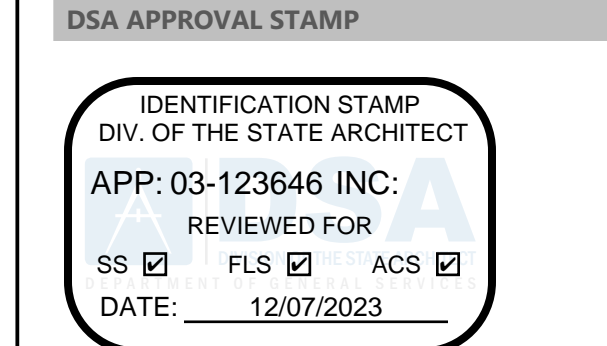


NEW BUILDINGS SHALL BE PROVIDED WITH EMERGENCY RESPONDER RADIO COVERAGE IN ACCORDANCE WITH CALIFORNIA FIRE CODE SECTION 510. THE PROJECT ARCHITECT (AOR) SHALL CONTACT THE LOCAL FIRE DEPARTMENT AND/OR EMERGENCY COMMUNICATIONS AUTHORITY TO OBTAIN DESIGN, EQUIPMENT SPECIFICATIONS, TESTING AND ACCEPTANCE CRITERIA. PLANS AND REQUESTED DOCUMENTATION SHALL BE SUBMITTED TO THE LOCAL AUTHORITY HAVING JURISDICTION FOR REVIEW AND APPROVAL. UPON COMPLETION, COPIES OF THE APPROVED PLANS, EQUIPMENT DATA SHEETS, TESTING AND ACCEPTANCE DOCUMENTATION SHALL BE PROVIDED TO THE SCHOOL DISTRICT.



THESE DRAWINGS ARE THE PROPERTY OF THE ARCHITECT. THE DESIGN SHOWN AND DESCRIBED HEREIN INCLUDING ALL TECHNICAL DRAWINGS ARE PROPRIETARY AND CANNOT BE COPIED, DUPLICATED OR COMMERCIAALLY EXPLOITED, IN WHOLE OR IN PART. THE DRAWINGS AND SPECIFICATIONS SHALL NOT BE USED BY THE OWNER ON OTHER PROJECTS, FOR ADDITIONS TO THIS PROJECT, OR FOR COMPLETION OF THIS PROJECT BY OTHERS. THE OWNER AGREES TO HOLD HARMLESS, INDEMNIFY AND DEFEND THE ARCHITECT AGAINST ALL DAMAGES, CLAIMS AND LOSSES, INCLUDING REASONABLE COSTS, ARISING OUT OF ANY REUSE OF THE PLANS AND SPECIFICATIONS WITHOUT THE WRITTEN AUTHORIZATION OF THE ARCHITECT OR RECORD.

NOTES:
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LEGEND

- F.H. FIRE HYDRANT
- FIRE LANE
- BUILDINGS (NOT PART OF THIS APPLICATION)
- NEW RELOCATABLE CLASSROOM BUILDING



810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the [DSA Forms](#) or [DSA Publications](#) webpages.

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 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 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.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy PL 09-01: *Fire Flow for Buildings*.

PROJECT INFORMATION

School District/Owner: Rowland Unified School District

Project Name/School: Telesis Academy

Project Address: 2800 E. Hollingworth St., West Covina, CA 91792

FIRE & LIFE SAFETY INFORMATION

1. Has a fire hydrant flow test been performed within the past 12 months? Yes No
(If yes, provide a copy of the test data.)

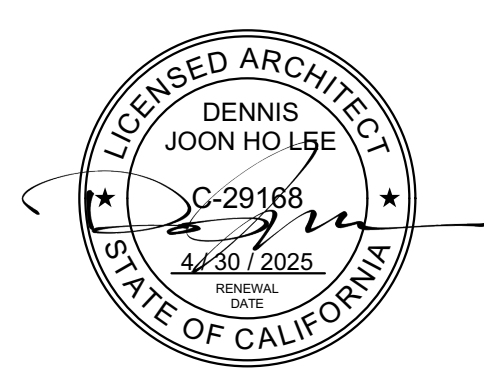
2. Was the fire hydrant water flow test performed as part of this LFA review? Yes No

3. Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? (If yes, indicate FHSZ classification below.) Yes No

Refer to the following website for FHSZ locations: <http://egis.fire.ca.gov/FHSZ/> Moderate High Very High

Wildland Interface Area (WIFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 7A.) WIFA

DGS DSA 810 (revised 12/29/20) DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 1 of 4



DSA 810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

CONDITION MEANS AND METHODS RESOLUTION	ALTERNATE ACCEPTED			
	Yes	No	N/A	N/R
4. Emergency vehicle access roadways do not meet CFC requirements.			<input checked="" type="checkbox"/>	
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.				<input checked="" type="checkbox"/>
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.				<input checked="" type="checkbox"/>
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.			<input checked="" type="checkbox"/>	
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"/>	

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 Email: _____

LFA Reviewer's Signature: _____ Date: _____

DGS DSA 810 (revised 12/29/20) DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 2 of 4

PART II INFORMATION ON FIRE FLOW AVAILABILITY (Part II to be completed by Water Purveyor)

Location of hydrant East side of Ellesford Ave. Hydrant Number FH29

Distance from Nearest Property Line 5' Size of Hydrant 6x4x2.5" Size of Water main 6"

Static PSI 77 Residual PSI 51 Orifice size 4" Pilot 25

Fire Flow at 20 PSI 2,689 Duration 5HR Flow Test Date / Time _____ Hydraulic model

Location of hydrant _____ Hydrant Number _____

Distance from Nearest Property Line _____ Size of Hydrant _____ Size of Water main _____

Static PSI _____ Residual PSI _____ Orifice size _____ Pilot _____

Fire Flow at 20 PSI _____ Duration _____ Flow Test Date / Time _____ Hydraulic model

(Check box if Simultaneous/ Dual flow test was performed) Combined flow at 20 psi _____

Location of hydrant _____ Hydrant Number _____

Distance from Nearest Property Line _____ Size of Hydrant _____ Size of Water main _____

Static PSI _____ Residual PSI _____ Orifice size _____ Pilot _____

Fire Flow at 20 PSI _____ Duration _____ Flow Test Date / Time _____ Hydraulic model

(Check box if Simultaneous/ Triple flow test was performed) Combined flow at 20 psi _____

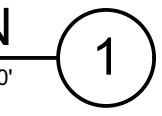
ROWLAND WATER DISTRICT
 Water Purveyor _____ Signature _____
 (562) 697-1726 10/13/2023 WATER SYSTEMS SUPERVISOR
 Phone Number _____ Date _____ Title _____

This Information is Considered Valid for Twenty Four Months

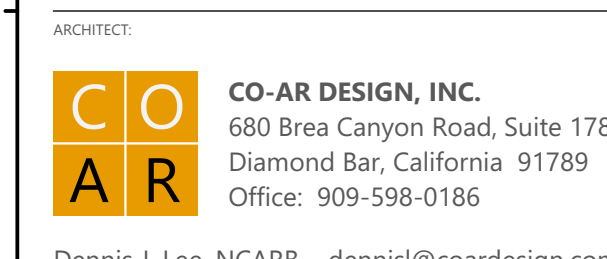
Fire Department approval of building plans shall be required prior to the issuance of a Building Permit by the jurisdictional Building Department. Any deficiencies in water systems will need to be resolved by the Fire Prevention Division only prior to this department's approval of building plans.

FIRE ACCESS SITE PLAN

SCALE: 1" = 40'



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2800 E. HOLLINGWORTH ST. WEST COVINA, CA 91792



RELOCATION OF 1 - PORTABLE CLASSROOM FROM SANTANA HIGH TO TELESIS ACADEMY

2800 E. HOLLINGWORTH ST. WEST COVINA, CA 91792

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

SUBMITTAL REVISIONS

1	DSA PROGRESS	8/15/23
2	DSA SUBMITTAL	9/29/23

PROJECT NO: 201904
 SCALE: AS SHOWN
 DATE: 11/6/2023
 DRAWN BY: ED / FW
 CHECKED BY: DL

FIRE ACCESS SITE PLAN

SHEET NO:

FP-1.1

GENERAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THIS PLAN, THE SPECIFICATION, THE LATEST STANDARD SPECIFICATIONS PUBLIC WORKS CONSTRUCTION, AND THE LATEST STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION.
- ALL GRADING CONSTRUCTION SHALL CONFORM TO CHAPTER 70 OF THE LOS ANGELES COUNTY BUILDING CODE UNLESS SPECIFICALLY NOTED ON THESE PLANS (7013.1).
- ANY MODIFICATIONS OF OR CHANGES IN APPROVED GRADING PLANS MUST BE APPROVED BY THE ARCHITECT AND OR ON-LINE ENGINEERING (HEREIN AFTER ENGINEER)
- THE ARCHITECT AND ENGINEER SHALL BE NOTIFIED WHEN CONSTRUCTION HAS COMMENCED.
- IN THE EVENT OF DISCREPANCIES AND/OR DEVIATIONS ARISING DURING CONSTRUCTION, THE ARCHITECT AND ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND SHALL REVISE THE PLANS FOR APPROVAL BY THE OWNER/CITY/COUNTY.
- A COPY OF THE APPROVED GRADING PLAN MUST BE IN THE POSSESSION OF A RESPONSIBLE PERSON AND AVAILABLE AT THE SITE AT ALL TIMES.
- DRAINAGE AND GRADING STAKES FOR ALL DRAINAGE DEVICES SHALL BE PROVIDED BY A LICENSED SURVEYOR OR CIVIL ENGINEER
- FINAL GRADING MUST BE APPROVED BY THE PROJECT INSPECTOR BEFORE FOUNDATION CONSTRUCTION. WILL BE ALLOWED.
- EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORMWATER FROM THE PROJECT SITE AT ALL TIMES.
- PROVISION SHALL BE MADE FOR CONTRIBUTORY DRAINAGE AT ALL TIMES.
- ROOF DRAINAGE MUST BE DIVERTED FROM GRADED SLOPES. (SECTION 7018.6 OF THE BUILDING CODE.)
- THE CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTY OWNERS FROM ANY ALL DAMAGES THAT MAY OCCUR FROM STORM WATER RUNOFF AND/OR DEPOSITION OF DEBRIS RESULTING FROM ANY AND ALL WORK IN CONJUNCTION WITH CONSTRUCTION OF THESE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK AND SHALL MAINTAIN ALL FACILITIES, COMPLETED AND UNCOMPLETED, UNTIL ACCEPTED BY THE OWNER.
- THE CONTRACTOR SHALL NOTIFY THE CITY/COUNTY INSPECTOR AT LEAST 48-HOURS PRIOR TO COMMENCING ANY WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL ABOVE GROUND AND UNDERGROUND UTILITIES.
- THESE PLANS MAY BE SUBJECT TO REVIEW AND/OR REVISION BY THE OWNER IF CONSTRUCTION HAS NOT COMMENCED WITHIN 12 MONTHS FROM THE DATE OF APPROVAL BY THE DISTRICT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES ONSITE, OFFSITE AND ADJACENT UTILITIES, FACILITIES AND PROPERTIES.
- IT SHALL BE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL SUBSTRUCTURES AND TO CONDUCT HIS OPERATIONS IN A MANNER SO AS TO PREVENT DAMAGE TO SAID SUBSTRUCTURES. IN THE EVENT OF SUBSTRUCTURE DAMAGE, THE CONTRACTOR SHALL BEAR THE TOTAL EXPENSE FOR THE REPAIR AND/OR REPLACEMENT OF SAID SUBSTRUCTURE(S).
- THE CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME FULL AND COMPLETE RESPONSIBILITY FOR THE JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS INCLUDING BUT NOT LIMITED TO OSHA, AQMD, COUNTY OF LOS ANGELES.
- WORK SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 33 OF THE CBC AND CFC, "FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION.

INSPECTION NOTES

- THE PERMITTEE OR HIS AGENT SHALL NOTIFY THE INSPECTOR AT LEAST ONE WORKING DAY IN ADVANCE OF REQUIRED INSPECTIONS AT FOLLOWING STAGES OF THE WORK (SECTION 7020 OF THE BUILDING CODE.)
 - INITIAL. WHEN THE SITE HAS BEEN CLEARED OF VEGETATION AND UNAPPROVED FILL HAS BEEN SCARIFIED, BENCHED, OR OTHERWISE PREPARED FOR FILL.
 - ROUGH. WHEN APPROXIMATE FINAL ELEVATIONS HAVE BEEN ESTABLISHED; DRAINAGE TERRACES, SWALES, AND BERMS INSTALLED AT THE TOP OF THE SLOPE; AND THE STATEMENTS REQUIRED IN THIS SECTION HAVE BEEN RECEIVED.
 - FINAL. WHEN GRADING HAS BEEN COMPLETED; ALL STORM DRAIN AND OTHER DRAINAGE DEVICES INSTALLED; SLOPE PLANTING ESTABLISHED, IRRIGATION SYSTEMS INSTALLED AND THE AS-BUILT PLANS, REQUIRED STATEMENTS, AND REPORTS HAVE BEEN SUBMITTED.
 - ALL STATEMENTS, REPORTS AND NOTIFICATION OF COMPLETION SHALL BE PROVIDED BY THE PERMITTEE AND SUBMITTED TO THE INSPECTOR IN ACCORDANCE WITH SECTION 7020 AND 7021 OF THE BUILDING CODE.

EROSION CONTROL NOTES

- ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON-SITE AN MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEETFLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.
- STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
- FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED IN THE DRAINAGE SYSTEM.
- EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON-SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
- TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAIN WATER AND DISPERSAL BY WIND.
- SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY, AND / OR ADJACENT AREAS ACCIDENTAL DEPOSITIONS MUST BE SWEEP UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
- ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.

ATTACHMENT B NOTES

THE FOLLOWING BMPs AS OUTLINED IN, BUT NOT LIMITED TO, THE BEST MANAGEMENT PRACTICE HANDBOOK, CALIFORNIA STORMWATER QUALITY TASK FORCE, SACRAMENTO, CALIFORNIA (THE LATEST REVISED EDITION) MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY COUNTY INSPECTORS):

- CA001 - DEWATERING OPERATIONS
- CA002 - PAVING OPERATIONS
- CA003 - STRUCTURE CONSTRUCTION AND PAINTING
- CA010 - MATERIAL DELIVERY AND STORAGE
- CA011 - MATERIAL USE
- CA012 - SPILL PREVENTION AND CONTROL
- CA020 - SOLID WASTE MANAGEMENT
- CA021 - HAZARDOUS WASTE MANAGEMENT
- CA022 - CONTAMINATED SOIL MANAGEMENT
- CA023 - CONCRETE WASTE MANAGEMENT
- CA030 - VEHICLE AND EQUIPMENT CLEANING
- CA031 - VEHICLE AND EQUIPMENT FUELING
- CA032 - VEHICLE AND EQUIPMENT MAINTENANCE
- CA040 - EMPLOYEE/SUBCONTRACTOR TRAINING
- ESC01 - SCHEDULING
- ESC02 - PRESERVATION OF EXISTING VEGETATION
- ESC10 - SEEDING AND PLANTING
- ESC11 - MULCHING
- ESC20 - GEOTEXTILES AND MATS
- ESC21 - DUST CONTROL
- ESC22 - TEMPORARY STREAM CROSSING
- ESC23 - CONSTRUCTION ROAD STABILIZATION
- ESC24 - STABILIZED CONSTRUCTION ENTRANCE
- ESC30 - EARTH DIKE
- ESC31 - TEMPORARY DRAINS AND SWALES
- ESC32 - SLOPE DRAIN
- ESC40 - OUTLET PROTECTION
- ESC41 - CHECK DAMS
- ESC42 - SLOPE ROUGHENING/TERRACING
- ESC50 - SILT FENCE
- ESC51 - STRAW BALE BARRIERS
- ESC52 - SAND BAG BARRIER
- ESC53 - BRUSH OR ROCK FILTER
- ESC54 - STORM DRAIN INLET PROTECTION
- ESC55 - SEDIMENT TRAP
- ESC56 - SEDIUMT BASIN

NOTICE TO CONTRACTORS

- THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- AB 73 REQUIRES EVERY PERSON PLANNING TO CONDUCT EXCAVATION TO NOTIFY A REGIONAL NOTIFICATION CENTER AT LEAST TWO DAYS PRIOR TO COMMENCING WORK. A VERIFICATION NUMBER WILL BE GIVEN UPON SUCH NOTIFICATION WITHOUT WHICH ANY PERMIT OR DIRECTIVE GIVING PERMISSION TO EXCAVATE SHALL BE INVALID. VERIFICATION NUMBERS EXPIRE WITHIN 14 DAYS. FOR BEST COMMUNICATION, PERSONS PERFORMING EXCAVATION SHOULD MEET THE UTILITY COMPANIES AT THE JOB SITE. FOR MORE INFORMATION, YOU CAN CONTACT THE LOCAL REGIONAL INFORMATION CENTER.
- "CONTRACTOR SHALL TAG TREES TO BE SAVED WITH PLASTIC OR VINYL TAPE TIED TO THE TREE CALIPER. CONTRACTOR SHALL PROTECT EXISTING TREES THAT ARE TO REMAIN FROM ROOT COMPACTION AND ANY OTHER DAMAGE (WITH BARRIER OF METAL POLES MAXIMUM 8 FEET ON CENTER WITH PLASTIC NETTING) AT A MINIMUM OF 10 FOOT DIAMETER FROM OUTSIDE OF THE TREE'S TRUNK PRIOR TO THE START OF ANY CONSTRUCTION OPERATIONS. WHERE TREE DRIP LINES ARE GREATER THAN 10 FEET FROM THE TREE'S TRUNK, LOCATE BARRIER FENCING AT THE DRIP LINE OF THE TREE. THE CONTRACTOR SHALL NOT ALLOW DEBRIS FROM TREE OR STUMP REMOVAL OPERATIONS TO FALL ON OR OTHERWISE DAMAGE TREES THAT ARE NOT SCHEDULED FOR REMOVAL. PLASTIC TAPE AND BARRIER FENCING SHALL NOT BE REMOVED UNTIL PLANTING OPERATIONS AREA READ TO BEGIN AND/OR INSTRUCTED BY THE CONTRACTING OFFICER. CONTRACTOR SHALL WATER AND PRUNE TREES DURING CONSTRUCTION OPERATIONS AS NECESSARY TO KEEP HEALTHY AND THRIVING. IF ANY TREE SHOULD DIE DURING THIS PERIOD, THE CONTRACTOR SHALL REPLACE AND PLANT A TREE WITH A MINIMUM 36" BOX WITH 3" CALIPER, 16'-18' HEIGHT OF THE SAME TYPE."

UNDERGROUND SERVICE ALERT
3030 SATURN STREET, SUITE 200
BREA, CA 92621
(800) 422-4133

LEGEND	
AC	ASPHALTIC CONCRETE
CAB	CRUSHED AGGREGATE BASE
FF	FINISHED FLOOR
FG	FINISHED GRADE
FL	FLOWLINE
FS	FINISHED SURFACE
INV	INVERT
NG	NATURAL GROUND
PCC	PORTLAND CEMENT CONCRETE
TC	TOP OF CURB
TF	TOP OF FOOTING
TG	TOP OF GRATE
TW	TOP OF WALL
W	COLD WATER MAIN
E	ELECTRIC
F	FIRE WATER MAIN
G	GAS MAIN
SS	SANITARY SEWER

UTILITY GENERAL NOTES

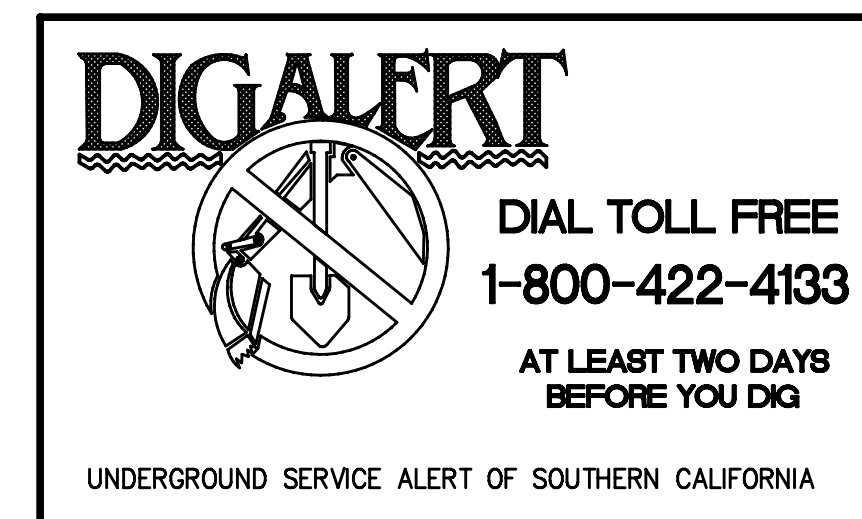
- ALL WORK DETAILED ON THIS PLAN, EXCEPTED AS OTHERWISE STATED OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" LATEST EDITION; THE UNIFORM PLUMBING CODE, LATEST EDITION AND THE CITY OF DUARTE DEPT. OF PUBLIC WORKS AND THE APPROPRIATE UTILITY AGENCY REQUIREMENTS.
- THE CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS OR REQUIREMENTS OF PERMITS APPLICABLE TO THIS PROJECT.
- THE CONTRACTOR SHALL CAREFULLY COORDINATE THIS CONSTRUCTION WITH THE HORIZONTAL AND VERTICAL LOCATIONS OF OTHER PROPOSED AND EXISTING UTILITIES, INCLUDING BUT NOT LIMITED TO, GAS, ELECTRIC, STORM DRAIN, TELECOMMUNICATIONS AND CABLE TELEVISION.
- ELEVATIONS ARE IN FEET PER THE BENCHMARK SHOWN ON SHEET C-2.
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF ON-LINE ENGINEERING AND/OR PBWS ARCHITECTS.
- NO UTILITY INTERRUPTIONS SHALL BE PERMITTED UNLESS PRECEDED BY A 21 DAY ADVANCE WRITTEN REQUEST FOR UTILITY INTERRUPTION, WHICH WILL BE SUBJECT TO REVIEW AND APPROVAL BY THE CITY OF WEST COVINA, THE SCHOOL DISTRICT AND THE APPROPRIATE UTILITY AGENCY.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE CITY WEST COVINA, THE SCHOOL DISTRICT AND THE APPROPRIATE UTILITY AGENCY, FOR LOCATING, PURGING, CAPPING AND/OR RELOCATING EXISTING UTILITY SYSTEMS AS NECESSARY AND AS REQUIRED TO COMPLETE THIS PROJECT.
- COORDINATE WITH THE DEMOLITION CONTRACTOR AS TO THE PORTION OF EXISTING MAINS THAT ARE TO BE REMOVED.

WATER MANS

- PROVIDE TRACER WIRE FOR ALL NON-METALLIC UNDERGROUND WATER LINES, INCLUDING MAINS AND LATERALS. PROVIDE MARKER TAPE ONE (1) FOOT ABOVE UNDERGROUND WATER MAINS.
- LATERALS BETWEEN MAINS AND BUILDINGS SHALL BE PVC SCHEDULE 80 AND CONFORM TO AWWA C900 UNLESS OTHERWISE RECOMMENDED BY CORROSION ENGINEER/GEOTECHNICAL ENGINEER.
- METERING:
 - COORDINATE METER TYPES AND LOCATIONS WITH THE WATER AGENCY.
 - COORDINATE WITH LANDSCAPE DRAWINGS ABOUT THE NEED FOR SEPARATE METERING.
 - FURNISH AND INSTALL ALL ENCLOSURES, VALVING, PIPING, APPURTENANCES AND THE METERS.
 - ALL METERS SHALL BE READABLE FROM THE EXTERIOR, WITHOUT THE NEED TO ENTER THE BUILDING.
- FIRE PROTECTION:
 - OUTSIDE PROTECTION INCLUDING WATER DISTRIBUTION VALVES AND HYDRANTS SHALL COMPLY WITH NFPA STANDARD NO. 24 "PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES", LATEST EDITION.
 - HYDRANTS SHALL CONFORM TO AWWA STANDARDS C502 WET BARREL, AND NFPA 24. VALVES SHALL CONFORM TO AWWA STANDARDS C500. INSTALLATION SHALL CONFORM TO AWWA 17.
 - HYDRANTS SHALL BE TESTED IN ACCORDANCE WITH NFPA 291 AND PAINTED TO INDICATE THE GPM MEASURED. THE TESTING SHALL BE COMPLETED PRIOR TO INSPECTION.
- COORDINATE ALL WORK CONCERNING THE NEW WATER DISTRIBUTION SYSTEM FOR THIS FACILITY WITH THE CITY, THE SCHOOL DISTRICT AND THE WATE
- ALL NEW WORK SHALL BE TESTED VALVE TO VALVE AT 200 PSI FOR FOUR HOURS. CONTRACTOR SHALL DESIGN, FURNISH AND INSTALL ANY NECESSARY THRUST BLOCKS WITH DETAILS ON SHEET
- DISINFECTION: CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO ASSURE SANITARY INSTALLATION. HE SHALL ENDEAVOR TO KEEPALL DIRT, RODENTS, INSECTS ETC. AWAY FROM WATERWAY SURFACES. VALVES SHALL BE KEPT CLOSED AND SHALL BE KEPT CLOSED AT ALL OTHER TIMES UNTIL AFTER PRESSURE TEST DISINFECTION, FLUSHING, AND BACTERIOLOGICAL TEST HAVE BEEN PASSED. CONTACT THE WATER AGENCY FOR BACTERIOLOGICAL TEST AND SAMPLING REQUIREMENTS. DISINFECTION SHALL BE IN ACCORDANCE WITH AWWA C651.
- CONTRACTOR SHALL MAKE ARRANGEMENTS TO ADJUST VALVE BOXES, FIRE HYDRANT BREAKOFF FLANGES, METER BOXES ETC. TO FINISH GRADE AT TIMES WHEN FINISH GRADES ARE ESTABLISHED BY OTHERS AT NO COST TO THE OWNER.
- UNDERGROUND SERVICE ALERT REQUIRES THE CONTRACTOR TO PROVIDE AN UPDATE NOTIFICATION EVERY 15 DAYS THAT CONSTRUCTION IS STILL IN PROGRESS.
- UNDERGROUND SERVICE ALERT REQUIRES THAT PROPOSED CONSTRUCTION AREA BE OUTLINED IN WHITE PAINT, INCLUDING WATER MAIN SERVICE CONNECTIONS AND FIRE HYDRANTS.
- THE CONTRACTOR SHALL REFER TO SECTION 7-10.4.1 OF THE STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK) REGARDING SAFETY ORDERS.
- THE CONTRACTOR SHALL PROVIDE ENGINEER WITH AS-BUILT PLANS OF THE WATER SYSTEM FOR THIS PROJECT AFTER CONSTRUCTION AND BEFORE FINAL APPROVAL IS GRANTED.
- CHLORINATION SHALL BE PERFORMED BY A CONTRACTOR LICENSED TO DO SO. CHLORINATION TEST CERTIFICATE SHALL BE TURNED OVER THE ACHITE OF RECORD.

SEWER MANS

- PROVIDE TRACER WIRE FOR ALL NON-METALLIC UNDERGROUND SEWER LINES, INCLUDING MAINS AND LATERALS. PROVIDE MARKER TAPE ONE (1) FOOT ABOVE ALL SANITARY SEWAGE LINES.
- UNLESS OTHERWISE NOTED ON PLANS, SEWER MAINS AND LATERALS SHALL BE PVC (SDR 35) PER ASTM D-3034.
- ALL WORK CONCERNING NEW AND EXISTING SANITARY SEWER SYSTEM SHALL BE COORDINATED BY THE CONTRACTOR WITH THE CITY OF WEST COVINA. ALL DOWNSTREAM FACILITIES INCLUDING MANHOLES AND OTHER APPURTENANCES SHALL BE COMPLETED BEFORE THE FACILITY IS INSPECTED AND ACCEPTED PRIOR TO OCCUPANCY.
- ALL JOINTS BETWEEN CAST IRON PIPE AND PVC PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "D" (WITH BUSHING IF NECESSARY) PER STANDARD SPECIFICATIONS SECTION 208-2.
- SEWERS SHALL BE TESTED FOR LEAKAGE PER SECTION 306-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.



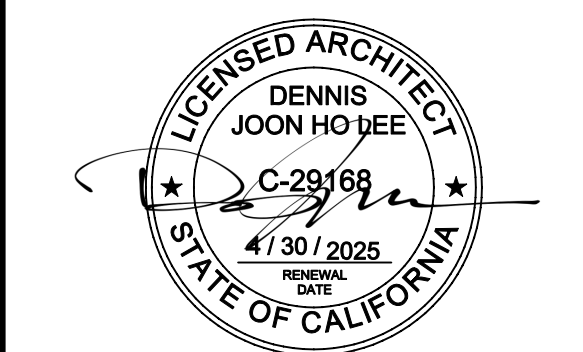
THIS PLAN WAS PREPARED UNDER THE DIRECTION OF THE BELOW SIGNED LICENSED CIVIL ENGINEER:
Robert G. Martinez 10-31-23
ROBERT G. MARTINEZ, R.C.E. 54360 DATE

ON LINE ENGINEERING
 PROFESSIONAL CIVIL ENGINEERING & LAND SURVEYING
 823 N. REVERE AVENUE
 MONTEBELLO, CA 90640
 (626)791-3980, (626)255-8443m
 EMAIL: otengr@earthlink.net

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 03-123646 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 12/07/2023

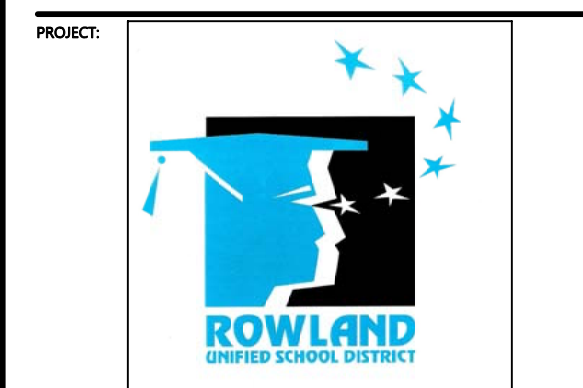
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NOTES:



ARCHITECT
CO-AR DESIGN, INC.
 680 Brea Canyon Road, Suite 178
 Diamond Bar, California 91789
 Office: 909-598-0186

Dennis J. Lee, N.CARB dennis@coar.design.com



RELOCATION OF 1 - PORTABLE CLASSROOM FROM SANTANA HIGH TO TELESIS ACADEMY
 ADDRESS: 2800 E. HOLLINGWORTH ST. WEST COVINA, CA 91792
 CLIENT:

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

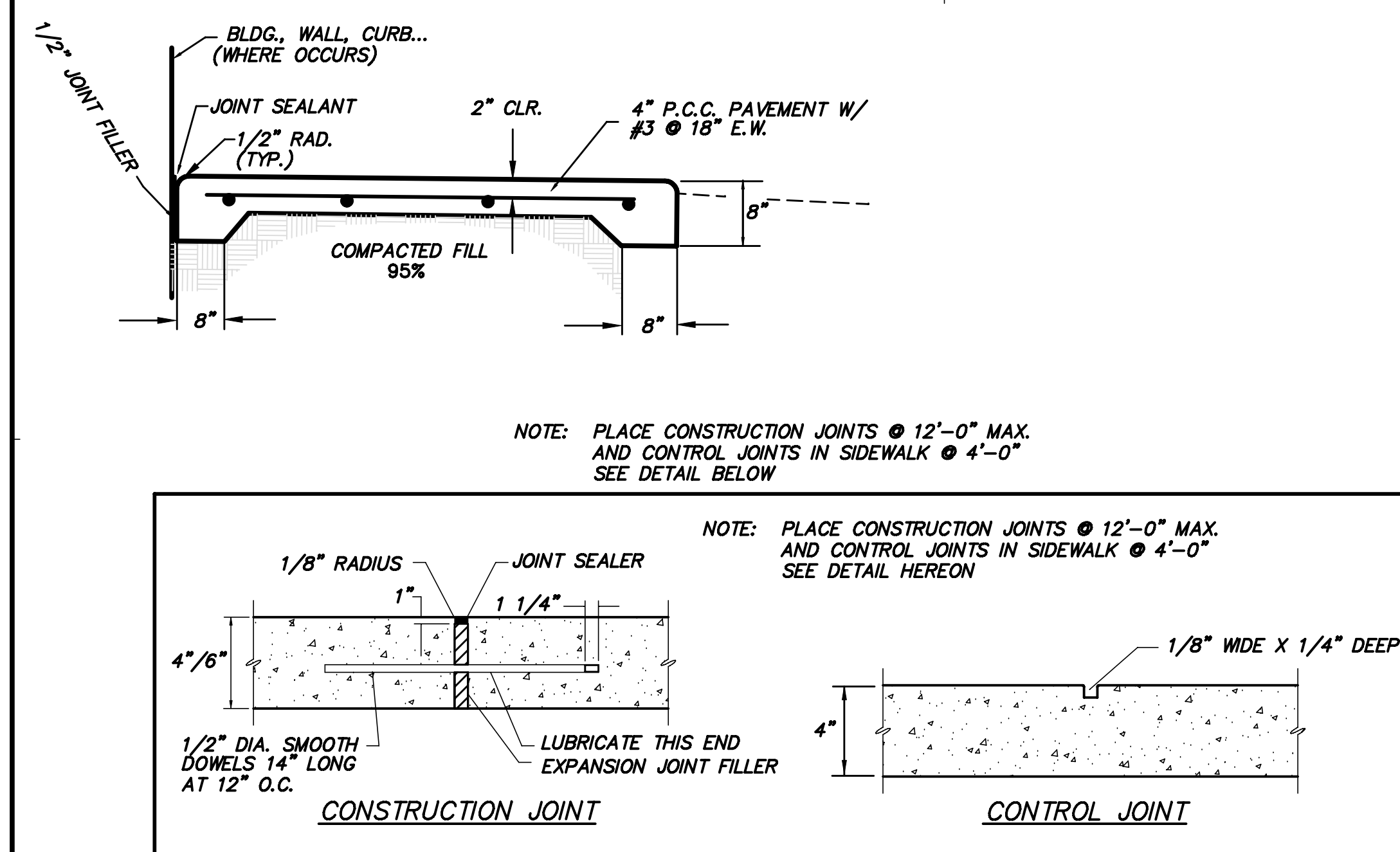
FORMATTED REVISIONS:

NO.	DESCRIPTION	DATE
1.	ISSA PROGRESS	8/15/23
2.	ISSA SUBMITTAL	9/28/23

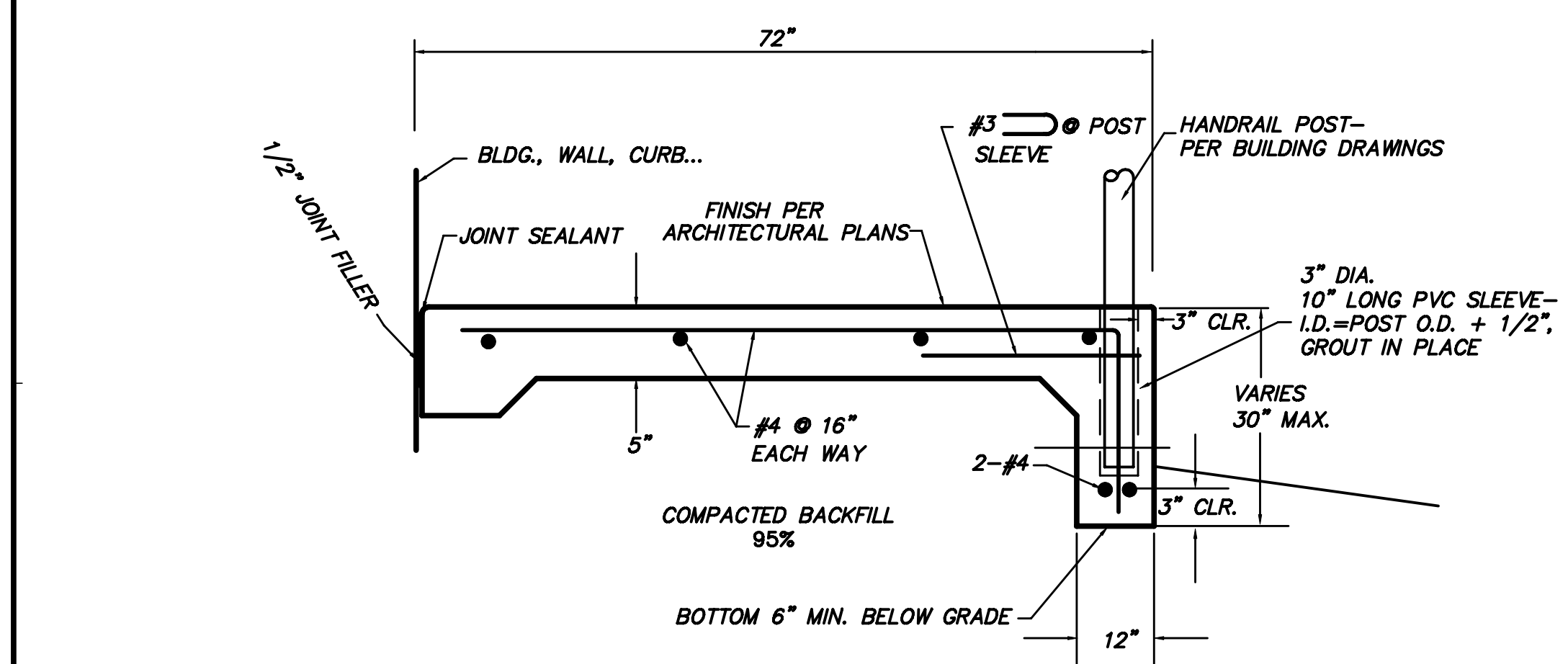
PROJECT NO.	903-39
SCALE	AS SHOWN
DATE	10/31/2023
DRAWN BY:	RGM
CHECKED BY:	RGM
SHEET TITLE	

SITE CIVIL GENERAL NOTES

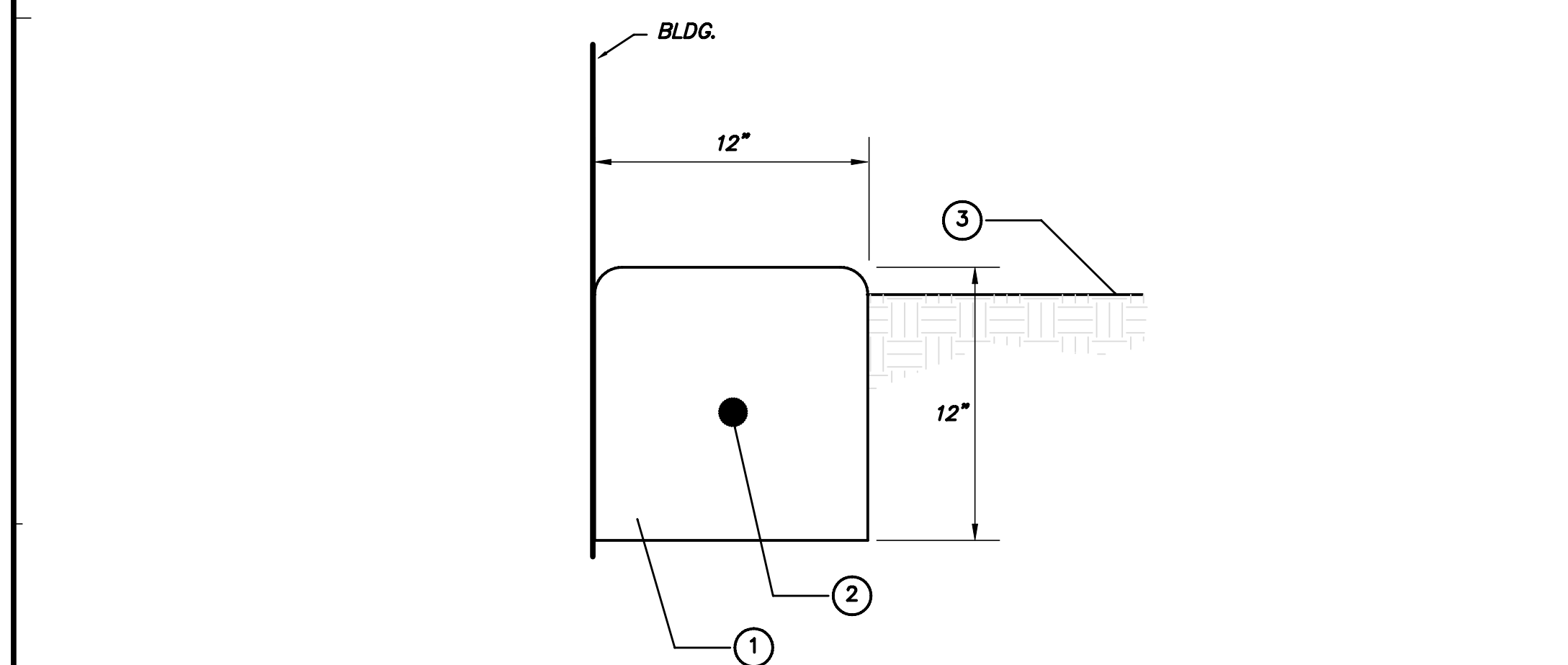
SHEET NO. **C-1**



DETAIL "A" - CONCRETE PAVEMENT
N.T.S.

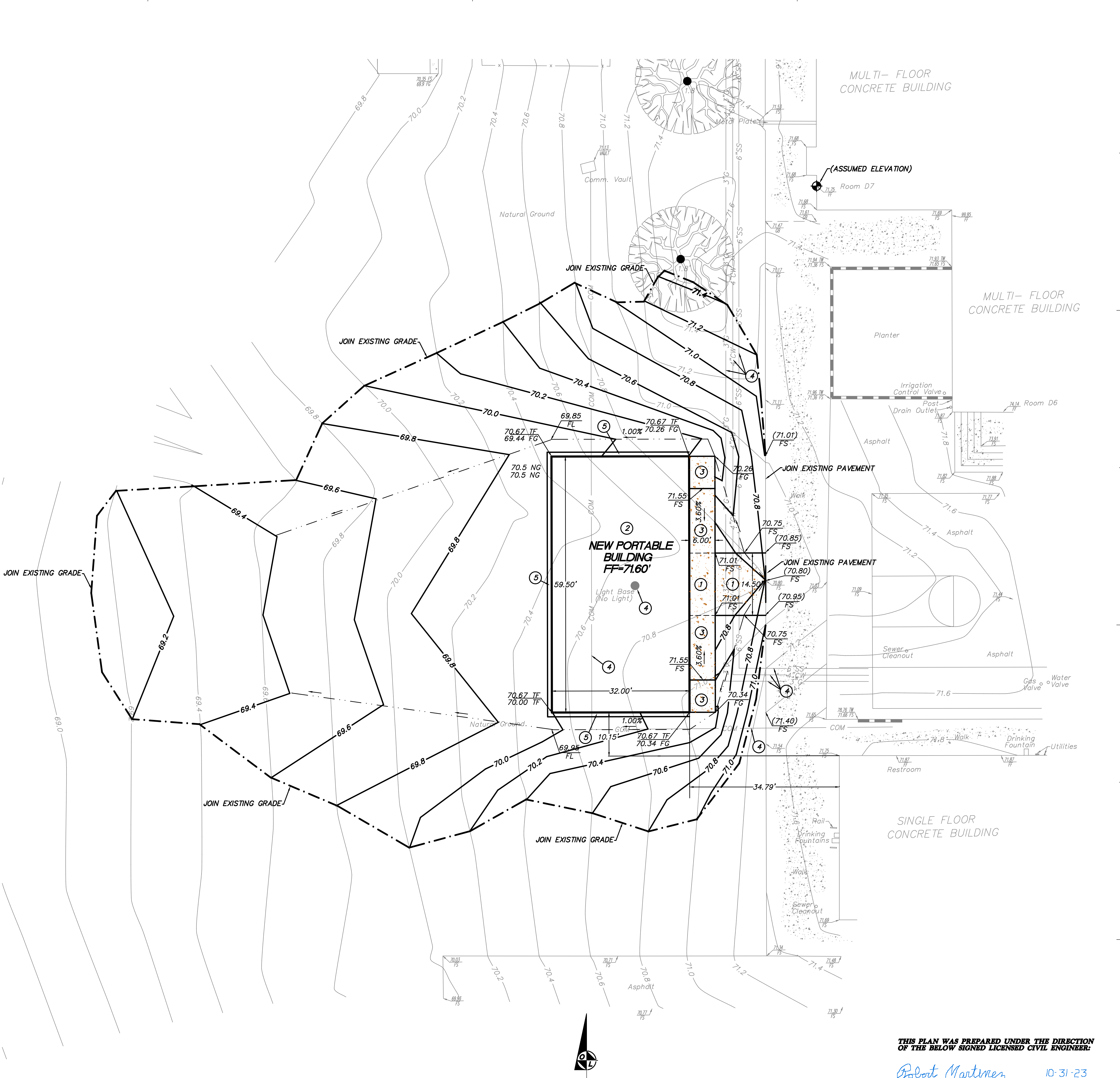


DETAIL "B" - CONCRETE RAMP
N.T.S.



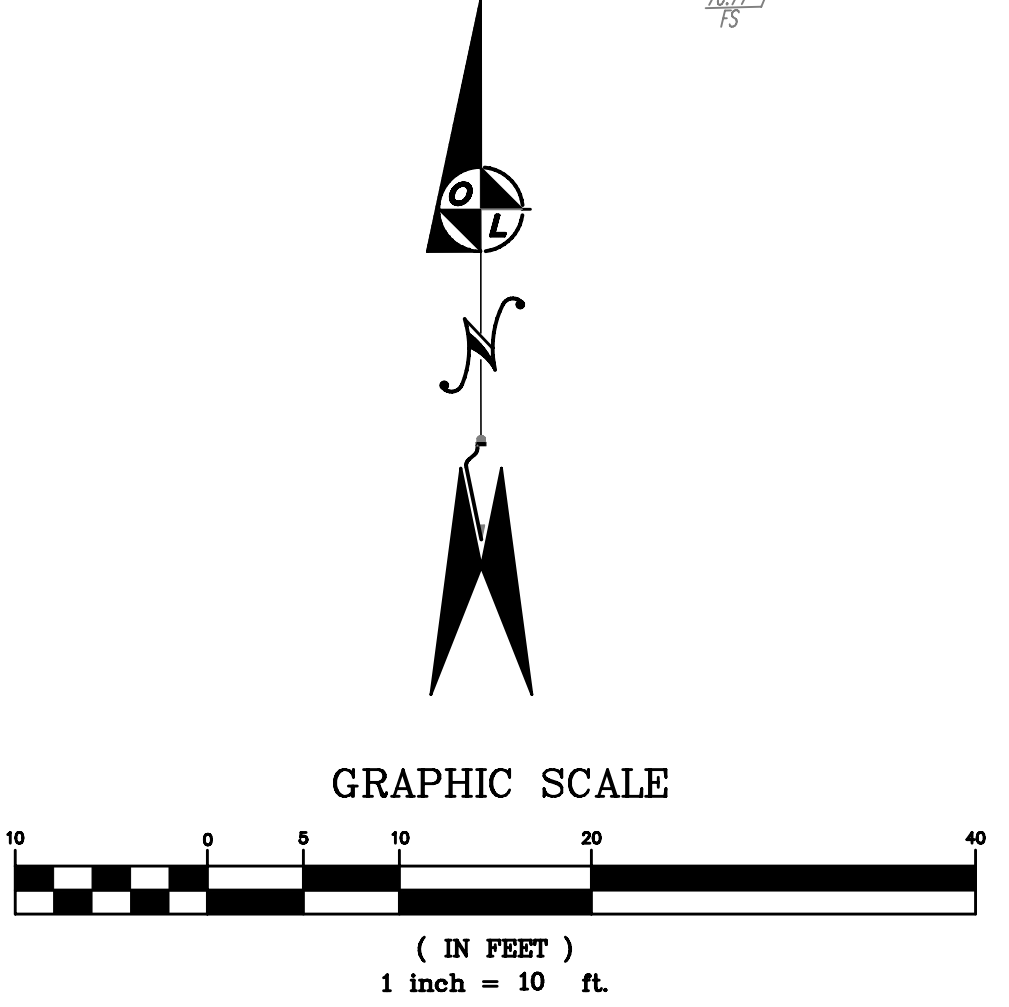
- ① PORTLAND CEMENT CONCRETE NOSE ALL EDGE AND JOINTS. SMOOTH TROWL TOP SURFACE PROVIDE EXPANSION JOINT AT 20 FEET ON CENTER MAXIMUM AND AT ALL CORNERS.
- ② #5X24" REBAR CENTERED AT EACH EXPANSION JOINT. CAST ONE END SOLID IN MOW STRIP. WRAP OTHER END WITH #15 FELT TO ALLOW LATERAL MOVEMENT AT THE JOINT.
- ③ FINISH GRADE PER PLAN, 1/2" BELOW TOP OF MOW STRIP.

DETAIL "C" - CONCRETE MOW STRIP
N.T.S.



CONSTRUCTION NOTES

- ① CONSTRUCT CONCRETE PAVEMENT PER DETAIL "A" HEREON.
- ② NEW BUILDING PER ARCHITECTURAL PLANS.
- ③ CONSTRUCT CONCRETE RAMP PER DETAIL "B" HEREON.
- ④ REMOVE, RELOCATE OR PROTECT IN PLACE TO ACCOMMODATE NEW CONSTRUCTION.
- ⑤ CONSTRUCT CONCRETE MOW STRIP PER DETAIL "C" HEREON.



THIS PLAN WAS PREPARED UNDER THE DIRECTION OF THE BELOW SIGNED LICENSED CIVIL ENGINEER:

Robert G. Martinez 10-31-23
ROBERT G. MARTINEZ, R.C.E. 54360 DATE

823 N. REVERE AVENUE
 MONTEBELLO, CA 90640
 (626)791-3980, (626)255-8443m
 EMAIL: otengr@earthlink.net

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 03-123646 INC.
 REVIEWED FOR:
 SS FLS ACS
 DATE: 12/07/2023

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 680 Brea Canyon Road, Suite 178
 Diamond Bar, California 91789
 Office: 909-598-0186
 Dennis J. Lee, N.CARB dennisl@coar-design.com

RELOCATION OF 1 - PORTABLE CLASSROOM FROM SANTANA HIGH TO TELESIS ACADEMY
 2800 E. HOLLINGWORTH ST.
 WEST COVINA, CA 91792

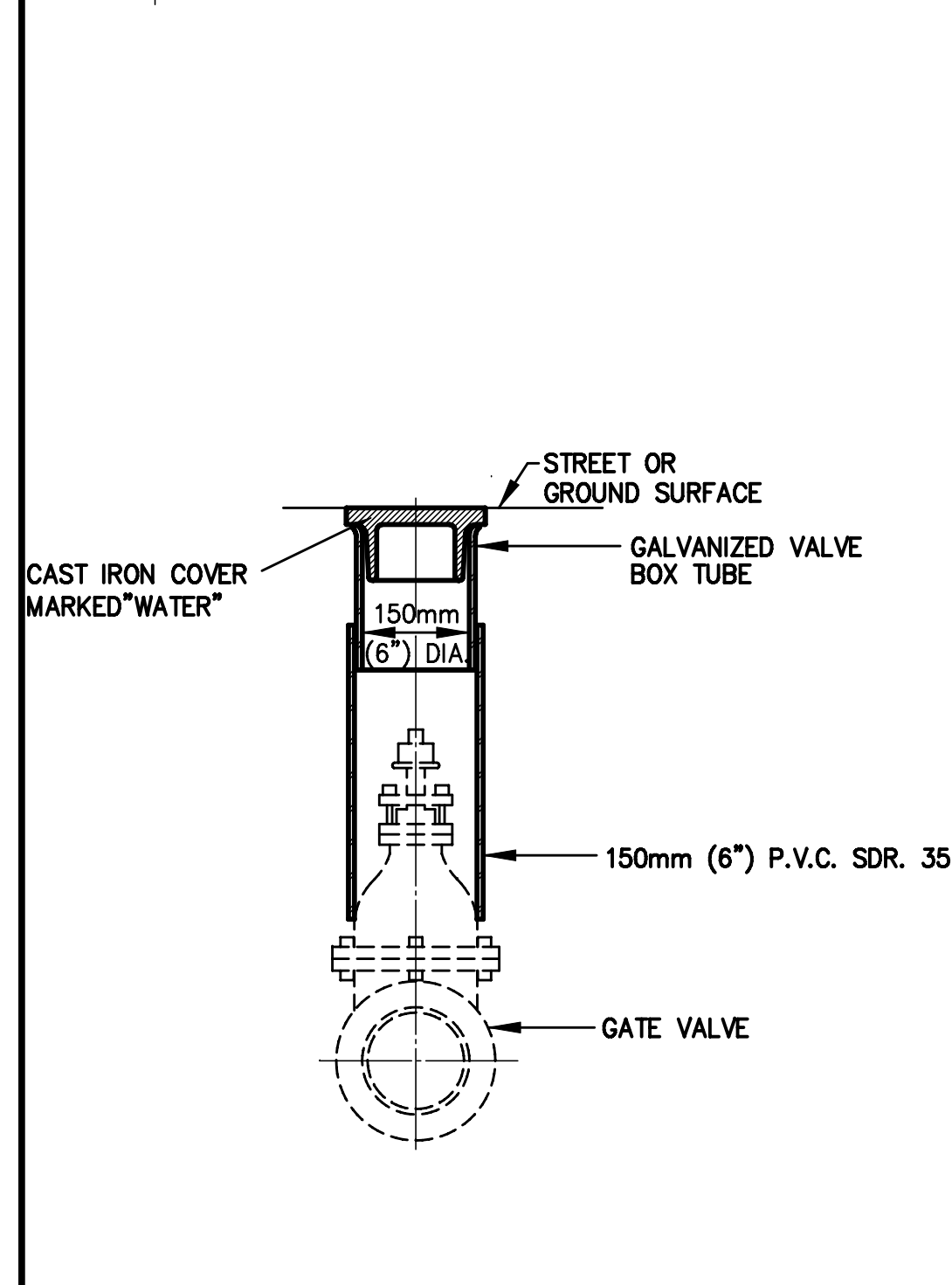
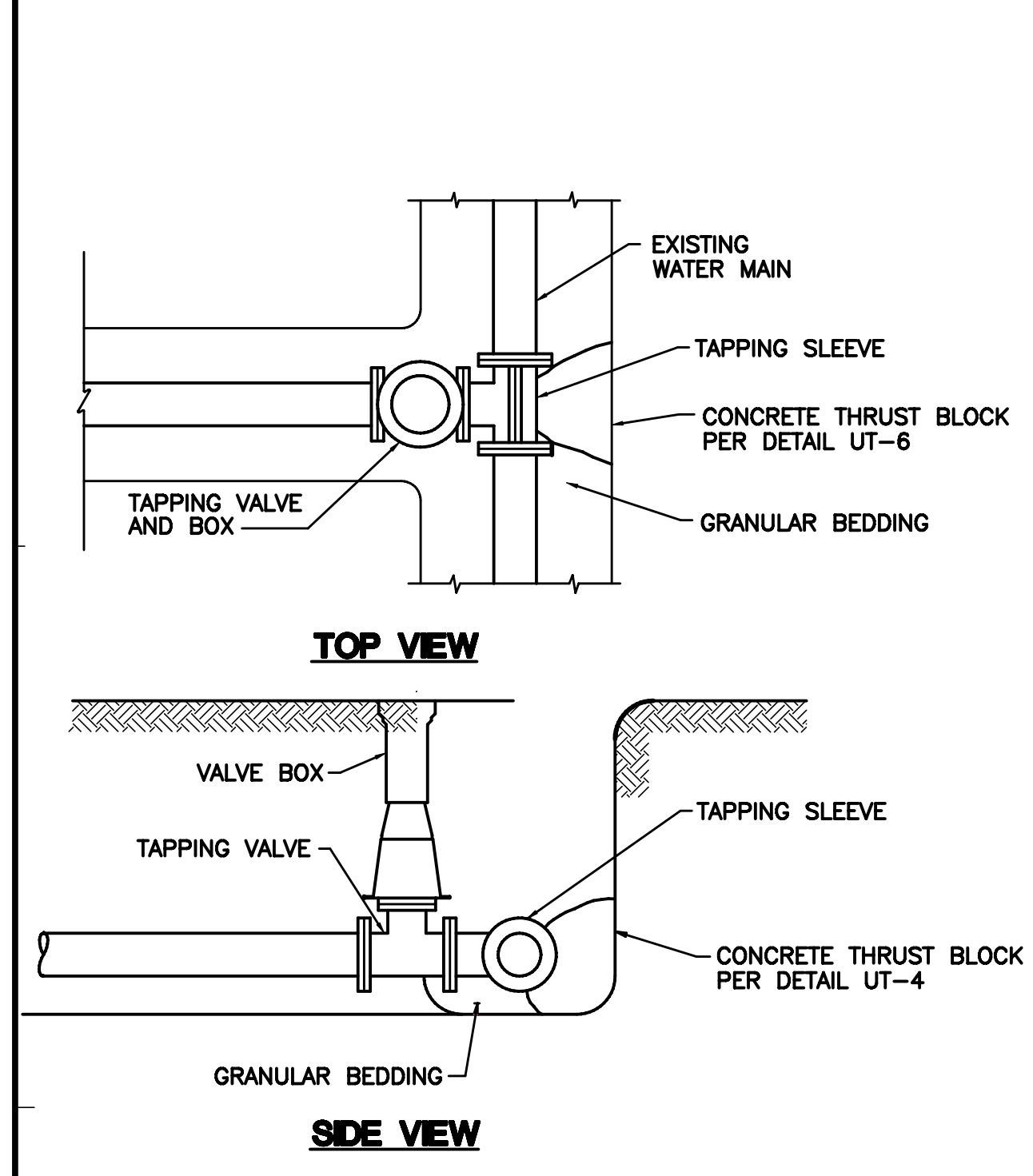
ROWLAND UNIFIED SCHOOL DISTRICT
 1830 NOGALES STREET
 ROWLAND HEIGHTS, CA 91748

REVISIONS	DATE
1. DSA PROGRESS	8/15/23
2. DSA SUBMITTAL	9/29/23

PROJECT NO: 903-19
 SCALE: AS SHOWN
 DATE: 10/31/2023
 DRAWN BY: RGM
 CHECKED BY: RGM
 SHEET TITLE:

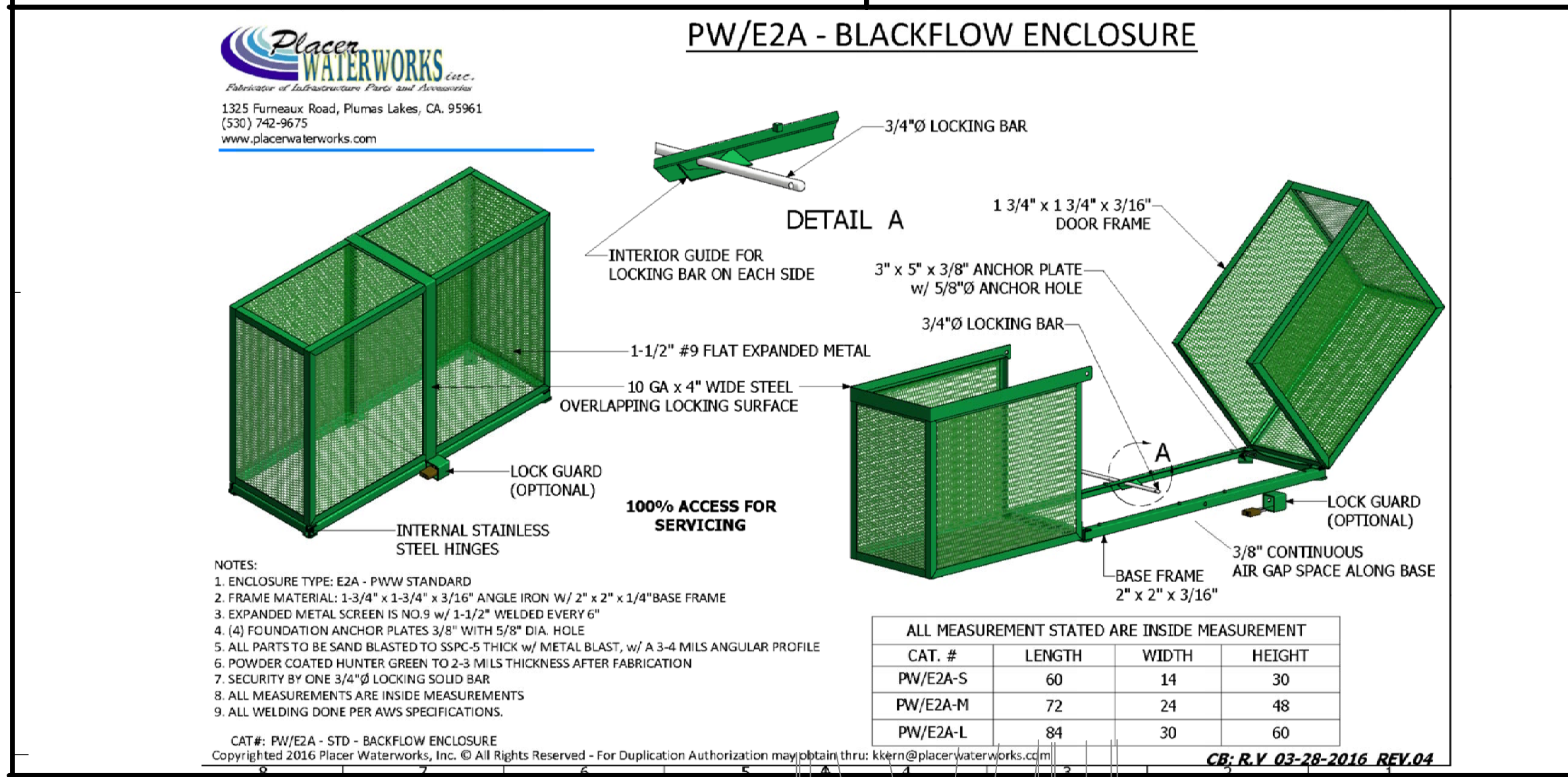
GRADING AND DRAINAGE PLAN

SHEET NO: **C-2**

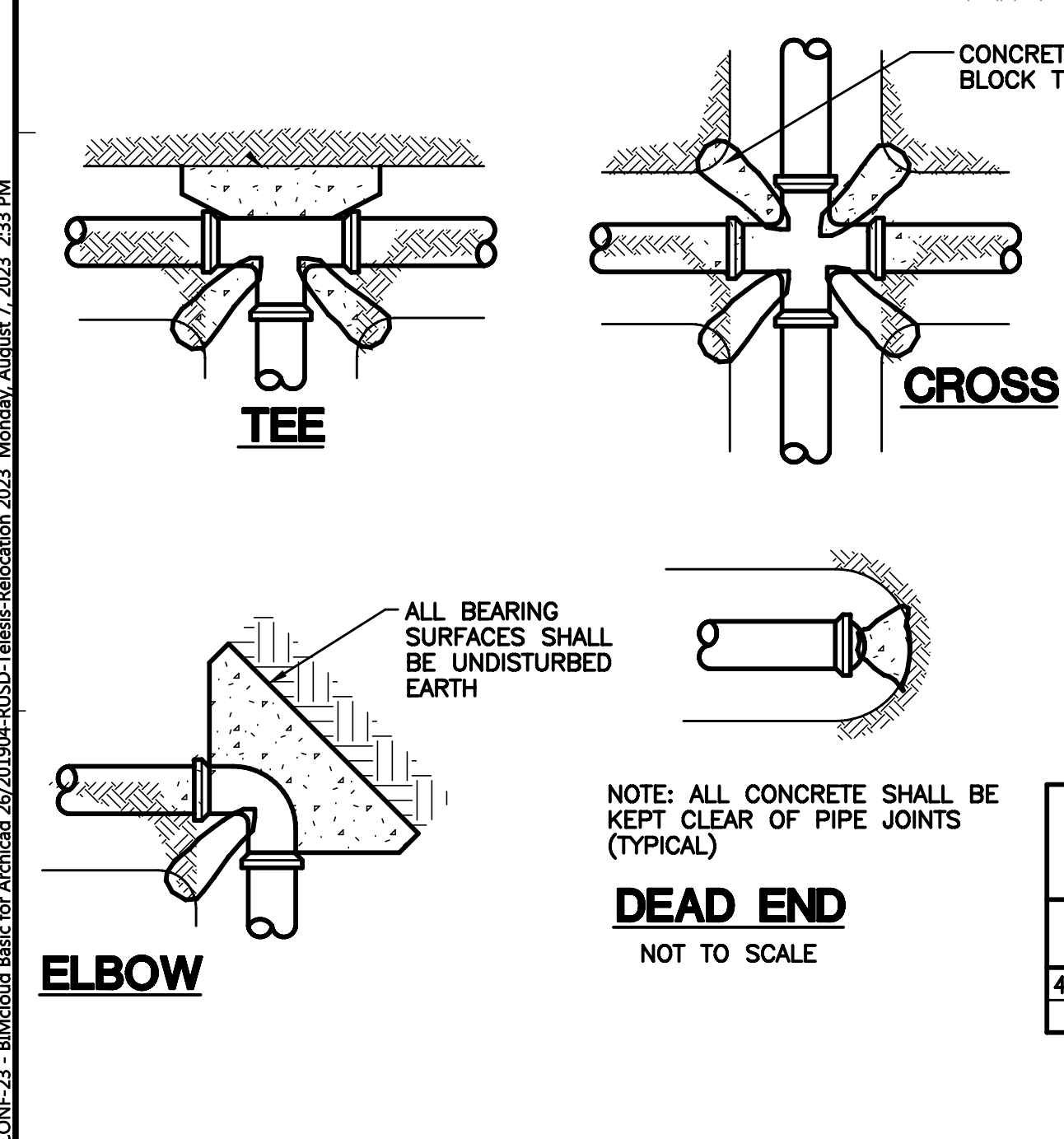
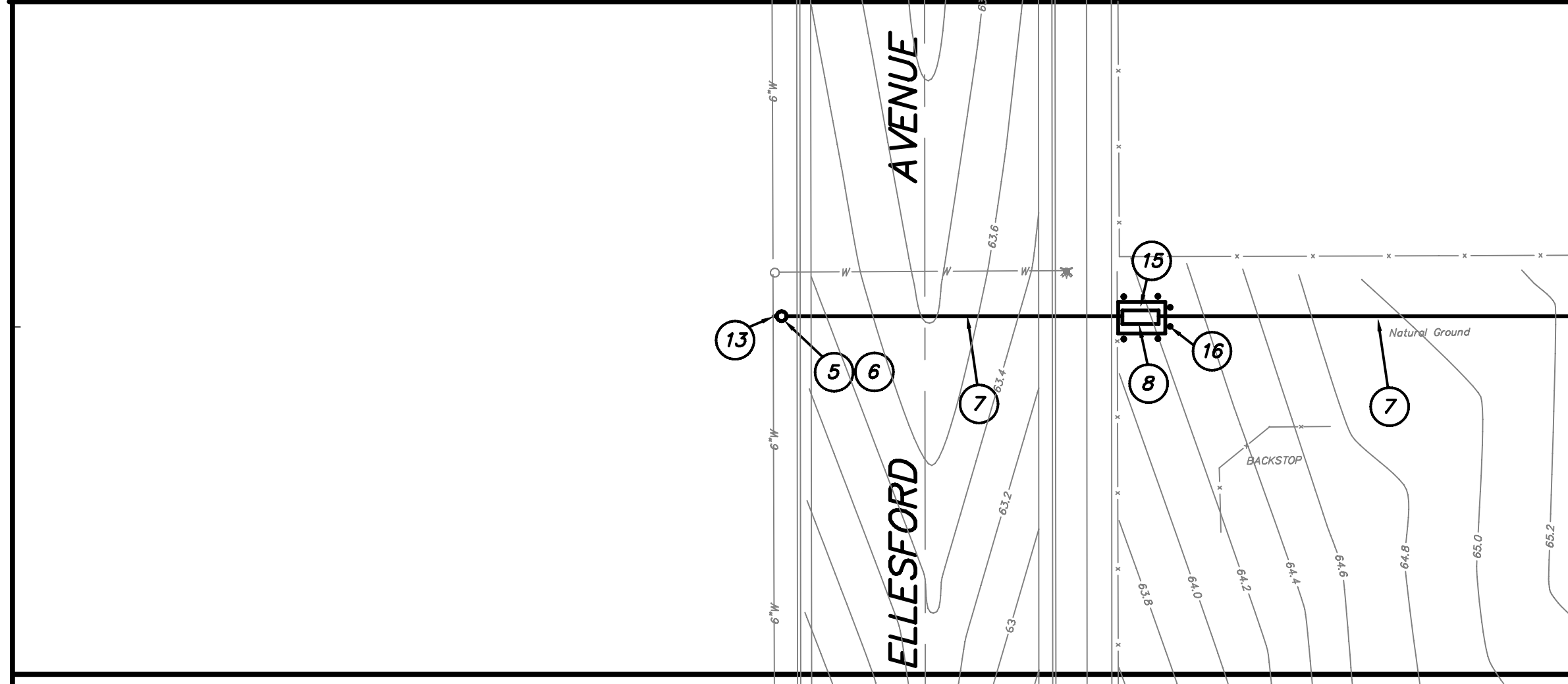


DETAIL "C" - HOT TAP
N.T.S.

DETAIL "D" - GATE VALVE
N.T.S.



DETAIL "I" - BACKFLOW VALVE CAGE
N.T.S.

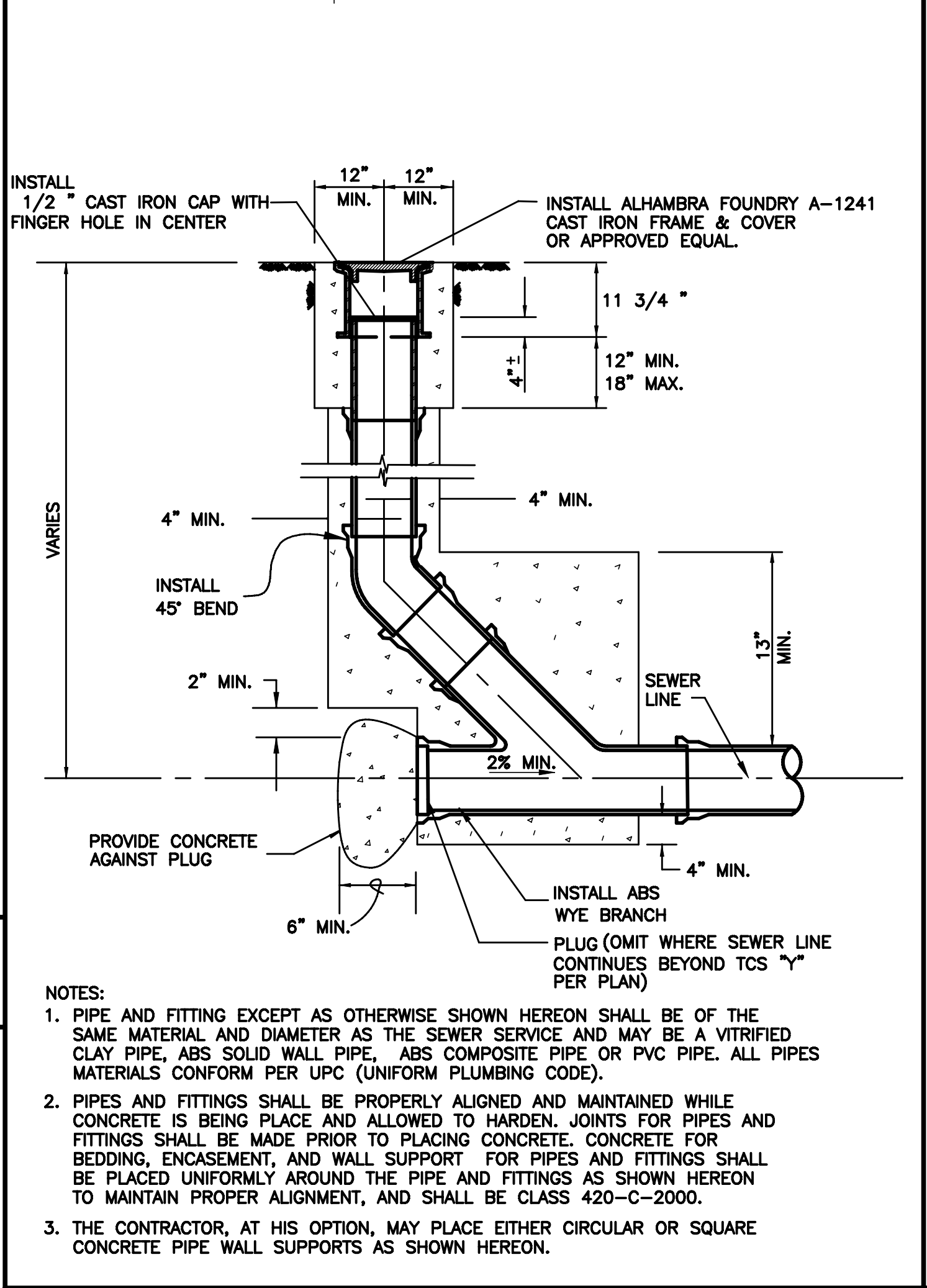


NOTE: ALL CONCRETE SHALL BE KEPT CLEAR OF PIPE JOINTS (TYPICAL)

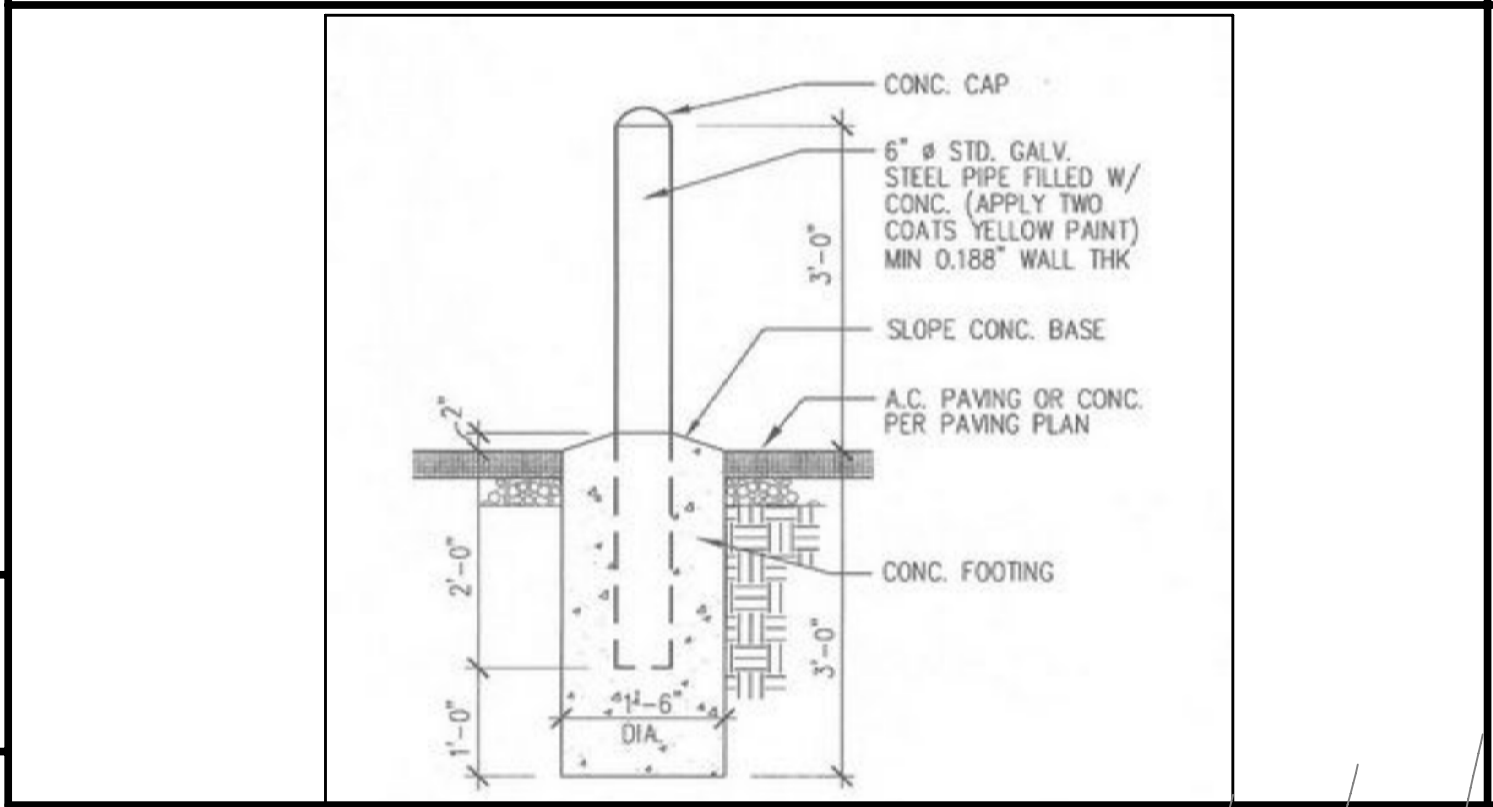
MIN. BEARING AREAS EACH DIRECTION OF THRUST IN SQUARE FEET PER 100 PSI OF WORKING PRESSURE				
PIPE SIZE	TEES & DEAD END	90° ELBOW	45° ELBOW CROSSES IN DIRECTION OF FLOW	22-1/2" ELBOW
4" OR 6"	4.0	5.5	3.0	
8"	7.0	9.5	5.0	

BASED ON THE SOIL BEARING CAPACITY OF 1500 PSF PER CBC TABLE 1806.2

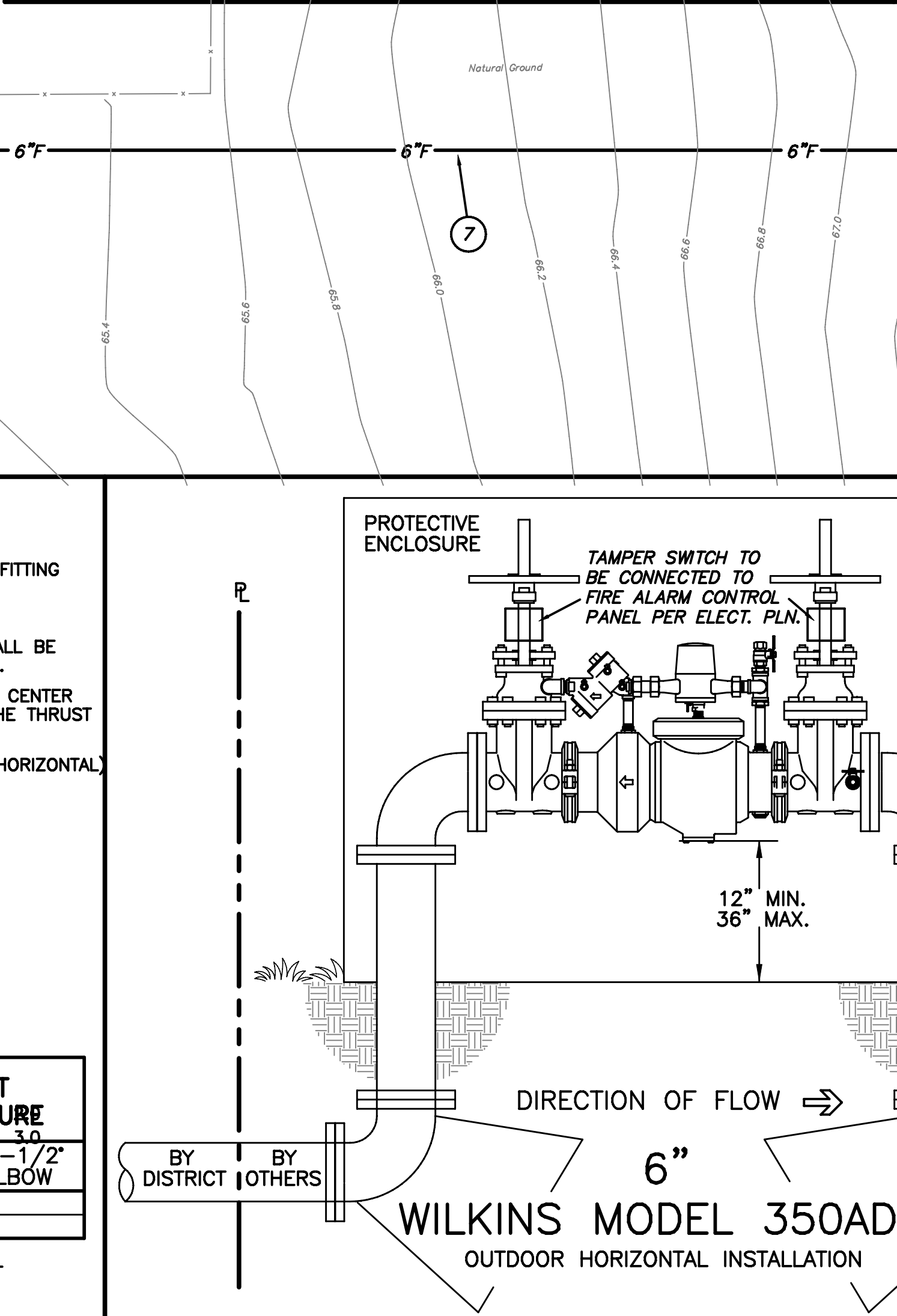
DETAIL "H" - THRUST BLOCKS
N.T.S.



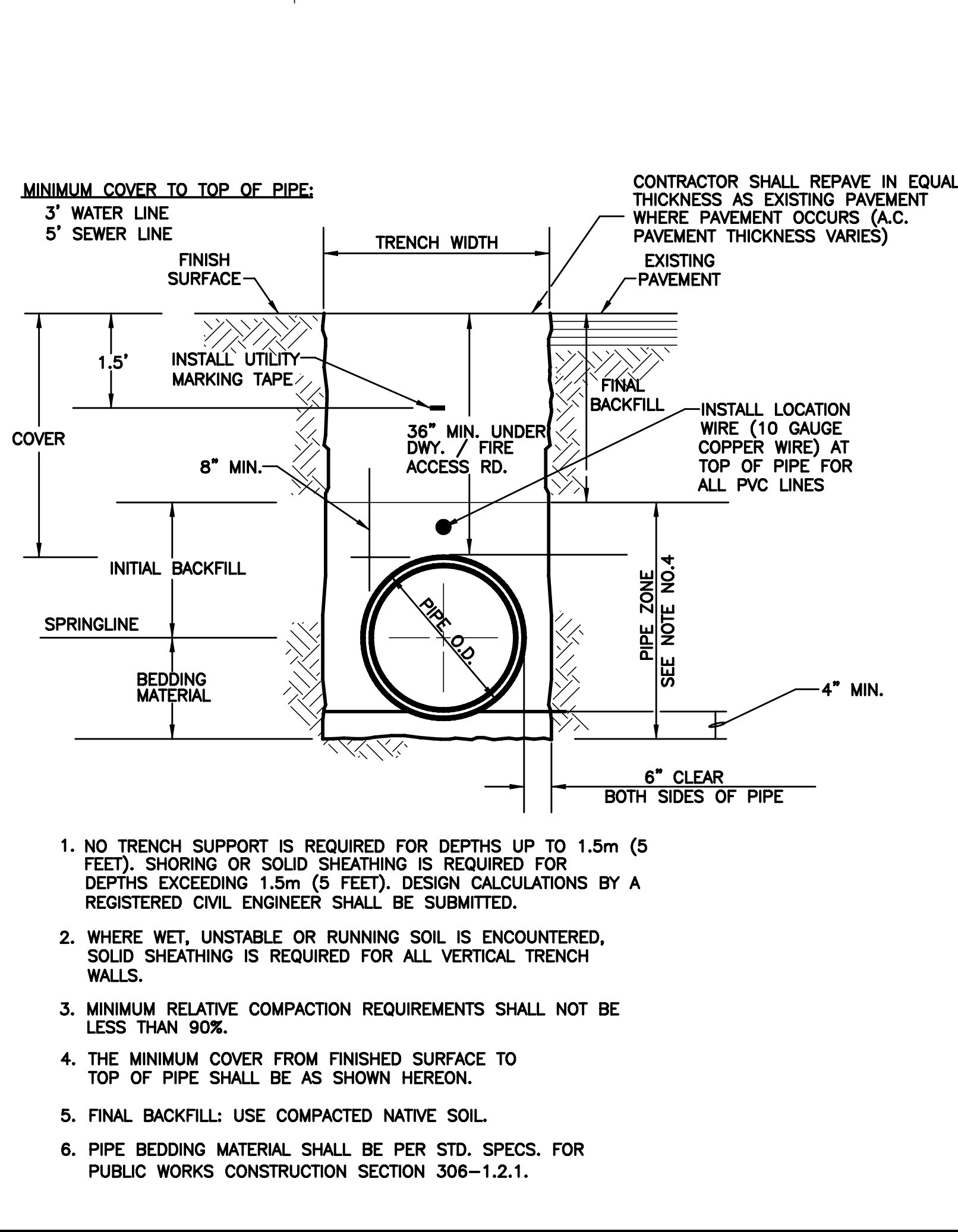
DETAIL "E" - SEWER CLEANOUT
N.T.S.



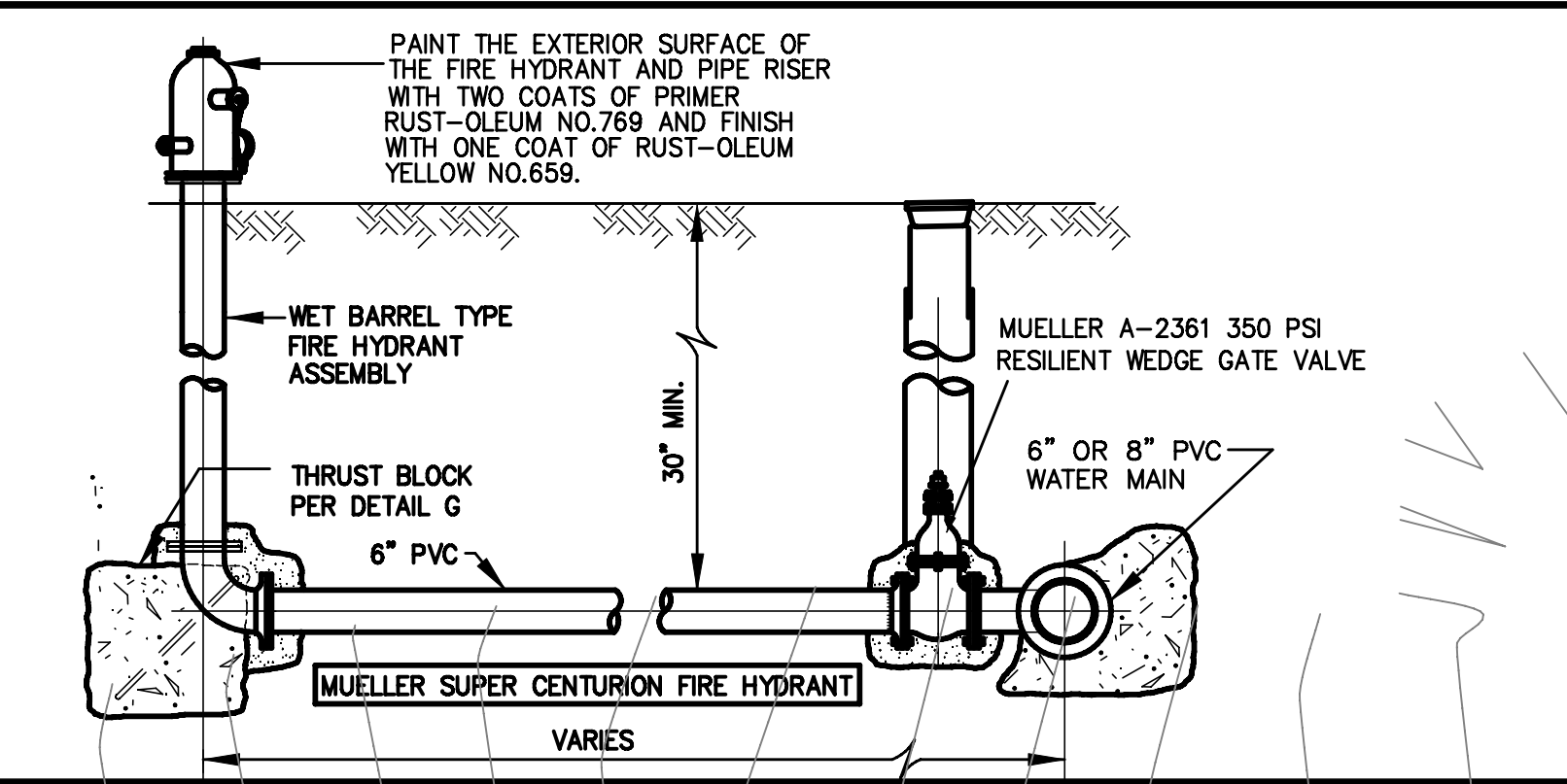
DETAIL "J" - PIPE BOLLARD
N.T.S.



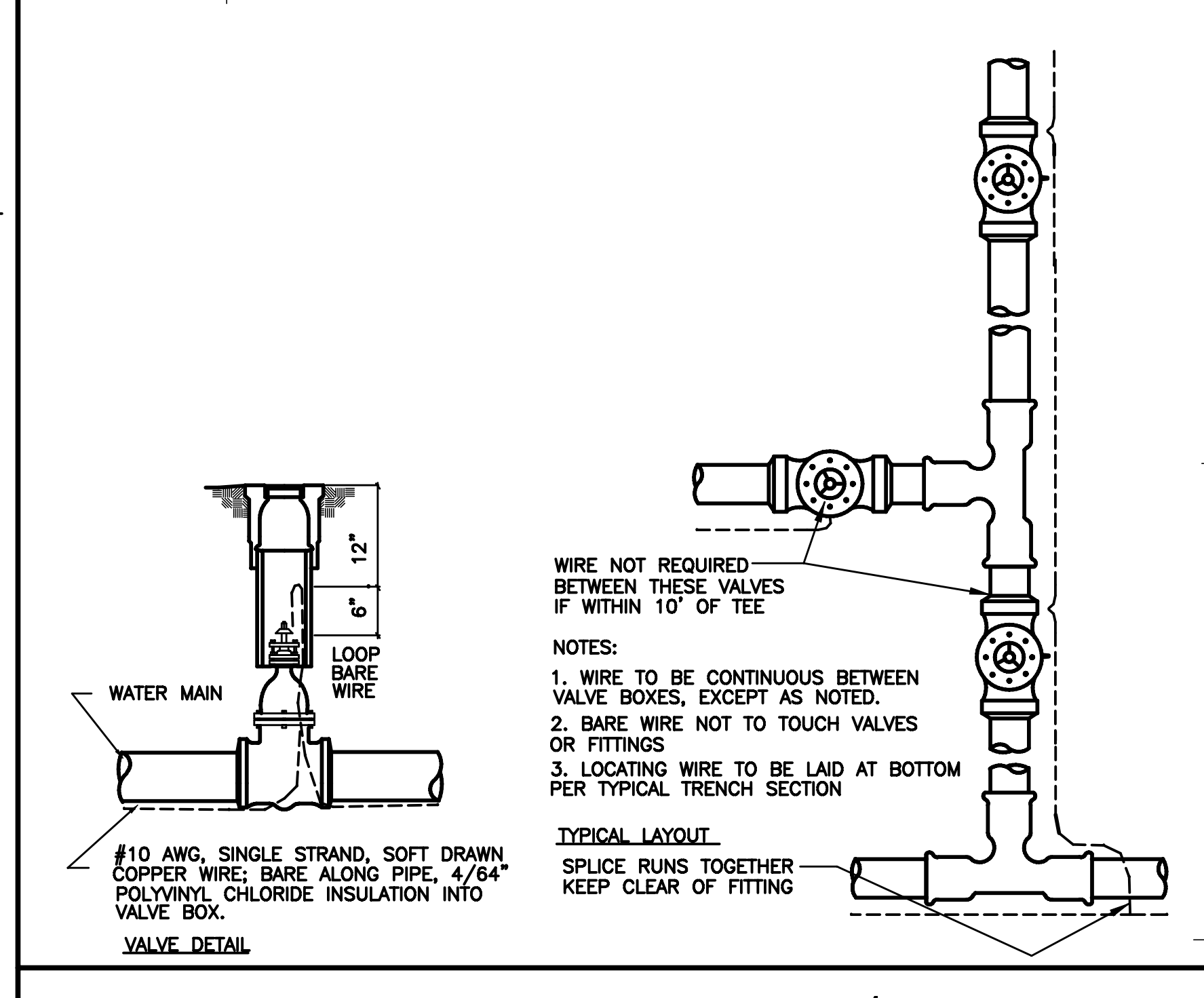
DETAIL "L" - DOUBLE CHECK DETECTOR ASSEMBLY
N.T.S.



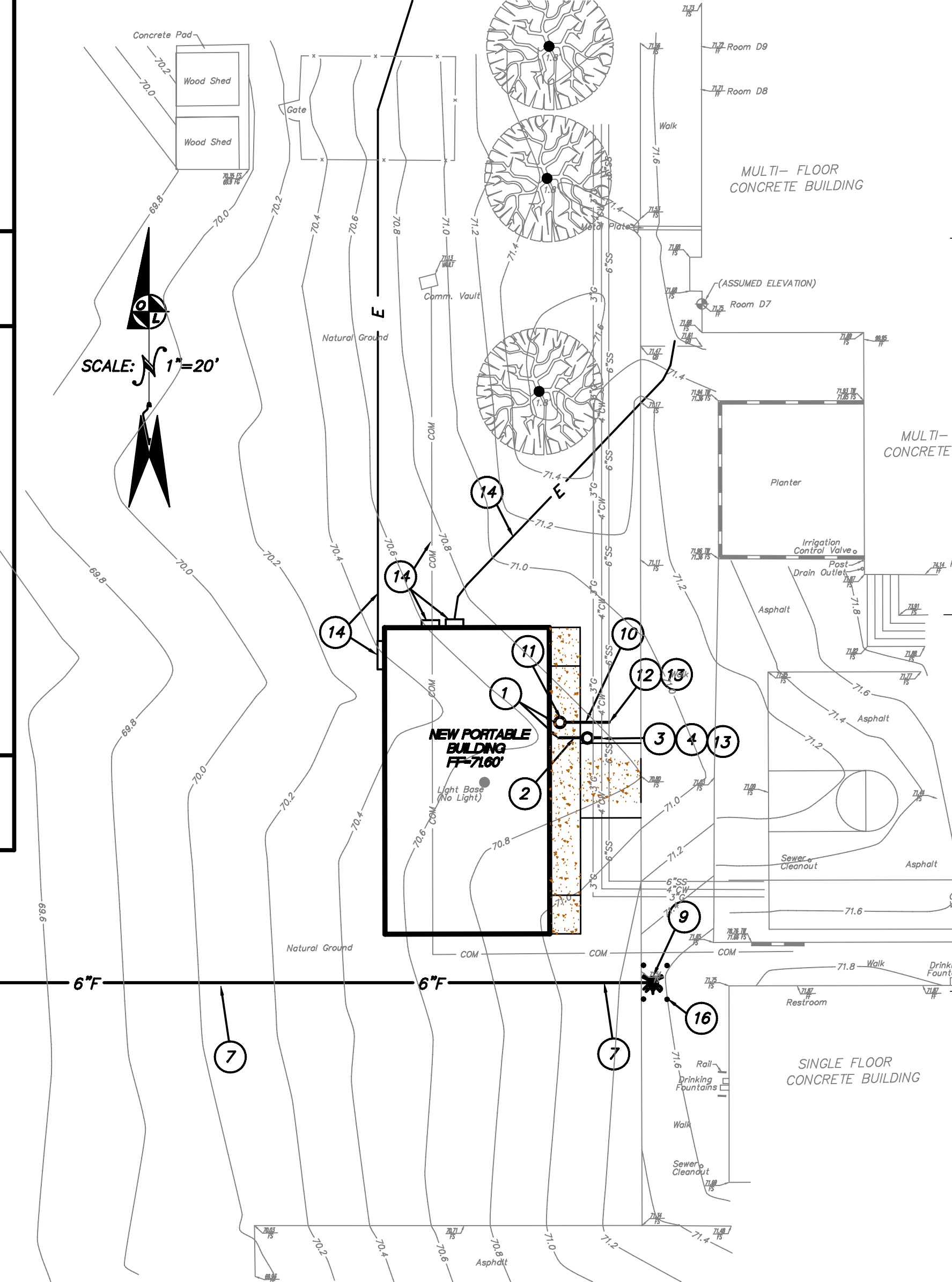
DETAIL "F" - UTILITY TRENCH
N.T.S.



DETAIL "K" - FIRE HYDRANT
N.T.S.



DETAIL "G" - LOCATING WIRE FOR WATER / SEWER SERVICE
N.T.S.



CONSTRUCTION NOTES

- POINT OF CONNECTION TO BUILDING (SEE BUILDING PLANS).
- CONSTRUCT 1" COPPER (TYPE L) WATER MAIN.
- CONSTRUCT 1" HOT TAP PER DETAIL "C" HEREON.
- CONSTRUCT 1" GATE VALVE PER DETAIL "D" HEREON.
- CONSTRUCT 6" HOT TAP PER DETAIL "C" HEREON.
- CONSTRUCT 6" GATE VALVE PER DETAIL "D" HEREON.
- CONSTRUCT 6" PVC (CLASS 200) PER APWA C-900 FIRE WATER MAIN.
- CONSTRUCT DOUBLE CHECK DETECTOR ASSEMBLY PER ROWLAND WATER SPECIFICATIONS. PROVIDE TAMPER SWITCH AND CONNECT TO CAMPUS ALARM SYSTEM, INCLUDING TRANSMISSION OF SIGNAL TO THE UL SUPERVISORY STATION. SEE DETAIL "L" HEREON.
- CONSTRUCT FIRE HYDRANT PER DETAIL "K" HEREON.
- CONSTRUCT 4" ABS (SCH. 40) SEWER MAIN.
- CONSTRUCT SADDLE CONNECTION TO EXISTING SEWER MAIN.
- CONSTRUCT SEWER CLEANOUT PER DETAIL "E" HEREON.
- POINT OF CONNECTION TO EXISTING UTILITY. CONTRACTOR TO VERIFY LOCATION AND VIABILITY OF SAID POINT OF CONNECTION.
- SEE ELECTRICAL PLANS.
- CONSTRUCT BACKFLOW VALVE CAGE PER DETAIL "I" HEREON. PLACE ON 4" CONCRETE SLAB.
- CONSTRUCT PIPE BOLLARD PER DETAIL "J" HEREON.

NOTE: SEE DETAILS "F", "G" & "H" HEREON FOR TRENCH, LOCATING WIRE, AND THRUST BLOCKS. INFORMATION

THIS PLAN WAS PREPARED UNDER THE DIRECTION OF THE BELOW SIGNED LICENSED CIVIL ENGINEER:

Robert G. Martinez 10-31-23
ROBERT G. MARTINEZ, R.C.E. 54360 DATE

ON LINE ENGINEERING
 PROFESSIONAL CIVIL ENGINEERING & LAND SURVEYING

823 N. REVERE AVENUE
 MONTEBELLO, CA 90640
 (626)791-3980, (626)255-8443m
 EMAIL: otengr@earthlink.net

DSA APPROVAL STAMP

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 03-123646 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 12/07/2023

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NOTES:
 1. WIRE TO BE CONTINUOUS BETWEEN VALVE BOXES, EXCEPT AS NOTED.
 2. BARE WIRE NOT TO TOUCH VALVES OR FITTINGS.
 3. LOCATING WIRE TO BE LAID AT BOTTOM PER TYPICAL TRENCH SECTION.
 TYPICAL LAYOUT. SPLICE RUNS TOGETHER KEEP CLEAR OF FITTING.

ROBERT G. MARTINEZ
 R.C.E. 54360
 Exp. 12-31-23
 CIVIL
 STATE OF CALIFORNIA

DENNIS JOON HO LEE
 C-29186
 4/30/2025
 DATE
 STATE OF CALIFORNIA

ARCHITECT: **CO-AR DESIGN, INC.**
 680 Brea Canyon Road, Suite 178
 Diamond Bar, California 91789
 Office: 909-598-0186

Dennis J. Lee, N.CARB dennis@coar.design.com

ROWLAND
 DIVISION OF THE STATE ARCHITECT

RELOCATION OF 1 - PORTABLE CLASSROOM FROM SANTANA HIGH TO TELESIS ACADEMY

ADDRESS: 2800 E. HOLLINGWORTH ST. WEST COVINA, CA 91792

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

SUBMITTAL RECORD:
 1. DSA PROGRESS 8/15/23
 2. DSA SUBMITTAL 9/28/23

PROJECT NO: 903-19
 SCALE: AS SHOWN
 DATE: 10/31/2023
 DRAWN BY: RGM
 CHECKED BY: RGM
 SHEET TITLE:

SITE UTILITY PLAN (WATER AND SEWER)

SHEET NO: **C-3**

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 03-123646 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 12/07/2023

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THE ARCHITECT ACCEPTS NO LIABILITY FOR DAMAGES, CLAIMS AND LOSSES, INCLUDING DEFENSE COSTS, ARISING OUT OF ANY REUSE OF THE PLANS AND SPECIFICATIONS WITHOUT THE WRITTEN AUTHORIZATION OF THE ARCHITECT OR RECORD.

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KEY NOTES (FOR THIS SHEET ONLY U.N.O.)

- (E) BUILDING TO REMAIN
 - (E) CHAIN FENCE LINK TO REMAIN
 - (E) CHAIN FENCE LINK GATE TO REMAIN
 - (E) PLAYGROUND EQUIPMENT TO REMAIN
 - (E) LAWN
 - (E) CONCRETE PAVING / WALK TO REMAIN
 - (E) A.C. PAVING
 - (E) CONCRETE PLANTBOX, TREE TO REMAIN
 - (E) ACCESSIBLE STAFF RESTROOMS
 - (E) HI-LO DRINKING FOUNTAINS, DSA 03-106892
 - (E) ACCESSIBLE CHAIR LIFT, DSA 03-106892
 - (E) CONC. CURB RAMP PER 03-112388
 - (E) CONC. CURB TO REMAIN
 - (E) BARRIER FREE PATH OF TRAVEL
 - (E) FIRE HYDRANT
 - (E) GIRLS RESTROOM
 - (E) ACCESSIBLE PARKING, DSA 03-112388
 - (E) BOYS RESTROOM
 - (E) WOMEN'S RESTROOM, DSA 03-106892
 - (E) MEN'S RESTROOM, DSA 03-106892
 - (E) ACCESSIBLE PARKING AND TOW-AWAY SIGN AT ENTRANCE TO PARKING AREA
 - (E) UNISEX RESTROOM
 - (E) GATE TO REMAIN, 3'-0"Wx6'-0"H FOR SINGLE-GATE AND (2) 3'-0"Wx6'-0"H FOR PAIR-GATE UNLESS NOTED OTHERWISE:
 - (E) STEEL FENCE / GATE PER 03-112388
 - (E) OFF-SITE FIRE HYDRANT
 - (E) BICYCLE PARKING
 - (E) SERVICE YARD
 - (E) CONC. SIDEWALK TO REMAIN
 - (E) ACCESSIBLE RAMP, DSA 03-106892
 - (E) 36" LONG TRUNCATED DOME
 - (E) PAIR 4'-0"Wx6'-0"H GATES W/ PANIC HARDWARE TO REMAIN
 - (E) ACCESSIBLE WALKWAY, DSA 03-114271
 - (E) 4'-0"Wx6'-0"H GATEWITH PANIC HARDWARE TO REMAIN
 - (E) SLIDING GATE TO REMAIN
 - (E) 4'-0" x 6'-0" GATE, DSA 03-106892.
 -
 - (E) UNDERGROUND PULL BOX
 - (E) ACCESSIBLE PARKING LOT SIGN
 - (E) STREET LIGHT POLE
- NEW LOCATION OF 32X60 RELOCATABLE CLASSROOM
 - NEW CONCRETE RAMPS PER CIVIL DRAWINGS & RAILINGS PER SHEET RRL-1 (PC#295).
 - NEW CONCRETE WALK
 - NEW FIRE HYDRANT, 1500 GPM @ 20 PSI, 2HR TRANSFORMER & DISCONNECT, SEE ELEC. DWGS.
 - PROVIDE NEW CHAIN LINK ENCLOSURE FOR NEW TRANSFORMER & DISCONNECT, SEE ELEC. DWGS.
 - PROVIDE BOLLARDS PER CIVIL DWGS. PROVIDE CLEAR SPACE OF MIN. 3' CIRCUMFERENCE AROUND HYDRANT, AND 5' IN FRONT OF FIRE HYDRANT CONNECTION.
 - (2) ACCESSIBLE ALL GENDER RESTROOMS
 - (N) EXTERIOR WALL PACK LIGHTING, SEE ELEC. DWGS

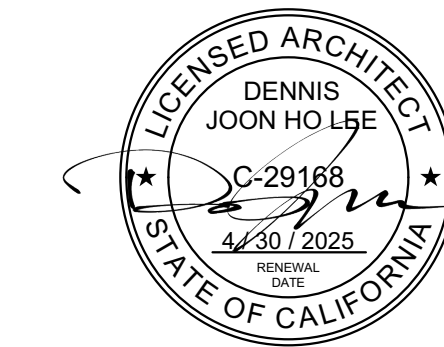
LEGEND

- ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELLED AT 1:2 MAX. SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/2" MAX. AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP RESISTANT. CROSS 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 WALL AND ABOVE 27" AND LESS THAN 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
- FIRE HYDRANT
- PATH OF EXIT DISCHARGE
- METAL FENCE
- CHAINLINK FENCE
- BUILDINGS (NOT PART OF THIS APPLICATION)
- NEW RELOCATABLE CLASSROOM BUILDING

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:

THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE 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 NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) 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 SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.



ARCHITECT:
CO-AR DESIGN, INC.
 680 Brea Canyon Road, Suite 178
 Diamond Bar, California 91789
 Office: 909-598-0186

Dennis J. Lee, NCARB dennis@coar-design.com



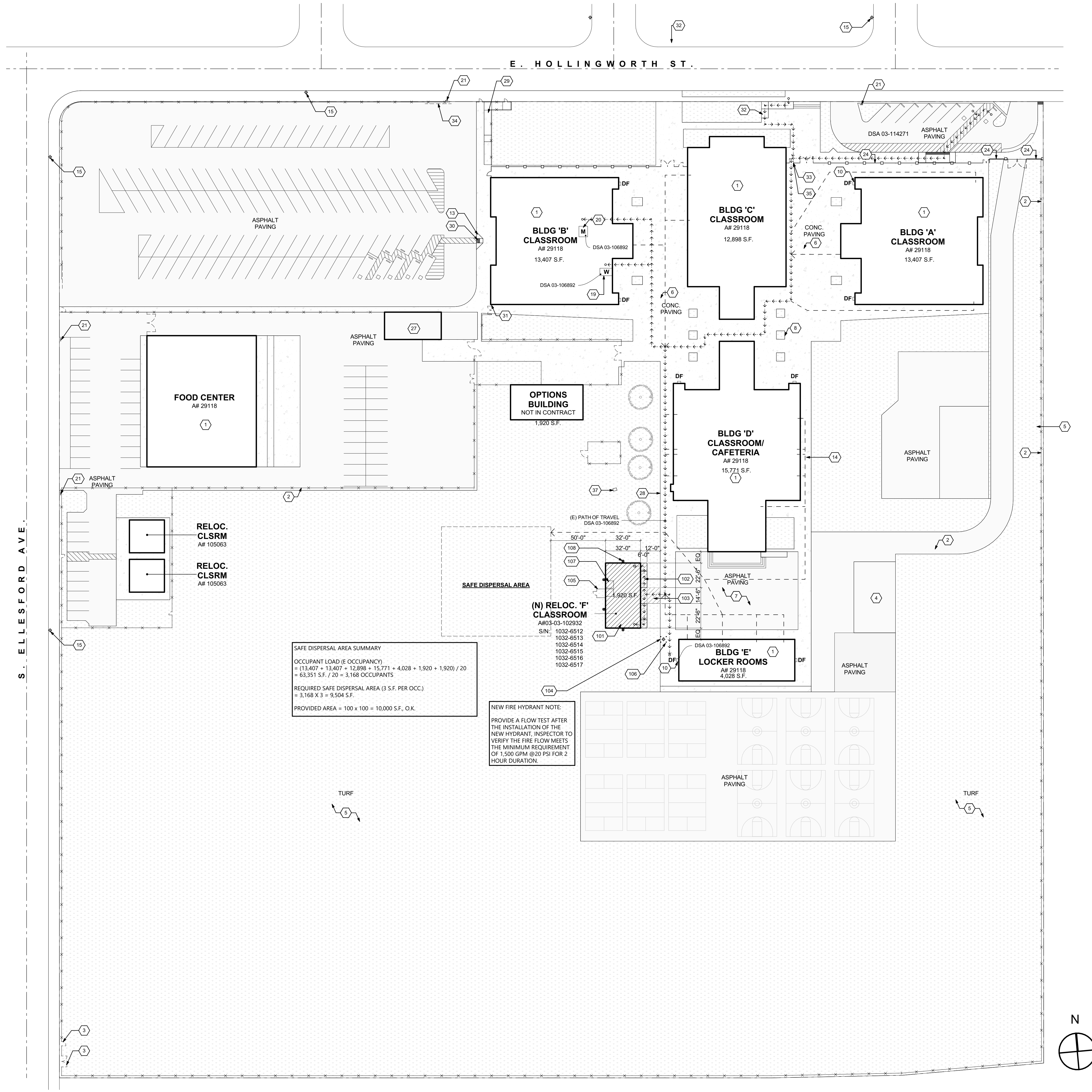
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CLIENT:
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 1830 NOGALES STREET
 ROWLAND HEIGHTS, CA 91748

SUBMITTALS / REVISIONS:	
1 DSA PROGRESS	8/15/23
2 DSA SUBMITTAL	9/26/23

PROJECT NO: 201904
 SCALE: AS SHOWN
 DATE: 11/6/2023
 DRAWN BY: ED / FW
 CHECKED BY: DL
 SHEET TITLE:
SITE PLAN



E. HOLLINGWORTH ST.

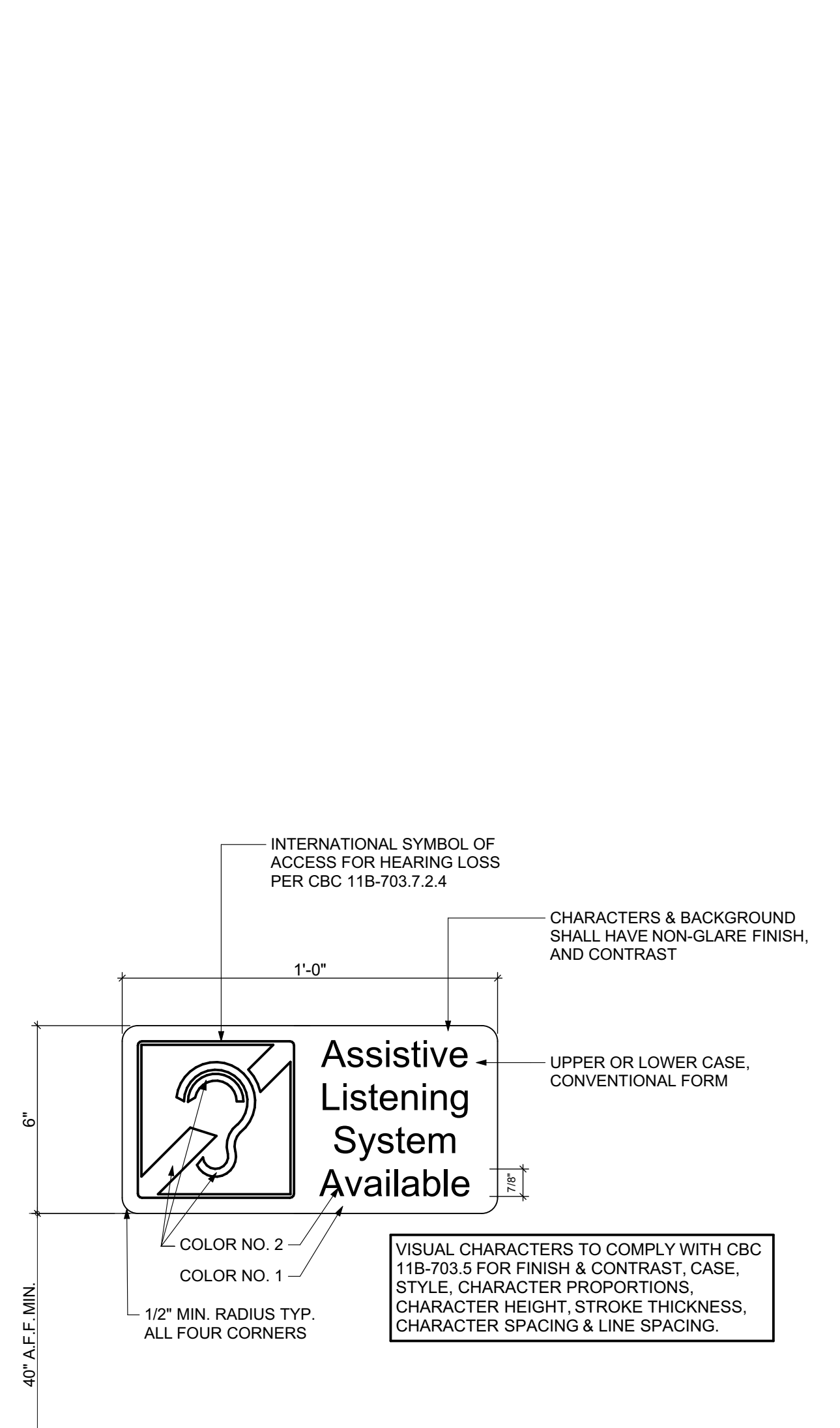
S ELLESFORD AVE.

SAFE DISPERSAL AREA SUMMARY
 OCCUPANT LOAD (E OCCUPANCY)
 = (13,407 + 13,407 + 12,898 + 15,771 + 4,028 + 1,920 + 1,920) / 20
 = 63,351 S.F. / 20 = 3,168 OCCUPANTS
 REQUIRED SAFE DISPERSAL AREA (3 S.F. PER OCC.)
 = 3,168 X 3 = 9,504 S.F.
 PROVIDED AREA = 100 x 100 = 10,000 S.F., O.K.

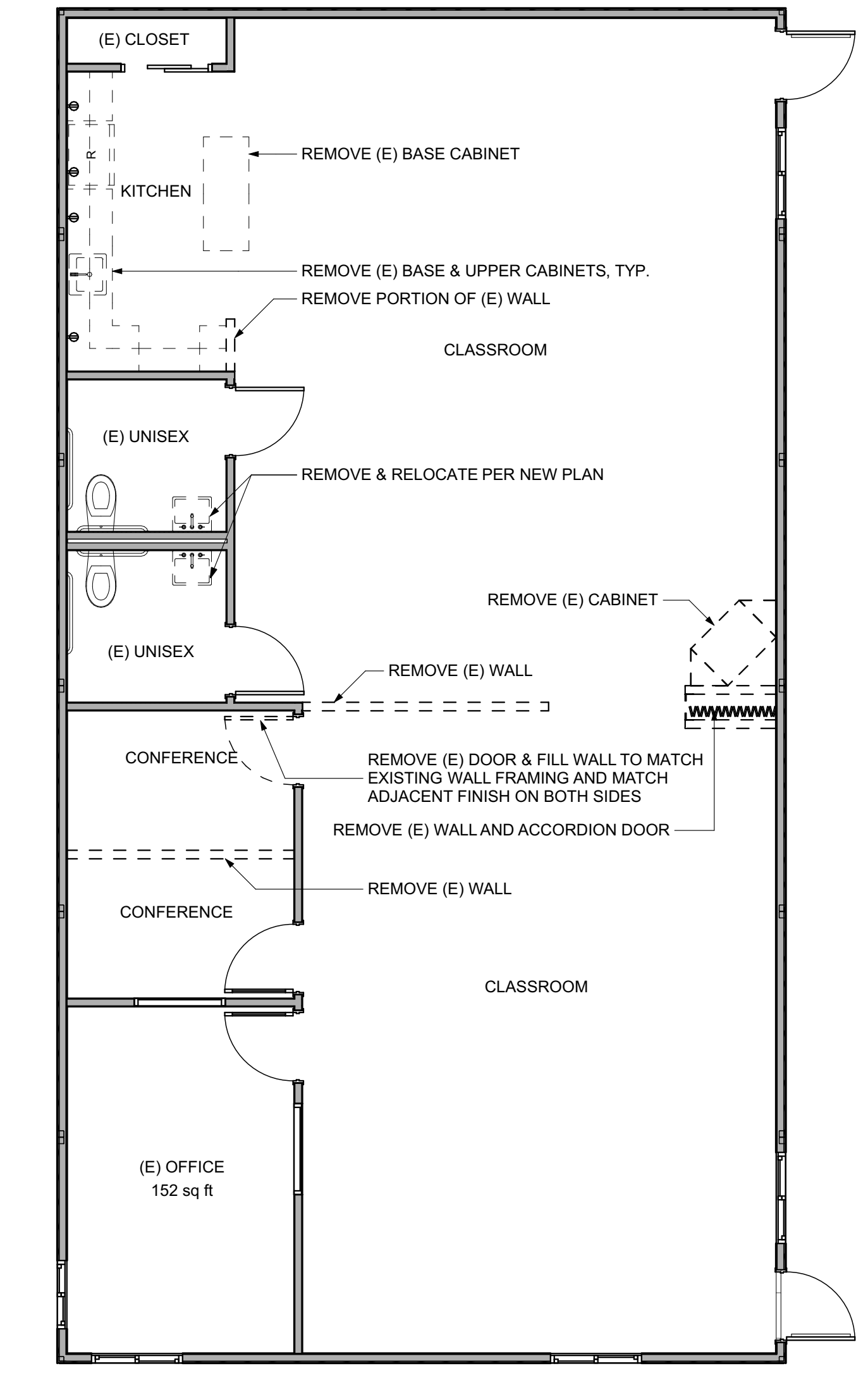
NEW FIRE HYDRANT NOTE
 PROVIDE A FLOW TEST AFTER THE INSTALLATION OF THE NEW HYDRANT. INSPECTOR TO VERIFY THE FIRE FLOW MEETS THE MINIMUM REQUIREMENT OF 1,500 GPM @ 20 PSI FOR 2 HOUR DURATION.

SITE PLAN
SCALE: 1" = 40'

B:\1\2023\03-123646-03-114271-03-106892-03-112388-03-112388\03-114271-03-106892-03-112388-03-112388.dwg, Monday, November 6, 2023, 9:55 AM

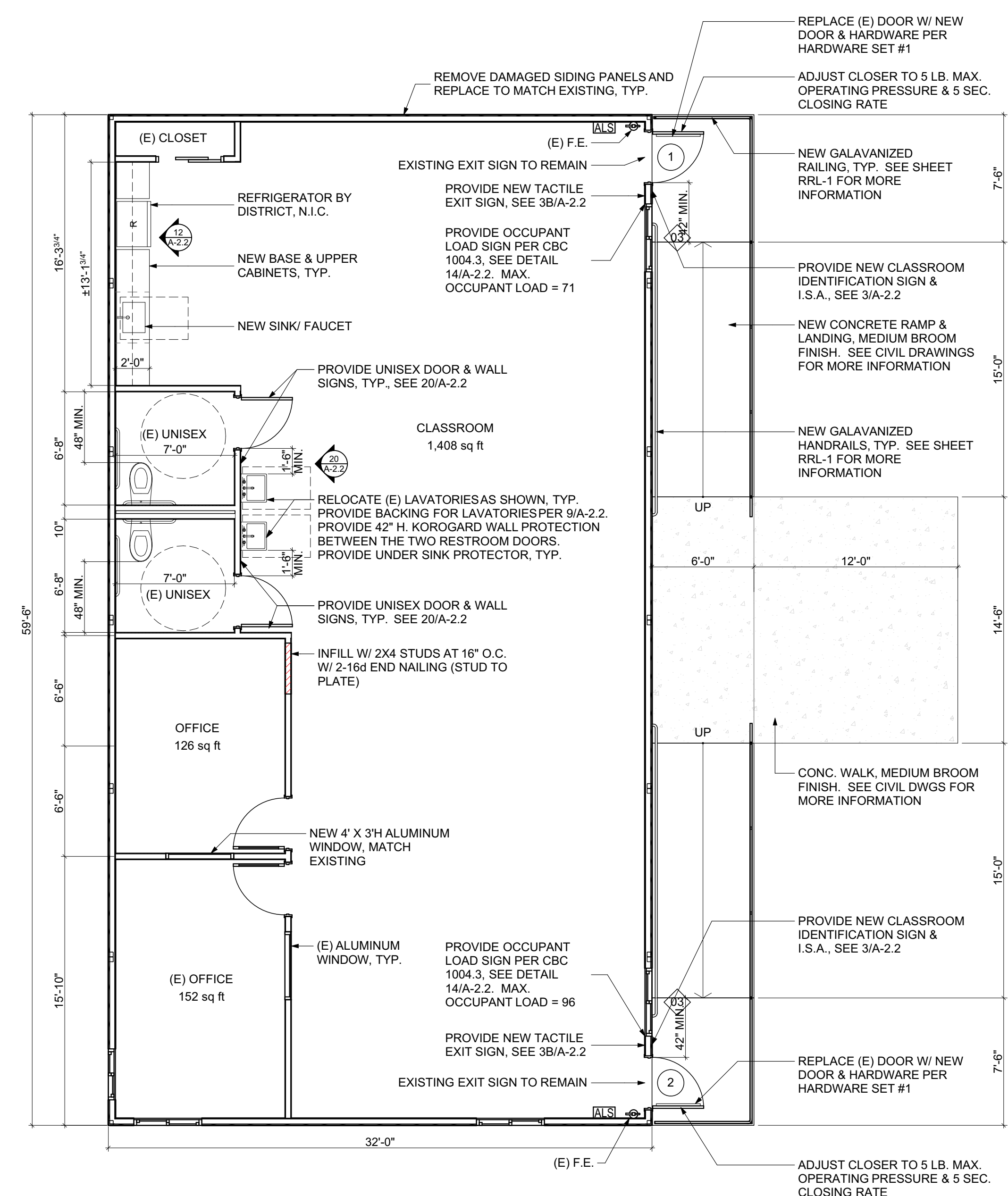


ASSISTIVE LISTENING SYSTEM SIGN 5
SCALE: 3" = 1'-0"



- DEMOLITION NOTES:**
- REMOVE (E) CARPET AND V.C.T., PREP SUB FLOOR AS REQUIRED FOR NEW SHEET VINYL FLOORING.
 - ALL FINISH MATERIALS ARE TO REMAIN UNLESS NOTED OTHERWISE. REMOVE ONLY AS NECESSARY FOR DISASSEMBLY AND RELOCATION OF THE BUILDING, AND RE-FINISH AS REQUIRED TO MATCH ALL EXISTING CONDITIONS PRIOR TO RELOCATION.
 - ROOFING SHALL BE CUT BACK AT MOULINE AS NECESSARY FOR DISASSEMBLY, AND SHALL BE RE-INSTALLED/ PATCHED AS REQUIRED FOR COMPLETE WATERPROOFING AFTER RELOCATION AND ASSEMBLY OF THE BUILDING.
 - REFER TO SPECIFICATIONS SECTION 13 60 50 FOR MORE INFORMATION.
 - PATCH, REPAIR AND REFINISH ALL SURFACES TO MATCH ADJACENT FINISHES.

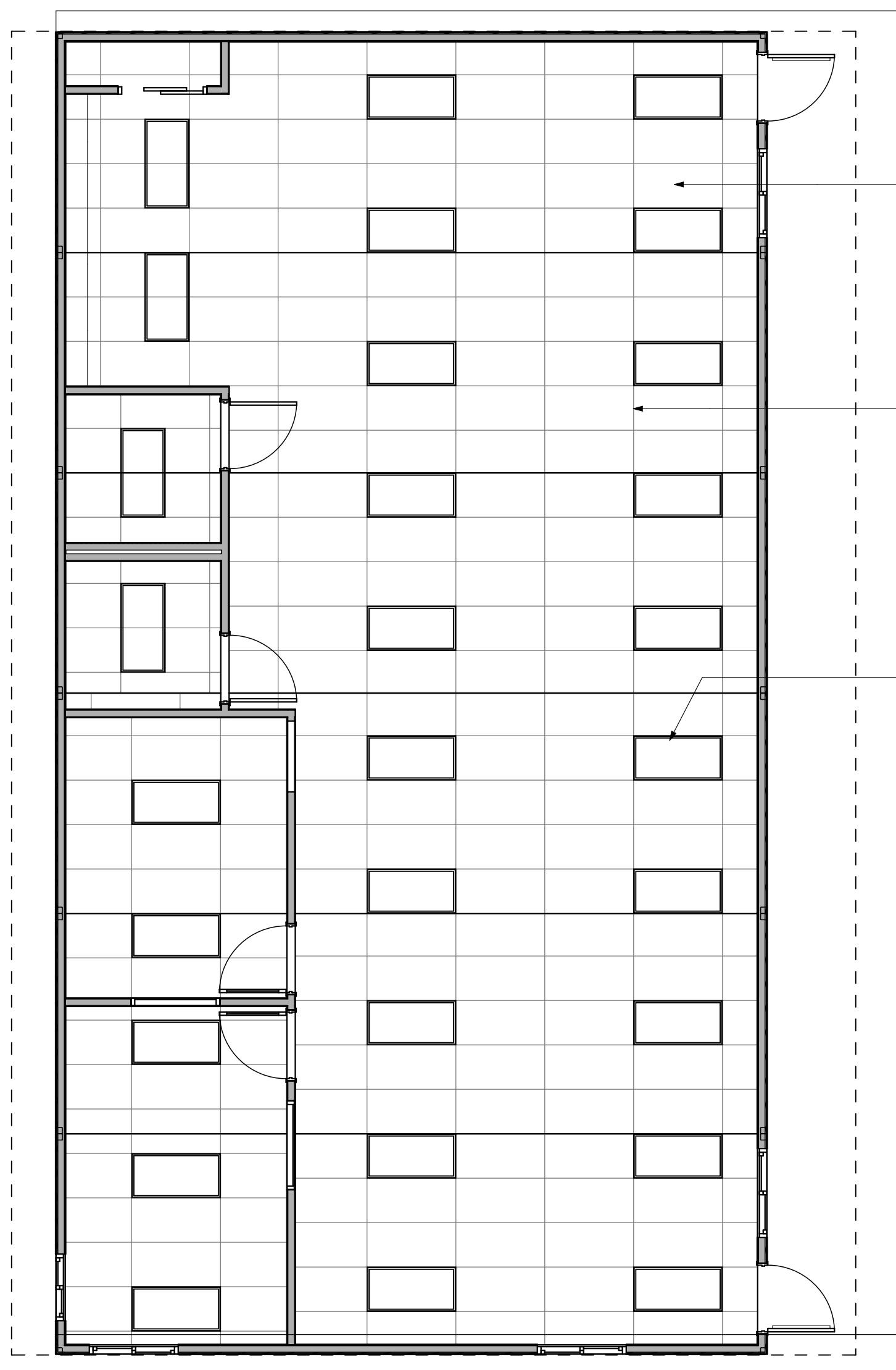
RELOCATABLE 'F' DEMOLITION PLAN 1
SCALE: 3/16" = 1'-0"



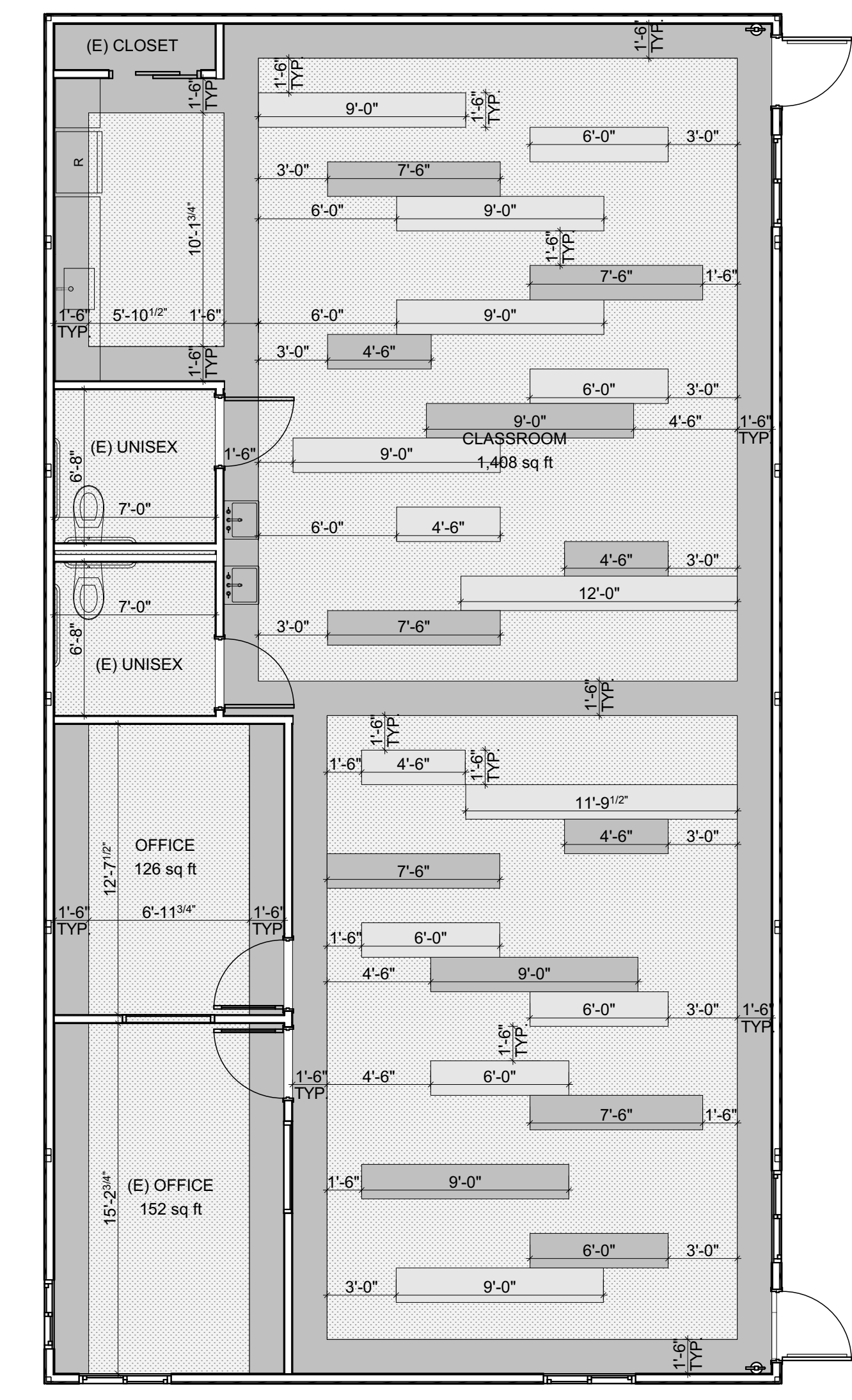
- HARDWARE SET #1**
- DOOR #1 SWING RHR**
- DOOR #2 SWING LHR**
- SUPPLY AND INSTALL 3'-0" X 7'-0" HOLLOW METAL DOOR 16 GA. POLYURETHANE FOAM FILLED CORE, GALVANIZED, CAPPED FLUSH TOP, SEAMLESS/ WELDED EDGE WITH INTERIOR STIFFENERS AND RACEWAY FOR FUTURE ACCESS CONTROL.
- 1EA. MARKAR FM300 WEP 630 HINGE
- 1EA. VON DURPIN CDSI X PA AX 99 EO 3' 626 PANIC HARDWARE
- 1EA. IVES VR910-NL 630
- 1EA. SCHLAGE 20-079 626 RIM HOUSING
- 1EA. SCHLAGE 26-094 626 MORTISE HOUSING
- 2EA. SCHLAGE 23-030 E KWY 626 CORE - TO BE KEYPED BY DISTRICT LOCKSMITH
- 1EA. LCN 4040 EDA 689 CLOSER
- 1EA. TRIMCO 10 X 34 KICK PLATE 630
- 1EA. PEMKO SWEEP 18061 CNB 36"
- 1EA. PEMKO THRESHOLD 172 AL 36"
- 1EA. PEMKO DOOR SEAL 2891 APK 3684
- 1EA. TRIMCO 1209 HO DOOR STOP/HOLDER
- 1EA. ASA STRIKE FILLER PLATE BOX
- 3EA. HINGE FILLER PLATES
- * CBC 1010.1.11 Group E Lockable Doors From The Inside**
New buildings included in state funded projects for kindergarten through 12th grade facilities shall include locks that allow rooms with an occupancy of five or more to be locked from the inside.
Provide hardware that are lockable from the inside for doors 1 and 2.

- LEGEND:**
- [ALS]** PROVIDE ASSISTIVE LISTENING SYSTEM SIGN, SEE 5/A-2.1
- DESIGN OCC. LOAD: 1,408 S.F. / 20 = 71 STUDENTS
OF RECEIVERS: 4% x 71 = 3 MIN.
- DISTRICT TO PROVIDE MIN. OF 1 TRANSMITTER & 3 RECEIVERS PER SPECIFICATIONS. MIN. OF 2 RECEIVERS SHALL BE HEARING-AID COMPATIBLE PER CBC 11B-706.3.

RELOCATABLE 'F' FLOOR PLAN 2
SCALE: 3/16" = 1'-0"

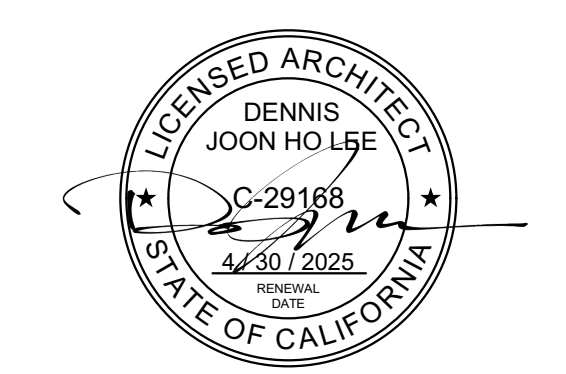


RELOCATABLE 'F' REFLECTED CEILING PLAN 3
SCALE: 3/16" = 1'-0"



- FINISH FLOOR LEGEND**
- INSTALL FINISH FLOORING PER MANUFACTURER'S RECOMMENDATIONS, TYPICAL.
- 'ARMSTRONG': COLORART MEDINTONE DIAMOND 10 TECHNOLOGY COATING, COLOR: ROCK DUST LIGHT, H5307**
- 'ARMSTRONG': COLORART MEDINTONE DIAMOND 10 TECHNOLOGY COATING, COLOR: LIME GRASS, H5408**
- 'ARMSTRONG': COLORART MEDINTONE DIAMOND 10 TECHNOLOGY COATING, COLOR: NATURAL GRAY, H5305**
- ARMSTRONG FLOORING**
CONTACT: STEVE FRIEDMAN,
(714) 604.7423, sfriedman@trwestltd.com

FLOOR FINISH PLAN 4
SCALE: 3/16" = 1'-0"



ARCHITECT:
CO-AR DESIGN, INC.
680 Brea Canyon Road, Suite 178
Diamond Bar, California 91789
Office: 909-598-0186
dennisj@coar-design.com



RELOCATION OF 1 - PORTABLE CLASSROOM FROM SANTANA HIGH TO TELESIS ACADEMY

ADDRESS:
2800 E. HOLLINGWORTH ST.
WEST COVINA, CA. 91792

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

SUBMITTAL REVISIONS:

1	DSA PROGRESS	8/15/23
2	DSA SUBMITTAL	9/29/23

PROJECT NO: 201904
SCALE: AS SHOWN
DATE: 11/7/2023
DRAWN BY: ED / FW
CHECKED BY: DL

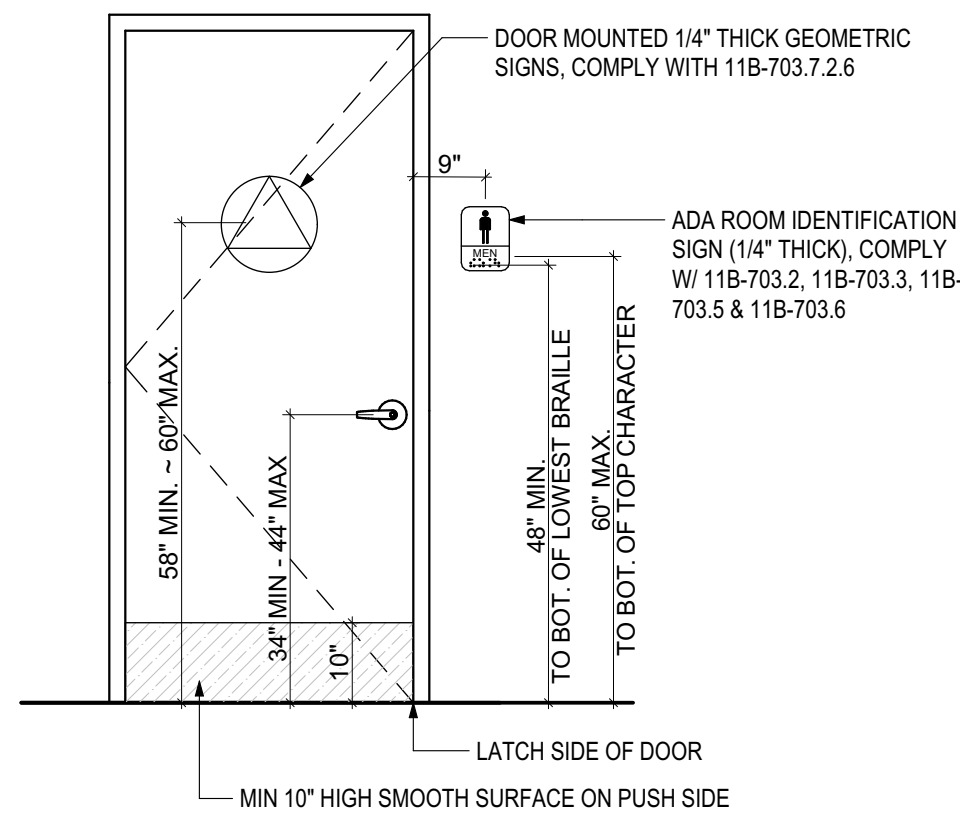
SHEET TITLE:
RELOCATABLE 'F' PLANS

SHEET NO:

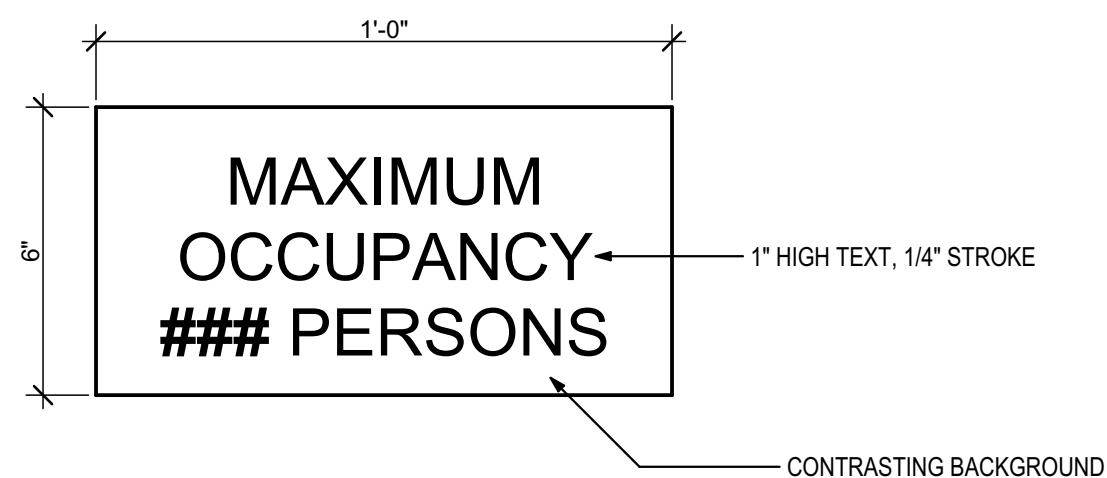
B:\Maple\COLR-COM-31 - BNA\Drawings\Architect\27\201904\61603 - Telelis - Relocation\2023 - Telelis - November 7, 2023 - 1:23 AM

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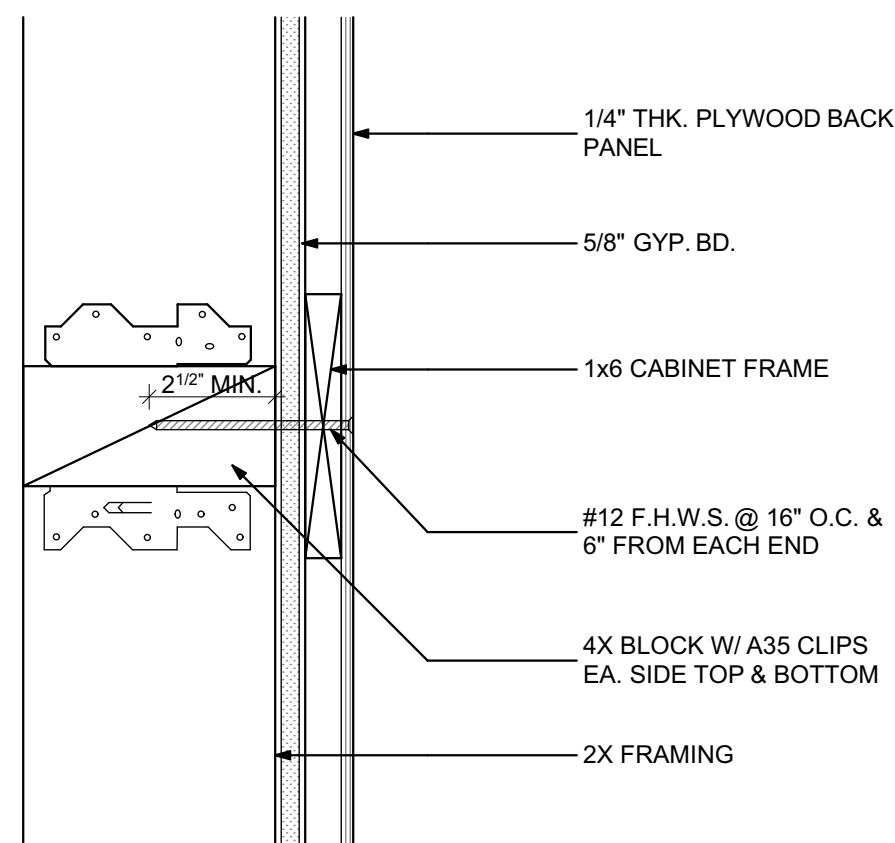


ACCESSIBLE RESTROOM SIGN MOUNTING
SCALE: 1/2" = 1'-0"
17

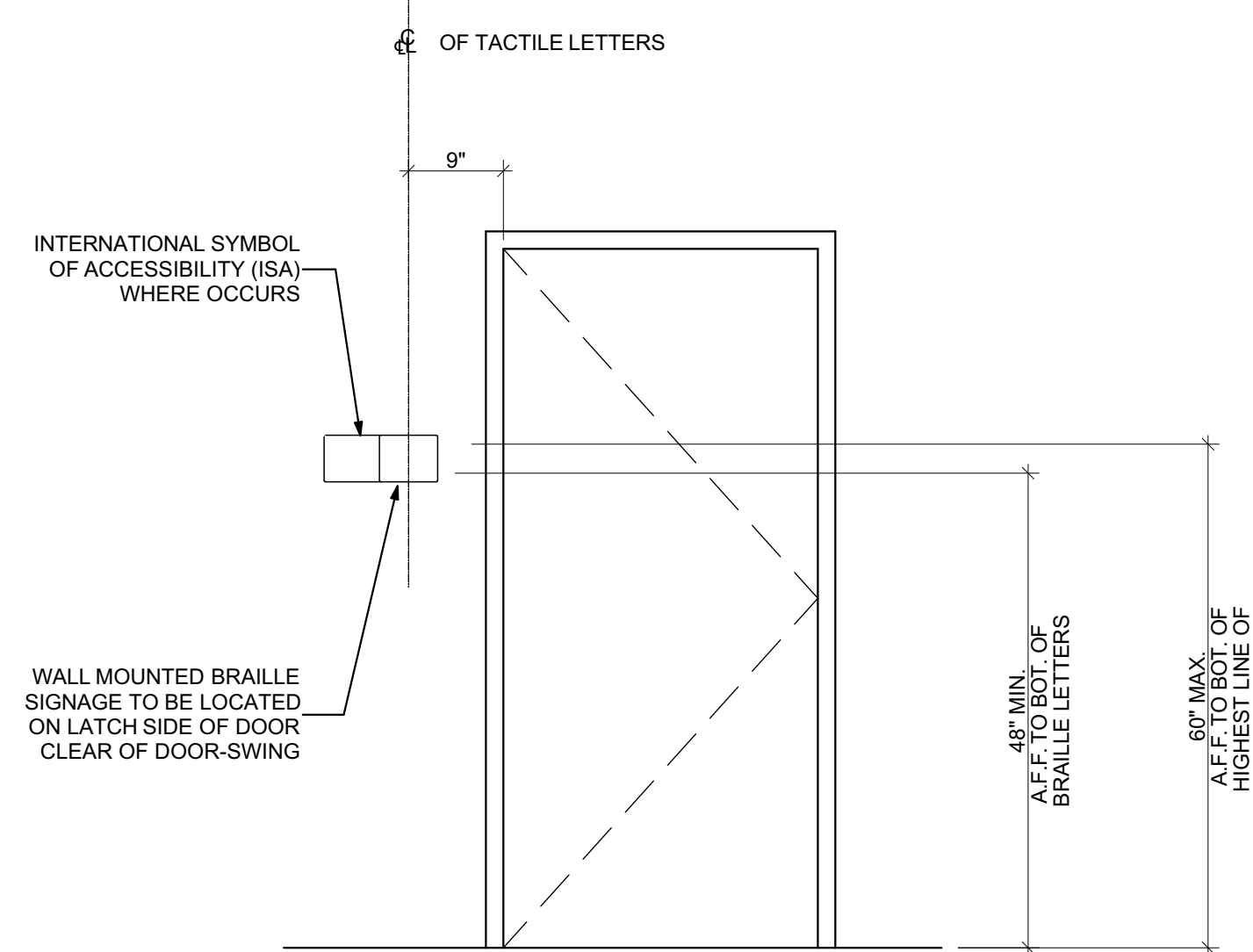


NOTE: REFER TO PLANS FOR SIGN LOCATIONS AND OCCUPANT LOAD INFO.

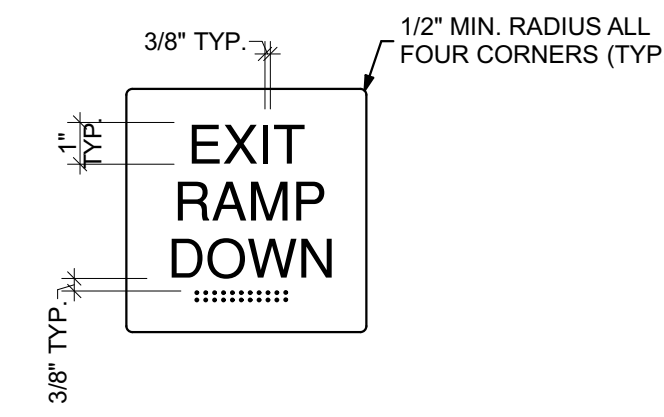
OCCUPANT LOAD SIGN
SCALE: 3" = 1'-0"
14



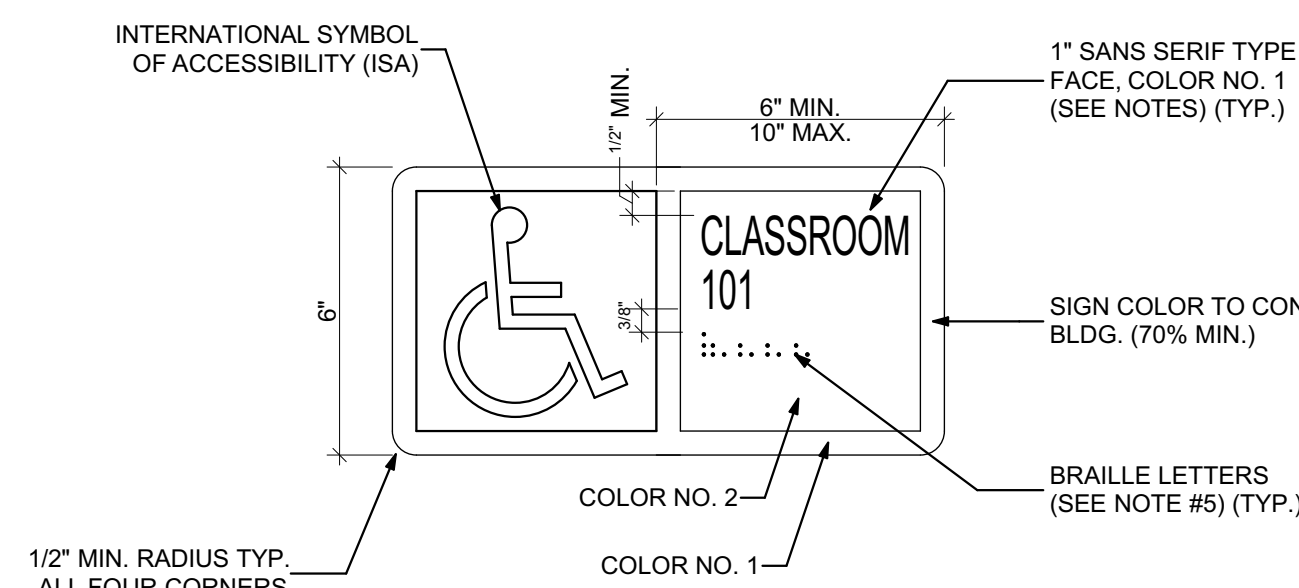
CASEWORK WALL ANCHORAGE
SCALE: 3" = 1'-0"
9



A TYP. SIGNAGE MOUNTING

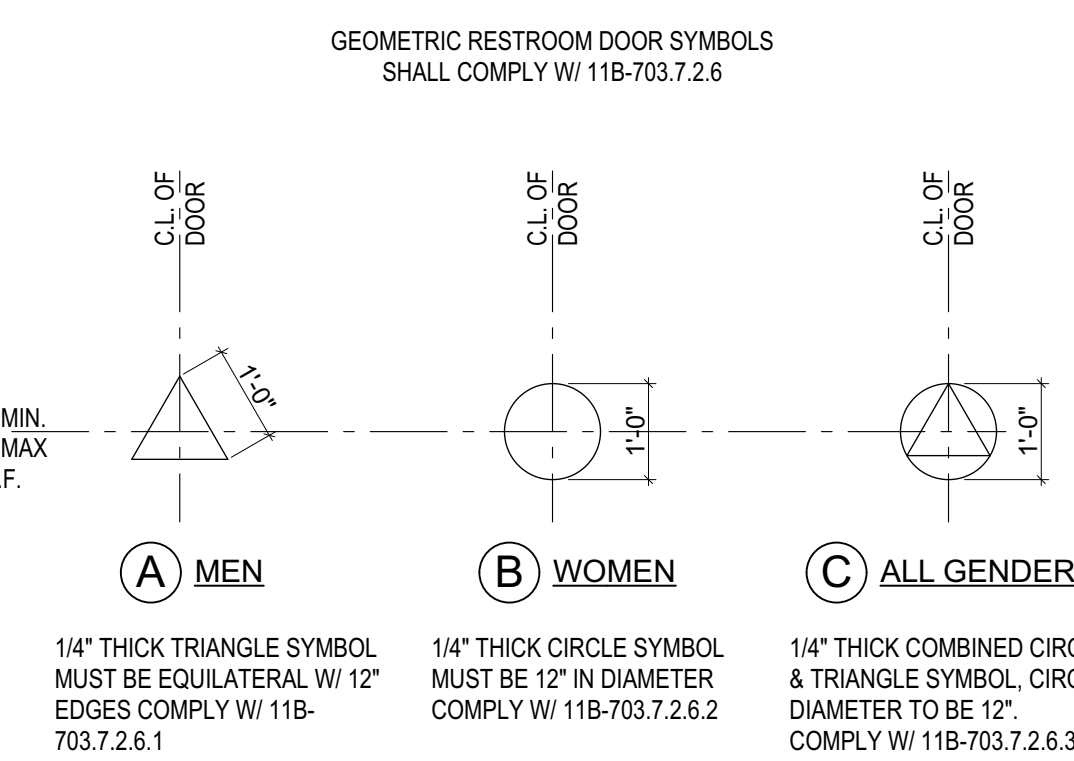


B TYP. EXIT SIGN

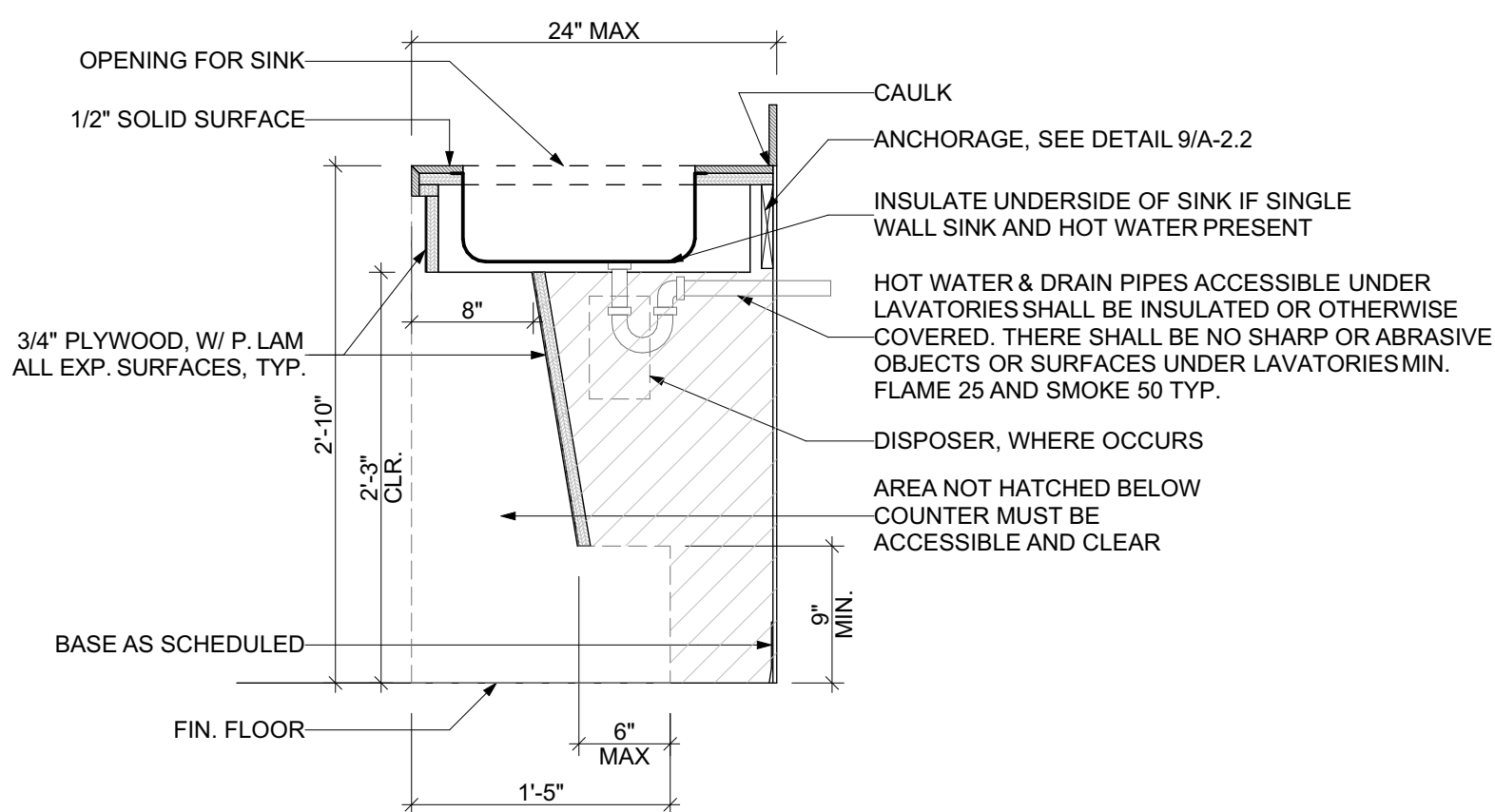


C TYP. ACCESSIBLE BUILDING ENTRANCE SIGN

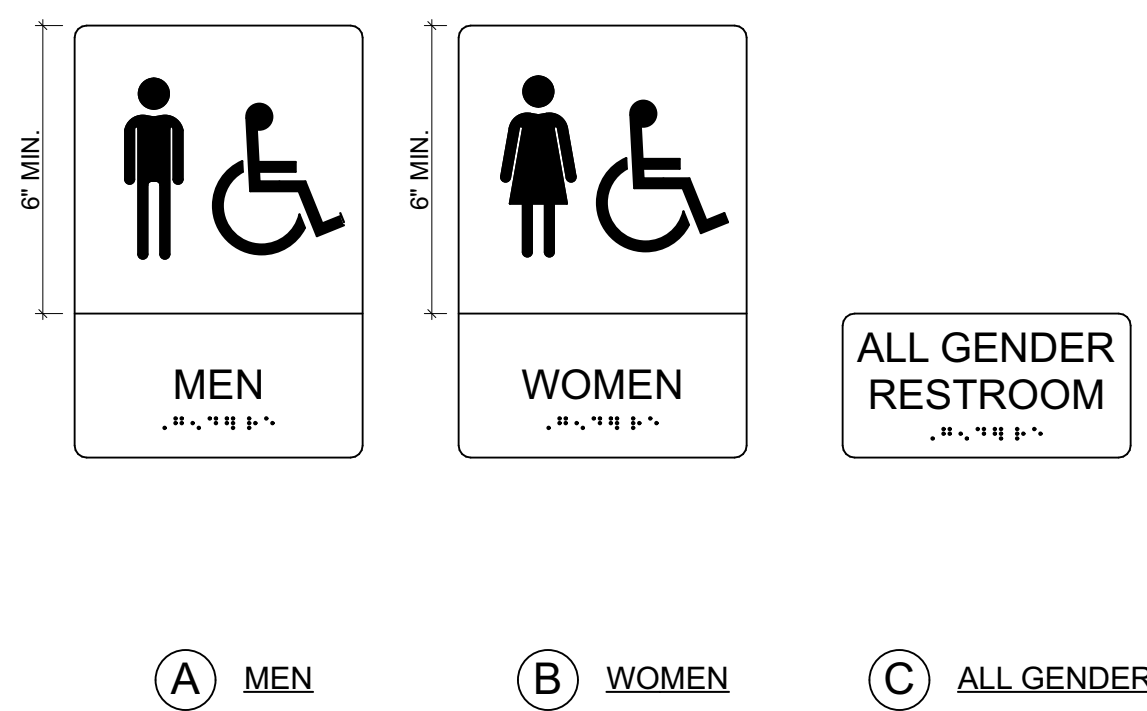
NOTE:
1. CHARACTERS ON SIGNS SHALL BE RAISED 1/32 INCH MINIMUM AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE.
2. RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8 INCH AND A MAXIMUM OF 2 INCHES HIGH.
3. CONTRAST BETWEEN CHARACTERS, SYMBOLS AND THEIR BACKGROUND MUST BE 70% MINIMUM AND HAVE A NON-GLARE FINISH.
4. CHARACTERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO OF BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH-TO-HEIGHT RATIO OF BETWEEN 1:5 AND 1:10.
5. CALIFORNIA GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE IS REQUIRED IN OTHER PORTIONS OF THESE STANDARDS. DOTS SHALL BE 1/10 INCH ON CENTERS IN EACH CELL WITH 2/10 INCH SPACE BETWEEN CELLS. MEASURED IN THE SECOND COLUMN OF DOTS IN THE FIRST CELL TO THE FIRST COLUMN OF DOTS IN THE SECOND CELL. DOTS SHALL BE RAISED A MINIMUM OF 1/40 INCH ABOVE THE BACKGROUND.



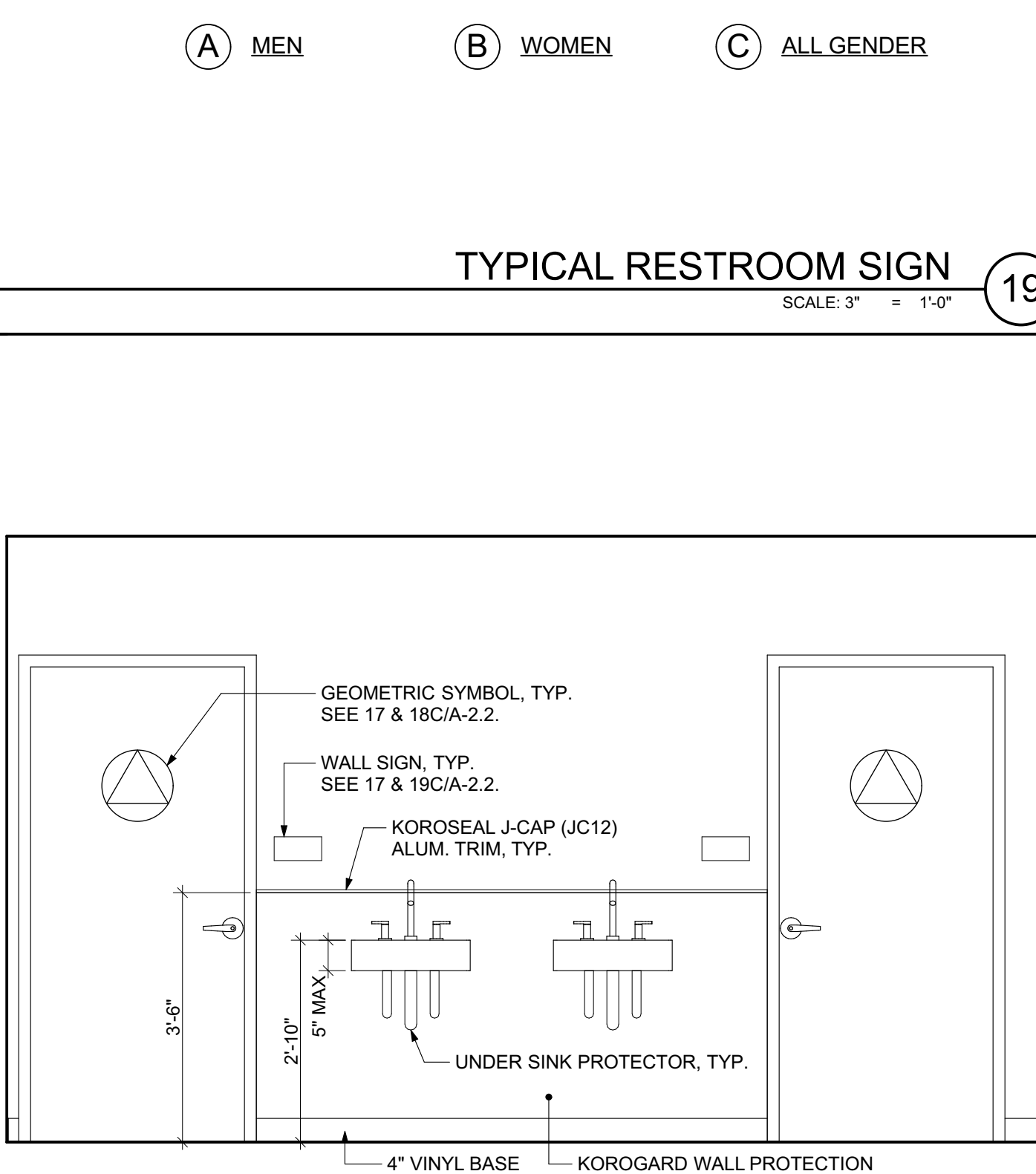
RESTROOM DOOR GEOMETRIC SYMBOLS
SCALE: 1/2" = 1'-0"
18



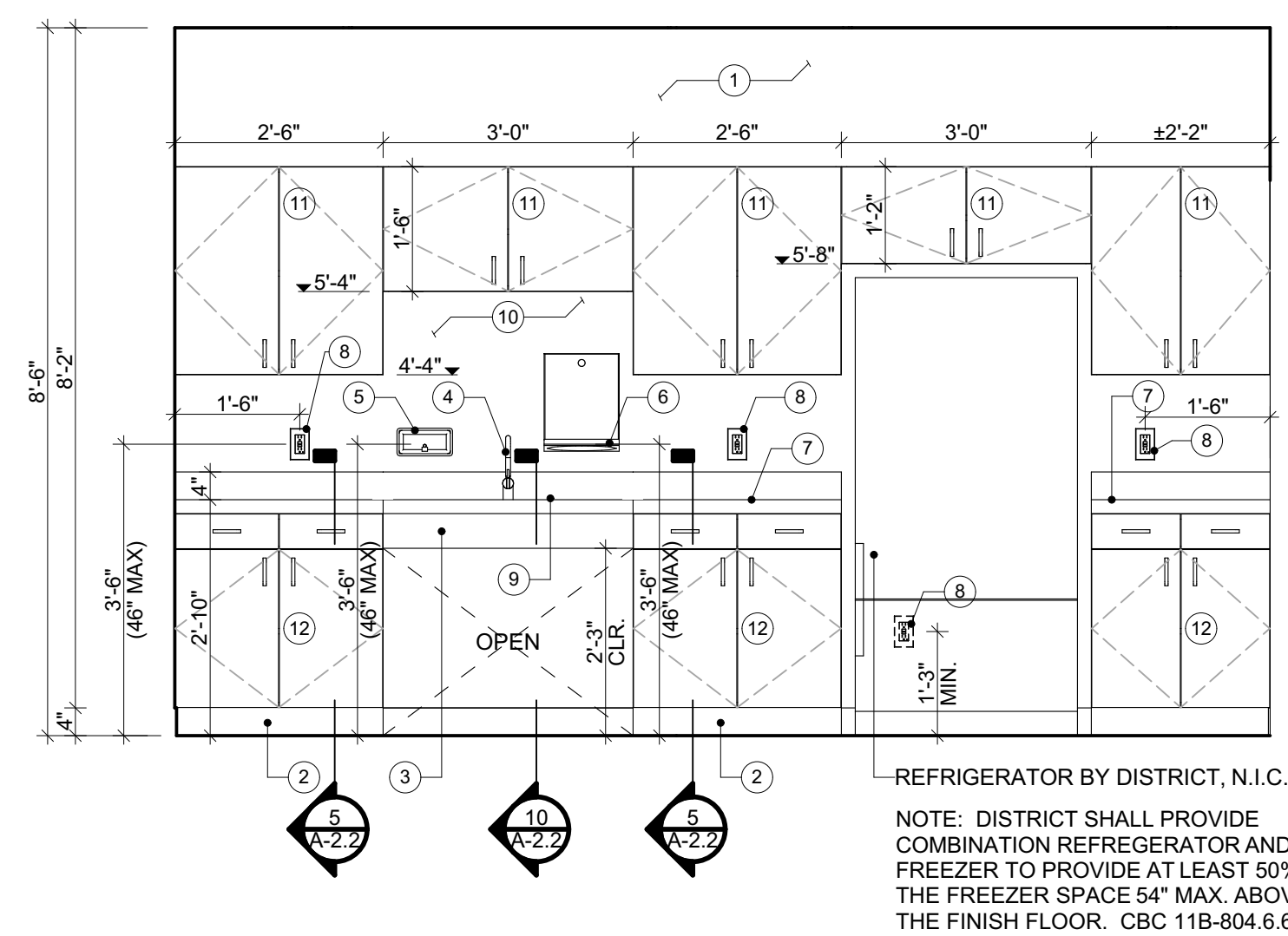
ADA SINK BASE CABINET
SCALE: 1" = 1'-0"
10



TYPICAL RESTROOM SIGN
SCALE: 3" = 1'-0"
19



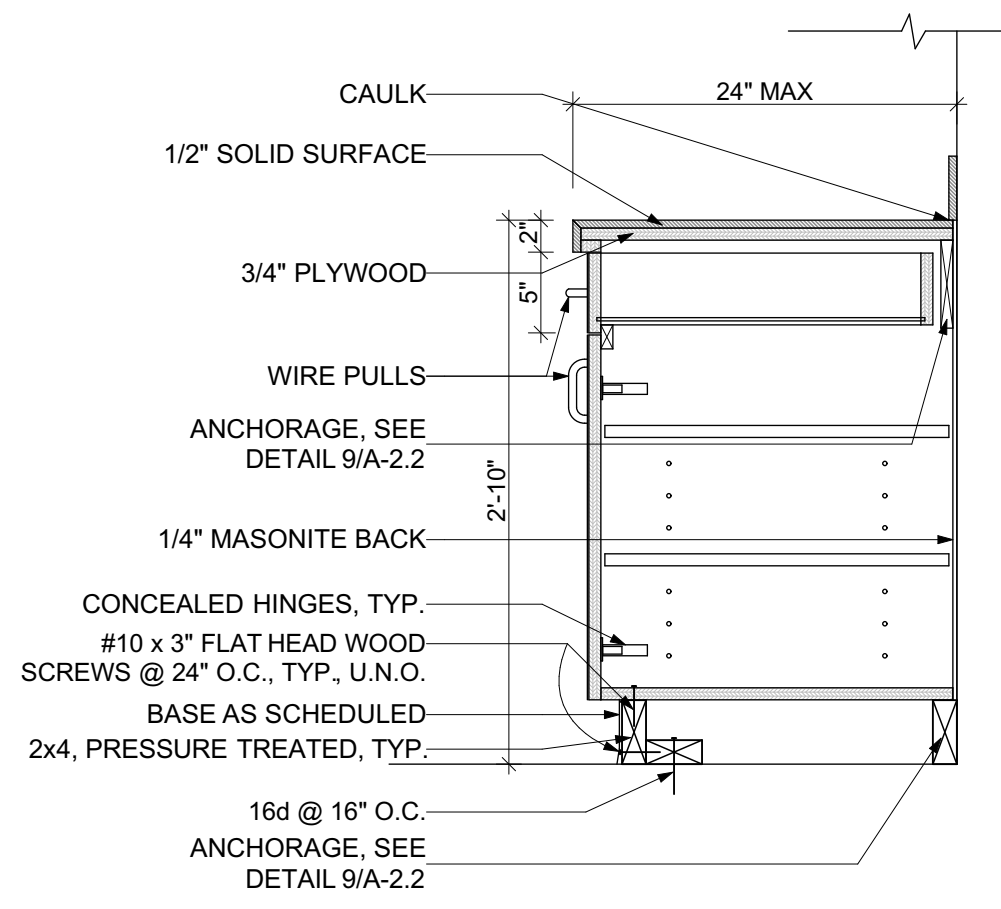
RESTROOM WALL ELEVATION
SCALE: 1/2" = 1'-0"
20



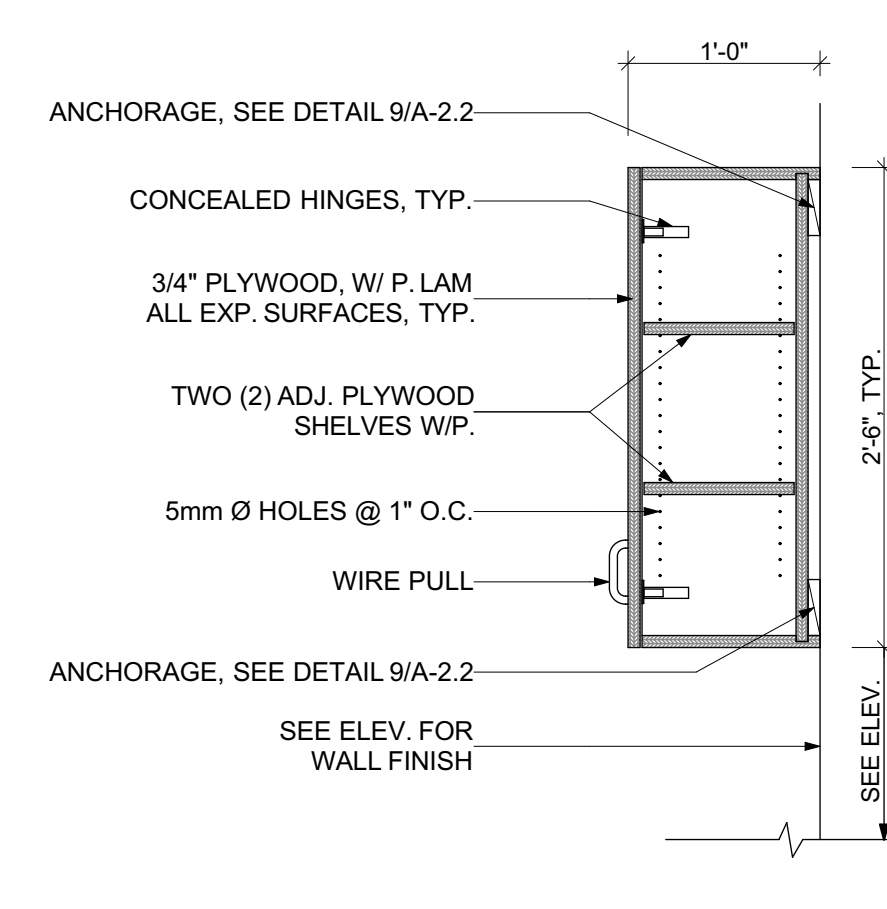
- KEYNOTES**
- 5/8" TYPE "X" PAINTED GYPSUM BOARD WALL
 - 4" HIGH VINYL WALL BASE
"FLEXCO", BASE 2000, COLOR: BLACK DAHLIA 01
CONTACT: STEVE FRIEDMAN, (714) 604.7423, sfriedman@trivesttd.com
 - ACCESSIBLE SINK CABINET (WIC 154C, WITHOUT CABINET BASE)
"WILSONART", BATTLESHIP, 5014K-19, FINISH: LENO WEAVE
DETAIL ON 9/A-2.2
CONTACT: EILEEN CAPELLE, (323) 559.3070, ecapelle@ebsbradley.com
 - DECK MOUNTED GOOSENECK WATER FAUCET
"CHICAGO", 434-ABCP, COLOR: POLISHED CHROME
 - SOAP DISPENSER (O.F.O.I.)
 - PAPER TOWEL DISPENSER (O.F.O.I.)
 - COUNTER WITH 4" HIGH BACK SPLASH
"CORIAN", SOLID SURFACE, COLOR: RAIN CLOUD
CONTACT: OZZIE MERCADO, (809) 260.0198, ozziem@4willis.com
 - ELECTRICAL / DATA OUTLET TYP. SEE ELEC PLANS
 - UNDER-MOUNT SINK (23" x 18")
"AMERICAN STANDARD", PORTSMOUTH, 18586231800S.075,
COLOR: STAINLESS STEEL
 - WALL PROTECTION SHEET COVERING
"KOROGARD", COLOR: EVE BLUE
CONTACT: CHRISTINE NISH, (310) 433.8411, cnish@koroseal.com
 - WALL HUNG UPPER CABINET (WIC 302M)
"WILSONART", BATTLESHIP, 5014K-19, FINISH: LENO WEAVE
MODIFY CABINETS TO TWO(2) ADJUSTABLE SHELVES, DETAIL 9/A-2.2
CONTACT: EILEEN CAPELLE, (323) 559.3070, ecapelle@ebsbradley.com
 - BASE CABINET WITH DRAWERS (WIC 222M)
"WILSONART", BATTLESHIP, 5014K-19, FINISH: LENO WEAVE
MODIFY CABINETS TO TWO(2) ADJUSTABLE SHELVES, DETAIL 9/A-2.2
CONTACT: EILEEN CAPELLE, (323) 559.3070, ecapelle@ebsbradley.com

NOTE
ALL SHELVING TO BE ADJUSTABLE

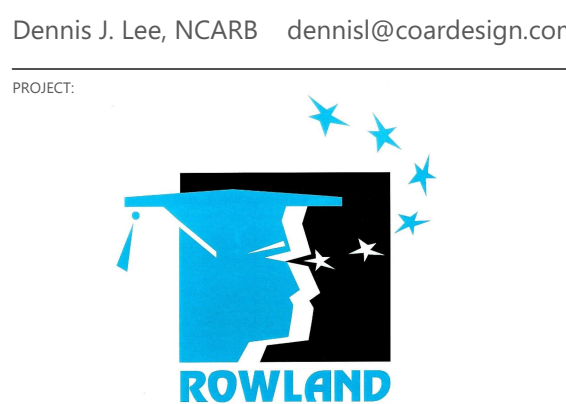
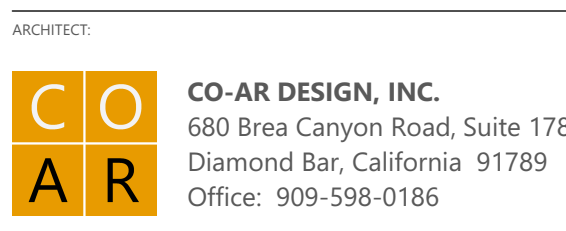
RELOCATABLE 'F' PARTIAL INT. ELEVATION
SCALE: 1/2" = 1'-0"
12



TYP. BASE CABINET
SCALE: 1" = 1'-0"
5



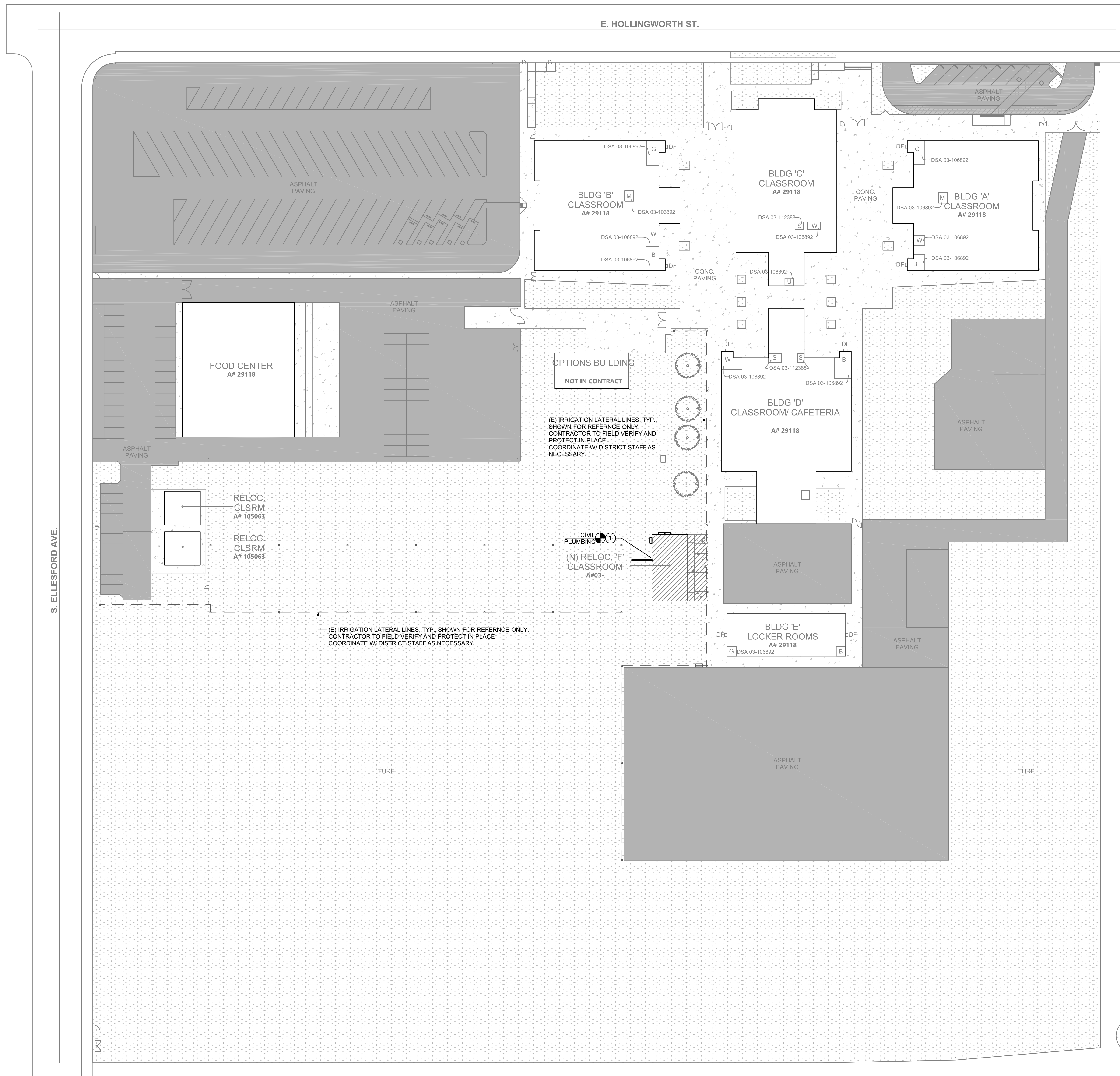
TYP. UPPER CABINET
SCALE: 1" = 1'-0"
4



RELOCATION OF 1 - PORTABLE CLASSROOM FROM SANTANA HIGH TO TELESIS ACADEMY
ADDRESS:
2800 E. HOLLINGWORTH ST.
WEST COVINA, CA. 91792
CLIENT:
ROWLAND UNIFIED SCHOOL DISTRICT
1830 NOGALES STREET
ROWLAND HEIGHTS, CA 91748

DATE: 11/6/2023
DRAWN BY: ED / FW
CHECKED BY: DL
SHEET TITLE: ARCHITECTURAL DETAILS

PROJECT NO: 201904
SCALE: AS SHOWN
DATE: 11/6/2023
DRAWN BY: ED / FW
CHECKED BY: DL
SHEET TITLE: ARCHITECTURAL DETAILS



REMODEL KEYNOTES:
 ① CONNECT 2" CW AND 4" W TO EXISTING SITE UTILITY. REFER TO CIVIL FOR COORDINATION.

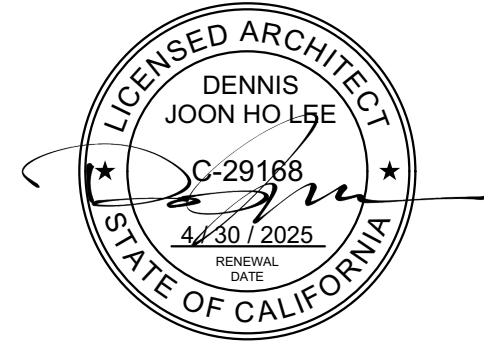
DSA APPROVAL STAMP

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 03-123646 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 12/07/2023

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NOTES:



ARCHITECT:
CO-AR DESIGN, INC.
 680 Brea Canyon Road, Suite 178
 Diamond Bar, California 91789
 Office: 909-598-0186
 Dennis J. Lee, NCARB dennisj@coar.design



RELOCATION OF 1 - PORTABLE CLASSROOM FROM SANTANA HIGH TO TELESIS ACADEMY

ADDRESS:
 2800 E. HOLLINGWORTH ST.
 WEST COVINA, CA. 91792

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

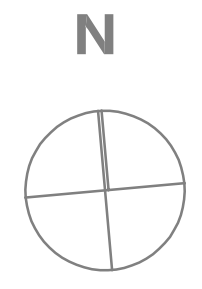
SUBMITTALS/REVISIONS	DATE
1 DSA PROGRESS	8/15/23
2 DSA SUBMITTAL	9/29/23

PROJECT NO: 201904
 SCALE: AS SHOWN
 DATE: 9/21/2023
 DRAWN BY: ED / FW
 CHECKED BY: DL

SITE PLAN

SHEET NO:

P-1.1



SITE PLAN
 SCALE: 1" = 40'-0" ①

B:\M\04-2023\04-2023-001\04-2023-001-001.dwg, Thursday, September 21, 2023, 11:15 AM

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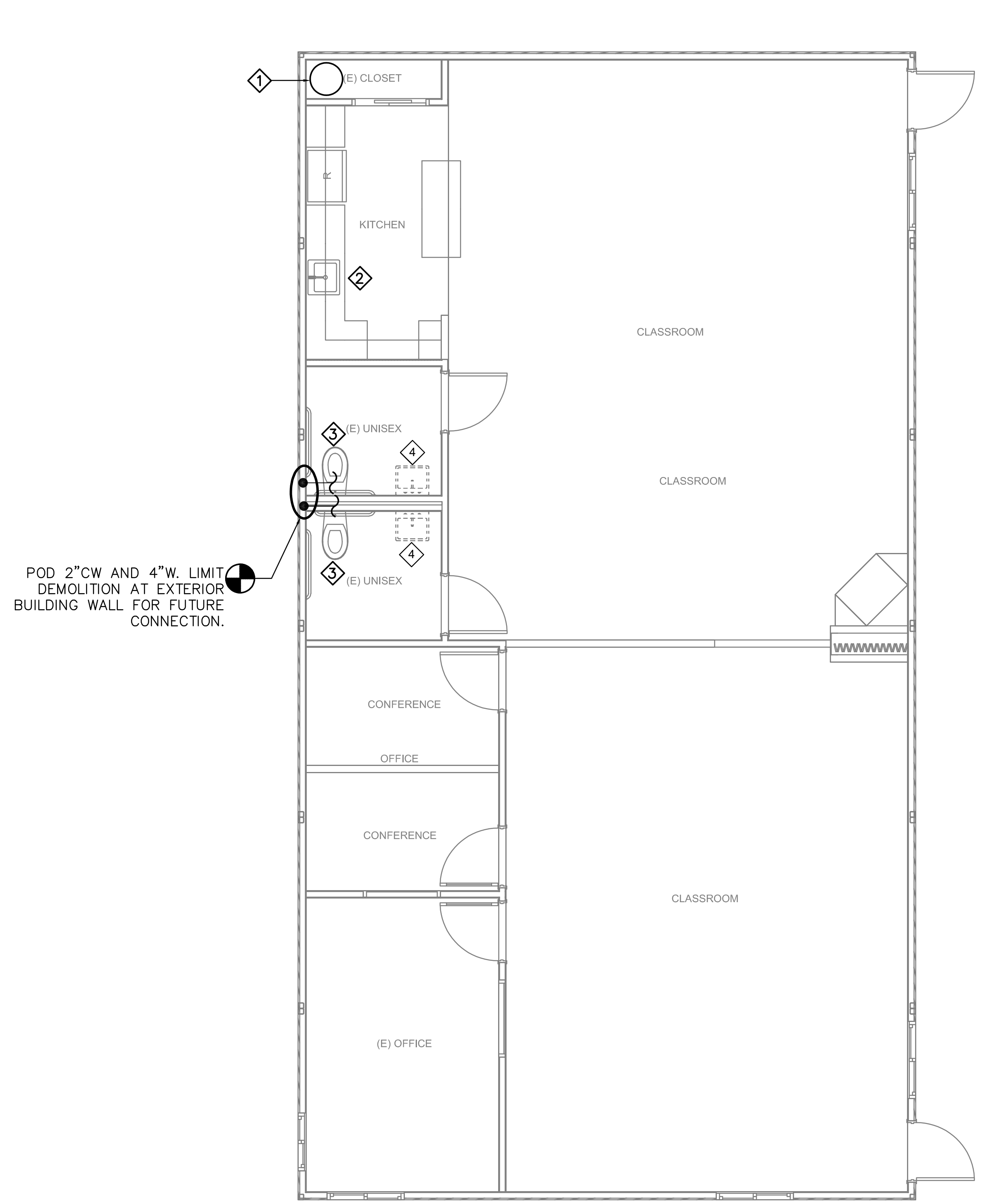
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 NOTES:

DEMOLITION KEYNOTES:

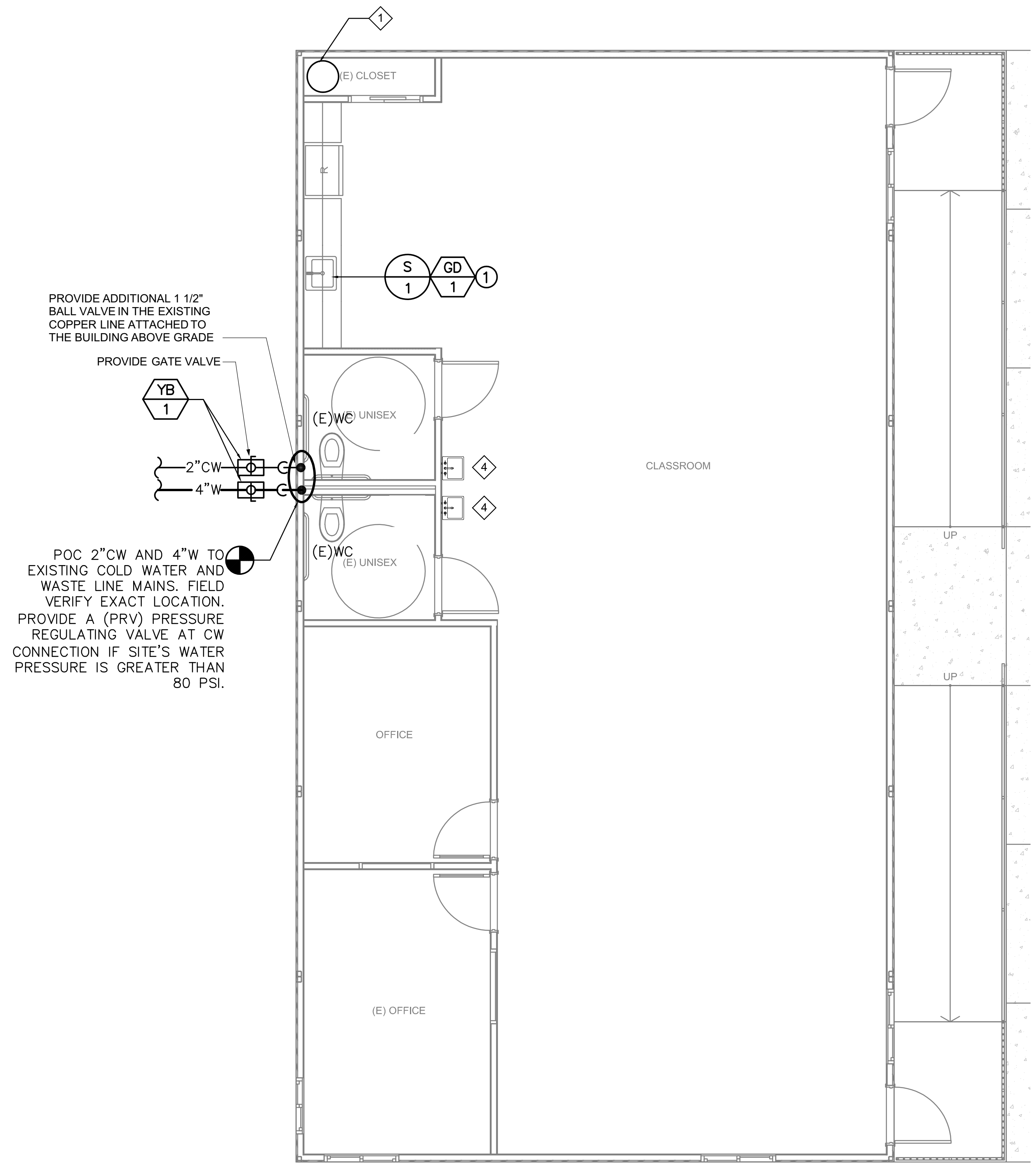
- ① (E) WATER HEATER, REPLACE W/ (N), LIKE FOR LIKE.
- ② REMOVE (E) SINK & FAUCET, CUT AND CAP (E) CW, HW, WASTE, AND VENT FOR FUTURE CONNECTION.
- ③ (E) PLUMBING FIXTURES AND ACCESSORIES TO REMAIN.
- ④ (E) LAVATORY TO BE RELOCATED.

REMODEL KEYNOTES:

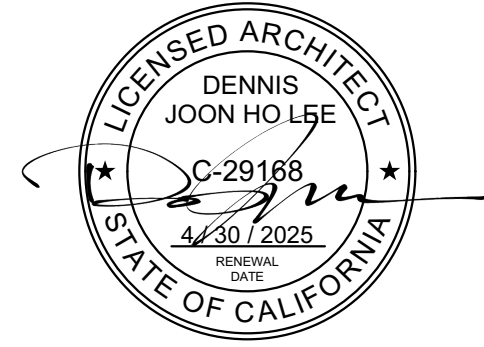
- ① CONNECT S-1 TO (E) CW, HW, WASTE, AND VENT LINE.



RELOCATABLE 'F' DEMOLITION PLAN
 SCALE: 1/4" = 1'-0" ②



RELOCATABLE 'F' REMODEL PLAN
 SCALE: 1/4" = 1'-0" ①



ARCHITECT:
CO-AR DESIGN, INC.
 680 Brea Canyon Road, Suite 178
 Diamond Bar, California 91789
 Office: 909-598-0186
 Dennis J. Lee, NCARB dennisl@coar-design.com



PROJECT:
RELOCATION OF 1 - PORTABLE CLASSROOM FROM SANTANA HIGH TO TELESIS ACADEMY
 ADDRESS:
 2800 E. HOLLINGWORTH ST.
 WEST COVINA, CA. 91792
 CLIENT:

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SUBMITTALS/REVISIONS:

1	DSA PROGRESS	8/15/23
2	DSA SUBMITTAL	9/29/23

PROJECT NO: 201904
 SCALE: AS SHOWN
 DATE: 9/21/2023
 DRAWN BY: ED / FW
 CHECKED BY: DL

SHEET TITLE:
RELOCATABLE 'F' DEMOLITION & REMODEL PLANS

SHEET NO:

B:\M\04-2023\04-2023-001\04-2023-001-001.dwg, Thursday, September 21, 2023, 1:15:15 AM

ELECTRICAL SYMBOLS

- ELECTRICAL PANEL
- ⊕ DUPLEX RECEPTACLE: 125V., 20 AMP., NEMA 5-20R. +18" U.N.O.
- ⊕ GROUND FAULT INTERRUPTER TYPE DUPLEX RECEPTACLE: 125V., 20 AMP. NEMA 5-20R. MOUNT IN A 2" DEEP BOX. +18" U.N.O. WEATHERPROOF ENCLOSURE W/ LOCKABLE COVER
- ⊕ CEILING MOUNTED LED LIGHT FIXTURE: UPPER LETTER INDICATES TYPE.
- ⊕ CEILING MOUNTED LED LIGHT FIXTURE: CONNECTED TO EMERGENCY BATTERY BACKUP.
- ▽ DATA OUTLET: 4" SQUARE BOX WITH 1 GANG RING AND COVER PLATE +18" A.F.F., U.N.O. STUB-UP 3/4" UP TO CEILING SPACE.
- ⊕ CEILING MOUNT LIGHTING OCCUPANCY SENSOR, LUTRON LOS
- ⊕ LIGHTING POWERPAK, LUTRON VIVE #RMJS-8T-DV-B
- ⊕ WIRELESS LIGHTING SWITCH, LUTRON PICO.
- ⊕ WIRELESS LIGHTING SWITCH W/ OCCUPANCY SENSING, LUTRON PICO.
- CONDUIT: EXPOSED IN UNFINISHED AREAS; CONCEALED ABOVE CEILING OR IN WALL IN FINISHED AREAS.
- - - - CONDUIT: IN OR BELOW FLOOR OR BELOW GRADE.
- · - · - · EXISTING CONDUIT WITH WIRES.
- A-1,3,5
←←← HOMERUN TO PANEL "A", CIRCUITS 1, 3, 5.
- A-1,2,3
←←← HOMERUN TO PANEL "A", CIRCUITS A-1, A-2, & A-3.
- 3/4"C, 2#12 THWN-CU & 1#12G. ——— 3/4"C, 3#12 THWN-CU & 1#12G.
- 3/4"C, 4#12 THWN-CU & 1#12G. ——— 3/4"C, 5#12 THWN-CU & 1#12G.
- 3/4"C, 6#12 THWN-CU & 1#12G. ——— 1/2" DC WITH LIGHTING DIMMING CABLE, 2#16
- LV — CONTROL CABLE, CAT-5E DATA CABLE WITH JACK, PLENUM TYPE.
- 1"C,3#6 OTHER CONDUIT AND WIRE SIZE AS NOTED ON DRAWINGS.
- S_{ab} MULTIPLE SINGLE POLE SWITCHES IN MUTIGANG BOX. NUMBER OF LOWER CASE LETTER INDICATE NUMBER OF SWITCHES.
- S SINGLE POLE SWITCH. S₂ TWO POLE SWITCH.
- S_M HORSE POWER RATED SWITCH. S_{Kab} KEYED SWITCH (2) SINGLE POLE.
- ⊕ FUSED DISCONNECT SWITCH H.P. RATED WITH CLASS "R" FUSE CLIPS.
- H.P. HORSEPOWER. C.O. CONDUIT ONLY WITH #12 PULL WIRE
- N.F. NON-FUSED. W.P. WEATHERPROOF.
- (E) EXISTING. (N) NEW.
- TC TIME CLOCK. (R) RELOCATE.
- (XR) DEMOLITION (RR) REMOVE & REINSTALL
- ① REFERENCE KEYED NOTE.

GENERAL NOTES

1. THE SPECIFICATIONS AND DRAWINGS ARE INTENDED TO COVER A COMPLETE INSTALLATION OF SYSTEMS. THE OMISSION OF EXPRESSED REFERENCE TO ANY ITEM OF LABOR OR MATERIAL FOR THE PROPER EXECUTION OF THE WORK IN ACCORDANCE WITH PRESENT PRACTICE OF THE TRADE SHALL NOT RELIEVE THE CONTRACTOR FROM PROVIDING SUCH ADDITIONAL LABOR AND MATERIALS.
2. WORK INCLUDES ALL LABOR, MATERIALS, APPLIANCES, TOOLS, EQUIPMENT, FACILITIES, TRANSPORTATION AND SERVICES NECESSARY FOR AND INCIDENTAL TO PERFORMING ALL OPERATIONS IN CONNECTION WITH FURNISHING, DELIVERY AND INSTALLATION OF ELECTRICAL SYSTEM, COMPLETE, AS SHOWN ON THE DRAWINGS AND/OR SPECIFIED HEREIN.
3. CONSTRUCT PROJECT IN ACCORDANCE WITH FOLLOWING CODES: REGULATIONS OF STATE AND LOCAL FIRE MARSHAL; NATIONAL ELECTRIC CODE, NATIONAL FIRE PROTECTION ASSOCIATION, EDITION IN FORCE; LOCAL CODES AND ORDINANCES; TITLE 19, 21 AND 24 CALIFORNIA ADMINISTRATIVE CODE.
4. PERMITS, FEES AND INSPECTIONS: OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND FEES REQUIRED BY ANY CONSTITUTED AUTHORITY HAVING JURISDICTION INCLUDING UTILITIES. ARRANGE AND PAY FOR ALL REQUIRED INSPECTIONS OR EXAMINATIONS AND DELIVER CERTIFICATES OF INSPECTION TO ARCHITECT.
5. RECORD DRAWINGS: ON COMPLETION OF WORK, OBTAIN ONE SET OF XEROX VELLUMS FROM ARCHITECT AT COST OF PRINTING, AND NOTE NEATLY IN SCALE ALL CHANGES ON RECORD SET. DELIVER COMPLETE SET OF VELLUMS TOGETHER WITH ONE SET OF BLUELINE PRINTS TO ARCHITECT TOGETHER WITH CONTRACTOR'S NAME, ADDRESS AND PHONE NUMBER. INCORRECT, NON-LEGIBLE OR NON-REPRODUCIBLE DRAWINGS WILL NOT BE ACCEPTED.
6. SUBMIT A LIST OF MATERIALS AND EQUIPMENT MANUFACTURERS THAT CONTRACTOR INTENDS TO USE. SUBMIT SHOP DRAWINGS FOR: SWITCHBOARDS, PANELBOARDS, LIGHT FIXTURES, TRANSFORMERS AND DISCONNECT SWITCHES.
7. THE TERM "PROVIDE" USED ON DRAWINGS SHALL BE CONSIDERED TO MEAN "FURNISH AND INSTALL".
8. BEFORE PROCEEDING WITH WORK CAREFULLY CHECK AND VERIFY ALL DIMENSIONS AND SIZES AND ASSUME ALL RESPONSIBILITY FOR FITTING OF MATERIALS AND EQUIPMENT TO OTHER PARTS OF EQUIPMENT AND TO STRUCTURE. WHERE APPARATUS AND EQUIPMENT HAVE BEEN INDICATED ON DRAWINGS, DIMENSIONS HAVE BEEN TAKEN FROM TYPICAL EQUIPMENT OF CLASS INDICATED. CAREFULLY CHECK DRAWINGS AND SEE THAT EQUIPMENT WILL FIT INTO SPACES PROVIDED.
9. LOCATIONS OF CONDUITS, OUTLETS, APPARATUS AND EQUIPMENT INDICATED ON DRAWINGS ARE APPROXIMATE ONLY AND SHALL BE CHANGED TO MEET ARCHITECTURAL AND STRUCTURAL CONDITIONS AS REQUIRED.
10. BE CAUTIONED THAT DIAGRAMS SHOWING ELECTRICAL CONNECTIONS ARE DIAGRAMMATIC ONLY AND MUST NOT BE USED FOR OBTAINING LINEAL RUNS OF WIRING OR CONDUIT. WIRING DIAGRAMS DO NOT NECESSARILY SHOW EXACT PHYSICAL ARRANGEMENT OF EQUIPMENT.
11. EXTRA WORK OR COSTS TO THIS CONTRACTOR DUE TO OTHER CONTRACTORS OR TRADES SHALL BE ADJUSTED BETWEEN THIS CONTRACTOR AND OFFENDING CONTRACTOR AT NO EXTRA COST TO OWNER. NOTIFY ARCHITECT BEFORE SUCH EXTRA WORK IS DONE.
12. WHERE EQUIPMENT IS MOUNTED ON VIBRATION ISOLATORS, USE FLEXIBLE CONNECTIONS TO REDUCE TRANSMISSION OF NOISE.
13. WHERE CONDUITS PASS THROUGH SLEEVES IN INTERIOR WALLS, FLOORS, OR CEILINGS, COMPLETELY FILL SPACE BETWEEN EACH CONDUIT AND ITS SLEEVE TO PROVIDE AN AIRTIGHT SEAL.
14. USE GLASS FIBER MATERIAL, "DUXSEAL" COMPOUND, FOR ACOUSTIC SEALS.
15. PROVIDE RECESSED OUTLET BOXES IN FINISHED AREAS; SECURE BOXES TO INTERIOR WALL AND PARTITION STUDS. ACCURATELY POSITION TO ALLOW FOR SURFACE FINISH THICKNESS. USE STAMPED STEEL STUD BRIDGES FOR FLUSH OUTLETS IN HOLLOW STUD WALL, AND ADJUSTABLE STEEL CHANNEL FASTENERS FOR FLUSH CEILING OUTLET BOXES. INSTALL PLASTER RINGS TO INTERFACE WITH EQUIPMENT TO BE MOUNTED THEREON.
16. ALIGN WALL-MOUNTED OUTLET BOXES FOR SWITCHES, THERMOSTATS, AND SIMILAR DEVICES.
17. PROVIDE CAST OUTLET BOXES IN EXTERIOR LOCATIONS AND WET LOCATIONS.
18. WHERE BOXES ARE INSTALLED IN FIRE RATED CEILING OR WALLS, BE RESPONSIBLE FOR PRESERVING INTEGRITY OF FIRE RATING AS REQUIRED.
19. IN FIRE-RATED WALL, USE 4" SQUARE DEEP BOXES. DO NOT AGGREGATE MORE THAN 100 SQUARE INCHES OF BOXES FOR ANY 100 SQUARE FEET OF WALL OR PARTITIONS. SEPARATE OUTLET BOXES ON OPPOSITE SIDES OF WALLS OR PARTITION BY A MINIMUM HORIZONTAL DISTANCE OF 24 INCHES.

GENERAL NOTES CONT.

20. PROVIDE COPPER CONDUCTORS ONLY.
21. PROVIDE TYPE "THHN" OR "THWN" WIRES ONLY.
22. MOUNT RECEPTACLES, TELEPHONES AND J-BOXES LOCATED IN WALL AT +18" FROM FLOOR LINE TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED ON PLAN.
23. MOUNT LIGHT SWITCHES, T-STATS, ETC. AT +48" UNLESS OTHERWISE NOTED.
24. PROVIDE "U.L. APPROVED" OR "U.L. LISTED" ELECTRICAL EQUIPMENT ONLY.
25. USE TYPE "THHN" WIRE FOR ALL LIGHT FIXTURES MOUNTED END-TO-END. USE OF STEEL ARMORED METAL-CLAD (MC) CABLES SHALL BE PERMITTED FOR DISTRIBUTION OF BRANCH CIRCUITS WHERE ROUTED IN CONCEALED LOCATIONS AND INSTALLED WITH HANGERS AND SUPPORTS SPECIFICALLY APPROVED FOR MC CABLE SYSTEMS. MC CABLE SHALL BE INDEPENDENTLY SUPPORTED AND SHALL NOT RELY ON CEILING OR WALL FRAMING FOR SUPPORT. MC CABLE SHALL NOT BE USED IN EXPOSED LOCATIONS. MC CABLE IS NOT PERMITTED FOR CIRCUIT HOMERUNS.
26. PROVIDE APPROVED PADLOCKING DEVICE FOR EACH AND EVERY CIRCUIT BREAKER IN EVERY PANELBOARD. (THESE ARE IN ADDITION TO ANY HANDLE LOCKOFFS INDICATED ON PANEL SCHEDULES.)
27. FURNISH, INSTALL AND CONNECT ALL LAMPS.
28. PROVIDE WHEREVER NECESSARY ALL ADDITIONAL BACKING, BLOCKING AND SUPPORTS FOR LIGHT FIXTURES.
29. ALL CONDUCTORS THAT ARE #10 AWG AND SMALLER SHALL BE SOLID, AND ABIDE BY THE ELECTRICAL CRITERIA OF THE CALIFORNIA TRAIL COURT FACILITIES STANDARDS (CTCFs).
30. DATA FEED TO RELOCATABLE CLASSROOM SHALL BE EQUIPPED WITH AQUA SHIELD CABLE.

SCOPE OF WORK

RELOCATION OF EXISTING PORTABLE. CONNECT EXISTING PORTABLE PANEL TO EXISTING MAIN SERVICE SWITCHBOARD VIA 75KVA TRANSFORMER.

APPLICABLE CODE: 2022 CBC

EQUIPMENT ANCHORAGE NOTES

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA-APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 16, & 30:

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS, OR WATER.
3. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING FLEXIBLE CABLE.
4. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

- A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL, AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

APPLICABLE CODE: 2022 CBC

PIPING, DUCTWORK, AND ELECT. DISTRIBUTION SYSTEM BRACING NOTE:

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8; AND 2022 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., HCAI OPM FOR 2013 CBC OR LATER) COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP)
ELECTRICAL DISTRIBUTION SYSTEMS (E):

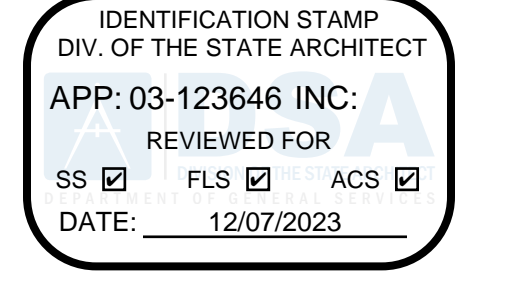
MP MD OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS
PP E

MP MD OPTION 2: SHALL COMPLY WITH HCAI PREAPPROVAL (OPM#)
PP E # _____

LIGHTING FIXTURE SCHEDULE

ABBREVIATIONS:				NOTES:							
CLG = CEILING	REC = RECESS	CHN = CHAIN HUNG	PEN = PENDANT	SPC = SPECIAL	WALL = WALL	STD = STANDARD	LED = LIGHT EMITTING DIODE	1. VERIFY EXACT CEILING TYPE AND PROVIDE PROPER FIXTURES WITH ALL NECESSARY MOUNTING ACCESSORIES.			
TYPE	MTG.	CLASS	MANUFACTURER AND CATALOG NUMBER	FINISH	LAMP TYPE	TOTAL WATTS	VOLT	DESCRIPTION	REMARKS		
F1	REC	LED	ALEO: #LTR-24-LE-36-8-40-ECO-HD	STD	LED	36	UNV	2X4 LED TROFFER RETROFIT	RETROFIT (E) FIXTURES		
F1-EM	REC	LED	ALEO: #LTR-24-LE-36-8-40-ECO-HD-EM1400	STD	LED	36	UNV	2X4 LED TROFFER RETROFIT EQUIP W/ 90 MINUTE MIN. BATTERY BACKUP	RETROFIT (E) FIXTURES		
F2	WALL	LED	E-CONOLIGHT: #C-WP-E-TR-S9L-SCCT-UL-DB	STD	LED	58	UNV	TRADITIONAL STYLE LED WALL PACK.	VERIFY MTG. HEIGHT WITH ARCH.		
(E)	WALL	LED	EXISTING	STD	LED	32	UNV	EXISTING PORCH LIGHT.			

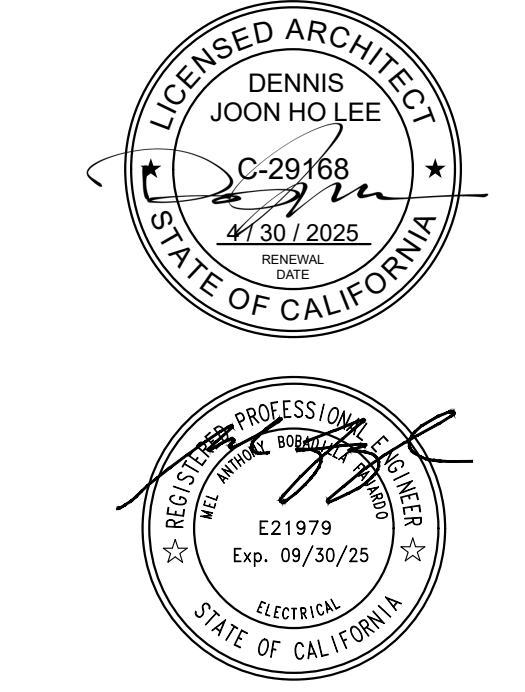
DSA APPROVAL STAMP



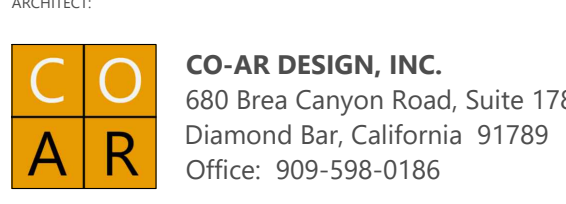
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PACIFIC ENGINEERS GROUP
Consulting MEP Engineers
1106 W. Magnolia Blvd., Suite A
Burbank, CA 91506
(818) 859-7081 Y23-268
info@pacificeng.net



ARCHITECT: DENNIS J. LEE, NCARB dennisl@coar-design.com



RELOCATION OF 1 - PORTABLE CLASSROOM FROM SANTANA HIGH TO TELESIS ACADEMY

ADDRESS: 2800 E. HOLLINGWORTH ST. WEST COVINA, CA 91792

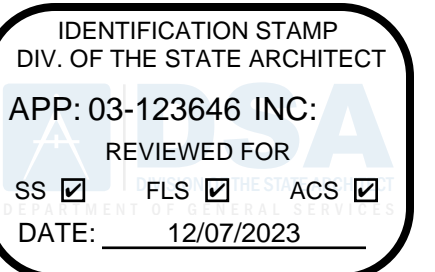
CLIENT: ROWLAND UNIFIED SCHOOL DISTRICT
1830 NOGALES STREET
ROWLAND HEIGHTS, CA 91748

SUBMITTED: REVISIONS:
1 DSA PROGRESS 8/15/23

PROJECT NO: 201904
SCALE: AS SHOWN
DATE: 8/7/2023
DRAWN BY: ED /FW
CHECKED BY: DL

ELECTRICAL SYMBOL LIST & GENERAL NOTES

B:\Microsoft Office\COMB-COMF-23 - BIM\AEC\Basic for Arch\Arch\2023\2023-09-04-01-ED-Telesis-Relocating 2023 Monday, August 7, 2023 2:33 PM



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NOTES:

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CERTIFICATE OF COMPLIANCE NRCC-LTO-E
Project Name: Telesis Academy
Report Page: (Page 3 of 8)
Date Prepared: 2023-09-27 15:00:32-04:00

A. GENERAL INFORMATION

01 Project Location (City)	West Covina	04 Total Illuminated Hardscape Area (ft ²)	1085
02 Climate Zone	D	03 Outdoor Lighting Zone per Title 24 Part 1.10.114 or as designated by Authority Having Jurisdiction (AHJ): <input type="checkbox"/> Z-0: Very Low - Undeveloped Parkland <input type="checkbox"/> Z-2: Moderate - Urban Clusters <input type="checkbox"/> Z-4: High - Must be reviewed by CA Energy Commission for Approval	
<input type="checkbox"/> Z-1: Low - Rural Areas		<input checked="" type="checkbox"/> Z-3: Moderately High - Urban Areas	
05 Occupancy Types within Project <input checked="" type="checkbox"/> Classroom			

B. PROJECT SCOPE
This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(e)(6) or 141.0(b)(2) / 180.2(b)(4)(v) for alterations.

My Project Consists of:

01	02	
<input type="checkbox"/> New Lighting System	Must Comply with Allowances from 140.7 / 170.2(e)(6)	
<input checked="" type="checkbox"/> Altered Lighting System	Is your alteration increasing the connected lighting load (Watts)? <input checked="" type="radio"/> Yes <input type="radio"/> No	
03	04	05
% of Existing Luminaires Being Altered ¹	Sum Total of Luminaires Being Added or Altered	Calculation Method
<input type="checkbox"/> < 10% <input type="checkbox"/> >= 10% and < 50% <input type="checkbox"/> >= 50%		

Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.
¹ FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.

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C. COMPLIANCE RESULTS
Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(e)(6) or 141.0(b)(2) / 180.2(b)(4)(v)						Compliance Results		
01	02	03	04	05	06	07	08	09
General Hardscape Allowance 140.7(d)(1) / 170.2(e)(6) (See Table I)	Per Application 140.7(d)(2) / 170.2(e)(6) (See Table J)	Sales Frontage 140.7(d)(2) / 170.2(e)(6) (See Table K)	Ornamental 140.7(d)(2) / 170.2(e)(6) (See Table L)	Per Specific Area 140.7(d)(2) / 170.2(e)(6) (See Table M)	Existing Power Allowance 141.0(b)(2) / 180.2(b)(4)(v) (See Table N)	Total Allowed (Watts)	Total Actual (Watts)	07 must be >= 08
47.59	---	---	---	184.45	---			
Shielding Compliance (See Table G for Details)						N/A		
Controls Compliance (See Table H for Details)						COMPLIES		

D. EXCEPTIONAL CONDITIONS
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

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F. OUTDOOR LIGHTING FIXTURE SCHEDULE
For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(e)(6) all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per 141.0(b)(2), only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (i.e. existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.

Designated Wattage:

01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Watts per luminaire ^{1,2}	How is Wattage determined	Total Number Luminaires ²	Luminaire Status ³	Excluded per 140.7(a) / 170.2(e)(6)	Design Watts	Cutoff Req. > 6,200 initial lumen output 130.2(b) / 160.5(c) ⁴	Field Inspector
F2	EXTERIOR WALLPACK <input type="checkbox"/> Linear	58	Mfr. Spec	4	New	<input type="checkbox"/>	232	NA < 6200 lumens	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Total Design Watts:							232		

¹ NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
² Luminaire is lighting a status: EXCEPTION 2 as 130.2(b)
³ FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b)
⁴ For linear luminaires, wattage should be indicated as W/ft instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.
⁵ Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.
⁶ Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by 130.2(b) / 160.5(c)

G. SHIELDING REQUIREMENTS (BUG)
This section does not apply to this project.

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H. OUTDOOR LIGHTING CONTROLS
This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.
Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit.
Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings

01	02	03	04	05
Area Description	Shut-Off 130.2(c) / 160.5(c)	Auto-Schedule 130.2(c) / 160.5(c)	Motion Sensor 130.2(c) / 160.5(c)	Field Inspector
EXTERIOR: "F2"	Astronomical Timer	Provided	Provided	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

¹ FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.
² Authority having jurisdiction may ask for cut sheets or other documentation to confirm compliance of light sources.
³ Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are exempted from ii and iii.

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I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))
This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardscape Allowance is per Table 140.7-A/ Table 170.2-B while "Use it or lose it" allowances are per Table 140.7-B/ Table 170.2-S. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance.
Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.

01	
General Hardscape Allowance Table I (below)	"Use it or lose it" Allowance (select all that apply) (select all that apply) <input type="checkbox"/> Per Application Table J <input type="checkbox"/> Sales Frontage Table K <input type="checkbox"/> Ornamental Table L <input checked="" type="checkbox"/> Per Specific Area Table M

Calculated General Hardscape Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel

02	03	04	05	06	07	08	09
Area Description	Area Wattage Allowance (AWA) Illuminated Area (ft ²)	Allowed Density (W/ft ²)	Area Allowance (Watts)	Perimeter Length (lf)	Allowed Density (W/lf)	Linear Allowance (Watts)	Total General AWA + LWA (Watts)
EXTERIOR	1085	0.021	22.79	124	0.2	24.8	47.59
Initial Wattage Allowance for Entire Site (Watts):							
Instances of Initial Wattage Allowance (LZ 0 only)¹							
Total General Hardscape Allowance (Watts):							47.59

J. LIGHTING ALLOWANCE: PER APPLICATION
This section does not apply to this project.

K. LIGHTING ALLOWANCE: SALES FRONTAGE
This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL
This section does not apply to this project.

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M. LIGHTING ALLOWANCE: PER SPECIFIC AREA
This table includes areas using the wattage allowance per specific area from Table 140.7-B / Table 170.2-S. More than one specific area allowance may be taken in a single project, if applicable. However, multiple specific area allowances may not be taken for the exact same area on the site.

01	02	03	04	05	06	07	08	09	10	
Area Description	Specific Area Type per Table 140.7-B	CALCULATED ALLOWANCE (Watts)	Allowed Density (W/ft ²)	Extra Allowance (Watts)	Luminaire Name or Item Tag	Watts per Luminaire	# of Luminaires	Design Watts	Additional Allowance (Watts)	
EXTERIOR OF BUILDING	Building/facade	1085	0.17	184.45	F2	58	4	232	184.45	
Total Design Watts for this Area:							232			
Total Allowance (Watts) All Areas:							184.45			

¹ FOOTNOTES: See Table 140.7-B / Table 170.2-S for rules for calculating the specific areas (ft²) for these additional lighting allowances.
² For luminaires indicated in Table F as linear, wattage in column 07 is W/ft instead of Watts/luminaire. Total linear feet should be indicated in column 08 instead of number of luminaires.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)
This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online.

Form/Title

NRCC-LTO-E - Must be submitted for all buildings

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P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/title24/attcp/providers.html>

Form/Title	Systems/Spaces To Be Field Verified
NRCC-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.	EXTERIOR: "F2"

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Outdoor Lighting
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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Pacific Engineering	Documentation Author Signature:
Company: Pacific Engineering Group	Signature Date: 06-28-2023
Address: 1108 W MAGNOLIA BLVD City/State/Zip: BURBANK, CA 91506	SEA/HERS Certification Identification (if applicable): Phone: 818-842-7285

RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1.1 and Part 1.2 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building inspector at occupancy.

Responsible Designer Name: MEL ANTHONY FAJARDO	Responsible Designer Signature:
Company: PACIFIC ENGINEERS GROUP	Date Signed: 06-28-2023
Address: 1108 W MAGNOLIA BLVD City/State/Zip: BURBANK, CA 91506	License: E21979 Phone: 818-842-7285

Generated Date/Time: Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Report Version: 2022.0.000 Compliance ID: 145205-0923-0002
Schema Version: rev 20220101 Report Generated: 2023-09-27 12:00:35

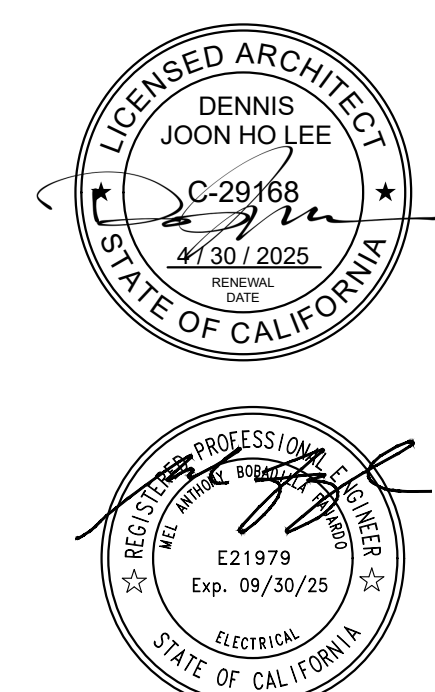
STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

Q. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online.

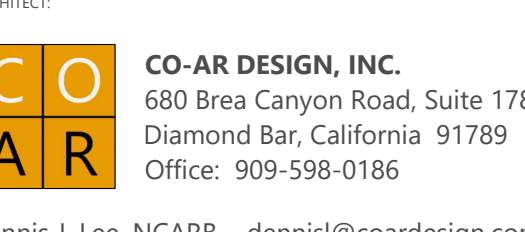
Form/Title

NRCC-LTO-E - Must be submitted for all buildings

Generated Date/Time: Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Report Version: 2022.0.000 Compliance ID: 145205-0923-0002
Schema Version: rev 20220101 Report Generated: 2023-09-27 12:00:35



PACIFIC ENGINEERS GROUP
Consulting MEPF Engineers
1106 W. Magnolia Blvd., Suite A
Burbank, CA 91506
(818) 859-7081 Y23-268
info@pacificeng.net



RELOCATION OF 1 - PORTABLE CLASSROOM FROM SANTANA HIGH TO TELESIS ACADEMY

ADDRESS:
2800 E. HOLLINGWORTH ST.
WEST COVINA, CA 91792

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

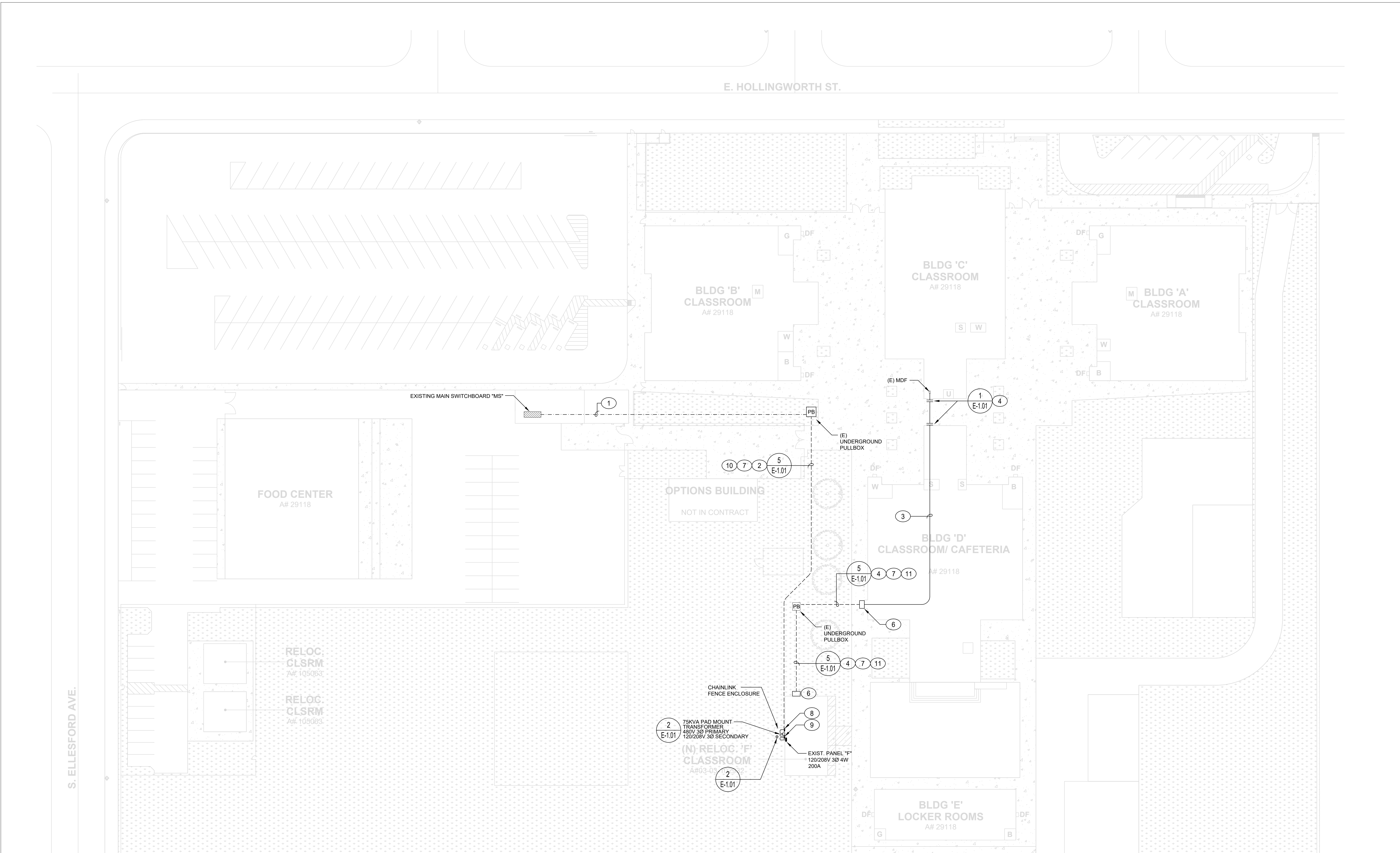
SUBMITTAL: REVISIONS:
1 DSA PROGRESS 8/15/23

PROJECT NO: 201904
SCALE: AS SHOWN
DATE: 8/7/2023
DRAWN BY: ED /FW
CHECKED BY: DL
SHEET TITLE:
TITLE 24 OUTDOOR

B:\MS\soft\COMB-COMF-23 - BIM\soft\Basic for Arch\cal 25\03\2023\0304\APPD-Telesis-Relocating 2023 - Monday, August 7, 2023 7:33 PM

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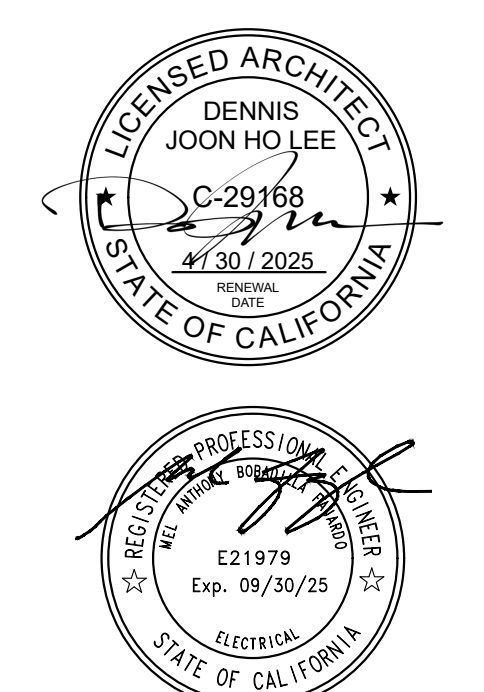
1 ELECTRICAL SITE PLAN
 E-2.0 SCALE: 1" = 30'-0"
 NORTH

GENERAL NOTES

1. CONDUIT RUNS ARE DIAGRAMMATIC.

KEYED NOTES

- ① PULL (N) 4#1, 1#6 GRD. IN (E) 2" C. FOR POWER.
- ② 2" C. (PVC) 4#1, 1#6 GRD.
- ③ RUN 1 1/2" C. (6) MULTIMODE OM4 50/125 TO NEW RELO IDF THROUGH CEILING SPACE.
- ④ RUN UNDERGROUND 1 1/2" C. (6) MULTIMODE OM4 50/125 TO NEW RELO IDF
- ⑤ PROVIDE OZ GEDNEY SEISMIC BRACING FOR CONDUITS BETWEEN BUILDINGS. SEE DETAIL 1/E-1.01
- ⑥ 16"X16"X4" PULLBOX IN NEMA 3R ENCLOSURE. MOUNT HIGH ON WALL.
- ⑦ TRENCH, COMPACT, BACKFILL AND RE-SURFACE TO MATCH EXISTING CONDITION
- ⑧ 200AS 125AF, 3P 600V RATED FUSED DISCONNECT IN NEMA 3R ENCLOSURE. PRIMARY SIDE OF TRANSFORMER.
- ⑨ 200AS 200AF, 3P 250V RATED FUSED DISCONNECT IN NEMA 3R ENCLOSURE. SECONDARY SIDE OF TRANSFORMER.
- ⑩ 2" C.O. (PVC) (SPARE) WITH PULL STRING AT EACH END.
- ⑪ (2) 1 1/2" C.O. (PVC) (SPARE) WITH PULL STRING AT EACH END.



PACIFIC ENGINEERS GROUP
 Consulting MEP Engineers
 1106 W. Magnolia Blvd., Suite A
 Burbank, CA 91506
 (818) 859-7081 Y23-268
 info@pacificeng.net

ARCHITECT:
CO-AR CO-AR DESIGN, INC.
 680 Brea Canyon Road, Suite 178
 Diamond Bar, California 91789
 Office: 909-598-0186



RELOCATION OF 1 - PORTABLE CLASSROOM FROM SANTANA HIGH TO TELESIS ACADEMY

ADDRESS:
 2800 E. HOLLINGWORTH ST.
 WEST COVINA, CA 91792

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

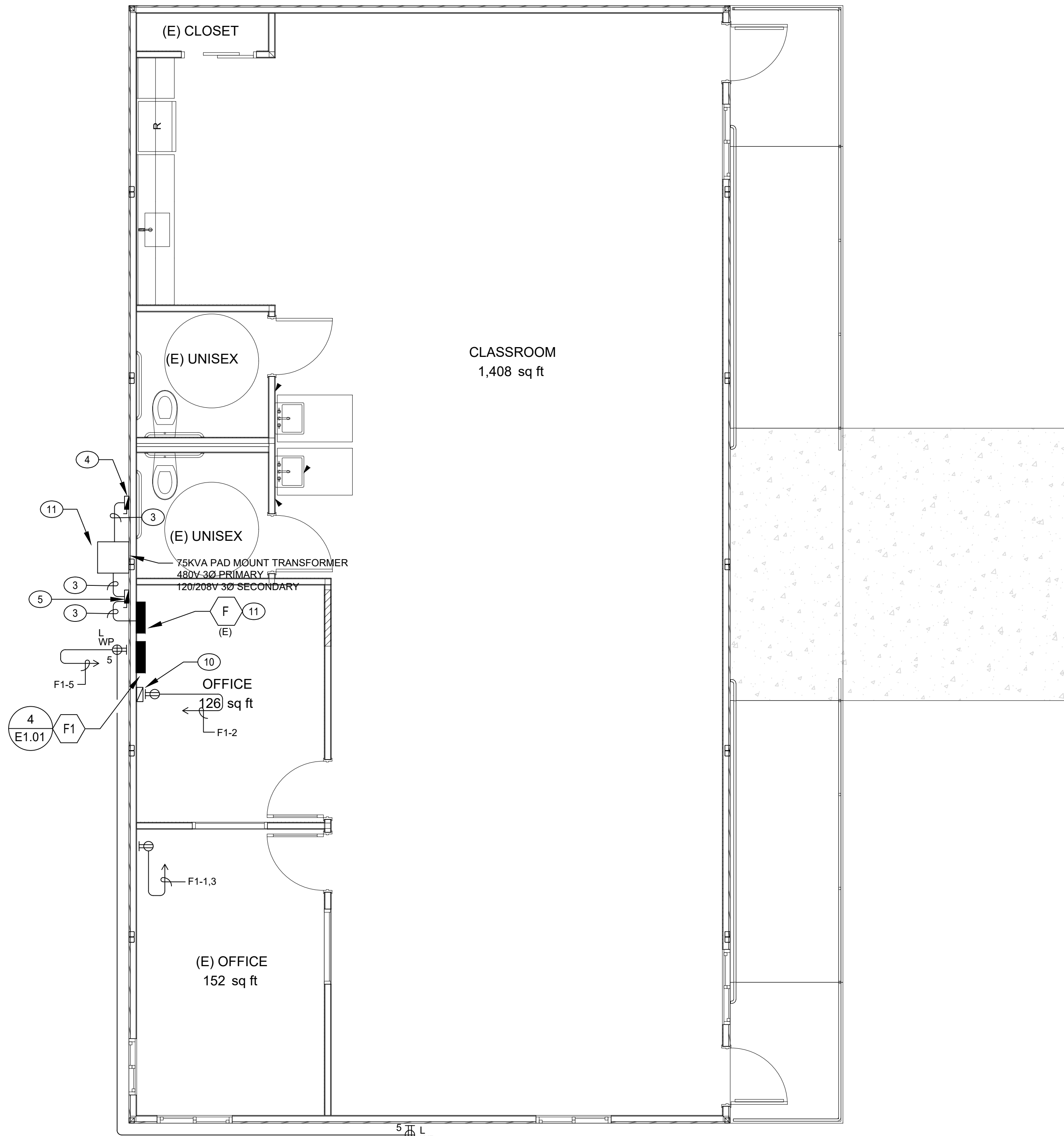
SUBMITTALS/REVISIONS:
 1 DSA PROGRESS 8/15/23

PROJECT NO: 201904
 SCALE: AS SHOWN
 DATE: 8/7/2023
 DRAWN BY: ED / FW
 CHECKED BY: DL

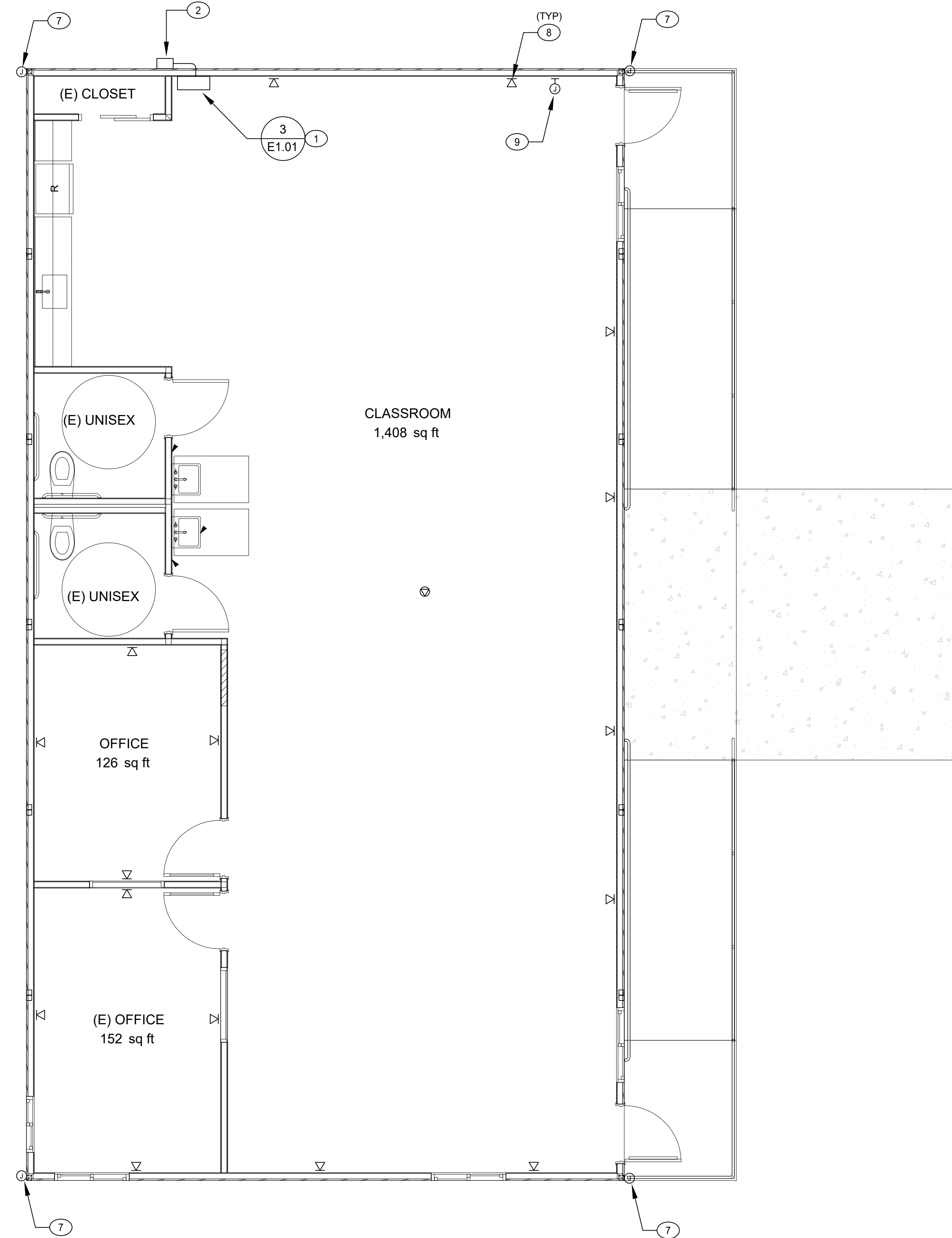
ELECTRICAL SITE PLAN

SHEET NO:
E-2.0

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1 RELO POWER & SYSTEMS PLAN
 E-3.0 SCALE: 1/4" = 1'-0" 0 4 8 FT. NORTH



2 RELO LIGHTING PLAN
 E-3.0 SCALE: 1/4" = 1'-0" 0 4 8 FT. NORTH

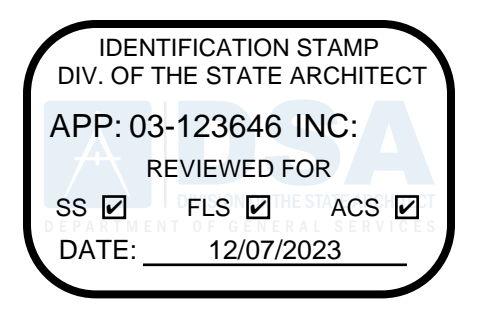
KEYED NOTES

- 1 PROVIDE NEW IDF TO CONNECT BACK TO MDF IN BUILDING C. TRIPP-LITE: #SRWF6U36 SMARTTRACK 6U LOW PROFILE VERTICAL-MOUNT SERVER-DEPTH WALL-MOUNT RACK ENCLOSURE CABINET.
- 2 16"x16"x4" PULLBOX IN NEMA 3R ENCLOSURE. MOUNT HIGH ON WALL.
- 3 2" C. #1, 1#6 GRD.
- 4 200AS 125AF, 3P 600V RATED FUSED DISCONNECT IN NEMA 3R ENCLOSURE. PRIMARY SIDE OF TRANSFORMER.
- 5 200AS 200AF, 3P 250V RATED FUSED DISCONNECT IN NEMA 3R ENCLOSURE. SECONDARY SIDE OF TRANSFORMER.
- 6 EXISTING RECEPTACLE TO REMAIN. EXTEND CONDUIT/WIRES TO NEW DEVICES AS INDICATED.
- 7 JBOX FOR FUTURE CAMERA. RUN 3/4"C.O. TO IDF.
- 8 DUPLEX DATA RECEPTACLE. CONNECT TO IDF IN CLASSROOM.
- 9 JBOX FOR FUTURE PA. RUN 3/4"C.O. TO IDF.
- 10 POWER FOR ASTRONOMICAL 365-DAY TIME CLOCK.
- 11 PROVIDE 1#2 CU GRD. TO NEW GROUND ROD.

GENERAL NOTES

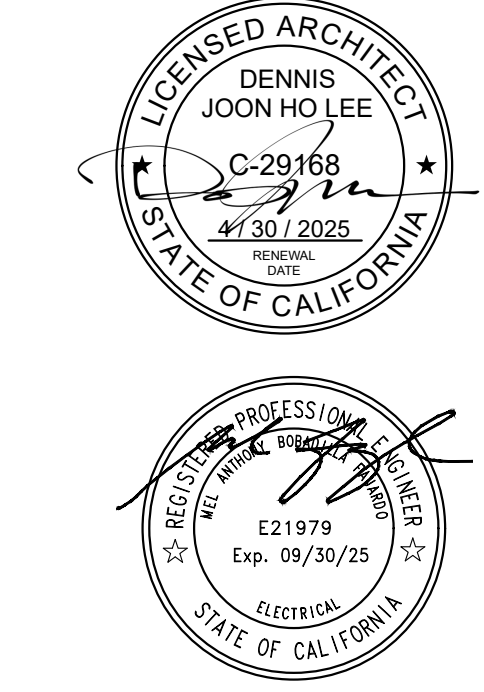
1. PA SYSTEM/CALL SWITCHES SHALL BE BOGEN NYQUIST COMPATIBLE.

DSA APPROVAL STAMP



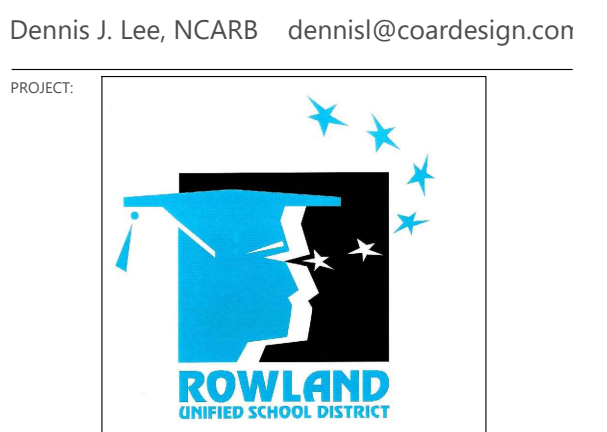
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 Burbank, CA 91506
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CUSTOMER:
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 1830 NOGALES STREET
 ROWLAND HEIGHTS, CA 91748

SUBMITTALS/REVISIONS:

1	DSA PROGRESS	8/15/23
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PROJECT NO: 201904
 SCALE: AS SHOWN
 DATE: 8/7/2023
 DRAWN BY: ED /FW
 CHECKED BY: DL

RELO ELECTRICAL PLAN

SHEET NO: **E-3.0**

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FIRE ALARM SYMBOL LIST

- FATC FIRE ALARM TERMINAL CABINET WITH TERMINAL STRIPS, 14"x24"x6" DEEP
- MFACP MAIN FIRE ALARM CONTROL PANEL.
- FA FIRE ALARM
- FCPS FIRE ALARM POWER SUPPLY.
- MFATC MAIN FIRE ALARM TERMINAL CABINET WITH TERMINAL STRIPS 24"x24"x6"DEEP.
- FIRE ALARM WALL MOUNTED SPEAKER WITH STROBE LIGHT, CANDELA RATING AS INDICATED, +96" TO TOP OF STROBE LIGHT, "A" DENOTES AUDIBLE FIRE ALARM SIGNAL CIRCUIT AND "V" DENOTE VISUAL FIRE ALARM SIGNAL CIRCUIT. "(15)" DENOTES CANDELA RATING. 1/2 WATT SPEAKER TAP, U.O.N.
- CEILING MOUNTED SPEAKER/STROBE, CANDELA RATING AS INDICATED. 1/2 WATT SPEAKER TAP, U.O.N.
- FIRE ALARM MANUAL PULL STATION, PROVIDE MONITOR MODULE TO EACH DEVICE, +48". "S1-1" DENOTES LOOP MODULE (SLC #1) IDENTIFICATION NUMBER.
- EXTERIOR W.P. FIRE ALARM SPEAKER. "A1-1" DENOTES AUDIBLE FA SIGNAL CIRCUIT NUMBER.
- FIRE ALARM STROBE, MOUNT AT +96" TO TOP OF STROBE, CANDELA RATING AS INDICATED. "V2-1" DENOTES FIRE ALARM SIGNAL CIRCUIT NUMBER. "15cd" DENOTES 15cd CANDELA RATING.
- CEILING MOUNTED STROBE. CANDELA RATING AS INDICATED.
- ADDRESSABLE SMOKE DETECTOR, PHOTOELECTRIC TYPE. "S1-1" DENOTES LOOP DETECTOR IDENTIFICATION NUMBER.
- ADDRESSABLE CARBON MONOXIDE/SMOKE DETECTOR W/ SOUNDER BASE. "S1-1" DENOTES LOOP DETECTOR IDENTIFICATION NUMBER.
- ADDRESSABLE HEAT DETECTOR MOUNTED IN CEILING. "S1-1" DENOTES LOOP DETECTOR IDENTIFICATION NUMBER.
- ADDRESSABLE HEAT DETECTOR SURFACE MOUNTED IN CEILING WITH ACCESS PANEL. "S1-1" DENOTES LOOP DETECTOR IDENTIFICATION NUMBER.
- MONITOR MODULE. "S1-1" DENOTES LOOP DETECTOR IDENTIFICATION NUMBER.
- CONTROL RELAY MODULE. "S1-1" DENOTES LOOP DETECTOR IDENTIFICATION NUMBER.
- FLOW SWITCH. "S1-1" DENOTES LOOP DETECTOR IDENTIFICATION NUMBER.
- TAMPER SWITCH. "S1-1" DENOTES LOOP DETECTOR IDENTIFICATION NUMBER.

FIRE ALARM CABLE AND WIRING

- "F" CABLE - "WEST PENN" NO. D980, 1 PAIR #18 NON-SHIELDED - FIRE ALARM ADDRESSABLE LOOP.
- "FW" CABLE - "WEST PENN" NO. AQC225, 1 PAIR #16 NON-SHIELDED - FIRE ALARM ADDRESSABLE LOOP (UNDERGROUND).
- "A" CABLE - 2#14 TWISTED PAIR, AUDIO CABLE.
- "AW" CABLE - 2#14 TWISTED PAIR, AUDIO CABLE WET LOCATION (AUDIO).
- "V" CABLE - 2#12 AWG-FIRE ALARM VISUAL CIRCUIT CABLE.
- "S" CABLE - 2#14 TWISTED PAIR AUDIO SYNC CABLE, WET LOCATION.
- "Z" CABLE - 2#14 TWISTED PAIR VISUAL SYNC CABLE, WET LOCATION.
- "B" CABLE - 2#14 TWISTED PAIR, SOUNDER BASE.
- F,A,V— } 3/4"C, WITH ONE "F" CABLE, ONE "N" CABLE AND ONE "V" CABLE.
- F— } 3/4" CONDUIT WITH ONE "F" CABLE.
- B— } 3/4" CONDUIT WITH ONE "B" CABLE.
- 2F— } 3/4" CONDUIT WITH TWO "F" CABLES.
- V— } 3/4" CONDUIT WITH ONE "V" CABLE.
- 2V— } 3/4" CONDUIT WITH TWO "V" CABLES.
- A— } 3/4" CONDUIT WITH ONE "A" CABLE.
- 2A— } 3/4" CONDUIT WITH TWO "A" CABLES.
- AW— } 3/4" CONDUIT WITH ONE "AW" CABLE.
- 2AW— } 3/4" CONDUIT WITH TWO "AW" CABLES.
- 2F,2A,2V— } 1-1/2" CONDUIT WITH TWO "F", TWO "A", TWO "V" CABLES.
- 2A,2V— } 1" CONDUIT WITH TWO "A", TWO "V" CABLES.
- F,A,2V— } 1" CONDUIT WITH ONE "F", ONE "A", TWO "V" CABLES.

FIRE ALARM SCOPE OF WORK:

- 1) PROVIDE VOICE EVACUATION DEVICES FOR NEW ROLCATABLE BUILDING "F".
- 2) EXISTING FIRE ALARM CONTROL PANEL NOTIFIER NFS2-640 TO REMAIN. REMOVE AND REPLACE ELECTRONIC DEVICES FOR A COMPLETE VOICE EVACUATION OPERATING SYSTEM. RECONNECT ALL EXISTING DEVICES TO REMAIN AND REPROGRAM.

FIRE ALARM NOTES

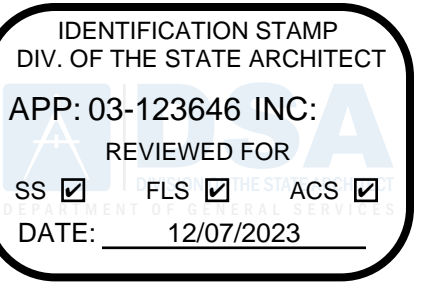
- 1) THE FIRE ALARM SYSTEM SHALL CONFORM TO ARTICLE 760 OF THE CALIFORNIA ELECTRICAL CODE, CURRENT CALIFORNIA TITLE 24 REQUIREMENTS, CALIFORNIA FIRE CODE, NFPA 72 AND 101 STANDARDS (BASED ON CBC 2016), AMERICAN WITH DISABILITY ACT (ADA) REQUIREMENTS, & CALIFORNIA STATE FIRE MARSHALL REQUIREMENTS.
- 2) ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE(S), OR ANY RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF JCC ARCHITECT/ENGINEER OF RECORD PRIOR TO COMMENCING ANY WORK.
- 3) SPECIFIC COMPONENTS ON CATALOG CUT SHEETS MUST BE HIGHLIGHTED, OR IDENTIFIED.
- 4) PANELS MUST NOT BE MOUNTED HIGHER THAN 6 FEET AND SYSTEM STATUS DISPLAYS ARE TO BE AT EYE LEVEL (+60" AFF), NO EQUIPMENT OR RACEWAY MAY BE LOCATED UNDER A CABINET CONTAINING BATTERIES.
- 5) CONTRACTOR SHALL INSTALL AND FURNISHED A COMPLETE ADDRESSABLE FIRE ALARM SYSTEM, INCLUDING BUT NOT LIMITED TO WIRING, CONDUITS AND DEVICES REQUIRED FOR SATISFACTORY OPERATION OF SYSTEM.
- 6) PRIOR TO RELEASING THE FIRE ALARM INSTALLATION, CONTRACTOR SHALL PERFORM AN OWNERS TEST AND GENERATE DOCUMENTATION OF THAT TEST. THE OAR SHALL PROVIDE A SET OF FIRE ALARM SYSTEM RED-LINE DRAWINGS (AS FINALIZED BY CONTRACTOR AND ACCEPTED BY IOR AND AE) AND A COPY OF CONSTRUCTION DRAWINGS ON COMPACT DISC AT THE TIME OF THE TEST.
- 7) CONSULT WITH THE OWNER'S REPRESENTATIVE BEFORE STARTING WORK.
- 8) ALL EXPOSED CONDUITS AND BOXES SHALL BE PAINTED TO MATCH THE SURFACES WHERE INSTALLED.
- 9) ALL EXISTING MATERIALS REMOVED FROM BUILDINGS SHALL BE REMOVED FROM SITE AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
- 10) WHERE EXISTING STRUCTURAL WALLS ARE CORED FOR NEW CONDUIT RUNS, SEPARATION BETWEEN CORED HOLES SHALL BE THREE INCHES FROM NEW OR EXISTING HOLES, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
- 11) THE REPRESENTATION OF PHYSICAL PLACEMENT OF EXISTING CONDUITS HAS BEEN DEVELOPED FROM THE BEST INFORMATION AVAILABLE AT THE TIME THE DRAWINGS WERE PREPARED. OWNER'S REPRESENTATIVE PROVIDES THIS ONLY AS A GENERAL GUIDELINE FOR THE CONVENIENCE OF BIDDERS/CONTRACTORS AND DOES NOT GUARANTEE OR WARRANT IN ANY WAY EXPRESSLY OR IMPLIEDLY, THE ACCURACY OF THESE REPRESENTATIONS. NOTHING IN THIS DISCLAIMER AFFECTS IN ANY WAY THE DUTY OF THE CONTRACTOR TO FURNISH ACCURATE "AS BUILT" DRAWINGS AFTER THE COMPLETION OF THE CONTRACT.
- 12) IN EXISTING BUILDINGS, CONTRACTORS SHALL NOT WORK IN AREAS CONTAMINATED BY MATERIALS MADE OF ASBESTOS UNTIL THE ASBESTOS MATERIALS HAVE BEEN REMOVED OR ENCAPSULATED.
- 13) REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND EQUIPMENT AND MATERIAL APPROVED FOR USE UNDER THIS CONTRACT.
- 14) EXISTING FIRE ALARM SYSTEM MUST REMAIN IN OPERATION UNTIL NEW SYSTEM IS COMPLETE, APPROVED AND OPERATIONAL.
- 15) QUANTITY OF WIRES SHOWN IN ALL CONDUITS IS FOR GENERAL GUIDELINE. SUPPLIER OF AUXILIARY SYSTEM (FA, TEL, SECURITY) SHALL PREPARE CONSTRUCTION DRAWINGS SHOWING ALL NECESSARY WIRES AND CABLES AND VERIFY SIZES OF ALL CONDUITS SHOWN. PROVIDE ALL SPARE WIRES BETWEEN DRAWINGS DO NOT SHOW ALL THE NECESSARY J-BOXES AND PULL BOXES WHICH WILL BE REQUIRED THROUGHOUT.
- 16) IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL THESE BOXES AS NECESSARY TO TERMINATE CONDUITS AND RACEWAYS. PAINT BOXES TO MATCH COLOR OF THE FINISHED SURFACE THAT THE BOXES ARE ATTACHED BUILDINGS.
- 17) ALL JUNCTION BOXES AND DEVICES INDICATED ON BUILDING EXTERIORS SHALL BE WEATHERPROOF TYPE.
- 18) FIRE ALARM WIRES SHALL BE COPPER TYPE THWN/THHN.
- 19) COORDINATION:
A. THE GENERAL CONTRACTOR SHALL COORDINATE LAYOUT DIMENSIONS INDICATED ON ELECTRICAL. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER BEFORE BID TIME, OR BEFORE PROCEEDING WITH THE WORK.
B. IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE CONSTRUCTION DOCUMENTS, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS SIMILAR CONDITIONS THAT ARE SHOWN.
C. THE CONTRACTOR SHALL VERIFY ALL ELECTRICAL, COMMUNICATION AND SECURITY REQUIREMENTS BEFORE CONSTRUCTION BEGINS.
- 20) ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED ON THE SITE BY GENERAL CONTRACTOR, AND EACH SUB-CONTRACTOR BEFORE THE WORK BEGINS. ERRORS, OMISSIONS AND DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION BEFORE CONSTRUCTION BEGINS.
- 21) THE ENGINEER HAS PREPARED THESE DOCUMENTS ONLY FOR IMPROVEMENTS SPECIFIED, DETAILED OR SHOWN AS NEW WORK, AND ASSUMES NO RESPONSIBILITY FOR OTHER CONSTRUCTION, MATERIAL OR EQUIPMENT NOTED AS "EXISTING" OR AS "PROVIDED BY OTHERS".
- 22) JUNCTION BOXES SHALL NOT CONTAIN SPLICES. CONDUCTORS SHALL BE PULLED THROUGH. TERMINATIONS SHALL BE PERFORMED.

FIRE ALARM NOTES

- 23) LABEL DESCRIPTIONS* INDICATING DEVICE TYPE AND LOCATION THAT ARE DISPLAYED ON THE FIRE ALARM LCD DISPLAY SHOULD BE CLEAR AND EASILY UNDERSTOOD BY THE OFFICE STAFF. DESCRIPTIONS SHOULD BE BASED ON THE STAFFS UNDERSTANDING OF THE SITE AND NOT ON INFORMATION TAKEN FROM PRINTS.
- 24) IF USE OF WIREMOLD IS DESIRED, CONTRACTOR SHALL OBTAIN A LETTER FROM ARCHITECT AUTHORIZING USE OF WIREMOLD PRIOR TO INSTALLATION.
- 25) DRAWINGS ARE BASED ON AVAILABLE AS-BUILT PLANS AND FIELD OBSERVATIONS. NOTIFY THE AUTHORIZED OWNER REPRESENTATIVE (AOR) IMMEDIATELY WHEREVER (E) CONDITIONS ENCOUNTERED DEVIATE FROM THESE DRAWINGS AND EXISTING EQUIPMENT MUST BE RELOCATED DUE TO NEW CONSTRUCTION EFFORTS.
- 26) PROVIDE REQUIRED 2"x2" OPENINGS FOR ALL CEILING IDENTIFIED AS HARD, PLASTER & TILE CEILINGS, TO ACCOMMODATE CONDUIT INSTALLATION TO HEAT DETECTOR IN ATTIC SPACE PATCH AND REPAIR TO MATCH EXISTING CEILING.
- 27) AIR MOVING SYSTEMS SUPPLYING AIR IN EXCESS OF 2000CFM TO ENCLOSED SPACES WITHIN BUILDINGS SHALL BE EQUIPPED WITH AN AUTOMATIC SHUT-OFF. AUTOMATIC SHUT-OFF SHALL BE ACCOMPLISHED BY INTERRUPTING THE POWER SOURCE OF THE AIR-MOVING EQUIPMENT UNTO DETECTION OF SMOKE IN THE MAIN SUPPLY AIR DUCT SERVED BY SUCH EQUIPMENT. 2016 CALIFORNIA MECHANICAL CODE 608.00 TITLE 24 PART 4, AREA DETECTORS MAY BE USED FOR HVAC SHUT-DOWN IF THEY FULFILL ALL REQUIREMENTS SET FORTH BY THE 2016 CMC.
- 28) SMOKE DETECTORS SHALL BE USED AS THE PRIMARY METHOD OF AUTOMATIC FIRE ALARM SYSTEM INITIATION EXCEPT IN AREAS WHERE THE ENVIRONMENT OR AMBIENT CONDITIONS EXCEED SMOKE DETECTION GUIDELINES.
- 29) HEAT DETECTORS SHALL BE USE IN AREAS WHERE THE ENVIRONMENT OR AMBIENT CONDITIONS EXCEED SMOKE DETECTORS INSTALLATION GUIDELINES. IN ATTIC CEILING AREAS CONTAINING SPRINKLERS, HEAT DETECTORS WILL NOT BE REQUIRED. HEAT DETECTORS WHERE INSTALLED ABOVE SUSPENDED CEILINGS MUST HAVE THEIR LOCATIONS BE CLEARLY MARKED BELOW THE CEILING AND BE EASILY ACCESSIBLE. LABEL LETTERING SHALL BE 3/4" HIGH, RED ON WHITE BACKGROUND AND BOLD ENOUGH TO BE EASILY SEEN BY PERSONNEL FROM THE FLOOR.
- 30) INITIATING DEVICES SHALL BE INSTALLED IN ALL AREAS WHERE REQUIRED AND SHALL BE ACCESSIBLE FOR PERIODIC MAINTENANCE AND TESTING.
- 31) PROVIDE GROUND BUSHING ON NEW AND EXISTING PULLBOXES.
- 32) IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN CONTINUITY OF THE EXISTING FIRE ALARM SYSTEM, CENTRAL STATION REPORTING SYSTEM, SMOKE MANAGEMENT SYSTEM, AND ANY OTHER LIFE SAFETY EQUIPMENT EXISTING AT THE SITE AND AFFECTED BY HIS WORK ON THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE WATCH OR OTHER MITIGATING MEASURES FOR SYSTEMS THAT ARE MADE INACTIVE OR OTHERWISE COMPROMISED AS A RESULT OF THE WORK PERFORMED BY THAT CONTRACTOR.
- 33) IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY THE TYPE OF CEILING CONSTRUCTION AND TO PROVIDE THE PROPER TYPE OF BOX MOUNTING AND SUPPORT FOR FIRE ALARM INITIATION DEVICES.
- 34) ANY DAMAGE CAUSED BY DEMOLITION OPERATIONS TO ADJACENT FACILITIES SHALL BE PROMPTLY REPAIRED AT NO ADDITIONAL COST TO THE OWNER. ALL ITEMS MOVED OR TEMPORARILY DISASSEMBLED SHALL BE REPLACED OR REASSEMBLED TO AT LEAST THE CONDITION IN LIKE QUALITY PRIOR TO REMOVAL OR DISASSEMBLY.
- 35) CONTRACTOR SHALL NOT DISMANTLE OR REMOVE EXISTING FIRE ALARM SYSTEM DEVICES UNTIL THE NEW FIRE ALARM SYSTEM IS COMPLETELY OPERATIONAL AND THE UNUSED EXISTING SYSTEM DEVICES MUST BE REMOVED TO COMPLETE THE PROJECT. ALL ABANDONED CIRCUITS AND WIRING SHOULD BE REMOVED COMPLETELY RATHER THAN LABELED, THIS WILL ELIMINATE ANY CONFUSION WHEN TROUBLESHOOTING AT A LATER DATE.
- 36) GENERAL CONTRACTOR TO HIRE HVAC CONTRACTOR TO MODIFY/INTERFACE HVAC EQUIPMENT TO THE NEW FIRE ALARM.
- 37) THE COLOR CODE FOR WIRE INSULATION IN THE LOW VOLTAGE SPECIFICATIONS SHOULD BE FOLLOWED.
- 38) THE FIRE ALARM SYSTEM SHALL CONTAIN ALL PRINTED CIRCUIT BOARDS, PROGRAMMING, MODULES, CABLES, HARDWARE OR OTHER EQUIPMENT TO SUPPORT THE OPERATION OF A SYSTEM PRINTER. IF A SYSTEM PRINTER IS NOT INDICATED TO BE PART OF THE FIRE ALARM PROJECT THEN THE PRINTER PORT MAY BE PROGRAMMED AS ENABLED BUT NOT SUPERVISED.
- 39) ALL FIRE STROBES WHERE THREE OR MORE OR FLASHES FROM THREE OR MORE ARE VISIBLE FROM ANY ONE POINT MUST BE SYNCHRONIZED. WIRING AND HARDWARE CONFIGURATION FOR FIRE STROBES IN A COMMON SPACE MUST BE PERFORMED CAREFULLY SINCE FEEDING STROBES FROM DIFFERENT CIRCUITS OF DIFFERENT REMOTE POWER SUPPLIES OR SYNCHRONIZATION MODULES MAY CAUSE A CONDITION WHERE WITHIN THE SAME SPACE SYNCHRONIZATION TIMING. THE TRIGGER CIRCUIT FOR AUDIBLE SIGNALS SHOULD BE FROM FACP TO INSURE SYNCHRONIZATION. ALL AUDIBLE SIGNALS MUST BE SYNCHRONIZED WITHIN THE SAME NOTIFICATION ZONE.
- 40) SEAL ALL SPACE AROUND CONDUIT PENETRATION THROUGH FIRE RATED WALL WITH A UL LISTED FIRE BARRIER COMPOUND "3M" CAULKING OR EQUAL.

SYMBOLS	COMPONENT	NOTIFIER	CSFM NO.
[Symbol]	EXISTING FACP - #03-106892	NFS-640	-
[Symbol]	FACP	NFS2-640 DVC	7165-0028-0224
[Symbol]	UNIVERSAL DIGITAL ALARM COMMUNICATOR TRANSMITTER	UDACT-2	7165-0028:0224
[Symbol]	REMOTE AMPLIFIER AMP-F	DAA 50/70	7165-0028:0224
[Symbol]	REMOTE POWER SUPPLY - FCPS-F	PSE-6	7315-0028:0513
[Symbol]	REMOTE MICROPHONE	DVC-RPU	7165-0028:0224
[Symbol]	CARBON MONOXIDE/SMOKE DETECTOR WITH B200S-WH SOUNDER BASE	FCP-951(A)	7272-0028:0510
[Symbol]	EXTERIOR SPEAKER	SYSTEM SENSOR-SPRK WITH MWBB BACKBOX	7320-1653:0201
[Symbol]	HEAT DETECTOR W/ B300-6 BASE	FST-951	7270-0028:0502
[Symbol]	STROBE, WALL MOUNT	SYSTEM SENSOR SRL	7125-1653:0504
[Symbol]	SPEAKER-STROBE, WALL MOUNT	SYSTEM SENSOR SPSRL	7320-1653:0505
[Symbol]	CONTROL RELAY MODULE	FRM-1(A)	7300-0028:0219
[Symbol]	MONITOR RELAY MODULE	FMM-1	7300-0028:0219
[Symbol]	TAMPER SWITCH	SYSTEM SENSOR OSY2	7770-1653:0118
[Symbol]	FLOW SWITCH	SYSTEM SENSOR WFDN	7770-1653:0231

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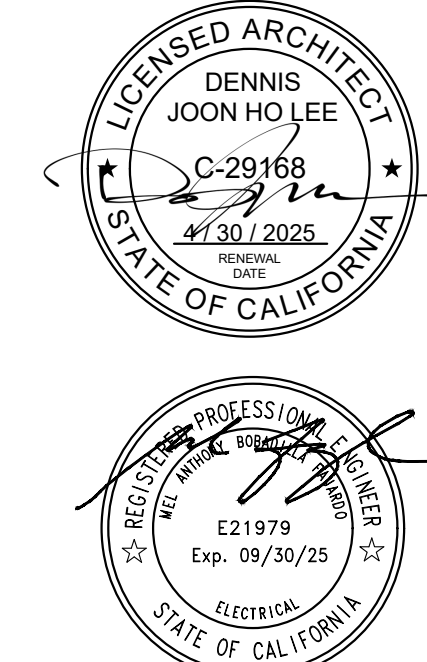


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APP: 03-123646 INC.
REVIEWED FOR: [Signature]
DATE: 12/07/2023

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PACIFIC ENGINEERS GROUP
Consulting MEPF Engineers
1106 W. Magnolia Blvd., Suite A
Burbank, CA 91506
(818) 859-7081 Y23-268
info@pacificeng.net

ARCHITECT:
CO-AR DESIGN, INC.
680 Brea Canyon Road, Suite 178
Diamond Bar, California 91789
Office: 909-598-0186

Dennis J. Lee, NCARB dennisl@coar design.com



RELOCATION OF 1 - PORTABLE CLASSROOM FROM SANTANA HIGH TO TELESIS ACADEMY

ADDRESS:
2800 E. HOLLINGWORTH ST.
WEST COVINA, CA 91792

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

SUBMITTALS/REVISIONS:
1 DSA PROGRESS 8/15/23

PROJECT NO: 201904
SCALE: AS SHOWN
DATE: 8/7/2023
DRAWN BY: ED /FW
CHECKED BY: DL

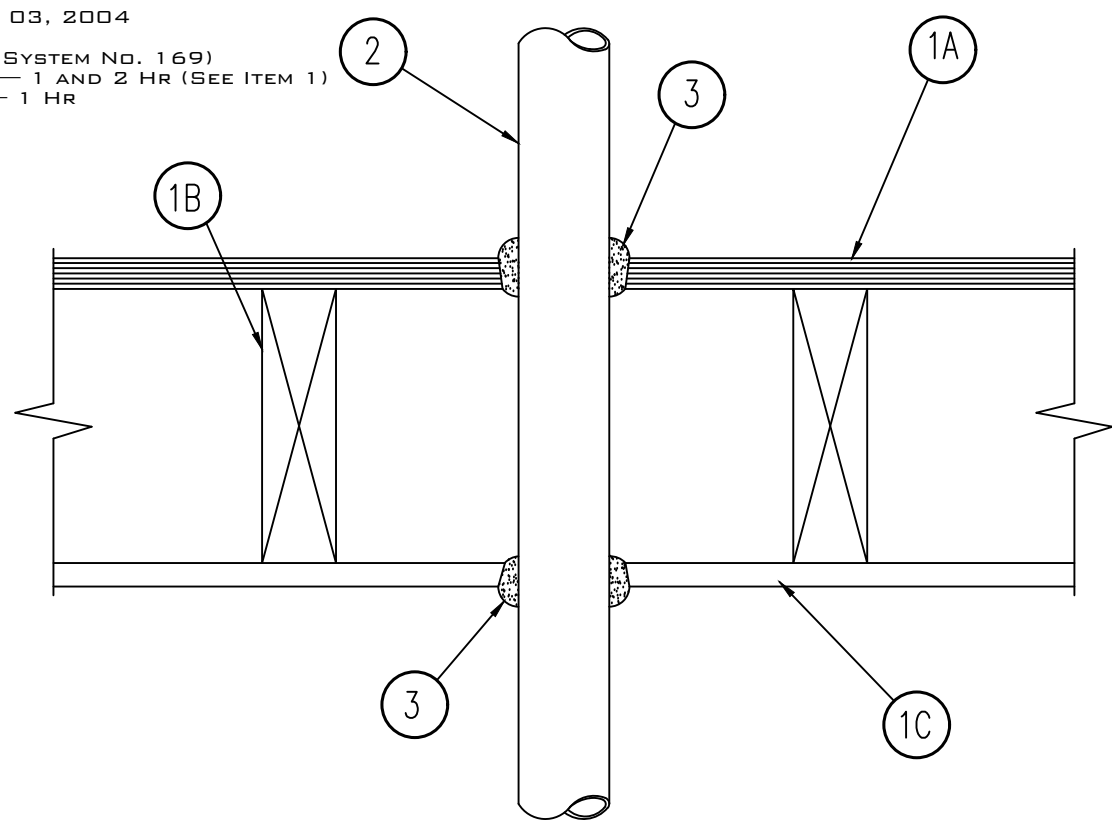
FIRE ALARM SYMBOL LIST & GENERAL NOTES

SHEET NO:

FA-1.0

BIMbaas® CAD/BIM CODE 23 - BIMbaas® Basic for AutoCAD 20/21/2024-2023-Released: Wednesday, August 7, 2023 2:33 PM

SYSTEM NO. F-0-1002
 SEPTEMBER 03, 2004
 (FORMERLY SYSTEM NO. 169)
 F RATING - 1 AND 2 HR (SEE ITEM 1)
 T RATING - 1 HR



1. Floor-Ceiling Assembly -- The 1 or 2 hr fire-rated wood joist floor-ceiling assembly shall be constructed of the materials and in the manner specified in the UL Fire Resistance Directory. The 1 hr fire rated assembly shall be constructed as specified in Design No. L501, L512 or L537. The 2 hr fire rated assembly shall be constructed as specified in Design No. L505, L511 or L536. The F Rating of the firestop system is equal to the fire rating of the floor-ceiling assembly. The general construction details of the floor-ceiling assembly are summarized below:

A. Flooring System -- Lumber or plywood subfloor with finish floor of lumber, plywood or Floor Topping Mixture as specified in the individual Floor-Ceiling Design. Max diam of opening is 1 in. larger than outside diam of penetrant.

B. Wood Joists -- Nom 2 by 10 in. lumber joists spaced 16 in. O.C. with nom 1 by 3 in. lumber bridging and with ends firestopped.

C. Furring Channels -- (Not Shown) -- Resilient galv steel furring channels installed perpendicular to wood joists between first and second layers of wallboard (Item 1D) in 2 hr fire rated assembly. Furring channels spaced max 24 in. O.C.

D. Gypsum Board* -- Nom 4 ft wide by 5/8 in. thick as specified in the individual Floor-Ceiling Design. First layer of wallboard nailed to wood joists. Second layer of wallboard (2 hr fire rated assembly only) screw-attached to furring channels. Max diam of opening is 1 in. larger than outside diam of penetrant.

1.1 Chase Wall -- (Optional, not shown) -- The through penetrants (Item No. 2) may be routed through a fire-rated single, double or staggered wood stud/gypsum wallboard chase wall having a fire rating consistent with that of the floor-ceiling assembly. The chase wall shall be constructed of the materials and in the manner specified in the UL U300 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. Studs -- Nom 2 by 6 in. or double nom 2 by 4 in. lumber studs.

B. Sole Plate -- Nom 2 by 6 in. or parallel 2 by 4 in. lumber plates, tightly butted.

C. Top Plate -- The double top plate shall consist of two nom 2 by 6 in. or two sets of parallel 2 by 4 in. lumber plates, tightly butted. Max diam of opening is 5 in.

D. Gypsum Board* -- Thickness, type, number of layers and fasteners shall be as specified in individual Wall and Partition Design.

2. Through Penetrants -- One metallic pipe, conduit or tubing to be installed either concentrically or eccentrically within the firestop system. The annular space between pipe, conduit or tubing and periphery of opening shall be min 0 in. (point contact) to max 1 in. Pipe, conduit or tubing to be rigidly supported on both sides of floor assembly. The following types and sized of metallic pipe, conduit or tubing may be used:

A. Steel Pipe -- Nom 10 in. diam (or smaller) Schedule 40 (or heavier) steel pipe.

B. Iron Pipe -- Nom 10 in. diam (or smaller) cast or ductile iron pipe.

C. Conduit -- Nom 6 in. diam (or smaller) steel conduit, or nom 4 in. (or smaller) steel electrical metallic tubing.

D. Copper Tubing -- Nom 4 in. diam (or smaller) Type L (or heavier) copper tubing.

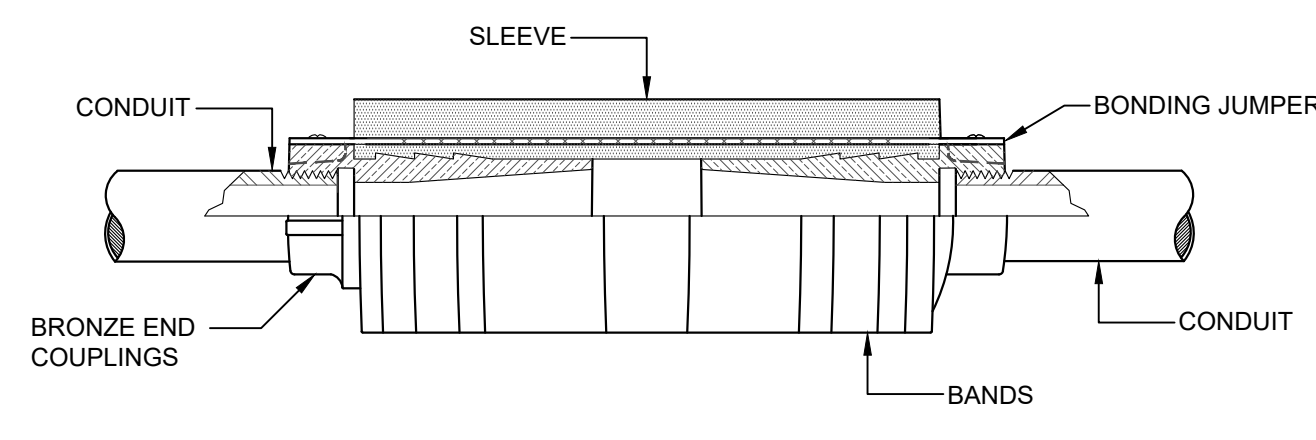
E. Copper Pipe -- Nom 4 in. diam (or smaller) Regular (or heavier) copper pipe.

3. Fill, Void or Cavity Material* -- Caulk or Sealant -- Min 3/4 in. thickness of fill material applied within the annulus, flush with top surface of floor or sole plate. Min 5/8 in. or 1-1/4 in. thickness of fill material, for 1 and 2 hr rated assemblies, respectively, applied within the annulus, flush with bottom surface of ceiling or top plate. An additional min 1/4 in. crown of fill material applied to perimeter of penetrant at its ingress from the top of flooring and underside of ceiling or from top of sole plate and underside of top plate.
 3M COMPANY -- CP 25WB* or FB-3000 WT
 *Bearing the UL Classification Mark

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FIRE STOPPING THROUGH WOOD FRAME FLOOR/CEILING/WALL

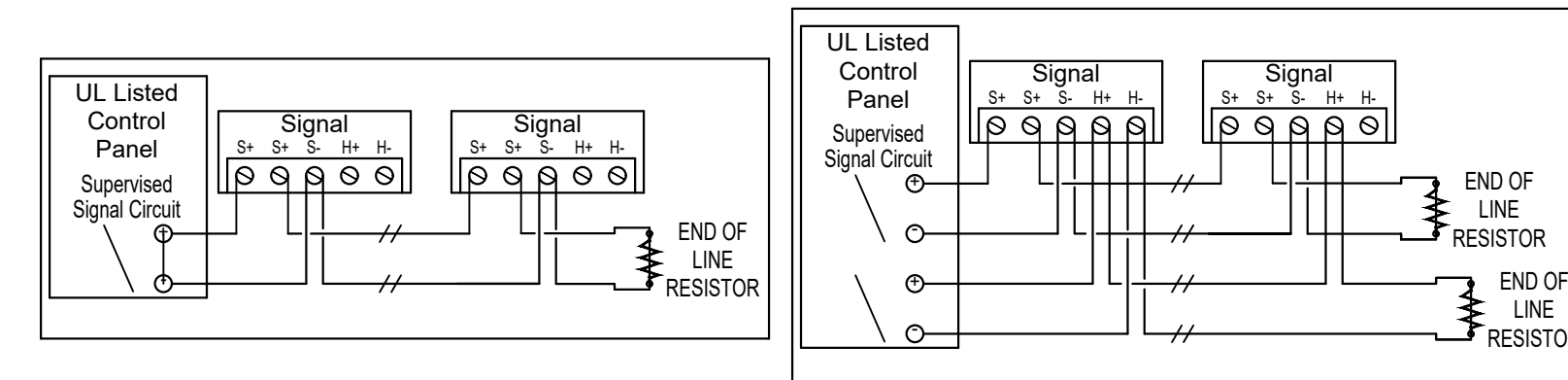
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N.T.S.



TYPE DX EXPANSION/DEFLECTION FITTING

4
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N.T.S.

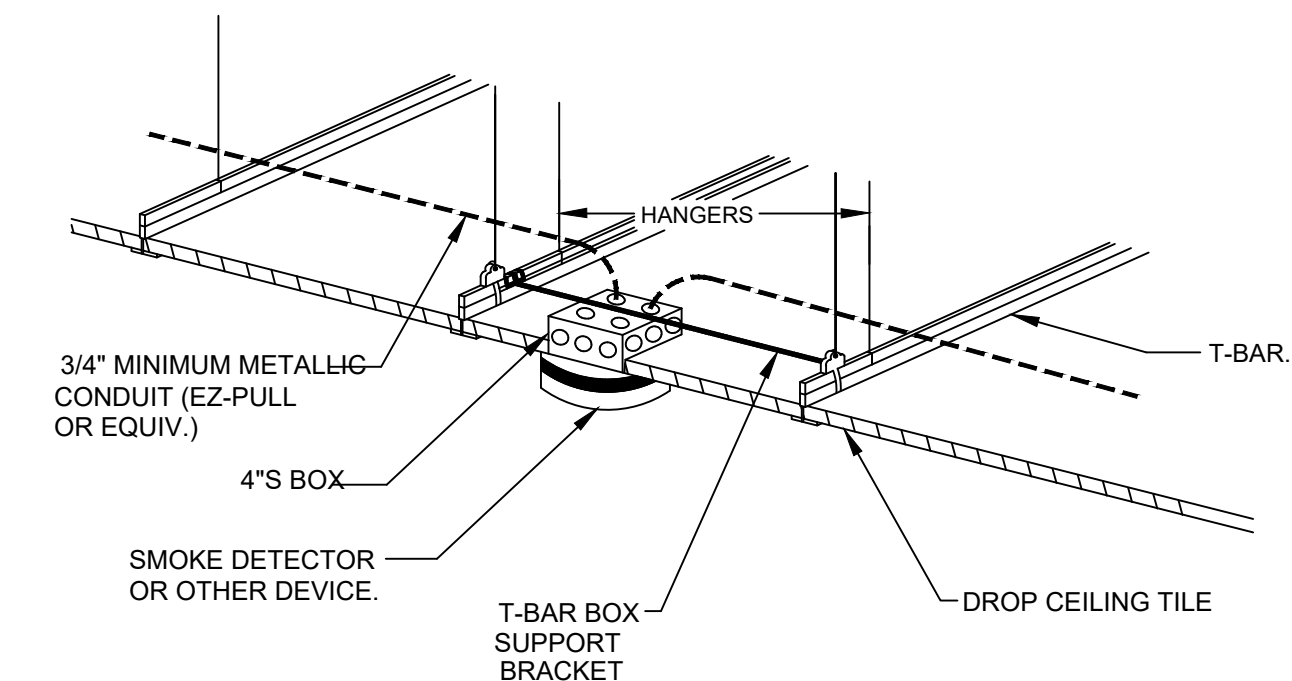
UL LISTED: E-11853; UL STANDARD: 514B.
 CSA CERTIFIED: 11584; CSA STANDARD: C22.2 NO.18.



TEMPORAL CODE 3 FOR ALL AUDIBLE DEVICES OBTAINED FROM FIRE ALARM CONTROL PANEL.

8
FA1.01
N.T.S.

DUAL INPUT SPEAKER/STROBE WIRING DIAGRAM



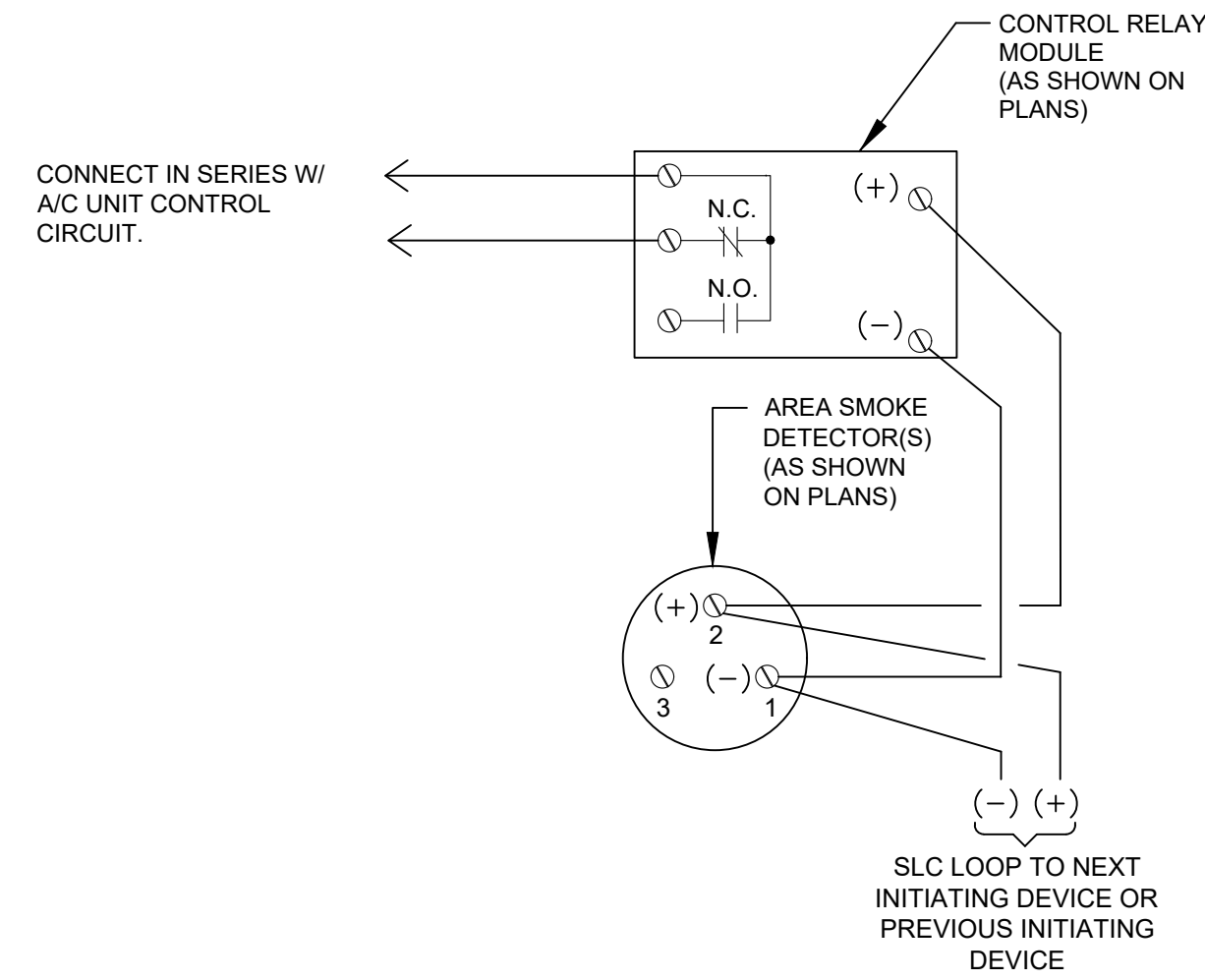
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FA1.01
N.T.S.

TYPICAL (SMOKE/HEAT DETECTOR) CEILING MOUNT INSTALLATION DETAIL

DSA APPROVAL STAMP

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 03-123646 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 12/07/2023

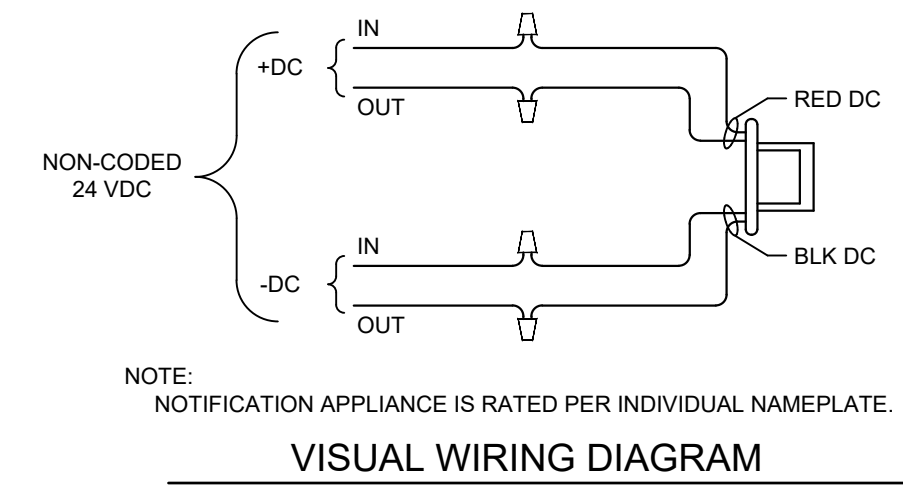
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 NOTES:



5
FA1.01
N.T.S.

TYPICAL A/C UNIT SHUT DOWN CONTROLS

NOTE: PROGRAM FIRE ALARM SYSTEM THAT ANY SMOKE OR HEAT DETECTORS IN THE BUILDING THAT SEND A SIGNAL TO ACTIVATE FACP WILL ALSO SHUT DOWN ALL THE A/C UNITS IN THE BUILDING TOO.

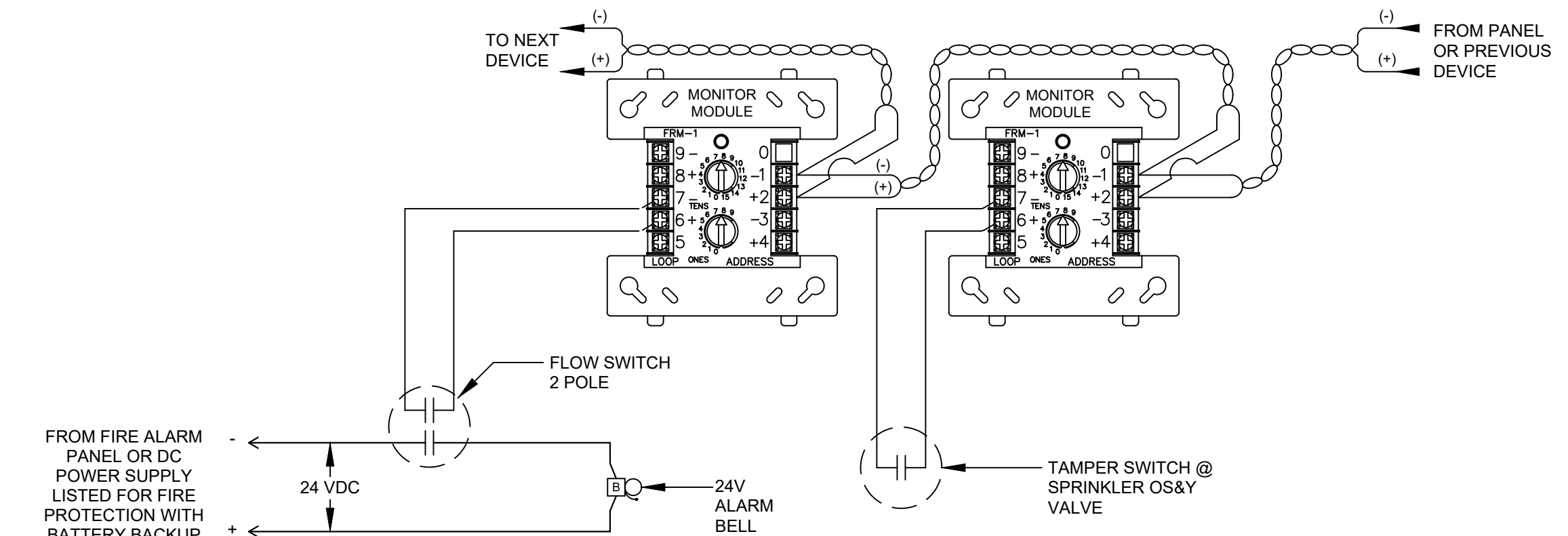


NOTE: NOTIFICATION APPLIANCE IS RATED PER INDIVIDUAL NAMEPLATE.

VISUAL WIRING DIAGRAM

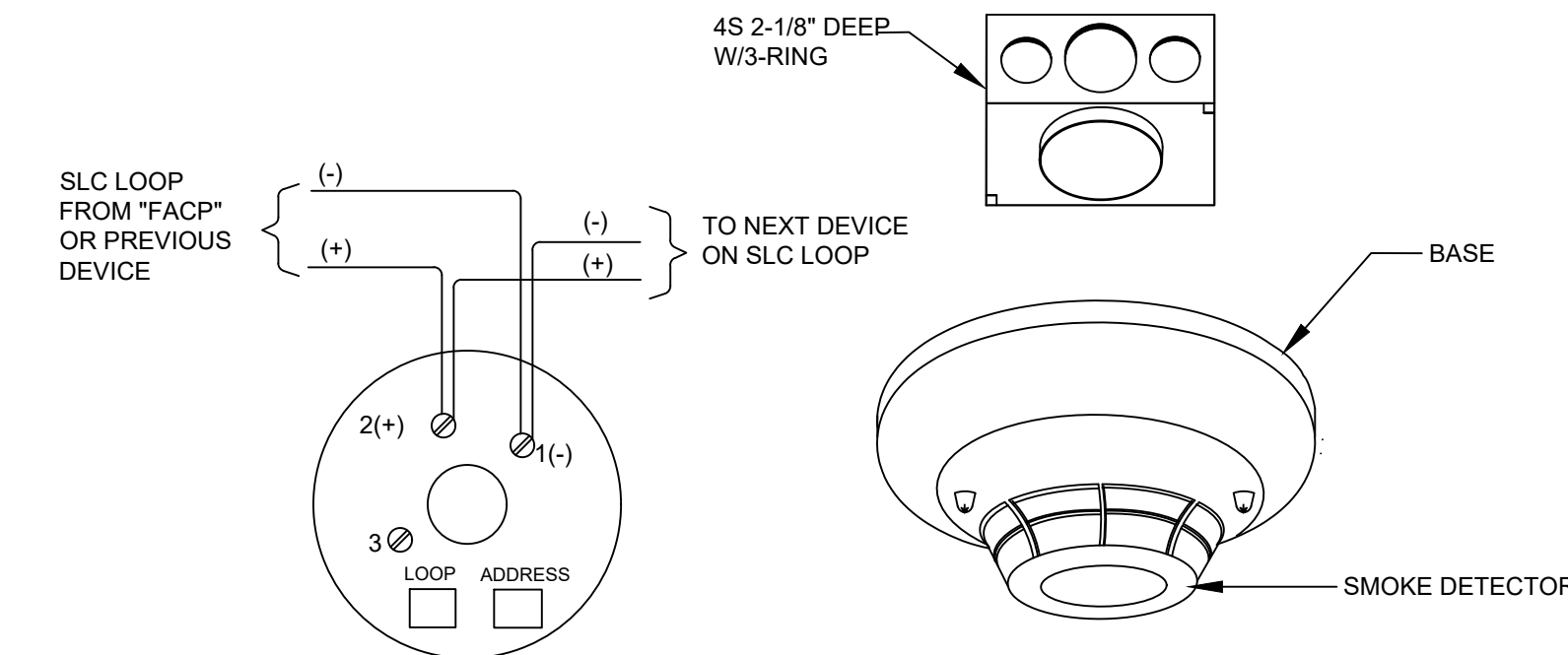
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STROBE LIGHT



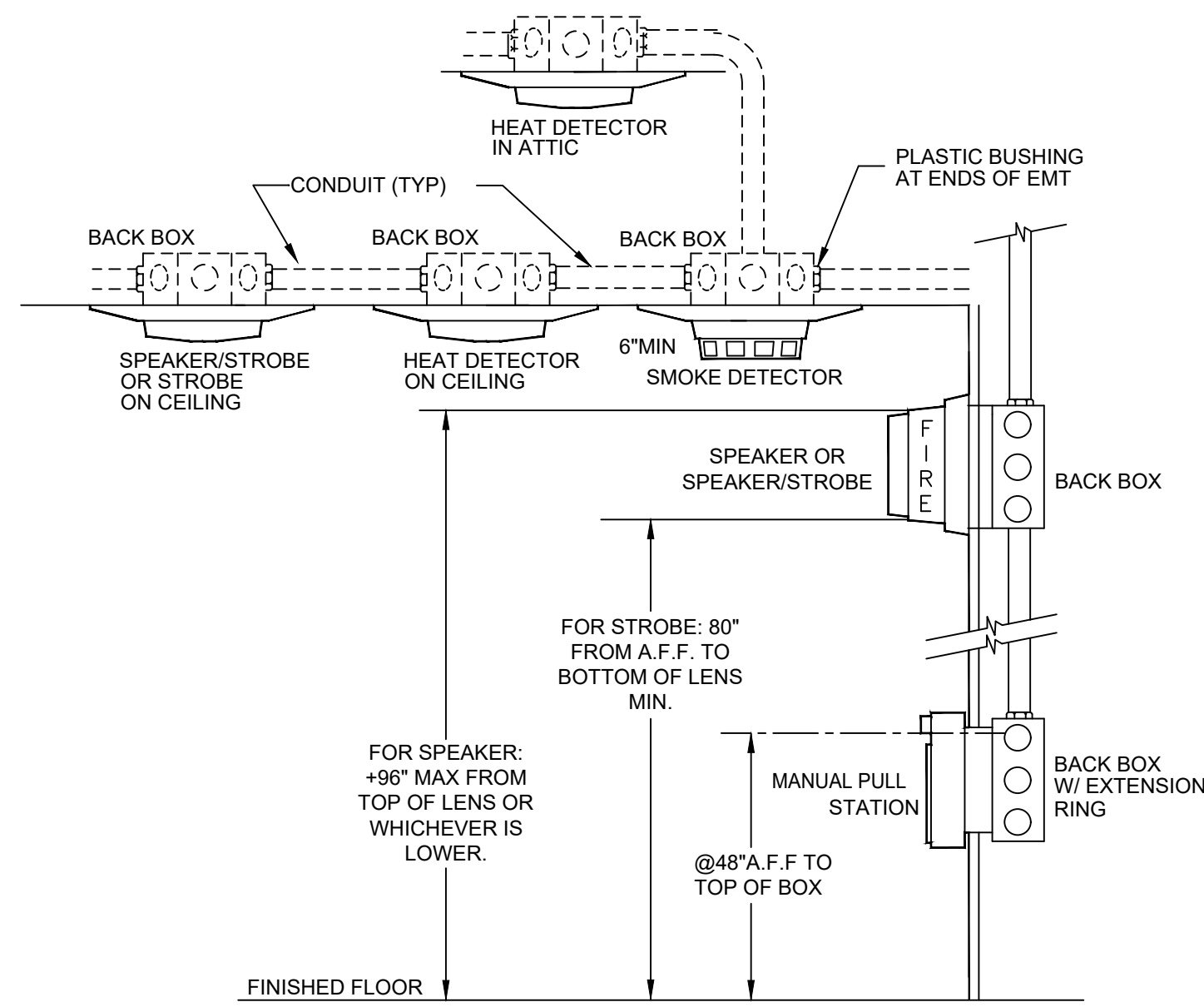
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SPRINKLER WATER FLOW & TAMPER SWITCH & BELL CONNECTION DIAGRAM



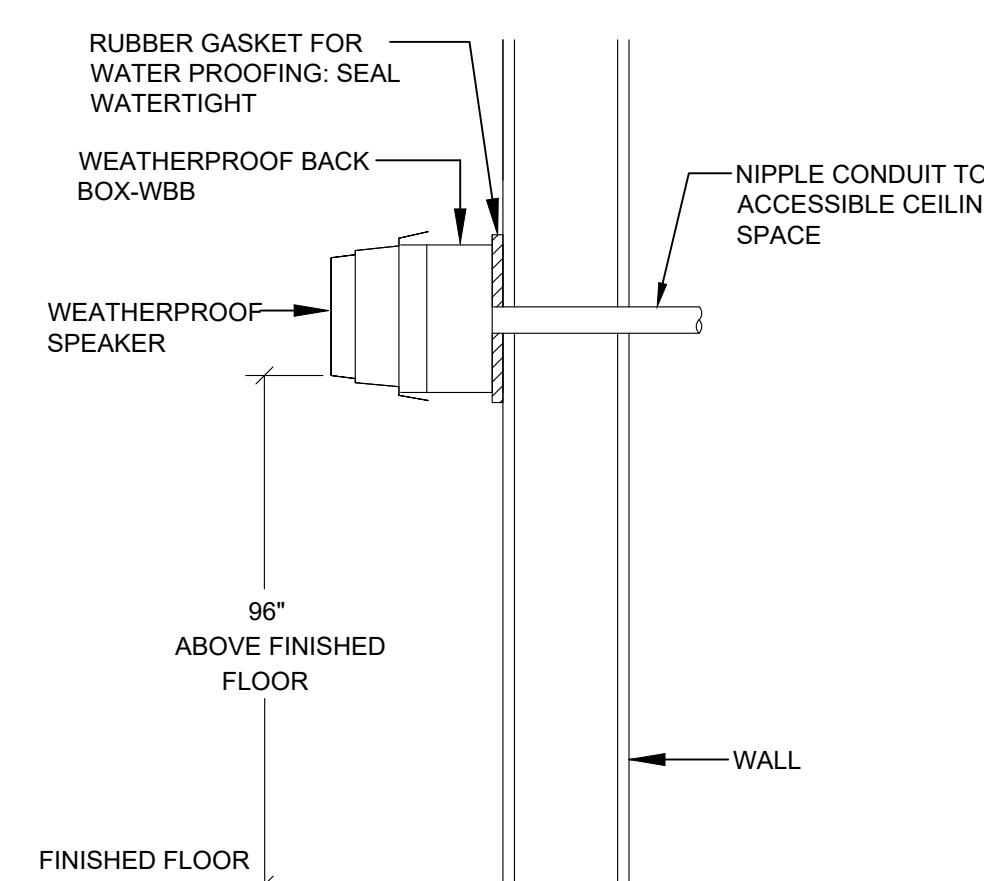
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SMOKE AND HEAT DETECTORS DETAIL WIRING



3
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N.T.S.

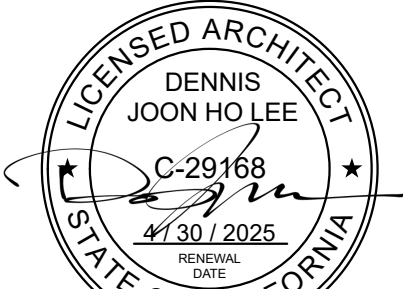
PULL STATION, SPEAKER & STROBE HEIGHT REQUIREMENTS



6
FA1.01
N.T.S.

EXTERIOR WEATHERPROOF SPEAKER MOUNTING DETAIL

NOTE: MOUNT EXTERIOR WEATHERPROOF SPEAKER AT +96" FROM FINISHED FLOOR TO BOTTOM OF DEVICE.



PACIFIC ENGINEERS GROUP
 Consulting MPEF Engineers
 1106 W. Magnolia Blvd., Suite A
 Burbank, CA 91506
 (818) 859-7081 Y23-268
 info@pacificeng.net

ARCHITECT:
CO-AR DESIGN, INC.
 680 Brea Canyon Road, Suite 178
 Diamond Bar, California 91789
 Office: 909-598-0186
 Dennis J. Lee, NCARB dennisl@coar-design.com



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

SUBMITTALS/REVISIONS:
 1 DSA PROGRESS 8/15/23

PROJECT NO: 201904
 SCALE: AS SHOWN
 DATE: 8/7/2023
 DRAWN BY: ED /FW
 CHECKED BY: DL

SHEET TITLE:
FIRE ALARM DETAILS

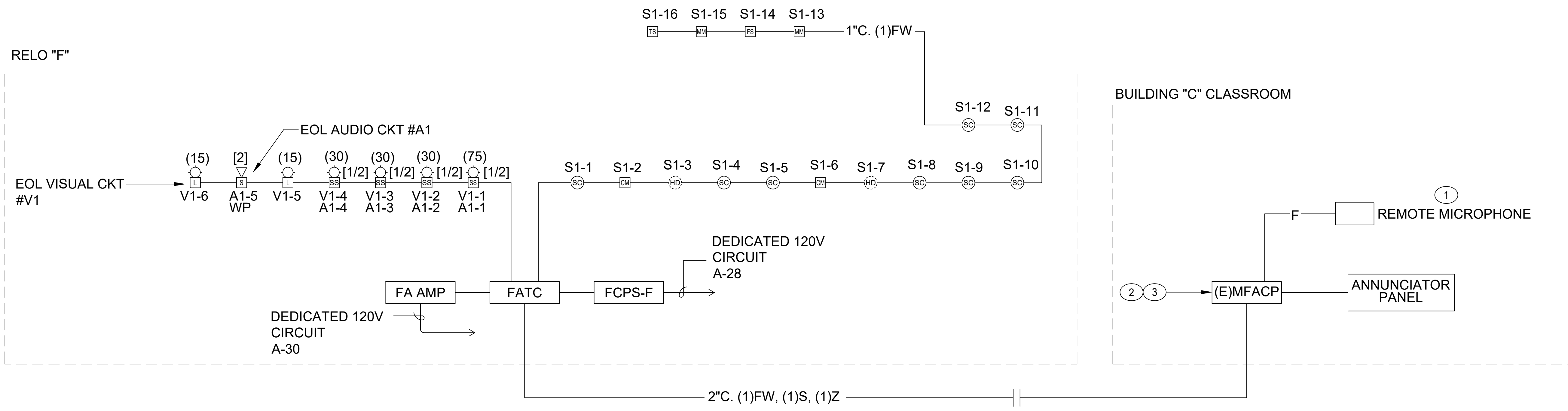
SHEET NO:

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- KEYED NOTES**
- 1 REMOTE MICROPHONE MOUNT ADJACENT TO ANNUNCIATOR PANEL.
 - 2 EXISTING FIRE ALARM CONTROL PANEL, REMOVE AND REPLACE ELECTRONIC DEVICES AND ENCLOSURE WITH NEW NOTIFIER NFS2-640 INCLUDING BUT NOT LIMITED TO DVC-EM, DAA-2 AMPLIFIER, AND MICROPHONE (VOICE EVACUATION SYSTEM FOR A COMPLETE OPERATING SYSTEM). RECONNECT ALL EXISTING DEVICES AND 120 VOLTS DEDICATED POWER SUPPLY.
 - 3 PROGRAM CONTROL PANEL TO COMBINE NEW AND EXISTING DEVICES. TEST NEW AND EXISTING DEVICES PER NFPA REQUIREMENTS.

BATTERY SIZING CALCULATION

DAA 50/70 Voice Control Panel - Amplifier - F

Quantity	Device Type	Model Number	Standby Current	Total Standby Current	Alarm Current	Total Alarm Current
1	DAA 50/70		0.06500	0.06500	2.00000	2.06500
4	Speaker 70V	Speaker - 1/2 Watt Tap	0.00000	0.00000	0.00714	0.02856
0	Speaker 70V	Speaker - 1 Watt Tap	0.00000	0.00000	0.01428	0.00000
1	Speaker 70V	Speaker - 2 Watt Tap	0.00000	0.00000	0.02856	0.02856
			Standby Load	0.065	Alarm Load	2.122
Standby Load:			0.065 Amps		Alarm Load:	2.122 Amps
Standby Time:			24 hours		Alarm Time:	15 Minutes
Total Standby Load:			1.56 Amp*Hours		Total Alarm Load:	0.53 Amp*Hours
Batteries Provided:			(2) BAT-1270		Available Battery:	5.60 A.H.
Battery Size:			7.00 A.H.		Load (ALM + STBY):	2.69 A.H.
De-Rated Size(80%):			5.60 A.H.		Spare Capacity:	3.51 A.H.

RELO "F"

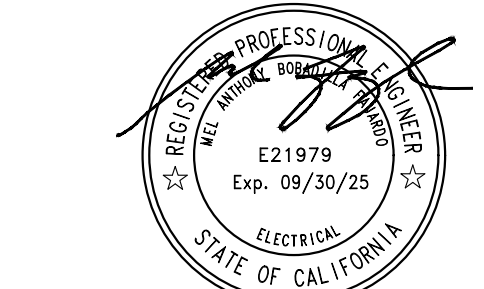
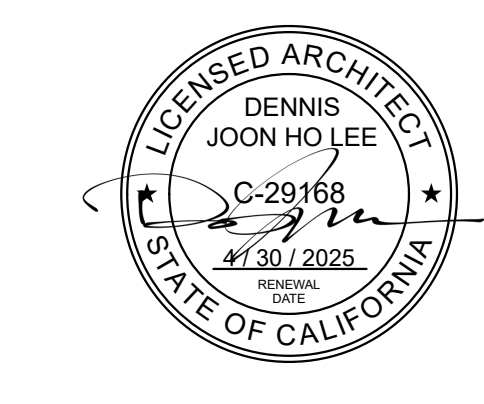
BATTERY CALCULATIONS - POWER EXTENDER FCPS-F

EQUIPMENT MODEL	QUANTITY	SUPERVISORY CURRENT, A		ALARM CURRENT, A		
		UNIT	TOTAL	UNIT	TOTAL	
POWER SUPPLY PSE-6	1	0.04	0.04	0.16	0.16	
110cd ALARM STROBE LIGHT 24 VDC	0	0	0	0.148	0	
75cd ALARM STROBE LIGHT 24 VDC	1	0	0	0.111	0.111	
30cd ALARM STROBE LIGHT 24 VDC	3	0	0	0.063	0.189	
15cd ALARM STROBE LIGHT 24 VDC	2	0	0	0.043	0.086	
SOUNDER BASE	0	0	0	0.02	0	
STANDBY AH	0.96	SUB TOTAL		0.04	SUB TOTAL	0.546
ALARM AH	0.14	HOURS		24.00	HOURS	0.25
TOTAL	1.10	AH STANDBY		0.96	AH ALARM	0.1365

PROVIDE 7 AH BATTERY PACK (0.25 HRS. = 15 MIN.)

FIRE ALARM SIGNAL CIRCUIT SCHEDULE

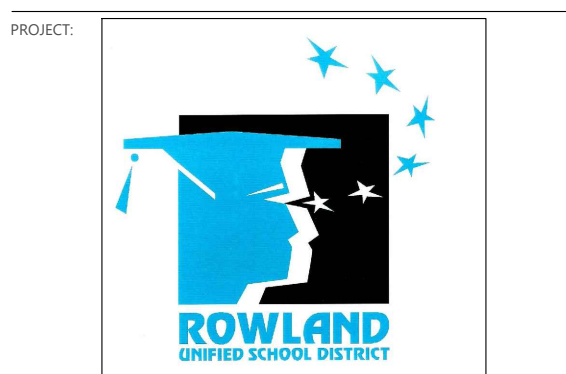
CKT. NO.	QUAN. BELL	QUAN. STROBE	QUAN. STROBE	QUAN. STROBE	QUAN. STROBE	TOTAL AMPS	WIRE SIZE	DISTANCE (IN FEET)	TO MFACP	TO POWER EXTENDER	PERCENT VOLTAGE DROP
V1	0.03	2	3	1	0.148	0.38	#12	120		FCPS-F	0.63
V2							SPARE	SPARE		FCPS-F	0.00
V3							SPARE	SPARE		FCPS-F	0.00
V4							SPARE	SPARE		FCPS-F	0.00



PACIFIC ENGINEERS GROUP
 Consulting MEPF Engineers
 1106 W. Magnolia Blvd., Suite A
 Burbank, CA 91506
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CO-AR DESIGN, INC.
 680 Brea Canyon Road, Suite 178
 Diamond Bar, California 91789
 Office: 909-598-0186

Dennis J. Lee, NCARB dennis@coar-design.com



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CLIENT:
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 1830 NOGALES STREET
 ROWLAND HEIGHTS, CA 91748

SUBMITTAL REVISIONS:
 1 DSA PROGRESS 8/15/23

PROJECT NO: 201904
 SCALE: AS SHOWN
 DATE: 8/7/2023
 DRAWN BY: ED /FW
 CHECKED BY: DL

SHEET TITLE:
FIRE ALARM RISER AND BATTERY CALCULATIONS

SHEET NO:

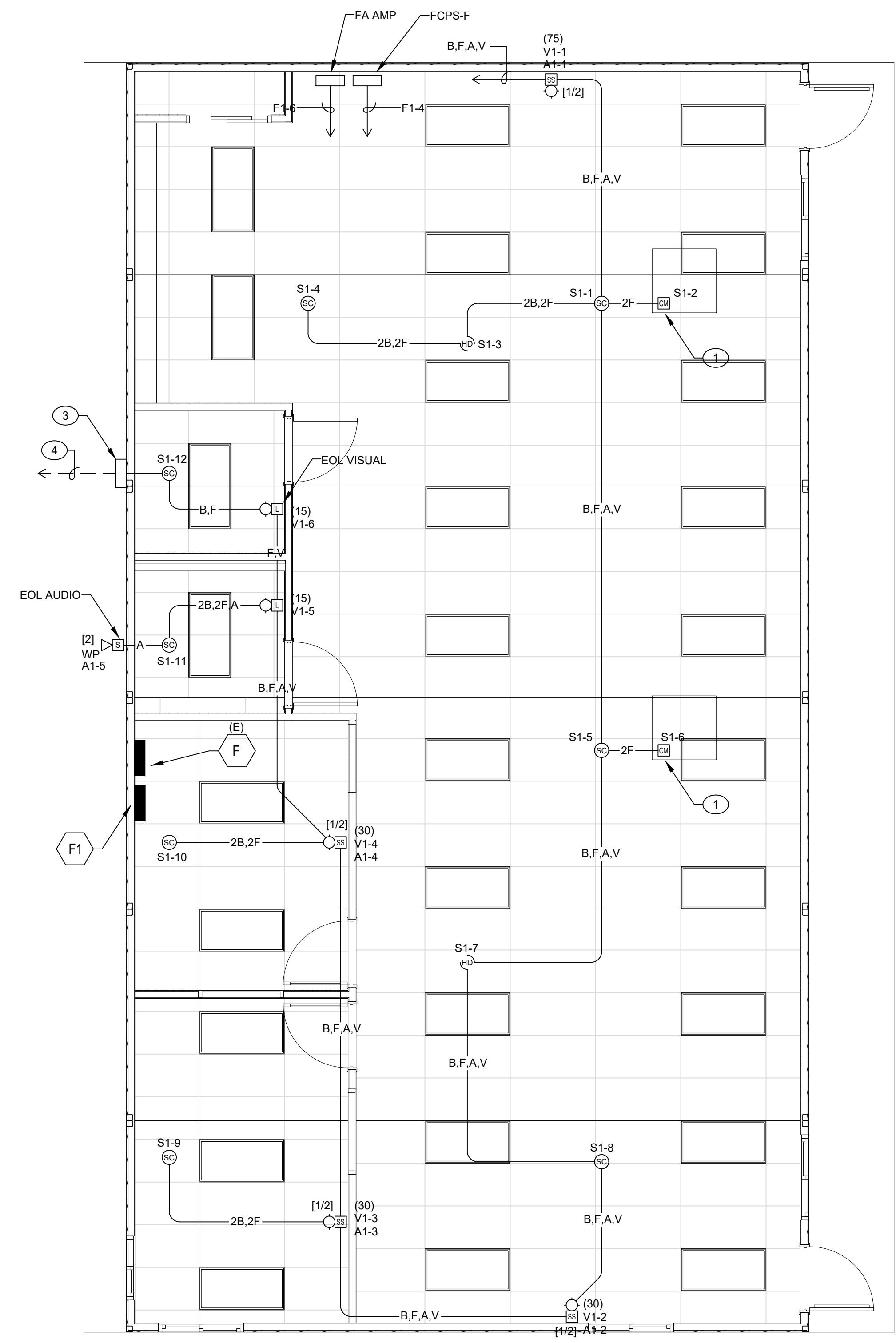
FA-1.02

KEYED NOTES

- ① PROVIDE CONTROL MODULE IN A/C UNIT CONTROL COMPARTMENT AND CONNECT TO A/C CONTROLLER FOR A/C AUTOMATIC SHUT-OFF.
- ② PROVIDE (1)20A-1P CIRCUIT BREAKER AT EXISTING PANEL. MATCH TYPE AND A.I.C. RATING OF (E) BREAKERS. PROVIDE LABEL TO READ "FIRE ALARM". PROVIDE "LOCK-ON" DEVICE ON CIRCUIT BREAKERS.
- ③ 10"x10"x4" PULLBOX IN NEMA 3R ENCLOSURE LABELED "FIRE ALARM". MOUNT HIGH ON WALL.
- ④ 1" C. WITH "FW" CABLE TO FLOW AND TAMPER SWITCH. SEE SHEET FA-2.0 SITE PLAN FOR MORE INFORMATION.

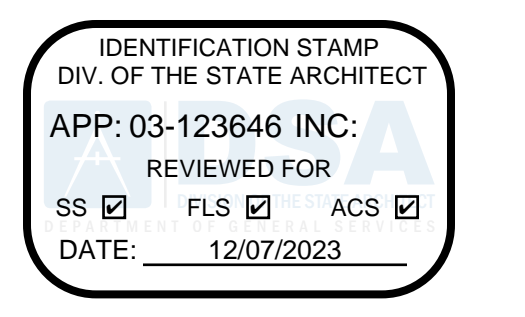
GENERAL NOTES

- 1. ALL ITEMS SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- 2. ALL CONDUITS INSIDE THE BUILDING SHALL BE CONCEALED IN ATTIC/CEILING SPACE.
- 3. CONDUIT RUNS ARE DIAGRAMMATIC. PROVIDE PULLBOX(ES) TO COMPLY WITH NEC.



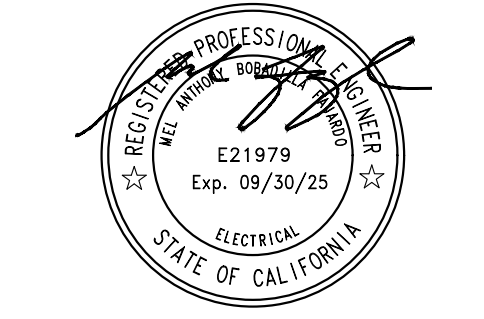
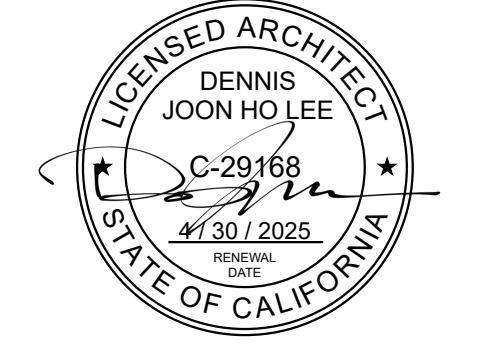
1 RELO FIRE ALARM PLAN
 FA-3.0 SCALE: 1/4" = 1'-0" 0 4 8 FT. NORTH

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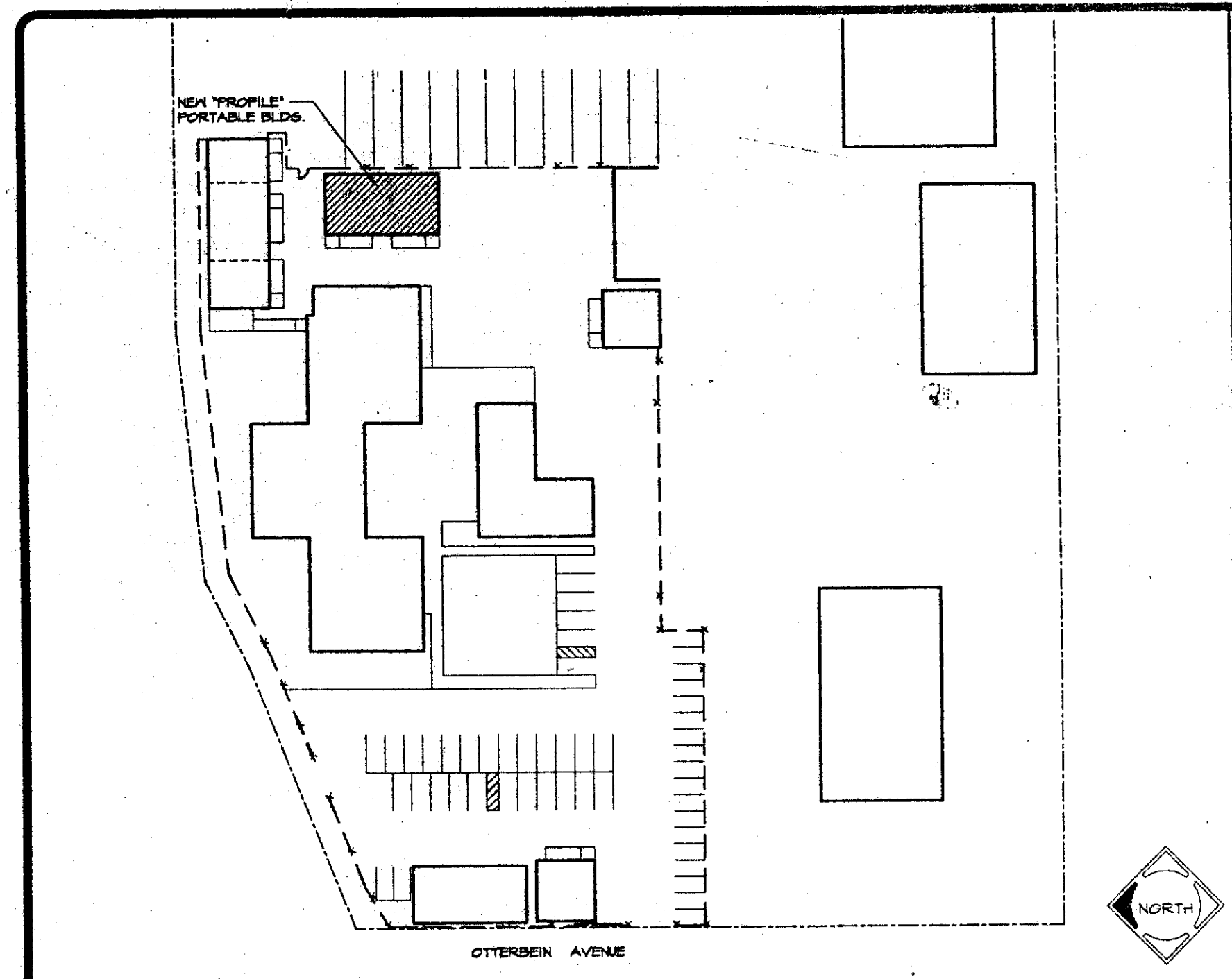
SUBMITTALS/ REVISIONS:

1	DSA PROGRESS	8/15/23
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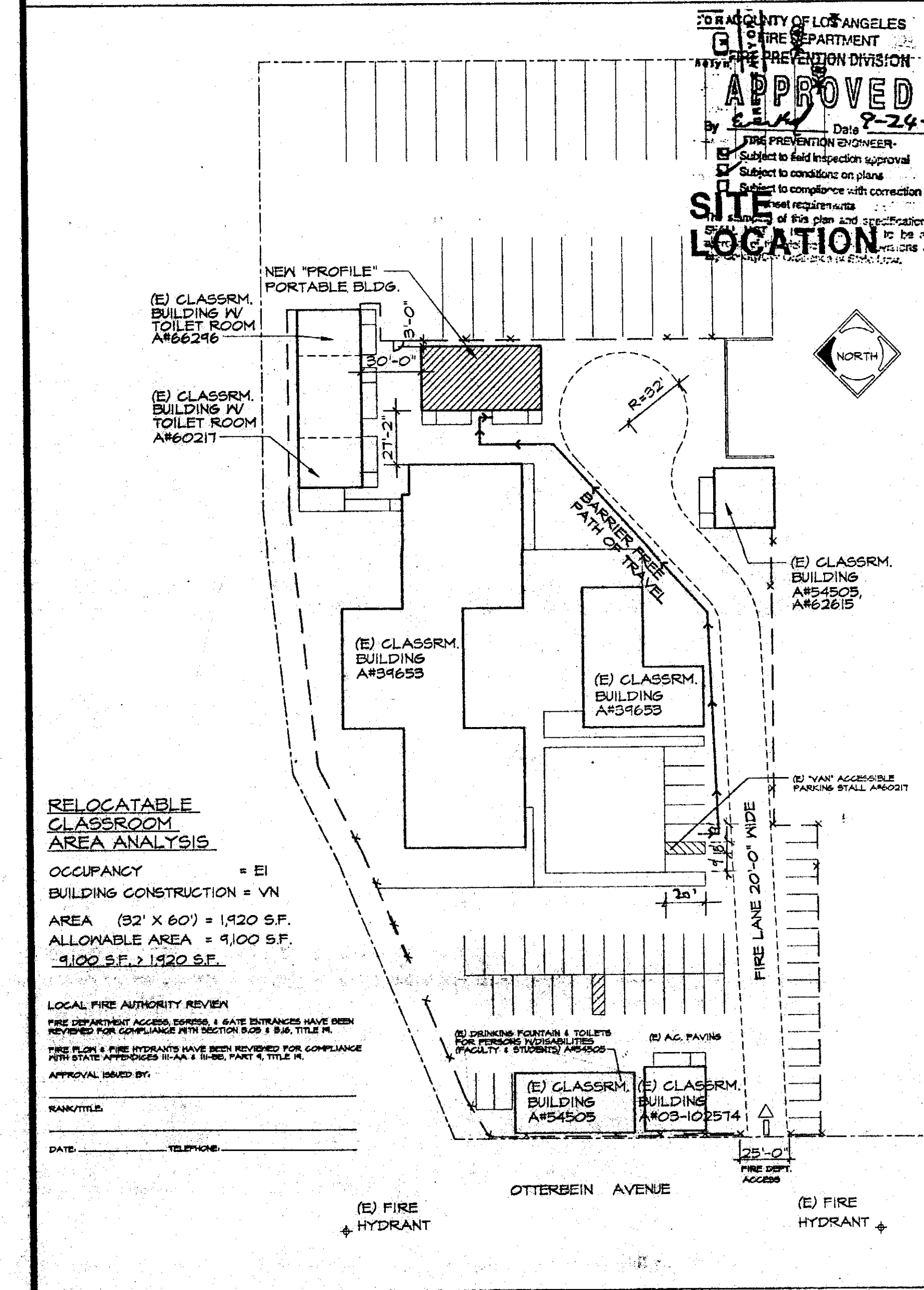
PROJECT NO: 201904
 SCALE: AS SHOWN
 DATE: 8/7/2023
 DRAWN BY: ED /FW
 CHECKED BY: DL

SHEET TITLE:
RELO FIRE ALARM PLAN

SHEET NO:
FA-3.0



SITE PLAN



PARTIAL SITE PLAN

ROWLAND UNIFIED SCHOOL DISTRICT

ONE NEW RELOCATABLE CLASSROOM BUILDING

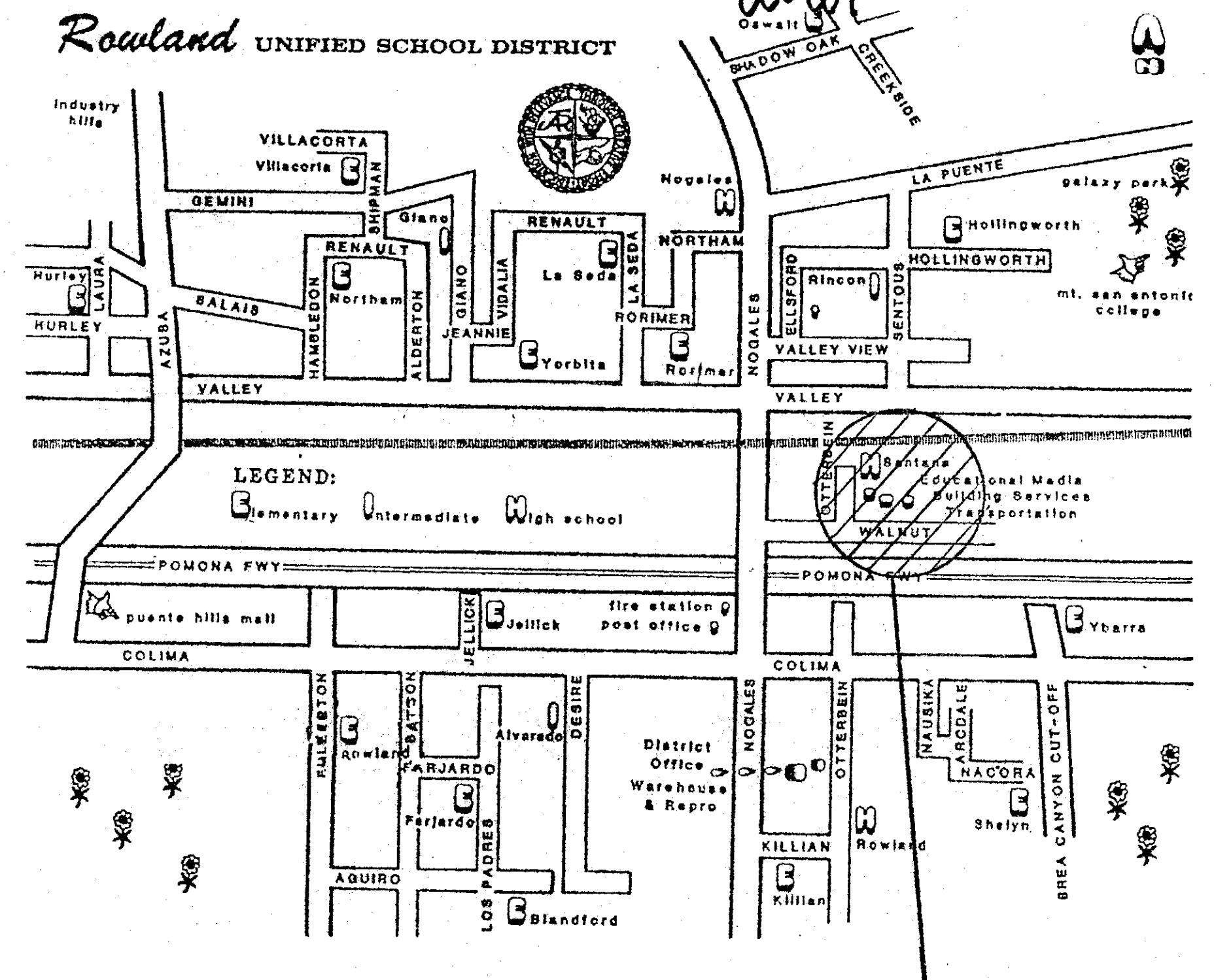
AT

SANTANA CONTINUATION HIGH SCHOOL

1006, OTTERBEIN ST., ROWLAND HEIGHTS, CA. 91748

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VICINITY MAP

SITE LOCATION

CHECKED BY: AZ
 DRAWN BY: TWC
 DATE: 04/20/99

PREPARED BY: JWB
 DATE: 04/20/99

BY	DATE
JWB	04/20/99
RLV	04/20/99
DAI	04/20/99
RLV	04/20/99

TITLE SHEET, VICINITY MAP, SITE PLAN, PARTIAL SITE PLAN, INDEX OF DRAWINGS

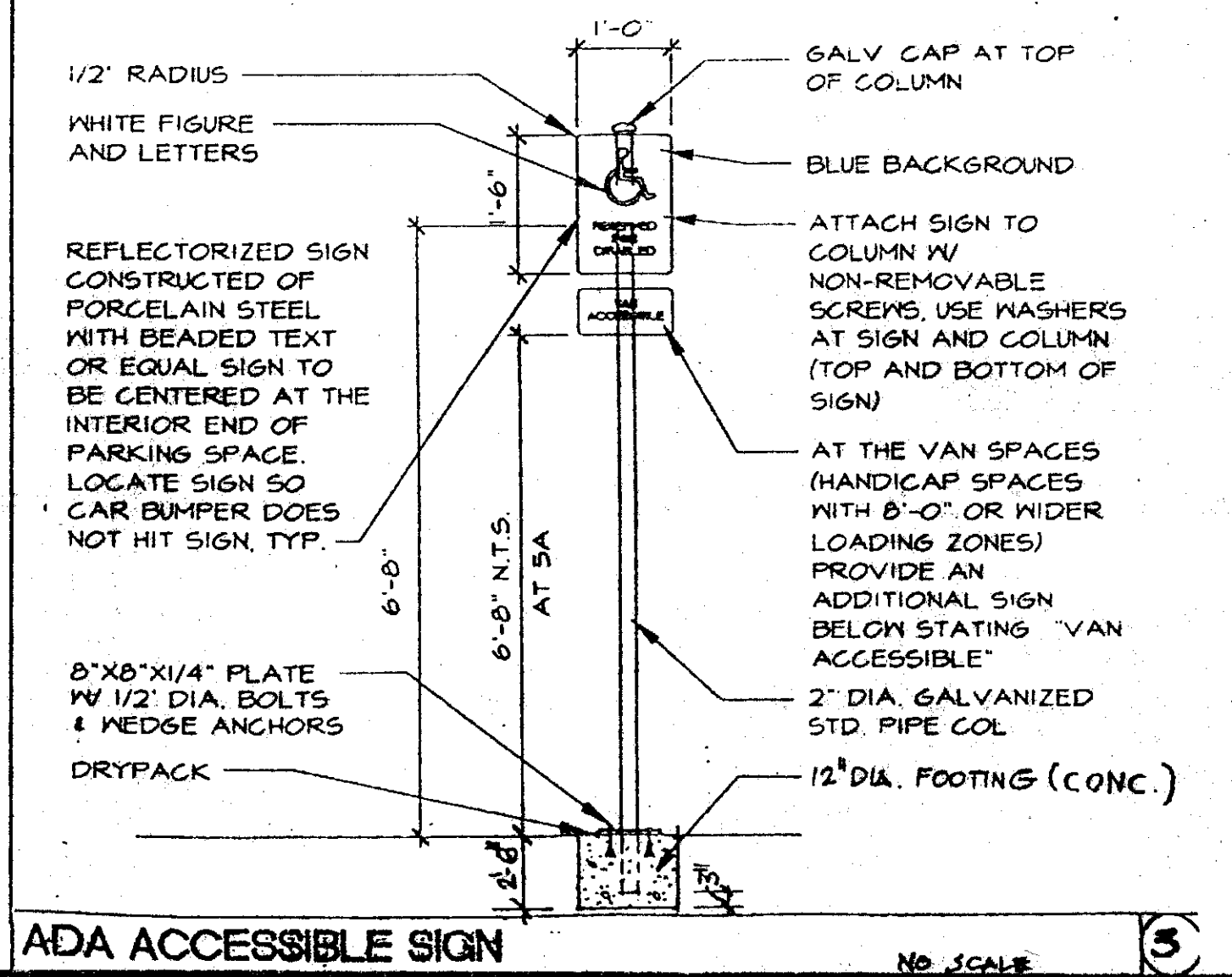
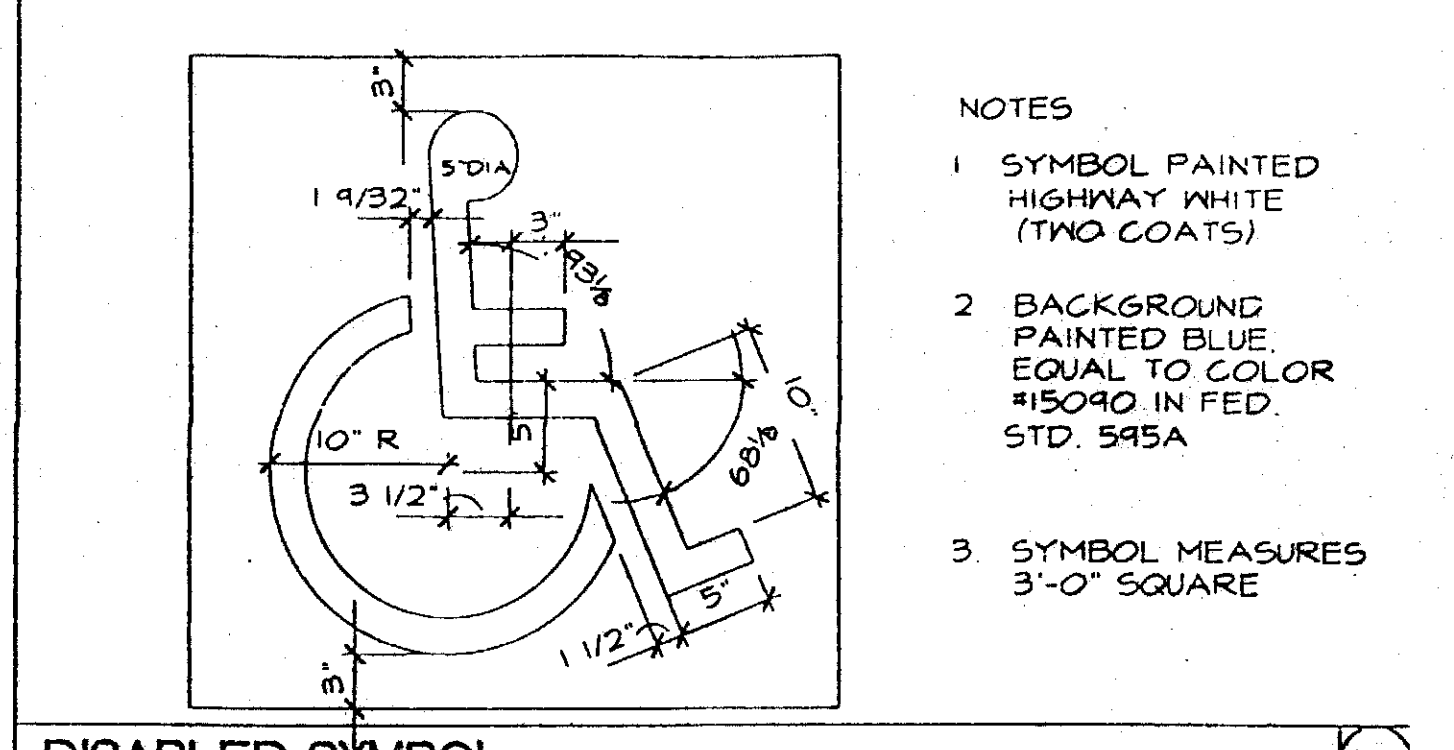
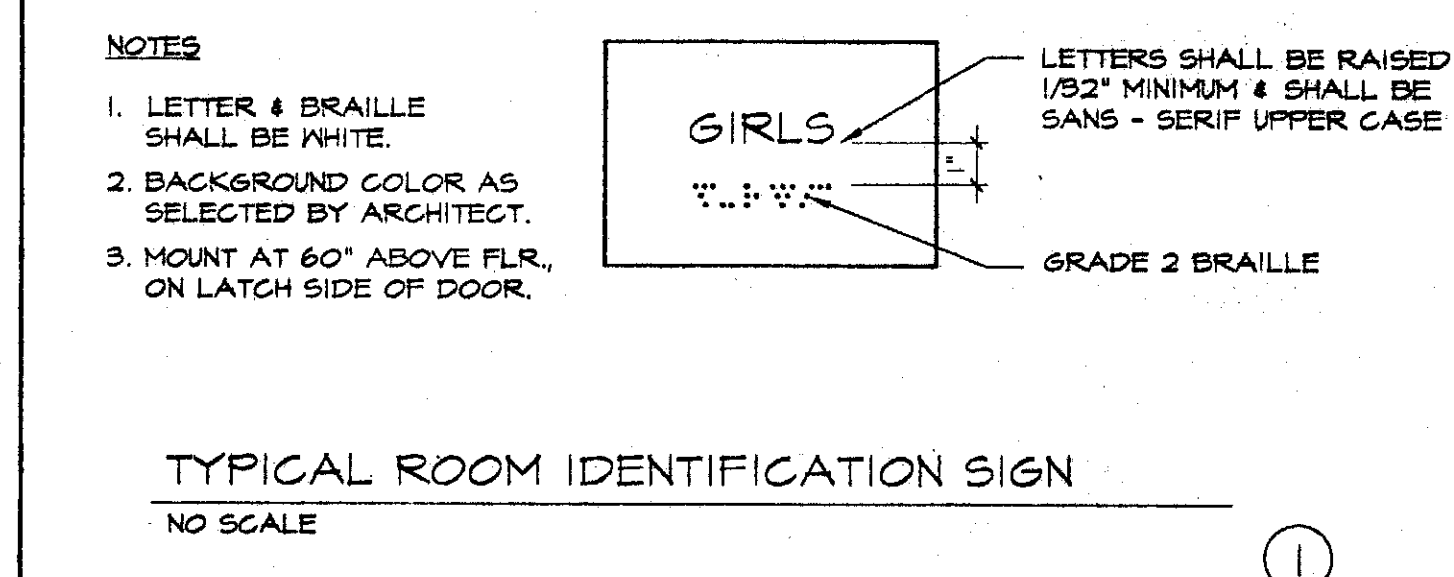
AZ
 ADRIAN ZEMBA, AIA & ASSOCIATES, INC.
 111 N. FIRST STREET, SUITE 204, MIRAMONTE, CA. 91002
 PHONE (818) 944-5888 FAX (818) 944-7788

SANTANA CONTINUATION HIGH SCHOOL
 1006 OTTERBEIN STREET, ROWLAND HEIGHTS, CA 91748
 ROWLAND UNIFIED SCHOOL DISTRICT
 1830 NOGALES ST., ROWLAND HEIGHTS, CA 91748

DISTRICT HAS COMPLETED CONSTRUCTION OF D.S.A. APPROVED PLANS FOR ACCESSIBLE TOILETS (STUDENTS & FACULTY).

ALL REQUIREMENTS CONFORM EXCEPT FOR THE FOLLOWINGS:

- PROVIDE BRAILLE SIGNS (SEE DETAILS ON THIS SHEET) - BY DISTRICT.
- PROVIDE THE U SHAPE / LOOP HANDLE IMMEDIATELY BENEATH THE LATCH AT TOILET STALL COMPARTMENT DOOR (DISABLED PERSONS STALL) - BY DISTRICT.



ACCESS COMPLIANCE (AC) PLAN SUBMITTAL CHECKLIST FOR RELOCATABLE CLASSROOM BUILDINGS

YOU MUST HAVE AT LEAST ONE "YES" IN EACH CATEGORY LISTED BELOW: YES NO

Has the District completed construction of DSA approved plans for at least one "Van Accessible" parking space for persons with disabilities?
 YES NO EXISTING "VAN" ACCESSIBLE

If YES, the DSA application number (over 44009) is: 60, 217
 If NO, are the new or alteration construction plans attached which meet all required features listed in the Workshop Manual?
 YES NO

If NO, does the District have an ADA Transition Plan or a DSA approved modernization plan for this site?
 YES NO If NO, is this the first relocatable classroom project on this site since January 1, 1992?

Has the District completed construction of DSA approved plans for at least one pair of (Men/Women or Boys/Girls) accessible toilets?
 YES NO ADD UPGRADE FOR THIS APPLICATION

If YES, the DSA application number (over 44009) is: 54, 505
 If NO, are the new or alteration construction plans attached which meet all required features listed in the Workshop Manual?
 YES NO

If NO, does the District have an ADA Transition Plan or a DSA approved modernization plan for this site?
 YES NO If NO, is this the first relocatable classroom project on this site since January 1, 1992?

Has the District completed construction of DSA approved plans for at least one drinking fountain?
 YES NO

If YES, the DSA application number (over 44009) is: 6, 006
 If NO, are the new or alteration construction plans attached which meet all required features listed in the Workshop Manual?
 YES NO

If NO, does the District have an ADA Transition Plan or a DSA approved modernization plan for this site?
 YES NO If NO, is this the first relocatable classroom project on this site since January 1, 1992?

Have you indicated (by a dotted line) in the site plan above an existing DSA approved accessible route for persons with disabilities which identifies a barrier-free route from the accessible van parking space to each of the relocatable classroom(s) and which has no sudden change in elevation over 1/8 inch at 1:2 pitch, and which includes and indicates each ramp, special access lift, or elevator on the route complying with Part 2, Title 24?
 YES NO

If YES, the DSA application number (over 44009) is: 60, 217
 If NO, are the new or alteration construction plans attached?
 YES NO

If NO, does the District have an ADA Transition Plan or a DSA approved modernization plan for this site?
 YES NO If NO, is this the first relocatable classroom project on this site since January 1, 1992?

Is/are the relocatable classroom(s) pre-approved by DSA?
 YES NO

If YES, the DSA PC number is: 245
 If NO, is this project limited to the following building types? Please check:
 PC H&CD 197A DSA CONFORMING (Plans must be attached)

STRUCTURAL SAFETY PLAN SUBMITTAL CHECKLIST FOR RELOCATABLE CLASSROOM BUILDINGS

BUILDING DATA - New DSA Conforming Relocatable

PC No. #245 Manufacturer: PROFILE STRUCTURE

Design Roof Live Load: 20 psf REDUCIBLE

Design Roof Snow Load: N/A psf

Design Floor Live Load: 50 psf

Design Wind Speed: 10 mph Exposure Category: C

Design Seismic Zone: 4

Test & Inspection Requirements:
 Sample & test steel Shop fabrication inspection Grounding
 Shop welding Field welding Expansion Anchors
 Concrete compression Engineered Fill

SITE DATA

Site Roof Snow Load: N/A psf

Site Wind Speed: 10 mph Exposure Category: C

Site Seismic Zone: 4

Foundation Design Wind Speed: 10 mph Exposure Category: C

Design Soil Pressure: 1000 psf (If greater than 1000psf, provide site Soils Report)

NO concrete, asphalt, or earth abutting frame or siding? Yes No

Provide detail if no: Yes No

Undisturbed ground slope \leq 10%? Yes No

If NO, schedule OTC appointment: Yes No

Retaining wall heights \leq 4'? Yes No

If NO, provide design details and calculations: Yes No

Retaining walls are NOT closer than twice the retaining wall height to the building foundation? Yes No N/A

Fill height \leq 2'? Yes No N/A

If NO, grading plan per §3301.1; Engineered Fill inspection required: Yes No

Existing utilities adequate? Yes No

Positive drainage provided? Yes No

Underfloor ventilation provided per §2317A.7? Yes No

Minimum clearance under structure \geq 2' 27"? Yes No

Separation between structures \geq 2' 27"? Yes No

Closure between structures, if provided, allows movement? Yes No

Electrical connections between structures allow movement horizontally? Yes No

Access provided to all underfloor utilities? Yes No

FIRE & LIFE SAFETY (FLS) PLAN SUBMITTAL CHECKLIST FOR RELOCATABLE CLASSROOM BUILDINGS

YES NO

Property Lines, Dimensions, Const. Type, Area, Occupancy, Loads Shown

Fire Access Shown - Local Fire Authority Review Block Completed

FLS Standard Site Plan: A B C D E (check)

FLS Non-Standard Site Plan - Reduced Separation/Area Increase Justified

Fire Alarm Panel, Pull Stations, Audible Devices, Detectors Shown

Current SFM Listing Numbers For New Fire Alarm Equipment Shown

Fire Alarm System Type: Manual Automatic (check)

Fire Alarm System Design Options (check below)

New "Stand Alone" SFM Approved and Listed Fire Alarm System

Building/Group \geq 20 ft. From Others

Method of Communication Provided

SFM Listed Fire Alarm Devices Connected to (E) Fire Alarm Circuit

Worst Case Voltage Drop \leq 10% (Ohm's Law)

Battery Amp Hours Required \geq 10 Provided 7.01 (fill in)

(E) Device Audible in Classroom - (E) Fire Alarm Pull Station \leq 200 ft.

Other Fire Alarm System Modifications - Explain:

Test of Fire Alarm System in Presence of Fire Authority to be Conducted

NFPA "Certificate of Compliance" Form to be Submitted to ORS

Other Means of Evacuation Provided (fire authority concurrence required)

Explain: _____

APPLICABLE CODES AS OF JULY 1, 1999

1998 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
 1998 CALIFORNIA BUILDING CODE (CBC) PART 2, TITLE 24 C.C.R.
 [1997 UNIFORM BUILDING CODE VOLUMES 1-3 & 1998 CALIFORNIA AMENDMENTS]

1998 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24 C.C.R.
 [1998 NATIONAL ELECTRICAL CODE AND 1998 CALIFORNIA AMENDMENTS]

1998 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R.
 [1997 UNIFORM MECHANICAL CODE AND 1998 CALIFORNIA AMENDMENTS]

1998 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24 C.C.R.
 [1997 UNIFORM PLUMBING CODE AND 1998 CALIFORNIA AMENDMENTS]

1998 CALIFORNIA FIRE CODE (CFC) PART 9, TITLE 24
 [1997 UNIFORM FIRE CODE AND 1998 CALIFORNIA AMENDMENTS]

1998 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
 1990 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 13 AUTOMATIC SPRINKLER SYSTEMS 1996 EDITION

NFPA 14 STANDPIPE SYSTEMS 1996 EDITION

NFPA 17A NET CHEMICAL SYSTEMS 1994 EDITION

NFPA 24 PRIVATE FIRE MAINS 1996 EDITION

NFPA 72 NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED) 1996 EDITION (NOTE SEE UL STANDARD 1471 FOR "VISUAL DEVICES")

NFPA 258 CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS 1996 EDITION

NFPA 2001 CLEAN ASBEST FIRE EXTINGUISHING SYSTEMS 1994 EDITION

REFER CODE SECTION FOR NFPA STANDARDS - CBC (SFM) 3504.1

LOCAL FIRE AUTHORITY REVIEW

ACCESS ROADS & GATE ENTRANCES ARE IN COMPLIANCE WITH 19, CALIFORNIA CODE OF REGULATIONS SUBCHAPTER 1, ARTICLE 3.05 ACCESS ROADS AND 3.16, GATE ENTRANCES TO SCHOOL GROUNDS.

APPROVAL ISSUED BY: _____

RANK/TITLE: _____

DATE: _____ TELEPHONE: _____

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 102932
 AC _____ FLS _____ SS _____
 DATE: NOV 17 1999

ARCHITECTURAL

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APP: 03-28620
 AC _____ FLS _____ SS _____
 DATE: NOV 17 1999

DSA

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APP: 03-28620
 AC _____ FLS _____ SS _____
 DATE: NOV 17 1999

ELECTRICAL MECHANICAL CIVIL

DATE: 08/24/1999
 CHECKED BY: JTB
 DRAWN BY: TW
 THE SIGNER BY: AZ
 PREPARED BY: 460905

NO. DATE REVISION BY

TITLE SHEET, VICINITY MAP, INDEX OF DRAWINGS, SITE PLAN

SANTANA CONTINUATION HIGH SCHOOL
 1006 OTTERBEIN STREET, ROLAND HEIGHT, CA 94748
 ROLAND UNIFIED SCHOOL DISTRICT
 1932 VOGALES ST., ROLAND HEIGHT, CA 94748

ADOORPH ZIEMBA, AIA & ASSOCIATES, INC.
 111 N. WILSON STREET, SUITE 304, JOLIETT, IL 61708
 PHONE (815) 941-2866 FAX (815) 941-7788

STATE OF CALIFORNIA
 LICENSED ARCHITECT
 C-23198
 SEP 3 0 2001
 RENEWAL DATE

JAN 18 2000

GENERAL NOTES (CONT.)

21. AN INSPECTOR EMPLOYED BY THE SCHOOL DISTRICT IN ACCORDANCE WITH THE REQUIREMENTS OF C.C.R. TITLE 24 ADMINISTRATIVE 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.
22. DISTRICT SHALL NOT OCCUPY THE PORTABLE BUILDING UNTIL IT CONFORMS TO THE APPROVED DRAWINGS.
23. ALL ITEMS ARE NEW UNLESS NOTED AS EXISTING.
24. ANY CHANGES TO THESE DRAWINGS AND SPECS SHALL BE BY ADDENDUM OR CHANGE ORDER AND APPROVED BY DSA.
25. CONTRACTOR TO SECURELY ATTACH METAL PLATES TO TOP OF EXTERIOR WALLS OF EACH BUILDING INDICATING DSA APPROVAL NUMBER AND BUILDING SERIAL NUMBERS.

SCOPE OF WORK DISTRICT (ALSO SEE GENERAL NOTES)

1. MARK EXISTING SPRINKLER AND YARD BOX LOCATIONS SO AS TO PREVENT DAMAGE WHEN CONTRACTOR INSTALLS BUILDINGS.
2. REMOVE AND REPLACE ALL FENCING AS REQUIRED FOR THE INSTALLATION OF THE BUILDINGS.
3. REMOVE AND ALTER LAWN SPRINKLERS AS REQUIRED.
4. REMOVE EXISTING PLANTS AND TREES AS REQUIRED FOR BUILDING INSTALLATION.
5. REMOVE VEGETATION FROM UNDER THE NEW BUILDINGS AND SPRAY WITH A NON-TOXIC KEEPER KILLER WHICH WILL NOT HARM THE INHABITANTS OF THE BUILDINGS.
6. REMOVE EXISTING PAVING AT NEW BUILDING LOCATION FOR FOUNDATION AND RAMP INSTALLATION.
7. REMOVE ALL VEGETATION, BUSHES, TREES, ETC., THAT INTERFERE WITH NEW WALKS AND UTILITIES. DISPOSE OF AT LOCAL DUMP.
8. HANDICAPPED ALTERATIONS TO ALL SITES INCLUDING TOILET ROOM ALTERATIONS, PARKING, SIGNAGE, CURB CUTS, DRINKING FOUNTAINS AND BARRIER FREE PATHS OF TRAVEL (AS NOTED).
9. SEE DRAWINGS FOR OTHER MISCELLANEOUS WORK TO BE DONE BY THE DISTRICT.
10. SEE GENERAL NOTES FOR REMAINDER OF WORK TO BE DONE AND PRECAUTIONS TO BE TAKEN BY THE GENERAL CONTRACTOR.

BUILDING CONTRACTOR (ALSO SEE GENERAL NOTES)

SCOPE OF WORK BUILDING CONTRACTOR (ALSO SEE GENERAL NOTES)

1. INSTALL ONE RELOCATABLE CLASSROOM BUILDING AS SHOWN IN THE CONTRACT DRAWINGS TO THE SITE INDICATED.
2. DISPOSE OF EXISTING DEBRIS AND CONSTRUCTION MATERIAL TO A LOCAL DUMP AS DIRECTED BY THE SCHOOL DISTRICT. COST OF DISPOSAL TO BE PAID FOR BY THE CONTRACTOR.
3. INSTALL NEW FOUNDATIONS, RAMPS AND RAILINGS AS SHOWN IN CONTRACT DRAWINGS. DISTRICT WILL CUT EXISTING CONCRETE OR A.C. PAVING FOR CONTRACTORS INSTALLATION OF NEW FOUNDATION SYSTEM.

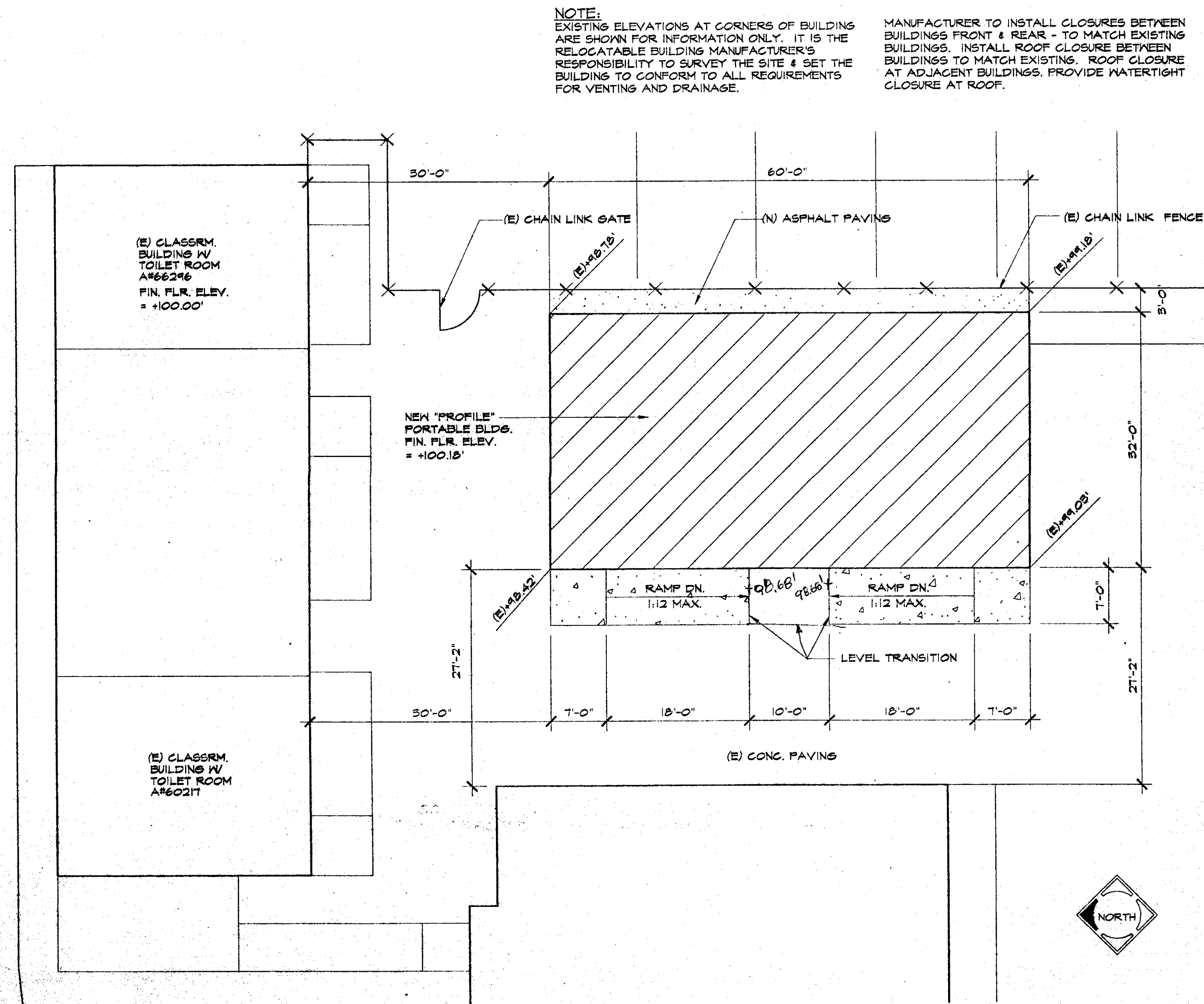
ELECTRICAL CONTRACTOR (ALSO SEE GENERAL NOTES)

SCOPE OF WORK ELECTRICAL CONTRACTOR (ALSO SEE GENERAL NOTES)

1. SEE ELECTRICAL DRAWINGS FOR SCOPE OF WORK.
2. ALL ELECTRICAL WORK & SMOKE DETECTOR WORK TO THE BUILDING IS BY THE DISTRICT OR DISTRICT ELECTRICAL CONTRACTOR.
3. SITE ELECTRICAL WORK AND HOOK-UP TO THE BUILDING FOR A COMPLETE OPERATIONAL SYSTEM IS THE WORK OF THE ELECTRICAL CONTRACTOR AS SHOWN ON THE CONTRACT DRAWINGS.
4. FIRE DETECTION SYSTEM AND SIGNALING SYSTEM IS BY THE ELECTRICAL CONTRACTOR.
5. GROUNDING OF BUILDINGS IS BY ELECTRICAL CONTRACTOR.
6. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL WORK.
7. CO-ORDINATE ALL WORK WITH PAVING CONTRACTOR.
8. DRYWELL AND PIPING INSTALLATION BY ELECTRICAL CONTRACTOR.
9. UTILITY INSTALLATION-SANICUT EXISTING PAVING AS REQUIRED FOR UTILITY INSTALLATIONS. PATCH WITH IDENTICAL MATERIAL, MATCH EXISTING THICKNESSES AND FINISHES. AT TURF AND DIRT AREAS, EXCAVATE TO PROPER DEPTH, FILL, COMPACT AND REPLACE WITH TURF TO MATCH EXISTING.

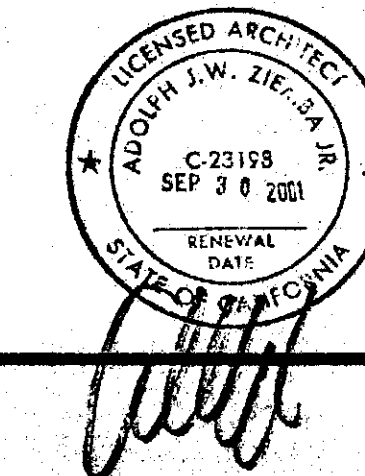
GENERAL NOTES

1. THIS PROJECT IS DIVIDED INTO THREE PARTS. 1. WORK PERFORMED BY THE SCHOOL DISTRICT -2. WORK PERFORMED BY THE BUILDING CONTRACTOR -3. WORK PERFORMED BY THE ELECTRICAL CONTRACTOR. SEE THE APPLICABLE SCOPE OF WORK FOR CONSTRUCTION TO BE ACCOMPLISHED. THE GENERAL STRUCTURAL, ARCHITECTURAL, AND ELECTRICAL NOTES ARE A 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 PROSECUTION OF THIS WORK. THE BID SHALL INCLUDE THE COST OF THE RESOLUTION OF ALL PROBLEMS INVOLVED INCLUDING COORDINATION OF PORTIONS OF WORK WITH OTHER SUB-CONTRACTORS AND THE DISTRICT WHICH DIRECTLY RELATE AND MUST PROPERLY INTERFACE.
3. UPON AWARD OF CONTRACT, BUILDING CONTRACTOR SHALL SECURE THE PROJECT AREA SO THAT NO UNAUTHORIZED PERSONNEL OR CHILDREN WILL BE NEAR THE BUILDING OR ADJACENT CONSTRUCTION AREA.
4. CONTRACTOR TO FOLLOW PROVISIONS OF PARTS 1&2 CALIFORNIA CODE OF REGULATIONS.
5. CONTRACTOR TO COMPLY WITH ALL APPLICABLE SAFETY LAWS; OSHA, CAL OSHA, ETC.
6. THE DISTRICT CONTACT PERSON IS BECKY MCBRIDE, ROWLAND UNIFIED SCHOOL DISTRICT, 1018 OTTERBEIN, ROWLAND HEIGHTS, CA 91748 (626) 912-0665.
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 BUILDINGS OVER THE ROADWAYS SHALL BE PAID FOR BY THE CONTRACTOR.
9. CONTRACTOR SHALL REPAIR ALL EXISTING WORK DAMAGED IN DELIVERY OF BUILDING TO THE SATISFACTION OF THE DISTRICT AND THE OFFICE OF STATE ARCHITECT.
10. THE DISTRICT SHALL PROVIDE THE CONTRACTOR WITH UTILITIES FOR HIS PORTION OF THE WORK AND TOILET FACILITIES.
11. IT'S THE CONTRACTORS 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 THE CONTRACTOR.
12. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SECURING HIS EQUIPMENT, SUPPLIES, TOOLS, ETC.
13. DETAILS MARKED TYPICAL 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 SAID TITLE 24, C.C.R. A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK WILL BE SUBMITTED TO AND APPROVED BY THE OFFICE OF STATE ARCHITECT BEFORE PROCEEDING WITH THE
16. AT CONCLUSION OF HIS OPERATIONS, CONTRACTOR TO LEAVE SITE CLEAN TO THE SATISFACTION OF THE DISTRICT.
17. THE RELOCATABLE CLASSROOM BUILDING IS SUPPORTED ON A TEMPORARY FOUNDATION. IT WILL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT TO MAINTAIN PROPER DRAINAGE AROUND THE BUILDING. KILL PLANT VEGETATION UNDER THE STRUCTURE, PROVIDE PROTECTION FROM RODENTS, ETC. PERIODIC MAINTENANCE OF THE BUILDING AND FOUNDATION FOR DIVISION OF WORK TO BE PERFORMED BY EITHER OF THE CONTRACTORS OR SCHOOL DISTRICT PERSONNEL. SEE APPLICABLE SCOPE OF WORK.
18. CONTRACTOR 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 LOCAL DUMP AT THE CONTRACTORS EXPENSE.
20. DETAILS MARKED TYPICAL ON DRAWINGS ARE INTENDED FOR TYPICAL CONDITIONS FOR THE ENTIRE PROJECT AND ARE TO APPLY WHERE SIMILAR CONDITIONS OCCUR.



PARTIAL SITE PLAN

SCALE: 1" = 10'-0"



IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APP: 03-123646 INC.
 REVIEWED FOR
 ACS FLS SS
 DATE: NOV. 17, 1999

DB-102932

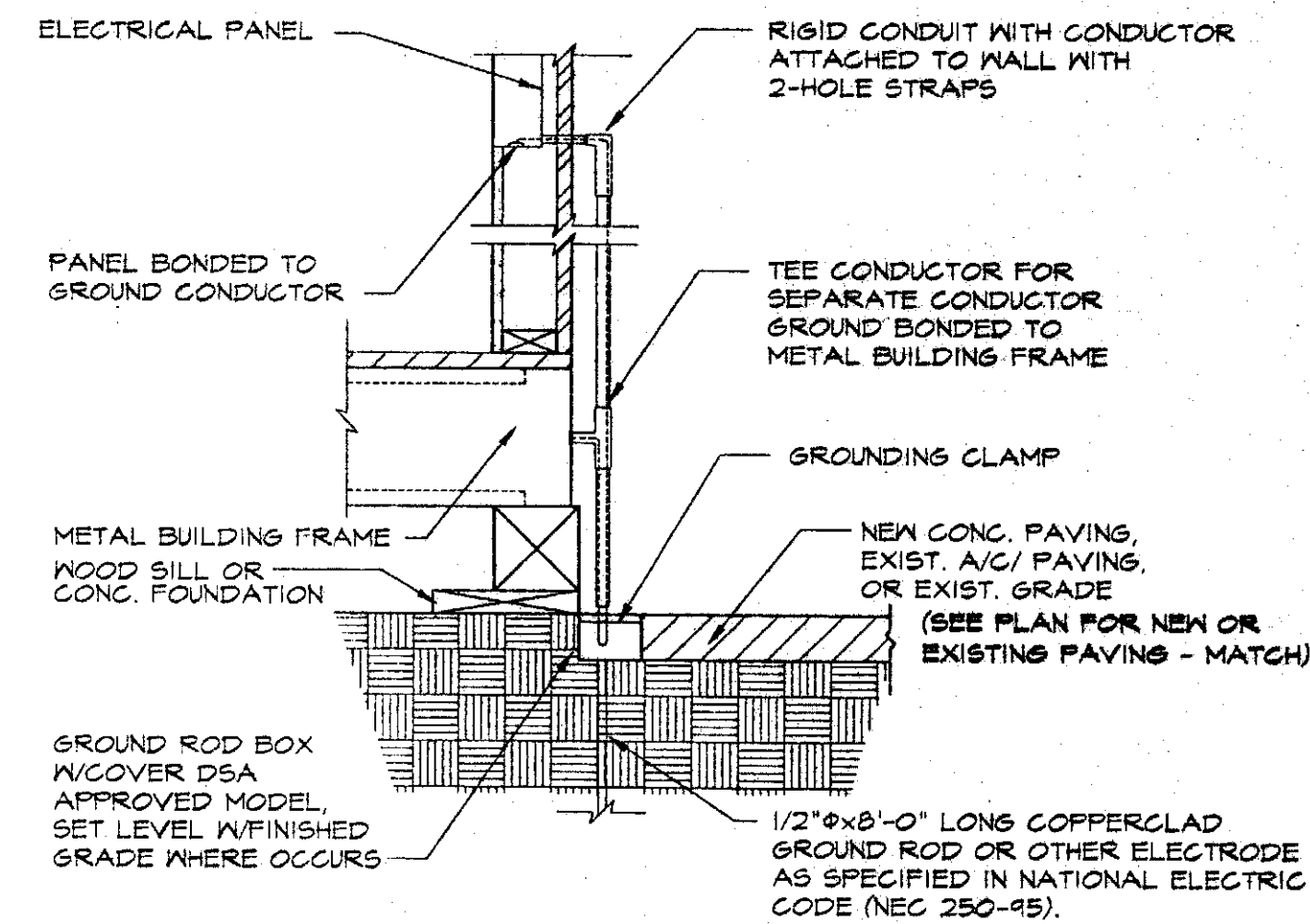
DATE: 06/22/99
 CHECKED BY: AZ
 DRAWN BY: TWG
 GENERAL NOTES/SCOPE OF WORK
 ADOLPH ZIEMBA, AIA & ASSOCIATES, INC.
 111 N. FIRST STREET, SUITE 204, IRVINE, CA 92614
 PHONE (949) 441-8800 FAX (949) 441-7788
 SANTANA CONTINUATION HIGH SCHOOL
 1006 OTTERBEIN STREET, ROWLAND HEIGHT, CA 91748
 ROWLAND UNIFIED SCHOOL DISTRICT
 1930 NOBLES ST., ROWLAND HEIGHT, CA 91748
 T = 9

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JAN 18 2000

ARCHITECTURAL NOTES

- EXIT DOORS ARE TO BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR EFFORT.
- ADJUST EXTERIOR DOOR CLOSER PRESSURE TO 0.5 LBS (BY DISTRICT).



- NOTE:
 1. SIZE OF CONDUCTORS SHALL COMPLY WITH NEC TABLE 650-45.
 2. BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL AND TO METAL BUILDING FRAME (NEC 850-45). IN ADDITION TO THE DETAIL SHOWN ABOVE, BOND THE ELECTRICAL GROUND TO METAL WATER PIPE EMBEDDED AT LEAST 10 FT. INTO THE SOIL IF AVAILABLE (NEC 850-45).
 3. ALL MODULES OF METAL FRAME BUILDING SHALL BE ELECTRICALLY BONDED TOGETHER (BOLTING ONLY IS NOT ACCEPTABLE BONDING).
 4. CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS WITH CONDUCTORS AS SHOWN, SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS (NEC 850-45).
 5. FIELD INSPECTOR SHALL WITNESS GROUNDING TEST.

TYP. BLDG. GROUNDING
 SCALE: 1"=1'-0"

STRUCTURAL NOTES

- ASTM DESIGNATIONS TO BE OF LATEST DATE ACCEPTABLE TO THE CHECKING AGENCY.
- DETAILS MARKED TYPICAL ON DRAWINGS ARE INTENDED TO SHOW TYPICAL CONDITIONS FOR THE ENTIRE PROJECT AND ARE TO APPLY WHERE SIMILAR CONDITIONS OCCUR.
- FRAMING CONDITIONS NOT SPECIFICALLY SHOWN SHALL BE FRAMED SIMILAR TO TYPICAL DETAILS AS SHOWN FOR RESPECTIVE MATERIALS.

INSPECTION AND TESTING

- COPIES OF THE REPORTS FOR ALL REQUIRED TESTS AND INSPECTIONS TO BE SENT TO THE ARCHITECT.
- CONCRETE BATCH PLANT INSPECTION IS NOT REQUIRED PER CALIFORNIA CODE OF REGULATIONS, TITLE 24, SECTION 2626(E)(2). THE QUANTITIES OF MATERIALS FOR CONCRETE SHALL BE CERTIFIED BY A LICENSED MEASURER AND A COPY OF HIS REPORT SHALL BE SENT TO THE ARCHITECT AND DIVISION OF STATE ARCHITECT.
- PROVIDE CONCRETE TEST CYLINDERS PER CALIFORNIA CODE OF REGULATIONS, TITLE 24, SECTION 2626(E)(2) AND DIVISION OF STATE ARCHITECT INTERPRETIVE REGULATIONS.
- FOR ADDITIONAL TESTS AND INSPECTIONS, SEE T & I LIST.
- CONCRETE MIX DESIGNS SHALL BE PAID FOR BY THE CONTRACTOR AND SHALL BE PROCESSED AS A CHANGE ORDER AT THE CONTRACTOR'S EXPENSE.
- TESTING LAB TO BE SELECTED AND PAID FOR BY DISTRICT.

SOIL DATA

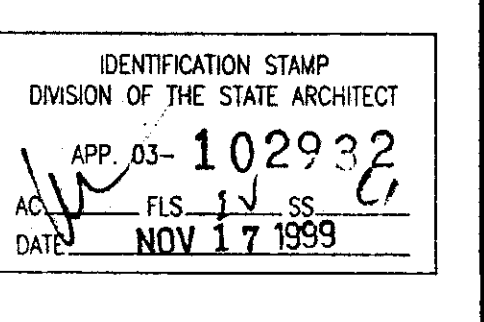
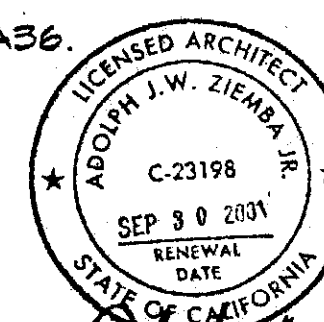
DESIGN SOIL BEARING PRESSURE IS 1000 PSF.

CONCRETE

- CONCRETE TO BE 3000 PSI (DESIGNED FOR 2000 PSI) AT 28 DAYS PER TABLE NO. 19A-A-7, METHOD A PER CCR SEC. 1905A.2.3 MAX SLUMP: 5".
- CEMENT: TEXTED, TYPE I PORTLAND, ASTM-C150, 7.1 SACKS OF CEMENT PER CUBIC YARD.
- AGGREGATES: ASTM-C33, MAXIMUM SIZE 1", GRADATION SHALL CONFORM TO THE REQUIREMENTS OF TABLE NO. 19A-1, CALIFORNIA CODE OF CEMENT. (NO PEA GRAVEL MIX.)
- WATER: DOMESTIC SUPPLY WITH 6.0 GALLONS MAXIMUM PER SACK OF CEMENT.
- REINFORCING STEEL TO BE BILLET STEEL, CLEAN AND UNRUSTED, ASTM-615, GRADE 60.
- LAPPED SPLICES TO HAVE A 36 DIAMETER LAP WITH 2'-0" MINIMUM UNLESS NOTED OTHERWISE.
- REINFORCING STEEL CLEARANCES (UNLESS NOTED OTHERWISE):
 - A. FOOTINGS
 - 1. POURED AGAINST EARTH.....3"
 - 2. FORMED SURFACE.....2"
 - B. WALLS
 - 1. #3 AND #4 AND #5 BARS.....1-1/2"
 - 2. SURFACES IN CONTACT WITH SOIL.....2"

STEEL

- PIPE COLUMNS SHALL CONFORM TO ASTM A53, TYPE E OR S GRADE B, ASTM A500 GRADE B, OR ASTM A501.
- WELDING BY ELECTRIC-ARC PROCESS BY QUALIFIED AND CERTIFIED WELDER USING E70 ELECTRODES AS PER ASTM A233.
- SUBMIT SIX SETS OF SHOP DRAWINGS FOR GUARDRAILS AND HANDRAILS FOR REVIEW PRIOR TO FABRICATION.
- STEEL IN CONTACT WITH SOIL SHALL BE PROTECTED WITH A MINIMUM OF 4" OF CONCRETE.
- STRUCTURAL STEEL: ASTM A36.



JAN 18 2000

CHECKED BY: AZ
 DRAWN BY: T.W.
 DATE: 04/20/99
 NO.: 440303

REVISION BY: []
 DATE: []

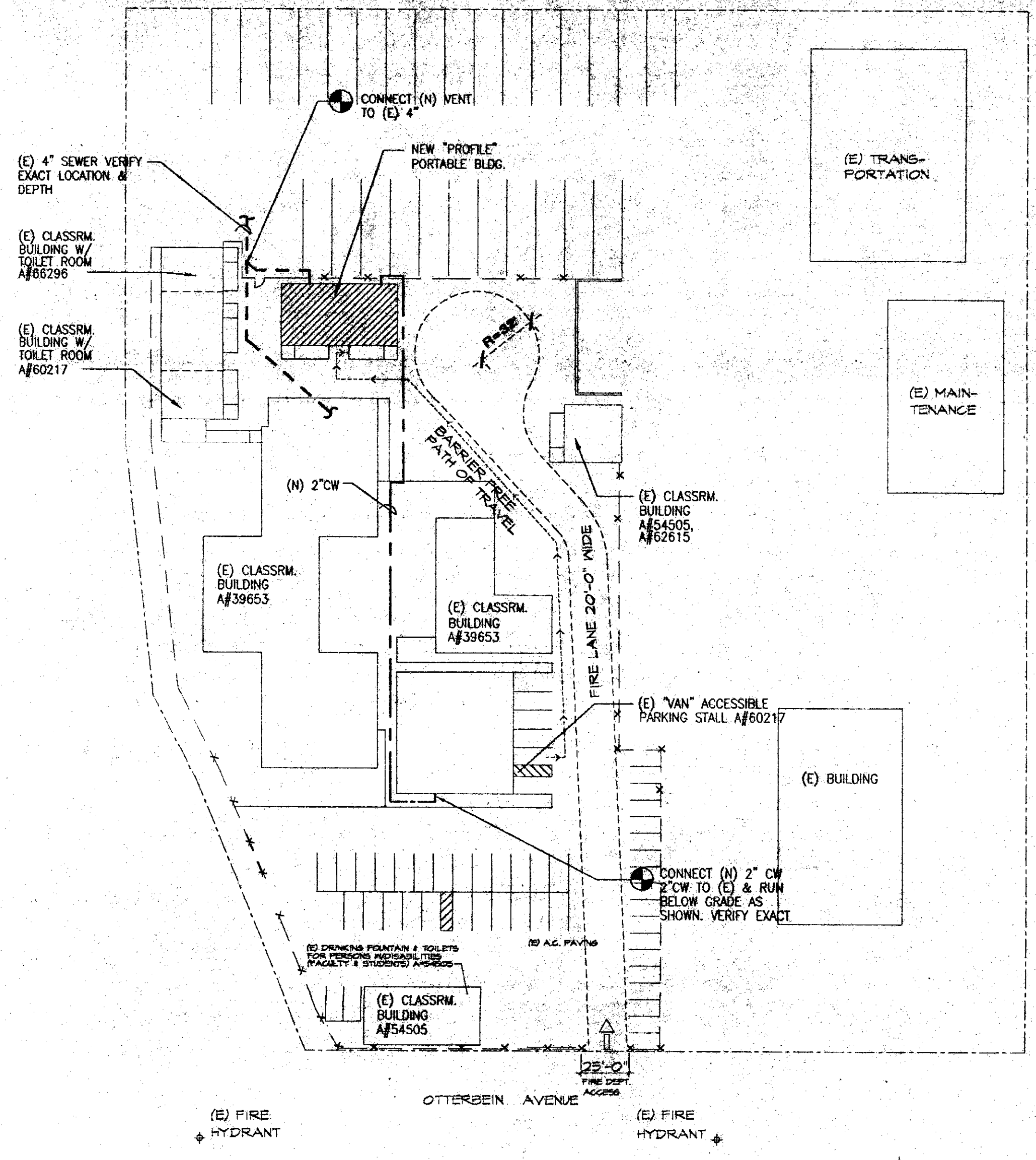
NO.	DATE	REVISION

TITLE SHEET, VICINITY MAP, INDEX OF DRAWINGS, SITE PLAN
ADOLPH ZIEMRA, AIA & ASSOCIATES, INC.
 111 N. FIRST STREET, SUITE 204, BUBBANK, CA 91002
 PHONE (916) 941-9888 FAX (916) 941-7728

SANTANA CONTINUATION HIGH SCHOOL
 100% OTTERBEIN STREET, ROLAND HEIGHT, CA 91746
 ROLAND UNIFIED SCHOOL DISTRICT
 1250 NOGALES ST., ROLAND HEIGHT, CA 91746

T-3

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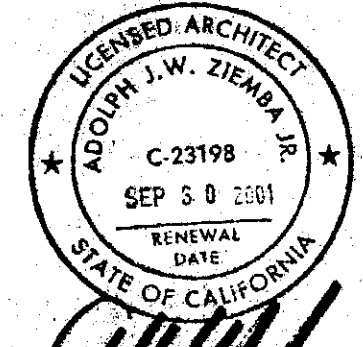
PARTIAL SITE PLAN

SCALE: 1" = 50' - 0"



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IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 102932
 AC: [Signature]
 DATE: NOV 17 1999



COMEAU ENGINEERS INC.
 CONSULTING MECHANICAL ENGINEERS
 2900 RIVERSIDE DRIVE, SUITE #1
 LOS ANGELES, CA 90039-2013
 (TEL.) 323 665-5946
 (FAX) 323 665-1478

CHECKED BY	DATE
DRAWN BY	11-10-14
DESIGNED BY	JOB NO:
PREPARED BY	910925

NO.	DATE	REVISION	BY

PARTIAL SITE PLAN
 SANTANA CONTINUATION HIGH SCHOOL
 606 OTTERBEIN STREET, ROWLAND HEIGHT, CA 91745
 ROWLAND UNIFIED SCHOOL DISTRICT
 850 NOGALES BL., ROWLAND HEIGHT, CA 91745

P-1

JAN 18 2000

DESIGNED BY ADOLPH ZIEMBA, M.A.S. REGISTERED MECHANICAL ENGINEER, NO. C-23198, STATE OF CALIFORNIA. ALL WORK SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND CONDITIONS OF THE CONTRACT AND THE CONDITIONS OF THE SPECIFICATIONS FOR ALL DIMENSIONS OF THE WORK. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS OF THE WORK. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS OF THE WORK. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS OF THE WORK.

PLUMBING ROUGH-IN SCHEDULE							
SYMBOL	FIXTURE	W	T	V	CW	HW	REMARKS
WC 1	WATER CLOSET	4"	INT.	2"	1"	-	FLOOR MTD. FLUSH VALVE, 1.6 GPF, ADA-COMPLIANT
L 1	LAVATORY	2"	1 1/2"x1 1/4"	2"	1/2"	1/2"	WALL HUNG W/ CONCEALED ARM SUPPORT
S 1	SINK, KITCHEN	2"	2"	2"	1/2"	1/2"	
S 2	SINK, NURSE	2"	2"	2"	1/2"	1/2"	
FD 1	FLOOR DRAIN	2"	2"	1 1/2"	-	-	W/ TRAP PRIMER
HB 1	HOSE BIBB	-	-	-	3/4"	-	RECESSED W/ VACUUM BREAKER & LOOSE KEY
TP 1	TRAP PRIMER	-	-	-	1/2"	-	INSTALL ON FLUSH VALVE TAILPIECE
PRV 1	PRESS. REDUCING VALVE	-	-	-	2"	-	

EQUIPMENT SCHEDULE

WATER CLOSET-MARK WC-1: AMERICAN STANDARD MADERA AQUAMETER MODEL #3043.102, 1.6 GPF TOILET. FIT WITH SLOAN ROYAL III FLUSH AND OLSONITE 95 FRONT SEAT LESS COVER.

LAVATORY-MARK L-1: AMERICAN STANDARD 0355.012 LUCERNE WALL HUNG 20"x18" VITREOUS CHINA LAVATORY WITH A ZURN OR SMITH CONCEALED ARM SUPPORT, FITTED W/ A SYMONS SCOT S-60-GAH-IPS METERING FAUCET, A PAIR OF 1/2" ANGLE SUPPLIES WITH STOPS AND FLEXIBLE RISERS AND A 1 1/4x1 1/4 P TRAP.

KITCHEN SINK-MARK S-1: JUST MODEL DL-ADA-1933-A-GR 19"x33"x6.5" DEEP TOP MOUNT DOUBLE (EQUAL) COMPARTMENT SINK WITH J-ADA-35 DRAIN SYSTEM FOR CENTER REAR DRAIN LOCATION. FIT WITH AMERICAN STANDARD RELIANT MODEL 4205-400 FAUCET, BASKET STRAINER AND IN-SINK-ERATOR CLASSIC 1HP STAINLESS STEEL GARBAGE DISPOSAL.

NURSE SINK-MARK S-2: JUST MODEL SL-1921-B-GR WITH JTR-51-W FAUCET AND J-35-SSF DRAIN, 20 GA STAINLESS STEEL 19"x21" W/ 14"x18"x7" DEEP INTERIOR DIMENSION. FIT WITH T&P VALVE, SET IN PAN.

WATER HEATER-MARK WH-1: RHEEM MODEL 81VP65.6 GALLON, 120V, 2000 WATTS. FIT WITH T&P VALVE, SET IN PAN.

FLOOR DRAIN-MARK FD-1: ZURN 2-400, 2" WITH TRAP PRIMER CONNECTION.

HOSE BIBB-MARK HB-1: CHICAGO NO. 387LF, LOOSE KEY, W/ VACUUM BREAKER, 3/4" SIZE.

TRAP PRIMER-MARK TP-1: PPP OR SLOAN.

PRESSURE REDUCING VALVE-MARK PRV-1: WILKINS 500 SERIES, 2"

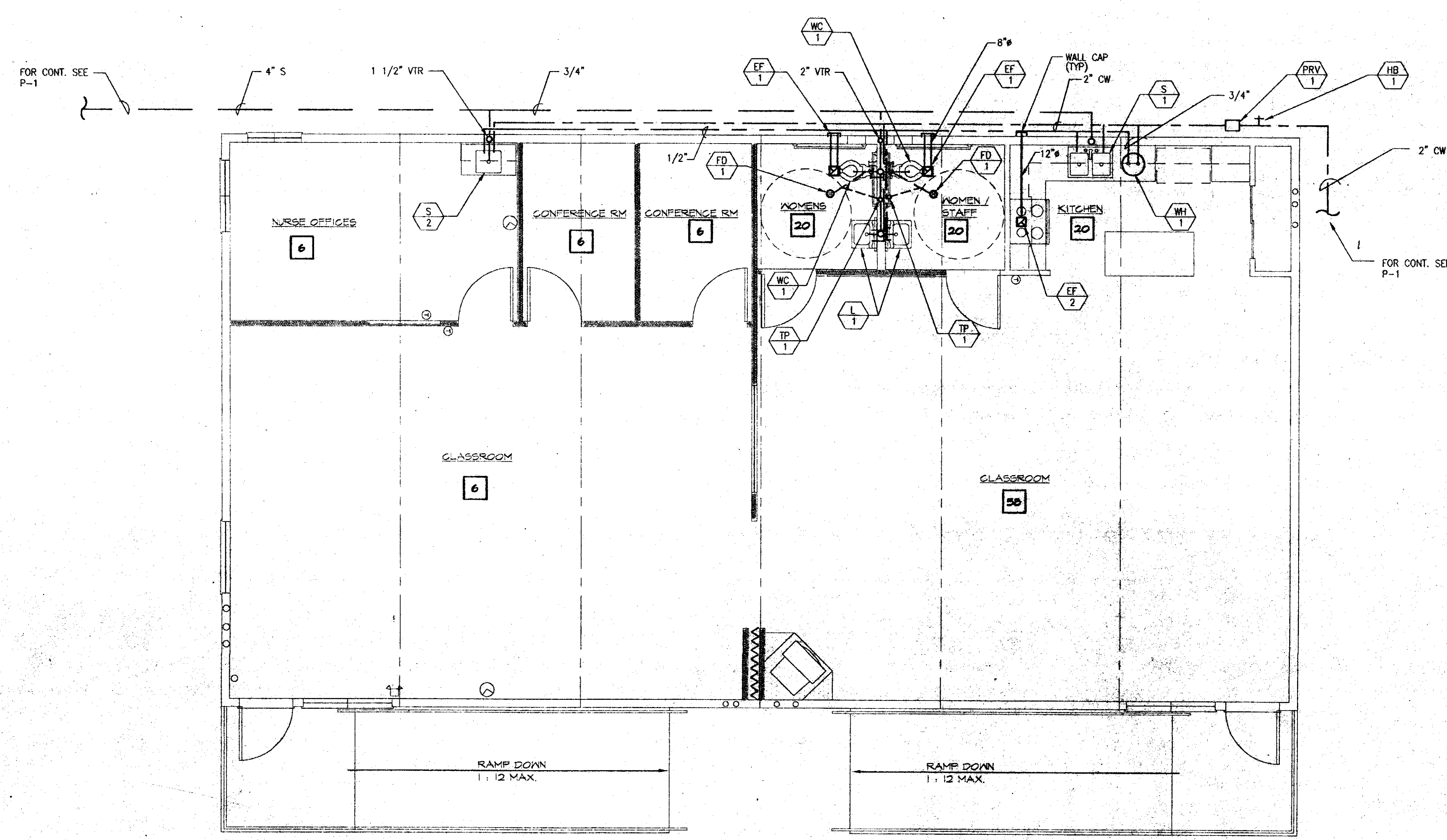
TOILET EXHAUST FAN-MARK EF-1: GEMINI MODEL GC340, 135 WATTS, 120V 232 CFM AT .125" SP. WITH 2CG-2 WALL CAP, CONNECT TO LIGHT SWITCH CIRCUIT.

EXHAUST FAN OVER RANGE-MARK EF-2: GEMINI MODEL GC640, 350 WATT, 120V, 500 CFM @ .125" SP WITH MODEL FSC VARIABLE SPEED CONTROLLER & WCG-6 WALL CAP.

MATERIALS:

HOT & COLD WATER : TYPE K HARD DRAIN COPPER WITH LEAD-FREE JOINTS.

WASTE & VENT: CAST IRON NO. HUB



FLOOR PLAN

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 102932
 DATE: NOV 17 1998

ADOLPH J.W. ZIEMBA
 ARCHITECT
 C-23178
 SEP 3 8 2001
 STATE OF CALIFORNIA

PROFESSIONAL ENGINEER
 MECHANICAL
 STATE OF CALIFORNIA
 NO. 10000
 EXP. 08-01-01

DOMEAU ENGINEERS INC.
 CONSULTING MECHANICAL ENGINEERS
 2900 RIVERSIDE DRIVE, SUITE #1
 LOS ANGELES, CA 90039-2013
 (TEL.) 323 665-5946
 (FAX) 323 665-1478

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

DATE: 08/11/00
 JOB NO: 980423

CHECKED BY: AZ
 DRAWN BY: FL
 DESIGNED BY: AZ
 PREPARED BY: AZ

REVISION

NO. DATE BY

FLOOR PLAN

SANTANA ALTERNATIVE
 EDUCATION CENTER
 ROKLAND UNIFIED SCHOOL DISTRICT
 1850 NOGALES ST., ROKLAND HEIGHT, CA 94745

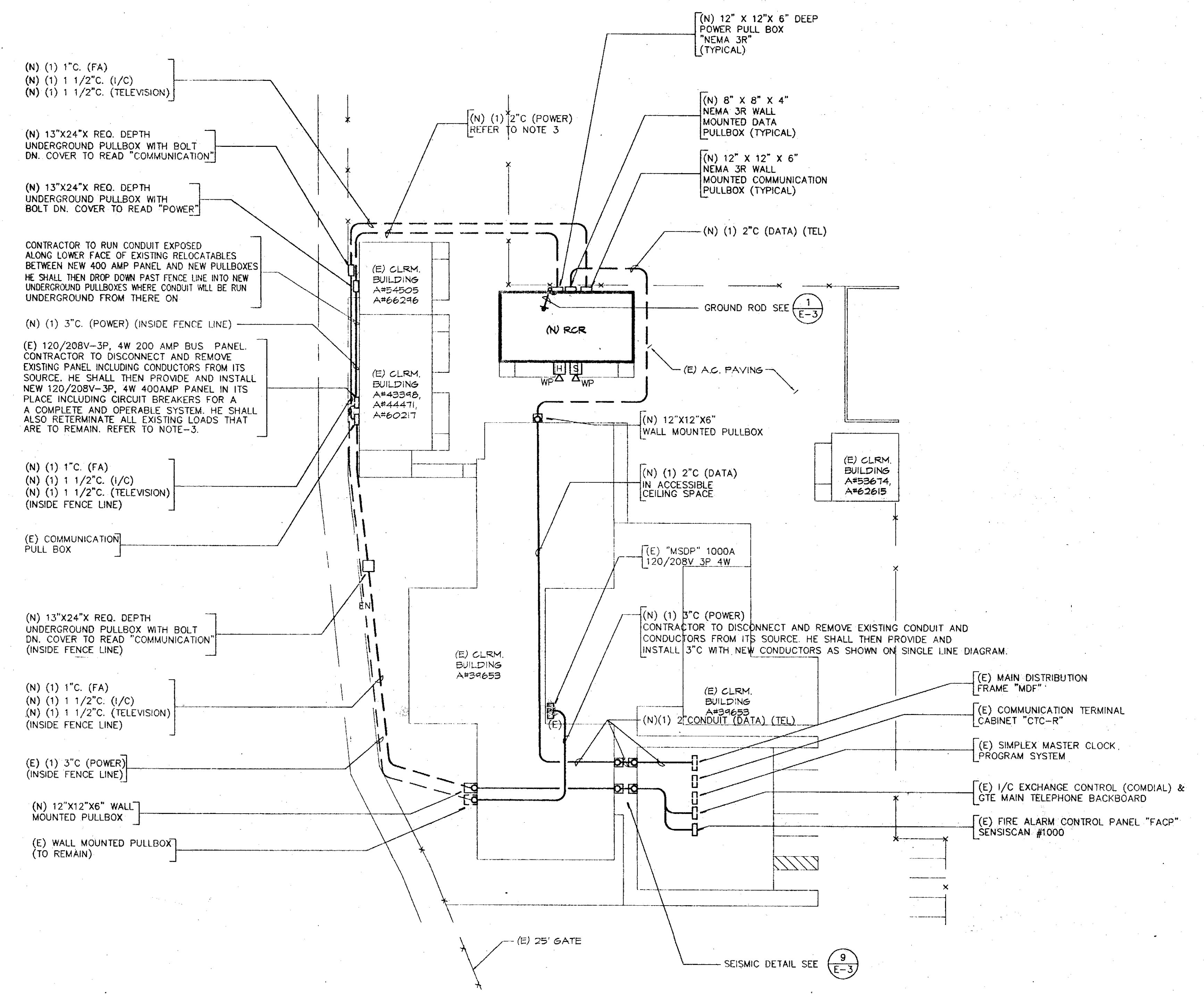
ADOLPH ZIEMBA, AIA & ASSOCIATES, INC.
 111 N. FIRST STREET, SUITE 304, BERKLEY, CA 94708
 PHONE (415) 841-6868 FAX (415) 841-7708

DESIGNED BY: AZ
 DRAWN BY: FL
 CHECKED BY: AZ
 DATE: 08/11/00

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

JAN 18 2000

1. 1997-Santana Proj. (RUS) VP Jan 19-21/00 Fri. Nov. 12, 19:46:05, 1999



(N) (1) 1\"/>

(N) 13\"/>

(N) 13\"/>

CONTRACTOR TO RUN CONDUIT EXPOSED ALONG LOWER FACE OF EXISTING RELOCATABLES BETWEEN NEW 400 AMP PANEL AND NEW PULLBOXES HE SHALL THEN DROP DOWN PAST FENCE LINE INTO NEW UNDERGROUND PULLBOXES WHERE CONDUIT WILL BE RUN UNDERGROUND FROM THERE ON

(N) (1) 3\"/>

(E) 120/208V-3P, 4W 200 AMP BUS PANEL. CONTRACTOR TO DISCONNECT AND REMOVE EXISTING PANEL INCLUDING CONDUCTORS FROM ITS SOURCE. HE SHALL THEN PROVIDE AND INSTALL NEW 120/208V-3P, 4W 400AMP PANEL IN ITS PLACE INCLUDING CIRCUIT BREAKERS FOR A COMPLETE AND OPERABLE SYSTEM. HE SHALL ALSO RE-TERMINATE ALL EXISTING LOADS THAT ARE TO REMAIN. REFER TO NOTE-3.

(N) (1) 1\"/>

(E) COMMUNICATION PULL BOX

(N) 13\"/>

(N) (1) 1\"/>

(E) (1) 3\"/>

(N) 12\"/>

(E) WALL MOUNTED PULLBOX (TO REMAIN)

(N) (1) 2\"/>

(N) 12\"/>

(N) 8\"/>

(N) 12\"/>

(N) (1) 2\"/>

(E) A.C. PAVING

(N) 12\"/>

(N) (1) 2\"/>

(E) 120/208V-3P, 4W 1000A

(N) (1) 3\"/>

(E) CLRM. BUILDING A#3#653

(N) (1) 2\"/>

(E) WALL MOUNTED PULLBOX

(E) 25' GATE

SEISMIC DETAIL SEE 9 E-3

(E) MAIN DISTRIBUTION FRAME "MDF"

(E) COMMUNICATION TERMINAL CABINET "CTC-R"

(E) SIMPLEX MASTER CLOCK PROGRAM SYSTEM

(E) 1/C EXCHANGE CONTROL (COMDIAL) & GTE MAIN TELEPHONE BACKBOARD

(E) FIRE ALARM CONTROL PANEL "FACP" SENSISCAN #1000

NOTES

- REFER TO DRAWING E-2 FOR GENERAL NOTES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND VERIFYING THE EXACT LOCATION OF THE "POWER" PULL BOX AND "COMMUNICATIONS" PULL BOX FOR THE PROPER INTERFACE WITH THE UNDERGROUND CONDUIT STUB-UPS.
- REFER TO THE SINGLE LINE DIAGRAM FOR POWER CONDUIT SIZE AND WIRE QUANTITIES.
- REFER TO DRAWING E-2 FOR CLASSROOM COMMUNICATIONS CONDUIT DISTRIBUTION AND REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK ASSOCIATED WITH THE EXPANSION OF THE FIRE ALARM SYSTEM AND THE INTERCOM SYSTEM WITH THE PARTICULAR SYSTEMS MANUFACTURERS REPRESENTATIVE AND PROVIDED REQUIRED SYSTEM HARDWARE AND SOFTWARE FOR A FULLY OPERABLE SYSTEM EXPANSION.
- WHERE EXISTING CONDUIT STUB-OUTS ARE TO BE INTERCEPTED, THE CONTRACTOR SHALL VERIFY THE ACTUAL ROUTING OF THE EXISTING CONDUITS AND DETERMINE THE ACTUAL POINT OF INTERCEPTION IN THE FIELD.
- CONDUIT AND WIRE INDICATED ON THE SINGLE LINE DIAGRAM, WHETHER SHOWN ON THIS DRAWING OR NOT, SHALL BE A PART OF THIS CONTRACT AND THE RESPONSIBILITY OF THIS CONTRACTOR TO PROVIDE REQUIRED ROUTING TO MEET THE INTENT OF THESE PLANS AND SPECIFICATIONS.
- CONDUIT ROUTING ON PLAN IS SHOWN DIAGRAMMATIC. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE EXACT CONDUIT ROUTING WITH OTHER TRADES TO AVOID INTERFERENCES WITH BUILDING FOOTINGS, EXISTING UTILITIES AND UNDERGROUND WORK BY OTHER TRADES.
- THE CONTRACTOR SHALL NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE FIELD VERIFIED.
- IT SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY FOR ALL TRENCHING, BACKFILLING, SAW CUTTING AND REFINISHING OF SURFACES (FINISHES TO MATCH EXISTING).
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN REQUIRED CLEARANCES BETWEEN UNDERGROUND ELECTRICAL CONDUITS AND FOOTINGS. CONDUIT STUB-UPS SHALL NOT BE INSTALLED IN FOOTINGS. EXACT METHOD FOR STUBBING-UP AND PROGRAMMING OF THE FIRE ALARM AND INTERCOM SYSTEMS FOR A COMPLETE AND FULLY OPERABLE SYSTEM.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY WIRING BACK TO THE MAIN INTERCOM SYSTEM AND FIRE ALARM SYSTEM. HE SHALL PROVIDE REQUIRED MODULES/CARDS AND PROGRAMMING OF THE FIRE ALARM SYSTEM AND INTERCOM SYSTEM FOR A COMPLETE AND FULLY OPERABLE SYSTEM.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL A NEW CIRCUIT BREAKERS OF THE RATING INDICATED ON THE SINGLE LINE DIAGRAM TO MATCH IN EXISTING MANUFACTURER, FUNCTION AND SHORT CIRCUIT DUTY. THE NEW CIRCUIT BREAKERS SHALL BE COMPLETE WITH ALL REQUIRED MOUNTING HARDWARE.
- THE CONTRACTOR SHALL COORDINATE IN THE FIELD EXACT LOCATION OF PENETRATIONS OF ALL NEW CONDUIT(S) FOR THE SIGNAL AND COMMUNICATIONS SYSTEM. ALL CONDUIT SHALL BE ROUTED CONCEALED, IF SURFACE MOUNTING APPLICATION APPLIES. THIS SHALL BE COORDINATED AND REVIEWED WITH THE OWNER AND ENGINEER PRIOR TO INSTALLATION.

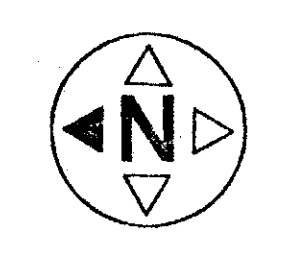
REVISIONS	BY

ADOLPH ZIEMBA, AIA & ASSOCIATES
 ARCHITECTS
 111 North First Street, Suite 204, Burbank, CA. 91504
 PHONE: (818) 841-2565 FAX: (818) 841-7782

ROWLAND UNIFIED SCHOOL DISTRICT
 108 Otterbein Street, Rowland Heights, Ca. 91748

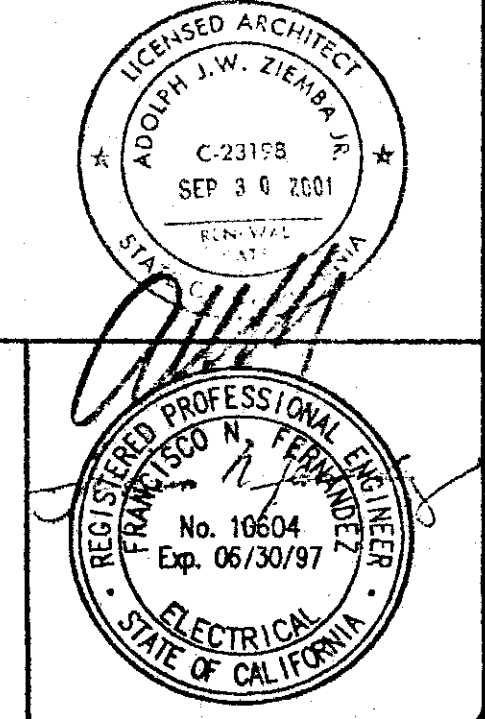
SANTANA HIGH SCHOOL
 1006 Otterbein Ave. Rowland Heights

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DATE	
SCALE	NONE
JOB NO.	
FILE NAME	P:1535/1535.1
SHEET	E-1
OF	5 SHEETS



SCALE: 1"=30'-0" 1

CWA & ASSOCIATES, INC.
 Electrical Planning • Engineering • Design • Studies
 9620 Center Avenue, Suite 100
 Rancho Dominguez, CA 91730
 800-31-940-2723



JAN 18 2000

SITE PLAN - SANTANA HIGH SCHOOL

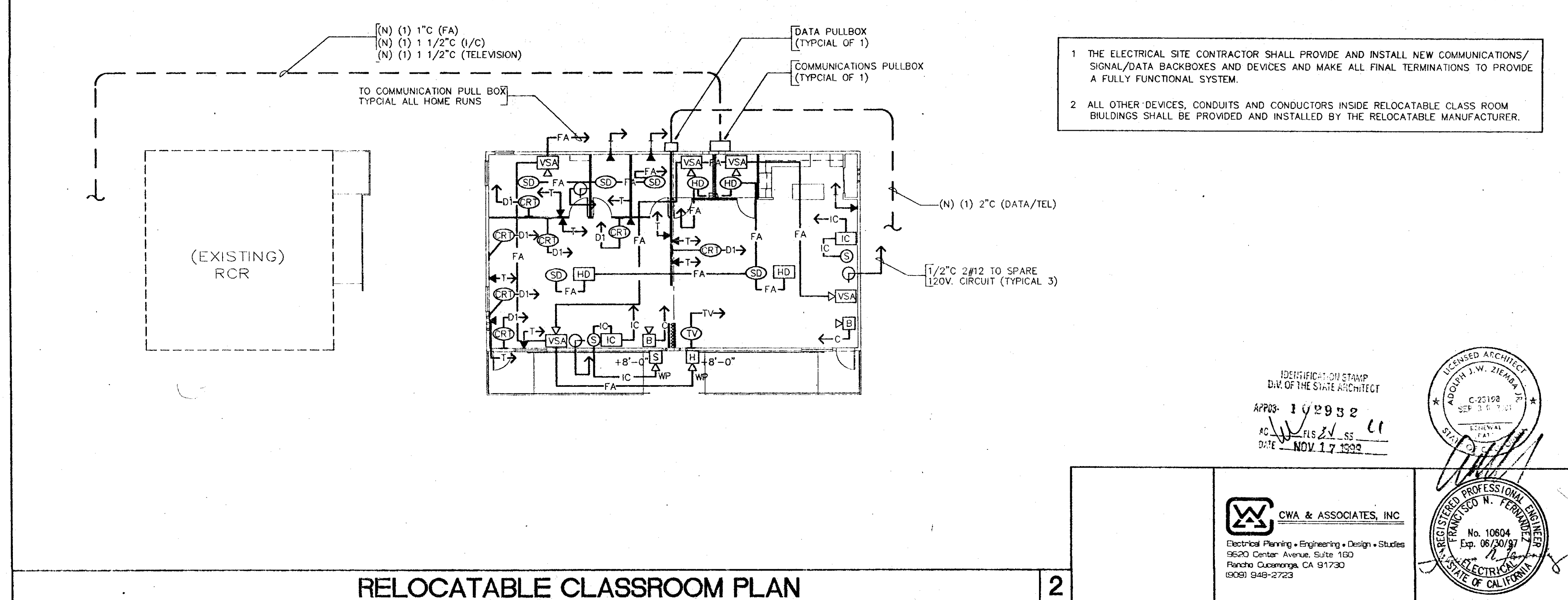
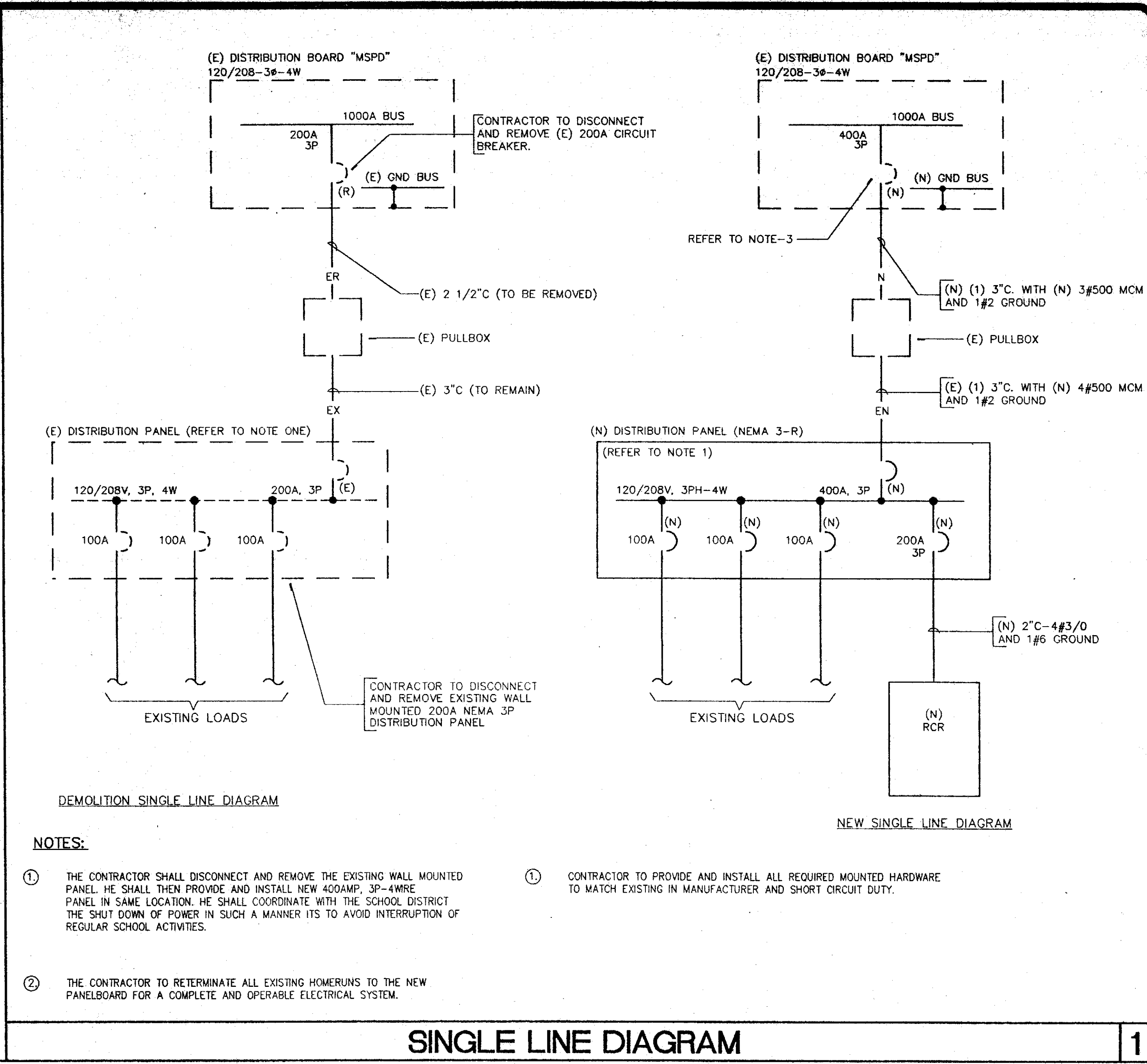
GENERAL NOTES

- ALL COMMUNICATIONS WORK SHALL BE COORDINATED WITH THE COMMUNICATION SYSTEMS EQUIPMENT MANUFACTURER AND THE SCHOOL DISTRICT MAINTENANCE DEPARTMENT PRIOR TO ROUGH-IN AND INSTALLATION OF ANY AND ALL COMMUNICATION SYSTEM DEVICES AND RELATED CONDUIT AND WIRE.
- THE CONTRACTOR SHALL SECURE AND PAY FOR PERMITS AND FEES NECESSARY FOR EXECUTION AND COMPLETION OF ELECTRICAL WORK, INCLUDING ALL CHARGES BY THE LOCAL GOVERNMENT AGENCIES AND THE UTILITY COMPANIES.
- ALL OUTLET LOCATIONS SHALL BE COORDINATED WITH ARCHITECTURAL ELEVATIONS PRIOR TO INSTALLATION.
- SEE SINGLE LINE DIAGRAM FOR CONDUIT AND CONDUCTOR SIZES, PANELS, TRANSFORMERS, MOTOR CONTROL CENTERS, MECHANICAL EQUIPMENT, ETC. HOMERUNS TO PANELS MAY NOT BE SHOWN ON PLANS BUT ARE PART OF THIS CONTRACT.
- EXACT LOCATION OF ALL DEVICES SHALL BE AS INDICATED ON THE ARCHITECTURAL PLANS.
- UNLESS OTHERWISE NOTED, MOUNTING HEIGHTS INDICATED ON ELECTRICAL OUTLETS ARE FROM FINISHED FLOOR TO CENTER OF OUTLETS.
- NO CONDUIT SHALL BE RUN HORIZONTALLY IN CONCRETE FLOOR SLABS.
- ALL FINAL CONNECTIONS TO OWNER-FURNISHED EQUIPMENT SHALL BE MADE BY THIS CONTRACTOR.
- SCHOOL EQUIPMENT ANCHORAGE
 ALL MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE CRITERIA:
 FIXED EQUIPMENT ON GRADE 20% OF OPERATING WEIGHT
 EMERGENCY POWER EQUIPMENT ON 27% OF OPERATING WEIGHT
 EMERGENCY POWER EQUIPMENT ON GRADE 40% OF OPERATING WEIGHT
 EMERGENCY POWER EQUIPMENT ON STRUCTURE
 FOR FLEXIBLY MOUNTED EQUIPMENT, USE 4 X THE ABOVE VALUES. SIMULTANEOUS VERTICAL FORCE - USE 1/3 X HORIZONTAL FORCE.
 WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ELECTRICAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE OFFICE OF THE STATE ARCHITECT.
- USE OF POWER DRIVEN CONCRETE FASTENERS:
 USE OF POWER DRIVEN CONCRETE FASTENERS FOR TENSION LOADS IS LIMITED TO SUPPORT OF MINOR LOADS LIKE ACOUSTICAL CEILINGS, DUCT WORK, CONDUIT.
 ALLOWABLE LOADS - IN GENERAL, LOADS SHOULD BE LIMITED TO LESS THAN 100 POUNDS. HOWEVER, GREATER LOADS MAY BE PERMITTED FOR SPECIAL CASES WHEN APPROVED BY THE CHECKING SUPERVISOR OR FIELD ENGINEER.
 TESTING - THE OPERATOR, TOOL AND FASTENER SHALL BE PRE-QUALIFIED BY THE PROJECT INSPECTOR. HE SHALL OBSERVE THE TESTING OF THE FIRST 10 FASTENER INSTALLATIONS. A TEST "PULL-OUT" LOAD OF NOT LESS THAN TWICE THE DESIGN LOAD, OR 200 POUNDS, WHICHEVER IS GREATER, SHALL BE APPLIED TO THE PIN IN SUCH A MANNER AS NOT TO RESIST THE SPALLING TENDENCY OF THE CONCRETE SURROUNDING THE PIN. THEREAFTER, RANDOM TESTS UNDER THE PROJECT INSPECTOR'S SUPERVISION SHALL BE MADE OF APPROXIMATELY 1 IN 10 PINS, EXCEPT THAT WHEN THE DESIGN LOAD EXCEEDS 100 POUNDS, ONE HALF OF THE PINS SHALL BE TESTED. ALL INSTALLATIONS MUST BE TESTED AND UNFAIR PINS REPLACED.
 THESE REQUIREMENTS ARE TO BE NOTED ON THE PLANS, OR IN THE SPECIFICATIONS.
- PROOF LOAD TEST FOR EXPANSION, TYPE ANCHOR BOLTS (BOLTS MUST HAVE I.C.B.O. APPROVAL).
 ALL CONCRETE ANCHOR BOLT OF THE EXPANSION TYPE (LOADED IN EITHER PULLOUT OR SHEAR) SHALL HAVE 50 PERCENT OF THE BOLTS (ALTERNATE BOLTS IN ANY GROUP ARRANGEMENT) PROOF TESTED IN TENSION TO TWICE THE ALLOWABLE TENSION LOAD. IF THERE ARE ANY FAILURES, THE IMMEDIATELY ADJACENT BOLTS MUST THEN ALSO BE TESTED.

TYPE OF MATERIALS	TYPE OF TEST	BOLT DIAMETER	3/8"	1/2"	5/8"	3/4"
HARD ROCK	DIRECT PULL-TENSION	LBS.	1300	2000	2900	4300
	TORQUE WRENCH-TORQUE	FT.LBS.	25	50	110	150
CONCRETE	DIRECT PULL-TENSION	LBS.	970	1400	1950	2590
	TORQUE WRENCH-TORQUE	FT.LBS.	20	35	75	75
- ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE OWNER OR OTHERS AND THOSE SHOWN ON THE RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE OWNER BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PERTAINING THERETO AGREES TO ASSUME LIABILITY AND TO HOLD THE ENGINEER HARMLESS FOR ANY DAMAGES RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE ENGINEER, NOT INDICATED ON THE PUBLIC RECORDS EXAMINED, LOCATED AT VARIANCE WITH THAT REPORTED OR SHOWN ON RECORDS EXAMINED. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.
- THE CONTRACTOR SHALL VISIT THE SITE INCLUDING SPECIFICALLY ALL AREAS INDICATED ON THE DRAWINGS. HE SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THESE EXISTING CONDITIONS AND BY SUBMITTING A BID ACCEPTS CONDITIONS UNDER WHICH HE WILL BE REQUIRED TO PERFORM HIS WORK.
- SHUT DOWN OF EXISTING ELECTRICAL SYSTEMS WILL NOT BE ALLOWED. SCHEDULED SHUT DOWNS SHALL BE COORDINATED WITH THE SCHOOL DISTRICT 48 HOURS IN ADVANCE.
- THIS CONTRACTOR SHALL COORDINATE ALL COMPONENTS AND WIRING TYPES TO MATCH EXISTING INTERCOM AND FIRE SYSTEM WITH THE SCHOOL DISTRICT PRIOR TO BID. AND INCLUDE ALL COSTS FOR A COMPLETE OPERABLE SYSTEM EXPANSION.
- ALL EXPOSED CONDUIT SHALL BE PAINTED TO MATCH EXISTING FINISH.

ELECTRICAL SYMBOL LIST

SYMBOL	DESCRIPTION
	DASHED SYMBOL WITH "E" ADJACENT INDICATES EXISTING EQUIPMENT TO REMAIN.
	EXISTING CONDUIT AND CONDUCTORS TO REMAIN.
	EXISTING CONDUIT WITH NEW CONDUCTORS.
	CONDUIT RUN, CONCEALED IN CEILING, WALLS, OR UNDER FLOOR
	CONDUIT RUN EXPOSED.
	CONDUIT RUN UNDERGROUND.
	CROSS LINES ON CONDUIT RUNS INDICATED NUMBER #12 WIRES CONTAINED THEREIN. TWO #12 ARE INDICATED WHEN CROSS LINES ARE NOT SHOWN.
	CONDUIT HOME RUN TO PANELBOARD. LETTER AND NUMERALS INDICATE ELECTRICAL PANEL AND CIRCUIT NUMBER.
	JUNCTION BOX.
	WEATHERPROOF.
	MOLDED CASE CIRCUIT BREAKER (SINGLE LINE DIAGRAM).
	GROUND.
	FIRE ALARM CONDUIT, 3/4" C. WITH REQUIRED WIRING CONTAINED THEREIN.
	FIRE ALARM VISUAL STROBE ANNUNCIATOR, MOUNT AT +8'-8" OR 6" BELOW CEILING, WHICHEVER IS LOWER. FARADAY/FOS #5508L WITH 24V DC STROBE, TO MATCH EXISTING.
	BUZZER, #5482686, MODEL PAL-328, PIEZZO BUZZER, TO MATCH EXISTING.
	HEAT DETECTOR, ATIC MOUNTED, SPRINT #S83128 (CHEMTRON HEAT BUTTON #602) TO MATCH EXISTING.
	SMOKE DETECTOR, CEILING MOUNTED, SPRINT #S831311 WITH DS250TH WITH SB31312 BASE FOR DS250TH, TO MATCH EXISTING.
	FIRE ALARM EXTERIOR HORN (WEATHERPROOF).
	FIRE ALARM CONTROL PANEL FIRE LITE 1000 (EXISTING).
	INTERCOM HANDESET, TO MATCH EXISTING, MOUNT AT +48".
	TELEPHONE SYSTEM CONDUIT, 1/2" C. WITH REQUIRED CABLES THEREIN.
	DATA SYSTEM CONDUIT, 3/4" C. WITH REQUIRED CABLES THEREIN. (4 PAIR, CATEGORY 5, LEVEL 5, DATA CABLES)
	TELEVISION SYSTEM CONDUIT, 3/4" C. WITH REQUIRED CABLES THEREIN.
	INTERCOM SYSTEM CONDUIT, 3/4" C. WITH REQUIRED CABLES THEREIN.
	CLOCK SYSTEM CONDUIT, 1/2" C. UNLESS OTHERWISE NOTED.
	CLOCK AND BACKBOX, TO MATCH EXISTING.
	ALIAS SOUNDE MODEL E-13 (2-GANG BOX) WITH, ATLAS SOUNDE S-2003-3H SPEAKER PLATE, TO MATCH EXISTING.
	INTERCOM EXTERIOR SPEAKER AND BACKBOX (WEATHERPROOF), TO MATCH EXISTING.
	UNLESS OTHERWISE NOTED.
	CONDUIT ONLY.
	POINT OF INTERCEPTION.



REVISIONS	BY

ADOLPH ZIEMBA, AIA & ASSOCIATES ARCHITECTS
 111 North First Street, Suite 204, Burbank, CA, 91504
 PHONE: (818) 841-2585 FAX: (818) 841-7782

ROWLAND UNIFIED SCHOOL DISTRICT
 1018 Otterbein Street, Rowland Heights, Ca. 91748

SANTANA HIGH SCHOOL
 1006 Otterbein Ave. Rowland Heights

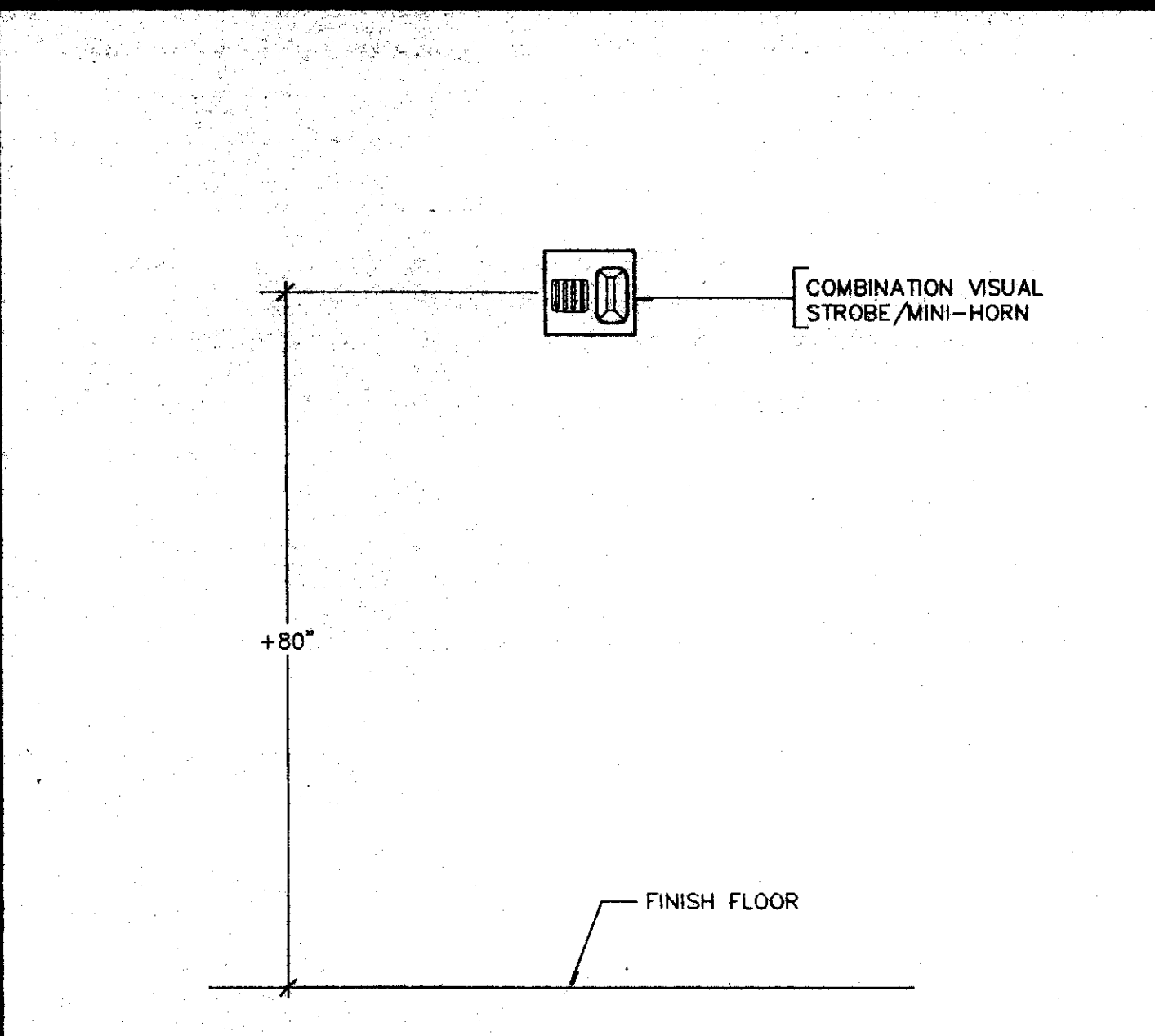
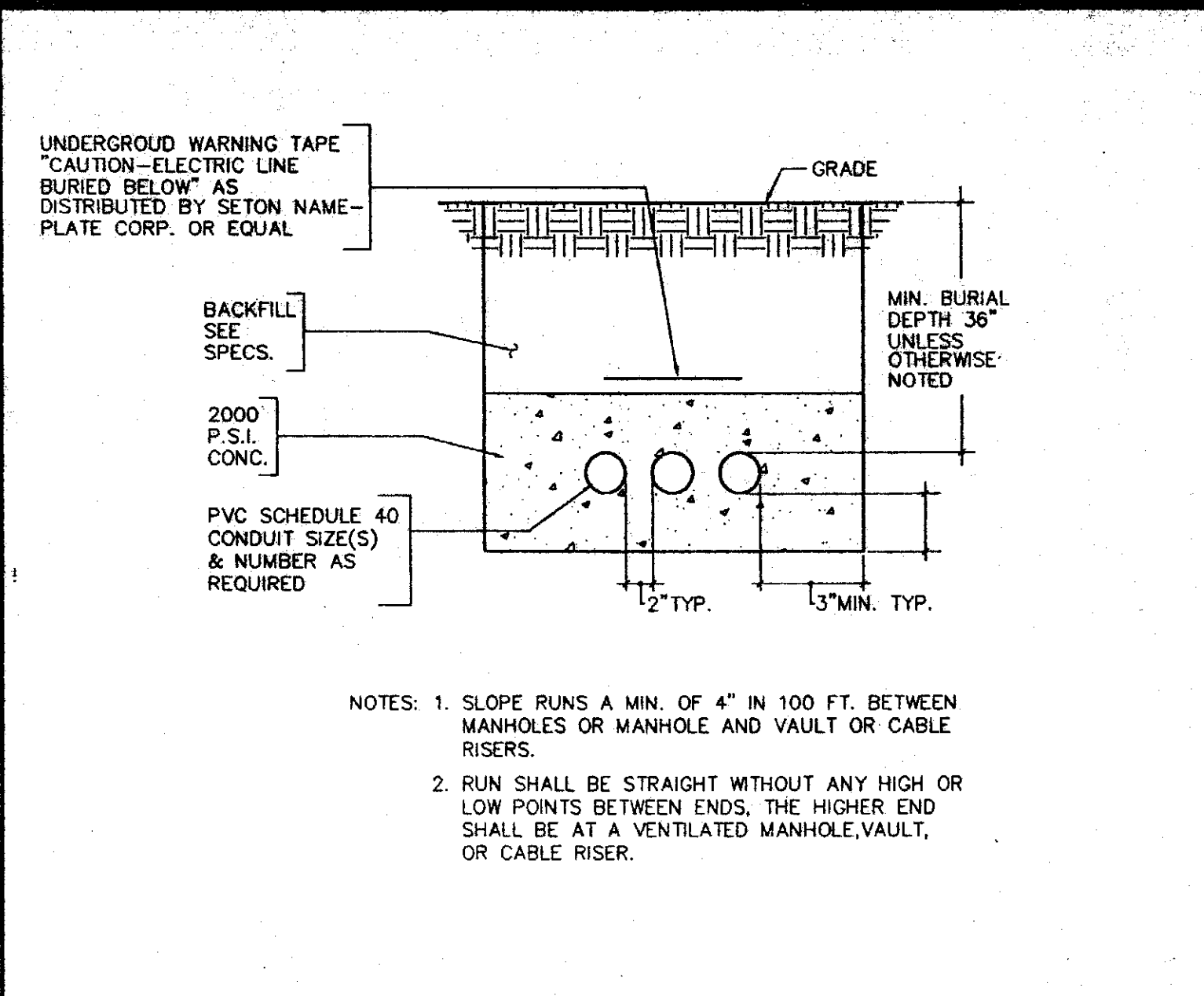
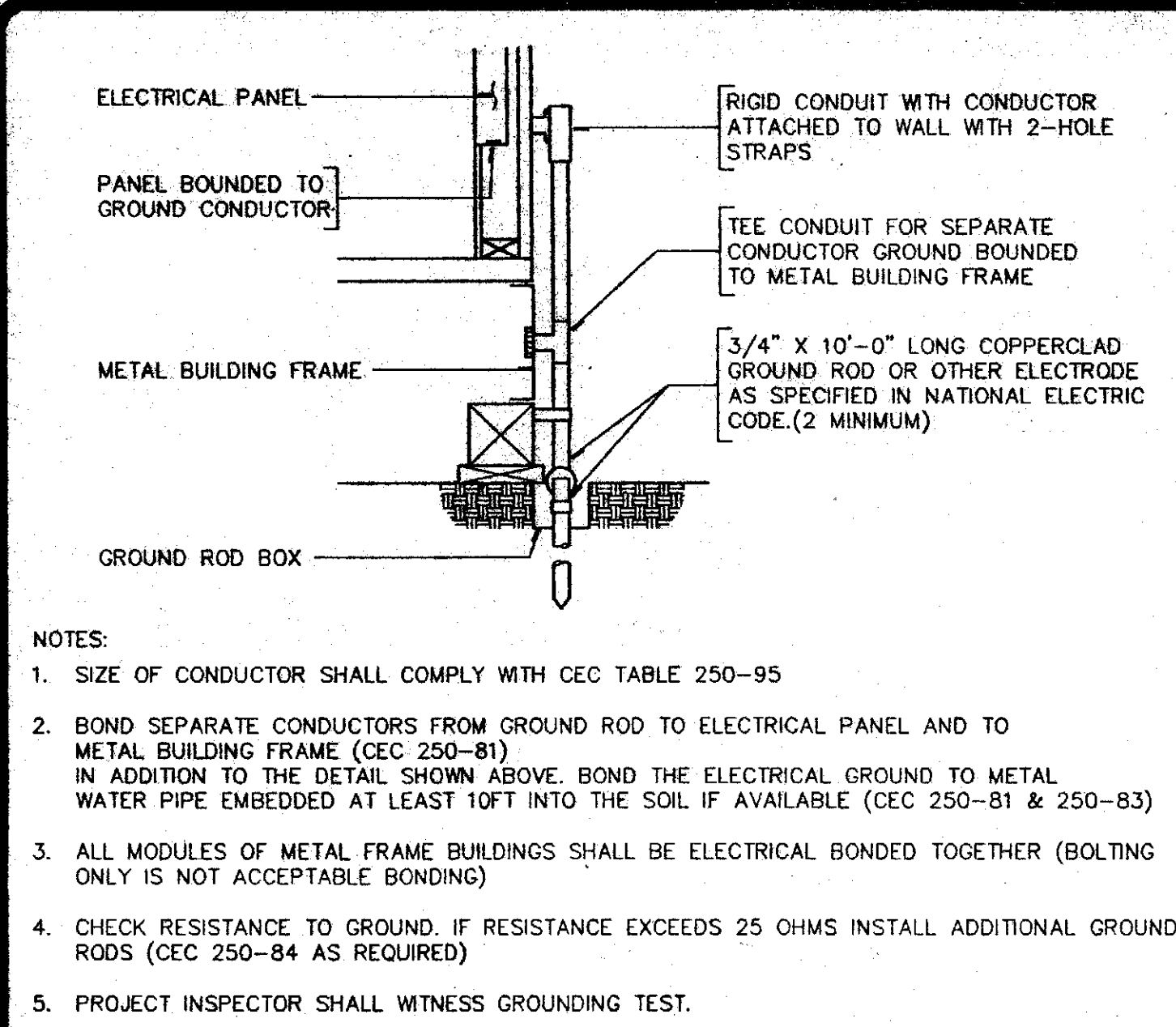
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 P-1583
 SHEET
E-2
 OF 5 SHEETS

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 102932
 AC: FLS SS
 DATE: NOV 17 2022

CWA & ASSOCIATES, INC.
 Electrical Planning • Engineering • Design • Studies
 5620 Center Avenue, Suite 100
 Rancho Cucamonga, CA 91730
 (909) 949-0722

PROFESSIONAL ENGINEER
 No. 10694
 Exp. 06/30/27
 STATE OF CALIFORNIA

JAN 18 2000



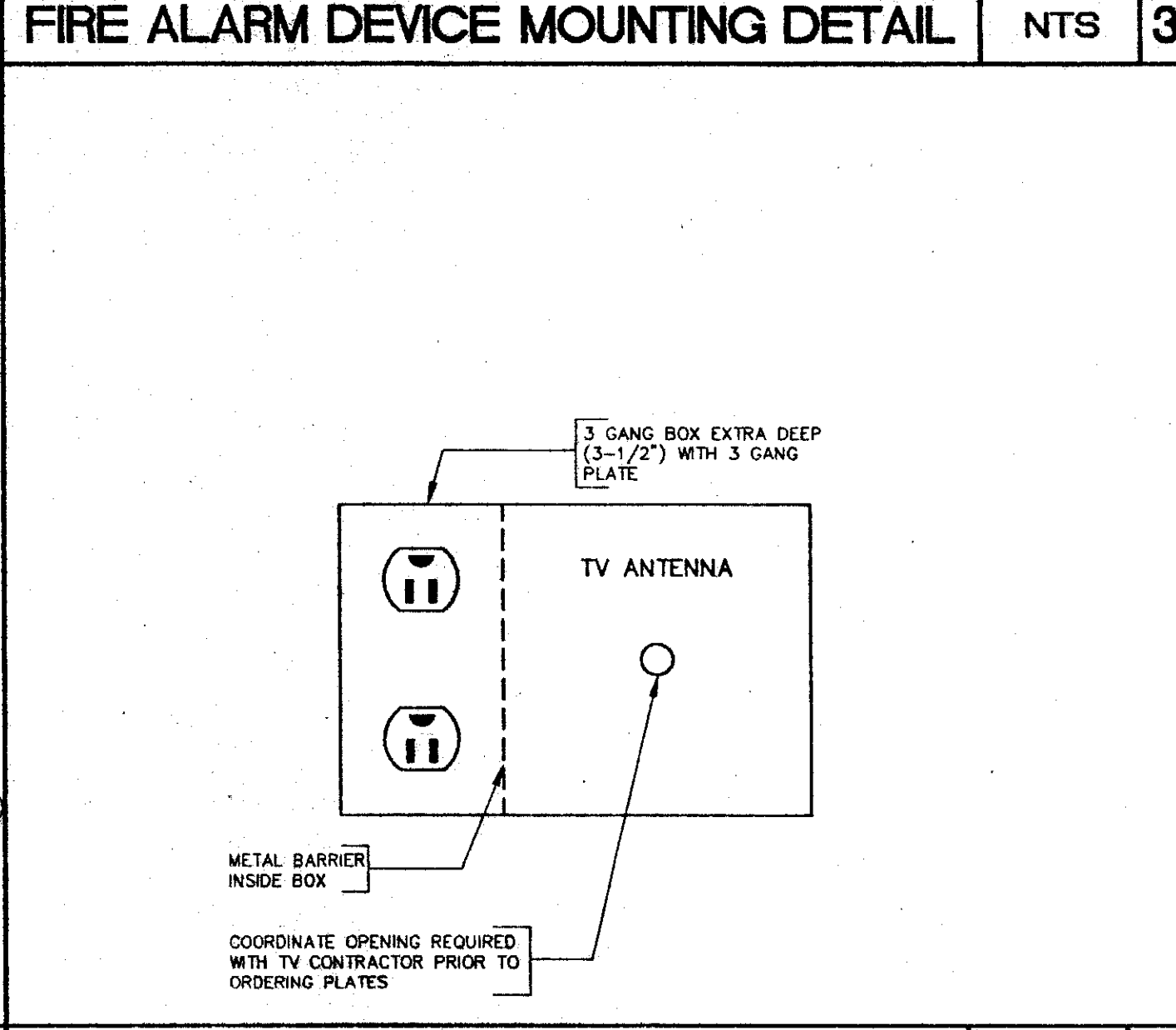
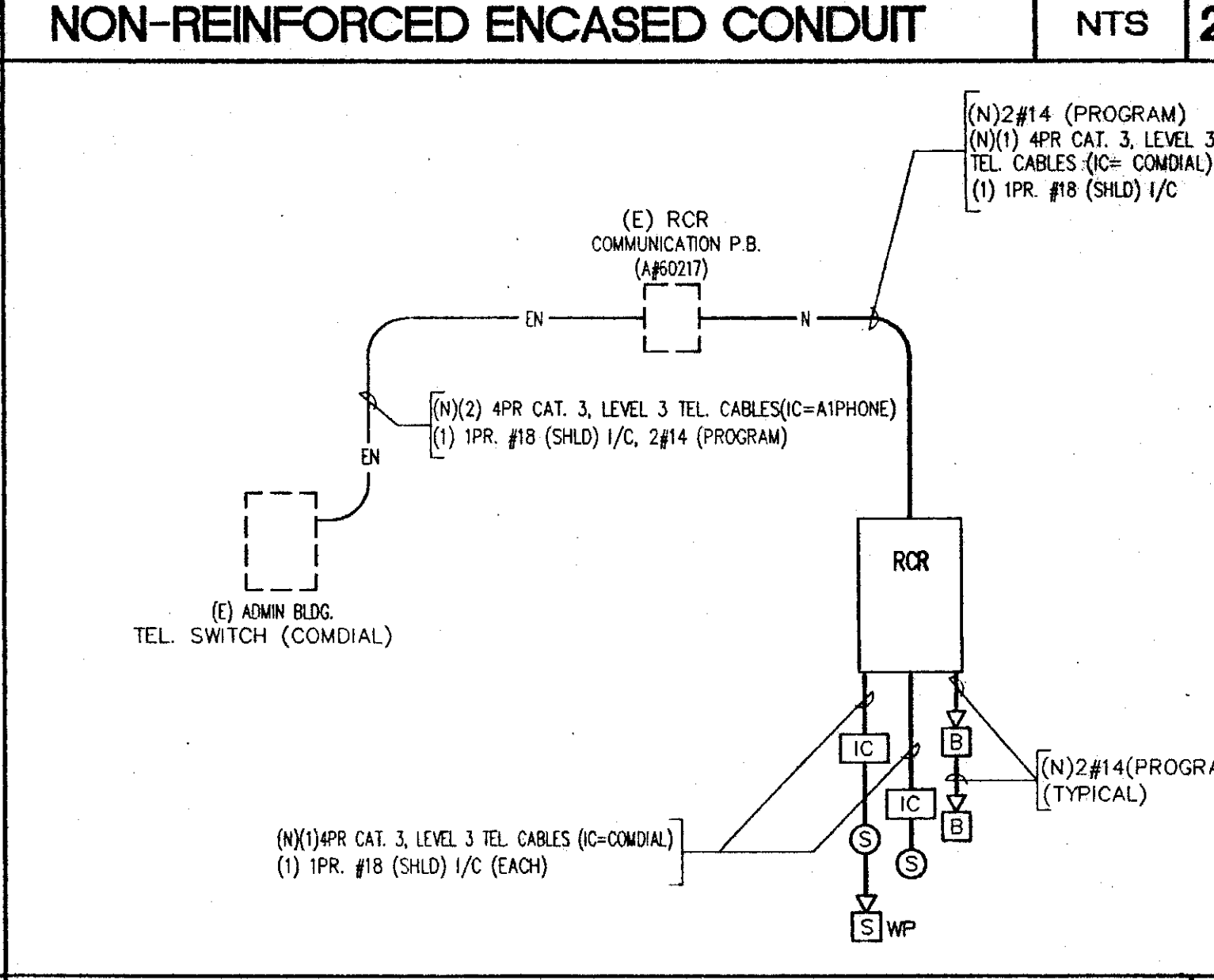
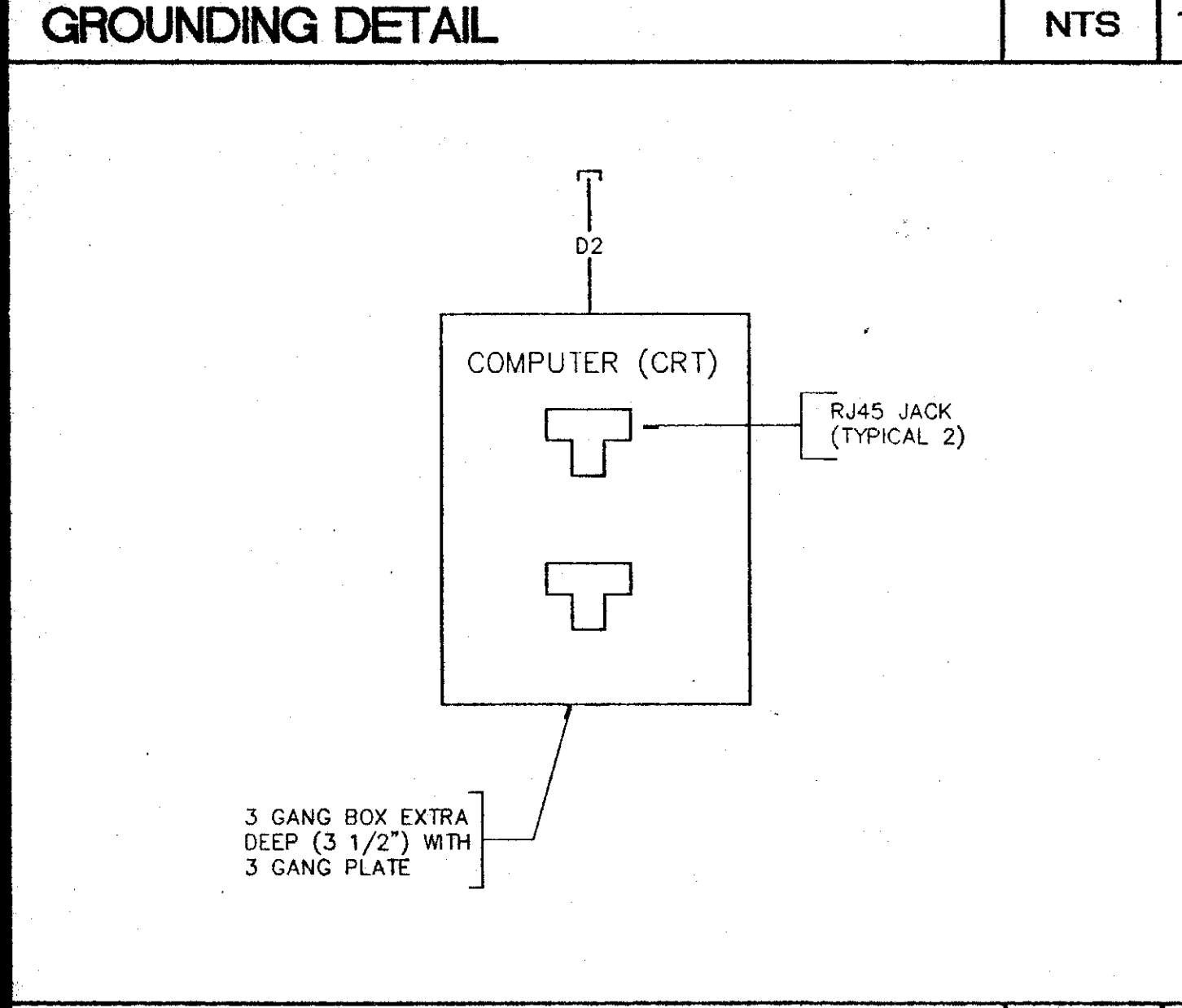
NOTES

- REFER TO THE FIRE ALARM SYSTEM SPECIFICATION, FOR ADDITIONAL REQUIREMENTS.
- REFER TO THE INTERCOMMUNICATIONS SYSTEM SPECIFICATION, FOR ADDITIONAL REQUIREMENTS.
- REFER TO GENERAL NOTES, SHEET E-2, FOR ADDITIONAL REQUIREMENTS.
- CONDUCTOR LENGTHS ARE FOR VOLTAGE DROP CALCULATIONS ONLY. ACTUAL LENGTHS SHALL BE DETERMINED IN THE FIELD.

WORST CASE VOLTAGE DROP

COMBINATION VISUAL STROBE/HORN	-QTY. 5 X 0.235 = 1.175A
	TOTAL 1.175A

DISTANCE	440FT.
VOLTAGE	24V. DC
WIRE SIZE	#12 THWN SOLID (6530 CIRCULAR MILLS)

$$1.175 A \times 440 \text{ FT.} \times \frac{21.6}{6530 \text{ CM}} \times \frac{100}{24} = 7.1\%$$


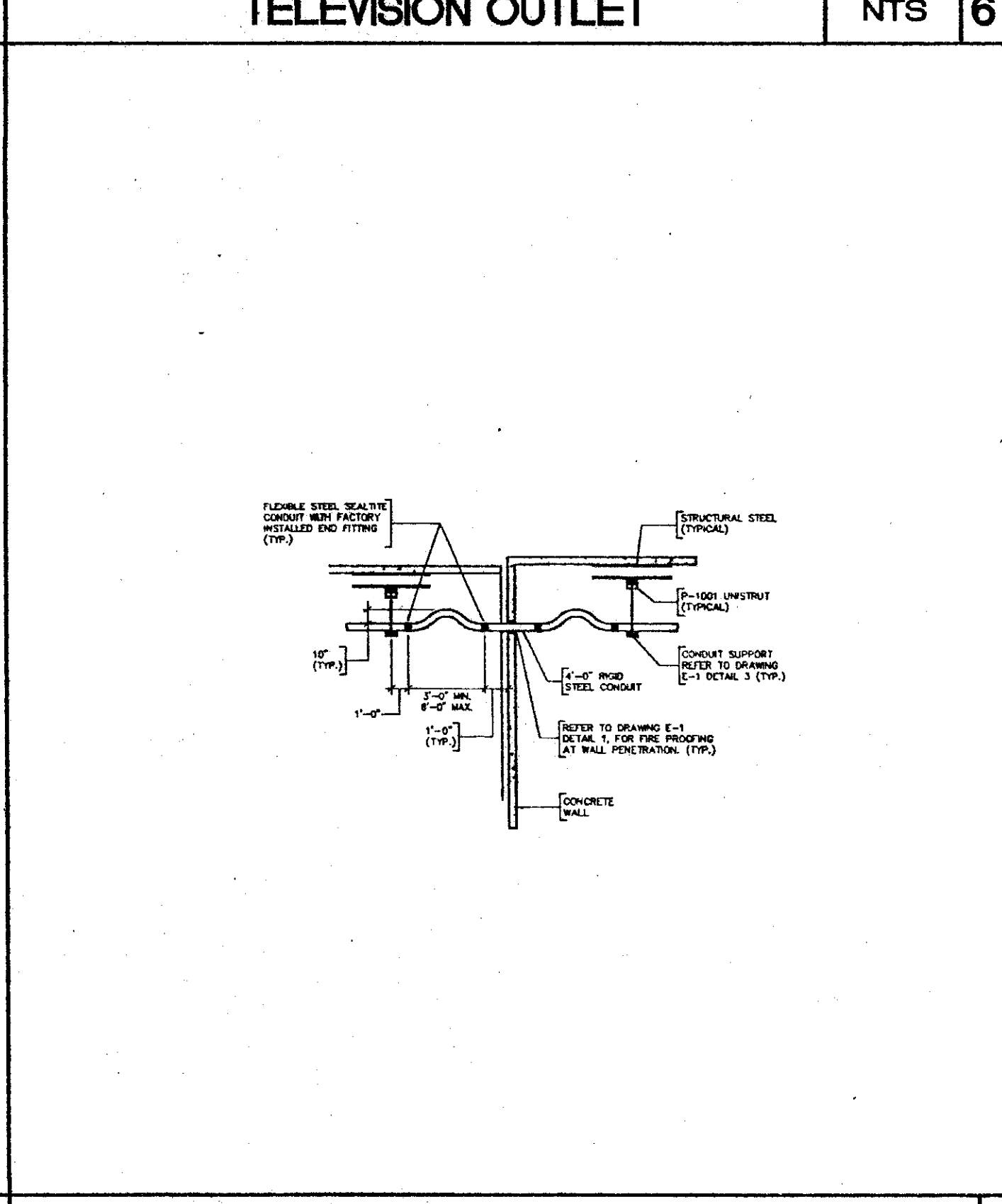
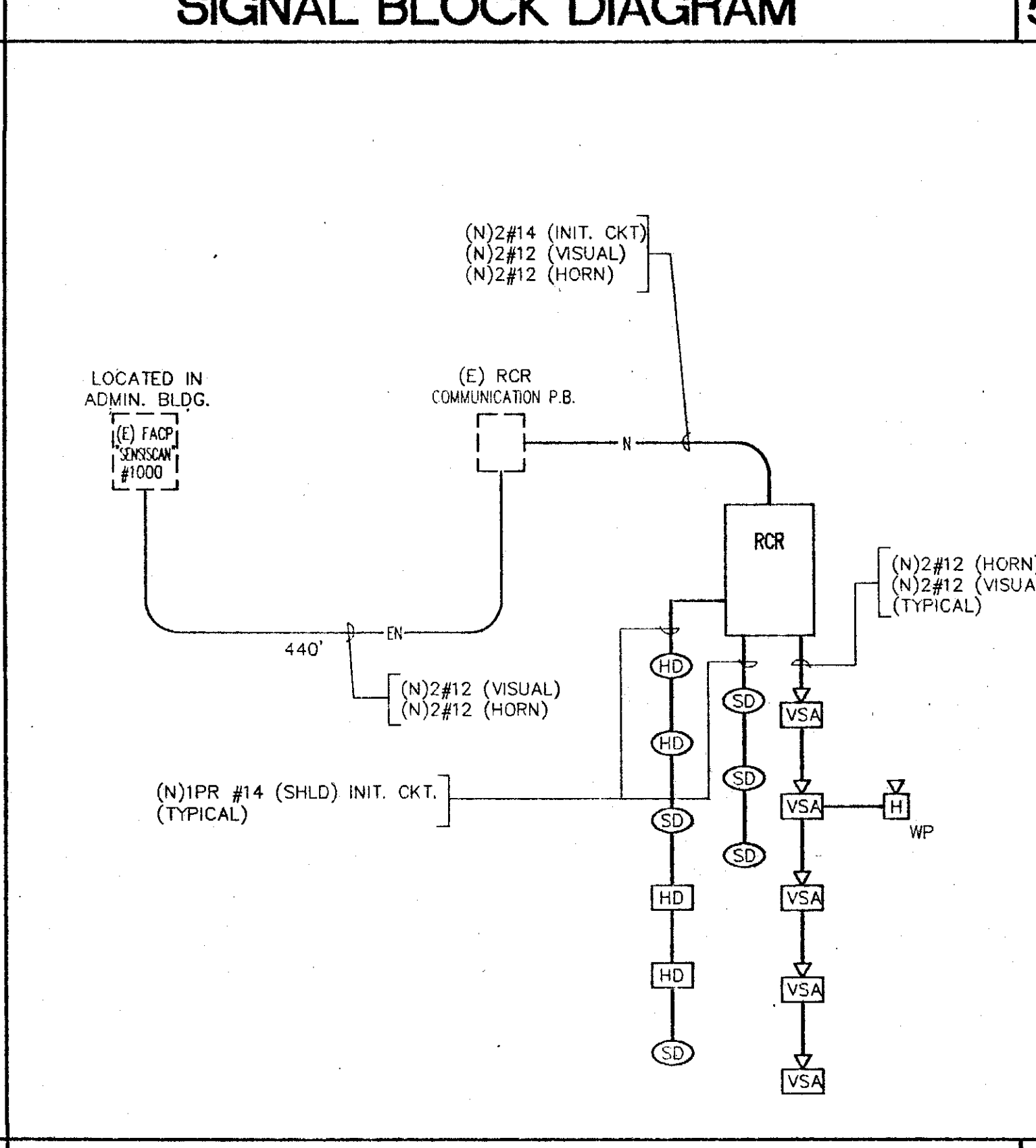
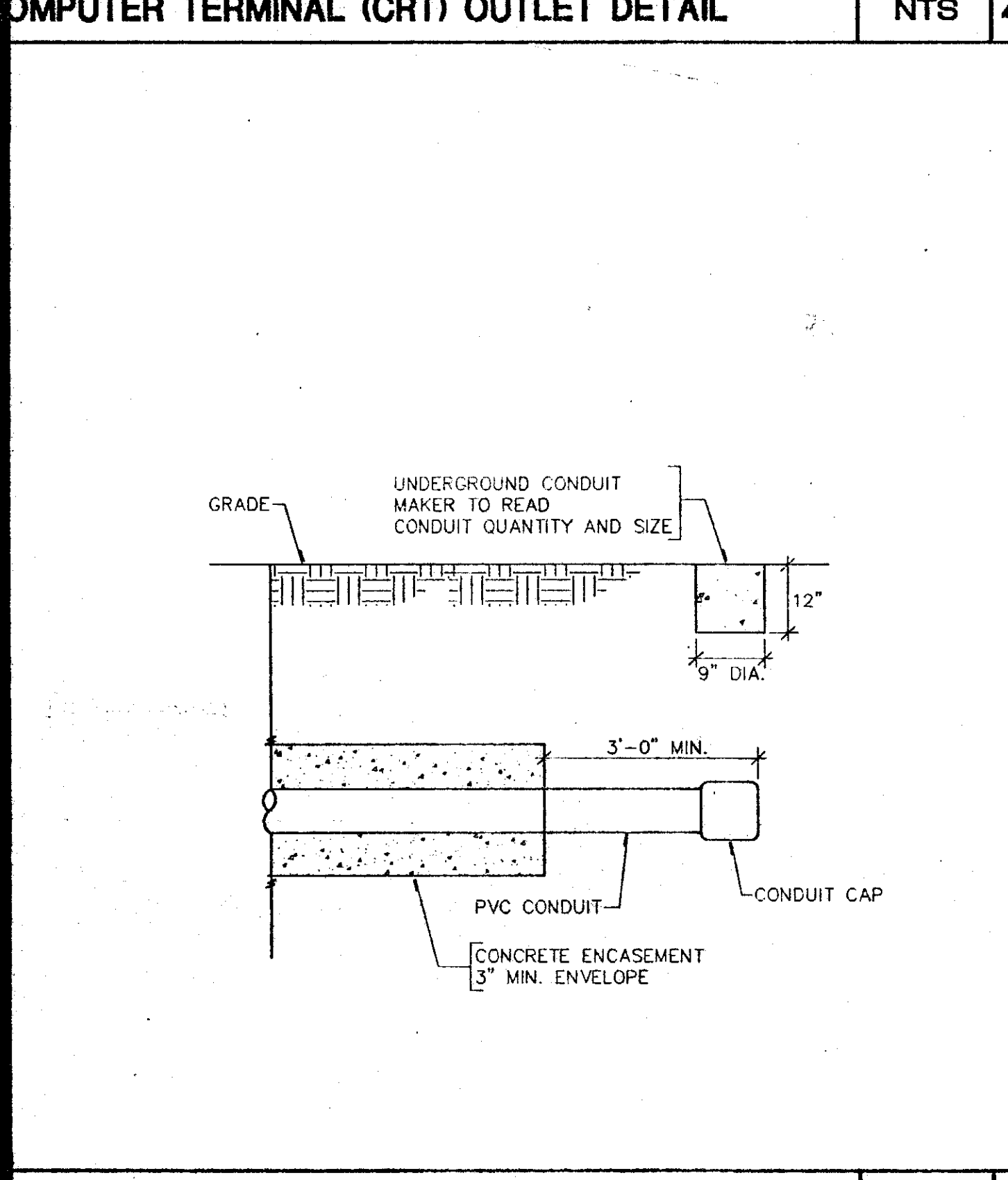
BATTERY CALCULATIONS

EXISTING FIRE LITE #1000 CONTROL PANEL
 24 HRS. + 5 MIN. ADMIN. BLDG.

QTY.	STANDBY	ALARM
(E) FACP FIRE LITE #1000	1	.47A
EXTERIOR HORNS	1	.035
HORN/STROBES 1100CD	5	1.175A
	.320A	1.68A
	X24 HRS.	X.083(S MIN.)
	7.68 AH	.139AH

7.68 AH + .139 AH = 7.81 TOTAL AMP HOUR USAGE
 24 AH BATTERIES ARE PROVIDED

- FIRE ALARM NOTES**
- THE CONTRACTOR SHALL PROVIDE AND INSTALL A COMPLETE OPERABLE C.E.S.F.M. APPROVED FIRE ALARM SYSTEM EXPANSION IN ACCORDANCE WITH DRAWINGS. EXISTING FIRE ALARM SYSTEM IS SENSISCAN, CONTACT D&S AT (562) 694-5686.
 - ALL SYSTEM COMPONENTS FURNISHED AND INSTALLED UNDER THIS CONTRACT SHALL BE IDENTICAL IN MANUFACTURE AND FUNCTION TO EXISTING SYSTEM. (NEW DEVICES SHALL BE COMPATIBLE WITH EXISTING SYSTEM).
 - THE CONTRACTOR SHALL PROVIDE ALL REQUIRED CARDS/MODULES AND A.D.A. POWER BOOSTERS FOR 24 VOLTS HORNS/STROBES AND FIRE ALARM PROGRAMMING OF THE FIRE ALARM SYSTEM SYSTEM FOR A COMPLETE OPERABLE FIRE ALARM SYSTEM.
 - HE SHALL ALSO BE RESPONSIBLE TO DO ALL REQUIRED BATTERY CALCULATIONS AND PROVIDE ADDITIONAL POWER MODULES AS REQUIRED. ALSO PROVIDE VOLTAGE DROP CALCULATIONS TO ENSURE PROPER FEEDER SIZES.



F.A. COMPONENT LISTING(S)

SYMBOL	DESCRIPTION	C.S.F.M. NO.
FACP	FIRE ALARM CONTROL PANEL (EXISTING)	
SD	SMOKE DETECTOR, CEILING MOUNTED. SPRINT #S-23811 (DS250TH) WITH #S831312 (BACK)	7271-0694:172
HD	HEAT DETECTOR, ATTIC MOUNTED. FCI#ADT-R#115-91120	7270-0694:180
VSA	VISUAL STROBE ANNUNCIATOR. SPRINT #S482347 (FARADAY #5508L)	7135-0694:187
VSA (110cd)	VISUAL STROBE ANNUNCIATOR AND MINI-HORN. GENTEX #GXS-4H AND GX-905-4-110	7135-0694:187 7135-0569:113
H	EXTERIOR HORN. GENTEX #GHI-24	7135-0569:119

CONDUIT STUB-OUT AND CAP DETAIL NTS 7

FIRE ALARM RISER DIAGRAM 8

CONDUIT CROSSING SEISMIC SEPARATION 9

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 APP: 102932
 AL: [Signature]
 DATE: NOV 17 1999

CWA & ASSOCIATES, INC.
 Electrical Planning • Engineering • Design • Studies
 9520 Center Avenue, Suite 180
 Rancho Cucamonga, CA 91730
 (909) 948-2723

REGISTERED PROFESSIONAL ENGINEER
 No. 10604
 State of California

REVISIONS

NO.	BY	DATE	DESCRIPTION

ADOLPH ZIEMBA, AIA & ASSOCIATES ARCHITECTS
 111 North First Street, Suite 204, Burbank, CA, 91504
 PHONE: (818) 841-2585 FAX: (818) 841-7782

ROWLAND UNIFIED SCHOOL DISTRICT
 1018 Otterbein Street, Rowland Heights, Ca. 91748

SANTANA HIGH SCHOOL
 1006 Otterbein Ave. Rowland Heights

DRAWN LP
CHECKED BT/CAW
DATE
SCALE NONE
JOB NO.
FILE NAME P:1535\1535_2
SHEET
E-3
 OF 5 SHEETS

JAN 18 2000

PLOT DATE: 10/19/99

ELECTRICAL SPECIFICATIONS

PART 1 GENERAL

1.01 SCOPE

A. Work of this section includes everything necessary for or incidental to completing the electrical work, to provide a complete and operable electrical system, except as herein specifically excluded.

1.02 GENERAL REQUIREMENTS

A. Electrical System Characteristics: 120/208V, 3PH, 4W

B. Guarantee: Furnish a written guarantee for a period of one-year from date of acceptance.

C. Codes and Regulations: Work done under this Section shall comply with the latest edition of the following: California Electrical Code, State of California Title 24, State Building Standards, Occupational Safety and Health Administration (OSHA) requirements, State of California Title 17 and to all local codes having jurisdiction. In the case where the codes have different levels of requirements, the most stringent rule shall apply.

D. Wherever a discrepancy in quantity or size of conduit, wire, equipment, devices, circuit breakers, etc., (all materials), arises on the Drawing and/or Specifications, the Contractor shall be responsible for providing and installing all material and services required by the strictest condition noted on Drawings and/or in Specifications to insure complete and operable systems as required by the Owner and Engineer.

E. The General and Supplementary Conditions, as well as Special Conditions apply in addition to items in the Electrical Section. Special attention is directed to the following sections:

1. Drawings and Specifications at the site.
2. Shop drawings and samples.
3. Record drawings.
4. Cutting and Patching.
5. Cleaning up.
6. Guarantee.
7. Tests.

F. All single or multiple conductors for signal or communication systems shall have a minimum of (20%) twenty percent spores pulled and tagged.

G. Testing:

1. Scans:
 - a. Infrasonic services of all new and existing distribution, panelboards and circuits which are a part of this scope of work shall be required.
 - b. Infrasonic certified reports shall be submitted on completion to the Owner and Engineer.
 - c. Scans shall be performed by an independent testing laboratory with total connected loads in operation.
2. All circuits shall be tested for continuity and circuit integrity. Adjustments shall be made for circuits not complying with testing criteria.
3. Grounding System: Shall be tested by an independent testing laboratory to meet resistance specified in Part 3.1, D.3 of these Specifications. It shall be this Contractor's responsibility to make adjustments, as required, to upgrade non-complying systems to proper and safe operation.
4. All certified testing reports shall be submitted to the Owner at completion of project.
5. All test above shall be performed by a independent testing firm.

H. All Core Cutting, Drilling, and Patching:

1. For the installation of work under this Section, the aforementioned shall be performed under this Section of the Specifications and the Concrete section of the Specifications.
2. No holes will be allowed in any structural members without the written approval of D.S.A. or the Structural Engineer.
3. For penetrations of concrete slabs or concrete footings, the work will be as directed in the Concrete Section of Specifications.
4. The contractor shall be responsible for patching and repairing surfaces where he is required to penetrate for work under this contract.
5. Penetrations shall be sealed to meet the rated integrity of the surface required to be patched and repaired. The patched surface shall be painted or finished to match the existing surface.

I. Verifying Drawings and Job Conditions:

1. This Contractor shall examine all Drawings and Specifications in a manner to be fully cognizant of all work required under this Section.
2. This Contractor shall visit the site and verify existing conditions. Where existing conditions differ from Drawings, adjustment shall be made and allowances included for all necessary equipment to complete all parts of the Drawings and Specifications.

J. Shop Drawings:

1. Drawings shall be submitted in six (6) bound sets accompanied by Letter of Transmittal, which shall give a list of the number and dates of the drawings submitted. Drawings shall be complete in every respect and bound in sets.

2. The Drawings submitted shall be marked with the name of the project, numbered consecutively and bear the approval of the Contractor as evidence that the Drawings have been checked by the Contractor. Any Drawings submitted without this approval will be returned to the Contractor for resubmission.

3. If the shop drawings show variations from the requirements of the Contract because of standard shop practice or other reasons, the Contractor shall make specific mention of such variations in his letter of transmittal. If the substitution is accepted, the Contractor shall be responsible for proper adjustment which may be caused by the substitution. Samples shall be submitted when requested.

4. Shop drawings shall be submitted for all electrical equipment indicated on plan and specified herein.

1.03 WORK IN COOPERATION WITH OTHER TRADES

A. Examine the Drawings and Specifications and determine the work to be performed by other trades. Provide the type and amount of electrical materials and equipment necessary to place this work in proper operation, completely wired, tested and ready for use. This shall include all conduit, wire, disconnects, relays, and other devices for the required operation sequence of all electrical and other systems or equipment.

1.04 TESTING AND ADJUSTMENT

- A. Upon completion of all electrical work, this Contractor shall test all circuits, switches, breakers, and any other electrical items to insure perfect operation of all electrical equipment.
- B. Equipment and parts in need of correction and discovered during such testing shall be immediately repaired or replaced with all new equipment and that part of the system shall then be retested. All such replacement or repair shall be done at no additional cost to the Owner.
- C. All circuit shall be tested for continuity and circuit integrity. Adjustments shall be made for circuits not complying with testing criteria.
- D. All certified testing reports shall be submitted to the Engineer at completion of project.
- E. Equipment and parts in need of correction and discovered during such testing shall be immediately repaired or replaced with all new equipment and that part of the system shall then be retested. All such replacement or repair shall be done at no additional cost to the Owner.

1.05 IDENTIFICATION

A. Identification nameplates shall be Micarta 1/8" thick and of approved size, with bevelled edges and engraved white letters 1/4" high minimum on black background. Nameplates shall be provided for all circuits in the distribution switchboards, and selector switches. Inscriptions on equipment shall be identical to those indicated in panels and/or motor control centers and other similar devices. Each nameplate shall be provided with drillings and suitable mounting screws corresponding to finish of the nameplate. The inscriptions in each nameplate shall be as indicated on the Drawings.

1.06 MAINTENANCE, SERVICING, INSTRUCTION MANUALS AND WIRING DIAGRAMS

- A. Prior to final acceptance of the job, the Electrical Contractor shall furnish to the Owner at least four (4) copies of operating and maintenance and servicing instructions, as well as four (4) complete wiring diagrams for all electrical equipment shown on plan and specified herein.
- B. All wiring diagrams shall specifically cover the system supplied. Typical drawings will not be accepted. Two (2) copies shall be presented to the Electrical Engineer and four (4) copies to the Owner.

1.07 ELECTRICAL CONTRACTOR'S RESPONSIBILITY

A. It shall be the Electrical Contractor's responsibility to obtain a complete set of Drawings and Specifications. He shall check the Drawings of the other trades and shall carefully read the entire Specifications and determine his responsibilities.

1.08 FINAL INSPECTION AND ACCEPTANCE

- A. After all requirements of the Specifications and/or the Drawings have been fully completed, representatives of the Owner will inspect the work. Contractor shall provide competent personnel to demonstrate the operation of any item or system to the full satisfaction of each representative.
- B. Final acceptance of the work will be made by the Owner after receipt of approval and recommendation of acceptance from each representative.

1.09 RECORD DRAWINGS

A. Contractor shall furnish one set of reproducible record drawings before final payment of retention.

1.10 SUBSTITUTIONS

- A. Substitution to specified equipment shall be submitted and received by the Engineer fifteen (15) days after the bid date for review and approval. Obtain D.S.A. approval for all substitutions.
- B. To receive consideration, requests for substitutions must be accompanied by documentary proof of its equality with the specified material. Documentary proof shall be in letter form and identify the specified values/materials alongside proposed equal values/materials. In addition, catalog brochures and samples, if requested, must be included in the submittal.
- C. In the event that authorization is given for a substitute equal to bid, after award of contract the Contractor shall submit to the Engineer certified quotations from suppliers of both the specified and proposed equal material for price comparison and delivery dates.

D. In the event of cost reduction, the Owner will be credited with 100 percent of the reduction, arranged by Change Order.

E. The Contractor warrants that substitutions proposed for specified items will fully perform the functions required.

F. Substitutions or requests for substitution shall not be accepted and rejected for failure to comply with items A-E above.

PART 2 - PRODUCTS

2.01 MATERIALS

A. Materials and Equipment: All electrical materials and equipment shall be new and shall be listed by Underwriter's Laboratories and bear their label, or listed and certified by a nationally recognized testing authority where UL does not have an approval. Custom made equipment must have complete test data submitted by the manufacturer attesting to its safety. In addition, the materials and equipment shall comply with the requirements of the following:

1. American Society of Testing Materials (ASTM).
2. Insulated Cable Engineers Association (ICEA).
3. National Electrical Manufacturer's Association (NEMA).
4. National Fire Protection Association (NFPA).
5. American National Standard Institute (ANSI).

B. Panelboards - Branch Circuit:

1. Branch circuit panelboards shall be of the dead front safety type equipped with thermal-magnetic bolt-on type 40 deg C. circuit breakers. All branch circuit panelboards shall be identical in physical size with a 12 circuit, 100A copper bus, unless noted otherwise, and 5-3/4" deep panel.
2. Circuit breakers shall be rated minimum 22,000 AMPS RMS symmetrical interrupting capacity and shall be the number of poles and current capacity as indicated on the panel schedule. Series rated circuit breakers will not be acceptable. Branch circuit panelboards shall be Challenger or approved equal Siemens, Westinghouse or Square D.
3. Trims shall have doors equipped with flush type combination lock and catch, two milled type keys supplied with each panel. All locks shall be keyed alike and each door shall have a plastic covered directory frame with a typed identification card of all circuit and panel numbers for branch circuit panelboards and engraved lamacoid nameplates for power distribution panelboards.
4. Provide nameplate for all panelboards, 1/8" thick, Micarta or Lamacoid plate of approved size, with bevelled edges and engraved white letters on black background. Install nameplates on exterior trim of panel, above the panel door.
5. All wiring shall be neatly arranged and laced together.
6. All circuit breakers shall be provided with a device for locking circuit breaker in "OFF" position.
7. Refer to Painting Section of these Specifications for all panel finish. Panel shall be primed for painting.
8. Neutral and Ground bus bars shall be full size, rectangular in cross section constructed of copper and interconnections.

C. Conduit:

1. Rigid conduit shall be full weight threaded type aluminum or steel, except where specifically required to be steel. Steel conduit shall be protected by overall zinc coating to inside and outside surfaces, applied by the hot dip, metalizing or sherardizing process.
2. Galvanized Rigid Conduit (GRC), shall be full weight threaded type aluminum or steel, except where specifically required to be steel. Steel conduit shall be protected by overall zinc coating to inside and outside surfaces, applied by the hot dip, metalizing, or sherardizing process.
3. Intermediate Metal Conduit (IMC), shall be hot-dipped galvanized in accordance with UL 1242 and meeting Federal Specification WWC-581 (latest revision).
4. Electrical Metallic Tubing (EMT), shall be zinc-coated steel with baked enamel or plastic finish on inside surfaces.
5. Flexible metal conduit shall be constructed of aluminum or hot-dipped galvanized steel strips wound spirally with interlocking edges to provide greatest flexibility with maximum strength. Interior surfaces shall be smooth and offer minimum drag to pulling in conductors. Used only as directed by the Engineer.
6. Liquid-tight conduit (Robroy-Flex) shall be galvanized steel flexible conduit as above except with moisture and oil-proof jacket, pre-cut lengths and factory installed fittings. For outdoor installations and motor connection.
7. Non-Metallic Conduit:
 - a. Polyvinyl chloride (PVC) rigid conduit, Schedule 40, Type II for underground installation only.
 - b. Conduit and fitting shall be produced by the same manufacturer.

D. Fittings:

1. Conduit type fittings shall be smooth inside and out, taper threaded with integral insulating bushing and of the shapes, sizes and types required to facilitate installation or removal of wires and cables from the conduit and tubing system. These fittings shall be of metal, smooth inside and out, thoroughly galvanized, and sherardized cadmium plated.
2. Metallic conduit covers shall have the same finish as the fitting and shall be provided for the opening of each fitting where conductor do not pass through the cover.
3. Connector, coupling, locknut, bushings and caps used with rigid conduit shall be steel, threaded and thoroughly galvanized. Bushings shall be insulated.
4. EMT fittings, connectors and couplings, shall be steel, zinc or cadmium plated, raintight, threadless, compression or top-on multiple point, steel locking ring type with insulated throat. Die cast, set screw or indenter types are not acceptable.
5. Flexible steel conduit connectors shall be or malleable iron clamp or squeeze type or steel twist-in type with insulated throat. The finish shall be zinc or cadmium plating. Connectors that anchor the conduit by set screws shall not be used.
6. Conduit unions shall be "Erickson" couplings, or approved equal. The use of running threads will not be permitted.

E. 600 Volt Conductors - Wire and Cable:

1. All conductors shall be copper.
2. Type THHN/THWN thermoplastic, 600 volt, UL approved, dry and wet locations, for conductor sizes up to and including #4 AWG.
3. Type XHHW cross-linked synthetic polymer, 600 volt, UL approved, for dry and wet locations, for conductor sizes #2 AWG and above.
4. Cross-linked synthetic polymer, XHHW, 600 volts, UL approved, for installation underground, in concrete or masonry.
5. Wire and cable shall be new, manufactured not more than six (6) months prior to installation, shall have size, type of insulation, voltage rating and manufacturer's name permanently marked on outer covering at regular intervals.
6. Wire and cable shall be factory color coded by integral pigmentation with a separate color for each phase and neutral. Each system shall be color coded and it shall be maintained throughout.
7. All color coding for #8 conductor and above shall be as identified above, utilizing phase tape at each termination.
8. No conductors carrying 120 volt or more shall be smaller than #12 AWG.

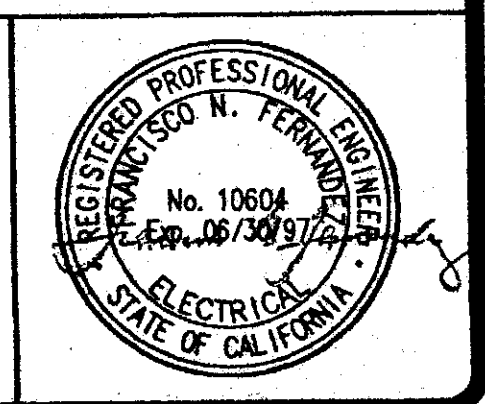
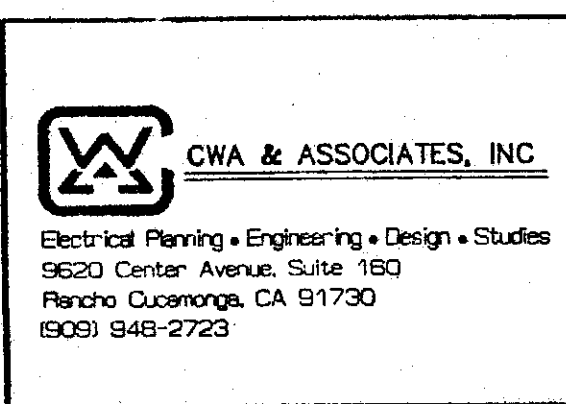
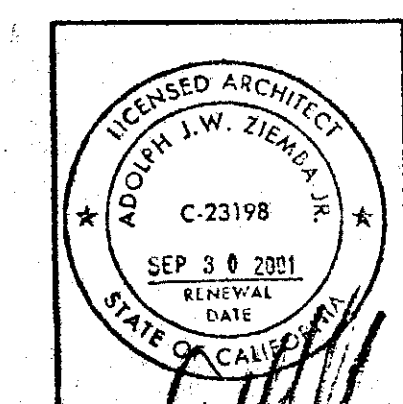
F. Junction and Pullboxes:

1. For interior dry locations, boxes shall be galvanized one-piece drawn steel, knockout type, with removable, machine screw secured covers.
2. For outside, damp or surface locations, boxes shall be heavy cast aluminum or cast iron with removable, gasketed, non-ferrous machine screw secured covers.
3. All boxes shall be sized for the number and sizes of conductors and conduits entering the box and equipped with plaster rings where required. Each conductor shall be terminated at an insulated, barriered terminal connector and completely identified with an engraved fiber identification marker, Electrovert or Underwriter's Safety Device Company.

G. Outlet Boxes:

1. For convenience outlets, wall switches, or other devices, outlet boxes shall be galvanized one-piece drawn steel, knockout type 4" x 4" x 1-1/2" minimum size with plaster rings as required.
2. For locations where standard boxes are not suitable due to number and size of conduit to be terminated, special boxes shall be designed to fit space or meet other requirements and submitted for approval.
3. For exposure to weather, damp locations, or surface mounting, outlet boxes shall be heavy cast aluminum or cast iron with threaded hubs; covers shall be watertight with gaskets and non-ferrous screws.

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APP: 102932
DATE: NOV 17 2023



REVISIONS	BY

ADOLPH ZIEMBA, AIA & ASSOCIATES
ARCHITECTS
111 North First Street, Suite 204, Burbank, CA 91504
PHONE: (818) 841-2585 FAX: (818) 841-7782

ROWLAND UNIFIED
SCHOOL DISTRICT
1006 Otterbein Street, Rowland Heights, CA 91748

ELECTRICAL SPECIFICATIONS
SANTANA HIGH SCHOOL

DRAWN LP
CHECKED FF/CAW
DATE
SCALE NONE
JOB NO.
FILE NAME P:15381535.2
SHEET E-4
OF 5 SHEETS

JAN 18 2000

PLOT DATE: 1/9/1999

ELECTRICAL SPECIFICATIONS

H. Fire Alarm System: Provide a complete and operable C.S.F.M. approved fire alarm system expansion in accordance with the Drawings and these Specifications: (EXISTING FIRE ALARM SYSTEM: FIRE LITE 1000, CONTACT: SPRINT/NORTHSUPPLY CO. (800)776-3970).

1. General:
 - a. All system components furnished and installed under this contract shall be identical in manufacturer and function to existing system.
 - b. The fire alarm system shall comply with the National Electrical Code, NFPA 72A, Life Safety Code 101 and comply with the requirements as set forth by the State Fire Marshal's office, Title 24 of the California Administrative Code.
 - c. All components shall be C.S.F.M. listed and approved. C.S.F.M. listing numbers shall be shown on all submittal data.
 - d. The system shall conform to Titles 19 and 24 as applicable to this project.
 - e. Upon completion of system installation, the system shall be tested in the presence of and in a manner acceptable to the enforcing agency.
 - f. The certified fire alarm installer shall submit the "Fire Alarm System Certification and Description" (NFPA-72H) form after completion of installation to D.S.A. for compliance.

I. Telephone System: Provide a complete and operable expansion of the existing telephone system in accordance with the Drawings and these Specifications: (EXISTING TELEPHONE SYSTEM: FOCUS #20, TO MATCH EXISTING).

1. General:
 - a. All system components furnished and installed under this contract shall be identical in manufacturer and function to existing system.

J. Security System: Provide a complete and operable expansion to the existing Security System in accordance with the drawings and these specifications.

1. All systems components furnished & installed under this contract shall be identical in manufacturer and function to existing building.

K. Painting:

1. Terminal cabinets, panels, junction boxes, pull boxes, etc., and conduit installed outdoors and in public view shall be painted with colors selected by the Architect to match the subject exterior surface. Refer to painting section of the specifications for additional requirements.

L. Seismic Design and Anchoring of Electrical Equipment:

1. All electrical prefabricated equipment is to be designed and constructed in such a manner that all portions, elements, sub-assemblies and/or parts of said equipment and the equipment as a whole, including their attachments, will resist a horizontal load equal to the operating weights of those parts multiplied times the following factors:

Fixed Equipment on Grade - 23% of Operating Weight

Fixed Equipment on Structure - 35% of Operating Weight

For flexibly mounted equipment use 4 x the above values. Simultaneous vertical force - use 1/3: x horizontal force. Where anchorage details are not shown on Drawings, the installations shall be subject to the approval of the Electrical Engineer and the DSA field engineer. (For equipment installed on roof or floor and weighing 1,000 pounds or less.)

Type of Equipment	Horizontal CP	Vertical CP
Rigid and rigidly supported piping or equipment such as boilers, transformer, unit substations and control panels	0.50	0.33

Flexible and flexibly supported equipment such as air-handling units, piping, and other equipment so supported that the fundamental period of vibration of the equipment and its supporting system.

	1.00	0.67
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- (a) Load is to be applied at the center of gravity of the part and to be in any direction horizontally. Design stresses shall be in accordance with the Specifications for design of the American Institute of Steel Construction. Anchorage, support and/or attachment of said prefabricated equipment to the structure shall be in accordance with the details found in the plans and Specifications.

- (b) All electrical equipment furnished under this Section of the Specifications shall be permanently anchored to the floor or pads and shall withstand a lateral force equivalent to two times gravity minimum.

- (c) The manufacturer and/or supplier of said equipment shall certify in writing to the Architect and the Office of Architecture and Construction of the State of California that this equipment complies with these Specifications.

PART 3 - EXECUTION

3.01 PREPARATION AND INSTALLATION

A. Installation of Conduit and Outlet Boxes:

1. All conduit exposed or installed in concrete and masonry, shall be galvanized rigid steel conduit (GRC), or intermediate metal conduit (IMC).
2. Rigid conduit may be installed under floor slabs, under concrete sidewalks as noted on the Drawings. Rigid conduit installed under slabs shall be 1" trade size minimum and shall be wrapped with 20 mil. polyvinyl chloride plastic tape.
3. All conduit except as hereinafter specified, installed in concrete or masonry, or damp or hazardous location, or subject to mechanical injury shall be heavy wall, threaded, galvanized rigid steel conduit (GRC), or intermediate metal conduit (IMC).
4. Flexible steel conduit shall only be permitted to be used at light fixture outlets and connections to vibrating electrical equipment. All flexible steel conduit runs shall be less than 6'-0". All outdoor installation shall be made using liquid-tight flex with approved fittings. Use of flexible conduit shall be as approved by the Engineer.
5. Intermediate metal conduit (IMC), is approved for use in all locations as approved for GRC or EMT and in accordance with Article 345 of CEC and UL Information card #07BY.
6. All conduit installed in the dry walls or ceilings of the building shall be steel tube (EMT), Galvanized Rigid Steel (GRC), or Intermediate Metal Conduit (IMC).
7. Conduit shall be run so as not to interfere with other piping fixtures or equipment.
8. The ends of all conduit shall be cut square, carefully reamed out to full size and shall be shouldered in fitting.
9. No running threads will be permitted in locations exposed to the weather, in concrete or underground. Special union fittings shall be used in these locations.
10. Underground conduit shall be, unless otherwise indicated, Schedule 40 PVC (polyvinyl chloride) complete with a minimum three (3") inch, (2,000 lb) concrete envelope, (2") inch minimum separation between conduits, installed at depth of not less than 24" below grade. Conduit separation shall be maintained using plastic spacers located at 10'-0" intervals. Where power and communication/signal conduits are run in a common trench a (12") inch minimum separation shall be maintained between power and communication/signal conduits. Where underground conduit passes under a building slab, concrete encasement may not be required, contact the Engineer for direction. The grounding wire in plastic conduit shall be rated in accordance with Section 250-95 of 1981 CEC.
11. All underground or imbedded conduit shall be 1" minimum trade size for steel and for PVC.
12. Where underground conduit runs stub-up, conduit shall transition to GRC underground. The contractor shall use GRC elbows and GRC risers wrapped in 20 mil. PVC tape for stub-ups. No PVC shall be run in walls.
13. Where underground conduit runs penetrate floor slab, conduit shall terminate flush with the floor slab using a flush coupling.
14. Where conductors enter a raceway in a cabinet, pull box, junction box, or auxiliary gutter, the conductors shall be protected by a plastic bushing type fitting providing a smoothly rounded insulating surface.
15. Where conduit extends through roof to equipment on roof area, this Contractor shall provide 24 gauge galvanized sheet metal flashing cones with 4" flanges on roof surface. This flashing shall be delivered to the roofing contractor for installation. The actual location of all such roof penetrations and outlet shall be verified by the Contractor.
16. All conduit underground, in masonry and concrete and where concealed under floor slabs shall have joints painted with thread compound prior to makeup.
17. All conduit shall be supported at intervals not less than 6'-0" and within 12" from any outlet and at each side of bends and elbows. Conduit supports shall be galvanized, heavy stamped, two hole conduit clamp properly secured, nail-in conduit supports will not be allowed. Where conduit racks are used the rack shall consist of two piece slotted conduit clamps attached to galvanized steel slotted channels, properly secured via threaded rods attached directly to the building structure. One piece set-screw type conduit clamps or perforated iron for supporting conduit will not be permitted.
18. Seismic Conduit Support:
 - a. All conduit shall be supported in such a manner that it is securely attached to the structure of the building. Attachment is to be capable of supporting the tributary weight of conduit and contents in any direction. Maximum spacing of support and braces are to be as follows:

CONDUIT SIZE	MAXIMUM SPACING
1/2" to 3" Standard	incl. 6'-0"
3-1/2" to 4" Standard	incl. 8'-0"

19. All conduit runs shall be installed parallel or perpendicular to walls, structural members, or intersection of vertical planes and ceilings. Field made bends and offset shall be avoided where possible. Crushed or deformed raceway shall not be installed.

20. Open knockouts in outlet boxes only where required for inserting conduit.

21. Outlet boxes on metal studs shall be attached to metal hangers, tack welded or bolted to studs; on wood studs attachment shall be with wood screws, nails not acceptable.

22. All exposed conduits shall be painted to match the finish of the wall or ceiling to which it is supported to.

23. Sleeves shall be installed where conduit passes through masonry or concrete walls and shall be 24 gauge galvanized steel no more than 1/2" greater in diameter than the outside diameter of the conduit. Caulk conduit sleeve with stone wool and waterproof below grade. Must meet fire rating approval.

24. All boxes shall be covered with outlet box protector, Appleton SB-CK. Keep dirt from entering box or panels. If dirt does get in, it shall be removed prior to pulling wires.

25. All boxes installed outdoors shall be suitable for outdoor installations, gasketed, screw cover and painted as directed by the Architect with weatherproof paint to match building.

26. All conduit entries to outdoor mounted panels, cabinets, boxes, etc., shall be made using Myers "SCRU-TITE" hubs Series ST.

27. All conduit shall have a 200 lb test poly-propylene pull line left in place for future use in all runs tagged with a plastic tag at terminating end indicating the location of the opposite end of the conduit.

28. All rotating electrical equipment shall be supplied with flexible, liquid-tight conduit with appropriate slack and shall not exceed thirty-six (36) inches.

29. All conduit runs within suspended ceilings shall be suspended from building structure by means of unistrut hangers/rack, see note 17. Conduit shall not be allowed to lay on ceiling or be supported from ceiling or other suspension system.

B. Installation of 600 Volt Conductors:

1. All electrical wire, including signal circuits, shall be installed in conduit.

2. All circuits and feeder wires for all systems shall be continuous from switch to terminal or farthest outlet. No joints shall be made except in pull, junction or outlet boxes, or in panel or switchboard gutters.

3. Thoroughly clean all conduit and wire-ways and see that all parts are perfectly dry before pulling any wires. No joint shall be made except in pull, junction or outlet boxes, or in panel or switchboard gutters.

C. Joints in 600 Volt Conductors:

1. Joints in 600 volt conductors smaller than No. 4 AWG shall be made with Scotchlok spring type connectors. Wires No. 4 AWG and larger shall be joined together with approved type of pressure connector and topped with #33 3M tape, three (3) layers minimum to provide insulation not less than that of conductor. Connections to switch or busbar shall be made with one-piece copper lugs. Splicing of all 600 volt or less in-line connections #2 AWG through 350 MCM shall be made with 3M brand PST connector.

D. Grounding:

1. Provide grounding for entire electric installation as shown on plans and as required by applicable codes. Included as required grounding are:
 - a. Conduit.
 - b. Neutral or identified conductors of interior wiring system.
 - c. Panelboards and Switchboards.
 - d. Non-current carrying metal parts of fixed equipment.
 - e. Relocatable classroom structure. Install two ground rods minimum per classroom.

2. Furnish and install required number of 3/4" x 10' ground rods to meet specified resistance, all required grounding wires, conduit and clamps. The size of the grounding conductors shall be not less than that set forth in the latest edition of the California Code of Regulations, Title 24, State of California and CEC, unless otherwise indicated.
3. Building grounding system resistance to ground shall not exceed 25 ohm.

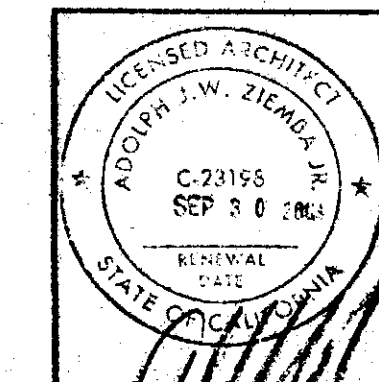
E. Prefabricated Equipment: Installation of all prefabricated items and equipment shall conform to the requirements of the manufacturer's specifications and installation instruction pamphlets. Where code requirements affect installation of materials and equipment, the more stringent requirements, code or manufacturer's instructions and/or specifications, shall govern the work.

F. TV Signal Distribution System: Provide a complete and operable expansion to the existing TV Signal Distribution System in accordance with the drawings and these specifications.

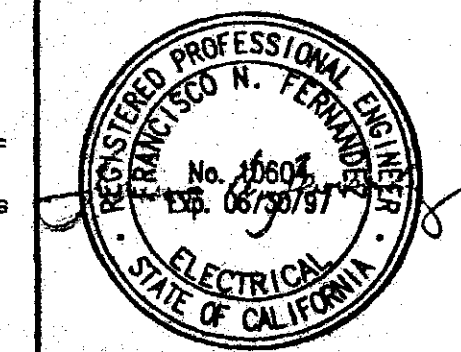
1. All systems components furnished & installed under this contract shall be identical in manufacturer and function to existing building.
2. Repair any existing site runs and add conductors necessary to add new stations and return existing rooms to operation.

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT

APPROVED: 02932
 DATE: NOV 17 1999



CWA & ASSOCIATES, INC.
 Electrical Planning • Engineering • Design • Studies
 9820 Center Avenue, Suite 180
 Rancho Cucamonga, CA 91730
 (909) 848-2723



REVISIONS	BY

ADOLPH ZIEMBA, AIA & ASSOCIATES
 ARCHITECTS
 111 North First Street, Suite 204, Burbank, CA, 91504
 PHONE: (818) 841-2565 FAX: (818) 841-7782

ROWLAND UNIFIED
 SCHOOL DISTRICT
 1018 Otterbein Street, Rowland Heights, Ca. 91748

ELECTRICAL SPECIFICATIONS
 SANTANA HIGH SCHOOL
 1006 Otterbein Ave. Rowland Heights

DRAWN L.P.
 CHECKED FT/CAW
 DATE
 SCALE NONE
 JOB NO.
 FILE NAME P:1535_1535.2
 SHEET
E-5
 OF 5 SHEETS

JAN 18 2000

PLOT DATE: 10/19/99

PS PROFILE STRUCTURES, INC.

CONTRACTOR'S LICENSE # 248071 B1

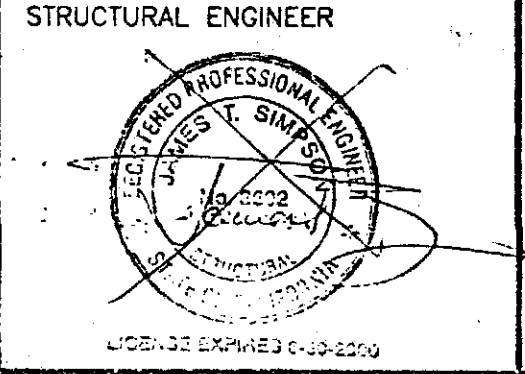
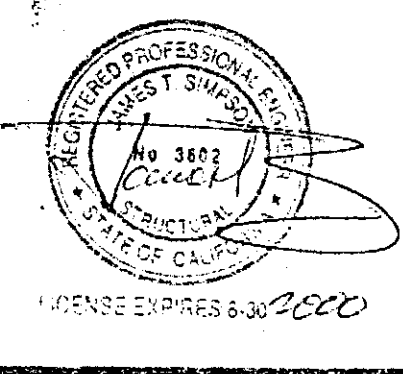
30'/40'/50'/60'x32' - CLASSROOM BUILDINGS

RIGID FRAME - BUILT UP ROOF - WOOD / METAL STUD

SANTANA ALTERNATIVE EDUCATION CENTER

ABBREVIATIONS	NOTES	SYMBOLS	PROJECT DATA	SHEET INDEX																																																																																																																																																																																																																																																																																																												
<p>ABBREVIATIONS USED IN THESE SET ARE STANDARD IN THE INDUSTRY. CONTACT PROFILE STRUCTURES FOR CLARIFICATION.</p> <table border="0"> <tr><td>ACOUS.</td><td>ACOUSTICAL</td><td>F.M.</td><td>FIRE MARSHAL</td><td>RAD.</td><td>RADIUS</td></tr> <tr><td>AD.</td><td>ANCHOR BOLT</td><td>F.O.C.</td><td>FACE OF CONCRETE</td><td>REF.</td><td>REFERENCE</td></tr> <tr><td>ADJ.</td><td>ADJACENT</td><td>F.O.F.</td><td>FACE OF FINISH</td><td>REQ.</td><td>REQUIRED</td></tr> <tr><td>ALUM.</td><td>ALUMINUM</td><td>F.O.M.</td><td>FACE OF MASONRY</td><td>R.</td><td>RISER</td></tr> <tr><td>APPROX.</td><td>APPROXIMATE</td><td>F.O.S.</td><td>FACE OF STUDS</td><td>R.D.</td><td>ROOF DRAIN</td></tr> <tr><td>ARCH.</td><td>ARCHITECT</td><td>FT.</td><td>FOOT, FEET</td><td>R.M.</td><td>ROOM</td></tr> <tr><td>ASPH.</td><td>ASPHALT</td><td>FTG.</td><td>FOOTING</td><td>S.C.</td><td>SOLID CORE</td></tr> <tr><td>BD.</td><td>BOARD</td><td>F.H.M.S.</td><td>FLAT HEAD MACHINE SCREW</td><td>S.D.</td><td>SCHEDULE</td></tr> <tr><td>BLDG.</td><td>BUILDING</td><td>F.H.S.M.S.</td><td>FLAT HEAD SHEET METAL SCREW</td><td>S.D.</td><td>SOAF DISPENSER</td></tr> <tr><td>BLKS.</td><td>BLOCKING</td><td>GA.</td><td>GAGE, GAUGE</td><td>SECT.</td><td>SECTION</td></tr> <tr><td>BM.</td><td>BEAM</td><td>GA.</td><td>GAGE, GAUGE</td><td>SHT.</td><td>SHEET</td></tr> <tr><td>BOT./BTM.</td><td>BOTTOM</td><td>GA.</td><td>GAGE, GAUGE</td><td>SIM.</td><td>SIMILAR</td></tr> <tr><td>CONC.</td><td>CONCRETE</td><td>GA.</td><td>GAGE, GAUGE</td><td>SPEC.</td><td>SPECIFICATION</td></tr> <tr><td>CL.</td><td>CEILING</td><td>SI.</td><td>GALVANIZED IRON</td><td>SQ.</td><td>SQUARE</td></tr> <tr><td>CLG.</td><td>CAST IRON</td><td>SI.</td><td>GALVANIZED IRON</td><td>SS.</td><td>STAINLESS STEEL</td></tr> <tr><td>CLR.</td><td>CLEAR</td><td>STD.</td><td>STANDARD</td><td>STD.</td><td>STANDARD</td></tr> <tr><td>CONJ.</td><td>CONNECTION</td><td>GYP. BD.</td><td>GYP. BOARD</td><td>SIL.</td><td>STEEL</td></tr> <tr><td>CONSTR.</td><td>CONSTRUCTION</td><td>H.B.</td><td>HOSE BID</td><td>STRUC.</td><td>STRUCTURAL</td></tr> <tr><td>CONT.</td><td>CONTINUOUS</td><td>H.C.P.</td><td>HOSE CAP</td><td>SUSP.</td><td>SUSPENDED</td></tr> <tr><td>CONTR.</td><td>CONTRACTOR</td><td>HT.</td><td>HEIGHT</td><td>TRD.</td><td>TREAD</td></tr> <tr><td>CTSK.</td><td>COUNTERSINK</td><td>H.M.F.</td><td>HOLLOW METAL FRAME</td><td>THK.</td><td>THICK</td></tr> <tr><td>D.F.</td><td>DIAMETER</td><td>H.M.</td><td>HOLLOW METAL</td><td>T.O.P.</td><td>TOP OF WALL</td></tr> <tr><td>DET.</td><td>DETAIL</td><td>H.M.D.</td><td>HOLLOW METAL DOOR</td><td>T.O.S.</td><td>TOP OF SLAB</td></tr> <tr><td>DIA.</td><td>DIAMETER</td><td>INSUL.</td><td>INSULATION</td><td>TEXT.</td><td>TEXTURE</td></tr> <tr><td>DIM.</td><td>DIMENSION</td><td>INT.</td><td>INTERIOR</td><td>UN.</td><td>UNLESS NOTED</td></tr> <tr><td>DISP.</td><td>DISPENSER</td><td>JT.</td><td>JOINT</td><td>U.O.N.</td><td>UNLESS OTHERWISE NOTED</td></tr> <tr><td>DN.</td><td>DOWN</td><td>LT.</td><td>LIGHT</td><td>VERT.</td><td>VERTICAL</td></tr> <tr><td>DR.</td><td>DOOR</td><td>M.B.</td><td>MACHINE BOLT</td><td>VEST.</td><td>VESTIBULE</td></tr> <tr><td>D.S.</td><td>DOWN SPOUT</td><td>MFR.</td><td>MANUFACTURER</td><td>W.</td><td>WALL</td></tr> <tr><td>DWG.</td><td>DRAWING</td><td>MIN.</td><td>MINIMUM</td><td>W.</td><td>WOOD</td></tr> <tr><td>EA.</td><td>EACH</td><td>MIR.</td><td>MIRRORS</td><td>W.D.</td><td>WOOD DOOR</td></tr> <tr><td>E.L.</td><td>EXPANSION JOINT</td><td>MAX.</td><td>MAXIMUM</td><td>W.H.</td><td>WATER HEATER</td></tr> <tr><td>ELEV.</td><td>ELEVATION</td><td>M.D.</td><td>MOUNTED</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td>ELEC.</td><td>ELECTRICAL</td><td>MTG.</td><td>MOUNTING</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td>EQ.</td><td>EQUAL</td><td>MTL.</td><td>METAL</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td>E.P.C.</td><td>ELECTRIC WATER COOLER</td><td>NO.</td><td>NUMBER</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td>E.P.H.</td><td>ELECTRIC WATER HEATER</td><td>NO.</td><td>NUMBER</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td>EXIST.</td><td>EXISTING</td><td>N.I.C.</td><td>NOT IN CONTRACT</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td>EXT.</td><td>EXTERIOR</td><td>N.T.S.</td><td>NOT TO SCALE</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td>F.B.</td><td>FLAT BAR</td><td>O/C</td><td>ON CENTER</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td>F.L.</td><td>FLOW LINE</td><td>O/D</td><td>OUT TO OUT</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td>FDN.</td><td>FOUNDATION</td><td>O.P.N.</td><td>OPENING</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td>FIN.</td><td>FINISH FLOOR</td><td>OPP.</td><td>OPPOSITE</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td>FLR.</td><td>FLOOR</td><td>PL.</td><td>PLATE</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td>FLASH.</td><td>FLASHING</td><td>PLAM.</td><td>PLASTIC LAMINATE</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td>FLOUOR.</td><td>FLOURESCENT</td><td>PLAS.</td><td>PLASTIC</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td></td><td></td><td>PLYND.</td><td>PLYWOOD PARTITION</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td></td><td></td><td>PTN.</td><td>POINT</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td></td><td></td><td>FR.</td><td>FAIR</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td></td><td></td><td>PT.</td><td>POINT</td><td>W/O</td><td>WITHOUT</td></tr> </table>	ACOUS.	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OPPOSITE	W/O	WITHOUT	FLR.	FLOOR	PL.	PLATE	W/O	WITHOUT	FLASH.	FLASHING	PLAM.	PLASTIC LAMINATE	W/O	WITHOUT	FLOUOR.	FLOURESCENT	PLAS.	PLASTIC	W/O	WITHOUT			PLYND.	PLYWOOD PARTITION	W/O	WITHOUT			PTN.	POINT	W/O	WITHOUT			FR.	FAIR	W/O	WITHOUT			PT.	POINT	W/O	WITHOUT	<p>1. ALL WORK SHALL COMPLY TO TITLE 24, CALIFORNIA CODE OF REGULATION AND THE 1994 UNIFORM BUILDING CODE. ALL CHANGES OF WORK SHALL BE SUBMITTED TO D.S.A. FOR APPROVAL THROUGH CHANGE ORDERS AND/OR ADDENDA.</p> <p>2. IDENTIFICATION: PROVIDE A PERMANENT METAL LABEL ON EACH MODULE, MECHANICALLY FASTENED TO THE FRAME AND VISIBLE TO THE EXTERIOR, ON THE END OF THE MODULE THE LABEL SHALL SHOW THE D.S.A. APPLICATION NUMBER, THE MANUFACTURER OR THE BUILDER'S NAME, THE SERIAL NUMBER AND THE DESIGN LIVE LOADS FOR THE ROOF AND FLOOR FRAMING. TYPICAL FOR ALL BUILDING MODULES.</p> <p>3. EXIT DOOR REQUIREMENTS: ALL EXIT DOORS IN SCHOOLS, INCLUDING BUT NOT LIMITED TO DOORS OF TOILET AND STORAGE ROOMS, SHALL CONFORM WITH THE REQUIREMENTS OF CHAPTER 10 OF CBC OR SECTION 1004, TITLE 24 C.C.R. + THE FOLLOWING ARE SOME OF THE REQUIREMENTS: a) EXIT DOOR SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. b) HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30 AND 44 INCHES ABOVE FLOOR. c) DEAD BOLTS ARE NOT PERMITTED UNLESS OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE. (0.5 LBS. MAX. DOOR PRESSURE)</p> <p>4. APPLICABLE CODES 1995 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. 1998 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. + (1997 UNIFORM BUILDING CODE VOLUMES 1 - 3 AND 1994 CALIFORNIA AMENDMENTS.) 1998 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. + (1998 NATIONAL ELECTRICAL CODE AND 1998 CALIFORNIA AMENDMENTS.) 1998 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R. + (1997 UNIFORM MECHANICAL CODE AND 1998 CALIFORNIA AMENDMENTS.) 1998 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. + (1997 UNIFORM PLUMBING CODE AND 1998 CALIFORNIA AMENDMENTS.) 1998 CALIFORNIA FIRE CODE (CFC), PART 6, TITLE 24 C.C.R. + (1997 UNIFORM FIRE CODE AND 1998 CALIFORNIA AMENDMENTS.) 1998 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R. 1990 TITLE 19, C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL'S REGULATIONS</p> <p>5. PARTIAL LIST OF APPLICABLE NFPA STANDARDS: NFPA 13 - AUTOMATIC SPRINKLER SYSTEMS 1996 EDITION NFPA 14 - STANDPIPES SYSTEMS 1996 EDITION NFPA 17A - WET CHEMICAL SYSTEMS 1994 EDITION NFPA 24 - PRIVATE FIRE MAINS 1996 EDITION (CALIFORNIA AMENDED) NFPA 72 - NATIONAL FIRE ALARM CODES 1996 EDITION NFPA 253 - CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS 1996 EDITION NFPA 2001 - CLEAN AGENT FIRE EXTINGUISHING SYSTEMS 1994 EDITION</p> <p>REFERENCE CODE SECTION FOR NFPA STANDARDS - CBC (SFM) 3504.1.</p>	<p>SYMBOLS</p> <p>1 - DETAIL OR SECTION IDENTIFICATION NUMBER A-1 - SHEET WHERE DETAIL OR SECTION IS DRAWN</p> <p>A - BUILDING SECTION IDENTIFICATION LETTER A-1 - SHEET WHERE SECTION IS DRAWN</p> <p>12 - WINDOW NUMBER</p> <p>12 - DOOR NUMBER</p> <p>12 - ROOM NUMBER</p> <p>• - BENCH MARK OR WORK POINT</p> <p>A-1-B - INTERIOR ELEVATION REFERENCE</p> <p>A-1-B - DIRECTION OF VIEW A-1-B - SHEET WHERE THE ELEVATION IS DRAWN</p>	<p>PROJECT DATA</p> <p>OCCUPANCY: CLASSROOM CONSTRUCTION TYPE: V-N SEISMIC ZONE: 4 FLOOR LIVE LOAD: 50 psf + 20 PART. LOAD ROOF LIVE LOAD: 20 psf WIND LOAD: 70 mph C BUILDING AREA: (A) 10'x32' = 320 sq.ft. (B) 10'x32' = 320 sq.ft. (C) 10'x32' = 320 sq.ft.</p> <p>NO. OF STORIES: ONE FIRE SPRINKLERS: NONE SYSTEM: RIGID FRAME MODULES: 10' x 32' ROOF: BUILT UP ROOF STUD: WOOD / METAL FOUNDATION: MASONRY / CONCRETE</p> <p>NOTE - LOCATION OF BUILDING TO COMPLY WITH CHAPTER 5 - PROVISION FOR SITE. ADJACENT BUILDING PROPERTY LINES, EXTERIOR WALLS AND OPENINGS. ALLOWABLE SQUARE FOOT NOT TO EXCEED CBC 305.3 PROVISION OF ACCESS TO PUBLIC STREET BY 20 FEET UNOBSTRUCTED RIGHT OF WAY.</p> <p>FIRE ALARM SYSTEM REQUIREMENTS</p> <ol style="list-style-type: none"> FIRE ALARM SYSTEM SHALL COMPLY WITH 1998 CBC IV 1998 AMENDMENTS SEC. 305 + NFPA 72 1998 EDITION AND PART 3, ARTICLE 760 CALIFORNIA CODE OF REGULATIONS. SPECIFY TYPE OF SYSTEM WHICH IS BEING INSTALLED IN ACCORDANCE WITH THE ABOVE PROVISIONS. PROVIDE FLOOR PLANS SHOWING LOCATIONS OF ALL COMPONENTS AND A RISER WIRING DIAGRAM. PROVIDE STATE FIRE MARSHAL LISTING NUMBERS AND MANUFACTURER'S NUMBERS FOR EVERY FIRE ALARM SYSTEM COMPONENTS. PROVIDE BATTERY CALCULATIONS. EMERGENCY WARNING SYSTEMS ARE REQUIRED FOR THE HEARING IMPAIRED PER SEC. 3504.1 (G). AUDIBLE SHALL MATCH EXISTING. THE MANUFACTURER WILL PROVIDE JUNCTION BOX AND EMPTY CONDUIT WITH STRIPS FOR FIRE ALARM. SCHOOL DISTRICT WILL PROVIDE THEIR OWN FIRE ALARM SYSTEM UNDER THEIR D.S.A. PROJECT. FIRE ALARM SUBMITTAL SHALL BE AS PER D.S.A.'S LATEST FIRE ALARM POLICY. 	<p>SHEET INDEX</p> <p>T-1 TITLE SHEET T-2 TEST AND INSPECTION A-1 60'x32'- FLOOR/REFLECTED CEILING PLAN, NOTES & DETAILS. A-2 ROOF PLAN, ELEVATIONS, SECTION, KITCHEN INT. ELEVATIONS. A-2W ARCHITECTURAL DETAILS & SECTIONS - WOOD STUDS. A-3 SUSPENDED CEILING PLAN, DETAILS & NOTES. RS-JCW ROOF FRAMING PLAN, WALL FRAMING ELEVATIONS & DTL'S - WOOD STUDS. S-1W STRUCTURAL DETAILS. S-1ADD ROOF FRAMING PLAN & HVAC SUPPORT DETAIL. S-2 STRUCTURAL DETAILS. SS-2C FLOOR FRAMING PLAN & STRUCTURAL ELEVATIONS. SS-3 STD. STRUCTURAL DETAILS, SECTIONS & NOTES. S-4 MISCELLANEOUS DETAILS. F-2 60'x32' FOUNDATION - CONCRETE. F-2A FOUNDATION SECTION DETAILS & NOTES. RRL-1 RAMPS & LANDING DETAILS. RE-1 ELECTRICAL LIGHTING & POWER PLAN, DETAILS & NOTES. RRT-1 HVAC PLAN, CONTROL DIAGRAM & EQUIPMENT SCHEDULE. P-1 PLUMBING RISER DIAGRAM (ISOMETRIC) & FIXTURE SCHEDULE.</p> <p>APPROVED ARCHITECT ADRIAN J.W. LIBERA, JR. C-23195 SEP 30 2000 DIVISION OF THE STATE ARCHITECT DATE: NOV 17 1999</p>
ACOUS.	ACOUSTICAL	F.M.	FIRE MARSHAL	RAD.	RADIUS																																																																																																																																																																																																																																																																																																											
AD.	ANCHOR BOLT	F.O.C.	FACE OF CONCRETE	REF.	REFERENCE																																																																																																																																																																																																																																																																																																											
ADJ.	ADJACENT	F.O.F.	FACE OF FINISH	REQ.	REQUIRED																																																																																																																																																																																																																																																																																																											
ALUM.	ALUMINUM	F.O.M.	FACE OF MASONRY	R.	RISER																																																																																																																																																																																																																																																																																																											
APPROX.	APPROXIMATE	F.O.S.	FACE OF STUDS	R.D.	ROOF DRAIN																																																																																																																																																																																																																																																																																																											
ARCH.	ARCHITECT	FT.	FOOT, FEET	R.M.	ROOM																																																																																																																																																																																																																																																																																																											
ASPH.	ASPHALT	FTG.	FOOTING	S.C.	SOLID CORE																																																																																																																																																																																																																																																																																																											
BD.	BOARD	F.H.M.S.	FLAT HEAD MACHINE SCREW	S.D.	SCHEDULE																																																																																																																																																																																																																																																																																																											
BLDG.	BUILDING	F.H.S.M.S.	FLAT HEAD SHEET METAL SCREW	S.D.	SOAF DISPENSER																																																																																																																																																																																																																																																																																																											
BLKS.	BLOCKING	GA.	GAGE, GAUGE	SECT.	SECTION																																																																																																																																																																																																																																																																																																											
BM.	BEAM	GA.	GAGE, GAUGE	SHT.	SHEET																																																																																																																																																																																																																																																																																																											
BOT./BTM.	BOTTOM	GA.	GAGE, GAUGE	SIM.	SIMILAR																																																																																																																																																																																																																																																																																																											
CONC.	CONCRETE	GA.	GAGE, GAUGE	SPEC.	SPECIFICATION																																																																																																																																																																																																																																																																																																											
CL.	CEILING	SI.	GALVANIZED IRON	SQ.	SQUARE																																																																																																																																																																																																																																																																																																											
CLG.	CAST IRON	SI.	GALVANIZED IRON	SS.	STAINLESS STEEL																																																																																																																																																																																																																																																																																																											
CLR.	CLEAR	STD.	STANDARD	STD.	STANDARD																																																																																																																																																																																																																																																																																																											
CONJ.	CONNECTION	GYP. BD.	GYP. BOARD	SIL.	STEEL																																																																																																																																																																																																																																																																																																											
CONSTR.	CONSTRUCTION	H.B.	HOSE BID	STRUC.	STRUCTURAL																																																																																																																																																																																																																																																																																																											
CONT.	CONTINUOUS	H.C.P.	HOSE CAP	SUSP.	SUSPENDED																																																																																																																																																																																																																																																																																																											
CONTR.	CONTRACTOR	HT.	HEIGHT	TRD.	TREAD																																																																																																																																																																																																																																																																																																											
CTSK.	COUNTERSINK	H.M.F.	HOLLOW METAL FRAME	THK.	THICK																																																																																																																																																																																																																																																																																																											
D.F.	DIAMETER	H.M.	HOLLOW METAL	T.O.P.	TOP OF WALL																																																																																																																																																																																																																																																																																																											
DET.	DETAIL	H.M.D.	HOLLOW METAL DOOR	T.O.S.	TOP OF SLAB																																																																																																																																																																																																																																																																																																											
DIA.	DIAMETER	INSUL.	INSULATION	TEXT.	TEXTURE																																																																																																																																																																																																																																																																																																											
DIM.	DIMENSION	INT.	INTERIOR	UN.	UNLESS NOTED																																																																																																																																																																																																																																																																																																											
DISP.	DISPENSER	JT.	JOINT	U.O.N.	UNLESS OTHERWISE NOTED																																																																																																																																																																																																																																																																																																											
DN.	DOWN	LT.	LIGHT	VERT.	VERTICAL																																																																																																																																																																																																																																																																																																											
DR.	DOOR	M.B.	MACHINE BOLT	VEST.	VESTIBULE																																																																																																																																																																																																																																																																																																											
D.S.	DOWN SPOUT	MFR.	MANUFACTURER	W.	WALL																																																																																																																																																																																																																																																																																																											
DWG.	DRAWING	MIN.	MINIMUM	W.	WOOD																																																																																																																																																																																																																																																																																																											
EA.	EACH	MIR.	MIRRORS	W.D.	WOOD DOOR																																																																																																																																																																																																																																																																																																											
E.L.	EXPANSION JOINT	MAX.	MAXIMUM	W.H.	WATER HEATER																																																																																																																																																																																																																																																																																																											
ELEV.	ELEVATION	M.D.	MOUNTED	W/O	WITHOUT																																																																																																																																																																																																																																																																																																											
ELEC.	ELECTRICAL	MTG.	MOUNTING	W/O	WITHOUT																																																																																																																																																																																																																																																																																																											
EQ.	EQUAL	MTL.	METAL	W/O	WITHOUT																																																																																																																																																																																																																																																																																																											
E.P.C.	ELECTRIC WATER COOLER	NO.	NUMBER	W/O	WITHOUT																																																																																																																																																																																																																																																																																																											
E.P.H.	ELECTRIC WATER HEATER	NO.	NUMBER	W/O	WITHOUT																																																																																																																																																																																																																																																																																																											
EXIST.	EXISTING	N.I.C.	NOT IN CONTRACT	W/O	WITHOUT																																																																																																																																																																																																																																																																																																											
EXT.	EXTERIOR	N.T.S.	NOT TO SCALE	W/O	WITHOUT																																																																																																																																																																																																																																																																																																											
F.B.	FLAT BAR	O/C	ON CENTER	W/O	WITHOUT																																																																																																																																																																																																																																																																																																											
F.L.	FLOW LINE	O/D	OUT TO OUT	W/O	WITHOUT																																																																																																																																																																																																																																																																																																											
FDN.	FOUNDATION	O.P.N.	OPENING	W/O	WITHOUT																																																																																																																																																																																																																																																																																																											
FIN.	FINISH FLOOR	OPP.	OPPOSITE	W/O	WITHOUT																																																																																																																																																																																																																																																																																																											
FLR.	FLOOR	PL.	PLATE	W/O	WITHOUT																																																																																																																																																																																																																																																																																																											
FLASH.	FLASHING	PLAM.	PLASTIC LAMINATE	W/O	WITHOUT																																																																																																																																																																																																																																																																																																											
FLOUOR.	FLOURESCENT	PLAS.	PLASTIC	W/O	WITHOUT																																																																																																																																																																																																																																																																																																											
		PLYND.	PLYWOOD PARTITION	W/O	WITHOUT																																																																																																																																																																																																																																																																																																											
		PTN.	POINT	W/O	WITHOUT																																																																																																																																																																																																																																																																																																											
		FR.	FAIR	W/O	WITHOUT																																																																																																																																																																																																																																																																																																											
		PT.	POINT	W/O	WITHOUT																																																																																																																																																																																																																																																																																																											

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PROFILE STRUCTURES, INC.
 CONTRACTOR'S LICENSE # 248071 B1
 13228 SANTANA RD.
 SANTA FE SPRINGS, CA 90670
 (916) 921-2551
 FAX (916) 921-2553

60'x32' - CLASSROOM BUILDINGS
 RIGID FRAME - BUILT UP ROOF - WOOD/METAL STUDS
 SCALE: NOTED
 DATE: 09/06/99
 APPROVED BY: [Signature]
 DRAWN BY: PS/ANGLM
 REVISION: 11/01/99
 SANTANA ALTERNATIVE EDUCATION CENTER
 JOB NO.: M99-66
 DRAWING NUMBER: T-1
 TITLE SHEET

DIVISION OF THE STATE ARCHITECT
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 APRIL # PC-295
 DATE: NOV 17 1999
 REV. # DATE DESCRIPTION BY

DATE: NOV 17 1999
 PS: DATE STRUCTURES - REV. 11/17/99
 A2 990303

**TESTING AND INSPECTION REQUIREMENTS
 FOR SCHOOL AND HOSPITAL CONSTRUCTION**

TESTS :
 THE OWNER WILL SELECT AN INDEPENDENT TESTING LABORATORY TO CONDUCT THE TESTS. SELECTION OF THE MATERIAL REQUIRED TO BE TESTED SHALL BE BY THE LABORATORY OR THE OWNER'S REPRESENTATIVE AND NOT BY THE CONTRACTOR.
 THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE A SUFFICIENT TIME IN ADVANCE OF THE MANUFACTURE OF MATERIAL TO BE SUPPLIED BY HIM UNDER THE CONTRACT DOCUMENTS, WHICH MUST BY TERMS OF THE CONTRACT BE TESTED, IN ORDER THAT THE OWNER MAY ARRANGE FOR THE TESTING OF SAME AT THE SOURCE OF SUPPLY.
 ANY MATERIAL SHIPPED BY THE CONTRACTOR FROM THE SOURCE OF SUPPLY PRIOR TO HAVING SATISFACTORILY PASSED SUCH TESTING AND INSPECTION OR PRIOR TO THE RECEIPT OF NOTICE FROM SAID REPRESENTATIVE THAT SUCH TESTING AND INSPECTION WILL NOT BE REQUIRED SHALL NOT BE INCORPORATED IN THE JOB.
 THE OWNER WILL SELECT AND PAY TESTING LABORATORY COSTS FOR ALL TESTS AND INSPECTION, BUT MAY BE REIMBURSED BY THE CONTRACTOR FOR SUCH COSTS UNDER THE CONTRACT DOCUMENTS.

TESTS REPORTS :
 ONE COPY OF ALL TEST REPORTS SHALL BE FORWARDED TO THE DIVISION OF THE STATE ARCHITECT BY THE TESTING AGENCY. SUCH REPORTS SHALL INCLUDE ALL TESTS MADE, REGARDLESS OF WHETHER SUCH TESTS INDICATE THAT THE MATERIAL IS SATISFACTORY OR UNSATISFACTORY. SAMPLES TAKEN BUT NOT TESTED SHALL ALSO BE REPORTED. RECORDS OF SPECIAL SAMPLING OPERATIONS AS REQUIRED SHALL ALSO BE REPORTED. THE REPORTS SHALL SHOW THAT THE MATERIAL OR MATERIALS WERE SAMPLED AND TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF TITLE 24 AND WITH THE APPROVED SPECIFICATIONS. TEST REPORTS SHALL SHOW THE SPECIFIED DESIGN STRENGTH, THEY SHALL ALSO STATE DEFINITELY WHETHER OR NOT THE MATERIAL OR MATERIALS TESTED COMPLY WITH REQUIREMENTS.

VERIFICATION OF TEST REPORTS :
 EACH TESTING AGENCY SHALL SUBMIT TO THE DIVISION OF THE STATE ARCHITECT A VERIFIED REPORT IN DUPLICATE COVERING ALL THE TESTS WHICH ARE REQUIRED TO BE MADE BY THAT AGENCY DURING THE PROGRESS OF THE PROJECT. SUCH REPORT SHALL BE FURNISHED EACH TIME THAT WORK ON THE PROJECT IS SUSPENDED, COVERING THE TESTS UP TO THAT TIME, AND AT THE COMPLETION OF THE PROJECT, COVERING ALL TESTS.

INSPECTION BY THE OWNER :
 THE OWNER AND HIS REPRESENTATIVES SHALL AT ALL TIMES HAVE ACCESS FOR THE PURPOSE OF INSPECTION TO ALL PARTS OF THE WORK AND TO THE SHOPS WHEREIN THE WORK IS IN PREPARATION AND THE CONTRACTOR SHALL AT ALL TIMES MAINTAIN PROPER FACILITIES AND PROVIDE SAFE ACCESS FOR SUCH INSPECTION.
 THE OWNER SHALL HAVE THE RIGHT TO REJECT MATERIALS AND WORKMANSHIP WHICH ARE DEFECTIVE OR TO REQUIRE THEIR CORRECTION. REJECTED WORKMANSHIP SHALL BE SATISFACTORILY CORRECTED AND THE REJECTED MATERIALS SHALL BE REMOVED FROM THE PREMISES WITHOUT CHARGE TO THE OWNER. IF THE CONTRACTOR DOES NOT CORRECT SUCH REJECTED WORK WITHIN A REASONABLE TIME, FIXED BY WRITTEN NOTICE, THE OWNER MAY CORRECT SAME AND CHARGE THE EXPENSE TO THE CONTRACTOR.

SHOULD IT BE CONSIDERED NECESSARY OR ADVISABLE BY THE OWNER AT ANY TIME BEFORE FINAL ACCEPTANCE OF THE ENTIRE WORK TO MAKE AN EXAMINATION OF THE WORK ALREADY COMPLETED BY REMOVING OR TEARING OUT THE SAME, THE CONTRACTOR SHALL ON REQUEST PROMPTLY FURNISH ALL NECESSARY FACILITIES, LABOR & MATERIALS. IF SUCH WORK IS FOUND TO BE DEFECTIVE IN ANY RESPECT DUE TO THE FAULT OF THE CONTRACTOR OR HIS SUBCONTRACTOR, HE SHALL DEFRAY ALL EXPENSES OF SUCH EXAMINATIONS AND OF SATISFACTORY RECONSTRUCTION. IF, HOWEVER, SUCH WORK IS FOUND TO MEET THE REQUIREMENTS OF THE CONTRACT, THE ADDITIONAL COST OF LABOR AND MATERIAL NECESSARILY INVOLVED IN THE EXAMINATION AND REPLACEMENT SHALL BE ALLOWED THE CONTRACTOR.

INSPECTOR - OWNER'S :
 AN INSPECTOR EMPLOYED BY THE OWNER IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE OF CALIFORNIA CODE OF REGULATION, TITLE 24 PART 1, WILL BE ASSIGNED TO THE WORK. HIS DUTIES ARE SPECIFICALLY DEFINED IN TITLE 24 PART 1.
 THE WORK OF CONSTRUCTION IN ALL STAGES OF PROGRESS SHALL BE SUBJECT TO THE PERSONAL CONTINUOUS OBSERVATION OF THE INSPECTOR. HE SHALL HAVE FREE ACCESS TO ANY OR ALL PARTS OF THE WORK AT ANY TIME. THE CONTRACTOR SHALL FURNISH THE INSPECTOR REASONABLE FACILITIES FOR OBTAINING SUCH INFORMATION AS MAY BE NECESSARY TO KEEP HIM FULLY INFORMED RESPECTING THE PROGRESS AND MANNER OF THE WORK AND THE CHARACTER OF THE MATERIALS. INSPECTION OF THE WORK SHALL NOT RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO FULFILL THIS CONTRACT.

INSPECTOR - OWNER - FIELD OFFICE
 THE CONTRACTOR SHALL PROVIDE FOR THE USE OF THE OWNER'S INSPECTOR A TEMPORARY OFFICE TO BE LOCATED AS DIRECTED BY THE INSPECTOR AND TO BE MAINTAINED UNTIL REMOVAL IS AUTHORIZED BY THE OWNER. THIS OFFICE SHALL BE OFF-SHEDDENTIAL WATER-PROOF CONSTRUCTION WITH ADEQUATE NATURAL LIGHT AND VENTILATION BY MEANS OF STOCK DESIGN WINDOWS. THE FLOOR SHALL HAVE A LOCK, A TABLE SATISFACTORY FOR THE STUDY OF PLANS AND TWO CHAIRS. THE OFFICE SHALL BE PROVIDED BY THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE AND PAY FOR ADEQUATE ELECTRIC LIGHTS, PROVIDE LOCAL TELEPHONE SERVICE WITH COIN EXTERIOR BELL, AND ADEQUATE HEAT FOR THIS FIELD OFFICE UNTIL THE COMPLETION OF THE CONTRACT.

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

STATE OF CALIFORNIA
 DEPT. OF GENERAL SERVICES
 OFFICE OF THE
 STATE ARCHITECT
**STRUCTURAL
 TESTS
 AND
 INSPECTIONS**

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

COMPACTED FILL	CONC.	GUNITE	GROUT	MORTAR
Fill material, acceptance tests				
Compaction control, continuous				
Compaction tests only as ordered				
Bearing capacity of compacted fill				
REINFORCING STEEL				
Sample and test bar steel				
Sample and test mesh				
Inspect welding at job				
STRUCTURAL STEEL				
Shop fabrication inspection				
Field erection inspection				
Inspection of welds - Shop				
Inspection of welds - Field				
Inspection of riveting or bolting - Shop				
Inspection of riveting or bolting - Field				
Sample and test high strength bolts and washers				
BRICK AND BLOCK				
Sample and test				
Test only				
Inspection of placing				
Core drill samples				
GLUED LAMINATED STRUCTURAL LUMBER				
Fabrication inspection				
Sample and test steel accessories				
Inspect fabrication of steel accessories				

SUITABILITY TESTS

CONCRETE	GUNITE	MORTAR	GROUT
Sodium sulphate			
Structural strength			
Low Angeles raster			
Clay (hydrometer method)			
Reactivity tests			
Volume change			

MIX DESIGNS: CONCRETE, GROUT, MORTAR OR GUNITE

MATERIAL	MAXIMUM SIZE	COMPRESSIVE STRENGTH, PSI, MINIMUM

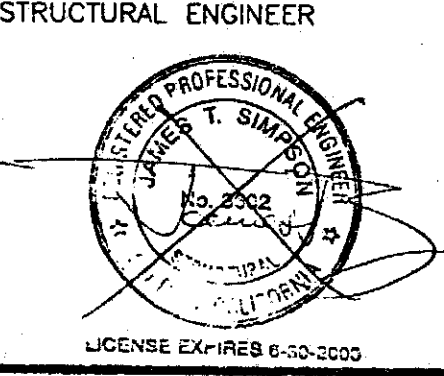
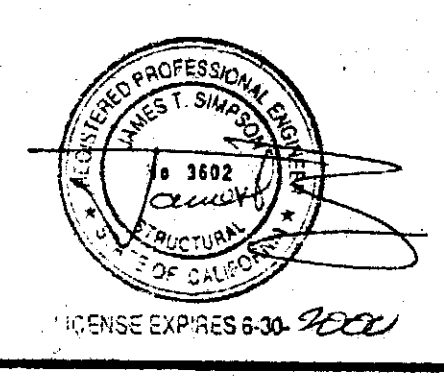
List of structural steel members to be tested:

(If this list continued on reverse: Yes No)

Other Tests and Inspections, together with special instructions: _____
 Copies of Reports to: _____

(Are these instructions continued on reverse: Yes No) BY: _____
 AUTHORIZED REPRESENTATIVE Form 411-11.

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STRUCTURAL ENGINEER ARCHITECT

PS PROFILE STRUCTURES, INC.
 CONTRACTORS LICENSE # 248071 81
 (310) 921-2551 13928 CARHAINITA RD. SANTA FE SPRINGS CA 90670
 FAX (310) 921-2263

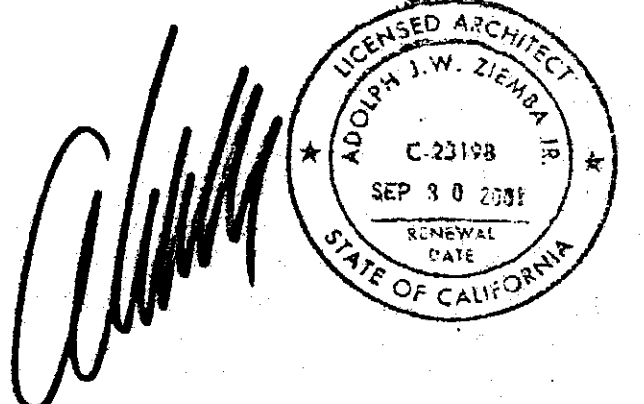
30'40'30'60'x32' - CLASSROOM BUILDINGS
 RIGID FRAME - BUILT UP ROOF - WOOD/METAL STUDS
 SCALE: NOTED DATE: 07/22/96 APPROVED BY: _____
 DRAWN BY: FS/NCJ/M REVISION: 11/01/99
SANTANA ALTERNATIVE EDUCATION CENTER
 JOB NO. 149-66 EC-245
 DRAWING NUMBER: T-2

DIVISION OF THE STATE ARCHITECT
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 APPL. # PS-295
 AC: FLS SS 4 LUP
 DATE: OCT 03 88

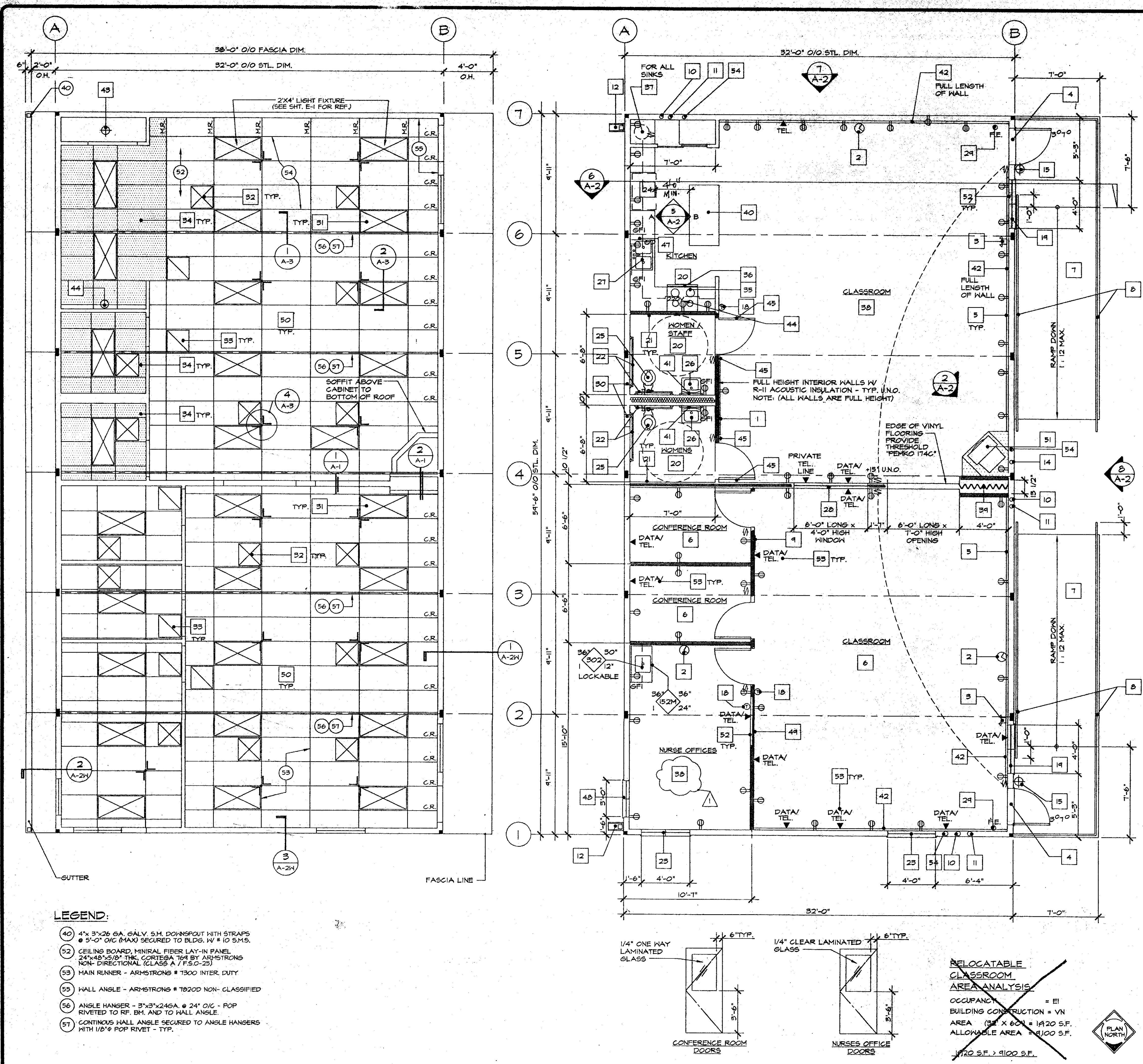
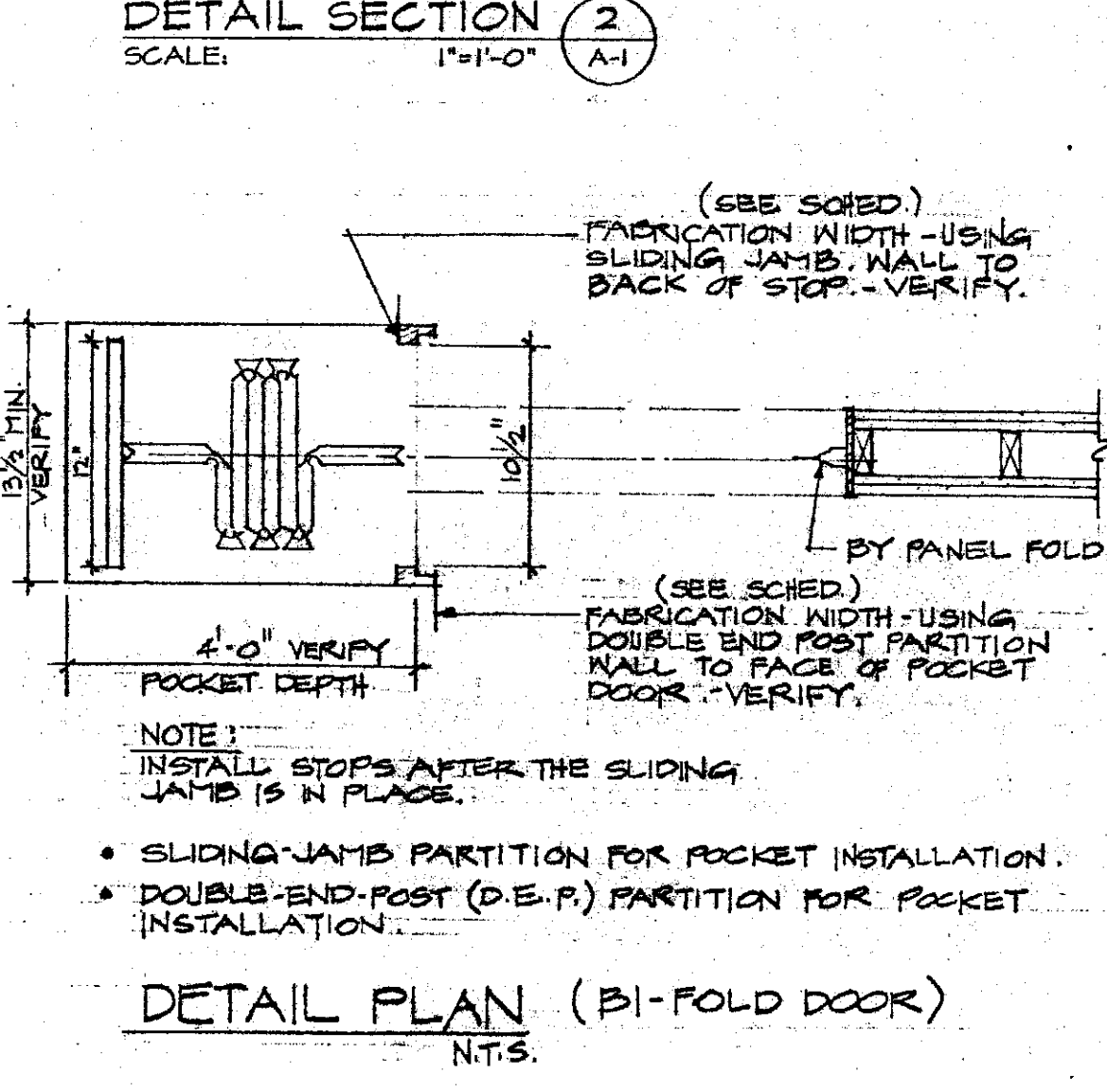
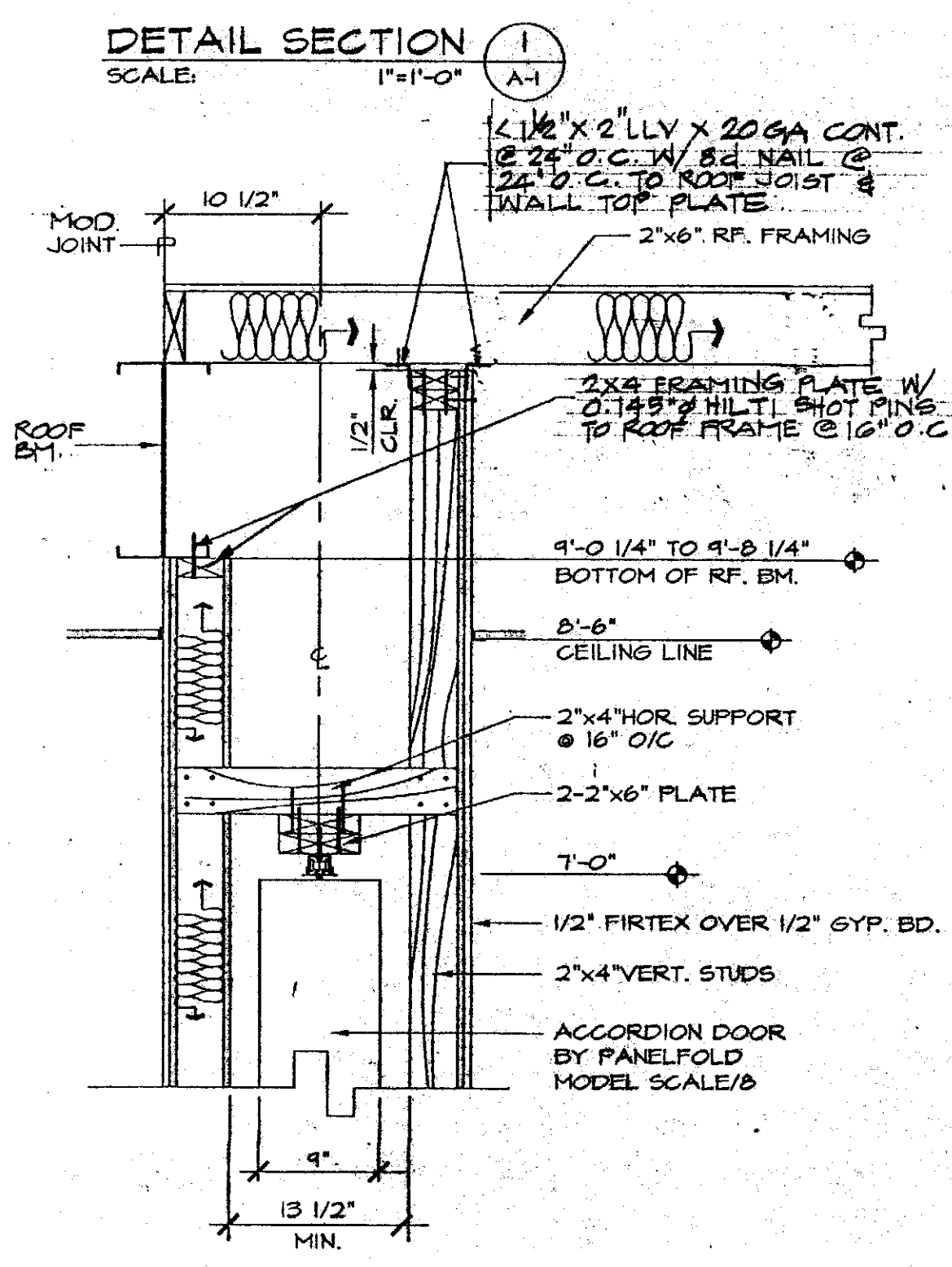
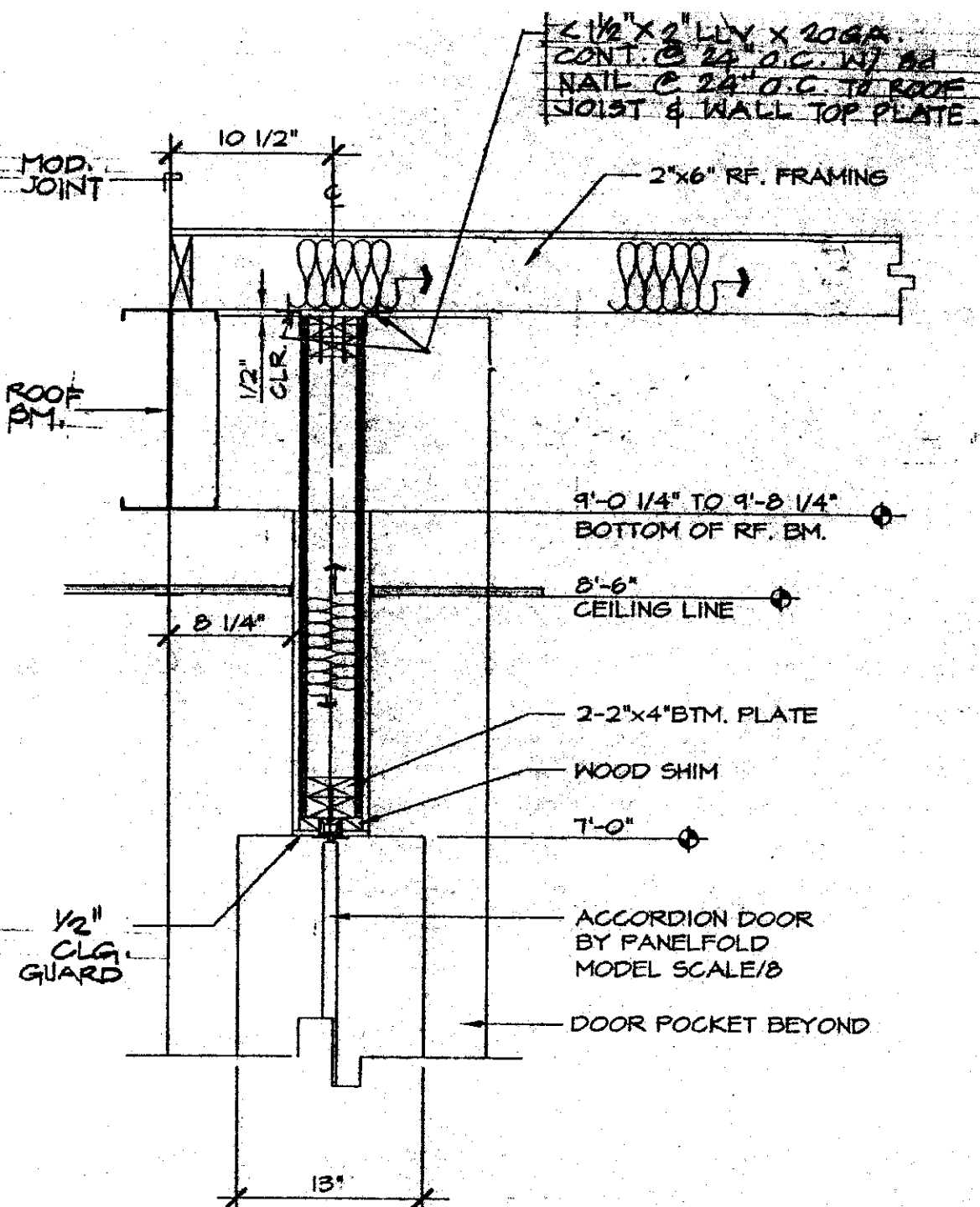
NOT FOR CONSTRUCTION

JAN 18 2000
 REV. # DATE DESCRIPTION BY:

AZ 990303



IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP# 102932
 AC: FLS SS 4
 DATE: NOV 17 1999



KEYNOTES

52	SUPPLY DIFFUSER	1	4'-0" x 6'-0" PROJECTION MARKER BOARD
53	RETURN AIR GRILLE	2	CLOCK OUTLET
54	WASHABLE TILE AT KITCHEN & TOILETS (VINYL COVERED)	3	EMERGENCY LIGHT - LOCATION AS SELECTED BY DISTRICT
55	ELECTRIC RANGE - SEE SPECS. WIDTH-30" DEPTH-21" HEIGHT-5-1/16"	4	HANDICAPPED APPROVED THRESHOLD
56	ELECTRIC OVEN - SEE SPECS. WIDTH-24 3/4" DEPTH-25 5/8" HEIGHT-26 15/16"	5	VINYL COVERED TACK BOARD WALLS
57	ELECTRIC WATER HEATER	6	CARPET
58	SHEET VINYL FLOORING WITH 4" TOPSET BASE	7	CONCRETE RAMP AND LANDING
59	ACCORDION DOOR	8	GALVANIZED HANDRAILS / RAILINGS
60	KITCHEN DEMONSTRATION COUNTER AND CABINET	9	RECESSED ELECTRICAL PANEL / PANELS AS REQUIRED
61	MIRROR	10	1" BLANK CONDUIT FOR TELEPHONE
62	COMPUTER DATA, ELECTRICAL & TELEPHONE RACEWAY	11	3/4" BLANK CONDUIT FOR INTERCOM
63	MULTI-CHANNEL SURFACE NON-METALLIC RACEWAY (3) COMPARTMENTS, WIREMOLD SERIES 3500 WITH CONVENIENCE OUTLETS & COMPUTER JACKS (COLOR AS SELECTED). WIRE COMPLETE FOR CONVENIENCE OUTLETS ONLY. MOUNT 15" ABOVE FINISH FLOOR. PROVIDE 2" BLANK CONDUIT ONLY IN HALL CONNECT TO RACEWAYS (STUB ABOVE CEILING) FOR FUTURE DATA. PROVIDE 1" CONDUIT IN HALL CONNECT TO RACEWAY (STUB ABOVE CEILING FOR FUTURE TEL. WIRING).	12	CONCRETE SPLASH BLOCK
64	15 WATT FLUORESCENT LIGHT FIXTURE	13	A.C. UNIT
65	RANGE EXHAUST FAN THRU ROOF	14	1/2" BLANK CONDUIT ADD EXTERIOR COVER PLATE FOR FUTURE FLOODLIGHT
66	DISABLED PERSONS SIGNAGE	15	EXTERIOR LIGHT FIXTURE
67	PRE-FABRICATED SELF FLASHING MECHANICAL FRAME	16	MINERAL SURFACE GAP SHEET ROOF GUTTER & DOWNSPOUTS
68	OUTLET BELOW SINK FOR GARBAGE DISPOSAL	17	THERMOSTAT
69	3'-0" x 5'-0" ALUMINUM SLIDER WINDOW WITH 1/4" LAMINATED GLASS GRAYLITE (4) AND SCREEN	18	4'-0" x 4'-0" ALUMINUM SLIDER WINDOW WITH 1/4" LAMINATED GLASS GRAYLITE (4) AND SCREEN
70	4'-0" LONG 4'-0" HIGH (TOP OF WINDOW 1'-0" ABOVE FINISH FLOOR) FIXED WINDOW USE 1/4" CLEAR LAMINATED GLASS IN FIXED ALUMINUM FRAME. FRAME TO BE DARK BRONZE. BRONZE POWDER FINISH.	19	SHEET VINYL FLOORING WITH 4" SELF COVERED BASE
71	4'-0" LONG 4'-0" HIGH (TOP OF WINDOW 1'-0" ABOVE FINISH FLOOR) FIXED WINDOW USE 1/4" CLEAR LAMINATED GLASS IN FIXED ALUMINUM FRAME. FRAME TO BE DARK BRONZE. BRONZE POWDER FINISH.	20	MARLITE WALL PANELS FULL HEIGHT (ROBROCK SERIES B-6106)
72	2'-0" x 4'-0" ACOUSTICAL T-BAR CEILING	21	HANDICAPPED GRAB BARS
73	1" MINI BLINDS AT ALL INTERIOR AND EXTERIOR WINDOWS - COLOR AS SELECTED BY "LEVOLOR" AS PER ADDENDUM # (N.I.C.)	22	4'-0" x 4'-0" ALUMINUM SLIDER WINDOW WITH 1/4" LAMINATED GLASS GRAYLITE (4) AND SCREEN
74	DATA/TELEPHONE - PROVIDE ONE OUTLET FOR EACH FUNCTION - INSTALL 1" CONDUIT ONLY FOR TELEPHONE INTERCONNECT ALL OUTLETS & STUBS ABOVE CEILING - INSTALL 2" CONDUIT ONLY FOR DATA, INTERCONNECT ALL OUTLETS & STUBS ABOVE CEILING. PROVIDE FULL WIRES FOR ALL CONDUITS.	23	REFRIGERATOR SPACE ONLY
75	2" BLANK CONDUIT FOR DATA	24	WATER CLOSET
		25	LAVATORY
		26	KITCHEN SINK WITH GARBAGE DISPOSAL
		27	6'-0" LONG 4'-0" HIGH (TOP OF WINDOW 1'-0" ABOVE FINISH FLOOR) FIXED WINDOW USE 1/4" CLEAR LAMINATED GLASS IN FIXED ALUMINUM FRAME. FRAME TO BE DARK BRONZE. BRONZE POWDER FINISH.
		28	FIRE EXTINGUISHER
		29	WALL EXHAUST FAN - TIE INTO FLUORESCENT LIGHT FIXTURE
		30	* WASHABLE CLG. TILE @ KITCHEN & TOILET ROOMS

EXIT DOOR REQUIREMENTS

ALL EXIT DOOR IN SCHOOL BUILDINGS INCLUDING BUT NOT LIMITED TO DOORS OF TOILETS AND STORAGE ROOMS, SHALL CONFORM WITH THE REQUIREMENTS OF CHAPTER 10 C.B.C. OR SECTION 1004, TITLE 24, C.C.R.

THE FOLLOWING ARE SOME OF THE REQUIREMENTS:

- EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
- HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 33 AND 44 INCHES ABOVE THE FIN. FLOOR.
- DEAD BOLTS ARE NOT PERMITTED UNLESS OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE. (8.5 LBS. MAX. DOOR PRESSURE)

DOOR SCHED. FOR 60' x 32' CLASSROOM:

TYPE	SIZE	FRAME
D-1	32' x 78' x 1 3/8" x 18GA. HOLLOW METAL	16 GA. F. METAL FRAME

HARDWARE	
LOCKSET:	D70PD RHODES (SCHLAGE)
CLOSER:	1600 - SERIES (NORTON)
BUTTS:	TA2714 N.R.P. 4 1/2" x 4 1/2" P.C. (MCKINLEY)
THRESHOLD:	171A x 36" LG. (PEMCO)
DOOR BOTTOM:	216 AV-36" LG. (PEMCO)
WEATHERSTRIP:	319 AN (PEMCO)

NOTES

PROVIDE PANIC HARDWARE AS REQUIRED. (VON DUPRIN 22 50 SERIES RIM DEVICES)

RELOCATABLE CLASSROOM AREA ANALYSIS
 OCCUPANCY = EI
 BUILDING CONSTRUCTION = VN
 AREA (32' x 60') = 1920 S.F.
 ALLOWABLE AREA = 1900 S.F.
 1920 S.F. > 1900 S.F.

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

CHECKED BY: AZ DATE: 05/17/99
 DRAWN BY: FL JOB NO: 990425
 DESIGNED BY: AZ
 PREPARED BY: AZ

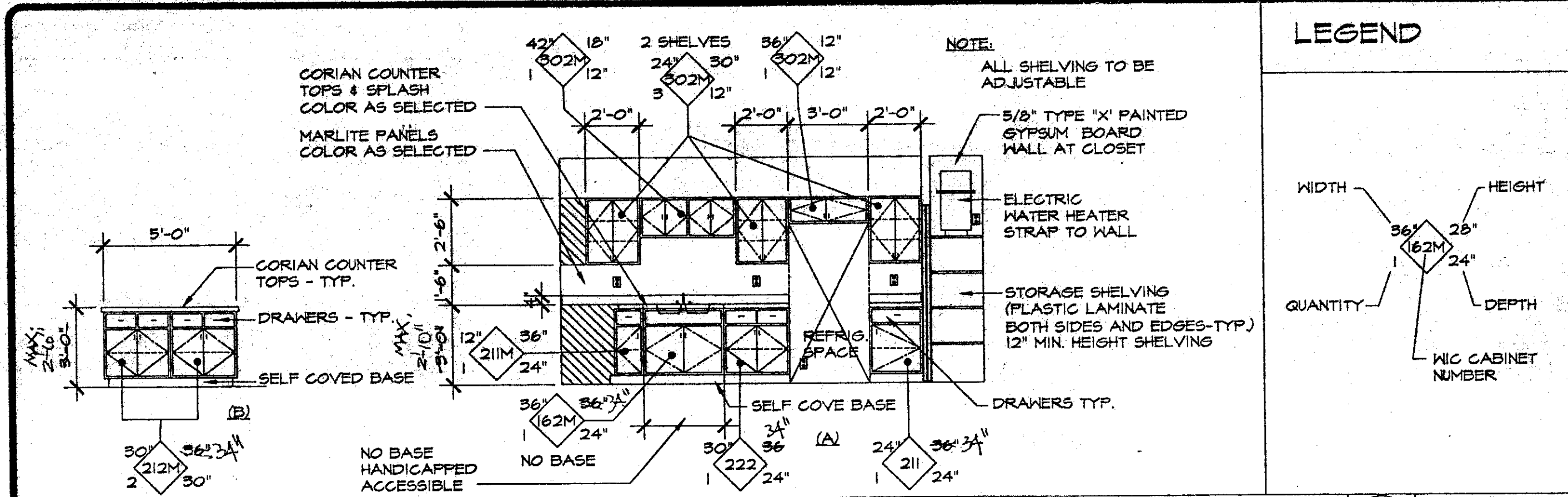
AS PER FAX MEMORANDUM # 42. THE ARCHITECT DATED: 8/25/99

REVISION BY DATE

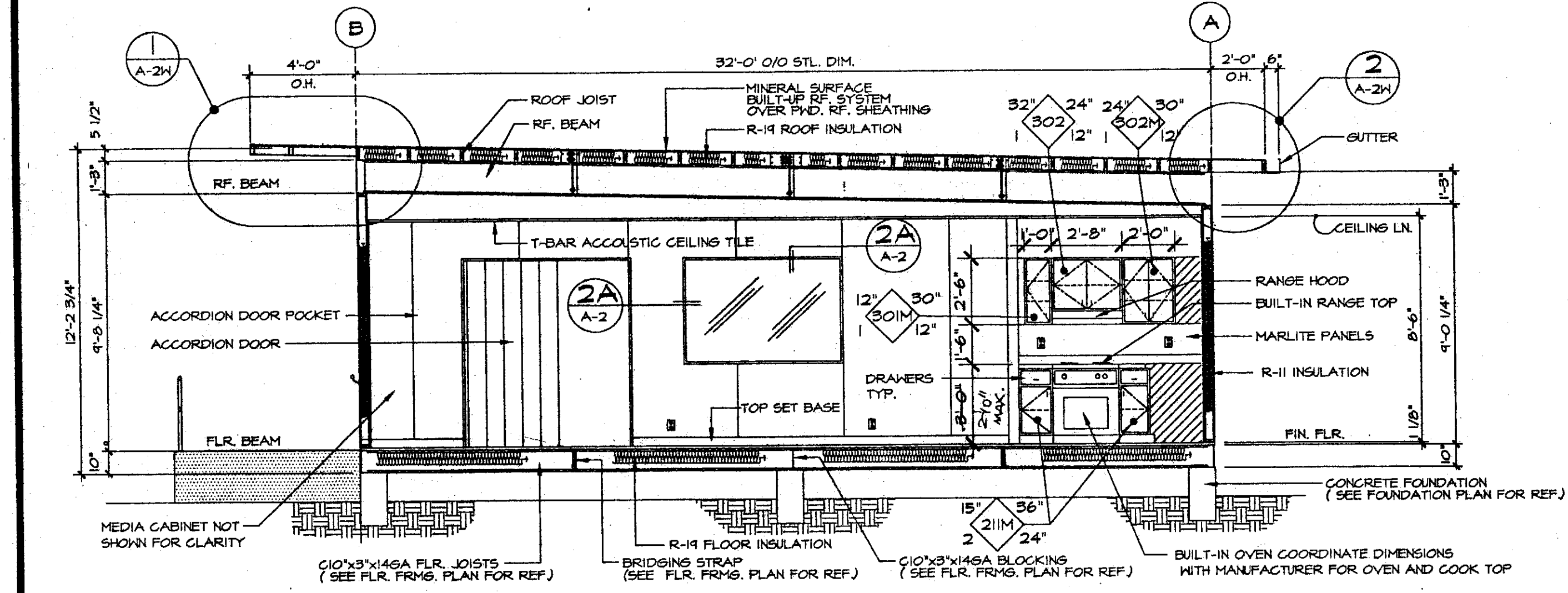
ADOLPH ZIEMBA, AIA & ASSOCIATES, INC.
 111 N. FIRST STREET, SUITE 204, RIVERBANK, CA 95128
 PHONE (916) 841-2585 FAX (916) 841-7765

FLOOR PLAN & REFLECTED CEILING PLAN
 SANTANA ALTERNATIVE EDUCATION CENTER
 ROWLAND UNIFIED SCHOOL DISTRICT
 1830 LOSALES ST., ROWLAND HEIGHTS, CA 91748

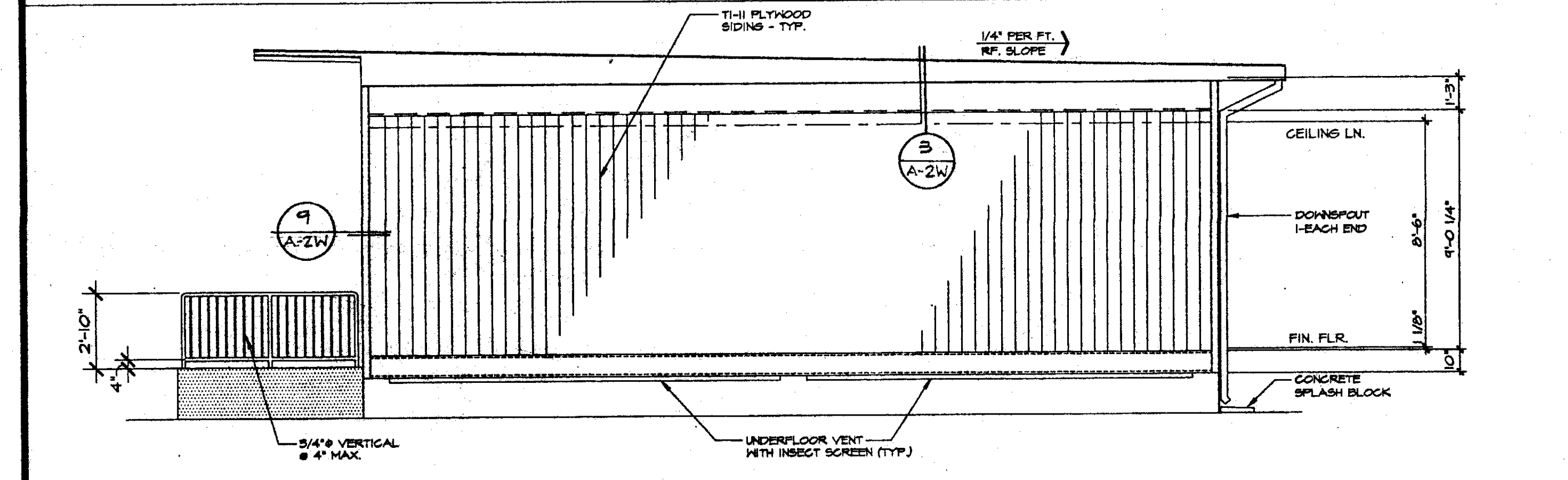
IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 102932
 REVIEWED FOR
 DATE: NOV 17 1999



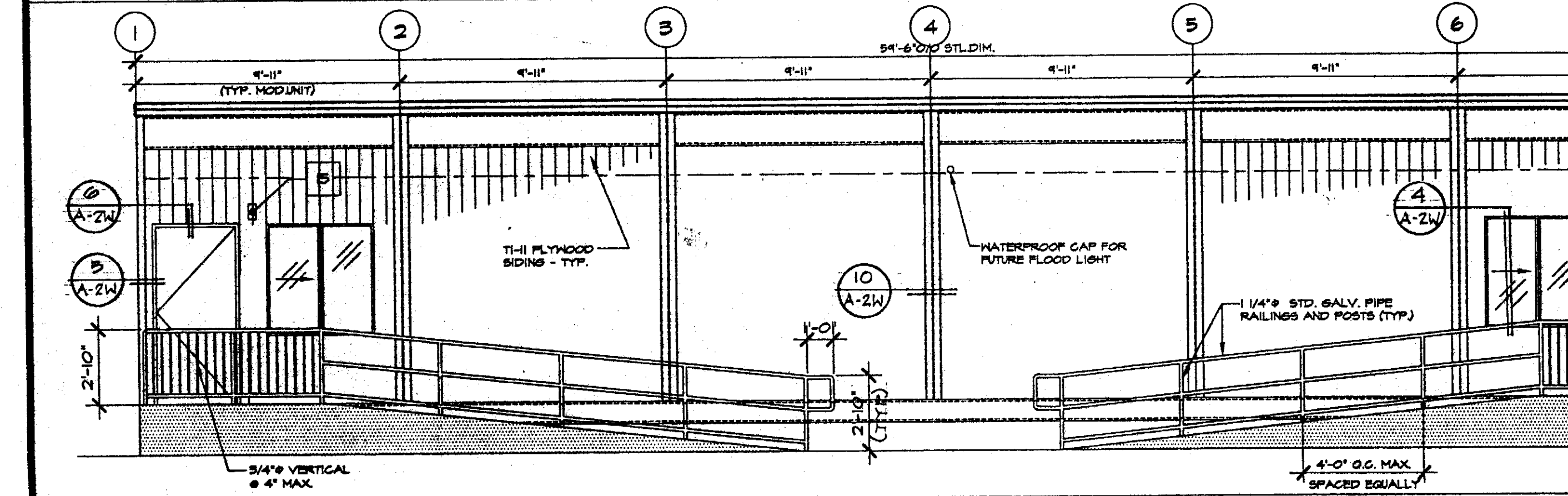
KITCHEN ELEVATIONS 5 SCALE: 1/4" = 1' - 0"



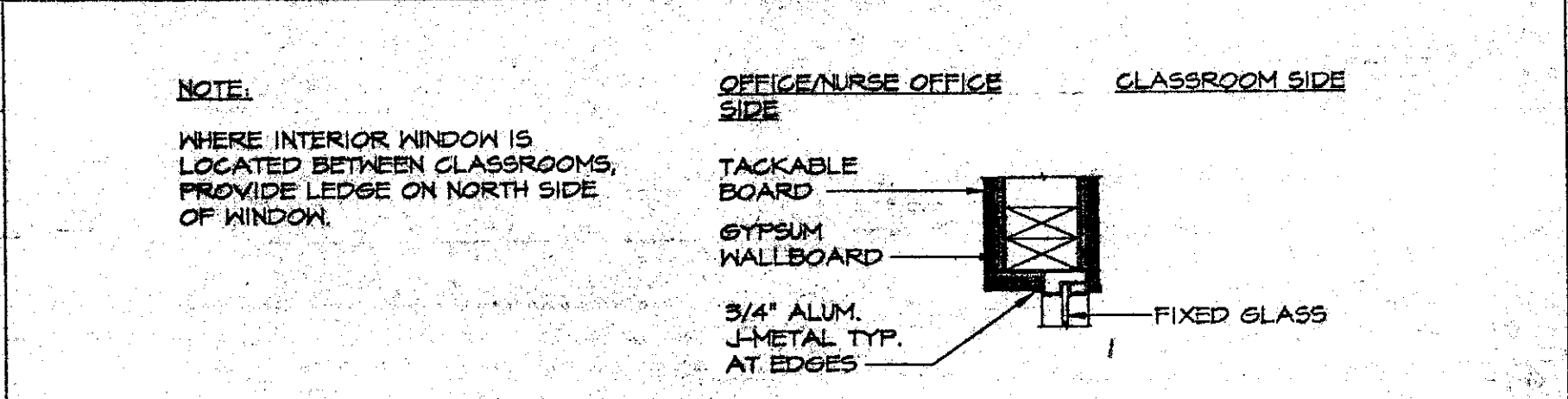
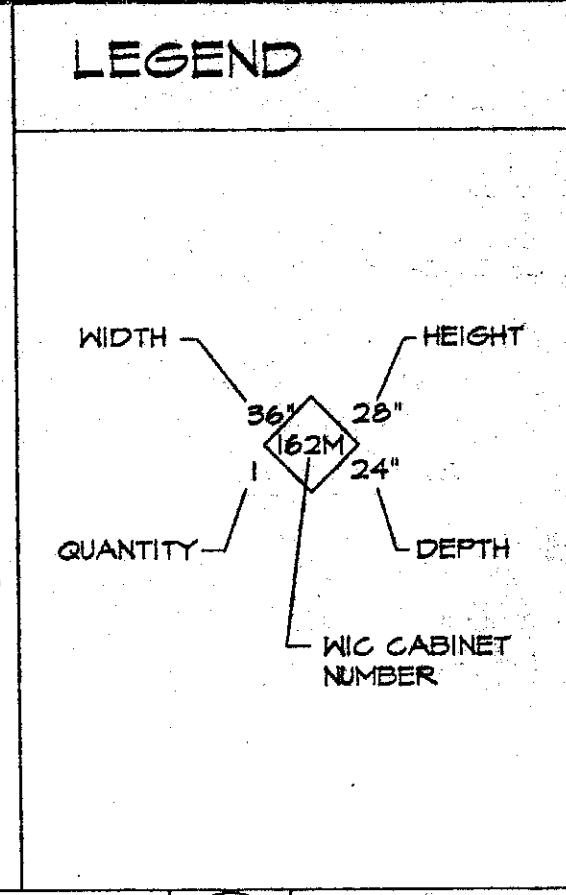
BUILDING SECTION 6 SCALE: 1/4" = 1' - 0"



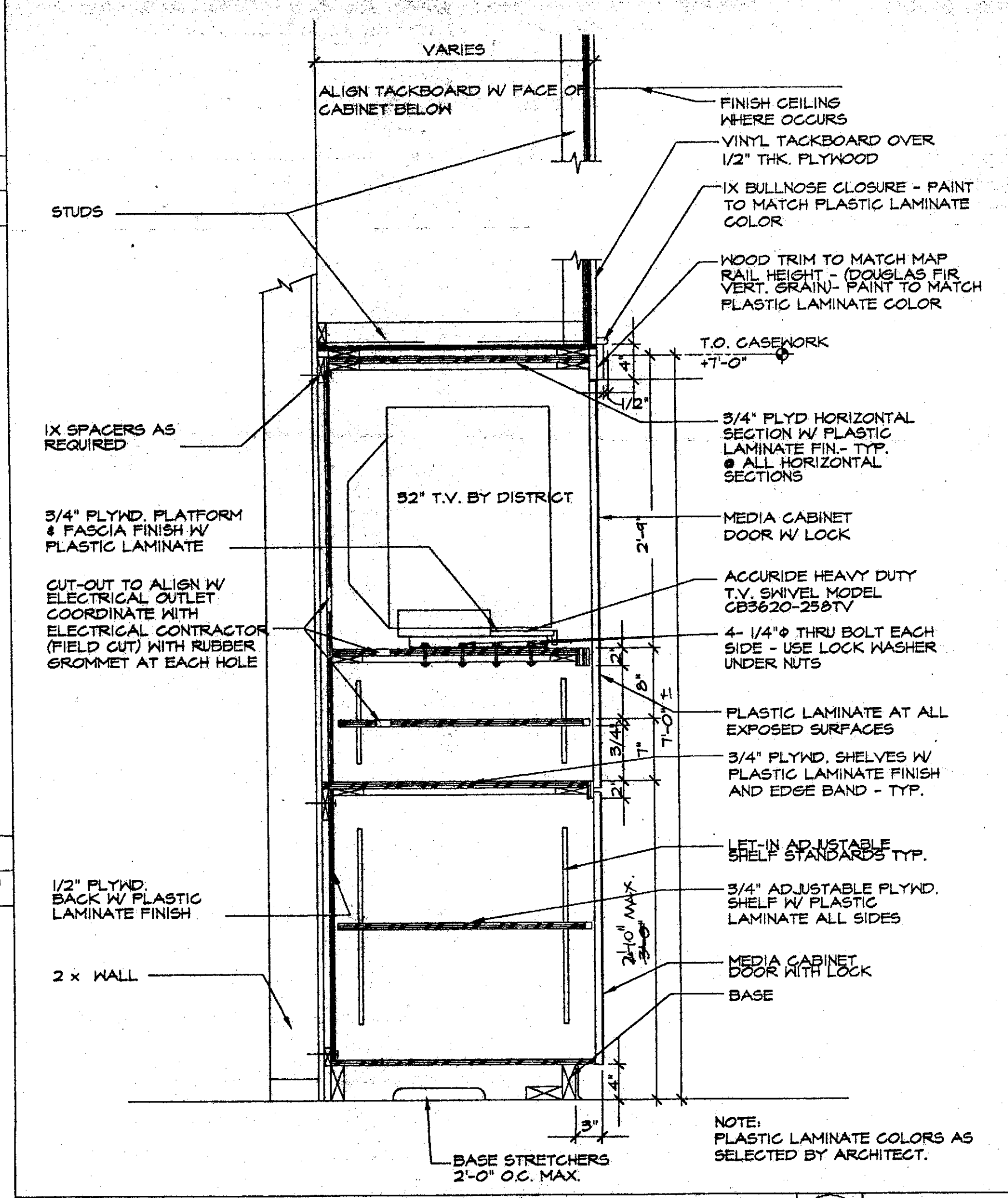
SIDE ELEVATION 7 SCALE: 1/4" = 1' - 0"



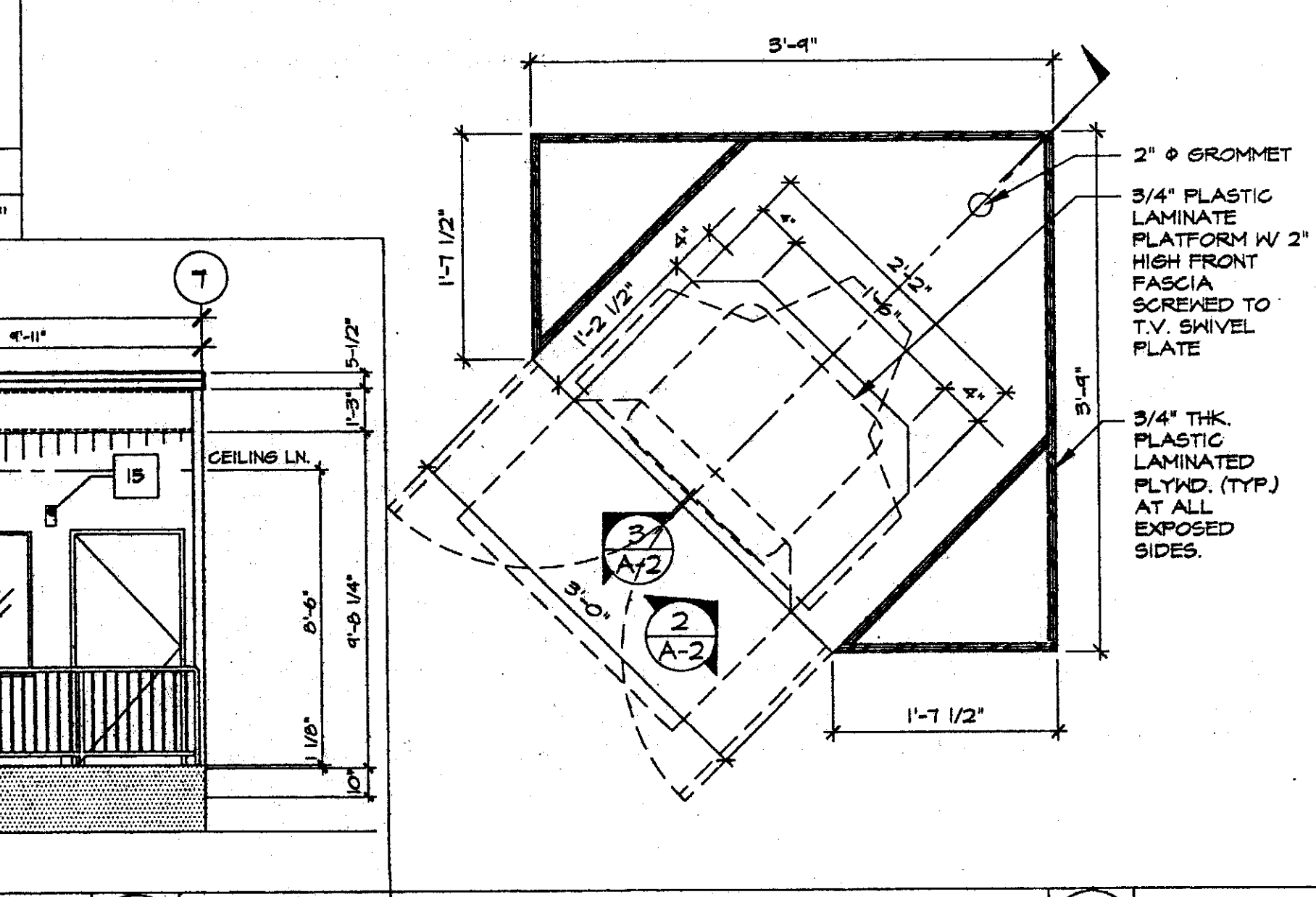
FRONT ELEVATION 8 SCALE: 1/4" = 1' - 0"



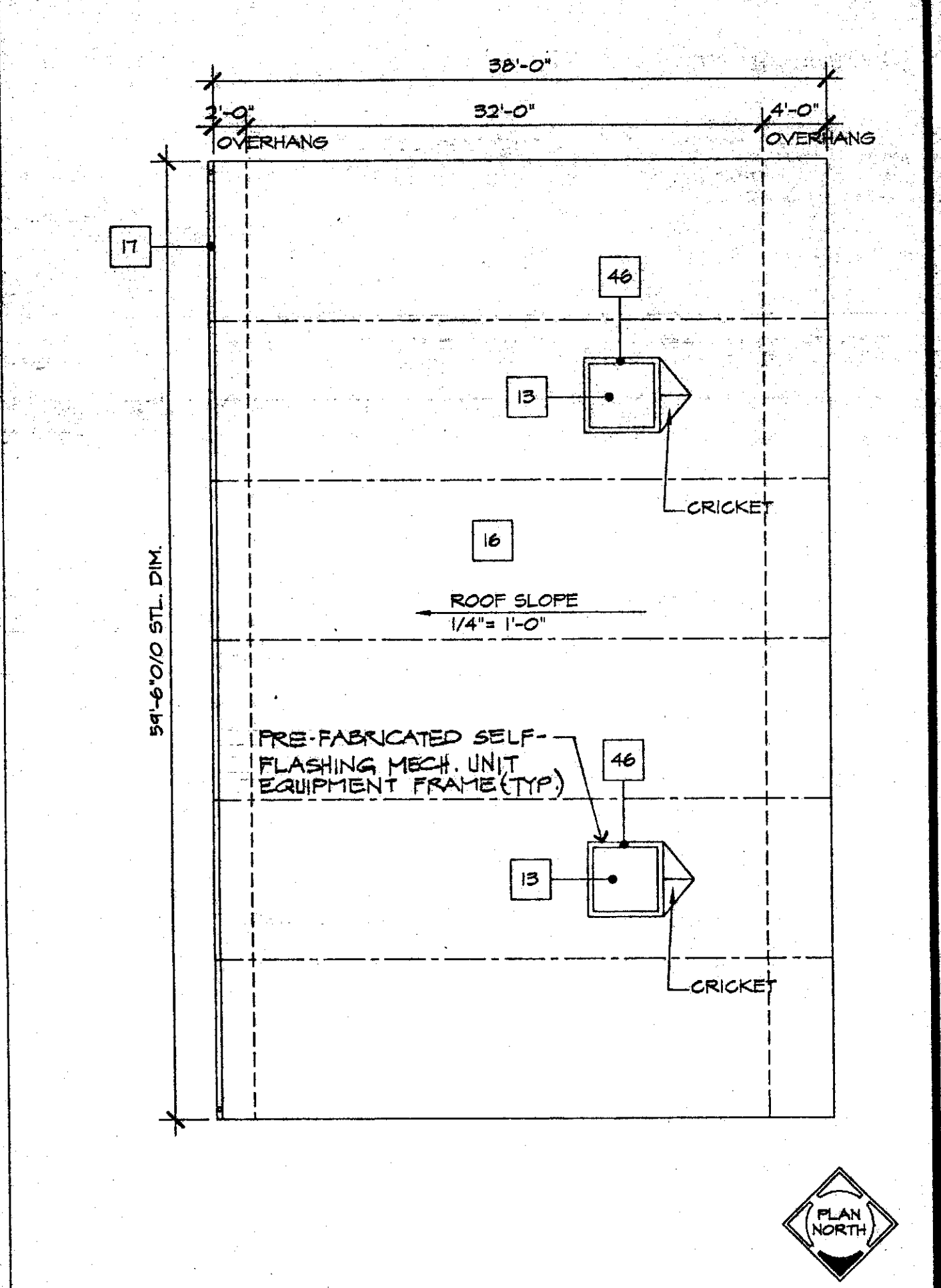
TYP. INTERIOR WINDOW DETAIL 2A SCALE: 1/2" = 1' - 0"



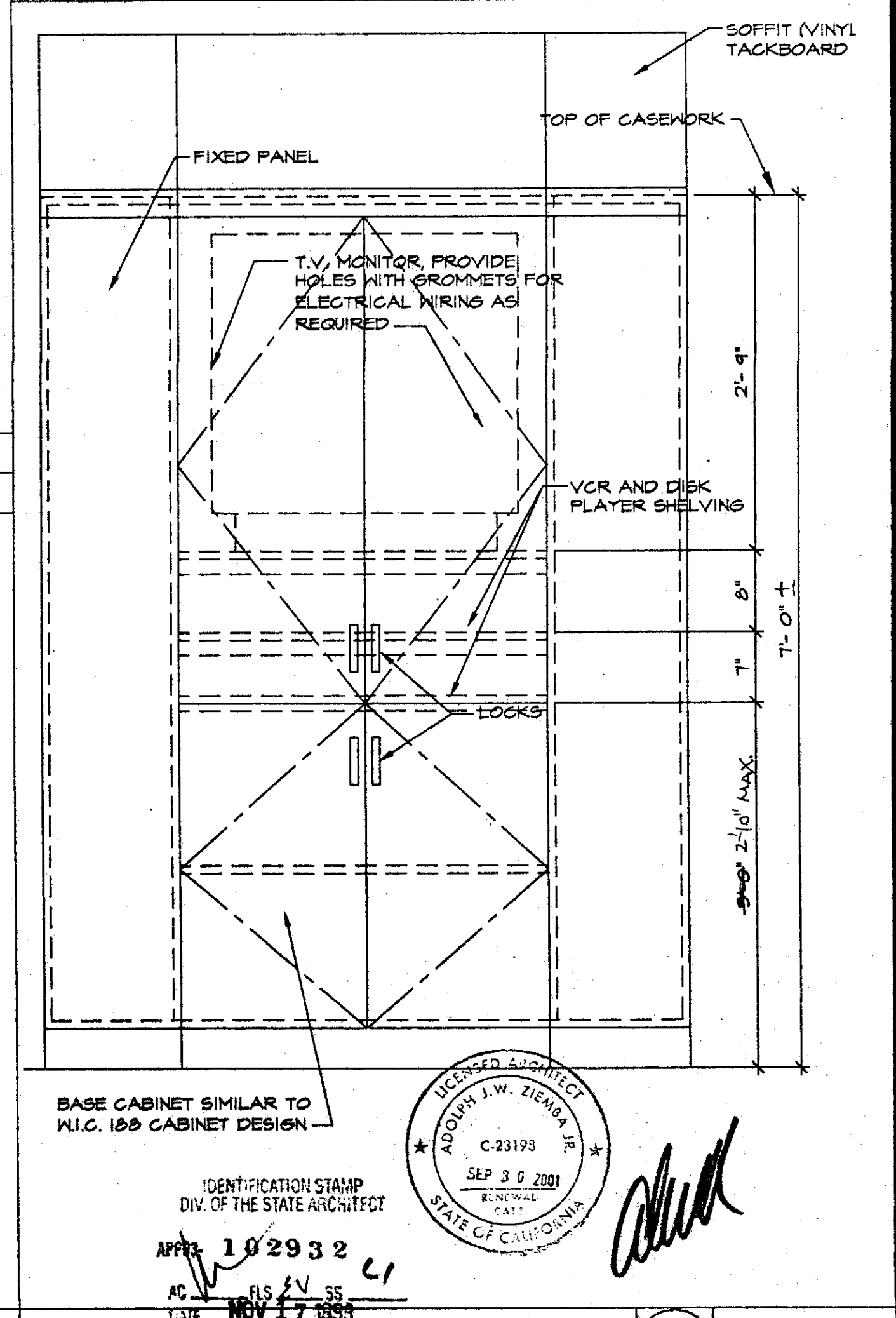
MEDIA CABINET SECTION 3 SCALE: 1" = 1' - 0"



MEDIA CABINET PLAN 4 SCALE: 1" = 1' - 0"



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



MEDIA CABINET ELEV. 2 SCALE: 1" = 1' - 0"

DATE: 09/17/99
 JOB NO: 990425

CHECKED BY: AZ
 DRAWN BY: THG
 DESIGNED BY: AZ
 PREPARED BY: 990425

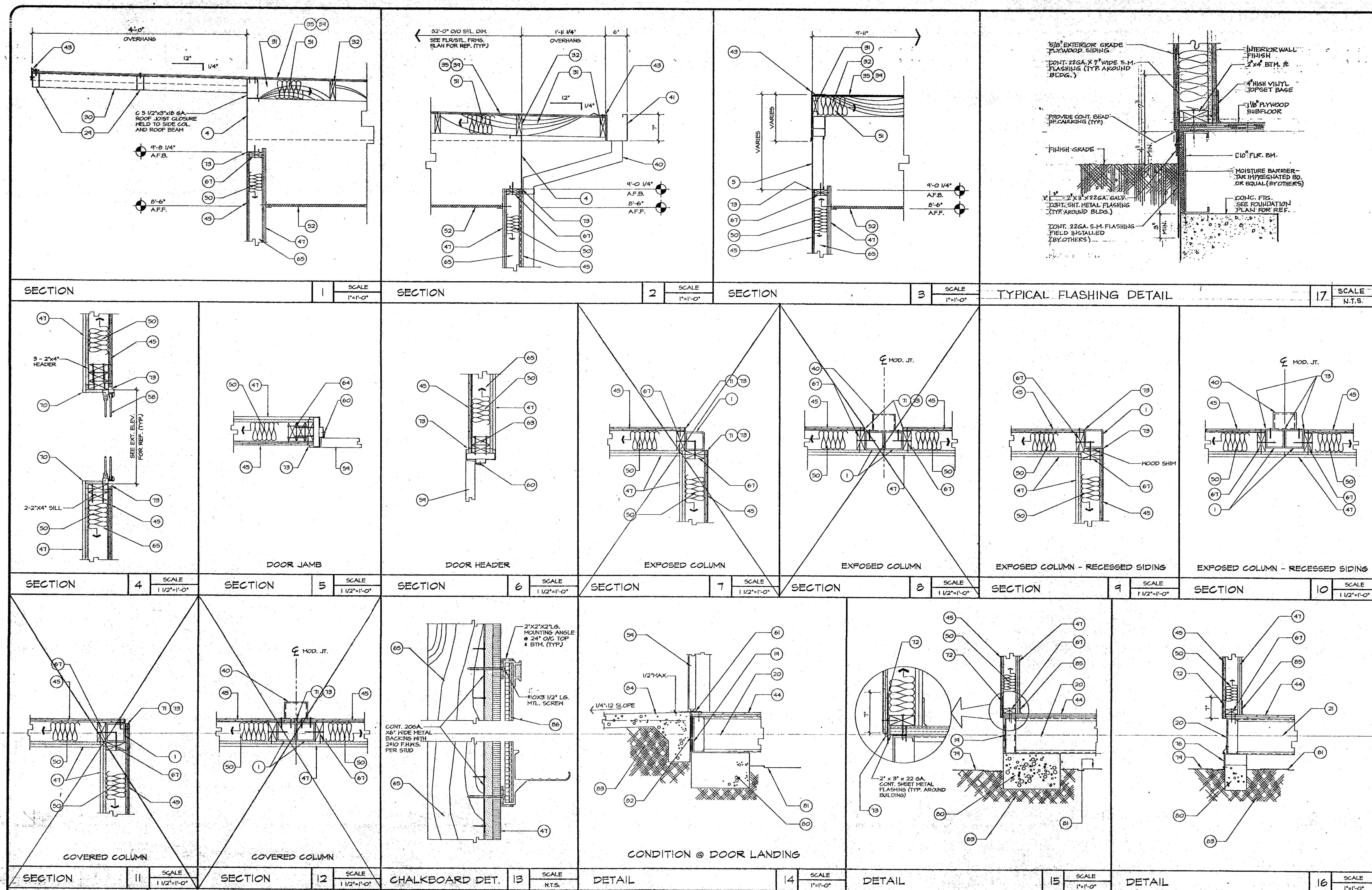
NO.	DATE	REVISION	BY

ADOLPH ZIEMBA, AIA & ASSOCIATES, INC.
 111 N. FIRST STREET, SUITE 204, BURBANK, CA 91502
 PHONE (818) 841-2585 FAX (818) 841-7782

ROOF PLAN, ELEVATIONS, SECTION, KITCHEN ELEVATIONS
 SANTANA ALTERNATIVE EDUCATION CENTER
 ROWLAND UNIFIED SCHOOL DISTRICT
 1830 NOGALES ST., ROWLAND HEIGHTS, CA 91748

A-2

JAN 18 2000



- REFERENCE NOTES (AS APPLICABLE)**
- TS 3 1/2"x3 1/2" 11 GA. COLUMN
 - TS 3 1/2"x3 1/2" 11 GA. INTERMEDIATE COL.
 - STL. PL. 1/4" x 3 1/2" x 0-1/2" OUTRIGGER/ COLUMN SUPPORT
 - C 15"x3 3/8"x1/2 6A. END ROOF BEAM
 - C 15"x3 3/8"x1/2 6A. SIDE ROOF BEAM
 - C 15"x3 3/8"x1/2 6A. SLOPE # MOD. JOINT (TYP)
 - C 10"x3"x1/4 6A. ROOF BEAM
 - 3/8" THK STIFFENER PLATE
 - 1/4" THK. COLUMN CAP PLATE (TOP & BOT)
 - 3/4" NUT, TACKHELD INSIDE CAP PLATE
 - L 2 1/2"x2 1/2"x3/8"x0-2 3/4" L6. CLIP
 - L 2 1/2"x2 1/2"x3/8"x0-3 1/2" L6. CLIP
 - L 2 1/2"x2 1/2"x3/8"x0-5" L6. CLIP
 - 1/8" HOLES W/ 1/2" NUT TACKHELD INSIDE COL.
 - 2 1/2"x2 1/2"x3/8" STEEL PLATE
 - 1/2" MACHINE BOLT (TYP)
 - C 10"x3"x1/4 6A. FLOOR END BEAM (TYP)
 - C 10"x3"x1/4 6A. FLOOR SIDE BEAM/JOIST (TYP)
 - C 10"x3"x1/4 6A. BLOCKING
 - 1 1/4" WIDE x 20 GA. BRIDGING STRAPS
 - L 2"x2"x1/4 6A. # EXT. SIDES OF MODULES & BRIDGING STRAPS LOCATION ONLY (SEE FLOOR FRAMING PLAN)
 - L 5"x3"x1/4 6A. X0-6" L6.
 - TS 3 1/2"x3 1/2"x1/8"x0-4" L6. LEDGER. SEE DETAIL FOR REF. (INSTALL TO MATCH SLOPE OF RIM JOIST)
 - TS 3 1/2"x3 1/2"x1/8"x0-1" L6. LEDGER. SEE DETAIL FOR REF. (INSTALL TO MATCH SLOPE OF RIM JOIST)
 - TS 4"x2"x1/8 6A. ROOF JOIST HELDED TO EACH END TO TS 4"x2"x1/8 6A. OUTRIGGER (TYP)
 - TS 4" x 2" x 1/8 6A. OUTRIGGER HELDED TO TS 3 1/2"x3 1/2"x1/8 6A. COL. (SEE RP. FRAMING PLAN FOR REF. (TYP))
 - 2"x6" D.F. #2 (AT ROOF PANEL JOINT) SPIKE TOGETHER W/ 1/4" GALV. BOX NAILS (2) ROWS STAGGED. (TYP) SEE ROOF FRAMING PLAN FOR REF. (TYP)
 - 2"x6" D.F. #3 ROOF JOIST # 24" O/C. W/ (3) 1/4" NAILS # EA. END, (RIM JOIST TO ROOF JOIST) (TYP) W/ LB-26 SIMPSON JOIST HANGERS # EXTERIOR SIDES ONLY (SEE ROOF FRAMING PLAN FOR REF.)
 - (2) 2"x4" (PLAT) STUD POST SPIKE TOGETHER W/ 1/4" SQUARE HOLES ON 25 GA. SHEET METAL FRAME RIVETED TO 2-4 GA. SHEET METAL BRACKET ON TOP & SCREENED TO FLOOR BEAM & CONC. FOOTING WITH #3 @ 12" O/C. S.M.S. WITH EXPANSION SHIELD # 24" O/C.
 - L-26 SIMPSON JOIST HANGERS (TYP)
 - 1/2" THK PLYWOOD SHEATHING (TYP) STRUCT. GOK-5-PLY EXTERIOR GRADE W/ 8d GALV. BOX NAILS # 6" O/C ON ALL EDGES AND # 12" O/C IN FIELD (TYP) SEE ROOF FRAMING PLAN FOR REF. (TYP)
 - L-26 SIMPSON JOIST HANGERS (TYP) SEE ROOF FRAMING PLAN FOR REF. (TYP)
 - 6" x 8" L6. X 18 GA. SHT. METAL HOLD DN. PLATE W/ (3) 1/2" X 1/2" L6. WOOD SCREWS TO RIM JOIST, HELDED TO STL. TUBE RISER STOOL. AT PANEL JOINT. SEE DETAIL FOR REF. (TYP)
 - 6" x 14" L6. X 18 GA. SHT. METAL HOLD DN. PLATE W/ (3) 1/2" X 1/2" L6. WOOD SCREWS TO RIM JOIST, HELDED TO STL. TUBE RISER STOOL. AT PANEL JOINT. SEE DETAIL FOR REF. (TYP)
 - CLASS "A" MINERAL SURFACE BUILT-UP ROOFING SYSTEM BY USP ROOFING PRODUCTS OR ARGUMENT APPROVED EQUAL TO CONFORM TO "99" SPECIFICATION NO. A-4-M-3 (TYP) **UL-R-1656 (N)**
 - 4"x8"x26 6A. GALV. S.M. DOWNSPOUT WITH STRAPS # 3"x2" O/C (MAX) SECURED TO BLDG. W/ #10 S.M.S.
 - CONT. 24GA. GALV. GUTTER
 - 4"x3"x26 6A. GALV. S.M. OVERFLOW
 - 24 GA. CONT. GALV. FASCIA
 - 2-4" PLYWOOD FLOOR DECK - (D.F.) PSI-83 T16 1" THK WITH #10 @ 18" L6. FIRST SCREWS # 6" O/C ON EDGES & 10" O/C IN FIELD.
 - 5/8" THK EXTERIOR GRADE PLYWOOD SIDING (TYP) PLAN OVER 1st BLDG. PAPER OR 4 MIL VIBROSEEN WITH 8d BOX NAILS # 6" O/C ON EDGES AND 12" O/C IN FIELD (TYP) PAINT FINISH TO BE SELECTED BY SCHOOL DIST. (FOR METAL STUDS) USE #8 P.H.S.T. SCREWS # 6" O/C ALL EDGES AND 12" O/C IN FIELD (TYP)

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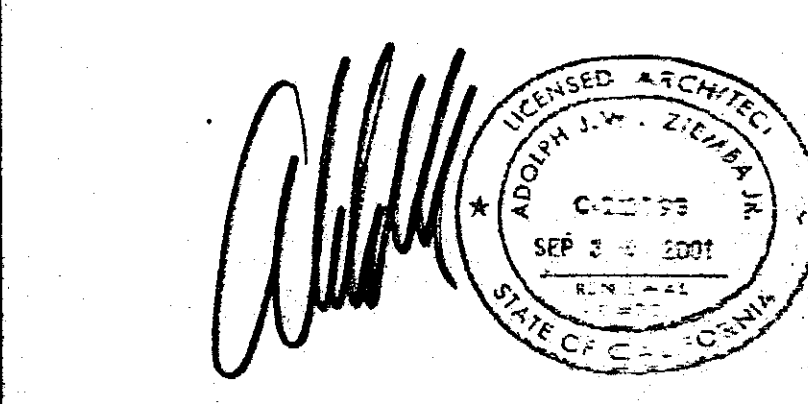
PROFESSIONAL ENGINEER
 STATE OF TEXAS
 No. 3882
 C. W. BENTLEY
 LICENSE EXPIRES 6-30-2020

PROFESSIONAL ARCHITECT
 STATE OF TEXAS
 No. 12345
 J. W. SMITH
 LICENSE EXPIRES 6-30-2020

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 (512) 821-2201
 FAX (512) 821-2203
 13088 DANFORTH RD.
 SANTA FE SPRINGS, TX 75070

30'40'70'160'x32' - CLASSROOM BUILDINGS
 RIGID FRAME - BUILT UP ROOF/WOOD STUDS
 SCALE: NOTED
 DATE: 08/15/16
 DRAWN BY: FS/JAC/ML
 REVISED: 11/01/19
 JOB NO: M99-06
 PC-295
 ARCHITECTURAL DETAILS & SECTIONS
 DRAWING NUMBER: A-2W

DIVISION OF THE STATE ARCHITECT
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 OFFICE OF REGULATION SERVICES
 APPL # PC-295
 AC 11 FLS 27 SS 11/14
 DATE: OCT 03 2023



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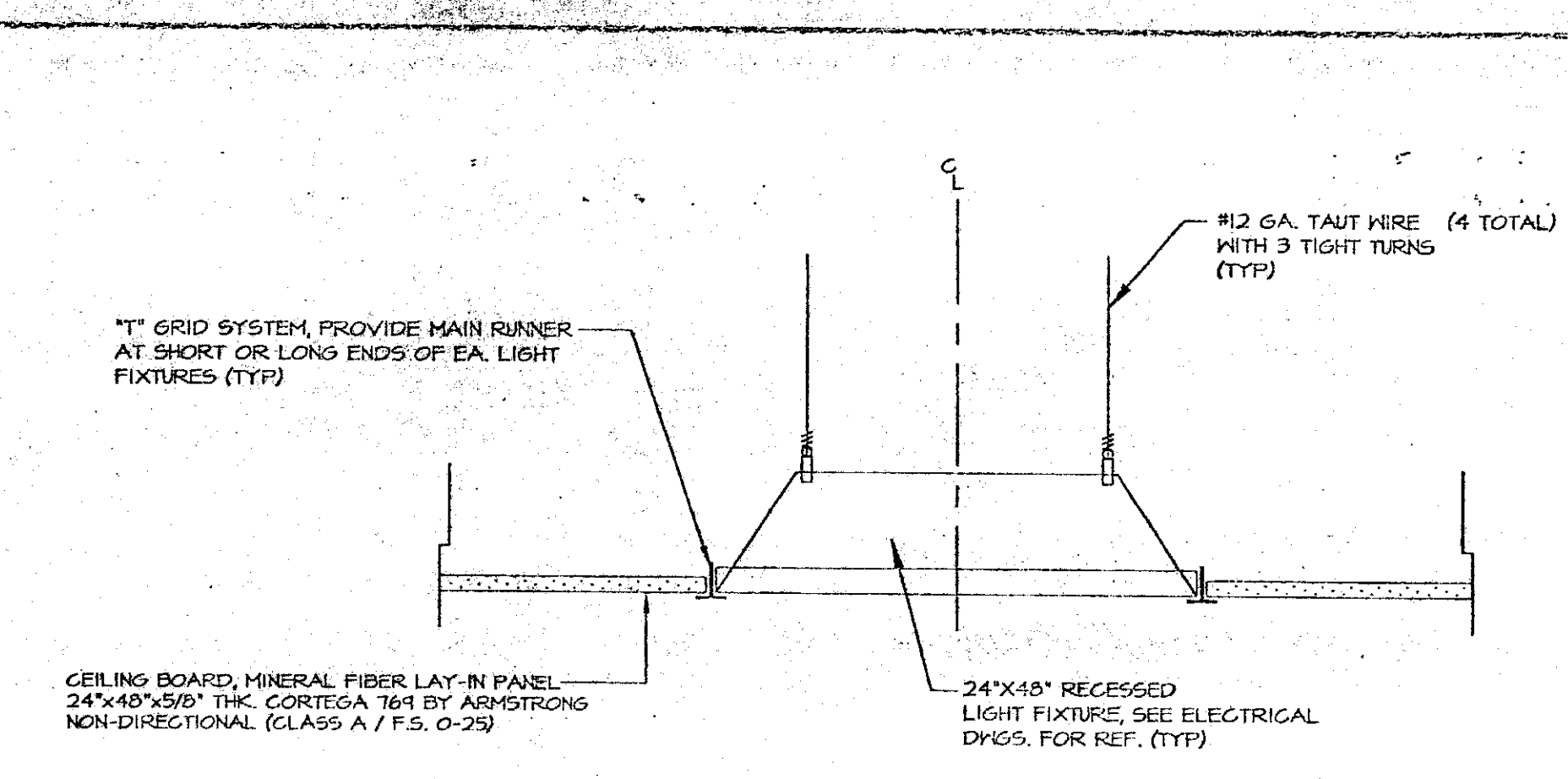
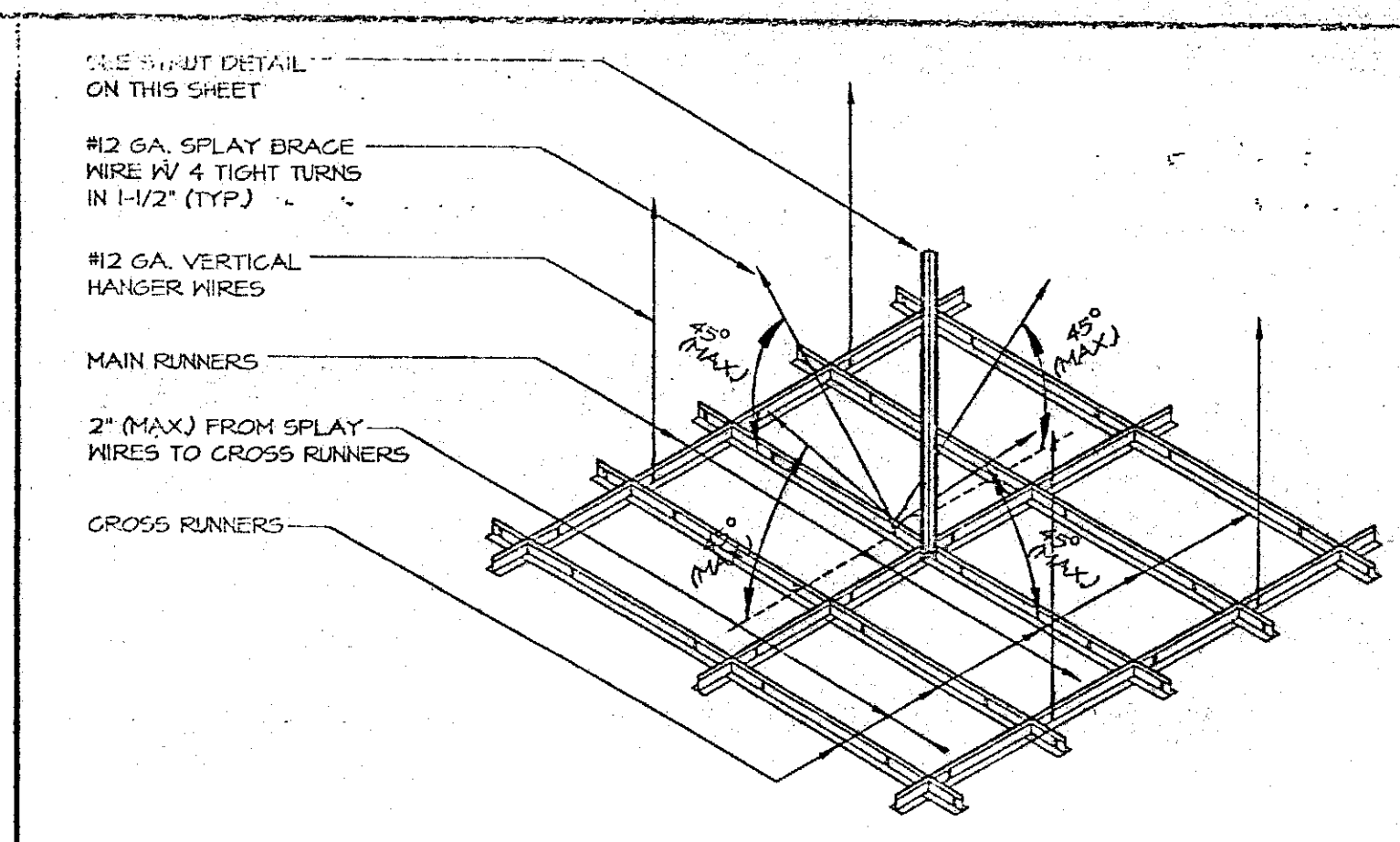
REV. # DATE DESCRIPTION BY

18 990303
 JAN 18 2000

SUSPENDED ACOUSTICAL CEILING NOTES
 AS APPLICABLE

- 12 GA. (MIN) HANGER WIRES MAY BE USED FOR UP TO AND INCLUDING 40"x40" GRID SPACING. SPLICES WILL NOT BE PERMITTED IN ANY HANGER WIRES UNLESS SPECIFICALLY APPROVED BY D.S.A./S.S.
- PROVIDE 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 LEAST 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" FREE OF OTHER WALLS. IF WALLS RUN DIAGONALLY TO CEILING GRID SYSTEM RUNNERS, ONE END OF THE MAIN AND CROSS RUNNERS SHOULD BE FREE AND A MINIMUM OF 1/2" CLEAR OF WALL.
- AT THE PERIMETER OF THE CEILING AREA WHERE MAIN OR CROSS RUNNERS ARE NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERSECTION BETWEEN THE RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADS. A METAL STRUT OR A 16 GA. WIRE WITH A POSITIVE MECHANICAL CONNECTION TO THE RUNNER MAY BE USED. WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNER 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 SPACINGS:
 (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 SPACINGS FROM EACH PERIMETER WALL OR AT THE EDGE OF VERTICAL CEILING OFFSETS FOR BOTH SCHOOL AND HOSPITAL BUILDINGS.
 THE SLOPE OF THESE WIRES SHALL NOT EXCEED 45 DEGREES FROM THE PLANE OF THE CEILING AND SHOULD BE TAUT WITHOUT GAUGING THE CEILING TO LIFT. SPLICES IN BRACING WIRES ARE NOT PERMITTED WITHOUT SPECIAL D.S.A./S.S. APPROVAL.
- FASTEN HANGER WIRES WITH NOT LESS THAN 3 TIGHT TURNS. FASTEN SPLAY WIRES WITH 4 TIGHT TURNS. MAKE ALL TIGHT TURNS WITHIN A DISTANCE 1-1/2 INCHES. HANGER OR BRACING WIRES 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 LIGHTWEIGHT ITEMS, SUCH AS A SINGLE ELECTRICAL CONDUIT NOT EXCEEDING 3/4" NOMINAL DIAMETER, TO HANGER WIRES USING CONNECTORS ACCEPTABLE TO D.S.A./S.S.
- ATTACHED ALL LIGHT FIXTURES 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 (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. ALL 4" X 4" LIGHT FIXTURES MUST HAVE SLACK SAFETY WIRES AT EACH CORNER.
- ALL FIXTURES AND AIR TERMINALS OR SERVICES SUPPORTED ON INTERMEDIATE DUTY GRID SYSTEMS MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN 4 TAUT #12 GA. WIRES ATTACHED TO THE STRUCTURE ABOVE.
- ALL FLUSH OR RECESSED LIGHT FIXTURES AND AIR TERMINALS OR SERVICES WEIGHING MORE THAN (56 POUNDS) MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN 4 #12 GA. TAUT WIRES ATTACHED TO THE STRUCTURE ABOVE REGARDLESS OF THE TYPE OF CEILING GRID SYSTEM USED.
 THE 4 TAUT #12 GA. WIRES INCLUDING THEIR ATTACHMENT TO THE STRUCTURE ABOVE MUST BE CAPABLE OF SUPPORTING 4 TIMES THE HEIGHT OF THE UNIT.
- SUPPORT SURFACE MOUNTED LIGHT FIXTURES BY AT LEAST TWO POSITIVE DEVICES WHICH SURROUND THE CEILING RUNNER AND WHICH ARE SUPPORTED FROM THE STRUCTURE ABOVE BY A #12 GA. WIRE SPRING CLIPS OR CLAMPS THAT CONNECT ONLY TO THE RUNNER. ARE NOT ACCEPTABLE.
- SUPPORT PENDANT MOUNTED LIGHT FIXTURES DIRECTLY FROM THE STRUCTURE ABOVE WITH HANGER WIRES OR CABLES PASSING THROUGH EACH PENDANT HANGER AND CAPABLE OF SUPPORTING 4 TIMES THE HEIGHT OF THE FIXTURE.

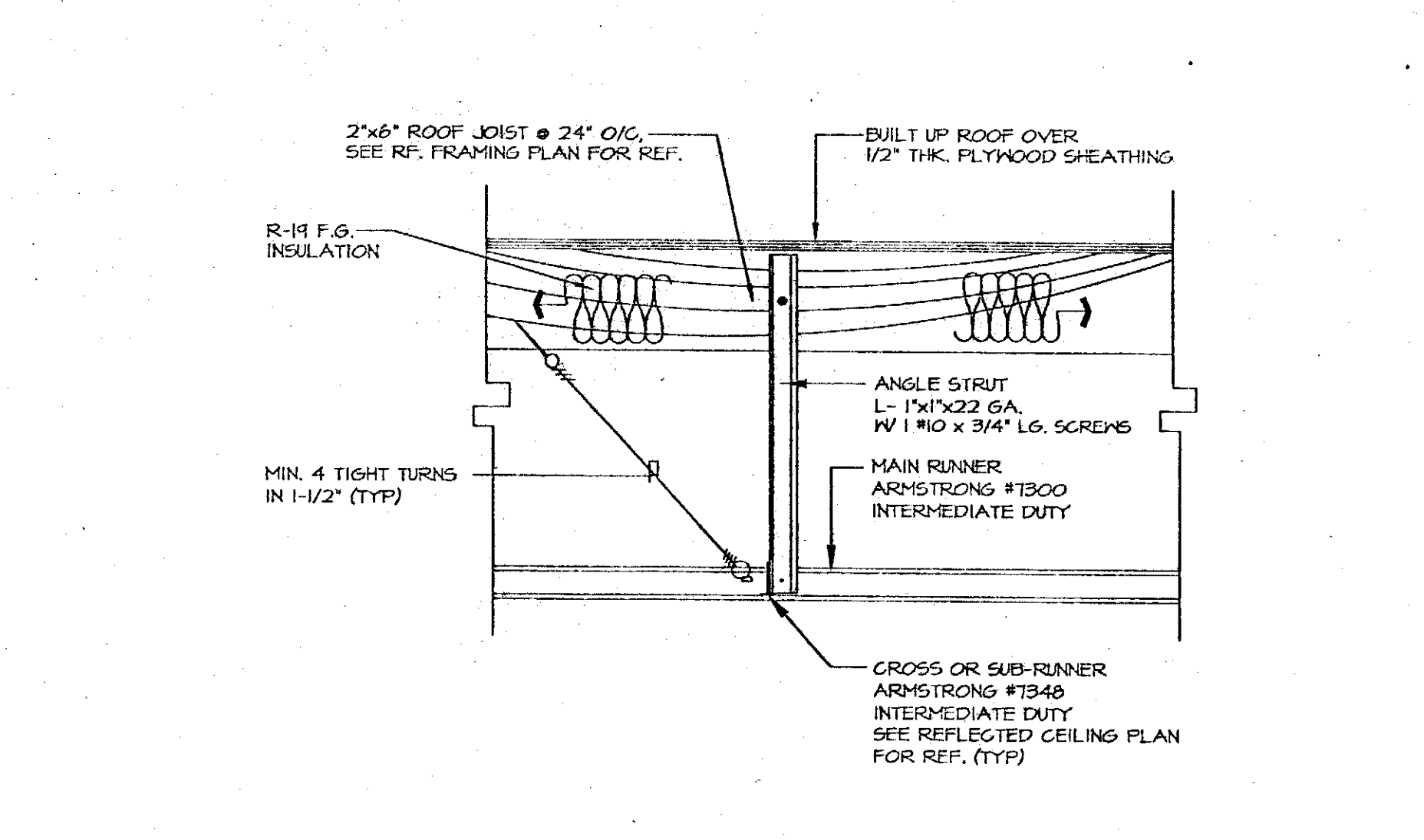
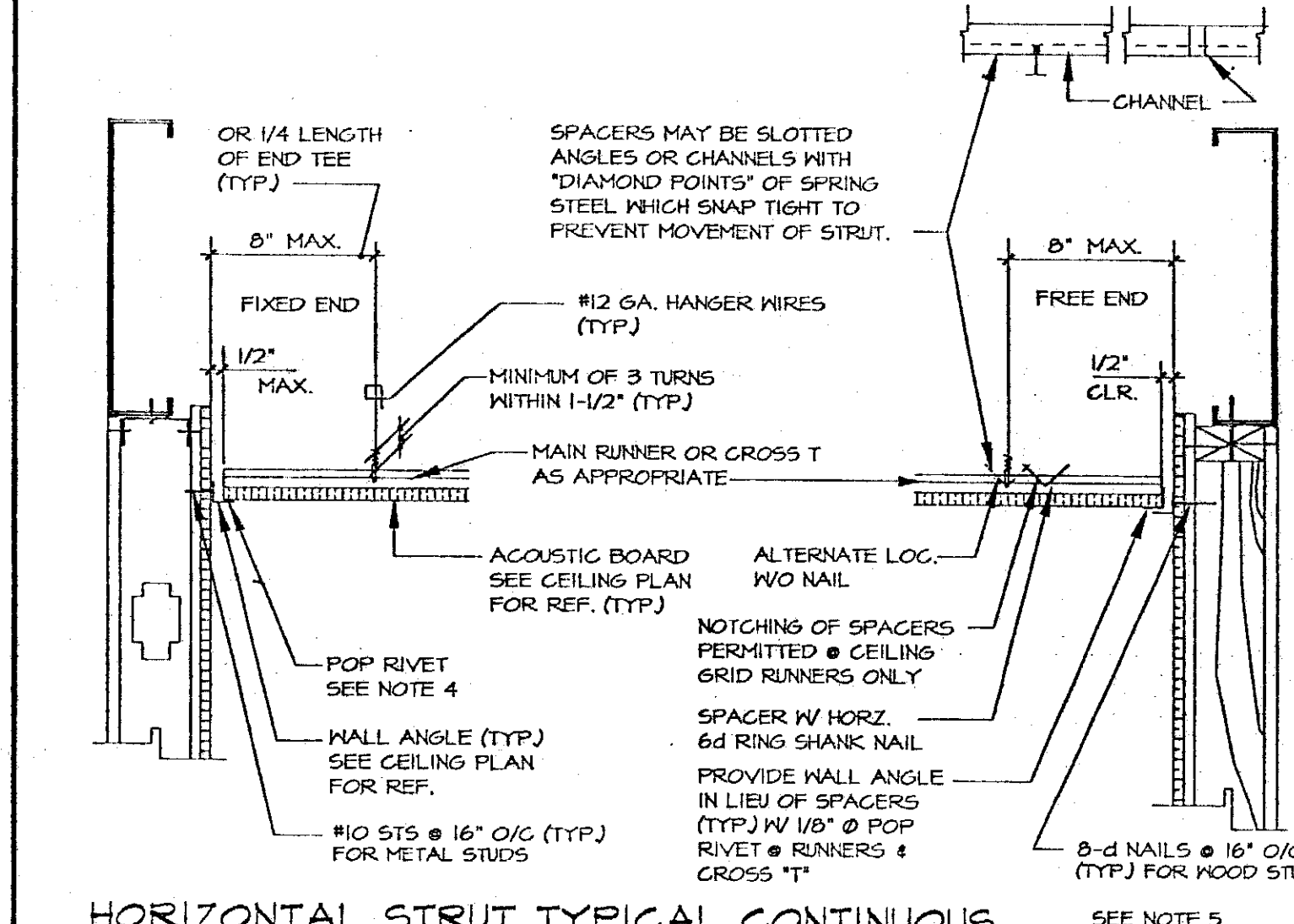
14. RECOMMENDED NOTE ON PLANS:
 CLASSIFICATION OF CEILING GRID
 CLASSIFICATION OF CEILING GRID IS MANUFACTURER'S CAT. NO. - MAIN RUNNER ARMSTRONG #1300 INTERMEDIATE DUTY MANUFACTURER'S CAT. NO. - CROSS RUNNER ARMSTRONG #1348 INTERMEDIATE DUTY



REFERENCE NOTES (AS APPLICABLE)

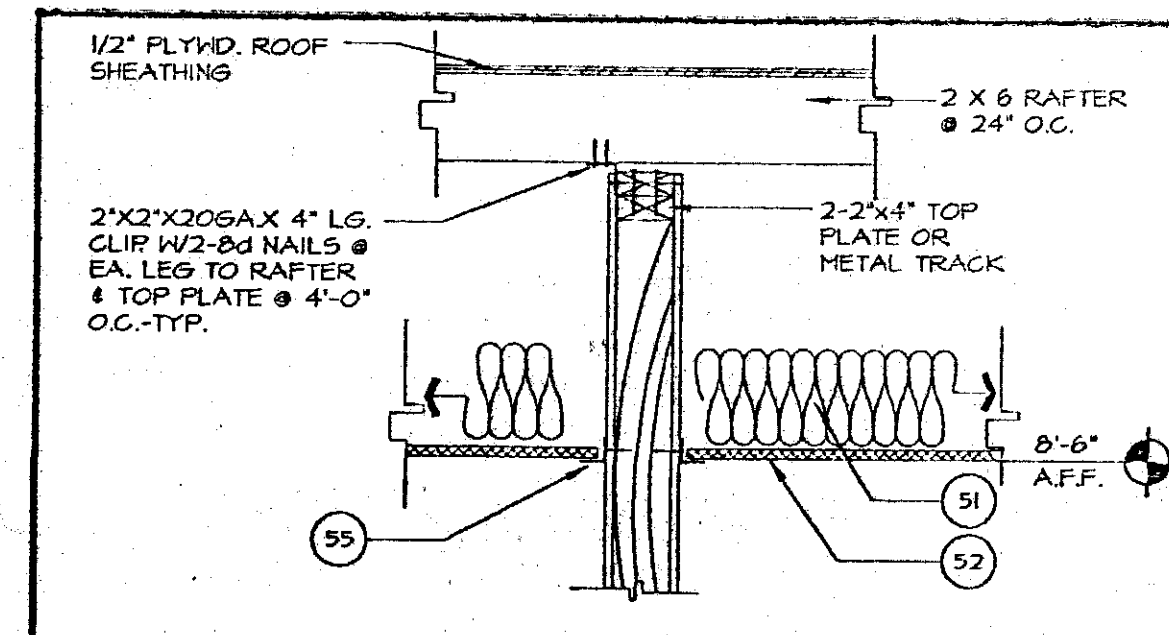
ACCEPTABLE ATTACHMENT FOR CEILING GRID A SCALE N.T.S.

TYPICAL LIGHT FIXTURE DETAIL 2 SCALE 1/2"=1'-0"

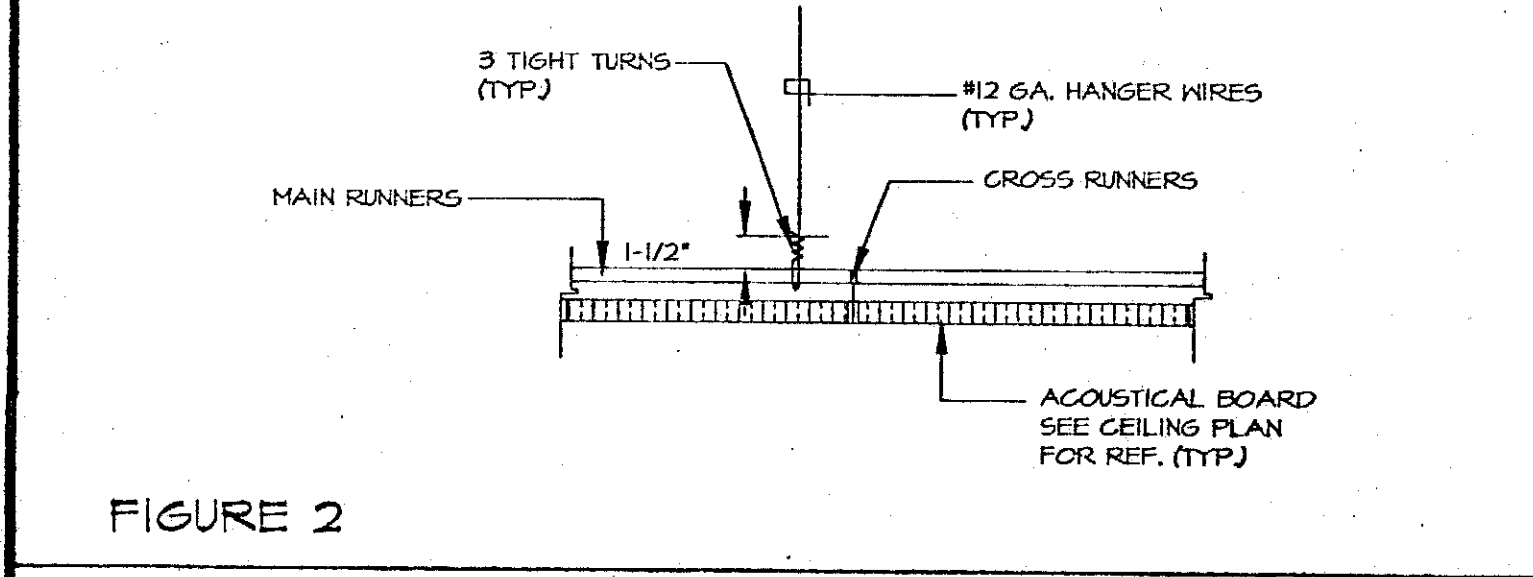


DETAIL B SCALE N.T.S.

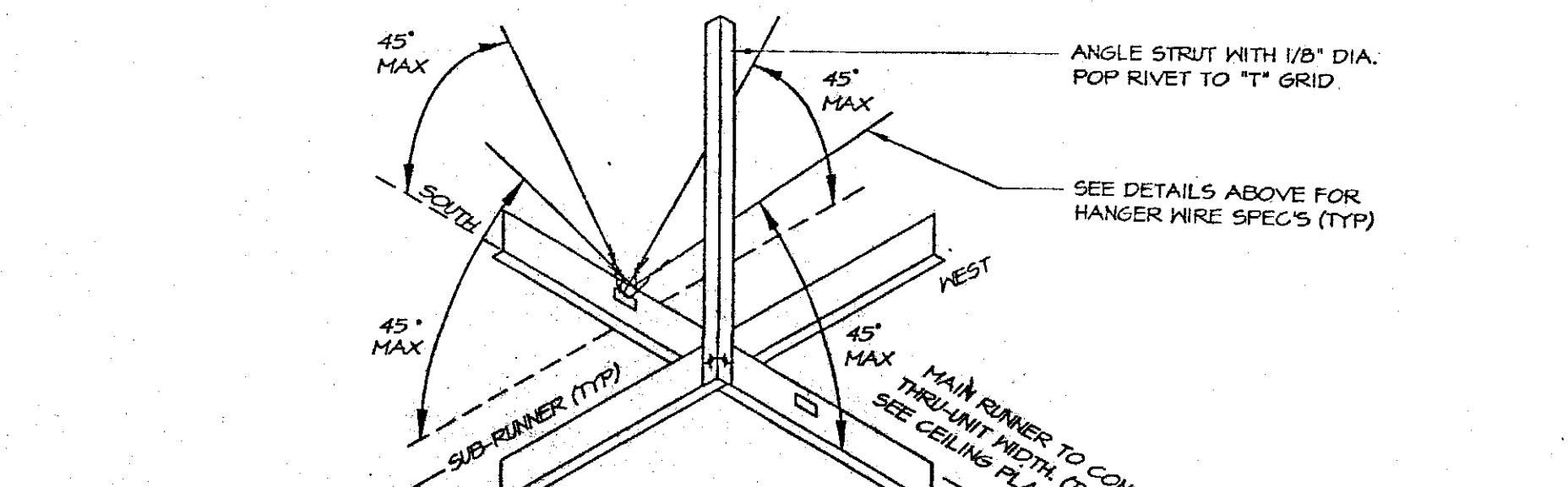
TYP. HANGER TAB & WIRE DET. 3 SCALE 1/2"=1'-0"



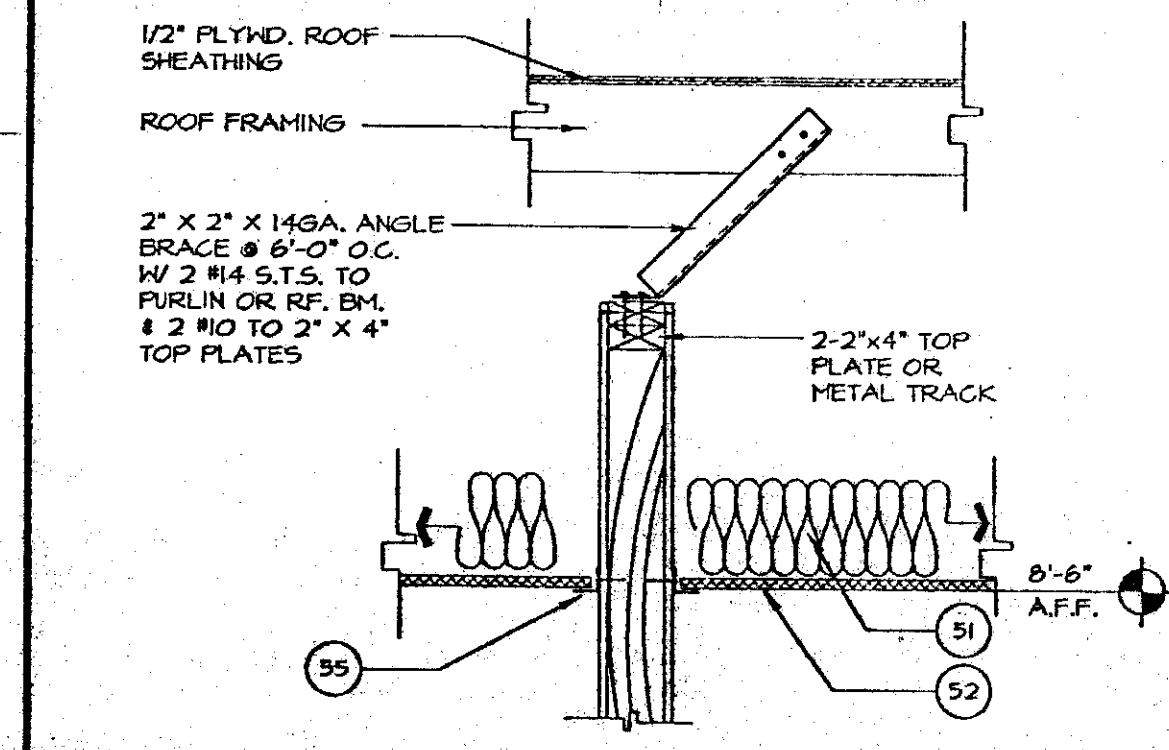
SECTION 5 SCALE 1"=1'-0"



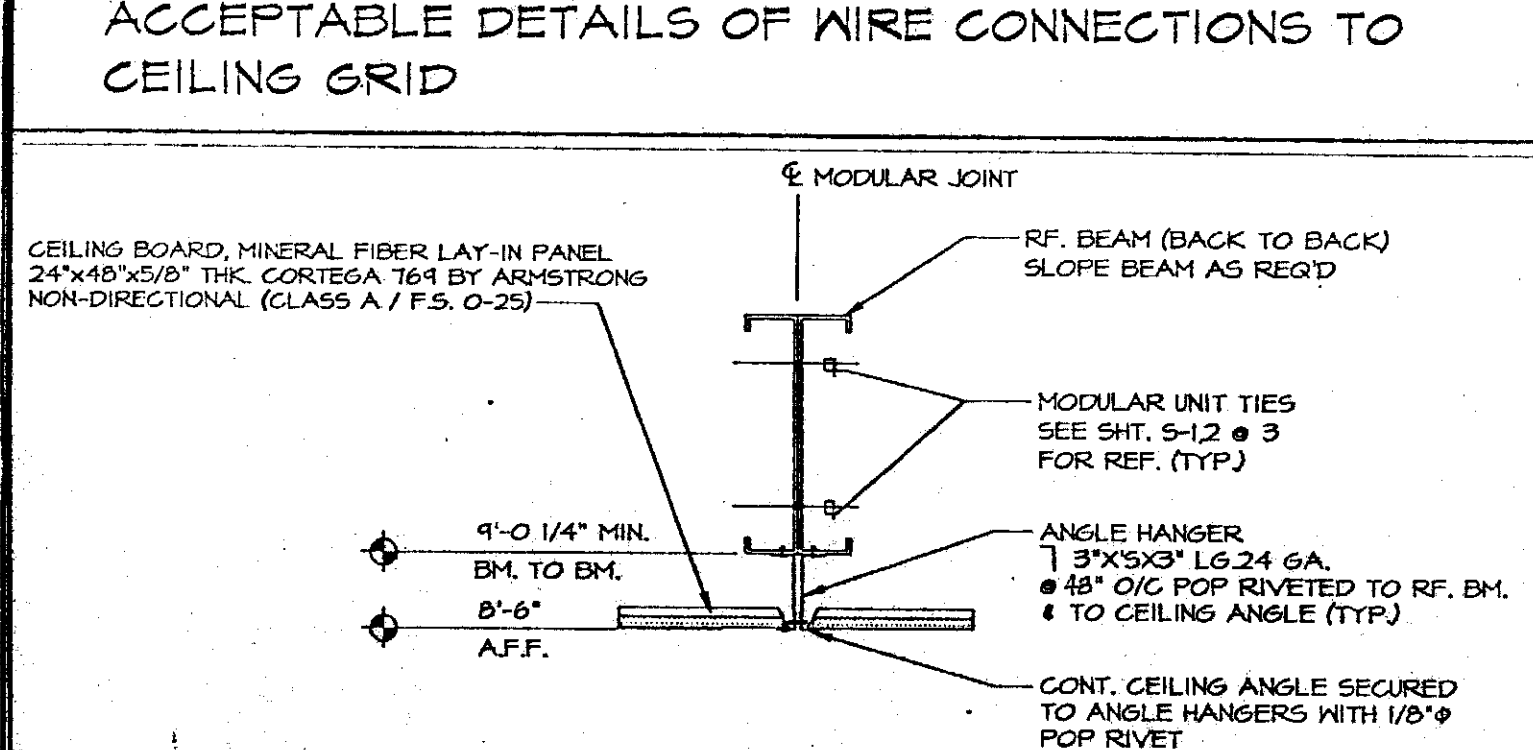
DETAIL C SCALE N.T.S.



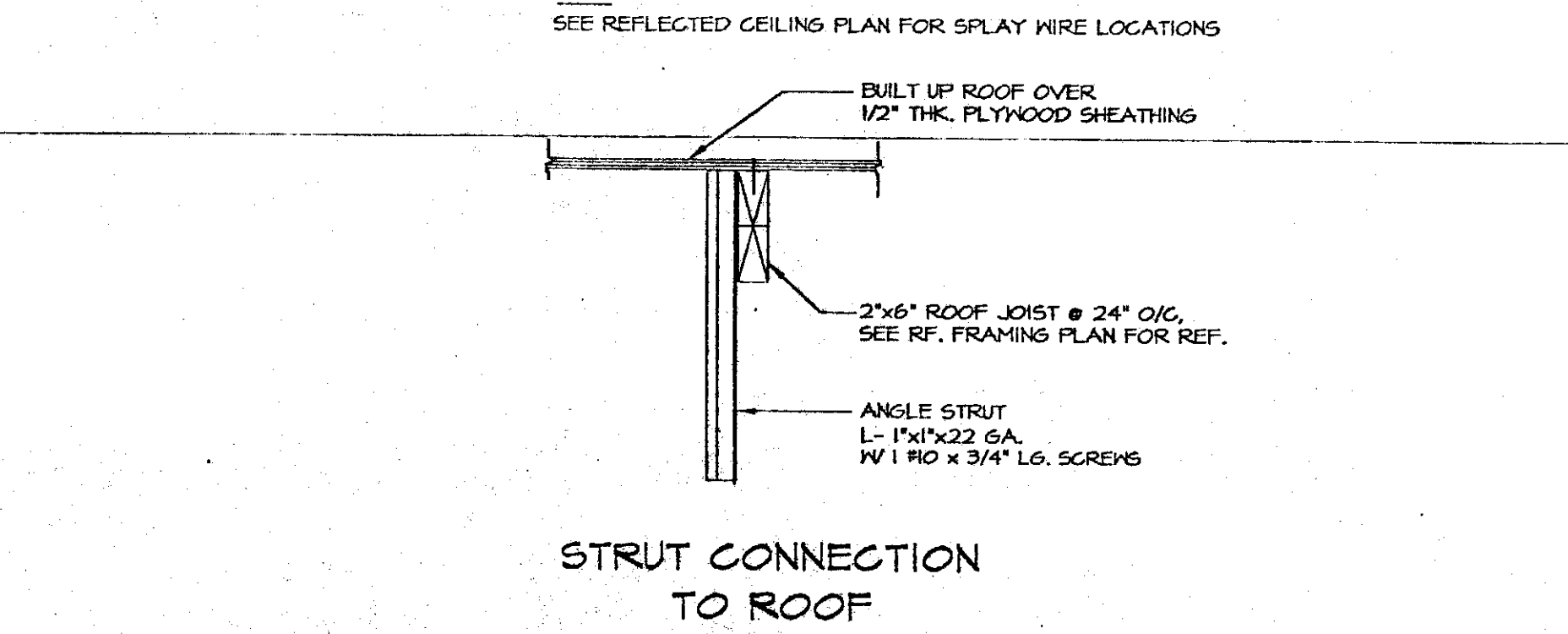
DETAIL D SCALE N.T.S.



SECTION 6 SCALE 1"=1'-0"



DETAIL E SCALE 1"=1'-0"



DETAIL F SCALE N.T.S.

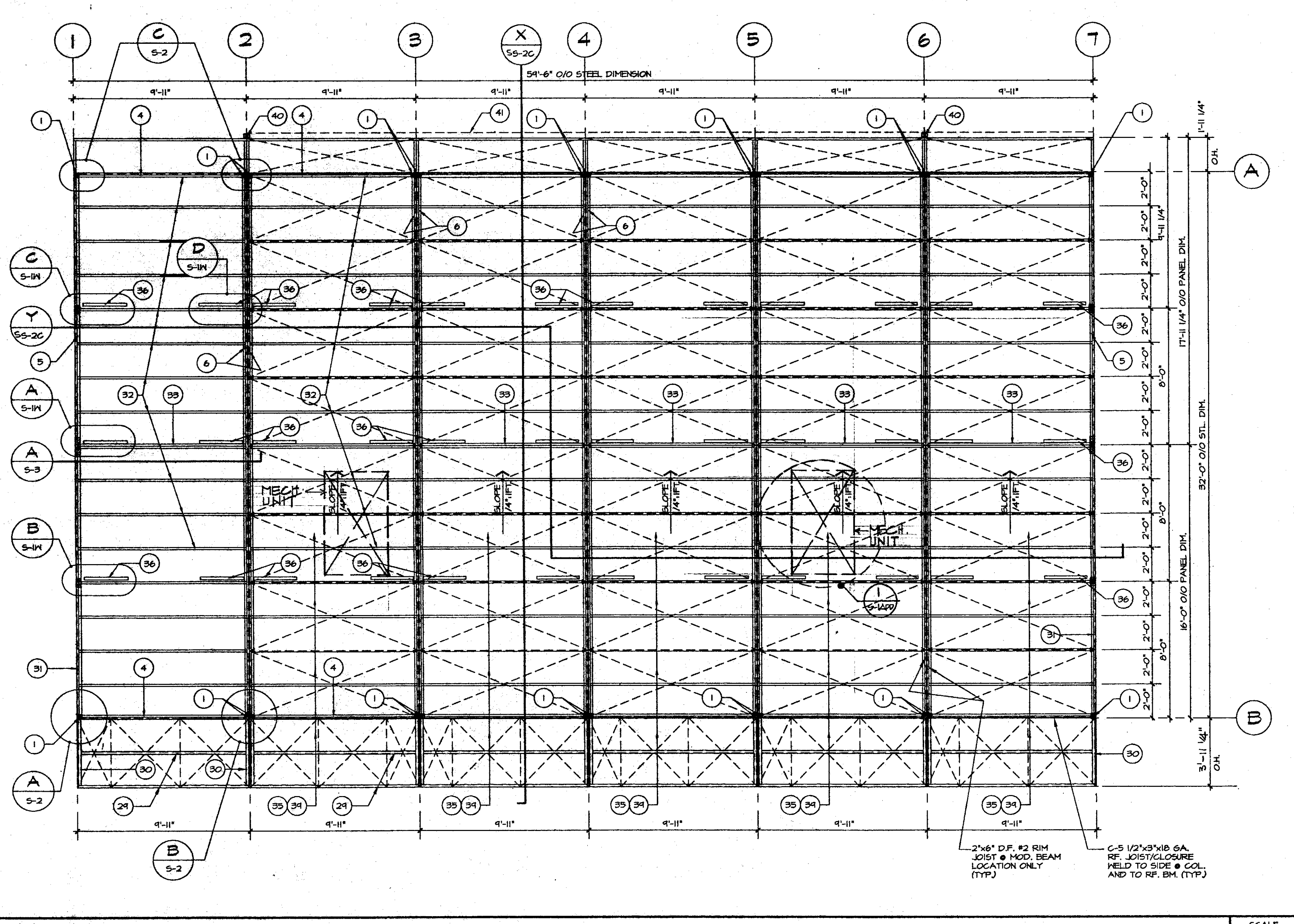
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STRUCTURAL ENGINEER ARCHITECT

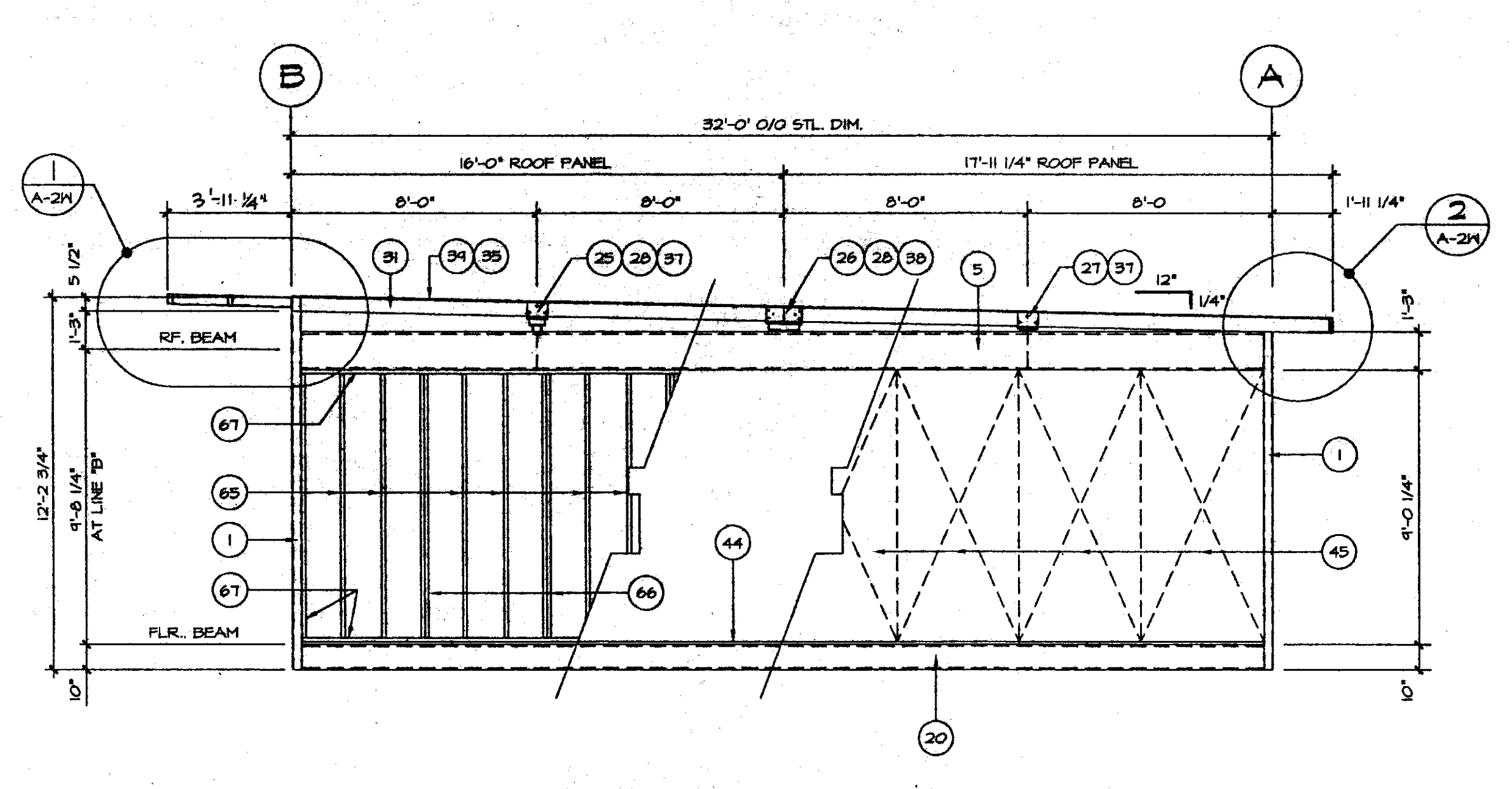
PROFILE STRUCTURES, INC.
 CONTRACTORS LICENSE # 58071, N
 (310) 921-2551 13828 CARMENITA RD. SANTA FE SPRINGS, CA 90670
 FAX (310) 921-2203

30'40'50'60' x 32' - CLASSROOM BUILDINGS
 RIGID FRAME - BUILT UP ROOF - WOOD/METAL STUDS
 SCALE NOTED APPROVED BY DATE 08/26/16
 DRAWN BY FS/LVG/JM
 REVISED 11/01/11
 JOB NO. MA-66
 # 20-245
 DRAWING NUMBER A-3

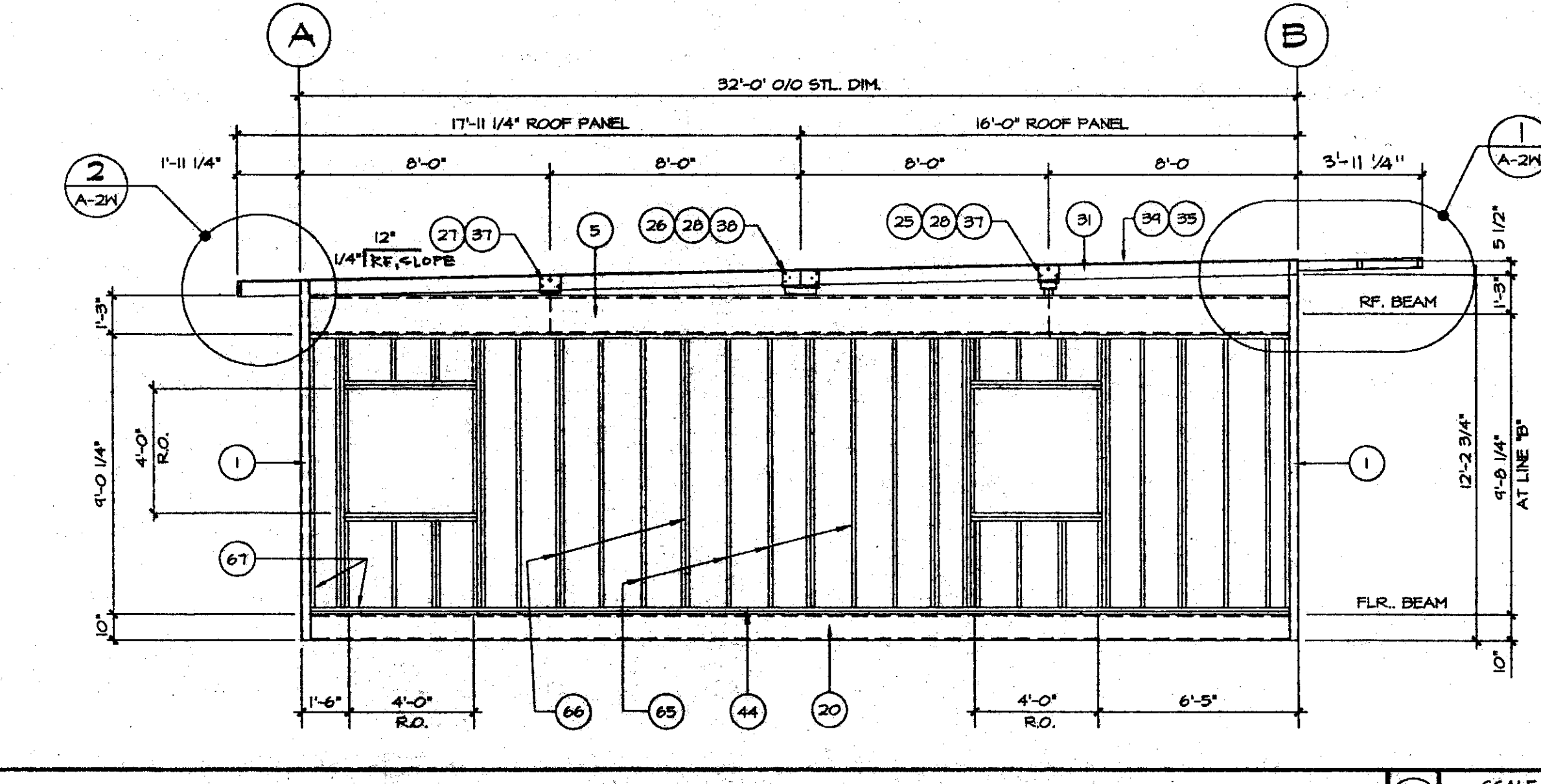
IDENTIFICATION STAMP
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 APP: 102932
 AC: FLS/SS
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 APPL. # PG-295
 DATE: OCT 03 2008
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ROOF FRAMING PLAN



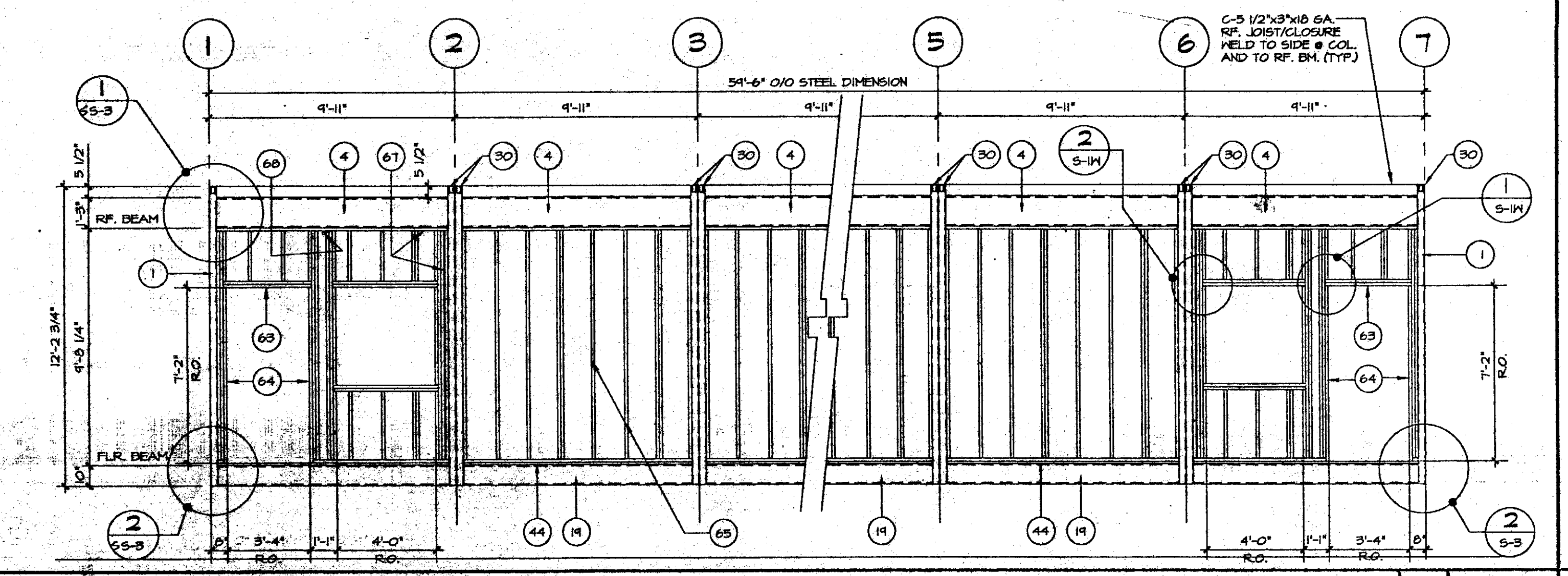
ELEVATION @ LINE



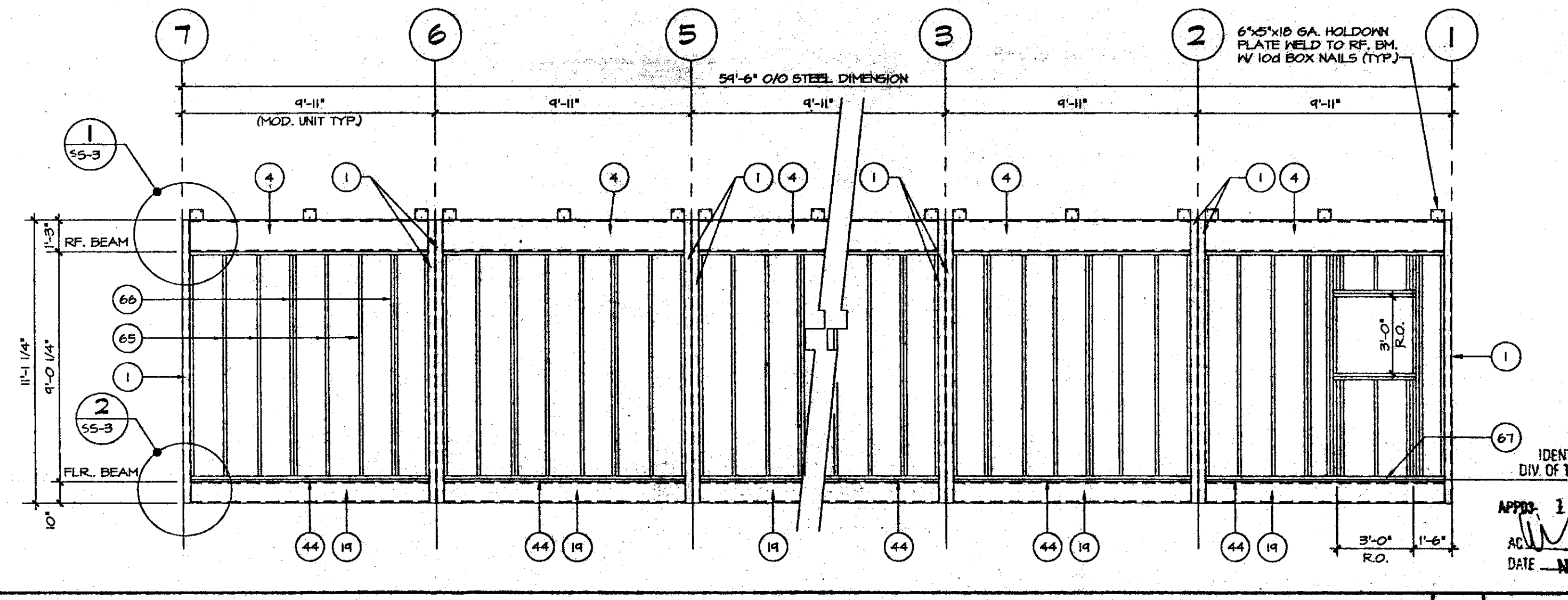
ELEVATION @ LINE

REFERENCE NOTES : (AS APPLICABLE)

- TS 3 1/2x3 1/2x11 6A. COLUMN
- TS 3 1/2x3 1/2x11 6A. INTERMEDIATE COL.
- STL. LR. 1/4" x 3 1/2" x 0'-8 1/2" OUTRIGGER/ LEDGER SUPPORT
- C 15x8 3/8x1/2 6A. END ROOF BEAM
- C 15x8 3/8x1/2 6A. SIDE ROOF BEAM
- C 15x8 3/8x1/2 6A. SLOPE # MOD JOINT (TYP)
- C 10x3x1/4 6A. SLOPE # MOD JOINT (TYP)
- C 10x3x1/4 6A. ROOF BEAM
- 3/16 THK STIFFENER PLATE
- 1/4 THK COLUMN CAP PLATE (TOP & BOT)
- 3/4" NUT, TACKLED INSIDE CAP PLATE
- 1/4 THK. COLUMN CAP PLATE (TOP & BOT)
- L 2 1/2x2 1/2x3/8x0'-2 3/4 L.S. CLIP
- L 2 1/2x2 1/2x3/8x0'-2 1/2 L.S. CLIP
- L 2 1/2x2 1/2x3/8x0'-2 1/2 L.S. CLIP
- 4/16" HOLES IN 1/2" NUT TACKLED INSIDE COL.
- 2 1/2x2 1/2x3/8" STEEL PLATE
- 1/2" MACHINE BOLT (TYP)
- 5/8" MACHINE BOLT (TYP)
- C 10x3x1/4 6A. FLOOR END BEAM (TYP)
- C 10x3x1/4 6A. FLOOR SIDE BEAM/JOIST (TYP)
- C 10x3x1/4 6A. BLOCKING
- 1 1/4" WIDE x 20 GA. BRIDGING STRAPS
- L 2x2x1/4 6A. # EXT. SIDES OF MODULES & BRIDGING STRAPS LOCATION ONLY (SEE FLOOR FRAMING PLAN)
- L 5x3x1/4 6A. # L.S.
- TS 3 1/2x3 1/2x16x1/2 4" L.S. LEDGER. SEE DETAIL FOR REF. (INSTALL TO MATCH SLOPE OF RIM JOIST)
- TS 3 1/2x3 1/2x16x1/2 4" L.S. LEDGER. SEE DETAIL FOR REF. (INSTALL TO MATCH SLOPE OF RIM JOIST)
- TS 2 1/4x16x1/2 4" L.S. LEDGER/STOOL HELDED TO RF. BM. & HOLD DN. PLATE. SEE DETAIL FOR REF.
- TS 3 1/2x3 1/2x11 6A. STOOD HELDED TO RF. BM. & LEDGER. USE DET. AS REQ'D. (SEE DET. FOR REF.)
- TS 4x2x2 6A. ROOF JOIST HELDED # EACH END TO TS 4x2x10 6A. OUTRIGGER (TYP)
- TS 4" x 2" #11 6A. OUTRIGGER HELDED TO TS 3 1/2x3 1/2x11 6A. COL. (SEE RF. FRAMING PLAN APPROVED EQUAL TO CONFORM TO '65' SPECIFICATION NO. A-4-H-3 (TYP))
- 2x6" D.F. #11 RIM JOIST (TYP) SEE ROOF FRAMING PLAN FOR REF. (TYP)
- 2x6" D.F. #2 ROOF JOIST # 24" O/C IN (B) 16x16 NAILS # EA. END. RIM JOIST TO ROOF JOIST (TYP) IN LB-26 SIMPSON JOIST HANGERS # EXTERIOR SIDES ONLY (SEE ROOF FRAMING PLAN FOR REF.)
- (2) 2x6" D.F. #2 (AT ROOF PANEL JOINT) SPIKE TOGETHER IN 16x16 GALV. BOX NAILS (2) ROWS STAGGED. (TYP) SEE ROOF FRAMING PLAN FOR REF.
- LB-26 SIMPSON JOIST HANGERS (TYP)
- 1/2" THICK PLYWOOD SHEATHING (TYP) STRUCT-1 COR. 5/16" EXTERIOR GRADE # 60 GALV. BOX NAILS # 6" O/C ON ALL EDGES AND # 12" O/C IN FIELD (TYP) SEE ROOF FRAMING PLAN FOR REF.
- L-2x10x4 6A. BRACING (TYP) SEE ROOF FRAMING PLAN FOR REF. (TYP)
- 6" x 6" L.S. X 18 6A. SHT. METAL HOLD DN. PLATE IN (B) 16x16 GALV. SHT. METAL HOLD DN. PLATE HELDED TO STL. TUBE RISER STOOL. AT PANEL JOINT, SEE DETAIL FOR REF.
- 6" x 6" L.S. X 18 6A. SHT. METAL HOLD DN. PLATE IN (B) 16x16 GALV. SHT. METAL HOLD DN. PLATE HELDED TO STL. TUBE RISER STOOL. AT PANEL JOINT, SEE DETAIL FOR REF.
- CLASS "A" MINERAL SURFACE BUILT-UP ROOFING SYSTEM BY "65" ROOFING PRODUCTS OR ARCHITECT APPROVED EQUAL TO CONFORM TO '65' SPECIFICATION NO. A-4-H-3 (TYP)
- 4x3x26 6A. GALV. S.M. DOWNSPOUT WITH STRAPS # 5'-0" O/C (MAX) SECURED TO BLDG. IN 10 S.M.S.
- CONT. 24GA. GALV. BUTTER
- 4x3x26 6A. GALV. S.M. OVERFLOW
- 24 GA. CONT. GALV. FASCIA
- 2-4" PLYWOOD FLOOR DECK - (D.F.) PSI-83 T&G 1/2" THK WITH #1 X 1/4" L.S. FLST. SCREWS # 6" O/C ON EDGES & 12" O/C IN FIELD
- 5/8" THK. EXTERIOR GRADE PLYWOOD SIDING (THU) PLAIN OVER 1/4" BLDG. PAPER OR 4 MIL VICKERS WITH 8x BOX NAILS # 6" O/C ON EDGES AND 12" O/C IN FIELD (TYP) PAINT FINISH TO BE SELECTED BY SCHOOL DIST. (FOR METAL SIDING USE #8 FLST. SCREWS # 6" O/C ALL EDGES AND 12" O/C IN FIELD (TYP.))
- 7/8" THK. PORTLAND CEMENT PLASTER FINISH OVER PAPERBACK METAL LATH OVER 5/8" THK. PLYWOOD SHEATHING
- 1/2" THK. FIRTEX OVER 1/2" THK. GYPSUM BOARD...
- 1/2" THK. DURASAN INTERIOR WALL FINISH
- 5/8" THK. GYPSUM BOARD (PAINT FINISH)
- 1/2" THK. DURASAN INTERIOR WALL FINISH
- R-11 F.G. INSULATION FLAME SPREAD 0-25, SMOKE DENSITY 50.
- R-14 F.G. INSULATION FLAME SPREAD 0-25, SMOKE DENSITY 50 SUPPORTED IN 1x2" PLASTIC NETTING SECURED TO BTH. OF RF. JOIST IN 1/2" STAPLES (TYP)
- CEILING BOARD, MINERAL FIBER LAY-IN PANEL, 24x48x9/16 THK. CORTEX 791 BY ARMSTRONGS NON-DIRECTIONAL (CLASS A / F.S. 0-25)
- MAIN RUNNER - ARMSTRONGS # 7800 INTER. DUTY
- CROSS RUNNER - ARMSTRONGS # 7848 INTER. DUTY
- NAIL ANGLE - ARMSTRONGS # 7800 NON-CLASSIFIED
- ANGLE HANGER - 3/8x3/4 6A. # 24" O/C - POFF RIVETED TO ROOF BEAM & TO NAIL ANGLE
- CONT. NAIL ANGLE SECURED TO ANGLE HANGERS WITH 1/8" POP RIVET. (TYP)
- 6'-0"x4'-0" (XO) NAIL ON ALUM. WINDOW (OPTIONAL)
- 3'-0"x6'-8 1/4" 3/4" HM. DOOR ON METAL FRAME
- HEATHERSTRIP - 3/4" AN - PEKCO
- THRESHOLD - 2 1/4" - PEKCO
- DOOR BOTTOM - 2 1/4" - PEKCO
- (2) 2x4" HEADER PLATE SPIKE TOGETHER IN 16x16 NAILS # 24" O/C (2) ROWS TYP
- (2) 2x4" FULL HT. STUDS IN (1) 2x4" TRIMMER OPENING SIDES SPIKE TOGETHER IN 16x16 NAILS # 24" O/C (2) ROWS TYP
- 2x4" STUD # 16" O/C WITH 2-16G END NAILING
- (2) 2x4" STUD # 4'-0" O/C SPIKE TOGETHER WITH 8d NAILS # PLYWOOD EDGE NAIL SPACINGS.
- 2x4" FRAMING PLATE WITH 0.145" HLT. SHOT FITTING TO ROOF BRIM/FLOOR BM & COLLARS # 16" O/C (TYP)
- PROVIDE A-34 SIMPSON CLIPS AS SHOWN (TYP)
- (2) 2x4" (PLAT) STUD SPIKE TOGETHER WITH 8d NAILS # 24" O/C (2) ROWS IN (1) 2x4" PLATES # EA. SIDE IN 16d NAILS # 24" O/C TYP. # AVG SUPP-PORT
- PLASTIC MOULDING AROUND WINDOW OPENINGS.
- SHEET METAL EDGE TRIM
- CONT. 22 GA. X 1" WIDE SHT. METAL FLASHING (TYP) AROUND BUILDING
- PROVIDE CONT. BEAD OF CAULKING.
- 5/8" CONCRETE ANCHOR "WALBOLT" OR EQ.
- 1/4" THK. TIE DOWN STEEL PLATE
- GALV. WIRE SCREEN WITH 1/4" SQUARE HOLES ON 24 GA. SHEET METAL FRAME RIVETED TO 24 GA. SHEET METAL BRACKET ON TOP & SCREWED TO FLOOR BEAM & CONC. FOOTING WITH #4 X 1 1/4" L.S. S.M.S. WITH EXPANSION SHIELD # 24" O/C.
- UNDERFLOOR VENT (SEE FOUNDATION PLAN FOR REF.)
- RAMP AND LANDINGS (OPTIONAL)
- EXISTING GRADE OR FINISH GRADE.
- CONCRETE FOUNDATION
- BUILDING PAD / DIRT PAD.
- MOISTURE BARRIER - TAR IMPREGNATED BOARD OR EQUAL (BY OTHERS)
- APPROVED COMPACTED FILL
- 4" THK. CONCRETE SLAB WITH 6x6 - W/4x4x4 RESINF. (BY OTHERS)
- 4" HIGH VINYL TOPSET BASE (TYP)
- CHALKBOARD-210x34" SECTIONS WITH CHALK TRAY HOLDING & MAP RAIL WITH HOOK & FLAG HOLDER (2'-0" A.P.P.)



TYPICAL ELEVATION AT LINE



TYPICAL ELEVATION AT LINE

WINDOW OPENING FRAMING SCHEDULE

WINDOW SIZE: 4'-0"x4'-0"	WINDOW SIZE: 6'-0"x4'-0"
JAMBS (2) FULL HT. STUDS + (1) TRIMMER IN (1) AS4 CLIPS # EA. END	JAMBS (3) FULL HT. STUDS + (2) TRIMMER IN (1) AS4 CLIPS # EA. END
HEADERS (2) 2x4" PLATES SPIKE TOGETHER IN 16d NAILS # 24" O/C (THO) ROWS	HEADERS (3) 2x4" PLATE SPIKE TOGETHER
SILLS (2) 2x4" PLATES SPIKE TOGETHER IN 16d NAILS # 24" O/C (THO) ROWS	SILLS (2) 2x4" PLATES SPIKE TOGETHER IN 16d NAILS # 24" O/C (THO) ROWS
JAMBS (2) FULL HT. STUDS + (1) TRIMMER IN (1) AS4 CLIPS # EA. END	JAMBS (3) FULL HT. STUDS + (2) TRIMMER IN (1) AS4 CLIPS # EA. END
HEADERS (2) 2x4" PLATES SPIKE TOGETHER	HEADERS (3) 2x4" PLATE SPIKE TOGETHER
SILLS (2) 2x4" PLATES SPIKE TOGETHER IN 16d NAILS # 24" O/C (THO) ROWS	SILLS (2) 2x4" PLATES SPIKE TOGETHER IN 16d NAILS # 24" O/C (THO) ROWS

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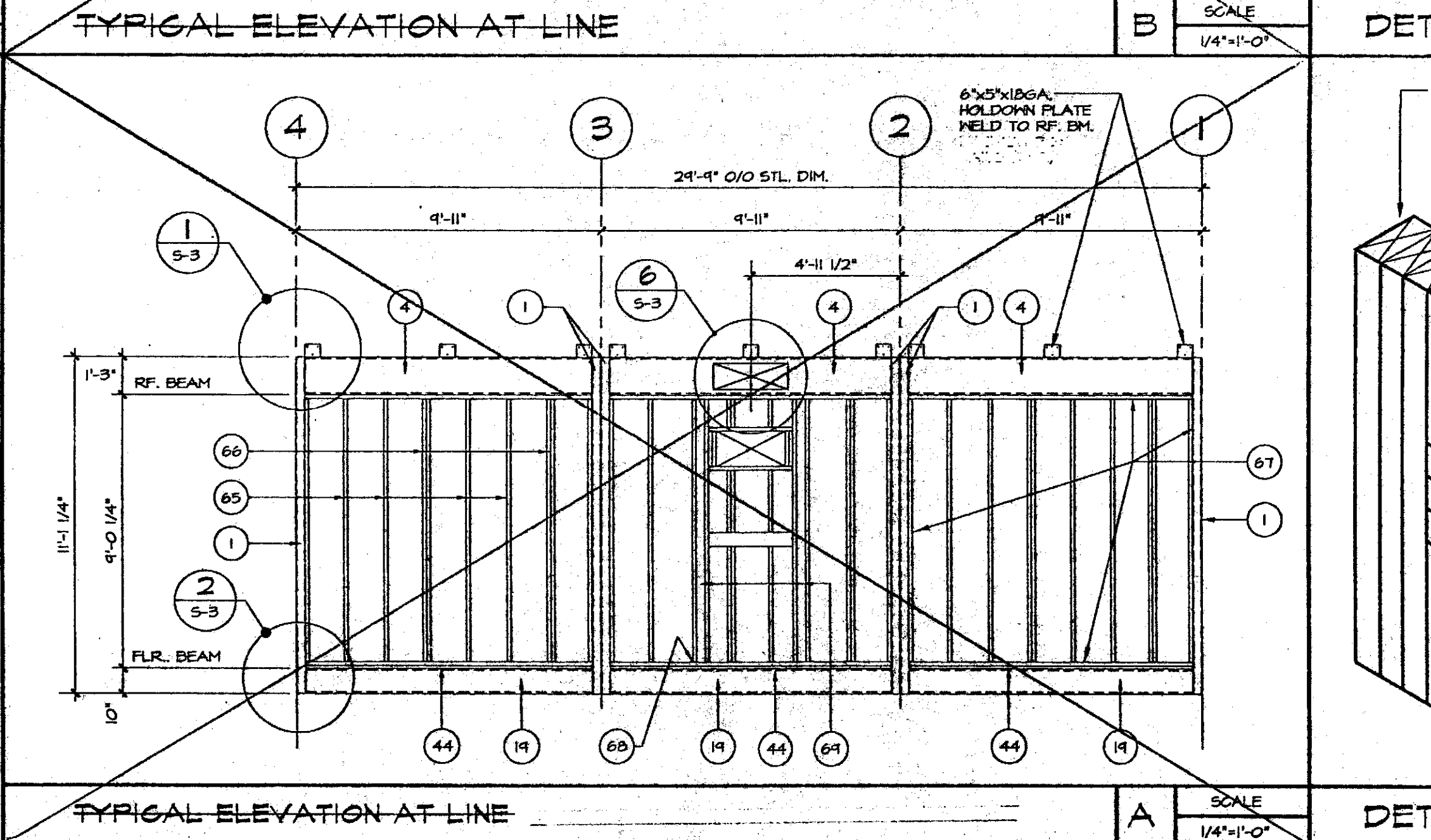
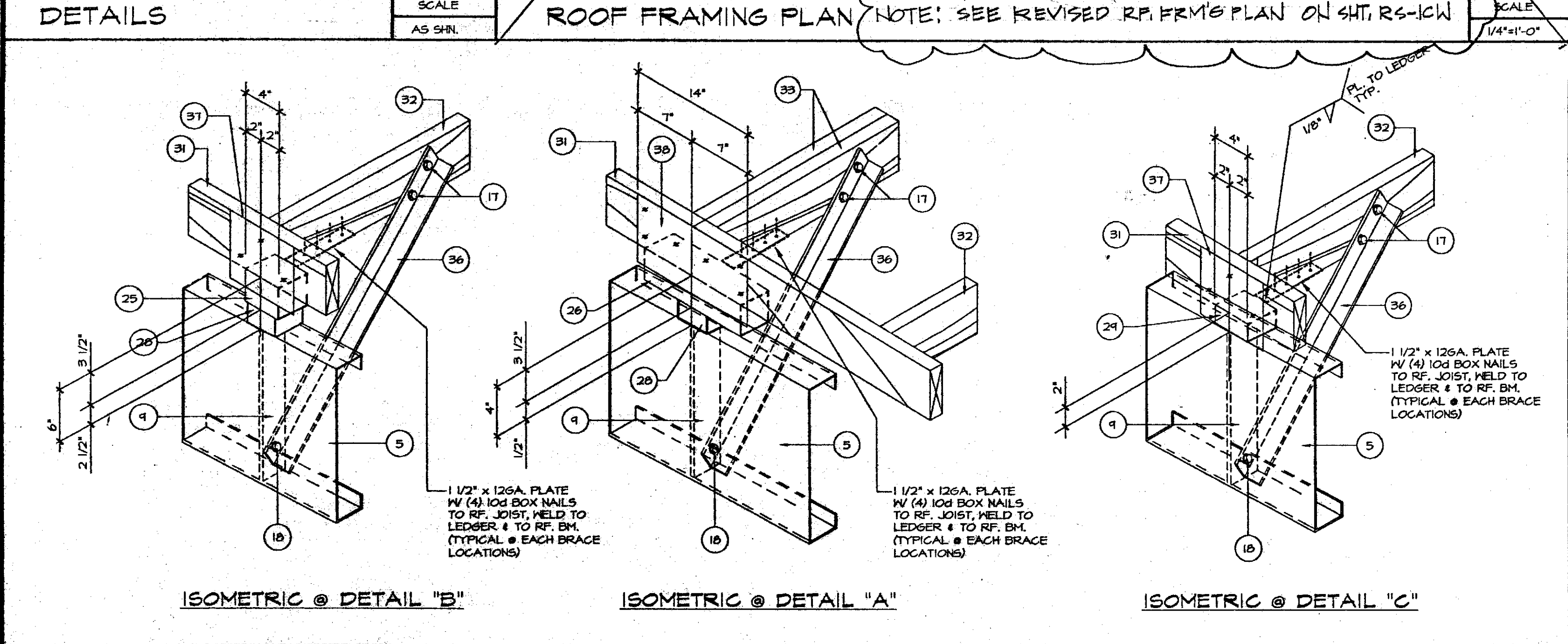
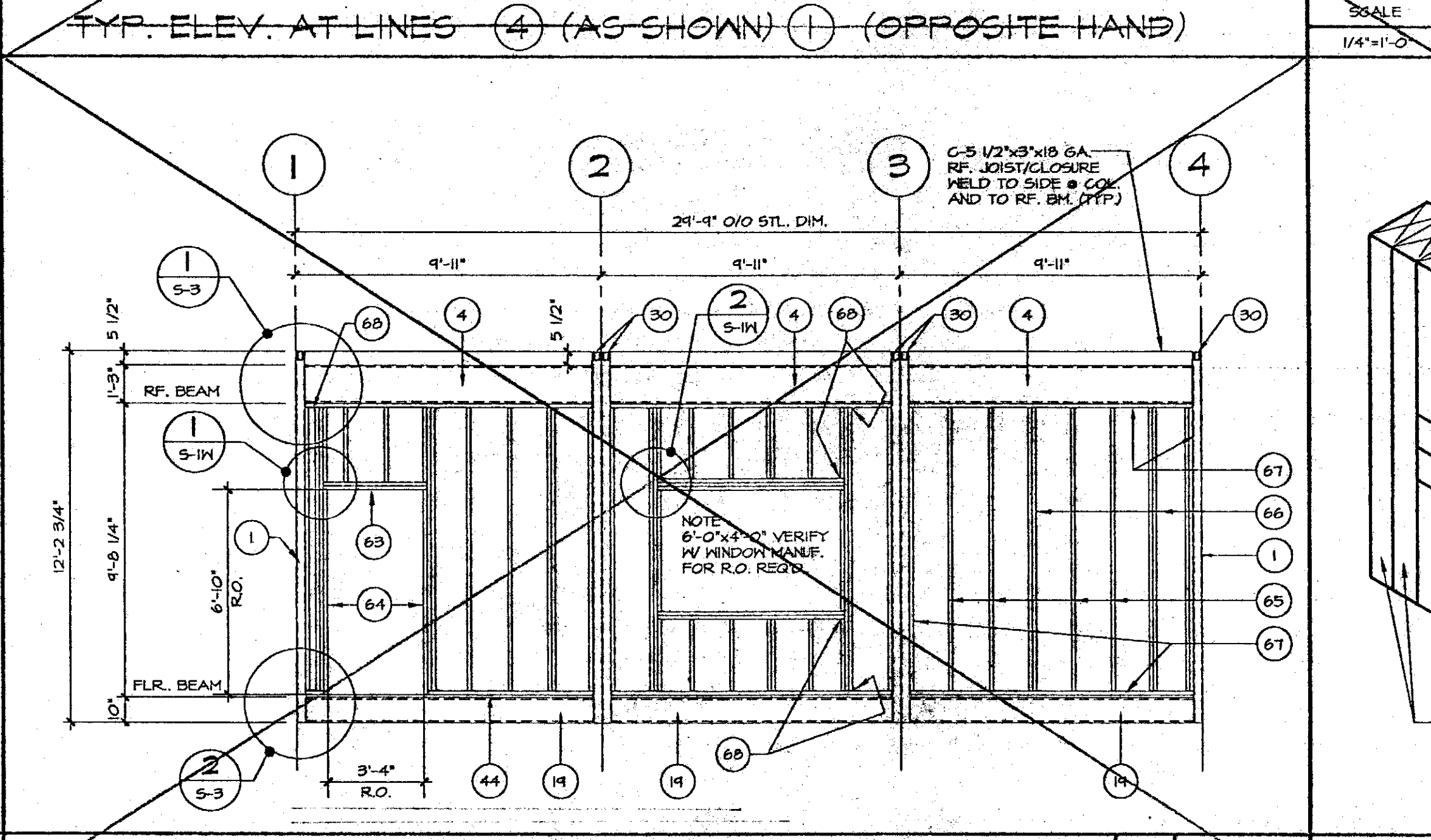
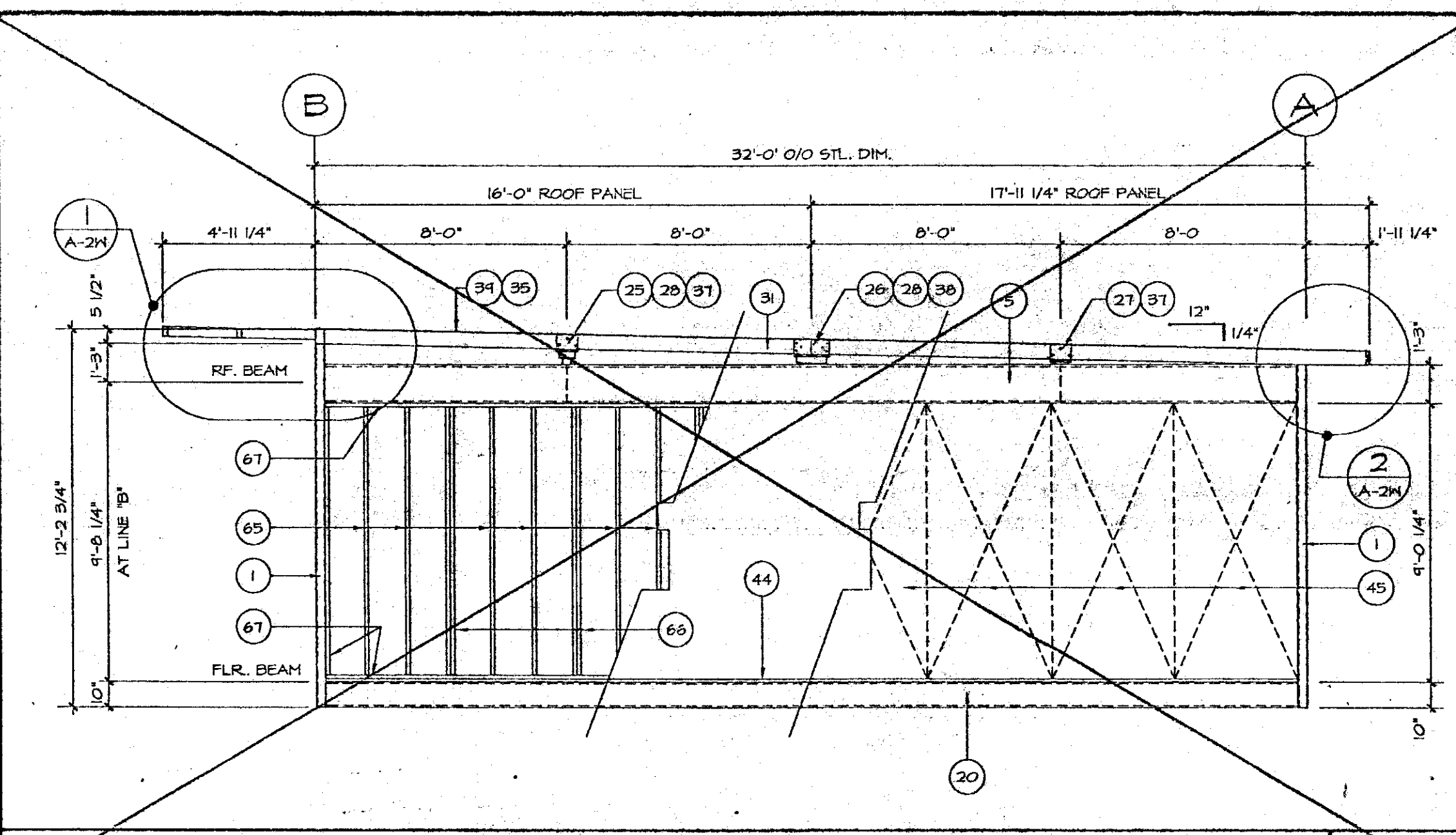
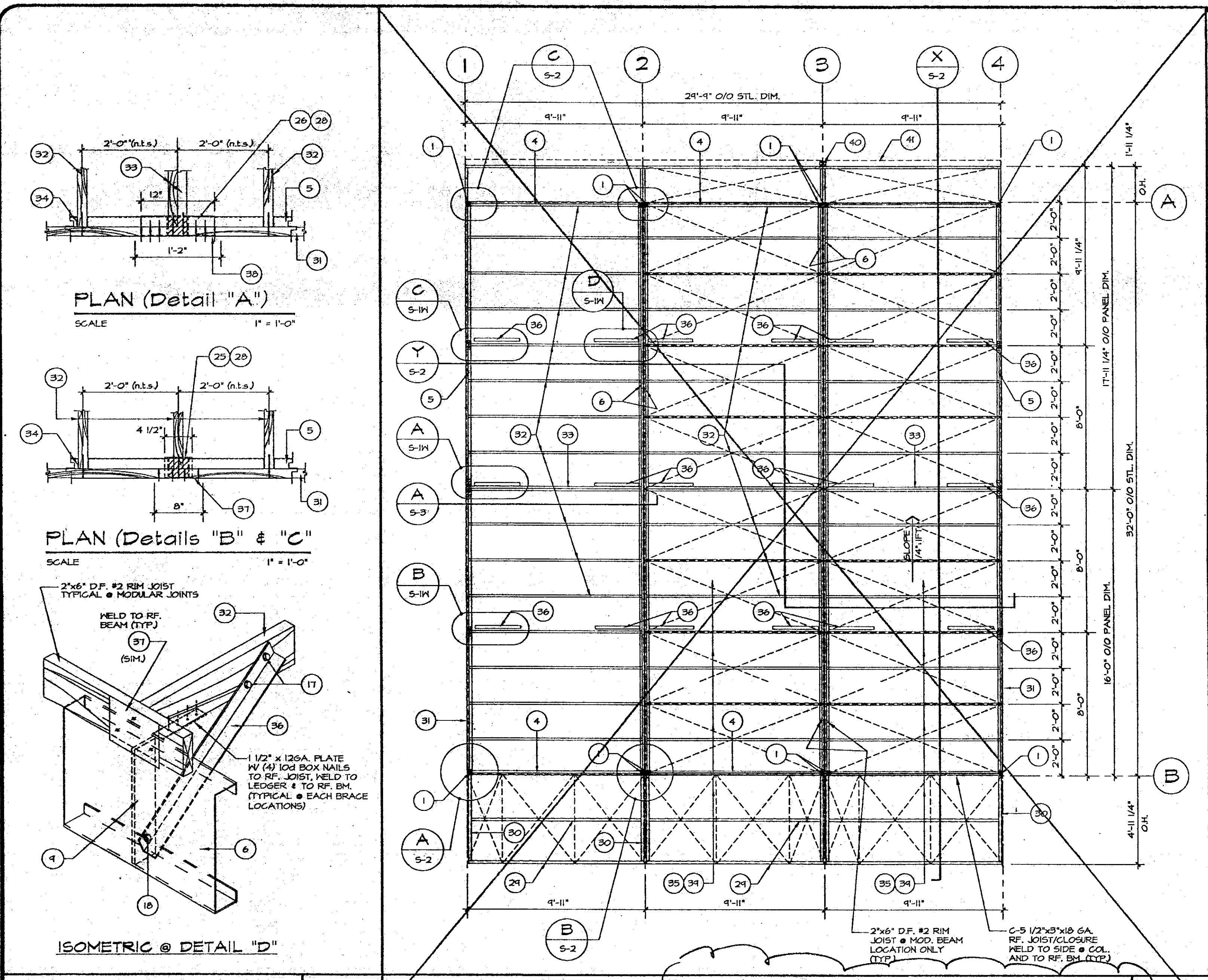
ARCHITECT
 PROFILE STRUCTURES, INC.
 CONTRACTOR'S LICENSE # 248071 B1
 (916) 821-2291
 FAX (916) 821-2293
 13828 CARMENTA RD.
 SANTA FE SPRINGS, CA 90707

60' x 32' CLASSROOM BUILDING
 RIGID FRAME - BUILT UP ROOF - WOOD STUDS
 SCALE: NOTED
 DATE: 03/14/15
 APPROVED BY: [Signature]
 DRAWN: ZD
 REVISION: 4/1/14
 SANTANA ALTERNATIVE EDUCATION CENTER
 ROWLAND UNIFIED SCHOOL DISTRICT
 1850 NOBALES ST., ROWLAND HEIGHT, CA 91748
 ROOF FRAMING PLAN / DETAILS & WALL FRAMING ELEVATIONS
 DRAWING NUMBER: M99-66
 RS-1CN

DIVISION OF THE STATE ARCHITECT
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 APPL: _____
 AC: FLS _____ SS: _____
 DATE: _____

REV.	DATE	DESCRIPTION	BY

JAN 18 2003



REFERENCE NOTES: (AS APPLICABLE)

- TS 3 1/2"x3 1/2" II GA. COLUMN
- TS 3 1/2"x3 1/2" II GA. INTERMEDIATE COL.
- STL. PL. 1/4" x 3 1/2" x 0'-6 1/2" OUTRIGGER/COLUMN SUPPORT
- C 15"x3 3/8"x1/2 GA. END ROOF BEAM
- C 15"x3 3/8"x1/2 GA. SIDE ROOF BEAM
- C 15"x3 3/8"x1/2 GA. SLOPE & MOD. JOINT (TYP.)
- C 10"x3"x1/4 GA. ROOF BEAM
- 3/8" THK STIFFENER PLATE
- 1/4" THK COLUMN CAP PLATE (TOP & BOT)
- 3/4" NIT. TACKLED INSIDE CAP PLATE
- L 2 1/2"x2 1/2"x3/8"x0'-2 3/4" L.G. CLIP
- L 2 1/2"x2 1/2"x3/8"x0'-3 1/2" L.G. CLIP
- L 2 1/2"x2 1/2"x3/8"x0'-1 L.G. CLIP
- 4/8" HOLES W/ 1/2" NIT. TACKLED INSIDE COL.
- 2 1/2"x2 1/2"x3/8" STEEL PLATE
- 5/8" MACHINE BOLT (TYP.)
- 5/8" MACHINE BOLT (TYP.)
- C 10"x3"x1/4 GA. FLOOR END BEAM (TYP.)
- C 10"x3"x1/4 GA. BLOCKING
- 1 1/4" WIDE x 20 GA. BRIDGING STRAPS
- L 2"x2"x1/4 GA. EXT. SIDES OF MOULDES & BRIDGING STRAPS LOCATION ONLY (SEE FLOOR FRAMING PLAN)
- L 5"x3"x1/4 GA. JOIST (TYP.)
- TS 3 1/2"x3 1/2" II GA. LG. LEDGER, SEE DETAIL FOR REF. (INSTALL TO MATCH SLOPE OF RH JOIST)
- TS 3 1/2"x3 1/2" II GA. LG. LEDGER, SEE DETAIL FOR REF. (INSTALL TO MATCH SLOPE OF RH JOIST)
- TS 3 1/2"x3 1/2" II GA. LG. LEDGER/STOOL WELDED TO RF. BM. & LEDGER TUBE, CUT AS REQD. (SEE DET. FOR REF.)
- TS 4"x2"x1/8 GA. ROOF JOIST WELDED TO EACH END TO TS 4"x2"x1/8 GA. OUTRIGGER (TYP.)
- TS 4"x2"x1/8 GA. OUTRIGGER WELDED TO 2"x4" x 1/2" II GA. COL. (SEE RF. FRAMING PLAN FOR REF. (TYP.))
- 2"x6" D.F. #2 RM JOIST (TYP.) SEE ROOF FRAMING PLAN FOR REF. (TYP.)
- 2"x6" D.F. #2 ROOF JOIST & 2"x4" O.C. W/ (3) 16d NAILS & EA. END RH JOIST TO ROOF JOIST (TYP.) W/ LB-26 SHIPSON JOIST HANGERS & EXTERIOR SIDES ONLY (SEE ROOF FRAMING PLAN FOR REF. (TYP.))
- (2) 2"x6" D.F. #2 (AT ROOF PANEL JOINT) SPIKE TOGETHER W/ 16d GALV. BOX NAILS (2) ROOF STAGGSD. (TYP.) SEE ROOF FRAMING PLAN FOR REF. (TYP.)
- LB-26 SHIPSON JOIST HANGERS (TYP.)
- 1/2" THK PLYWOOD SHEATHING (TYP.) STRUCT-I CDX 5-PLY EXTERIOR GRADE W/ 8d GALV. BOX NAILS & 6" O.C. ON ALL EDGES AND 12" O.C. IN FIELD (TYP.) SEE ROOF FRAMING PLAN FOR REF. (TYP.)
- L-2"x2"x1/4 GA. BRACING (TYP.) SEE ROOF FRAMING PLAN FOR REF. (TYP.)
- 6" x 0" L.G. X 10 GA. SHIT. METAL DN. PLATE W/ (6) 10d UZ L.G. NOOD SCREWS TO RH JOIST WELDED TO STL. TUBE RISER STOOL. SEE DETAIL FOR REF. (TYP.)
- 6" x 14" L.G. X 10 GA. SHIT. METAL DN. PLATE W/ (6) 10d UZ L.G. NOOD SCREWS TO RH JOIST WELDED TO STL. TUBE RISER STOOL AT PANEL JOINT. SEE DETAIL FOR REF. (TYP.)
- CLASS "A" MINERAL SURFACE BUILT-UP ROOFING SYSTEM BY "S" ROOFING PRODUCTS OR ARCHITECT APPROVED EQUAL TO CONFORM TO "S" SPECIFICATION NO. A-4-1-3 (TYP.) D.L.R. R-11656 (A)
- 4"x3"x26 GA. GALV. 5M. DOWNSPOUT WITH STRAPS & 5" O.C. MAX. SECURED TO BLDG. W/ #10 SMS.
- CONT. 24GA. GALV. GUTTER
- 4"x3"x26 GA. GALV. 5M. OVERFLOW
- 24 GA. CONT. GALV. FASCIA
- 3-1/4" PLYWOOD FLOOR DECK - (2) P51-83 1/8" 1/8" THK WITH #10 x 1 3/4" L.G. F.H.S.T. SCREWS & 6" O.C. ON EDGES & 12" O.C. IN FIELD
- 5/8" THK. EXTERIOR GRADE PLYWOOD SIDING (THIN PLAIN OVER 1/8" BLDG. PAPER OR 4 MIL VISQUEEN WITH 8d BOX NAILS & 6" O.C. ON EDGES AND 12" O.C. IN FIELD (TYP.) PAINT FINISH TO BE SELECTED BY SCHOOL DIST. (FOR METAL STUDS) USE 4d F.H.S.T. SCREWS & 6" O.C. ON ALL EDGES AND 12" O.C. IN FIELD (TYP.)
- 1/2" THK. PORTLAND CEMENT PLASTER FINISH OVER PAPERBACK METAL LATH OVER 5/8" THK. PLYWOOD SHEATHING.
- 1/2" THK. FIREKX OVER 1/2" THK. GYPSUM BOARD. SEE FIN. SCHEDULE FOR REF. (TYP.)
- 1/2" THK. DURASAN INTERIOR WALL FINISH.
- 5/8" THK. GYPSUM BOARD (PAINT FINISH)
- R-11 F.O. INSULATION INTERIOR WALL FINISH.
- R-11 F.O. INSULATION FLOOR SPREAD 0-25, SMOKE DENSITY 30.
- R-11 F.O. INSULATION FLOOR SPREAD 0-25, SMOKE DENSITY 30. SUPPORTED W/ 1"x2" PLASTIC NETTING SECURED TO BTH. OF RF. JOIST W/ 1/2" STAPLES (TYP.)
- CEILING BOARD, MINERAL FIBER LAY-IN PANEL 24"x48"x5/8" THK. CORTEGA 181 BY ARMSTRONG NON-DIRECTIONAL (CLASS A / F.S. 0-25)
- MAIN RUNNER - ARMSTRONG # 7800 INTER. DUTY
- CROSS RUNNER - ARMSTRONG # 7800 INTER. DUTY
- MALL ANGLE - ARMSTRONG # 7800 NON-CLASSIFIED
- ANGLE HANGER - 3"x3"x24 GA. & 24" O.C. - POP RIVETED TO ROOF BEAM & TO WALL ANGLE.
- CONT. WALL ANGLE SECURED TO ANGLE HANGERS WITH 10d POP RIVET. (TYP.)
- 6" O.C. (2) 2"x4" O.C. NAIL ON ALUM. WINDOW (OPTIONAL)
- 3" O.C. (2) 2"x4" O.C. NAIL ON ALUM. WINDOW (OPTIONAL)
- WEATHERSTRIP - 3/4" IN - PENKO
- THRESHOLD - 211A - PENKO
- DOOR BOTTOM - 216A - PENKO
- L 2"x4" FULL HT. STUDS W/ (2) 2"x4" TRIMMER GREENING SIDES SPIKE TOGETHER W/ 16d NAILS & 24" O.C. (2) ROHS TYP.
- 2"x4" STUD & 16" O.C. WITH 2-16d END NAILS (STUD TO PLATE).
- (2) 2"x4" FULL HT. STUDS W/ (2) 2"x4" TRIMMER GREENING SIDES SPIKE TOGETHER W/ 16d NAILS & 24" O.C. (2) ROHS TYP.
- (2) 2"x4" (FLAT) STUD POST SPIKE TOGETHER WITH 16d NAILS & 24" O.C. (2) ROHS W/ (1) 2"x4" PLATE & EA. SIDE W/ 16d NAILS & 24" O.C. TYP. & O.C. SUPPORT TO PLASTIC MOLDING AROUND WINDOW OPENINGS.
- SHEET METAL EDGE TRIM.
- CONT. 22 GA. X 1/2" TIDE SHIT. METAL FLASHING (TYP.) AROUND BUILDING
- PROVIDE CONT. BEAD OF CAULKING.
- 5/8" CONCRETE ANCHOR "RAMBOLT" OR EQ.
- 1/4" THK. TIE DOWN STEEL PLATE
- GALV. WIRE SCREEN WITH 1/4" SQUARE HOLES ON 26 GA. SHEET METAL FRAME RIVETED TO 24 GA. SHEET METAL BRACKET ON TOP & SCREWED TO FLOOR BEAM & CONC. FOOTING WITH #10 x 1 1/4" L.G. SMS. WITH EXPANSION SHIELD & 24" O.C.
- UNDERFLOOR VENT (SEE FOUNDATION PLAN FOR REF.)
- RAMPS AND LANDINGS (OPTIONAL)
- EXISTING GRADE OR FINISH GRADE.
- CONCRETE FOUNDATION.
- BUILDING PAD / DIRT PAD.
- MOISTURE BARRIER - TAR IMPREGNATED BOARD OR EQUAL (BY OTHERS)
- APPROVED COMPACTED FILL.
- 4" THK. CONCRETE SLAB WITH 6x6 - #14x14 REIN. (BY OTHERS)
- 4" HIGH VINYL TOPSET BASE (TYP.)
- CHALKBOARD-220"x34" SECTIONS WITH CHALKTRAY HOLDING & MAP RAIL WITH HOOK & SLIDER (2'-6" AFF.)

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STRUCTURAL ENGINEER: [Signature] LICENSE NO. 30022 STATE OF CALIFORNIA LICENSE EXPIRES 8-30-2000

ARCHITECT: PROFILE STRUCTURES, INC. CONTRACTOR'S LICENSE # 240071 81 13926 CALHUNTA RD. SANTA FE SPRINGS CA. 90670 (310) 921-2551 FAX (310) 921-2203

60' x 32' CLASSROOM BUILDING RIGID FRAME - BUILT UP ROOF - ROOF STUDS

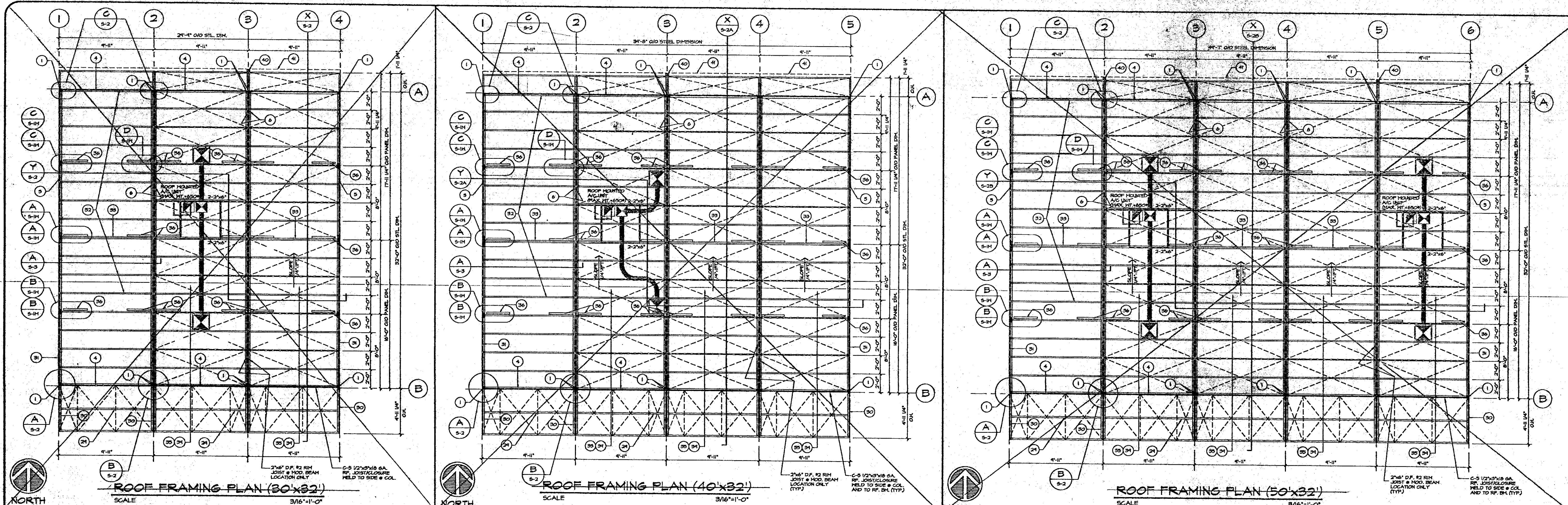
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ROOF FRAMING PLAN / DETAILS & WALL FRAMING ELEVATIONS

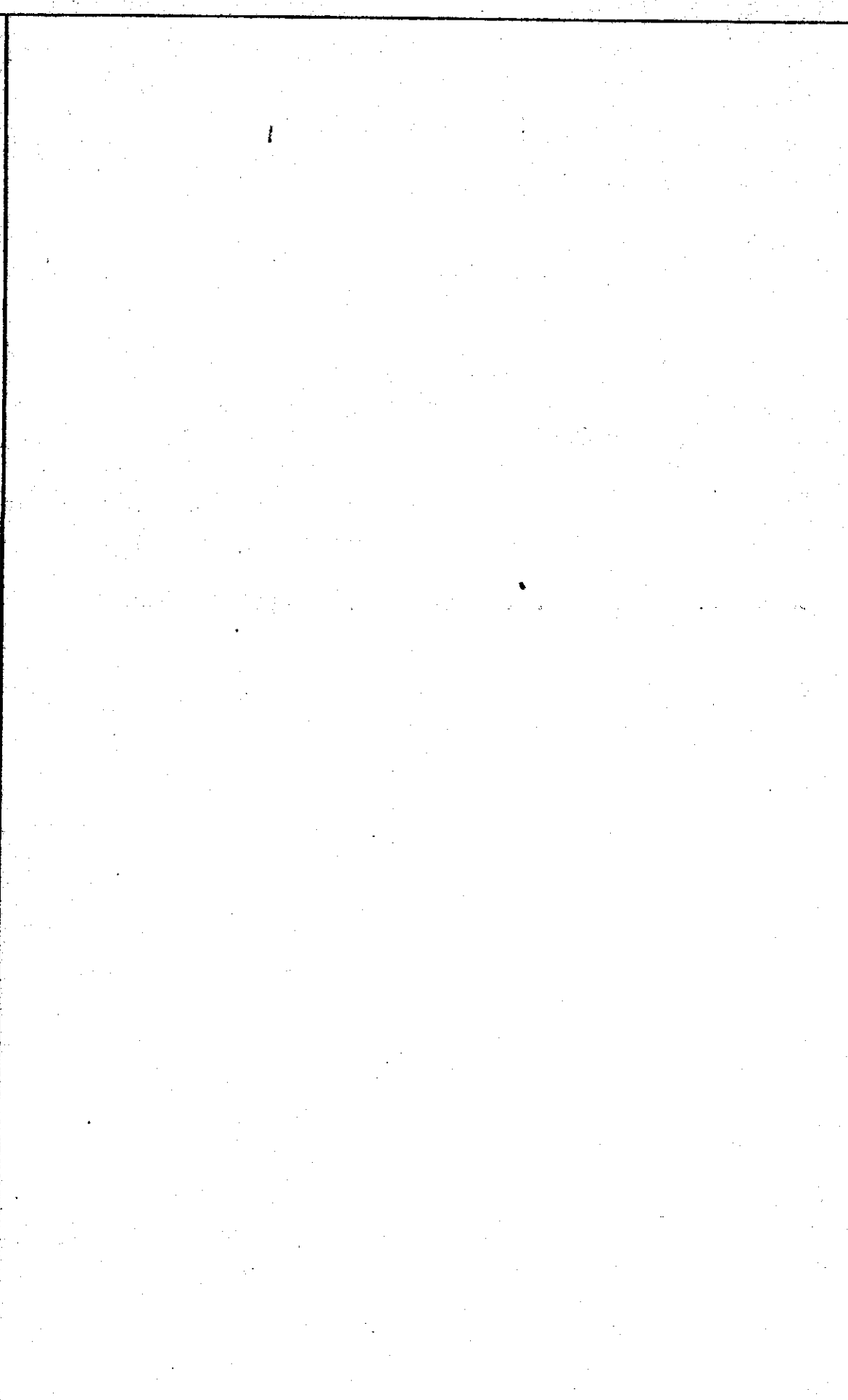
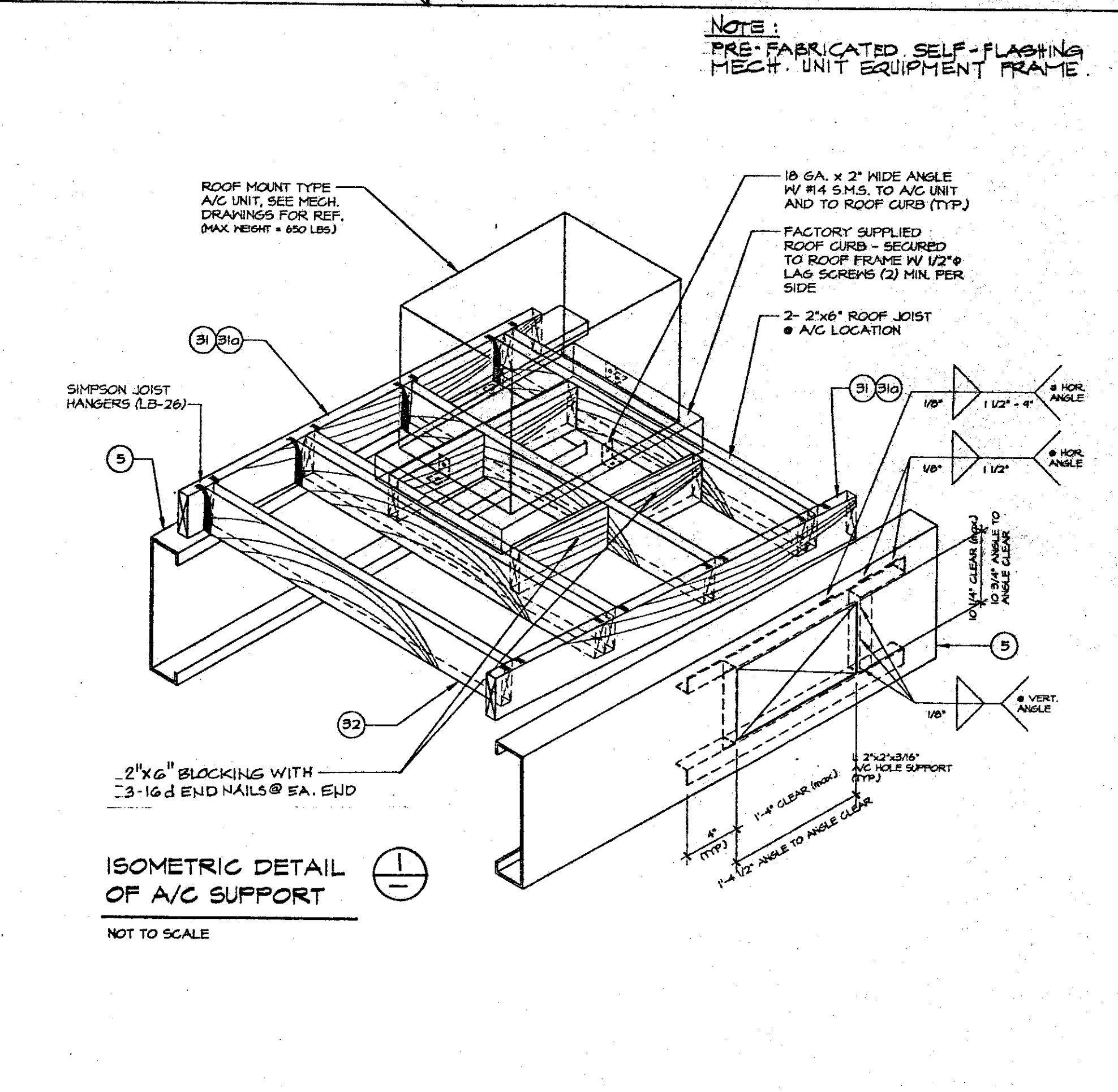
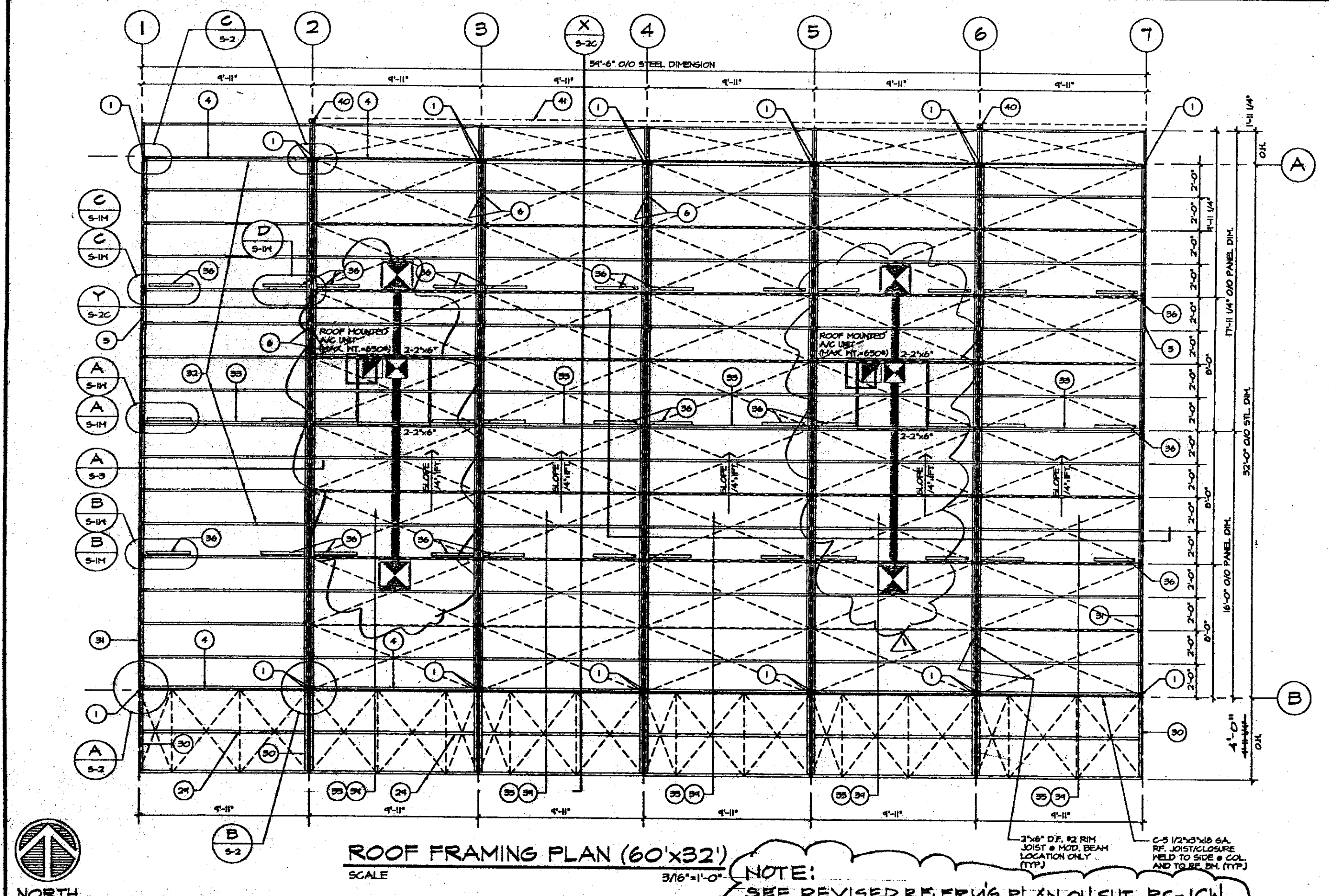
DIVISION OF THE STATE ARCHITECT IDENTIFICATION Stamp: APP: 102932 DATE: NOV 17 1999

NOT FOR CONSTRUCTION

JAN 18 2000



- REFERENCE NOTES : (AS APPLICABLE)**
- TS 3 1/2"x3 1/2"x1/2" GA. COLUMN
 - TS 3 1/2"x3 1/2"x1/2" GA. INTERMEDIATE COL.
 - STL. PL. 1/4" x 3 1/2" x 0'-6" U/2" OUTRIGGER/ COLUMN SUPPORT
 - C 15"x3 3/8"x1/2 GA. END ROOF BEAM
 - C 15"x3 3/8"x1/2 GA. SIDE ROOF BEAM
 - C 15"x3 3/8"x1/2 GA. SLOPE & MOD JOINT (TYP)
 - C 15"x3 1/2"x1/2 GA. SLOPE & MOD JOINT (TYP)
 - C 10"x3"x1/4 GA. ROOF BEAM
 - 3/8" THK. STIFFENER PLATE
 - 1/4" THK. COLUMN CAP PLATE (TOP & BOT)
 - 3/4" NUT, TACKLED INSIDE CAP PLATE
 - L 2 1/2"x2 1/2"x3/8"x0'-2 3/4" L.G. CLIP
 - L 2 1/2"x2 1/2"x3/8"x0'-3 1/2" L.G. CLIP
 - L 2 1/2"x2 1/2"x3/8"x0'-8" L.G. CLIP
 - 1/8" HOLES IN 1/2" NUT TACKLED INSIDE COL.
 - 2 1/2"x2 1/2"x3/8" STEEL PLATE
 - 1/2" MACHINE BOLT (TYP)
 - 5/8" MACHINE BOLT (TYP)
 - C 10"x3"x1/4 GA. FLOOR END BEAM (TYP)
 - C 10"x3"x1/4 GA. FLOOR SIDE BEAM/JOIST (TYP)
 - C 10"x3"x1/4 GA. BLOCKING
 - 1 1/4" WIDE x 20 GA. BRIDGING STRAPS
 - L 2"x2"x1/4 GA. & EXT. SIDES OF MODULES & BRIDGING STRAPS LOCATION ONLY (SEE FLOOR FRAMING PLAN)
 - L 5"x5"x1/4 GA. X0'-6" L.G.
 - TS 3 1/2"x3 1/2"x1/2"x1/4" L.G. LEDGER, SEE DETAIL FOR REF. (INSTALL TO HATCH SLOPE OF RIM JOIST)
 - TS 3 1/2"x3 1/2"x1/2"x1/4" L.G. LEDGER, SEE DETAIL FOR REF. (INSTALL TO HATCH SLOPE OF RIM JOIST)
 - TS 2"x4"x1/4"x0'-6" L.G. LEDGER/STOOL, WELDED TO RF. BK. & HOLD DN. PLATE, SEE DETAIL FOR REF.
 - TS 3 1/2"x3 1/2"x1/2" GA. STUOL WELDED TO RF. BK. & LEDGER TUBE, CUT AS REQ'D. (SEE DET. FOR REF.)
 - TS 4"x3"x1/2" GA. ROOF JOIST WELDED TO EACH END TO TS 3 1/2"x3 1/2"x1/2" GA. OUTRIGGER (TYP)
 - TS 4" x 2" x 1/4" GA. OUTRIGGER WELDED TO TS 3 1/2"x3 1/2"x1/2" GA. COL. (SEE REF. FRAMING PLAN FOR REF. (TYP))
 - 2"x6" D.F. RIM JOIST (TYP) SEE ROOF FRAMING PLAN FOR REF. (TYP)
 - 2"x6" D.F. R2 ROOF JOIST @ 24" O/C W/ (3) 16d NAILS @ EA. END, RIM JOIST TO ROOF JOIST (TYP), W/ LB-26 SIMPSON JOIST HANGERS @ EXTERIOR SIDES ONLY (SEE ROOF FRAMING PLAN FOR REF.)
 - 2"x6" D.F. R2 R2 ROOF PANEL JOINT SPIKE TOGETHER W/ 16d GALV. BOX NAILS (2) RIMS STAGGED. (TYP) SEE ROOF FRAMING PLAN FOR REF.
 - LB-26 SIMPSON JOIST HANGERS (TYP)
 - 1/2" THICK PLYWOOD SHEATHING (TYP) STRUCT-1 CDX 5-PLY (EXTERIOR GRADE) W/ 8d GALV. BOX NAILS @ 6" O/C ON ALL EDGES AND @ 12" O/C IN FIELD (TYP) SEE ROOF FRAMING PLAN FOR REF.
 - 2"x2"x1/4 GA. BRACING (TYP) SEE ROOF FRAMING PLAN FOR REF. (TYP)
 - 6" x 8" L.G. X 10 GA. SHIT. METAL HOLD DN. PLATE W/ (3) 8d X 1 1/2" L.G. WOOD SCREWS TO RIM JOIST, HELDED TO STL. TUBE RISER STOOL. AT PANEL JOINT, SEE DETAIL FOR REF.
 - 6" x 14" L.G. X 10 GA. SHIT. METAL HOLD DN. PLATE W/ (6) 8d X 1 1/2" L.G. WOOD SCREWS TO RIM JOIST, HELDED TO STL. TUBE RISER STOOL. AT PANEL JOINT, SEE DETAIL FOR REF.
 - CLASS "A" MINERAL SURFACE BUILT-UP ROOFING SYSTEM BY "65" ROOFING PRODUCTS OR ARCHITECT APPROVED EQUAL TO CONFORM TO "65" SPECIFICATION NO. A-4-H-3 (TYP)
 - 4"x3"x26 GA. GALV. S.M. DOWNSPOUT WITH STRAPS @ 5'-0" O/C (MAX) SECURED TO BLDG. W/ NO S.M.S.
 - CONT. 24GA. GALV. GUTTER
 - 24 GA. CONT. GALV. FASCIA
 - 2-4-1 PLYWOOD FLOOR DECK - (D.F.) PSI-83 T&G 1 1/8" THK. WITH #0 x 1 3/4" L.G. F.H.S.T. SCREWS @ 6" O/C ON EDGES & 12" O/C IN FIELD.
 - 5/8" THK. EXTERIOR GRADE PLYWOOD SIDING (1-1/2) PLAIN OVER 15# BLDG. PAPER OR 4 MIL VISOSEEN WITH 8d BOX NAILS @ 6" O/C ON EDGES AND 12" O/C IN FIELD (TYP) PAINT FINISH TO BE SELECTED BY SCHOOL DIST. (FOR METAL STUDS) USE #8 F.H.S.T. SCREWS @ 6" O/C ALL EDGES AND 12" O/C IN FIELD (TYP)



70. PLASTIC MOLDING AROUND WINDOW OPENING.
- SHEET METAL EDGE TRIM.
- CONT. 22 GA. X 1" WIDE SHIT. METAL FLASHING (TYP) AROUND BUILDING
- PROVIDE CONT. BEAD OF CAULKING.
- 5/8" CONCRETE ANCHOR "RABBIT" OR EQ.
- 1/4" THK. TIE DOWN STEEL PLATE
- GALV. WIRE SCREEN WITH 1/4" SQUARE HOLES ON 26 GA. SHEET METAL FRAME RETIRED TO 24 GA. SHEET METAL BRACKET ON TOP & SECURED TO FLOOR BEAM & CONG. FOOTING WITH #0 x 1 1/4" L.G. S.M.S. WITH EXPANSION SHIELD @ 24" O/C.
- UNDERFLOOR VENT (SEE FOUNDATION PLAN FOR REF.)
- RAMP AND LANDINGS (OPTIONAL)
- EXISTING GRADE OR FINISH GRADE.
- CONCRETE FOUNDATION.
- BUILDING PAD / DIRT PAD.
- MOISTURE BARRIER - TAR IMPREGNATED BOARD OR EQUAL (BY OTHERS)
- APPROVED COMPACTED FILL.
- 4" THK. CONCRETE SLAB WITH 6x6 - #14@4" R.F. (BY OTHERS)
- 4" HIGH VINYL TOPSET BASE (TYP)
- CHALKBOARD-C205X4" SECTIONS WITH CHALKTRAY HOLDERS & MAP RAIL WITH HOOK & FLAG HOLDER (2'-6" A.F.F.)

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NOTE:
 SEE REVISED R.F. FRMS PLAN ON SUT. ES-1CN

STRUCTURAL ENGINEER
 ARCHITECT

PROFILE STRUCTURES, INC.
 CONTRACTOR'S LICENSE # 246071 B1
 30440/50/60'x 32' CLASSROOM BUILDING
 RIGID FRAME - BUILT UP ROOF - WOOD/STEEL STUDS
 SCALE: NOTED
 DATE: 06/15/16
 DRAWN BY: M99-66
 CHECKED BY: S-ADD

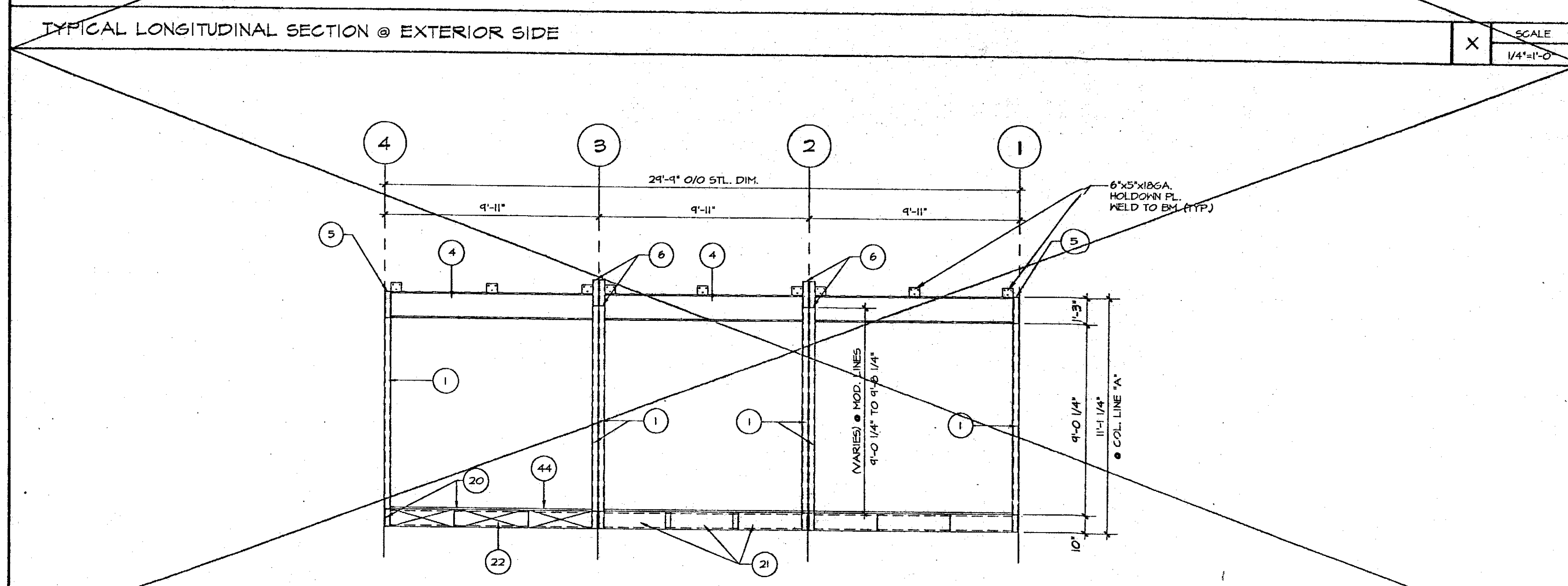
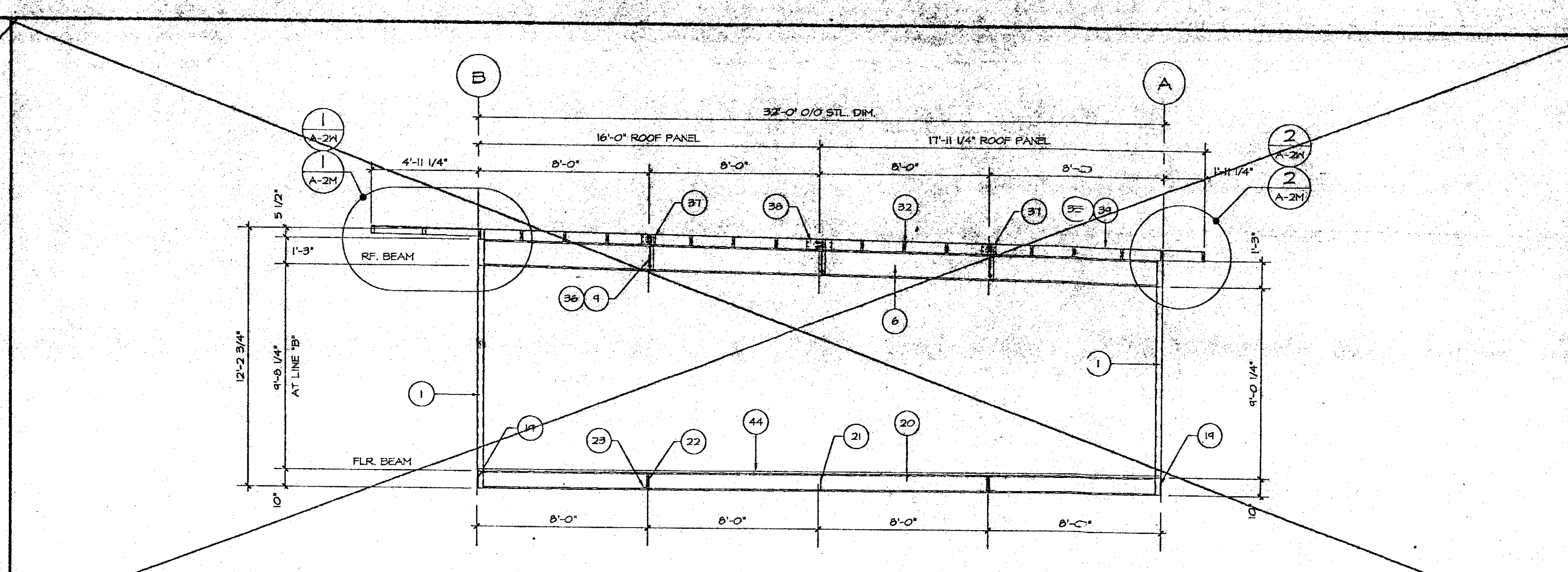
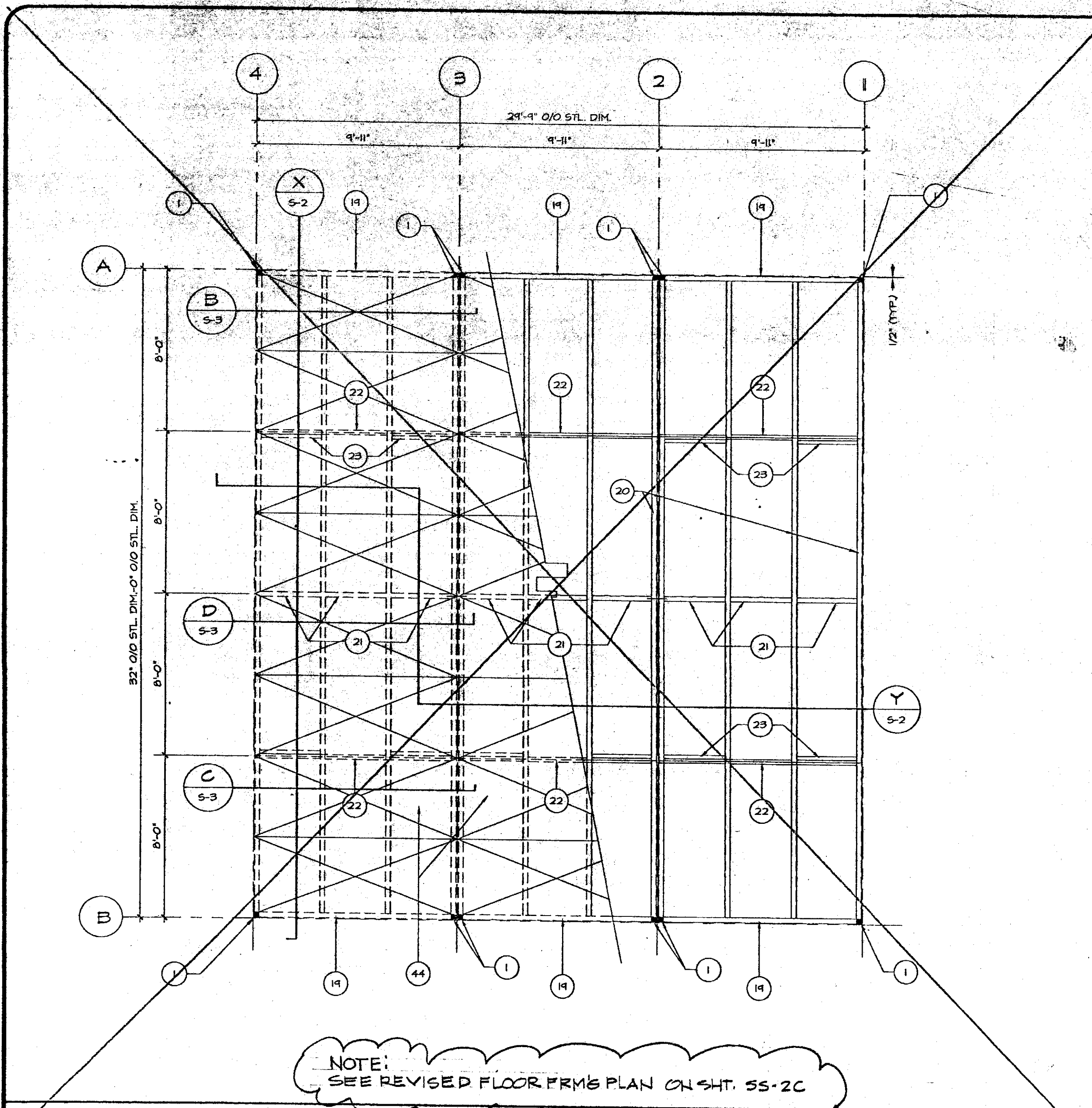
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 DIV. OF THE STATE ARCHITECT
 APP: 102932
 REVIEWED FOR
 SS FLS ACS
 DATE: NOV 17 1999

NOT FOR CONSTRUCTION

LICENSE EXPIRES 9-30-2020

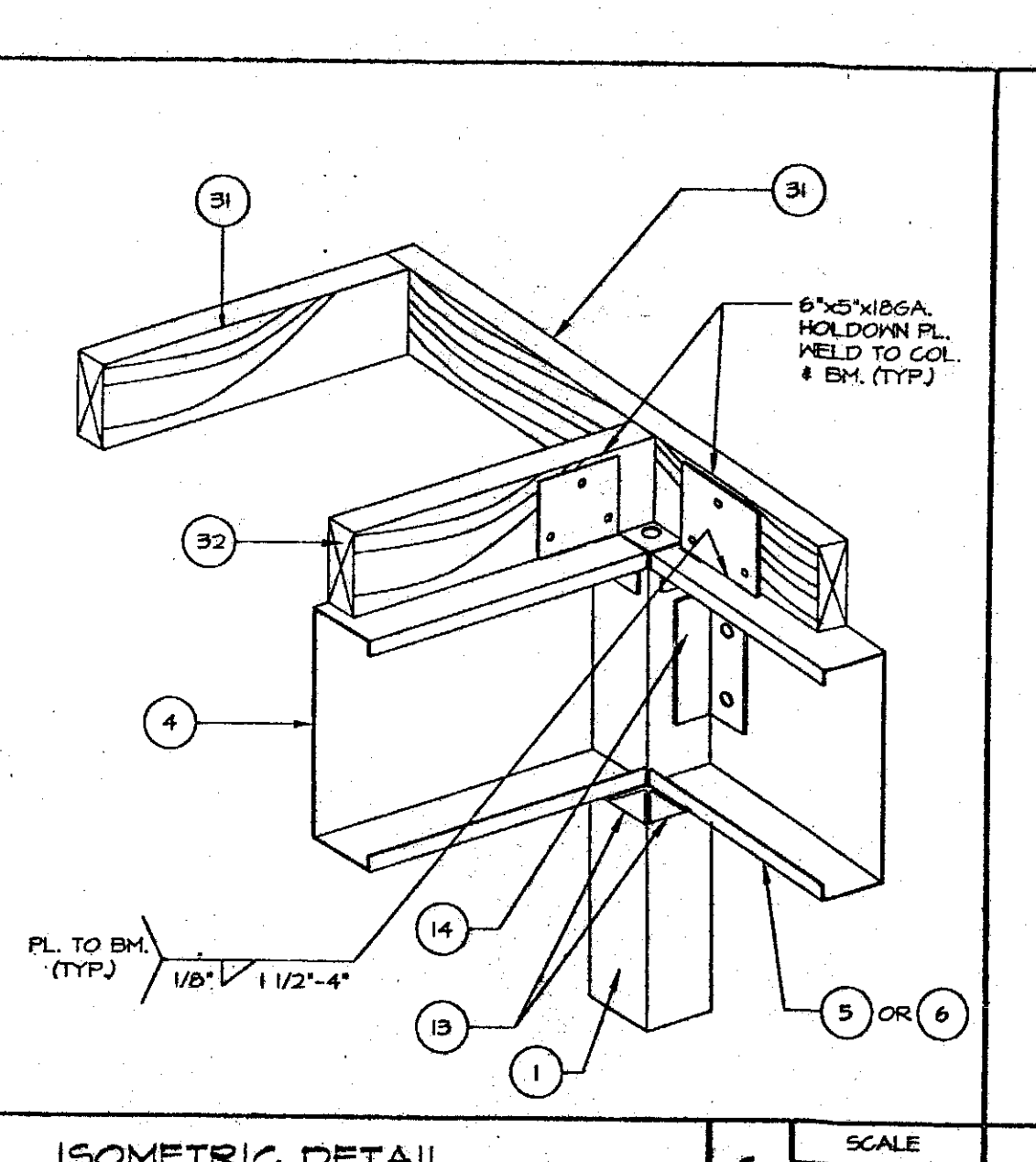
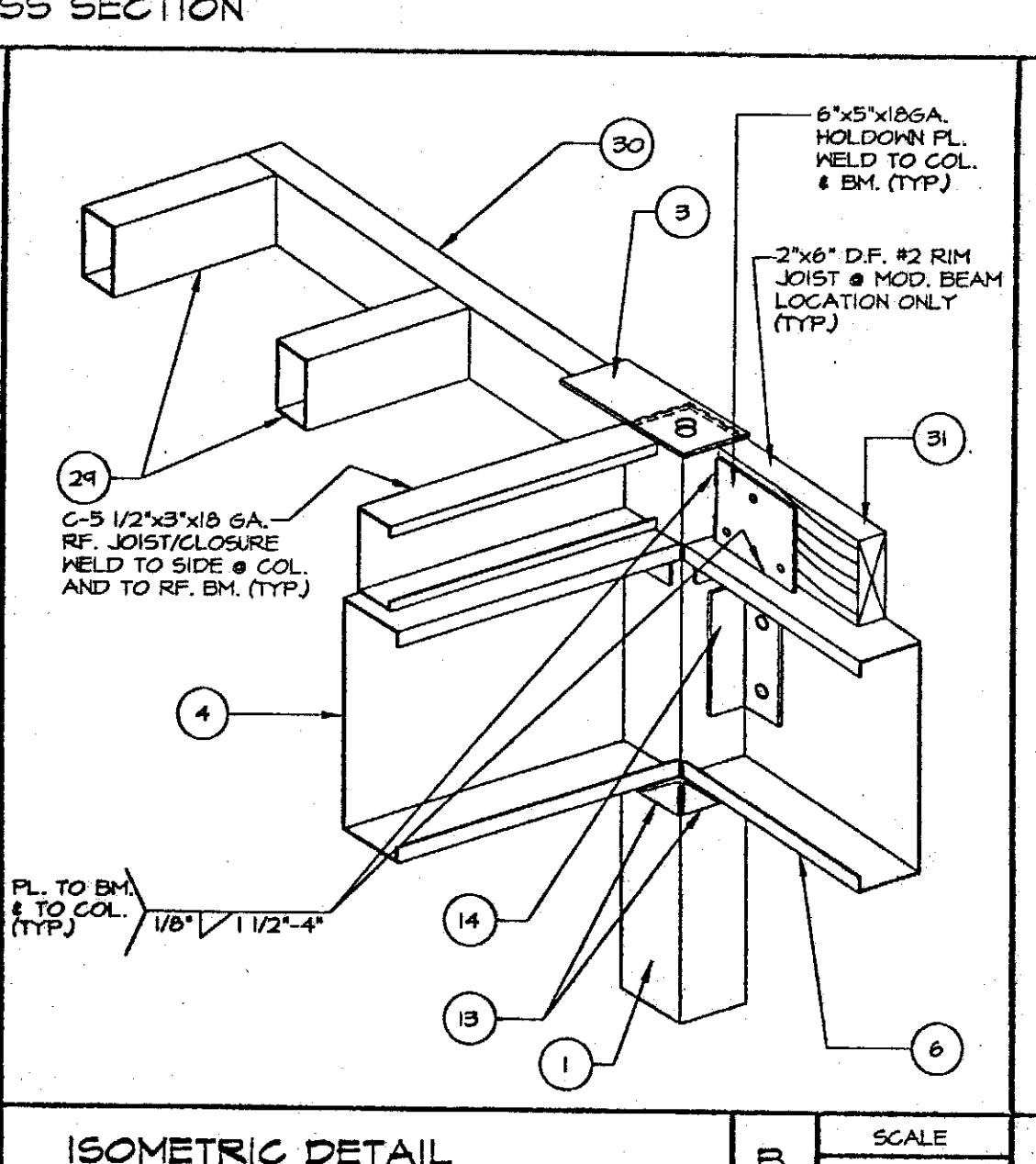
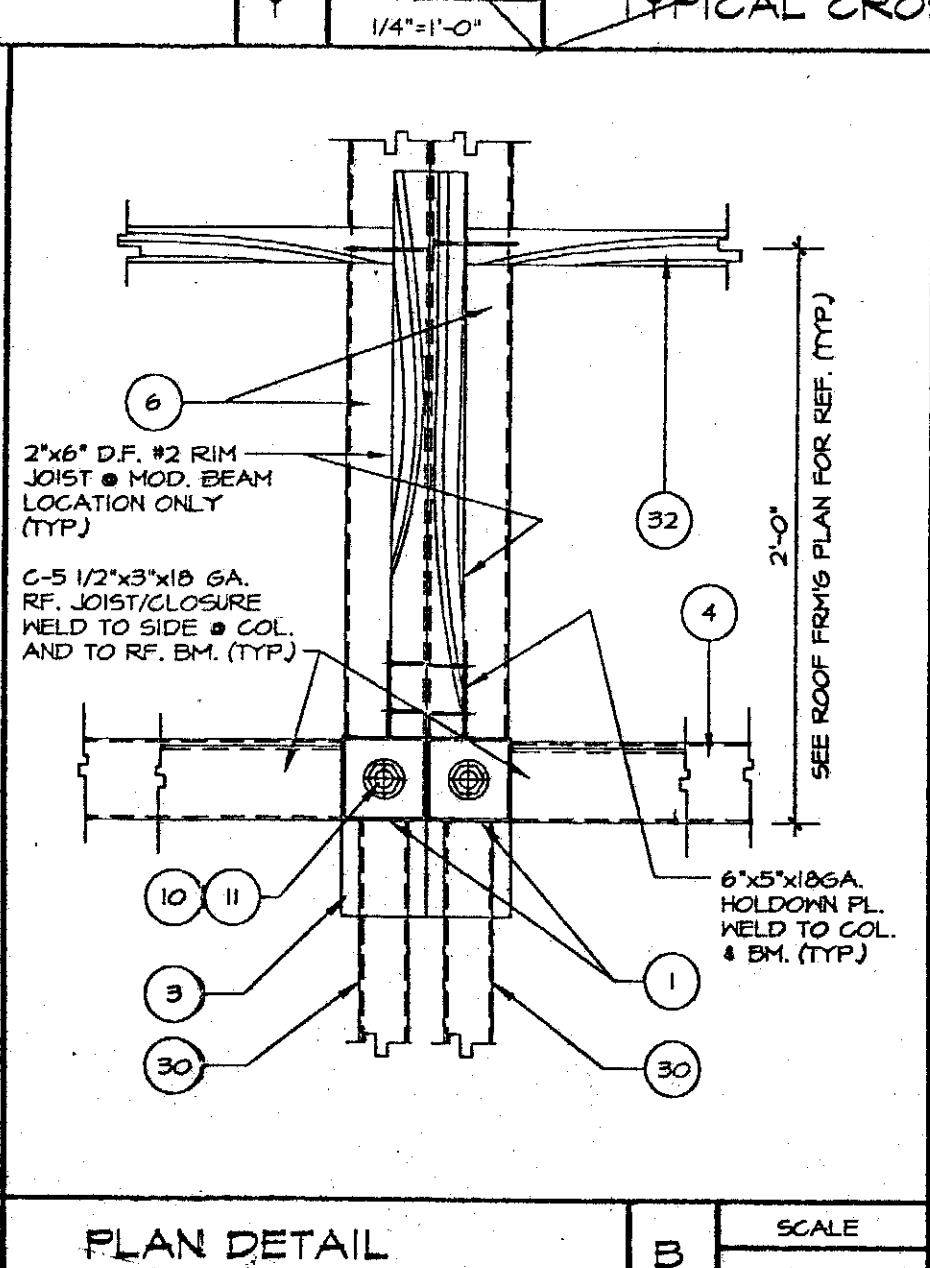
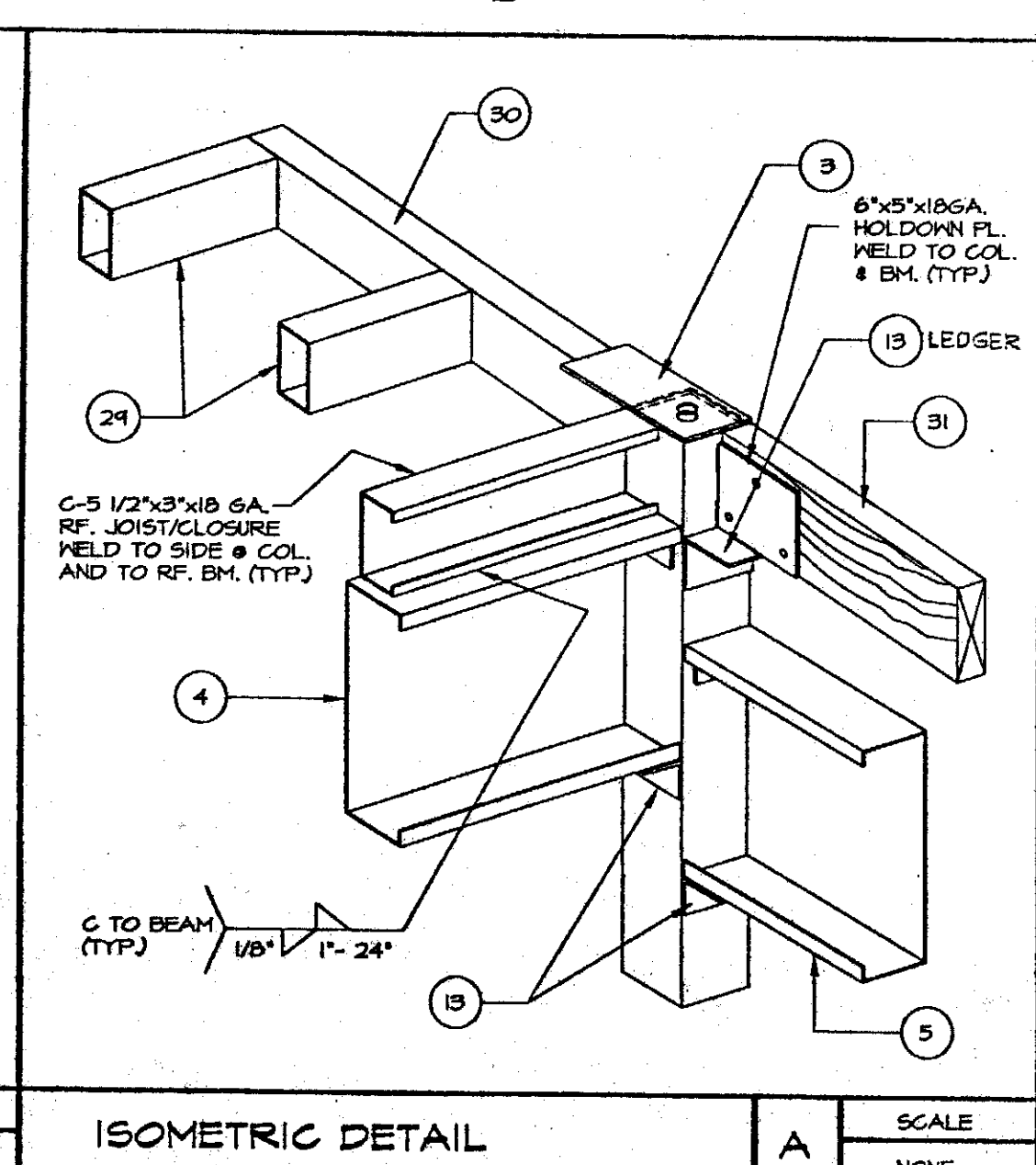
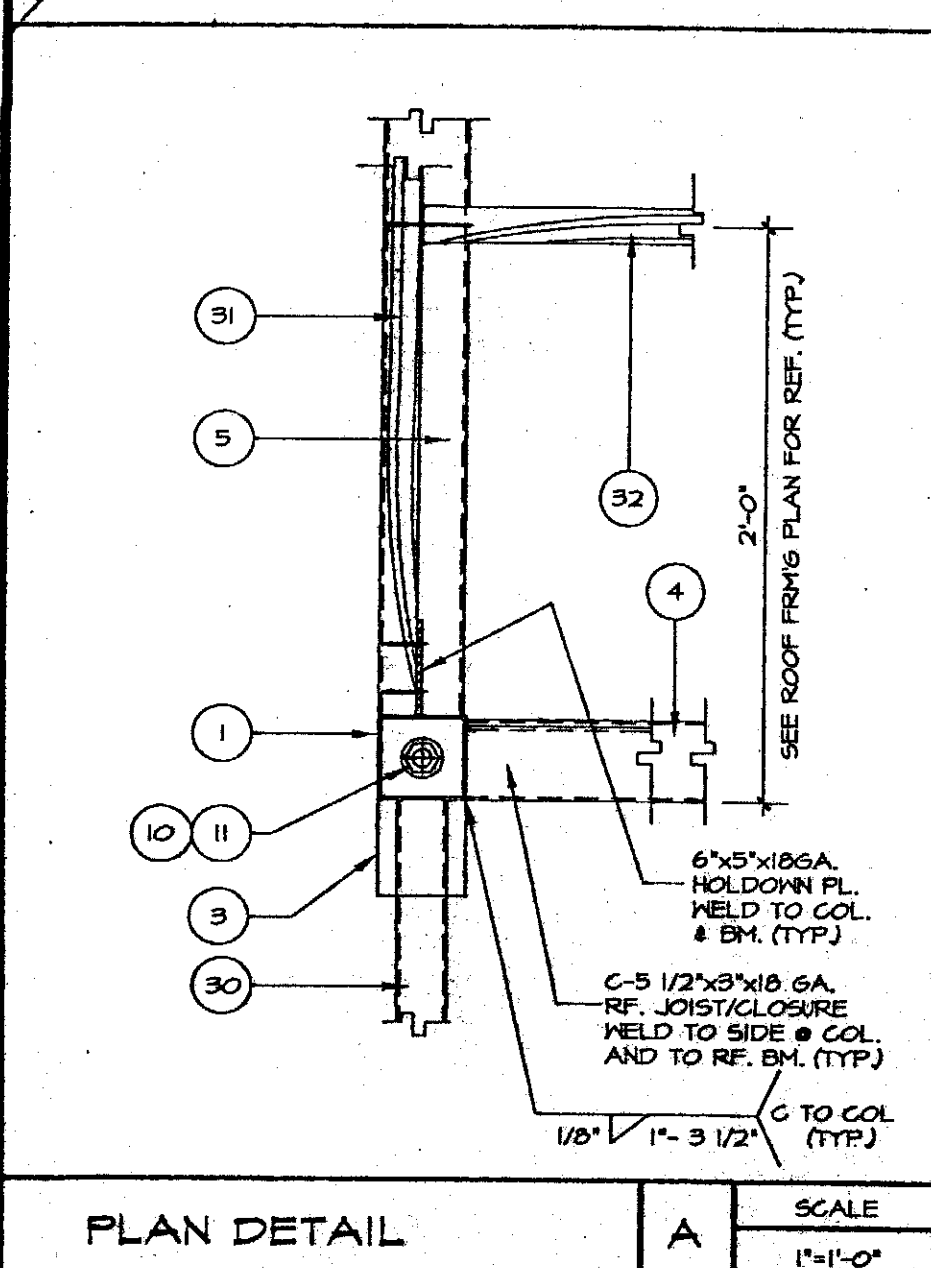
DIVISION OF THE STATE ARCHITECT
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 APPL. # PC-295
 AC. FLS 12/17/23
 DATE 12/17/23

JAN 18 2000



REFERENCE NOTES : (AS APPLICABLE)

1. TS 3 1/2"x3 1/2"x11 GA. COLUMN
2. TS 3 1/2"x3 1/2"x11 GA. INTERMEDIATE COL.
3. STL. PL. 1/4" x 3 1/2" x 0'-6" 1/2" OUTRIGGER/COLUMN SUPPORT
4. C 15"x3 3/8"x12 GA. END ROOF BEAM
5. C 15"x3 3/8"x12 GA. SIDE ROOF BEAM
6. C 15"x3 3/8"x12 GA. SLOPE # MOD JOINT (TYP)
7. C 10"x3 1/2"x10 GA. SLOPE # MOD JOINT (TYP)
8. C 10"x3 1/2"x14 GA. ROOF BEAM
9. 3/8" THK STIFFENER PLATE
10. 1/4" THK COLUMN CAP PLATE (TOP & BOT)
11. 3/4" NUT, TACKWELDED INSIDE CAP PLATE
12. L 2 1/2"x2 1/2"x3/16"x0'-2 3/4" L.G. CLIP
13. L 2 1/2"x2 1/2"x3/16"x0'-3 1/2" L.G. CLIP
14. L 2 1/2"x2 1/2"x3/16"x0'-8" L.G. CLIP
15. 9/8" HOLES 1/2" NUT TACKWELDED INSIDE COL.
16. 2 1/2"x2 1/2"x3/16" STEEL PLATE
17. 1/2" MACHINE BOLT (TYP)
18. 5/8" MACHINE BOLT (TYP)
19. C 10"x3 1/2"x14 GA. FLOOR END BEAM (TYP)
20. C 10"x3 1/2"x14 GA. FLOOR SIDE BEAM JOIST (TYP)
21. C 10"x3 1/2"x14 GA. BLOCKING
22. 1 1/4" WIDE x 30 GA. BRIDGING STRAPS
23. L 2"x2"x1/4" GA. # EXT. SIDES OF HOLES & BRIDGING STRAPS LOCATION ONLY (SEE FLOOR FRAMING PLAN)
24. L 5"x3"x1/4" GA. # L.G.
25. TS 3 1/2"x3 1/2"x11 GA. # L.G. LEDGER, SEE DETAIL FOR REF. (INSTALL TO MATCH SLOPE OF RIM JOIST)
26. TS 3 1/2"x3 1/2"x11 GA. # L.G. LEDGER, SEE DETAIL FOR REF. (INSTALL TO MATCH SLOPE OF RIM JOIST)
27. TS 2"x4"x1/4" GA. # L.G. LEDGER/STOOL WELDED TO RF. BK. # HOLD DN. PLATE, SEE DETAIL FOR REF.
28. TS 3 1/2"x3 1/2" GA. # STCOL WELDED TO RF. BK. # LEDGER/TUBE, CUT AS REQ'D. (SEE DET. FOR REF.)
29. TS 4"x2"x1/4" GA. ROOF JOIST WELDED # EACH END TO TS 4"x2"x1/4" GA. OUTRIGGER (TYP)
30. TS 4" x 2" x 1/4" GA. OUTRIGGER WELDED TO TS 3 1/2"x3 1/2"x11 GA. COL. (SEE REF. FRAMING PLAN FOR REF. (TYP))
31. 2"x6" D.F. #2 RIM JOIST (TYP) SEE ROOF FRAMING PLAN FOR REF. (TYP)
32. 2"x6" D.F. #2 ROOF JOIST # 24" O/C W/ (B) 16d NAILS # EA. END, (RIM JOIST TO ROOF JOIST) (TYP) W/ LB-26 SIMPSON JOIST HANGERS # EXTERIOR SIDES ONLY (SEE ROOF FRAMING PLAN FOR REF.)
33. (D) 2"x6" D.F. #2 (AT ROOF PANEL JOINT) SPIKE TOGETHER W/ 16d GALV. BOX NAILS (2) ROWS STAGGED. (TYP) SEE ROOF FRAMING PLAN FOR REF.
34. LB-26 SIMPSON JOIST HANGERS (TYP)
35. 1/2" THICK PLYWOOD SHEATHING (TYP) STRICTLY 1/2" EXTERIOR GRADE W/ 8d GALV. BOX NAILS # 6" O/C ON ALL EDGES AND 12" O/C IN FIELD (TYP) SEE ROOF FRAMING PLAN FOR REF.
36. L-2"x2"x1/4" GA. BRAGINS (TYP) SEE ROOF FRAMING PLAN FOR REF. (TYP)
37. 6" x 8" LG. x 18 GA. SHT. METAL HOLD DN. PLATE W/ (B) 16d 1/2" LG. HOOD SCREWS TO RIM JOIST, WELDED TO STL. TUBE RISER STOOL, AT PANEL JOINT, SEE DETAIL FOR REF.
38. 6" x 14" LG. x 18 GA. SHT. METAL HOLD DN. PLATE W/ (B) 16d 1/2" LG. HOOD SCREWS TO RIM JOIST, WELDED TO STL. TUBE RISER STOOL, AT PANEL JOINT, SEE DETAIL FOR REF.
39. CLASS "A" MINERAL SURFACE BUILT-UP ROOFING SYSTEM BY 95' ROOFING PRODUCTS OR ARCHITECT APPROVED EQUAL TO CONFORM TO 95' SPECIFICATION NO. A-4-H-3 (TYP) U.L. # R-110295 (1)
40. 4"x2"x26 GA. GALV. S.M. DOWNSPOUT WITH STRAPS # 2"x2" O/C (MAX) SECURED TO BLDG. W/ 8d 5/16s.
41. CONT. 24GA. GALV. GUTTER
42. 4"x2"x26 GA. GALV. S.M. OVERFLOW
43. 24 GA. CONT. GALV. FASCIA
44. 2-1/4" PLYWOOD FLOOR DECK - (D.F.) PSI-83 T&G 1/8" THK WITH 8d x 1 3/4" L.G. FAST. SCREWS # 6" O/C ON EDGES & 10" O/C IN FIELD.
45. 5/8" THK EXTERIOR GRADE PLYWOOD SIDING (TYP) PLAIN OVER 1/4" BLDG. PAPER OR 4 MIL VICKEREN WITH 8d BOX NAILS # 6" O/C ON EDGES AND 12" O/C IN FIELD (TYP) PAINT FINISH TO BE SELECTED BY SCHOOL. DIST. (FOR METAL STUDS) USE #8 FH.S.T. SCREWS # 6" O/C ALL EDGES AND 12" O/C IN FIELD (TYP)
46. 1/8" THK PORTLAND CEMENT PLASTER FINISH OVER PAPERBACK METAL LATH OVER 3/8" THK PLYWOOD SHEATHING
47. 1/2" THK. MIRREX OVER 1/2" THK. GYPSUM BOARD. SEE FIN. SCHEDULE FOR REF. (TYP)
48. 5/8" THK. GYPSUM BOARD (PAINT FINISH)
49. 1/2" THK. DURASAN INTERIOR WALL FINISH
50. R-11 F.S. INSULATION FLAME SPREAD 0-25, SMOKE DENSITY 50.
51. R-11 F.S. INSULATION FLAME SPREAD 0-25, SMOKE DENSITY 50, SUPPORTED W/ 1"x2" PLASTIC NETTING SECURED TO 2TH. OF RF. JOIST W/ 1/2" STAPPLES (TYP)
52. CEILING BOARD, MINERAL FIBER LAY-IN PANEL 24"x48"x5/8" THK. CORTESA T&G BY ARMSTRONG NON-DIRECTIONAL (CLASS A / F.S. 0-25)
53. MAIN RUNNER - ARMSTRONG # T300 INTER. DUTY
54. CROSS RUNNER - ARMSTRONG # T348 INTER. DUTY
55. HALL ANGLE - ARMSTRONG # T820D NON-CLASSIFIED
56. ANGLE HANGER - 3"x3"x24 GA. # 24" O/C - POP RIVETED TO ROOF BEAM # TO HALL ANGLE
57. CONT. HALL ANGLE SECURED TO ANGLE HANGERS WITH 1/8" POP RIVET. (TYP)
58. 6"-0"x4'-0" (2X) NAIL ON ALUM. HENDON (OPTIONAL)
59. 3'-0"x6'-0"x1/4" H.M. DOOR ON METAL FRAME
60. WEATHERSTRIP - 3/4" AN - PERMO
61. THRESHOLD - 271A - PERMO
62. DOOR BOTTOM - 266A - PERMO
- 63.
- 64.
- 65.
66. SEE WALL FRAMING ELEVATIONS FOR REFERENCE
- 67.
- 68.
- 69.
70. PLASTIC MOLDING AROUND WINDOW OPENINGS.
71. SHEET METAL EDGE TRIM.
72. CONT. 22 GA. x 1" WIDE SHT. METAL FLASHINGS (TYP) AROUND BUILDING
73. PROVIDE CONT. BEAD OF CAULKING
74. 5/8" CONCRETE ANCHOR "RANBOLT" OR EQ.
75. 1/4" THK. TIE DOWN STEEL PLATE
76. GALV. WIRE SCREEN WITH 1/4" SQUARE HOLES ON 26 GA. SHEET METAL FRAME RIVETED TO 24 GA. SHEET METAL BRACKET ON TOP # SECURED TO FLOOR BEAM # CONC. FOOTINGS WITH 8d x 1 1/4" LG. S.M.S. WITH EXPANSION SHIELD # 24" O/C.
77. UNDERLOOR VENT (SEE FOUNDATION PLAN FOR REF.)
78. RAMP AND LANDINGS (OPTIONAL)
79. EXISTING GRADE OR FINISH GRADE
80. CONCRETE FOUNDATION
81. BUILDING PAD / DIRT PAD.
82. MOISTURE BARRIER - TAR IMPREGNATED BOARD OR EQUAL (BY OTHERS)
83. APPROVED COMPACTED FILL
84. 4" THK. CONCRETE SLAB WITH 6x6 - 16x16x4 REIN. (BY OTHERS)
85. 4" HIGH VINYL TORPET BASE (TYP)
86. CHALKBOARD (28"x41" SECTIONS WITH CHALKTRAY MOLDING & MAP RAIL WITH HOOK & FLAG HOLDER (2'-6" A.F.F.)



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STRUCTURAL ENGINEER

 LICENSE EXPIRES 6-30-2008

ARCHITECT
 PROFILE STRUCTURES, INC.
 CONTRACTOR'S LICENSE # 248071 01
 (310) 921-2551
 FAX (310) 921-2923
 13926 CARMENITA RD.
 SANTA FE SPRINGS CA 90670

60' x 32' CLASSROOM BUILDING
 RIGID FRAME - BUILT UP ROOF - WOOD/METAL STUDS

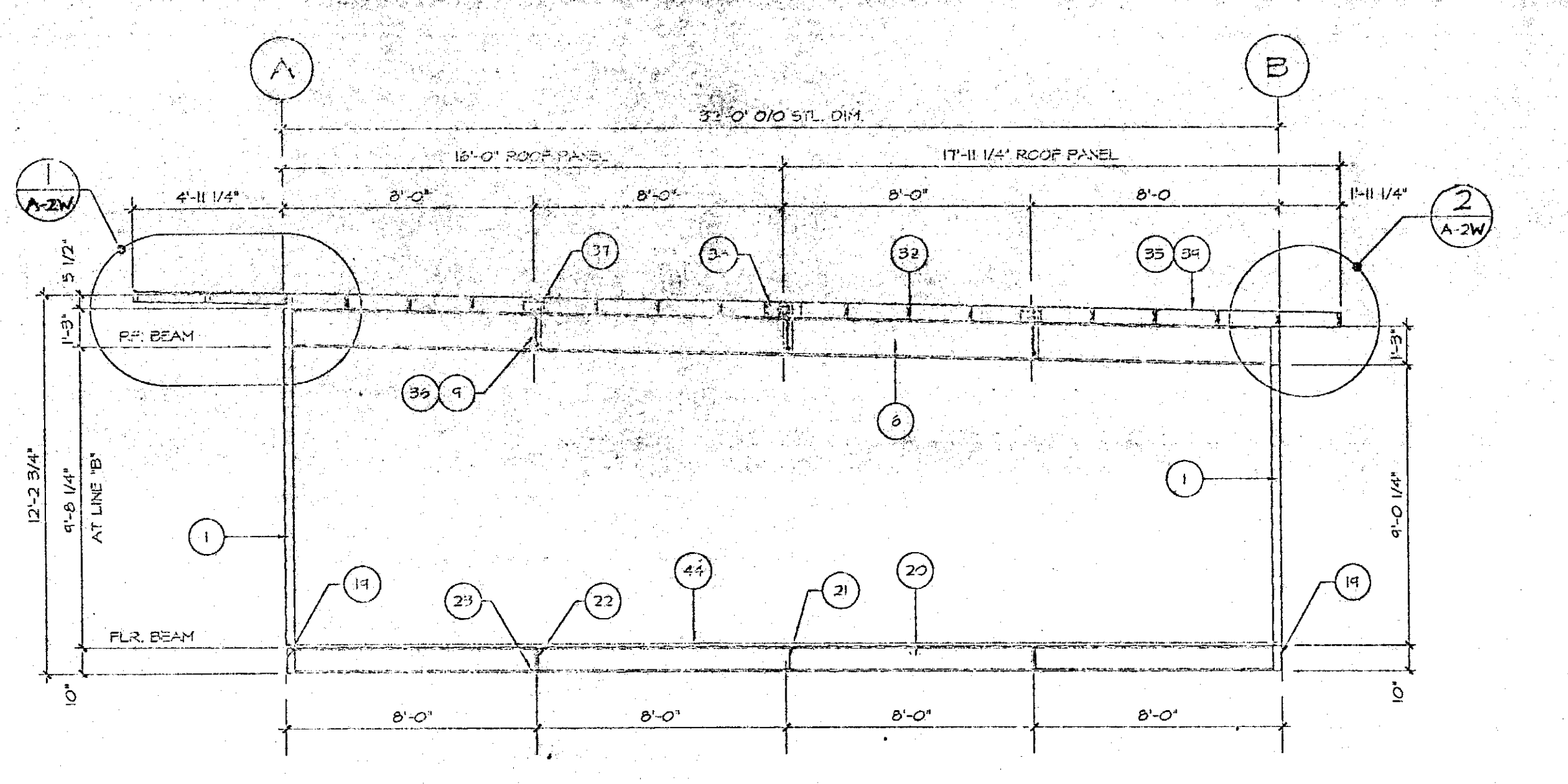
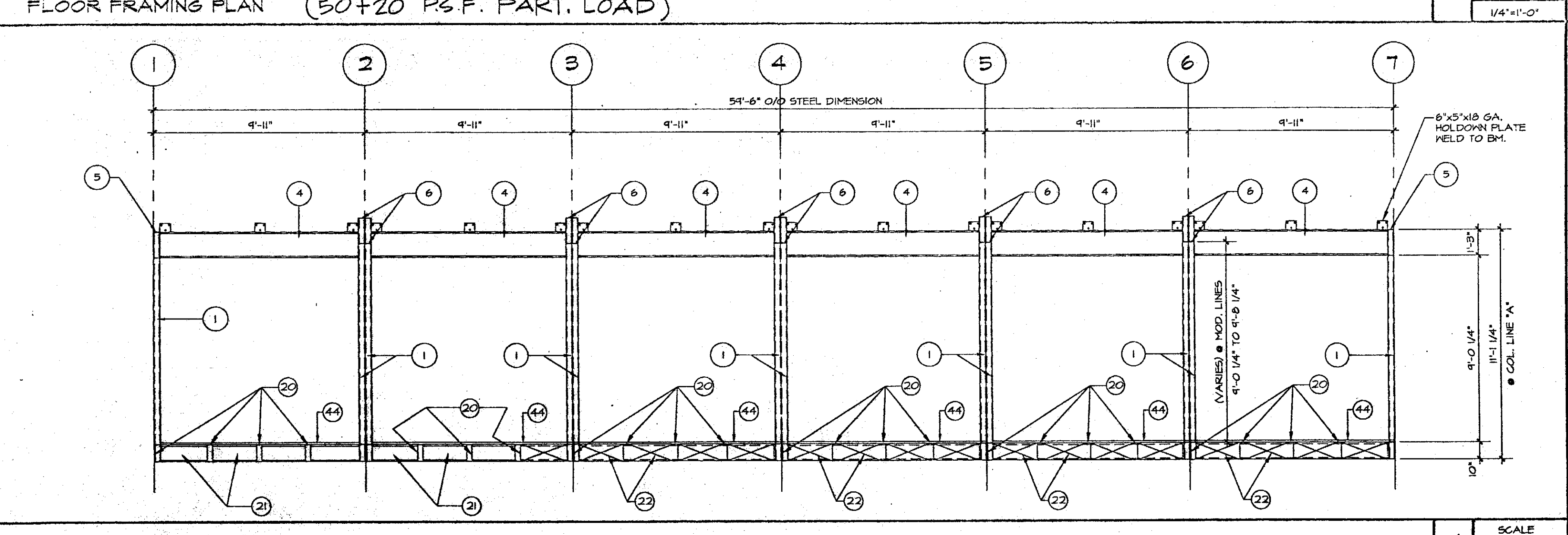
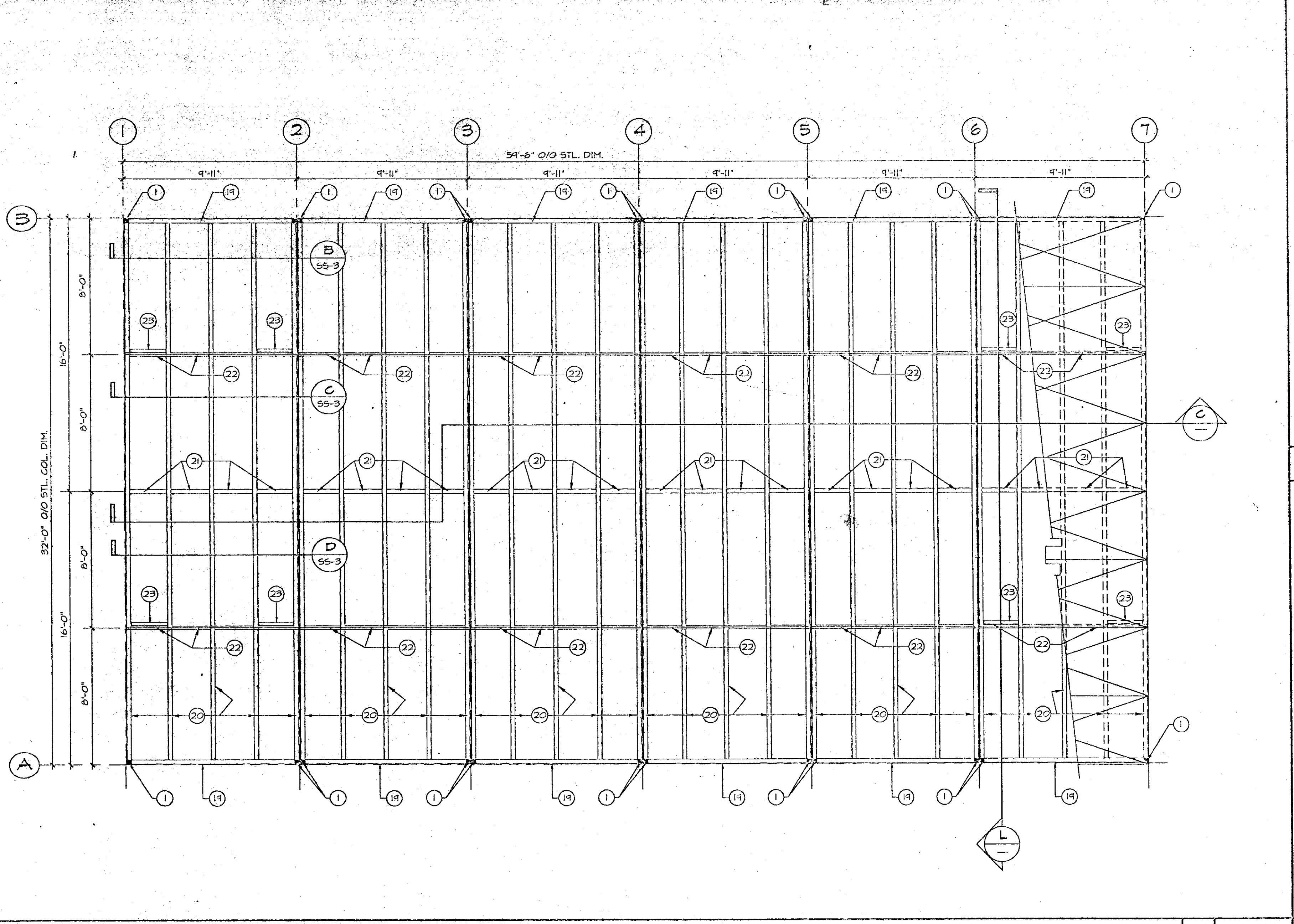
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REVISED			11/01/19
JOB NO.	M99-60		
DRAWING NUMBER	S-2		

DIVISION OF THE STATE ARCHITECT
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 APPL. # PC-295
 AC. FLS. SS. 4/1A
 DATE OCT 03 '98

NOT FOR CONSTRUCTION

JAN 18 2000

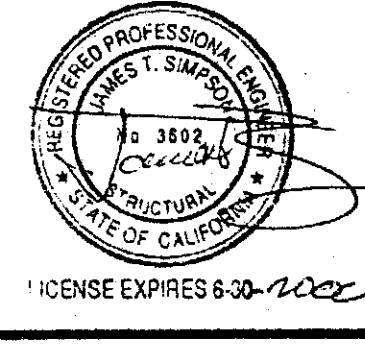
REV.	DATE	DESCRIPTION	BY



REFERENCE NOTES : (AS APPLICABLE)

1. TS 3 1/2"x3 1/2"x11 GA. COLUMN
2. TS 3 1/2"x3 1/2"x11 GA. INTERMEDIATE COL.
3. STL. PL. 1/4" x 3 1/2" x 0'-8 1/2" OUTRIGGER COLUMN SUPPORT
4. C 15"x3 3/8"x12 GA. END ROOF BEAM
5. C 15"x3 3/8"x12 GA. SIDE ROOF BEAM
6. C 15"x3 3/8"x12 GA. SLOPE & MOD JOINT (TYP)
7. C 10"x3 1/2"x10 GA. SLOPE & MOD JOINT (TYP)
8. C 10"x3 1/2"x10 GA. ROOF BEAM
9. 3/8" THK STIFFENER PLATE
10. 1/4" THK COLUMN CAP PLATE (TOP & BOT)
11. 3/4" NUT, TACK WELD INSIDE CAP PLATE
12. L 2 1/2"x2 1/2"x3/8"x0'-3 3/4" LG. CLIP
13. L 2 1/2"x2 1/2"x3/8"x0'-3 3/4" LG. CLIP
14. L 2 1/2"x2 1/2"x3/8"x0'-3 3/4" LG. CLIP
15. 4/16" HOLES W/ 1/2" NUT TAG WELD INSIDE COL.
16. 2 1/2"x2 1/2"x3/8" STEEL PLATE
17. 1/2" MACHINE BOLT (TYP)
18. 5/8" MACHINE BOLT (TYP)
19. C 10"x3 1/2"x14 GA. FLOOR END BEAM (TYP)
20. C 10"x3 1/2"x14 GA. FLOOR SIDE BEAM (TYP)
21. C 10"x3 1/2"x14 GA. BLOCKING
22. 1 1/4" WIDE x 20 GA. BRIDGING STRIPS
23. L 2"x2"x1/4" GA. & EXT. SIDES OF MODULES & BRIDGING STRIPS LOCATION ONLY (SEE FLOOR FRAMING PLAN)
24. L 5"x3"x1/4" GA. & 0'-6" LG.
25. TS 3 1/2"x3 1/2"x10 GA. & 4" LG. LEDGER, SEE DETAIL FOR REF. (INSTALL TO MATCH SLOPE OF RIM JOIST)
26. TS 3 1/2"x3 1/2"x10 GA. & 4" LG. LEDGER, SEE DETAIL FOR REF. (INSTALL TO MATCH SLOPE OF RIM JOIST)
27. TS 2"x4"x1/2" GA. & 6" LG. LEDGER/STOOL WELDED TO RF. BM. & HOLD DN. PLATE, SEE DETAIL FOR REF.
28. TS 3 1/2"x3 1/2"x11 GA. STOOL WELDED TO RF. BM. & LEDGER TUBE, CUT AS REQ'D. (SEE DET. FOR REF.)
29. TS 3 1/2"x3 1/2"x11 GA. STOOL WELDED TO RF. BM. & LEDGER TUBE, CUT AS REQ'D. (SEE DET. FOR REF.)
30. TS 4" x 2" x 11 GA. OUTRIGGER WELDED TO TS 3 1/2"x3 1/2"x11 GA. COL. (SEE REF. FRAMING PLAN FOR REF. (TYP))
31. 2"x6" D.F. RIM JOIST (TYP) SEE ROOF FRAMING PLAN FOR REF. (TYP)
32. 2"x6" D.F. RIM JOIST & 24" O/C W/ (B) 16d NAILS @ EA. END (RIM JOIST TO ROOF JOIST) (TYP) W/ LB-26 SIMPSON JOIST HANGERS @ EXTERIOR SIDES ONLY (SEE ROOF FRAMING PLAN FOR REF.)
33. (2) 2"x6" D.F. RIM JOIST SPIKE TOGETHER W/ 16d GALV. BOX NAILS (2) ROOF STAGGS (TYP) SEE ROOF FRAMING PLAN FOR REF.
34. LB-26 SIMPSON JOIST HANGERS (TYP)
35. 1/2" THICK PLYWOOD SHEATHING (TYP) STRUCT-1 CDX 5-PLY (EXTERIOR GRADE) W/ 8d GALV. BOX NAILS @ 6" O/C ON ALL EDGES AND @ 12" O/C IN FIELD (TYP) SEE ROOF FRAMING PLAN FOR REF.
36. L-2"x2"x1/4" GA. BRACINGS (TYP) SEE ROOF FRAMING PLAN FOR REF. (TYP)
37. 6" x 8" LG. X 10 GA. SHT. METAL HOLD DN. PLATE W/ (6) 10d U2" LG. WOOD SCREWS TO RIM JOIST, WELDED TO STL. TUBE RISER STOOL, SEE DETAIL FOR REF. (TYP)
38. 6" x 14" LG. X 10 GA. SHT. METAL HOLD DN. PLATE W/ (6) 10d U2" LG. WOOD SCREWS TO RIM JOIST, WELDED TO STL. TUBE RISER STOOL, AT PANEL JOINT, SEE DETAIL FOR REF. (TYP)
39. CLASS "A" MINERAL SURFACE BUILT-UP ROOFING SYSTEM BY "B" ROOFING PRODUCTS OR ARCHITECT APPROVED EQUAL TO CONFORM TO "B" SPECIFICATION NO. A-4-H-3 (TYP)
40. 4"x3"x26 GA. GALV. 5M. DOWNSPOUT WITH STRAPS @ 5'-0" O/C (MAX) SECURED TO BLDG. W/ #10 5M.S.
41. CONT. 24GA. GALV. GUTTER
42. 4"x3"x26 GA. GALV. 5M. OVERFLOW
43. 24 GA. CONT. GALV. FASCIA
44. 2-4-1 PLYWOOD FLOOR DECK - (D.F.) PS-88 T49 1/8" THK WITH #10 x 1 3/4" LG. FRST. SCREWS @ 6" O/C ON EDGES & 12" O/C IN FIELD
45. 5/8" THK EXTERIOR GRADE PLYWOOD SIDING (T-11) PLAN OVER SH. BLDG. PAPER OR 4 MIL VEGREEN WITH 8d BOX NAILS @ 6" O/C ON EDGES AND 12" O/C IN FIELD (TYP) PAINT FINISH TO BE SELECTED BY SCHOOL DIST. (FOR METAL STUDS USE #8 FL.S.T. SCREWS @ 6" O/C ALL EDGES AND 12" O/C IN FIELD (TYP))
46. 1/2" THK PORTLAND CEMENT PLASTER FINISH OVER PAPERBACK METAL LATH OVER 3/8" THK PLYWOOD SHEATHING.
47. 1/2" THK FIRETEX OVER 1/2" THK GYPSUM BOARD, SEE RUL. SCHEDULE FOR REF. (TYP)
48. 5/8" THK GYPSUM BOARD (PAINT FINISH)
49. 1/2" THK DURAGAN INTERIOR WALL FINISH.
50. R-11 F.R. INSULATION FLARE SPREAD 0-25, SMOKE DENSITY 50
51. R-11 F.R. INSULATION FLARE SPREAD 0-25, SMOKE DENSITY 50, SUPPORTED W/ 1"x2" PLASTIC NETTING SECURED TO BTH. OF RJ. JOIST W/ 1/2" STAPPLES (TYP)
52. CEILING BOARD, MINERAL FIBER LAY-IN PANEL 24"x48"x5/8" THK, CORTESA 784 BY AR-STRONGS NON-DIRECTIONAL (CLASS A / F.S. 0-25)
53. MAIN RUNNER - AR-STRONGS # 1300 INTER. DUTY
54. CROSS RUNNER - AR-STRONGS # 1349 INTER. DUTY
55. WALL ANGLE - AR-STRONGS # 10200 NON-CLASSIFIED
56. ANGLE HANGER - 3"x3"x24 GA. @ 24" O/C - POP RIVETED TO ROOF BEAM & TO WALL ANGLE.
57. CONT. WALL ANGLE SECURED TO ANGLE HANGERS WITH 1/2"x3 POP RIVETS (TYP)
58. 6"-0"x4"-0" (6d) NAIL ON ALUM. HINGED (OPTIONAL)
59. 3"-0"x8"-0" 3/4" HM. DOOR ON METAL FRAME
60. WEATHERSTRIP - 3/4" AN - PENKO
61. THRESHOLD - 271A - PENKO
62. DOOR BOTTOM - 216A - PENKO
63. SEE WALL FRAMING ELEVATIONS FOR REFERENCE
64. PLASTIC MOULDING AROUND WINDOW OPENING.
65. SHEET METAL EDGE TRIM.
66. CONT. 22 GA. X 1" WIDE SHT. METAL FLASHING (TYP) AROUND BUILDING
67. PROVIDE CONT. BEAD OF GASKING
68. 5/8" THK CONCRETE ANCHOR "RAB-DOLIT" OR EQ.
69. 1/4" THK TIE DOWN STEEL PLATE
70. GALV. WIRE SCREEN WITH 1/4" SQUARE HOLES ON 30 GA. SHEET METAL FRAME RIVETED TO 24 GA. SHEET METAL BRACKET ON TOP & SCREWED TO FLOOR BEAM & CONC. FOOTING WITH #3 x 1 1/4" LG. SCS. WITH EXPANSION SHIELD @ 24" O/C.
71. UNDERFLOOR VENT (SEE FOUNDATION PLAN FOR REF.)
72. RAMPS AND LANDINGS (OPTIONAL)
73. EXISTING GRADE OR FINISH GRADE.
74. CONCRETE FOUNDATION.
75. BUILDING PAD / DIRT PAD.
76. MOISTURE BARRIER - TAR IMPREGNATED BOARD OR EQUAL (BY OTHERS)
77. APPROVED COMPACTED FILL.
78. 4" THK CONCRETE SLAB WITH 6x6 - W/ #4 REINF. (BY OTHERS)
79. 4" HIGH VINYL TOPSET BASE (TYP)
80. CHALKBOARD-(2)30"x41" SECTIONS WITH CHALKTRAY HOLDING & MAP RAIL WITH HOOK & FLAG HOLDER (2'-6" A.F.F.)

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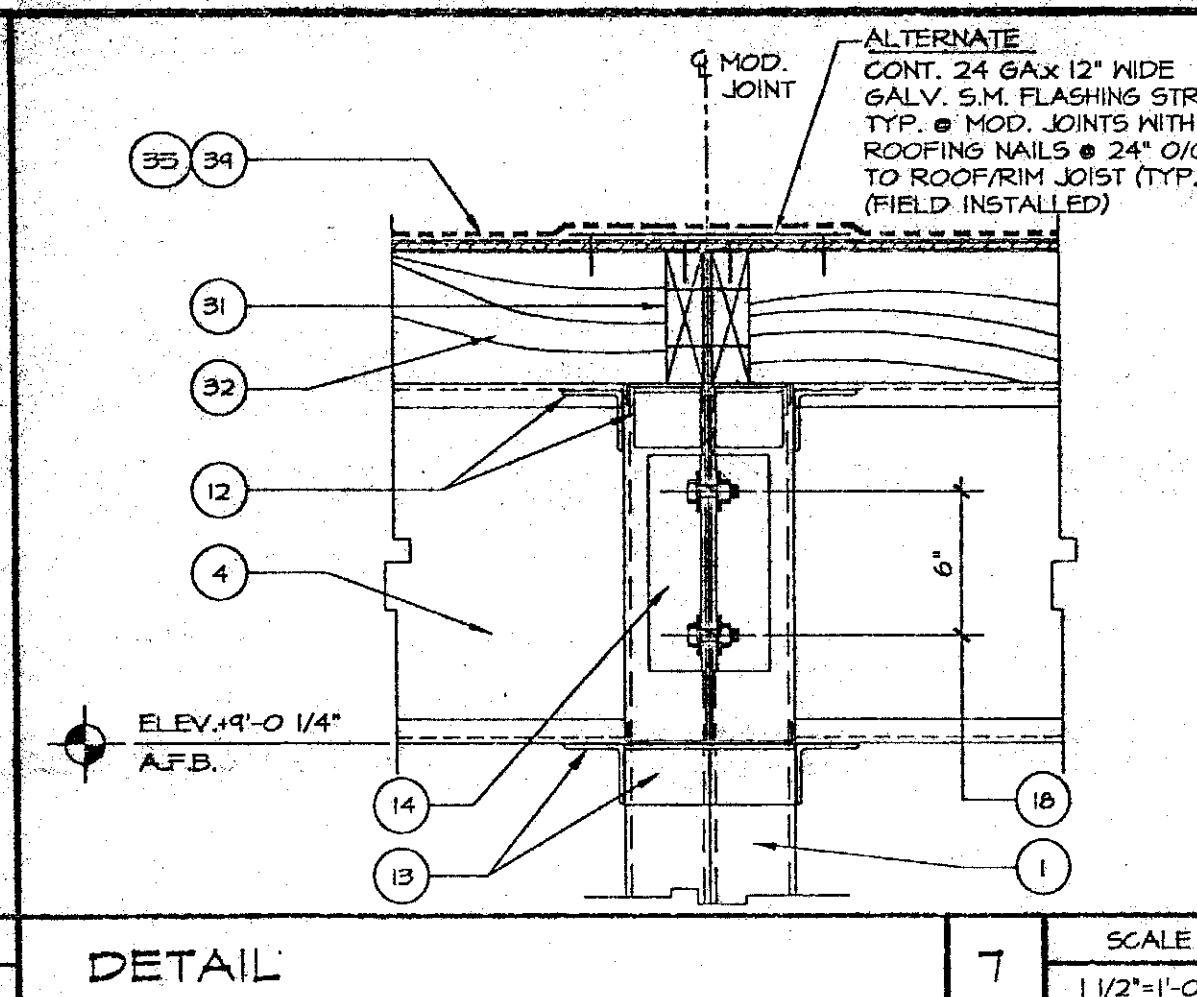
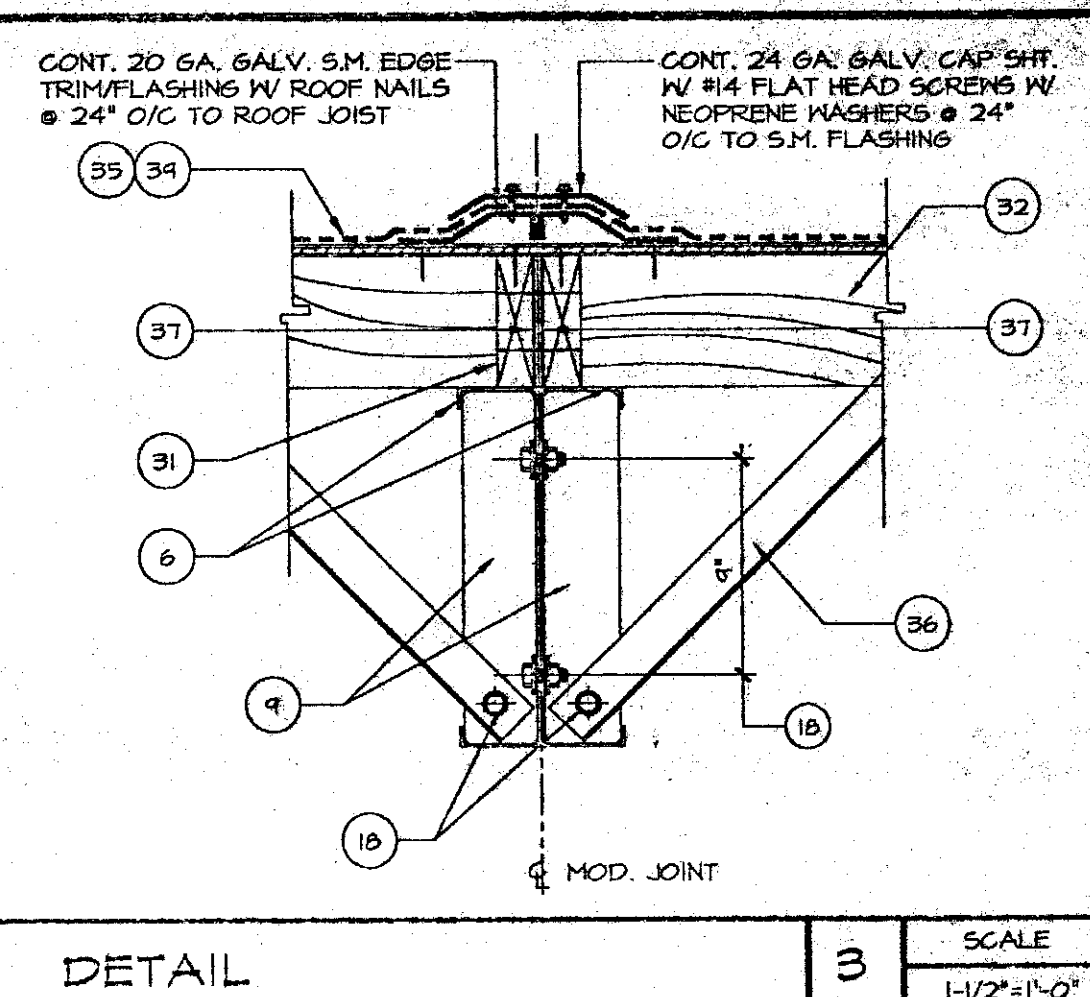
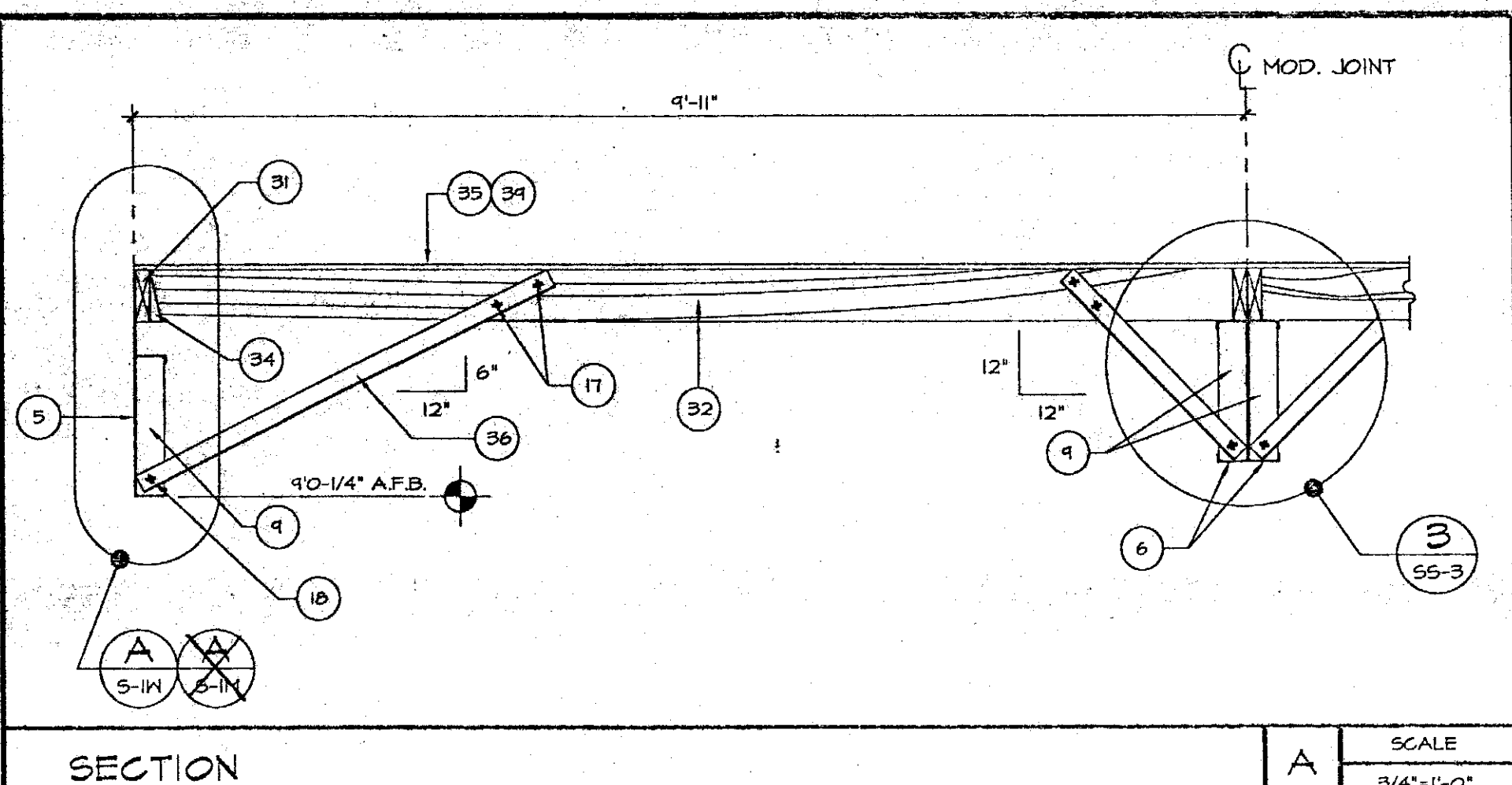
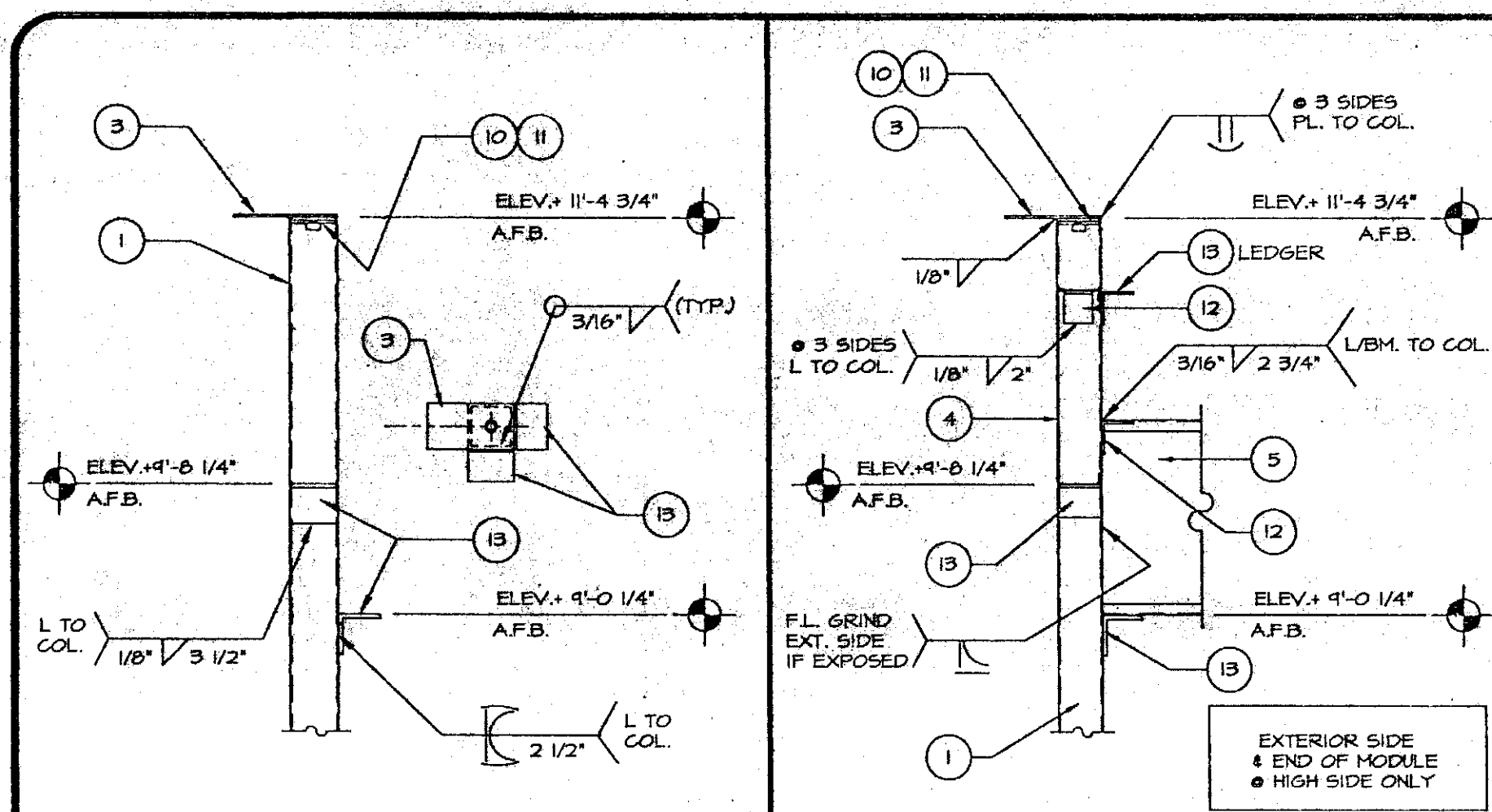


STRUCTURAL ENGINEER
 ARCHITECT
 PROFILE STRUCTURES, INC.
 CONTRACTOR'S LICENSE # 242071 B1
 (310) 821-2551
 FAX (310) 821-2503
 13826 CARMENITA RD.
 SANTA FE SPRING, CA 90670

60' x 32' CLASSROOM BUILDING
 RIGID FRAME - BUILT UP ROOF - WOOD/METAL STUDS
 SCALE: NOTED
 DATE: 08/16/16
 APPROVED BY: [Signature]
 DRAWN: PS/JVC/LM
 REVISED: 11/01/19
 JOB NO.: M99-00
 DRAWING NUMBER: SS-2C
 FLOOR FRAMING PLAN & STRUCTURAL ELEVATIONS / DETAILS

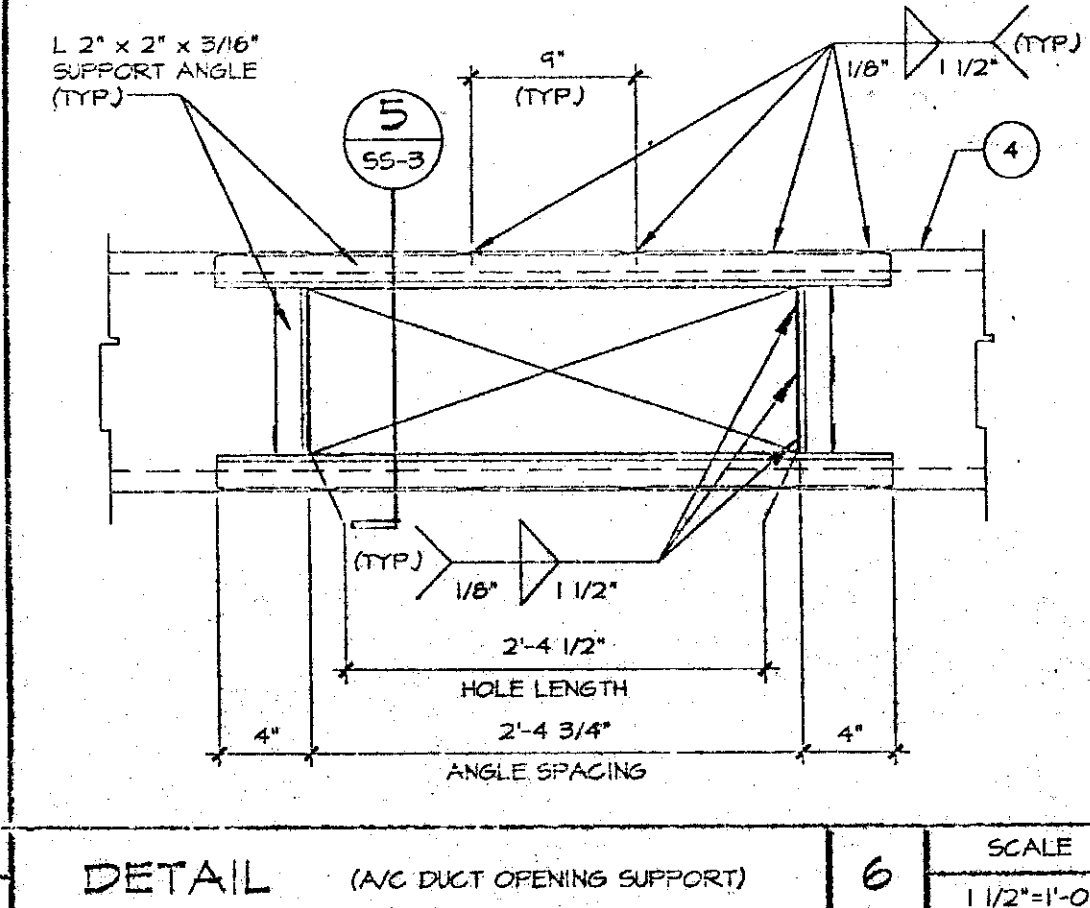
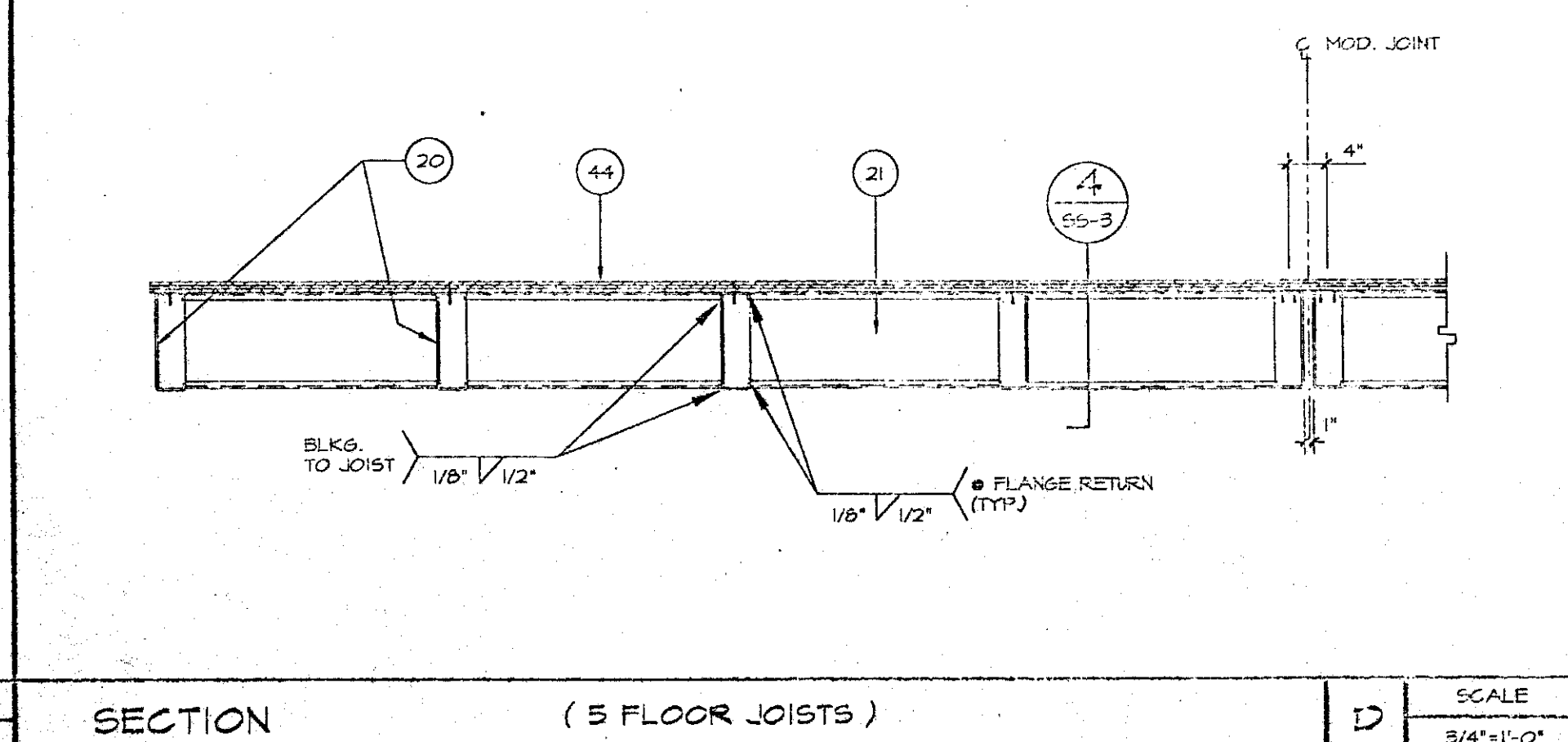
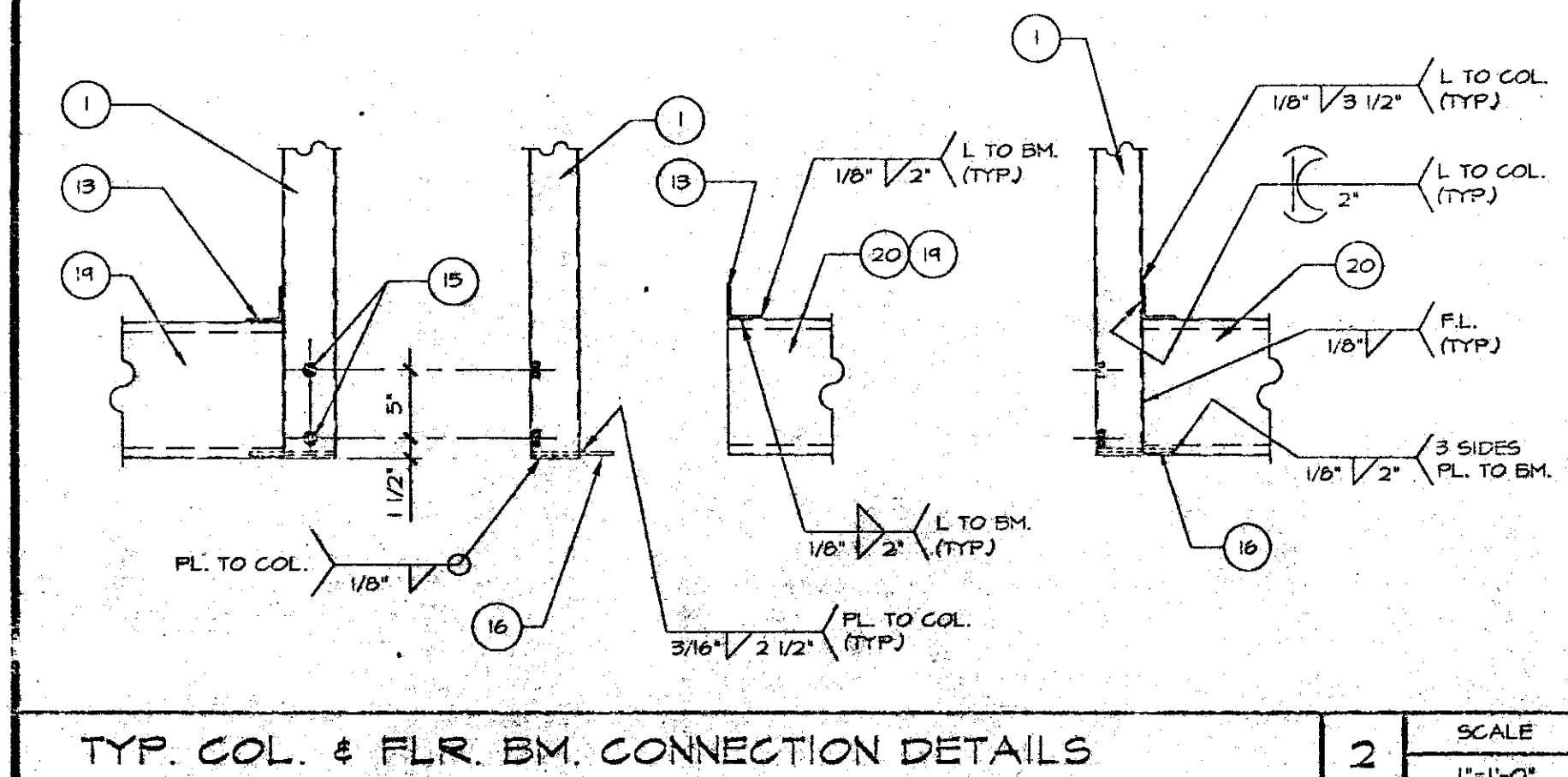
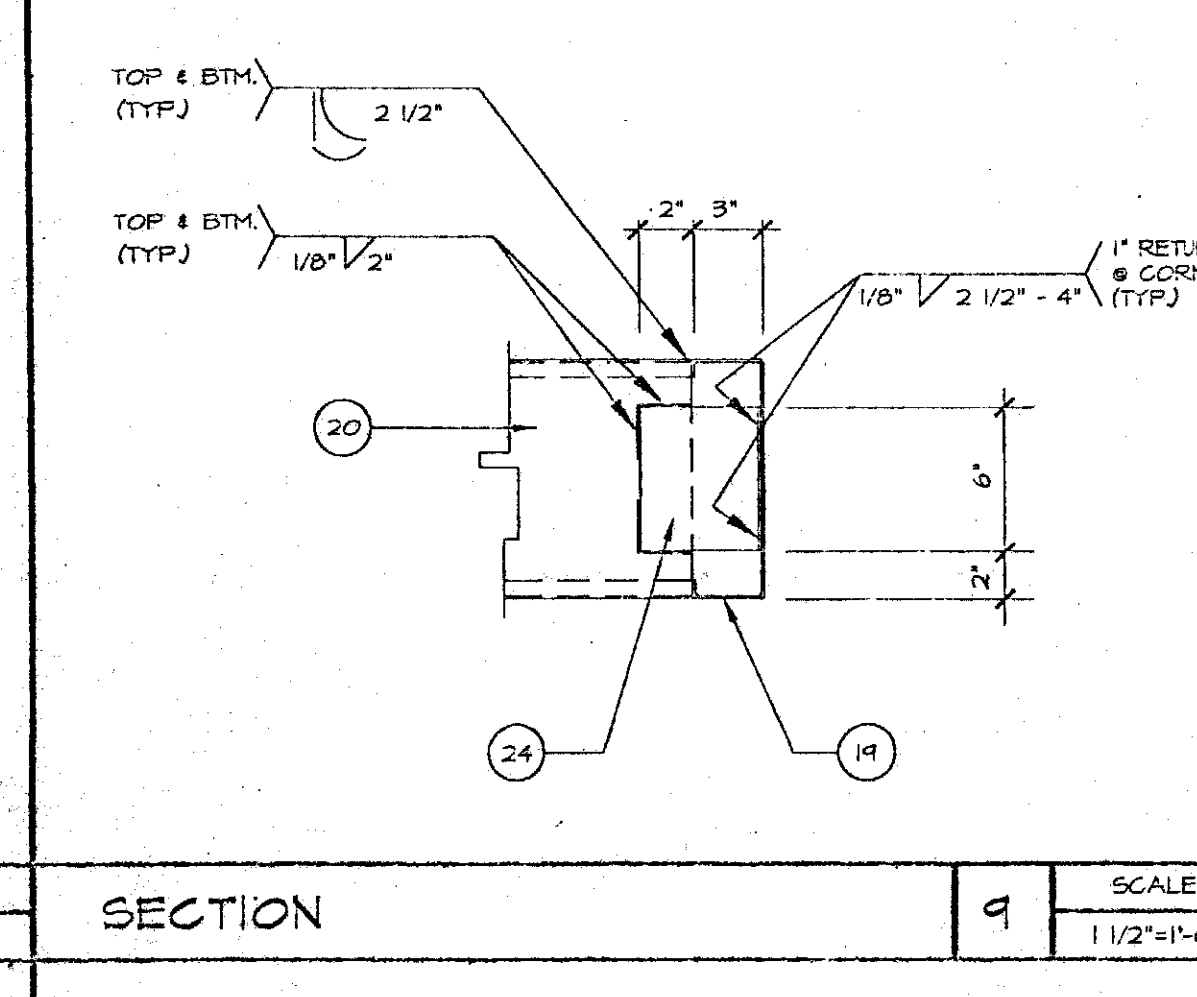
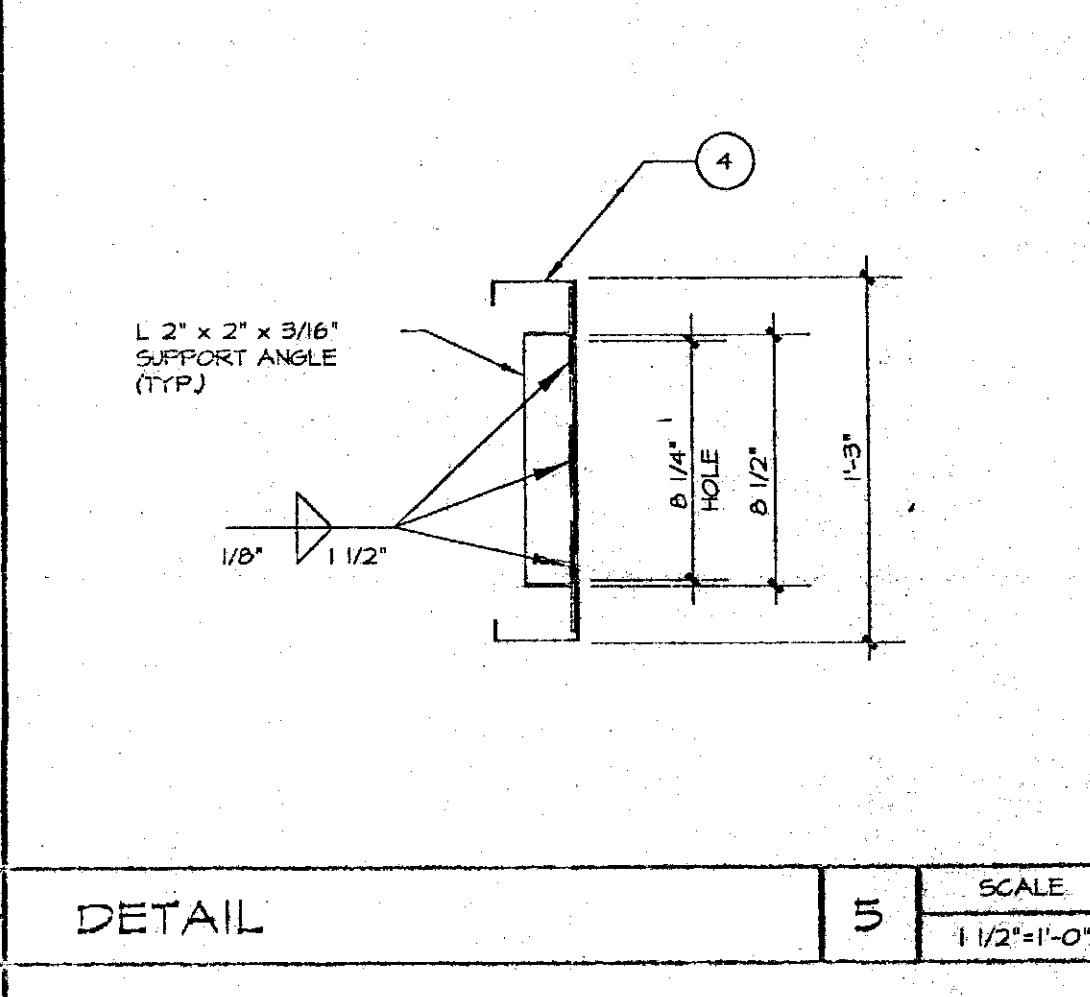
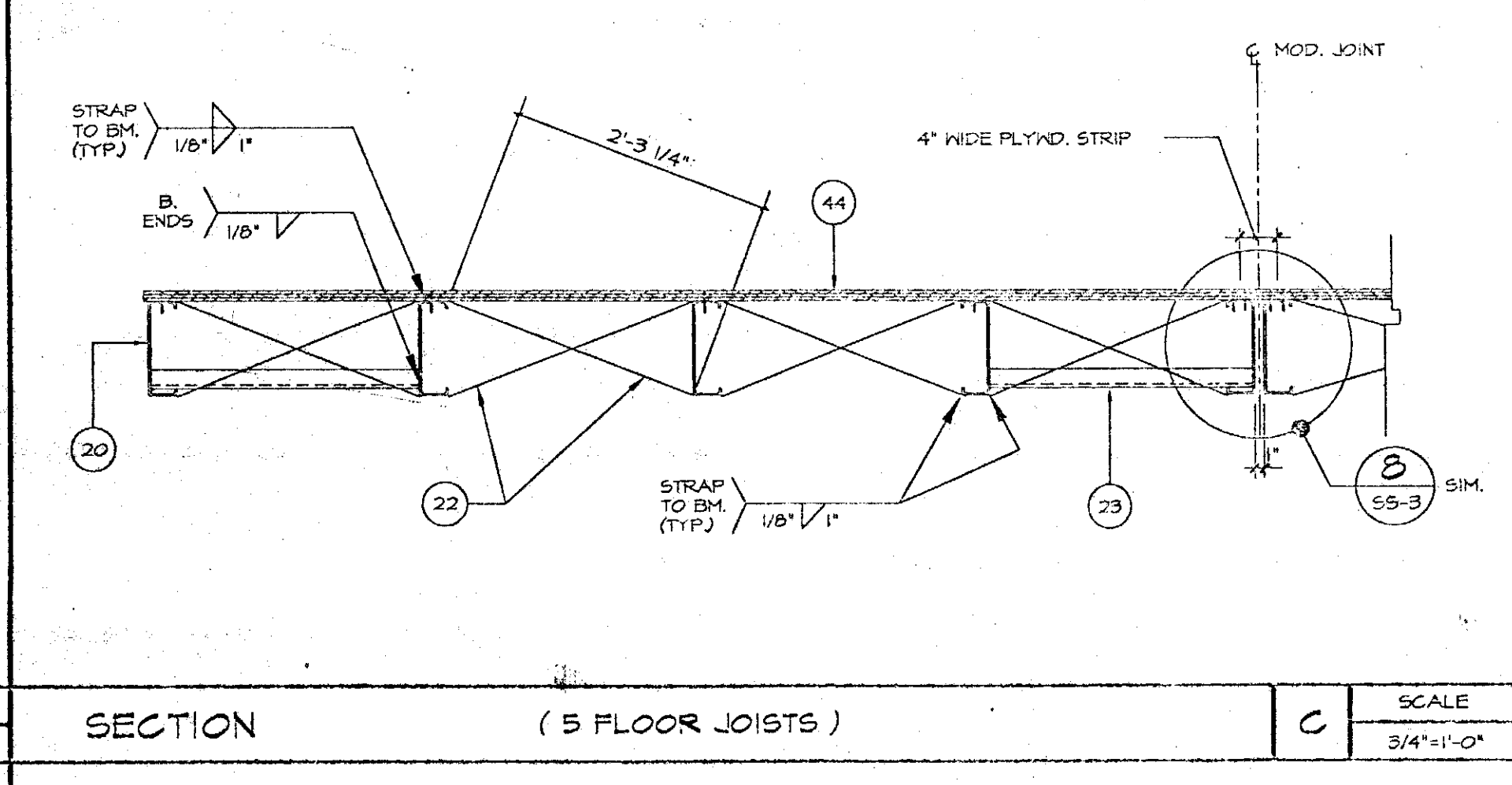
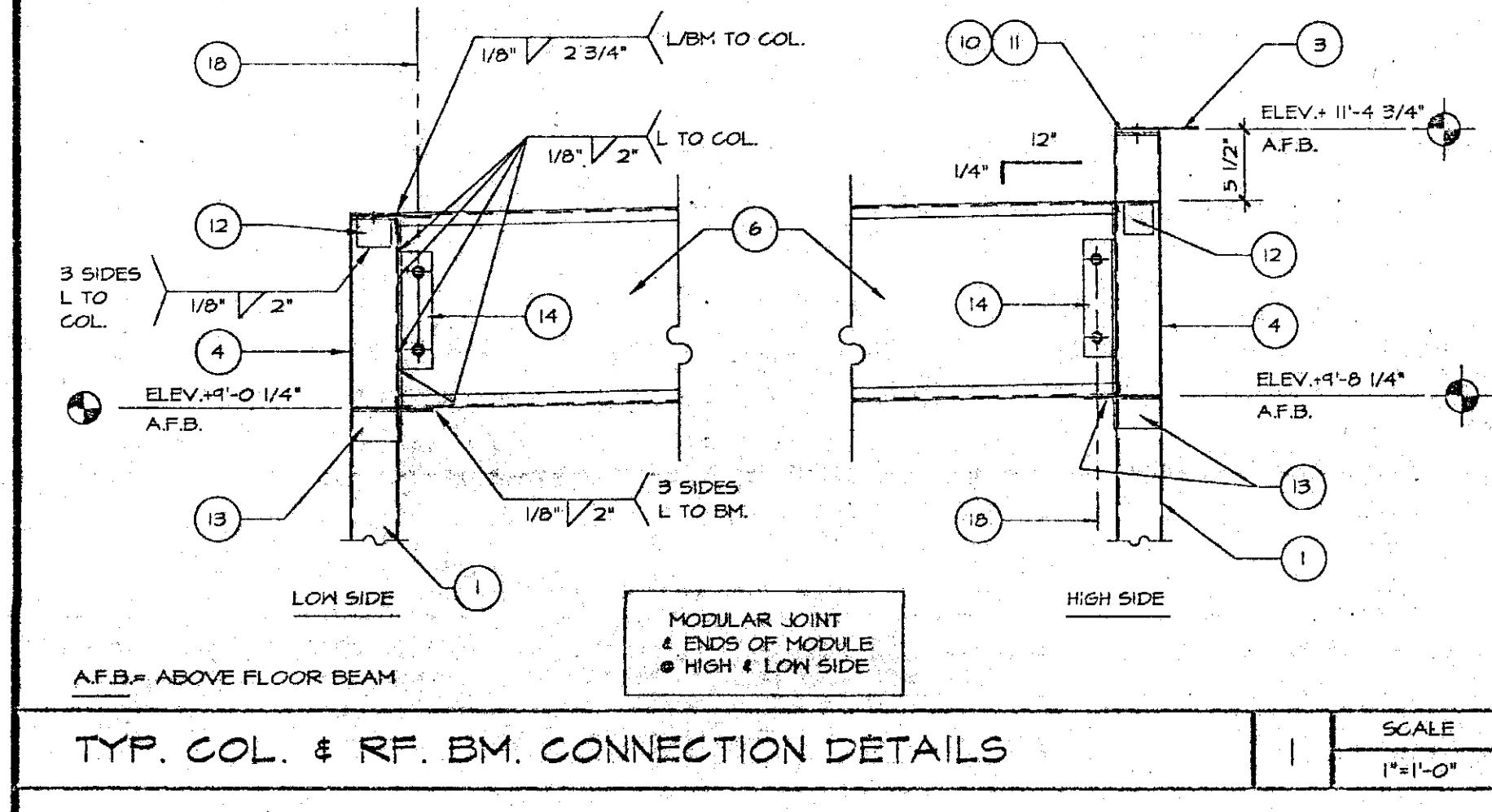
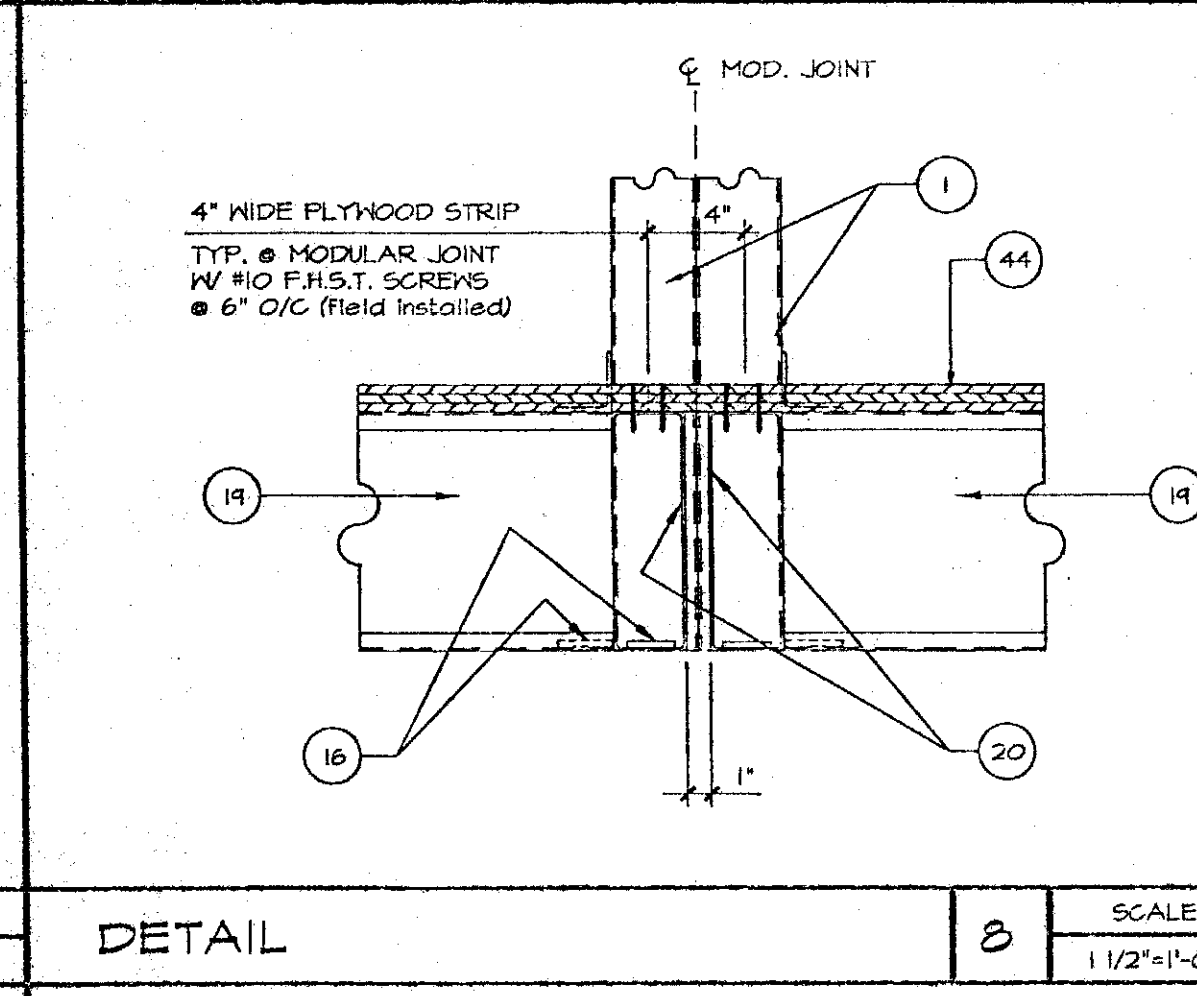
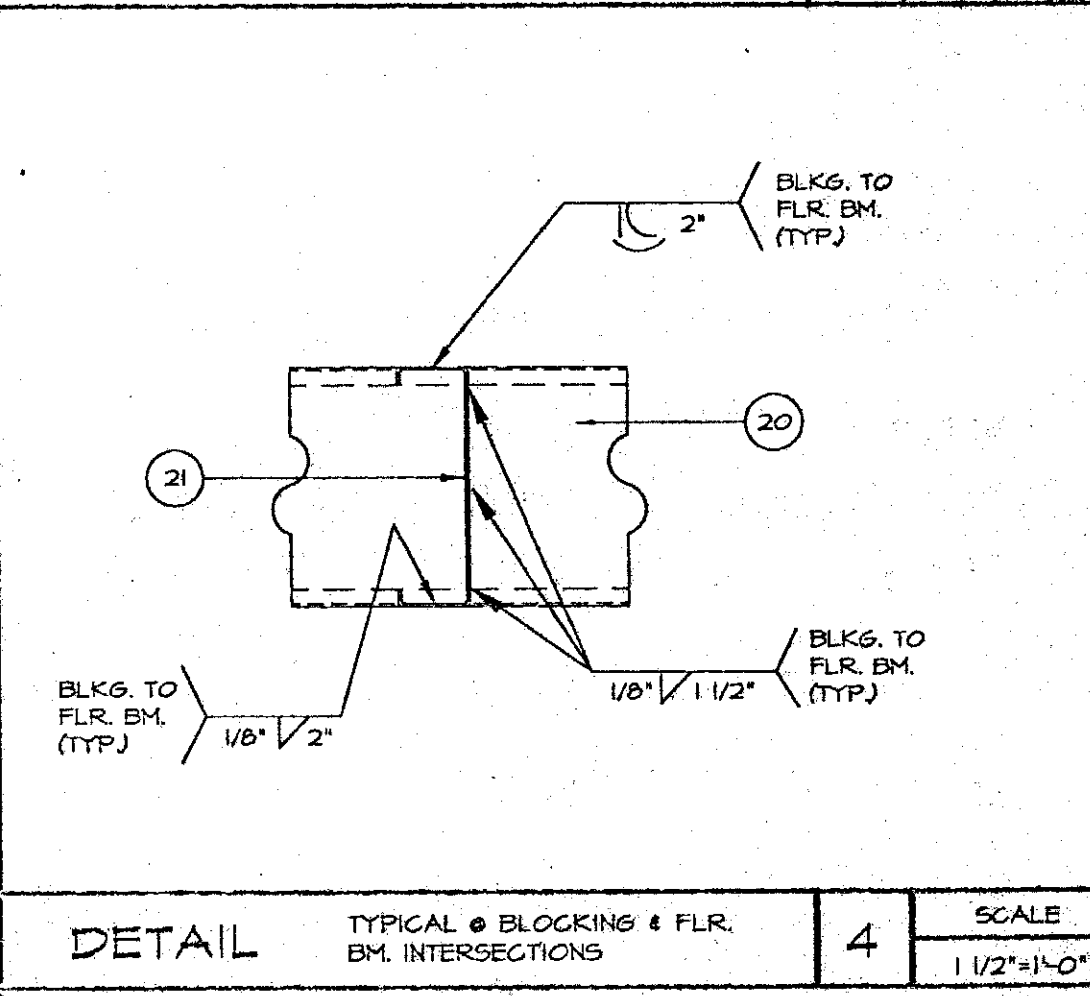
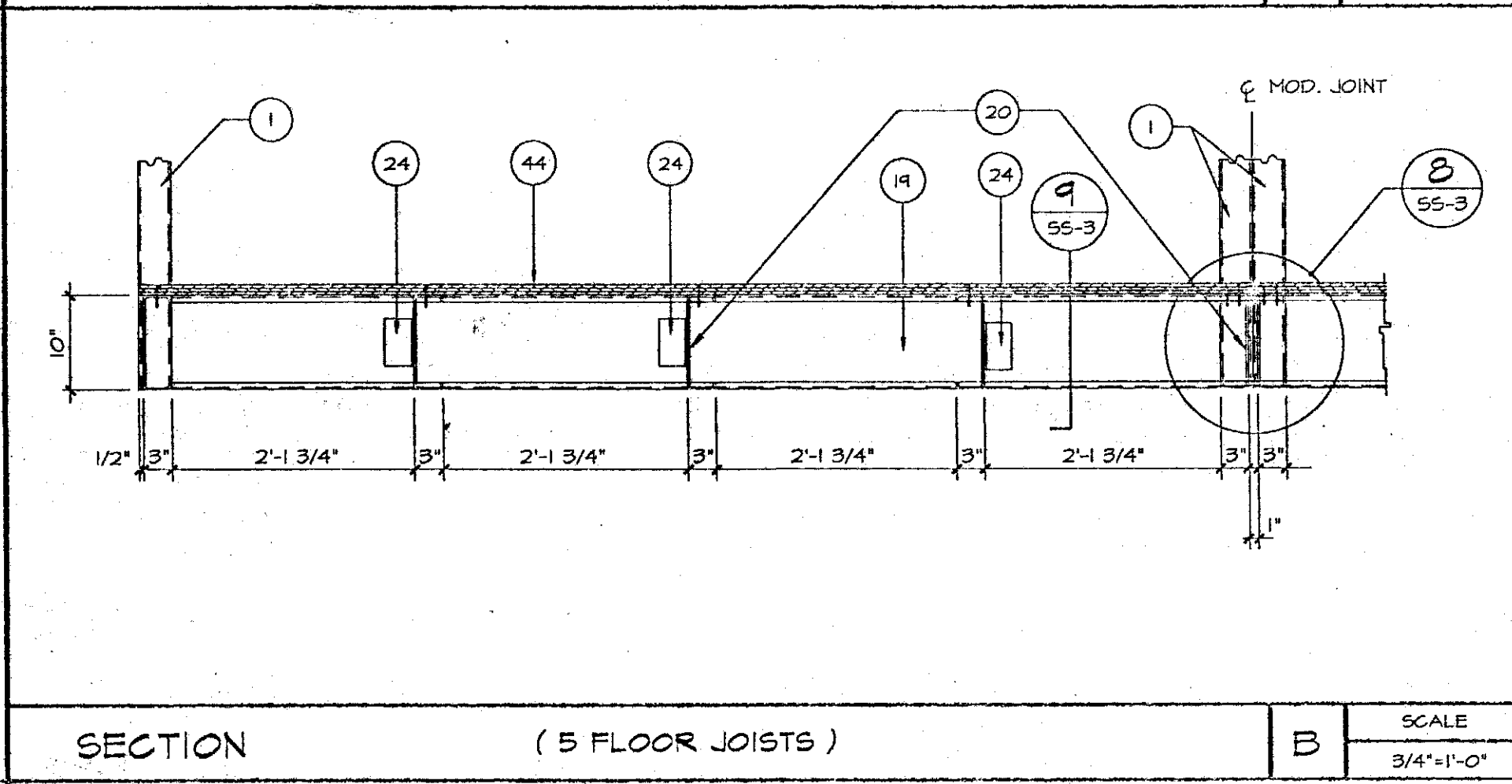
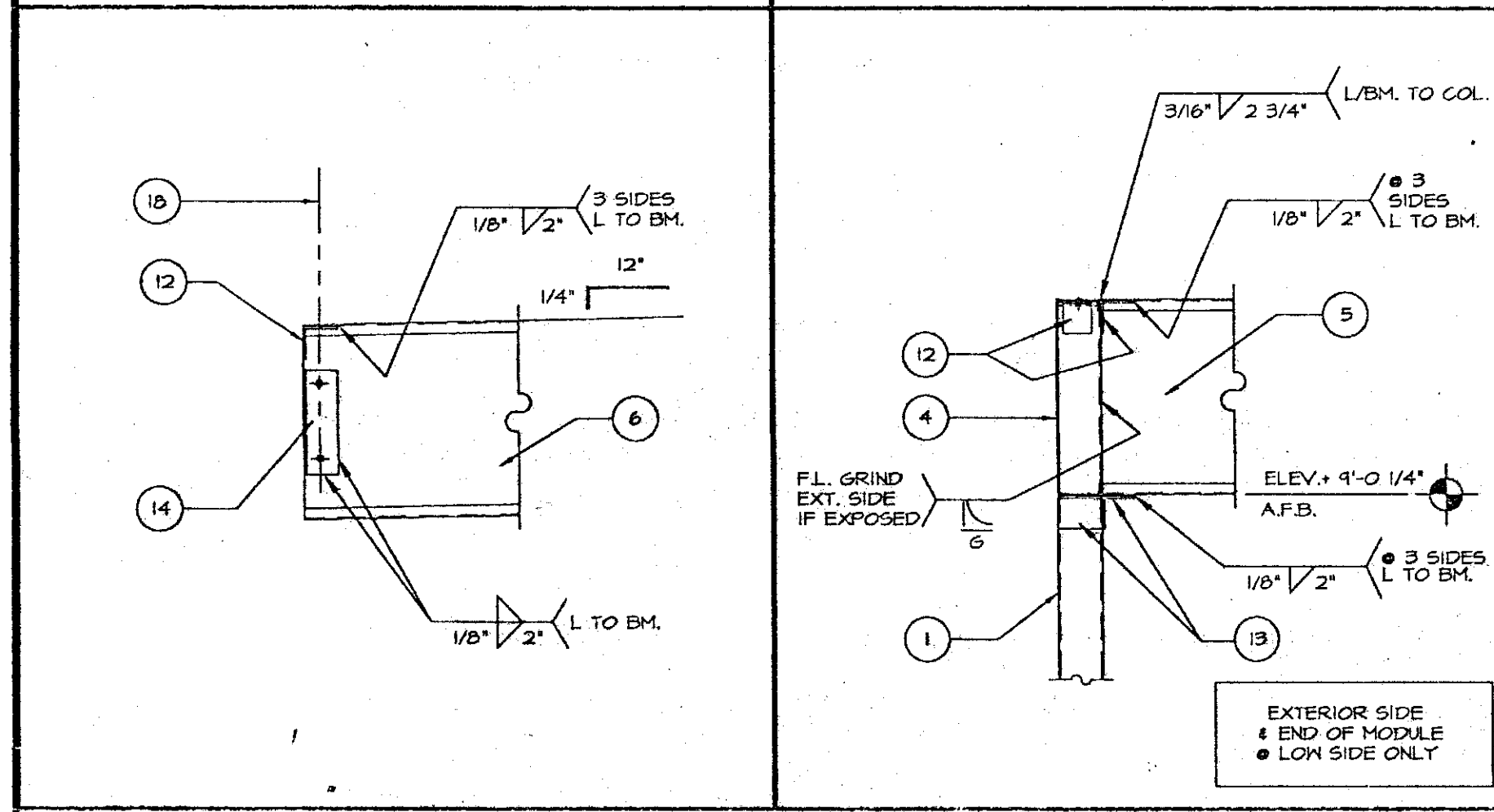
DIVISION OF THE STATE ARCHITECT
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 APPL. _____
 AC _____ FLS _____ SS _____
 DATE: JAN 18 2000
 REV. # DATE DESCRIPTION BY

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APPR. 102932
 AC _____ FLS _____ SS _____
 DATE: NOV 17 1999
 NOTE:
 TYPICAL FOR 70 MPH WIND EXPOSURE 'C'
 AND 30 MPH WIND EXPOSURE 'C'



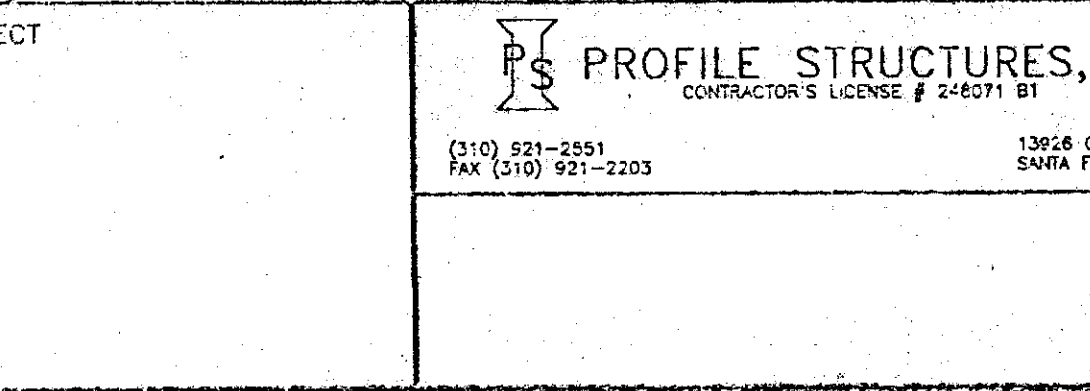
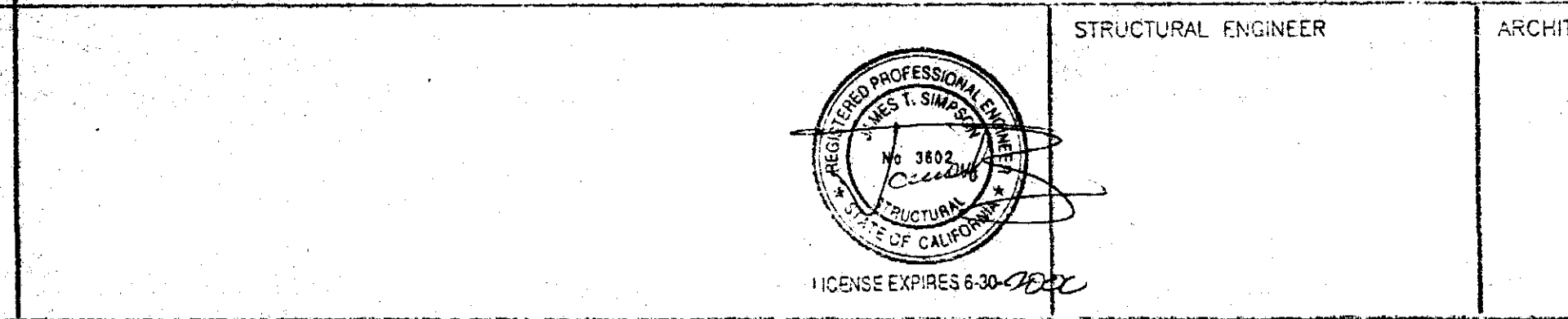
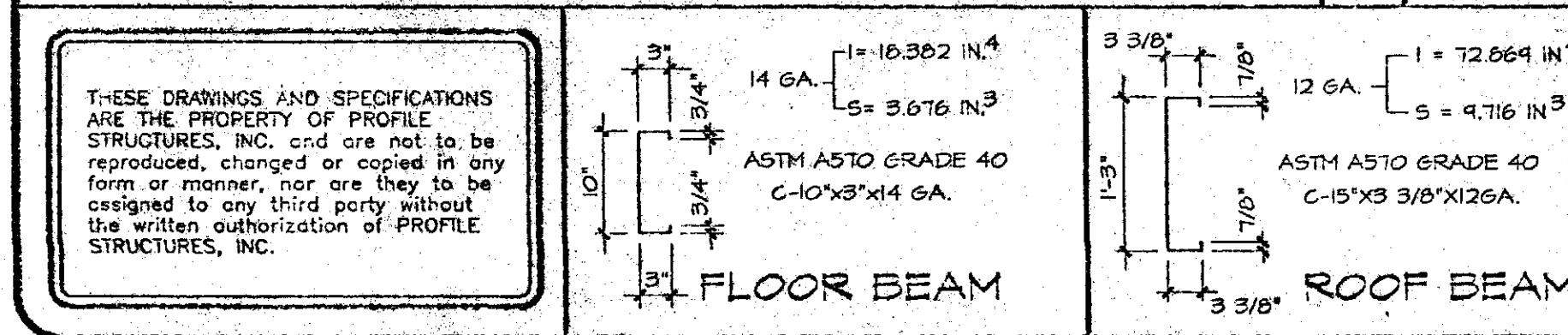
REFERENCE NOTES: (AS APPLICABLE)

1. TS 3 1/2"x3 1/2" x 11 GA. COLUMN	46. 7/8" THK. PORTLAND CEMENT PLASTER FINISH OVER PAPERBACK METAL LATH OVER 3/8" THK. PLYWOOD SHEATHING.
2. TS 3 1/2"x3 1/2" x 11 GA. INTERMEDIATE COL.	47. 1/2" THK. FIRTEX OVER 1/2" THK. GYPSUM BOARD. COLUMN SUPPORT.
3. STL. PL. 1/4" x 3 1/2" x 0-6 1/2" OUTRIGGER/ COLUMN SUPPORT.	48. 5/8" THK. GYPSUM BOARD PAINT FINISH.
4. C 15"x3 3/8"x12 GA. END ROOF BEAM	49. 1/2" THK. DURANAN INTERIOR WALL FINISH.
5. C 15"x3 3/8"x12 GA. SIDE ROOF BEAM	50. R-11 F.R. INSULATION FLAME SPREAD 0-25, SMOKE DENSITY 50.
6. C 15"x3 3/8"x12 GA. SLOPE MOD JOINT (TYP.)	51. R-11 F.R. INSULATION FLAME SPREAD 0-25, SMOKE DENSITY 50, SUPPORTED BY 1/2" PLASTIC NETTING SECURED TO BTH. OF R.F. JOIST W/ 1/2" STAPLES (TYP.)
7. C 15"x3 1/2"x10 GA. SLOPE MOD JOINT (TYP.)	52. CEILING BOARD, MINERAL FIBER LAY-IN PANEL 24"x36"x5/8" THK. CORTEGA 789 BY ARMSTRONGS NON-DIRECTIONAL (CLASS A / F.S. 0-25)
8. C 10"x3"x14 GA. ROOF BEAM	53. MAIN RUNNER - ARMSTRONGS # 1300 INTER. DUTY
9. 3/16" THK. STIFFENER PLATE	54. CROSS RUNNER - ARMSTRONGS # 1345 INTER. DUTY
10. 1/4" THK. COLUMN CAP FLATE (TOP & BOT)	55. WALL ANGLE - ARMSTRONGS # 10200 NON-CLASSIFIED
11. 3/4" DIA. NUT, TACKWELDED INSIDE CAP FLATE.	56. ANGLE HANGER - 3"x3"x2 1/4" GA. # 24" O.C. - POP RIVETED TO ROOF BEAM 4 TO WALL ANGLE.
12. L 2 1/2"x2 1/2"x3/16"x0-2 3/4" L.G. CLIP	57. CONT. WALL ANGLE SECURED TO ANGLE HANGERS WITH 1/8" POP RIVET. (TYP.)
13. L 2 1/2"x2 1/2"x3/16"x0-3 1/2" L.G. CLIP	58. 6"-0"x4'-0" (OX) NAIL ON ALUM. WINDOW (OPTIONAL)
14. L 2 1/2"x2 1/2"x3/16"x0-8 1/8" L.G. CLIP	59. 3"-0"x9'-8 1/4" 3/4" HM. DOOR ON METAL FRAME
15. 9/16" HOLES W/ 1/2" DIA. NUT TACKWELDED INSIDE COL.	60. WEATHERSTRIP - 3/4" AN - PEKCO
16. 2 1/2"x2 1/2"x3/16" STEEL PLATE	61. THRESHOLD - 2 1/4" - PEKCO
17. 1/2" MACHINE BOLT (TYP.)	62. DOOR BOTTOM - 2 1/4" - PEKCO
18. 5/8" MACHINE BOLT (TYP.)	63. PLASTIC MOLDING AROUND WINDOW OPENING.
19. C 10"x3"x14 GA. FLOOR END BEAM (TYP.)	64. SHEET METAL EDGE TRIM.
20. C 10"x3"x14 GA. FLOOR SIDE BEAM/JOIST (TYP.)	65. CONT. 22 GA. X 1" WIDE SHT. METAL FLASHING (TYP.) AROUND BUILDING
21. C 10"x3"x14 GA. BLOCKING	66. PROVIDE CONT. BEAD OF CAULKING.
22. 1 1/4" WIDE X 30 GA. BRIDGING STRAPS	67. 5/8" CONCRETE ANCHOR 'RAVIBOLT' OR EQ.
23. L 2"x2"x1/4" GA. & EXT. SIDES OF MODULES & BRIDGING STRAPS LOCATION ONLY (SEE FLOOR FRAMING PLAN)	68. 1/4" THK. TIE DOWN STEEL PLATE
24. L 5"x3"x1/4" GA. X 0-6" L.G.	69. GALV. WIRE SCREEN WITH 1/4" SQUARE HOLES ON 24 GA. SHEET METAL FRAME RIVETED TO 24 GA. SHEET METAL BRACKET ON TOP & SECURED TO FLOOR BEAM & CONG. FOOTING WITH 1/8" X 1 1/4" L.G. S.M.S. WITH EXPANSION SHIELD # 24" O.C.
25. TS 3 1/2"x3 1/2" x 11 GA. LEDGER. SEE DETAIL FOR REF. (INSTALL TO MATCH SLOPE OF RIM JOIST)	70. UNDERFLOOR VENT (SEE FOUNDATION PLAN FOR REF.)
26. TS 3 1/2"x3 1/2" x 11 GA. LEDGER. SEE DETAIL FOR REF. (INSTALL TO MATCH SLOPE OF RIM JOIST)	71. RAMPS AND LANDING (OPTIONAL)
27. TS 2"x4"x1/8" x 0-4" L.G. LEDGER/STOOL HELDED TO RF. BM. # RIM JOIST TO ROOF JOIST (TYP.)	72. EXISTING GRADE OR FINISH GRADE.
28. TS 3 1/2"x3 1/2" x 11 GA. STOOD HELDED TO RF. BM. # LEDGER TUBE, CUT AS REQ'D. (SEE DET. FOR REF.)	73. CONCRETE FOUNDATION.
29. TS 4"x10"x1/8" GA. ROOF JOIST HELDED # EACH END TO 15 1/2"x2"x11 GA. OUTRIGGER (TYP.)	74. BUILDING PAD / DIRT PAD.
30. TS 4" x 2" x 11 GA. OUTRIGGER HELDED TO TS 3 1/2"x3 1/2" x 11 GA. COL. (SEE REF. FRAMING PLAN)	75. MOISTURE BARRIER - TAR IMPREGATED BOARD OR EQVAL. (BY OTHERS)
31. 2"x8" D.F. # RIM JOIST (TYP.) SEE ROOF FRAMING PLAN FOR REF. (TYP.)	76. APPROVED COMPACTED FILL.
32. 2"x8" D.F. #2 ROOF JOIST # 24" O.C. W/ (3) 16-D NAILS # BA. END, (RIM JOIST TO ROOF JOIST) (TYP.) W/ LB-26 SIMPSON JOIST HANGERS # EXTERIOR SIDES ONLY (SEE ROOF FRAMING PLAN FOR REF.)	77. 4" THK. CONCRETE SLAB WITH 6#6 - 16"x16"x4 REINF. (BY OTHERS)
33. (2) 2"x8" D.F. #2 (AT ROOF PANEL JOINT) SPIKE TOGETHER W/ 60 GALV. BOX NAILS (2) ROWS STAGGED (TYP.) SEE ROOF FRAMING PLAN FOR REF.	78. 4" HIGH VINYL TOPSET BASE (TYP.)
34. LB-26 SIMPSON JOIST HANGERS (TYP.)	79. CHALKBOARD-220"x4" SECTIONS WITH CHALKTRAY MOLDING # MAP RAIL WITH HOOK # FLAG HOLDER (2'-0" AP)
35. 1/2" THK. PLYWOOD SHEATHING (TYP.) STRICTLY COX 5-PLY (EXTERIOR GRADE) W/ 80 GALV. BOX NAILS # 6" O.C. ON ALL EDGES AND # 12" O.C. IN FIELD (TYP.) SEE ROOF FRAMING PLAN FOR REF.	
36. L 2"x2"x1/4" GA. BRAG NUTS (TYP.) SEE ROOF FRAMING PLAN FOR REF. (TYP.)	
37. 6" x 8" L.G. X 18 GA. SHT. METAL HOLD DN. PLATE W/ (3) MOX 1/2" L.G. WOOD SCREWS TO RIM JOIST, HELDED TO STL. TUBE RISER STOOD AT PANEL JOINT. SEE DETAIL FOR REF.	
38. 6" x 14" L.G. X 18 GA. SHT. METAL HOLD DN. PLATE W/ (6) MOX 1/2" L.G. WOOD SCREWS TO RIM JOIST, HELDED TO STL. TUBE RISER STOOD AT PANEL JOINT. SEE DETAIL FOR REF.	
39. CLASS 'A' MINERAL SURFACE BUILT-UP ROOFING SYSTEM BY '60' ROOFING PRODUCTS OR ARCHITECT APPROVED EQVAL. TO CONFORM TO '60' SPECIFICATION NO. A-4-M-3 (TYP.)	
40. 4"x3"x6 GA. GALV. S.M. DOWNSPUT WITH STRAPS # 3"-0" O.C. (MAX) SECURED TO BLOCK W/ 80 S.M.S.	
41. CONT. 24GA. GALV. GUTTER	
42. 4"x3"x6 GA. GALV. S.M. OVERFLW	
43. 24 GA. CONT. GALV. FASCIA	
44. 2-1/4" PLYWOOD FLOOR DECK - (D.F.) PS-69 #16 1 1/8" THK. WITH 80 X 3/4" L.G. S.M.S. SCREWS # 6" O.C. ON EDGES & 10" O.C. IN FIELD.	
45. 5/8" THK. EXTERIOR GRADE PLYWOOD SIDING (11-10) PLAIN OVER 1/2" BLDG. PAPER OR 4 MIL VICKREX WITH 80 BOX NAILS # 6" O.C. ON EDGES AND 12" O.C. IN FIELD (TYP.) PAINT FINISH TO BE SELECTED BY SCHOOL DIST. (FOR METAL STUDS) USE #8 F.H.S.T. SCREWS # 6" O.C. ALL EDGES AND 12" O.C. IN FIELD (TYP.)	



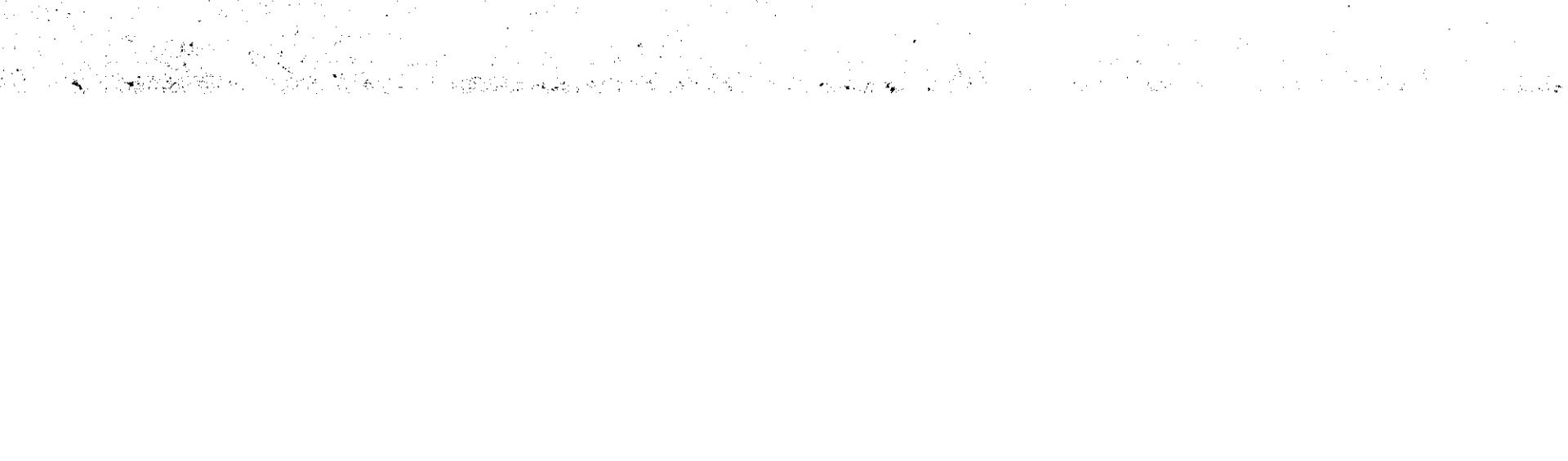
STEEL

- STRUCTURAL STEEL SHALL CONFORM TO THE LATEST ASTM A36 SPECIFICATION.
- STRUCTURAL STEEL TUBING SHALL CONFORM TO THE LATEST ASTM A500-TI GRADE "B" SPECIFICATION.
- LIGHT GAUGE STEEL SHALL CONFORM TO THE LATEST ASTM SPECIFICATION, GALVANIZED, AK40 GRADE, "A" HOT ROLLED, A570 GRADE "40" (F_y = 42 KSI).
- FABRICATION & ERECTION OF ALL STRUCTURAL AND LIGHT GAUGE FORMED STEEL SHALL CONFORM TO THE AISC & AISI SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDING.
- ALL SHOP WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS, AND SHALL BE INSPECTED, CERTIFIED AND APPROVED BY AN A.S.I.S. CERTIFIED INSPECTOR.
- UNLESS OTHERWISE NOTED, WELDS SHALL BE 1/8" x 1/2".
- FIELD WELDS, IF SPECIFIED, SHALL BE CERTIFIED BY AN A.S.I.S. INSPECTOR.
- ALL BOLTS SHALL BE 1/2" UNLESS NOTED (ASTM A307 SPECIFICATION).
- FABRICATED STEEL SHALL BE PAINTED WITH ONE SHOP COAT OF APPROVED PRIMER, UNLESS NOTED.
- ALL WELDS SHALL BE INSPECTED BY D.S.A. APPROVED INSPECTOR. PER SECT. 22125 TITLE 24 C.C.R.



GENERAL NOTES

- STRUCTURAL STEEL SHALL CONFORM TO THE LATEST ASTM A36 SPECIFICATION.
- STRUCTURAL STEEL TUBING SHALL CONFORM TO THE LATEST ASTM A500-TI GRADE "B" SPECIFICATION.
- LIGHT GAUGE STEEL SHALL CONFORM TO THE LATEST ASTM SPECIFICATION, GALVANIZED, AK40 GRADE, "A" HOT ROLLED, A570 GRADE "40" (F_y = 42 KSI).
- FABRICATION & ERECTION OF ALL STRUCTURAL AND LIGHT GAUGE FORMED STEEL SHALL CONFORM TO THE AISC & AISI SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDING.
- ALL SHOP WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS, AND SHALL BE INSPECTED, CERTIFIED AND APPROVED BY AN A.S.I.S. CERTIFIED INSPECTOR.
- UNLESS OTHERWISE NOTED, WELDS SHALL BE 1/8" x 1/2".
- FIELD WELDS, IF SPECIFIED, SHALL BE CERTIFIED BY AN A.S.I.S. INSPECTOR.
- ALL BOLTS SHALL BE 1/2" UNLESS NOTED (ASTM A307 SPECIFICATION).
- FABRICATED STEEL SHALL BE PAINTED WITH ONE SHOP COAT OF APPROVED PRIMER, UNLESS NOTED.
- ALL WELDS SHALL BE INSPECTED BY D.S.A. APPROVED INSPECTOR. PER SECT. 22125 TITLE 24 C.C.R.



30740750/60'x32' CLASSROOM BUILDINGS
 RIGID FRAME - BUILT UP ROOF - ALUMINUM STUDS

SCALE: NOTED
 DATE: 01/29/86
 50+20 P.F.F. PARTITION LOAD
 125 P.F.F. FLOOR LOAD

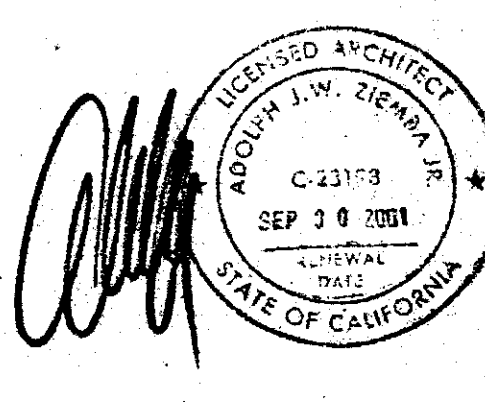
STANDARD STRUCTURAL DETAILS SECTIONS AND NOTES

DIVISION OF THE STATE ARCHITECT
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

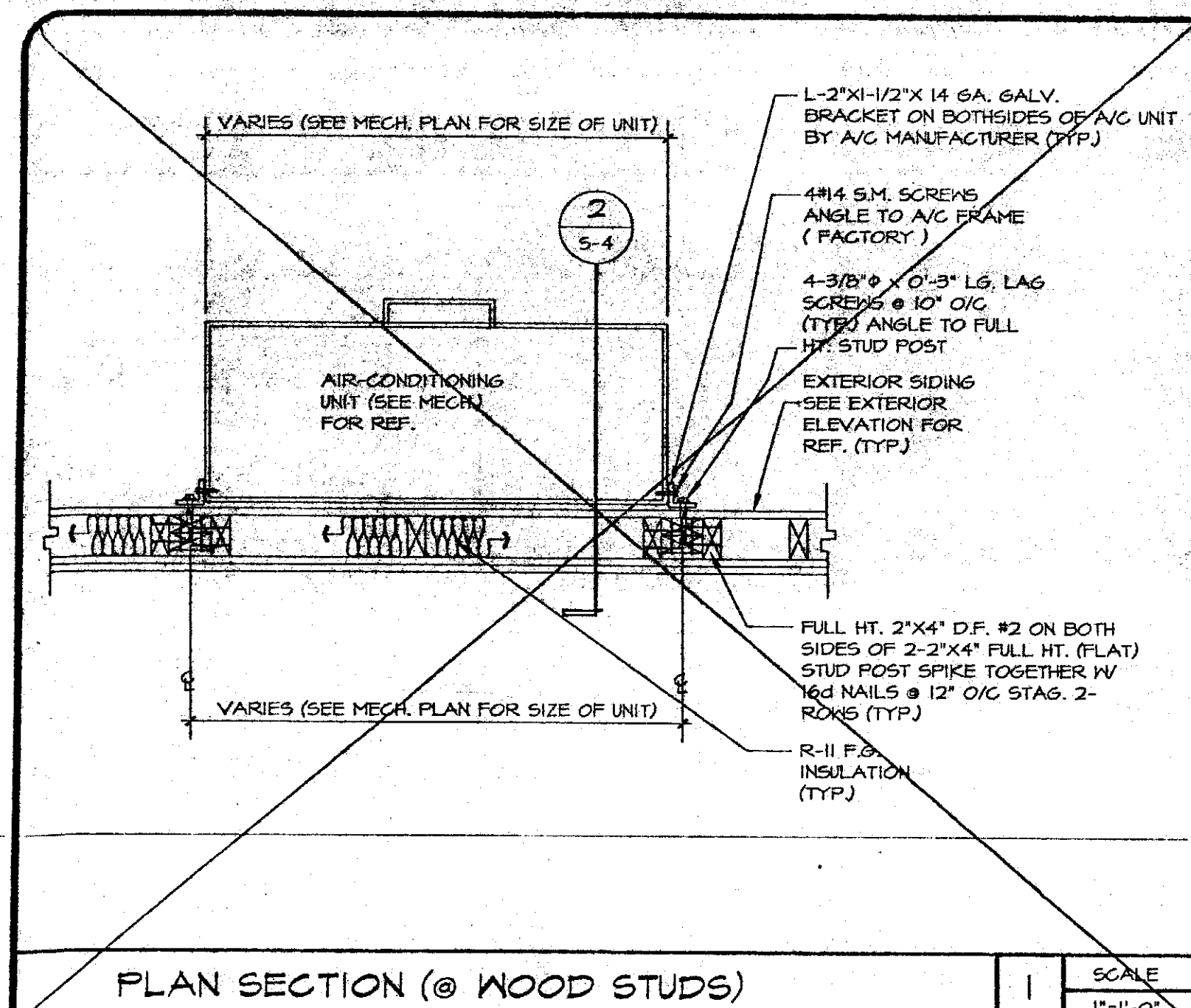
APPL. PC-95
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 DATE: _____

JAN 18 2000

AZ 990303



C:\USER\VA-DMG\2025-3 Thu Jul 24 11:24:31 1997

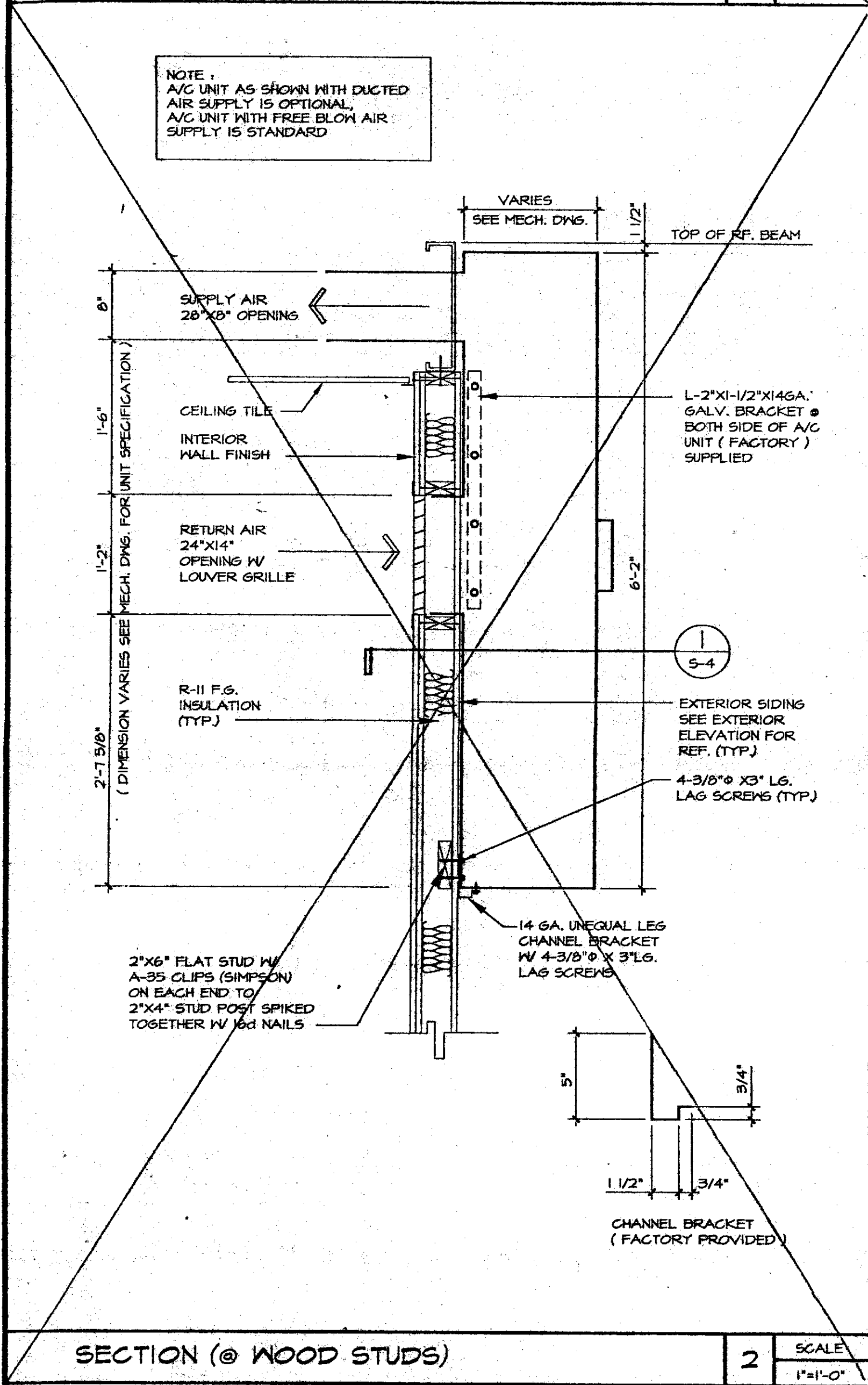


- ### WOOD PRODUCTS AND CARPENTRY
- WALL FRAMING LUMBER:
 - STUDS - D.F. STUD GRADE OR BETTER / OR H.F. STUD GRADE OR BETTER (TYP) UNLESS NOTED
 - HORIZONTAL PLATES - D.F. CONST. GRADE OR BETTER / OR H.F. CONST. GRADE OR BETTER (TYP) UNLESS NOTED
 - FLOOR DECK SHALL BE 2-4, 1/8" THICK GROUP 1 DOUGLAS FIR P.S. 1-B3 WITH EXTERIOR GLUE (G.D.X.) AND SHALL BE LAID WITH FACE GRAIN PERPENDICULAR TO SUPPORTS. JOINTS OVER SUPPORTS SHALL BE STAGGERED, EDGES OF PANELS SHALL BE BUTTED OVER CENTERLINE OF SUPPORTING MEMBERS, WITH T & G AT LONG EDGES PER I.C.B.O. # 1007.
 - SIDING SHALL BE 5/8" THICK GROUP 1 DOUGLAS FIR EXTERIOR PLYWOOD MEETING P.S. 1-B3 STANDARD.
 - STANDARD CUT WASHERS SHALL BE USED UNDER BOLT HEADS AND NUTS BEARING AGAINST WOOD (TIGHTEN BOLTS BEFORE CLOSING-IN)
 - ALL NAILS SHALL BE CORROSION RESISTANT NAILS. (GALVANIZED DIP)

CONNECTION SCHEDULE: (BOX NAILS ONLY)

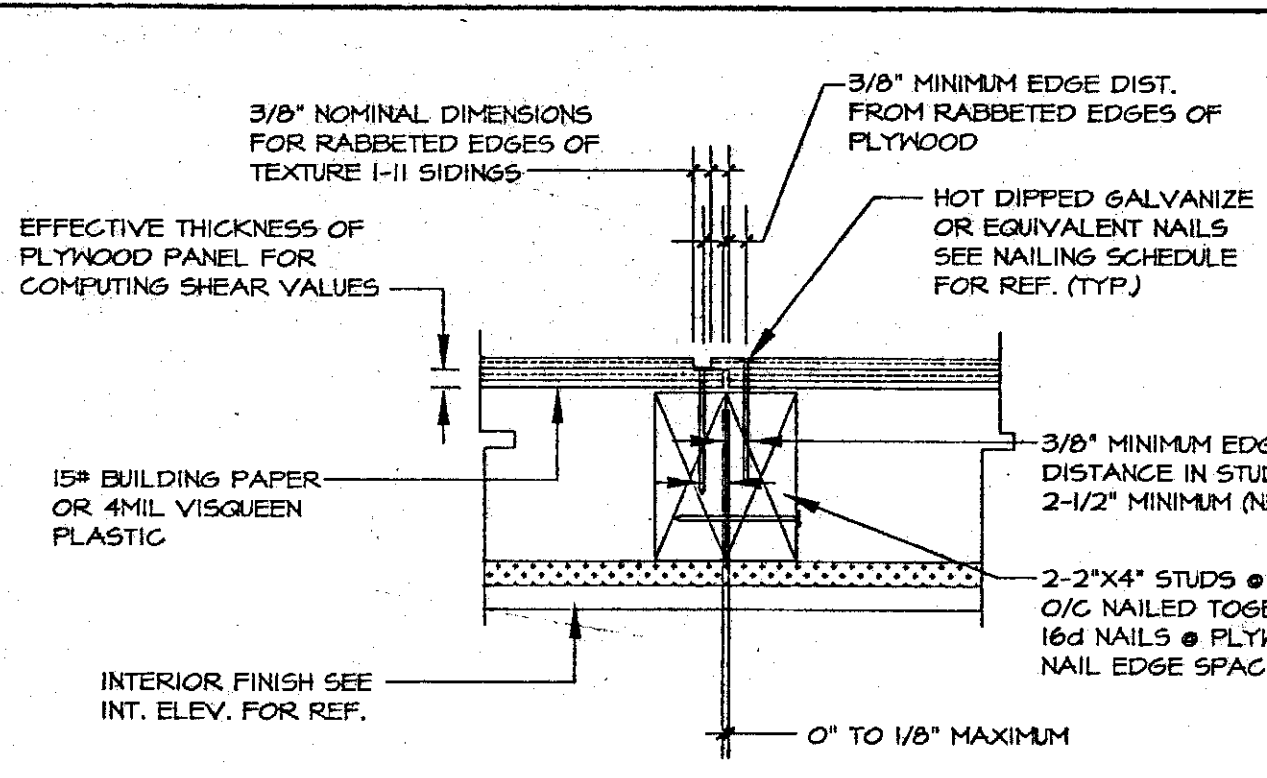
NAILING SHALL CONFORM TO TITLE 24 TABLE # 25-I-G

STUDS TO PLATE - END NAIL	2-16d
STUDS TO PLATE - TOE NAIL	4-8d
TOP PLATES - SPIKE TOGETHER	16d-24" O/C
3/8" SIDING - ALL EDGES	8d-6" O/C (GALV) BOX
3/8" SIDING - INTERMEDIATE SUPPORTS	8d-12" O/C (GALV) BOX
2-4" DECKING - ALL EDGES	#10X1-3/4" SCREWS @ 6" O/C
2-4" DECKING - INTERMEDIATE SUPPORTS	#10X1-3/4" SCREWS @ 10" O/C
INTERIOR WALL SECTIONS TO FLOOR	16d-16" O/C
WALL SECTIONS TO STRUCTURAL FRAME	LOW VELOCITY DRIVE PINS @ 16" O/C (MULTI DN. DOMEHEAD, 0.145" x 3" LONG W/ 3/8" x 5/64" WASHER (I.C.B.O. #2388) OR RAMMET #500 S.D. 0.145" x 3-1/2" L.G. (I.C.B.O. #639)

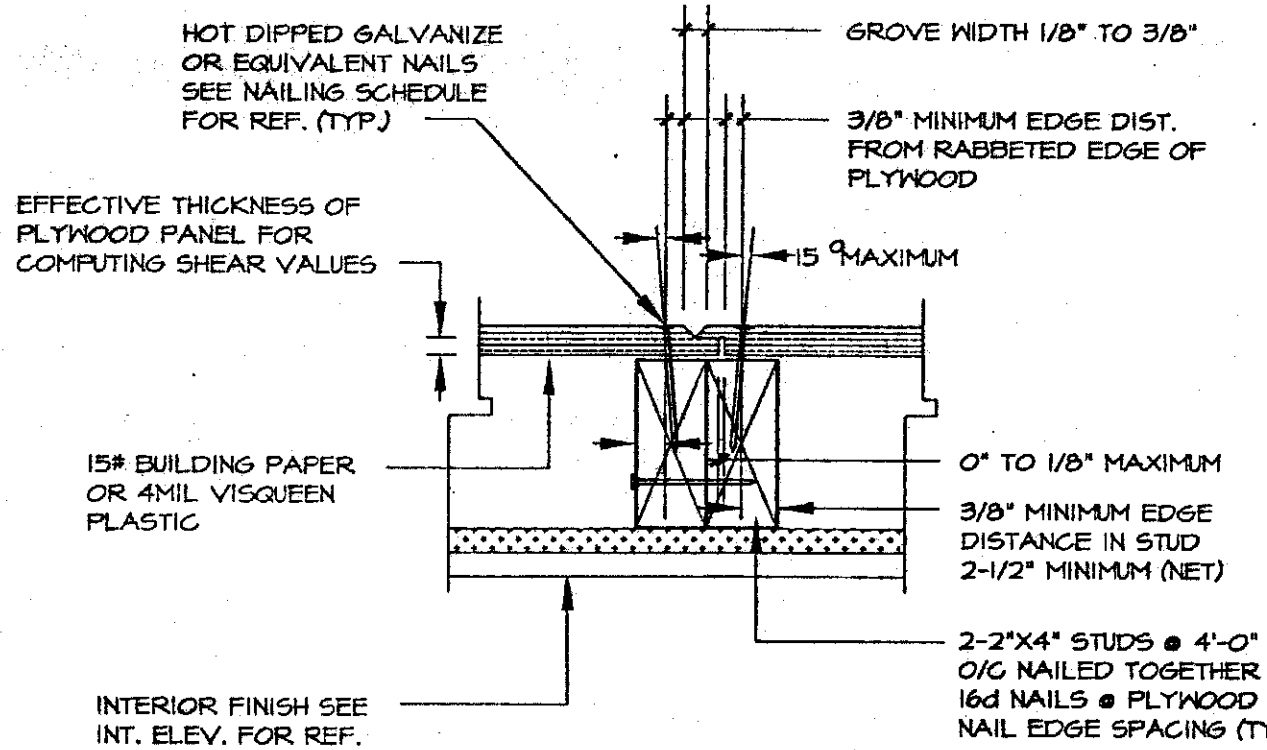


MACHINE APPLIED NAILING NOTES

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 5/8" PLYWOOD, IF NAILHEADS PENETRATE THE OUTER PLY MORE THAN 1/8" BE NORMAL FOR A HAND HAMMER OR IF MINIMUM ALLOWABLE EDGE DISTANCE ARE NOT MAINTAINED, THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY.

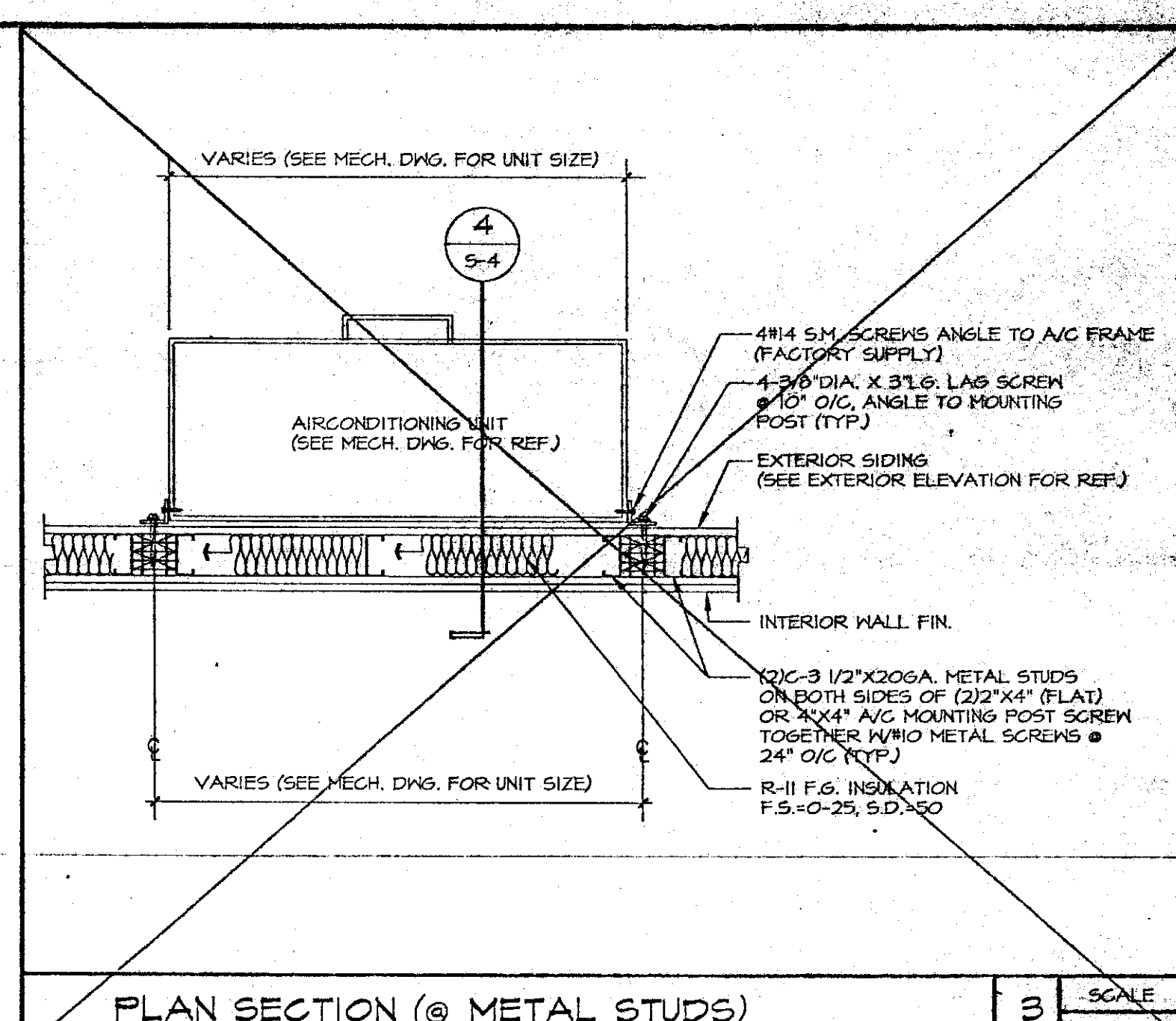


ACCEPTABLE METHOD 1 FOR USE WITH TEXTURED 1-11 PLYWOOD ONLY



ACCEPTABLE METHOD 2 FOR USE WITH TEXTURE 1-11 OR SHIPLAP SIDING WITH GROVE WIDTHS 3/8" OR LESS

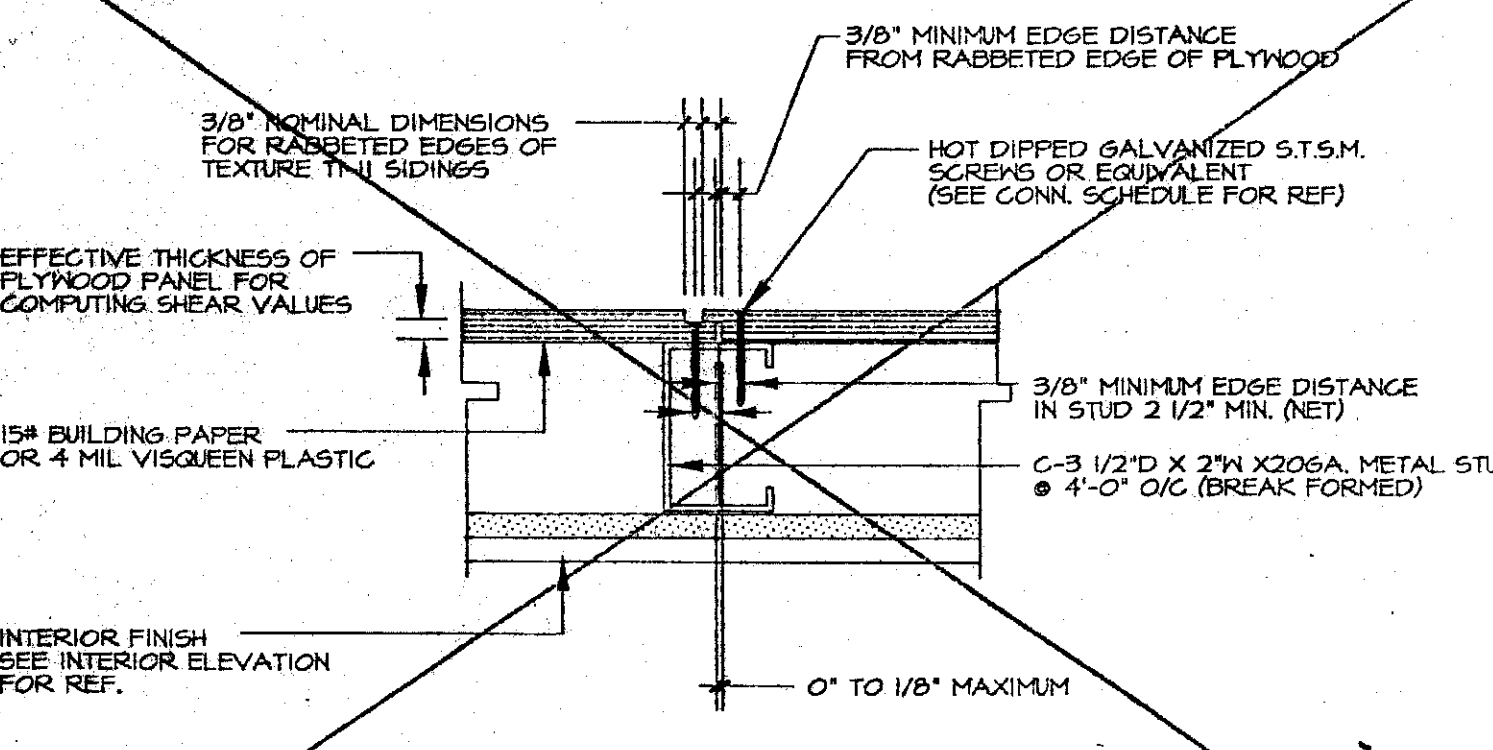
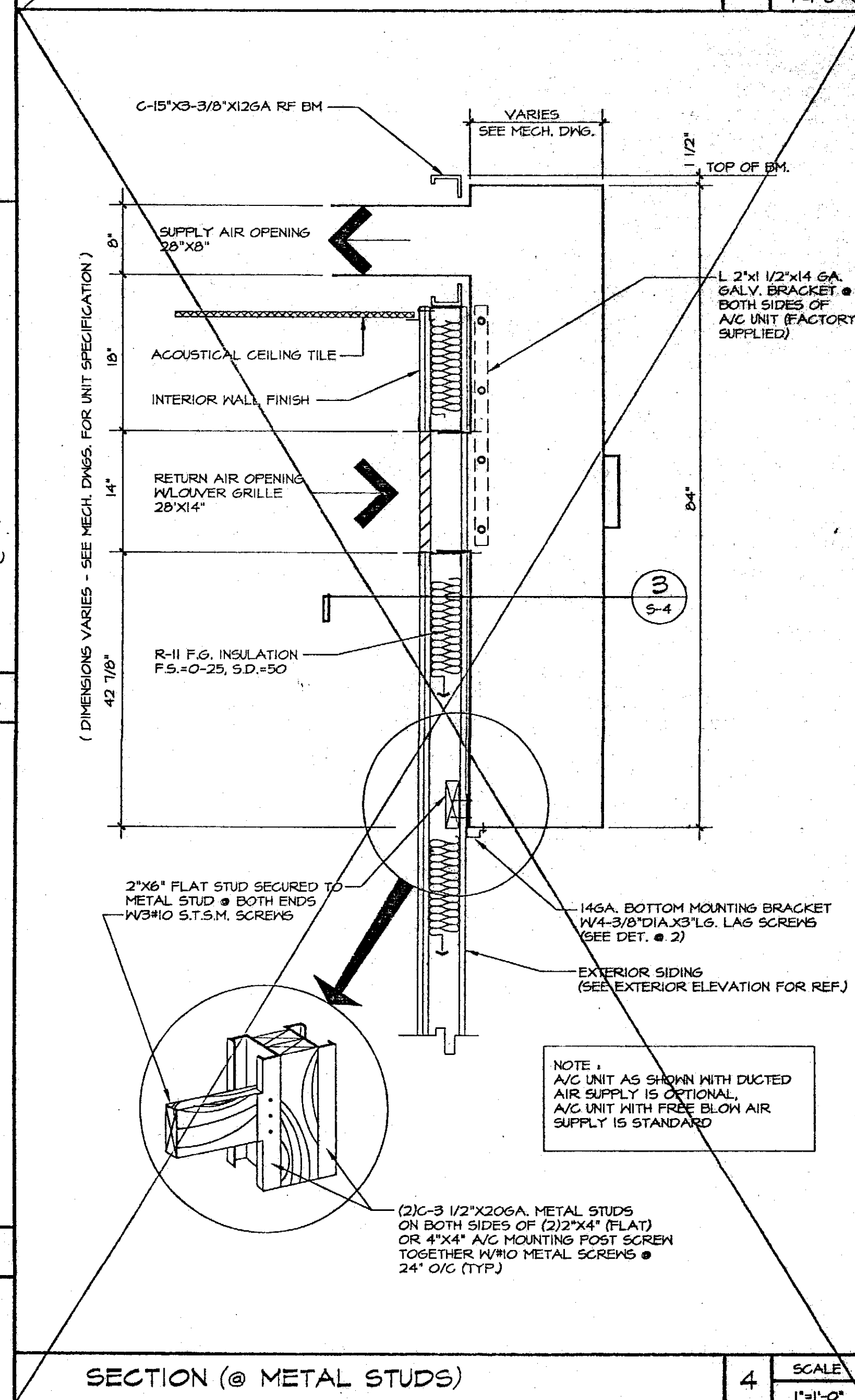
ACCEPTABLE DETAILS FOR NAILING OF TEXTURE 1-11 AND SIMILAR TYPES OF A.P.A. 303 PLYWOOD SPECIALTY SIDING WITH SHIPLAP JOINTS



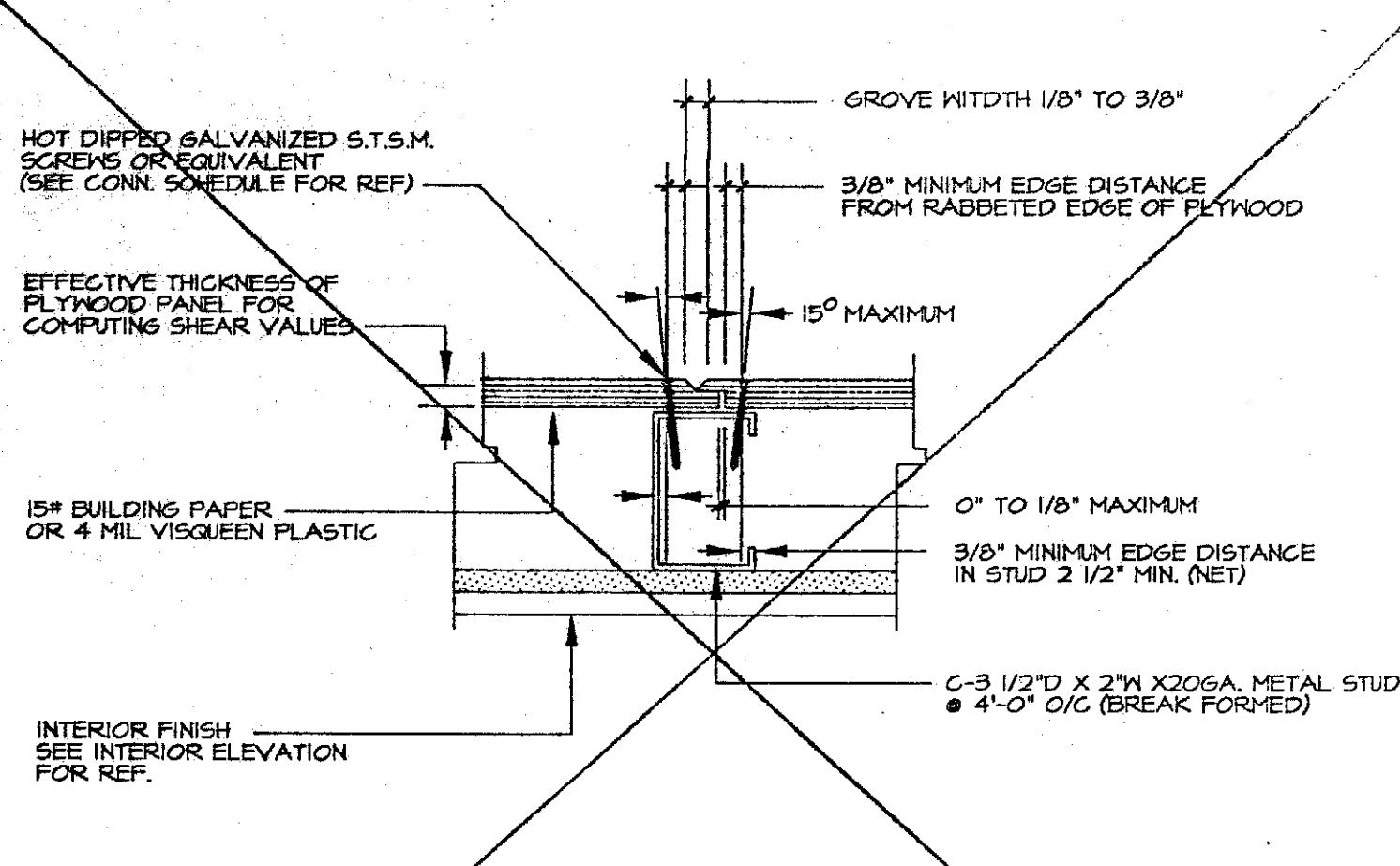
- ### WOOD PRODUCTS AND CARPENTRY
- FLOOR DECK SHALL BE 2-4, 1/8" THICK GROUP 1 DOUGLAS FIR P.S. 1-B3 WITH EXTERIOR GLUE (G.D.X.) AND SHALL BE LAID WITH FACE GRAIN PERPENDICULAR TO SUPPORTS. JOINTS OVER SUPPORTS SHALL BE STAGGERED, EDGES OF PANELS SHALL BE BUTTED OVER CENTERLINE OF SUPPORTING MEMBERS, WITH T & G AT LONG EDGES PER I.C.B.O. # 1007.
 - SIDING SHALL BE 5/8" THICK GROUP 1 DOUGLAS FIR EXTERIOR PLYWOOD MEETING P.S. 1-B3 STANDARD.
 - STANDARD CUT WASHERS SHALL BE USED UNDER BOLT HEADS AND NUTS BEARING AGAINST WOOD (TIGHTEN BOLTS BEFORE CLOSING-IN)
 - ALL NAILS AND SCREWS SHALL BE CORROSION RESISTANT.

CONNECTION SCHEDULE

STUD TO TRACK	#6 TEK SCREW
STUD TO COLUMN	#10 S.T.S.M. SCREW @ 24" O/C
TRACK TO RF: # FLR. BM.	#10 S.T.S.M. SCREW @ 32" O/C
5/8" SIDING - ALL EDGES	#8 F.H.S.T. SCREWS @ 6" O/C
5/8" SIDING - INTERMEDIATE SUPPORTS	#8 F.H.S.T. SCREWS @ 12" O/C
2-4" DECKING - ALL EDGES	#10 X 1 3/4" L.G. F.H.S.T. SCREWS @ 6" O/C
2-4" DECKING - INTERMEDIATE SUPPORTS	#10 X 1 3/4" L.G. F.H.S.T. SCREWS @ 10" O/C
INTERIOR SECTIONS TO FLOOR	#10 X 1 3/4" L.G. S.T.S.M. SCREWS @ 16" O/C
WALL SECTIONS TO STRUCTURAL FRAME	LOW VELOCITY DRIVE PINS @ 16" O/C (MULTI DN. DOMEHEAD, 0.145" DIA. X 3" LONG W/ 3/8" DIA. X 5/64" WASHER (I.C.B.O. # 2388) OR RAMMET #500 S.D. 0.145" X 3 1/2" L.G. (I.C.B.O. # 1639)



ACCEPTABLE METHOD 1 FOR USE WITH TEXTURED 1-11 PLYWOOD ONLY



ACCEPTABLE METHOD 2 FOR USE WITH TEXTURE 1-11 OR SHIPLAP SIDING WITH GROVE WIDTHS 3/8" OR LESS

ACCEPTABLE DETAILS FOR NAILING OF TEXTURE 1-11 AND SIMILAR TYPES OF A.P.A. 303 PLYWOOD SPECIALTY SIDING WITH SHIPLAP JOINTS

REFERENCE NOTES : (AS APPLICABLE)

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SCALE: 1"=1'-0"

SCALE: 1"=1'-0"

SCALE: 1"=1'-0"

SCALE: 1"=1'-0"

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 102932
 REVIEWED FOR
 SS FLS ACS
 DATE: NOV 17 1999

NOT FOR CONSTRUCTION

STRUCTURAL ENGINEER: [Signature]

ARCHITECT: [Signature]

PROFILE STRUCTURES, INC.
 CONTRACTOR'S LODGE # 24001 ST
 0101 851-2551
 FAX 0101 851-2203

1328 COLUMBIA RD.
 SANTA FE SPRINGS, CA 90670

30'x40'x50'/60'x32' - CLASSROOM BUILDINGS
 RIGID FRAME - BUILT UP ROOF - WOOD/METAL STUDS

SCALE: NOTED
 DATE: 07/25/96

DRAWN BY: FS/NG/JM
 REVISION: 11/23/2000

JOB NO: 1001-66
 PC-245

DYNAMIC NUMBER: S-4

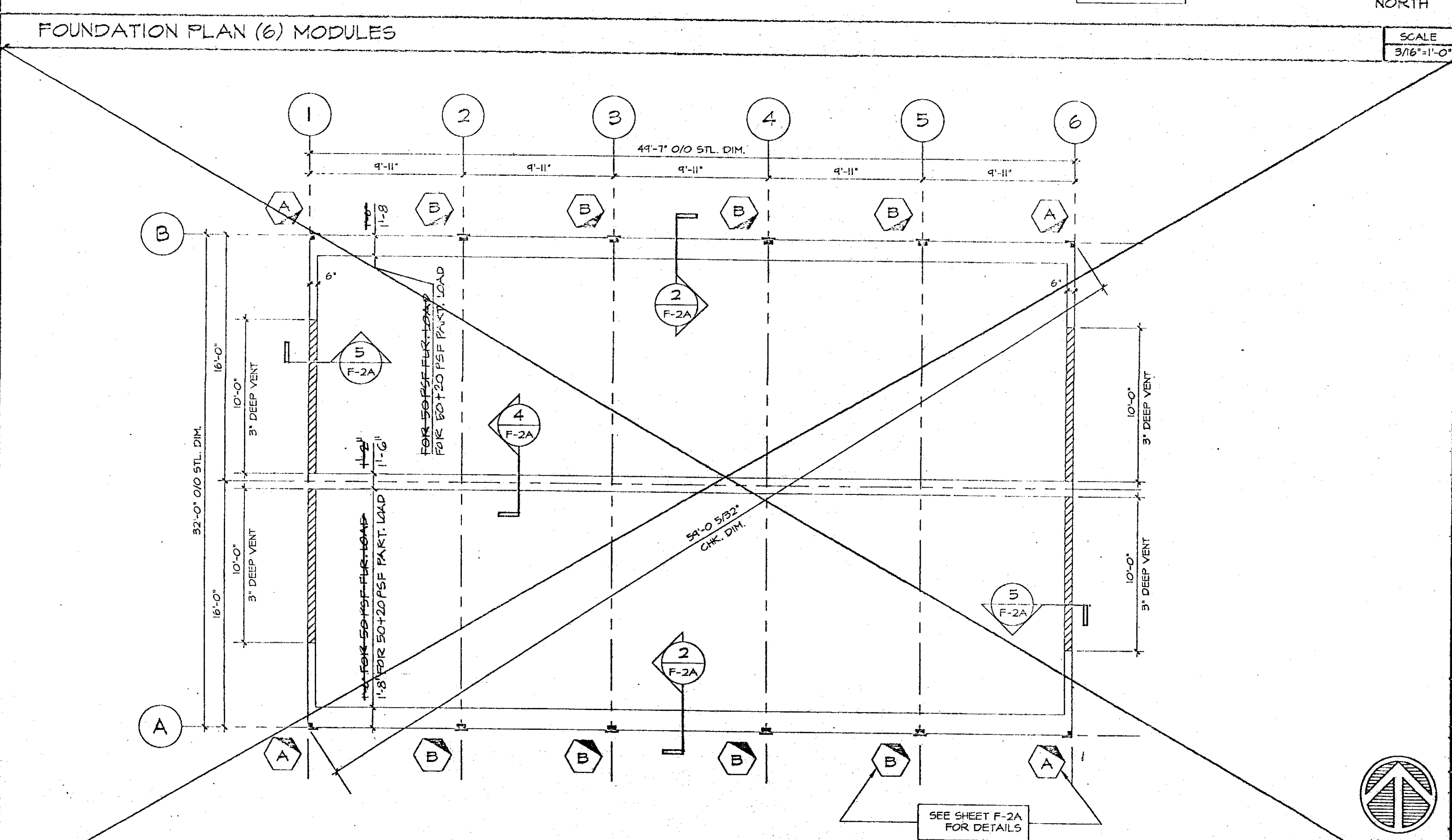
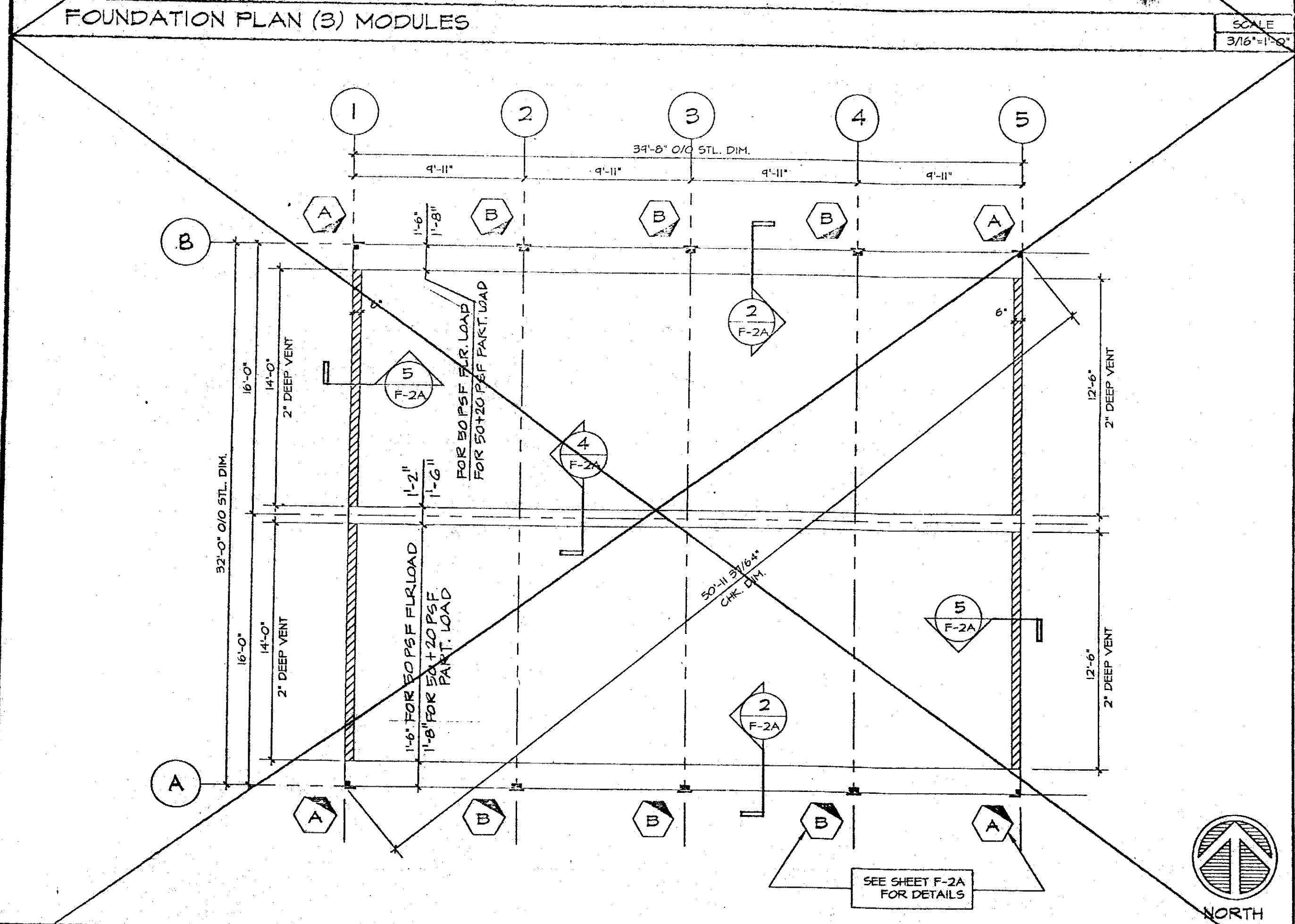
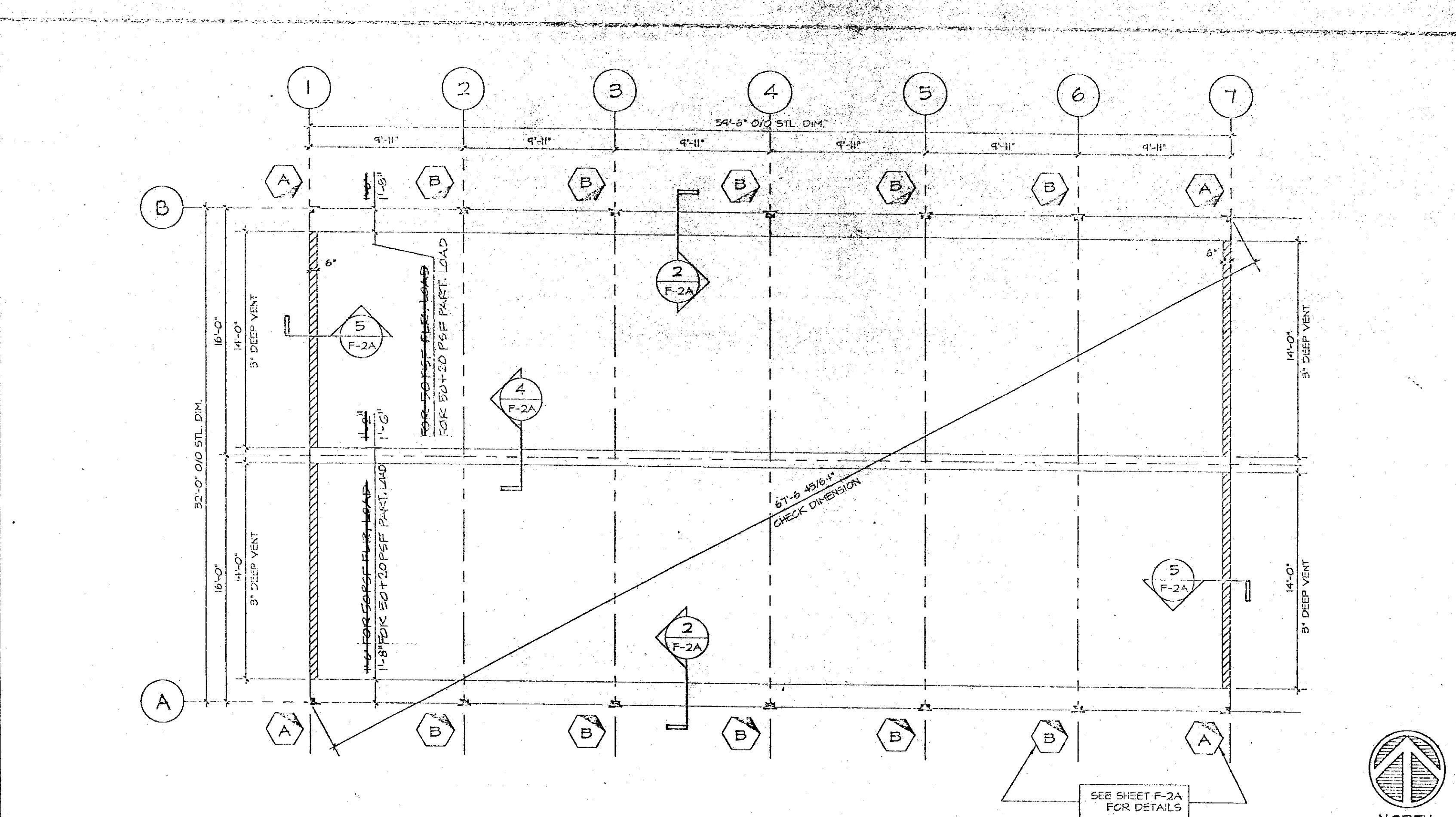
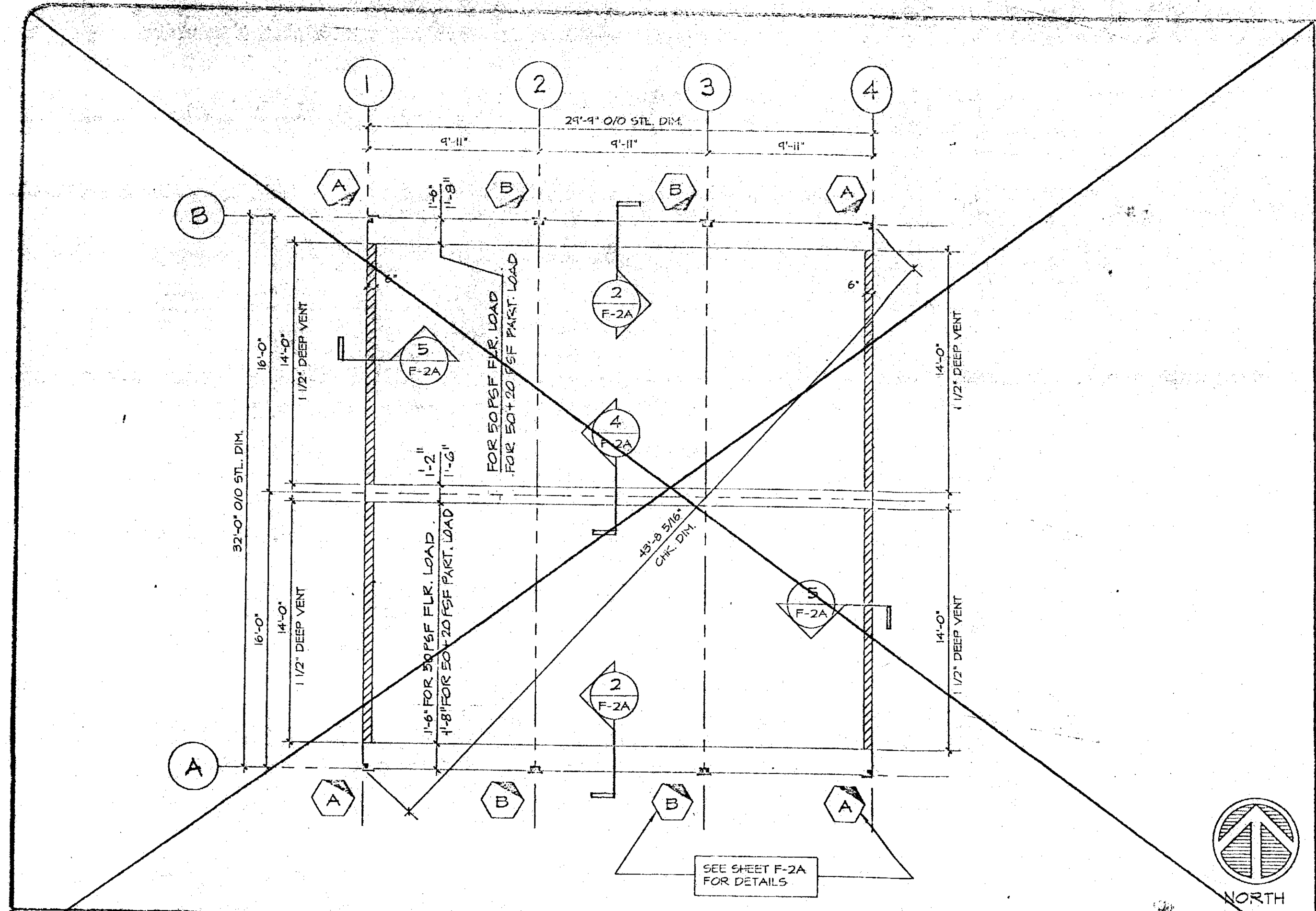
DIVISION OF THE STATE ARCHITECT
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 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

APPL. # PC-295

AC: FLS SS
 DATE: 11/18/2000

REV. # DATE DESCRIPTION

AZ 976302



REFERENCE NOTES : (AS APPLICABLE)

1. TS 3 1/2"x3 1/2"x11 GA. COLUMN
2. TS 3 1/2"x3 1/2"x11 GA. INTERMEDIATE COL.
3. STL. PL. 1/4" x 3 1/2" x 0'-6" 1/2" OUTRIGGER/ COLUMN SUPPORT
4. C 15"x3 3/8"x12 GA. END ROOF BEAM
5. C 15"x3 3/8"x12 GA. SIDE ROOF BEAM
6. C 15"x3 3/8"x12 GA. SLOPE & MOD. JOINT (TYP)
7. C 10"x3"x4 GA. ROOF BEAM
8. C 3"x6"x1/8" STIFFENER PLATE
9. 1/4" THK. COLUMN GAP PLATE (TOP & BOT)
10. 3/4"x9 NUT, TACKWELDED INSIDE GAP PLATE
11. L 2 1/2"x2 1/2"x3/8"x3'-2 3/4" LG. CLIP
12. L 2 1/2"x2 1/2"x3/8"x3'-2 3/4" LG. CLIP
13. L 2 1/2"x2 1/2"x3/8"x3'-2 3/4" LG. CLIP
14. L 2 1/2"x2 1/2"x3/8"x3'-2 3/4" LG. CLIP
15. 4x8"x9 HOLES W/ 1/2"x9 NUT TACKWELDED INSIDE COL.
16. 2 1/2"x2 1/2"x3/8"x3' STEEL PLATE
17. 1/2" MACHINE BOLT (TYP)
18. 5/8"x9 MACHINE BOLT (TYP)
19. C 10"x3"x4 GA. FLOOR END BEAM (TYP)
20. C 10"x3"x4 GA. FLOOR SIDE BEAM/JOIST (TYP)
21. C 10"x3"x4 GA. BLOCKING
22. 1 1/4" WIDE x 20 GA. BRIDGING STRAPS
23. L 2"x4"x1/4" GA. & EXT. SIDES OF MODULES & BRIDGING STRAPS LOCATION ONLY (SEE FLOOR FRAMING PLAN)
24. L 5"x3"x1/4" GA. & 6' LG.
25. TS 3 1/2"x3 1/2"x11 GA. & 4' LG. LEDGER, SEE DETAIL FOR REF. (INSTALL TO MATCH SLOPE OF RIM JOIST)
26. TS 3 1/2"x3 1/2"x11 GA. & 4' LG. LEDGER, SEE DETAIL FOR REF. (INSTALL TO MATCH SLOPE OF RIM JOIST)
27. TS 2"x4"x1/4" GA. & 8' LG. LEDGER/STOCK, WELDED TO REF. BEAM & HOLD DN. PLATE, SEE DETAIL FOR REF.
28. TS 3 1/2"x3 1/2"x11 GA. STOOD, WELDED TO REF. BEAM & LEDGER TUBE, CUT AS REQ'D. (SEE DET. FOR REF.)
29. TS 4"x2"x1/4" GA. ROOF JOIST WELDED @ EACH END TO TS 4"x2"x11 GA. OUTRIGGER (TYP)
30. TS 4" x 2" x 1/4" GA. OUTRIGGER WELDED TO TS 1/2"x3 1/2"x11 GA. COL. (SEE REF. FRAMING PLAN)
31. 2"x4" D.F. #1 RIM JOIST (TYP) SEE ROOF FRAMING PLAN FOR REF. (TYP)
32. 2"x6" D.F. #2 ROOF JOIST & 24" O.C. W/ (3) 1/4" NAILS @ EA. END, (RIM JOIST TO ROOF JOIST) (TYP) W/ LB-35 SIMPSON JOIST HANGERS @ EXTERIOR SIDES ONLY (SEE ROOF FRAMING PLAN FOR REF.)
33. (2) 2"x6" D.F. #2 (AT ROOF PANEL JOINT) SPIKE TOGETHER W/ 1/4" GALV. BOX NAILS (2) ROWS STAGGERED (TYP) SEE ROOF FRAMING PLAN FOR REF.
34. LB-35 SIMPSON JOIST HANGERS (TYP)
35. 1/2" THICK PLYWOOD SHEATHING (TYP) STRUCH. COX-FLY (EXTERIOR GRADE) W/ 6x GALV. BOX NAILS @ 6" O.C. ON ALL EDGES AND @ 12" O.C. IN FIELD (TYP) SEE ROOF FRAMING PLAN FOR REF.
36. L-2"x2"x1/4" GA. BRACINGS (TYP) SEE ROOF FRAMING PLAN FOR REF. (TYP)
37. 6" x 8" L.G. x 10 GA. SH. METAL HOLD DN. PLATE W/ (8) 8x8x1/2" LG. WOOD SCREWS TO RIM JOIST, WELDED TO STL. TUBE RISER STOOD. SEE DETAIL FOR REF. (TYP)
38. 6" x 14" L.G. x 10 GA. SH. METAL HOLD DN. PLATE W/ (8) 8x8x1/2" LG. WOOD SCREWS TO RIM JOIST, WELDED TO STL. TUBE RISER STOOD. AT PANEL JOINT. SEE DETAIL FOR REF.
39. CLASS "A" MINERAL SURFACE BUILT UP ROOFING SYSTEM BY 100% ROOFING PRODUCTS OR ARCHITECT APPROVED EQUAL TO CONFORM TO 100% SPECIFICATION NO. A-4-1-2 (TYP) U.L. # R-1165 (U)
40. 4"x3"x6 GA. GALV. 5/8" DOWNPOUT WITH STRAPS & 5" O.C. (P.A.) SECURED TO SLUG, W/ NO S.M.S.
41. CONT. 24GA. GALV. GUTTER
42. 4"x3"x6 GA. GALV. 5/8" OVERFLOW
43. 24 GA. CONT. GALV. FASCIA
44. 2-1/4" PLYWOOD FLOOR DECK - (D.F.) PS-83 T&G 1 1/2" THK. WITH 8x8 x 1/4" LG. FAST. SCREWS @ 6" O.C. ON EDGES & 10" O.C. IN FIELD.
45. 5/8" THK. EXTERIOR GRADE PLYWOOD SIDING (TYP) PLAIN OVER DM. BLDG. PAPER OR 4 MIL. VIBROEN WITH 8x8x1/4" NAILS @ 6" O.C. ON EDGES AND 12" O.C. IN FIELD (TYP) PAINT FINISH TO BE SELECTED BY SCHOOL DIST. (FOR METAL STUDS) USE #8 PH.S.T. SCREWS @ 6" O.C. ALL EDGES AND 12" O.C. IN FIELD (TYP)
46. 1/8" THK. PORTLAND CEMENT FLAGGER FINISH OVER PAPERBACK METAL LATH OVER 2"x4" THK. PLYWOOD SHEATHING.
47. 1/2" THK. BRICK OVER 1/2" THK. GYPSUM BOARD, SEE FIN. SCHEDULE FOR REF. (TYP)
48. 5/8" THK. GYPSUM BOARD (PAINT FINISH)
49. 1/2" THK. DRAGON INTERIOR WALL FINISH
50. 5/8" THK. INSULATION FLARE SPREAD 0-25, SMOKE DENSITY 50
51. R-11 P.G. INSULATION FLARE SPREAD 0-25, SMOKE DENSITY 50, SUPPORTED W/ 1"x2" PLASTIC NETTING SECURED TO DIM. OF RF. JOIST W/ 1/2" STAPPLES (TYP)
52. CEILING BOARD, MINERAL FIBER LAY-IN PANEL 24"x24"x5/8" THK. CORTEGA 781 BY ARISTONON NON-DIRECTIONAL GLASS A / F.S.G. G-250
53. MAIN RUNNER - ARISTONON # 1500 INTER. DUTY
54. CROSS RUNNER - ARISTONON # 1500 INTER. DUTY
55. WALL ANGLE - ARISTONON # 1500 NON-GLASSIFIED
56. ANGLE HANGER - 3"x3"x1/4" GA. @ 24" O.C. - POP REVELED TO ROOF DRAIN 1 TO WALL ANGLE
57. CONT. WALL ANGLE SECURED TO ANGLE HANGERS WITH 1/2" POP REVEL. (TYP)
58. 6" O.C. x 4" O.C. NAIL ON ALUM. HANGROD (OPTIONAL)
59. 3" O.C. x 6" O.C. 3/4" NAIL DOCK ON METAL FRAME
60. WEATHERSTRIP - 3/4" AN - FEM30
61. THRESHOLD - 211A - FEM30
62. DOOR BOTTOM - 26A - FEM30
- 63.
- 64.
- 65.
66. SEE WALL FRAMING ELEVATIONS FOR REFERENCE
- 67.
- 68.
- 69.
70. PLASTIC MOLDINGS AROUND WINDOW OPENING.
71. SHEET METAL EDGE TRIM.
72. CONT. 22 GA. XTT WIDE SHIT. METAL FLASHING (TYP) ARISTON BUILDING
73. PROVIDE CONT. BEAD OF CAULKING
74. 5/8"x9 CONCRETE ANCHOR "ROUVELOIT" OR EQ.
75. 1/4" THK. THE DOWN STEEL PLATE
76. GALV. WIRE SCREEN WITH 1/4" SQUARE HOLES ON 25 GA. SHEET METAL FRAME REVELED TO 24 GA. SHEET METAL BRACKET ON TOP & SCREWED TO FLOOR BEAM & CONC. FOOTING WITH #8 x 1 1/4" LG. S.M.S. WITH EXPANSION SHIELD @ 24" O.C.
77. UNDERFLOOR VENT (SEE FOUNDATION PLAN FOR REF.)
78. RAMPS AND LANDING (OPTIONAL)
79. EXISTING GRADE OR FRESH GRADE
80. CONCRETE FOUNDATION
81. BUILDING PAD / DIRT PAD
82. MOISTURE BARRIER - TAR IMPREGNATED BOARD OR EQUAL (BY OTHERS)
83. APPROVED/COMPACTED FILL
84. 4" THK. CONCRETE SLAB WITH 6x6 - #16x14 REINF. (BY OTHERS)
85. 4" HIGH VINYL TORNEY BASE (TYP)
86. CHALKBOARD/30"x41" SECTIONS WITH CHALKTRAY, MOLDING & MAP RAIL WITH HOOK & FLAG HOLDER (2'-6" A.P.F.)

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PROFILE STRUCTURES, INC.
 CONTRACTOR'S LICENSE # 248271 01
 13925 CARMENTA RD. SANTA FE SPRINGS CA 90670
 (310) 921-2551 Fax (310) 921-2903

36'40'50'60' x 32' - CLASSROOM BUILDINGS
 RIGID FRAME - BUILT UP ROOF - WOOD/METAL STUDS

SCALE: NOTED
 DATE: 08/15/16
 APPROVED BY: [Signature]
 DRAWN BY: [Signature]
 REVISION: [Signature]
 JOB NO.: M49-66
 PC-295
 DRAWING NUMBER: F-2

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 DIV. OF THE STATE ARCHITECT
 102932
 DATE: NOV 17 1999

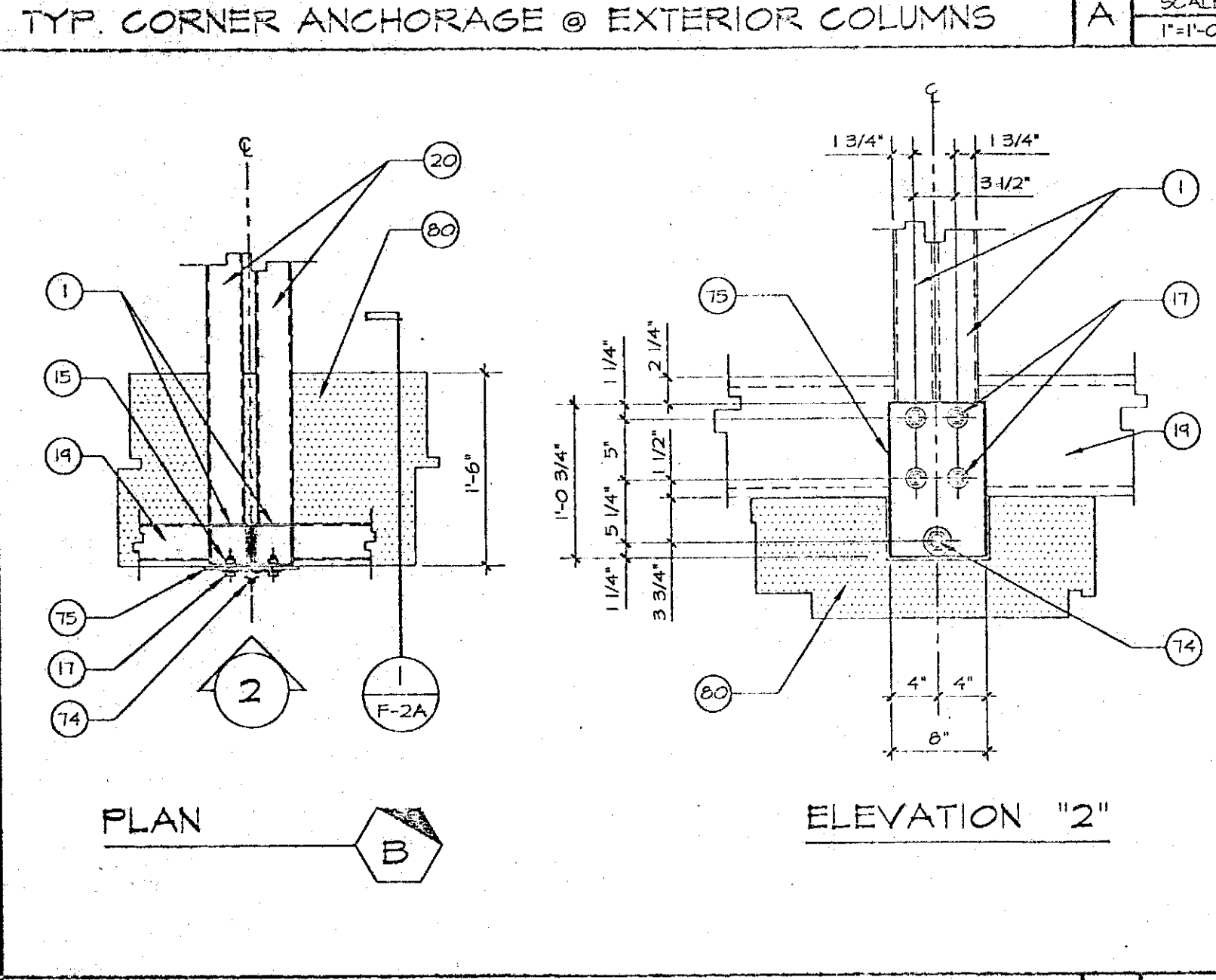
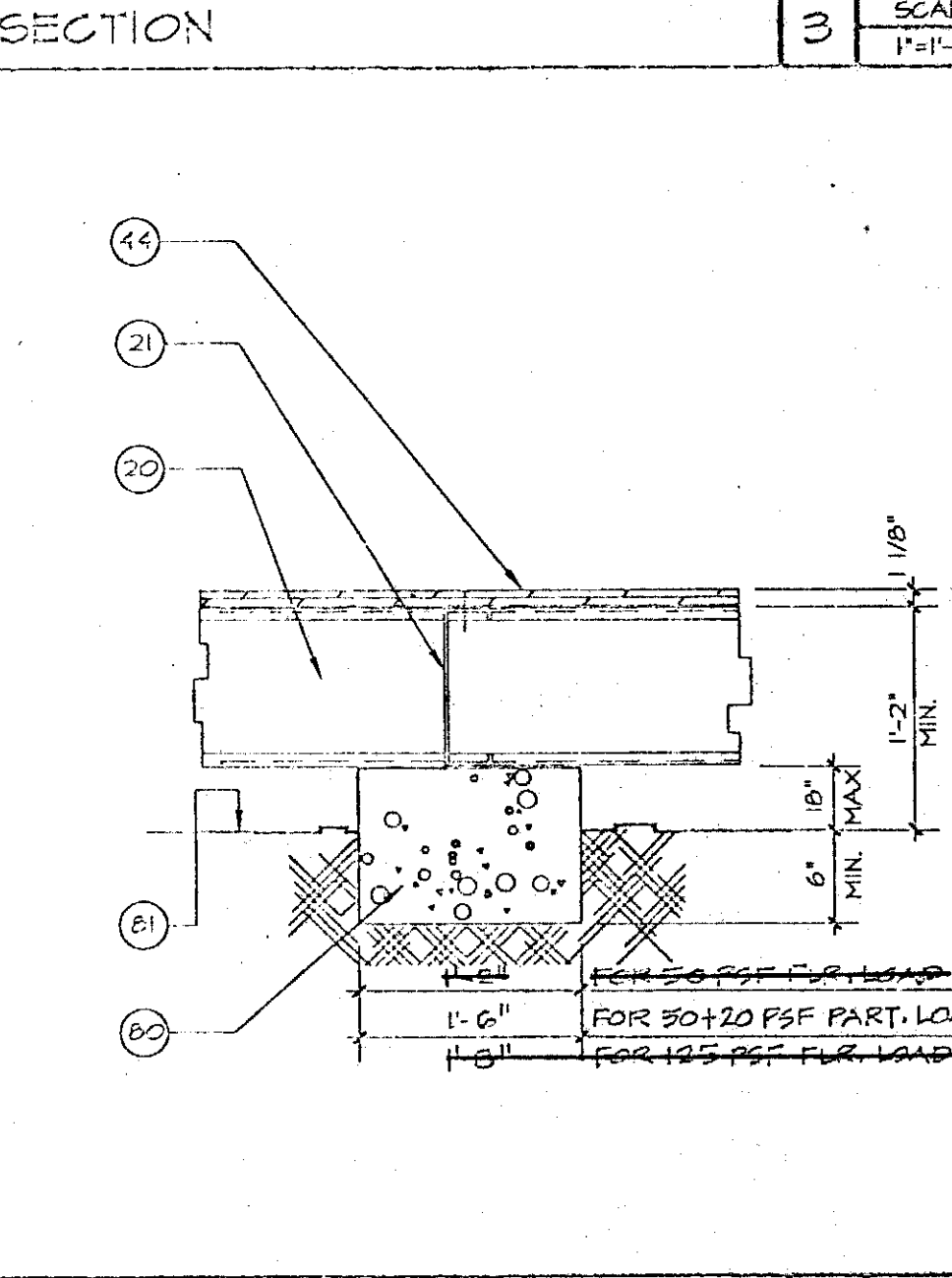
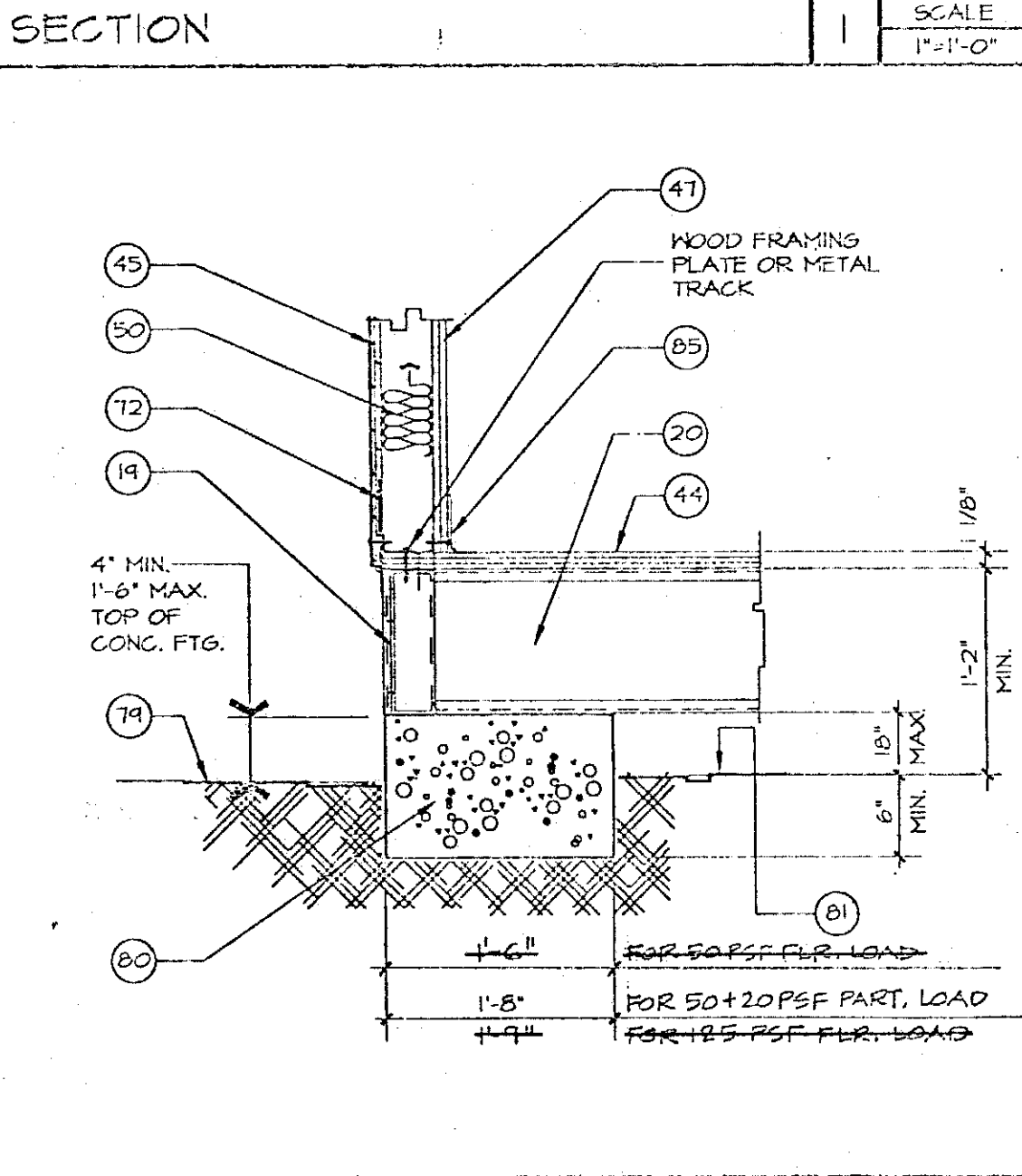
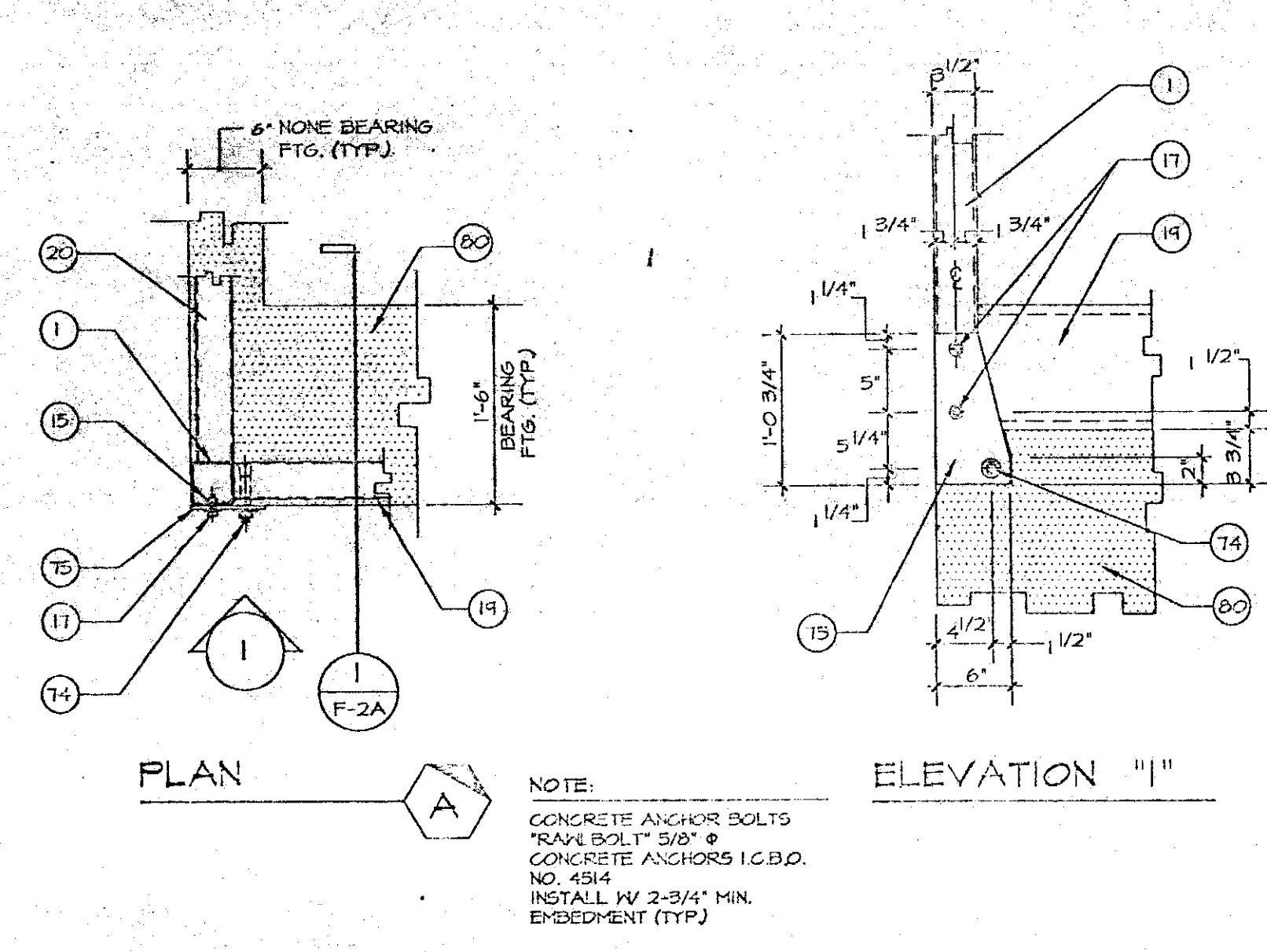
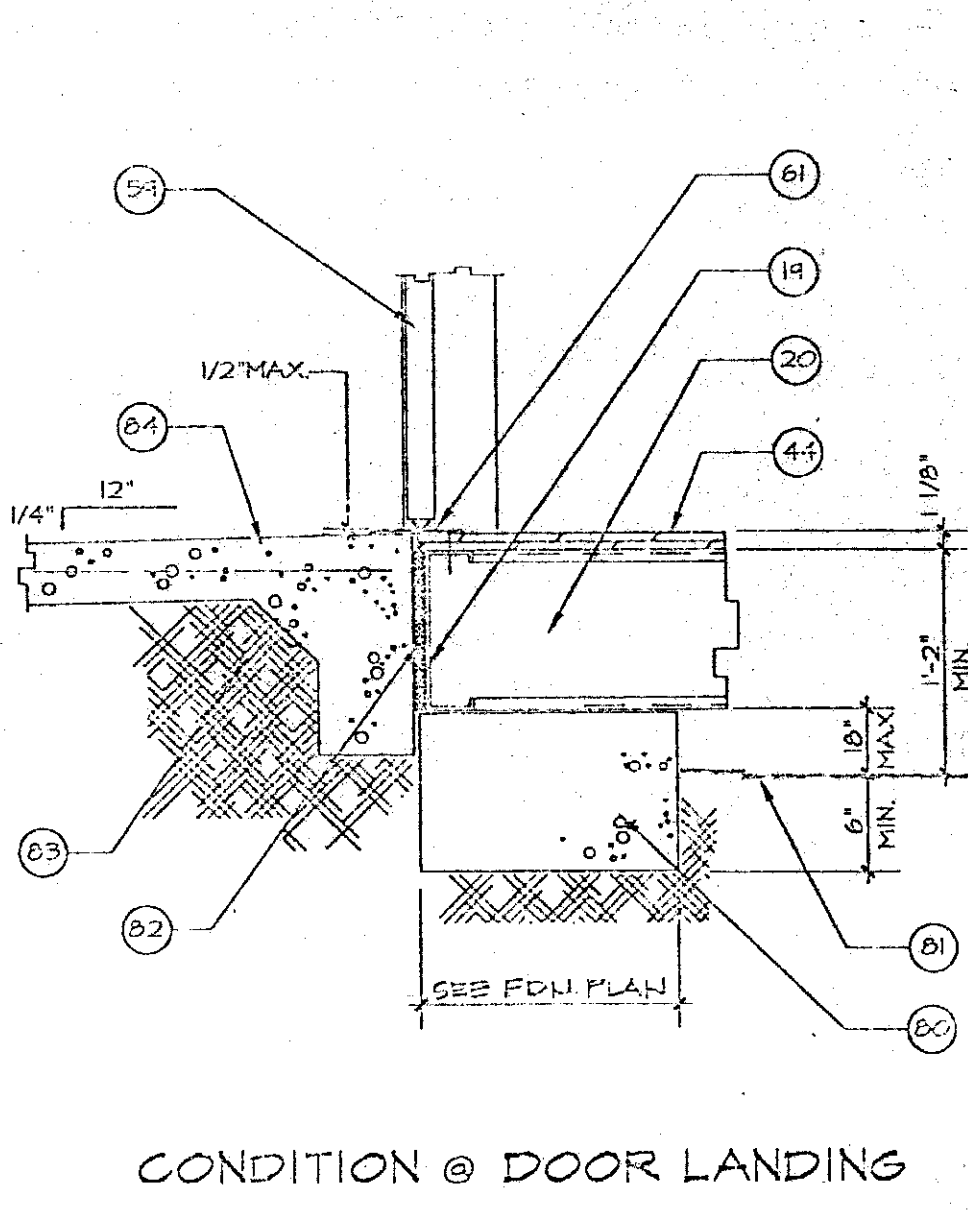
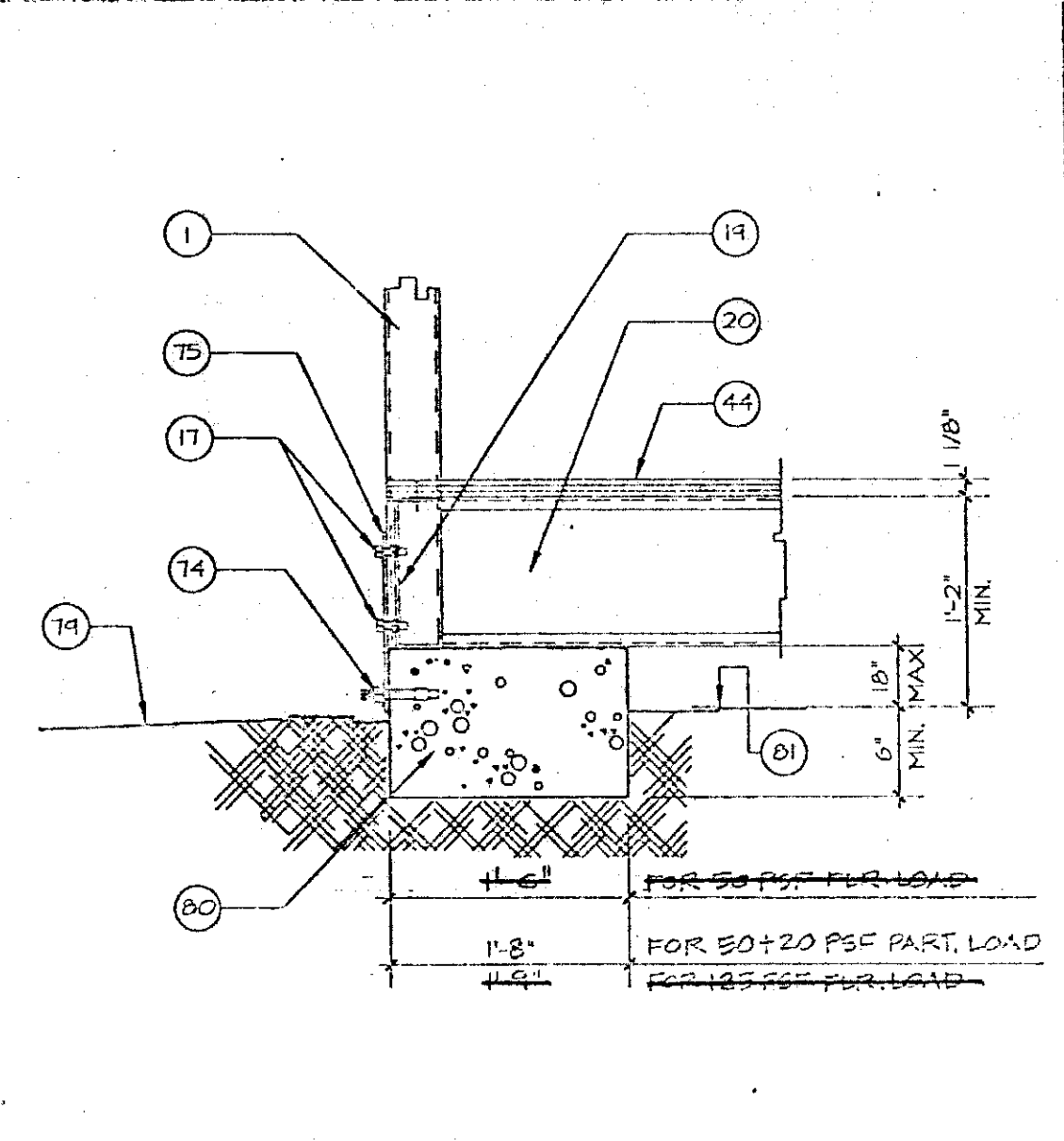
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IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 APPL. # PC-295
 AC. FLS. SS. U/LP
 DATE OCT 03 2023

JAN 18 2000

REV. # DATE DESCRIPTION BY

AZ 990303



REFERENCE NOTES : (AS APPLICABLE)

1. TS 3 1/2"x3 1/2"x11 GA. COLUMN
2. TS 3 1/2"x3 1/2"x11 GA. INTERMEDIATE COL.
3. STL. FL. 1/4" x 3 1/2" x 0'-6 1/2" OUTRIGGER/ COLUMN SUPPORT
4. C 15"x3 3/8"x12 GA. END ROOF BEAM
5. C 15"x3 3/8"x12 GA. SIDE ROOF BEAM
6. C 15"x3 3/8"x12 GA. SLOPE & MOD. JOINT (TYP)
7. C 15"x3 1/2"x10 GA. SLOPE & MOD. JOINT (TYP)
8. C 10"x3"x14 GA. ROOF BEAM
9. 3/8" THK. STIFFENER PLATE
10. 1/4" THK. COLUMN CAP PLATE (TOP & BOT)
11. 3/4"x9 NUT, TACKLED INSIDE CAP PLATE
12. L 2 1/2"x2 1/2"x3/8"x0'-2 3/4" L6. CLIP
13. L 2 1/2"x2 1/2"x3/8"x0'-3 1/2" L6. CLIP
14. L 2 1/2"x2 1/2"x3/8"x0'-0" L6. CLIP
15. 4/8"x9 HOLES W/ 1/2" RIT TACKLED INSIDE COL.
16. 2 1/2"x2 1/2"x3/8" STEEL PLATE
17. 1/2" MACHINE BOLT (TYP)
18. 5/8" MACHINE BOLT (TYP)
19. C 10"x3"x14 GA. FLOOR END BEAM (TYP)
20. C 10"x3"x14 GA. FLOOR SIDE BEAM/JOIST (TYP)
21. C 10"x3"x14 GA. BLOCKING
22. 1 1/4" WIDE x 20 GA. BRIDGING STRAPS
23. L 2"x2"x14 GA. & EXT. SIDES OF MODILES & BRIDGING STRAPS LOCATION ONLY (SEE FLOOR FRAMING PLAN)
24. L 5"x3"x14 GA. X0'-6" L6.
25. TS 3 1/2"x3 1/2"x10 GA. X0'-4" L6. LEDGER, SEE DETAIL FOR REF. (INSTALL TO MATCH SLOPE OF RIM JOIST)
26. TS 3 1/2"x3 1/2"x10 GA. X0'-0" L6. LEDGER, SEE DETAIL FOR REF. (INSTALL TO MATCH SLOPE OF RIM JOIST)
27. TS 2"x4"x16 GA. X0'-6" L6. LEDGER/STOOL HELDED TO RS. BY 4 HOLD DOWN JOIST HANGERS @ EXTERIOR SIDES ONLY (SEE ROOF FRAMING PLAN FOR REF.)
28. TS 3 1/2"x3 1/2"x10 GA. STUOL HELDED TO RS. BY 4 LEDGER TEE, CUT AS REQ'D. (SEE DET. FOR REF.)
29. TS 4"x2"x6 GA. ROOF JOIST HELDED @ EACH END TO TS 4"x2"x11 GA. OUTRIGGER (TYP)
30. TS 4" x 2" x 11 GA. OUTRIGGER HELDED TO TS 3 1/2"x3 1/2"x10 GA. COL. (SEE REF. FRAMING PLAN FOR REF. (TYP))
31. 2"x6" D.F. #2 RIM JOIST (TYP) SEE ROOF FRAMING PLAN FOR REF. (TYP)
32. 2"x6" D.F. #2 ROOF JOIST @ 24" O/C W/ (3) 16d NAILS @ EA. END, (RIM JOIST TO ROOF JOIST) (TYP) W/ LB-26 SIMPSON JOIST HANGERS @ EXTERIOR SIDES ONLY (SEE ROOF FRAMING PLAN FOR REF.)
33. (2) 2"x6" D.F. #2 (AT ROOF PANEL JOINT) SPIKE TOGETHER W/ 16d GALV. BOX NAILS (2) ROYS SIMPSON (TYP) SEE ROOF FRAMING PLAN FOR REF.
34. LB-26 SIMPSON JOIST HANGERS (TYP)
35. 1/2" THK. PLYWOOD SHEATHING (TYP) STRICTLY CDX 5-PLY (EXTERIOR GRADE) W/ 6d GALV. BOX NAILS @ 6" O/C ON ALL EDGES AND @ 12" O/C IN FIELD (TYP) SEE ROOF FRAMING PLAN FOR REF.
36. 2"x2"x14 GA. BRACINGS (TYP) SEE ROOF FRAMING PLAN FOR REF. (TYP)
37. 6" x 8" L6. X 18 GA. SH. METAL HOLD DN. PLATE W/ (3) 16d X 1 1/2" L6. HOOD SCREWS TO RIM JOIST, HELDED TO STL. TUBE RISER STOOL. SEE DETAIL FOR REF. (TYP)
38. 6" x 14" L6. X 18 GA. SH. METAL HOLD DN. PLATE W/ (3) 16d X 1 1/2" L6. HOOD SCREWS TO RIM JOIST, HELDED TO STL. TUBE RISER STOOL. SEE DETAIL FOR REF. (TYP)
39. CLASS 1A MINERAL SURFACE BUILT-UP ROOFING SYSTEM BY 604 ROOFING PRODUCTS OR ARCHITECT APPROVED EQUAL TO CONFORM TO 159 SPECIFICATION NO. A-44-2 (TYP) U.L. - R-116 (1.5")
40. 4"x8"x26 GA. GALV. EX. DOWNROUT WITH STRAPS @ 9'-0" O/C (MAX) SECURED TO BLDS. W/ R10 S.M.S.
41. CONT. 24GA. GALV. GUTTER
42. 4"x3"x26 GA. GALV. SH. OVERFLOW
43. 24 GA. CONT. GALV. FASCIA
44. 2-1/4" PLYWOOD FLOOR DECK - (DF) PSI-83 T&G 1/8" THK. WITH 1/2" x 1 3/4" L6. FIRST STRIPS @ 6" O/C ON EDGES & 12" O/C IN FIELD.
45. 5/8" THK. EXTERIOR GRADE PLYWOOD SIDING (1-1/4" PLAN OVER 1/8" BLDG. PAPER OR 4 MIL VICKREAN WITH 6d BOX NAILS @ 6" O/C ON EDGES AND 12" O/C IN FIELD (TYP) PAINT FINISH TO BE SELECTED BY SCHOOL DIST.
- (FOR METAL STUDS) USE R5 P.H.S.T. SCREWS @ 6" O/C ALL EDGES AND 12" O/C IN FIELD (TYP)
46. 1/8" THK. PORTLAND CEMENT PLASTER FINISH OVER PAPERBACK METAL LATH OVER 5/8" THK. PLYWOOD SHEATHING.
47. 1/2" THK. FIREX OVER 1/2" THK. GYPSUM BOARD. SEE FIN. SCHEDULE FOR REF. (TYP)
48. 5/8" THK. GYPSUM BOARD (PAINT FINISH)
49. 1/2" THK. DURABON INTERIOR WALL FINISH
50. R-II F.G. INSULATION, FLAME SPREAD 0-25, SMOKE DENSITY 50.
51. R-11 F.G. INSULATION, FLAME SPREAD 0-25, SMOKE DENSITY 50. SUPPORTED BY 1"x2" PLASTIC NETTING SECURED TO BTM. OF REF. JOIST W/ 1/2" STAPLES (TYP)
52. CEILING BOARD, MINERAL FIBER LAY-IN PANEL 24"x48"x1/2" THK. CORGESA 164 BY ARISTORONS NON-DIRECTIONAL (CLASS A / F.S. 0-25)
53. MAIN RUNNER - AR-STRINGS # T300 INTER. DUTY
54. CROSS RUNNER - AR-STRINGS # T300 INTER. DUTY
55. WALL ANGLE - AR-STRINGS # T6200 NON-CLASSIFIED
56. ANGLE HANGER - 3"x3"x14 GA. @ 24" O/C - POP RIVETED TO ROOF BEAM & TO WALL ANGLE.
57. CONT. WALL ANGLE SECURED TO ANGLE HANGERS WITH 1/8" POP RIVET (TYP)
58. 6'-0"x4'-0" (X2) NAIL ON ALUM. HOOK (OPTIONAL)
59. 3'-0"x6'-0" 3/4" HM. DOOR ON METAL FRAME
60. FEATHERSTRIP - 3/16" AN - P-900
61. THRESHOLD - 21A - P-900
62. DOOR BOTTOM - 26A - P-900
63. SEE WALL FRAMING ELEVATIONS FOR REFERENCE
64. TO PLASTIC MOLDING AROUND WINDOW OPENING.
65. SHEET METAL EDGE TRIM
66. CONT. 22 GA. X1/2" WIDE SH. METAL FLASHING (TYP) AROUND BUILDING
67. PROVIDE CONT. BEAD OF CAULKING.
68. 5/4" THK. CONCRETE ANCHOR (RAPID BOLT) OR EQ.
69. 1/4" THK. TIE DOWN STEEL PLATE
70. GALV. WIRE SCREEN WITH 1/4" SQUARE HOLES ON 26 GA. SHEET METAL FRAME RIVETED TO 24 GA. SHEET METAL BRACKET ON TOP & SCREWS TO FLOOR BEAM & CONC. FOOTING WITH R5 X 1 1/4" L6. S.M.S. WITH EXPANSION SHIELD @ 24" O/C.
71. UNDERFLOOR VENT (SEE FOUNDATION PLAN FOR REF.)
72. RAMPS AND LANDINGS (OPTIONAL)
73. EXISTING GRADE OR FINISH GRADE.
80. CONCRETE FOUNDATION.
81. BUILDING PAD / DIRT PAD.
82. MOISTURE BARRIER - TAR IMPREGNATED BOARD OR EQUAL (BY OTHERS)
83. APPROVED COMPACTED FILL.
84. 4" THK. CONCRETE SLAB WITH 6x6 - #4.4x18A REIN. (BY OTHERS)
85. 4" HIGH VINYL TOPSET BASE (TYP)
86. CHALKBOARD (28"x4" SECTIONS WITH CHALKTRAY MOLDINGS & MAP LATH WITH HOOK & FLAG HOLDER (2'-0" A.F.F.))

CONCRETE :

1. FOOTINGS DESIGN BASED ON 1000 psf BASIC SOIL PRESSURE. (FOR CLAYEY SAND)
2. BOTTOM OF ALL BEARING FOOTINGS SHALL BE 6" MIN. BELOW NATURAL GRADE, OR APPROVED COMPACTED FILL.
3. CONCRETE SHALL BE STANDARD 2000 P.S.I. WITH 1" AGGREGATE, 5.7 SACKS OF CEMENT PER YARD AND 7.5 GALLONS OF WATER PER SACK OF CEMENT, PER TABLE 19-A-1 TITLE 24, C.C.R.
4. CONCRETE SHALL CONFORM TO THE LATEST ASTM SPECIFICATION.
5. REINFORCING STEEL SHALL CONFORM TO A615 GRADE 40 SPECIFICATIONS, WITH DEFORMATIONS CONFORMING TO ASTM A305 SPECIFICATION.
6. REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH THE PLAN AND SHALL BE LAPPED A MINIMUM OF 12" OR 30 BAR DIAMETERS, WHICHEVER IS LARGER.
7. ALTERNATE DESIGN FOR FORM MIX - 6.5 SACK OF CEMENT PER YARD, 0.0 GALLONS OF WATER PER SACK OF CEMENT, TO PERCENT SAND, 30 PERCENT 3/8" GRAVEL, STANDARD 2000 PSI.
8. JOB SITE INSPECTION SHALL COMPLY TO IR020 TITLE 24, C.C.R.

PROOF LOAD TEST FOR EXPANSION TYPE ANCHOR BOLTS

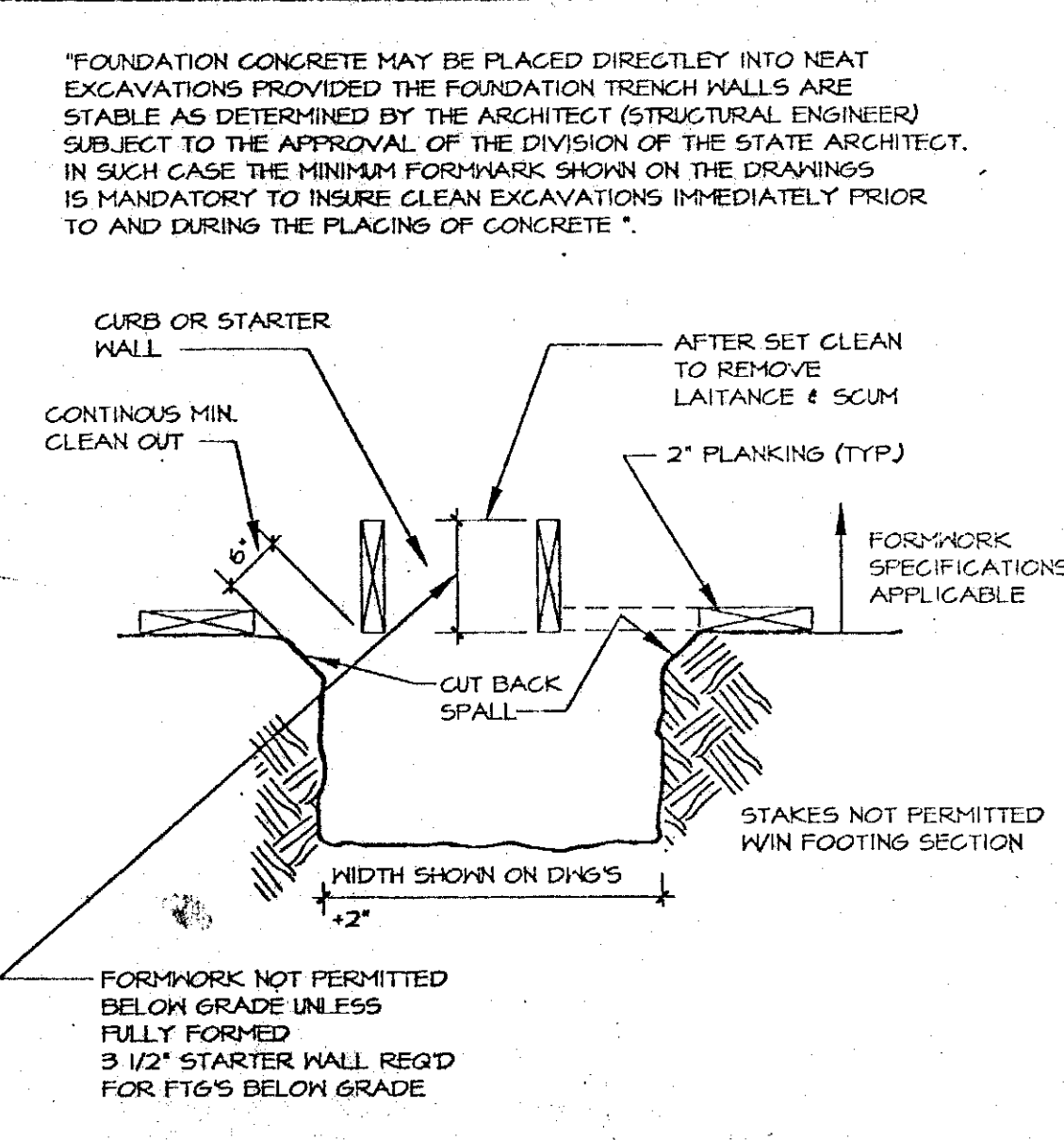
RAVELRUS CONCRETE ANCHOR (I.C.D.O. #4514)

ALL CONCRETE ANCHOR BOLTS OF THE EXPANSION TYPE (LOADED IN EITHER PULLOUT OR SHEAR) SHALL HAVE 50 PERCENT OF THE BOLTS (ALTERNATE BOLTS IN ANY GROUP ARRANGEMENT) PROOF TESTED IN TENSION TO TWICE THE ALLOWABLE TENSION LOAD, IF THERE ARE ANY FAILURES, THE IMMEDIATELY ADJACENT BOLTS MUST THEN ALSO BE TESTED.

BOLT DIA.	CONCRETE STRENGTH	TYPE OF TEST	TORQUE (FT.-LBS.)
5/8"	Fc=2000 psi	DIRECT PULL TENSION = 1800 LBS. SHEAR = 3460 LBS. W/ 2 3/4" EMBED.	100

BUILDING NOTES :

1. BUILDING IS A TEMPORARY RELOCATABLE, FOOTINGS ARE SUBSTANDARD
2. PREPARE 2 CONCRETE TEST CYLINDERS PER EACH 50 CU YARDS OR FRACTION THEREOF.
3. TEST IN COMPRESSION IF DIRECTED BY THE ARCHITECT, STRUCTURAL ENGINEER OR D.S.A. FIELD REPRESENTATIVE.
4. BUILDING PAD SHALL BE PREPARED, LEVELED AND COMPACTED BY THE SCHOOL DISTRICT.
5. CONCRETE CONTRACTOR SHALL VERIFY LOCATION OF ALL SERVICES REQUIRED AND PROVIDE BLOCKOUTS OR ACCESS TO SUCH PRIOR TO TRENCHING, FORMING AND POURING OF CONCRETE.
6. ARCHITECT OR SCHOOL DISTRICT REPRESENTATIVE SHALL BE NOTIFIED AND BE RESPONSIBLE FOR THE LOCATION OF JOBSITES.
7. CONTRACTOR SHALL VERIFY ALL CONDITIONS ON JOB SITE & NOTIFY P.S.I. OF ANY VARIATIONS FROM DIMENSIONS SHOWN ON THESE DRAWINGS BEFORE PROCEEDING WITH ANY CONSTRUCTION.



NOTES

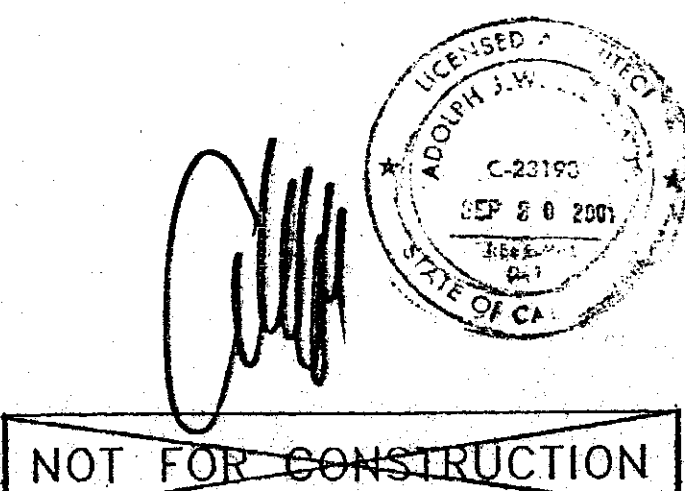
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STRUCTURAL ENGINEER
 ARCHITECT

PROFILE STRUCTURES, INC.
 CONTRACTORS LICENSE # 240071 B1
 13028 DORNBURG RD.
 SANTA FE SPRING, CA. 90670
 (510) 921-2251
 FAX (714) 921-2203

30440750/60'x32' - CLASSROOM BUILDINGS
 RIGID FRAME - BUILT UP ROOF - WOOD/METAL STUDS
 SCALE NOTED APPROVED BY DATE 08/19/16
 DRAWN BY FSV/NGJM
 REVISED 7/23/17
 JOB NO. M99-66
 DRAWING NUMBER PC-295
 F-2A

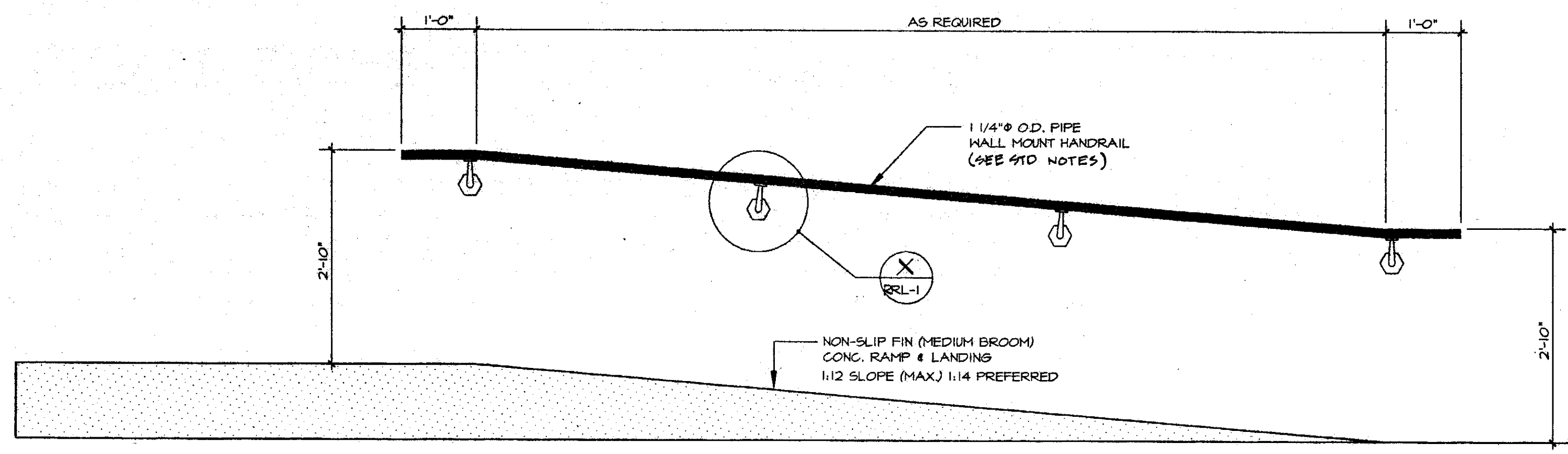
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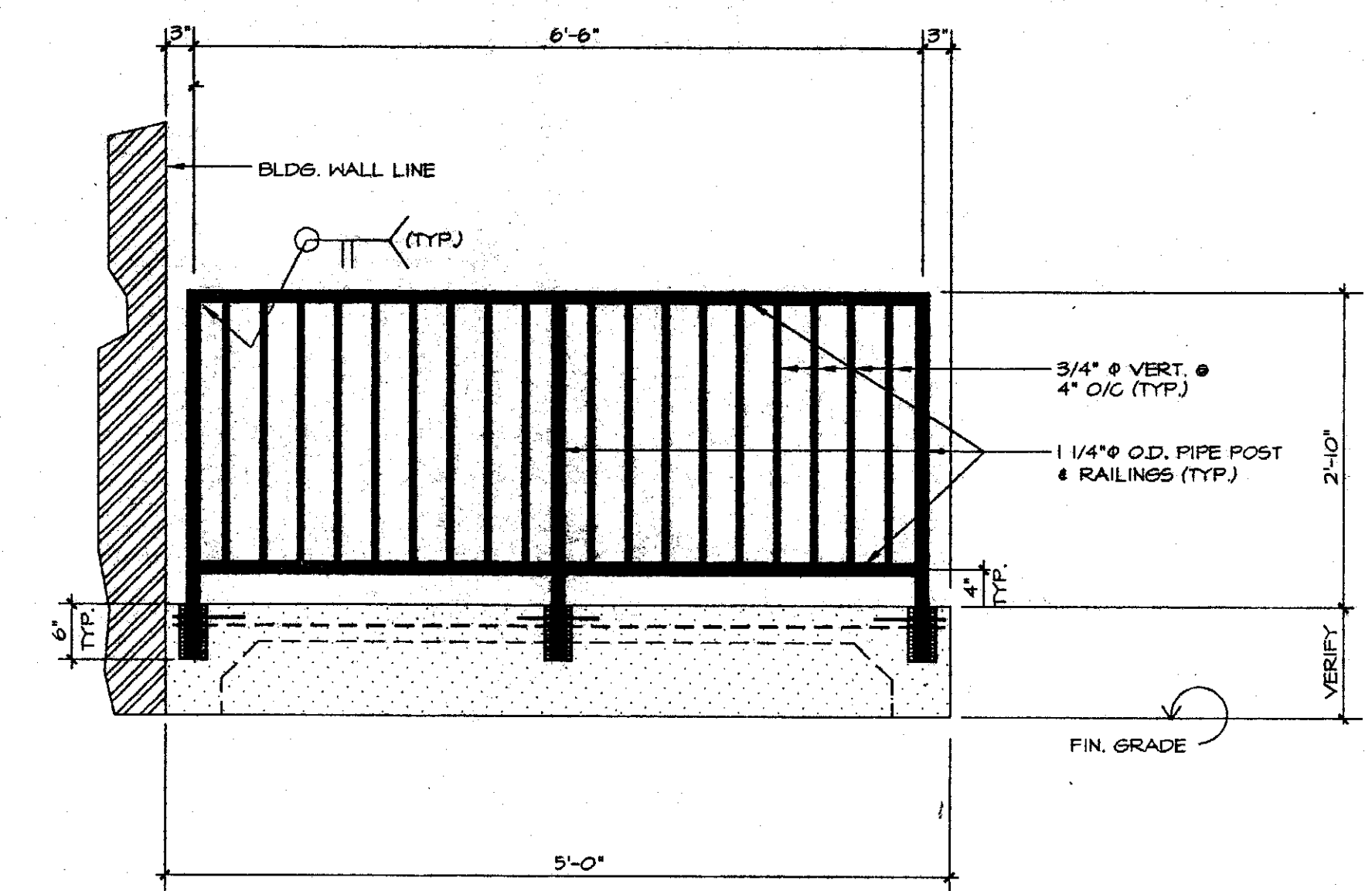
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AZ 940303

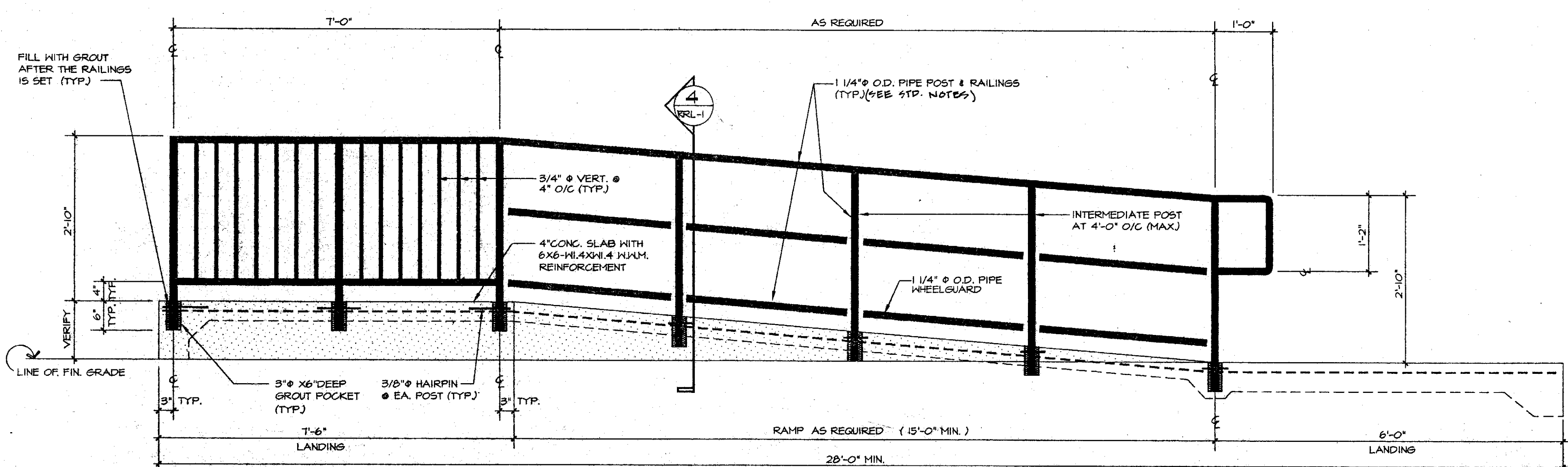
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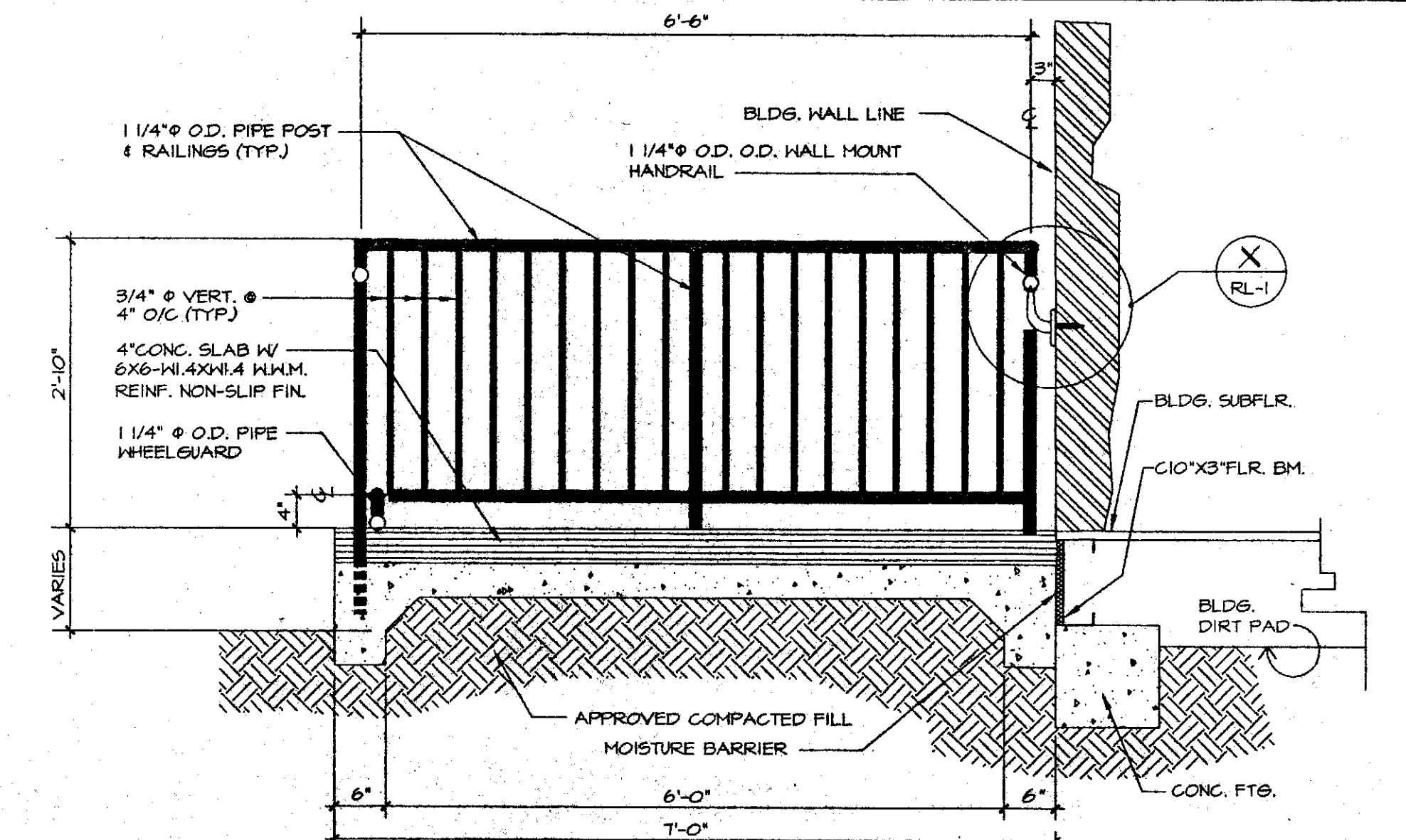
ELEVATION 1 SCALE 3/4"=1'-0"



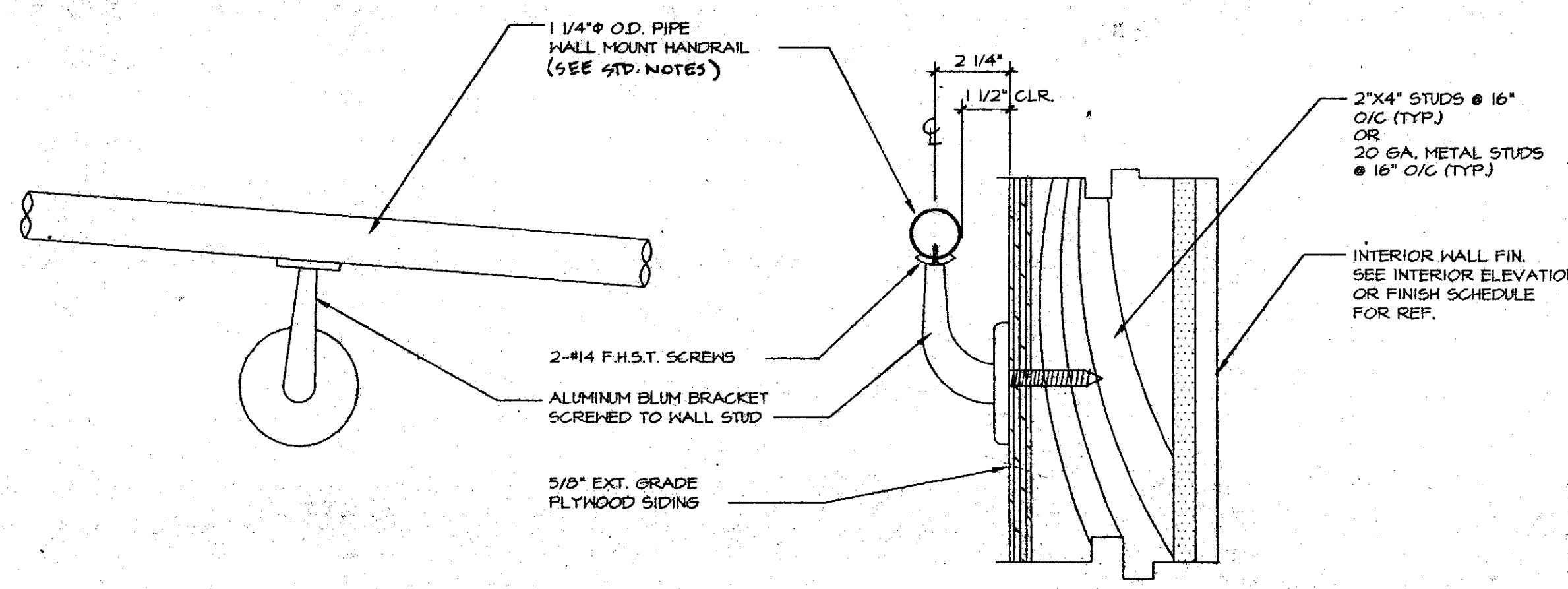
ELEVATION 3 SCALE 3/4"=1'-0"



ELEVATION 2 SCALE 3/4"=1'-0"

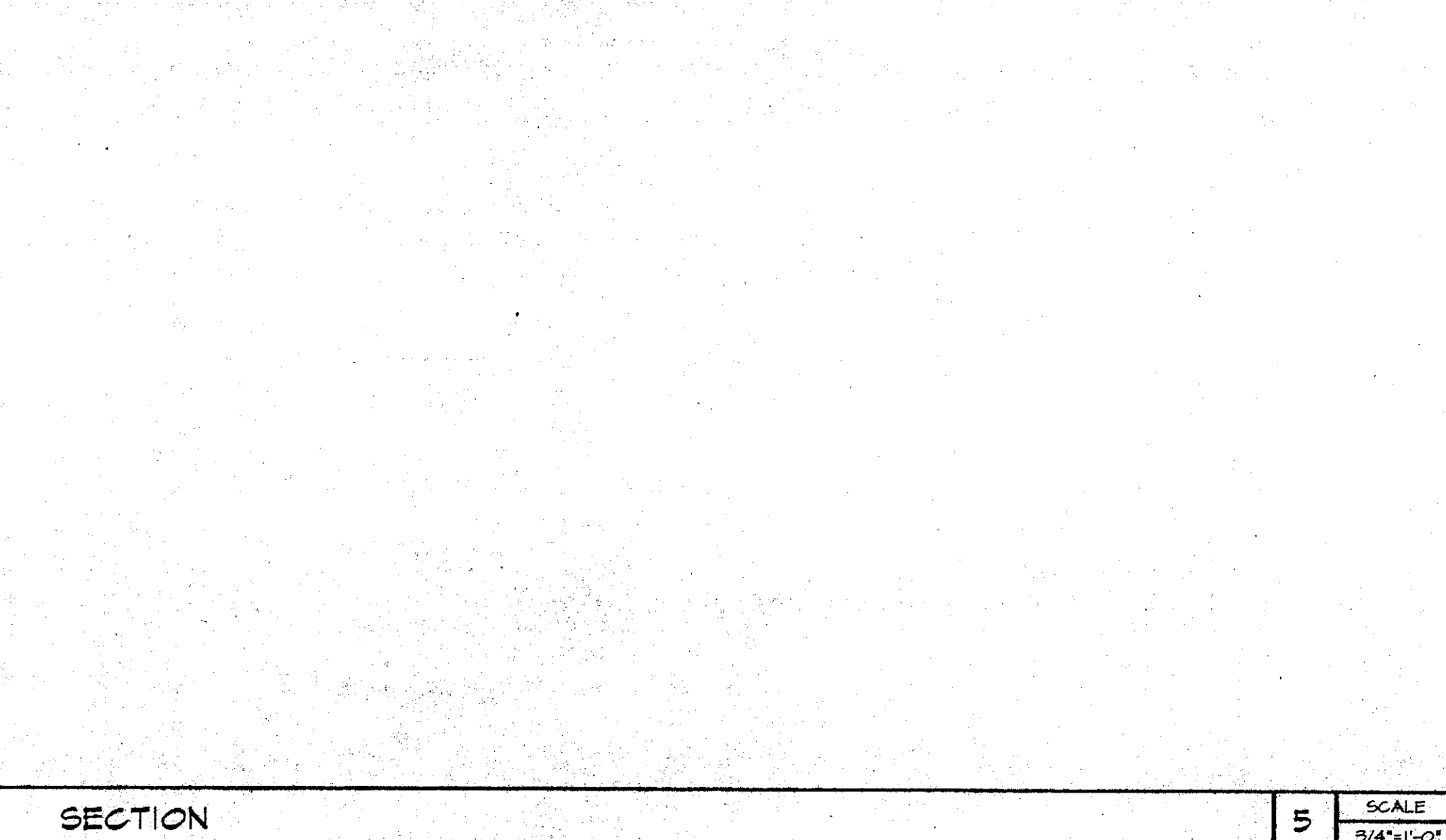


SECTION 4 SCALE 3/4"=1'-0"



DETAIL (BRACKET CONNECTION TO WALL) X SCALE N.T.S.

- STANDARD NOTES:
1. FOR 20 OCCUPANTS, MAX. POST SPACINGS = 7'-0" O/C
 2. FOR 50 OCCUPANTS, MAX. POST SPACINGS = 4'-0" O/C
 3. ALL HANDRAILS & RAILINGS SHALL BE 1 1/4" STD. PIPE OR 1 1/2" x 1 1/2" 16 GA.
 4. ALL POSTS SHALL BE 1 1/4" STD. - SCHED. 80 (K-STRONG) OR 1 1/2" x 1 1/2" 11 GA.



SECTION 5 SCALE 3/4"=1'-0"

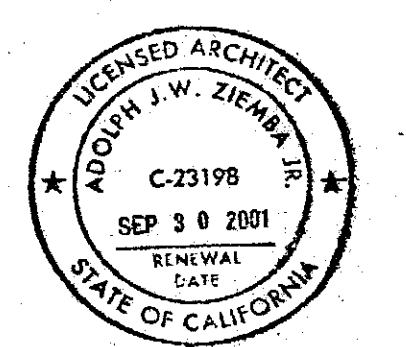
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STRUCTURAL ENGINEER	ARCHITECT	PROFILE STRUCTURES, INC. CONTRACTOR'S LICENSE # 248071 B1	30'x40'x50'x60'x 32' CLASSROOM BUILDINGS RIGID FRAME - BUILT-UP ROOF - WOOD/METAL STUDS
		(562) 921-2251 FAX (562) 921-2253	13828 CARLISLE RD. SANTA FE SPRINGS CA 90670
			SANTANA ALTERNATIVE EDUCATION CENTER ROLAND UNIFIED SCHOOL DISTRICT 1850 NOGALES ST. ROLAND HEIGHTS CA 91145

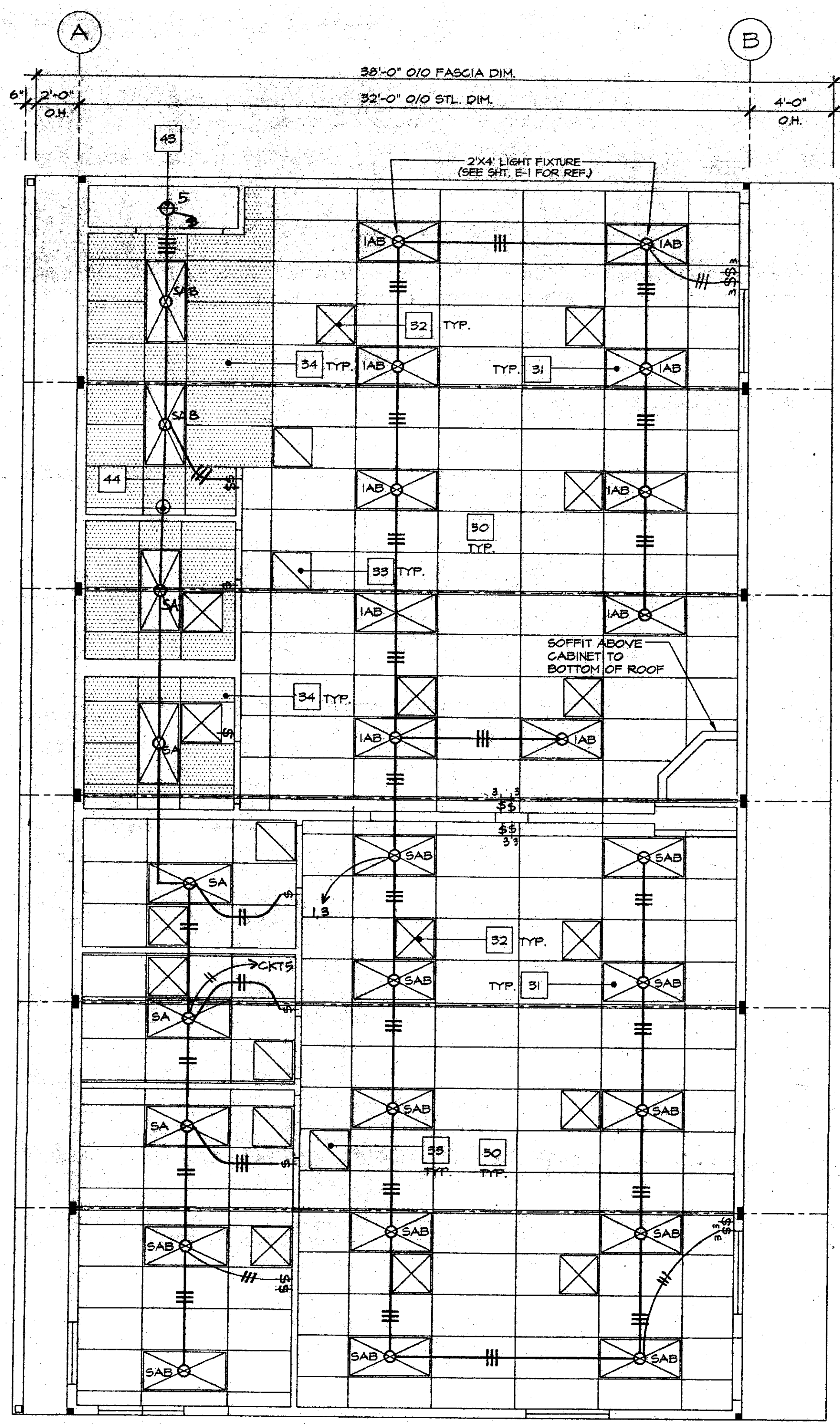
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 AD: JVC
 DATE: NOV 17 1999

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DATE:	REV. #:	DATE:	DESCRIPTION:

JAN 18 2000

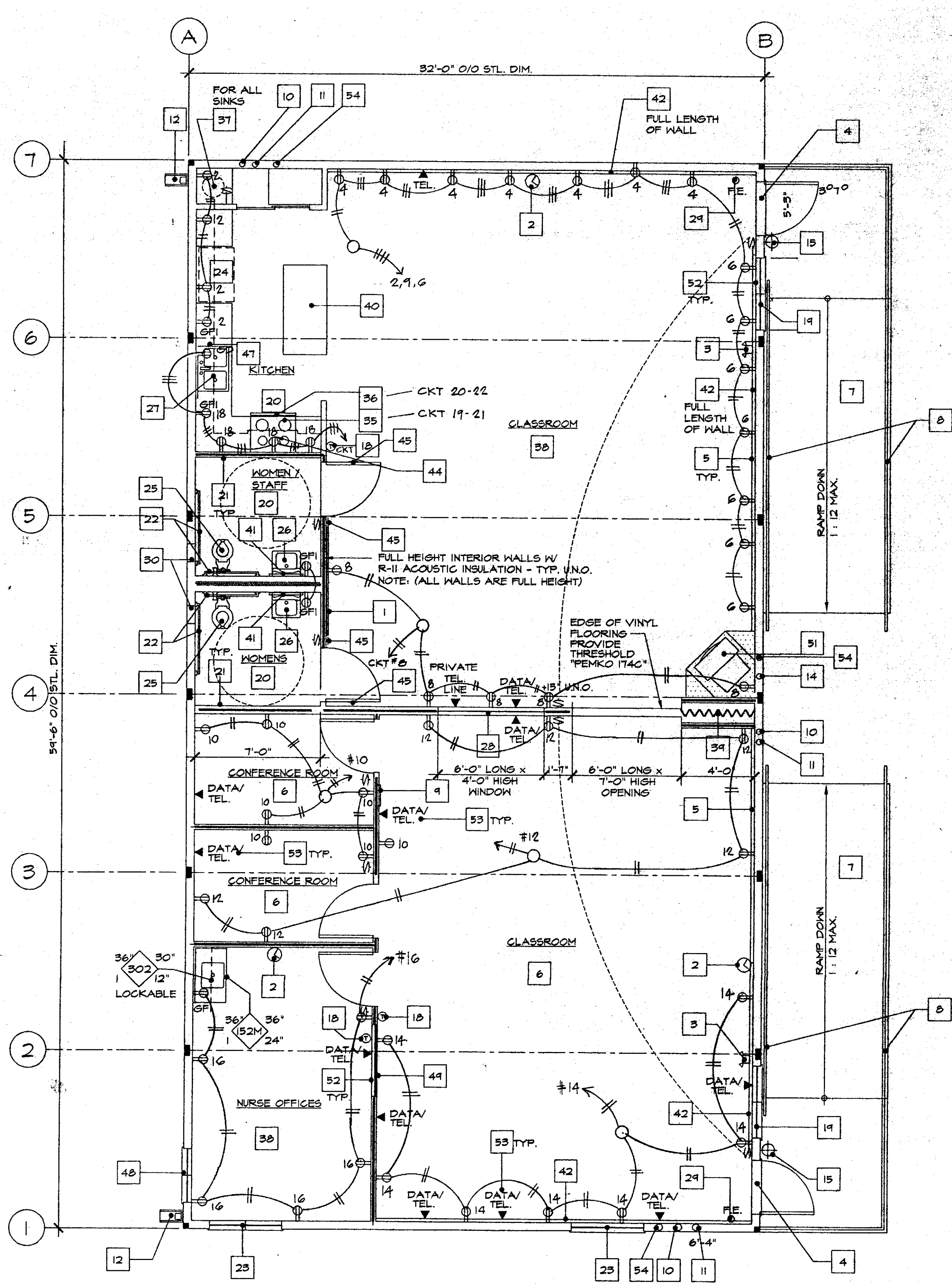


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LIGHTING PLAN

NOTE:
 SEE SHT. A-1 FOR REFERENCE NOTE.



POWER PLAN

PANEL E1		VOLTAGE 120/208		TYPE Murray MAIN MLO		BUS SIZE 200	
LTS	REC	WATTS	REMARKS	Circ. No.	Circ. No.	REMARKS	WATTS
10		1280	Lights	1	2	Outlets	1260
10		1280	Lights	3	4	Outlets	1260
10		1165	Lights	5	6	Outlets	1260
		2800	A.C. #1	7	8	Outlets	1260
		2800	A.C. #1	9	10	Outlets	1260
		2800	A.C. #1	11	12	Outlets	1260
		2800	A.C. #2	13	14	Outlets	900
		2800	A.C. #2	15	16	Outlets	900
		2800	A.C. #2	17	18	Outlets	720
		4800	cooktop	19	20	Oven	3600
		4800	cooktop	21	22	Oven	3600
		1500	water heater	23	24	Gerb. Disp.	800
				25	26		
Total		31,625					18,080

Total watts 49,705 + 931 LCL = 50,636 / 360 = 140A

Fixture Schedule	
Type A-	Metalux 2G432-A125-120 E882
Type B-	Kenall 3636
Type C-	H274 Halo

GROUNDINGS OF METAL BUILDINGS

1. GENERAL: PART 8 OF TITLE 24, CCR, REQUIRES PROPER GROUNDING OF ALL ELECTRICAL CIRCUITS, EQUIPMENT FOR PUBLIC SCHOOLS, HOSPITAL, AND ESSENTIAL SERVICES BUILDINGS, REGARDLESS OF THE TYPE OF CONSTRUCTION.

2. METAL MODULAR BUILDINGS: WHEN METAL BUILDINGS ARE MADE OF COMPONENTS, EACH BUILDING COMPONENT, INCLUDING STEEL FRAMES, MUST BE ELECTRICALLY BONDED TOGETHER IN A MANNER ACCEPTABLE TO DIVISION. PAINT ON THE SURFACE OF STEEL WILL INHIBIT PASSAGE OF ELECTRICAL CURRENT; THEREFORE, BOLTED CONNECTIONS OF COMPONENT PARTS ARE NOT AN ACCEPTABLE ELECTRICAL BOND.

3. WOOD MODULAR BUILDINGS: IN WOOD FRAME MODULAR BUILDINGS, THE ELECTRICAL SYSTEMS MUST BE GROUNDED AS REQUIRED IN PART 8, TITLE 24, CCR.

4. GROUNDING: THE ELECTRICAL CIRCUITS ARE USUALLY PROPERLY GROUNDED; HOWEVER, IT IS ALSO NECESSARY TO INDEPENDENTLY GROUND THE STEEL FRAMES. THIS IS PARTICULARLY IMPORTANT WHEN THE BUILDING IS SUPPORTED ON A FOUNDATION MADE OF WOOD. AN ACCEPTABLE DETAIL IS SHOWN ON THE LEFT OF THIS SHEET.

5. PROJECT INSPECTOR TO WITNESS THE ELECTRICAL GROUNDING TEST.

ALL BUILDING COMPONENTS MUST BE ELECTRICALLY BONDED TOGETHER AND EACH BUILDING MUST BE INDEPENDENTLY GROUNDED. MULTIPLE BUILDINGS ARE NOT TO BE GROUNDED THROUGH THE ELECTRICAL SYSTEM. ALL GROUNDING SYSTEMS ARE TO BE TESTED WITH A MEGGER SET OR IN AN OTHERWISE ACCEPTABLE MANNER. REFER TO SECTION 250-B AND 250-3.3 NATIONAL ELECTRIC CODE, FOR SPECIFIC GROUNDING REQUIREMENTS.

SCHOOL EQUIPMENT ANCHORAGE

ALL MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

FIXED EQUIPMENT ON GRADE 20% OF OPERATING HEIGHT

FIXED EQUIPMENT ON STRUCTURAL 30% OF OPERATING HEIGHT

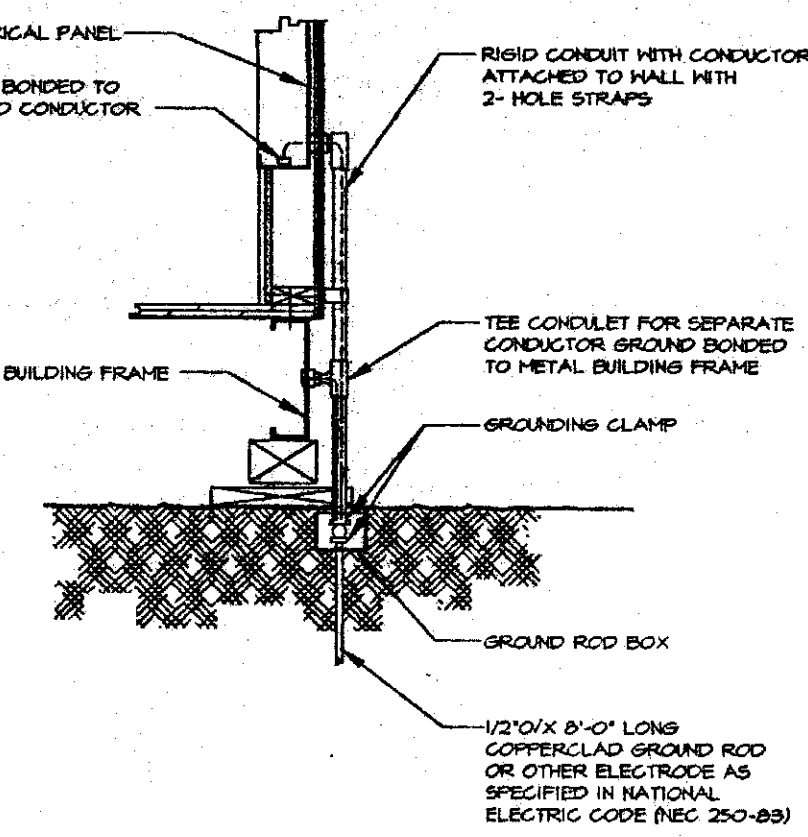
FOR FLEXIBLY MOUNTED EQUIPMENT USE 4X THE ABOVE VALUES

SHALL TABOOR VERTICAL FORCE USE 1/3 X HORIZONTAL FORCE

HERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ELECTRICAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE OFFICE OF THE STATE ARCHITECT.

NOTES:

1. THE TYPE OF FIRE ALARM SYSTEM AND/OR COMPONENTS MAY HAVE TO BE CHANGED DUE TO THE SITE EXISTING CONDITIONS OR INCOMPATIBLE COMPONENTS. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL FOR THIS FIRE ALARM AT ALL SITES.



ACCEPTABLE GROUNDING DETAIL

SCALE 1/4"=1'-0"

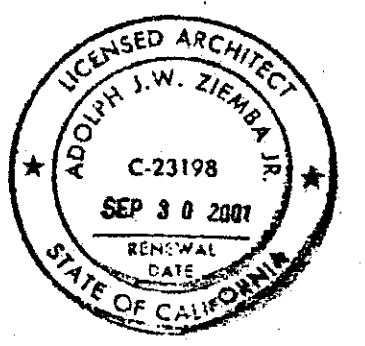
NOTES:

1. SIZE OF CONDUCTORS SHALL COMPLY WITH NEC TABLE 250-145

2. BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL AND TO METAL BUILDING FRAME (NEC 250-81) IN ADDITION TO THE DETAIL SHOWN ABOVE. BOND THE ELECTRICAL GROUND TO METAL WATER PIPE BENEATH AT LEAST 5' OFF INTO THE SOIL IF AVAILABLE (NEC 250-81 & 250-83)

3. ALL JOCKEYS OF METAL FRAME BUILDING SHALL BE ELECTRICALLY BONDED TOGETHER. BUILDING ONLY IS NOT ACCEPTABLE BONDING!

4. CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS INSTALL ADDITIONAL GROUND RODS WITH CONDUCTORS AS SHOWN, SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS (NEC 250-84)



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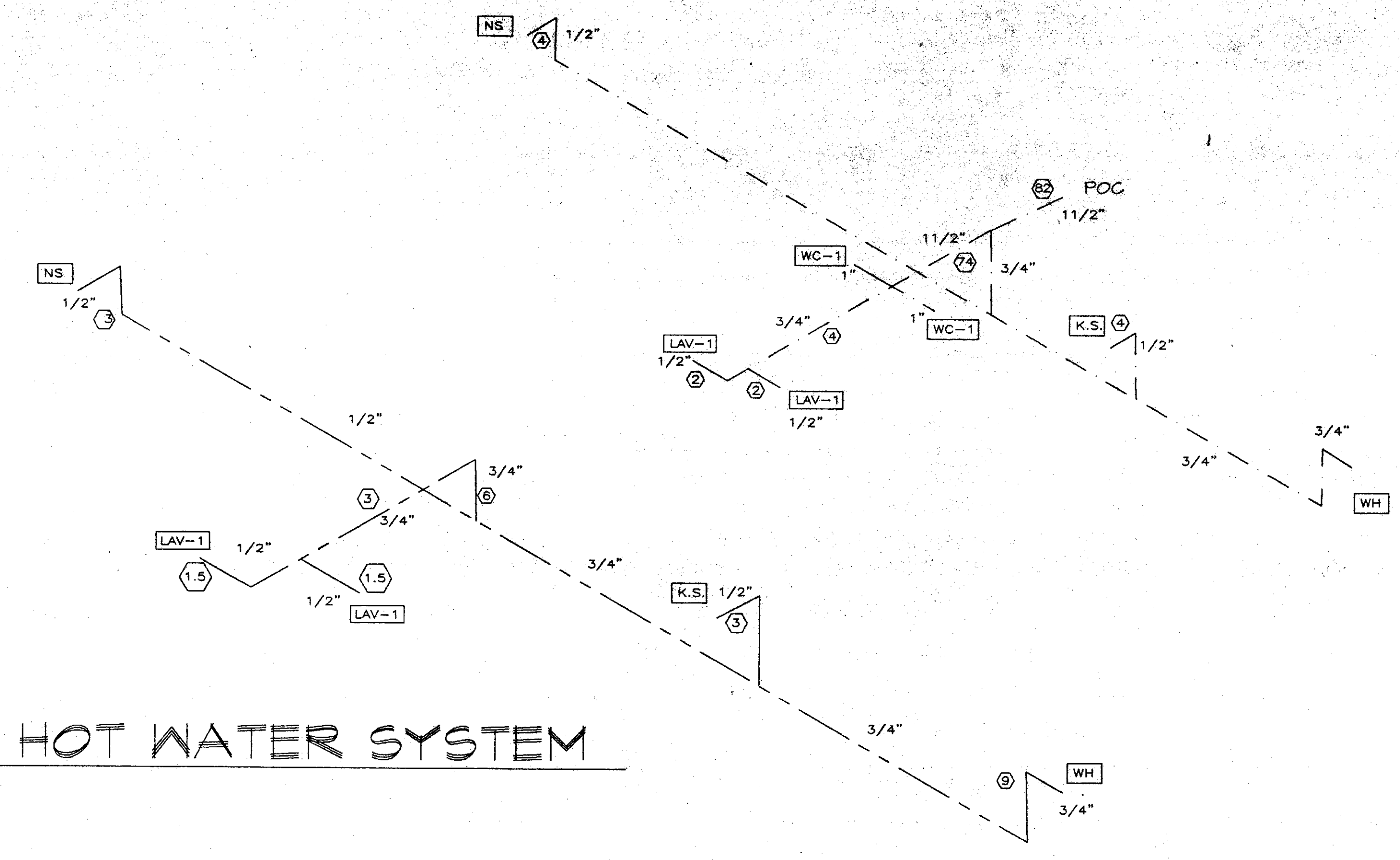
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 CONTRACTOR'S LICENSE # 248051 B1
 (949) 931-2561
 FAX (949) 921-2203
 13828 CARMENITA RD.
 SANTA FE SPRINGS CA 90670

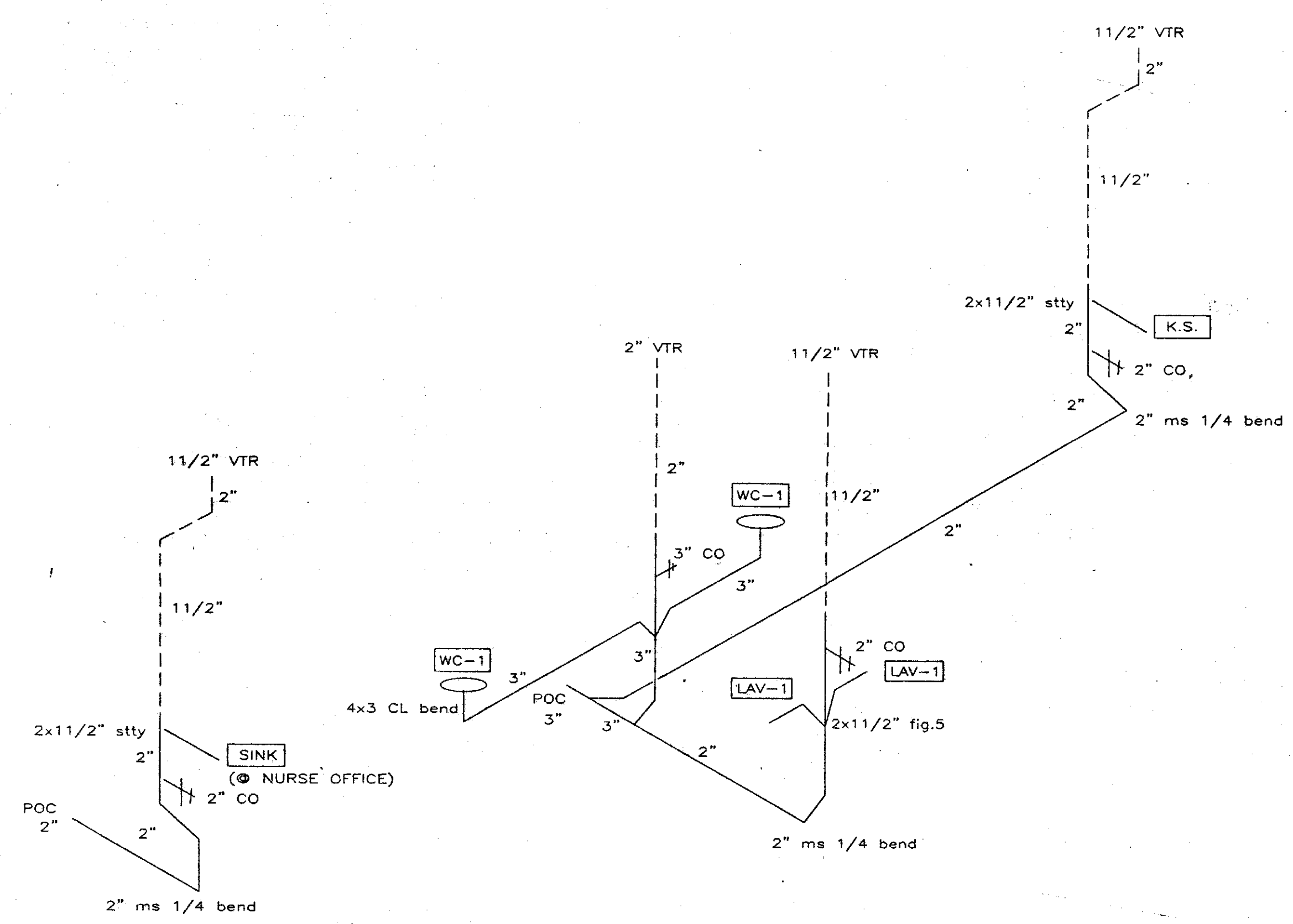
60' x 32' CLASSROOM BUILDING
 RIGID FRAME - BUILT UP ROOF - WOOD STUDS
 SCALE NOTED
 DATE 04/23/99
 APPROVED BY [Signature]
 DRAWN BY RAVI/ZD
 REVISED 11-01-99
 SANTANA ALTERNATIVE EDUCATION CENTER
 RICHLAND UNIFIED SCHOOL DISTRICT
 1860 NOBLES ST. RICHLAND HEIGHTS, GA 31748
 JOB NO. M99-66
 DRAWING NUMBER RE-1

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COLD WATER SYSTEM



HOT WATER SYSTEM



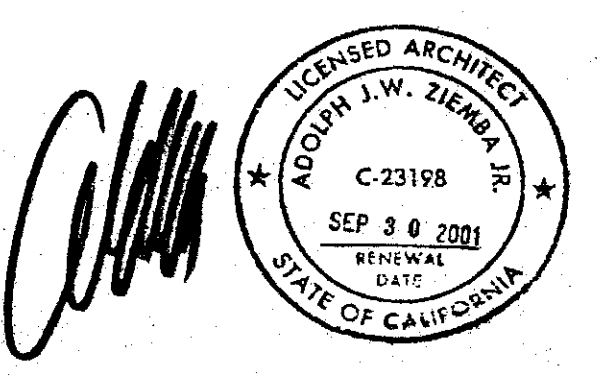
WASTE & VENT SYSTEM

Pipe size	Flush Valve	Non/FV
1/2"	3	0
3/4"	11	0
1"	23	0
1 1/4"	52	
1 1/2"	117	
2"	318	

200' TDL • 46 PSI, 82 FIX. UNITS • 8' FPS

PLUMBING FIXTURE SCHEDULE	MFR/ MODEL #
WC-1 WATER CLOSET FLOOR MOUNTED FLUSH VALVE TYPE ADA COMPLIANT ADULT	AMERICAN STD. CADET NO. 304502 W SEAT
LAV-1 LAVATORY WALL MOUNT VITREOUS CHINA ADA COMPLIANT GRI AT ADA HEIGHT	AMERICAN STD. NO. 039002 LUGERITE 4 CIP. 1/2" SUBSTRCTIONS LAV/ADA FAUCET JAL WHITE SERIES 700 AND CARBURE SUPPORT REGULATION TRAP.
K.S. "LIFT" DEL. COMPARTMENT STAINLESS STEEL STAINLESS STEEL DRAIN CONSTRUCTION OF THE SINK 4" TOP SURFACES POLISHED TO A NON-POROUS HAND - BLEND "LIFT" FIN IN HIGH LIGHTED BOWL. SELF-RISING TOP MOUNT DRIP RIM PLUS W/ 300 SERIES S.S. HOUSING CHANNELS	MODEL # DL - 1839 J-GR 4 1/2" TO 6 1/2" TO APPROPRIATE REINSTALLATION COMPLIANT W/ ADA REQUIREMENTS.
FAUCET SINGLE CONTROL KIT FAUCET BRASS BODY W/ METAL LEVER HANDLE WASH-LESS CERAMIC DISC VALVE CARTRIDGE	MODEL # 4205A00 LESS HANDSPRAY 1/2" MALE TREADED CONNECTORS 4 NTS
FOOD WASTE DISPOSER SHALL BE "IN - SINK - BRATOR"	MODEL PRO-TI W/ 1/2 HP. MOTOR, CORROSION PROTECTION SHIELD.
SINK "LIFT" SINGLE BOWL 8 1/2" DIA. SINK THE DRAIN CONSTRUCTION OF THE SINK INT. 4" TOP SURFACES POLISHED TO A NON-POROUS HAND BLEND "LIFT" FIN IN HIGH LIGHTED BOWL. SELF-RISING TOP MOUNT DRIP RIM PLUS W/ 300 SERIES S.S. HOUSING CHANNELS	MODEL # SLX-2225-A-GR
WH AMERICAN WATER HEATER (PROLONGED) 6 GAL. CAPACITY STORAGE TYPE	MODEL # 781-080-055V

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 DATE: NOV 17 2023



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SCALE 3/16"=1'-0"	FLOOR PLAN	SCALE 1/16"=1'-0"	BRYDEN'S PLUMBING INC. 2151 GLEN IVY DR. GLENDALE, CA. 91206 CONT. LIC. #482609 C-56 C-16		STRUCTURAL ENGINEER	ARCHITECT	PROFILE STRUCTURES, INC. CONTRACTOR'S LICENSE # 248071 B1 13926 CARMENITA RD. (562) 921-2551 FAX (562) 921-2203 SANTA FE SPRINGS CA. 90670	SCALE NOTED	APPROVED BY	DRAWN BY
			DATE 10/06/99	REVISIONS				JOB NO.		
			SANTANA ALTERNATIVE EDUCATION CENTER ROWLAND U.S.D.A.				PLUMBING LAYOUT ISOMETRIC PERSPECTIVE		DRAWING NUMBER P-1	

DIVISION OF THE STATE ARCHITECT IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES		APPL: _____ AC: _____ FLS _____ SS _____ DATE: _____	REV. # DATE DESCRIPTION BY
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JAN 18 2000