspector is responsible for providing inspection of all tests of construction, including but not limited to, special inspections per Table 103.1. Items such as structural wood framing, high-load wood assemblies, cold-formed steel framing, and bridge of non-structural components, see per Title 24, Part 2, Chapter 17A.

NOTE: This form is also applicable for projects submitted for review under the 2007 and 2010 CBC.

INSTRUCTIONS: Circle a checkmark (✓) below only category or subcategory to be tested. Indicate tests and special inspections. An "X" below a listed test or inspection indicates that a mandatory requirement is checked. Do not check a test or special inspection that may be required, depending on the scope of the construction and other factors. It is the responsibility of the project inspector to determine if that test. **NOTE:** A checkmark (✓) in a category or subcategory heading indicates that it can be completed. However, any subcategory you may have checked will be checked. Circle an "X" below to indicate that the test is not required. For more information see page of this form, see DSA-103.INSITE.

Table 103.1: SOILS

Table 103.2: CONCRETE

Table 103.3: MASONRY

Table 103.4: STEEL

Table 103.5: WELDING

Table 103.6: WOOD

Table 103.7: OTHER

KEY TO Columns:

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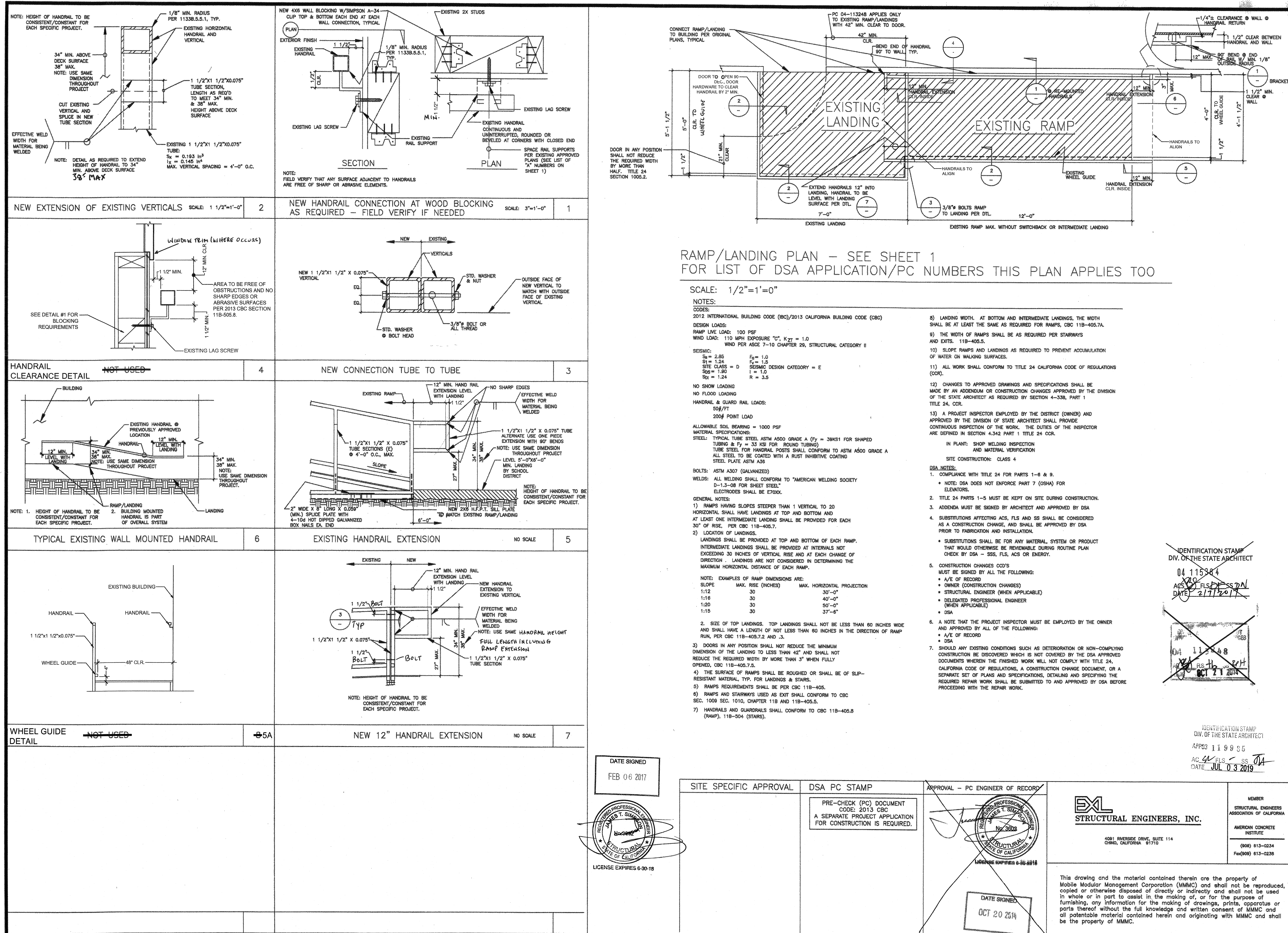
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REVISIONS	BY

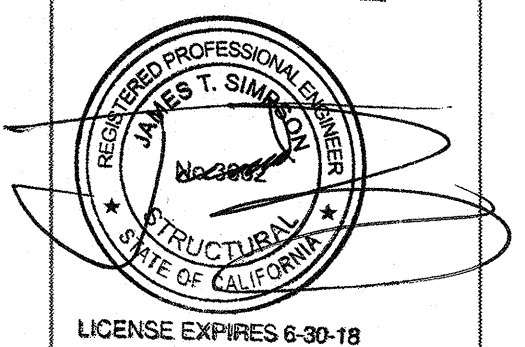
MOBILE MODULAR MANAGEMENT
 11450 MISSION BLVD.
 MIRA LOMA, CA 91752

HANDBRAIL EXTENSION OPTION
 2013 CALIFORNIA BUILDING CODE
 RAMP/LANDING MODIFICATIONS FOR
 EXISTING RAMP AND LANDINGS
 TYPICAL PLAN, DETAILS & SPECIFICATIONS

PC - 113248

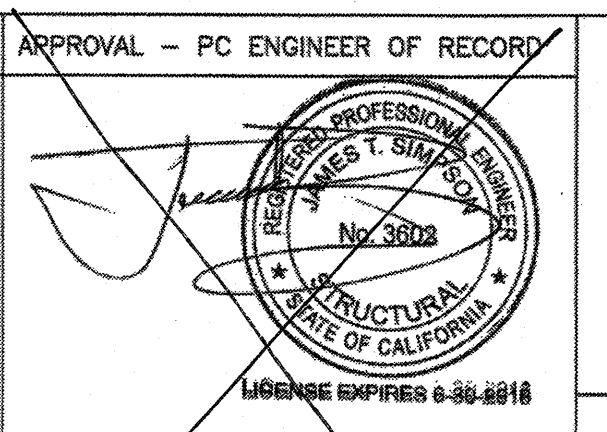
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 10 JUN 2014
 SCALE
 JOB NO.
 A.02
 OF 3 SHEETS

DATE SIGNED
 FEB 06 2017



SITE SPECIFIC APPROVAL
 DSA PC STAMP
 PRE-CHECK (PC) DOCUMENT
 CODE: 2013 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED.

APPROVAL - PC ENGINEER OF RECORD
 DATE SIGNED
 OCT 20 2014



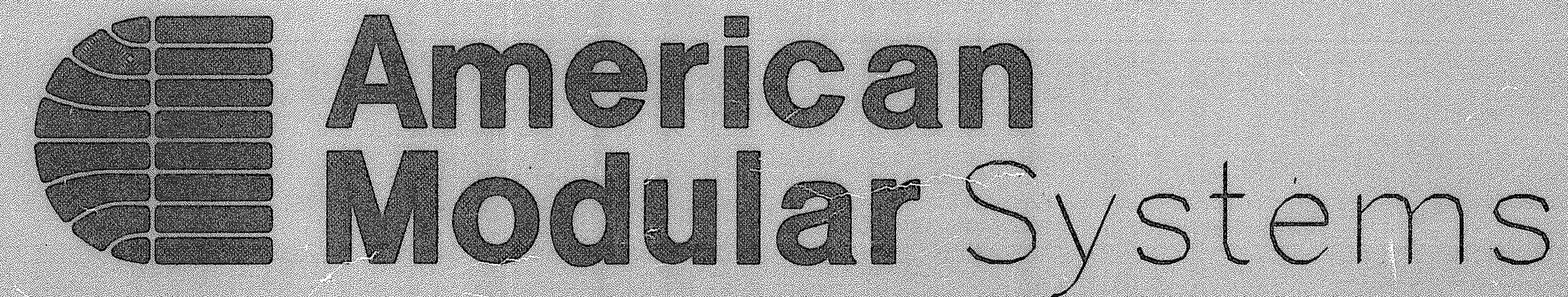
MEMBER
 STRUCTURAL ENGINEERS
 ASSOCIATION OF CALIFORNIA
 AMERICAN CONCRETE
 INSTITUTE
 4081 RIVERSIDE DRIVE, SUITE 114
 CERRITOS, CALIFORNIA 94710
 (925) 913-0234
 FAX (925) 913-0235

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APPROV 119905
 AC FL SS
 DATE JUL 03 2019

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 11584
 APPROV FL SS
 DATE 2/17/2017

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APPROV 119905
 AC FL SS
 DATE JUL 03 2019

This drawing and the material contained therein are the property of Mobile Modular Management Corporation (MIMC) and shall not be reproduced, copied or otherwise disposed of directly or indirectly and shall not be used in whole or in part to assist in the making of, or for the purpose of furnishing, any information for the making of drawings, prints, apparatus or parts thereof without the full knowledge and written consent of MIMC and all patentable material contained herein and originating with MIMC and shall be the property of MIMC.



24 X 60 RELOCATABLE CLASSROOMS

MOBILE MODULAR MANAGEMENT CORP.

TEST AND INSPECTION LIST

TESTING LABORATORY: _____ DATE: _____
 NAME: _____
 DISTRICT/OWNER: _____
 DIVISION-FILE NO. _____ APPLICATION NO. _____
 ARCHITECT: _____
 STRUCTURAL ENGINEER: _____

STATE OF CALIFORNIA
 DEPT. OF GENERAL SERVICES
 DIVISION OF THE
 STATE ARCHITECT
 STRUCTURAL
 TESTS
 AND
 INSPECTIONS
 ORS 103-1 (R 11/85)

The following tests and inspections, as checked, will be required as detailed in applicable specifications.

COMPACTED FILL	CONCRETE	GUNITE	GROUT/MORTAR
<input type="checkbox"/> All materials acceptance tests			
<input type="checkbox"/> Construction control certificate			
<input type="checkbox"/> Construction tests only as ordered			
<input type="checkbox"/> Bearing capacity of compacted fill			
REINFORCING STEEL			
<input checked="" type="checkbox"/> Sample and test bar steel			
<input type="checkbox"/> Sample and test mesh			
<input type="checkbox"/> Tensile strength of lap			
<input checked="" type="checkbox"/> Sample and test as detailed below			
<input type="checkbox"/> Stop fabrication inspection			
<input checked="" type="checkbox"/> Field erection inspection			
<input type="checkbox"/> Inspection of walls - stop			
<input type="checkbox"/> Inspection of walls - field			
<input type="checkbox"/> Inspection of chinking or bedding - stop			
<input type="checkbox"/> Inspection of chinking or bedding - field			
<input type="checkbox"/> Sample and test high strength bolts and washers			
BRICK AND BLOCK			
<input type="checkbox"/> Sample and test			
<input type="checkbox"/> Test only			
<input type="checkbox"/> Inspection of pointing			
<input type="checkbox"/> Core and modulus			
GLUED LAMINATED STRUCTURAL LUMBER			
<input type="checkbox"/> Field erection inspection			
<input type="checkbox"/> Sample and test steel accessories			
<input type="checkbox"/> Inspect fasteners of steel accessories			

CONCRETE MATERIALS: GUNITE, MORTAR, GROUT

SUITABILITY TESTS: Sliding modulus, Structure strength, Low creep center, Dry (Proctor) method, Moisture tests, Volume change

MIX DESIGNS: CONCRETE, GROUT, MORTAR OR GUNITE

MATERIAL	MAXIMUM SIZE	28 DAYS COMPRESSIVE STRENGTH, PSI, MINIMUM
CONCRETE	1 1/2"	3000

List of structural steel members to be tested:
 TESTING MAY BE WAIVED IF STEEL HAS BEEN PROPERLY IDENTIFIED BY MFR'S MILL ANALYSIS AND TEST REPORTS PER TITLE 24, C.C.R., SECTION 2212.A.1

Other Tests and Inspections, together with inspection instructions: _____
 GROUNDING TEST EXPANSION ANCHORS _____
 DSA/ORS AMERICAN MODULAR SYSTEMS, INC. SCHOOL DISTRICT ARCHITECT
 By: _____ AUTHORIZED REPRESENTATIVE

INDEX

SHEET No. DESCRIPTION

TS-1	TITLE & BUILDING DATA NOTES
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2	EXTERIOR ELEVATIONS
3	CEILING GRID, DETAILS & NOTES
4	EXTERIOR ELEVATIONS
S1	FOUNDATION PLAN WOOD, DETAILS & NOTES 50#
S2	FLOOR FRAMING PLAN & BUILDING SECTIONS
S3	ROOF FRAMING PLAN & DETAILS
S4	FRAMING ELEVATIONS & DETAILS
S5	FRAMING ELEVATIONS & DETAILS
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1	PC 04-113248 HANDRAIL EXTENSION COVER SHEET
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BUILDING DATA

CLASSROOMS

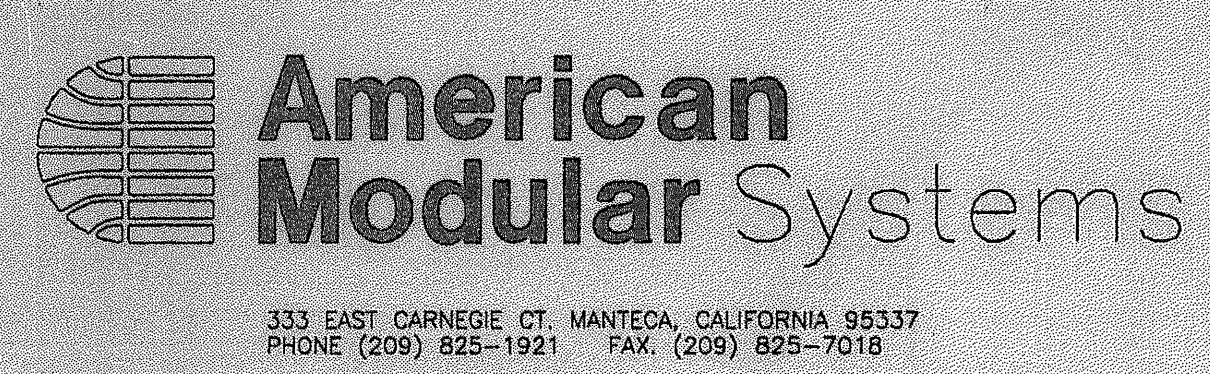
OCCUPANCY	E-1
TYPE OF CONSTRUCTION	V - NON-RATED
WIND LOAD (75 MPH EXPOSURE C)	15 LBS/SQ FT
FLOOR LIVE LOAD	50 LBS/SQ FT
ROOF LIVE LOAD	20 LBS/SQ FT (REDUCIBLE)
RAMP LIVE LOAD	100 LBS/SQ FT
BUILDING AREA	1440 SQ FT
FIRE MARSHAL - CALIFORNIA BUILDING CODE (CBC)	TITLE 24, PART 2, CCR (1994 UBC W/ CAL. AMENDS) TITLE 24, PART 3, CCR (1993 NEC W/ CAL. AMENDS) TITLE 24, PART 4, CCR (1994 UMC W/ CAL. AMENDS) TITLE 24, PART 5, CCR (1994 UPC W/ CAL. AMENDS) TITLE 24, PART 9, CCR (1994 LFC W/ CAL. AMENDS) TITLE 24, PART 12, CCR (1994 STB. W/ CAL. AMENDS) TITLE 19
STRUCTURAL - 1995 CALIFORNIA BUILDING CODE (CBC)	TITLES 24 PARTS 1 AND 2
MODULES	SHEAR WALL
SYSTEM	(2) 12' X 60' MODULES
FOUNDATION	PRESSURE TREATED WOOD OR CONCRETE
SEISMIC	ZONE 4

APPROVED 1199 50
 JUL 03 2019

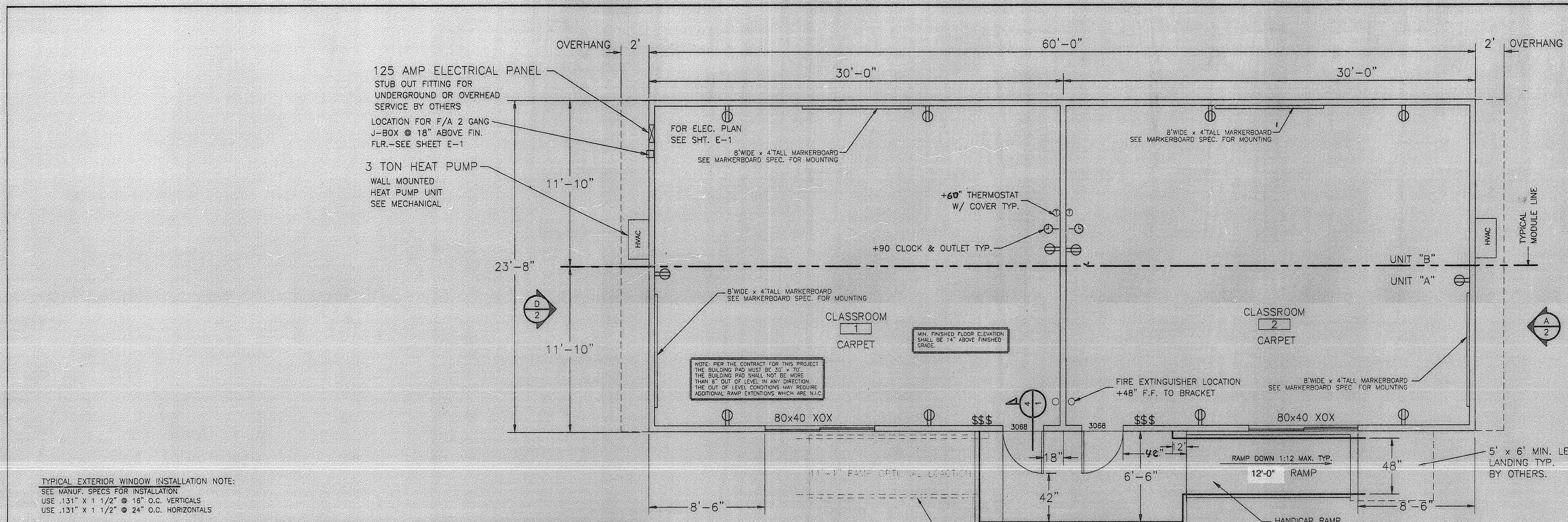
02 10 265

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 APPL. PC 300
 DATE

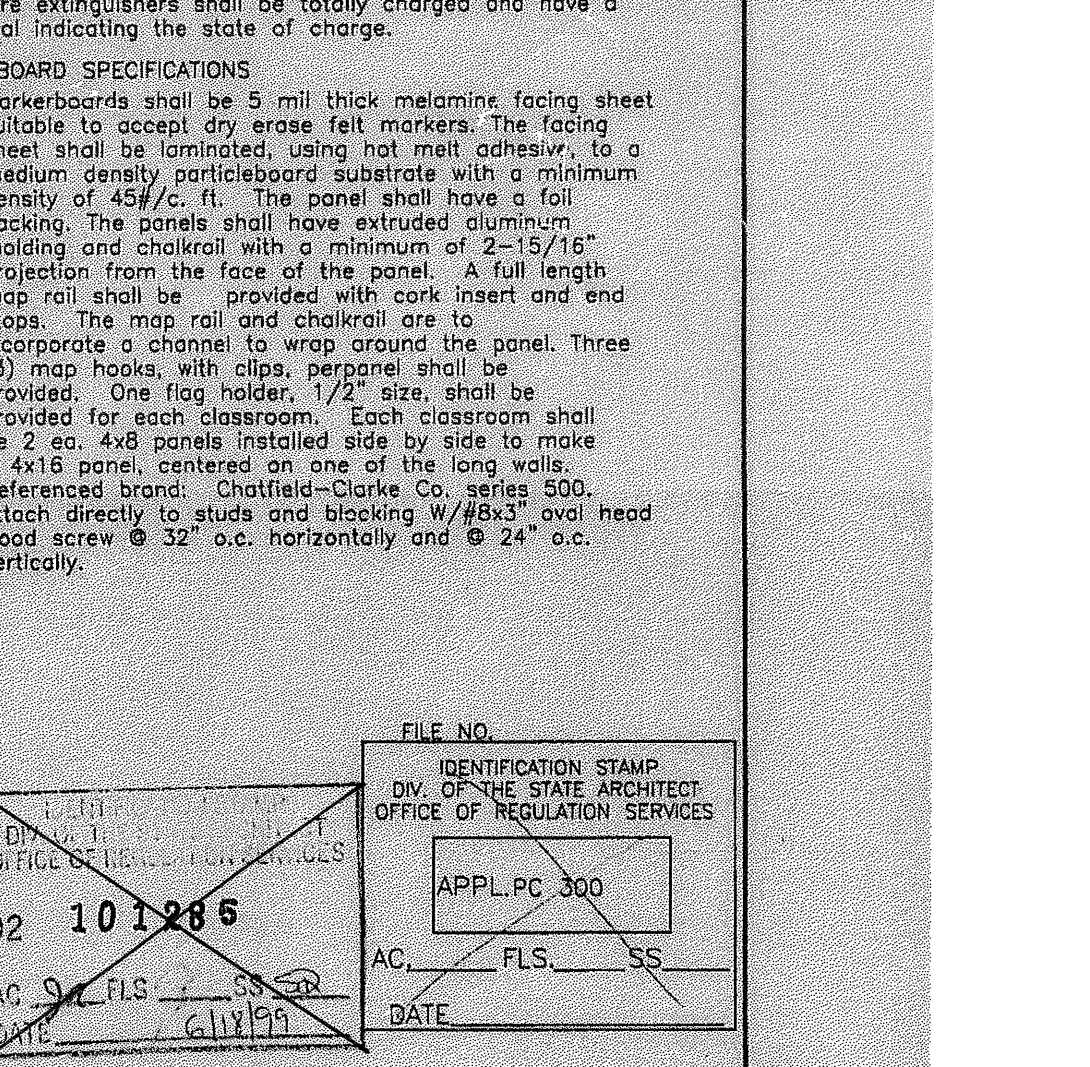
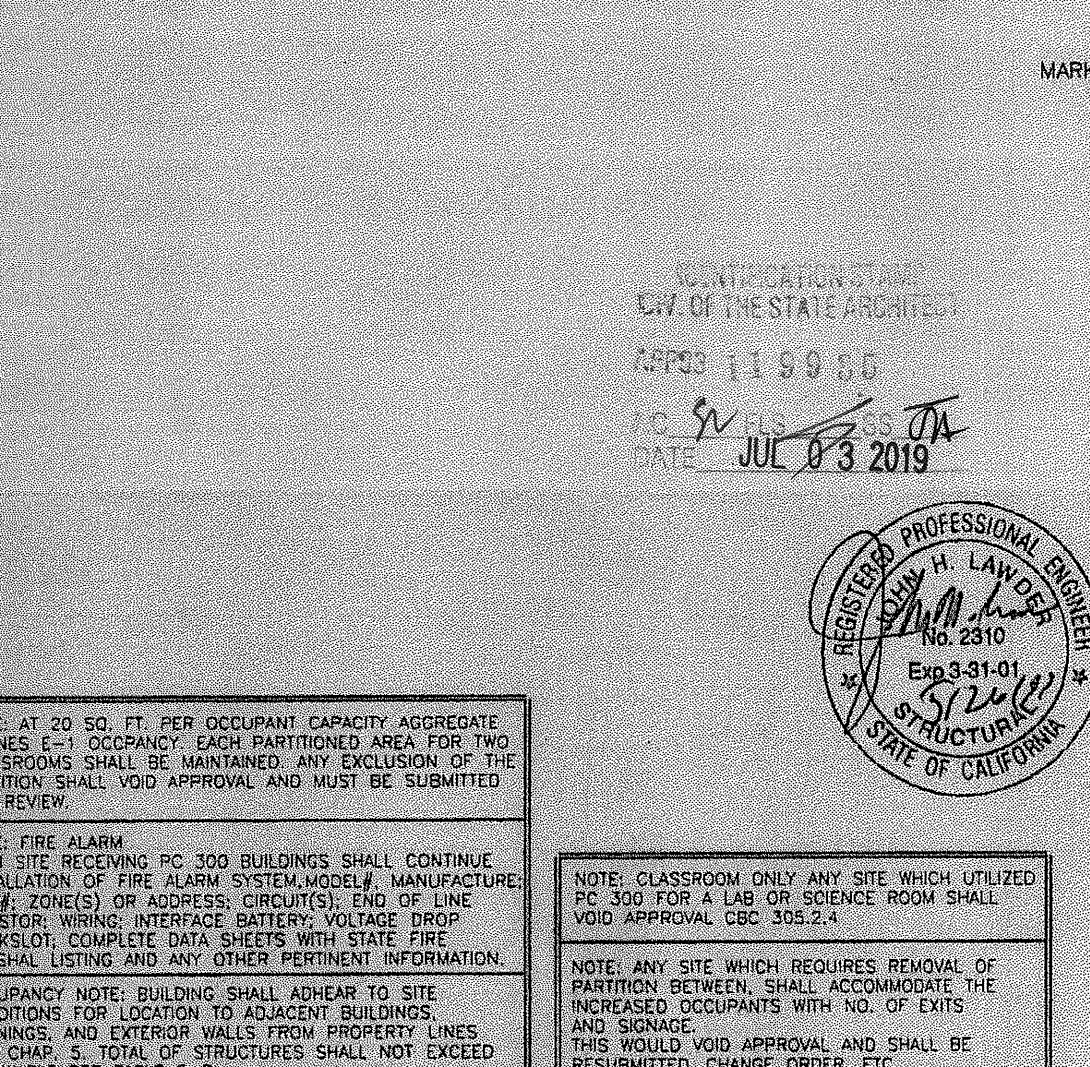
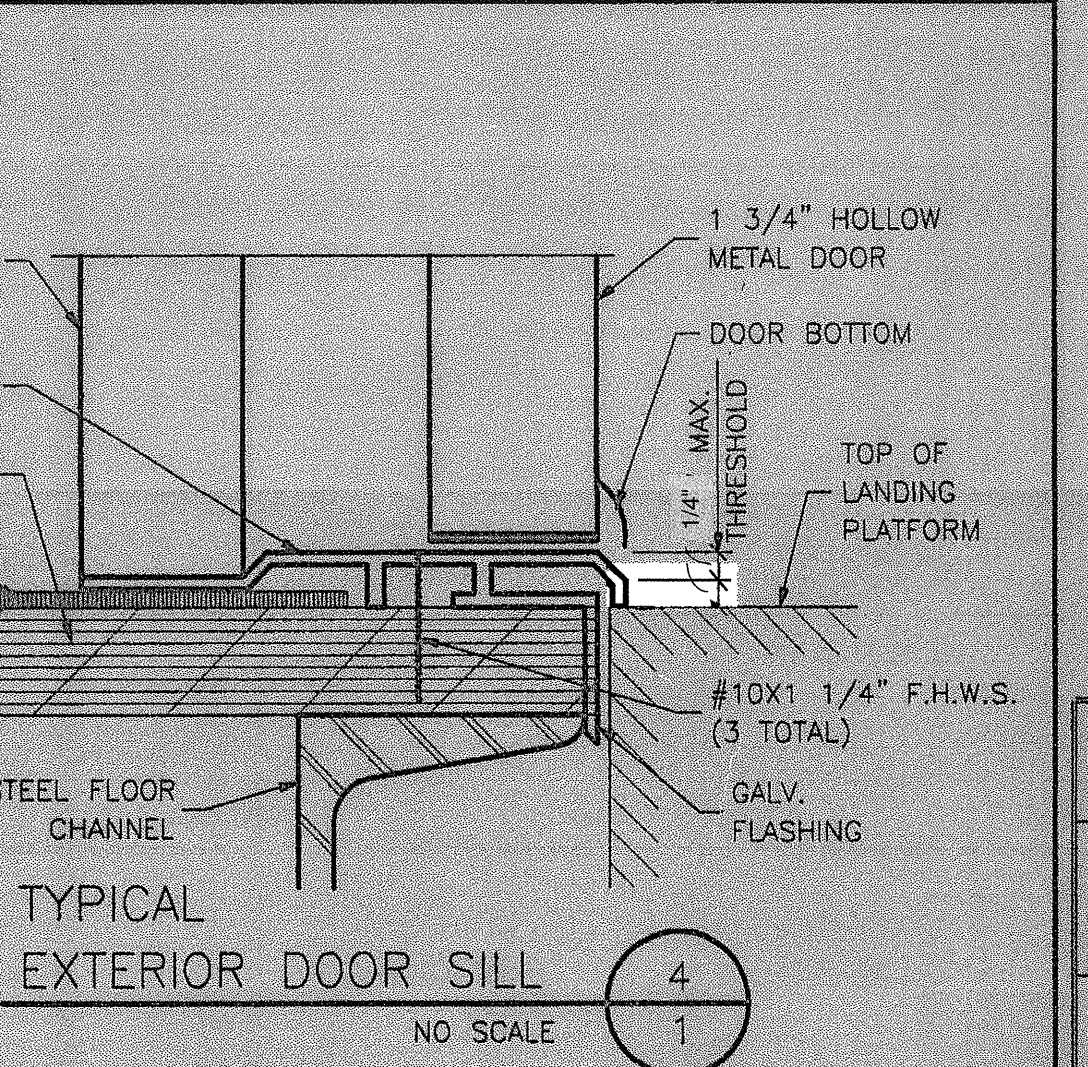
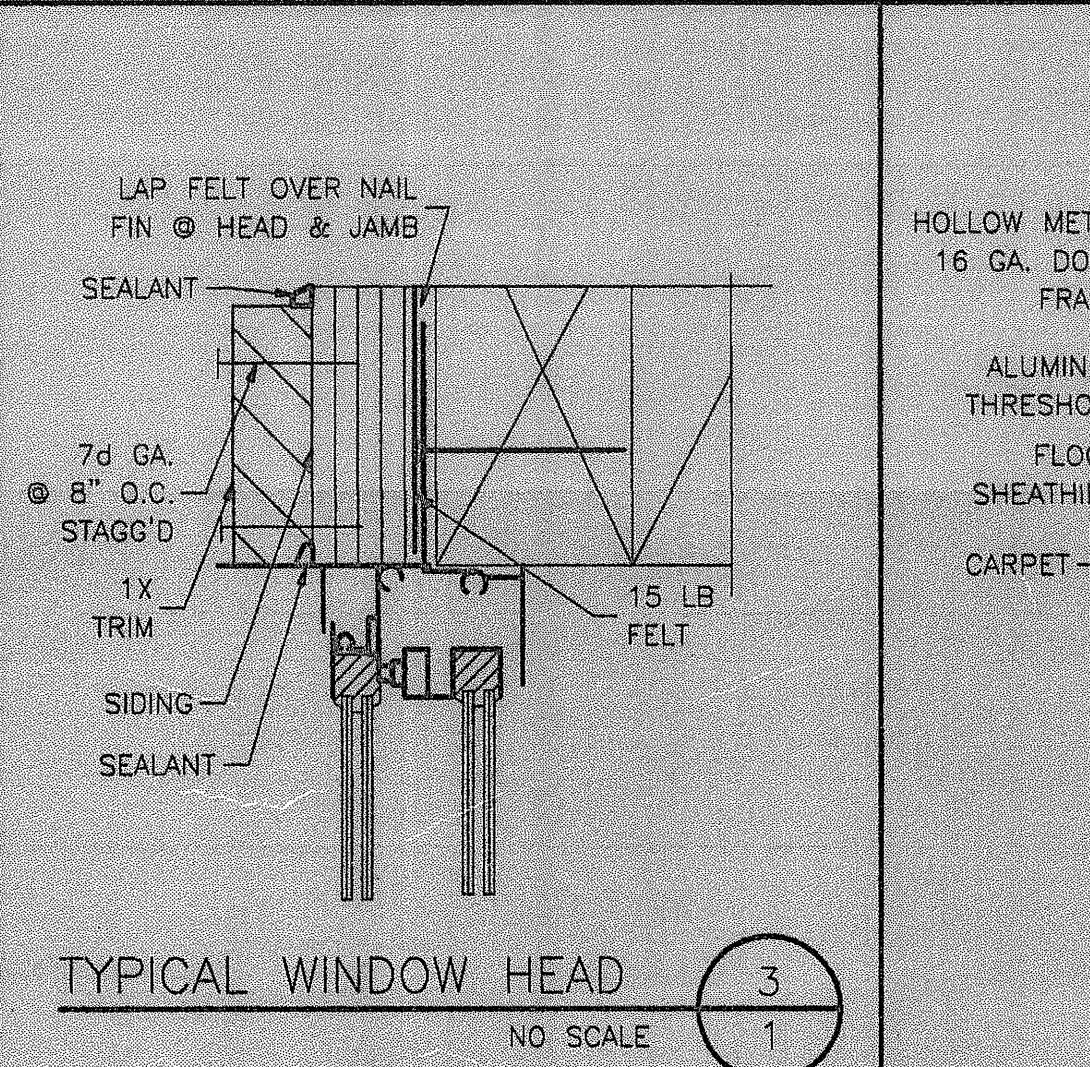
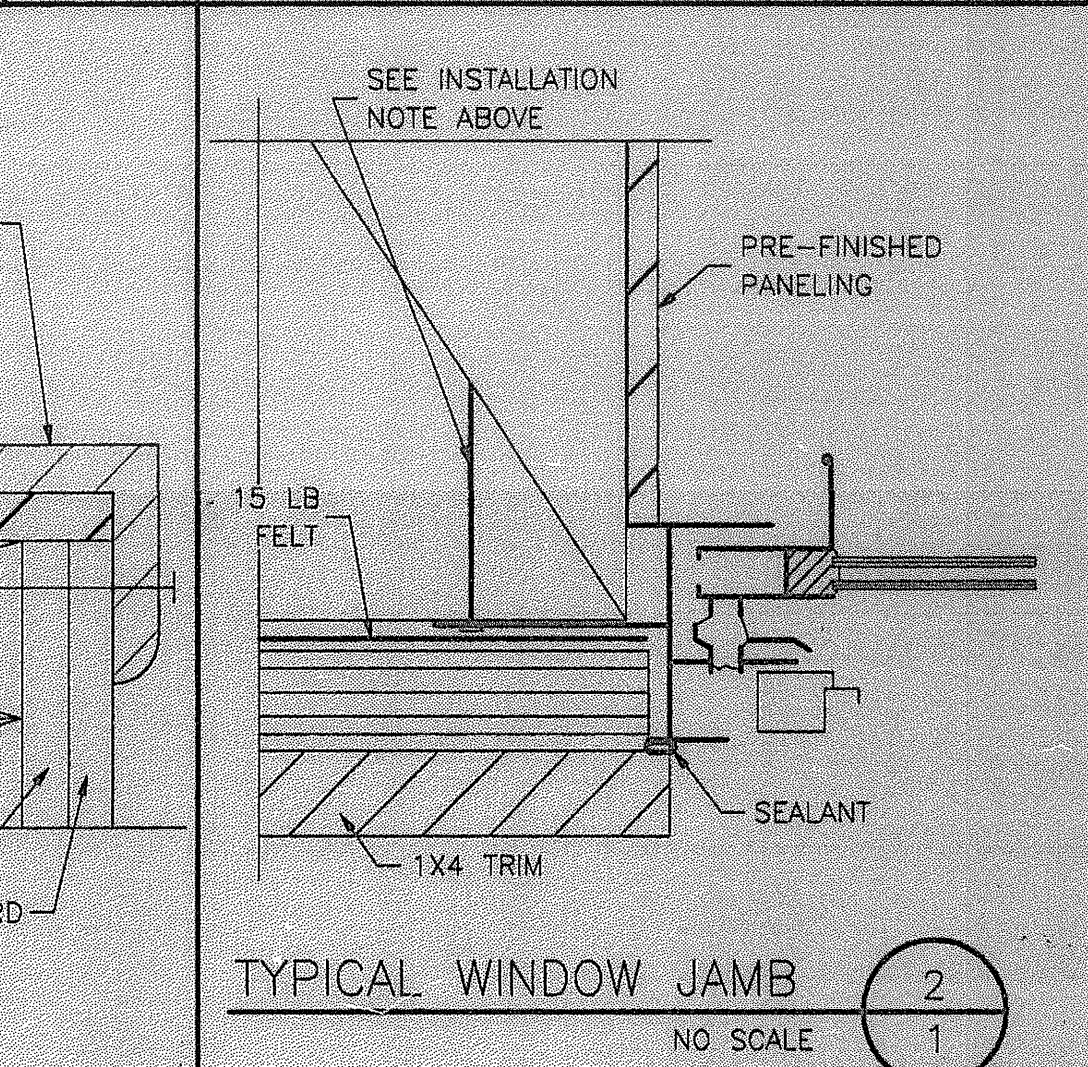
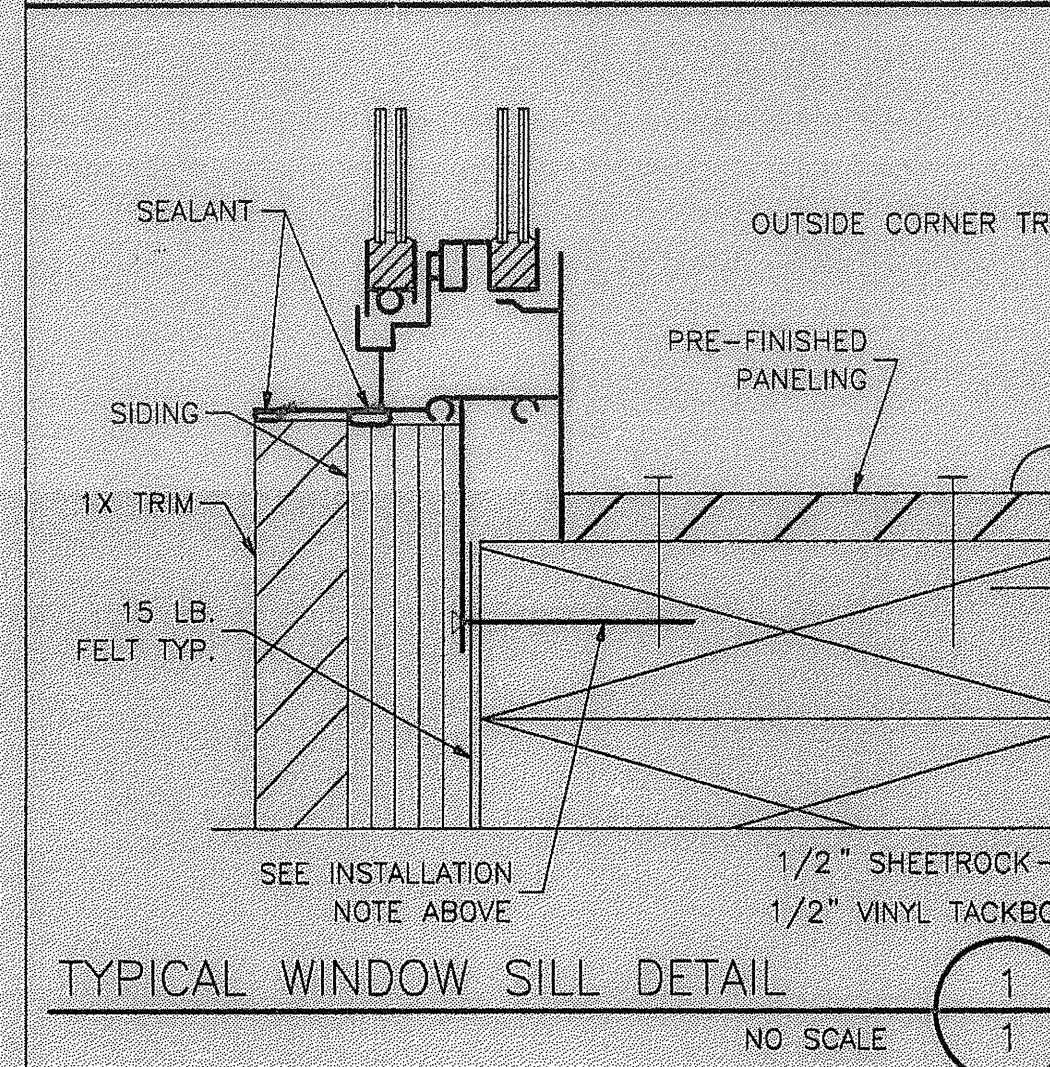
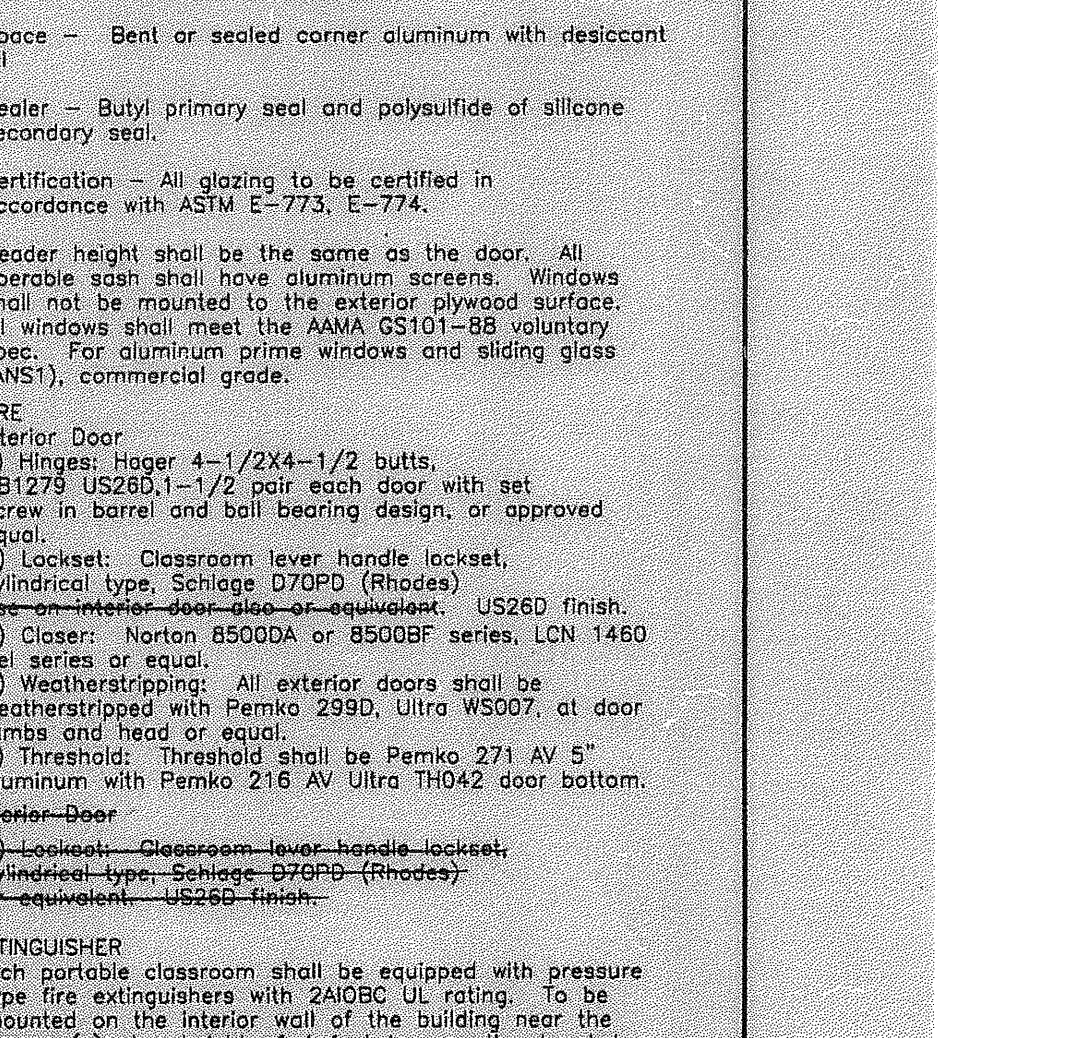
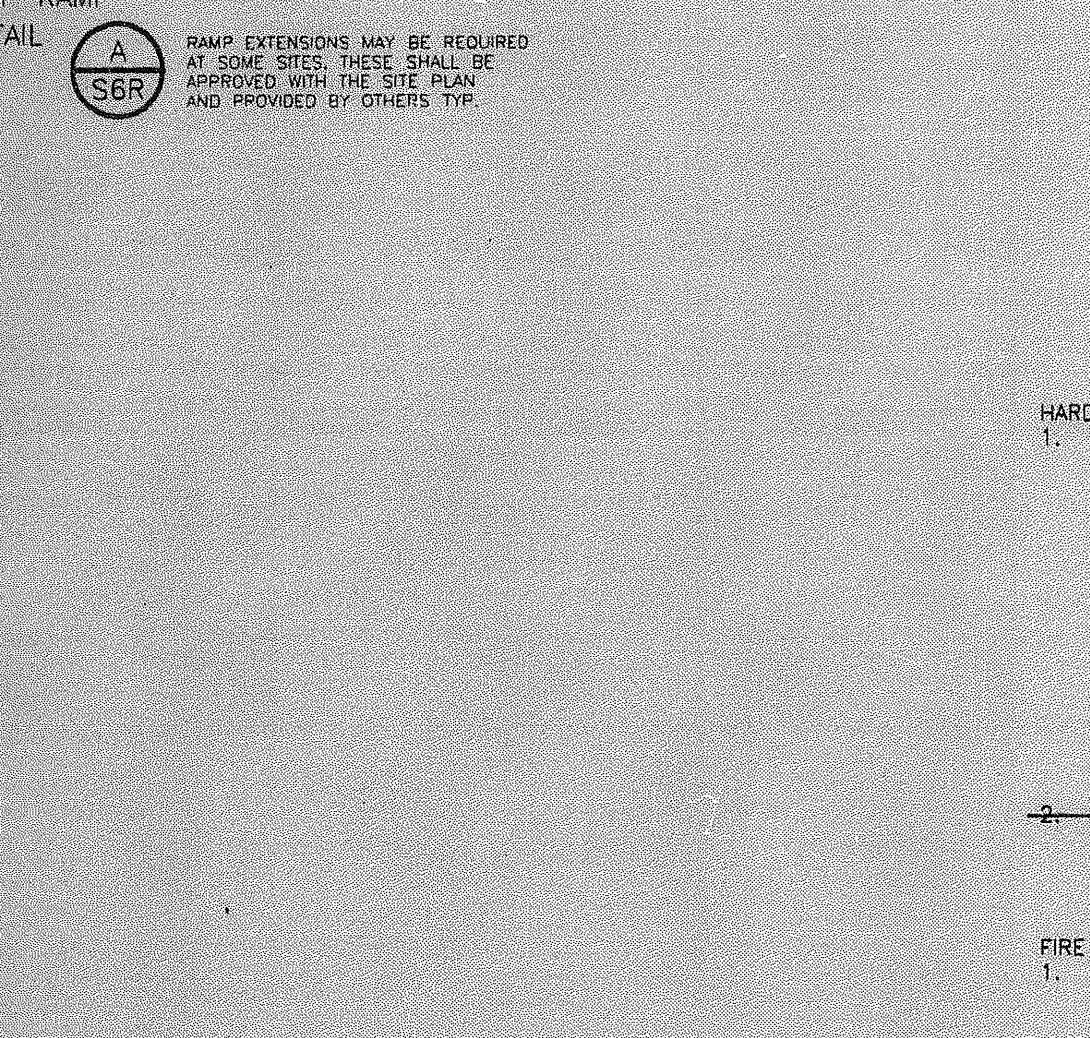
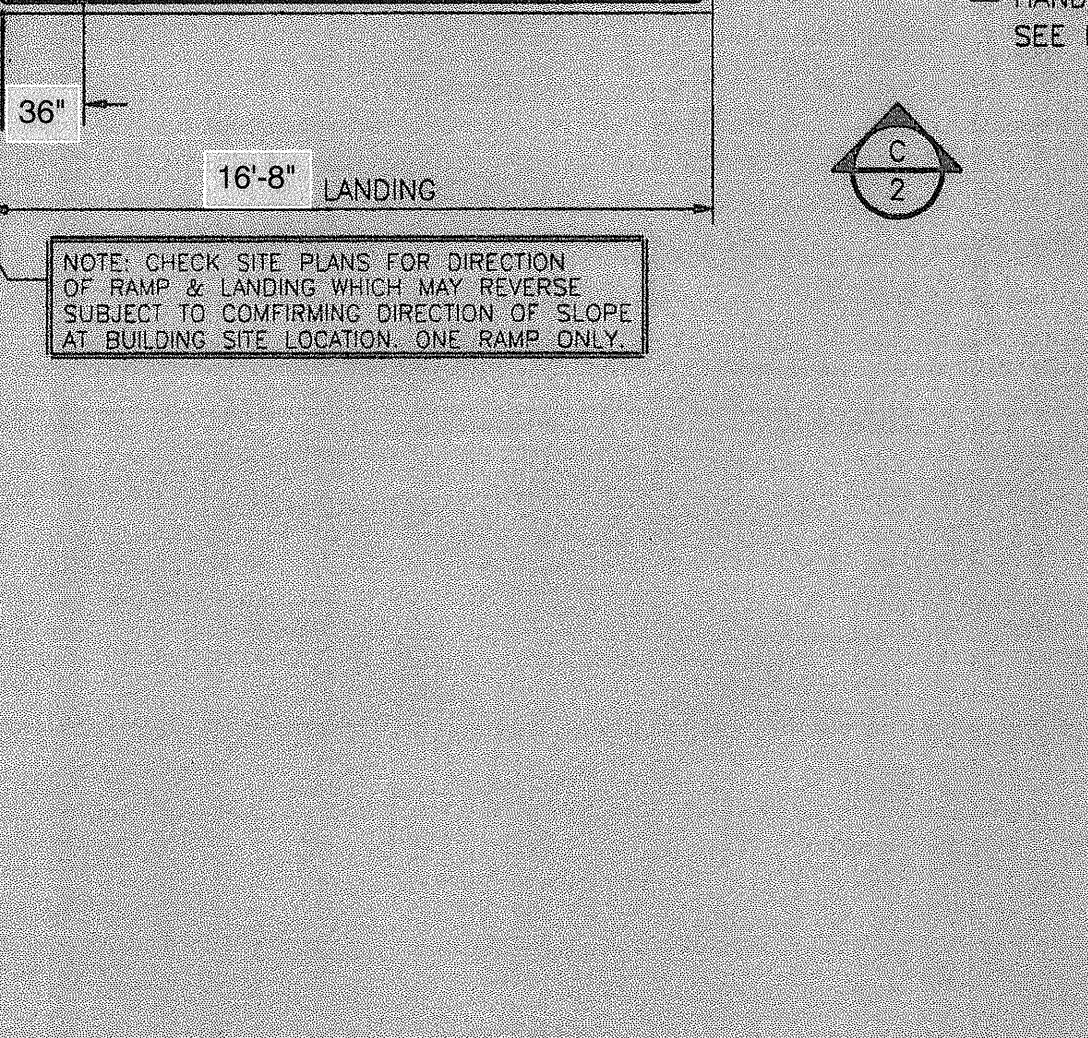
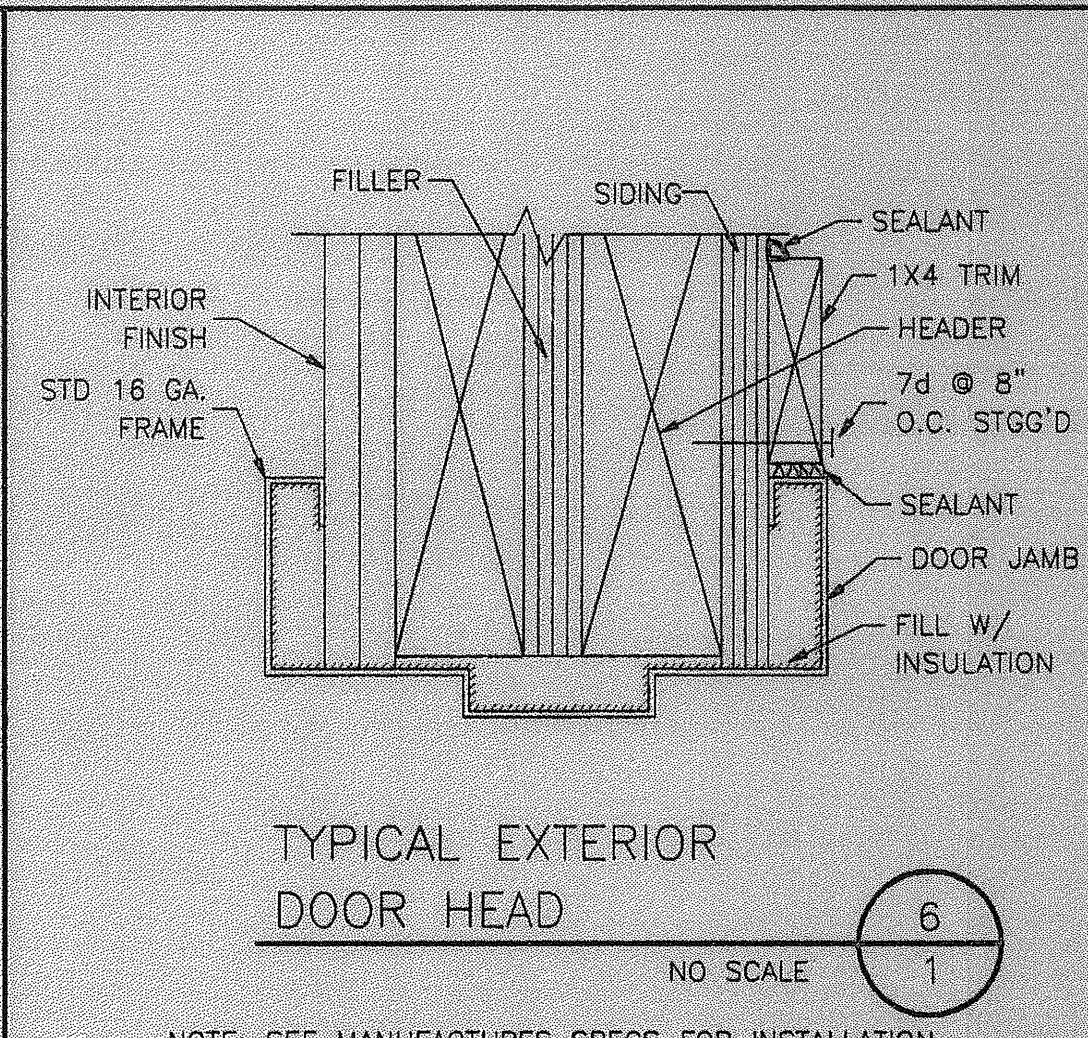
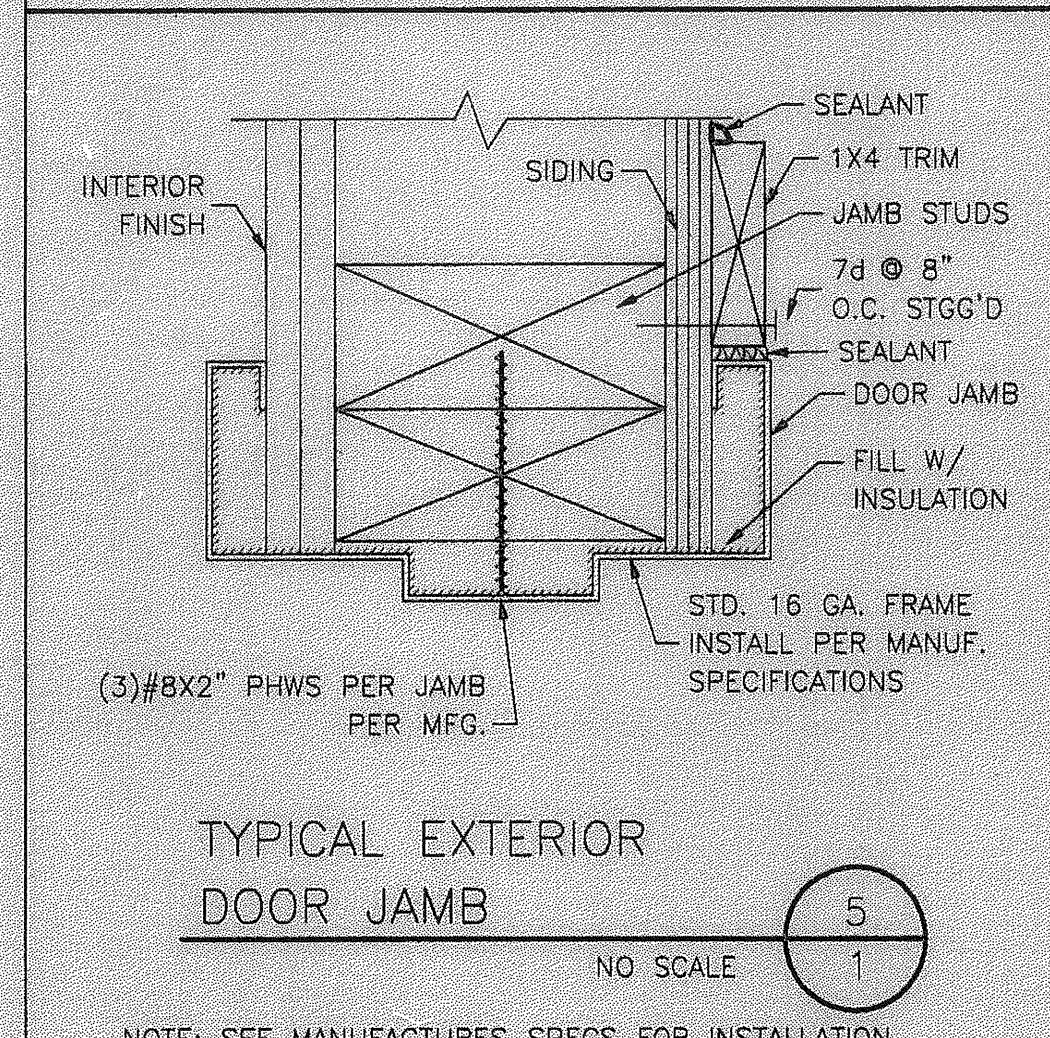
PROFESSIONAL ENGINEER
 No. 5310
 Exp. 3-31-01
 STATE OF CALIFORNIA



333 EAST CARNEGIE CT. MANTENO, CALIFORNIA 95337
 PHONE (209) 825-1921 FAX (209) 825-7018



- NOTES**
- INTERIOR**
- Floor: 1/2" composite tile - Units shall be tiles as indicated on floor plan. Waxing and sealing by others.
 - Base: Resilient Cove Base - Best quality, moulded rubber, 1/8" thick, x" high, moulded top set. Cover: Provide preformed base for square external corners and preformed end stops where base does not cut. Solid color as manufactured by Johnsonite Co., Flexco, or equal. Apply cove to complete perimeter of classroom.
 - Interior walls shall be vinyl covered tackboard applied in one continuous length from floor to ceiling. The tackboard shall be industrial insulation board manufactured specifically as a substitute for vinyl covered wall panels. The board shall be asphalt free, shall have an ionomeric coating and shall have a minimum density of 18 lbs. per ft. The vinyl coating shall be made of virgin vinyl colorless base color, weighing a minimum of 8 oz. per square yard. The coating backing shall be sheeting of non-woven fabric. The vinyl coating shall be mechanically laminated, with the long edges wrapped, to the tackboard. Tackboard shall be applied over 1/2" sheetrock or 3/8" plywood sheathing. The vinyl wall covered panel shall have a Class III flame spread rating. The panel shall be approved for classroom use by The California State Fire Marshal. Reference brand: Vinyl covered tackboard as manufactured by Chatfield-Clarke or comparable. Care shall be taken in mounting the tackboard so that the texture of all panels will have the same orientation and color match.
 - Ceiling: Suspend T-Bar System; see sheet 3 for details etc. Materials and installation per CCS 2201.4.5 and IR #47-4 inclusive as applicable to classrooms.



24 X 60
RELOCATABLE
CLASSROOMS

American Modular Systems

FLOOR PLAN & NOTES

CUSTOMER:
24x60 DOUBLE CLASSROOM BUILDINGS

DATE: 5-5-99
SCALE: NONE
DRAWN BY: R.S.
CHECKED BY:
SERIAL NO.:

REVISIONS			
NO.	DATE	DESCRIPTION	DATE

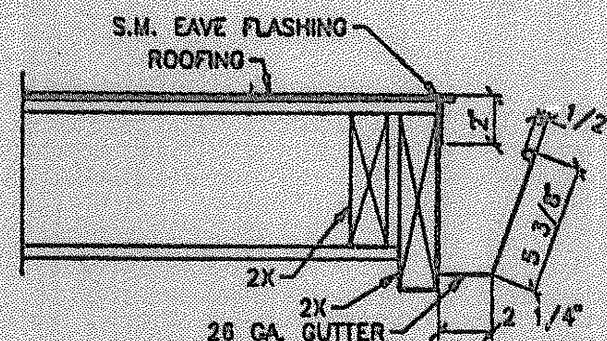
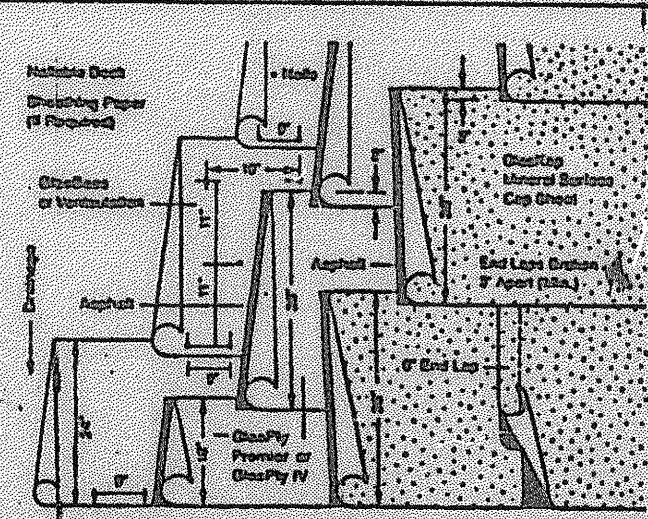
PROJECT No.
SHEET No. **1**

BID SET 9-20-2019

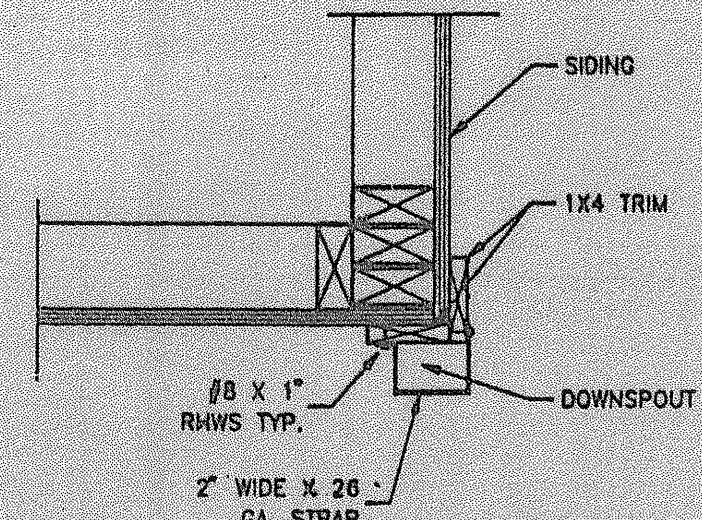
Three Ply,
Mineral-Surface
Fiber Glass
Built-Up Roofs

Specification No. 3GNC
For use over Plywood or other Nailable Decks
with Inclines up to 6° per foot
For Region 3 only

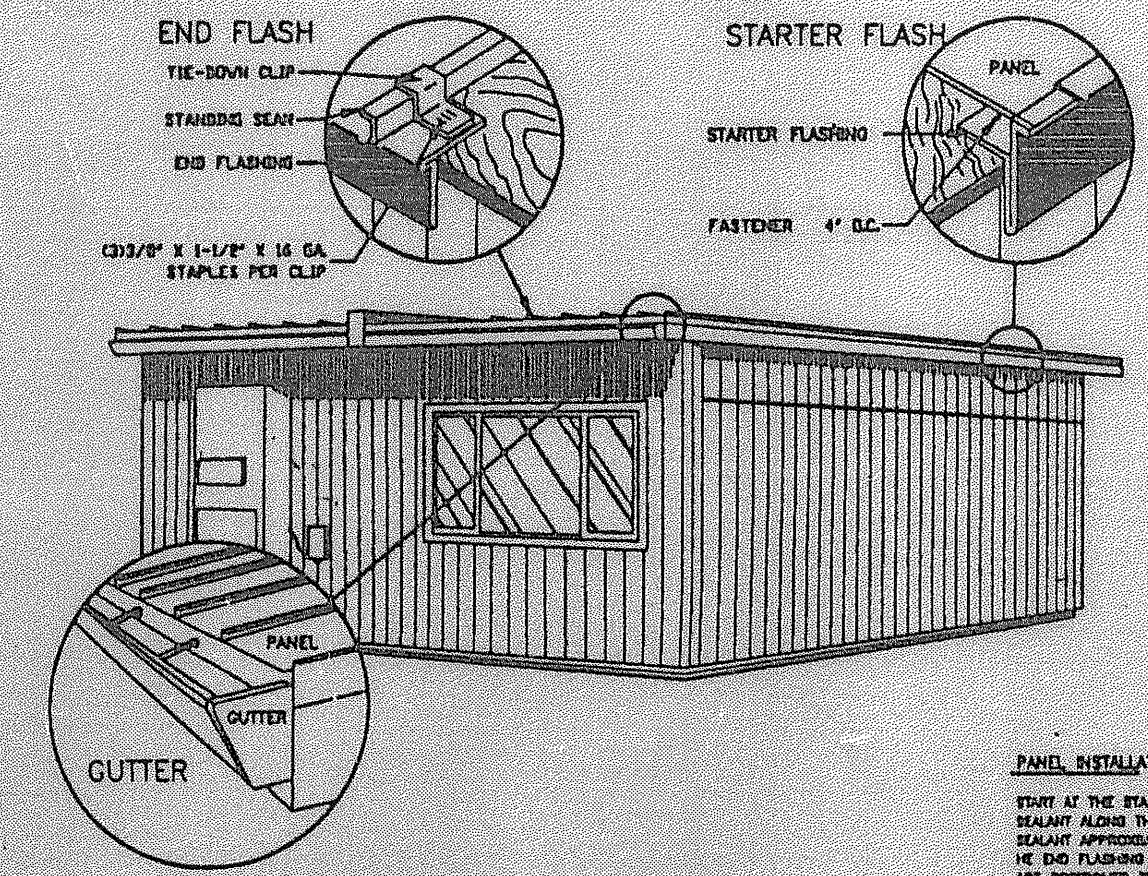
Class B
Max. Slope: 3°
Deck: Non-Combust.
Insulation: None
Surfacing: GlassTap



CUTTER: 26 GA. G-90 D.M.V. STEEL, FASTENED W/ 18 GA. CLIPS 40" O.C. MAX.
DOWNSPOUT: 2" X 2" G-90 30 GA. CONVULATED GALV. STEEL
DOWNSPOUT STRAPS: 26 GA. STEEL X 2" WIDE ATTACHED TO BLDG. MAX. 8'-00" G.C.
GUTTER AT OVERHANG DETAIL



DOWNSPOUT DETAIL



STARTER FLASH
MATERIAL: 26 GA.
FLASH: 26 GA. CONVULATED, OR SPECIAL.
FASTENERS: #8 X 1-1/2" AND #8 X 2" TYPE PLATED SHEET METAL SCREWS, 3/8" CROWN X 1-1/2" LENGTH 18 GAUGE STAPLES OR 6d 1-1/2" PINE SHANK NAILS.
WEATHERPROOFING: VENTS, CURVES, ROOF CAP, COMPLEX CAP, PAN SPICE, PAN OVERLAP AND FLASHING ARE SEALED WITH #118 POLYURETHANE SEALANT MEETING FEDERAL SPECIFICATIONS TT-0200300, TYPE 1, CLASS B. ALL EXPOSED SCREWS WILL USE A WEATHERPROOF WASHER AND BE SEALED WITH APPROVED SEALANT.
CLAS-4 FIRE RATING: REQUIRES 1/2" PLYWOOD DECK WITH SOLA FELT UNDERLAYMENT.

PANEL INSTALLATION
START AT THE STARTER FLASHING END OF THE BUILDING. APPLY MAILED SEALANT ALONG THE DIVER STITCHING SEAL UP AT THE FACE END. ONLY SEALANT APPROXIMATELY 2" ALONG THE SIDE OF THE STARTER SEAL AND ALSO TO THE END FLASHING UP. THE SEALANT SHOULD BE APPLIED AS THE ROOF PANELS ARE POSITIONED TO AVOID CURSING.

FROM THE PANEL OVER THE STARTER FLASHING AND LAY IT INTO POSITION. LEAVE IT OPENED AS THE PANEL IS POSITIONED AROUND THE END FLASHING UP. INITIAL CHECK: 8'-0" O.C. SECTION FROM THE STARTER FLASHING TO THE END FLASHING. THE CURSING SHOULD BE AVOIDED. THE SEALANT SHOULD BE APPLIED AS THE ROOF PANELS ARE POSITIONED TO AVOID CURSING.

NOTE: DO NOT FASTENERS ON THE SAME OR ADJACENT SPACINGS. DO NOT USE EXCESSIVE PRESSURE OR OVERDRIVE THE STAPLES AS TO TEAR OR CRACK DURING TO THE CAP.

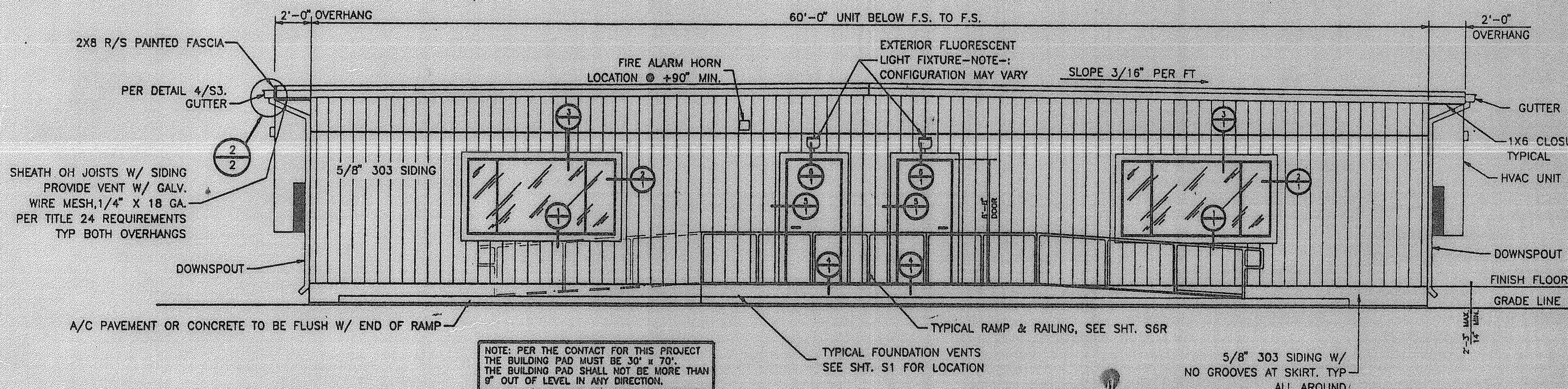
CONFIRM THE FLASHING PROCEDURE. APPROVE SEALANT TO THE FLASHING UP. APPLY SEALANT AT THE STARTER SEAM APPROXIMATELY 2" ALONG THE SIDE OF EACH FLASHING PANEL. FROM THE ROOF PANEL OVER THE BENCH END AND LAY THE PANEL INTO POSITION. KEEP THE STARTER SEAM SEALED WITH TIGHT TIGHTENING TO AVOID CURSING. CHECK PANELS AND REMOVE ANY POSSIBILITY OF CURSING OCCURRING AT THE LEVEL OF INTERSECTION OF THE ROOF PANELS.

MECHANICALLY CRIMP EACH STITCHING END DIRECTLY. MECHANICALLY CRIMP PANELS WITH ALL FLASHING CURS. SET THE PANEL TO THE CORNER WITH ALLOWING 1" FOR FLASHING OVERLAP AND VENT-ANODIZED. USE SEALANT ALONG THE FLASHING UP AND LAY THE PANEL INTO PLACE. FROM THE PANEL OVER THE FLASHING UP AND MECHANICALLY CRIMP.

FLASHING (ROOF)
INSTALL THE STARTER FLASHING ON THE END OF THE BUILDING THAT IS OPPOSITE FROM THE DIRECTION OF PREVAILING WIND OR LEADING EDGE. SECURE LOW 1/2" CROWN X 1 1/2" LENGTH 18GA STAPLES # 8 O.C. TO THE ROOF DECK. THE FLASHING SHOULD EXTEND APPROXIMATELY 2" FROM THE OUTSIDE WALL. WHEN THE 2" FLASHING CORNER POSITION IS POSITIONED, SHAVE THE FLASHING. OVERLAP THE FLASHING SECTION 2". EXACT INTERSECTION OF THE FLASHING UP WILL BE REQUIRED TO ALLOW THE OVERLAP.

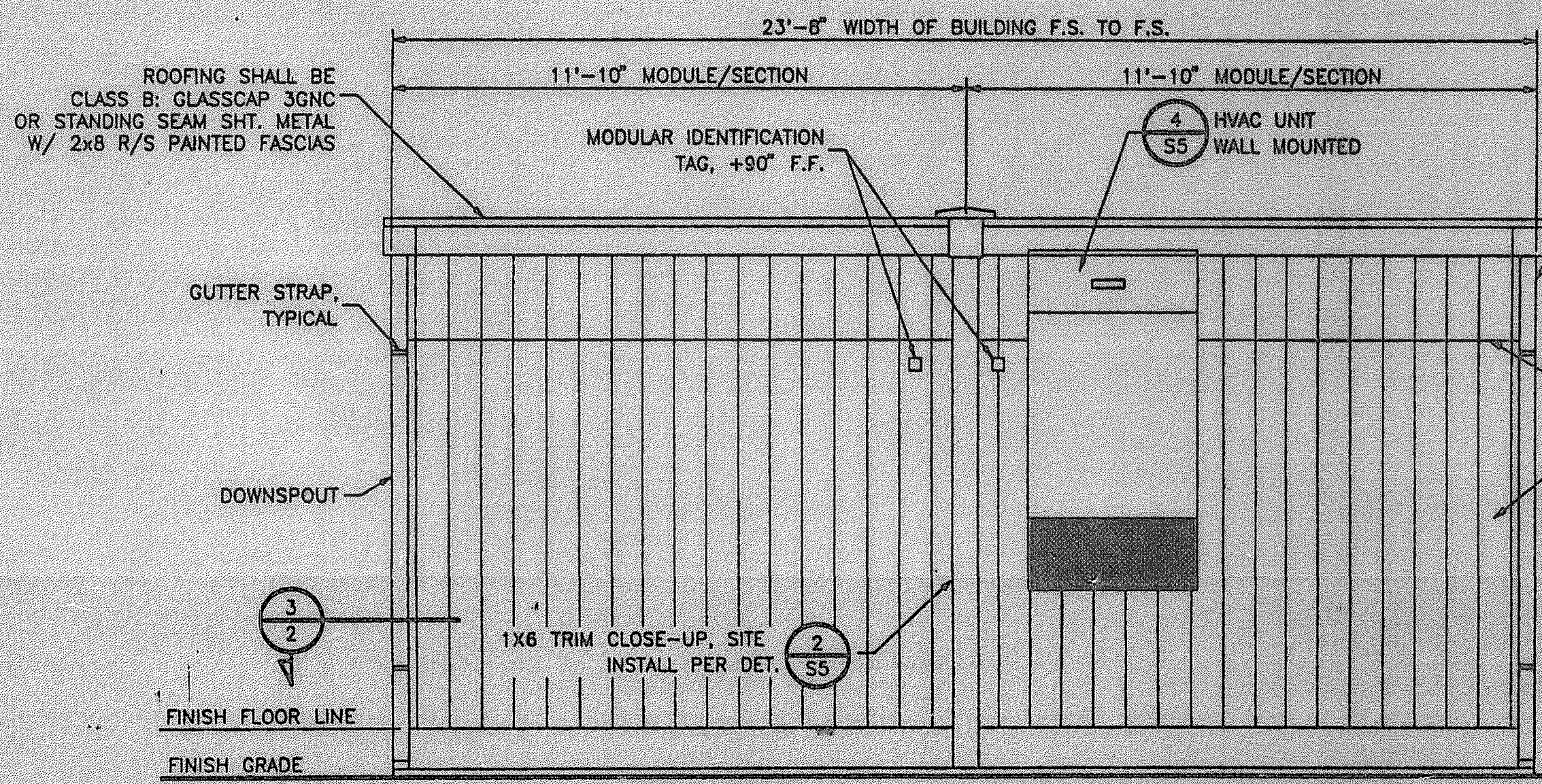
NOTE: THE END FLASHING ALONG THE OPPOSITE END OF THE BUILDING FOR LEADING EDGE FLASHING THE CORNER ALONG THE EDGE APPROXIMATELY 1" FROM THE LEADING EDGE FLASHING ONLY APPROXIMATELY 1" USE A F.O.L. THROUGH THE SECTION INTO SEAM. INSTALL THE END FLASHING ALONG THE SIDE OF THE BUILDING. KEEP THE EDGE OF THE FLASHING FLUSH WITH THE EDGES OF THE BUILDING.

DO WITH VENT RATING
REQUIRES A MINIMUM OF 18 GA. STEEL ROOF PANELS WITH 18 GAUGE 24" CORNERS AT 1/4" O.C. ATTACHED TO THE ROOF DECK WITH THREE 1/2" CROWN X 1 1/2" LENGTH 18 GA. STAPLES PER CLIP.



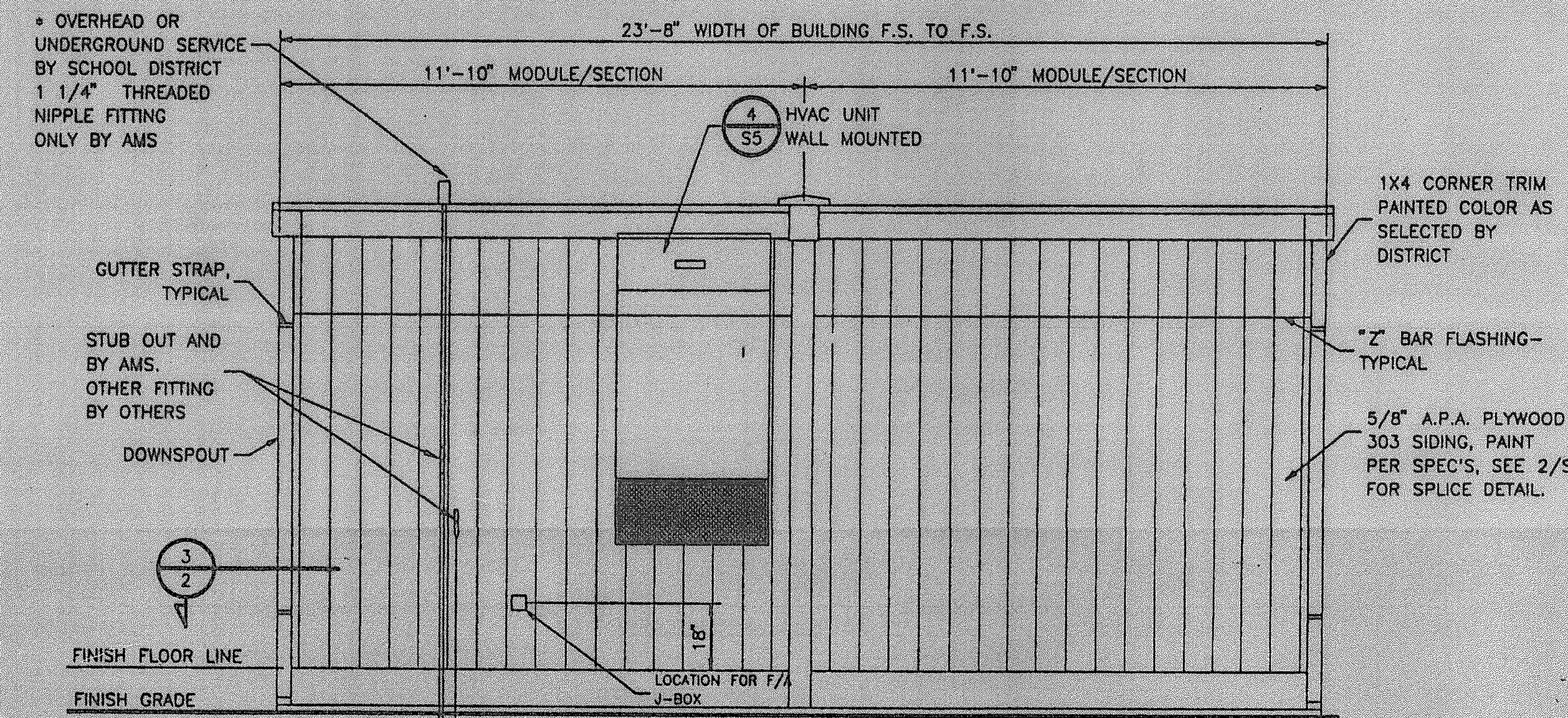
FRONT END/ENTRY ELEVATION (C)

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



REAR END ELEVATION (A)

SCALE: 3/8" = 1'-0"



RIGHT SIDE ELEVATION (D)

SCALE: 3/8" = 1'-0"

24 X 60
RELOCATABLE
CLASSROOMS

American Modular Systems

CUSTOMER:
LOS ANGELES UNIFIED SCHOOL DISTRICT
24x60 DOUBLE CLASSROOM BUILDINGS

EXTERIOR ELEVATIONS

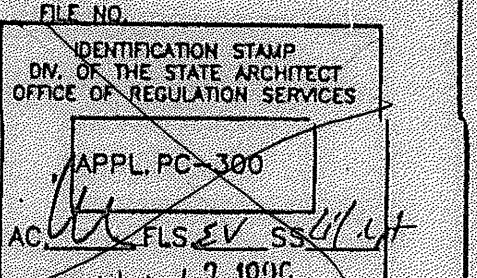
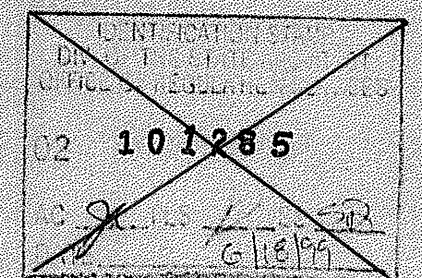
DATE: 10-14-96
SCALE: NONE
DRAWN BY: R.S.
CHECKED BY:
SERIAL NO.

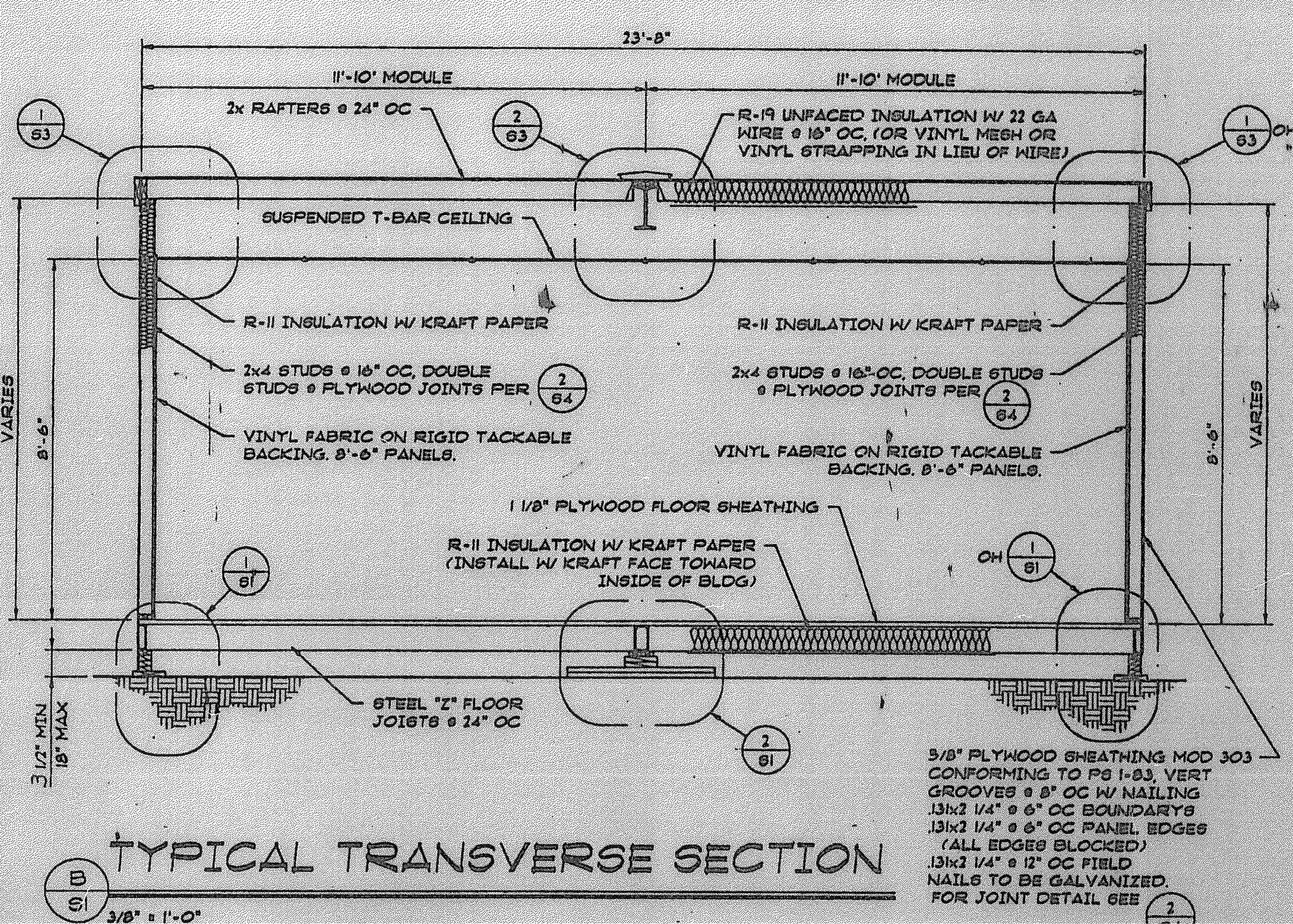
REVISIONS					
NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION

PROJECT NO.

SHEET No.

2



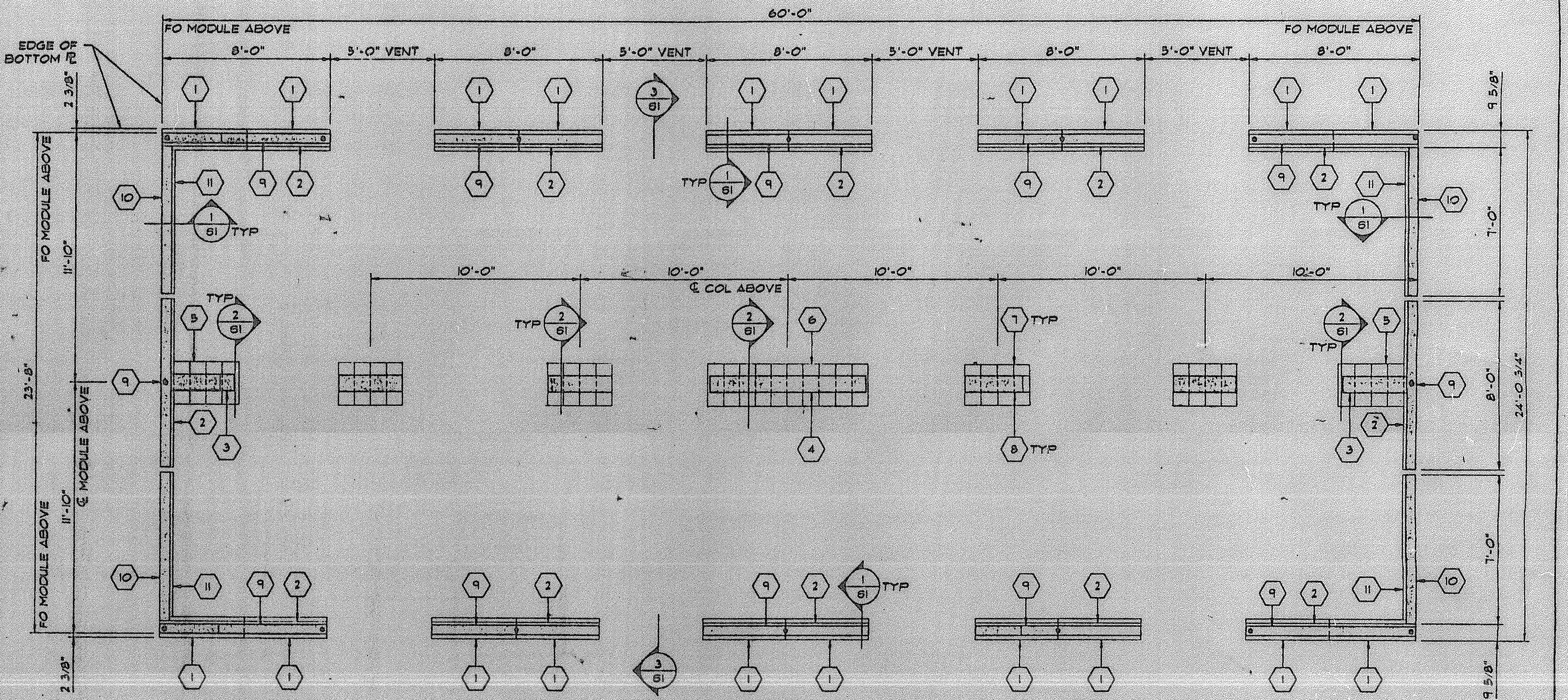


- LEGEND:**
- 1 1/2"x12"x4'-0" LONG P.T. CDX PLYWOOD
 - 2 2"x8"x0'-0" LONG FT F
 - 3 2"x10" x 3'-9" MIN LONG FT F SEE 2/61
 - 4 2"x10" x 9'-4" MIN LONG FT F SEE 2/61
 - 5 (4"x12"x2'-0" OR (3"x10"x2'-0" OR (6"x8"x2'-0" SEE 2/61
 - 6 (10"x12"x2'-0" OR (12"x10"x2'-0" OR (15"x8"x2'-0" OR (15"x10"x2'-0" OR (6"x8"x2'-0" SEE 2/61
 - 7 (4"x12"x2'-0" OR (3"x10"x2'-0" OR (6"x8"x2'-0" SEE 2/61
 - 8 2"x10" x 3'-9" MIN LONG LONGS SEE 2/61
 - 9 2"x8"x0'-0" AS REQ'D FOR HEIGHT (1 MIN)
 - 10 2"x8"x1'-0" AS REQ'D FOR HEIGHT (1 MIN)
 - 11 2"x8"x1'-0" PT F
- 1" GALVANIZED PIPE LOCATIONS-TYPICAL

TYPICAL TRANSVERSE SECTION
3/8" = 1'-0"

FOUNDATIONS:
ALL FOUNDATION MATERIALS IN CONTACT WITH THE GROUND SHALL BE PRESSURE TREATED EXCEPT SHIMS MAY BE REDWOOD, HEM FIR OR CEDAR. PRESSURE TREATED DOUGLAS FIR, HEM FIR, PLYWOOD, ETC. SHALL BE VERIFIED BY A CERTIFICATE OF TREATMENT STATING THE MATERIAL IN THIS UNIT HAS TREATED PER UNIFORM BUILDING CODE STANDARD SECTION 25-12". ALL MATERIAL FOR USE IN GROUND CONTACT SHALL BE STAMPED FOR GROUND CONTACT (LP22). THE IN-PLANT INSPECTOR SHALL VERIFY THAT ALL PRESSURE TREATED FOUNDATION MATERIAL IS CUT FROM ANP'S STAMPED STOCK AND THAT ALL CUTS AND HOLES ARE RETREATED PER SPECIFICATIONS. LP-2 AND LP-22 MATERIAL SHALL BE Banded SEPARATELY FOR SHIPMENT TO THE JOB SITE. THE IN-PLANT INSPECTOR'S VERIFICATION OF EACH Banded UNIT SHALL BE ATTACHED TO THE MATERIAL.

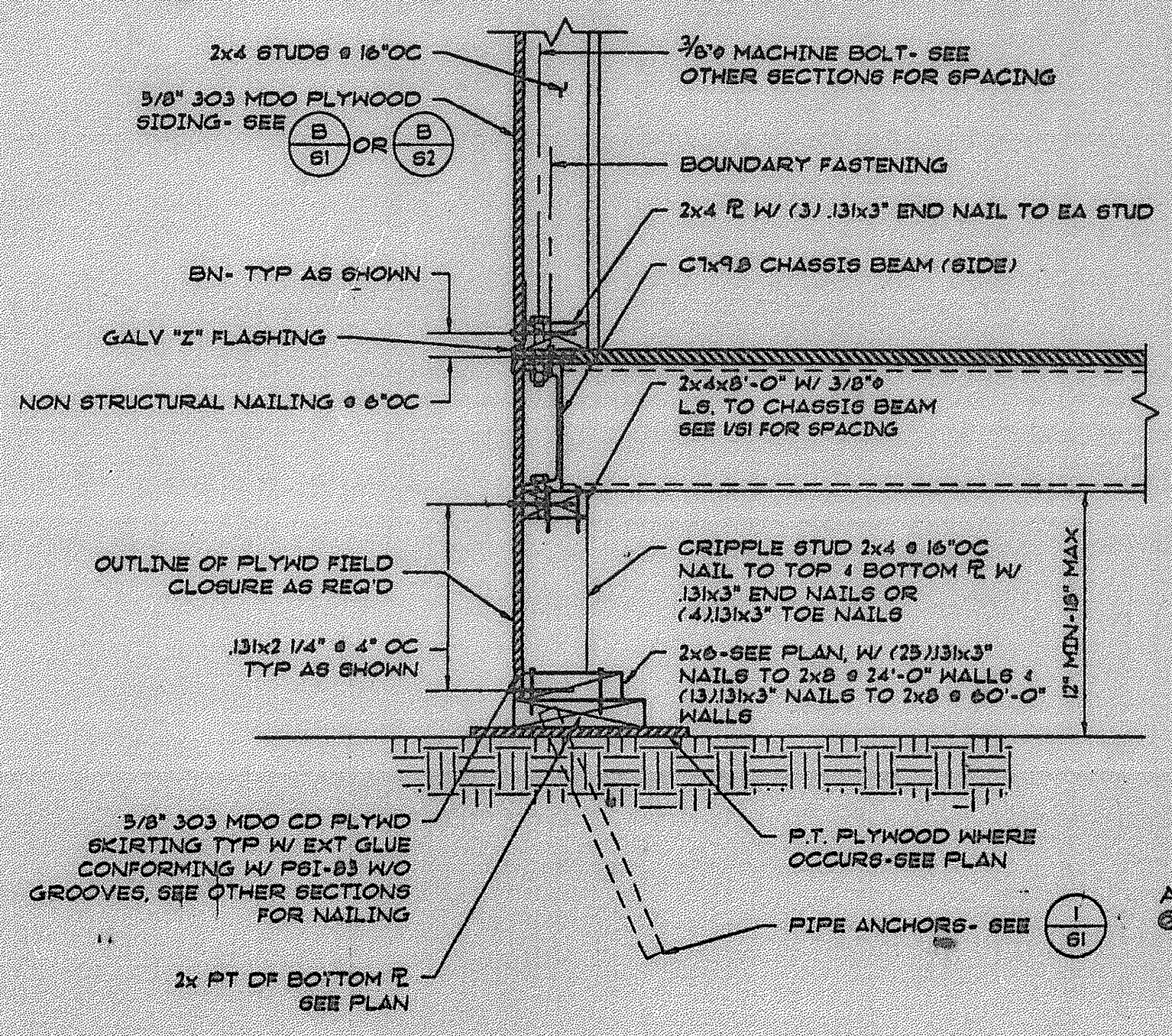
CONCRETE OR CONCRETE BLOCK FOUNDATIONS ARE NOT ALLOWED. THE FOOTING DESIGN SHALL PROVIDE FOR SHIMS AND BLOCKS NECESSARY TO PERMIT INSTALLATION ON SITES NOT LEVEL, BUT WITHIN TOLERANCE ALLOWED IN SECTION 11. INSTALLATION SHALL BE PERMITTED ON EITHER SOIL CONCRETE OR A/C PAVING, HAVING SUITABLE DESIGN BEARING CAPACITY, THE BUILDINGS SHALL BE SECURELY FASTENED TO THE FOUNDATIONS. THE FOUNDATIONS AND THE METHOD OF FASTENING SHALL BE SUBJECT TO APPROVAL BY THE ARCHITECT AND DSA. PADS SHALL BE DESIGNED FOR A MAXIMUM OF 1000 PSF LOAD ON THE SOIL. PADS SHALL NOT BE PLACED ON TURF.



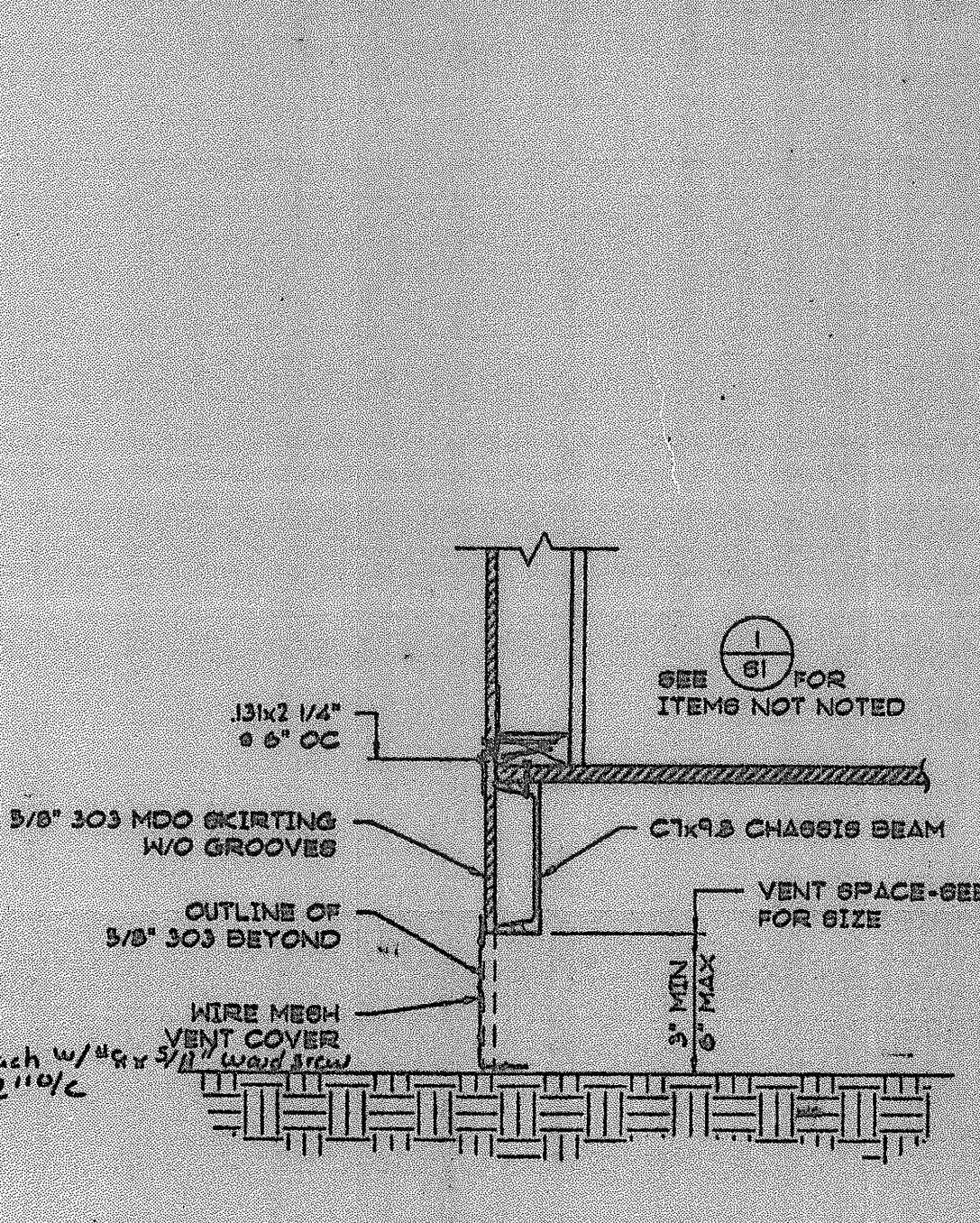
- NOTES:**
- 1 TOP OF MOOD PADS TO BE LEVEL
 - 2 DO NOT INSTALL BUILDINGS IN AREAS OF WATER LINES.
 - 3 SITES TO BE GRADED TO PREVENT WATER PONDING BENEATH THE STRUCTURE
 - 4 [Symbol] INDICATES GRID F CONTACT SURFACE
 - 5 PLYWOOD GRID F SHALL BE CUT PERPENDICULAR TO FACE GRAIN
 - 6 VENT SPACE REQUIRED, MAX 8" = 9.6 SF VENT MIN VENT SPACE PROVIDED = 8.75 X 5' = 10 SF VENT
 - 7 ADJACENT BUILDINGS CANNOT BE PLACED CLOSER THAN 2'-0" APART.

FOUNDATION PLAN
1/4" = 1'-0"

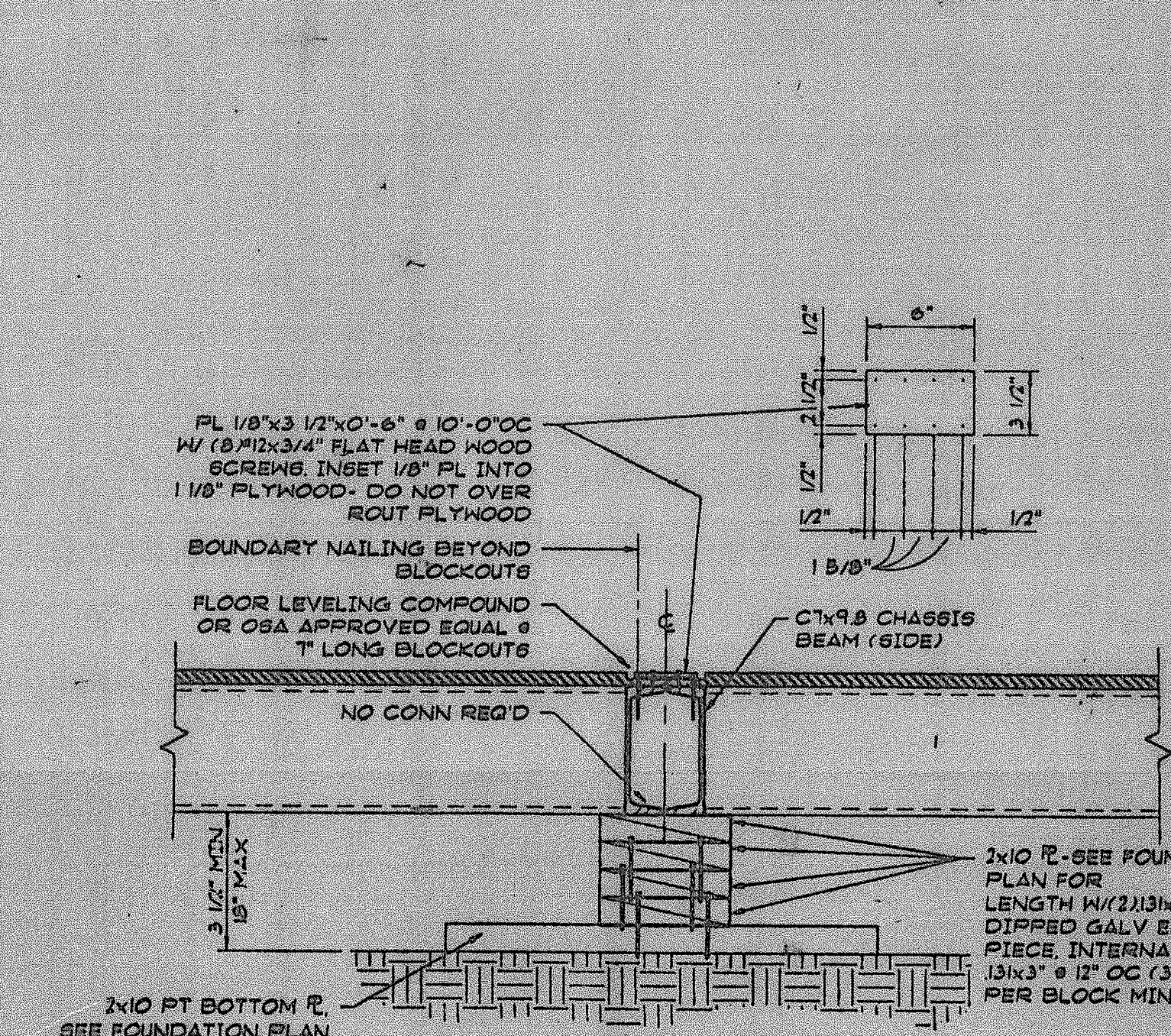
SILL RESTRAINT:
ON SOIL: 1" GALV PIPE W/ 12" MIN PENETRATION BELOW SOIL SURFACE @ 10'-0" OC. DRILL SILL 1/4" MAX. PIPE MAY BE DRIVEN MAX 45° ANGLE TO VERTICAL.
ON A/C PAVING: 1" GALV PIPE W/ 12" MIN PENETRATION BELOW PAVING SURFACE @ 10'-0" OC. DRILL SILL 1/4" MAX OR 300 NAILS THRU SILL F @ 32" OC.
ON CONC PAVING: MILTI D6 @ 2-PIV THRU SILL F @ 4'-0" OC.



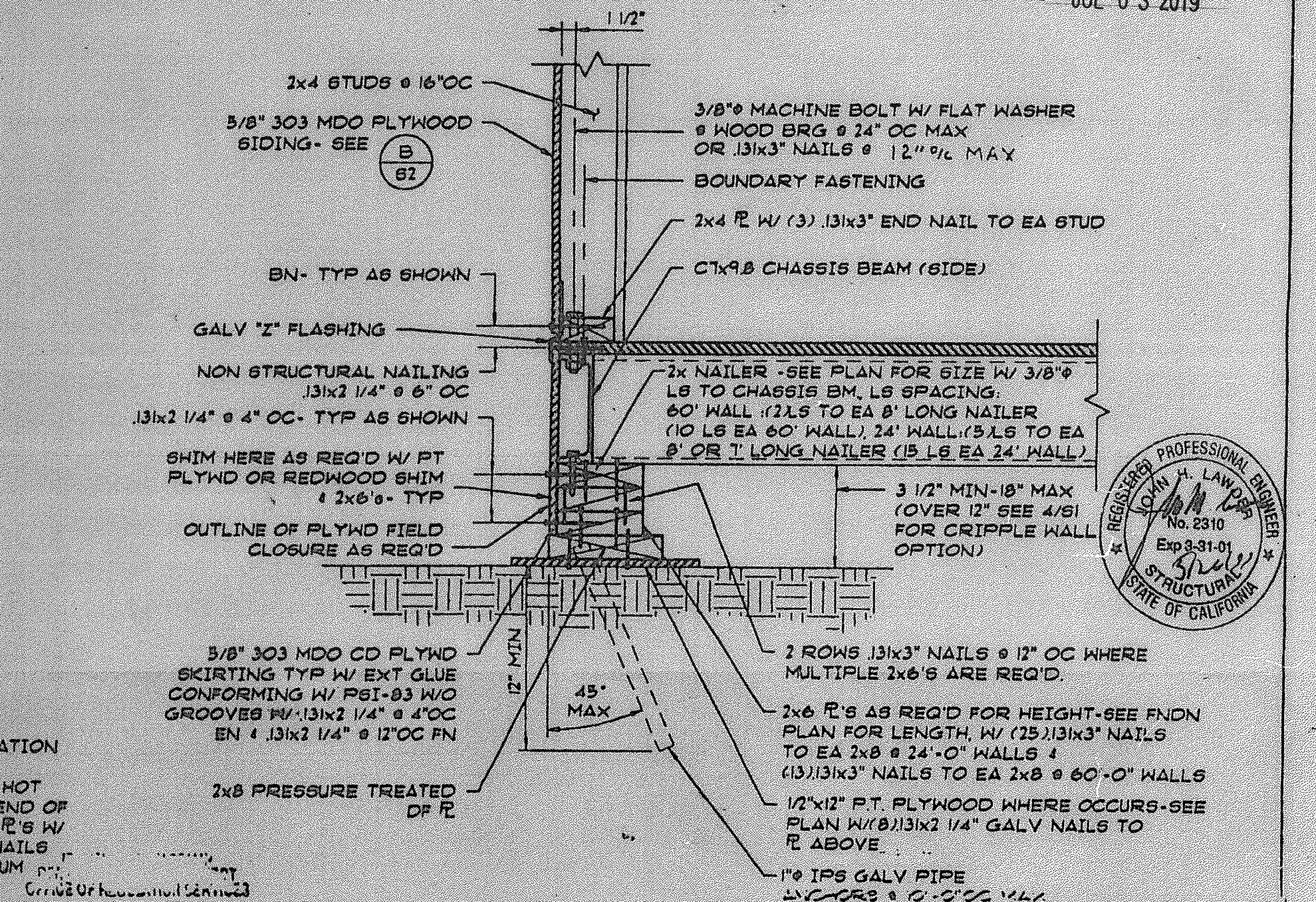
FOUNDATION DETAIL
1/2" = 1'-0"



FOUNDATION DETAIL
1/2" = 1'-0"



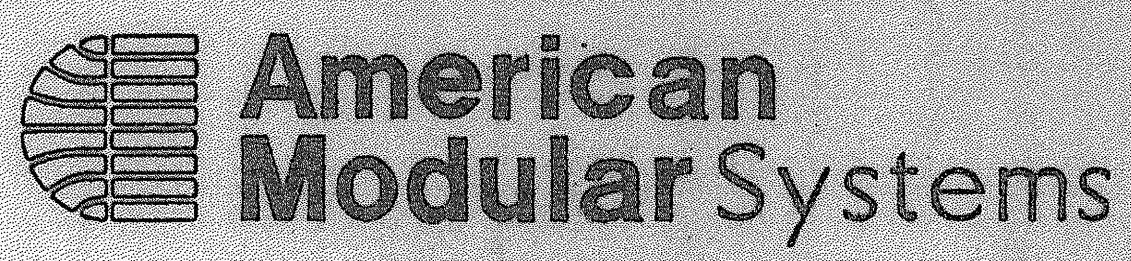
DETAIL
1/2" = 1'-0"



FOUNDATION DETAIL
1/2" = 1'-0"

CAL 95125(24)00) STRUC1 10-14-96 9:07:54 am EST

24 x 60
RELOCATABLE
CLASSROOMS



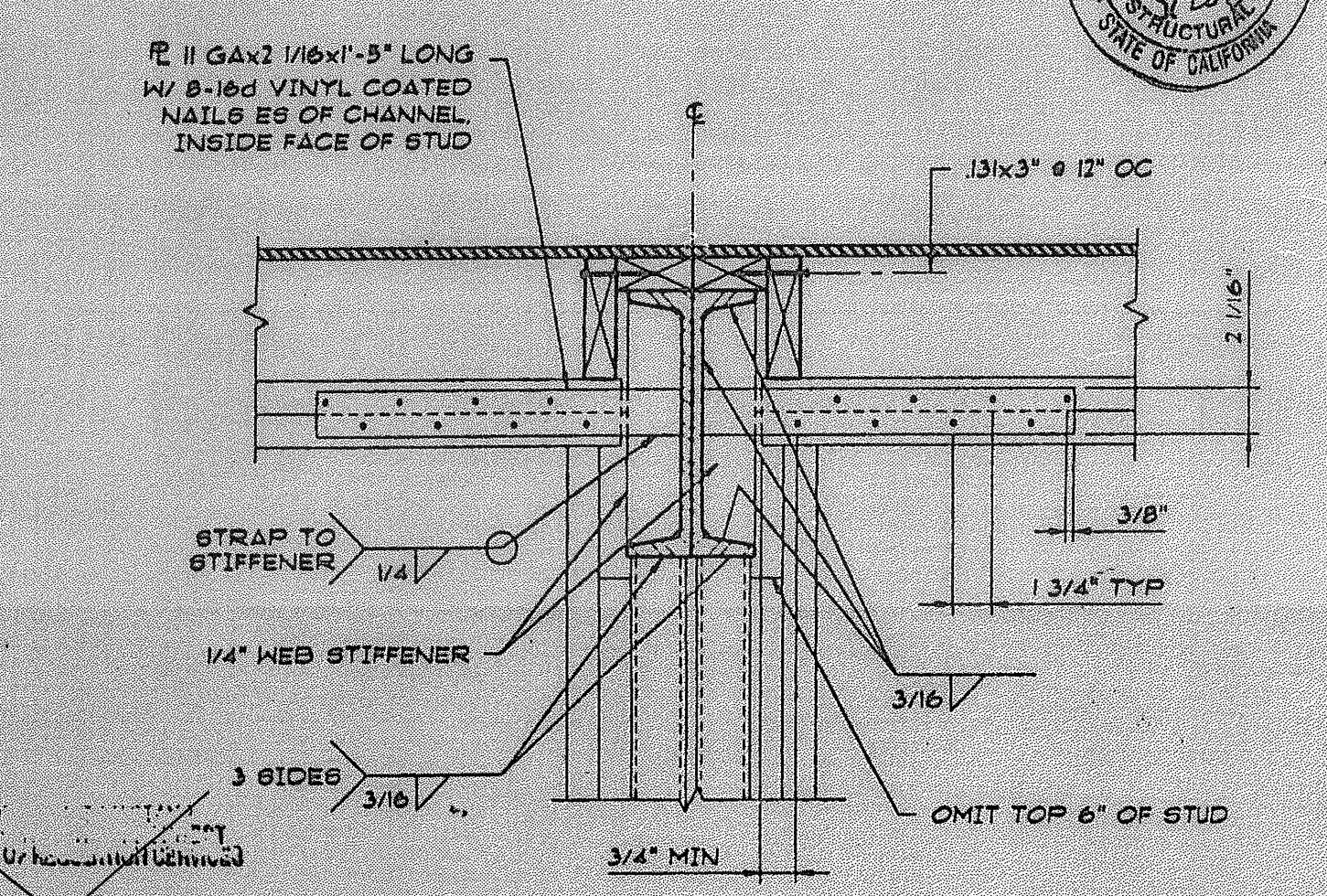
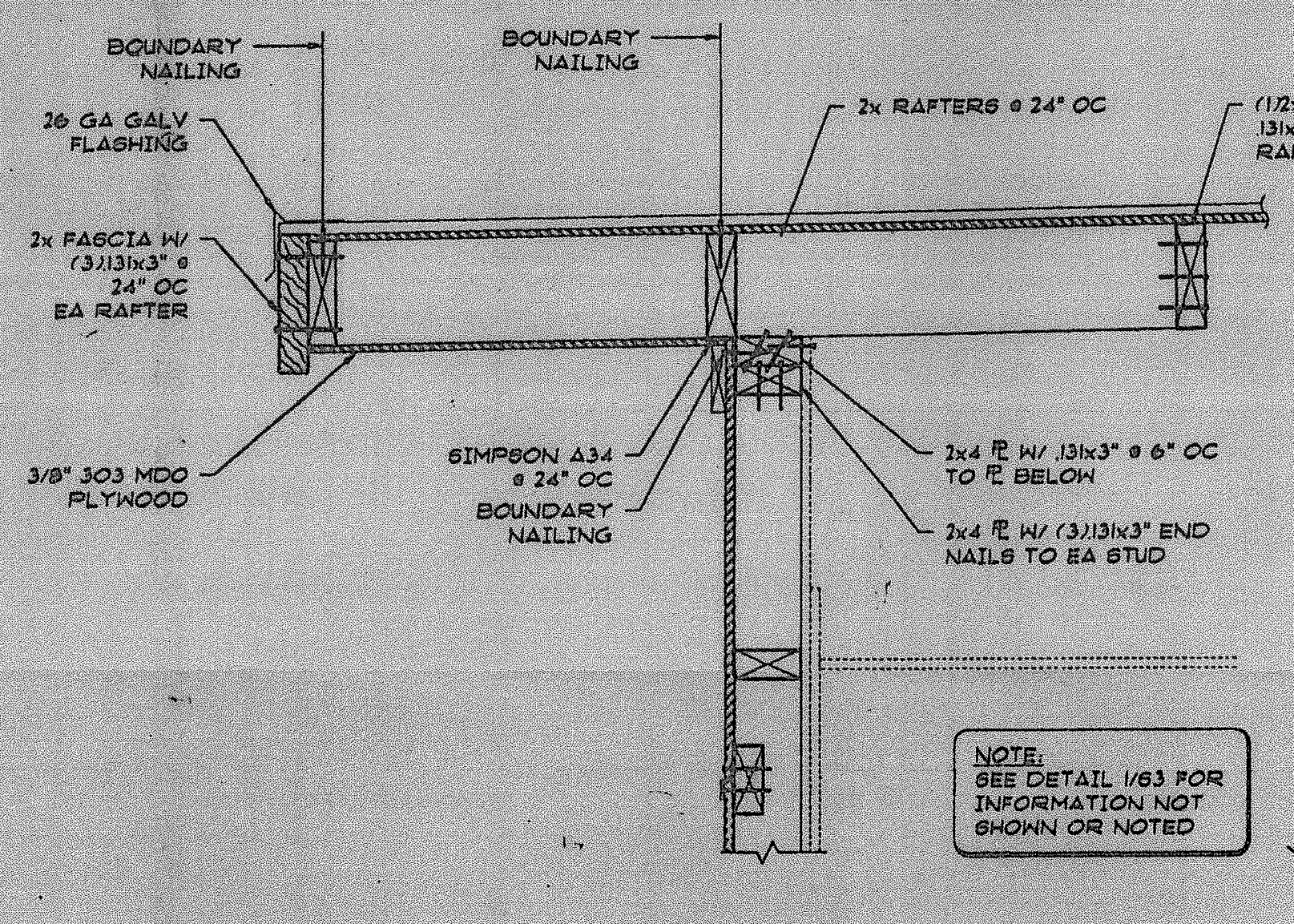
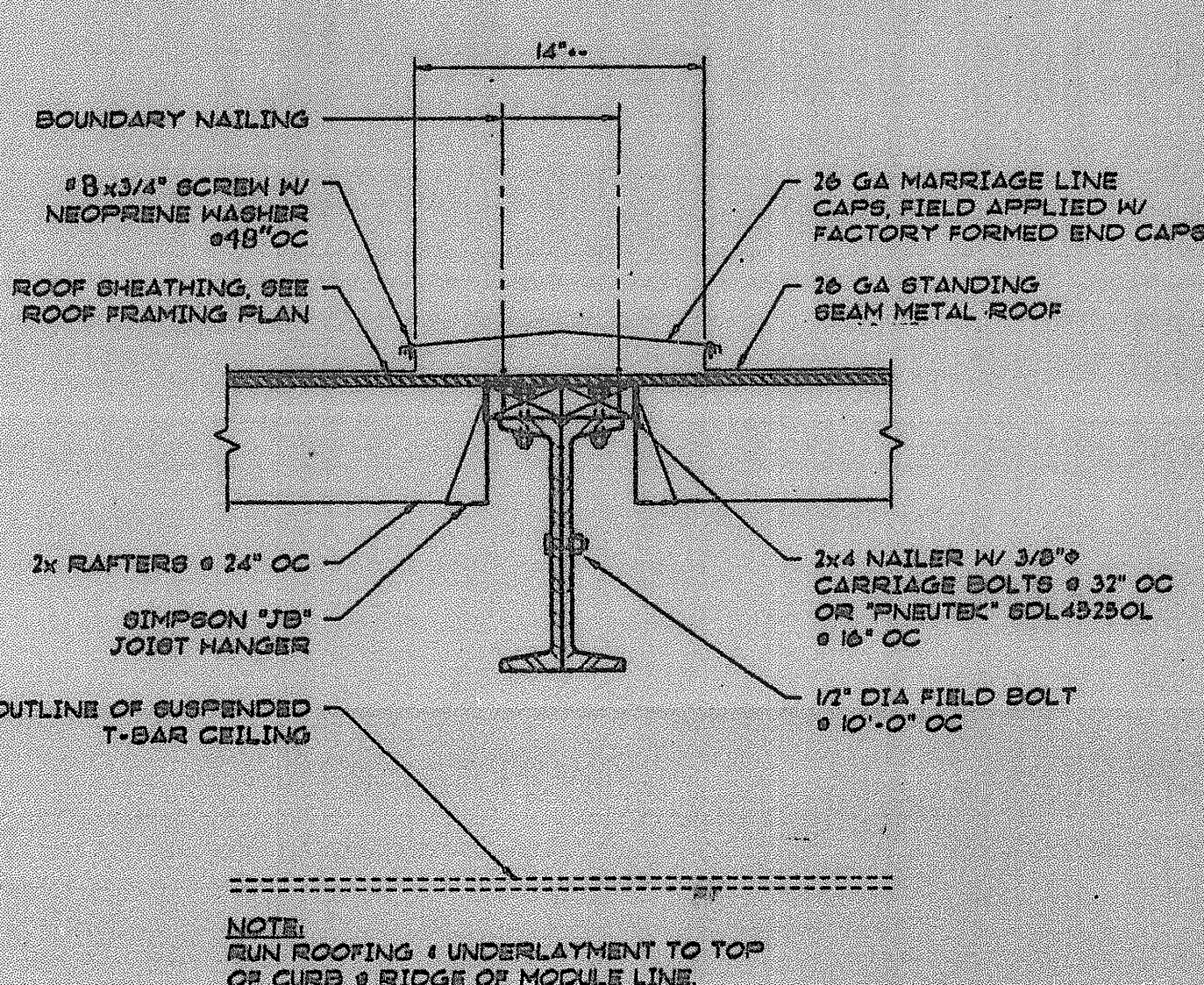
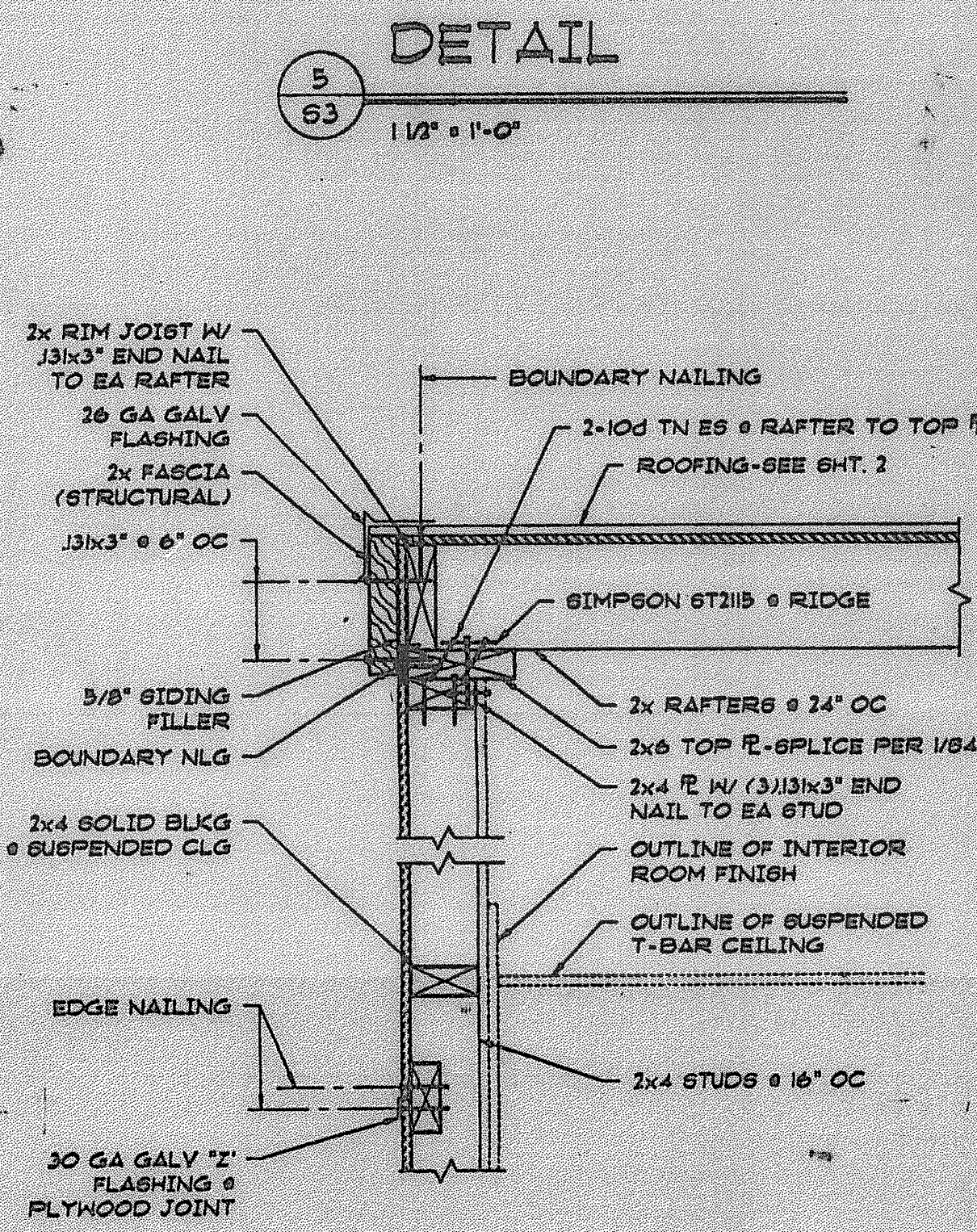
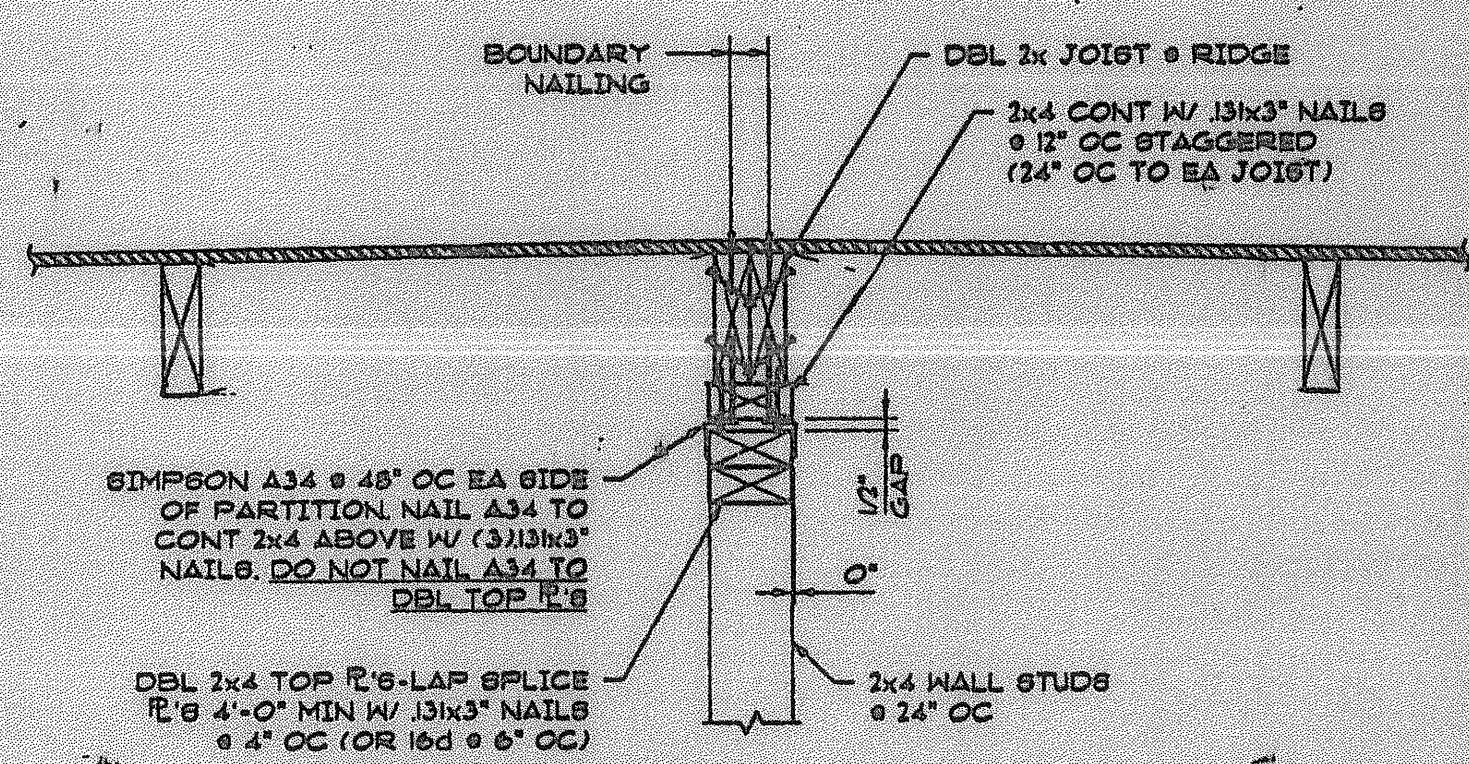
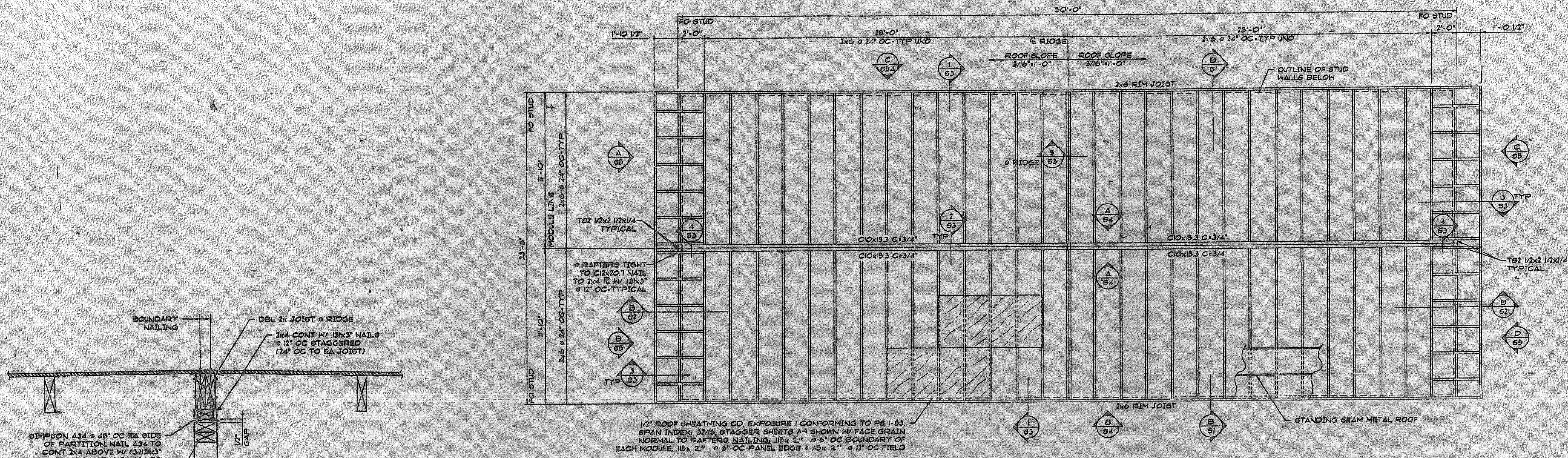
CUSTOMER: _____

DATE: 8/27/06
SCALE: NONE
DRAWN BY: K.D.T.
CHECKED BY: _____
SERIAL NO. _____

FOUNDATION PLAN, NOTES, SECTIONS AND DETAILS

REVISIONS		REVISIONS			
NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION

PROJECT NO: 96158
SHEET NO: 51

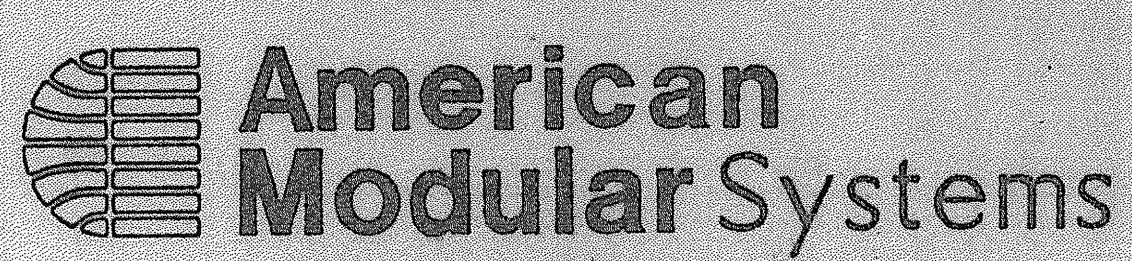


APPROVED 11.99.06
 DATE JUL 03 2019



24 X 60 RELOCATABLE CLASSROOMS

24 X 60 RELOCATABLE CLASSROOMS



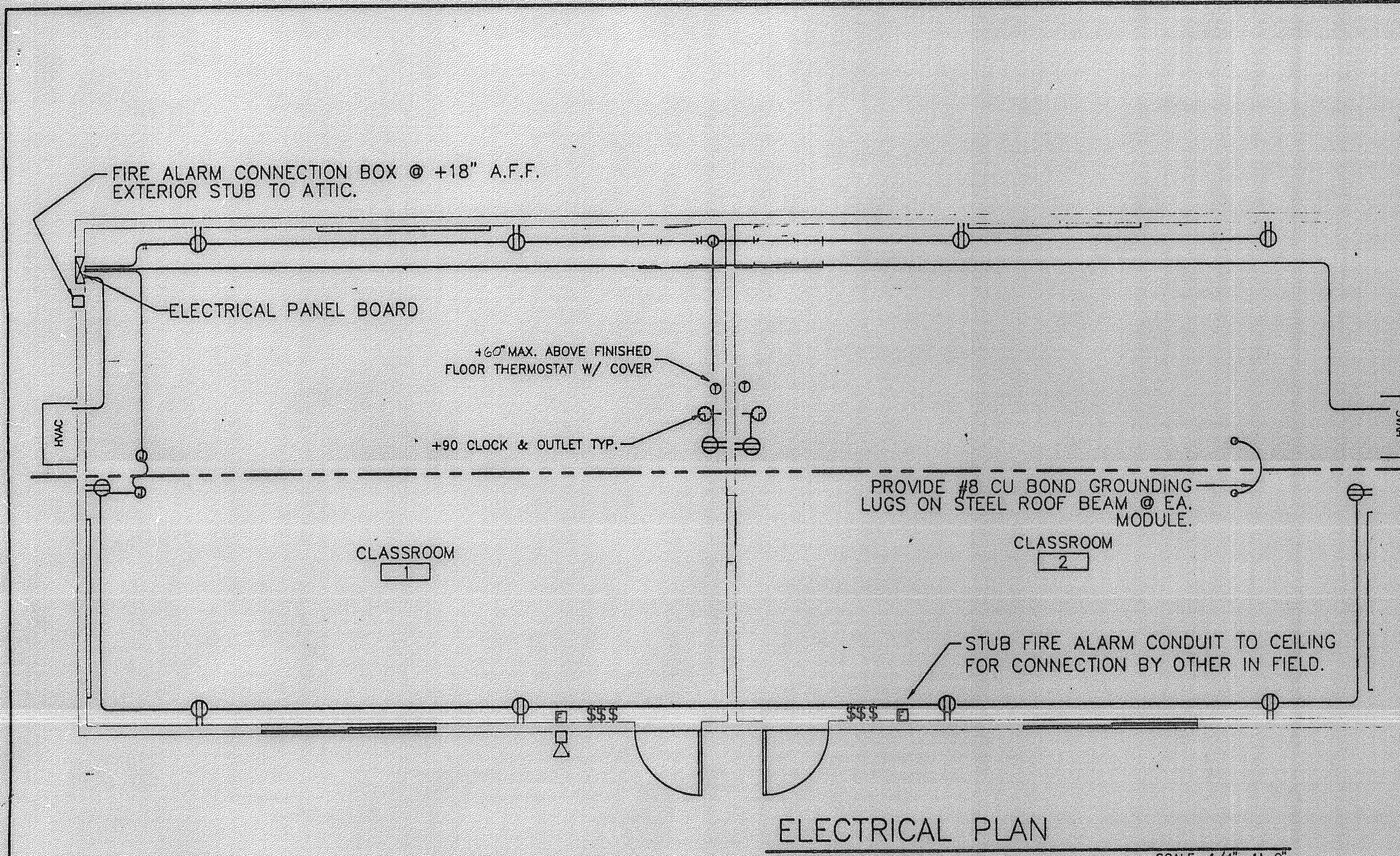
CUSTOMER: _____

DATE: 8/2/16
 SCALE: NONE
 DRAWN BY: K.D.T.
 CHECKED BY: _____
 SERIAL NO. _____

ROOF FRAMING PLAN, SECTIONS AND DETAILS

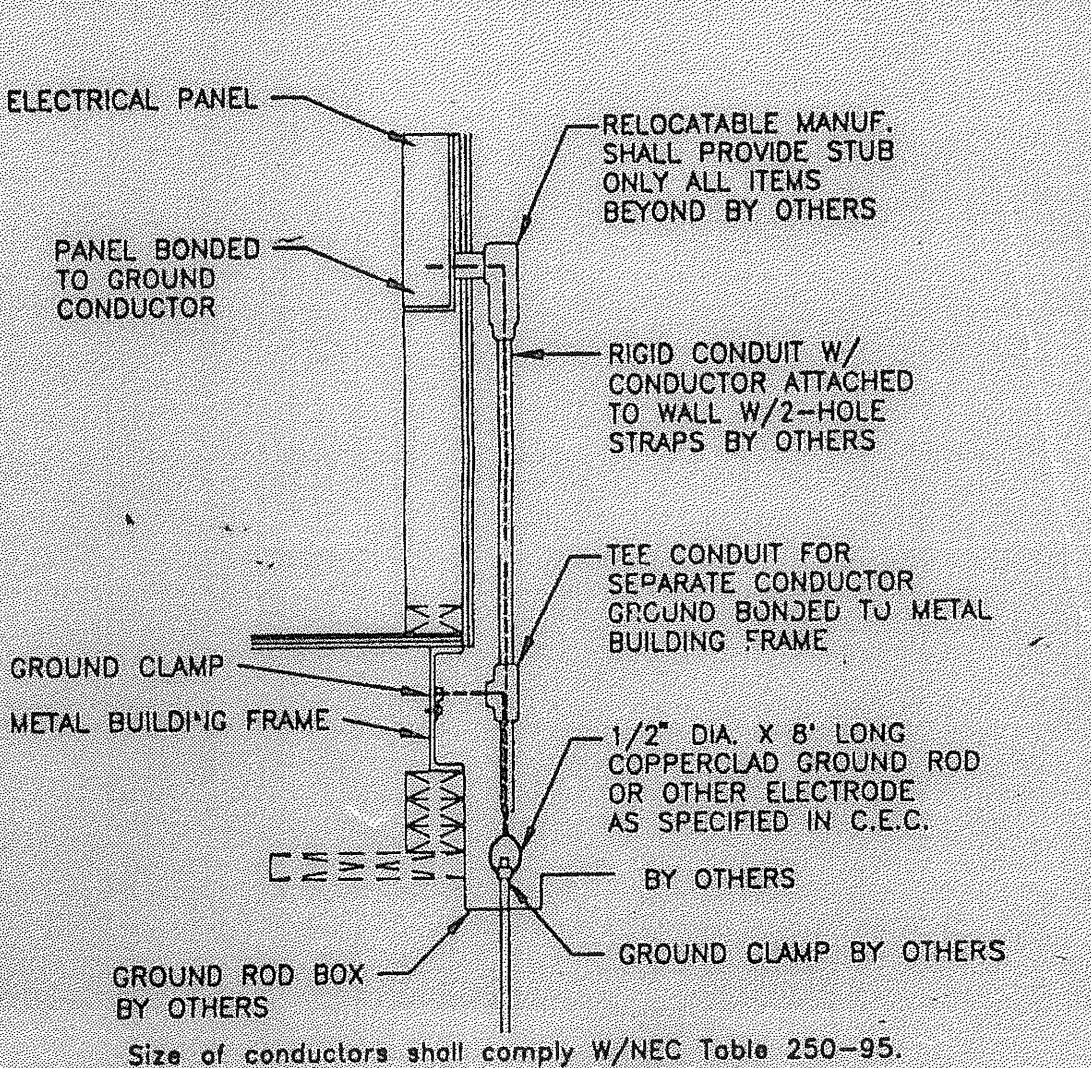
REVISIONS					
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

PROJECT No. 96158
 SHEET No. 53



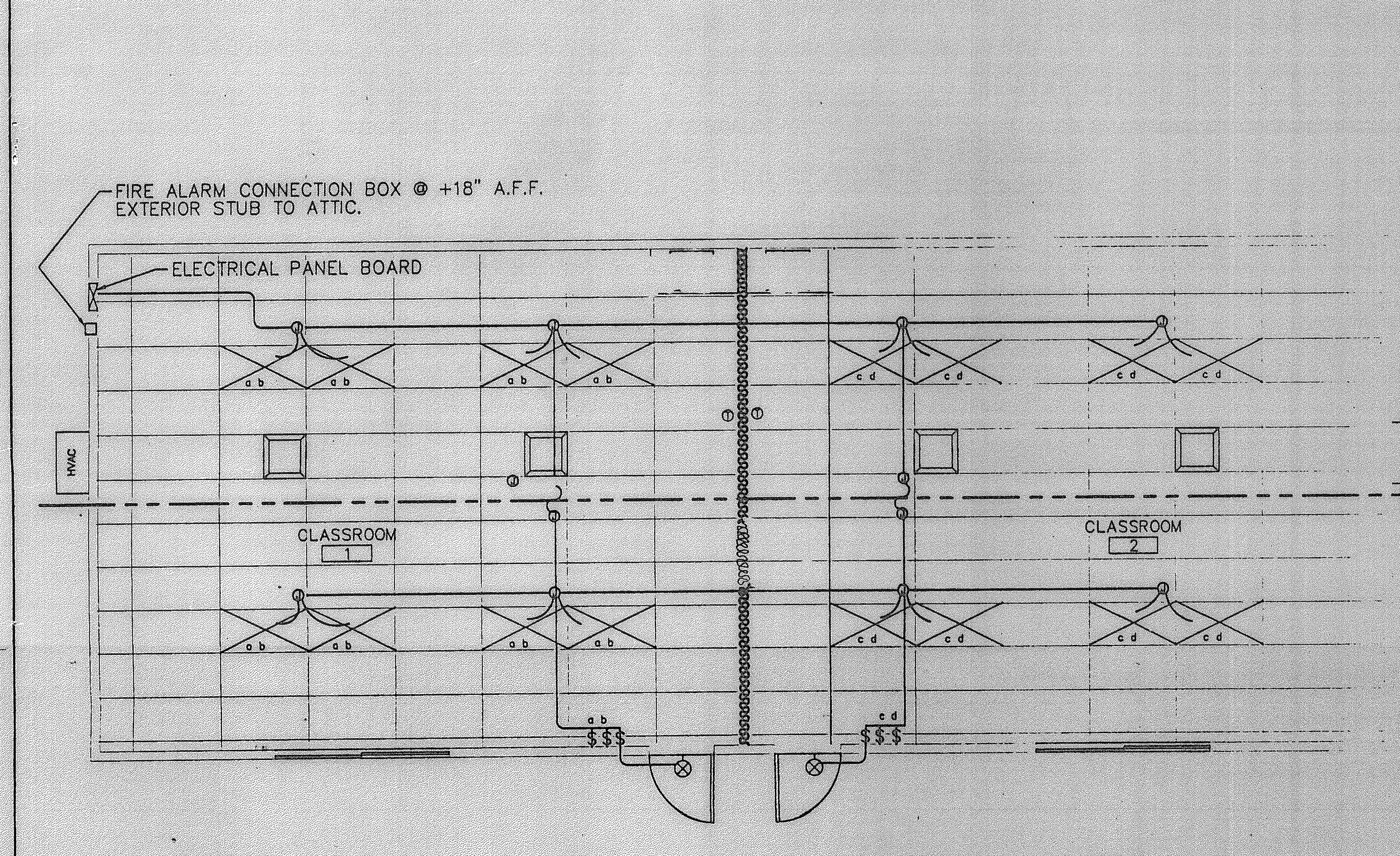
- STANDARD ELECTRICAL SYMBOLS**
 NOTES: SOME SYMBOLS MAY NOT APPEAR ON PLANS. CONTACT AHS FOR ANY SYMBOLS NOT ON LIST
- FLUORESCENT LIGHTING FIXTURE - SURFACE MOUNTED.
 - FLUORESCENT LIGHTING FIXTURE - RECESSED.
 - FLUORESCENT LIGHTING FIXTURE - WALL MOUNTED (EXTERIOR).
 - INCANDESCENT LIGHTING FIXTURE - WALL MOUNTED (INTERIOR).
 - DUPLEX WALL CONVENIENCE OUTLETS +18".
 - SINGLE POLE LIGHT SWITCHES +48", HUBBELL PREMIUM, BRYANT HEAVY DUTY, OR LEVITON SPECIFICATIONS GRADE.
 - SAVE EXC. 2 POLE
 - ELECTRICAL CROSSOVER J-BOXES ABOVE T-BAR CEILING @ 1'-4" X 1'-0" @ 2' X 2'.
 - WALL CLOCK OUTLET WITH POWER OUTLET +7'-0".
 - SWITCH SUBSCRIPTS - @=DEVICE CONTROLLED.
 - 15 AMP 125V DUPLEX RECEPTACLE +18", HOSPITAL GRADE.
 - JUNCTION BOX - SIZE AND TYPE AS REQUIRED.
 - TERMINAL CABINET - SIZE AND TYPE AS NOTED.
 - CONDUIT CONCEALED IN CEILING OR WALL.
 - CONDUIT CONCEALED BELOW FLOOR OR GRADE.
 - HOMERUN TO PANEL.
 - INDICATES 1/2" (GREEN) GROUND WIRE, OTHER SIZES AS INDICATED.
 - PANELBOARD - SEE SCHEDULE.
 - TERMINAL CABINET - SIZE AND TYPE AS NOTED.
 - CONDUIT CONCEALED IN CEILING OR WALL.
 - CONDUIT CONCEALED BELOW FLOOR OR GRADE.
 - HOMERUN TO PANEL.
 - INDICATES 1/2" (GREEN) GROUND WIRE, OTHER SIZES AS INDICATED.
 - FOR MORE THAN 2#12 WIRES AS FOLLOWS: -H3#12, -H4#12 ETC. FOR OTHER SIZES AS FOLLOWS: J#10, #8 ETC.
 - FIXTURE IDENTIFICATION - LETTER INDICATES TYPE.
 - ABBREV. FOR NOT IN ELECTRICAL SECTION OF THESE PLANS AND SPECS.
 - ABBREV. FOR EMPTY CONDUIT WITH POLY PULL CORD.
 - FIRE ALARM MANUAL PULL STATION - OUTLET BOX ONLY, 4" SQ. BOX W/ SINGLE DEVICE RING AND BLANK COVER +48" TO CENTER LINE.
 - FIRE ALARM HORN - OUTLET BOX ONLY - 4" SQ. BOX W/ SINGLE DEVICE RING AND WP COVER +90" MIN.
 - FIRE ALARM VISUAL ALARM - OUTLET BOX ONLY - 4" SQ. BOX W/ SINGLE DEVICE RING AND COVER +80".
 - FIRE ALARM CONNECTION BOX - OUTLET BOX ONLY - 4" SQ. BOX W/ 3/4" EMT TO ATTIC, WP COVER +18" A.F.F. MIN.

- FIRE ALARM SYSTEM NOTES:**
1. BUILDING MANUFACTURER TO PROVIDE "LIF" FITTING STUB-OUT FROM BACK OF ELECTRICAL ASSEMBLY THROUGH THE EXTERIOR WALL FOR RECEIVING DISTRICT'S UNDERGROUND OR OVERHEAD SERVICE, & LE FITTING FOR GROUNDING CABLE.
2. ELECTRICAL PANEL A SHALL BE IN LISTED FOR USE AS SERVICE EQUIPMENT. SHALL BE RECESSED MOUNTED INSIDE THE BUILDING, AND SHALL BE SIZED TO ACCOMMODATE ALL CONNECTED LOADS INCLUDING SPACES AS SHOWN. OVER-CURRENT PROTECTIVE DEVICES IN THE PANEL BOARDS SHALL HAVE ADEQUATE SHORT CIRCUIT INTERRUPTING CAPACITY WHICH SHALL BE 10,000A UNLESS OTHERWISE DIRECTED BY THE DISTRICT. ALL LINES NOT FACTORY CONNECTED SHALL BE SUITABLE FOR COPPER OR ALUMINUM WIRE.
3. CLOCK - 12" DIA. CLOCK ON CLOCK OUTLET.
 A) CLOCK SHALL BE GENERAL ELECTRIC MODEL 2013 120 V AC 60 CYCLE.
 B) CLOCK OUTLET SHALL BE BRYANT #2828 G OR GS OR EQUAL WITH SEPARABLE HANDING CLIP & AMP RECEPT.
4. ALL CONDUCTORS SHALL BE CU IN FLEX OR EMT. USE ONLY FLEX TO ITEMS ON SUSPENDED CEILING. USE THIN FOR SIZES #12 TO #6. THIN FOR LARGER SIZES. ALL CONDUITS SHALL BE CONCEALED. CONDUIT SHALL BE 1/2" MIN. TRADE SIZE OR AS REQUIRED BY CODE, UNLESS NOTED OTHERWISE.
5. ALL CONDUITS WITH CONDUCTORS THEREIN TO CONTAIN EQUIP. GROUNDING CONDUCTORS SIZED PER CODE.
- SITE ELECTRICAL NOTES:**
- SE1. DISTRICT TO PROVIDE ELECTRICAL SERVICE TO EACH BUILDING.
 SE2. GROUNDING ELECTRODE CONDUCTOR TO BE SIZED PER NEC.
 SE3. ALLOW FOR 1/2" MOVEMENT IN ANY DIRECTION IF PAD FOUNDATION IS USED.
 SE4. BOND BLDG. STEEL TO PANEL (84 CU).



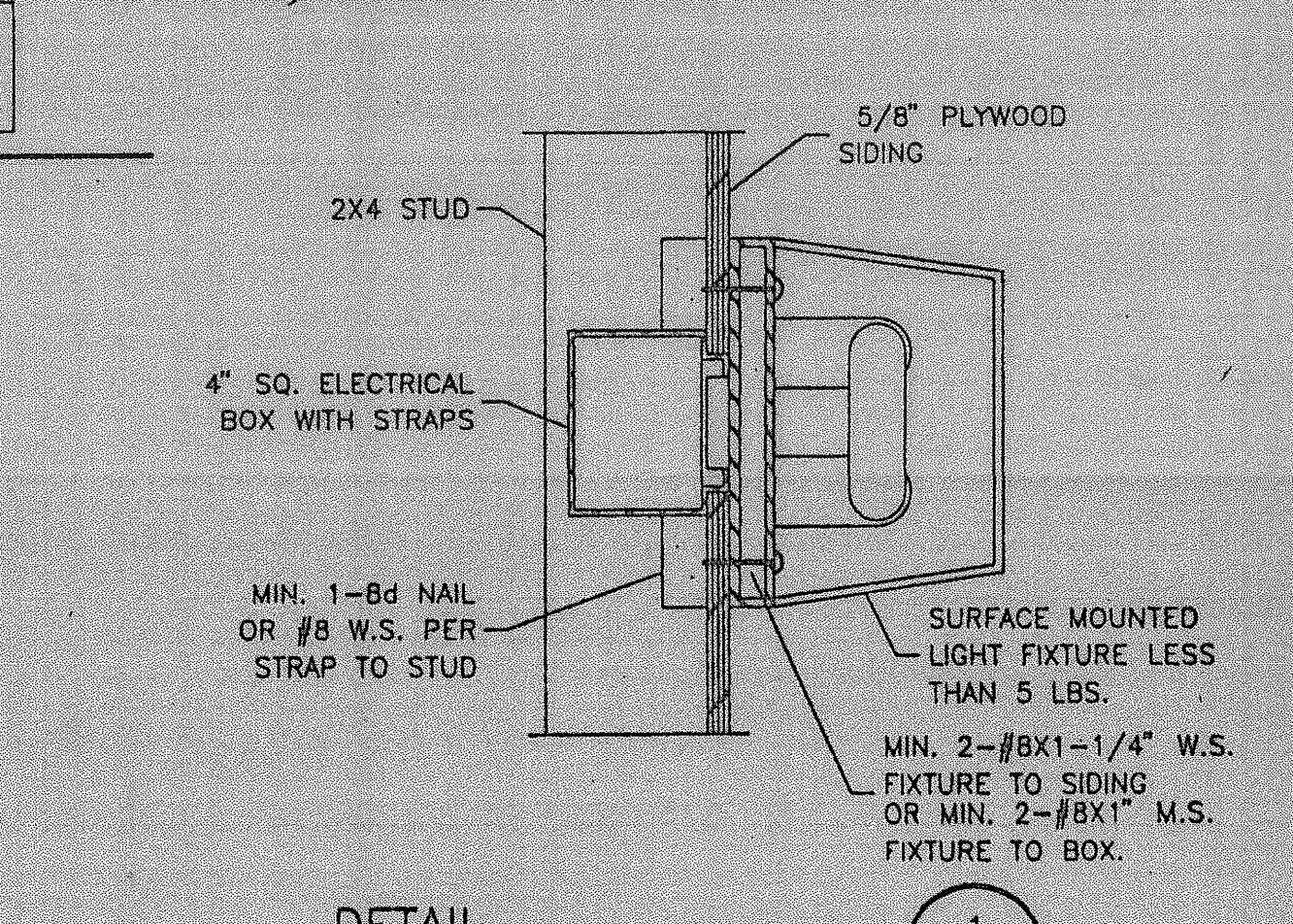
GROUNDING DETAIL
 N.T.S.
 GROUNDING TEST MUST BE WITNESSED BY PROJECT INSPECTOR.

APPROVED: [Signature]
 DATE: JUL 03 2019



SYMBOL	DESCRIPTION	LOAD	MANUFACTURER
⊗	2'x4" FLUORESCENT DROP-IN FIXTURE, ACRYLIC PRISMATIC LENS, ENERGY SAVING BALLAST, (4) 40W T12 34 WATT TUBES W/ 27 LBS.	180VA	CRESCENT 241F4400LA
⊗	FLUORESCENT SURFACE MOUNTED EXTERIOR LIGHT WITH IMPACT RESISTANT ENCLOSURE, 125 THICK CLEAR PRISMATIC ONE PIECE LENS W/ NEOPRENE GASKET & "POSITION" STAINLESS STEEL SCREWS, (2) 7/16" TT OR PL 2700 K	43VA	KENALL 3714 OR LITHONIA 202 2/7PL LP

SEE TYPICAL CLASSROOM LAYOUT FOR LOCATIONS OF ALL DEVICES.



ELECTRICAL PANEL - A

VOLTS: 120/240 SINGLE PHASE		PANEL: INTERIOR/LOCKABLE		FEED: EXTERIOR LB	
MAIN: 125 A MAIN BRKR.		LOCATION:		MOUNTING: FLUSH	
LOAD VA	BRKR	C	B	C	LOAD VA
AMP	AMP	A	B	R	AMP
DIRECTORY					
LIGHTS, FLUORESCENT	624	20	1	1	
LIGHTS, FLUORESCENT & EXTER	724	20	1	3	3190
LIGHTS, FLUORESCENT	624	20	1	5	3190
DUPLEX RECEPT. & CLOCK	400	20	1	7	3190
DUPLEX RECEPT.	400	20	1	9	
LIGHTS, FLUORESCENT & EXTER	724	20	1	11	
SPACE				13	
DUPLEX RECEPT. & CLOCK	400	20	1	15	
DUPLEX RECEPT.	400	20	1	17	
SPACE				19	
				21	
				23	
				25	
				27	
				29	
PHASE LOAD VA	2048	2248			8390 8390
TOTAL LOAD VA "A" LEG	8428				8628 TOTAL LOAD VA "B" LEG
TOTAL LOAD VA: 17056		77 AMPS		120/240 VOLTS	10 3 WIRE

FEEDERS TO BE RUN BY THE DISTRICT EITHER UNDERGROUND OR OVERHEAD

24 X 60 RELOCATABLE CLASSROOMS

American Modular Systems

CUSTOMER: LOS ANGELES UNIFIED SCHOOL DISTRICT
 24x60 DOUBLE CLASSROOM BUILDINGS

DATE: 10-16-98
 SCALE: NONE
 DRAWN BY: R.S.
 CHECKED BY:
 SERIAL NO.

REVISIONS

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION

PROJECT NO. []
 SHEET NO. **E1**

BID SET 9-20-2019

MOBILE MODULAR MANAGEMENT
11450 MISSION BLVD.
MIRA LOMA, CA 91752
(800) 944-3442 FAX (951) 360-6620

PC 04-113248
FOR ALTERATION TO EXISTING STOCKPILES
FOR ACCESSIBLE RAMPS - HANDRAIL AND
UPRIGHT EXTENSION
STATE OF CALIFORNIA-2012 IBC/2013 CBC

CODES: (TITLE 24 CODES)

- 2013 CALIFORNIA ADMINISTRATIVE CODE (CAC)....(PART 1, TITLE 24, CCR)
- 2013 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 AND 2 (PART 2, TITLE 24, CCR) (2012 EDITION INTERNATIONAL BUILDING CODE WITH 2013 CALIFORNIA AMENDMENTS)
- 2013 CALIFORNIA FIRE CODE (CFC), (PART 9, TITLE 24, CCR) (2012 EDITION INTERNATIONAL FIRE CODE WITH 2013 CALIFORNIA AMENDMENTS)
- 2013 CALIFORNIA GREEN CODE (CFC), (PART 11, TITLE 24, CCR)
- 2013 CALIFORNIA REFERENCED CODE, (PART 12, TITLE 24, CCR)
 - NFPA 13 2013
 - NFPA 72 2013
- 2013 CODE SECTIONS FOR APPLICABLE STANDARDS
 - 2013 CBC, CHAPTER 35
 - 2013 CFC, CHAPTER 45
- 2013 CALIFORNIA ADMINISTRATIVE CODE (CAC) (TITLE 24, PART 1, CCR)
- NOTES TO DSA PLAN REVIEWER & SITE ADAPT ARCHITECT

1. SITE APPLICATION ARCHITECT TO SUBMIT EXISTING DSA APPROVED RAMP FOUNDATION PLAN FOR REINSTALLATION.
2. SITE APPLICATION ARCHITECT TO PROVIDE DSA APPLICATION NUMBER(S) OF THE EXISTING BUILDINGS TO SHOW THAT THE EXISTING RAMPS WERE CONSTRUCTED PER AN APPROVED PC AND TO VERIFY THAT THE ORIGINAL RAMP & LANDING CONSTRUCTION IS CERTIFIED.
3. THIS PC IS ONLY APPLICABLE TO EXISTING RAMP & LANDINGS THAT HAVE CLOSED WITH CERTIFICATION BY DSA.
4. THIS PC MODIFIES EXISTING RAMP & LANDINGS TO ADD A 12" HANDRAIL EXTENSION AT THE RAMP TO LANDING TRANSITION AND TO CORRECT 34" MIN. HANDRAIL HEIGHT.
5. DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE SHALL VERIFY BY APPROPRIATE MEANS, SUBJECT TO DSA APPROVAL, AND SUBMIT A STAMPED AND SIGNED LETTER CERTIFYING THAT THE BUILDING CONFORMS TO THE ORIGINALLY APPROVED PLANS AND SPECIFICATIONS AND HAS NOT SUFFERED STRUCTURAL DETERIORATION, INCLUDING BUT NOT LIMITED TO RUST, DRY ROT, TERMITE DAMAGE, ETC. OR HAS BEEN STRUCTURALLY ALTERED.
6. NOTE TO PLAN REVIEWER FOR PARTICULAR PROJECT SITE APPLICATION USE OF THESE DRAWINGS.
 - a. VERIFY ADDITIONAL STOCKPILE DRAWINGS ARE PROVIDED FOR THE RELOCATED RAMP AND HANDRAIL.
 - b. VERIFY THAT THE SPECIFIED A# FOR THE STOCKPILE DRAWING(S) ACCOMPANYING THIS ALTERATION TO STOCKPILE SET OF DRAWINGS FOR THE PARTICULAR PROJECT SITE APPLICATION HAVE BEEN CERTIFIED.
 - c. VERIFY THAT RAMP VERTICAL POST MATERIAL DETAILS SHOWN IN ACCOMPANYING A# STOCKPILE DRAWING(S) MEET OR EXCEED THOSE SHOWN IN THIS ALTERATION TO STOCKPILE SET OF DRAWINGS.

DSA STATEMENT OF STRUCTURAL TESTS & SPECIAL INSPECTIONS - 2013 CBC

Project Name: _____ DSA File No.: _____
 Application No.: _____
 Date Submitted: _____

IMPORTANT: This form is only a summary list of structural tests and special inspections required for the project. The actual tests and inspections must be performed as detailed on the DSA approved documents. The project inspector is responsible for obtaining independent of all types of construction, including but not limited to, special inspections, the listed on this form such as structural wood framing, high-strength steel, cold-formed steel, formwork, and concrete, etc. per Title 24, Part 9, Chapter 17A.

NOTE: This form is also available for projects submitted for review under the 2007 and 2010 CBC.

INSTRUCTIONS: Check or place check (✓) before any category or subcategory to be tested or inspected. Tests and special inspections: As "X" before a listed item of inspection indicates that a mandatory requirement is listed below. A checked box indicates a test or special inspection that may be required, depending on the scope of the construction and other factors. A checked box can be checked pending final approval of that test. **NOTE:** A check (✓) in a category or subcategory heading indicates that it can be completed. However, any subcategory you may have checked will be deleted. Check on this form, see DSA-103-REV18.

Note: Multiphase sites to the 2013 edition of the California Building Code (CBC) unless otherwise noted.

TEST FOR SPECIAL INSPECTION

SOILS Table 1708A.3
CONCRETE Table 1708A.3
MASONRY Table 1708A.3
STEEL Table 1708A.4
17. STRUCTURAL STEEL AND COLD-FORMED STEEL USED FOR STRUCTURAL PURPOSES
 Material Verification:
 a. Verify that all materials and components meet the requirements of the applicable code and that all connections between materials meet the requirements of the applicable code.
 b. Verify that all materials and components meet the requirements of the applicable code and that all connections between materials meet the requirements of the applicable code.
 c. Verify that all materials and components meet the requirements of the applicable code and that all connections between materials meet the requirements of the applicable code.
 d. Verify that all materials and components meet the requirements of the applicable code and that all connections between materials meet the requirements of the applicable code.
WELDING:
 Verification of Materials, Equipment, Welders, etc.
 a. Verify that all materials and components meet the requirements of the applicable code and that all connections between materials meet the requirements of the applicable code.
 b. Verify that all materials and components meet the requirements of the applicable code and that all connections between materials meet the requirements of the applicable code.
WOOD
OTHER

KEY TO COMMENTS:
 Type: _____
 Condition: indicates that a condition special inspection is required.
 Material: indicates that a material special inspection is required.
 Weld: indicates that a weld special inspection is required.
 Steel: indicates that a steel special inspection is required.

COMPILE PREPARE

IDENTIFICATION STAMP:
 DIV OF THE STATE ARCHITECT
 APP # _____
 AC: WA FLS: WA SS: _____
 DATE: _____

APPROVED STOCKPILE A NUMBERS APPLICABLE TO THIS PC PLAN

Manufacturer	A No.	Manufacturer	A No.	Manufacturer	A No.
AM	A01101536	AM	A59704	EN	A02110147
AM	A02102277	AM	A61254	EN	A02110149
AM	A02102277	AM	A62111	EN	A02110249
AM	A02102277	AM	A62118	EN	A02110249
AM	A02102728	AM	A64301	EN	A02110718
AM	A02102992	AM	A65821	EN	A02110718
AM	A02101029	AM	A69217	EN	A59785
AM	A02101106	AM	A69866	EN	A53749
AM	A02101284	AMSI	A68218	EN	A65386
AM	A02101285	AU	A03107543	MB	A04101905
AM	A02103021	AU	A04101310	MB	A04102291
AM	A02102043	AU	A04101592	MB	A04103266
AM	A02102798	AU	A04103339	MB	A04103407
AM	A02103575	AU	A04105437	MB	A04103554
AM	A02103575	AU	A04105946	MB	A04103659
AM	A02103909	AU	A04106096	MB	A04104262
AM	A02103810	AU	A04106097	MB	A04104492
AM	A02104419	AU	A04106617	MB	A04104623
AM	A02104420	AU	A100408	MB	A04104624
AM	A02104636	AU	A55943	MB	A04105527
AM	A02104636	AU	A58433	MB	A04105913
AM	A02105185	AU	A58551	MB	A04106102
AM	A02105634	AU	A58628	MB	A04106168
AM	A02105655	AU	A61228	MB	A04106292
AM	A02105887	AU	A62078	MB	A04106466
AM	A02105886	AU	A62105	MB	A04106467
AM	A02106048	AU	A63693	MB	A04106743
AM	A02106165	AU	A63817	MB	A04107100
AM	A02106184	AU	A64839	MB	A04107176
AM	A02106214	AU	A65301	MB	A04107207
AM	A02106215	AU	A65501	MB	A04107300
AM	A02106239	AU	A67425	MB	A04107351
AM	A02106239	AU	A67426	MB	A04109450
AM	A02106328	EN	A101926	SI	A04108525
AM	A02106373	EN	A52144	SI	A04108729
AM	A02106373	EN	AC1102792	SI	A04108760
AM	A02106499	EN	AC1102793	SI	A04108943
AM	A02106788	EN	AC1102794	SI	A04108944
AM	A02106945	EN	AC1102795	SI	A04109460
AM	A02106949	EN	AC1102796	SI	A04109518
AM	A02107007	EN	AC1102797	SI	A04109615
AM	A02107120	EN	AC1102798	SI	A04109640
AM	A02107138	EN	AC1102799	SI	A04109641
AM	A02107162	EN	AC1102800	SI	A04109688
AM	A02107360	EN	AC1102801	SI	A04109752
AM	A02108178	EN	AC1102802	SI	A04109754
AM	A02108179	EN	AC1102803	SI	A04110055
AM	A02108934	EN	AC1102804	SI	A04110142
AM	A02109934	EN	AC1102805	SI	A04110549
AM	A02110035	EN	AC1102806	SI	A04110549
AM	A54164	EN	AC1102807	SI	A04110811
AM	A54992	EN	AC1102808	SI	A04111152
AM	A55946	EN	AC1102809	SI	A04111152
AM	A55969	EN	AC1102810	SI	A04111152
AM	A58499	EN	AC1102811	SI	A04111152
AM	A58499	EN	AC1102812	SI	A04111152

AM = American Modular Systems AU = Aurora Modular MB = Modular Structures Int'l SI = Silver Creek
 AMSI = American Modular Structures EN = Enviroplex MT = ModTech WS = Walden Structures

"CONSTRUCTION OF" AND "STOCKPILE OF" EXAMPLE DSA 103 FORM
 (DSA 103 FORM NOT REQUIRED FOR RELOCATION OF EXISTING RAMP & LANDING)

THE EXAMPLE FORM DSA-103 SHOWN ON THIS SHEET IS FOR ILLUSTRATION PURPOSES ONLY TO ASSIST IN THE COMPLETION OF FUTURE PROJECT-SPECIFIC FORM DSA-103'S. A FORM DSA-103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND THE EXAMPLE FORM DSA-103 IS TO BE CROSSED OUT ON THIS DRAWING.

DATE SIGNED: FEB 06 2017

IDENTIFICATION STAMP:
 DIV OF THE STATE ARCHITECT
 APP # _____
 AC: WA FLS: WA SS: _____
 DATE: _____

LICENSE EXPIRES 0-30-18

SITE SPECIFIC APPROVAL

PRE-CHECK (PC) DOCUMENT
 CODE: 2013 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

APPROVAL - PC ENGINEER OF RECORD

DATE SIGNED: OCT 20 2014

LICENSE EXPIRES 0-30-2018

EX
STRUCTURAL ENGINEERS, INC.

4091 RIVERSIDE DRIVE, SUITE 114
 CHINO, CALIFORNIA 91710

MEMBER
 STRUCTURAL ENGINEERS
 ASSOCIATION OF CALIFORNIA

AMERICAN CONCRETE
 INSTITUTE

(909) 813-0234
 Fax (909) 813-0238

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TABLE OF CONTENTS

Sheet No	Description	Dated	Revised
1	COVER SHEET	10 JUN 2014	
2	TYPICAL PLAN, DETAILS & SPECIFICATIONS	10 JUN 2014	
3	OPTIONAL RAMP & LANDINGS PLANS	10 JUN 2014	

REVISIONS

NO.	DESCRIPTION	DATE

MOBILE MODULAR MANAGEMENT
 11450 MISSION BLVD.
 MIRA LOMA, CA 91752

HANDRAIL EXTENSION OPTION
 2013 CALIFORNIA BUILDING CODE
 RAMP/LANDING MODIFICATIONS FOR
 EXISTING RAMP AND LANDINGS

COVER SHEET

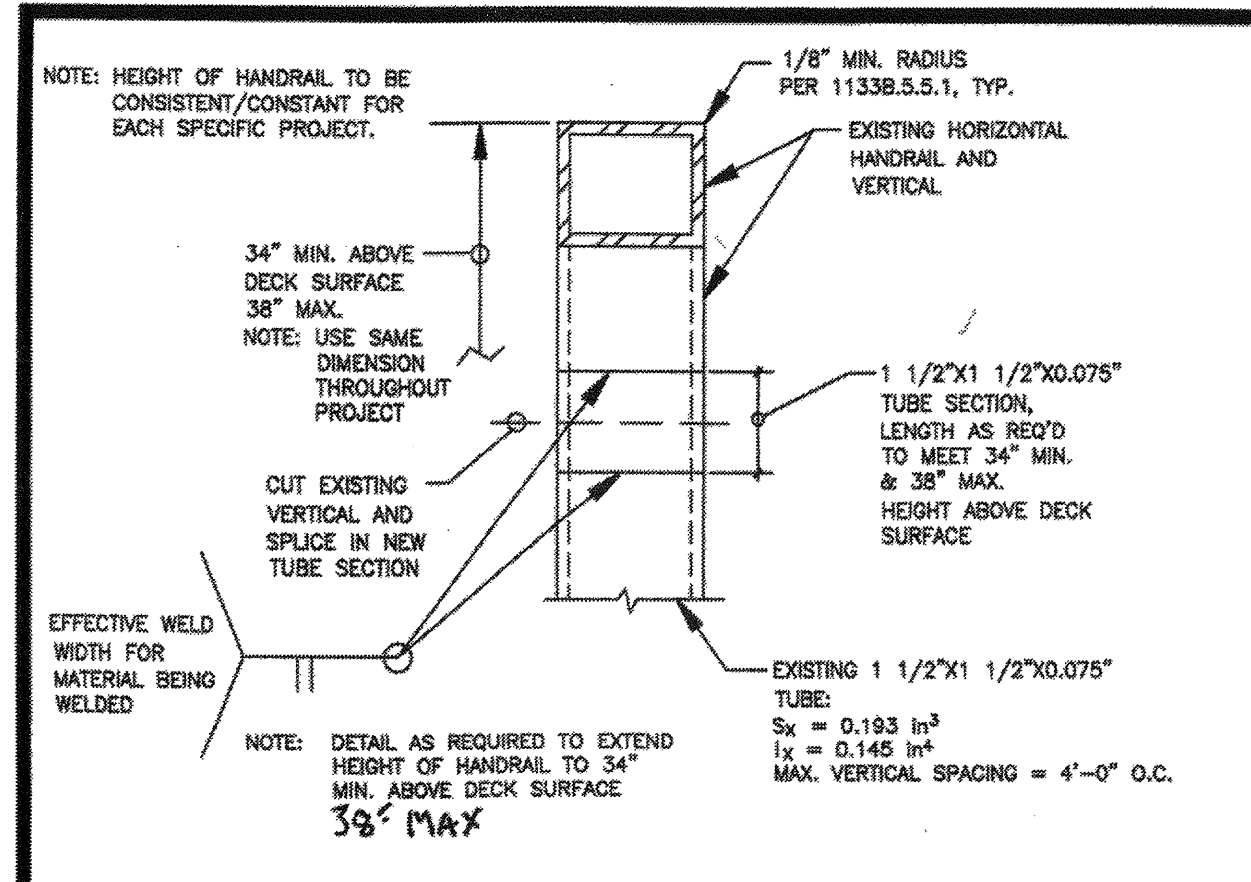
PC 04-113248

DRAWN
 CHECKED
 DATE: 10 JUN 2014
 SCALE:
 JOB NO.:

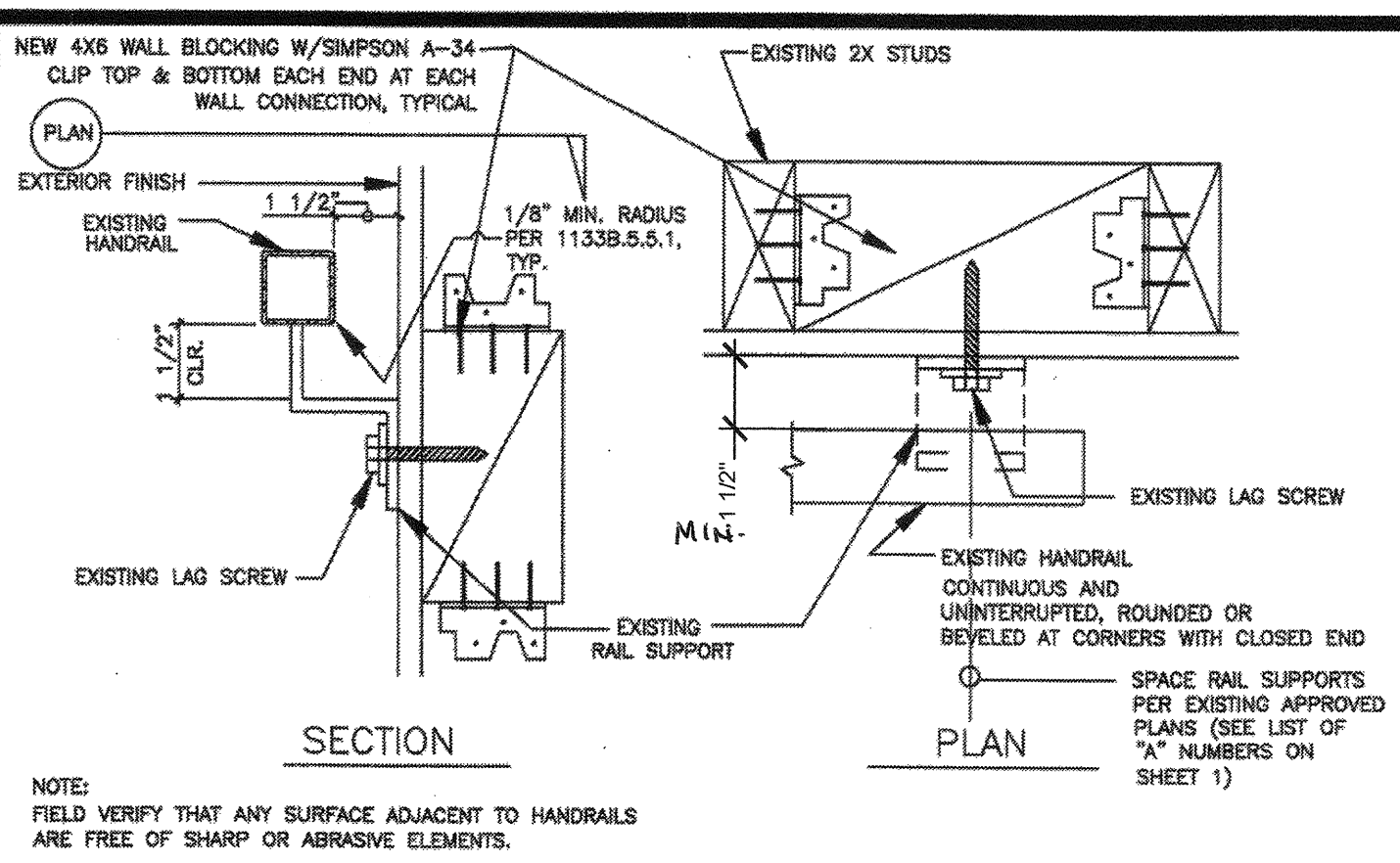
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OF 3 SHEETS

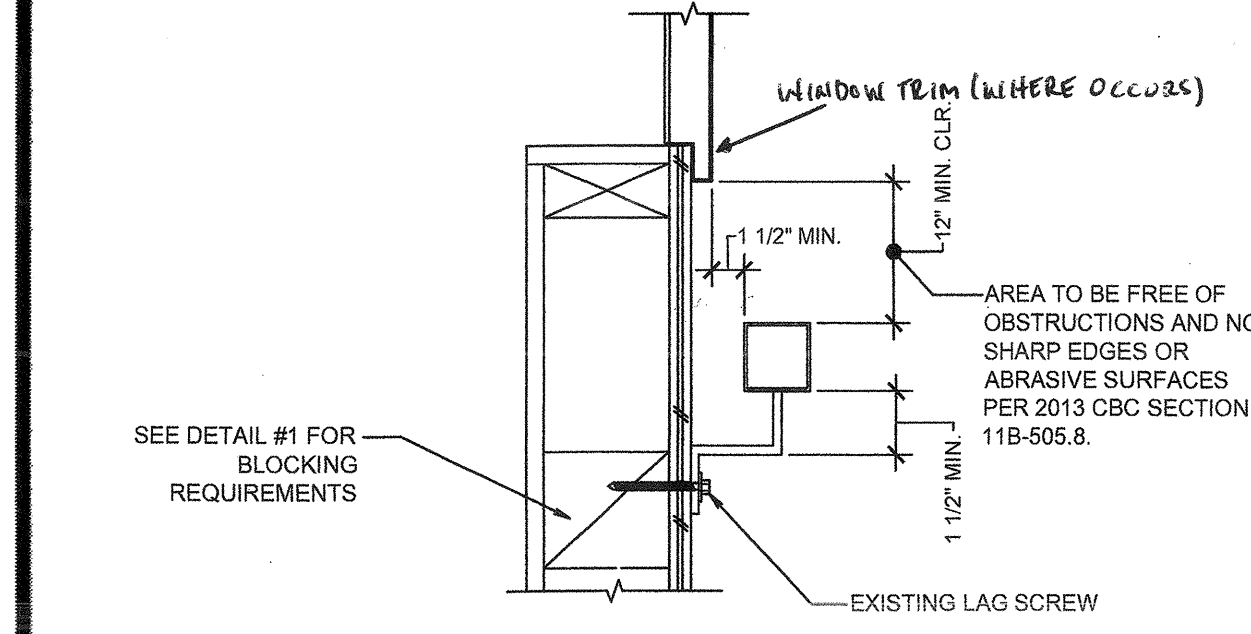
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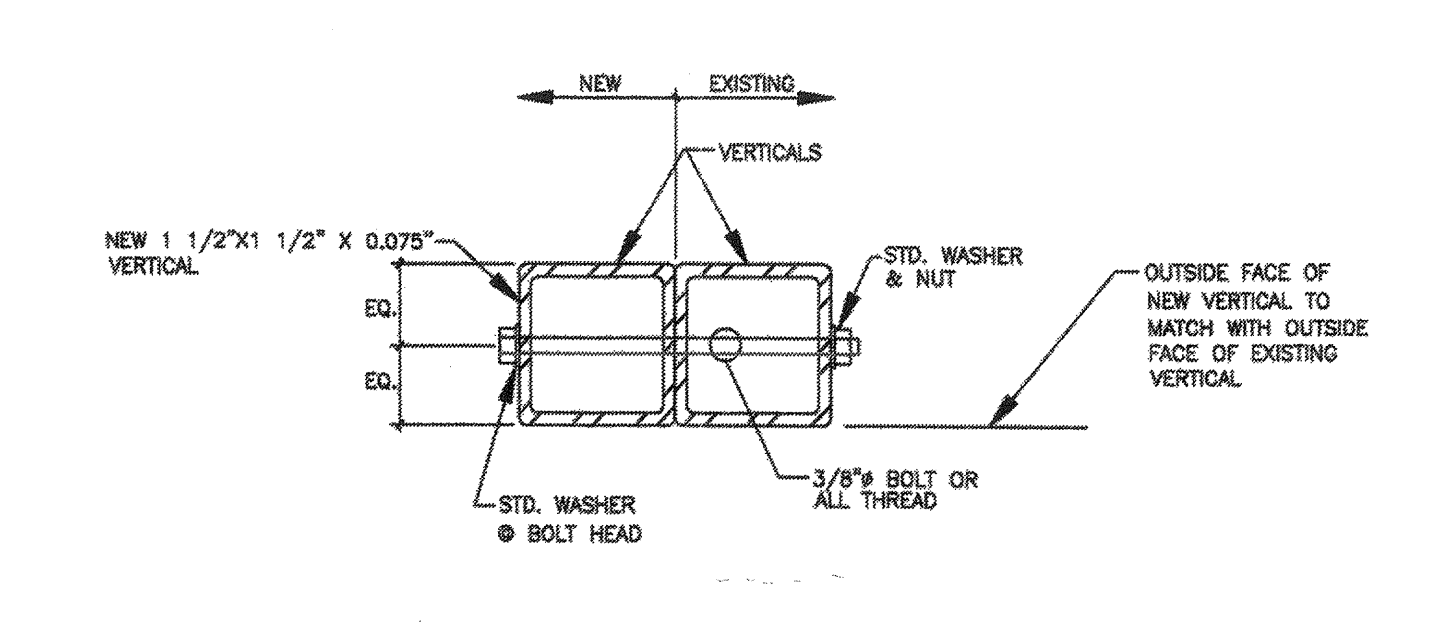
NEW EXTENSION OF EXISTING VERTICALS SCALE: 1/2"=1'-0" 2



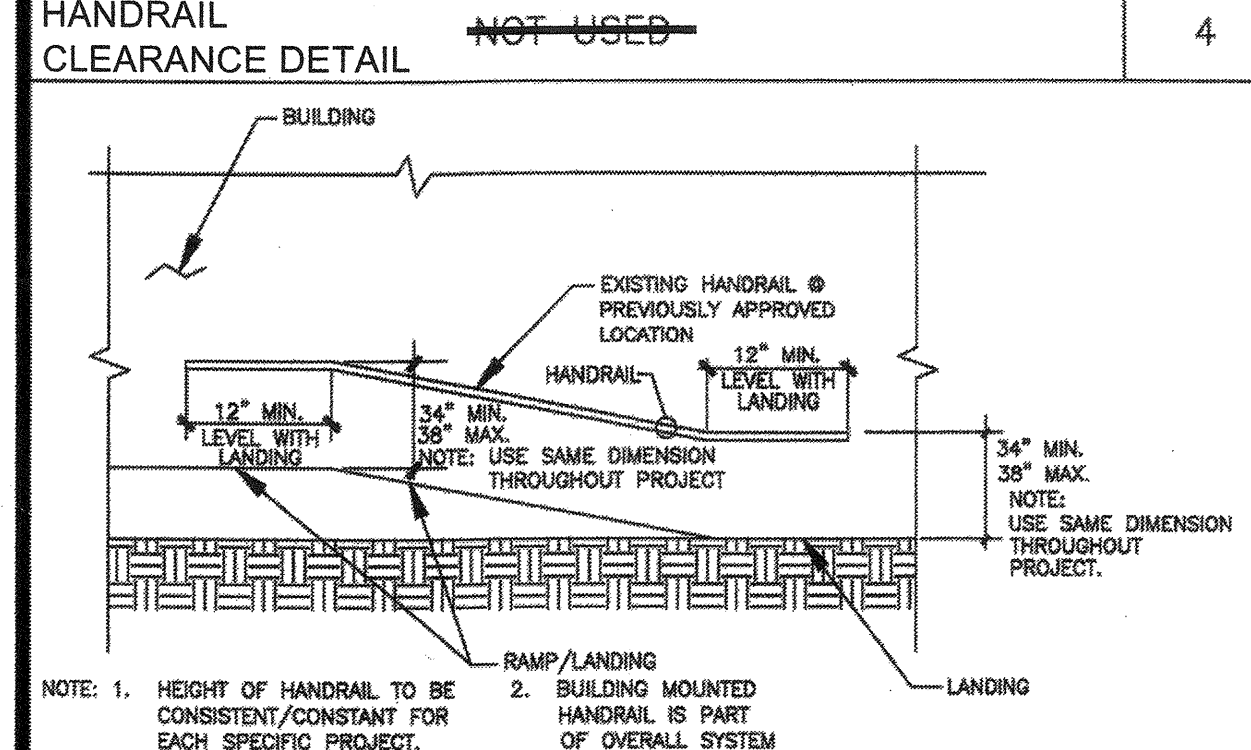
NEW HANDRAIL CONNECTION AT WOOD BLOCKING AS REQUIRED - FIELD VERIFY IF NEEDED SCALE: 3/4"=1'-0" 1



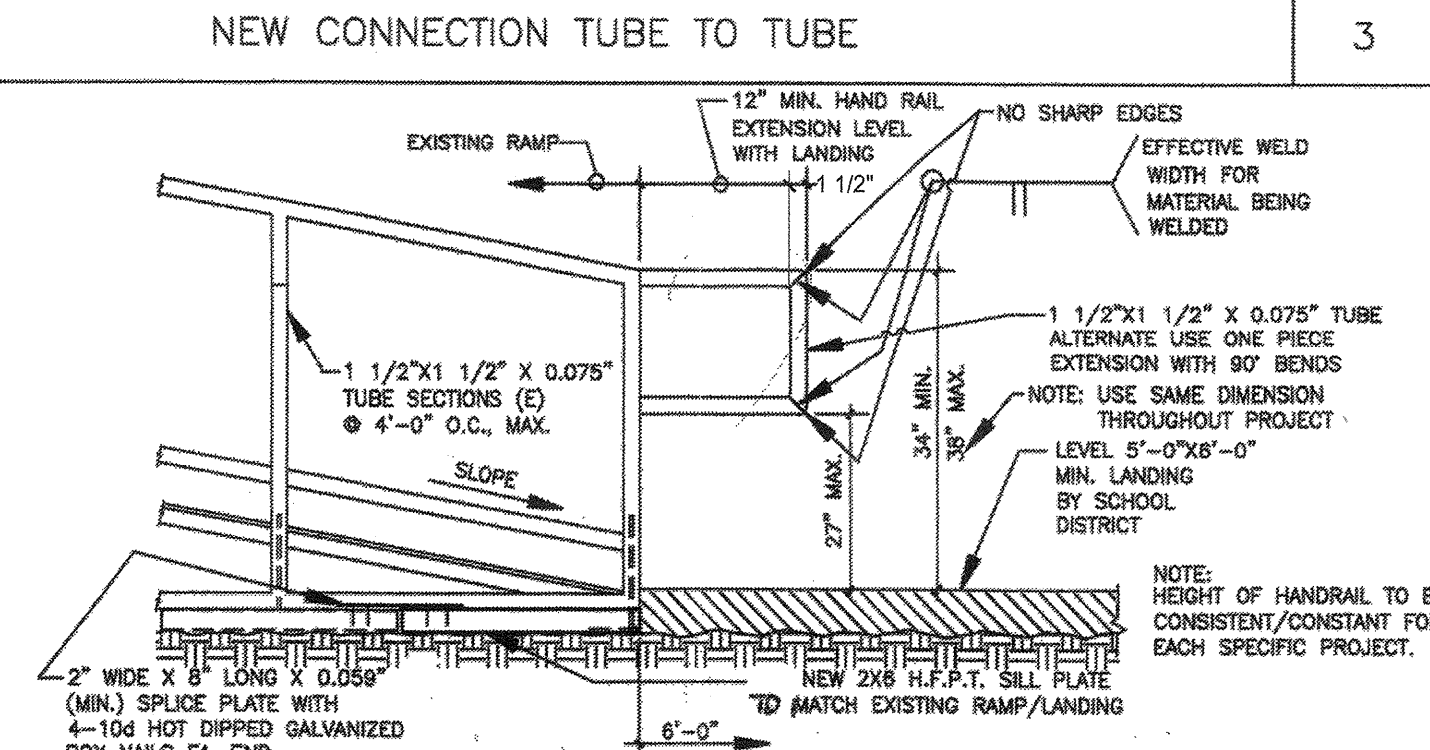
HANDRAIL CLEARANCE DETAIL NOT USED 4



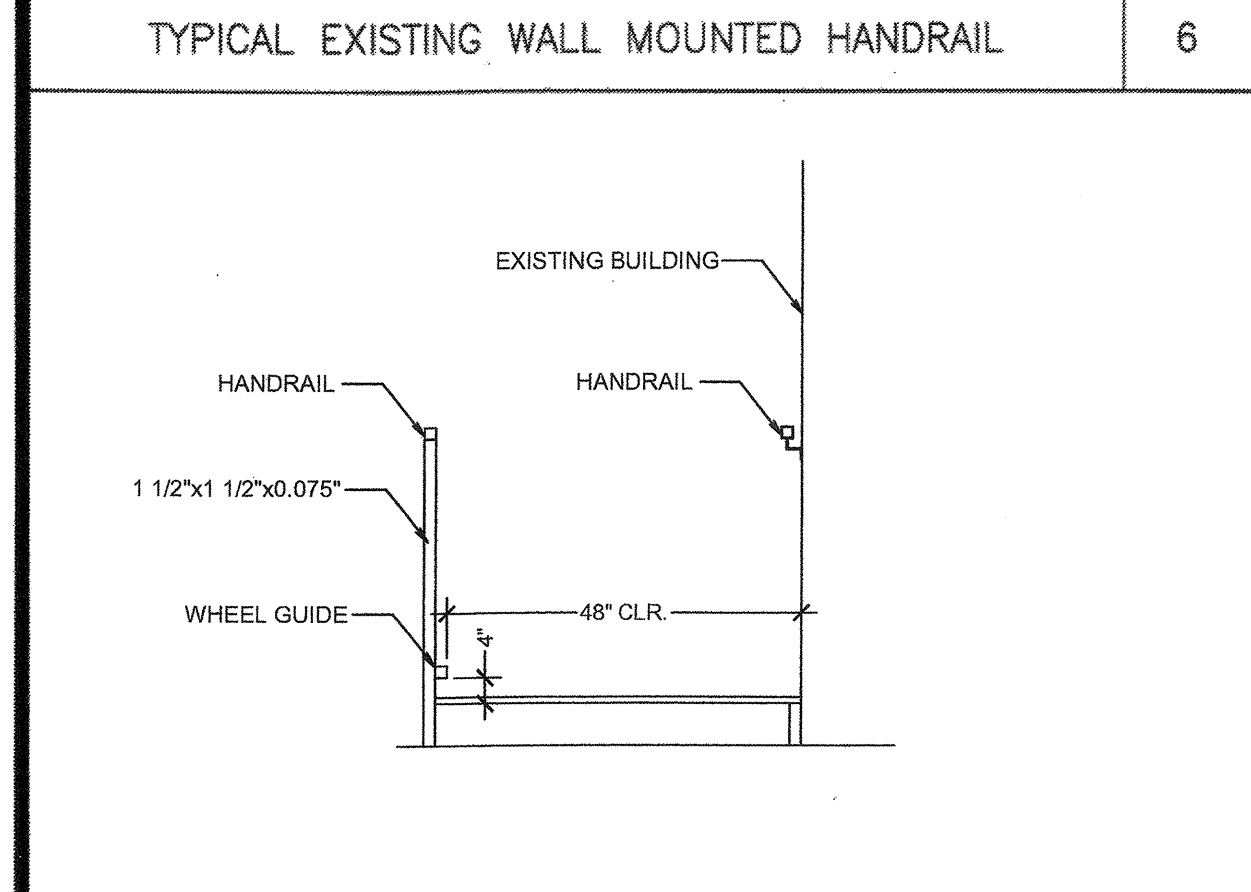
NEW CONNECTION TUBE TO TUBE 3



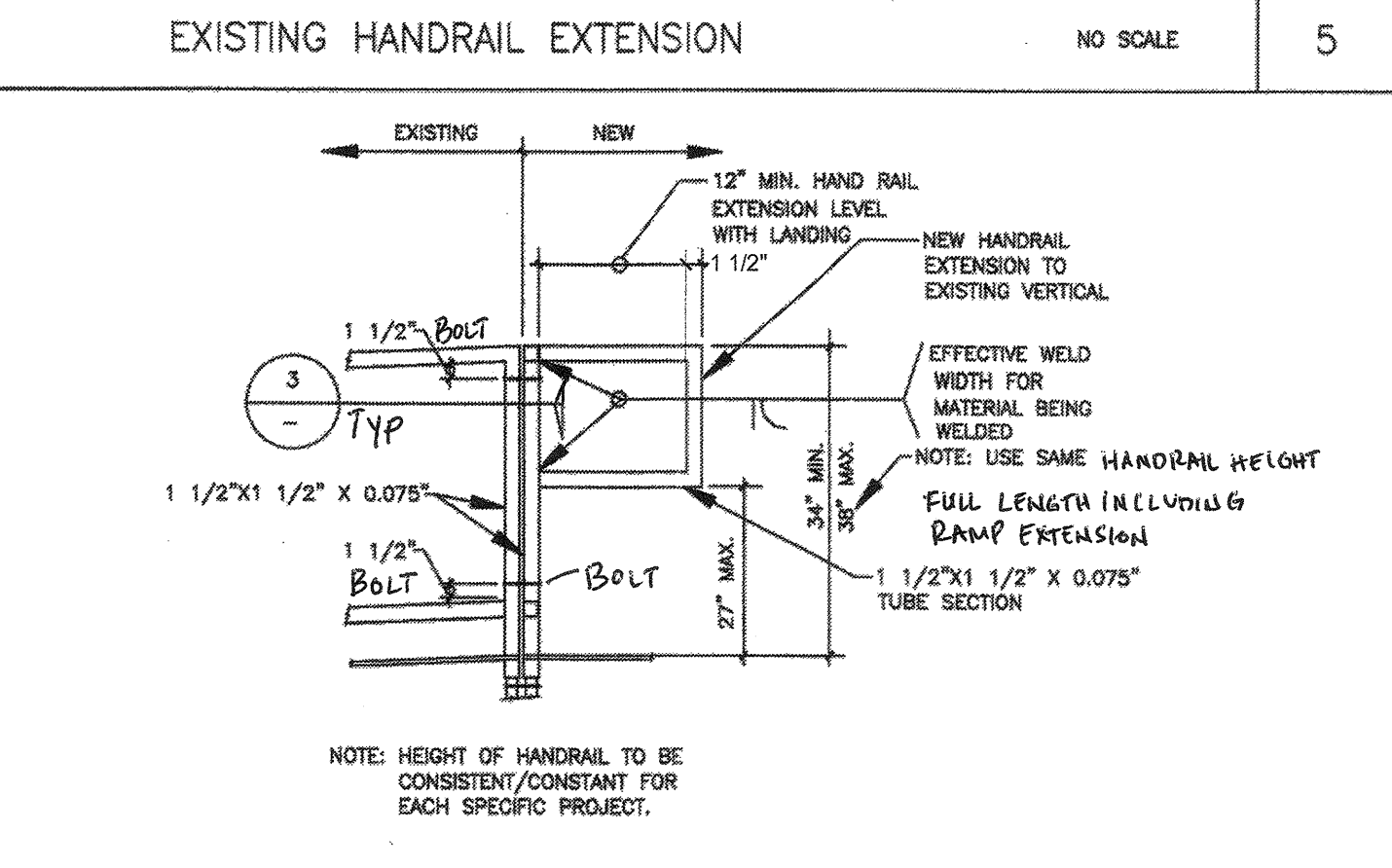
TYPICAL EXISTING WALL MOUNTED HANDRAIL 6



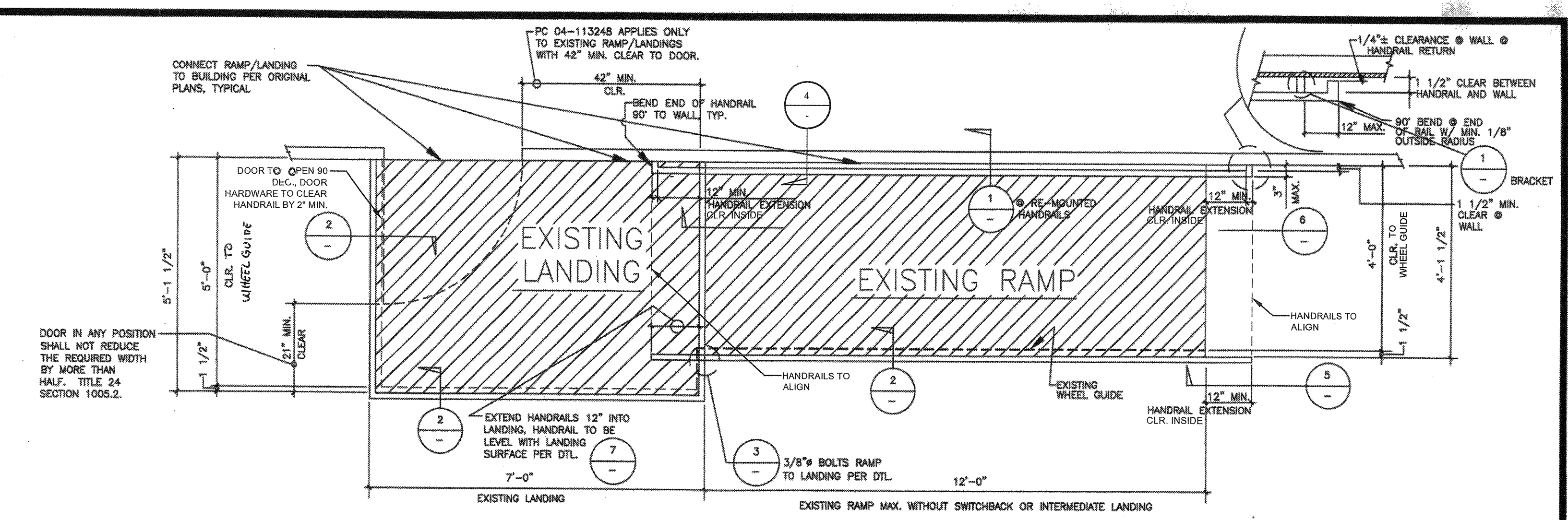
EXISTING HANDRAIL EXTENSION NO SCALE 5



WHEEL GUIDE DETAIL NOT USED 5A



NEW 12\"/>



RAMP/LANDING PLAN - SEE SHEET 1 FOR LIST OF DSA APPLICATION/PC NUMBERS THIS PLAN APPLIES TOO SCALE: 1/2"=1'-0"

NOTES:
 CODES:
 2012 INTERNATIONAL BUILDING CODE (IBC)/2013 CALIFORNIA BUILDING CODE (CBC)
 DESIGN LOADS:
 RAMP LIVE LOAD: 100 PSF
 WIND LOAD: 110 MPH EXPOSURE "D", $K_{zt} = 1.0$
 WIND PER ASCE 7-10 CHAPTER 26, STRUCTURAL CATEGORY II
 SEISMIC:
 $S_s = 2.25$
 $S_1 = 1.24$
 $S_0.5 = 1.90$
 $S_0 = 1.24$
 $F_a = 1.0$
 $F_v = 1.5$
 $I = 1.0$
 $R = 3.5$
 MATERIAL SPECIFICATIONS:
 STEEL: TYPICAL TUBE STEEL ASTM A500 GRADE A ($F_y = 36$ KSI) FOR SHAPED TUBING & $F_y = 33$ KSI FOR ROUND TUBING
 TUBE STEEL FOR HANDRAIL POSTS SHALL CONFORM TO ASTM A500 GRADE A ALL STEEL TO BE COATED WITH A RUST INHIBITIVE COATING
 STEEL PLATE ASTM A36
 BOLTS: ASTM A307 (GALVANIZED)
 WELDS: ALL WELDING SHALL CONFORM TO "AMERICAN WELDING SOCIETY D-1.3-08 FOR SHEET STEEL"
 ELECTRODES SHALL BE E70XX.
 GENERAL NOTES:
 1) RAMP HAVING SLOPES STEEPER THAN 1 VERTICAL TO 20 HORIZONTAL SHALL HAVE LANDINGS AT TOP AND BOTTOM AND AT LEAST ONE INTERMEDIATE LANDING SHALL BE PROVIDED FOR EACH 30' OF RISE, PER CBC 11B-405.7.
 2) LOCATION OF LANDINGS.
 LANDINGS SHALL BE PROVIDED AT TOP AND BOTTOM OF EACH RAMP. INTERMEDIATE LANDINGS SHALL BE PROVIDED AT INTERVALS NOT EXCEEDING 30 INCHES OF VERTICAL RISE AND AT EACH CHANGE OF DIRECTION. LANDINGS ARE NOT CONSIDERED IN DETERMINING THE MAXIMUM HORIZONTAL DISTANCE OF EACH RAMP.
 NOTE: EXAMPLES OF RAMP DIMENSIONS ARE:

SLOPE	MAX. RISE (INCHES)	MAX. HORIZONTAL PROJECTION
1:12	30	30'-0"
1:16	30	40'-0"
1:20	30	50'-0"
1:15	30	37'-6"

 3) DOORS IN ANY POSITION SHALL NOT REDUCE THE MINIMUM DIMENSION OF THE LANDING TO LESS THAN 42" AND SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN 3" WHEN FULLY OPENED, CBC 11B-405.7.5.
 4) THE SURFACE OF RAMP SHALL BE ROUGHED OR SHALL BE OF SLIP-RESISTANT MATERIAL, TYP. PER CBC 11B-405.7.
 5) RAMP REQUIREMENTS SHALL BE PER CBC 11B-405.
 6) RAMP AND STAIRWAYS USED AS EXIT SHALL CONFORM TO CBC SEC. 1009 SEC. 1010, CHAPTER 11B AND 11B-405.5.
 7) HANDRAILS AND GUARDRAILS SHALL CONFORM TO CBC 11B-405.8 (RAMP), 11B-504 (STAIRS).
 8) LANDING WIDTH. AT BOTTOM AND INTERMEDIATE LANDINGS, THE WIDTH SHALL BE AT LEAST THE SAME AS REQUIRED FOR RAMP, CBC 11B-405.7A.
 9) THE WIDTH OF RAMP SHALL BE AS REQUIRED PER STAIRWAYS AND EXITS. 11B-405.5.
 10) SLOPE RAMP AND LANDINGS AS REQUIRED TO PREVENT ACCUMULATION OF WATER ON WALKING SURFACES.
 11) ALL WORK SHALL CONFORM TO TITLE 24 CALIFORNIA CODE OF REGULATIONS (CCR).
 12) CHANGES TO APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR CONSTRUCTION CHANGES APPROVED BY THE DIVISION OF THE STATE ARCHITECT AS REQUIRED BY SECTION 4-338, PART 1 TITLE 24, CCR.
 13) A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4.342 PART 1 TITLE 24, CCR.
 IN PLANT: SHOP WELDING INSPECTION AND MATERIAL VERIFICATION
 SITE CONSTRUCTION: CLASS 4
 DSA NOTES:
 1. COMPLIANCE WITH TITLE 24 FOR PARTS 1-6 & 9.
 * NOTE: DSA DOES NOT ENFORCE PART 7 (OSHA) FOR ELEVATORS.
 2. TITLE 24 PARTS 1-5 MUST BE KEPT ON SITE DURING CONSTRUCTION.
 3. ADDENDUM MUST BE SIGNED BY ARCHITECT AND APPROVED BY DSA.
 4. SUBSTITUTIONS AFFECTING ACS, FLS AND SS SHALL BE CONSIDERED AS A CONSTRUCTION CHANGE AND SHALL BE APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION.
 * SUBSTITUTIONS SHALL BE FOR ANY MATERIAL, SYSTEM OR PRODUCT THAT WOULD OTHERWISE BE REVIEWABLE DURING ROUTINE PLAN CHECK BY DSA - SSS, FLS, ACS OR ENERGY.
 5. CONSTRUCTION CHANGES COD'S MUST BE SIGNED BY ALL THE FOLLOWING:
 * A/E OF RECORD
 * OWNER (CONSTRUCTION CHANGES)
 * STRUCTURAL ENGINEER (WHEN APPLICABLE)
 * DELEGATED PROFESSIONAL ENGINEER (WHEN APPLICABLE)
 * DSA
 6. A NOTE THAT THE PROJECT INSPECTOR MUST BE EMPLOYED BY THE OWNER AND APPROVED BY ALL OF THE FOLLOWING:
 * A/E OF RECORD
 * DSA
 7. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE DSA APPROVED DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CONSTRUCTION CHANGE DOCUMENT OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK.

DATE SIGNED
 FEB 06 2017

DATE SIGNED
 OCT 20 2014

SITE SPECIFIC APPROVAL

DSA PC STAMP
 PRE-CHECK (PC) DOCUMENT
 CODE: 2013 CBC
 A SEPARATE PROJECT APPLICATION
 FOR CONSTRUCTION IS REQUIRED.

APPROVAL - PC ENGINEER OF RECORD

EXL
 STRUCTURAL ENGINEERS, INC.
 4081 INVERSEE DRIVE, SUITE 114
 CHINO, CALIFORNIA 91710
 (909) 413-0224
 FAX(909) 413-0226

MEMBER
 STRUCTURAL ENGINEERS
 ASSOCIATION OF CALIFORNIA
 AMERICAN CONCRETE
 INSTITUTE
 (909) 413-0224
 FAX(909) 413-0226

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 115348
 AGS FLS SS DN
 DATE 2/17/2017

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APPROX 1 199 96
 AGS FLS SS DN
 DATE JUL 0 3 2019

DATE SIGNED
 OCT 20 2014

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REVISIONS	BY

MOBILE MODULAR
 MANAGEMENT
 CORPORATION
 11450 MISSION BLVD.
 MIRA LOMA, CA 91752

HANDRAIL EXTENSION OPTION
 2013 CALIFORNIA BUILDING CODE
 RAMP/LANDING MODIFICATIONS FOR
 EXISTING RAMP AND LANDINGS

TYPICAL PLAN, DETAILS &
 SPECIFICATIONS

PC - 113248

DRAWN
CHECKED
DATE 10 JUN 2014
SCALE
JOB NO.
A.02
OF 3 SHEETS



24 X 60 RELOCATABLE CLASSROOMS MOBILE MODULAR MANAGEMENT

TEST AND INSPECTION LIST

TESTING LABORATORY: _____ DATE: _____ STATE OF CALIFORNIA
 NAME: STOCKPILE FOR SIX 24x60 CLASSROOM DEPT. OF GENERAL SERVICES
 DISTRICT/OWNER: MOBILE MODULAR MANAGEMENT DIVISION OF THE
 DIVISION-FILE NO. 39-0 APPLICATION NO. _____ STATE ARCHITECT
 ARCHITECT: JOHN LAWDER STRUCTURAL TESTS
 STRUCTURAL ENGINEER: _____ AND
 ORS 103-1 (R 11/85) INSPECTIONS

The following tests and inspections, as checked, will be required or detailed in applicable specifications.

COMPACTED FILL	CONCRETE	GUNITE	GROUT/MORTAR
<input type="checkbox"/> Fill materials acceptance tests			Test of aggregates for mix design only
<input type="checkbox"/> Compaction control, verification			Suitability tests of aggregates as detailed below
<input type="checkbox"/> Compaction tests only on exterior			Moisture content
<input type="checkbox"/> Bearing capacity of compacted fill			Compressive strength tests
REINFORCING STEEL			
<input checked="" type="checkbox"/> Samples and test bar steel			Samples
<input type="checkbox"/> Samples and test mesh	<input checked="" type="checkbox"/>		Compressive tests
<input type="checkbox"/> Insured samples as job			Test as specified at job
STRUCTURAL STEEL			
<input checked="" type="checkbox"/> Samples and test as detailed below			Samples delivered to laboratory
<input type="checkbox"/> Shop fabrication inspection			Other sample forms to jobsite
<input type="checkbox"/> Field erection inspection			Sample and test permit
<input checked="" type="checkbox"/> Inspection of welds - Shop			
<input type="checkbox"/> Inspection of welds - Field			
<input type="checkbox"/> Inspection of riveting or bolting - Shop			
<input type="checkbox"/> Inspection of riveting or bolting - Field			
<input type="checkbox"/> Samples and test high strength bolts and washers			
<input type="checkbox"/> Reversible tests			
<input type="checkbox"/> Vibration shoring			
BRICK AND BLOCK			
<input type="checkbox"/> Samples and test			
<input type="checkbox"/> Test core			
<input type="checkbox"/> Inspection of blocks			
<input type="checkbox"/> Core drill samples			
GLUED LAMINATED STRUCTURAL LUMBER			
<input type="checkbox"/> Fabrication inspection			
<input type="checkbox"/> Samples and test steel connections			
<input type="checkbox"/> Insured inspection of steel connections			

List of structural steel members to be tested:
 3 1/2" x 3 1/2" x 1/4" SQ. COL. & 4"x4"x1/4 T.S. TESTING MAY BE WAIVED IF STEEL HAS BEEN PROPERLY IDENTIFIED BY MPF'S MILL ANALYSIS AND TEST REPORTS PER TITLE 24, C.C.R., SECTION 2231.A.1
 6 7/8" X 14 GA. FLOOR JOISTS 6" x 14 ga. ROOF JOIST 3 1/2"x10 ga. ALT. ROOF JOIST
 6 7/8" x 12 ga. ALT. FLOOR JOIST 4" x 12 ga. ROOF JOIST 2"x16 ga. STRAPS
 WS X 16 ALT. FLOOR JOIST 3"x18 ga. ALT. STRAPS

Other Tests and Inspections, together with special instructions:
 GROUNDING TEST
 EXPANSION ANCHORS

Copies of Reports to:
 OSA/ORS
 AMERICAN MODULAR SYSTEMS, INC.
 SCHOOL DISTRICT
 ARCHITECT

By: _____ AUTHORIZED REPRESENTATIVE

NOTE:
 THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS AND ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER, NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT THE WRITTEN AUTHORIZATION OF AMERICAN MODULAR SYSTEMS.

INDEX

SHEET No.	DESCRIPTION
TS-1	TITLE & BUILDING DATA NOTES
N-1	GENERAL NOTES AND SPECIFICATIONS
1	FLOOR PLAN & NOTES
2	EXTERIOR ELEVATIONS
3	CEILING GRID, DETAILS AND NOTES
4	INTERIOR ELEVATIONS AND OPTIONS
S1E	WOOD FOUNDATION PLAN & DETAILS 50 PSF FLOOR LIVE LOAD PLUS 20 PSF PARTITION LOAD
S2	FLOOR FRAMING PLAN AND DETAILS PLYWOOD FLOOR
S2B	BUILDING SECTIONS & WALL DETAILS
S3	ROOF FRAMING PLANS
S3A	ROOF FRAMING DETAILS
S3B	ROOF SECTIONS & DETAILS
S4	WALL FRAMING ELEVATIONS AND DETAILS
S5R	RAMP PLAN, ELEVATIONS AND DETAILS
M1	MECHANICAL PLAN & NOTES
M2	ENERGY MANDATORY MEASURES
E1	ELECTRICAL PLAN & NOTES

BUILDING DATA CLASSROOMS #779 THRU #784

OCCUPANCY	E-1/ B	B OCCUPANCY USES TO MEET THE REQUIREMENTS OF CBC TABLE 3-A AND CBC TABLE 5-A	NOT APPROVED FOR A2.1 OCCUPANCY USES
TYPE OF CONSTRUCTION	V - NON-RATED		
WIND LOAD (80 MPH EXPOSURE C)	21 LBS./SQ. FT.		
FLOOR LIVE LOAD	50 LBS. + 20 LBS./SQ FT		
ROOF LIVE LOAD	20 LBS/SQ FT (REDUCIBLE)		
RAMP LIVE LOAD	100 LBS/SQ FT		
BUILDING AREA	1440 SQ FT		
CLIMATE ZONE	1-16		

- 2001 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)
- 2001 CALIFORNIA BUILDING CODE, VOLUMES 1, 2 AND 3 (PART 2, TITLE 24, CCR) (1997 EDITION UNIFORM BUILDING CODE WITH CALIFORNIA AMENDMENTS)
- 2004 CALIFORNIA ELECTRICAL CODE (PART 3, TITLE 24, CCR)
- 2002 EDITION NATIONAL ELECTRICAL CODE WITH CALIFORNIA AMENDMENTS)
- 2001 CALIFORNIA MECHANICAL CODE (PART 4, TITLE 24, CCR) (2000 EDITION UNIFORM MECHANICAL CODE WITH CALIFORNIA AMENDMENTS)
- 2001 CALIFORNIA PLUMBING CODE (PART 5, TITLE 24, CCR) (2000 EDITION UNIFORM PLUMBING CODE WITH CALIFORNIA AMENDMENTS)
- 2008 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)
- 2001 CALIFORNIA ELEVATOR SAFETY CONSTRUCTION CODE (PART 7, TITLE 24, CCR)
- 2001 CALIFORNIA FIRE CODE (PART 9, TITLE 24, CCR)
- 2001 CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24, CCR)
- NFPA 13, 1999 EDITION, THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS, AS AMENDED
- NFPA 14, 2000 EDITION, INSTALLATION OF STANDPIPE, PRIVATE HYDRANT AND HOSE SYSTEMS
- NFPA 24, 1995 EDITION, INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES
- NFPA 72, 1999 EDITION, NATIONAL FIRE ALARM CODE, AS AMENDED

MODULES	MOMENT-RESISTANT EXPOSED STEEL (MULTI.) 12' X 60' MODULES
SYSTEM	
FOUNDATION	PRESSURE TREATED WOOD
SEISMIC	ZONE 4 SEISMIC SOURCE A DISTANCE FROM SEISMIC SOURCE ≤ 2 KM SOIL TYPE S

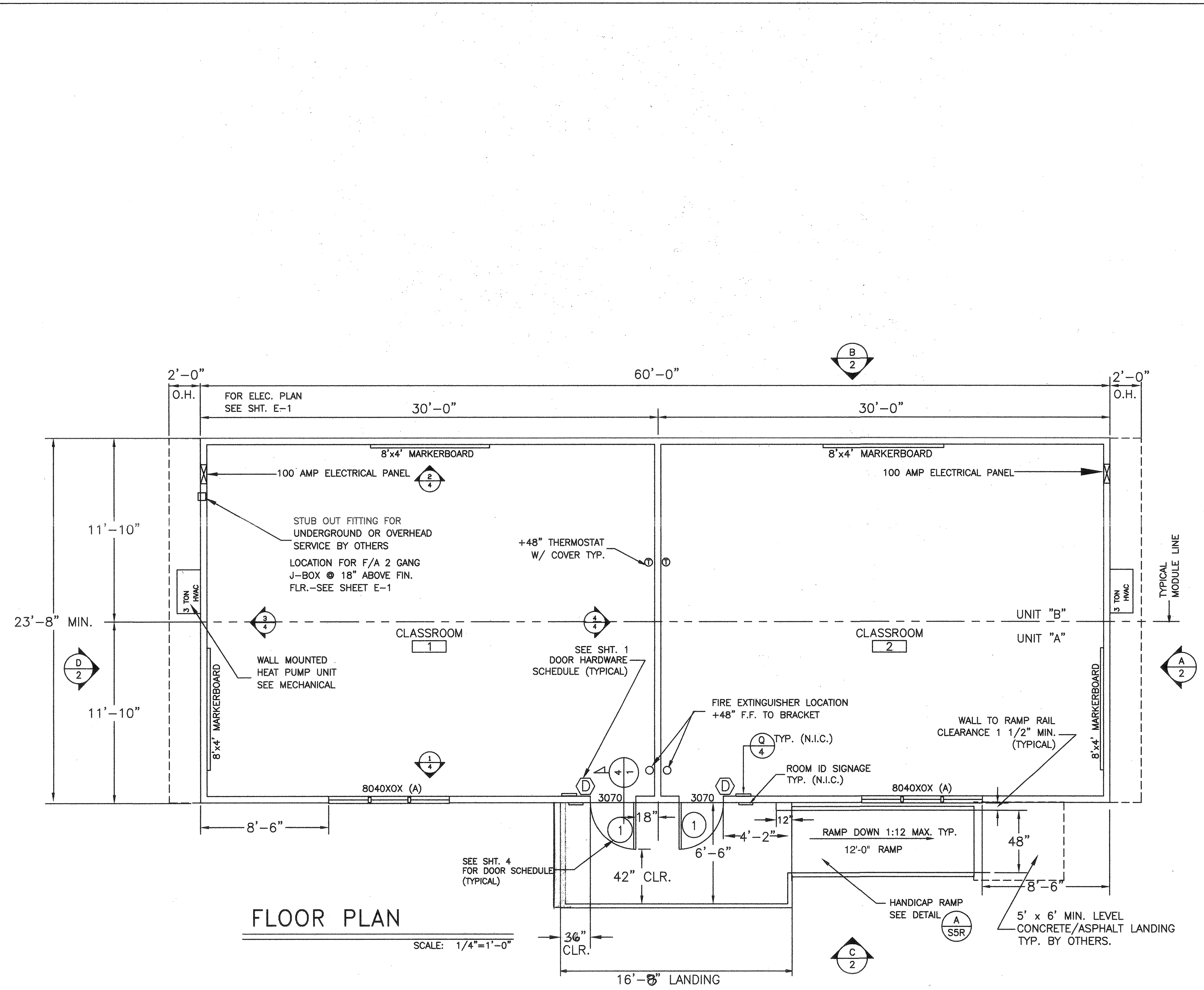
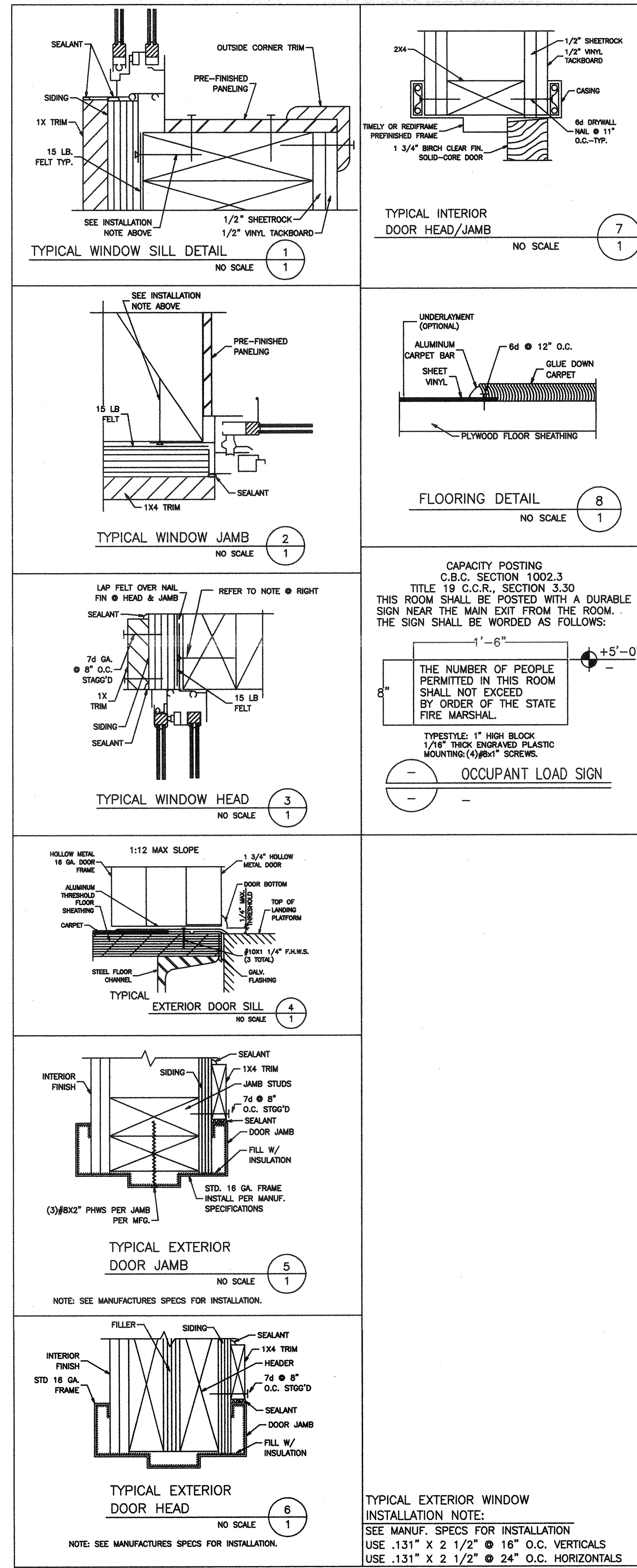


IDENTIFICATION STAMP
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 APPROX 1189 06
 AC 24 FLS 3535 JH
 DATE JUL 03 2019
 CBC 2001

FILE NO. 39-0
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 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 02-108178
 AC 24 FLS 3535 JH
 DATE JUN 15 2006

JOB NO.
 DATE: JUNE 1, 2006
 SHEET NUMBER
 TS-1
 BINDING ORDER 1

BASED ON PC# 02-104920



NOTES

INTERIOR

- Floor: Carpets - Units shall be carpeted as indicated on floor plan with direct glue down type per State of California Specification 7220-XXXX-01, Group 1, Type A, Class 26. Color will be selected by Architect after award of bid. The carpet density shall be 4600 minimum. Pile yarn shall be bonded nylon. No cross seams shall be allowed.
- Base: Resilient Cove Base - Best quality, moulded rubber, 1/8" thick, 4" high, moulded top set. Cove: Provide preformed base for square external corners and preformed end stops where base does not abut. Solid color as manufactured by Johnsonite Co., Flexco, or equal. Apply cove to complete perimeter of classroom.
- Interior walls shall be vinyl covered tackboard (u.o.n.) applied in one continuous length from floor to ceiling. The tackboard shall be industrial insulation board manufactured specifically as a substitute for vinyl covered wall panels. The board shall be asphalt free, shall have an ironed-on coating and shall have a minimum density of 18 lbs. per ft. The vinyl coating shall be made of virgin vinyl calendared base color, weighing a minimum of 8 oz. per square yard. The coating backing shall be sheeting or non-woven fabric. The vinyl coating shall be mechanically laminated, with the long edges wrapped, to the tackboard. Tackboard shall be applied over 1/2" sheetrock or plywood sheathing. The vinyl wall covered panel shall have a Class III flame spread rating. The panel shall be approved for classroom use by The California State Fire Marshal. Reference brand: Vinyl covered tackboard as manufactured by Chaffield-Clarke or comparable. Care shall be taken in mounting the tackboard so that the texture of all panels will have the same orientation and color match.
- Ceiling: Suspend T-Bar System, see sheet 3 for details etc. Materials and installation per CBC 2501.4.2 and IR #M-3 inclusive as applicable to classrooms.

FIRE EXTINGUISHER

- Each portable classroom shall be equipped with pressure type fire extinguishers with 2A0BC UL rating. To be mounted on the interior wall of the building near the doorway(s) at a height of 4 feet to mounting bracket. Fire extinguishers shall be totally charged and have a dial indicating the state of charge.

DOORS & WINDOWS

Exterior Doors: Metal Doors - 3'0X6'8 hollow metal door construction of 1 sheet of 18 ga. steel assembled per CS242 min and reinforced. (Reinforce both faces for closure). Hardware reinforcement shall be 10 ga. min for hinges. Door frames shall be 16 ga. pressed steel frame ASTM A366 & CS242. Hardware reinforcement shall be 10 ga. plate. Frames shall be designed with integral stop and trim. Provide (3) anchors per jamb plus adjustable floor anchor.

Interior Doors: 3'-0" X 7'-0" Birch clear finish solid core door.

Exterior Windows: Provide anodized aluminum frame 5/8" minimum dual pane window units, as shown on floor plan. The 5/8" dimension is the minimum thickness for the dual glazed window panel consisting of two lights of glass and the air space. Glazing material shall be: Exterior Lite - 3/16" minimum tempered glass or laminated as - 1 glass of solar gray glazing reducing type with a light transmission factor of 45% maximum. Interior Lite - 1/8" minimum clear tempered. Minimum air space shall be 1/4".

Space - Bent or sealed corner aluminum with desiccant fill.

Sealer - Butyl primary seal and polysulfide of silicone secondary seal.

Certification - All glazing to be certified in accordance with ASTM E-773, E-774.

Header height shall be the same as the door. All operable sash shall have aluminum screens. Windows shall not be mounted to the exterior drywood surface. All windows shall meet the ANA GS101-88 voluntary spec. For aluminum prime windows and sliding glass (ANSI), commercial grade.

DOOR HARDWARE SCHEDULE

(A)	EXTERIOR DOOR PANIC BAR W/ FULL ON EXTERIOR VON DUPRN 22L230NL
(B)	INTERIOR PASSAGE LOCK SCHLAGE AL10 W/ SATURN LEVER
(C)	INTERIOR PRIVACY LATCH SCHLAGE A605 W/ SATURN LEVER
(D)	EXTERIOR DOOR LOCKSET W/ LEVER HEADS SCHLAGE 670P

Exterior Door:
 (A) Hinges: 3/4" x 1-1/2" x 1-1/2" bolts, 881275 US260, 1-1/2" per each door with set screw & barrel and self bearing design.
 (C) Closure: Norton 8000DA or 8000DF series, LCN 1460 (Set series or equal). (Q) See, note, pressure.
 (D) Weatherstripping: All exterior doors shall be weatherstripped with Pemko 2900, Ultra 9000T, at door jamb and head or equal.
 (E) Threshold: Threshold shall be Pemko 271 AV 5" aluminum with Pemko 216 AV Ultra TR042 door bottom.

MARKERBOARD SPECIFICATIONS

Markerboards shall be 5 mil thick melamine facing sheet suitable to accept dry erase felt markers. The facing sheet shall be laminated, using hot melt adhesive, to a medium density particleboard substrate with a minimum density of 45#/c. ft. The panel shall have a foil backing. The panels shall have extruded aluminum molding and chairrails with a minimum of 2-15/16" projection from the face of the panel. A full length mop rail shall be provided with cork insert and end stops. The mop rail and chairrails are to incorporate a channel to wrap around the panel. Three (3) mop hooks, with clips, per panel shall be provided. One fog holder, 1/2" size, shall be provided for each classroom. Each classroom shall be 2 sq. 4x8 panels installed side by side to make a 4x16 panel, centered on one of the long walls. Referenced brand: Chaffield-Clarke Co. series 500. Attach directly to studs and blocking w/ #8x3" oval head wood screws @ 32" o.c. horizontally and @ 24" o.c. vertically.

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 DATE JUL 03 2019

FILE NO.
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 OFFICE OF REGULATION SERVICES
 02-108170
 AC, SLS, FLS, SS, JTH
 DATE JUN 15 2006

BASED ON PC# 02-104920

24x60 (E.S.)
 RELOCATABLE
 CLASSROOMS



CUSTOMER:
 MOBILE MODULAR MANAGEMENT #770-#784

DATE: 06-25-03
 SCALE: NONE
 DRAWN BY: M.F.
 CHECKED BY:
 CHECKED BY:
 SERIAL NO.

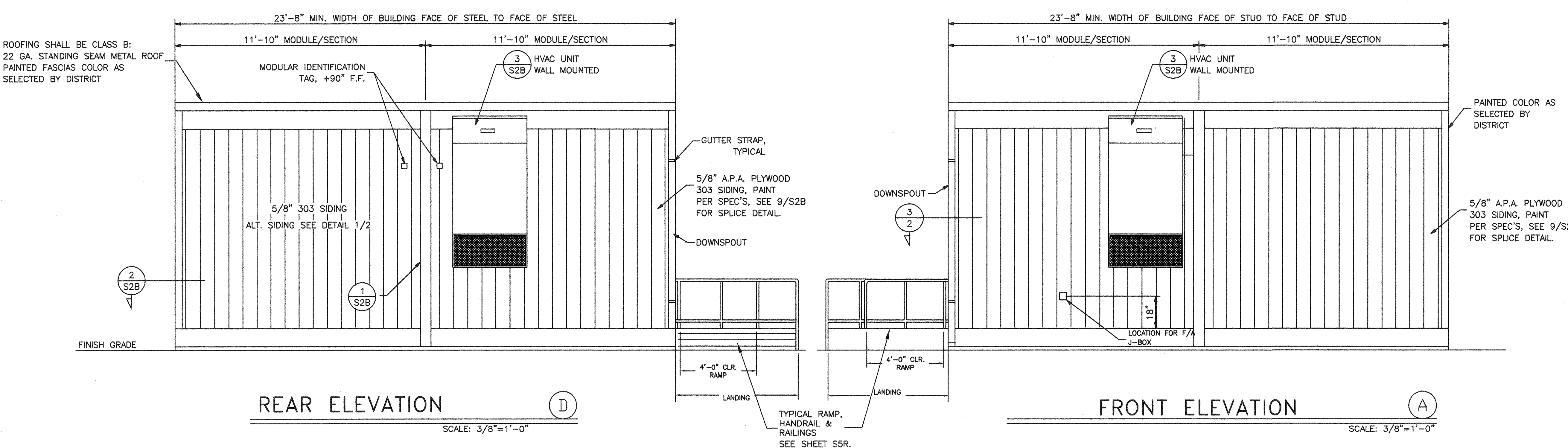
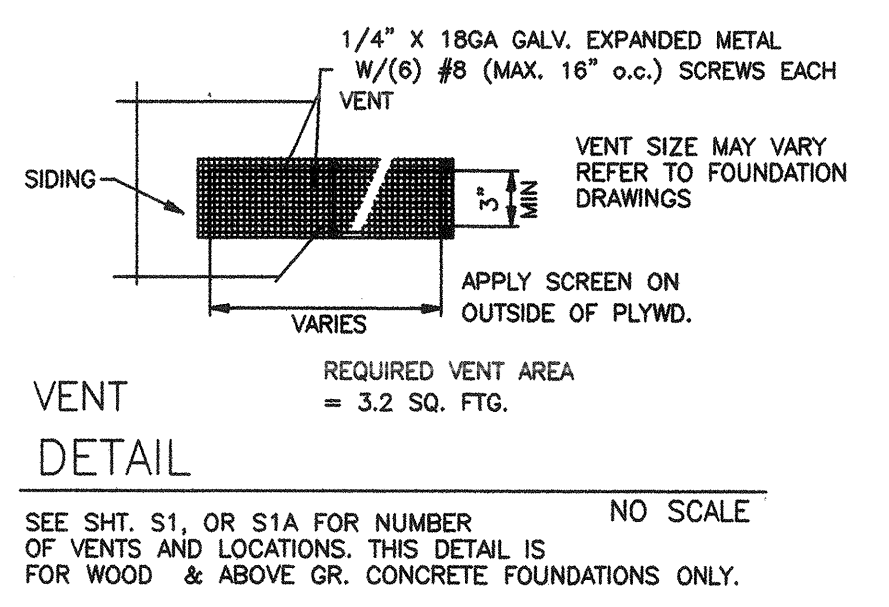
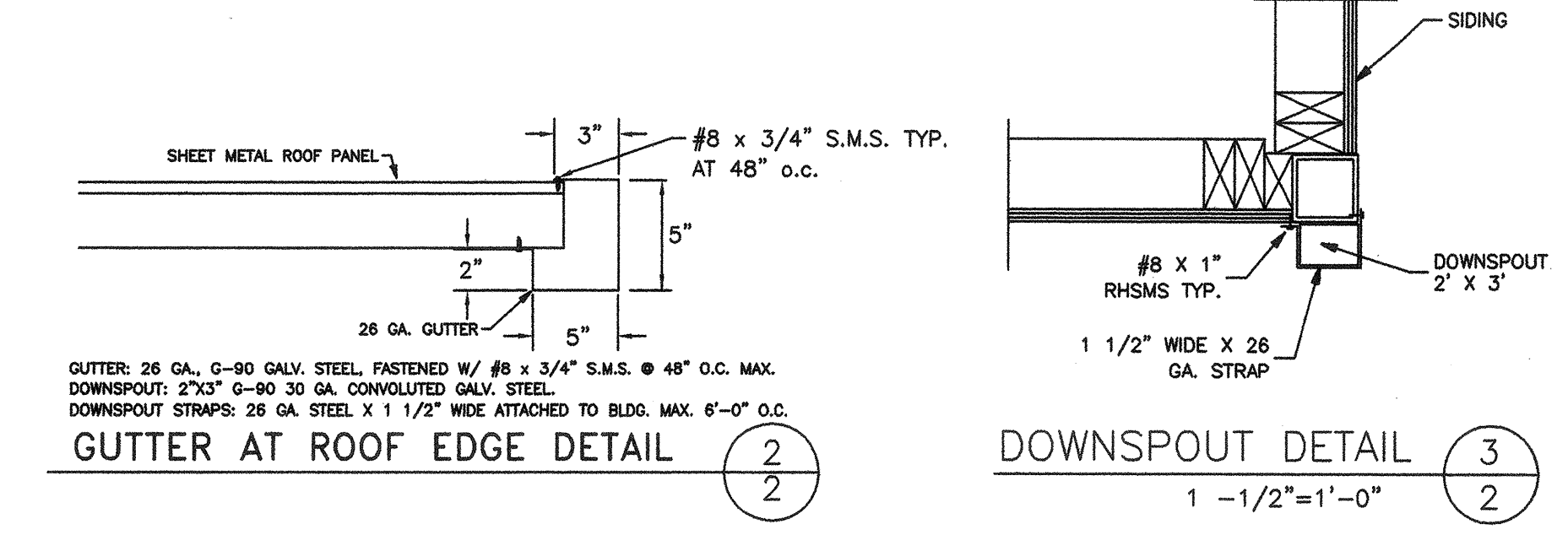
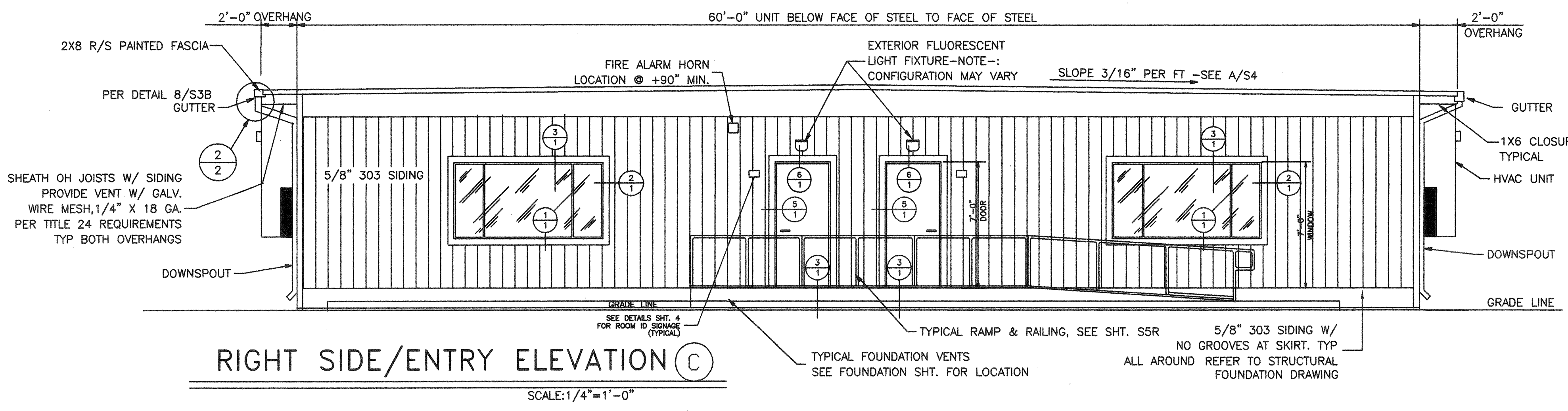
REVISIONS

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
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PROJECT No.
 SHEET No.
 1

FLOOR PLAN & NOTES

BID SET 9-20-2019



ROOM ID SIGNAGE SEE SHEET 4 DETAILS E/4 & I/4
NOT A PART OF THIS CONTRACT (NOT PROVIDED BY A.M.S.)

NOTE:
ROOM IDENTIFICATION SHALL BE PROVIDED FOR ROOMS OR SPACES. RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH THE FOLLOWING: CONTRACTED GRADE 2 BRAILLE SHALL BE USED. DOTS SHALL BE 1/16" INCH ON CENTER IN EACH CELL WITH 2/16" INCH SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM 1/40 INCH ABOVE BACKGROUND. SIGNS SHALL BE INSTALLED ON WALL ADJACENT TO LATCH OUTSIDE OF DOOR. WHERE THERE IS NO SPACE ON THE LATCH SIDE, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 60" ABOVE THE FINISH FLOOR TO THE CENTER OF THE SIGN.

NOTE:
WHEN USING A CONCRETE FOUNDATION SYSTEM UNDER FLOOR CLEARANCE SHOULD BE MAINTAINED AT A MINIMUM OF 16" TO A MAXIMUM OF 18". THIS WILL ALLOW FOR MAINTENANCE OF PLUMBING, ELECTRICAL SYSTEMS, VENTILATION AND UNDER FLOOR ACCESS TO THOSE SYSTEMS.

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPROX 11 99 05
AC SV FLS 35 JA
DATE JUL 0 3 2019

FILE NO. IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
No. 5310
02-108178
AC SV FLS 35 JA
DATE JUN 15 2019

BASED ON PC# 02-104920

24X60 (ES)
RELOCATABLE
CLASSROOM



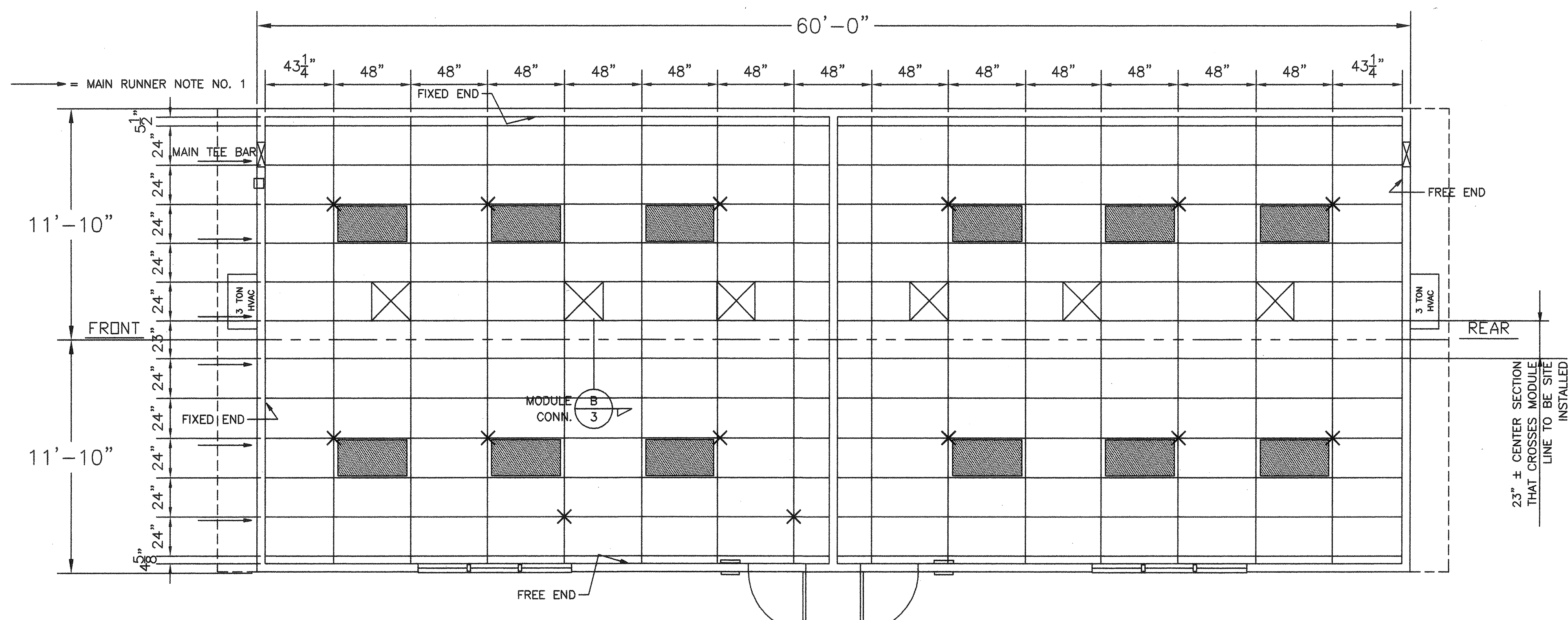
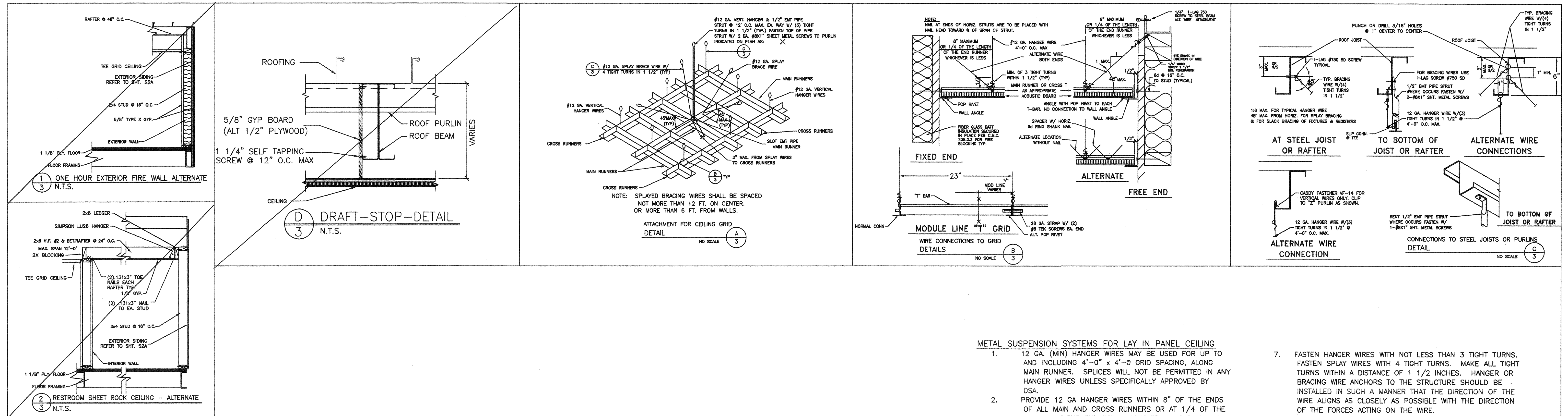
CUSTOMER:
MOBILE MODULAR MANAGEMENT
#779-#784

EXTERIOR ELEVATIONS

DATE: 06/12/06
SCALE: NONE
DRAWN BY: MP
CHECKED BY:
SERIAL NO.

REVISIONS					
NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
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PROJECT No.
SHEET No.
2



CEILING TEE BAR GRID LAYOUT WITH LIGHT FIXTURES

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

METAL SUSPENSION SYSTEMS FOR LAY IN PANEL CEILING

- 12 GA. (MIN) HANGER WIRES MAY BE USED FOR UP TO AND INCLUDING 4'-0" x 4'-0" GRID SPACING, ALONG MAIN RUNNER. SPLICES WILL NOT BE PERMITTED IN ANY HANGER WIRES UNLESS SPECIFICALLY APPROVED BY DSA.
- PROVIDE 12 GA HANGER WIRES WITHIN 8" OF THE ENDS OF ALL MAIN AND CROSS RUNNERS OR AT 1/4 OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS AT THE PERIMETER OF THE CEILING AREA.
- PROVIDE TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO MAINTAIN HANGER BRACING. PROVIDE ADDITIONAL HANGERS, STRUTS OR BRACES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS OR DISCONTINUOUS AREA. HANGER WIRES THAT ARE MORE THAN 1 IN 6 OUT OF PLUMB ARE TO HAVE COUNTERBRACED WIRES.
- CEILING GRID MEMBERS ARE TO BE ATTACHED TO NOT MORE THAN 2 ADJACENT WALLS. CEILING GRID MEMBERS SHOULD BE AT LEAST 1/2 INCH FREE OF OTHER WALLS. IF WALLS RUN DIAGONALLY TO CEILING GRID SYSTEM RUNNERS, ONE END OF MAIN AND CROSS RUNNERS SHOULD BE FREE AND A MINIMUM OF 1/2 INCH CLEAR OF WALL.
- AT THE PERIMETER OF THE CEILING AREA WHERE MAIN OR CROSS RUNNERS ARE NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERCONNECTION BETWEEN THE RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADING. A METAL STRUT OR A 16 GA WIRE WITH A POSITIVE MECHANICAL CONNECTION TO THE RUNNERS MAY BE USED. WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNERS IS 12" OR LESS, THIS INTERLOCK IS NOT REQUIRED.
- PROVIDE SETS OF 4-#12 GA. SPLAYED BRACING WIRES ORIENTED 90 DEGREES FROM EACH OTHER AT THE FOLLOWING SPACING:
 - (A) FOR SCHOOL BUILDINGS, PLACE SETS OF SPLAY WIRES AT A SPACING NOT MORE THAN 12 FEET BY 12 FEET ON CENTER.
 - (B) PROVIDE SPLAY WIRES AT LOCATIONS NOT MORE THAN 1/2 THE ABOVE SPACING FROM EACH PERIMETER WALL OR AT THE EDGE OF VERTICAL CEILING OFFSETS
 THE SLOPE OF THESE WIRES SHOULD NOT EXCEED 45 DEGREES FROM THE PLANE OF THE CEILING AND SHOULD BE TAUGHT WITHOUT CAUSING THE CEILING TO LIFT. SPLICES IN BRACING WIRES ARE NOT PERMITTED WITHOUT SPECIAL DSA APPROVAL.
- FASTEN SPLAY WIRES WITH NOT LESS THAN 3 TIGHT TURNS. FASTEN SPLAY WIRES WITH 4 TIGHT TURNS. MAKE ALL TIGHT TURNS WITHIN A DISTANCE OF 1 1/2 INCHES. HANGER OR BRACING WIRE ANCHORS TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE WIRE ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE FORCES ACTING ON THE WIRE.
- SEPARATE ALL CEILING HANGING AND BRACING WIRES AT LEAST 6 INCHES FROM ALL UNBRACED DUCTS, PIPES, CONDUIT ETC., IT IS ACCEPTABLE TO ATTACH LIGHT-WEIGHT ITEMS, SUCH AS SINGLE ELECTRICAL CONDUIT NOT EXCEEDING 3/4" NOMINAL DIAMETER, TO HANGER WIRES USING CONNECTORS ACCEPTABLE TO DSA.
- ATTACH ALL LIGHT FIXTURES AND AIR TERMINALS TO THE CEILING GRID RUNNERS TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURES.
- FLUSH OR RECESSED LIGHT FIXTURES AND AIR TERMINALS OR SERVICES WEIGHING LESS THAN 55 POUNDS MAY BE SUPPORTED DIRECTLY ON THE RUNNERS OF A HEAVY DUTY GRID SYSTEM BUT, IN ADDITION, THEY MUST HAVE A MINIMUM OF 2-#12 GA. SLACK SAFETY WIRES ATTACHED AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE.
- CLASSIFICATION OF CEILING GRID: CLASSIFICATION OF CEILING GRID IS "HEAVY DUTY" PER ASTM C635 MANUFACTURER'S CATALOG NUMBER - MAIN RUNNER HEAVY DUTY MAIN TEE OR EQUAL PER TABLE A. MANUFACTURER'S CATALOG NUMBER - CROSS RUNNER PER TABLE A. MANUFACTURER'S CATALOG NUMBER OF DETAIL FOR RUNNER SPLICE N/A. ACOUSTICAL PANELS SHALL BE 5/8" MINIMUM THICK, MINERAL FIBERBOARD OR VINYL-FACED FIBERGLASS LAY-IN PANELS SQUARE EDGE ASTM FLAME SPREAD CLASS I, 24" X 48" MODULAR SIZE, LIGHT REFLECTION 75% MINIMUM, NOISE REDUCTION COEFFICIENT OF 0.65 MINIMUM. MAXIMUM SMOKE DENSITY NOT TO EXCEED 450.

MANUFACTURER	MAIN TEE	H.D. 4" CROSS TEE	H.D. 2" CROSS TEE
DOMYUSS	DX-26	DX-424	DX-218
ARMSTRONG	7301	7341	7323
CHICAGO MET.	200-01	1204-01	1228-01

NOTE: ALL GRID COMPONENTS SHALL BE BY SAME MANUFACTURER

24x60
RELOCATABLE
CLASSROOMS



CUSTOMER:
MOBILE MODULAR MANAGEMENT #779-#774

DATE: 06/12/06
SCALE: NONE
DRAWN BY: MP
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SERIAL NO.

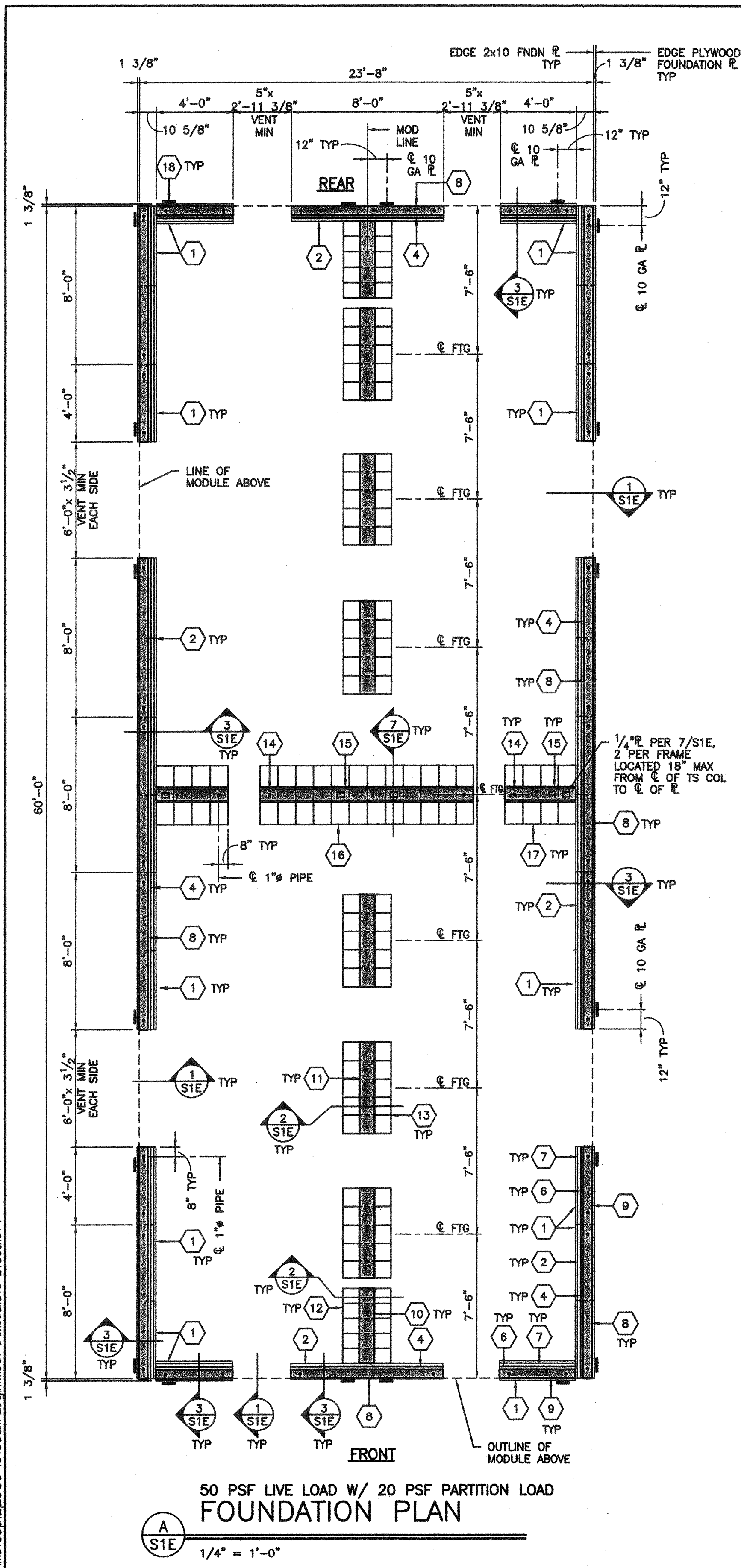
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PROJECT No.
SHEET No.
3

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OFFICE OF REGULATION SERVICES
FILE NO. 02-18178
AC. [Signature]
DATE JUN 15 2006

BASED ON PC #02-102018



NOTES:

- TOP OF WOOD PADS TO BE LEVEL.
- DO NOT INSTALL BUILDINGS IN AREAS OF WATER LINES.
- SITE TO BE GRADED TO PREVENT WATER PONDING BENEATH THE STRUCTURE.
- FOUNDATION PLYWOOD TO BE CUT PERPENDICULAR TO THE FACE GRAIN.
- PER THE CONTRACT OF THIS PROJECT - THE BUILDING PAD MUST BE A MINIMUM OF 30"x70" AND SHALL NOT EXCEED 6" OUT OF LEVEL IN ANY DIRECTION.
- VENT AREA REQUIRED = (1000 SF) / (9.5 SF) = 105.3 SF. VENT AREA PROVIDED = 9.5 SF.
- STUCCO WALLS ARE NOT ALLOWED ON WOOD FOUNDATIONS.

SILL RESTRAINT:

ON SOIL: 1" HOT DIPPED GALV PIPE W/ 12" MIN PENETRATION BELOW SOIL SURFACE @ 10'-0" OC, MIN 2 EA 2x R. DRILL SILL 1/4" MAX. PIPE MAY BE DRIVEN MAX 45° ANGLE TO VERTICAL.

ON A/C PAVING: 1" HOT DIPPED GALV PIPE W/ 12" MIN PENETRATION BELOW PAVING SURFACE @ 10'-0" OC, MIN 2 EA 2x R. DRILL SILL 1/4" MAX. ALT: 60d HOT DIPPED GALV NAILS THRU PREDRILLED SILL @ 32" OC.

ON CONC PAVING: 1" HOT DIPPED GALV PIPE W/ 12" MIN PENETRATION BELOW PAVING SURFACE @ 10'-0" OC, MIN 2 EA 2x R. DRILL SILL 1/4" MAX. ALT: 1/2" HILT KEIL THRU SILL @ W/ 3 1/2" MIN CONC EMBEDMENT @ 5'-0" OC MAX.

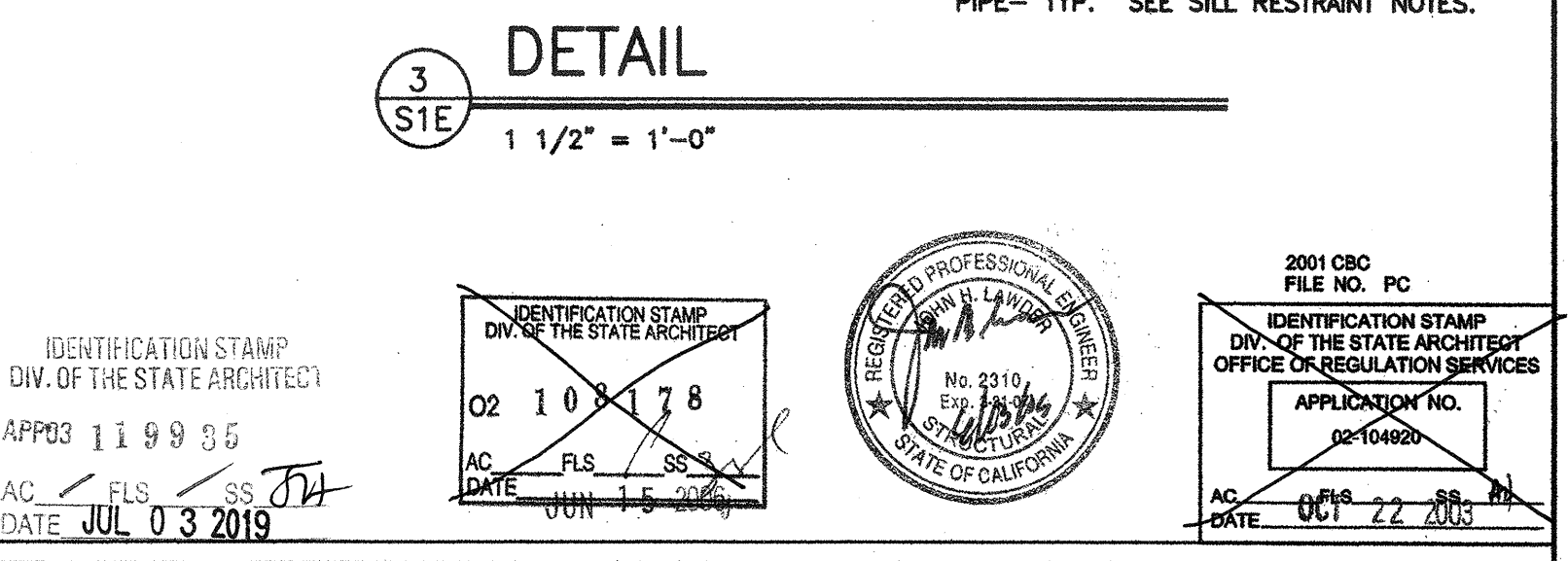
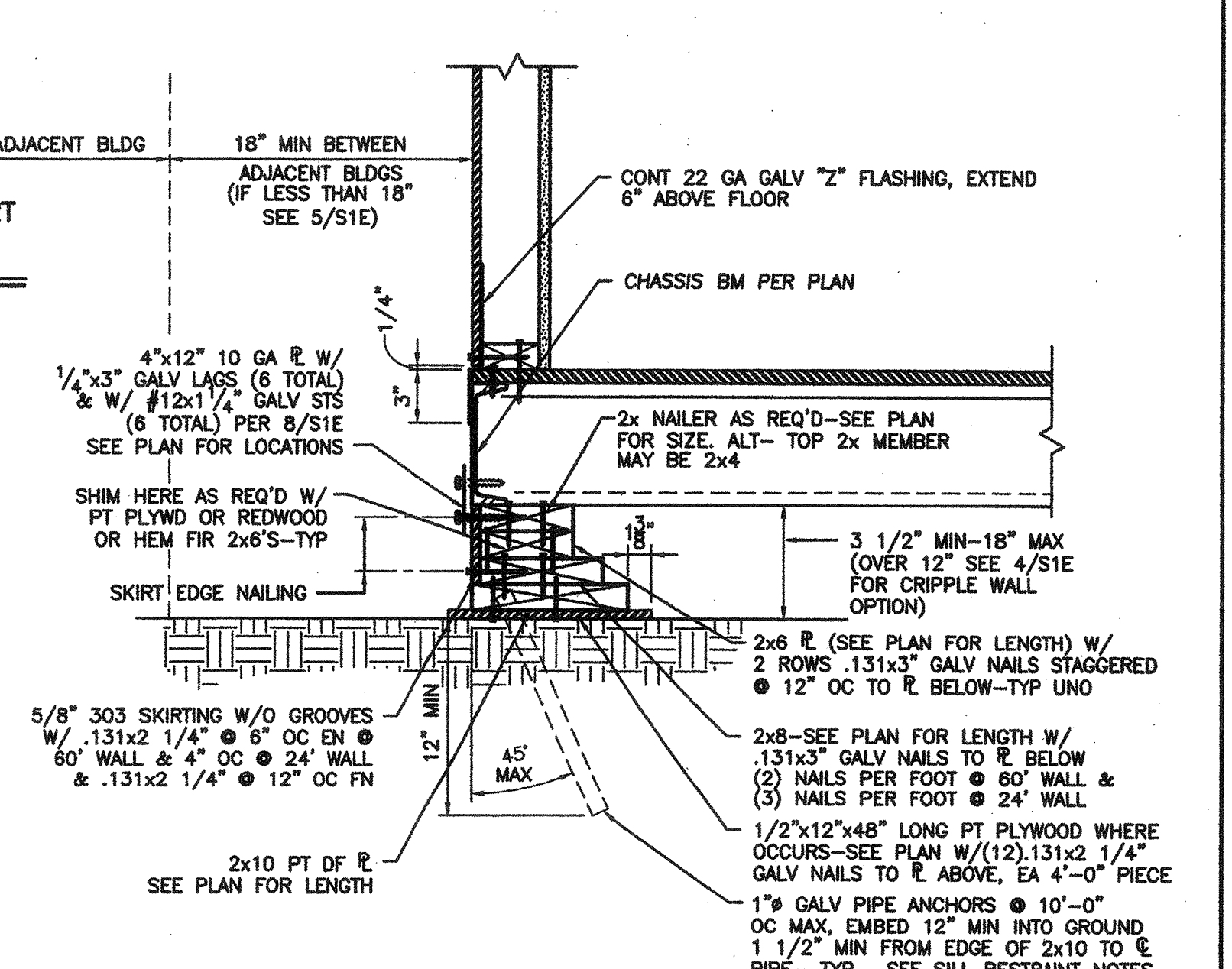
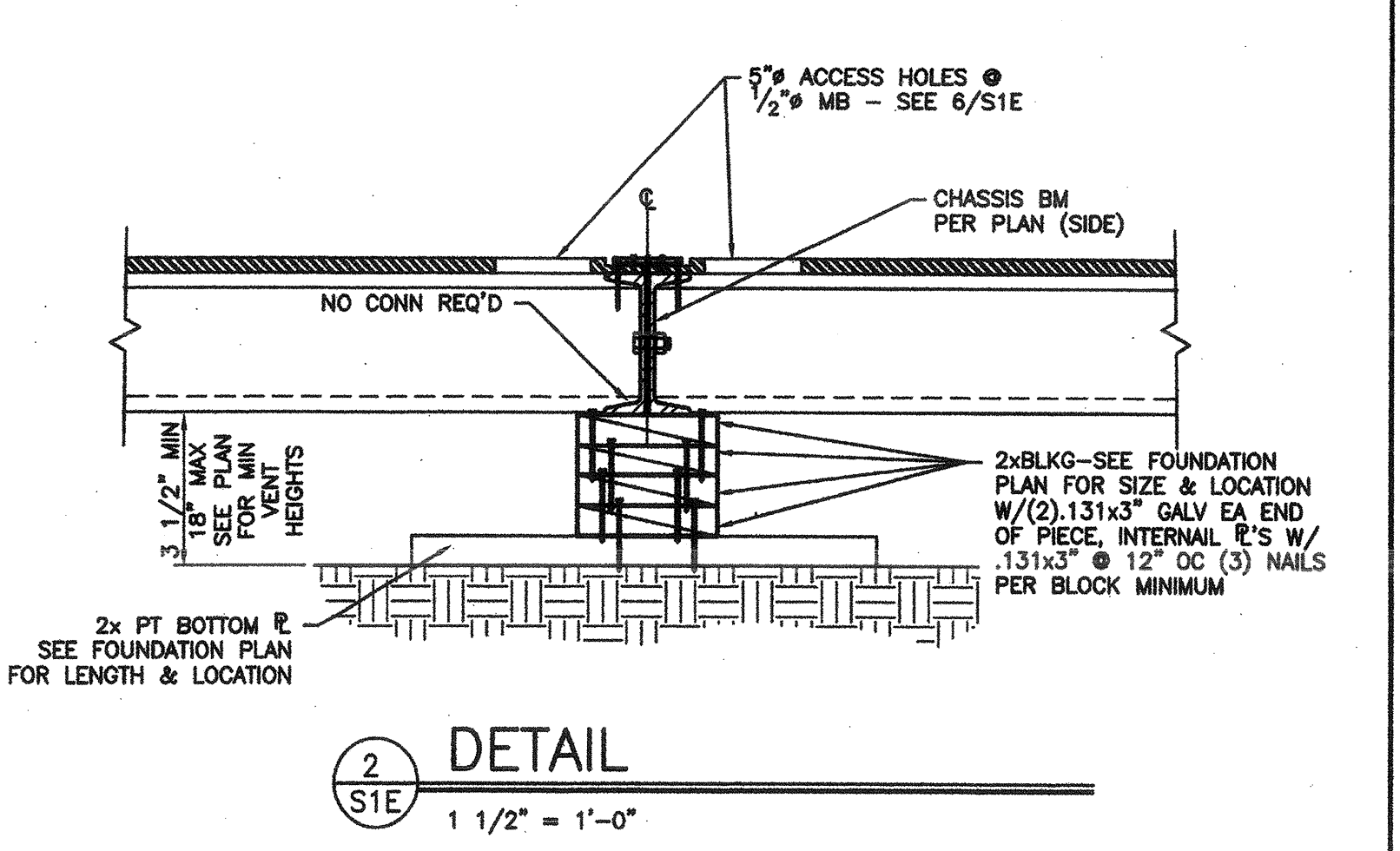
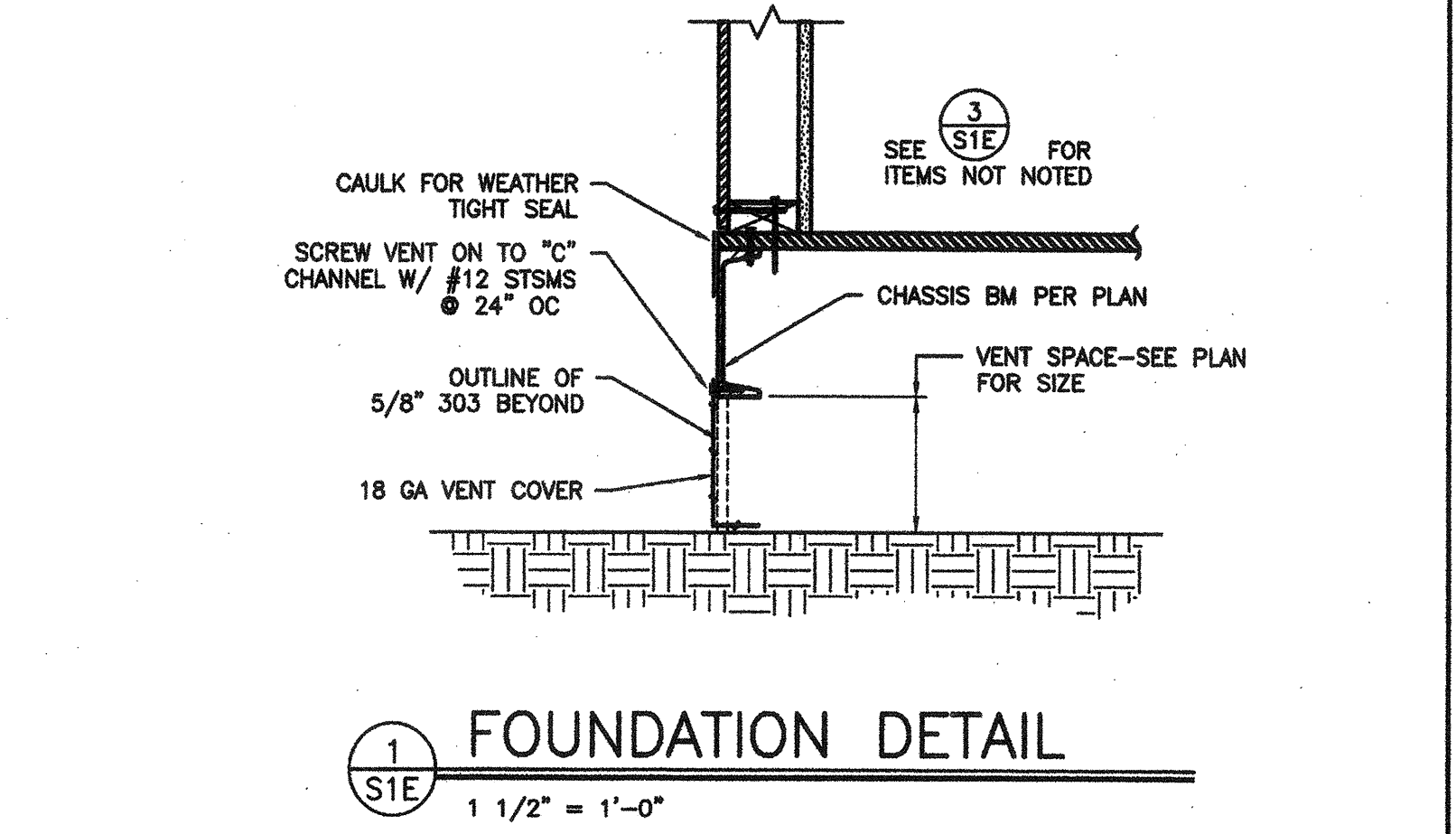
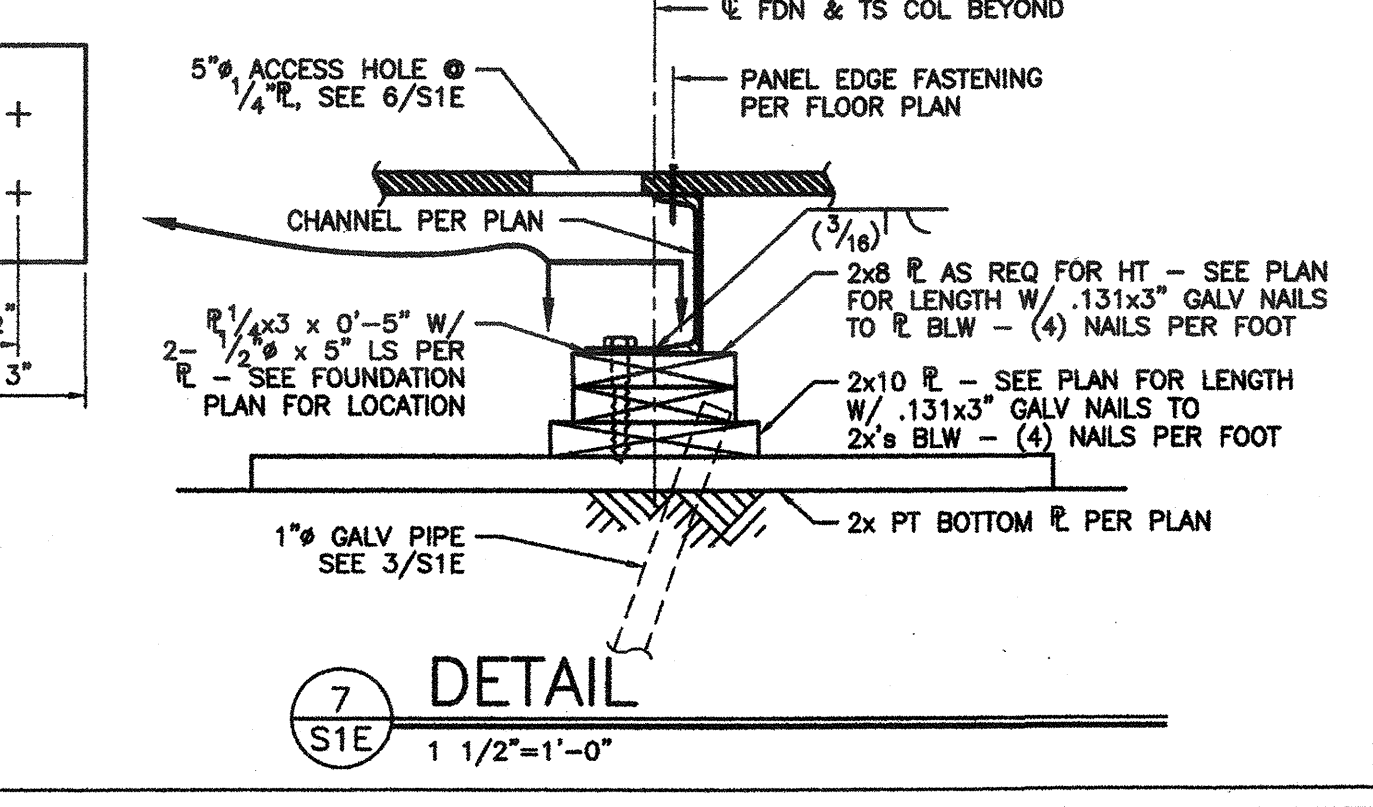
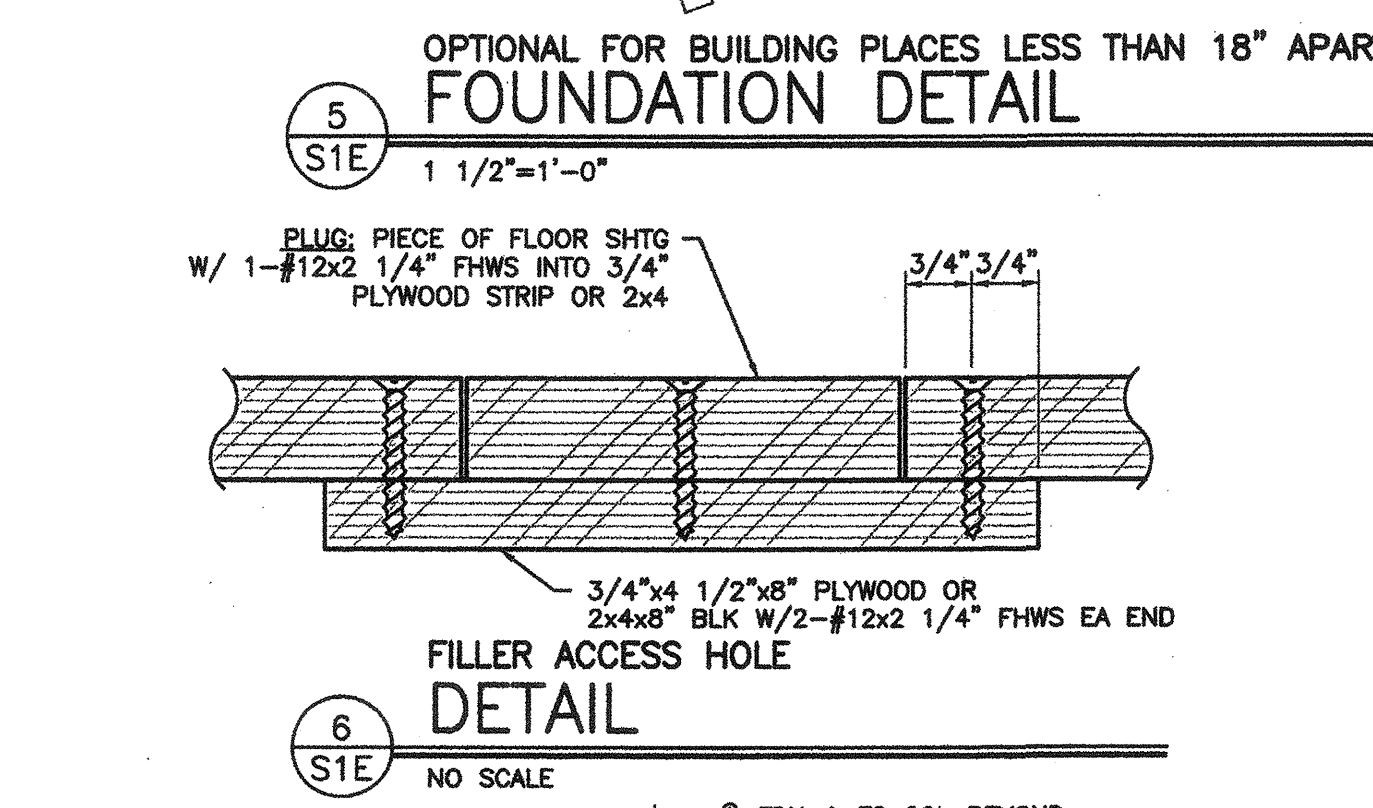
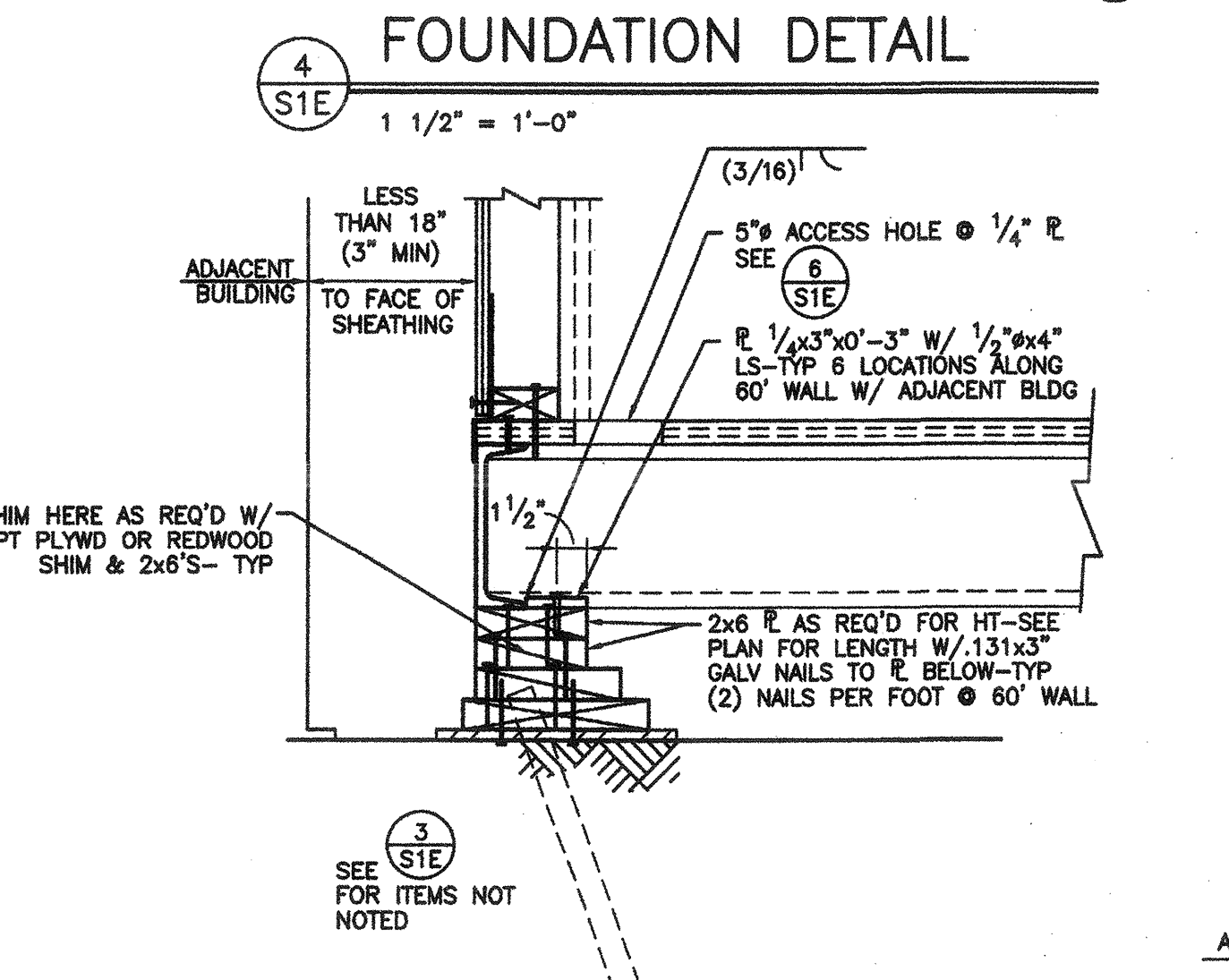
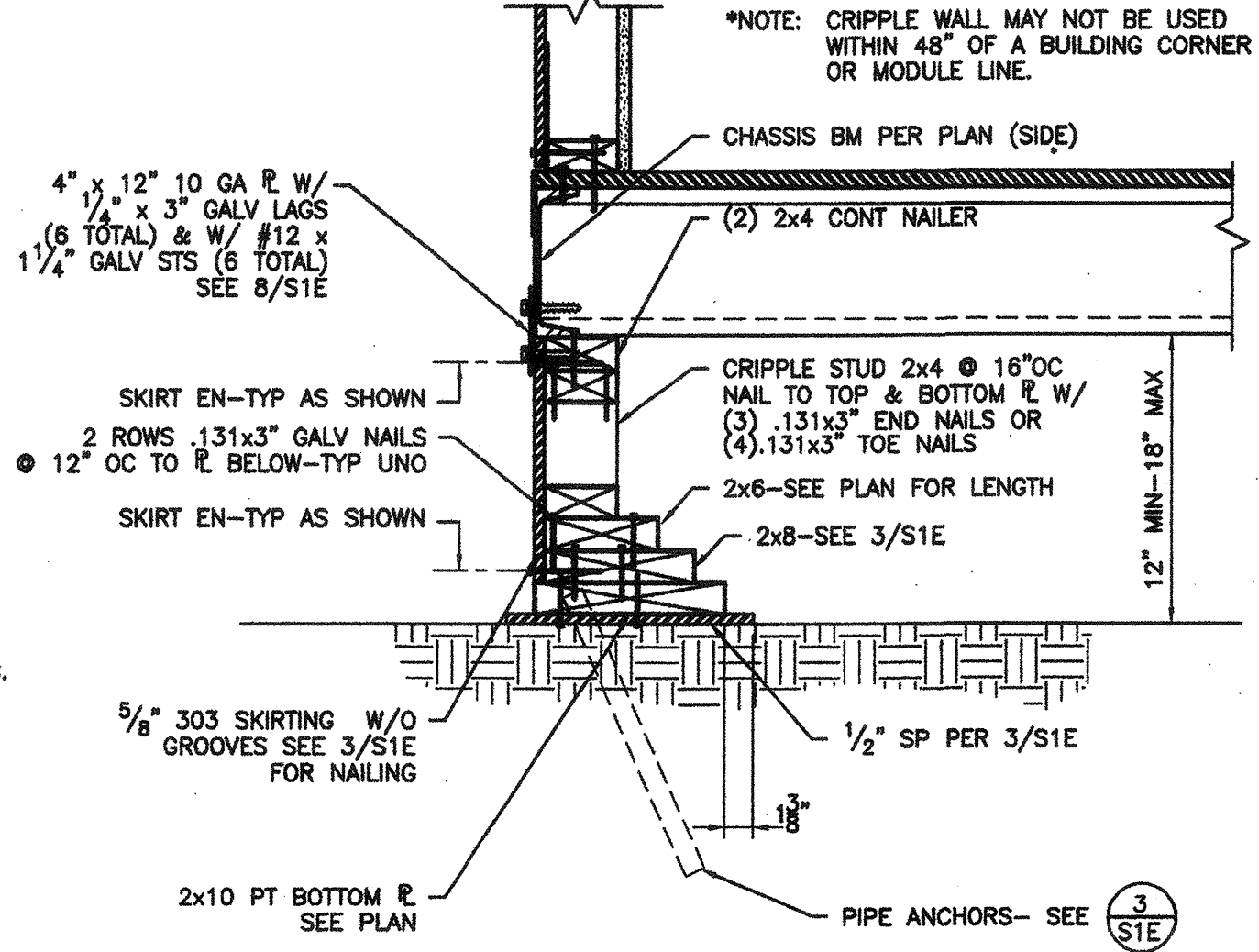
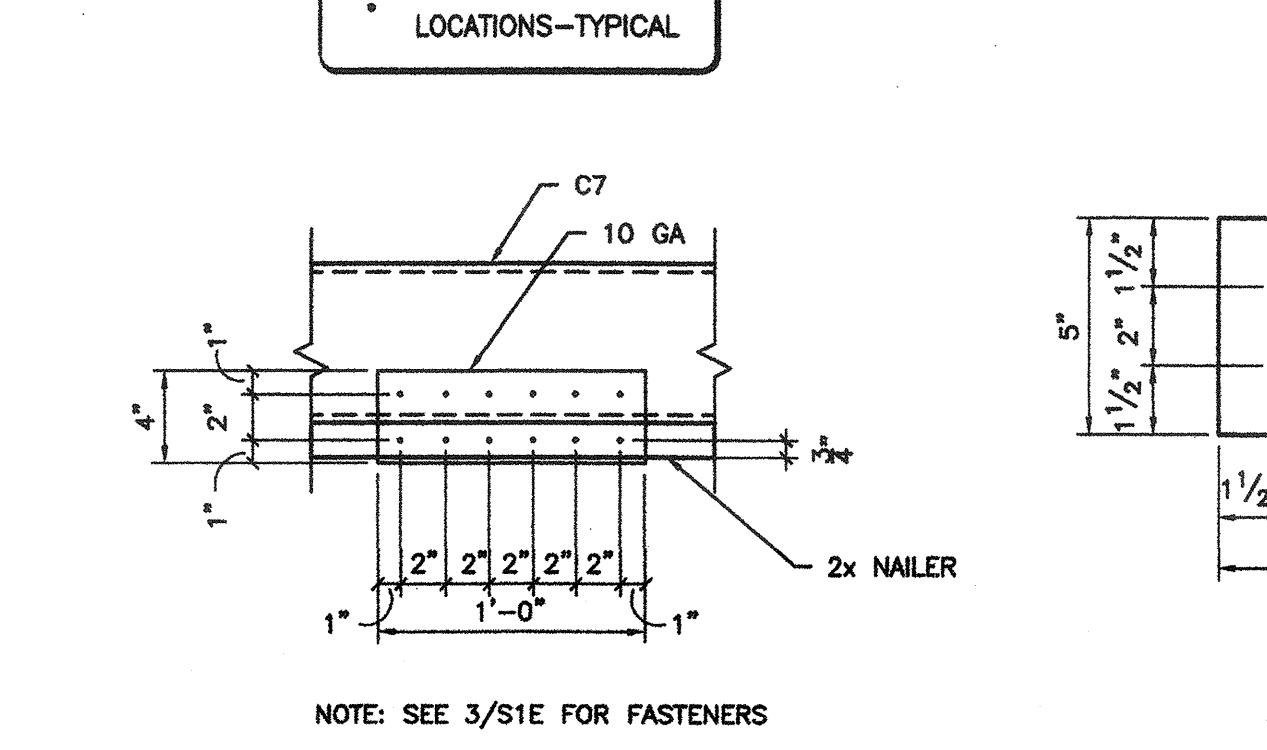
FOUNDATIONS:

ALL FOUNDATION MATERIALS IN CONTACT WITH THE GROUND SHALL BE PRESSURE TREATED EXCEPT FOR REDWOOD. SHIMS MAY BE REDWOOD, SEM FIR OR CEDAR, PRESSURE TREATED DOUGLAS FIR, HEM FIR, PLYWOOD ETC. SHALL BE VERIFIED BY A CERTIFICATE OF TREATMENT STATING "THE MATERIAL IN THIS UNIT WAS TREATED PER 2001 CALIFORNIA BUILDING CODE. ALL MATERIAL FOR USE IN GROUND CONTACT SHALL BE STAMPED "FOR GROUND CONTACT" (LP22). ALL MATERIAL NOT USED IN GROUND CONTACT SHALL BE HF#2 OR DF#2 "FOR ABOVE GROUND USE." THE IN-PLANT INSPECTOR SHALL VERIFY THAT ALL PRESSURE TREATED FOUNDATION MATERIAL IS CUT FROM ANWP STAMPED STOCK AND THAT ALL CUTS AND HOLES ARE RETREATED PER SPECIFICATIONS. LP-2 AND LP-22 MATERIAL SHALL BE Banded SEPARATELY FOR SHIPMENT TO THE JOB SITE. THE IN-PLANT INSPECTOR'S VERIFICATION OF EACH Banded UNIT SHALL BE ATTACHED TO THE MATERIAL.

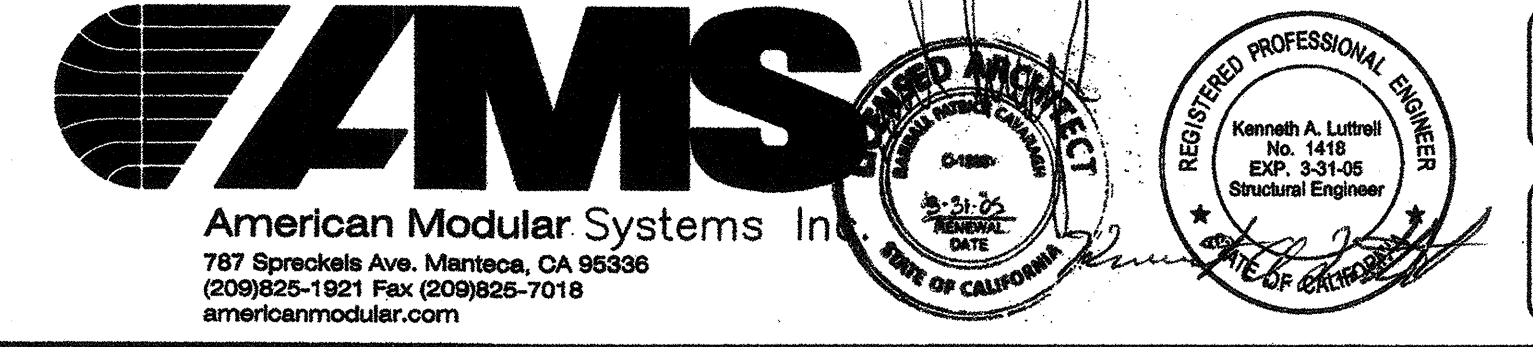
CONCRETE OR CONCRETE BLOCK FOUNDATIONS ARE NOT ALLOWED. THE FOOTING DESIGN SHALL PROVIDE FOR SHIMS AND BLOCKS NECESSARY TO PERMIT INSTALLATION ON SITES NOT LEVEL, BUT WITHIN TOLERANCE ALLOWED.

INSTALLATION SHALL BE PERMITTED ON EITHER SOIL, CONCRETE OR A/C PAVING, HAVING SUITABLE DESIGN BEARING CAPACITY, THE BUILDINGS SHALL BE SECURELY FASTENED TO THE FOUNDATIONS. THE FOUNDATIONS AND THE METHOD OF FASTENING SHALL BE SUBJECT TO APPROVAL BY THE ARCHITECT AND DSA. PADS SHALL BE DESIGNED FOR A MAXIMUM OF 1000 PSF LOAD ON THE SOIL. PADS SHALL NOT BE PLACED ON TURF.

- LEGEND**
- 1 1/2"x12" WIDE x 48" LONG PT STRUCTURAL PLYWOOD W/ FACE GRAIN IN SHORT DIRECTION (CDX PLYWOOD)
 - 2 2x10 x 8'-0" LONG R (PT R WHERE PLYWOOD DOES NOT OCCUR)
 - 3 NOT USED
 - 4 2x8 x 8'-0" LONG R
 - 5 NOT USED
 - 6 2x8 x 4'-0" LONG R
 - 7 2x10 x 4'-0" LONG R
 - 8 MULTIPLE 2x8 x 8'-0" LONG AS REQ'D FOR HEIGHT
 - 9 MULTIPLE 2x8 x 4'-0" LONG AS REQ'D FOR HEIGHT
 - 10 2x10 R, SEE 2/S1E
 - 11 2x10 BLKG, SEE 2/S1E
 - 12 (3) 2x12 x 2'-0" PT R OR (3) 2x10 x 2'-0" PT R OR (3) 2x8 x 2'-0" PT R, SEE 2/S1E
 - 13 (5) 2x12 x 2'-0" PT R OR (5) 2x10 x 2'-0" PT R OR (7) 2x8 x 2'-0" PT R, SEE 2/S1E
 - 14 2x8 R ONE PIECE, SEE 7/S1E
 - 15 2x10 R ONE PIECE, SEE 7/S1E
 - 16 (8) 2x12 x 3'-0" PT R OR (10) 2x10 x 3'-0" PT R OR (13) 2x8 x 3'-0" PT R, SEE 7/S1E
 - 17 (4) 2x12 x 3'-0" PT R OR (6) 2x10 x 3'-0" PT R OR (7) 2x8 x 3'-0" PT R, SEE 7/S1E
 - 18 4"x12" 10 GA R PER 8/S1E 4 PER EXTERIOR TRANSVERSE WALL 6 PER EXTERIOR LONGITUDINAL WALL



24x60' EXPOSED STEEL RELOCATABLE CLASSROOM

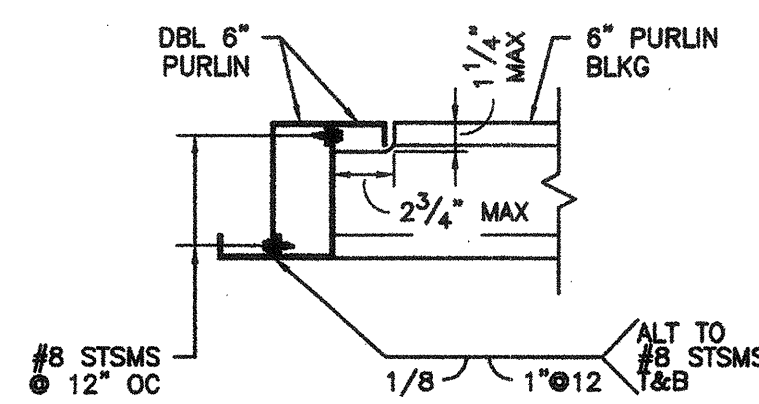


CUSTOMER: WOOD FOUNDATION PLAN & DETAILS 50 PSF FLOOR LIVE LOAD PLUS 20 PSF PARTITION LOAD

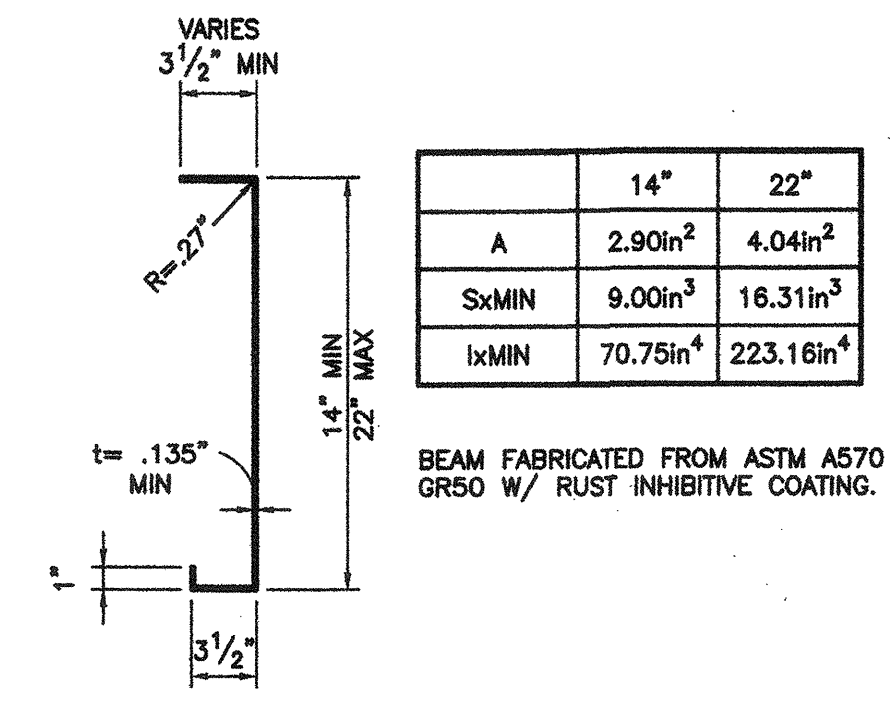
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CHECKED BY: KAL
SERIAL NO.

REVISIONS		PROJECT No.
NO	DATE	DESCRIPTION

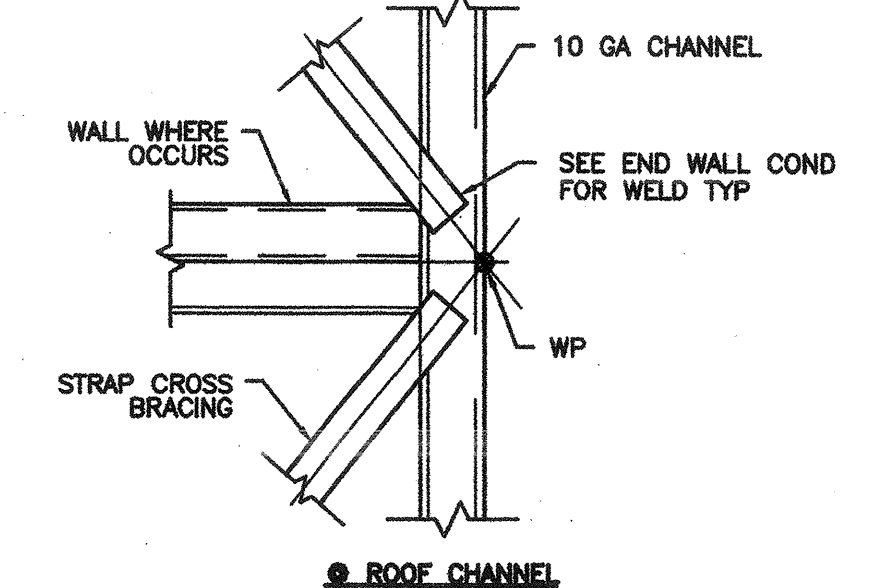
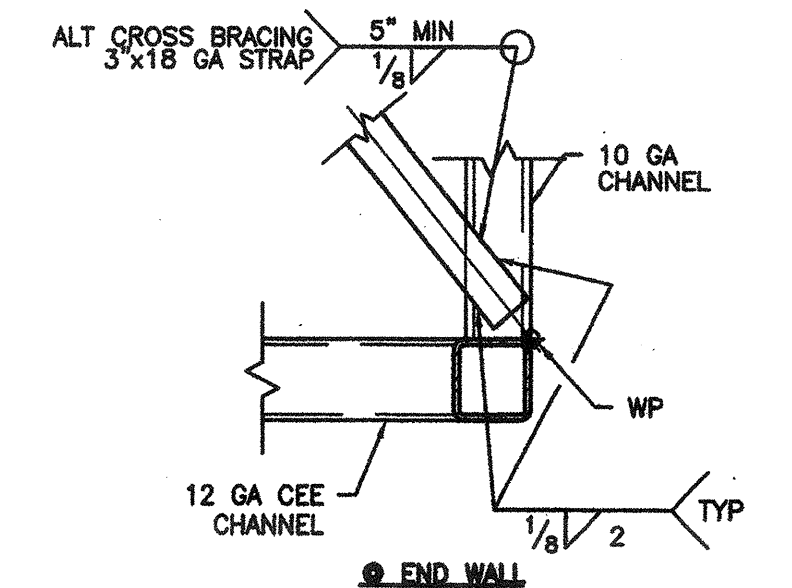
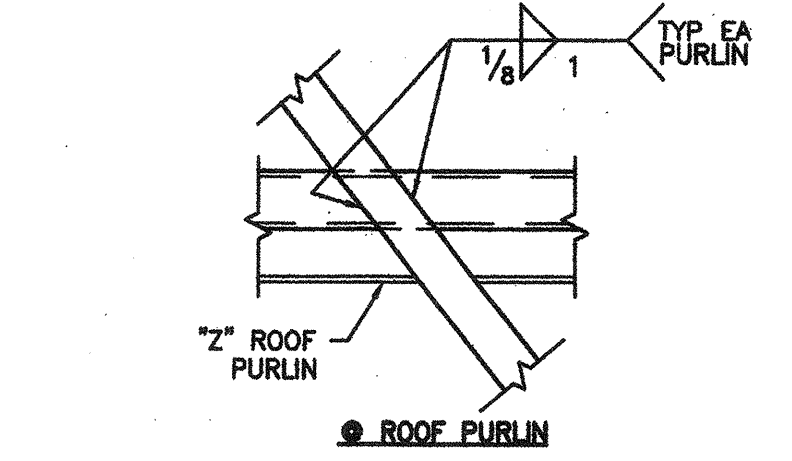
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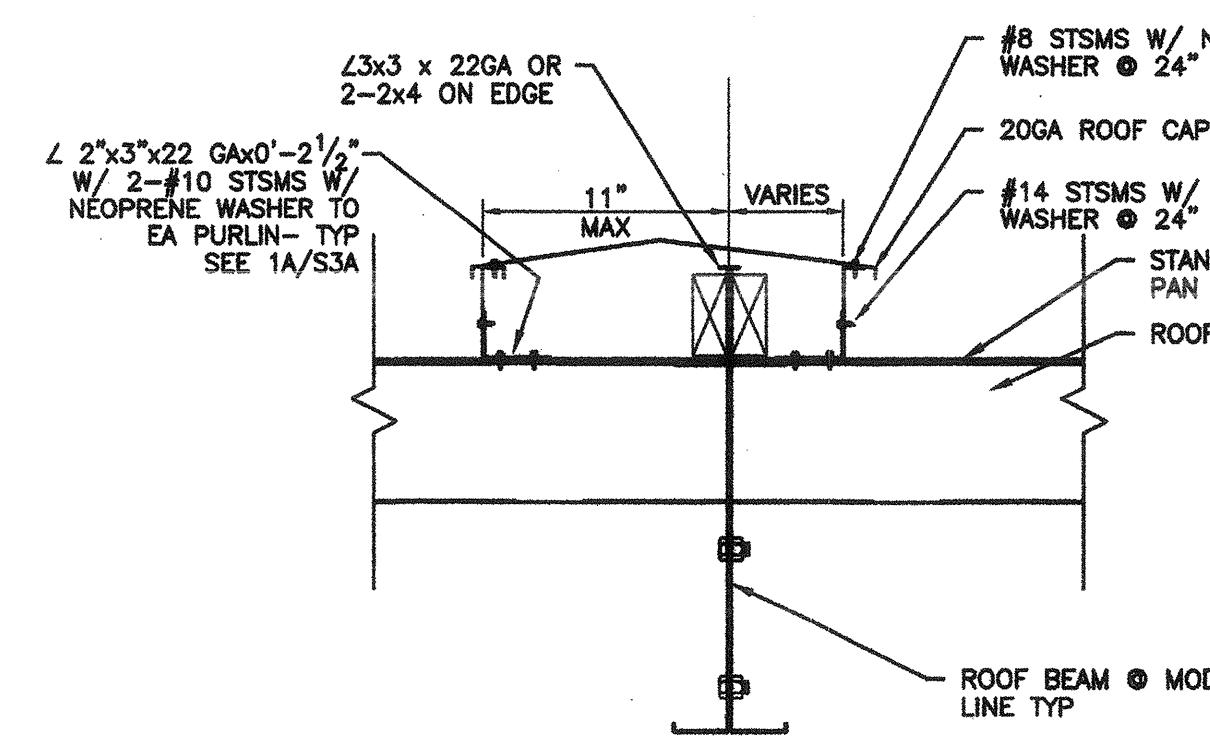
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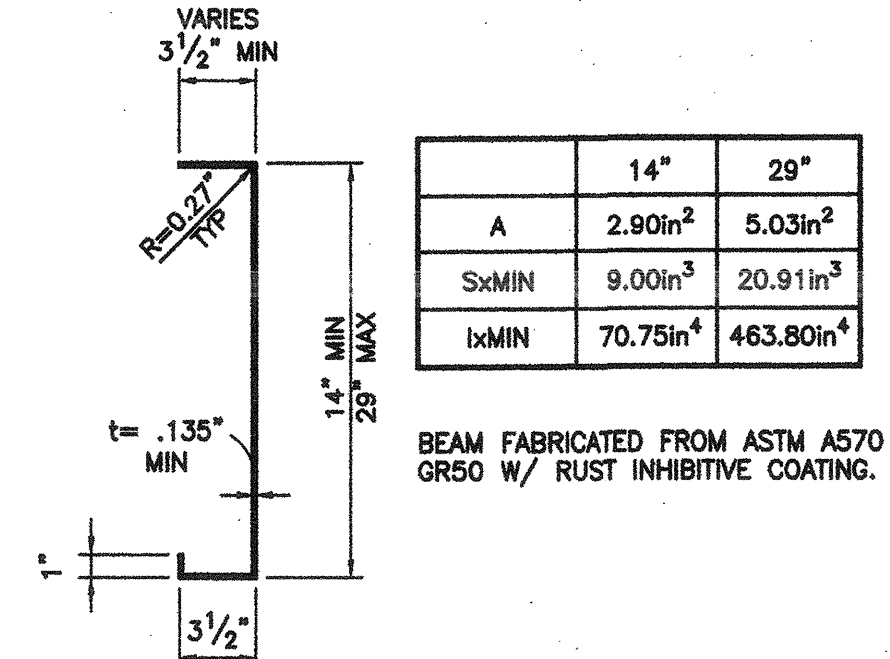
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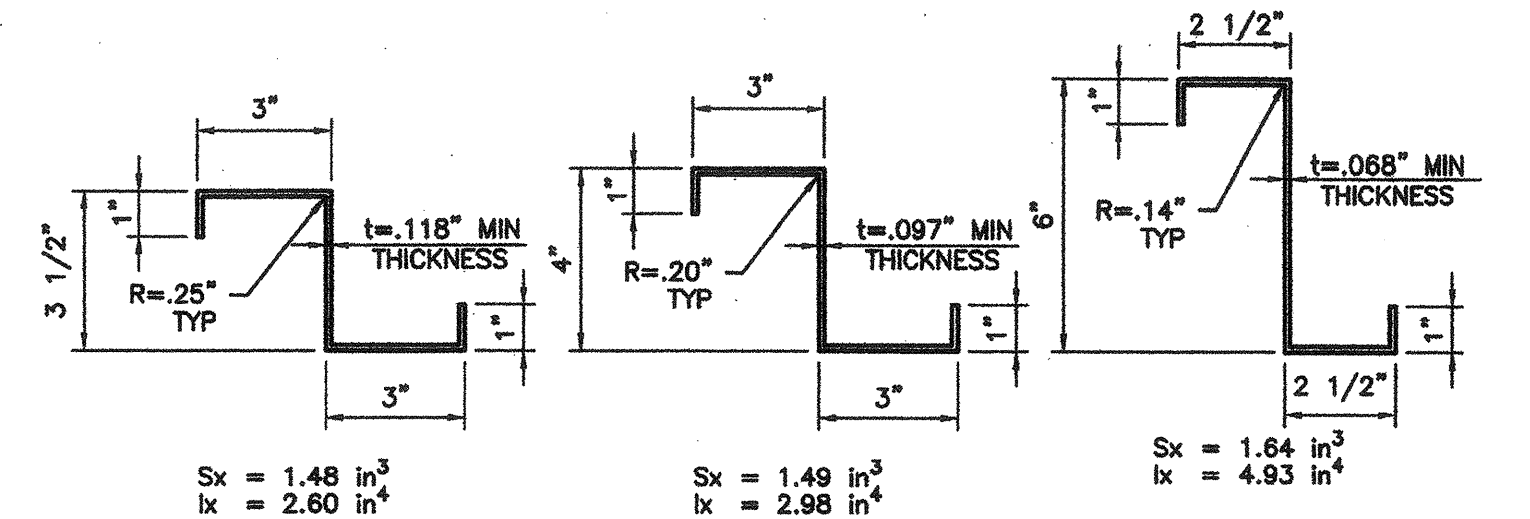
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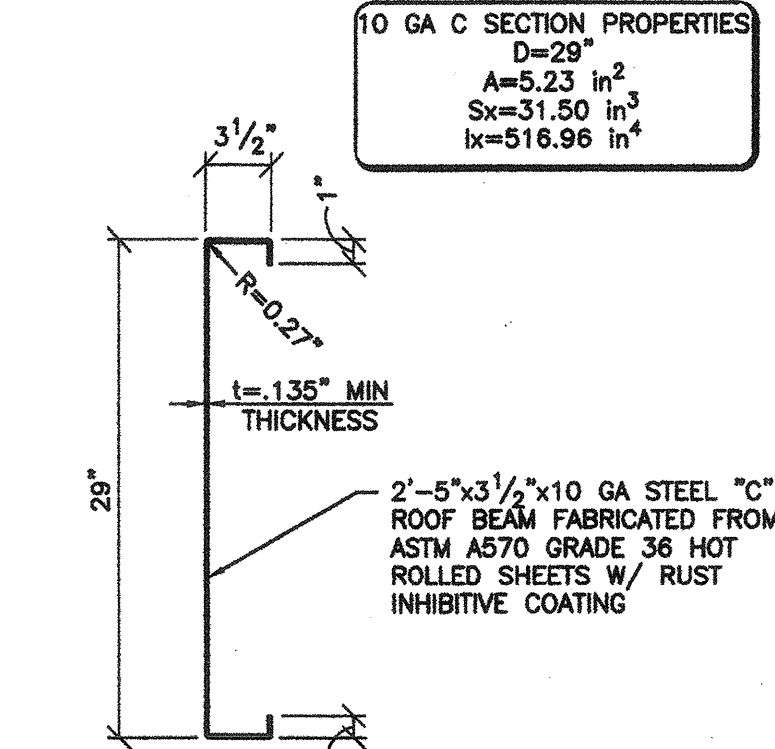
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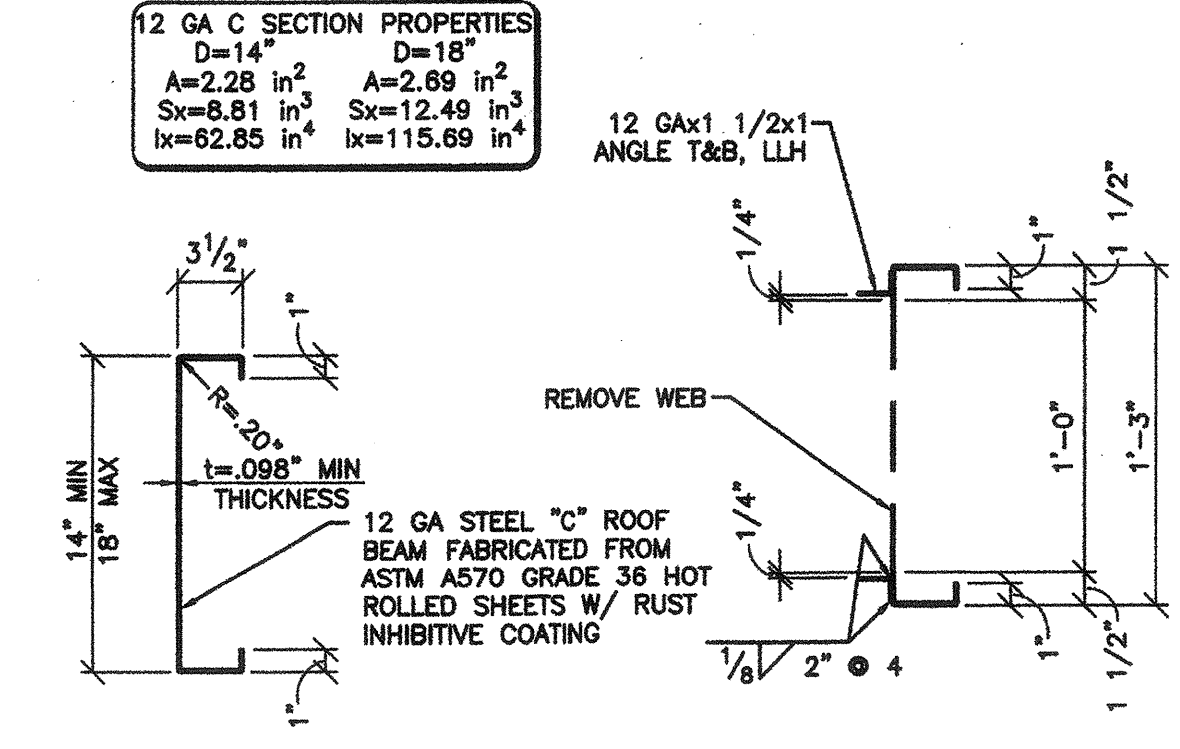
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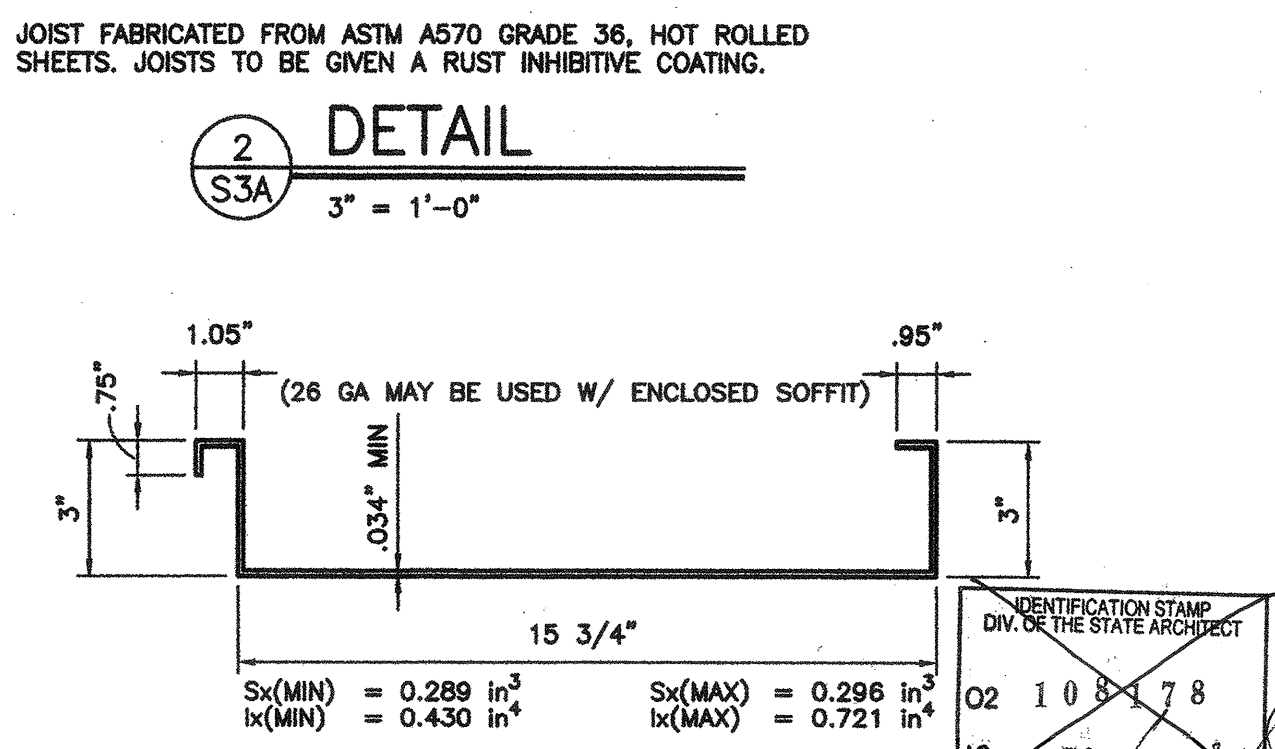
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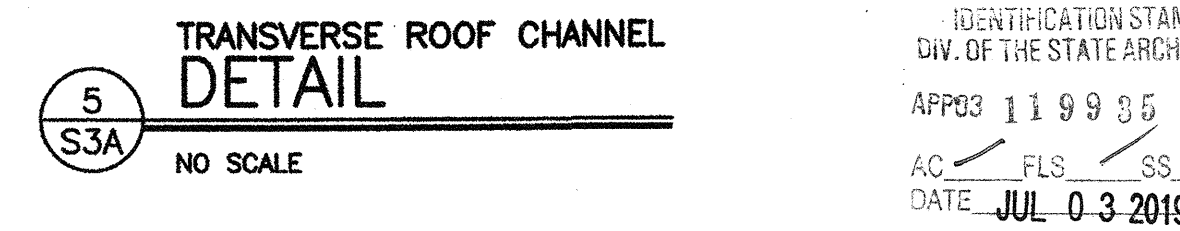
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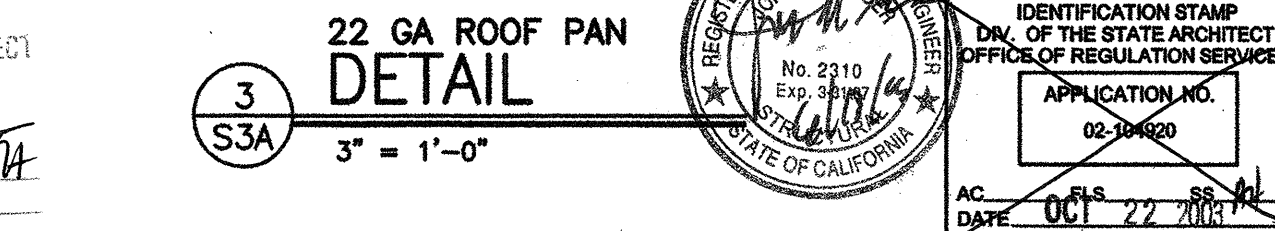
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S3A
DETAIL
3\"/>



5
S3A
DETAIL
NO SCALE



3
S3A
DETAIL
3\"/>

24'x60' TO 120'x60'
EXPOSED STEEL
RELOCATABLE
CLASSROOM

AMS
American Modular Systems Inc.
787 Sorensen Ave. Manteca, CA 95336
(209)920-1821 Fax: (209)920-7018
americanmodular.com

CUSTOMER: _____

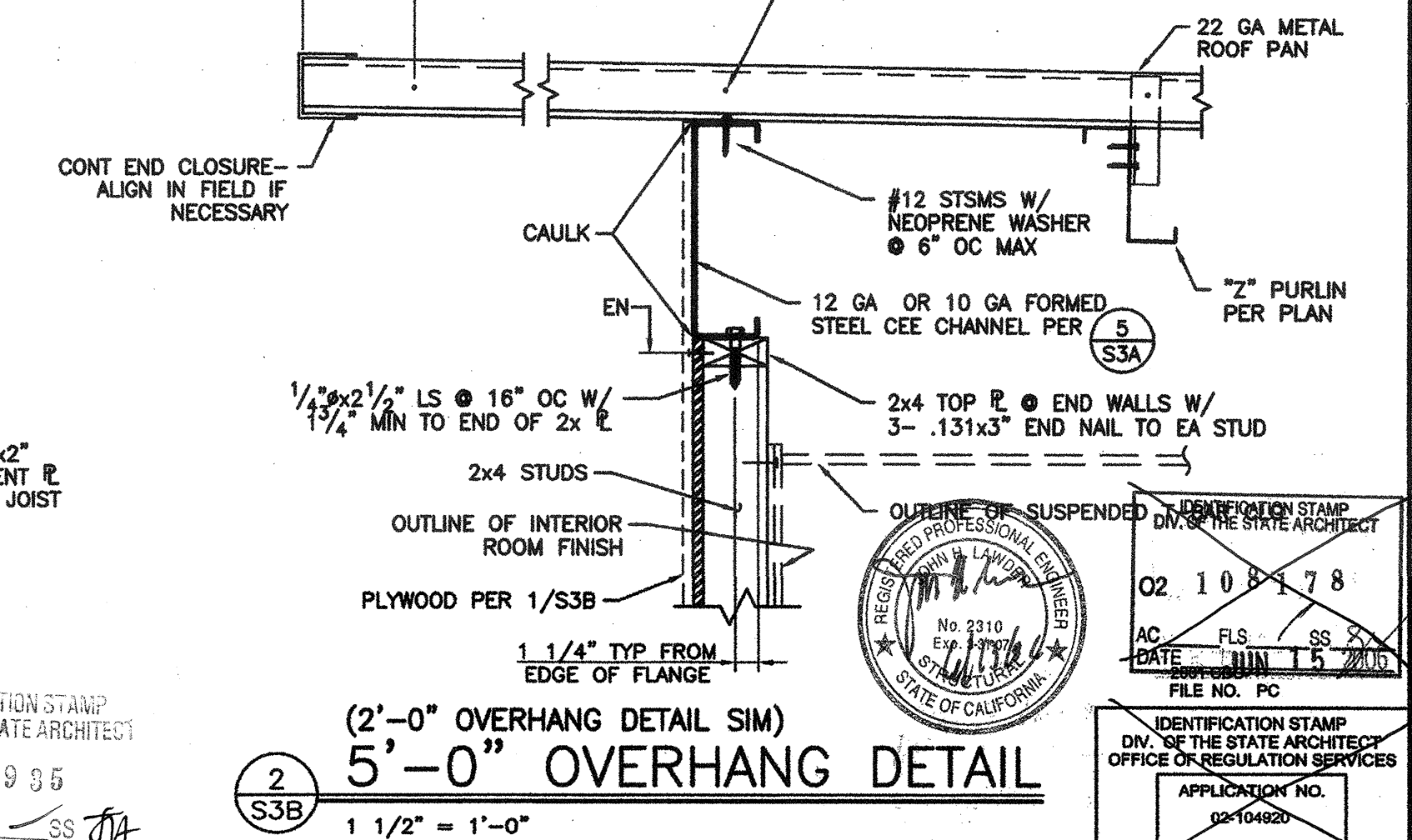
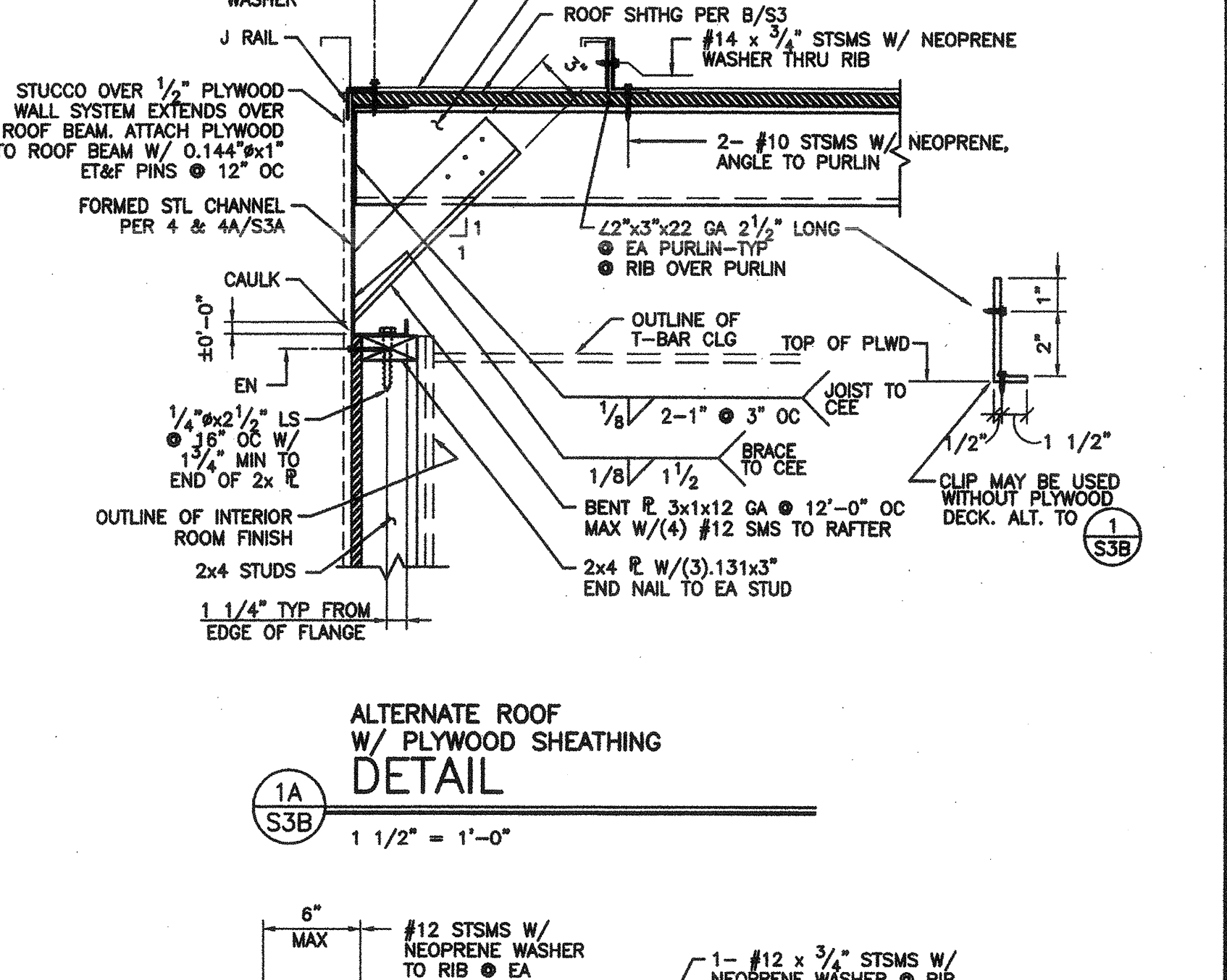
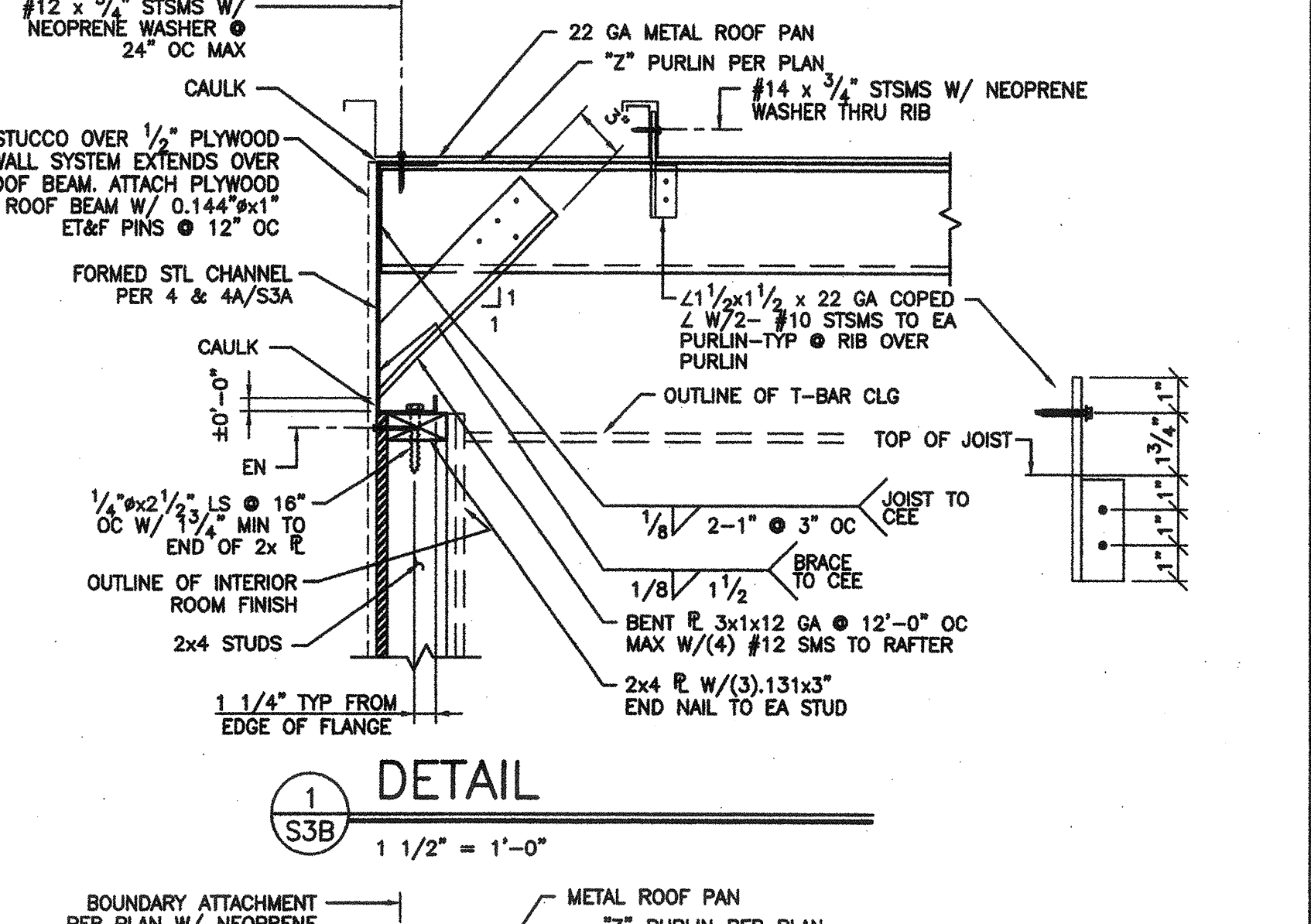
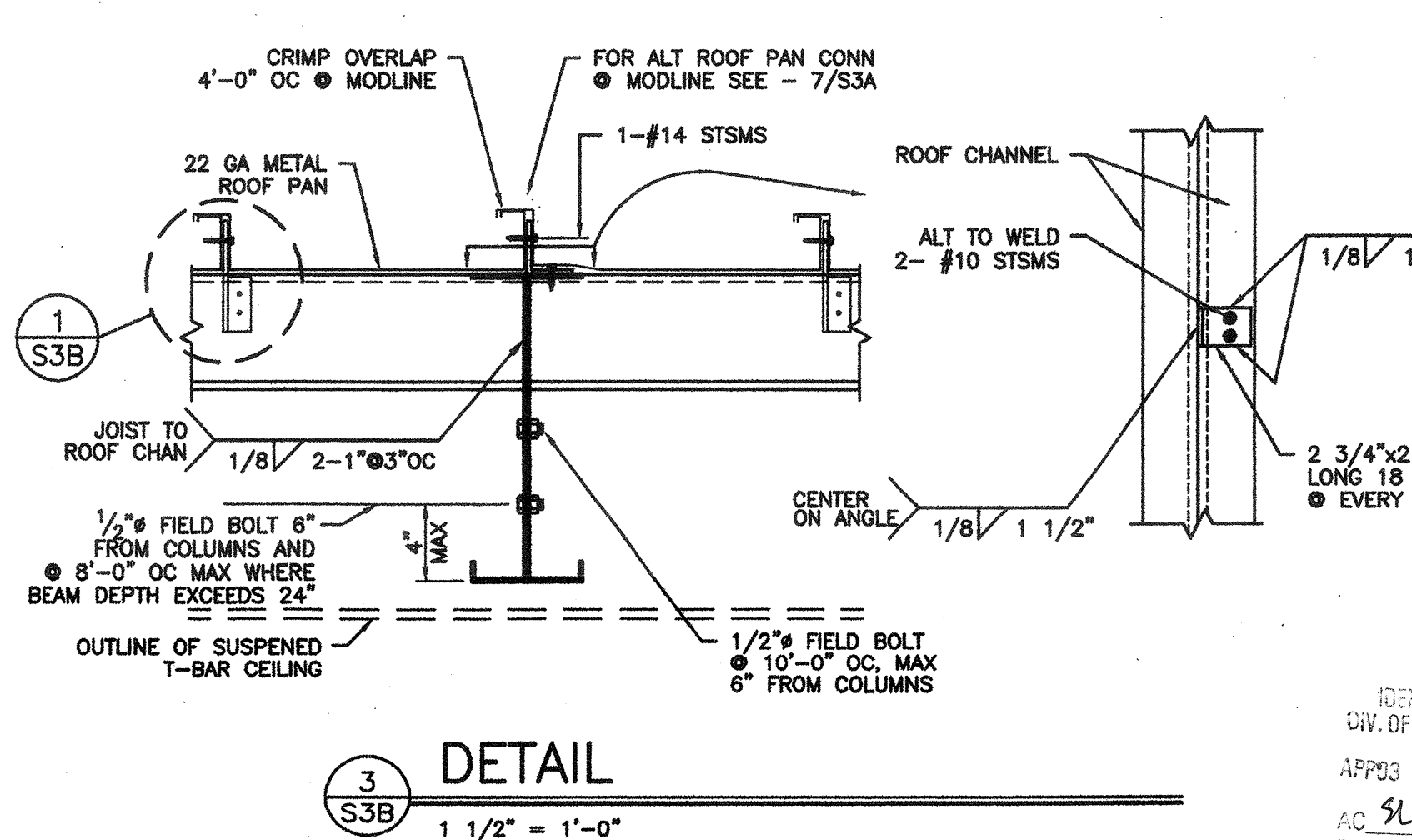
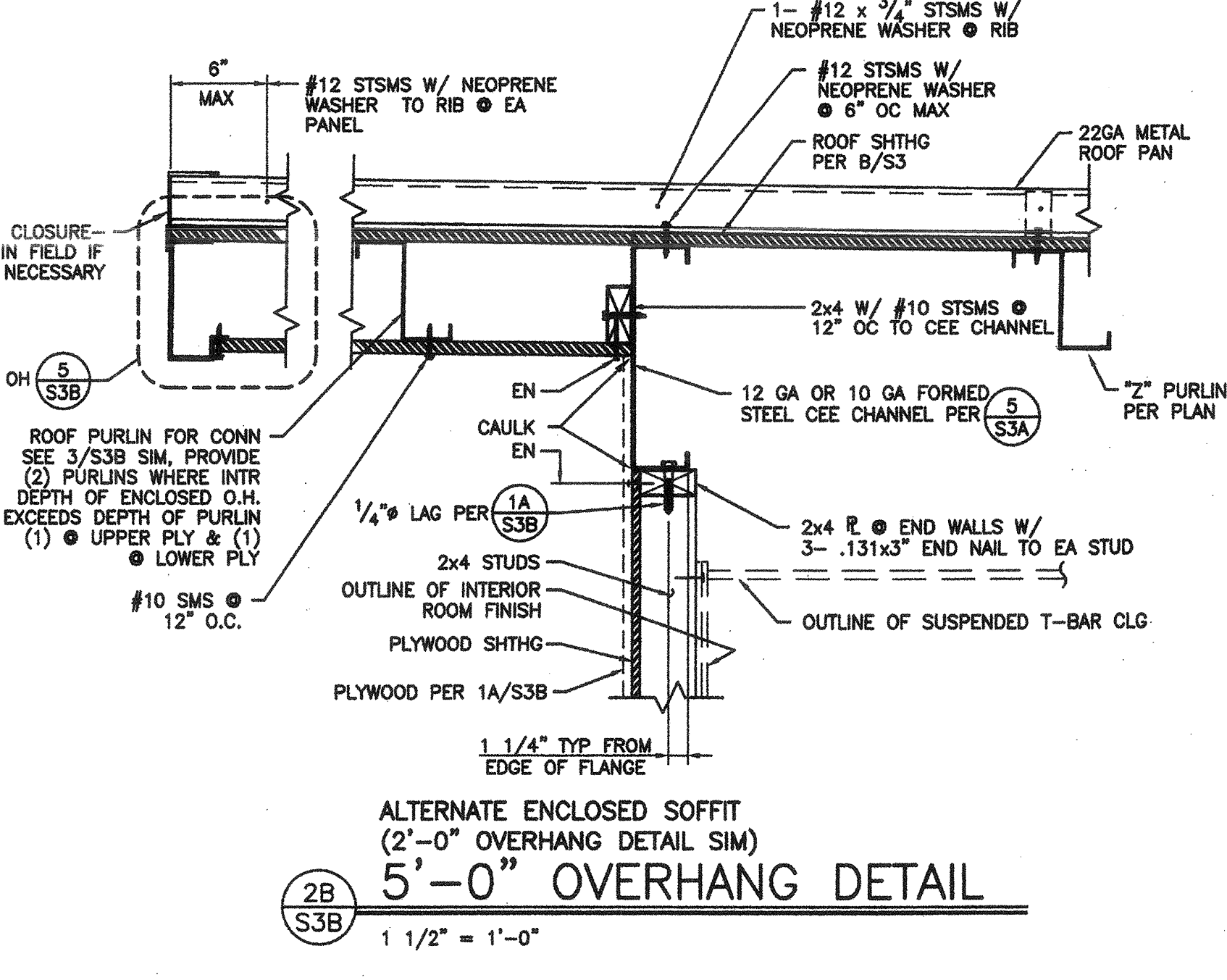
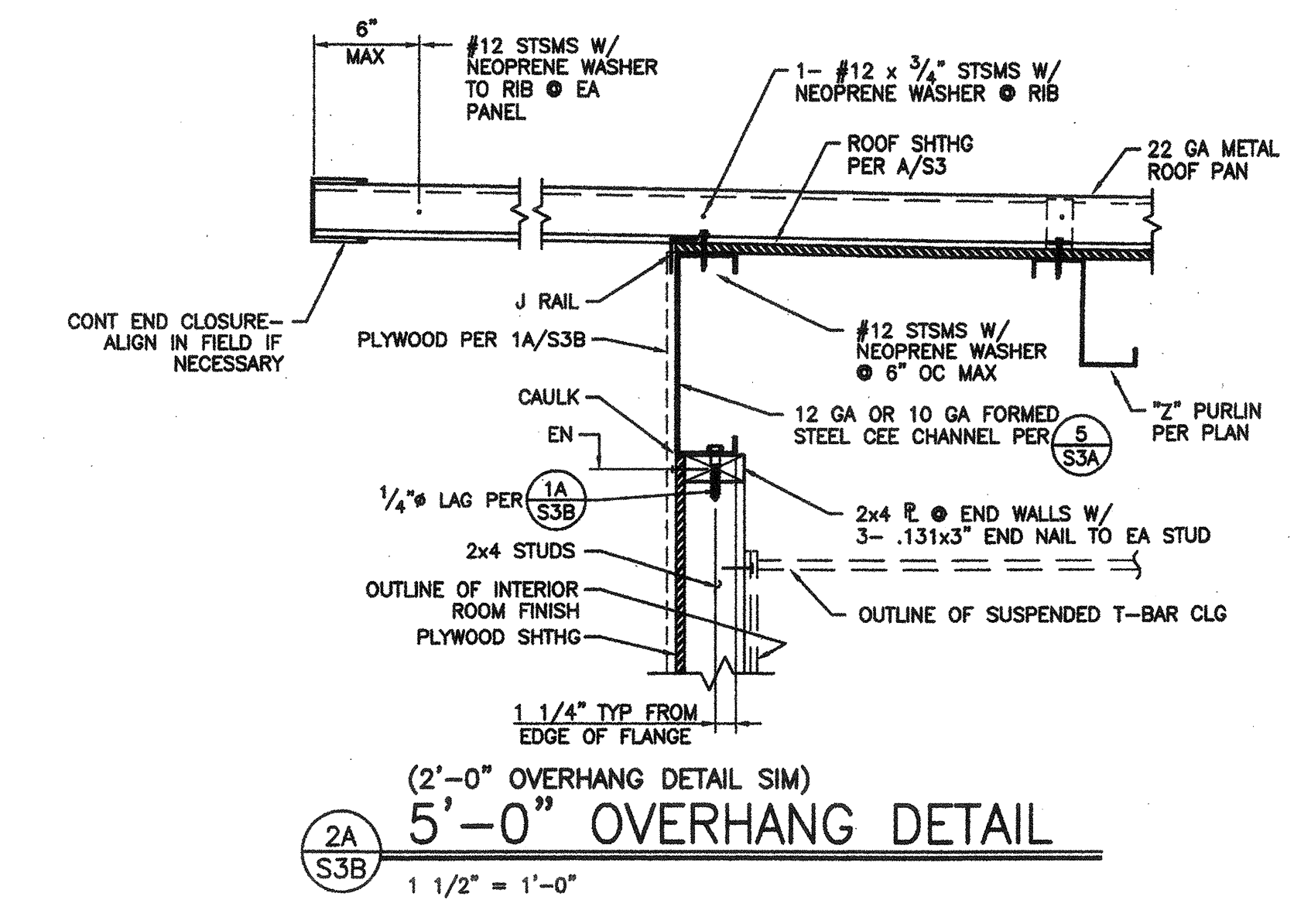
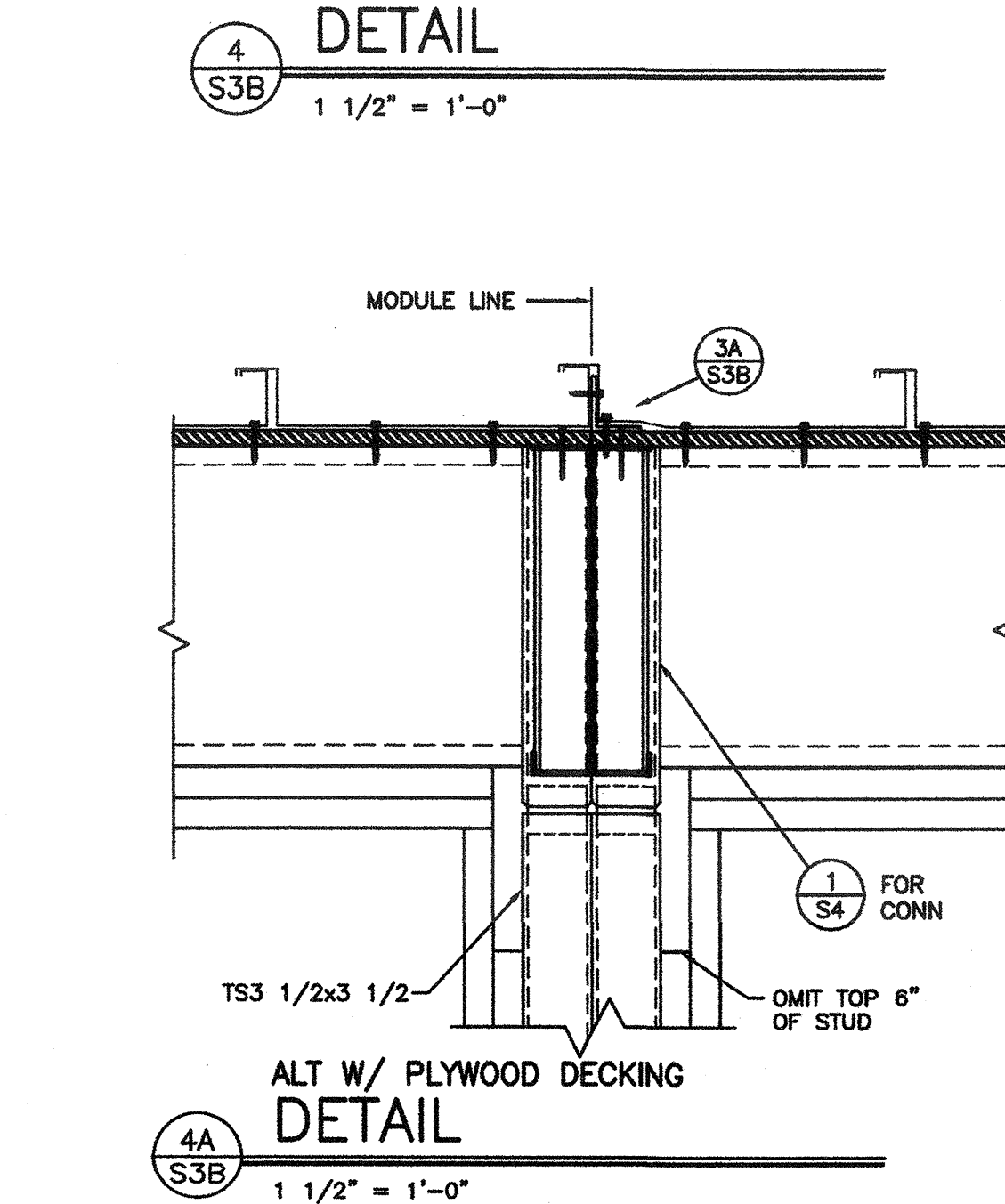
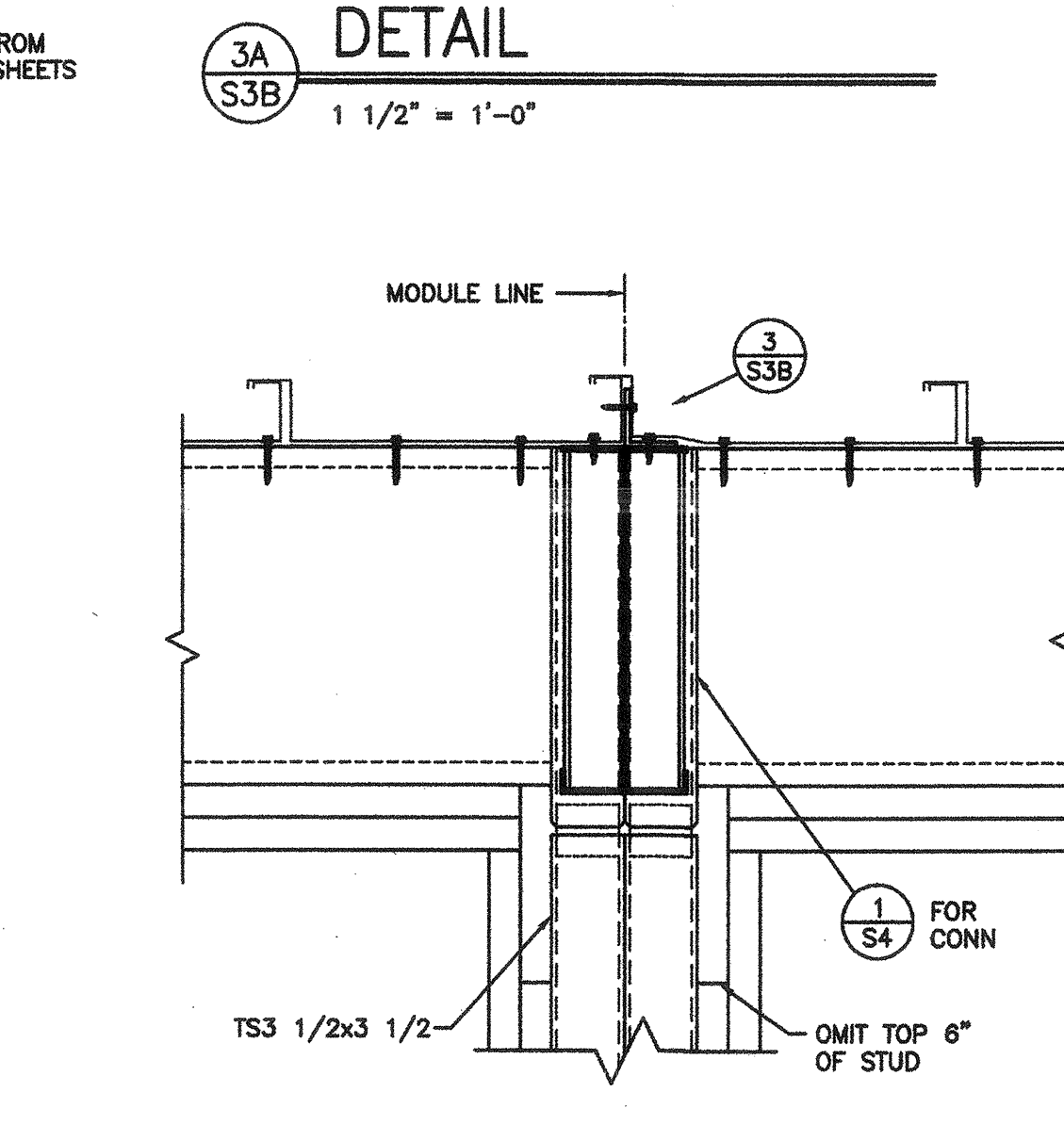
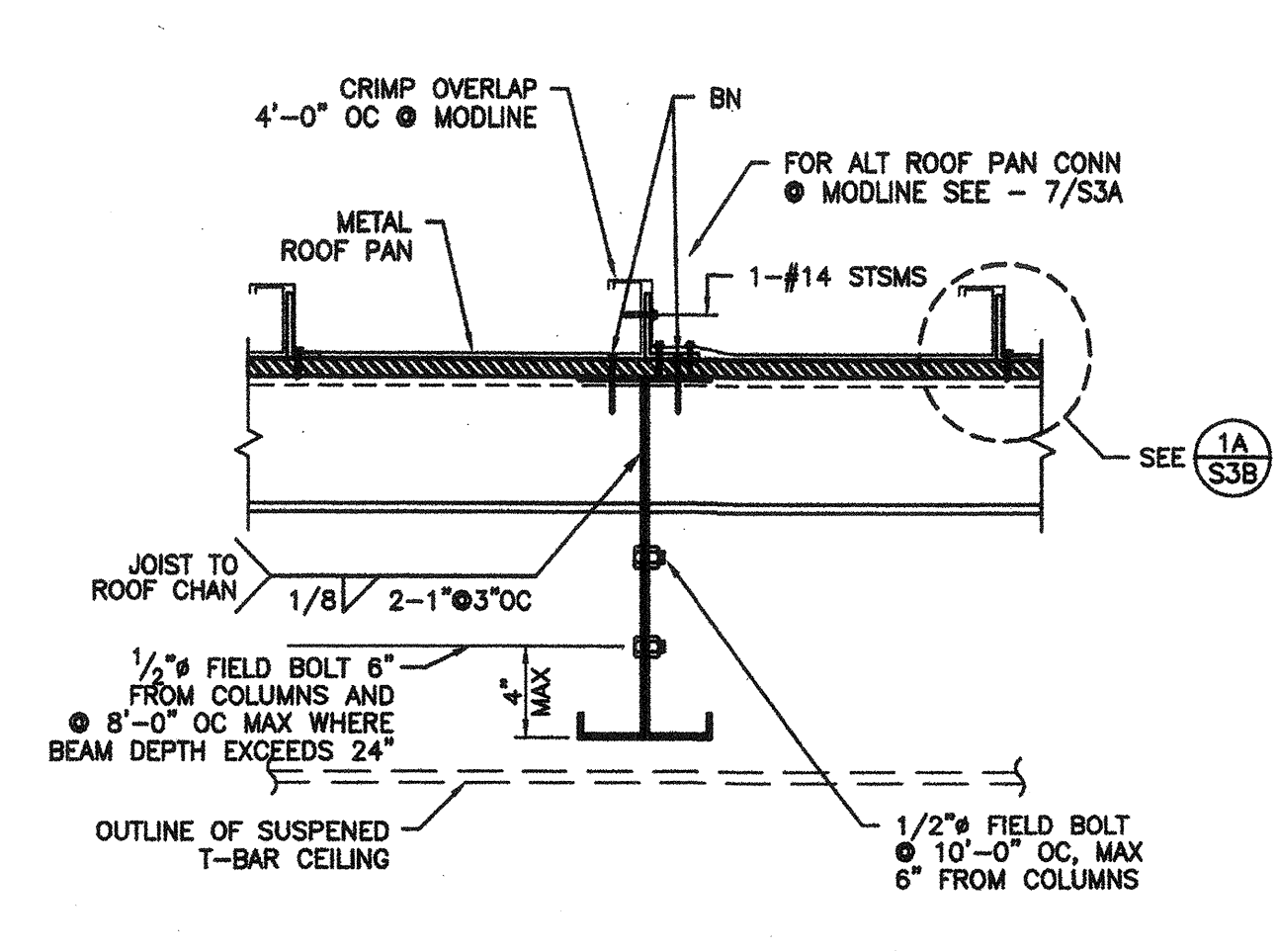
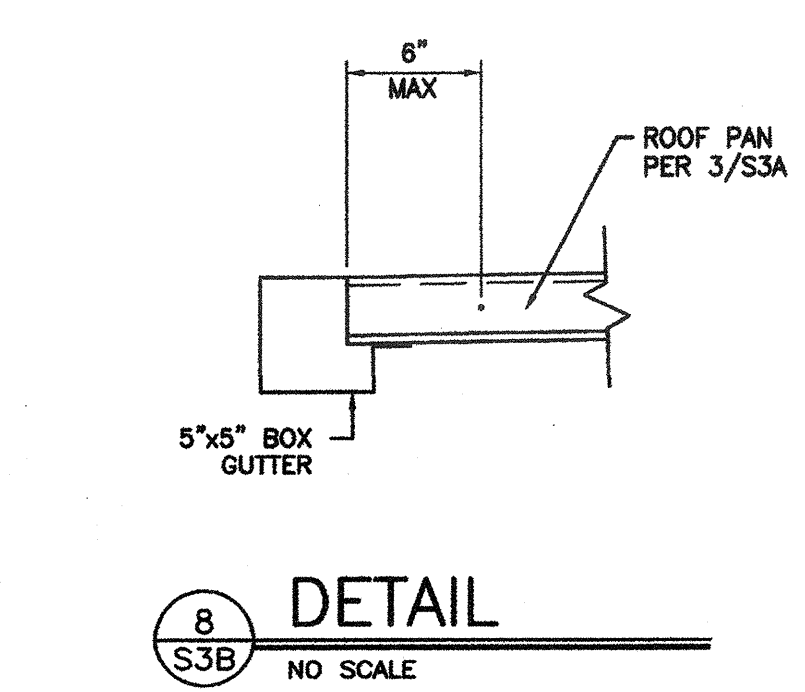
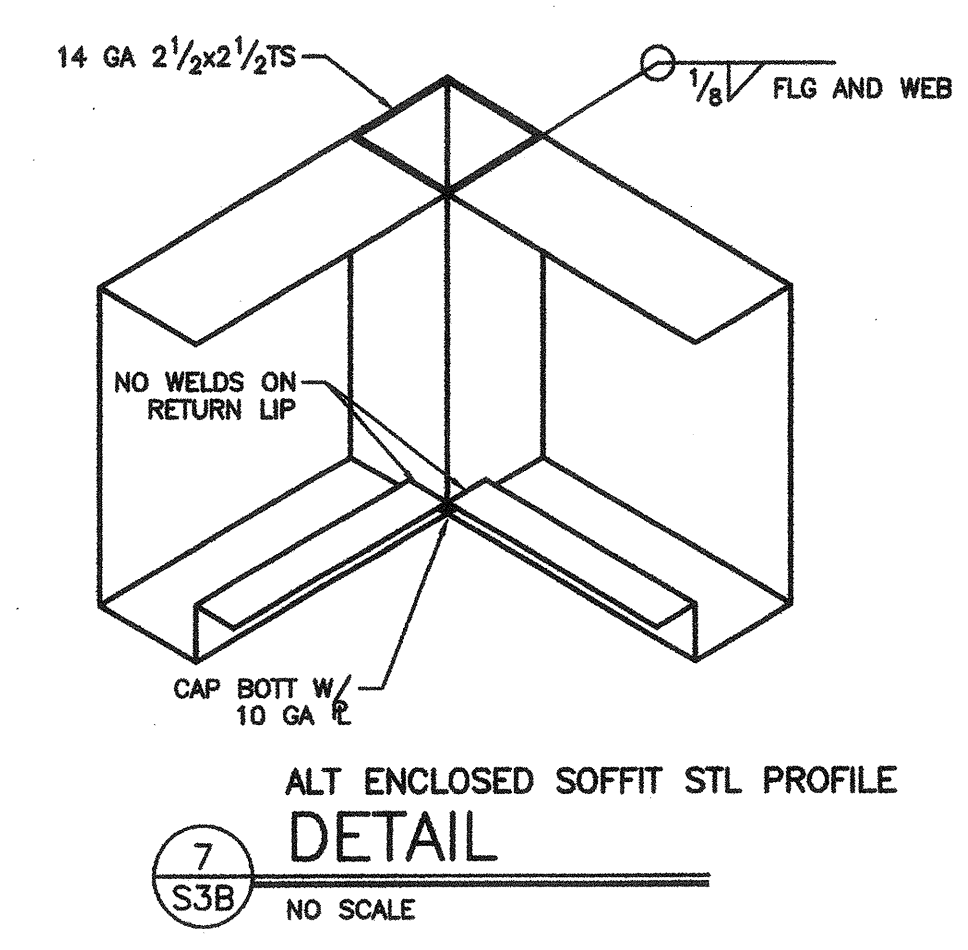
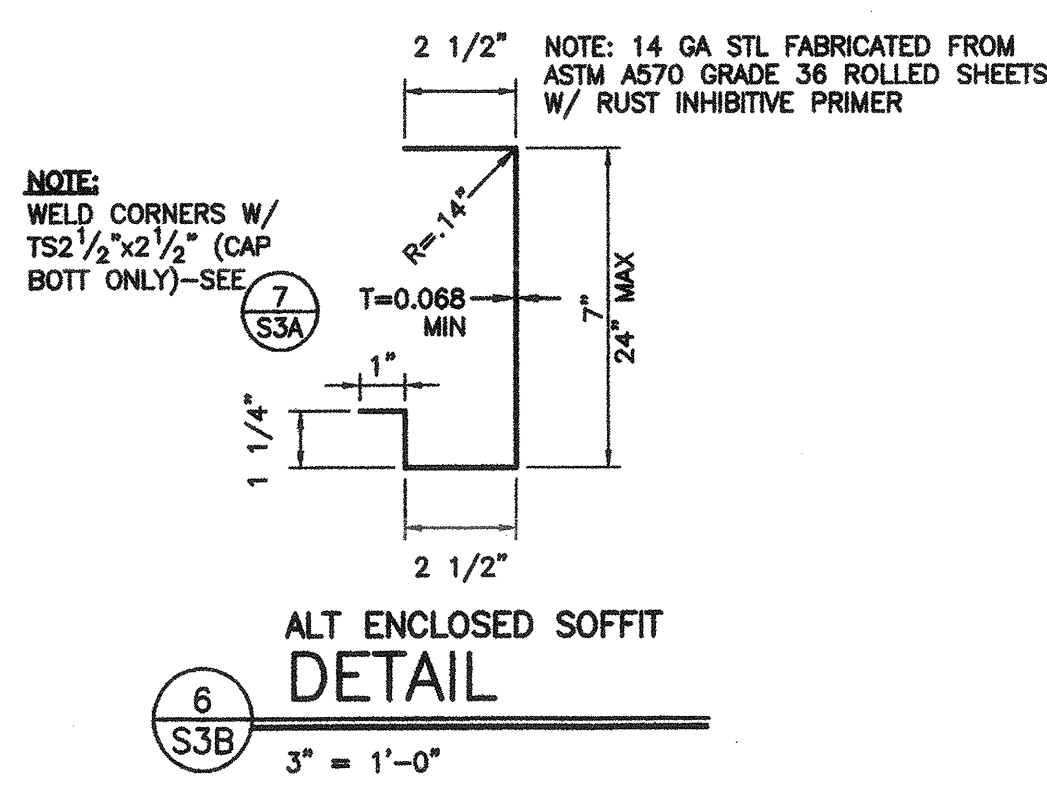
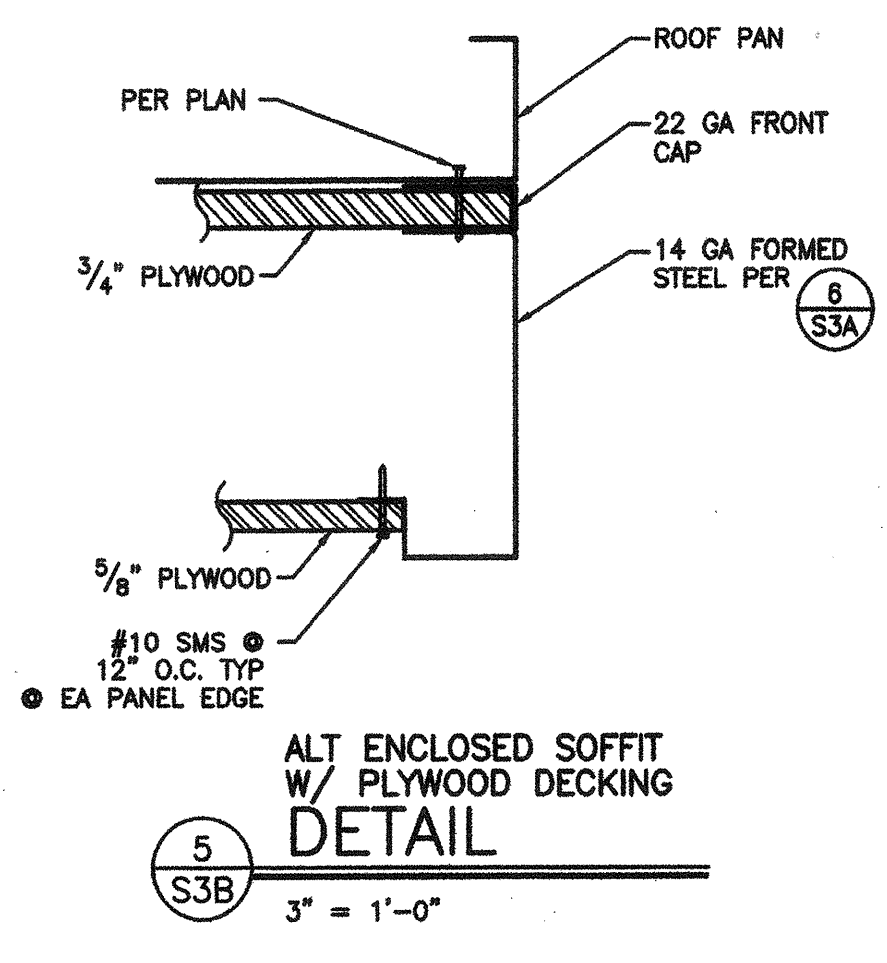
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DESIGNED BY: MGB
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APPROVED: _____
DATE: JUL 0 3 2019

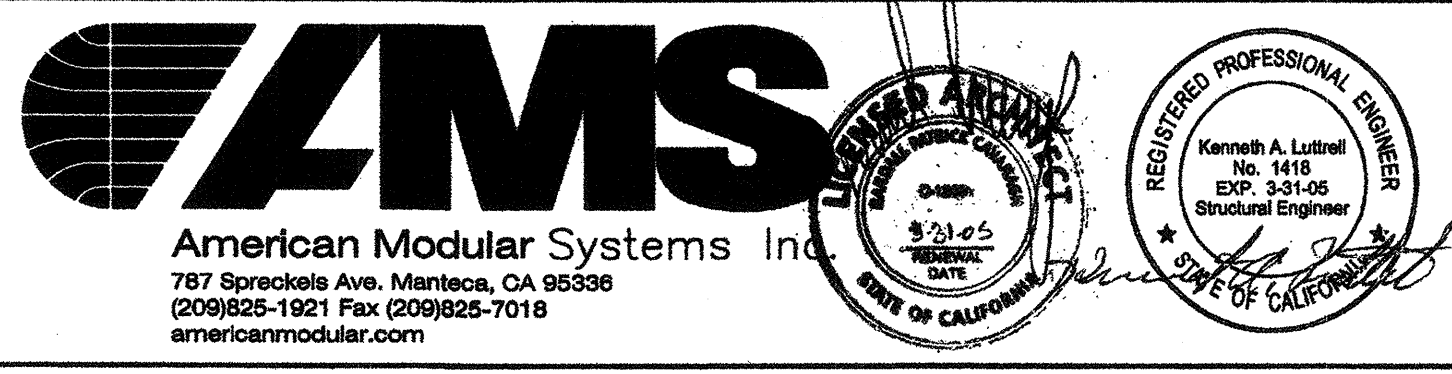
REVISIONS	
NO	DESCRIPTION

PROJECT No.
02156-15

SHEET No.
S3A



24'x60' TO 120'x60'
EXPOSED STEEL
RELOCATABLE
CLASSROOM

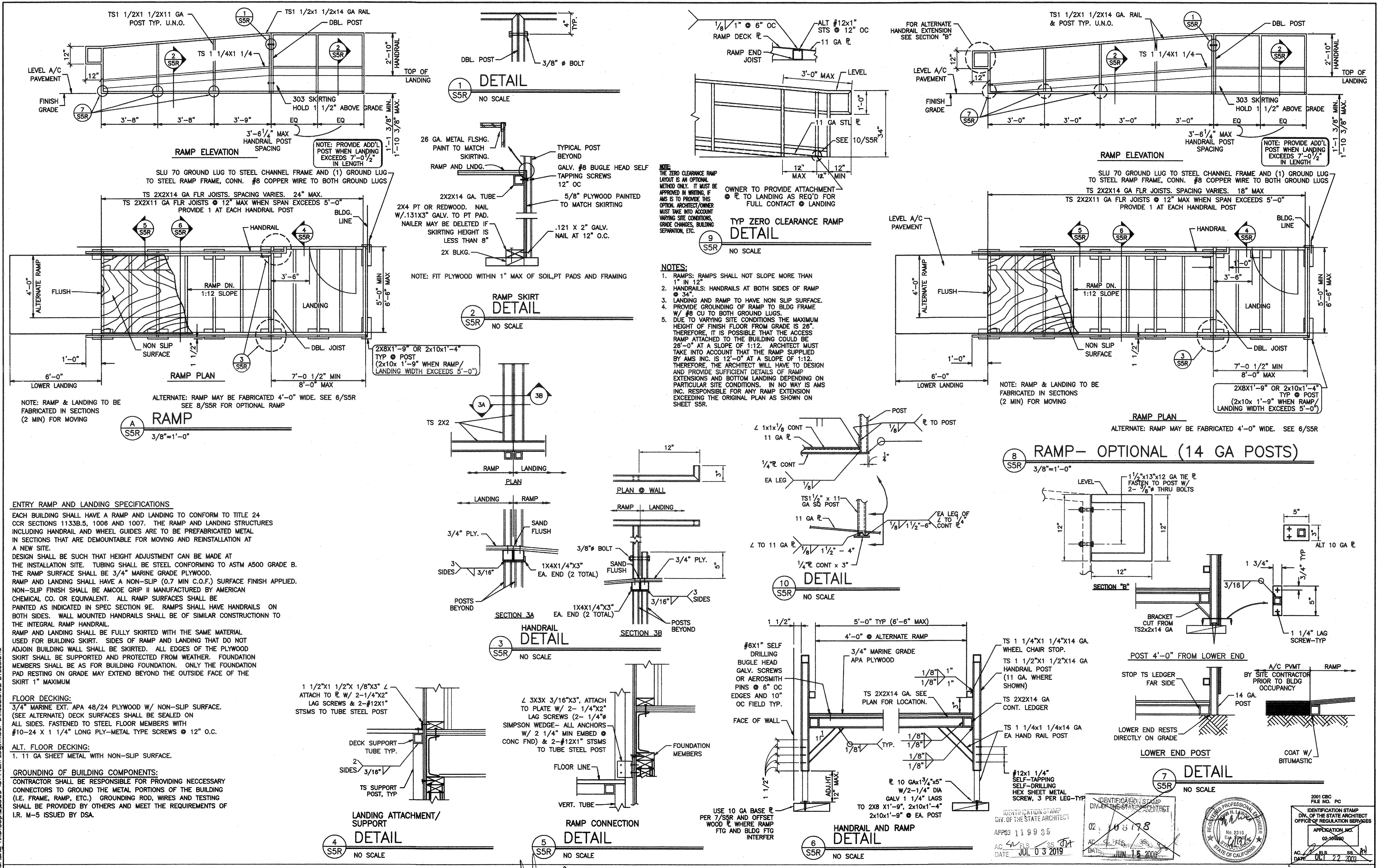


CUSTOMER: _____
ROOF SECTIONS & DETAILS

DATE: 8/26/03
SCALE: AS NOTED
DRAWN BY: REM
DESIGNED BY: MJB
CHECKED BY: KAL
SERIAL NO. _____

NO		DATE	DESCRIPTION	NO		DATE	DESCRIPTION

PROJECT No.
02156-15
SHEET No.
S3B



ENTRY RAMP AND LANDING SPECIFICATIONS

EACH BUILDING SHALL HAVE A RAMP AND LANDING TO CONFORM TO TITLE 24 COR SECTIONS 11338.5, 1006 AND 1007. THE RAMP AND LANDING STRUCTURES INCLUDING HANDRAIL AND WHEEL GUIDES ARE TO BE PREFABRICATED METAL IN SECTIONS THAT ARE DEMOUNTABLE FOR MOVING AND REINSTALLATION AT A NEW SITE.

DESIGN SHALL BE SUCH THAT HEIGHT ADJUSTMENT CAN BE MADE AT THE INSTALLATION SITE. TUBING SHALL BE STEEL CONFORMING TO ASTM A500 GRADE B. THE RAMP SURFACE SHALL BE 3/4" MARINE GRADE PLYWOOD.

RAMP AND LANDING SHALL HAVE A NON-SLIP (0.7 MIN COF) SURFACE FINISH APPLIED. NON-SLIP FINISH SHALL BE AMCOE GRIP II MANUFACTURED BY AMERICAN CHEMICAL CO. OR EQUIVALENT. ALL RAMP SURFACES SHALL BE PAINTED AS INDICATED IN SPEC SECTION 9E. RAMP SHALL HAVE HANDRAILS ON BOTH SIDES. WALL MOUNTED HANDRAILS SHALL BE OF SIMILAR CONSTRUCTION TO THE INTEGRAL RAMP HANDRAIL.

RAMP AND LANDING SHALL BE FULLY SKIRTED WITH THE SAME MATERIAL USED FOR BUILDING SKIRT. SIDES OF RAMP AND LANDING THAT DO NOT ADJOIN BUILDING WALL SHALL BE SKIRTED. ALL EDGES OF THE PLYWOOD SKIRT SHALL BE SUPPORTED AND PROTECTED FROM WEATHER. FOUNDATION MEMBERS SHALL BE AS FOR BUILDING FOUNDATION. ONLY THE FOUNDATION PAD RESTING ON GRADE MAY EXTEND BEYOND THE OUTSIDE FACE OF THE SKIRT 1" MAXIMUM.

FLOOR DECKING:
3/4" MARINE EXT. APA 48/24 PLYWOOD W/ NON-SLIP SURFACE. (SEE ALTERNATE) DECK SURFACES SHALL BE SEALED ON ALL SIDES. FASTENED TO STEEL FLOOR MEMBERS WITH #10-24 X 1 1/4" LONG PLY-METAL TYPE SCREWS @ 12" O.C.

ALT. FLOOR DECKING:
1. 11 GA SHEET METAL WITH NON-SLIP SURFACE.

GROUNDING OF BUILDING COMPONENTS:
CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING NECESSARY CONNECTORS TO GROUND THE METAL PORTIONS OF THE BUILDING (I.E. FRAME, RAMP, ETC.) GROUNDING ROD, WIRES AND TESTING SHALL BE PROVIDED BY OTHERS AND MEET THE REQUIREMENTS OF I.R. M-5 ISSUED BY DSA.

24'x60' TO 120'x60'
EXPOSED STEEL
RELOCATABLE
CLASSROOM

AMS
American Modular Systems Inc.
787 Spruceville Ave. Maricopa, CA 95336
(916) 925-1921 Fax (916) 925-7018
americanmodular.com

CUSTOMER:

RAMP PLAN, ELEVATIONS
AND DETAILS

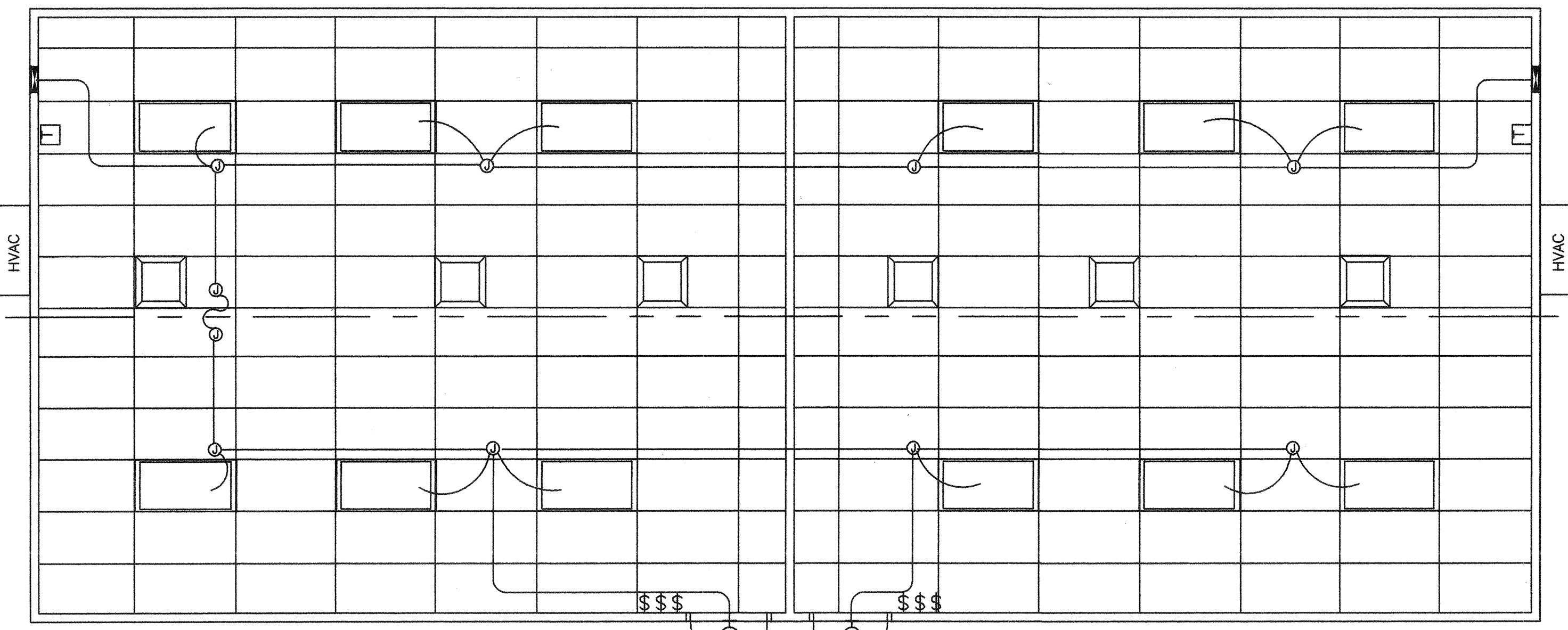
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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPROX 11 99 95
AC 4/15/03
DATE: JUL 03 2019

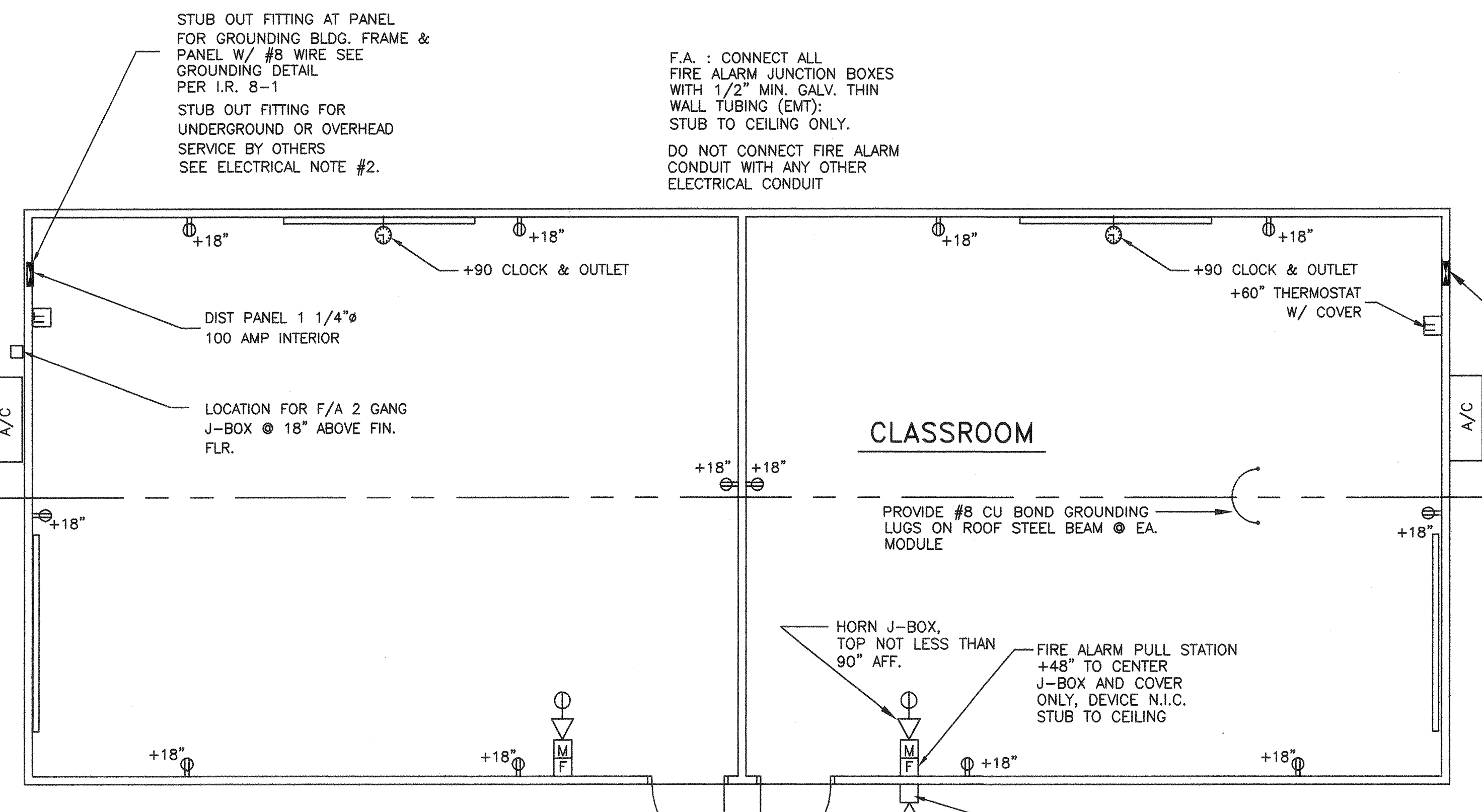
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AC 4/15/03
DATE: JUN 18 2007

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPROX 11 99 95
AC 4/15/03
DATE: OCT 27 2002

PROJECT No. 02156-15
SHEET No. SSR



1 LIGHT FIXTURE PLAN
1/4" = 1'-0"



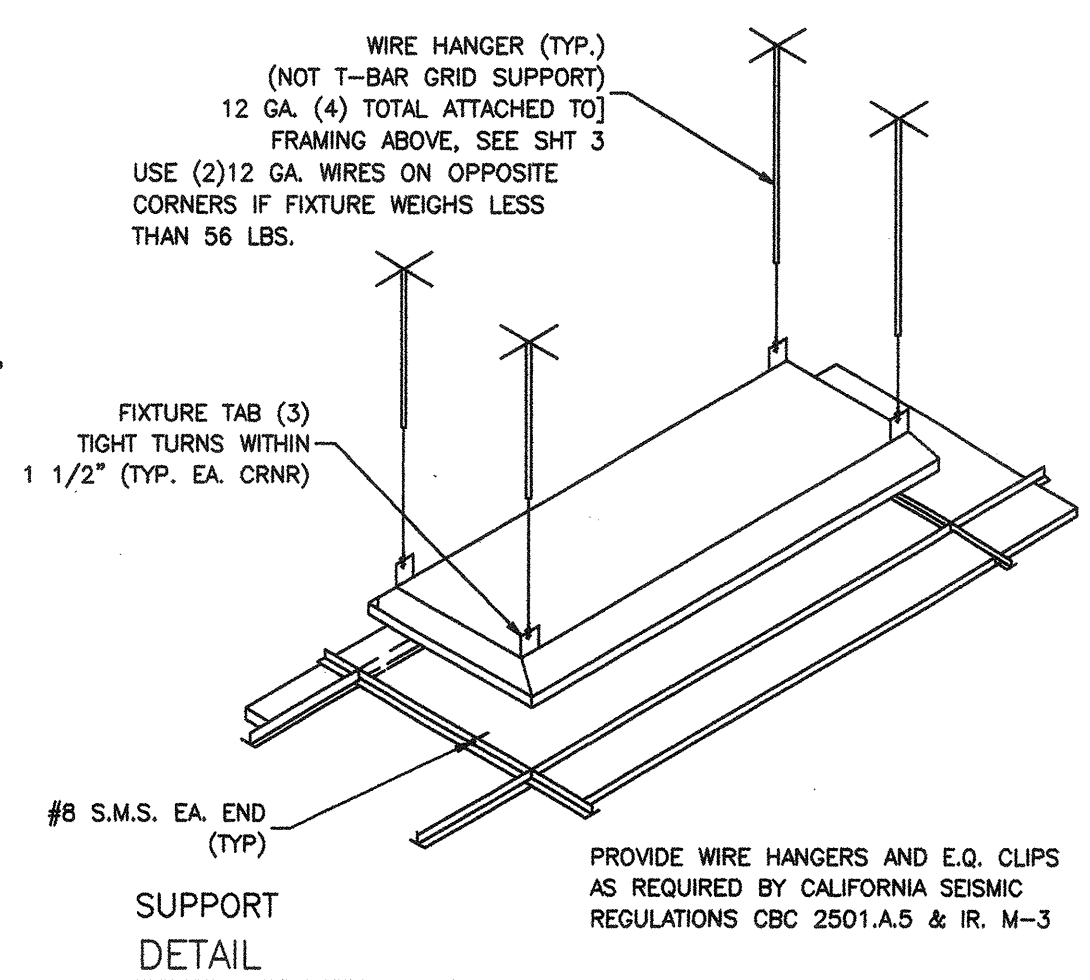
2 ELECTRICAL PLAN
1/4" = 1'-0"

FIRE ALARM Junction boxes - Galvanized sheet metal, square or rectangular with blank covers. Locate one box at rear of building near main electrical panel at +18" above finish floor for future connection. Covers - install gasketed, metal, waterproof, finish covers at exterior locations. Install finish covers at interior locations. If testing results determine fire alarm audibility does not meet 15db over ambient noise levels, additional fire alarm signaling devices may be required by the enforcing agency.

STANDARD ELECTRICAL SYMBOLS

- FLUORESCENT LIGHTING FIXTURE - SURFACE MOUNTED.
- FLUORESCENT LIGHTING FIXTURE - RECESSED.
- FLUORESCENT LIGHTING FIXTURE - WALL MOUNTED (EXTERIOR).
- INCANDESCENT LIGHTING FIXTURE - WALL MOUNTED (INTERIOR).
- DUPLEX WALL CONVENIENCE OUTLETS +18".
- SINGLE POLE LIGHT SWITCHES +48", HUBBELL PREMIUM, BRYANT HEAVY DUTY, OR LEVITON SPECIFICATIONS GRADE.
- ELECTRICAL CROSSOVER J-BOXES ABOVE T-BAR CEILING #1-4"x1", #22 4"x2"
- WALL CLOCK OUTLET WITH POWER OUTLET +84".
- SWITCH SUBSCRIPTS - a=DEVICE CONTROLLED.
- 15 AMP DUPLEX RECEPTACLE +18".
- JUNCTION BOX - SIZE AND TYPE AS REQUIRED.
- PANELBOARD - SEE SCHEDULE.
- TERMINAL CABINET - SIZE AND TYPE AS NOTED.
- CONDUIT CONCEALED IN CEILING OR WALL.
- CONDUIT CONCEALED BELOW FLOOR OR GRADE.
- HOMERUN TO RESPECTIVE PANEL TO TERMINAL.
- INDICATES 1#14 (GREEN) GROUND WIRE, OTHER SIZES AS INDICATED.
- BRANCH CIRCUIT WITHOUT FURTHER DESIGNATION IS A 2#14 WIRE CIRCUIT, FOR MORE THAN 2#14 WIRES AS FOLLOWS, -H-3#14, -H-4#14 ETC. FOR OTHER SIZES AS FOLLOWS, -H-3#10, -H-4#6 ETC.

- NOTE
- FIXTURE IDENTIFICATION - LETTER INDICATES TYPE.
- N.I.E.S. ABBREV. FOR NOT IN ELECTRICAL SECTION OF THESE PLANS AND SPEC'S.
- MT ABBREV. FOR EMPTY CONDUIT WITH POLY PULL CORD.
- FUSED DISCONNECT SWITCH SIZE AS REQUIRED. PROVIDE FUSES AS RECOMMENDED BY EQUIPMENT SUPPLIER.
- [W.E.F.] WALL MOUNTED EXHAUST FAN N.I.E.S. CONNECT AS REQUIRED.
- 50 AMP 250 VOLT RANGE RECEPTACLE.
- FIRE ALARM STATION - OUTLET ONLY, 4" SQ. BOX W/ SINGLE DEVICE RING AND COVER +48" CENTERLINE
- FIRE ALARM HORN - OUTLET ONLY - 4" SQ. BOX W/ SINGLE DEVICE RING AND COVER +90" MIN. AND NOT LESS THAN 6" BELOW FINISHED CEILING.
- FIRE ALARM VISUAL ALARM - OUTLET ONLY - 4" SQ. BOX W/ SINGLE DEVICE RING AND COVER BOTTOM +80". A.F.F. BUT NO GREATER THAN +96", IF CEILING MOUNTED PER NFPA72 TABLE 6-4.4.1(b).
- SPEAKER - OUTLET ONLY - 4" SQ. BOX W/ SINGLE DEVICE RING AND COVER +84"
- INTERCOM TELEPHONE - OUTLET ONLY - 4" SQ. BOX W/ SINGLE DEVICE RING AND COVER +48"
- FIRE ALARM MINI HORN - OUTLET ONLY - 4" SQ. BOX W/ SINGLE DEVICE RING AND COVER +90" MIN. AND NOT LESS THAN 6" BELOW FINISHED CEILING.



The H.V.A.C. unit feeder circuit - panel circuit breaker, feeder wire, unit disconnect and fuses (where used) - is to be coordinated with the name plate data at the time of manufacture. H.V.A.C. units having KVA ratings larger than that indicated on this panel schedule will not be allowed to be installed on this building. If 60 degree C. wire is to be used in this installation, calculations demonstrating ampacity be provided on the drawing.

FIRE ALARM SYSTEM
1. THE FIRE ALARM SYSTEM SHALL CONFORM TO THE CALIFORNIA ELECTRICAL CODE.
2. INSTALLATION OF THE FIRE ALARM SYSTEM SHALL NOT BE STARTED UNTIL DETAILED PLANS AND SPECIFICATIONS, INCLUDING CALIFORNIA STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM HAVE BEEN APPROVED BY THE DIVISION OF THE STATE ARCHITECT.
3. UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE ENFORCING AGENCY.

GENERAL NOTES
1. GROUNDING ELECTRODE CONDUCTOR SIZED PER C.E.C. AS REQUIRED BY CALIFORNIA SEISMIC REGULATIONS CBC 2501A.5 & I.R. M-3
2. ALLOW FOR 12" MOVEMENT IN ANY DIRECTION IF PAD FOUNDATION IS USED.
3. PROVIDE BONDS TO BLDG. STEEL & PANEL (#8 CU)
4. PANEL TO LISTED FOR USE AS SERVICE EQUIPMENT.

FIXTURE NOTES:
1. ALL FLUORESCENT LIGHT FIXTURES SHALL HAVE ENERGY SAVING LAMPS AND BALLASTS.
2. LAMPS/BALLASTS SHALL BE CERTIFIED PER CALIFORNIA BUILDING CODE TITLE 24.
3. FLUORESCENT LIGHT FIXTURE TYPE "A" SHALL BE CONTROLLED TO PROVIDE TWO LEVELS OF LIGHTING. SWITCH (SA) SHALL CONTROL THE TWO OUTER LAMPS AND SWITCH (SB) SHALL CONTROL THE TWO INNER LAMPS.

ELECTRICAL
1. Electrical service drop and connections supplied by others.
2. Manufacturer to provide stub-out from back of electrical panel through the exterior wall for receiving either underground or overhead service & fitting for grounding cable.
3. Electrical panel board shall be recess mounted inside the building. Sized to accommodate all connected loads including spaces as shown. Overcurrent protective devices in the panel boards have adequate short circuit interrupting capacity. All buses including bus shall be copper or aluminum.
4. 2x4 Fluorescent fixtures shall be steel frame, lens shall be hinged and locked in place by two locking devices. The lens diffusers shall be K9S, Inc. #KSH-12, Corolla, Inc. #C-12 or Pioskolite, Inc. #PL21A. Minimum lens thickness shall be .125 inch.
5. Fluorescent ballast shall be energy saver while maintaining full light output, class "P" equipped with thermal protectors, guaranteed against failure for (2) years and to be replaced from inside the fixture.
6. Clock - 12" dial clock on clock outlet.

A) Clock shall be General Electric model 2912 129V 60 cycle
B) Clock outlet shall be Bryant #2828 or equal with separable hanging clip & app'd recept.

SYMBOL	DESCRIPTION	WATTS	MANUFACTURER
[Symbol]	2'x4' FLUORESCENT DROP IN FIXTURE, ACRYLIC PRISMATIC LENS, T-8 ELECTRONIC BALLASTS (3)35 WATT TUBES, WT. 27 LBS.	SP41 32W	CRESCENT MASTER 240P332FSA11K0YU1 SLAVE 240P332FSA11XXV6
[Symbol]	FLUORESCENT SURFACE MOUNTED EXTERIOR LIGHT WITH IMPACT RESISTANT ENCLOSURE. .125 THICK CLEAR PRISMATIC ONE PIECE LENS W/ NEOPRENE GASKET & "POSIGRIP" STAINLESS STEEL SCREWS.	(2) 7W TT 2700 K	ENERTRON 7026B-L OR OR EQUAL

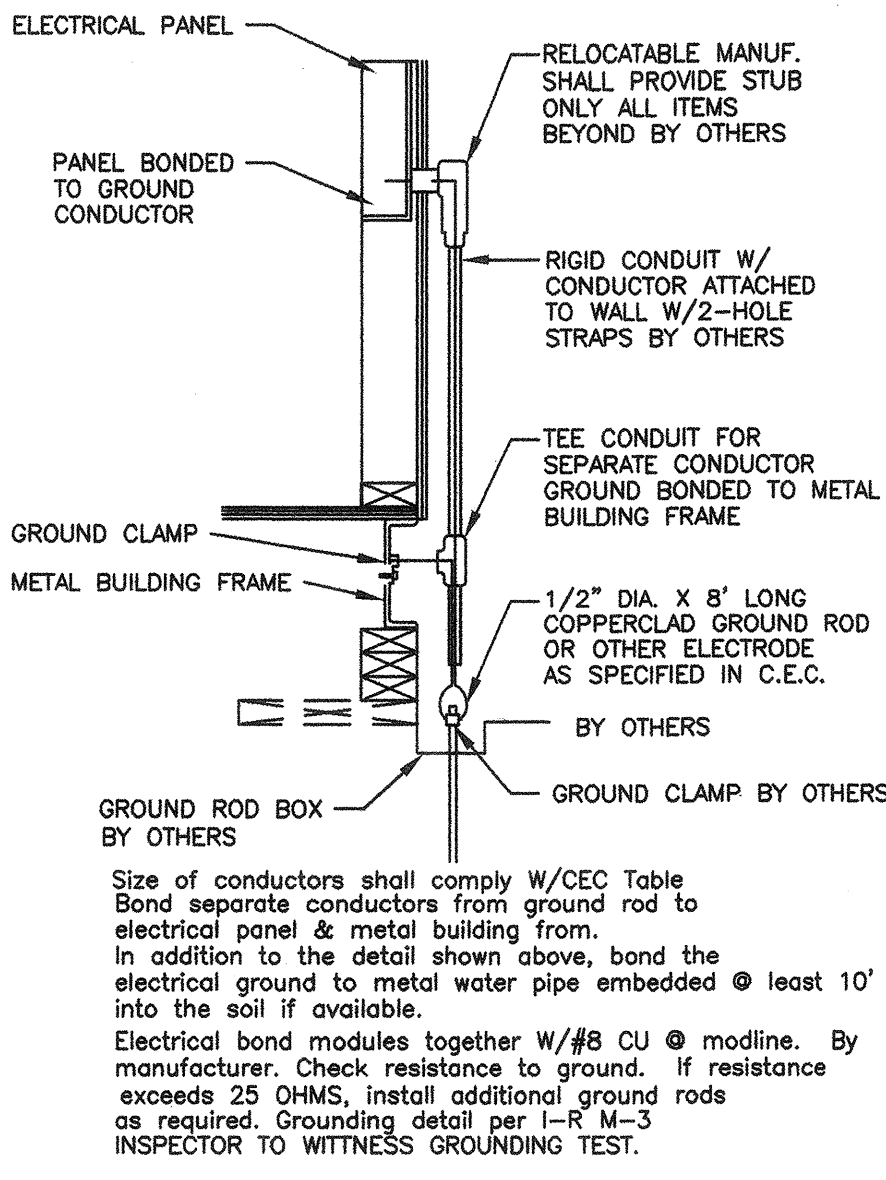
SEE TYPICAL CLASSROOM LAYOUT FOR LOCATIONS OF ALL DEVICES. FIXTURE MOUNTING SHALL COMPLY WITH CALIFORNIA SEISMIC REGULATIONS.

THE LIGHTS FOR EACH ROOM OVER 250 SQUARE FEET SHALL BE CONTROLLED BY ULTRASONIC OCCUPANCY SENSOR, WATT STOPPER W-500A, W-1000A, OR W-2000A (OR EQUAL) BASED ON THE ROOM SIZE, IN CONJUNCTION WITH BI-LEVEL SWITCHING.

VOLTS: 120/240 SINGLE PHASE		PANEL: A		FEED: EXTERIOR LB	
MAIN: 100 AMP MAIN BKR.		LOCATION: INTERIOR		MOUNTING: FLUSH	
LOAD	WATTS	BRK. A	BRK. B	WATTS	LOAD
LIGHTS, FLUORESCENT	460	15	11	2 260 5830	A/C HVAC UNIT
LIGHTS, FLUORESCENT	460	15	11	5830	A/C HVAC UNIT
EXTERIOR LIGHT & CLOCK	100	15	11	6 260 5830	A/C HVAC UNIT
DUPLEX RECEPT.	720	15	11	8	5830 A/C HVAC UNIT
DUPLEX RECEPT.	720	15	11	10 15 720	DUPLEX RECEPT.
LIGHTS, FLUORESCENT	460	15	11	12	SPACE
LIGHTS, FLUORESCENT	460	15	11	13	
SPACE		15	11	14	
SPACE		15	11	16	
PHASE WATTAGE	1740(1640)	17	17	12380 (11660)	PHASE WATTAGE
TOTAL WATTS "A"LEG:14120				TOTAL WATTS "B"=27420	TOTAL WATTS "B" LEG 13300
TOTAL WATTS: 27420		114	AMPS	120/240V	SINGLE PHASE
				150AMP BUS.	

FEEDERS: TO BE RUN BY THE DISTRICT EITHER UNDERGROUND OR OVERHEAD, SEE SITE ELEC. PLAN.

3 ELECTRICAL DISTRIBUTION PLAN
1/4" = 1'-0"



A BUILDING GROUND DETAIL
E1 N.T.S.

NOTE:
THE PROJECT ARCHITECT SHALL BE RESPONSIBLE FOR THE PLACEMENT OF HEAT AND SMOKE DETECTORS WHEN THE SITE SPECIFIC PROJECT IS REQUIRED TO MEET THE PROVISIONS OF SB 575

NOTE:
STUB OUT LOCATIONS FOR ELECTRICAL PANEL, FIRE ALARM, AND DATA BOXES. LOCATIONS SHOWN ARE DIAGRAMMATICAL ONLY. EXACT LOCATIONS MAY VARY +/- SEVERAL FEET. PLEASE CONTACT AMERICAN MODULAR SYSTEMS FOR EXACT LOCATIONS. POINT OF CONNECTION WILL BE AT FACE OF BUILDING.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
No. 9310
DATE: JUL 03 2019
FILE NO. 02-108178
DATE: JUN 15 2019

BASED ON PC# 02-104920



CUSTOMER:
MOBILE MODULAR MANAGEMENT
#779-#784

ELECTRICAL PLAN & NOTES

DATE: 06/12/06
SCALE: NONE
DRAWN BY: MP
CHECKED BY:
CHECKED BY:
SERIAL NO.

REVISIONS				
NO	DATE	DESCRIPTION	NO	DATE
▲			▲	
▲			▲	
▲			▲	

PROJECT No.
SHEET No.
E1