

SANTA TERESA ELEMENTARY SCHOOL - MODULAR CLASSROOM ADDITION

SANTA CLARA COUNTY OFFICE OF EDUCATION
6200 ENCINAL DR., SAN JOSE, CALIFORNIA 95119

PTN# 10439-45

ARTiK
ART & ARCHITECTURE

394-A Umbarger Rd
San Jose, CA 95111
Phone 408.224.9890
Fax 408.224.9891
www.ArtikA3.com

GENERAL NOTES

- EXISTING CONSTRUCTION DATA SHOWN ON THE DRAWINGS WAS OBTAINED FROM AVAILABLE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND SHALL NOTIFY THE ARCHITECT OF ALL EXCEPTIONS BEFORE PROCEEDING WITH THE WORK.
- SEE ARCHITECTURAL DRAWINGS FOR LAYOUT DIMENSIONS AND ELEVATIONS EXCEPT WHERE INDICATED OTHERWISE.
- ALL DISCREPANCIES BETWEEN DRAWINGS SHALL BE CLARIFIED WITH THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.
- IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN OR DETAILED ON THE DRAWINGS OR CALLED FOR IN THE GENERAL NOTES, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS SIMILAR CONDITIONS THAT ARE SHOWN OR CALLED FOR.
- DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED ON THE JOB SITE BY EACH CONTRACTOR. ERRORS, OMISSIONS OR DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT BEFORE WORK BEGINS OR SUPPLIES ARE ORDERED.
- VERIFY ELECTRICAL, MECHANICAL, FIRE ALARM, TELEPHONE AND SECURITY REQUIREMENTS BEFORE CONSTRUCTION BEGINS.
- WORK SHALL BE PERFORMED IN CONFORMANCE WITH LOCAL, COUNTY, STATE AND FEDERAL CODES, LAWS, AND REGULATIONS APPLICABLE TO THIS WORK.
- SEPARATE APPLICATION MAY BE REQUIRED FOR ALL N.I.C. ITEMS NOT PART OF DSA APPROVAL.
- PURSUANT TO CCR TITLE 19, SUBCHAPTER 1, ARTICLE 3.05-ACCESS ROADS AND ARTICLE 3.16-GATE ENTRANCES TO SCHOOL GROUNDS: IT IS NECESSARY TO PROVIDE FIRE & LIFE SAFETY AT DSA WITH WRITTEN CERTIFICATION FROM THE LOCAL FIRE AUTHORITY THAT THE ABOVE SECTIONS ARE BEING MET TO THEIR SATISFACTION. IT IS NECESSARY TO PROVIDE THIS INFORMATION PRIOR TO RECEIVING APPROVAL BY FIRE & LIFE SAFETY. IF FURTHER INFORMATION IS DESIRED, PLEASE CONTACT FIRE & LIFE SAFETY AT (610) 622-3101.
- ANY ITEM IDENTIFIED TO BE DEMOLISHED, REMOVED OR RELOCATED IS TO BE COMPLETELY REMOVED, INCLUDING BUT NOT LIMITED TO ANY CONCEALED ITEMS (PIPES, CURBS, FRAMING, BEAMS, FASTENERS, ETC.). ALL ITEMS WITHIN A DEMOLISHED AREA THAT MUST BE RETROFITTED IN ORDER TO MAINTAIN CONTINUITY SHALL BE DONE SO IN ACCORDANCE WITH APPROPRIATE SPECIFICATION SECTIONS IN THE PROJECT MANUAL AT NO ADDITIONAL COST. IF NO SPECIFICATION CAN BE FOUND WITHIN THE PROJECT MANUAL, THEN CONTINUITY SHALL BE MAINTAINED BY CURRENT STANDARD METHODS FOR CONSTRUCTION BUT NOT LESSER IN QUALITY THAN EXISTING. ANY AREA OF DEMOLITION OR REMOVAL SHALL BE LEFT IN A COMPLETELY FINISHED CONDITION AS OUTLINED IN THE PROJECT MANUAL.
- ALL CASE WORK TO BE ATTACHED TO WALLS AND FLOORS AS INDICATED ON DRAWINGS. IF NO SPECIFIC DETAIL IS REFERENCED, USE THE DETAILS REFERENCED FOR SIMILAR CONDITIONS ON OTHER CASEWORK.
- FOOD HANDLING FACILITIES SHALL COMPLY WITH LOCAL/ COUNTY HEALTH DEPARTMENT REQUIREMENTS.
- ALL ITEMS LISTED AS N.I.C. ARE NOT PART OF THIS DSA APPROVAL.

ADMINISTRATIVE REQUIREMENTS

- A COPY OF PARTS 1-5 AND 9, TITLE 24, C.C.R. SHALL BE KEPT ON THE JOB SITE AT ALL TIMES.
- CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24.
- TESTS OF MATERIALS SHALL AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335, PART 1, TITLE 24 AND THE DISTRICT SHALL EMPLOY AND PAY THE LABORATORY. COSTS OF RE-TEST SHALL BE PER GENERAL CONDITIONS.
- DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF CONCRETE PER SECTION 4-331, PART 1, TITLE 24.
- INSPECTOR SHALL BE APPROVED BY DSA AND EMPLOYED BY DISTRICT. INSPECTION SHALL BE IN ACCORDANCE WITH SECTION 4-333(b). THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-342, PART 1, TITLE 24.
- SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH SECTION 4-334, PART 1, TITLE 24.
- CONTRACTOR, INSPECTOR, ARCHITECT, AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (FORM SSS-6) IN ACCORDANCE WITH SECTIONS 4-335 AND 4-343, PART 1, TITLE 24.
- THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTIONS 4-333(a) AND 4-341, PART 1, TITLE 24.
- THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH SECTIONS 4-335 AND 4-343, PART 1, TITLE 24.
- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHERE IN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CONSTRUCTION CHANGE DOCUMENT OR SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK.
- CHANGES TO THE STRUCTURAL, ACCESSIBILITY OR FIRE & LIFE SAFETY PORTIONS OF THE APPROVED PLANS AND SPECIFICATIONS AFTER THE WORK HAS BEEN LET SHALL BE MADE BY A CONSTRUCTION CHANGE DOCUMENT (CCD) AS REQUIRED IN SECTION 4-338, PART 1, C.C.R. AND SHALL BE SUBMITTED TO BE APPROVED BY DSA PRIOR TO COMMENCEMENT OF THE WORK. CONSTRUCTION CHANGE DOCUMENTS (CCDs) SHALL BE PREPARED AND SUBMITTED TO DSA IN COMPLIANCE WITH DSA INTERPRETATION REGULATION IR A-6.

ABBREVIATIONS

A.C. ACCESS.	ASPHALT CONCRETE ACCESSIBLE ABOVE FINISH FLOOR	GYP. H.B. I.D. IN. INFO. INSUL. LAV. MAX. MTL. MFR. M.H. MIN. MISC. (N) N/A N.I.C. N.T.S. O.C. O.D. OPP. PAV. P.D.F.	GYPSUM HOSE BIB INSIDE DIAMETER INCH INFORMATION INSULATION LAVATORY MAXIMUM METAL MANUFACTURER MAN HOLE MINIMUM MISCELLANEOUS NEW NOT APPLICABLE NOT IN CONTRACT NOT TO SCALE ON CENTER OUTSIDE DIAMETER OPPOSITE PAVING POWDER DRIVEN FASTENER PLATE PAPER TOWEL DISPENSER RADIUS REFRIGERATOR ROOM ROOM DRAIN REQUIRED REFLECTED CEILING PLAN REVEAL RAIN WATER LEADER SEE ARCHITECTURAL DRAWINGS SOLID CORE SOAP DISPENSER SECTION SHEET SIMILAR SHEET METAL SCREW SPECIFICATION STANDARD STEEL STRUCTURAL SEE STRUCTURAL DRAWINGS TOP OF CURB TELEPHONE TOP OF PARAPET TOP OF PAVEMENT TOILET PAPER DISPENSER TOP OF WALL TYPICAL UNLESS OTHERWISE NOTED VERIFY IN FIELD WITH WATER CLOSET WOOD WITHOUT WATERPROOF WATER RESISTANT WEATHER STRIPPING
ARCH. ASSEM. BD. BLDG. BLK. BLKG. CAB. C.B. CEM. CER. C.I. C.J. CLR. CLKG. COL. CONC. CONF. CONN. CONT. CORR. C.P.F.	ARCHITECTURAL ASSEMBLY BOARD BUILDING BLOCK BLOCKING CABINET CATCH BASIN CEMENT CERAMIC CAST IRON CONTROL JOINT CLEAR CALKING COLUMN CONCRETE CONFERENCE CONNECTION CONTINUOUS CORRIDOR CEMENT PLASTER FINISH SYSTEM COUNTERSINK CENTER COLD WATER DOUBLE DRINKING FOUNTAIN DETAIL DIMENSION DOWN DOWN DOOR DOWNSPOUT DRAWING EACH EXPANSION JOINT ELEVATION ELECTRICAL EQUAL EXISTING EXTERIOR EXPANSION FIRE ALARM FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE HYDRANT FLAT HEAD WOOD SCREW FINISH FINISH FLOOR FIRE PROTECTION FOOT GAUGE GALVANIZED GRAB BAR GALVANIZED IRON GYPSUM WALL BOARD	PL. P.T.D. RAD. REF. RM. R.D. REQ. R.C.P. RVL. R.W.L. S.A.D. S.C. S.D. SEC. SHT. SIM S.M.S. SPEC. STD. STL. STRUCT. S.S.D. T.C. TEL T.O.P. T.P. T.P.D. T.W. TYP U.O.N. V.I.F. W/ W.C. WD. W/O W.P. W.R. W.S.	

SCOPE OF WORK

DSA submittal includes, but is not limited to, the following:
DEMOLITION OF (2) EXISTING PORTABLES AND ADDITION OF A NEW PORTABLE & ASSOCIATED SITE WORK.

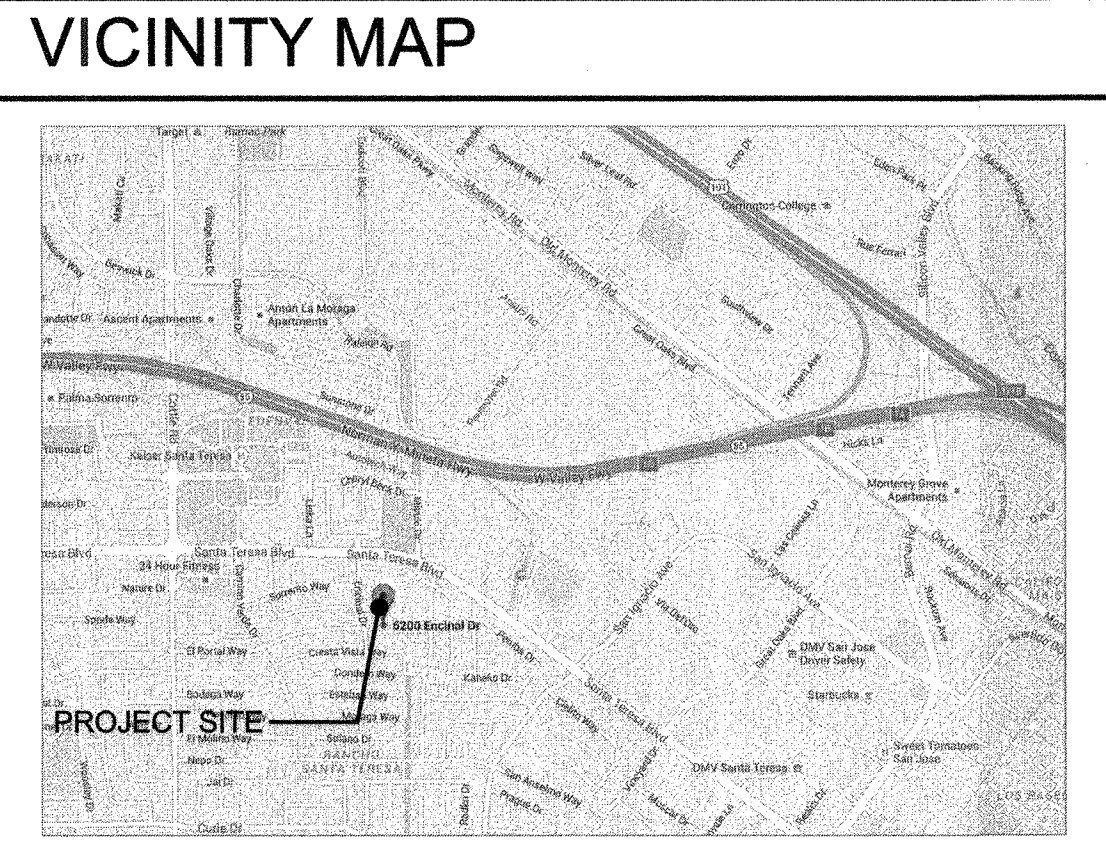
DELEGATION OF RESPONSIBILITY

THESE DRAWINGS AND/OR SPECIFICATIONS AND/OR CALCULATIONS FOR THE ITEMS LISTED BELOW HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. THESE DOCUMENTS HAVE BEEN EXAMINED BY ME FOR DESIGN INTENT AND APPEAR TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME.

THE ITEMS LISTED BELOW HAVE BEEN COORDINATED WITH MY PLANS AND SPECIFICATIONS AND ARE ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT FOR WHICH I AM THE INDIVIDUAL DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE (OR FOR WHICH I HAVE BEEN DELEGATED RESPONSIBILITY FOR THIS PORTION OF THE WORK). ITEMS REVIEWED AND ACCEPTED ARE THE FOLLOWING DRAWINGS AS LISTED IN THE DELEGATED DRAWING SHEET INDEX ON THIS PAGE.

Martin Hochroth
Signature of the Architect
MARTIN HOCHROTH
License # C-22312
Exp. Date 03-2017

04.08.16
Date



GOVERNING CODES

2013 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 CCR
2013 CALIFORNIA BUILDING CODE (CBC) PART 2, TITLE 24 CCR (2012 IBC WITH 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR (2011 NATIONAL ELECTRICAL CODE WITH 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR (2012 UNIFORM MECHANICAL CODE WITH 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (2011 UNIFORM PLUMBING CODE WITH 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
2013 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR (2012 INTERNATIONAL FIRE CODE WITH 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA EXISTING BUILDING CODE, PART 10, TITLE 24 CCR (2012 INTERNATIONAL EXISTING BUILDING CODE & 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA "GREEN" BUILDING REQUIREMENTS, PART 11, TITLE 24 CCR (PENDING ADOPTION)
2013 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR
TITLE 19 C.C.R., PUBLIC SAFETY, SFM REGULATIONS
2013 NFPA 13 INSTALLATION OF SPRINKLER SYSTEMS
2013 NFPA 14 INSTALLATION OF STANDPIPE, PRIVATE HYDRANT AND HOSE SYSTEMS
2013 NFPA 17 DRY CHEMICAL EXTINGUISHING SYSTEMS
2013 NFPA 17A TO A UL 300 CLASS I HOOD FIRE SUPPRESSION SYSTEM. (WET CHEMICAL EXTINGUISHING SYSTEMS)
2013 NFPA 20 INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION
2013 NFPA 24 INSTALLATION OF PRIVATE SERVICE MAINS AND THEIR APPURTENANCES
2013 NFPA 72 NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED) (NOTE SEE UL STANDARD 1971 FOR "VISUAL DEVICES")

2006 NFPA 253 CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS
2012 NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS
2007 ASME 17.1 ELEVATOR STANDARD
REFERENCE CODE SECTIONS APPLICABLE STANDARDS - 2013 CBC CHAPTER 35 AND 2013 CFC CHAPTER 80
AMERICAN WITH DISABILITIES ACT AND 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
28 CFR PART 39 APPENDIX A

PATH OF TRAVEL DEFINITION

Accessible path of travel as indicated on plan is a barrier free access route without any abrupt level changes exceeding 1/2" if beveled at 1:2 maximum slope, or vertical level changes not exceeding 1/4" maximum and at least 48" in width. Surface is stable, firm, and slip resistant. Cross slope shall not be steeper than 1:48 and slope in the direction of travel shall not be steeper than 1:20. 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.

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 NONCOMPLIANT 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.

SYMBOL LEGEND

ROOM IDENTIFICATION	1	GRID IDENTIFICATION
CLASSROOM	Room Name Room Number Sheet # Where Interior Elevations are Located	BUILDING SECTION
DEMOLITION KEY NOTE NUMBER	01	DETAIL CUT
KEY NOTE NUMBER	01	REVISION
PARTITION TYPE	A	
CASEWORK IDENTIFICATION	36-34 100-24	
CEILING HEIGHT	10'-0"	
WINDOW TYPE	A	
DOOR IDENTIFICATION	A101.1	NORTH ARROW
CONTROL POINT		

PROJECT DIRECTORY

ARCHITECT	ARTIK ART & ARCHITECTURE 394-A UMBARGER ROAD SAN JOSE, CA 95111 (408)224-9890 (408)224-9891 (FAX)
CLIENT	SANTA CLARA COUNTY OFFICE OF EDUCATION 1290 RIDDER PARK DR. SAN JOSE, CA 95131 (408) 453-4310
CIVIL ENGINEER	UNDERWOOD & ROSENBLUM, INC. 1630 OAKLAND ROAD, SUITE A114 SAN JOSE, CA 95131 408-453-1222 408-453-1207 (FAX)
ELECTRICAL ENGINEER	ALFA TECH 97 E. BROKAW ROAD, SUITE 300 PALO ALTO, CA 95112 408-487-1200 408-487-1422 (FAX)

DELEGATED DWG. SHEETS

AMERICAN MODULAR SYSTEM REFERENCE PC 264

TS	TITLE AND BUILDING DATA NOTES
N1.0	GENERAL NOTES
N2.0	GENERAL NOTES
EN.1	ENERGY CALCULATIONS
EN.2	ENERGY CALCULATIONS
EN.3	ENERGY CALCULATIONS
EN.4	ENERGY CALCULATIONS
EN.5	ENERGY CALCULATIONS
EN.6	ENERGY CALCULATIONS
A1.0	TYPICAL FLOOR PLAN
A2.0	ROOF PLAN
A2.1	ROOF DETAILS
A4.0	INTERIOR ELEVATIONS - TYPICAL CLASSROOM
A5.0	TYPICAL EXTERIOR ELEVATIONS - DURATEMP 303 OPTION
A5.1	TYPICAL ARCHITECTURAL DETAILS - DURATEMP 303 OPTION
A7.0	ARCHITECTURAL OPTIONS DETAILS
A7.2	MISCELLANEOUS ARCHITECTURAL DETAILS

STRUCUTRAL

S0.0	STEEL MEMBER PROPERTIES
S2.1	WOOD FOUNDATION PLAN - 50 PSF LL. + 15 PSF P.L.
S2.4	WOOD FOUNDATION DETAILS
S3.0	FLOOR FRAMING PLAN - PLYWOOD OR STRUCTO-CRETE
S4.0	ROOF FRAMING PLAN & DETAILS - OPEN SOFFIT OPTION
S4.2	ROOF FRAMING DETAILS
S5.0	MOMENT FRAME ELEVATIONS & DETAILS
S5.1	MOMENT FRAME CONNECTION DETAILS
S6.0	TYPICAL LONGITUDINAL & TRANSVERSE FRAME ELEVATIONS
S8.0	WOOD STUD WALL FRAMING ELEVATIONS & SCHEDULES
S8.1	WOOD STUD WALL FRAMING DETAILS
S10.0	RAMP PLANS & NOTES
S10.1	RAMP DETAILS

MECHANICAL

M1.0	TYPICAL REFLECTED CEILING PLAN
M1.4	MECHANICAL BUILDING SECTIONS & CEILING DETAILS
M1.5	CEILING & MECHANICAL DETAILS
M1.6	MECHANICAL ROOF DETAILS
M1.7	CEILING & MECHANICAL NOTES, SCHEDULES

ELECTRICAL

E1.0	TYPICAL ELECTRICAL PLAN
E1.2	ELECTRICAL NOTES, PANEL LAYOUT DETAILS

PLUMBING

P2.0	PLUMBING DETAILS & ACCESSIBLE DETAILS
P3.0	PLUMBING ISOMETRIC DRAWINGS

TMP SERVICES

1	COVER SHEET
2	ACCESSIBLE RAMP ELEVATIONS & DETAILS
3	ACCESSIBLE RAMP DETAILS & NOTES
4	DETAILS & NOTES
5	ACCESSIBLE RAMP SWITCH BACK DETAILS
6	STAIRS - OPTIONAL
7	ACCESSIBLE RAMP OPTIONAL ALUMINUM DECK
8	ACCESSIBLE RAMP ELEVATIONS & PLAN VIEWS

Consultant Seal

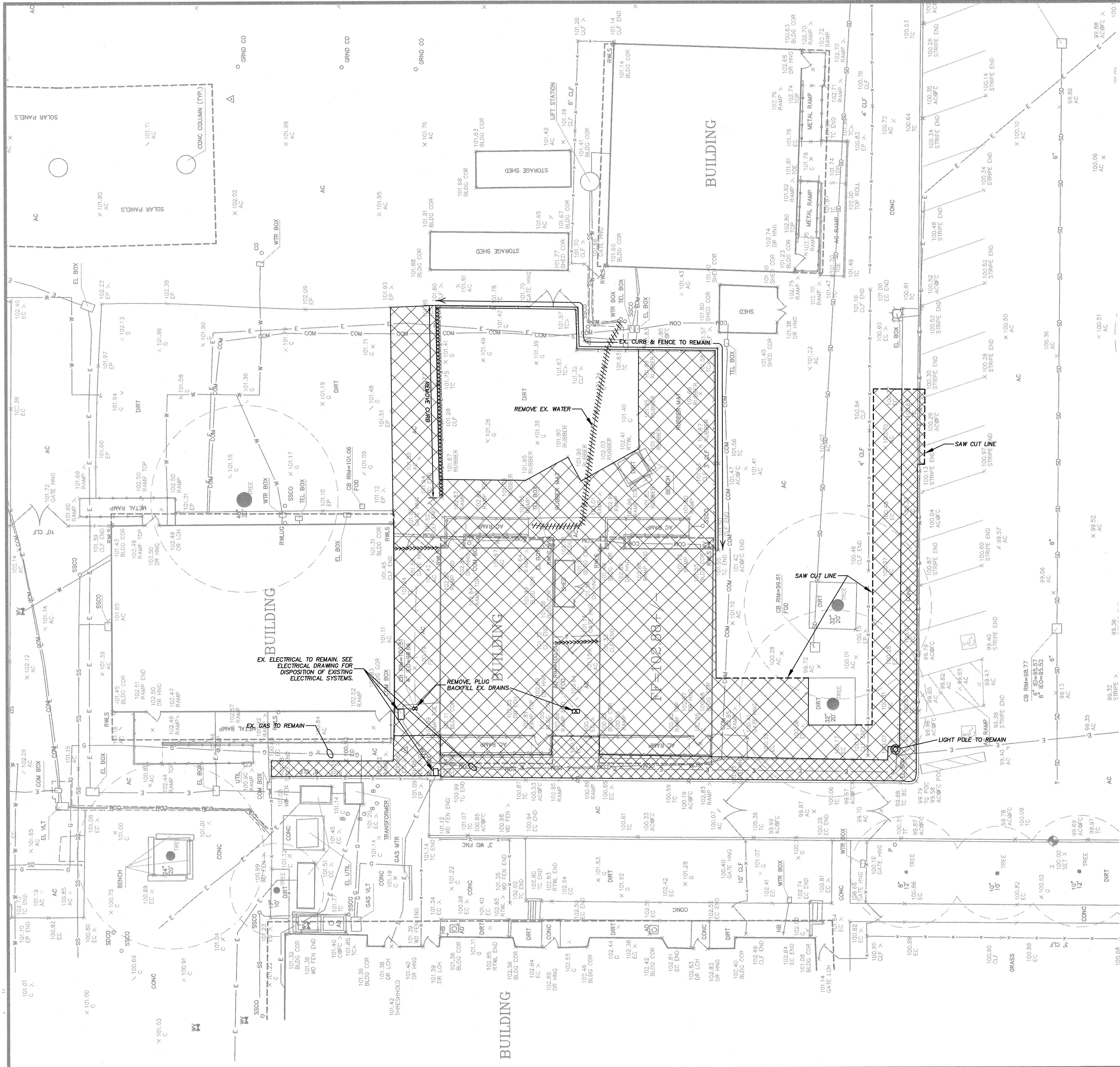
Legend

Key Plan

Project Title

SANTA TERESA ELEMENTARY SCHOOL
MODULAR CLASSROOM ADDITION
6200 ENCINAL DRIVE
SAN JOSE, CA 95119
SANTA CLARA COUNTY OFFICE OF EDUCATION

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	04/08/2016
Drawing Title		
TITLE SHEET		
Regulatory Agency Approval	Identification Stamp	Architect Seal
	01-115705 AC [Signature] ss [Signature] DATE APR 08 2016	[Seal]
File Number	Application Number	Drawing No
	06205	A0.01
Project No.	Date	
06205	04/08/16	

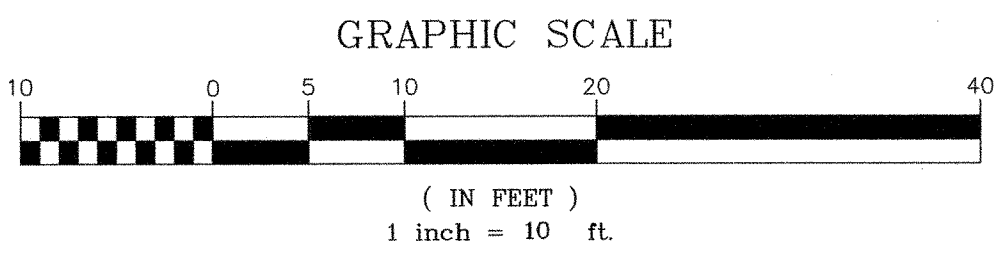
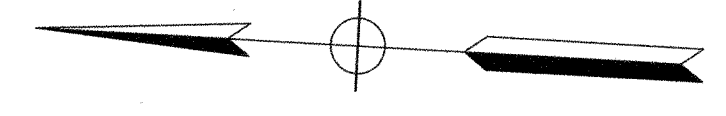


GENERAL NOTES

1. THE CONTRACTOR SHALL LAY OUT THE WORK, SETTING GRADE STAKES, ESTABLISHING LINES, BASE LINES, ELEVATIONS AND OTHER REFERENCE MARKERS AND INFORMATION NECESSARY TO COMPLETE THE WORK AND SHALL BE RESPONSIBLE FOR THE ACCURACY THEREOF.
2. ANY INCONSISTENCIES IN EXISTING OR PROPOSED ELEVATIONS SHALL BE BROUGHT TO THE NOTICE OF THE OWNER'S REPRESENTATIVE FOR RESOLUTION PRIOR TO CONSTRUCTION OR AS SOON AS DISCOVERED.
3. IN THE EVENT THAT ANY UNKNOWN UNDERGROUND TANKS OR STRUCTURES OR UTILITY LINES ARE DISCOVERED ON THE SITE, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE TO DETERMINE THE DISPOSITION OF THE STRUCTURE.
4. CONTRACTOR SHALL IMPORT REQUIRED MATERIALS OR EXPORT EXCESS AS REQUIRED TO ESTABLISH PLAN GRADES. EXCESS MATERIAL IF ANY SHALL BE DISPOSED OFF-SITE IN A LEGAL MANNER AT CONTRACTOR'S EXPENSE.
5. EXISTING WATER, STORM AND SANITARY INVERTS SHALL BE EXPOSED AND VERIFIED PRIOR TO ANY NEW CONSTRUCTION.
6. CONTRACTOR SHALL SALVAGE ALL IRRIGATION SPRINKLER HEADS & CONTROLS, AND TURN THEM OVER TO THE SCHOOL DISTRICT UNHARMED. THE SCHOOL DISTRICT SHALL BE RESPONSIBLE FOR REDESIGNING AND RECONSTRUCTION OF IRRIGATION SYSTEMS. HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING, CAPPING OFF, AND SHUTTING OFF OF EXISTING IRRIGATION LINES AS NECESSARY TO DO THEIR WORK.

THE FOLLOWING SECTIONS OF THE STANDARD SITE WORK SPECIFICATIONS FOR THE CONSTRUCTION OF THIS PROJECT ARE APPLICABLE TO THE WORK SHOWN ON THIS DRAWING:

SECTION 311000 - SITE CLEARING



DEMOLITION LEGEND

- REMOVE EXISTING CONCRETE PAVEMENT
- REMOVE EXISTING ASPHALT PAVEMENT
- XXXXXXXXXXXXXXXXXXXX REMOVE EXISTING CURB
- ===== REMOVE EXISTING FENCE
- /////// REMOVE EXISTING UNDERGROUND UTILITY
- LIMIT OF SITE DEMOLITION, CLEARING AND GRADING
- SAW CUT LINE
- AC ASPHALT CONCRETE
- AD AREA DRAIN
- CB CATCH BASIN
- CO CLEAN OUT
- CONC. CONCRETE
- EX., EXIST. EXISTING
- TYP. TYPICAL



394-A Umbarger Rd
San Jose, CA 95111
Phone 408.224.9890
Fax 408.224.9891
www.Artika3.com

Consultant Seal

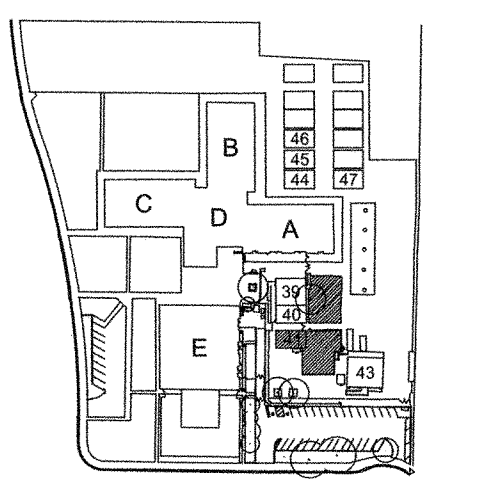


Legend



PROJECT NO. J15116 PLOT DATE: 4-7-2016

Key Plan



Project Title

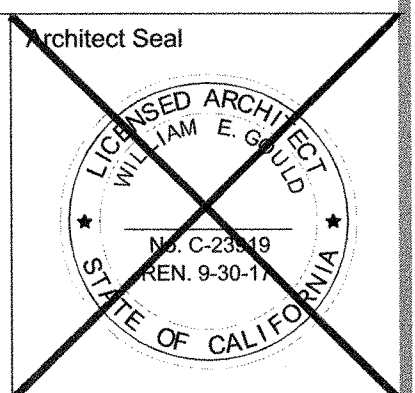
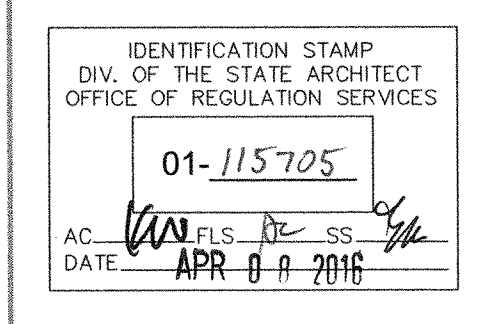
**SANTA TERESA
ELEMENTARY SCHOOL
MODULAR CLASSROOM ADDITION**
6200 ENCINAL DRIVE
SAN JOSE, CA 95119
SANTA CLARA COUNTY
OFFICE OF EDUCATION

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	04/08/2016

Drawing Title

SITE DEMOLITION PLAN

Regulatory Agency Approval



File Number

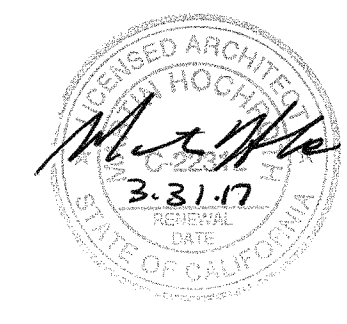
Application Number

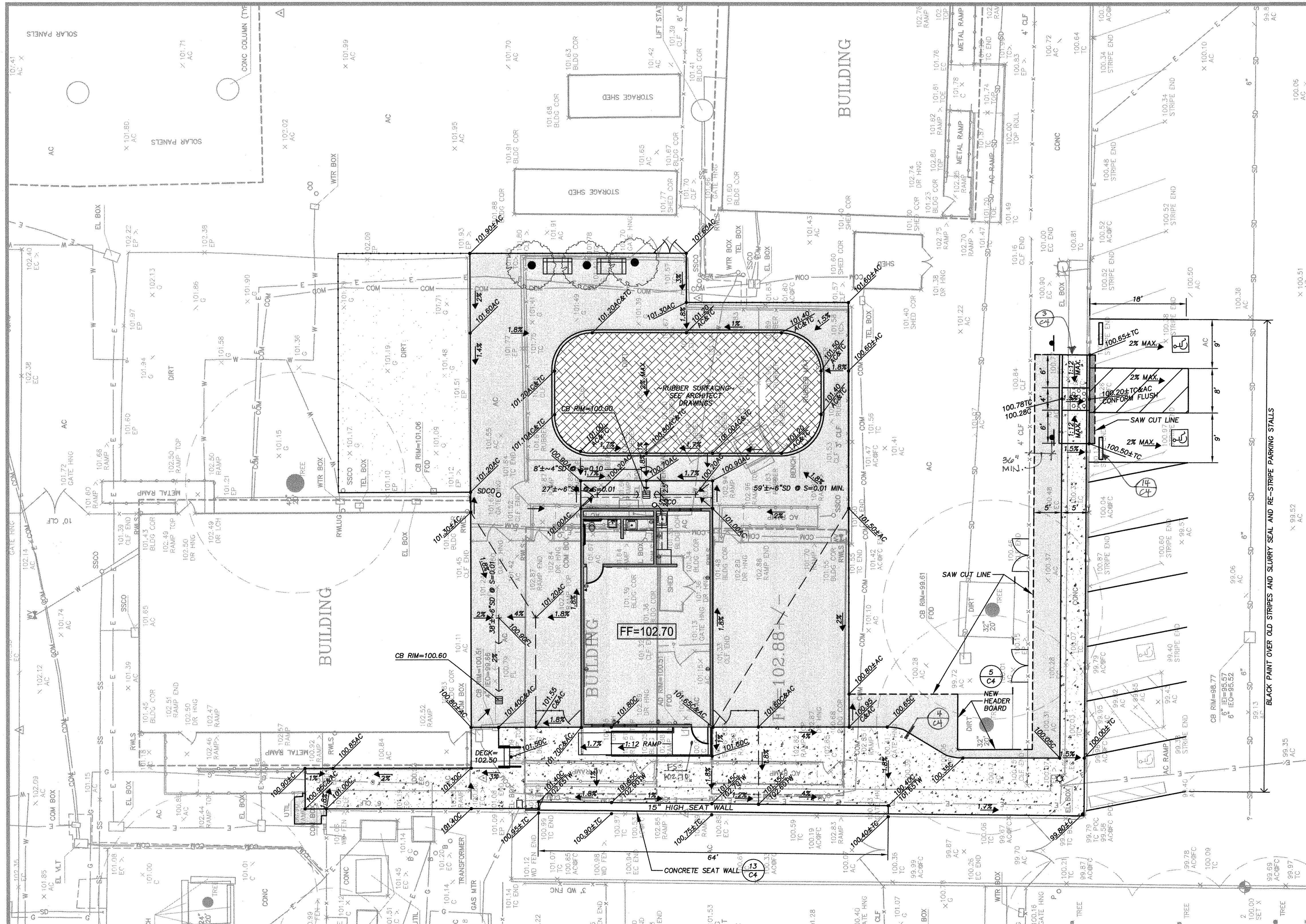
Project No. 135135

Date 04/08/16

Drawing No

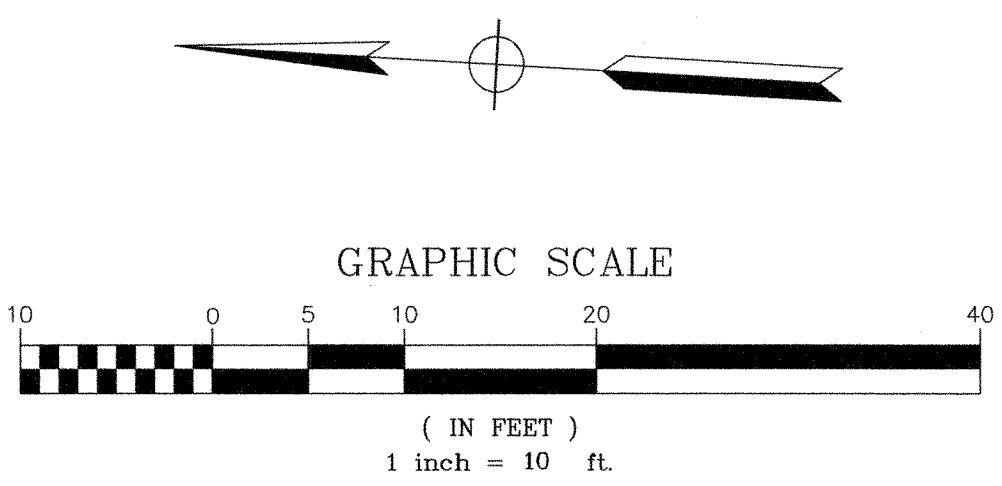
C1





GENERAL NOTES

1. THE CONTRACTOR SHALL LAY OUT THE WORK, SETTING GRADESTAKES, ESTABLISHING LINES, BASE LINES, ELEVATIONS AND OTHER REFERENCE MARKERS AND INFORMATION NECESSARY TO COMPLETE THE WORK AND SHALL BE RESPONSIBLE FOR THE ACCURACY THEREOF.
 2. ANY INCONSISTENCIES IN EXISTING OR PROPOSED ELEVATIONS SHALL BE BROUGHT TO THE NOTICE OF THE OWNER'S REPRESENTATIVE FOR RESOLUTION PRIOR TO CONSTRUCTION OR AS SOON AS DISCOVERED.
 3. IN THE EVENT THAT ANY UNKNOWN UNDERGROUND TANKS OR STRUCTURES OR UTILITY LINES ARE DISCOVERED ON THE SITE, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE TO DETERMINE THE DISPOSITION OF THE STRUCTURE.
 4. CONTRACTOR SHALL IMPORT REQUIRED MATERIALS OR EXPORT EXCESS AS REQUIRED TO ESTABLISH PLAN GRADES. EXCESS MATERIAL IF ANY SHALL BE DISPOSED OFF-SITE IN A LEGAL MANNER AT CONTRACTOR'S EXPENSE.
 5. EXISTING WATER, STORM AND SANITARY INVERTS SHALL BE EXPOSED AND VERIFIED PRIOR TO ANY NEW CONSTRUCTION.
 6. CONTRACTOR SHALL SALVAGE ALL IRRIGATION SPRINKLER HEADS & CONTROLS, AND TURN THEM OVER TO THE SCHOOL DISTRICT UNHARMED. THE SCHOOL DISTRICT SHALL BE RESPONSIBLE FOR REDESIGNING AND RECONSTRUCTION OF IRRIGATION SYSTEMS; HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING, CAPPING OFF, AND SHUTTING OFF OF EXISTING IRRIGATION LINES AS NECESSARY TO DO THEIR WORK.
- THE FOLLOWING SECTIONS OF THE STANDARD SITE WORK SPECIFICATIONS FOR THE CONSTRUCTION OF THIS PROJECT ARE APPLICABLE TO THE WORK SHOWN ON THIS DRAWING:
- SECTION 311000 - SITE CLEARING
 - SECTION 312000 - EARTHMOVING
 - SECTION 321312 - CONCRETE PAVING
 - SECTION 321309 - REINFORCING STEEL



GRADING & PAVING LEGEND

- NEW CONCRETE SLAB (4" REINFORCED PCC ON 4" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (90%))
- NEW AC PAVEMENT (3" AC ON 6" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (95%))
- LIMIT OF GRADING
- SAW CUT LINE
- DRAINAGE FLOW LINE
- GRADE BREAK LINE
- RIDGE LINE
- ASPHALT CONCRETE
- PORTLAND CEMENT CONCRETE
- CATCH BASIN
- CLEAN OUT TO GRADE
- EX. EXIST.
- FINISH FLOOR
- FLOW LINE
- GROUND
- GB GRADE BREAK
- TC TOP OF CURB
- TYP. TYPICAL

ARTiK
ART & ARCHITECTURE

394-A Umbarger Rd
San Jose, CA 95111
Phone 408.224.9890
Fax 408.224.9891
www.Artika3.com

Consultant Seal

Legend

UR UNDERWOOD & ROSENBLUM, INC.
civil engineers and surveyors
1630 Oakland Road, Suite A114, San Jose, CA 95131
(408) 455-1222

PROJECT NO. J15116 PLOT DATE: 4-7-2016

Key Plan

Project Title

SANTA TERESA ELEMENTARY SCHOOL
MODULAR CLASSROOM ADDITION
6200 ENCINAL DRIVE
SAN JOSE, CA 95119
SANTA CLARA COUNTY
OFFICE OF EDUCATION

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	04/08/2016

Drawing Title

GRADING & PAVING PLAN

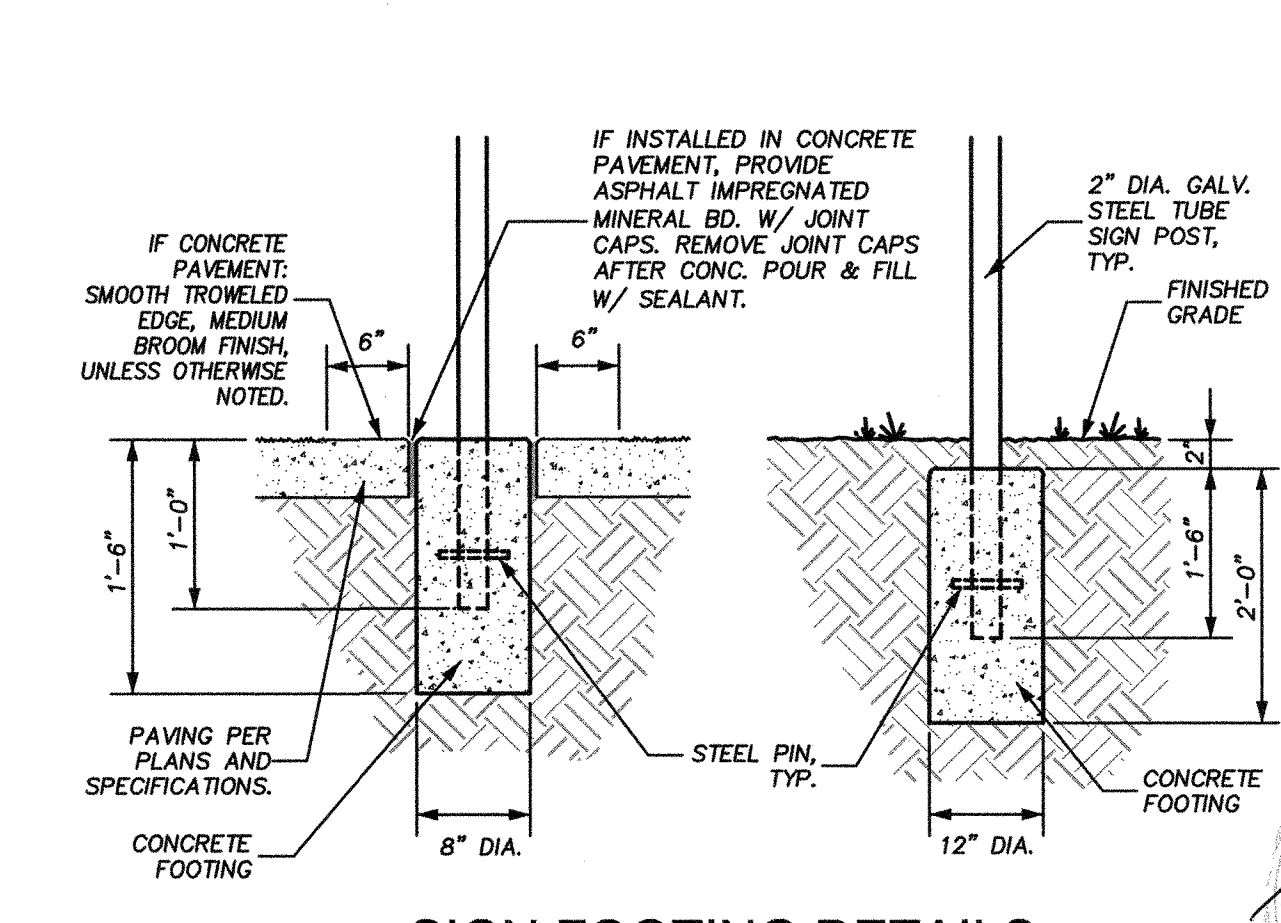
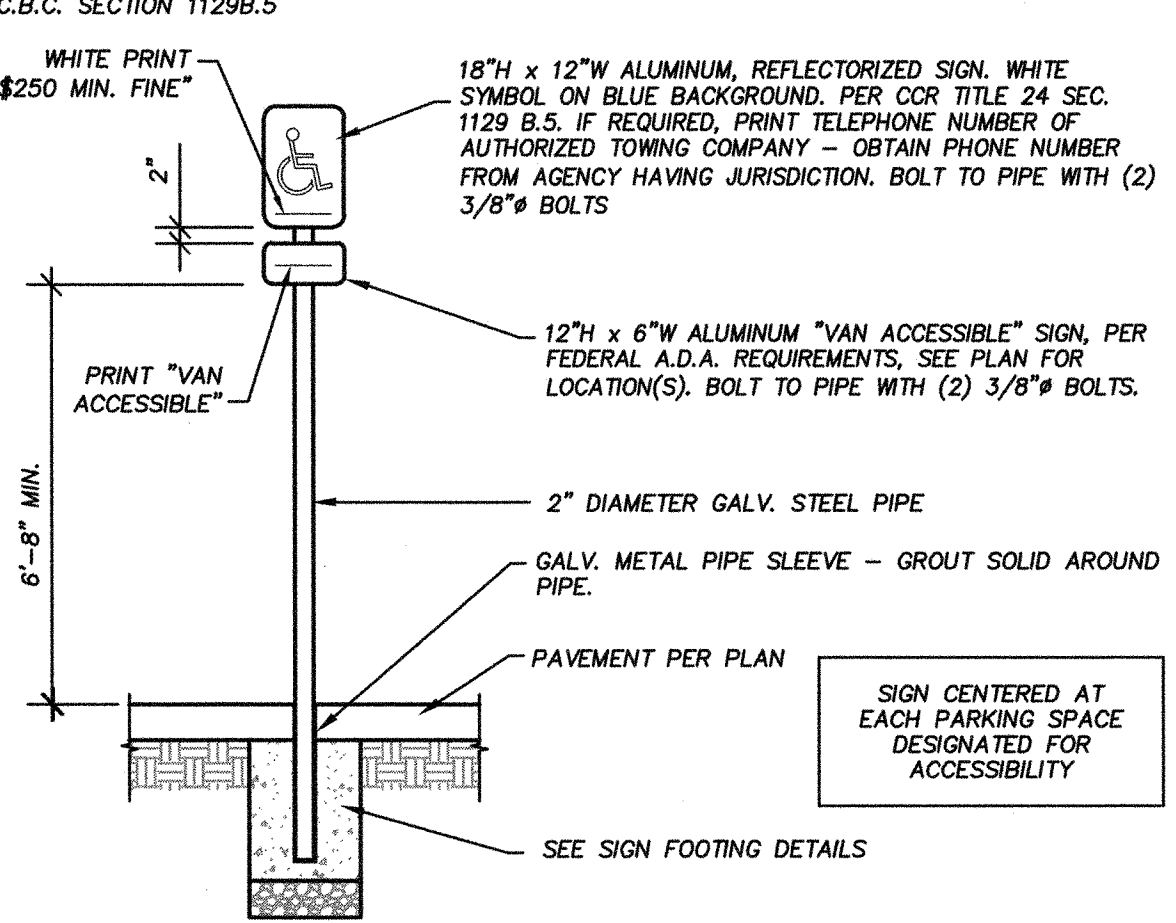
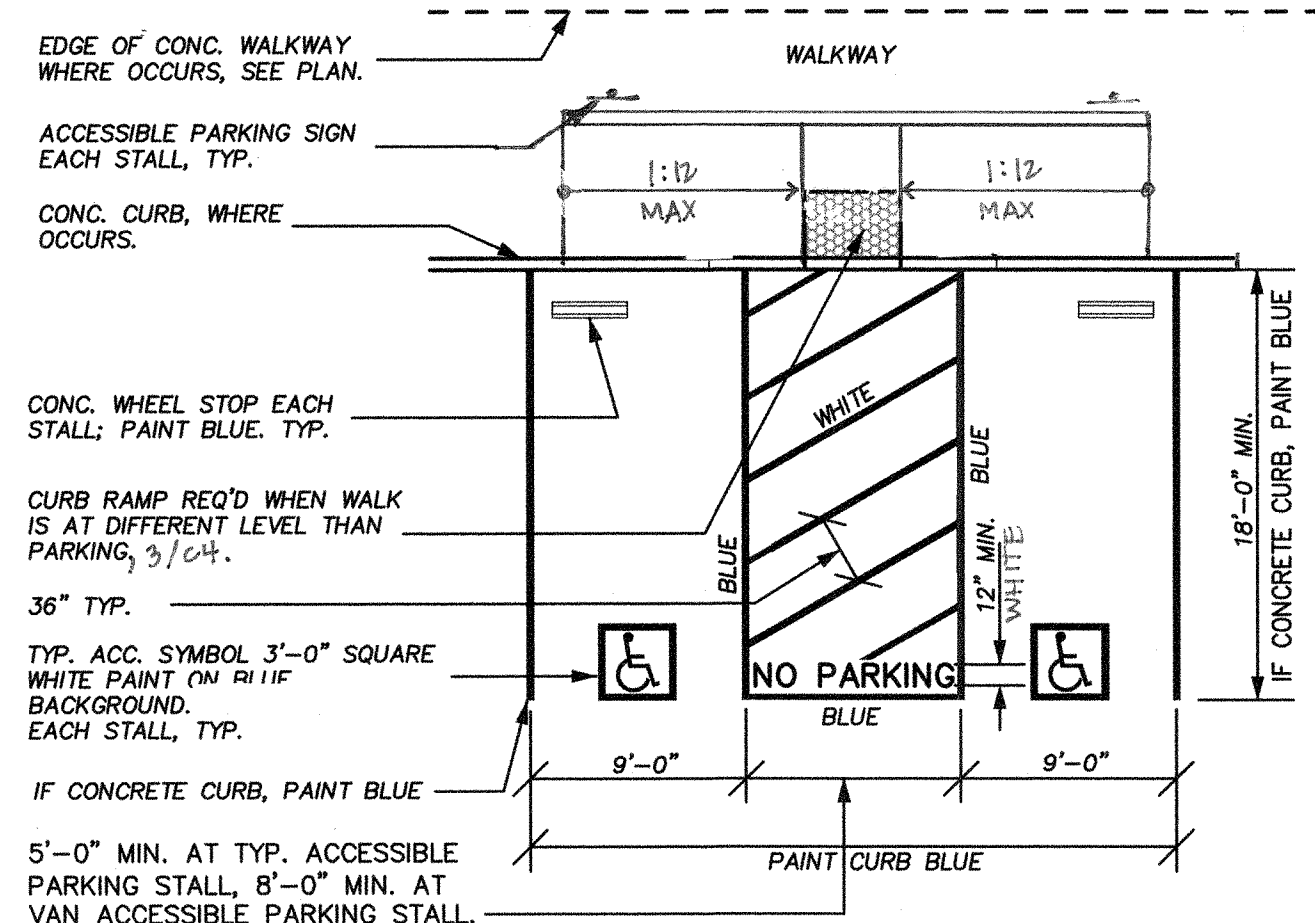
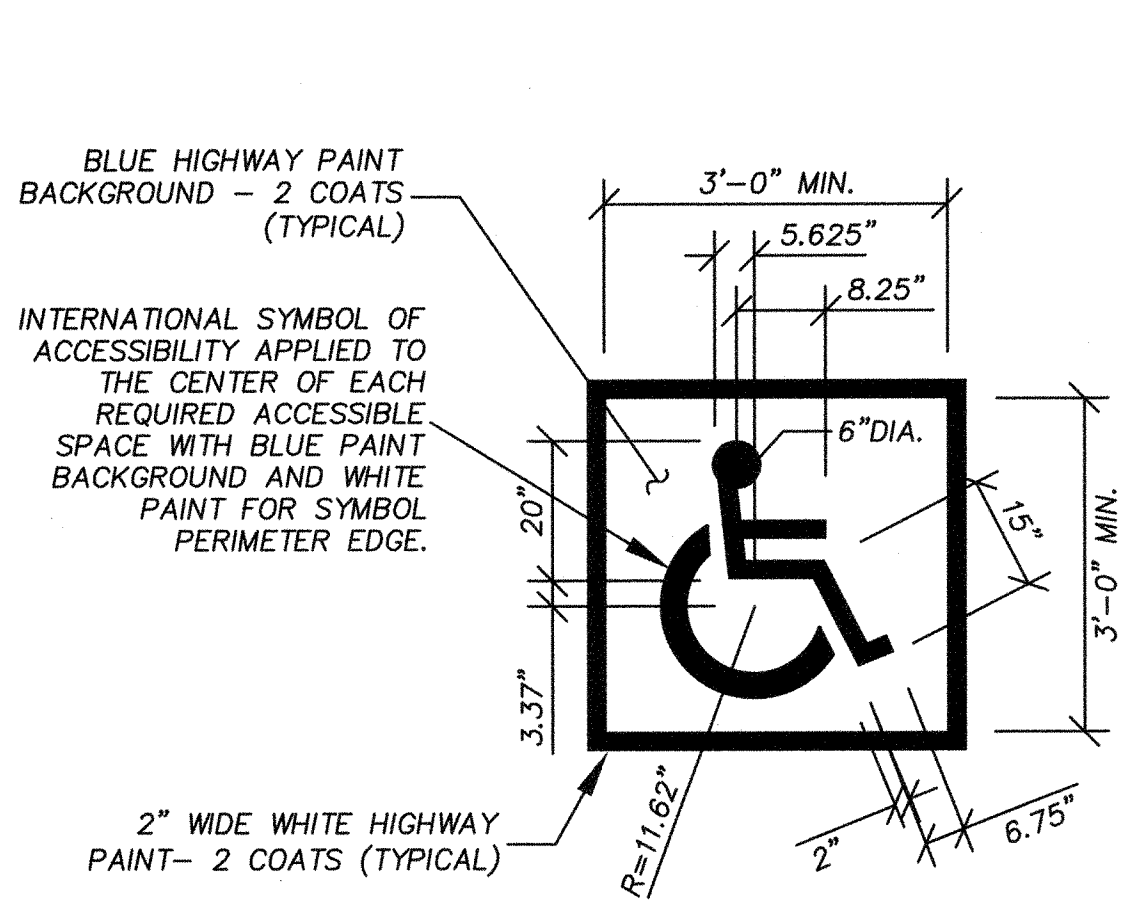
Regulatory Agency Approval

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
01-115705
AC: [Signature]
DATE: APR 08 2016

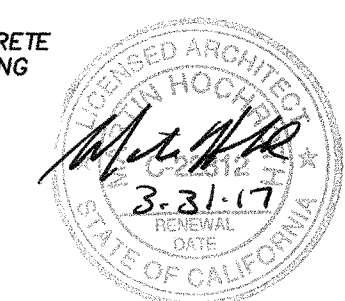
Architect Seal

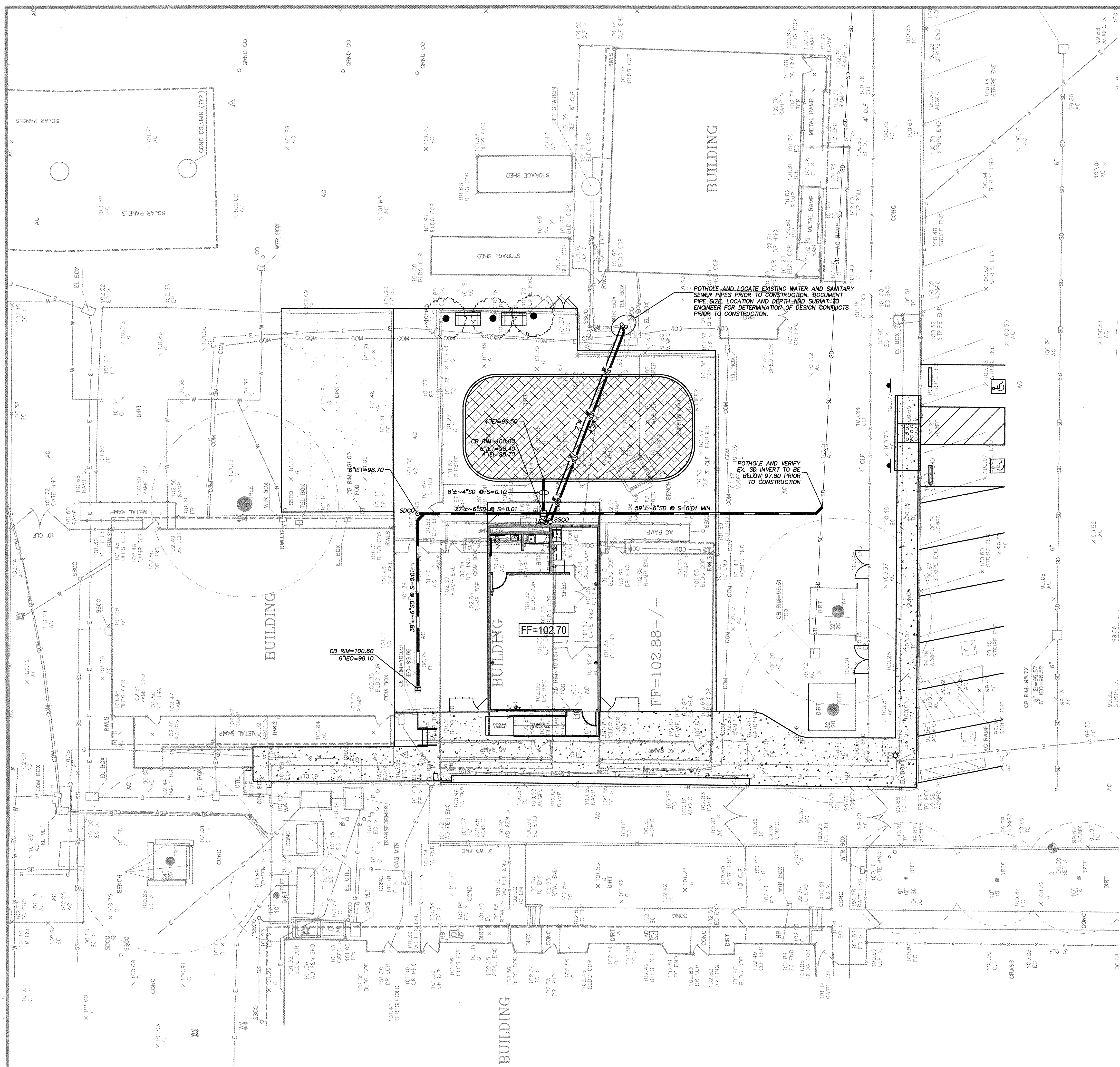
File Number
Application Number
Project No. 135135
Date 04/08/16

Drawing No. **C2**



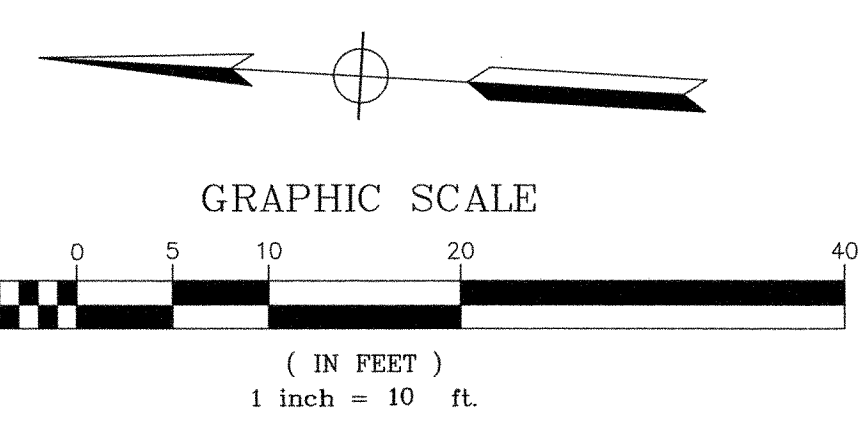
NOTE: ALL PARKING SIGNAGE SHALL CONFORM TO C.E.C. SECTION 1129B.5





GENERAL NOTES

1. THE CONTRACTOR SHALL LAY OUT THE WORK, SETTING GRADE STAKES, ESTABLISHING LINES, BASE LINES, ELEVATIONS AND OTHER REFERENCE MARKERS AND INFORMATION NECESSARY TO COMPLETE THE WORK AND SHALL BE RESPONSIBLE FOR THE ACCURACY THEREOF.
 2. ANY INCONSISTENCIES IN EXISTING OR PROPOSED ELEVATIONS SHALL BE BROUGHT TO THE NOTICE OF THE OWNER'S REPRESENTATIVE FOR RESOLUTION PRIOR TO CONSTRUCTION OR AS SOON AS DISCOVERED.
 3. IN THE EVENT THAT ANY UNKNOWN UNDERGROUND TANKS OR STRUCTURES OR UTILITY LINES ARE DISCOVERED ON THE SITE, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE TO DETERMINE THE DISPOSITION OF THE STRUCTURE.
 4. CONTRACTOR SHALL IMPORT REQUIRED MATERIALS OR EXPORT EXCESS AS REQUIRED TO ESTABLISH PLAN GRADES. EXCESS MATERIAL IF ANY SHALL BE DISPOSED OFF-SITE IN A LEGAL MANNER AT CONTRACTOR'S EXPENSE.
 5. EXISTING WATER, STORM AND SANITARY INVERTS SHALL BE EXPOSED AND VERIFIED PRIOR TO ANY NEW CONSTRUCTION.
 6. PLUMBING CONTRACTOR TO PROVIDE TRACER WIRES ON ALL BURIED PLASTIC PIPING.
 7. VALVE BOXES TO BE CHRISTY 10"x17" WITH BALL VALVES. BALL VALVES TO BE SET 12" BELOW GRADE. WATER LINES TO BE SET 24" BELOW GRADE.
 8. WHEN WATER AND SEWER LINES ARE INSTALLED IN JOINT TRENCH, WATER LINES TO BE SET MINIMUM 1' HIGHER THAN SEWER LINES WITH MINIMUM 1' HORIZONTAL CLEARANCE.
 9. UTILITY POINTS OF CONNECTION ARE 5' OUTSIDE OF BUILDING. SEE MECHANICAL AND PLUMBING DRAWINGS FOR UTILITY CONNECTION.
 10. CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF LOCATIONS OF ALL EXISTING UTILITIES IN THE FIELD.
 11. ALL UTILITY TRENCHES SHOULD BE BACKFILLED WITH COMPACTED FILL IN ACCORDANCE WITH LOCAL REQUIREMENTS OR THE RECOMMENDATIONS IN THE SOILS REPORT. FILL MATERIAL SHOULD BE PLACED IN LIFTS NOT EXCEEDING 8 INCHES IN UNCOMPACTED THICKNESS AND SHOULD BE COMPACTED TO AT LEAST 90 PERCENT RELATIVE COMPACTION (ASTM D-1557, LATEST EDITION) BY MECHANICAL MEANS ONLY, EXCEPT WHERE LOCAL REQUIREMENTS SPECIFY HIGHER REQUIREMENTS. IF IMPORTED SAND IS USED AS BACKFILL, THE UPPER THREE FEET IN BUILDING AND PAVEMENT AREAS SHALL BE COMPACTED TO 95 PERCENT. THE UPPER 6 INCHES OF BACKFILL IN ALL PAVEMENT AREAS SHALL BE COMPACTED TO AT LEAST 95 PERCENT RELATIVE COMPACTION.
 12. CONTRACTOR SHALL SALVAGE ALL IRRIGATION SPRINKLER HEADS & CONTROLS, AND TURN THEM OVER TO THE SCHOOL DISTRICT UNHARMED. THE SCHOOL DISTRICT SHALL BE RESPONSIBLE FOR REDESIGNING AND RECONSTRUCTION OF IRRIGATION SYSTEMS. HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING, CAPPING OFF, AND SHUTTING OFF OF EXISTING IRRIGATION LINES AS NECESSARY TO DO THEIR WORK.
- THE FOLLOWING SECTIONS OF THE STANDARD SITE WORK SPECIFICATIONS FOR THE CONSTRUCTION OF THIS PROJECT ARE APPLICABLE TO THE WORK SHOWN ON THIS DRAWING:
- SECTION 312333 - TRENCHING & BACKFILLING
 - SECTION 331100 - WATER UTILITY DISTRIBUTION PIPING
 - SECTION 333000 - SEWAGE UTILITIES
 - SECTION 334100 - STORM UTILITY DRAINAGE PIPING



PLUMBING LEGEND

- NEW STORM DRAIN
SIZE AND SLOPE AS INDICATED
- NEW RAIN WATER LEADER @ S=0.02 MIN.
SIZE AND SLOPE AS INDICATED
- NEW SANITARY SEWER (SIZE AS INDICATED)
S=0.01 UNLESS OTHERWISE INDICATED
- NEW WATER LINE (SIZE AS INDICATED)
- AREA DRAIN
- CATCH BASIN
- RAIN WATER LEADER
- CLEAN OUT TO GRADE
- WATER VALVE
- D.I.P.
DUCTILE IRON PIPE
- EX., EXIST.
EXISTING
- FF
EXISTING FLOOR
- HDPE
HIGH DENSITY POLYETHYLENE PIPE
- INV
INVERT ELEVATION
- IEI
INVERT ELEVATION IN
- IEO
INVERT ELEVATION OUT
- IET
INVERT ELEVATION THROUGH
- PVC
POLYVINYL CHLORIDE
- RCP
REINFORCED CONCRETE PIPE
- SS
SANITARY SEWER
- SD
STORM DRAIN
- TYP.
TYPICAL
- W
WATER



394-A Umbarger Rd
San Jose, CA 95111
Phone 408.224.9890
Fax 408.224.9891
www.Artika3.com

Consultant Seal

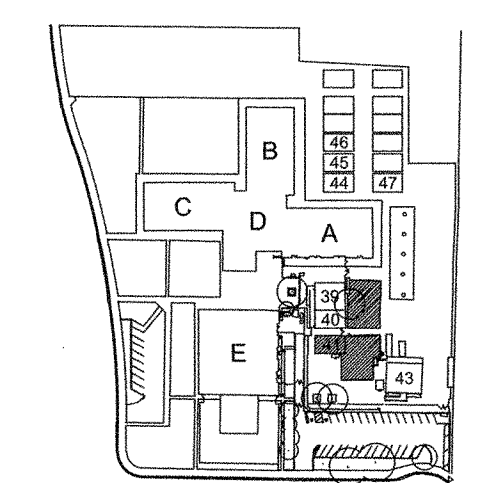


Legend



PROJECT NO. J15116 PLOT DATE: 4-7-2016

Key Plan



Project Title

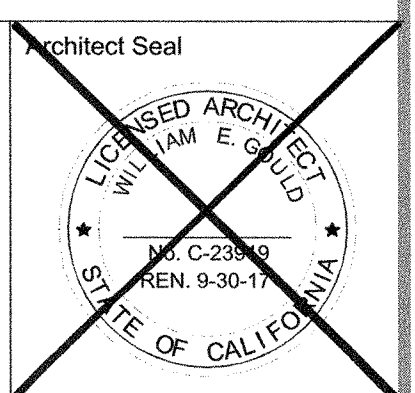
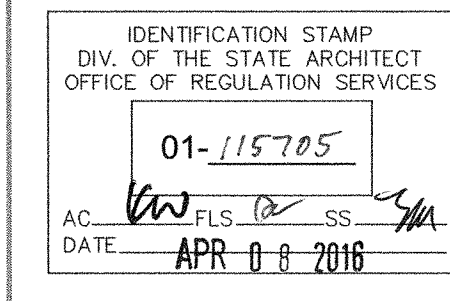
**SANTA TERESA
ELEMENTARY SCHOOL
MODULAR CLASSROOM ADDITION**
6200 ENCINAL DRIVE
SAN JOSE, CA 95119
SANTA CLARA COUNTY
OFFICE OF EDUCATION

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	04/08/2016

Drawing Title

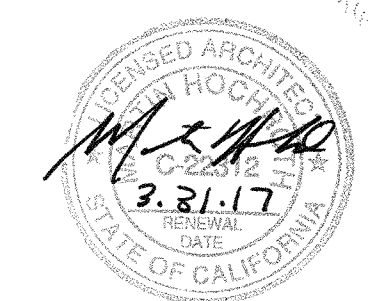
SITE PLUMBING PLAN

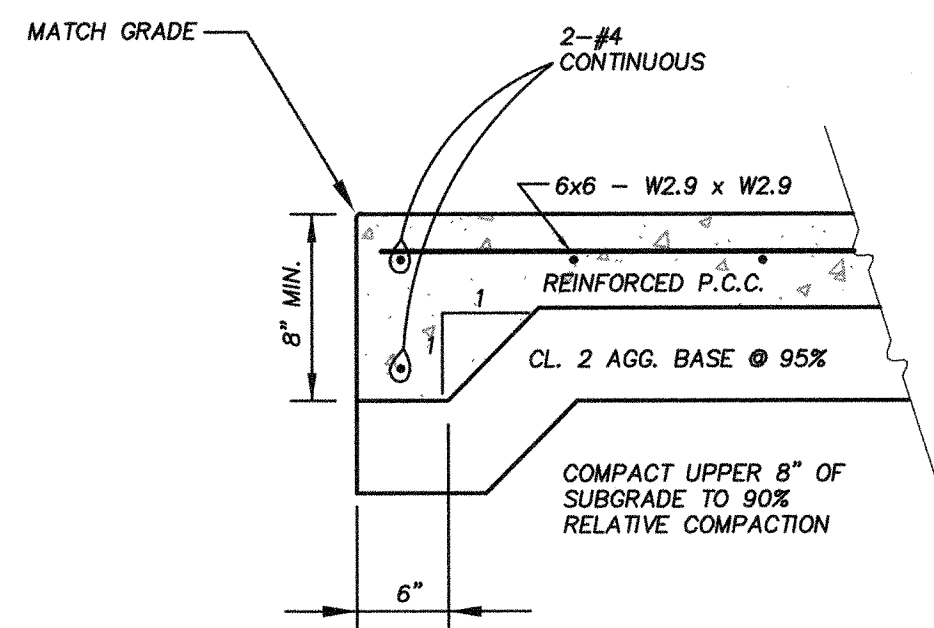
Regulatory Agency Approval



File Number	Drawing No
Application Number	
Project No.	135135
Date	04/08/16

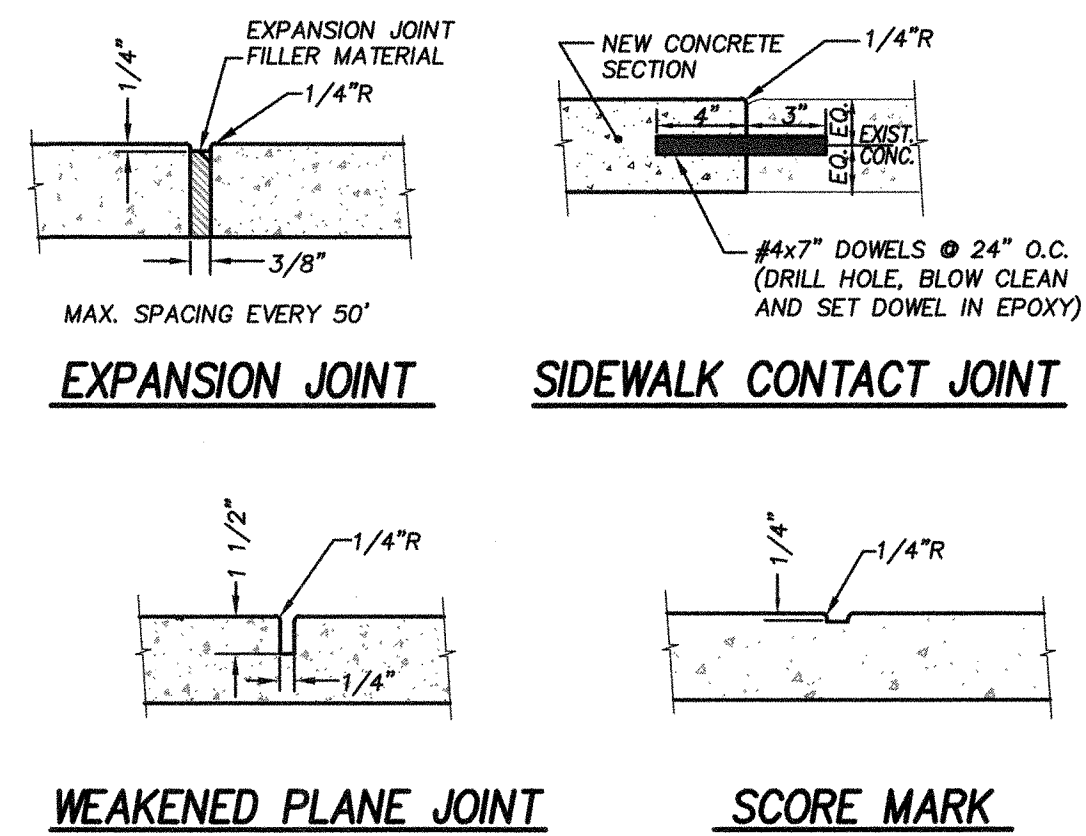
C3





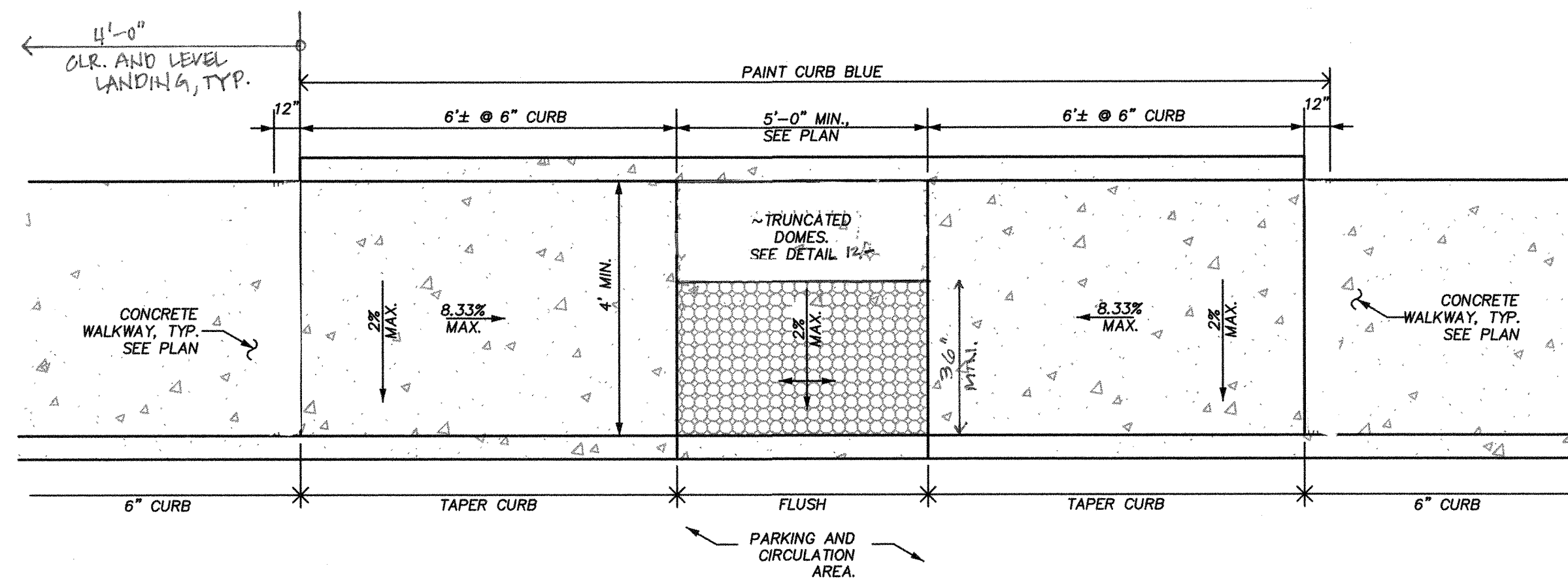
CONCRETE EDGE DETAIL

1



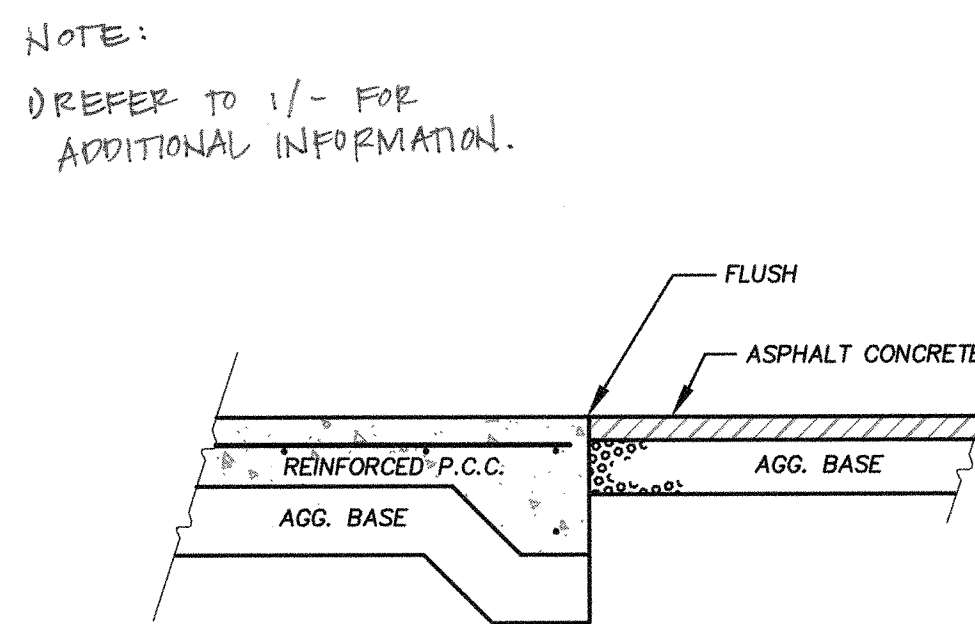
JOINTS DETAIL

2



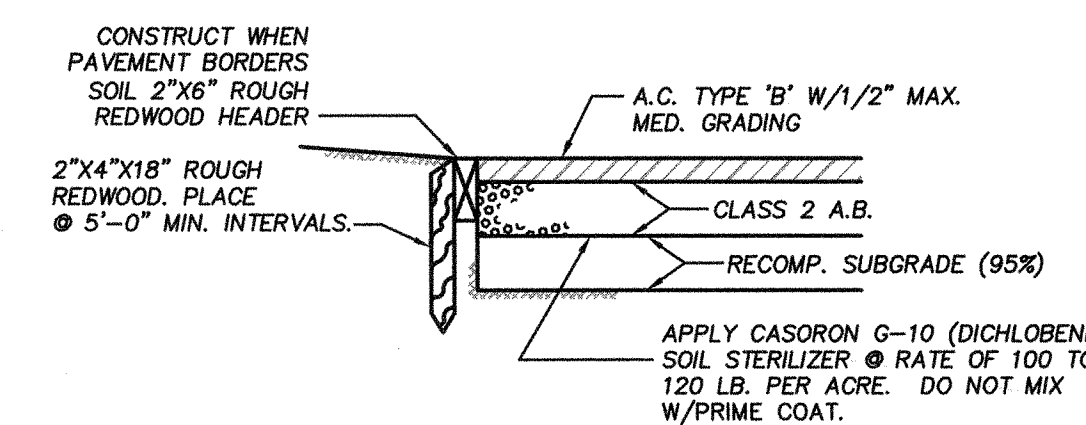
ACCESSIBLE RAMP DETAIL

3



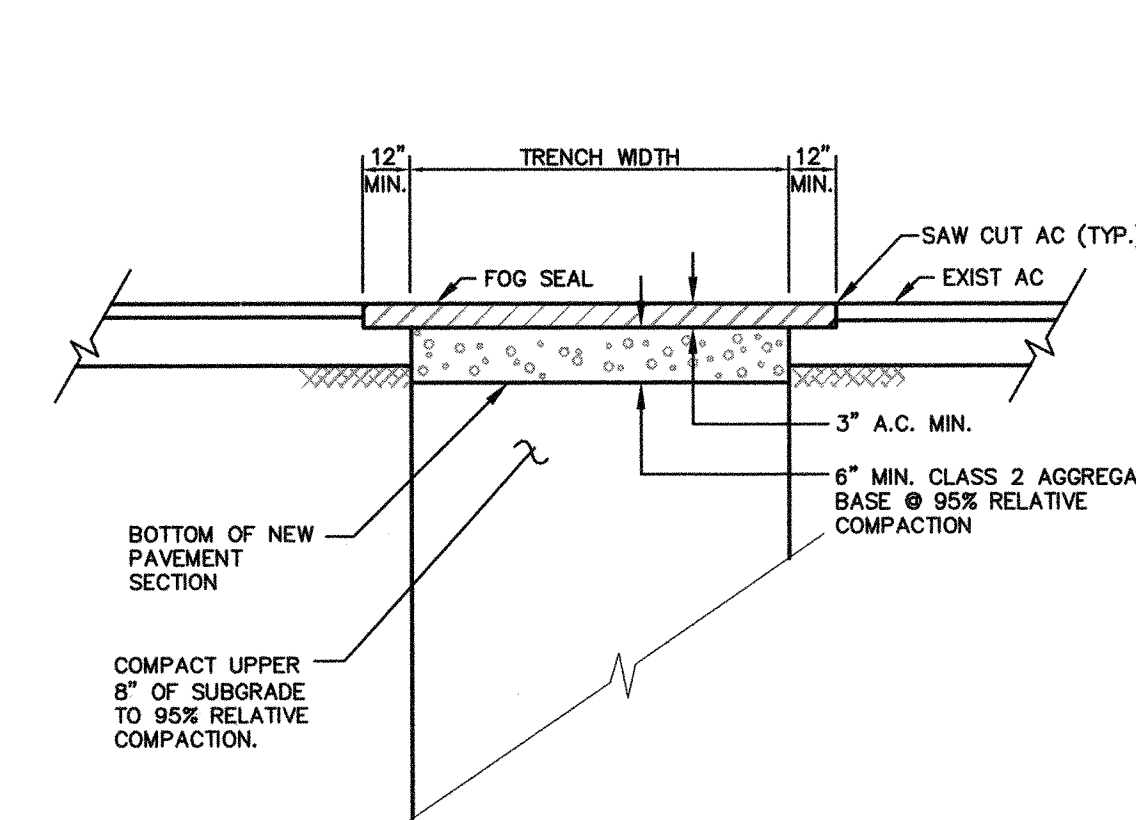
CONCRETE TO ASPHALT TRANSITION

4



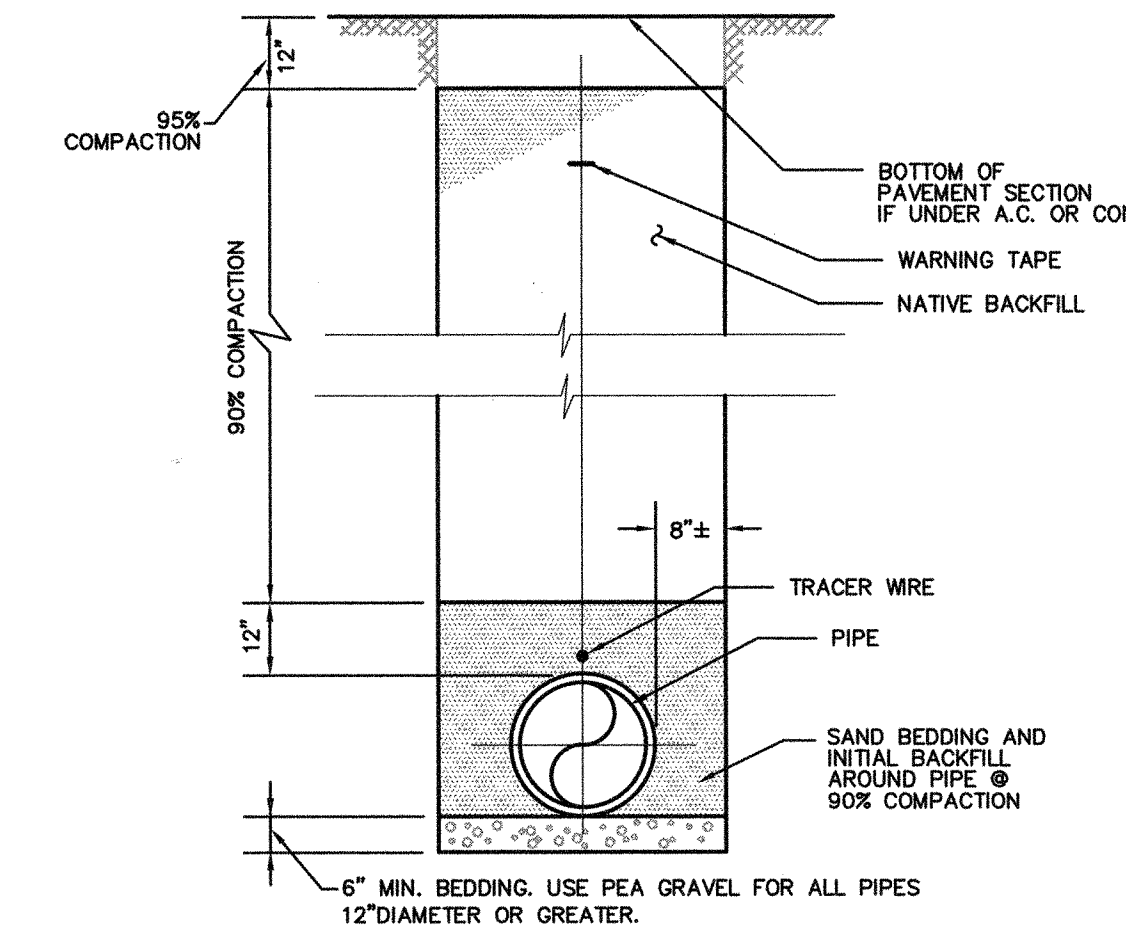
HEADERBOARD & AC PAVING

5



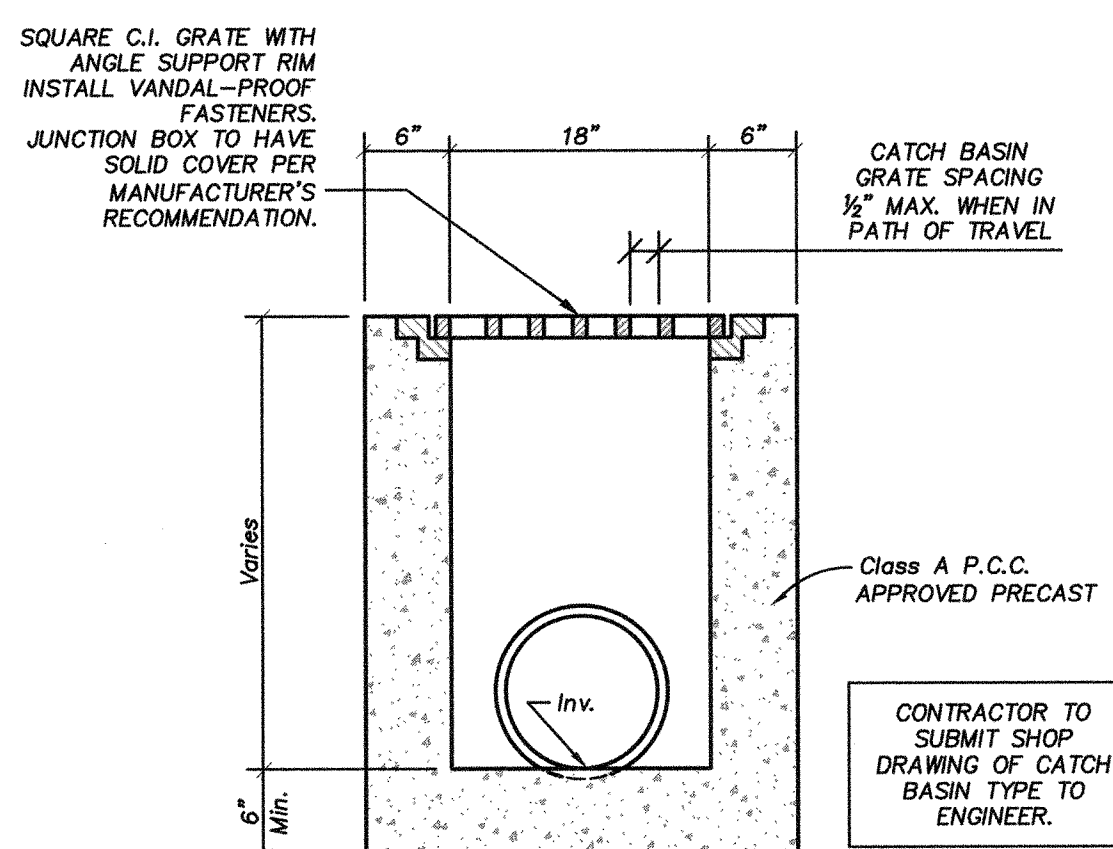
AC SURFACE TRENCH REPAIR

6



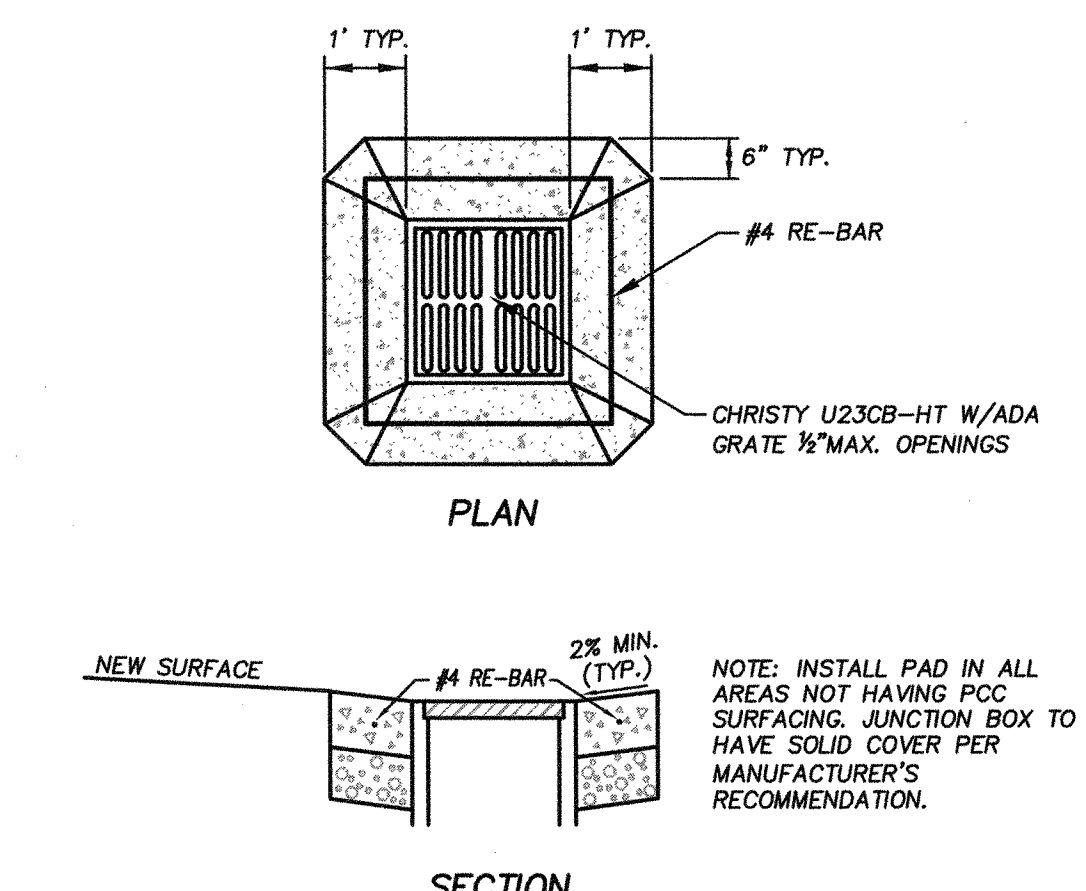
TRENCH BACKFILL DETAIL

7



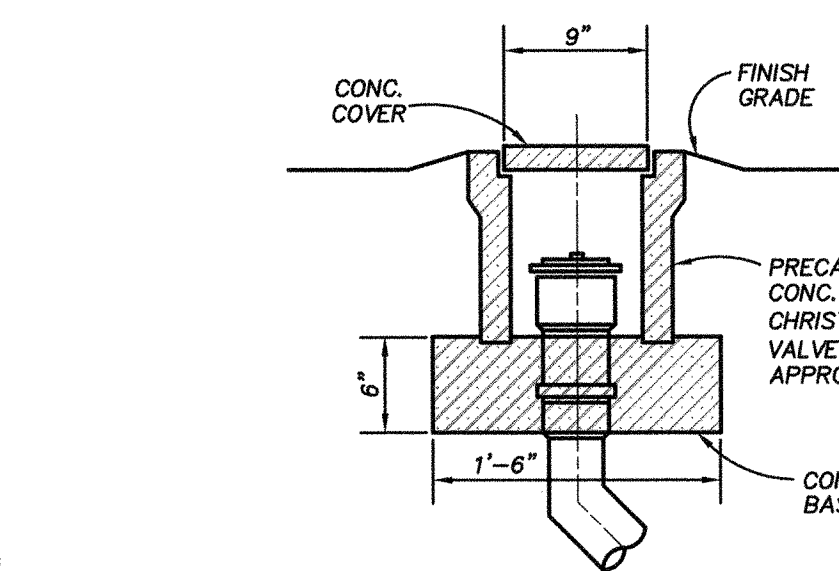
CATCH BASIN/JUNCTION BOX

8



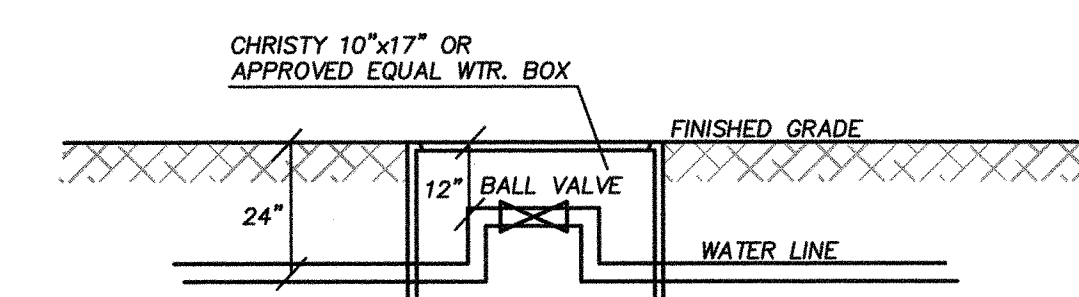
CATCH BASIN PAD DETAIL

9



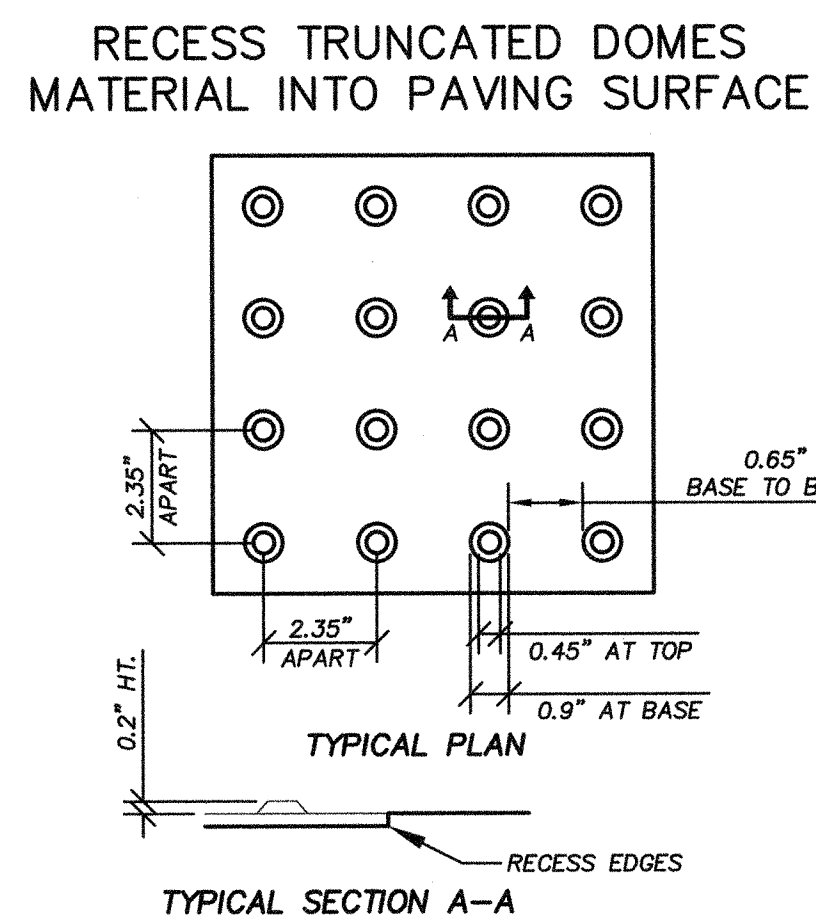
CLEANOUT DETAIL

10



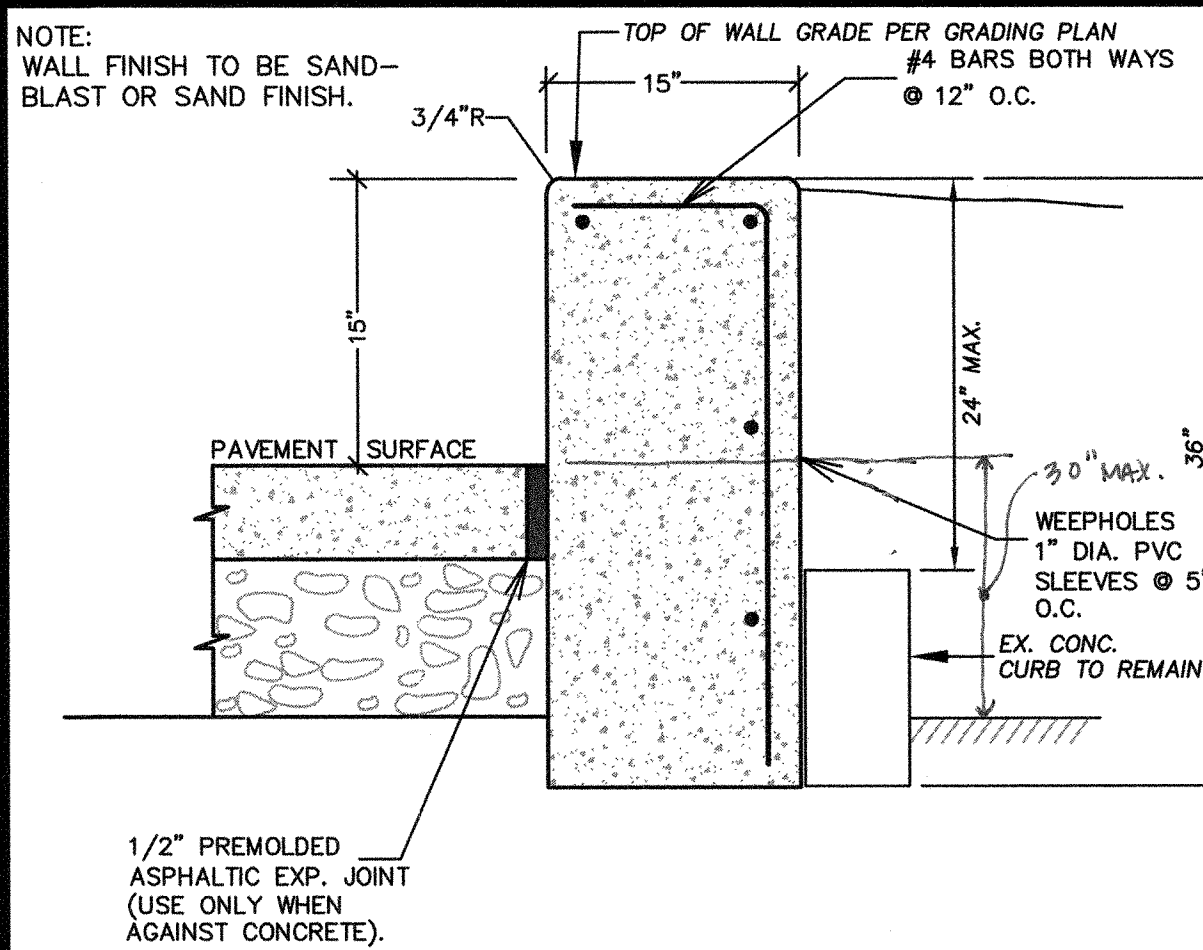
WATER VALVE BOX INSTALLATION

11



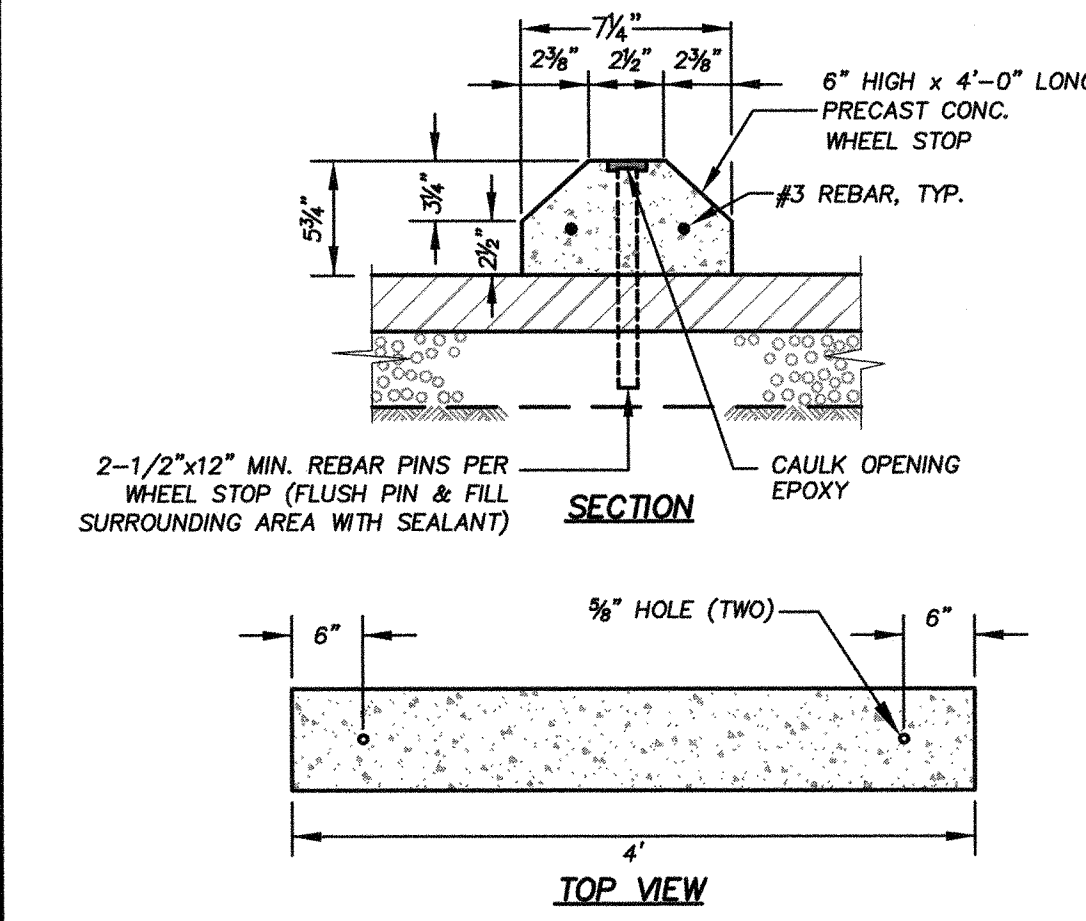
TRUNCATED DOMES

12



SEAT WALL DETAIL

13



WHEEL STOP DETAIL

14

ARTiK
ART & ARCHITECTURE

394-A Umbarger Rd
San Jose, CA 95111
Phone 408.224.9890
Fax 408.224.9891
www.Artika3.com

Consultant Seal

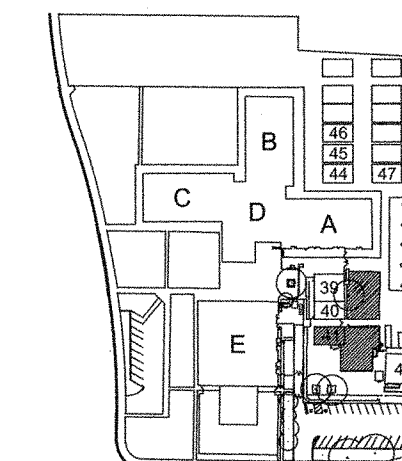


Legend

UR UNDERWOOD & ROSENBLUM, INC.
civil engineers and surveyors
1650 Oakland Road, Suite A114, San Jose, CA 95131
(408) 455-1222 www.uandri.com

PROJECT NO. J15116 PLOT DATE: 4-7-2016

Key Plan



Project Title

SANTA TERESA ELEMENTARY SCHOOL
MODULAR CLASSROOM ADDITION
6200 ENCINAL DRIVE
SAN JOSE, CA 95119
SANTA CLARA COUNTY
OFFICE OF EDUCATION

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	04/08/2016

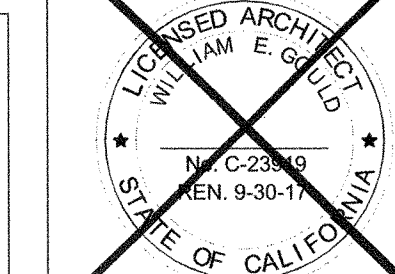
Drawing Title

CIVIL DETAILS

Regulatory Agency Approval

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
01-115705
AC: [Signature]
DATE: APR 0 0 2016

Architect Seal



File Number

Application Number

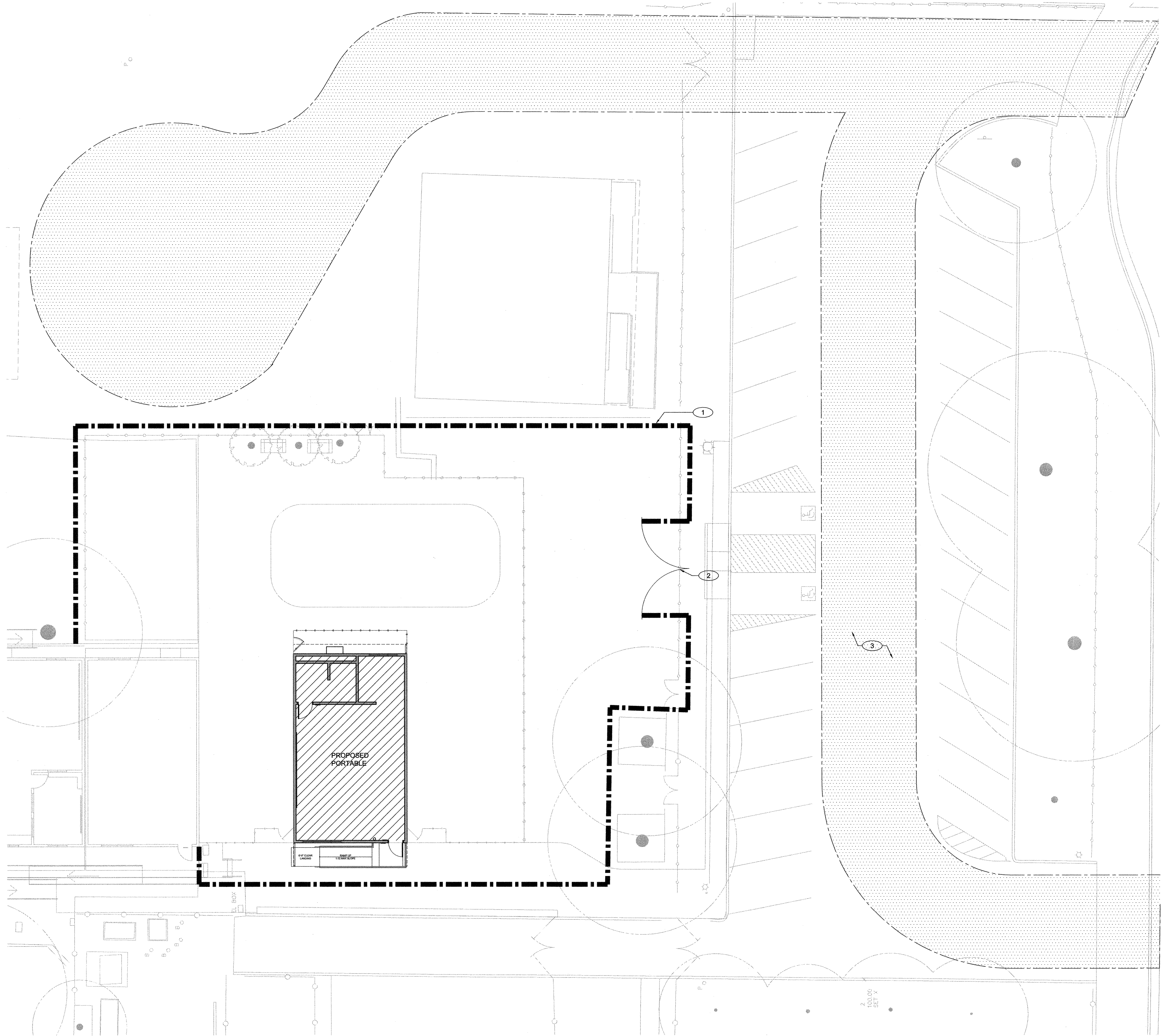
Project No. 135135

Date 04/08/16

Drawing No.

C4





GENERAL NOTES

1. REFER TO SITE PLAN SHEET A1.12 FOR ALL SITE RELATED DETAILS.

KEY NOTES

- ① TEMPORARY CONSTRUCTION/ CONTRACTOR LAYDOWN AREA TO BE FULLY CONTROLLED/ SURROUNDED BY 6'-0" HIGH CHAINLINK FENCE PANELS (WITH FABRIC) SET IN CONCRETE BLOCKS.
- ② TEMPORARY CONSTRUCTION ENTRANCE, 20'-0" WIDE.
- ③ (E) FIRE LANE, TO BE MAINTAINED ALL THROUGH CONSTRUCTION.



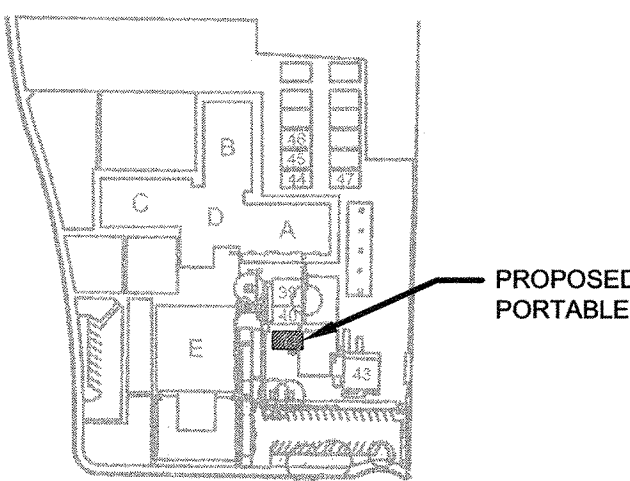
394-A Umbarger Rd
 San Jose, CA 95111
 Phone 408.224.9890
 Fax 408.224.9891
 www.Artika3.com

Consultant Seal

Legend

--- EXTENTS OF TEMPORARY FENCE

Key Plan



Project Title

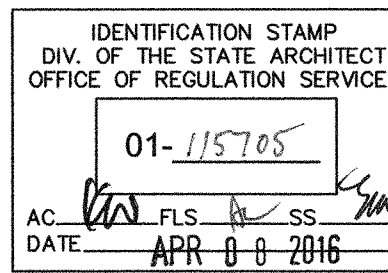
**SANTA TERESA
 ELEMENTARY SCHOOL
 MODULAR CLASSROOM ADDITION**
 6200 ENCINAL DRIVE
 SAN JOSE, CA 95119
 SANTA CLARA COUNTY
 OFFICE OF EDUCATION

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	04/08/2016

Drawing Title

**TEMPORARY
 CONTROLS
 SITE PLAN**

Regulatory Agency Approval



Architect Seal



File Number

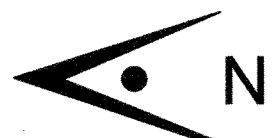
Application Number

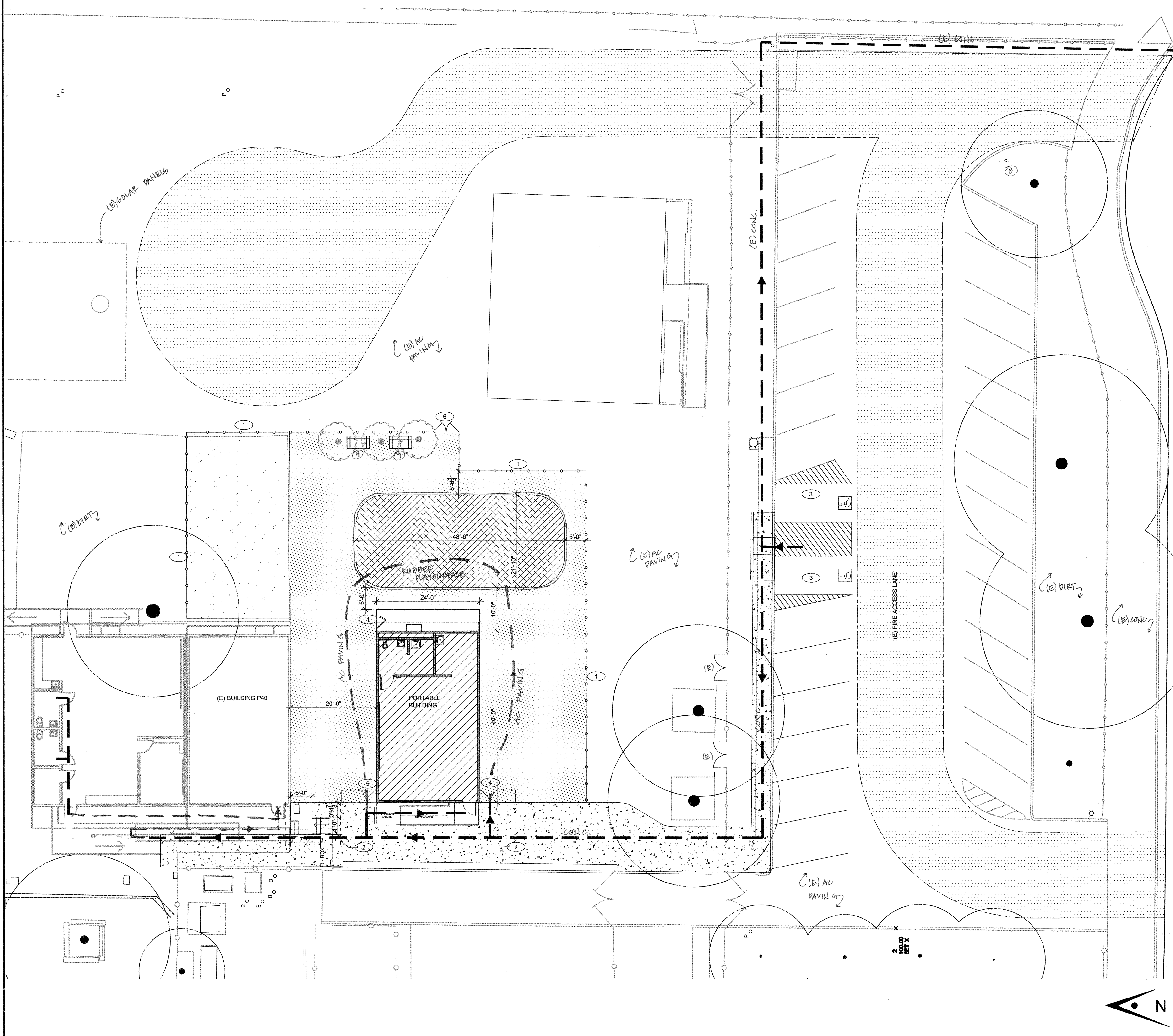
Project No.

Date

Drawing No

A1.11





GENERAL NOTES

1. TYPICAL, EXISTING TO REMAIN U.O.N. - PROTECT ALL WORK TO BE REINSTALLED. ANY DAMAGE SHALL BE REPAIRED/ REPLACED TO OWNER'S SATISFACTION.
2. SEE CIVIL AND ELECTRICAL DWGS. FOR ADDITIONAL REQUIREMENTS.
3. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ACTUAL FIELD CONDITIONS PRIOR COMMENCEMENT OF WORK.
4. CONTRACTOR TO FIELD VERIFY EXTENT OF ALL DEMOLITION REQUIRED TO ACCOMMODATE CONSTRUCTION.
5. CONTRACTOR TO PROTECT ALL (E) SITE FEATURES FROM DAMAGE INCLUDING BUT NOT LIMITED TO, STRUCTURES, UTILITIES, TREES, LANDSCAPING, AND SITE WORK.

KEY NOTES

- 1 4'-0" HIGH CHAIN LINK FENCE, REFER TO SHEET A12.10.
- 2 TMP SERVICES ACCESSIBLE LANDING & STAIR.
- 3 ACCESSIBLE PARKING, REFER TO CIVIL DRAWINGS.
- 4 3'-0" WIDE GATE W/ PANIC HARDWARE, REFER TO 1/A12.1.
- 5 3'-0" WIDE GATE, SIMILAR TO 1/A12.1.
- 6 6'-0" WIDE GATE, REFER TO 17/A12.1.
- 7 BENCH, REFER TO CIVIL DRAWINGS.
- 8 (E) TON AWAY SIGNAGE.
- 9 FURNITURE, OFCI.

PARKING CALCULATIONS

TOTAL PARKING SPACES	29
ACCESS. SPACES REQ'D	2
ACCESS. SPACES PROVIDED	2 (1 VAN)

394-A Umbarger Rd
San Jose, CA 95111
Phone 408.224.9890
Fax 408.224.9891
www.Artika3.com

Legend

- [Cross-hatched pattern] POURED IN PLACE RUBBER PAVING, REFER TO 20/A12.10 & CIVIL DRAWINGS
- [Dotted pattern] ASPHALT PAVING
- [Stippled pattern] CONCRETE PAVING
- [Dashed line] CHAINLINK FENCE & GATES, TYP.
- [Dotted line] ACCESSIBLE PATH OF TRAVEL

Key Plan

Project Title

**SANTA TERESA
ELEMENTARY SCHOOL
MODULAR CLASSROOM ADDITION**

6200 ENCINAL DRIVE
SAN JOSE, CA 95119

SANTA CLARA COUNTY
OFFICE OF EDUCATION

CODE ANALYSIS

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	04/08/2016

CONSTRUCTION TYPE: V B
OCCUPANCY: E
ALLOWABLE AREA: 9,500 SF
ALLOWABLE STORIES: 1
ACTUAL AREA: 960 SF
ACTUAL STORIES: 1
HEIGHT: 11'-0"

**ENLARGED
SITEPLAN**

Regulatory Agency Approval

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

01-115705

AC: [Signature] VFLS: [Signature] SS: [Signature]
DATE: APR 8 2016

Architect Seal

LICENSED ARCHITECT
MARTIN HOCHRODT
No. C22312
Exp. 03-31-17
STATE OF CALIFORNIA

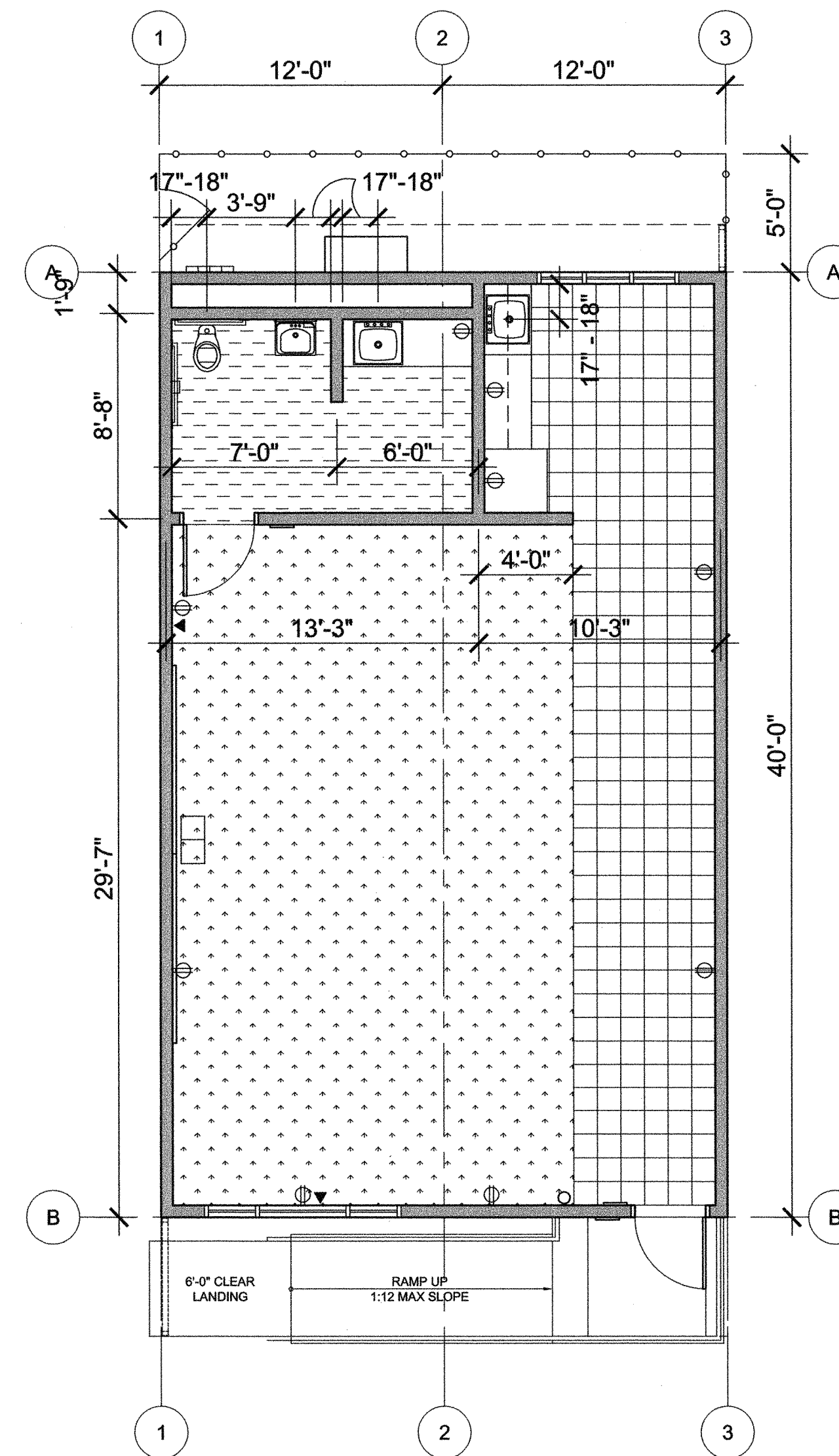
File Number

Application Number

Project No.
06205

Date
04/08/16

Drawing No.
A1.12



AMERICAN MODULAR SYSTEMS
 DSA PC # 02-113876
 SERIAL #s 15-262-006

BUILDING NAME	BUILDING SQUARE FOOTAGE	MULTIPLICATION FACTOR	REQUIRED VENTING (SF) ¹	PROVIDED VENTING (SF)	VENT QUANTITY	VENT AREA (SF)	VENT TYPE
BUILDING 'G'	960 SF	1/150	6.40 SF	8.00 SF	4	8 SF	VERTICAL SCREEN

NOTES:
 1) REQUIRED VENTILATION FORMULA:
 BUILDING SQUARE FOOTAGE x 1/150 = REQUIRED VENTILATION

GENERAL NOTES

1. TYPICAL EXISTING TO REMAIN U.O.N.; PROTECT ALL WORK TO BE REINSTALLED. ANY DAMAGE SHALL BE REPAIRED/ REPLACED TO OWNER'S SATISFACTION.
2. SEE CIVIL AND ELECTRICAL DWGS. FOR ADDITIONAL REQUIREMENTS.
3. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ACTUAL FIELD CONDITIONS PRIOR COMMENCEMENT OF WORK.
4. CONTRACTOR TO FIELD VERIFY EXTENT OF ALL DEMOLITION REQUIRED TO ACCOMMODATE CONSTRUCTION.
5. CONTRACTOR TO PROTECT ALL (E) SITE FEATURES FROM DAMAGE INCLUDING BUT NOT LIMITED TO, STRUCTURES, UTILITIES, TREES, LANDSCAPING, AND SITE WORK.
6. PROVIDE VERTICAL, EXPANDED METAL SCREEN VENT. SIZE TO MATCH OPENING IN FOUNDATION, REFER TO AIS2.1 FOR OPENING SIZES.

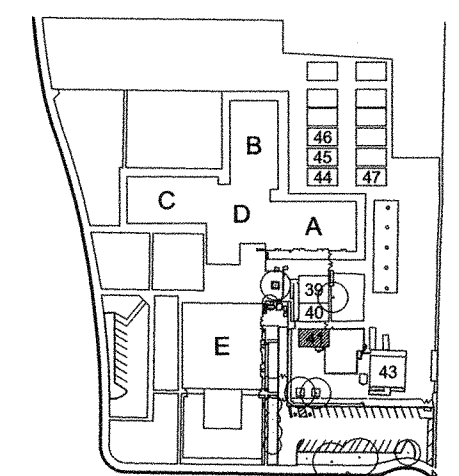
ARTiK
 ART & ARCHITECTURE
 394-A Umbarger Rd
 San Jose, CA 95111
 Phone 408.224.9890
 Fax 408.224.9891
 www.Artika3.com

Consultant Seal

Legend

- CARPET, REFER TO N3.0 FOR ROOM FINISH SCHEDULE.
- VINYL COMPOSITE TILE, REFER TO N3.0 FOR ROOM FINISH SCHEDULE.
- VINYL SHEET FLOORING, REFER TO N3.0 FOR ROOM FINISH SCHEDULE.
- 4'-0" H CHAIN LINK FENCE WITH 3'-0" WIDE GATE, REFER TO DETAILS ON SHEET A12.10

Key Plan



Project Title

**SANTA TERESA
 ELEMENTARY SCHOOL
 MODULAR CLASSROOM ADDITION**
 6200 ENCINAL DRIVE
 SAN JOSE, CA 95119
**SANTA CLARA COUNTY
 OFFICE OF EDUCATION**

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	04/08/2016

Drawing Title

**FLOOR
 PLAN**

Regulatory Agency Approval

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 01-115705
 AC. [Signature] FLS. [Signature] [Signature]
 DATE: APR 08 2016

Architect Seal

LICENSED ARCHITECT
 MARTIN HOCHROD
 No. C-22312
 Exp. 03-31-17
 STATE OF CALIFORNIA

File Number

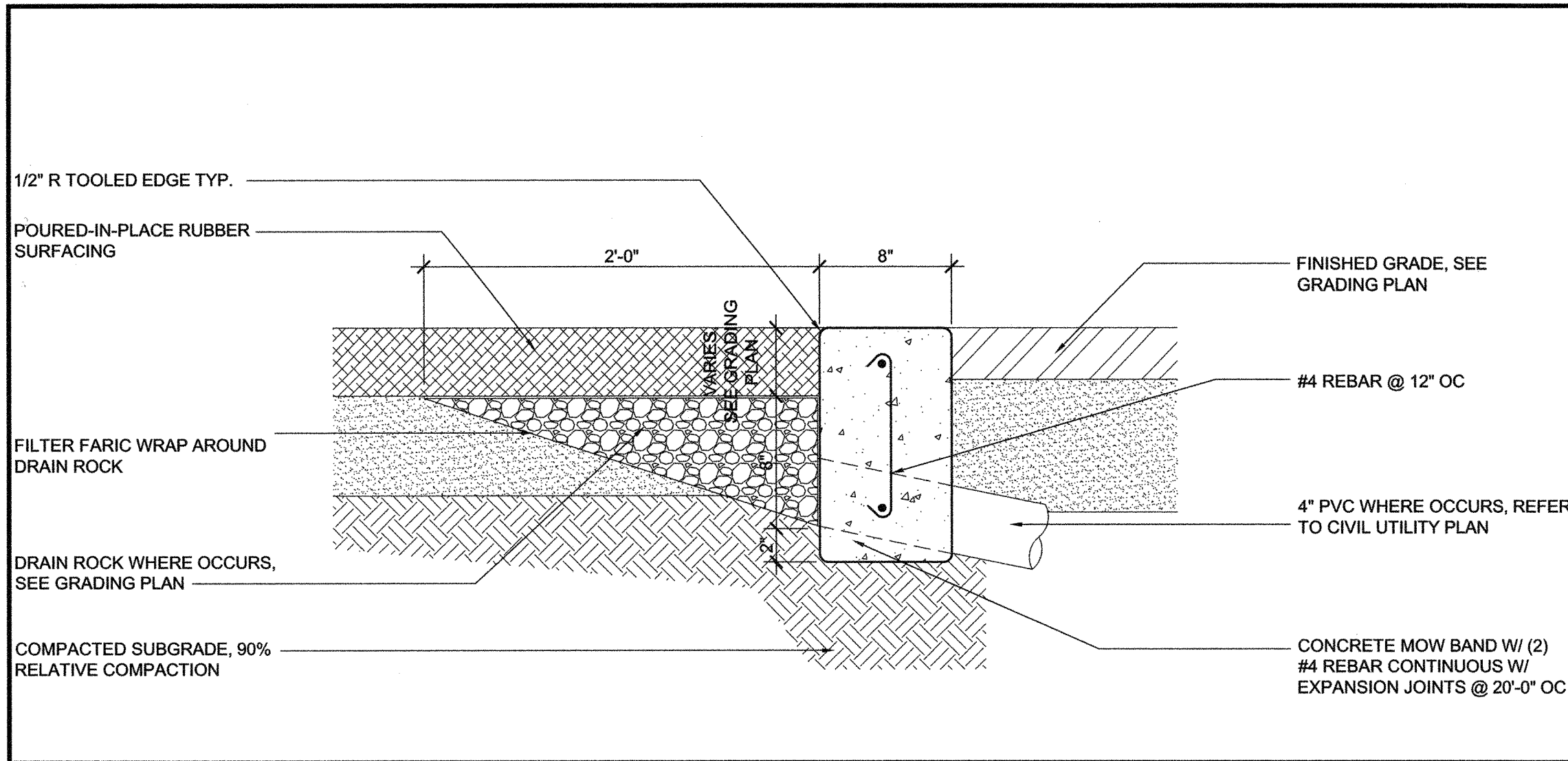
Application Number

Project No.
 06205

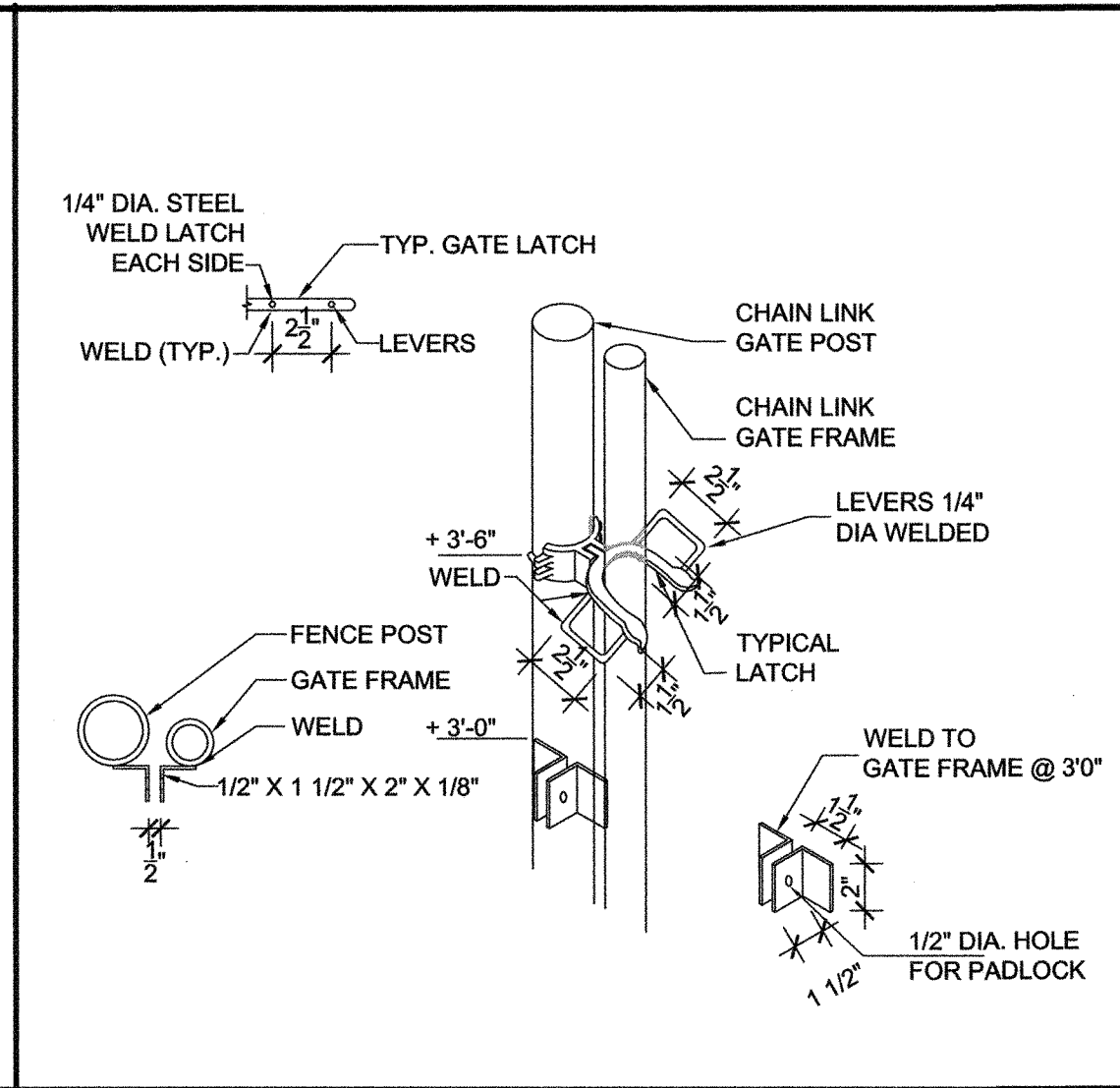
Date
 04/08/16

Drawing No

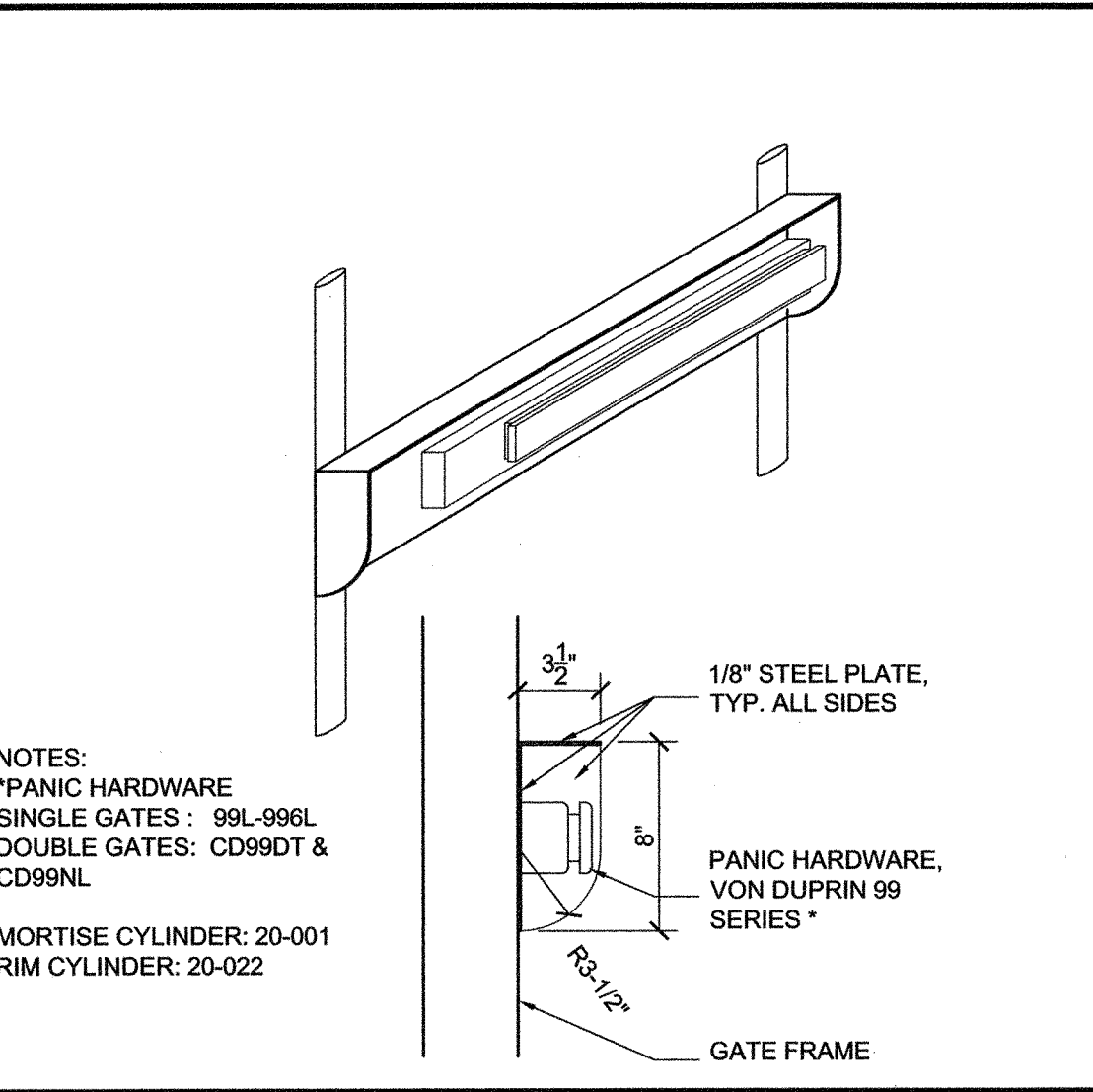
A3.10



20 CONCRETE BAND AT PLAY AREA DETAIL N.T.S.



8 HASP 1-1/2\" = 1'-0"



4 PANIC HARDWARE 1-1/2\" = 1'-0"

POST AND FOOTING SCHEDULE

FENCE/GATE HEIGHT	FENCE POSTS		FENCE/GATE
	LINE POST	END OR CORNER POST	PIER DEPTH
6'-0" MAXIMUM	2" STD. PIPE	2.5" STD. PIPE	4'-3"
8'-0" MAXIMUM	2.5" STD. PIPE	3" STD. PIPE	5'-0"
10'-0" MAXIMUM	3" STD. PIPE	3.5" STD. PIPE	5'-6"

FENCE SPECIFICATIONS:

- GALVANIZED: ALL COMPONENTS OF FENCING INCLUDING BUT NOT LIMITED TO FENCE FABRIC MESH, POSTS, RAILS, RODS, TIES, BRACES, WIRES, AND HARDWARE TO BE GALVANIZED FINISH.
- FABRIC SIZE: 2" MESH, 9 GAUGE WIRE SIZE PLUS.
- POSTS AND RAILS: HEAVY INDUSTRIAL STRENGTH, ROUND STEEL PIPE, SCHEDULE 40

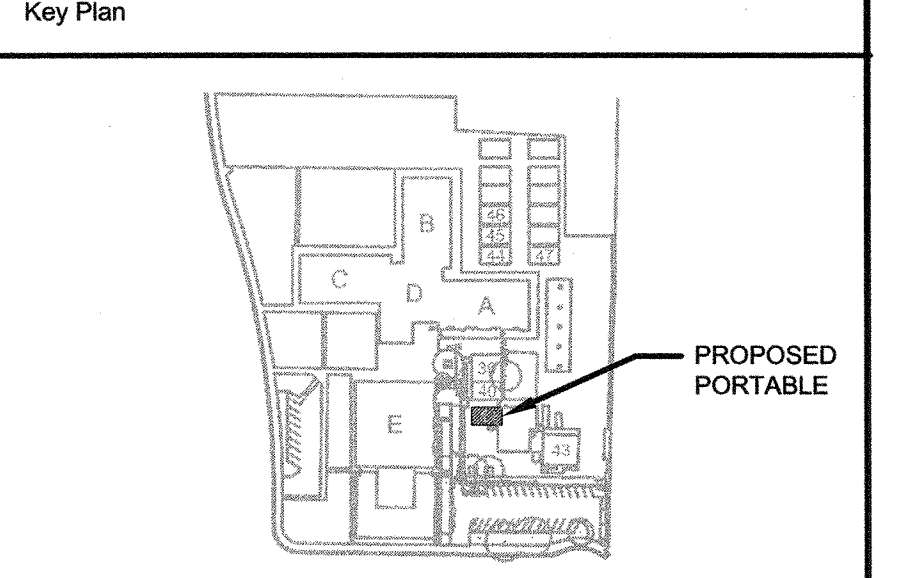
3 CHAIN LINK GENERAL NOTES AND FOOTING SCHEDULE 3/8\" = 1'-0"

ARTiK
ART & ARCHITECTURE

394-A Umbarger Rd
San Jose, CA 95111
Phone 408.224.9890
Fax 408.224.9891
www.Artika3.com

Consultant Seal

Legend



Project Title

**SANTA TERESA
ELEMENTARY SCHOOL
MODULAR CLASSROOM ADDITION**

6200 ENCINAL DRIVE
SAN JOSE, CA 95119

**SANTA CLARA COUNTY
OFFICE OF EDUCATION**

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	04/08/2016

Drawing Title

DETAILS

Regulatory Agency Approval

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

01-115705

AC: [Signature] FL: [Signature] SS: [Signature]

DATE: APR 08 2016

LICENSED ARCHITECT
LAWRENCE HOGROTH
No. C-22312
Exp. 03-31-17
STATE OF CALIFORNIA

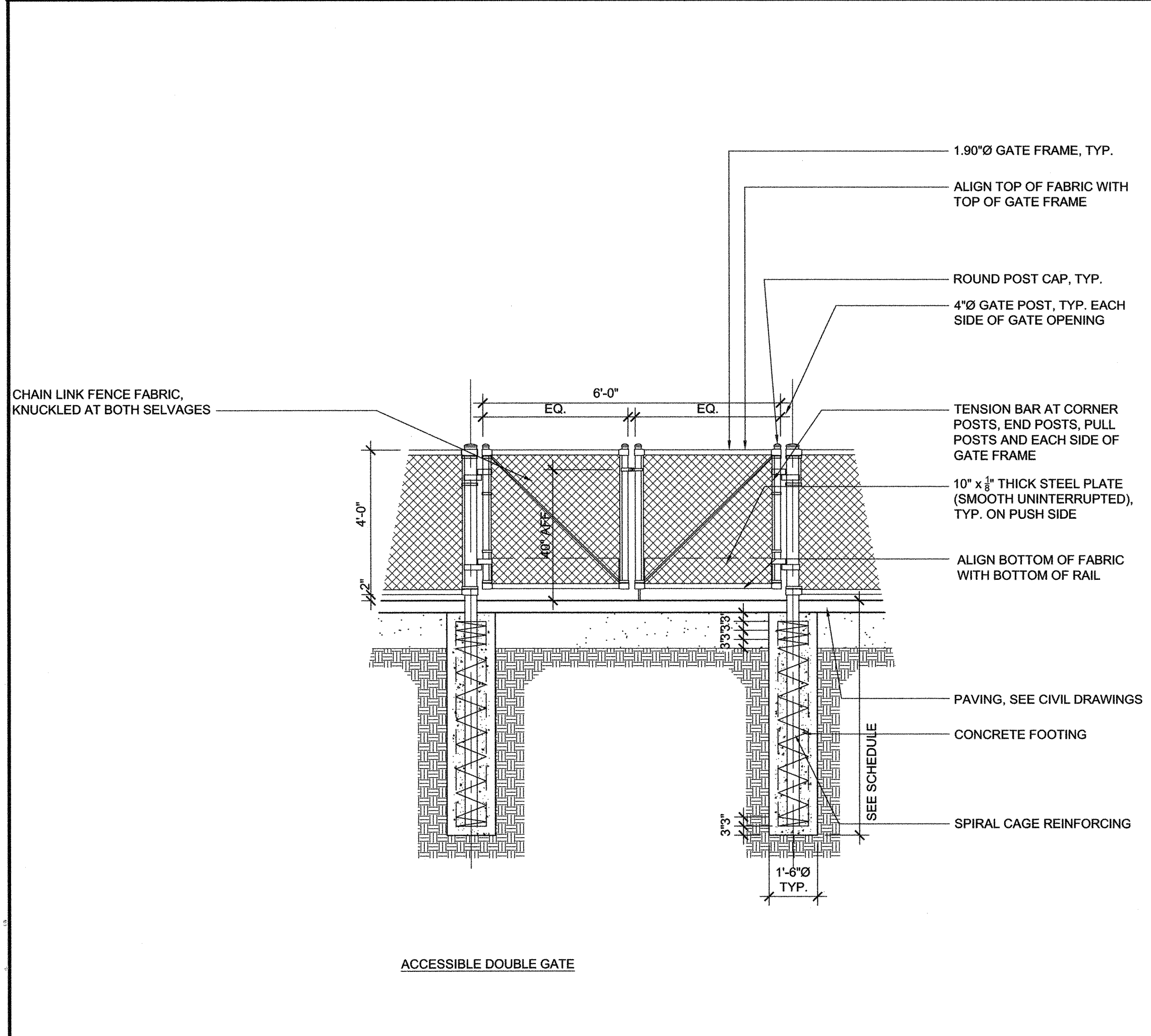
File Number

Application Number

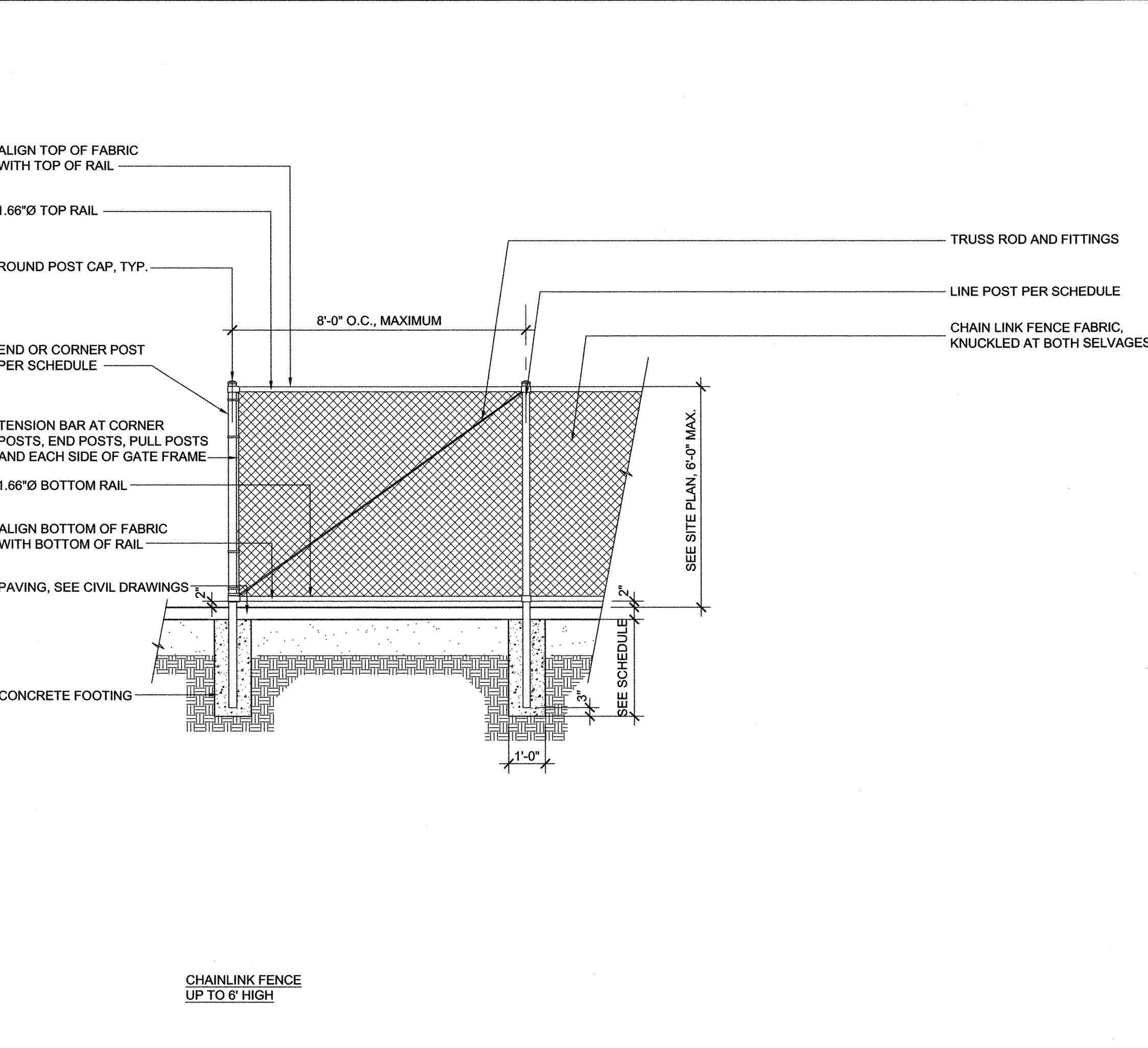
Project No.
06205

Date
04/08/16

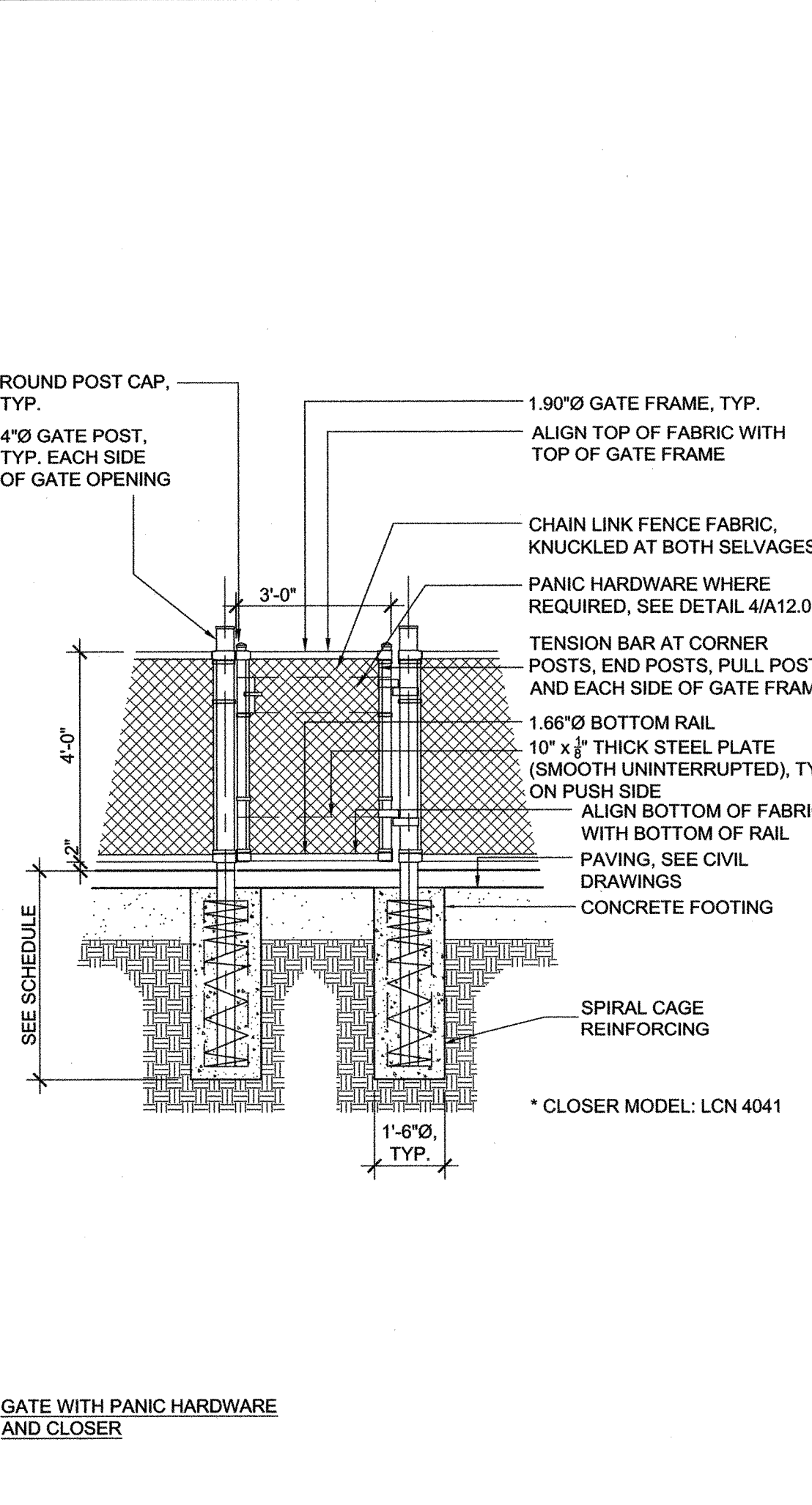
Drawing No.
A12.1



17 CHAIN LINK GATE 3/8\" = 1'-0"



9 CHAIN LINK FENCE 3/8\" = 1'-0"



1 CHAIN LINK GATE 3/8\" = 1'-0"

ELECTRICAL SYMBOLS

	JUNCTION BOX WITH COVER
	SPECIAL RECEPTACLE OUTLET. AMPERE, VOLTAGE, PHASE AND NEMA RATING AS NOTED ON THE DRAWINGS
	20A-120V DUPLEX RECEPTACLE OUTLET, NEMA 520R SPECIFICATION GRADE. MOUNTED ABOVE COUNTER SPLASH
	FLUSH MOUNTED PANELBOARD - SEE SCHEDULES
	SURFACE MOUNTED PANELBOARD - SEE SCHEDULES
	SWITCHBOARD, DISTRIBUTION PANEL, MCC - SEE SINGLE LINE DIAGRAM
	RECESS MOUNTED TERMINAL CABINET/CONTROL PANEL
	SURFACE MOUNTED TERMINAL CABINET/CONTROL PANEL
	CONDUIT AND CONDUCTORS INSTALLED UNDERGROUND OR BELOW SLAB
	CONDUIT AND CONDUCTORS CONCEALED IN WALL OR CEILING
	CONDUIT AND CONDUCTORS INSTALLED EXPOSED
	HOMERUN TO SWITCHBOARD, PANELBOARD, TERMINAL CABINET, ETC.
	WIRING TURNED UP
	WIRING TURNED DOWN
	CONDUIT OR DUCT STUB AND CAP
	20A-120V DUPLEX RECEPTACLE OUTLET FLUSH MOUNTED ON WIREMOLD.
	SURFACE MOUNTED NON-METALIC RACEWAY, 2 SECTION, 5 1/4" HIGH X 1 3/4" DEEP WITH COVER, WIREMOLD 5400 SERIES OR HUBBELL EQUAL WITH INLINE DUPLEX RECEPTACLES AND DATA OUTLET AS SHOWN AND ENTRANCE END FITTING ACCESSORIES FOR CONCEALED CONDUIT CONNECTION, U.O.N. MOUNT BOTTOM OF WIREMOLD AT +18" AFF.
	DATA DUAL JACK OUTLET, WALL MOUNTED +18" U.O.N. WITH BACKBOX AND 1" TO ACCESSIBLE CEILING SPACE OR MOUNTED ON SURFACE WIREWAY AS SHOWN ON PLAN. W DENOTES WIRELESS ACCESS
	DATA SINGLE JACK OUTLET, WALL MOUNTED +18" U.O.N. WITH BACKBOX AND 1" TO ACCESSIBLE CEILING SPACE OR MOUNTED ON SURFACE WIREWAY AS SHOWN ON PLAN
	SINGLE TELEPHONE OUTLET, MOUNTED AT +54" AFF.
	WALL MOUNTED PAGING SPEAKER
	CEILING MOUNTED PAGING SPEAKER
	AV INPUT. WALL MOUNTED +18" WITH 4" BACKBOX AND (2) 1 1/4" TO ACCESSIBLE CEILING SPACE.
	AV PIXIE CONTROL. WALL MOUNTED +54" WITH SINGLE GANG BOX AND 1" TO ACCESSIBLE CEILING SPACE.
	POWER PULL BOX
	SIGNAL PULL BOX
	SHEET NOTE IDENTIFICATION TAG, SEE RESPECTIVE "SHEET NOTES"

DENOTES GROUND WIRE
 CROSS LINES DENOTES QUANTITY OF #12 CONDUCTORS U.O.N.
 NO CROSS LINES DENOTES 2#12 & 1#12 G. MINIMUM.

ABBREVIATIONS

A, AMPS	AMPERES
AC	ALTERNATE CURRENT
AF	AMPERE FRAME
AFB	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTION CURRENT APPROXIMATE
APP.	ARCHITECT/ARCHITECTURAL
ARCH	ARCHITECT/ARCHITECTURAL
AWG	AMERICAN WIRE GAUGE
BKBD	BACKBOARD
BKR	BREAKER
C	CONDUIT
CO	CONDUIT ONLY
CU	COPPER
DET.	DETAIL
DIA	DIAMETER
DISC	DISCONNECT (SWITCH)
DWG	DRAWING
<E>	EXISTING
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
G	GROUND
GFI	GROUND FAULT INTERRUPTER
KCMIL	KILO CIRCULAR MILLS
KVA	KILOVOLT-AMPERES
KW	KILOWATTS
MAX	MAXIMUM
MIN	MINIMUM
MLO	MAIN LUGS ONLY
MTD	MOUNTED
MTG. HT.	MOUNTING HEIGHT
MSB	MAIN SWITCHBOARD
N	NEUTRAL
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
P	POLE
PH, Ø	PHASE
PA	PUBLIC ADDRESS
PNL	PANEL
<R>	REMOVE
<RE>	RELOCATED EXISTING
<RL>	RELOCATE
SYM	SYMMETRICAL
T, TEL	TELEPHONE
TRANS, XFMR	TRANSFORMER
TYP	TYPICAL
UNON	UNLESS OTHERWISE NOTED
V	VOLTS
VA	VOLT-AMPERES
W	WATTS
WP	WEATHERPROOF

GENERAL NOTES

1. READ THE SPECIFICATIONS AND COMPLY WITH ALL REQUIREMENTS. THESE GENERAL NOTES ARE INTENDED TO ASSIST THE CONTRACTOR DURING EXECUTION THE WORK; HOWEVER, THEY DO NOT COVER ALL OF THE SPECIFICATION REQUIREMENTS.
2. CONTRACTOR SHALL SECURE AND PAY FOR ALL CONSTRUCTION PERMITS AND LICENSES AND SHALL PAY ALL GOVERNMENTAL AND PUBLIC UTILITY CHARGES NECESSARY FOR THE EXECUTION OF THE WORK.
3. ALL ELECTRICAL WORK SHALL COMPLY WITH THE CURRENT APPROVED EDITION OF THE NATIONAL ELECTRICAL CODE, AS ACCEPTED AND AMENDED BY LOCAL ORDINANCES.
4. ANY EQUIPMENT AND MATERIALS FURNISHED BY THE CONTRACTOR SHALL BE NEW, UNUSED AND FREE FROM DEFECTS.
5. FINAL ACCEPTANCE OF WORK IN PLACE SHALL BE SUBJECT TO APPROVAL BY SCHOOL DISTRICT REPRESENTATIVE, TENANT AND ARCHITECT/ENGINEER. INSTALLATION APPROVAL SHALL BE BASED ON APPROVED SUBMITTAL, SHOP DRAWINGS AND LOCAL INSPECTIONS.
6. ALL WORK SHOWN ON DRAWINGS IS IN PART SCHEMATIC, INTENDED TO CONVEY SCOPE OF WORK AND GENERAL LAYOUT. VERIFY ALL EXISTING CONDITIONS AND MAKE ADJUSTMENTS AS REQUIRED.
7. BRANCH CIRCUIT RACEWAY SHALL BE A MINIMUM OF 3/4" ELECTRICAL METALLIC TUBING (EMT) UNLESS OTHERWISE NOTED. RACEWAYS IN RAISED FLOOR OR IN PLENUM SPACE SHALL BE A MINIMUM OF 3/4" RIGID GALVANIZED STEEL (RGS) OR RIGID ALUMINUM (RAL) UNLESS OTHERWISE NOTED.
8. ALL ELECTRICAL RACEWAYS SHALL BE CONCEALED IN THE WALLS AND ABOVE SUSPENDED CEILING OR BELOW RAISED FLOOR UNLESS OTHERWISE NOTED.
9. ALL CONDUCTORS SHALL BE #12 AWG MINIMUM TYPE THHN/THWN UNLESS NOTED OTHERWISE.
10. ELECTRICAL DEVICES MOUNTED ON OPPOSITE SIDES OF THE FIRE RATED WALL SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF AT LEAST 24". PENETRATIONS IN WALLS, FLOORS OR CEILING, WHICH REQUIRE PROTECTED OPENINGS SHALL BE FIRE-STOPPED WITH APPROVED MATERIAL SECURELY INSTALLED TO MAINTAIN INTEGRITY OF THE FIRE RATING. MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE MADE AVAILABLE TO THE INSPECTION AUTHORITY AND BE MAINTAINED AT THE JOB SITE.
11. ALL OUTDOOR ELECTRICAL EQUIPMENT SHALL BE WEATHERPROOF.
12. ALL CEILING MOUNTED ELECTRICAL DEVICES AND/OR EQUIPMENT SHALL BE SUPPORTED FROM THE STRUCTURE ABOVE UNOT FROM CEILING TILE.
13. EXACT LOCATION OF ELECTRICAL DEVICES SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO INSTALLATION.
14. CONDUIT ROUTES SHOWN ARE APPROXIMATE ONLY AND MUST BE ADJUSTED IN THE FIELD TO CLEAR OTHER FACILITIES.
15. SEAL AIRTIGHT ALL CONDUIT PENETRATIONS THROUGH ALL MECHANICAL PLENUM WALLS, INTERIOR AND EXTERIOR.
16. ALL CUTTING, PATCHING AT WALLS AND EXPOSED CONDUITS SHALL BE PAINTED TO MATCH ADJACENT FINISHED.

DRAWING INDEX

E0.1	ELECTRICAL SYMBOLS, ABBREVIATIONS AND NOTES
E1.1	ELECTRICAL SITE PLAN
E2.1	ELECTRICAL, FIRE ALARM PLANS AND WIRING DIAGRAMS
E3.1	DETAILS
E4.1	FIRE ALARM DETAILS
E4.2	FIRE ALARM RISER AND CALCULATIONS

SCHOOL EQUIPMENT ANCHORAGE NOTE

ALL ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2013 CBC, SECTIONS 1616A.1.18, 1616A.1.26 AND ASCE 7-10 CHAPTER 6 AND 30.

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY OR MOVABLE EQUIPMENT ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
3. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE ATTACHMENT OF THE FOLLOWING ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED PIPING, AND CONDUIT.

- A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE 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.

FOR THESE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

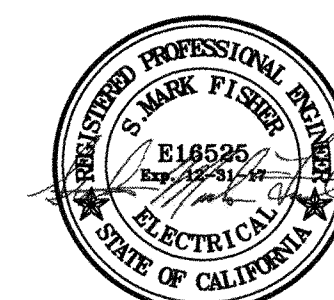


394-A Umbarger Rd
San Jose, CA 95111
Phone 408.224.9890
Fax 408.224.9891
www.Artika3.com

Consultant Seal

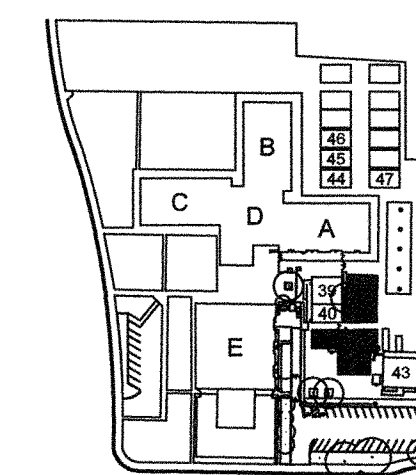
ALFATECH

1321 RIDDER PARK DRIVE, SUITE 50 SAN JOSE, CALIFORNIA 95131
408-487-1200
SAN JOSE • SAN FRANCISCO • THAILAND • SINGAPORE
SYDNEY • MELBOURNE • DUBLIN • CORK • LONDON • DUBAI
AT Project No. 216141



Date Signed 4/8/2016

Key Plan



Project Title

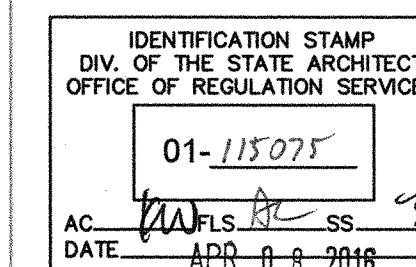
**SANTA TERESA
ELEMENTARY SCHOOL
MODULAR CLASSROOM ADDITION**
6200 ENCINAL DRIVE
SAN JOSE, CA 95119
SANTA CLARA COUNTY
OFFICE OF EDUCATION

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	04/08/2016

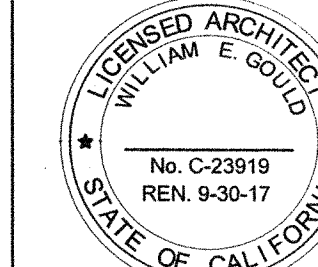
Drawing Title

**SYMBOLS,
ABBREVIATIONS,
NOTES AND DETAILS**

Regulatory Agency Approval



Architect Seal



File Number

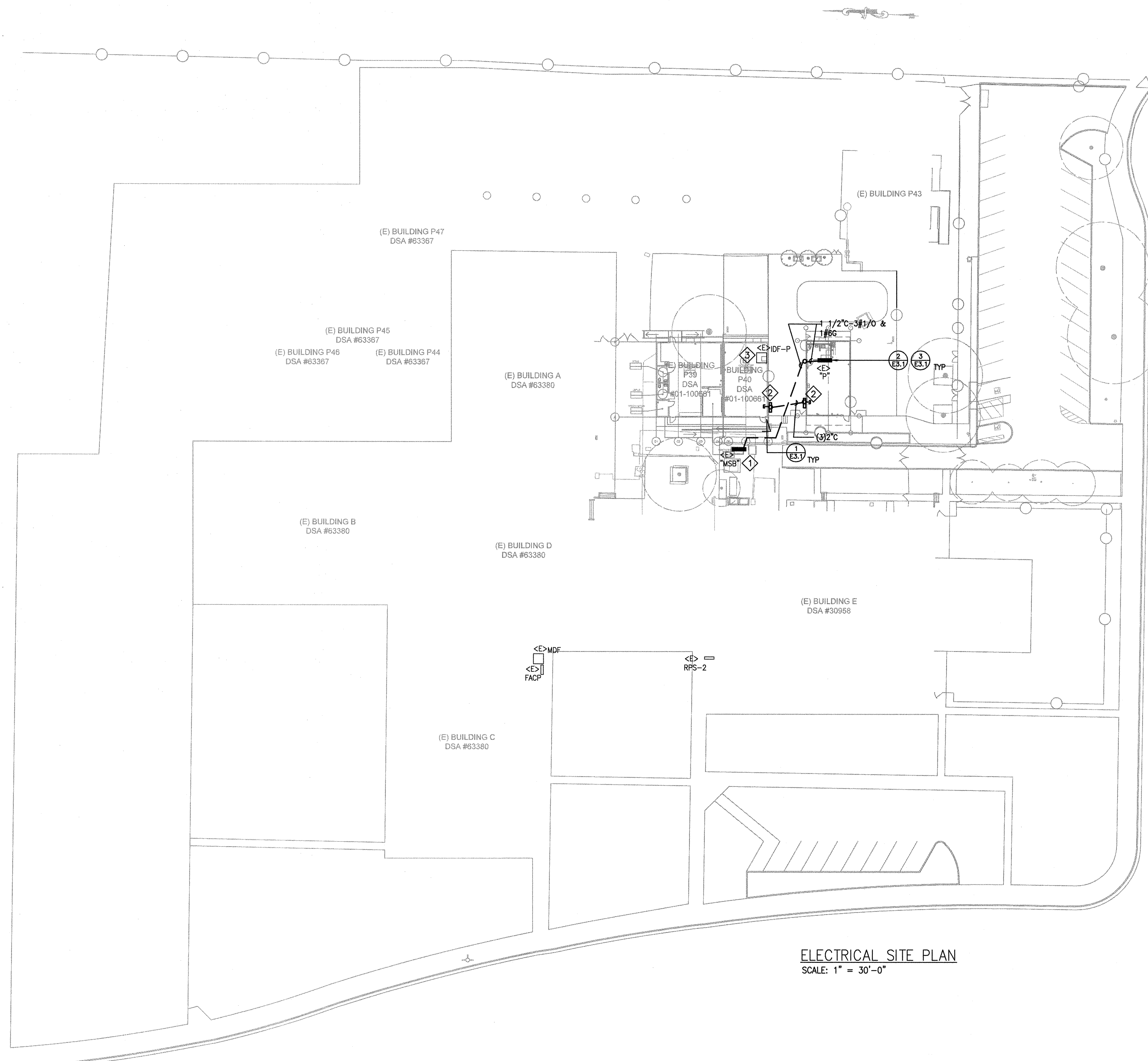
Application Number

Project No.
135135

Date
04/08/16

Drawing No

E0.1



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

GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN AN INDEPENDANT UTILITY LOCATER TO POTHOLE AND IDENTIFY ALL <E> UTILITIES PRIOR TO TRENCHING/BORING.
2. <E> INFORMATION SHOWN ON THE DRAWING WAS OBTAINED FROM DISTRICT AVAILABLE RECORD DRAWING. CONTRACTOR SHALL FIELD VERIFY ALL ROUTING PRIOR TO COMMENCEMENT OF WORK.

SHEET NOTES:

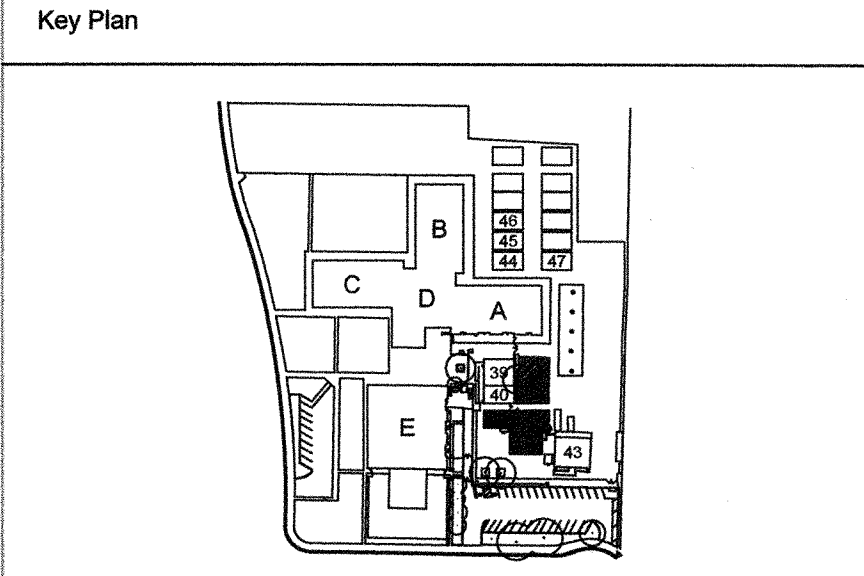
- 1 PROVIDE (1) 150A/2P BREAKER AT <E> SPACE. THE NEW BREAKER SHALL BE COMPATIBLE WITH <E> PANEL AIC RATING.
- 2 PROVIDE 18"x18"x6" WP PULLBOX AT CEILING HEIGHT FOR CONDUIT RISERS UP ALONG EXTERIOR WALL AND STUB 6" INTO CEILING SPACE. PROVIDE UNISTRUT SUPPORT ALONG WALL.
- 3 DISCONNECT <E> CABLE CONNECTIONS. PROVIDE WALL MOUNTED 24"x24"x24" SWING CABINET 6" BELOW CEILING WITH PATCH PANELS FOR RECONNECTION OF <E> AND <N> CABLES. PROVIDE CABLE TESTING TO ENSURE PROPER CONNECTIVITY. PROVIDE 20AMP QUADRUPLEX OUTLET AND CONNECT TO A DEDICATED 20A CIRCUIT FROM THE PORTABLE PANEL.

ARTiK
ART & ARCHITECTURE
394-A Umbarger Rd
San Jose, CA 95111
Phone 408.224.9890
Fax 408.224.9891
www.Artika3.com

Consultant Seal

ALFATECH
1321 RIDDER PARK DRIVE, SUITE 50 SAN JOSE, CALIFORNIA 95131
408-487-1200
SAN JOSE • SAN FRANCISCO • THAILAND • SINGAPORE
SYDNEY • MELBOURNE • DUBLIN • CORK • LONDON • DUBAI
AT Project No. 216141

Professional Seal
Date Signed 4/8/2016



Project Title

**SANTA TERESA
ELEMENTARY SCHOOL
MODULAR CLASSROOM ADDITION**
6200 ENCINAL DRIVE
SAN JOSE, CA 95119
SANTA CLARA COUNTY
OFFICE OF EDUCATION

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	04/08/2016

Drawing Title

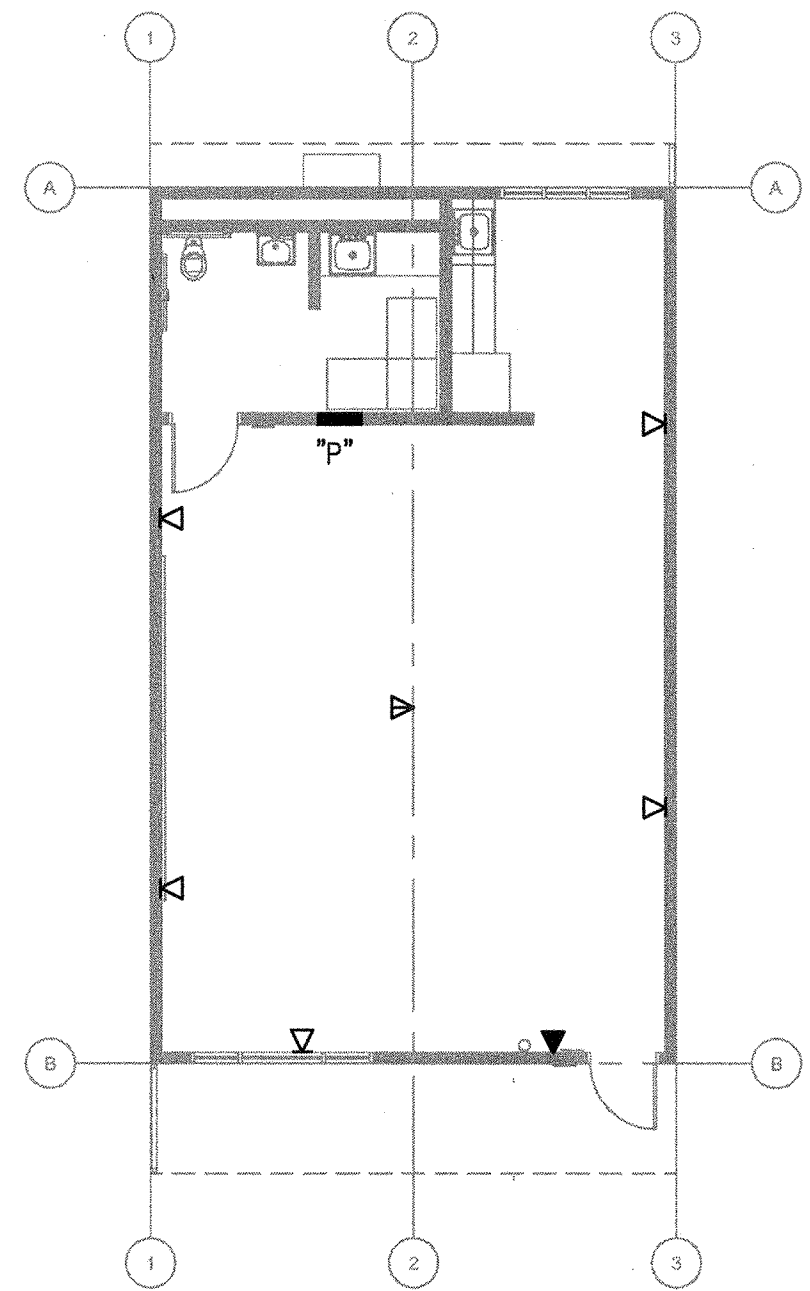
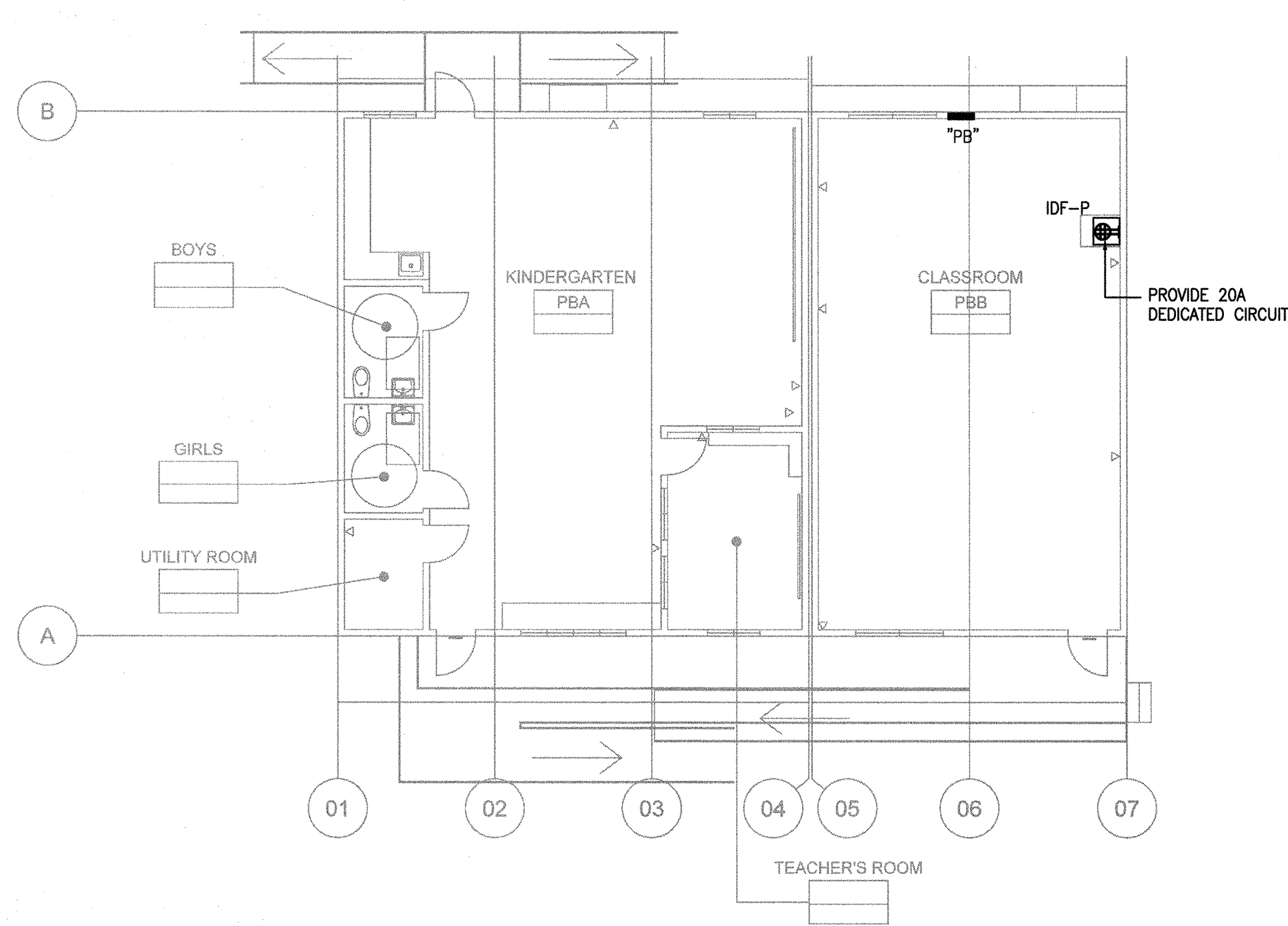
ELECTRICAL SITE PLAN

Regulatory Agency Approval

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
01-115705
AC. DATE APR 11 2016

Architect Seal
No. C-23819
REN. 9-30-17
STATE OF CALIFORNIA

File Number	Drawing No
Application Number	E1.1
Project No.	
Date	



GENERAL NOTES:

- COORDINATE WITH PORTABLE POWER OUTLET LOCATIONS AND REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT DEVICE LAYOUT.



394-A Umbarger Rd
 San Jose, CA 95111
 Phone 408.224.9890
 Fax 408.224.9891
 www.Artika3.com

Consultant Seal

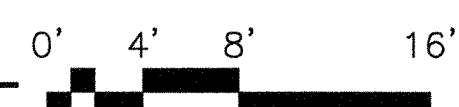
ALFATECH

1321 RIDDER PARK DRIVE, SUITE 50 408-487-1200
 SAN JOSE, CALIFORNIA 95131 FAX: 408-487-1422
 SAN JOSE • SAN FRANCISCO • THAILAND • SINGAPORE
 SYDNEY • MELBOURNE • DUBLIN • CORK • LONDON • DUBAI
 AT Project No. 216141

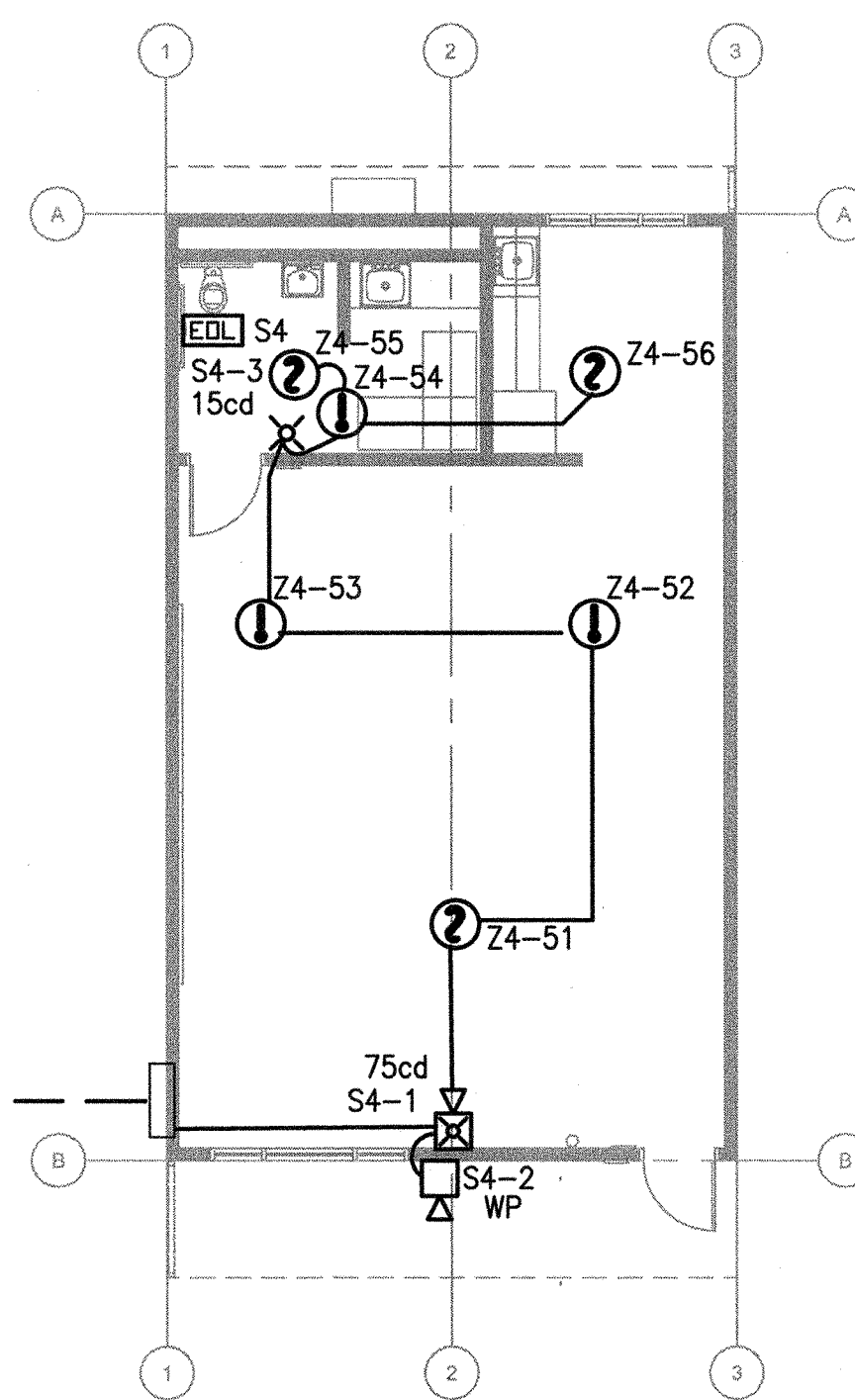
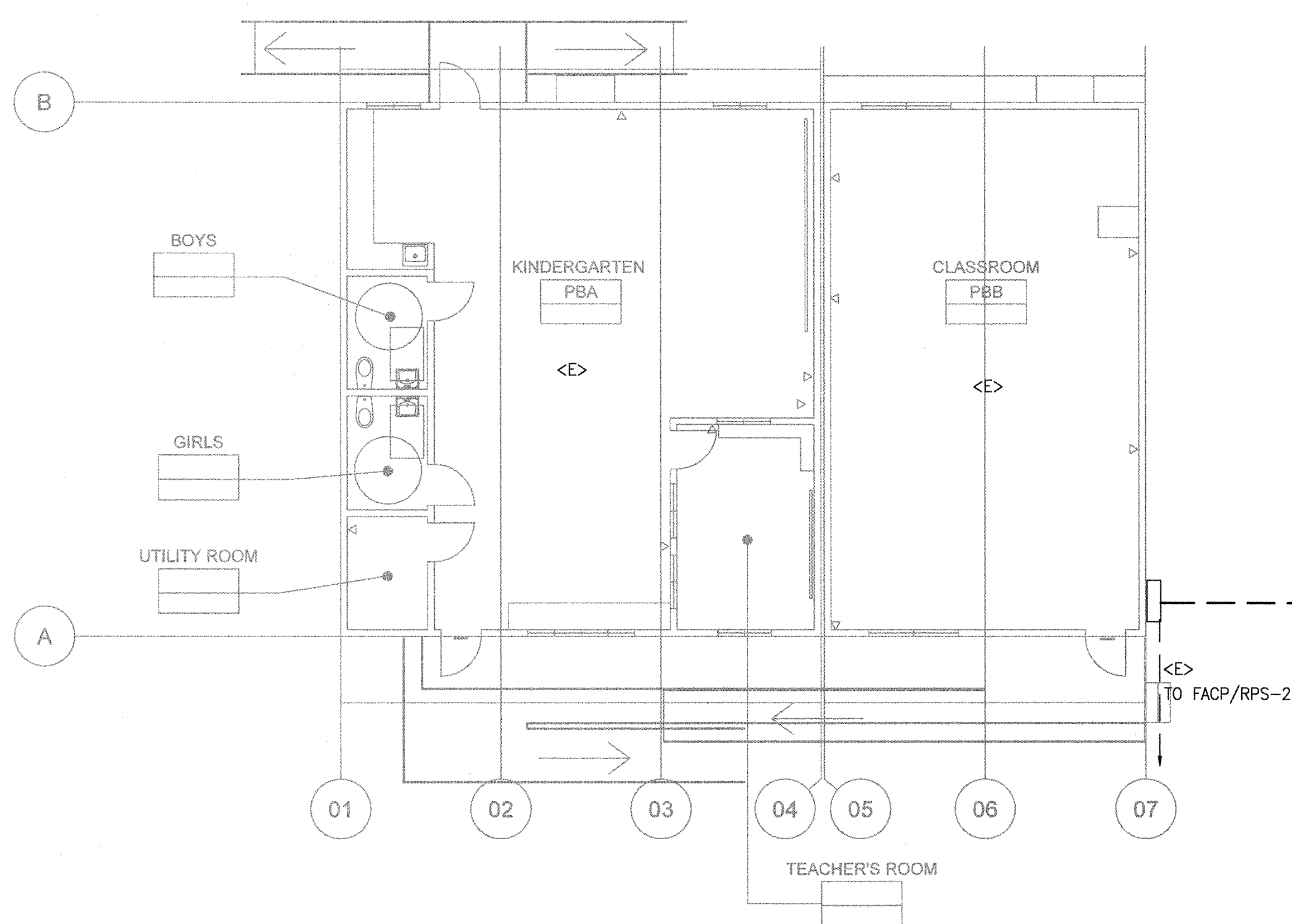
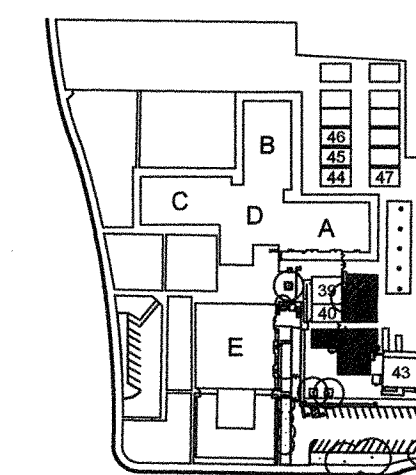


Date Signed 4/8/2016

1 ELECTRICAL PLAN



Key Plan



2 FIRE ALARM PLAN



Project Title

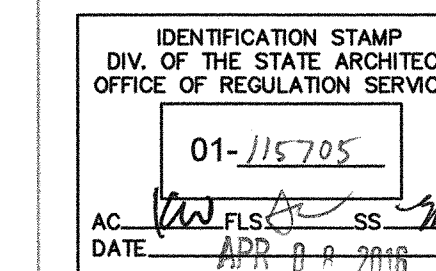
**SANTA TERESA
 ELEMENTARY SCHOOL
 MODULAR CLASSROOM ADDITION**
 6200 ENCINAL DRIVE
 SAN JOSE, CA 95119
 SANTA CLARA COUNTY
 OFFICE OF EDUCATION

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	04/08/2016

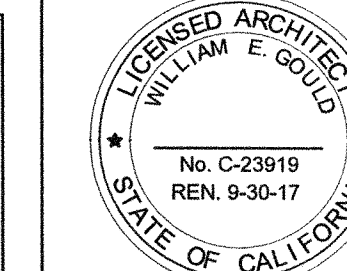
Drawing Title

**ELECTRICAL AND
 FIRE ALARM PLANS**

Regulatory Agency Approval



Architect Seal



File Number

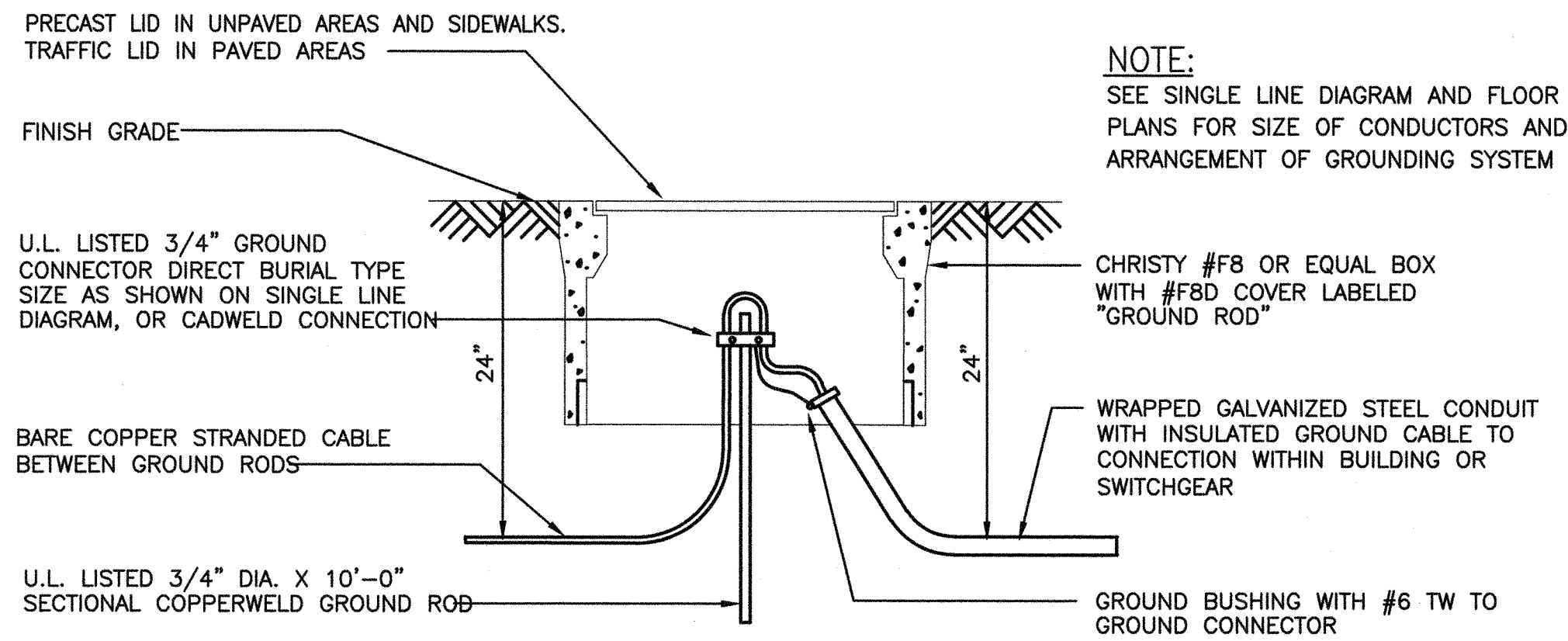
Application Number

Project No. 135135

Date 04/08/16

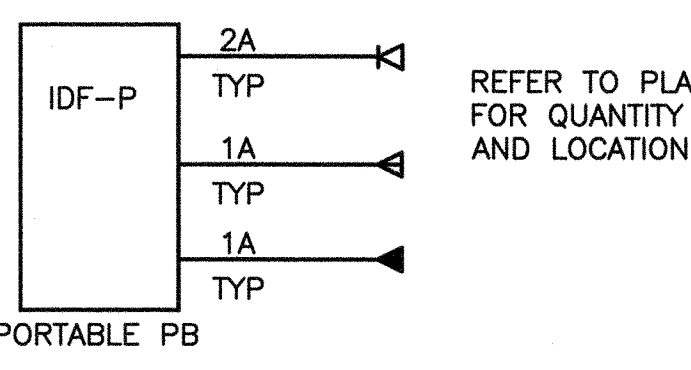
Drawing No

E2.1



NOTE:
SEE SINGLE LINE DIAGRAM AND FLOOR PLANS FOR SIZE OF CONDUCTORS AND ARRANGEMENT OF GROUNDING SYSTEM

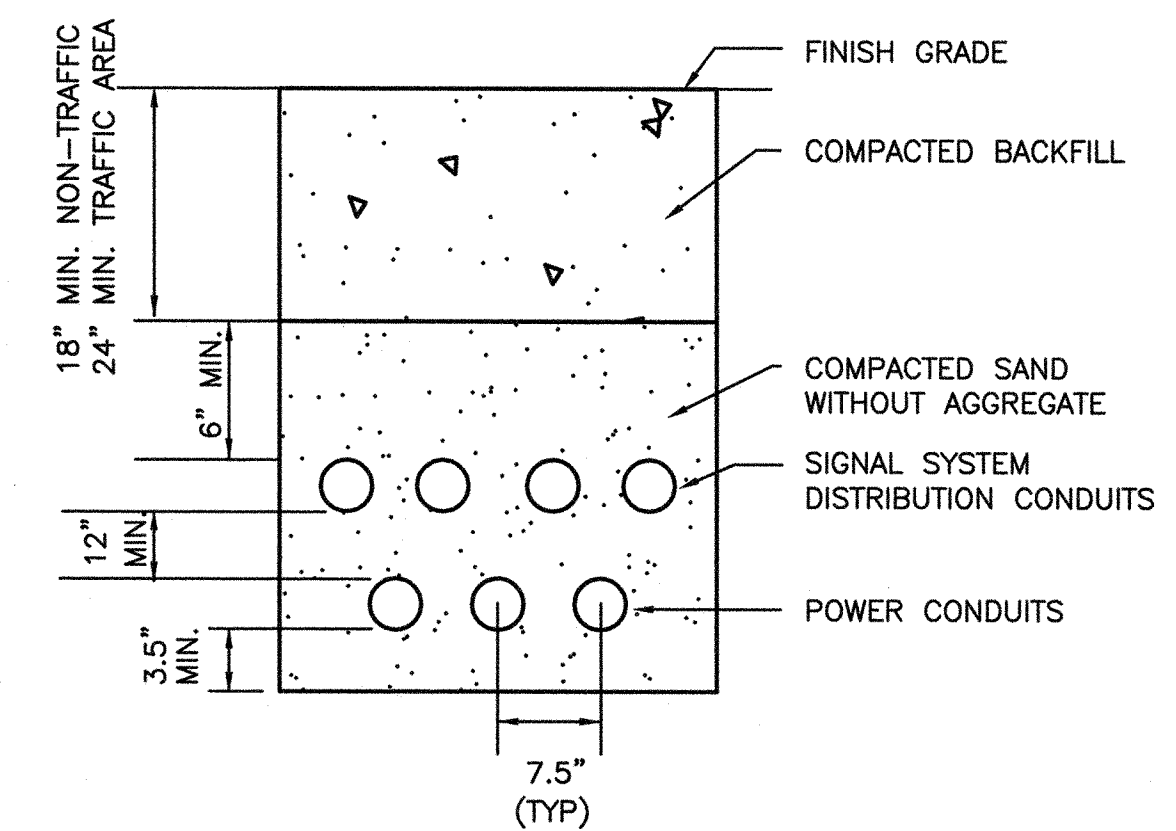
3 GROUND ROD AND INSPECTION WELL
NOT TO SCALE



CABLE LEGEND
A = 4 PR CAT 6 BLUE

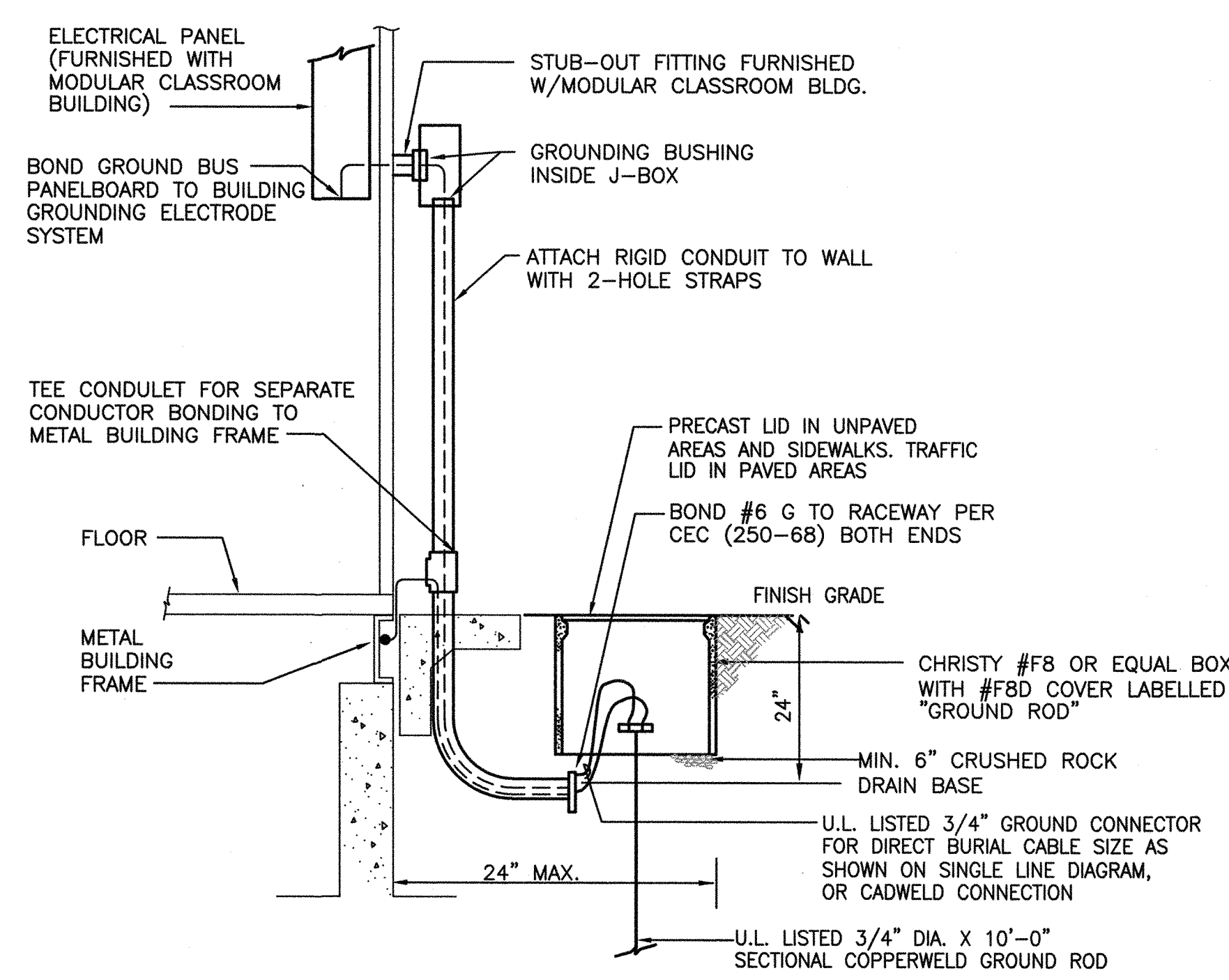
NOTES:
1. ALL CABLE INSTALLED UNDERGROUND SHALL BE WATER TIGHT TYPE AND RATED FOR UNDERGROUND INSTALLATION.
2. CONTRACTOR SHALL VERIFY EXACT CABLE COLOR WITH DISTRICT PRIOR TO ORDERING.

4 DATA/TEL WIRING DIAGRAM
NOT TO SCALE



NOTES:
1. SEE SITE PLAN FOR NUMBER AND SIZE OF CONDUITS PER TRENCH.

1 TYPICAL TRENCH DETAIL
NOT TO SCALE



SYSTEM GROUND DETAIL NOTES:

1. SIZE OF CONDUCTORS SHALL COMPLY WITH 2010 CEC.
2. PROVIDE SEPARATE GROUNDING ELECTRODE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL AND TO METAL BLDG. FRAME (CEC 250-32) AND BOND TOGETHER ACCORDINGLY. BOND THE BLDG. GROUND ELECTRODE SYSTEM TO METAL WATER PIPE EMBEDDED AT LEAST 10' INTO THE SOIL IF AVAILABLE (CEC 250-50 & 250-52)
3. ALL MODULES OF THE METAL FRAME BLDG. RAMPS, RAILINGS AND LANDINGS SHALL BE EFFECTIVELY BONDED TOGETHER TO THE BLDG. GROUNDING ELECTRODE SYSTEM (BOLTING ONLY IS NOT ACCEPTABLE).
4. CHECK RESISTANCE TO GROUND TO VERIFY RESISTANCE DOES NOT EXCEEDS 25 OHMS. INSTALL ADDITIONAL GROUND RODS (CEC 250- 56) AS REQUIRED.
5. PROVIDE GROUNDING TEST REPORT TO ENGINEERS.

2 MODULAR GROUND DETAIL
NOT TO SCALE



394-A Umbarger Rd
San Jose, CA 95111
Phone 408.224.9890
Fax 408.224.9891
www.Artika3.com

Consultant Seal

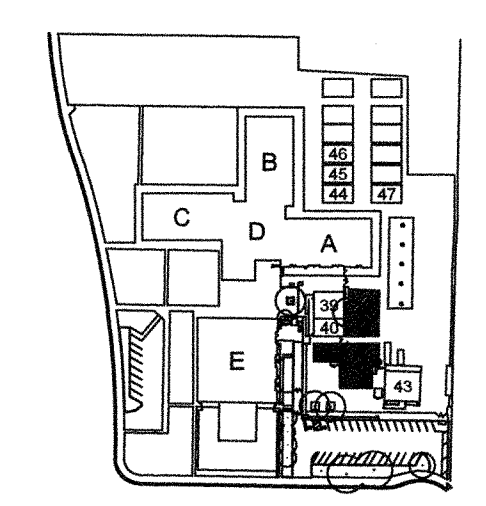


1321 RIDDER PARK DRIVE, SUITE 50 408-487-1200
SAN JOSE, CALIFORNIA 95131 FAX: 408-487-1422
SAN JOSE • SAN FRANCISCO • THAILAND • SINGAPORE
SYDNEY • MELBOURNE • DUBLIN • CORK • LONDON • DUBAI
AT Project No. 216141



Date Signed 4/8/2016

Key Plan



Project Title

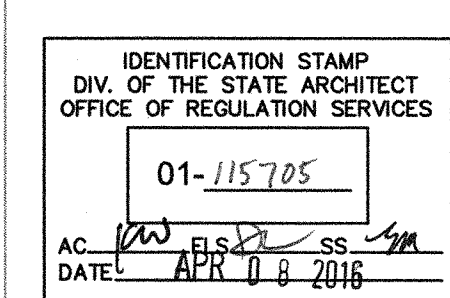
**SANTA TERESA
ELEMENTARY SCHOOL
MODULAR CLASSROOM ADDITION**
6200 ENCINAL DRIVE
SAN JOSE, CA 95119
**SANTA CLARA COUNTY
OFFICE OF EDUCATION**

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	04/08/2016

Drawing Title

DETAILS

Regulatory Agency Approval



Architect Seal



File Number

Application Number

Project No.
135135

Date
04/08/16

Drawing No

E3.1

FIRE ALARM MATERIAL LIST

SYMBOL	NAME	DESCRIPTION	CALIFORNIA STATE FIRE MARSHAL LISTING
FACP	<E> FIRE ALARM CONTROL PANEL-ANALOG ADDRESSABLE	HARRINGTON T8000	7165-0476-0172
RES	<E> FIRE ALARM REMOTE POWER SUPPLY	WHEELLOCK PS-6	7315-0785-0167
∇	FIRE ALARM HORN/STROBE	WHEELLOCK HSR	7125-0785-0168
⊗	FIRE ALARM STROBE	WHEELLOCK STR	7125-0785-0168
∇WP	FIRE ALARM HORN WITH WEATHERPROOF BACK-BOX	WHEELLOCK AH-24WP	7125-0785-0131
②	PHOTOELECTRIC SMOKE DETECTOR	SYSTEM SENSOR 2251/B501 BASE	7272-1653:0123 7300-1653:0109
①	HEAT DETECTOR	SYSTEM SENSOR 5251/B501 BASE	7270-1653:0137 7300-1653:0109
EDL	END OF LINE		

APPLICABLE CODES:

2013 BUILDING STANDARDS' ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R.
 2013 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24, C.C.R.
 (2012 INTERNATIONAL BUILDING CODE AND 2013 CALIFORNIA AMENDMENTS)
 2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24, C.C.R.
 (2011 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
 2013 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R.
 (2012 UNIFORM MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
 2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R.
 (2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
 2013 CALIFORNIA ENERGY CODE, PART 6, TITLE 24, C.C.R.
 2013 CALIFORNIA FIRE CODE, PART 9, TITLE 24, C.C.R.
 (2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)
 TITLE 19 C.C.R. PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
 PARTIAL LIST OF APPLICABLE STANDARDS:

NFPA 13 AUTOMATIC SPRINKLER SYSTEMS 2013 EDITION
 NFPA 14 STANDPIPE SYSTEMS (CA AMENDED) 2013 EDITION
 NFPA 17A WET CHEMICAL SYSTEMS 2013 EDITION
 NFPA 24 PRIVATE FIRE MAINS (CA AMENDED) 2013 EDITION
 NFPA 72 NATIONAL FIRE ALARM CODE (CA AMENDED) 2013 EDITION
 REFERENCE CODE SECTION FOR NFPA STANDARDS, 2013 CBC (SFM) CHAPTER 35.

FIRE ALARM NOTES

- POWER SERVICE SHALL BE ON A DEDICATED BRANCH CIRCUIT WITH A RED MARKING AND IDENTIFIED AS "FIRE ALARM CIRCUIT CONTROL". (NFPA 72 4.4.1.4.2.1 & 2)
- PROVIDE TEMPORAL-THREE DISTINCTIVE FIRE ALARM SOUND. (NFPA 72 4.4.3.3)
- AUDIBLE FIRE ALARM SOUND LEVEL SHALL BE AT LEAST 15 dBA ABOVE THE AVERAGE AMBIENT SOUND LEVEL IN ALL OCCUPIABLE AREAS. (NFPA 72 7.4.2.1) (I.E. CLASSROOM AVERAGE AMBIENT ROOM NOISE IS 45 dBA PLUS 15 dBA EQUALS = 60 dBA MINIMUM ALARM TONE REQUIRED.)
- STROBES SHALL FLASH AT A RATE OF NOT EXCEEDING TWO FLASHES PER SECOND NOR BE LESS THAN ONE FLASH EVERY SECOND (NFPA 72 7.5.2.1).
- CBC SEC. 3501.1 AUDIBLE SIGNALS INTENDED FOR OPERATION IN THE PUBLIC MODE SHOULD HAVE A SOUND LEVEL OF NOT LESS THAN 75 dBA AT 10 FEET OR MORE THAN 100 dBA AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE APPLIANCE.
- FINAL FIRE ALARM TEST SHALL BE MADE WITH THE DSA INSPECTOR OF RECORD (IOR). LOCAL FIRE AUTHORITY SHALL BE NOTIFIED OF DATE AND TIME OF FINAL FIRE ALARM TESTING AND SHALL ASSIST/WITNESS SUCH TESTING AT THEIR DISCRETION.
- FIRE ALARM CONTRACTOR SHALL PROVIDE A "RECORD OF COMPLETION" TO THE INSPECTOR OF RECORD (IOR)/DSA AFTER COMPLETION OF OPERATIONAL ACCEPTANCE TEST. (NFPA 72 4.5.2.1 & FIGURE 4.5.2.1).
- CONTRACTOR SHALL VERIFY EXACT DEVICE AND CABLE TYPE WITH FACP MANUFACTURER TO ENSURE COMPATIBILITY PRIOR TO ORDERING. PROVIDE ALL NECESSARY MODULES, RELAYS, ETC TO ENSURE A COMPLETE OPERATING SYSTEM.

OPERATION MATRIX

	ANNUNCIATE ALARM AT FACP	ANNUNCIATE TROUBLE CONDITION AT FACP	ACTIVATE HORN, HORN/STROBES THROUGHOUT THE ENTIRE SCHOOL	CENTRAL STATION
MANUAL STATIONS	XX		XX	XX
HEAT DETECTOR	XX		XX	XX
SMOKE DETECTOR	XX		XX	XX
SYSTEM TROUBLE		XX		XX

SCOPE OF WORK :

PROVIDE AUTOMATIC FIRE ALARM SYSTEM, DEVICES AND CABLING AT NEW RESROOM PORTABLE AND CONNECTION TO <E> CAMPUS FIRE ALARM PANEL.

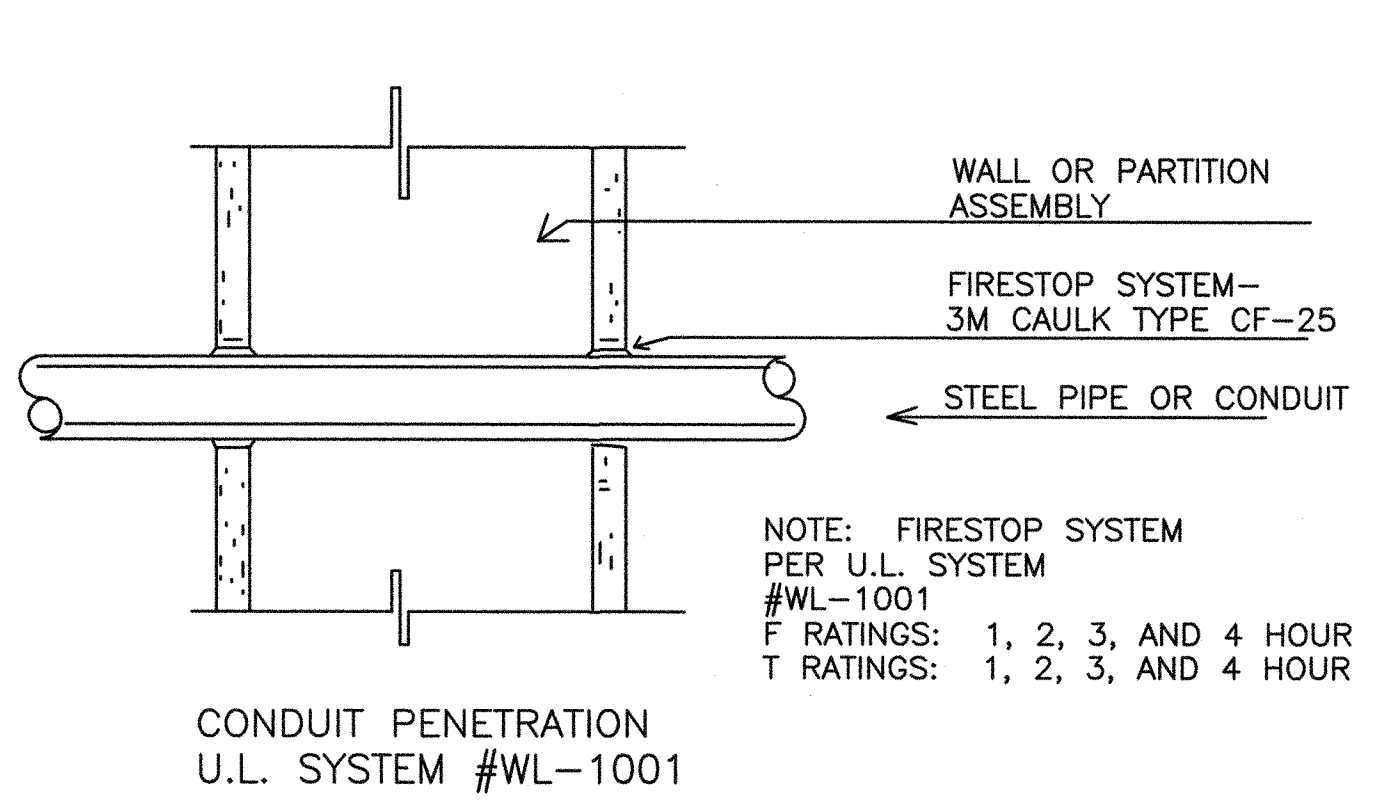
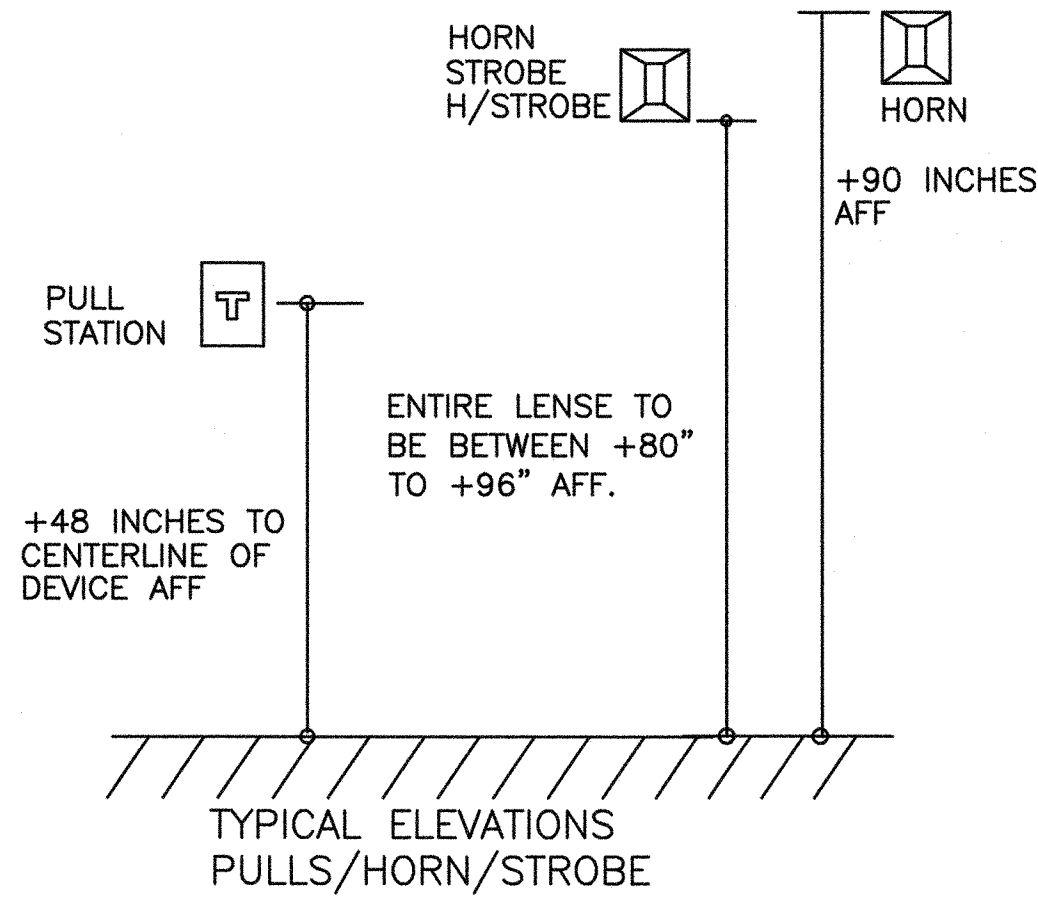
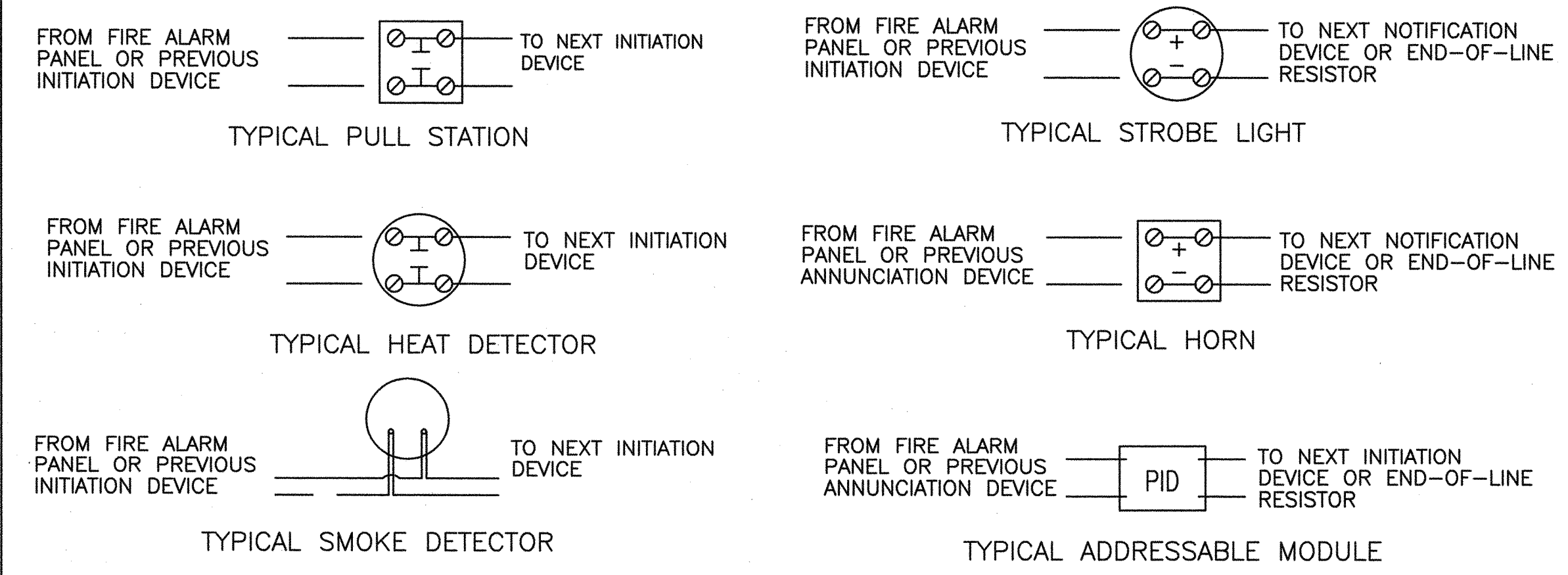
THE <E> FIRE ALARM SYSTEM COMPLIES WITH SB575 GREEN OAKS FAMILY ACADEMY ELEMENTARY SCHOOL FIRE PROTECTION ACT SUPERVISION REQUIREMENT.

TYPE OF SYSTEM

THIS IS A MAUAL / AUTOMATIC ADDRESSABLE FIRE ALARM SYSTEM.
 CLASS "B" DETECTION. STYLE 4 INITIATION.
 CLASS "B" DETECTION. STYLE Y NOTIFICATION.

'A' = WEST PENN D980 - ABOVE GRADE
 'A' = WEST PENN AQC224 - BELOW GRADE
 'B' = 2 EACH THWN #12 - RACEWAY
 'B' = 2 EACH THWN #12 - BELOW GRADE
 'C' = WEST PENN AQC430 (2 PAIR #22 INDIVIDUALLY SHIELDED)

TYPICAL FIRE ALARM DETAILS



ARTiK
 ART & ARCHITECTURE

394-A Umbarger Rd
 San Jose, CA 95111
 Phone 408.224.9890
 Fax 408.224.9891
 www.Artika3.com

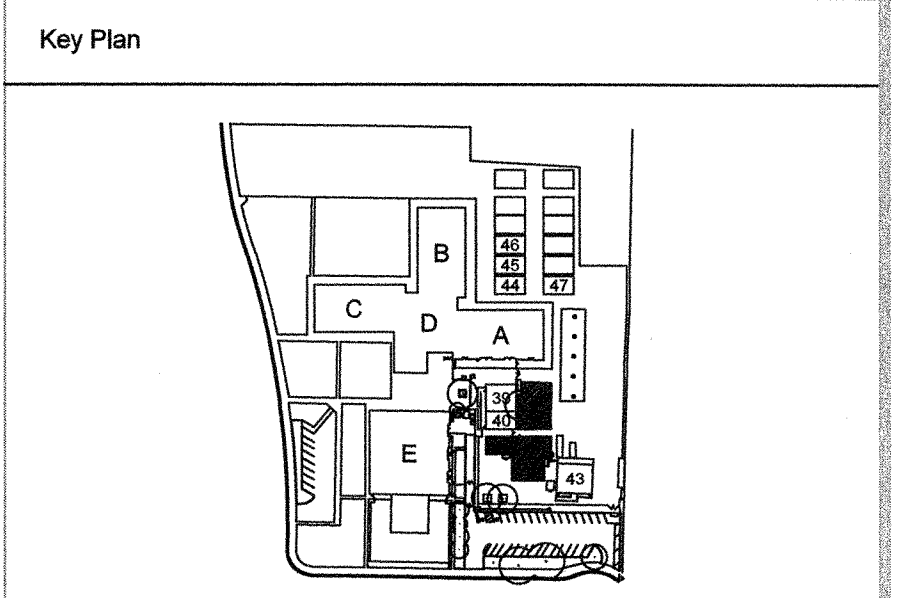
Consultant Seal

ALFATECH

1321 RIDDER PARK DRIVE, SUITE 50 SAN JOSE, CALIFORNIA 95131
 SAN JOSE, CALIFORNIA 95131 FAX: 408-487-1422
 SAN JOSE • SAN FRANCISCO • THAILAND • SINGAPORE
 SYDNEY • MELBOURNE • DUBLIN • CORK • LONDON • DUBAI
 AT Project No. 216141

PROFESSIONAL ENGINEER
 E. MARK FISHER
 LICENSE NO. 51852
 ELECTRICAL
 STATE OF CALIFORNIA

Date Signed 4/8/2016



Project Title

SANTA TERESA ELEMENTARY SCHOOL MODULAR CLASSROOM ADDITION

6200 ENCINAL DRIVE
 SAN JOSE, CA 95119

SANTA CLARA COUNTY OFFICE OF EDUCATION

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	04/08/2016

Drawing Title

FIRE ALARM DETAILS AND DETAILS

Regulatory Agency Approval

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

01-115705
 3-31-17
 DATE APR 11 2016

Architect Seal

LICENSED ARCHITECT
 WILLIAM E. GORDON
 No. C-23919
 REN. 9-30-17
 STATE OF CALIFORNIA

File Number	Drawing No
Application Number	
Project No.	135135
Date	04/08/16

E4.1

Consultant Seal

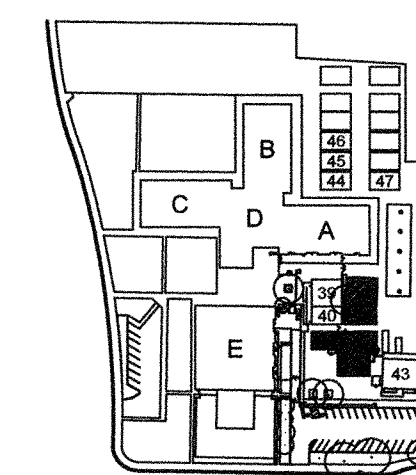
ALFATECH

1321 RIDDER PARK DRIVE, SUITE 50 SAN JOSE, CALIFORNIA 95131
408-487-1200
408-487-1422
SAN JOSE • SAN FRANCISCO • THAILAND • SINGAPORE
SYDNEY • MELBOURNE • DUBLIN • CORK • LONDON • DUBAI
AT Project No. 216141



Date Signed 4/8/2016

Key Plan



Project Title

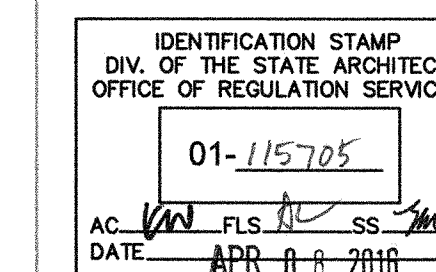
**SANTA TERESA
ELEMENTARY SCHOOL
MODULAR CLASSROOM ADDITION**
6200 ENCINAL DRIVE
SAN JOSE, CA 95119
**SANTA CLARA COUNTY
OFFICE OF EDUCATION**

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	04/08/2016

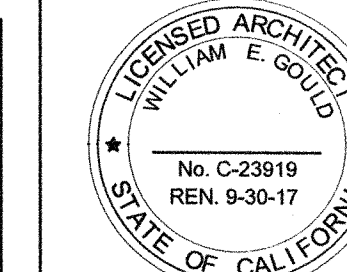
Drawing Title

FIRE ALARM RISER AND CALCULATIONS

Regulatory Agency Approval



Architect Seal



File Number

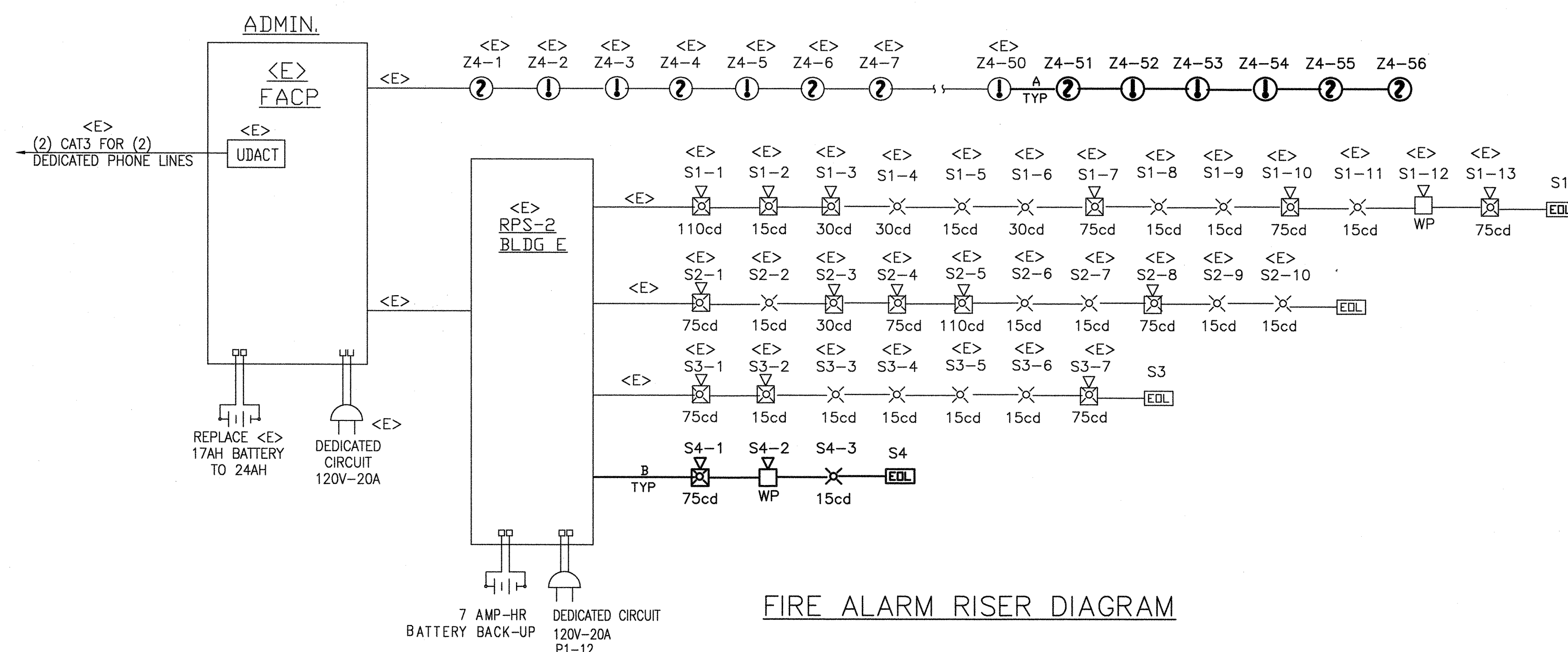
Application Number

Project No.
135135

Date
04/08/16

Drawing No

E4.2



FIRE ALARM RISER DIAGRAM

<E> FACP @ ADMIN			DEVICE	TOTAL	ALARM	TOTAL
MODEL	DESCRIPTION	QTY	SUPERVISORY CURRENT	SUPERVISORY CURRENT	CURRENT	ALARM CURRENT
HS-18000	FACP	1	0.1	0.100	0.100	0.100
	DATA LOOPS	2	0.0265	0.053	0.051	0.102
	NOTIFICATION CIRCUIT	6	0.01	0.060	1.000	6.000
TOTAL SYSTEM				0.213		6.202
STANDBY						ALARM
CURRENT (AMP)						CURRENT (AMP)
PERIOD 60HR			60			ALARM PERIOD 5 MIN.
REQUIRED						
STANDBY						
CAPACITY				12.780		REQUIRED ALARM CAPACITY
						0.515
						TOTAL REQUIRED
						CAPACITY (AMP-HOURS)
						13.295
						SAFETY MARGIN (20%)
						2.659
						REQUIRED BATTERY
						CAPACITY (AMP-HOURS)
						15.954
						EXISTING BATTERY SIZE
						17

<E>RPS-2 @ BLDG. E		<N>	<E>	DEVICE	TOTAL	ALARM	TOTAL
MODEL	DESCRIPTION	QTY	QTY	SUPERVISORY CURRENT	SUPERVISORY CURRENT	ALARM CURRENT	ALARM CURRENT
PS-6	REMOTE PS	0	1	0.048	0.048	0.048	0.048
AH-24WP	EXTERIOR HORN	1	1	0.000	0.000	0.000	0.000
STR-15	STROBE 15 CD	1	13	0.000	0.000	0.057	0.110
STR-30	STROBE 30 CD	0	2	0.000	0.000	0.085	0.000
HSR-15	HORN-STROBE 1	0	2	0.000	0.000	0.082	0.000
HSR-30	HORN-STROBE 3	0	2	0.000	0.000	0.102	0.000
HSR-75	HORN-STROBE 7	1	8	0.000	0.000	0.148	0.000
HSR-110	HORN-STROBE 1	0	2	0.000	0.000	0.197	0.000
TOTAL SYSTEM STANDBY CURRENT (AMP)					0.048		
STANDBY PERIOD 2				24			
REQUIRED STANDBY CAPACITY				1.152			
TOTAL SYSTEM ALARM CURRENT (AMP)						2.712	
ALARM PERIOD 5 MIN							0.083
REQUIRED BATTERY CAPACITY (AMP-HOURS)							1.377
SAFETY MARGIN (20%)							0.275
REQUIRED BATTERY CAPACITY (AMP-HOURS)							1.653
INSTALLED BATTERY SIZE							7.000

PROJECT SIG CKT#	CIRCUIT VOLTAGE DROPS									
	Santa Teresa School Portable S4 PORTABLE									
DEVICE	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
GUAGE	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000
DISTANCE (FT)	250	5	40	0	0	0	0	0	0	0
AMPS @ DEVICE	0.148	0.080	0.057	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AMPS DEVELOPED	0.285	0.137	0.057	0.000	0.000	0.000	0.000	0.000	0.000	0.000
VOLT DROP	0.236	0.002	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SIGNAL CIRCUIT #										
AMPS DEVELOPED	0.285									
TOTAL CKT V.D.	0.245									
CKT VOLTAGE	20.400									
ESTIMATED VOLTAGE AT LAST DEVICE ON CIRCUIT	20.155									
% VOLTAGE DROP	1.202									



American Modular Systems
24' x 40' RELOCATABLE BUILDING

SANTA CLARA COUNTY OFFICE OF EDUCATION - SANTA TERESA ES

SERIAL# 15-262-006



ALL OF THE DRAWINGS AND DETAILS CONTAINED IN THIS PACKAGE ARE THE INTELLECTUAL PROPERTY OF AMS AND MAY NOT BE USED FOR CONSTRUCTION OR DESIGN BY ANOTHER ENTITY WITHOUT THE EXPRESS WRITTEN PERMISSION OF AMS.

MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

BUILDING DATA

SHEET INDEX

AUTHORIZED USE: ALL INFORMATION INCLUDED IN THIS FORM DSA-103 SHEET IS FOR THE SOLE PURPOSE OF RECEIVING DSA APPROVAL AND ISSUANCE OF A PC #. NO OTHER USE IS AUTHORIZED WITHOUT THE EXPRESS WRITTEN CONSENT OF AMERICAN MODULAR SYSTEMS, INC.

TYPE OF MODULAR STEEL MOMENT FRAME BUILDING PROJECT (X INDICATES TEST OR INSPECTION TO BE DONE - INDICATES NOT APPLICABLE)

Table with columns: MATERIAL TYPE, DSA-103 Item #, DESCRIPTION, STOCKPILE (A, B), CONSTRUCTION OF (diaphragm material/foundation material) (C, D, E), RELOCATION OF CERTIFIED BUILDING (F, G). Rows include SOILS, GENERAL, COMPACTED FILL, CONCRETE, LIGHT WEIGHT FILL OVER METAL DECK, FOUNDATION, POST INSTALLED ANCHORS, STRUCTURAL STEEL, MATERIAL VERIFICATION, VERIFICATION OF MATERIALS, EQUIPMENT, WELDERS, ETC, SHOP WELDING, FIELD WELDING, SPRAY APPLIED FIRE-PROOFING, OTHER.

Additional Information for PC designs only, not to be added to DSA-103. Table with columns: SELECTION CLASS (minimum requirements), RBIP or Class 1, In Plant RBIP or Class 1 Site, Class 4 for Single Story, Class 4 for Two-Story.

NOTES: NOTES APPLY ONLY WHEN TESTS OR INSPECTIONS APPLY TO YOUR PC SUBMITTAL. Note 1: Waiver of Batch Plant Inspection (per CBC 1705A2 & 1705A3.3). Note 2: Test may be waived if mill certificate is provided. Note 3: Required only where the details of the PC specify the use of this type of anchor. Note 4: Required only where the details of the PC specify the use of this type of anchor. Note 5: This test needs to be written in on the DSA-103 form.

Table with columns: OCCUPANCY, TYPE OF CONSTRUCTION, WIND LOAD, ALTERNATE METHOD PER CBC 1609A.6.2, FLOOR LIVE LOAD, ROOF LIVE LOAD, FIRE SPRINKLER SYSTEM WEIGHT (PSF), ALLOWABLE SOIL PRESSURE (PSF), FLOOD HAZARD AREA, BUILDING AREA, CLIMATE ZONES, MODULES, SYSTEM, FOUNDATION TYPE, SEISMIC.

APPLICABLE CODES

- PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2014
*2013 CALIFORNIA ADMINISTRATIVE CODE (CAC) - (PART 1, TITLE 24, CCR)
2013 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 AND 2 - (PART 2, TITLE 24 CCR)
2013 CALIFORNIA ELECTRICAL CODE (CEC) - (PART 3, TITLE 24, CCR)
2013 CALIFORNIA MECHANICAL CODE (CMC) - (PART 4, TITLE 24, CCR)
2013 CALIFORNIA PLUMBING CODE (CPC) - (PART 5, TITLE 24, CCR)
2013 CALIFORNIA ENERGY CODE (CEC) - (PART 6, TITLE 24, CCR)
2013 CALIFORNIA FIRE CODE (CFC) - (PART 9, TITLE 24, CCR)
*2013 CALIFORNIA GREEN CODE (CGC) - (PART 11, TITLE 24, CCR)
2013 CALIFORNIA REFERENCED STANDARDS CODE - (PART 12, TITLE 24, CCR)
2013 CALIFORNIA ELEVATOR SAFETY CONSTRUCTION CODE PART 7, TITLE 24, C.C.R.
* EFFECTIVE JULY 1, 2014
PARTIAL LIST OF APPLICABLE STANDARDS
NFPA 13 Automatic Sprinkler Systems
NFPA 14 Standpipe Systems
NFPA 17 Dry Chemical Extinguishing Systems
NFPA 17a Wet Chemical Systems
NFPA 20 Stationary Pumps
NFPA 24 Private Fire Mains
NFPA 72 National Fire Alarm Code (California Amended)
NFPA 253 Critical Radiant Flux of Floor Covering Systems
NFPA 2001 Clean Agent Fire Extinguishing Systems
ASME 17.1 Elevator Standard

GENERAL NOTES

- 1. PC BUILDING CLASSIFIED AS OCCUPANCY "A" WITH OCCUPANT LOAD 100 OR MORE CAN NOT BE REVIEWED OVER THE COUNTER (OTC)
2. PC BUILDING APPROVED ONLY FOR OCCUPANCY E OR B, OR A CATEGORY I & II WITH OCCUPANT LOAD LESS THAN 250.
3. PC BUILDING EXITING IS BASED ON THE USE OR OCCUPANCY AND WILL BE REVIEWED AS SITE SPECIFIC.
4. THIS PLAN DOES NOT INCLUDE 2013 CBC REQUIREMENTS FOR "WILDLAND URBAN INTERFACE" AREAS. ADDITIONAL FIRE RESISTIVE CONSTRUCTION AND SAFE GUARDS WILL BE REQUIRED PER 2013 CBC CHAPTER 7A IF SITED IN A "WILDLAND URBAN INTERFACE" AREA.
5. SITE USE SPECIFIC REQUIREMENT FOR AUTOMATIC SPRINKLER SYSTEM MIGHT BE REQUIRED. AUTOMATIC FIRE SPRINKLER REQUIREMENTS ARE NOT INCLUDED IN THIS PC APPROVAL.
6. FIRE SERVICE UNDERGROUND SHALL BE REVIEWED AS A SITE SPECIFIC APPLICATION. WATER SUPPLY SHALL BE DESIGNED TO MEET THE PC SPRINKLER DEMAND REQUIREMENTS.
7. PROVIDE A SITE SPECIFIC FIRE FLOW LETTER OF CERTIFICATION FROM AN APPROVED WATER PURVEYOR OR LOCAL FIRE AUTHORITY.
8. THIS PC PLAN SHALL NOT BE USED TO HOUSE "ROOMS OR AREAS WITH SPECIAL HAZARDS" SUCH AS LABORATORIES, VIBRATION SHOPS AND OTHER SUCH AREAS NOT CLASSIFIED AS GROUP H, LOCATED IN GROUP E OCCUPANCIES
9. A SEPARATE DSA APPLICATION NUMBER IS REQUIRED FOR DESIGN & INSTALLATION OF THE SOLAR PANEL SYSTEM, ITS ANCHORAGE & ROOF SUPPORT STRUCTURE.

ARCHITECTURAL

- TS TITLE SHEET
N1.0 GENERAL NOTES
N2.0 GENERAL NOTES
N3.0 TYPICAL SCHEDULES: DOORS, WINDOWS & FINISHES
N4.0 ACCESSIBILITY STANDARDS & DETAILS
N5.0 MULTIPLE FLOOR PLAN CONFIGURATIONS
N5.1 MULTIPLE FLOOR PLAN CONFIGURATIONS
EN.1 ENERGY CALCULATIONS
EN.2 ENERGY CALCULATIONS
EN.3 ENERGY CALCULATIONS
EN.4 ENERGY CALCULATIONS
EN.5 ENERGY CALCULATIONS
EN.6 ENERGY CALCULATIONS
A1.0 TYPICAL FLOOR PLAN
A1.1 TYPICAL FLOOR PLAN FOR CLASSROOM w/ SOLATUBE OPTION
A1.2 RESTROOM OPTION FLOOR PLANS
A2.0 ROOF PLAN
A2.1 ROOF DETAILS
A3.0 NOT USED
A4.0 INTERIOR ELEVATIONS - TYPICAL CLASSROOM
A4.1 INTERIOR ELEVATIONS - RESTROOM OPTION
A5.0 TYPICAL EXTERIOR ELEVATIONS - DURATEMP 303 OPTION
A5.1 TYPICAL ARCHITECTURAL DETAILS - DURATEMP 303 OPTION
A5.2 TYPICAL EXTERIOR ELEVATIONS - STUCCO OPTION
A5.3 TYPICAL ARCHITECTURAL DETAILS - STUCCO OPTION
A5.4 TYPICAL EXTERIOR ELEVATIONS - LAP SIDING OPTION
A5.5 TYPICAL ARCHITECTURAL DETAILS - LAP SIDING OPTION
A5.6 TYPICAL EXTERIOR ELEVATIONS - SYNTHETIC STUCCO OPTION
A5.7 TYPICAL ARCHITECTURAL DETAILS - SYNTHETIC STUCCO OPTION
A6.0 NOT USED
A7.0 ARCHITECTURAL OPTIONS DETAILS
A7.1 NOT USED
A7.2 MISCELLANEOUS ARCHITECTURAL DETAILS
A8.0 FIRE-RATING DETAILS

PLUMBING

- P1.0 RESTROOM OPTION PLUMBING PLANS & FIXTURE SCHEDULE
P2.0 PLUMBING DETAILS & ACCESSIBLE DETAILS
P3.0 PLUMBING ISOMETRIC DRAWINGS

STRUCTURAL

- S0.0 STEEL MEMBER PROPERTIES
S1.0 CONCRETE FOUNDATION PLAN - 50 PSF LIVE LOAD
S1.1 CONCRETE FOUNDATION PLAN - 50+15 PSF LIVE LOAD
S1.2 CONCRETE FOUNDATION PLAN - 100 PSF LIVE LOAD
S1.3 CONCRETE FOUNDATION PLAN - 150 PSF LIVE LOAD
S1.4 CONCRETE FOUNDATION PLAN - 100 PSF LIVE LOAD
S1.5 CONCRETE FOUNDATION PLAN - 150 PSF LIVE LOAD
S1.6 CONCRETE FOUNDATION PLAN - 100 PSF LIVE LOAD
S1.7 CONCRETE FOUNDATION PLAN - 150 PSF LIVE LOAD
S2.0 WOOD FOUNDATION PLAN - 50 PSF P.L.
S2.1 WOOD FOUNDATION PLAN - 50 PSF P.L. + 15 PSF P.L.
S2.2 WOOD FOUNDATION PLAN - 100 PSF P.L.
S2.3 WOOD FOUNDATION PLAN - 150 PSF P.L.
S2.4 WOOD FOUNDATION DETAILS
S3.0 FLOOR FRAMING PLAN - PLYWOOD OR STRUCTO-CRETE
S3.1 FLOOR FRAMING PLAN & DETAILS - CONCRETE/S30-DECK OPTION
S3.2 FLOOR FRAMING PLAN & DETAILS - CONCRETE/NS2-DECK OPTION
S3.3 FLOOR FRAMING PLAN & DETAILS - CONCRETE/SW-DECK OPTION
S4.0 ROOF FRAMING PLAN & DETAILS - OPEN SOFFIT OPTION
S4.1 ROOF FRAMING PLAN & DETAILS - ENCLOSED SOFFIT OPTION
S4.2 ROOF FRAMING DETAILS
S4.3 OPTIONAL PARAPET FRAMING ELEVATIONS AND DETAILS
S5.0 MOMENT FRAME ELEVATIONS & DETAILS
S5.1 MOMENT FRAME CONNECTION DETAILS
S6.0 TYPICAL LONGITUDINAL & TRANSVERSE FRAME ELEVATIONS
S7.0 NOT USED
S8.0 WOOD STUD WALL FRAMING ELEVATIONS & SCHEDULES
S8.1 WOOD STUDS WALL FRAMING DETAILS
S9.0 METAL STUDS OPTION WALL FRAMING ELEVATIONS & SCHEDULES
S9.1 METAL STUDS OPTION WALL FRAMING DETAILS
S9.2 TYPICAL METAL STUD FRAMING DETAILS & PROPERTIES
S10.0 RAMP PLANS & NOTES
S10.1 RAMP DETAILS

MECHANICAL

- M1.0 TYPICAL REFLECTED CEILING PLAN
M1.1 TYPICAL MECHANICAL PLAN OPTIONS
M1.2 NOT USED
M1.3 RESTROOM OPTION REFLECTED CEILING PLANS
M1.4 MECHANICAL BUILDING SECTIONS & CEILING DETAILS
M1.5 CEILING & MECHANICAL DETAILS
M1.6 MECHANICAL ROOF DETAILS
M1.7 CEILING & MECHANICAL NOTES, SCHEDULES

ELECTRICAL

- E1.0 TYPICAL ELECTRICAL PLAN
E1.1 RESTROOM OPTIONS ELECTRICAL PLANS
E1.2 ELECTRICAL NOTES, PANEL LAYOUT DETAILS

Table with columns: SHEETS WITH SPECIFIC LOW / HIGH SEISMIC DESIGNATIONS / OPTIONS. Rows include TS COVER SHEET, S1.0 50 PSF CONCRETE FOUNDATION PLAN, S1.1 50+15 PSF CONCRETE FOUNDATION PLAN, S1.2 100 PSF CONCRETE FOUNDATION PLAN, S1.3 150 PSF CONCRETE FOUNDATION PLAN, S1.5 CONCRETE FOUNDATION DETAILS, S2.0 WOOD FOUNDATION 50 PSF, S2.1 WOOD FOUNDATION 50 PSF+15 PSF, S2.2 WOOD FOUNDATION 100 PSF, S2.3 WOOD FOUNDATION 150 PSF, S3.0 FLOOR FRAMING PLYWOOD OR STRUCTO-CRETE, S5.0 MOMENT FRAME ELEVATIONS & DETAILS, S5.1 MOMENT FRAME CONNECTION DETAILS.

24' x 40' BUILDING

SANTA CLARA COUNTY OF EDUCATION
SANTA TERESA ELEMENTARY

TITLE SHEET

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01-115705
DATE APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

BASED ON PC# 02-113876
PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS
A
B
C

DRAWN BY: AB
SCALE: AS NOTED
DATE: 10/12/15
SHEET NUMBER

COPYRIGHT: ©2014 BY AMERICAN MODULAR SYSTEMS, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING, OR OTHERWISE, WITHOUT THE PRIOR WRITTEN PERMISSION OF AMERICAN MODULAR SYSTEMS, INC. CERTAIN ELEMENTS CONTAINED IN THESE DOCUMENTS ARE REGISTERED TRADEMARKS. ALL PATENTABLE MATERIALS CONTAINED IN THESE DOCUMENTS AND ORIGINATING WITH AMERICAN MODULAR SYSTEMS, INC. SHALL REMAIN THE SOLE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. SUBMITTAL OR DISTRIBUTION TO MEET OFFICIAL REGULATORY REQUIREMENTS WILL NOT BE CONSTRUED AS PUBLICATION IN DEROGATION OF AMERICAN MODULAR SYSTEM, INC.'S COPYRIGHT OR OTHER RESERVED INTELLECTUAL PROPERTY RIGHTS AND INTERESTS.

TS

SECTION 1 GENERAL REQUIREMENTS

- GENERAL
 - THE REQUIREMENTS OF THE GENERAL CONDITIONS OF THE AGREEMENT AND THIS GENERAL REQUIREMENT APPLY TO THE SEVERAL TRADE SECTIONS WITH THE SAME FORCE AS THOUGH FULLY REPEATED IN EACH TRADE SECTION.
 - NAME BRANDS ARE INDICATED TO ESTABLISH A STANDARD OF QUALITY. ITEMS OF EQUAL OR BETTER QUALITY MAY BE SUBSTITUTED FOR THE LISTED BRAND NAMED PRODUCTS WITH THE WRITTEN APPROVAL OF D.S.A. AND THE ARCHITECT.
 - ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF TITLES 19 AND 24 CALIFORNIA CODE OF REGULATIONS, 2013 C.B.C. NO CHANGES SHALL BE MADE FROM D.S.A. APPROVED DRAWINGS OR SPECIFICATIONS WITHOUT PRIOR WRITTEN APPROVAL OF D.S.A. AND THE ARCHITECT.
- SCOPE OF WORK
 - THE WORK CONSISTS OF MANUFACTURING OFF-SITE IN A PLANT AND INSTALLING ON-SITE, MODULAR RELOCATABLE BUILDINGS AS DEFINED HEREIN AND SHOWN AND DETAILED ON DRAWINGS.
 - ALL REQUIREMENTS OF TITLE 24 OF THE STATE OF CALIFORNIA, CODE OF REGULATIONS, RELATING TO INSPECTIONS AND VERIFIED REPORTS SHALL BE COMPLIED WITH AND SHALL INCLUDE:
 - GENERAL RESPONSIBLE CHARGE OF FIELD ADMINISTRATION BY THE ARCHITECT OF RECORD.
 - INSPECTION IN-PLANT DURING THE COURSE OF CONSTRUCTION BY AN INSPECTOR APPROVED BY THE DIVISION OF THE STATE ARCHITECT AND THE DISTRICT ARCHITECT. THE INSPECTOR SHALL BE RESPONSIBLE FOR AND APPROVED TO INSPECT THE GENERAL CONSTRUCTION WELDING, MECHANICAL AND ELECTRICAL WORK. COST OF THESE INSPECTIONS SHALL BE BORNE BY THE SCHOOL DISTRICTS.
 - ON-SITE INSPECTION OF THE BUILDING INSTALLATION ELECTRICAL AND UTILITY INSTALLATION OR CONNECTIONS BY AN INSPECTOR APPROVED BY THE DIVISION OF THE STATE ARCHITECT AND THE DISTRICT ARCHITECT AND RETAINED BY THE SCHOOL DISTRICT.
 - OTHER SPECIAL TESTS OR INSPECTIONS AS MAY BE REQUIRED BY THE DIVISION OF THE STATE ARCHITECT.
 - ADDENDUMS SHALL BE SIGNED BY THE ARCHITECT & APPROVED BY D.S.A.
 - CHANGE ORDERS AND CONSTRUCTION CHANGE DOCUMENTS (CCD) SHALL BE SIGNED BY THE OWNER & ARCHITECT & APPROVED BY D.S.A.
 - THE TESTING LAB SHALL BE IN THE EMPLOY OF THE OWNER.
 - ALL CONTRACTORS SHALL VERIFY ALL WORK CONDITIONS, DIMENSIONS AND DETAILS AND REPORT ANY OR ALL OMISSIONS AND DISCREPANCIES TO THE DESIGNER/OWNER IMMEDIATELY BEFORE COMMENCING WORK.
 - EACH CONTRACTOR TO BE RESPONSIBLE TO SEE THAT THEIR WORK CONFORMS TO ALL GOVERNMENTAL CODES WHETHER OR NOT SO STATED ON THE DRAWINGS.
 - ALL MATERIALS AND WORKMANSHIP TO CONFORM TO THE LATEST REQUIREMENTS OF THE GOVERNING BUILDING CODES IN EFFECT AT TIME OF DSA APPLICATION.
 - ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED AND ERECTED PER MANUFACTURER'S DIRECTIONS AND INSTRUCTIONS.
 - SHOP DRAWINGS MAY BE REQUIRED. IF SO, THEY WILL BE ACCURATELY DRAWN TO A LARGE ENOUGH SCALE TO SHOW ALL PERTINENT FEATURES OF THE ITEM AND ITS CONNECTION TO RELATED WORK.
 - THE MANUFACTURER OF BUILDING IS TO PLACE TWO PERMANENT METAL IDENTIFICATION LABEL ON EACH MODULE, MECHANICALLY FASTENED TO THE FRAME SEE "GENERAL DESIGN REQUIREMENTS", SHEET N2.0. FOR PRODUCTS MANUFACTURED OFF-SITE, THE PLANT INSPECTOR IS TO INDICATE THE MANUFACTURER'S NAME AND SERIAL NUMBER OF EACH MODULE ON THE VERIFIED REPORT AND D.S.A. APP. NUMBER.
 - ALL TESTS AND INSPECTIONS REQUIRED BY DSA SHALL BE COMPLIED WITH. ALL TESTS REQUIRED BY FIRE AND LIFE SAFETY REGULATIONS SHALL BE BY A NATIONALLY RECOGNIZED TESTING LABORATORY.

SECTION 2 FOUNDATION

- ASSUMED ALLOWABLE SOIL BEARING:
 - 1500 P.S.F. FOR CONCRETE FOUNDATIONS EMBEDDED 12" MIN. BELOW GRADE.
 - 1000 P.S.F. FOR WOOD FOUNDATIONS ON GRADE.
- FOOTINGS SHALL BE LOCATED ON UNDISTURBED, FIRM, NATURAL SOIL, APPROVED COMPACTED FILL, OR ON AN APPROVED PAVED SURFACE.

NOTE: THE FOUNDATION SYSTEM PRESENTED HEREIN COMPLIES WITH INTERPRETATION OF REGULATIONS, IR 16-1, ISSUED BY DIVISION OF THE STATE ARCHITECT, FOR TEMPORARY BUILDINGS. THIS FOUNDATION SYSTEM IS NON-CONVENTIONAL AND THE STRUCTURAL ENGINEER TAKES NO RESPONSIBILITY FOR ITS CONSTRUCTION OR LONGEVITY.
- WORK NOT INCLUDED:
 - ALL ON-SITE OR OFF-SITE UTILITIES AND THE CONNECTION OF THEM TO THE BUILDING UNLESS INDICATED ON THE DRAWINGS.
 - ALL LEVELING, GRADING OR OTHER SITE PREPARATION EXCEPT CONCRETE OR WOOD LEVELING STRIPS WHERE REQUIRED, UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
 - FIRE ALARM SYSTEM, PROGRAM BELL, PUBLIC ADDRESS SYSTEM, INTERCOM SYSTEM, TV, TELEPHONE SYSTEM, UNLESS OTHERWISE INDICATED ON THE DRAWINGS, OR MODIFIED BY CHANGE ORDER.
 - WHEELS AND HITCH SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
 - ACCESSIBILITY OF SITE: THE SCHOOL DISTRICT SHALL PROVIDE ACCESS TO THE SITE FOR THE INSTALLATION OF BUILDINGS. REMOVAL OF TREES, SHRUBS, FENCING, SPRINKLERS ETC. NECESSARY FOR THE MOVE-IN OF BUILDINGS SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT.

SECTION 3 CONCRETE

- CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 318-11.
- THE MINIMUM 28 DAY STRENGTH AND TYPE OF CONCRETE SHALL BE AS FOLLOWS:
 - SLABS ON GRADE & FOUNDATIONS..... 3000 PSI (150 PCF)
 - CONCRETE OVER METAL DECK..... 3000 PSI (110 PCF)
- THE MAXIMUM WATER TO CEMENT (W/C) RATIO SHALL BE 0.55 FOR FOUNDATIONS AND 0.40-0.45 FOR CONCRETE OVER METAL DECK SLABS.
- CONCRETE SLUMP SHALL BE 4" ± 1".
- CEMENT SHALL CONFORM TO ASTM C150, TYPE I OR II.
- CONCRETE AGGREGATES:
 - NATURAL SAND AND ROCK AGGREGATES SHALL CONFORM TO ASTM C33.
 - LIGHTWEIGHT AGGREGATE SHALL CONFORM TO ASTM C330.
 - MAX AGGREGATE SIZE SHALL BE 1" ± 1/4".
- REINFORCING SHALL CONFORM TO ASTM A615-GRADE 60, UNLESS OTHERWISE NOTED.
- CONCRETE COVERAGE SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON DRAWINGS:
 - CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS)3"
 - CONCRETE EXPOSED TO GROUND BUT PLACED IN FORMS.....2"
 - SLABS (ON GROUND).....POSITION IN CENTER OF SLAB
- ALL BARS SHALL HAVE A CLASS B MINIMUM SPLICE LAP PER DETAILS 6&9/51.4, UNLESS OTHERWISE NOTED.
- REINFORCING BARS SHALL NOT BE WELDED UNLESS SPECIFICALLY DETAILED IN THE APPROVED DRAWINGS. BARS DETAILED TO BE WELDED SHALL BE ASTEROTUBE BARS AND WELDING ELECTRODES SHALL BE E60XX. WELDING SHALL CONFORM WITH AWS D1.4-11 AND SHALL BE CONTINUOUSLY INSPECTED.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 AND SHALL BE LAP SPLICED TWO SQUARES MINIMUM EACH DIRECTION.
- NOTIFY THE STRUCTURAL ENGINEER PRIOR TO PLACING CONCRETE.

SECTION 5 STEEL

- GENERAL - ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF AISC STANDARD SPECIFICATIONS, TITLE 24 OF CALIFORNIA CODE OF REGULATIONS AND THE AMERICAN IRON AND STEEL INSTITUTE SPECIFICATIONS FOR DESIGN OF STEEL STRUCTURAL MEMBERS. A COPY OF TITLE 24 SHALL BE KEPT AT THE JOBSITE AT ALL TIMES.
- WELDING - ALL WELDING DONE BY SHIELDED ELECTRIC-ARC OR FLUX CORED-ARC PROCESS COMPLYING WITH REQUIREMENTS OF THE "STRUCTURAL WELDING CODE" OF THE AMERICAN WELDING SOCIETY. WELDING DONE BY OPERATORS QUALIFIED BY TESTS ACCEPTABLE TO THE DIVISION OF THE STATE ARCHITECT. WELDING INSPECTION PER TITLE 24, PART 2, CCR, SECTIONS 1705A2.2.1 AND 1705A2.2.5 WELDING ELECTRODES SHALL BE E70XX. ALL WELDS USED IN PRIMARY MEMBERS AND CONNECTIONS IN THE LATERAL FORCE-RESISTING SYSTEMS SHALL BE MADE WITH A FILLER METAL THAT HAS A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20FT-LBS AT ZERO DEGREES F AND COMPLYING WITH AWS D1.8-09, SECTION 6.3.
- STRUCTURAL STEEL SHAPES SHALL CONFORM TO THE FOLLOWING:
 - STRUCTURAL STEEL CHANNELS SHALL CONFORM TO ASTM A572 (50 KSI) TYP. U.N.O.
 - PIPE COLUMNS SHALL CONFORM TO ASTM A-53 WITH SULFUR CONTENT NOT EXCEEDING 0.05% TYP. U.N.O.
 - STEEL TUBING SHALL CONFORM TO ASTM A-500 GRADE B OR A.S.T.M. A579 GRADE 50 FOR GAUGE TUBING-TYP. U.N.O.
 - STEEL PLATES, ANGLES, BARS AND MISC. SHAPES SHALL CONFORM TO ASTM A36 (36 KSI) TYP. U.N.O.
 - STRUCTURAL WELDS ARE DESIGNED FOR FULL ALLOWABLE STRESS UNLESS OTHERWISE NOTED.
- ERECTOR - STRUCTURAL STEEL ERECTED TRUE, STRAIGHT, PLUMB AND TO ITS DESIGNATED LOCATIONS. FIELD CONNECTIONS BOLTED OR WELDED AS INDICATED ON THE DRAWINGS.
- NAILS, BOLTS, SCREWS AND NUTS, ETC. - FOR EXTERIOR WORK SHALL BE CADMIUM PLATED OR GALVANIZED.
 - BOLTS FOR STRUCTURAL STEEL JOINTS SHALL CONFORM TO A.S.T.M. A-307 UNLESS OTHERWISE NOTED. ALL HOLES FOR MACHINE AND CARRIAGE BOLTS THRU STEEL TO BE DRILLED, OR TORCH PILOT HOLE AND REAM MIN. +1/16" TO BOLT SIZE. NELSON STUDS (WELDED TO STEEL) MAY BE SUBSTITUTED FOR BOLTS SAME LENGTH AND DIAMETER.
 - HANDRAILS - FABRICATED, AS DETAILED, WELDS GROUND SMOOTH.
- SHOP PAINT
 - EXPOSED STEEL COATED WITH ONE SHOP COAT OF RED OXIDE PRIMER.
 - ~~NON-EXPOSED STEEL COATED WITH ONE SHOP COAT OF RED OXIDE PRIMER.~~
 - ALL SURFACES THOROUGHLY CLEANED BY EFFECTIVE MEANS PRIOR TO APPLICATION OF SHOP COATS.
- TESTS
 - PROVIDE MILL CERTIFICATES OR TEST ALL STEEL MEMBERS PER TITLE-24 PART 2, CCR SECTION 1704A.3

SECTION 6 CARPENTRY

- SCOPE OF WORK CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL CARPENTRY.
- MATERIALS LUMBER GRADE MARKED IN ACCORDANCE WITH "STANDARD GRADING AND DRESSING RULES NO. 17" OF WEST COAST LUMBER INSPECTION BUREAU, OR "WESTERN LUMBER GRADING RULES", 2011 EDITION OF WESTERN WOOD PRODUCTS ASSOCIATION, OSB OR PLYWOOD GRADE MARKED IN ACCORDANCE WITH PRODUCT STANDARD PS 1-09 FOR SOFTWOOD OSB OR PLYWOOD, OF AMERICAN PLYWOOD ASSOCIATION. EACH SHEET SHALL BEAR THE STAMP OF AFA, PITTSBURGH TESTING, OR TECO.
- JOISTS, HEADERS, PLATES, STUDS: DOUGLAS FIR S4S #2 OR HEM FIR S4S #2 MINIMUM, U.N.O. NOTE: MSR 1650 E1.5 MAY BE SUBSTITUTED FOR #2 GRADE IF IT MEETS THE STRUCTURAL REQUIREMENTS FOR FLOOR AND ROOF MEMBERS.
- POSTS AND TIMBERS: DOUGLAS FIR S4S #1 OR HEM FIR S4S #1 MIN.
- BLOCKING: DOUG FIR #3, OR HEM FIR #3, OR STD. & BET.
- SILLS AND LUMBER & SHIM PLATES IN CONTACT WITH CONCRETE, MASONRY OR EARTH: DOUG FIR #2 OR HEM FIR #2 MIN. PRESSURE TREATED IN ACCORDANCE WITH CBC 2304.11.2. EACH PIECE SHALL BEAR AWPFA STAMP, AWPFA STANDARD U1 & T1 GROUND CONTACT, D.F. (OR H.F.) #2 ABOVE GROUND.
- MOISTURE BARRIER: KRAFT WATERPROOF BUILDING PAPER, OR 15 LB. FELT, CBC SECTION 1404.2.

SECTION 7 METAL ROOFING

- SCOPE OF WORK CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL METAL ROOFING. TEST RESULTS OR CALCULATIONS SHOWING THE ROOFING SYSTEM WILL WITHSTAND THE UPLIFT OF 110 MPH ULTIMATE WIND SPEED SHALL BE SUBMITTED WITH THE PLANS AND SPECIFICATIONS.
- MATERIALS
 - ROOF: 3 INCH STANDING SEAM, MINIMUM 20-GAUGE G-90 GALV. INTERLOCKING (UN-PENETRATED) SHEET STEEL PANELS (699). ALTERNATE: 26 GAUGE WHEN INSTALLED OVER PLYWOOD SHEATHING.
 - CLASS B FIRE RATING

SECTION 7A SHEET METAL

- SCOPE OF WORK CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL INDICATED SHEET METAL.
- MATERIALS
 - SHEET METAL - STEEL SHEETS HOT DIP GALVANIZED WITH 1.25 OZ. PER SQUARE FOOT ZINC COATING CONFORMING TO ASTM A526. MINIMUM 26 GA. UNLESS OTHERWISE NOTED ON THE DRAWINGS.
 - SOLDER - OF STAND, GRADE "A" OF EQUAL PARTS, ARD BRAND, LEAD AND TIN ASTM B32.
 - FLUX - ZINC SATURATED MURIATIC ACID.
 - GUTTERS:
 - 26 GA. G-90 GALV. STEEL
 - DOWNSPOUTS: 2"x3" CONVOLUTED 30 GA. G-90 GALV. STEEL
 - GUTTER ENDCAPS: 26 GA. G-90 GALV. STEEL
 - GUTTER CLIPS: 18 GA. G-90 GALV. STEEL
- WORKMANSHIP SHEET METAL ACCURATELY FORMED TO DIMENSIONS AND SHAPES DETAILED WITH TRUE STRAIGHT LINES, CORNERS AND ANGLES. FLASHING INSTALLED IN LONGEST LENGTHS POSSIBLE. EXTERIOR WORK FORMED, FABRICATED AND INSTALLED SO THAT IT ADEQUATELY PROVIDES FOR EXPANSION AND CONTRACTION IN THE COMPLETED WORK AND FINISHES WATER AND WEATHER TIGHT. ALUMINUM SHALL BE SEPARATED FROM FERROUS METAL BY POLYETHYLENE TAPE OR FLOOD COAT OF ASPHALTIC PAINT.

SECTION 7B METAL ROOFING

- SCOPE OF WORK CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL METAL ROOFING. TEST RESULTS OR CALCULATIONS SHOWING THE ROOFING SYSTEM WILL WITHSTAND THE UPLIFT OF 110 MPH ULTIMATE WIND SPEED SHALL BE SUBMITTED WITH THE PLANS AND SPECIFICATIONS.
- MATERIALS
 - ROOF: 3 INCH STANDING SEAM, MINIMUM 20-GAUGE G-90 GALV. INTERLOCKING (UN-PENETRATED) SHEET STEEL PANELS (699). ALTERNATE: 26 GAUGE WHEN INSTALLED OVER PLYWOOD SHEATHING.
 - CLASS B FIRE RATING

SECTION 7C SEALANT

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

SECTION 8 HOLLOW METAL DOORS AND FRAMES

- SCOPE OF WORK CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL HOLLOW METAL DOORS AND FRAMES.
- MATERIALS
 - DOORS - INSULATED TYPE L FULL FLUSH, MANUFACTURED BY AMWELD MANUFACTURING COMPANY, 18 GA. 1-3/4" THICK PER CS242 MIN. REINFORCE FOR HARDWARE-BOTH FACES FOR CLOSER, SOUND DEADEN INTERIOR.
 - FRAMES - 16 GA COLD ROLLED, 2" FACES, CS242 MIN. 3 ANCHORS PER JAMB & ADJUSTABLE FLOOR ANCHOR, EACH JAMB REINFORCE FOR HARDWARE. PROVIDE STRIKE BOX, PROVIDE SOUND DEADENING: 1/8" UNDERCOATING OR INSULATING FILL.

SECTION 9A EXTERIOR PLASTER

- LATHING AND PLASTERING MATERIALS AND ACCESSORIES SHALL BE MARKED BY THE MANUFACTURER'S DESIGNATION TO INDICATE COMPLIANCE WITH THE APPROPRIATE STANDARDS REFERENCED IN THIS SECTION AND STORED IN SUCH A MANNER TO PROTECT THEM FROM THE WEATHER, PER C.B.C. 2507.1.
- LATHING AND PLASTERING MATERIALS SHALL CONFORM TO THE STANDARDS LISTED IN C.B.C. TABLE 2507.2 AND CHAPTER 35, AND, WHERE REQUIRED FOR FIRE PROTECTION, SHALL ALSO CONFORM TO THE PROVISIONS OF CHAPTER 7.
- GYPSON BOARD AND GYPSON PLASTER CONSTRUCTION SHALL BE OF THE MATERIALS LISTED IN C.B.C. TABLES 2506.2 AND 2507.2. THESE MATERIALS SHALL BE ASSEMBLED AND INSTALLED IN COMPLIANCE WITH THE APPROPRIATE STANDARDS LISTED IN TABLES 2508.1 AND 2511.1, AND CHAPTER 35 (PER 2508.1).
- 2510.6 WATER-RESISTIVE BARRIERS. WATER-RESISTIVE BARRIERS SHALL BE INSTALLED AS REQUIRED IN SECTION 1404.2, AND WHERE APPLIED OVER WOOD-BASED SHEATHING, SHALL INCLUDE A WATER-RESISTIVE VAPOR-PERMEABLE BARRIER WITH A PERFORMANCE AT LEAST EQUIVALENT TO TWO LAYERS OF GRADE D PAPER.
- EXCEPTION: WHERE THE WATER-RESISTIVE BARRIER THAT IS APPLIED OVER WOOD-BASED SHEATHING HAS A WATER RESISTANCE EQUAL TO OR GREATER THAN THAT 60-MINUTE GRADE D PAPER AND IS SEPARATED FROM THE STUCCO BY AN INTERVENING, SUBSTANTIALLY NONWATER-ABSORBING LAYER OR DRAINAGE SPACE.
- PLASTER NOTES: PLASTERING WITH CEMENT PLASTER SHALL NOT BE LESS THAN THREE COATS WHEN APPLIED OVER METAL LATH OR WIRE FABRIC LATH AND SHALL NOT BE LESS THAN TWO COATS WHEN APPLIED OVER MASONRY CONCRETE OR GYPSON BACKING AS SPECIFIED IN SECTION 2510.5.
 - THE FIRST COAT SHALL BE APPLIED WITH SUFFICIENT MATERIAL AND PRESSURE TO FILL SOLIDLY ALL OPENINGS IN THE LATH. THE SURFACE SHALL BE SCORED HORIZONTALLY SUFFICIENTLY ROUGH TO PROVIDE ADEQUATE BOND TO RECEIVE THE SECOND COAT.
 - THE SECOND COAT SHALL BE BROUGHT OUT TO PROPER THICKNESS, RODDED AND FLOATED SUFFICIENTLY ROUGH TO PROVIDE ADEQUATE BOND FOR THE FINISH COAT. THE SECOND COAT SHALL HAVE NO VARIATION GREATER TO THAN 1/4 INCH (6.4 MM) IN ANY DIRECTION UNDER 6-FOOT STRAIGHT EDGE.
 - THE FINISH COATS SHALL BE APPLIED OVER BASE COATS THAT HAVE BEEN IN PLACE FOR THE TIME PERIODS SET FORTH IN ASTM C 926. THE THIRD OR FINISH COAT SHALL BE APPLIED WITH SUFFICIENT MATERIAL AND PRESSURE TO BOND TO AND TO COVER THE BROWN COAT AND SHALL BE OF SUFFICIENT THICKNESS TO CONCEAL THE BROWN COAT.
 - MOISTURE BARRIER - APPLIED TO STUDS WEATHER-BOARD FASHION, HORIZONTAL JOINTS LAPPED MIN 6" INCLUDING BUILDING CORNERS. SHEATHING APPLIED OVER MOISTURE BARRIER.
 - TRIM SEALED AT ALL EDGES. SEALANT PAINTED TO MATCH TRIM OR SIDING UNLESS TRANSPARENT TYPE.

SECTION 9B PAINTING

- SCOPE OF WORK CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO PAINT BUILDING ALL EXPOSED SURFACES OF BUILDING AND RAMPS SHALL BE PAINTED EXCEPT ALUMINUM WINDOW FRAMES, THRESHOLDS, AND ROOFING.
- MATERIALS
 - FOR EXTERIOR WOOD:

REF. BRAND	DUNN	KELLY	SHERWIN	SINCLAIR
	EDWARDS	MOORE	WILLIAMS	
PRIMER	42-9M	1240	B24W20	289-N
FINISH	QD-60-XX	1240-XXX	B54W2102	GE2-NXX
 - FOR INTERIOR TRIM:

REF. BRAND	DUNN	KELLY	SHERWIN	SINCLAIR
	EDWARDS	MOORE	WILLIAMS	
FINISH	W450-XX	1650-XXX	A26W11	40XX
 - FOR METAL:

REF. BRAND	DUNN	KELLY	SHERWIN	SINCLAIR
	EDWARDS	MOORE	WILLIAMS	
PRIMER	43-4	1710	B50N26	15N
FINISH	10-XX	1700-XXX	B54W2102	GE2-NXX
 - INTERIOR PAINT & COATINGS SHALL COMPLY WITH TITLE 24, PART 11, "CAL-GREEN" SECTION 5.504.4.3.
- WORKMANSHIP ALL EXPOSED SURFACES SHALL BE PAINTED EXCEPT ALUMINUM WINDOW FRAMES AND THRESHOLDS. MATERIAL SHALL BE OF THE GRADE SPECIFIED OR EQUAL.

SECTION 9C INTERIOR AIR QUALITY CONTROL

- THE INTERIOR ENVIRONMENT SHALL BE ASSEMBLED WITH PRODUCTS THAT CONTRIBUTE TO A HEALTHY INDOOR AIR QUALITY (IAQ). THE FOLLOWING SHALL COMPLY TITLE 24, PART 11 ("CAL-GREEN"):
- ADDENDUMS
 - PAINTS, COATINGS
 - AEROSOL PAINTS & COATINGS
 - CARPET SYSTEMS
 - CARPET CUSHION OR PAD
 - COMPOSITE WOOD PRODUCTS
 - RESILIENT FLOORING SYSTEMS
- SECTION 5.504.4.1
SECTION 5.504.4.3
SECTION 5.504.4.3.1
SECTION 5.504.4.4
SECTION 5.504.4.4.1
SECTION 5.504.4.5
SECTION 5.504.4.6

SECTION 13 SITE ASSEMBLY

- SCOPE OF WORK CONTRACTOR SHALL PROVIDE ALL LABOR MATERIALS AND SERVICES TO PREPARE THE BUILDING ELEMENTS, TRANSPORT THEM FROM THE PLANT TO THE SITE AND TO COMPLETE THE ASSEMBLY AT THE SITE. THE CONDITION OF THE SITE, SUCH AS DRAINAGE AND SOIL BEARING CAPACITY, SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT, UNLESS SPECIFICALLY CALLED FOR IN THE CONTRACT, STEPS, RAMPS, OR HANDRAILS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ASSEMBLY OF ELEMENTS
 - IN A LOCATION ON THE SITE AS DETERMINED BY THE SCHOOL DISTRICT, (APPROVED BY DSA) THE CONTRACTOR SHALL PLACE WOOD LEVELING STRIPS OR OTHER SUITABLE SUPPORTS AS DETAILED ON THE DRAWINGS.
 - THE ELEMENTS SHALL BE BROUGHT TO THE SITE ON WHEEL ASSEMBLY AND TRANSFERRED TO THE PREPARED SITE. GREAT CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE ELEMENTS BY RACKING OR BUMPING EACH OTHER.
 - CONNECTION OF THE ELEMENTS TOGETHER SHALL BE DONE ACCORDING TO INSTRUCTION ON THE DRAWINGS. FLASHINGS, TRIM AND OTHER LOOSE ITEMS SHALL BE INSTALLED PER DETAILS ON THE DRAWINGS.

SECTION 23 AIR CONDITIONING

- SCOPE OF WORK (SEE SHEET M1.7 FOR HVAC SPEC. AND NOTES) CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL THE AIR CONDITIONING SYSTEM AS SHOWN ON THE DRAWINGS AND SPECIFICATIONS, INCLUDING A/C UNITS AND ACCESSORIES, REMOTE THERMOSTAT, GRILLS AND POWER WIRING COMPLETE TO LOAD CENTER. CONTRACTOR SHALL INSTRUCT OWNER'S OPERATORS ON OPERATION AND MAINTENANCE OF A/C SYSTEM.
- EQUIPMENT SEE NOTE ON FLOOR PLAN FOR SIZE AND TYPE.
- WORKMANSHIP UNITS SHALL BE INSTALLED COMPLETE AND OPERATING WITH ALL ACCESSORIES IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

SECTION 26 ELECTRICAL

- SCOPE OF WORK
 - CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES FOR ELECTRICAL INSTALLATION COMPLETE WITH ASSOCIATED EQUIPMENT AND FIXTURES, IN OPERATING CONDITION READY FOR USE. THE WORK INCLUDES: LIGHT AND POWER SYSTEMS, LIGHTING FIXTURES COMPLETE WITH LAMPS, CONNECTIONS AND DISCONNECTS TO A/C EQUIPMENT, EMERGENCY VOICE ALARM COMMUNICATION SYSTEMS (EVACS).
 - PROVIDE CONDUIT WITH PULL STRINGS AND JUNCTION BOXES FOR AUTOMATIC DETECTION FIRE ALARM SYSTEM AND NOTIFICATION PER NFPA 72.
 - MATERIALS ALL NEW COMPLYING WITH REQUIREMENTS OF CALIFORNIA ELECTRIC CODE AND NATIONAL FIRE PROTECTION ASSOCIATION.
 - ELECTRIC METALLIC TUBING - COUPLING AND FLEX CONDUIT GALVANIZED OR SHERARDIZED. EXTERIOR FLEX-GALV. STEEL WITH FACTORY APPLIED P.V.C. JACKET.
 - PANEL BOARDS - FLUSH MOUNTED.
 - CONDUCTORS - COPPER, INSULATED FOR 600 VOLTS, TYPE THHN FOR SIZES #12 TO #6, TYPE THW FOR LARGER SIZES. MINIMUM SIZE-#14.
 - RECEPTACLES - AS NOTED. +15" A.F.F. MIN. TO BOTTOM OF BOX
 - CLOCK RECEPTACLE - AS NOTED.
 - SWITCHES - AS NOTED. +48" A.F.F. MAX. TO TOP OF BOX
 - LIGHTING FIXTURES - AS NOTED ON THE DRAWINGS.
 - WORKMANSHIP MATERIALS AND EQUIPMENT INSTALLED IN A SECURE, NEAT, WORKMANLIKE MANNER IN ACCORDANCE WITH CODE REQUIREMENTS. PANEL BOARD CARDS SHALL BE FILLED OUT, CONDUIT AND CABLE INSTALLED IN WALL AND CEILING SPACES. WORK PIERCING WATERPROOFED AREAS FLASHED AND SEALED TO A WATER TIGHT CONDITION. BUILDING CONDUIT/WIRING FROM FACE OF BUILDING TO SITE TERMINATION BY SITE CONTRACTOR (N.I.C.), (FLEXIBLE CONDUIT S-BEND SEALTITE).

INSPECTION

- INSPECTION OF PREFABRICATED BUILDINGS IS DIVIDED INTO TWO SEPARATE FUNCTIONS:
- IN-PLANT INSPECTION.
 - ON-SITE INSPECTION.
- THE CONTRACTOR SHALL ALLOW UP TO SEVEN (7) DAYS FROM THE DATE OF PLAN APPROVAL TO OBTAIN AN IN-PLANT INSPECTOR APPROVED BY D.S.A.
- IN-PLANT INSPECTION AND MATERIAL TESTING SHALL BE ACCOMPLISHED UNDER THE SUPERVISION OF THE DISTRICT ARCHITECT. THE CONTRACTOR SHALL NOTIFY THE DISTRICT ARCHITECT, DSA, AND THE DESIGNATED INSPECTOR INSPECTION AGENCY AT LEAST 48 HOURS PRIOR TO COMMENCING WORK. THE MANUFACTURER SHALL PROVIDE THE INSPECTOR WITH FULL ACCESS TO ALL PLANT OPERATIONS INVOLVING WORK UNDER THIS CONTRACT AND SHALL ADVISE THE INSPECTOR IN ADVANCE OF THE TIME AND PLACE OF OPERATIONS THAT THE INSPECTOR WANTS TO OBSERVE TAKE PLACE. BEFORE THE BUILDING(S) ARE REMOVED FROM THE PLANT FOR DELIVERY TO THE STORAGE FACILITY, OR FROM THE STORAGE FACILITY TO THE SITE, THE INSPECTOR SHALL DETERMINE THAT THEY ARE ACCEPTABLE AND ISSUE A WRITTEN RELEASE WHICH SHALL BE IN THE FORM OF A VERIFIED REPORT (FORM SSS-6).
- A COPY OF THE INSPECTOR'S VERIFIED REPORT SHALL ACCOMPANY EACH BUILDING TO STORAGE OR TO THE SITE. THE INSPECTOR SHALL PUT ONE COPY IN EACH BUILDING.



787 Spreckels Ave. Manteca, CA 95338
Phone (209) 925-1921 - Fax (209) 925-7018
americanmodular.com

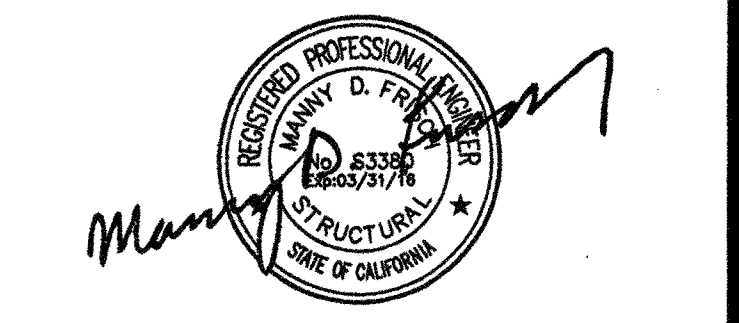
MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
GENERAL NOTES

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01-115705
ACS FLS SSS
DATE APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CA. DEPT. OF GENERAL SERVICES
PC 02-113876
DATE 6/22/15

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

REVISIONS

DRAWN BY:
SCALE: AS NOTED
DATE:

SHEET NUMBER

N1.0

COORDINATION OF WORK

THE CONTRACTOR IS RESPONSIBLE FOR MAKING ALL NECESSARY ARRANGEMENTS WITH THE SCHOOL DISTRICT AUTHORIZED REPRESENTATIVE FOR ACCESS TO GROUNDS AND REMOVAL OF EQUIPMENT, IF NECESSARY. THIS CONTACT SHALL BE MADE AT LEAST 48 HOURS PRIOR TO DELIVERY OF ANY MODULE ON-SITE. INSPECTION SHALL BE DONE BY THE SITE INSPECTOR. ALL WORK WHICH THE MANUFACTURER OR HIS SUBCONTRACTORS PERFORM AT THE SITE SHALL BE SUBJECT TO THE INSPECTION OF THE SITE INSPECTOR. THE MANUFACTURER WILL FURNISH THE SITE INSPECTOR WITH SUCH INFORMATION AS MAY BE NECESSARY TO KEEP HIM FULLY INFORMED AS TO PROGRESS OF WORK AND DATES WHEN SITE WORK WILL OCCUR. THE CONTRACTOR SHALL NOTIFY THE INSPECTION AGENCY AT LEAST 48 HOURS PRIOR TO COMMENCING WORK.

THE CONTRACTOR SHALL VERIFY THAT THE DISTRICT'S SITE IS READY TO RECEIVE THE CLASSROOM(S) PRIOR TO THE DELIVERY OF ANY CLASSROOM(S) BY VISITING EACH SITE (THIS MAY BE DONE BY THE INSPECTOR).

MATERIALS AND WORKMANSHIP

- 1. ALL CONTRACTORS SHALL CERTIFY THAT NO ASBESTOS-CONTAINING BUILDING MATERIALS WHICH EXCEED STATE AND FEDERAL MANDATED SAFE ASBESTOS LEVELS HAVE BEEN USED IN THE CONSTRUCTION OF RELOCATABLE FACILITIES.
2. ALL WORKMEN SHALL BE SKILLED AND QUALIFIED FOR THE WORK WHICH THEY PERFORM. ALL MATERIALS USED, UNLESS OTHERWISE SPECIFIED, SHALL BE NEW AND OF THE TYPES AND GRADES SPECIFIED. THE CONTRACTOR SHALL, IF REQUESTED, FURNISH EVIDENCE SATISFACTORY TO THE ARCHITECT THAT SUCH IS THE CASE.
3. CONTRACTOR'S CREWS ASSIGNED TO ANY WORK PERFORMED UNDER THIS CONTRACT SHALL INCLUDE ONE COMPETENT AND FULLY EXPERIENCED PERSON DESIGNATED AS THE RESPONSIBLE PERSON IN CHARGE. SUCH PERSON MUST BE IDENTIFIED BY NAME TO THE DISTRICT IN ADVANCE OF ANY WORK. UPON REQUEST, THE CONTRACTOR SHALL PROMPTLY FURNISH TO THE DISTRICT INFORMATION RELATING TO THIS EMPLOYEE'S EXPERIENCE.
4. WORKMANSHIP SHALL BE EQUAL OR BETTER IN QUALITY TO THAT REQUIRED BY THE CONSTRUCTION TRADES FOR A FINISHED PRODUCT. A QUALITY CONTROL SUPERVISOR, DESIGNATED BY THE MANUFACTURER, SHALL REVIEW ALL WORK IN PROGRESS AND SHALL REVIEW THE FINISHED BUILDING PRIOR TO FINAL INSPECTION TO ASSURE IT IS COMPLETE AND CORRECT. THE QUALITY CONTROL SUPERVISOR SHALL HAVE THE AUTHORITY TO HAVE MATERIALS REPLACED AND WORK REDONE IN ORDER TO CORRECT FAULTY MATERIALS OR WORKMANSHIP.

GENERAL DESIGN REQUIREMENTS

- 1. SO THAT TWO MODULES UP TO (10) APPROXIMATELY 12' x 40' MODULES DESIGNED MAY BE JOINED TOGETHER TO FORM A COMPLETE STRUCTURE TO MAINTAIN A POSITIVE ALIGNMENT OF FLOORS, WALLS, AND ROOF AND TO PERMIT SIMPLE NON-DESTRUCTIVE DETACHMENT FOR FUTURE RELOCATION.
2. EACH MODULE SHALL BE PERMANENTLY IDENTIFIED WITH (2) IMPRINTED (STAMPED NOT ENGRAVED) METAL IDENTIFICATION TAGS 3"x1-1/2" MINIMUM SIZE WITH THE FOLLOWING INFORMATION:
A. MANUFACTURER'S NAME AND BUILDING SERIAL NUMBER.
B. DESIGN WIND SPEED / EXPOSURE
C. DESIGN SEISMIC Ss VALUE / SITE SEISMIC Ss VALUE
D. DESIGN ROOF LIVE LOAD
E. DESIGN FLOOR LIVE LOAD
F. D.S.A. APPLICATION NUMBER
3. 2-TAGS PER MODULE: ONE ON EXTERIOR, AND ONE ON MODULE BEAM AT FRONT OF BUILDING ABOVE CEILING.
4. EACH MODULE SHALL BE CAPABLE OF RESISTING ALL VERTICAL AND LATERAL LOADS DURING TRANSPORTATION AND RELOCATION. (NORMAL INDUSTRY PRACTICE FOR BRACING MODULES DURING TRANSPORTATION AND RELOCATIONS IS ACCEPTABLE.) WHEN MODULES ARE ASSEMBLED JOINTS SHALL BE SEALED WITH REMOVABLE CLOSING STRIPS OR OTHER METHOD TO PRESENT A FINISHED APPEARANCE AND BE PERMANENTLY WATERPROOF.
5. EACH MODULE SHALL BE SUFFICIENTLY RIGID TO BE JACKED UP AT THE FRONT AND BACK CORNERS FOR RELOCATION WITHOUT DAMAGE OR THE MODULE SHALL HAVE LIFT LUGS AT FRONT AND BACK LOCATED AS REQUIRED SO THAT THE MODULE MAY BE JACKED UP FOR RELOCATION IN ONE PIECE WITHOUT ADDITIONAL SUPPORTS OF ANY TYPE. EVIDENCE OF EXCESSIVE BOWING DURING THE INSTALLATION OF THE MODULES WHICH, IN THE OPINION OF THE AGENCY ARCHITECT OR STRUCTURAL ENGINEER, CAUSES EXCESSIVE WORKING AT ANY JOINT OR COMPROMISES THE STRUCTURAL INTEGRITY OF THE MODULE SHALL BE SUFFICIENT REASON FOR REJECTION OF THE MODULE.
6. FINISH AND BASE MATERIALS AT EACH MODULE SHALL TERMINATE AT INTERIOR MODULE JOINTS IN A MANNER TO JOIN FLUSH AND TIGHT WITH SAME MATERIAL IN ADJACENT MODULE SO THE MODULE MAY BE RELOCATED WITH MINIMUM CUTTING AND PATCHING.

MARKERBOARD SPECIFICATIONS

MARKERBOARDS SHALL BE 24 GA. PORCELAIN STEEL FACING SHEET SUITABLE TO ACCEPT DRY ERASE FELT MARKERS. THE FACING SHEET SHALL BE LAMINATED TO PARTICLE BOARD SUBSTRATE WITH A MINIMUM DENSITY OF 45lbs/cu.ft. THE PANEL SHALL HAVE A FOIL BACKING. THE PANELS SHALL HAVE EXTRUDED ALUMINUM MOLDING AND CHALKRAIL WITH A MINIMUM OF 2 15/16" PROJECTION FROM THE FACE OF PANEL. THREE MAP HOOKS WITH CLIPS PER PANEL SHALL BE PROVIDED. ONE FLAG HOLDER, 1/2" SIZE, SHALL BE PROVIDED FOR EACH CLASSROOM. EACH CLASSROOM SHALL HAVE 2 EACH 4x8" PANELS INSTALLED SIDE BY SIDE TO MAKE A 4'x16" PANEL, CENTERED ON THE WALL.

REFERENCE BRANDS: CHATFIELD-CLARKE Co, Inc. SERIES 500 OR NELSON ADAMS Co. NACO SERIES 60.

INTERIOR

- 1. FLOOR: CARPETS - CARPET PER STATE OF CALIFORNIA SPEC COMPLYING WITH GROUP 1 TYPE A OR TYPE B CLASS 2, DENSITY 4600, DIRECT GLUE DOWN. (CARPET SHALL BE SECURELY ATTACHED, HAVE FIRM CUSHION, PAD OR BACKING OR NONE AT ALL AND HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL-CUT PILE OR LEVEL-CUT/UNCUT PILE TEXTURE. THE MAXIMUM PILE HEIGHT SHALL BE 1/2" INCH. CARPET EDGE TRIM SHALL COMPLY WITH SECTION 118302.2 GROUP 1 COVERED CLASS 26. COLOR AND CLASS SELECTED BY ARCHITECT AFTER AWARD OF BID. THE CARPET DENSITY SHALL BE 4600 MINIMUM. PILE YARN SHALL BE BRANDED NYLON. NO CROSS SEAMS SHALL BE ALLOWED. PILE HEIGHT 1/2" MAX.
2. BASE: RESILIENT COVE BASE - BEST QUALITY, MOULDED RUBBER, 1/8" THICK, 4" HIGH MOULDED TOP COVE. PROVIDE PREFORMED BASE FOR SQUARE EXTERNAL CORNERS AND PREFORMED END STOPS WHERE BASE DOES NOT ABUT. SOLID COLOR AS MANUFACTURE BY 'JOHNSONITE CO.', FLECCO, OR EQUAL. APPLY COVE TO COMPLETE PERIMETER OF CLASSROOM.
3. INTERIOR WALLS SHALL BE VINYL COVERED TACKBOARD (U.O.N.) APPLIED IN ONE CONTINUOUS LENGTH FROM FLOOR TO CEILING. THE TACKBOARD SHALL BE INDUSTRIAL INSULATION BOARD MANUFACTURED SPECIFICALLY AS A SUBSTITUTE FOR VINYL COVERED WALL PANELS. THE BOARD SHALL BE ASPHALT FREE, SHALL HAVE AN IRONED-ON COATING AND SHALL HAVE A MINIMUM DENSITY OF 18 LBS. PER SQUARE YARD. THE VINYL COATING SHALL BE MADE OF VIRGIN VINYL LENDERED BASE COLOR WEIGHING A MINIMUM OF 8 OZ. PER SQUARE YARD. THE COATING BACKING SHALL BE SHEETING OR NON-WOVEN FABRIC. THE VINYL COATING SHALL BE MECHANICALLY LAMINATED, WITH THE LONG EDGES WRAPPED, TO THE TACKBOARD. TACKBOARD SHALL BE APPLIED OVER 1/2" SHEETROCK OR OSB SHEATHING. THE VINYL COVERED PANEL SHALL HAVE A CLASS III FLAME SPREAD RATING. THE PANEL SHALL BE APPROVED FOR CLASSROOM USE BY THE CALIFORNIA STATE FIRE MARSHAL. REFERENCE BRAND: VINYL COVERED TACKBOARD AS MANUFACTURED BY CHATFIELD-CLARKE OR COMPARABLE. CARE SHALL BE TAKEN IN MOUNTING THE TACKBOARD SO THAT THE TEXTURE OF ALL PANELS WILL HAVE THE SAME ORIENTATION AND COLOR MATCH.
4. CEILING: SUSPEND T-BAR SYSTEM, SEE SHEET M1.3 FOR DETAILS, MATERIALS AND INSTALLATION PER ASTM C 835, ASTM C636 AND IR 25-2.13 INCLUSIVE AS APPLICABLE TO CLASSROOMS. PANELS SHALL BE 5/8" MINIMUM THICK. MINERAL FIBERBOARD OR VINYL-FACED FIBERGLASS LAY-UP PANELS SQUARE EDGE ASTM FLAME SPREAD CLASS 1, LIGHT REFLECTION 75% MINIMUM, NOISE REDUCTION COEFFICIENT OF 0.85 MINIMUM. MAXIMUM SMOKE DENSITY NOT TO EXCEED 450.
5. THE INTERIOR ENVIRONMENT SHALL BE ASSEMBLED WITH PRODUCTS THAT CONTRIBUTE TO A HEALTHY INDOOR AIR QUALITY (IAQ). THE FOLLOWING SHALL COMPLY TITLE 24, PART 11 ("CAL-GREEN"), SECTION 5.504.4.

- A. ADHESIVES, SEALANTS AND CAULKS 5.504.4.1
B. PAINTS AND COATINGS 5.504.4.3
C. AEROSOL PAINTS AND COATINGS 5.504.4.3.1
D. CARPET SYSTEMS 5.504.4.4
E. CARPET CUSHION 5.504.4.4.1
F. COMPOSITE WOOD PRODUCTS 5.504.4.5
G. RESILIENT FLOORING SYSTEMS 5.504.4.6
H. HVAC FILTER (MERV RATING OF 8+) 5.504.5.3.1

- 6. FLAME/SMOKE SPREAD:
WALL FINISH MATERIAL PIPE INSULATION FLAME
FLAME SPREAD MAX = 200 SPREAD MAX = 25
SMOKE DENSITY MAX = 450 SMOKE DENSITY MAX = 450
BUILDING INSULATION FLAME DUCT INSULATION FLAME
SPREAD MAX = 25 SPREAD MAX = 25
SMOKE DENSITY MAX = 450 SMOKE DENSITY MAX = 50

DOORS & WINDOWS

- 1. EXTERIOR DOORS: METAL DOORS - 3'-0"x7'-0" HOLLOW METAL DOOR CONSTRUCTION OF 1 SHEET OF 18 GA. GRADE II STEEL ASSEMBLED PER CS242 MINIMUM, AND REINFORCED WITH 20 GA. MINIMUM. FILL DOOR SPACES WITH MINERAL WOOL OR OTHER INSULATION. (REINFORCE BOTH FACES FOR CLOSURE.) PROVIDE FLUSH TOP ON DOORS. HARDWARE REINFORCEMENT SHALL BE 10 GA. WIN FOR HINGES. DOOR FRAME SHALL BE 16 GA. PRESSED STEEL FRAME ASTM A366 & CS242. HARDWARE REINFORCEMENT SHALL BE 10 GA. PLATE. FRAMES SHALL BE DESIGNED WITH INTEGRAL STOP AND TRIM. PROVIDE (3) ANCHORS PER JAMB PLUS ADJUSTABLE FLOOR ANCHOR. ROOMS WITH AN OCCUPANT LOAD OF FIVE OR MORE SHALL HAVE DOOR HARDWARE CAPABLE OF BEING LOCKED FROM THE INSIDE (PER CBC 1008.1.11).
2. EXTERIOR WINDOWS: PROVIDE ANODIZED ALUMINUM FRAME 5/8" MINIMUM DUAL PANE WINDOW UNITS, AS SHOWN ON FLOOR PLANS, THE 5/8" DIMENSION IS THE MINIMUM THICKNESS FOR 45% MAXIMUM INTERIOR PANE CONSISTING OF TWO LITES OF GLASS AND THE AIR SPACE.
3. GLAZING MATERIAL SHALL BE: EXTERIOR LITE - 3/16" MINIMUM TEMPERED GLASS OR LAMINATED AS - 1 GLASS OF SOLAR GRAY GLARE REDUCING TYPE WITH A LIGHT TRANSMISSION FACTOR OF 45% MAXIMUM. INTERIOR LITE - 1/8" MINIMUM CLEAR TEMPERED. MINIMUM AIR SPACE SHALL BE 1/4" SPACE - BENT OR SEALED CORNER ALUMINUM WITH DESICCANT FILL SEALER - BUTYL PRIMARY SEAL AND POLYSULFIDE OR SILICONE SECONDARY SEAL. CERTIFICATION - ALL GLAZING TO BE CERTIFIED IN ACCORDANCE WITH ASTM E-773, E-774.
4. HEADER HEIGHT SHALL BE THE SAME AS THE DOOR. ALL OPERABLE SASH SHALL HAVE ALUMINUM SCREENS. WINDOWS SHALL NOT BE MOUNTED TO THE EXTERIOR OSB SURFACE. ALL WINDOWS SHALL MEET THE AAMA G5101-88 VOLUNTARY SPEC. FOR ALUMINUM PRIME WINDOWS AND SLIDING GLASS (ANSI), COMMERCIAL GRADE.

HARDWARE

- 1. EXTERIOR DOOR
A. HINGES: HAGER 4-1/2" x 4-1/2" BUTTS, BB1279 US26D, 1-1/2" PAIR EACH DOOR WITH SET SCREW I BARREL AND BALL BEARING DESIGN, OR APPROVED EQUAL.
B. EXTERIOR LOCKSET: SCHLAGE N070PD, CORBIN, YALE OR EQUIVALENT. ALUM. FINISH. PANIC BARS/PULL HANDLE TYPE VON DUPRIN 22NL (PULL ON EXT.) OR CORBIN, YALE OR EQUIVALENT. ALUM. FINISH. PANIC BARS ARE ONLY REQUIRED WHERE THE OCCUPANT LOAD IS 50 OR MORE. ROOMS WITH AN OCCUPANT LOAD OF FIVE OR MORE SHALL HAVE DOOR HARDWARE CAPABLE OF BEING LOCKED FROM THE INSIDE (PER CBC 1008.1.11).
C. CLOSER: NORTON 8500DA OR 8500BF SERIES, LCN 1460 DEL SERIES OR EQUAL.
D. WEATHERSTRIPPING: ALL EXTERIOR DOORS SHALL BE WEATHERSTRIPPED WITH PEMKO 299D, ULTRA W5007 OR EQUAL AT DOOR JAMBS AND HEAD.
E. THRESHOLD: THRESHOLD SHALL BE PEMKO 271 AV 5" ALUMINUM WITH PEMKO 216 AV ULTRA TH042 DOOR BOTTOM.
F. DOORSTOP: QUALITY #44, OR EQUAL. FLOOR STOP @ 4" MAX FROM WALL.

HARDWARE continued

- G. INTERIOR LOCKSET:
STUDENT TOILETS INTERIOR PASSAGE COPPER CREEK 6200-PELDOG w/ ADA LEVER OR 6231-RESTROOM w/ ADA LEVER
OFFICES INTERIOR ENTRY/OFFICE COPPER CREEK 6241-ENTRY/OFFICE w/ ADA LEVER
CUSTODIAL INTERIOR STOREROOM COPPER CREEK 6250-STOREROOM w/ ADA LEVER
PUBLIC TOILETS EXTERIOR DOOR LOCKSET RHODES SCHLAGE N095PD w/ LEVER

FIRE EXTINGUISHER

- 1. EACH CLASSROOM SHALL BE EQUIPPED WITH PRESSURE TYPE FIRE EXTINGUISHERS WITH 2A10BC UL RATING. MOUNT ON THE INTERIOR WALL OF THE BUILDING NEAR THE DOORWAYS AT A MAXIMUM HEIGHT OF 4 FEET TO THE TOP OF THE OPERATING HANDLE, AND THE BOTTOM OF F.E. MOUNTED 27" OR LESS A.F.F. FIRE EXTINGUISHERS SHALL BE TOTALLY CHARGED AND HAVE A DIAL INDICATING THE STATE OF CHARGE.

ACCESSIBILITY STANDARDS

REFERENCE: 2013 CALIFORNIA BUILDING CODE (TITLE 24, PART 2, CCR), CHAPTER 11B "ACCESSIBILITY TO PUBLIC..."

SECTION 11B-206.2 BUILDING ACCESSIBILITY. GENERAL

SECTION 11B-208.1 PARKING SPACES REQUIRED

SECTION 11B-216 SIGNAGE

SECTION 11B-218.1 SIGNAGE

- 1. TO IDENTIFY PERMANENT ROOMS & SPACES
2. TO PROVIDE DIRECTIONS AND INFORMATION ABOUT SPACES & FACILITIES
3. TO IDENTIFY MEANS OF EGRESS
A. AREAS OF REFUGE AND AREA FOR ASSISTED RESCUE (PER 1007.9 AND 1007.11)
B. DIRECTIONS TO AN EXIT (PER 1007.10)
C. DELAYED EGRESS LOCKS (PER 1008.1.9.7 ITEM 5 AND 5.1)
D. EXIT WAYS (PER 1011.4)

- 4. TO IDENTIFY PARKING SPACES
5. TO IDENTIFY ENTRANCES OR ROUTE TO AN ACCESSIBLE ENTRANCE
6. TO IDENTIFY ELEVATORS
7. TO IDENTIFY TOILET ROOMS
8. TO IDENTIFY PUBLIC TELEPHONES, TTY and ASSISTIVE LISTENING SYSTEMS

SECTION 11B-404.2.8 DOOR CLOSING SPEED

SECTION 11B-404.2.9 DOOR OPENING FORCE

SECTIONS 11B-404.2.4.3 RECESSED DOORS

SECTION 11B-405.5 RAMP WIDTH

SECTION 11B-505 HANDRAILS

SECTION 11B-604 TOILET ROOMS AND BATHING ROOMS

SECTION 11B-608.5 WATER CONTROLS

SECTION 11B-604.2.4.3 RECESSED DOORS

SECTION 11B-608.5 WATER CONTROLS

SECTION 11B-604.2.4.3 RECESSED DOORS

SECTION 11B-608.5 WATER CONTROLS

SECTION 11B-604.2.4.3 RECESSED DOORS

SECTION 11B-608.5 WATER CONTROLS

SECTION 11B-604.2.4.3 RECESSED DOORS

SECTION 11B-608.5 WATER CONTROLS

SECTION 11B-604.2.4.3 RECESSED DOORS

SECTION 11B-608.5 WATER CONTROLS

SECTION 11B-604.2.4.3 RECESSED DOORS

SECTION 11B-608.5 WATER CONTROLS

SECTION 11B-604.2.4.3 RECESSED DOORS

SECTION 11B-608.5 WATER CONTROLS

SECTION 11B-604.2.4.3 RECESSED DOORS

LIGHT GAUGE METAL STUDS & COLD FORMED STEEL

- 1. ALL LIGHT GAUGE METAL STUDS & COLD FORMED STEEL SHALL BE FORMED FROM STEEL THAT CORRESPONDS TO THE MINIMUM REQUIREMENTS OF THE 2010 AISI/COS/ANSI.
2. ALL GALVANIZED STUDS, JOISTS, TRACK, BRIDGING AND ACCESSORIES SHALL BE FORMED FROM STEEL HAVING A GALVANIZED COATING MEETING THE REQUIREMENTS OF ASTM A653.
3. CUSTOM FORMED SHAPES SHALL BE BENT FROM ASTM A1011 STEEL SHEETS.
4. STUD AND TRACK DESIGNATIONS ARE BASED ON STEEL STUD MANUFACTURERS ASSOCIATION. ICC-ES EVALUATION REPORT ESR-3064P.
5. GALVANIZED FRAMING PRODUCTS SHALL BE COATED IN ACCORDANCE WITH REQUIREMENTS OF ASTM A653. PRODUCTS WILL BE FURNISHED WITH A G-60 OR EQUIVALENT COATING IF SPECIFIED, AND SHALL BE IN CONFORMANCE WITH ASTM C-955, OTHERWISE, G-40 OR EQUIVALENT COATING WILL BE PROVIDED.

SCREWS FOR STEEL TO STEEL CONNECTIONS

- 1. SCREWS FOR STEEL TO STEEL CONNECTIONS SHALL BE TEXS PER ICC ESR-1976 OR TEXS SELECT PER ICC ESR-3223 BY ITW BUILDEX, U.O.N.
A. HEAD TYPE AS REQUIRED FOR APPLICATION.

ABBREVIATION LEGEND

Table with 3 columns: Abbreviation, Description, and Additional Notes. Includes entries for AC, A/C, ACI, ACOUS, ADD, ADD'L, ADJ, AIS, AISI, ALT, ALUM, ANSI, ARCH, ASTM, AWC, AWPA, AWS, BD, BLDG, BLK, BLKG, BLW, BM, BN, BOT/BOTT, BTWN, BUR, C, CAB, LAV, CEC, CFC, CCR, CEM, OF, CJP, CLJ, CLG, CLR, CMU, CO, COL, CONC, CONN, CONT, CSA, CTDR, CW, DBL, DET, DF, DIA, DIAG, DIM, DNS, DR, DS, DSA, DWG, E, EA, EJ, ELEV, EMBED, EN, ENB, ET, EQ, EW, EXP, EXT, F, (F), FAB, FAC, FD, FF, FHW, FIN, FLR, FLSHG, FN, FND/FNDN, FOF, FOS, FRP, FT, FTG, FURR, GA, GB, GL, GLV/GALV, GSM, GYP, HB, HC, HDR, HDW, HF, HM, HOR/HORIZ, HSS, HT, HVAC, HW, IAPMO, ICC, ID, IN, INSUL, INT, INVT, IR, KSI, LAM, LAV, LB, LBS, LLH, LLV, LNDG, LONG, LS, LST, LTV, LW, LWC, MATL, MAX, MB, MCH, MFG, MFR, MIN, MIR, MISC, MM, MTL, (N), NIC, NDS, NW, NWC, O/, OD, OH, OP, OPP, OSB, PL, PLAM, PLAS, PLR, PLT, PLW/P, PLY, PNC, PS, PSF, PSI, PTF, PTN, PVC, R, RD, REF, REFR, REINF, REQ'D/REQ, RES, RWD, RWL, SCH/SCHED, SD, SDSTS, SEC, SEP, SF, CLASS OR GLAZING, GALVANIZED, GALVANIZED SHEET METAL, GYPSUM, HOSE BIBB, HOLLOW CORE, HEADER, HARDWOOD, HEM FIR, HOLLOW METAL (STEEL), HORIZONTAL, HOLLOW STRUCTURAL SECTION (STEEL), HEIGHT, HEATING VENTILATING AIR CONDITIONING, HOT WATER, INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS, INTERNATIONAL CODE COUNCIL, INSIDE DIAMETER, INCH, INSULATE (D), (ION), INTERIOR, INVERT, INTERPRETATION OF REGULATIONS, JOINT, KIPS PER SQUARE INCH (KIPS = 1,000LBS), LAMINATE(D), LAVATORY, LEG, LONG LEG HORIZONTAL, LONG LEG VERTICAL, LANDING, LONGITUDINAL, LAG SCREW, LIGHT, LIGHT WEIGHT, LIGHT WEIGHT CONCRETE, MATERIAL, MAXIMUM, MECHANICAL BOLT, MECHANICAL MANUFACTURING MANUFACTURER, MINIMUM, MIRROR, MISCELLANEOUS, MILLIMETER, METAL, NEW, NOT IN CONTRACT, NATIONAL DESIGN SPECIFICATION, NORMAL WEIGHT CONCRETE, OVER, ON CENTER, OUTSIDE DIAMETER, OPPOSITE HAND OR OVERHANG, OPENING, OPPOSITE, ORIENTED STRAND BOARD, PROPERTY LINE, PLASTIC LAMINATE, PLASTER, POUNDS PER LINEAR FOOT, PLATE, PLYWOOD, POINT OF CONNECTION, PRODUCT STANDARD, POUNDS PER SQUARE FOOT, POUNDS PER SQUARE INCH, PRESURE TREATED, PRESERVATIVE TREATED DOUGLAS FIR, PARTITION, POLYVINYL CHLORIDE, RISER, ROOF DRAIN, REFERENCE, REFRIGERATOR, REINFORCING, REQUIRED, RESILIENT, REDWOOD, RAIN WATER LEADER, SCHEDULE, STORM DRAIN, SELF DRILLING SELF TAPPING SCREW, SECTION, SEPARATION, SQUARE FEET

METAL FLOOR DECK

- 1. SECTION PROPERTIES SHALL BE DERIVED IN ACCORDANCE WITH AISI, "SPECIFICATION FOR DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, LATEST EDITION."
2. METAL DECKING IS TO BE ATTACHED TO THE STRUCTURAL FRAME IN CONFORMANCE WITH AWS D1.1 AND D1.3, "SPECIFICATION FOR WELDING SHEET STEEL IN STRUCTURES."
3. ASTM REFERENCE NUMBERS: A) ASTM A653, STEEL SHEET, ZINC-COATED (GALVANIZED) OR ZINC-IRON ALLOY-COATED (GALVANEALD) BY THE HOT-DIP PROCESS STRUCTURAL (PHYSICAL) QUALITY.
4. STEEL DECK INSTITUTE (SDI)-METAL FLOOR DECK PROFILES SHALL BE IN CONFORMANCE WITH SDI STANDARDS.
A. B-36, 18 GAUGE, 1 1/2" DEEP x 36" WIDE
B. H-24, 18 GAUGE, 3" DEEP x 24" WIDE
C. 3-W, 18 GAUGE, 3" DEEP x 36" WIDE
5. METAL FLOOR DECK TO BE ASC STEEL DECK:
6. DECK UNITS ARE TO BE FABRICATED FROM SHEET STEEL CONFORMING TO ASTM A653, Fy=36 KSI WITH A GALVANIZED COATING, G-60 OR G-90.



MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE

GENERAL NOTES

MANUFACTURER PROFESSIONAL OF RECORD ON PC
UNO UNLESS OTHERWISE NOTED



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01-115705

DATE APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CA. DEPT. OF GENERAL SERVICES
PC 02-113876

DATE 6/2/15

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

REVISIONS

DRAWN BY:
SCALE: AS NOTED
DATE:

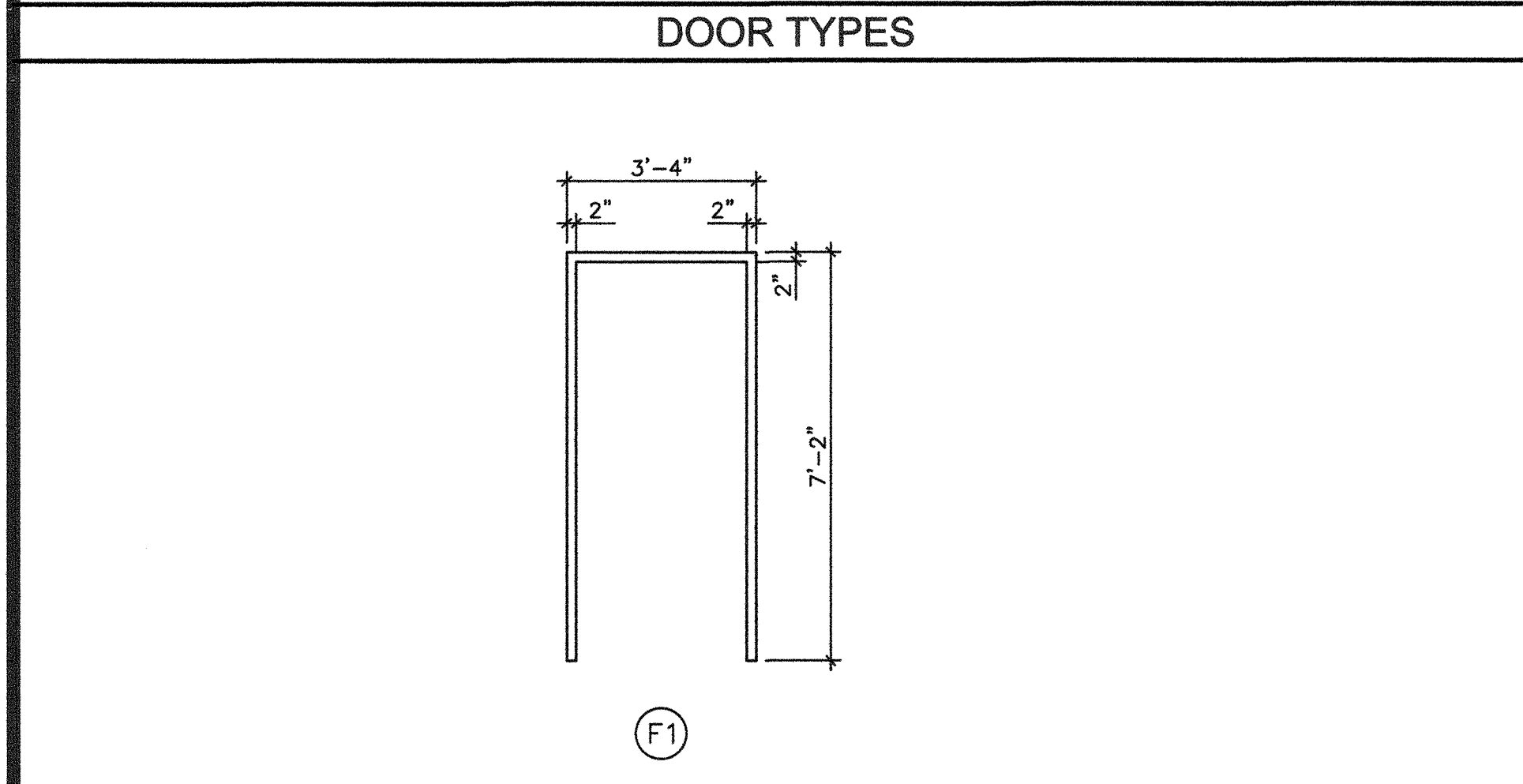
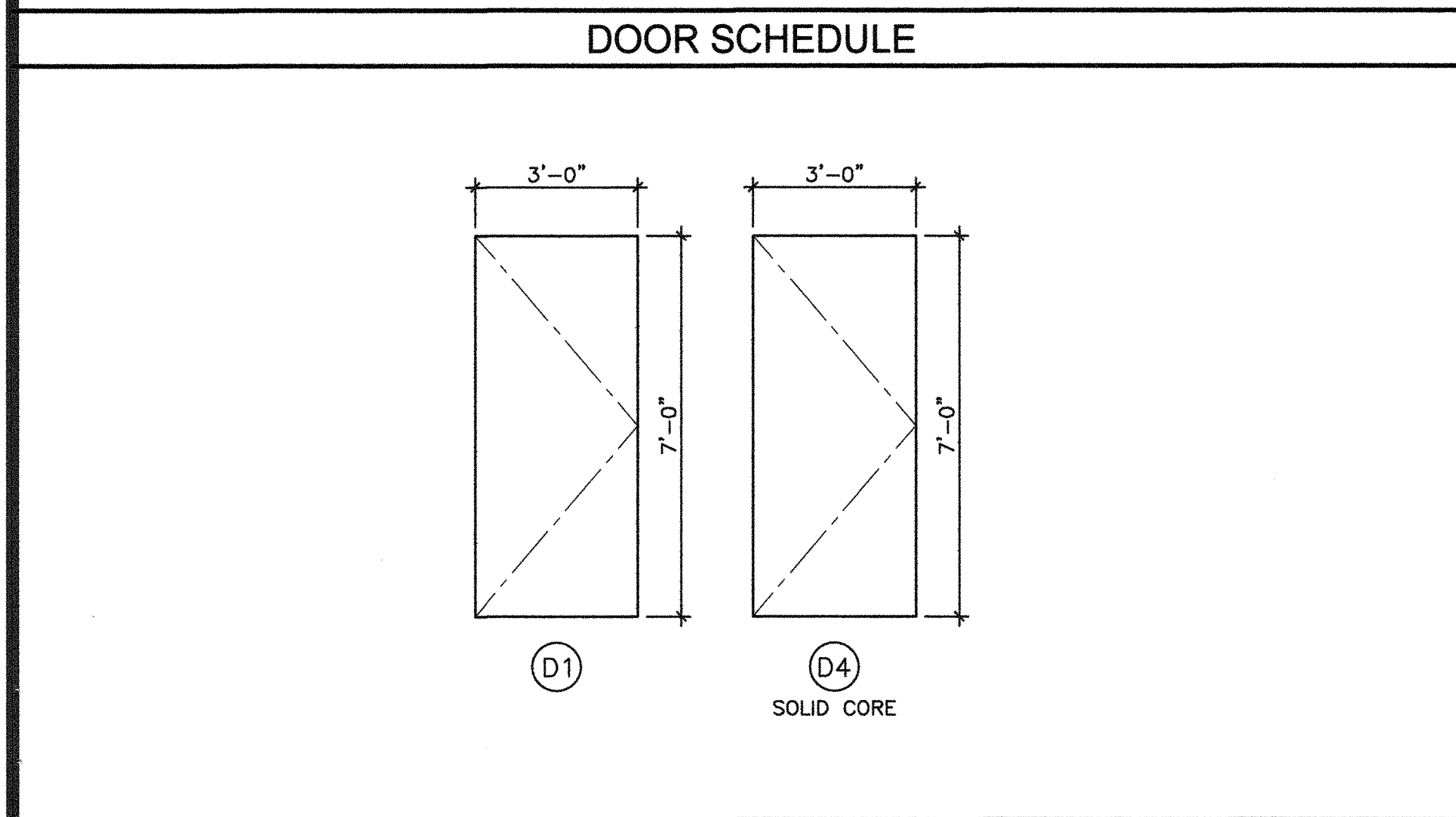
SHEET NUMBER
N2.0

DOORS				FRAMES				REMARKS			
DOOR NO.	DOOR TYPE	DOOR SIZE	QUANTITY	MATERIAL	FINISH	HARDWARE SET NO.	FRAME TYPE	MATERIAL	FINISH		
1	D1	3'-0" x 7'-0"	1	HM	PT	A	F1	S	PT	HARDWARE LOCKABLE FROM THE INSIDE, SEE DOOR NOTE #3	
2	D4	3'-0" x 7'-0"	1	SC	CLR	D	F1	S	BRN	RESTROOM	

DOOR ABBREVIATIONS
 HM - HOLLOW METAL
 AL - ALUMINUM
 S - STEEL
 SST - STAINLESS STEEL
 STL - STEEL FRAME, 16ga. FULLY WELDED
 WWF - WINDOW WALL FRAME

SC - SOLID CORE WOOD
 HC - HOLLOW CORE WOOD
 PT - PAINTED
 CA - CLEAR ANODIZED
 BR - BRONZE ANODIZED
 CLR - CLEAR FINISH
 BRN - BROWN

DOOR NOTES
 1. DOORS SHALL COMPLY WITH C.B.C. SECTION 1008.
 2. CLASSROOMS ≥ 1000 S.F WILL REQUIRE PANIC HARDWARE THAT COMPLIES WITH C.B.C. SECTION 1008.1.10.
 3. PER C.B.C. 1008.1.11: PROVIDE LOCKS THAT ALLOW DOORS TO CLASSROOMS AND ANY ROOM WITH AN OCCUPANCY OF FIVE OR MORE PERSONS TO BE LOCKED FROM THE INSIDE. LOCKS SHALL COMPLY WITH C.B.C. SECTION 1008.1.9.



DOOR FRAME TYPES

A	EXTERIOR DOOR LOCKSET w/LEVER RHODES SCHLAGE N095PD
B	EXTERIOR DOOR PANIC BAR w/PULL ON EXTERIOR VON DUPRIN 22NL (REQUIRED WHEN OCCUPANT LOAD IS 50 OR MORE)
C	INTERIOR PASSAGE COPPER CREEK 6220-PASSAGE w/ADA LEVER
D	INTERIOR RESTROOM COPPER CREEK 6231-RESTROOM w/ADA LEVER
E	INTERIOR ENTRY/OFFICE COPPER CREEK 6241-ENTRY/OFFICE w/ADA LEVER
F	INTERIOR STOREROOM COPPER CREEK 6250-STOREROOM w/ADA LEVER
G	INTERIOR CLASSROOM COPPER CREEK 6260-CLASSROOM w/ADA LEVER

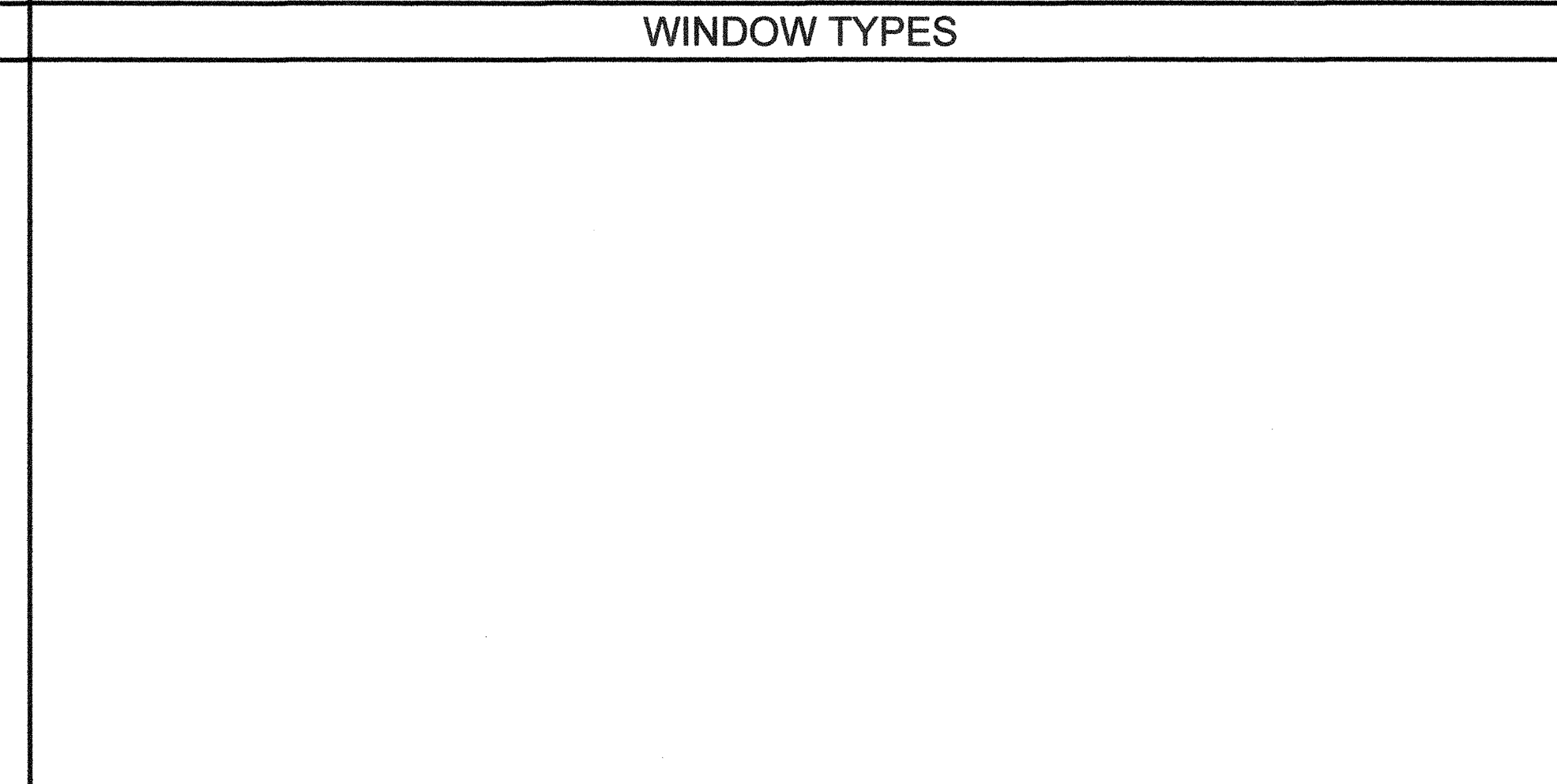
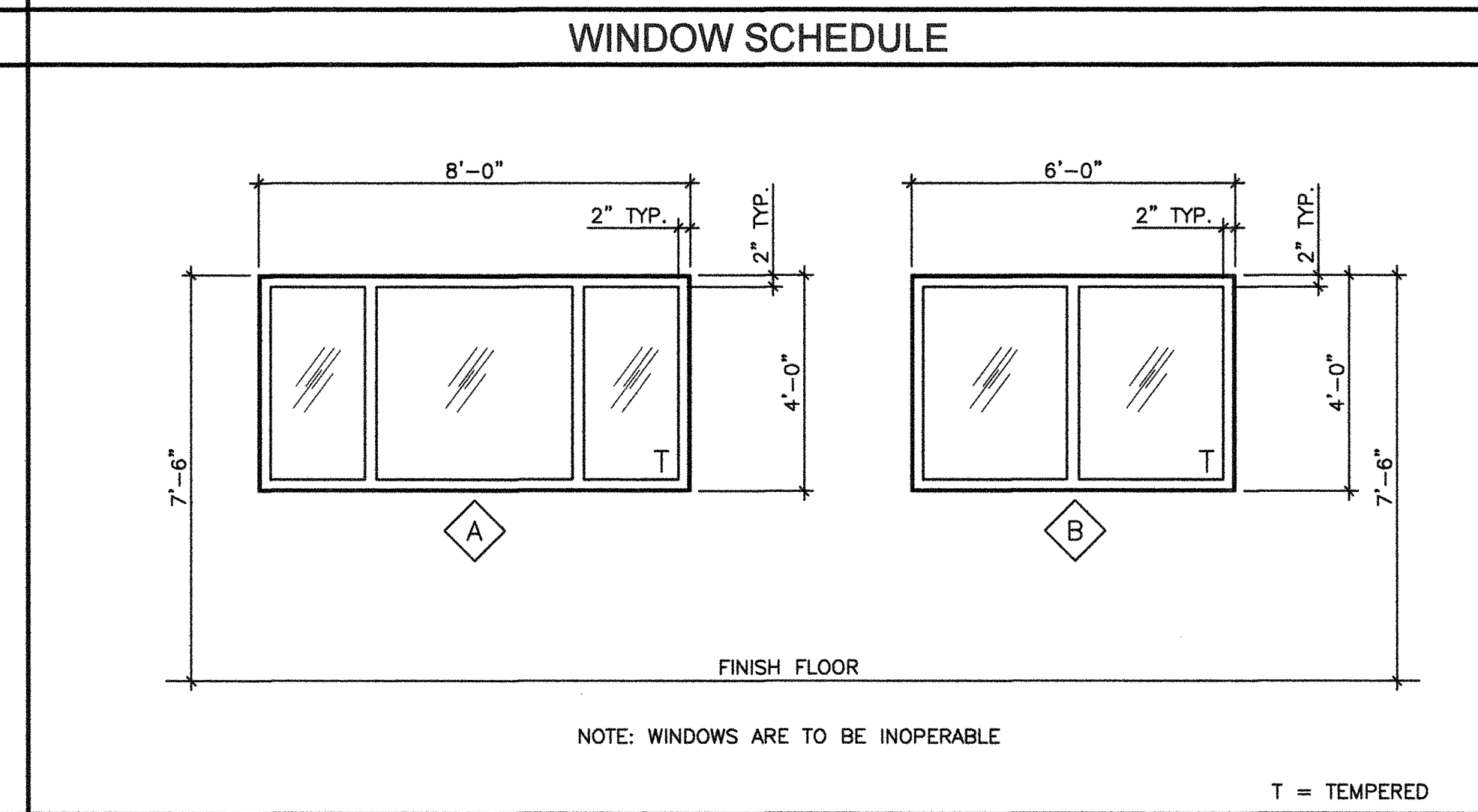
EXTERIOR DOOR HARDWARE
 1. HINGES: HAGER 4-1/2x4-1/2 BUTTS, BB1279 US26D, 1-1/2 PAIR SCREW IN BARREL AND BALL BEARING DESIGN.
 2. CLOSER: NORTON 8500DA OR 8500BF SERIES, LCN 1460 DEL SERIES OR EQUAL. (5 LBS. MAX. PRESSURE)
 3. WEATHERSTRIPPING: ALL EXTERIOR DOORS SHALL BE WEATHERSTRIPPED WITH PEMKO 299D, ULTRA WS007 OR EQUAL, AT DOOR JAMBS AND HEAD.
 4. THRESHOLD: THRESHOLD SHALL BE PEMKO 271 AV 5" ALUMINUM WITH PEMKO 216 AV ULTRA TH042 DOOR BOTTOM.
 5. LOCKDOWN: INTERIOR TEACHERS' MANUAL LOCK FOR CAMPUS LOCK DOWN CRITERIA - REQUIRED FOR STATE-FUNDED SCHOOLS, PER EDUCATION CODE SECTION 17075.50 (AND ALSO CBC 1008.1.11): PROVIDE LOCKS THAT ALLOW DOORS TO CLASSROOMS AND ANY ROOM WITH AN OCCUPANCY OF FIVE OR MORE PERSONS TO BE LOCKED FROM THE INSIDE. LOCKS SHALL COMPLY WITH C.B.C. SECTION 1008.1.9.

*ADDITIONAL DOORS MAY BE REQUIRED BASED ON BUILDING LAYOUT.

DOOR HARDWARE SCHEDULE

WINDOW TYPE	FUNCTION	QUANTITY	"W" WIDTH	"H" HEIGHT	FINISH	GLASS TYPE	U FACTOR	SHGC	VT MIN	MIN STC RATING	REMARKS
A	FIXED	1	8'-0"	4'-0"	BRONZE	SOLAR GREY	0.780	0.430	0.37	27	7'-6" HEIGHT
B	FIXED	1	6'-0"	4'-0"	BRONZE	SOLAR GREY	0.780	0.430	0.37	27	7'-6" HEIGHT

EXTERIOR LITE - 3/16" MINIMUM TEMPERED GLASS, OR LAMINATED AS 1 GLASS OF SOLAR GRAY GLARE REDUCING TYPE WITH A LIGHT TRANSMISSION FACTOR OF 45% MAXIMUM.



NOT USED

ROOM NUMBER	ROOM NAME	FINISHES							REMARKS	
		FLOOR	BASE	FRONT	REAR	RIGHT	LEFT	CEILING		
A-101 TYP.	CLASSROOM	S/C	D	F	F	F	F	K	8'-6"	SEE PLAN
A-102 TYP.	RESTROOM	B	R	J	J	J	J	K	8'-6"	
A-103 TYP.	KITCHEN	C	D	J	J	J	J	K	8'-6"	

FINISH INDICATORS

A - CARPET 2"x2" TILE PER STATE OF CALIF SPEC COMPLYING WITH GROUP 1, TYPE A OR TYPE B, CLASS 2, DENSITY 4600, DIRECT GLUE DOWN.
 B - VINYL SHEET FLOORING, 0.6 MIN, C.D.F. PER ASTM D 2047
 C - VCT ARMSTRONG, STANDARD, OR EXCELON
 D - TOP SET BASE. 4"
 E - TOP SET BASE. 6"
 F - WALL FINISH. 1/2" VINYL TACKBOARD CLASS 1 OVER 1/2" GYP BOARD BACKING
 G - 1/2" GYP BOARD. TAPE, PAINTED FINISH
 H - 1/2" GYP BOARD. TAPE, PAINTED FINISH
 J - 3/32" F.R.P. OVER 1/2" W.R. GYP BOARD
 K - ACOUSTICAL LAY IN GRID CEILING PANELS 2'x2'
 L - 1/2" VINYL TACKBOARD CLASS 1 OVER 5/8" TYPE "X" GYP BOARD BACKING
 M - 5/8" TYPE "X" GYP BOARD. TAPE, TEXTURE, PAINTED FINISH
 N - CERAMIC TILE - (FULL HEIGHT AT WALLS)
 O - EXPOSED CONCRETE WITH CONCRETE SEALER
 P - CLOUD CEILING PANELS
 R - SELF COVE
 S - CARPET

ROOM FINISHES SCHEDULE

NOT USED

MODULAR MANUFACTURER PROPRIETARY STATEMENT
 THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' BUILDING

SITE SPECIFIC PROJECT NAME
**SANTA CLARA COUNTY OF EDUCATION
 SANTA TERESA ELEMENTARY**

SHEET TITLE
**TYPICAL SCHEDULES:
 DOORS, WINDOWS &
 FINISHES**

MANUFACTURER PROFESSIONAL OF RECORD ON PC

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APPL 01-115705
 /CS FLS SSS
 DATE APR 03 2016

ORIGINAL PC STATE AGENCY APPROVAL

BASED ON PC# 02-113876
 PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS

DRAWN BY: AB
 SCALE: AS NOTED
 DATE: 10/12/15
 SHEET NUMBER
N3.0

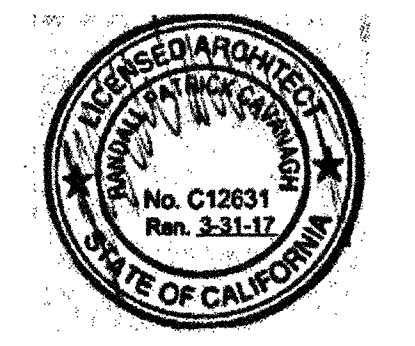
MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
ACCESSIBILITY STANDARDS DETAILS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01-115705
DATE APR 18 2016

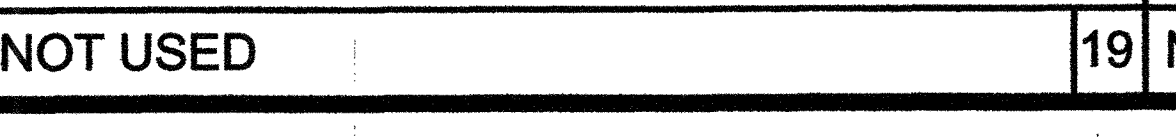
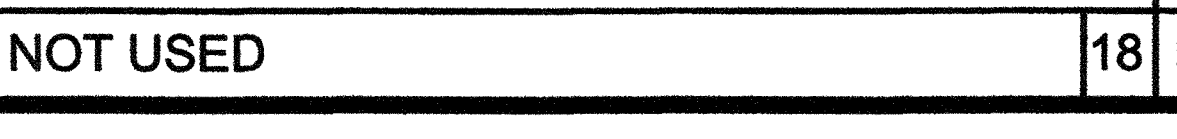
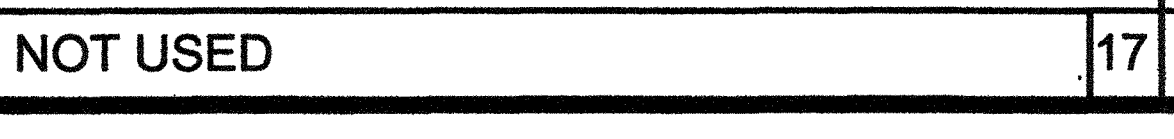
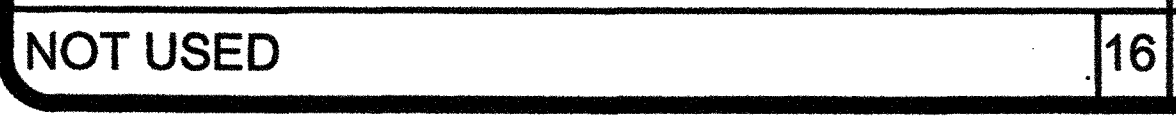
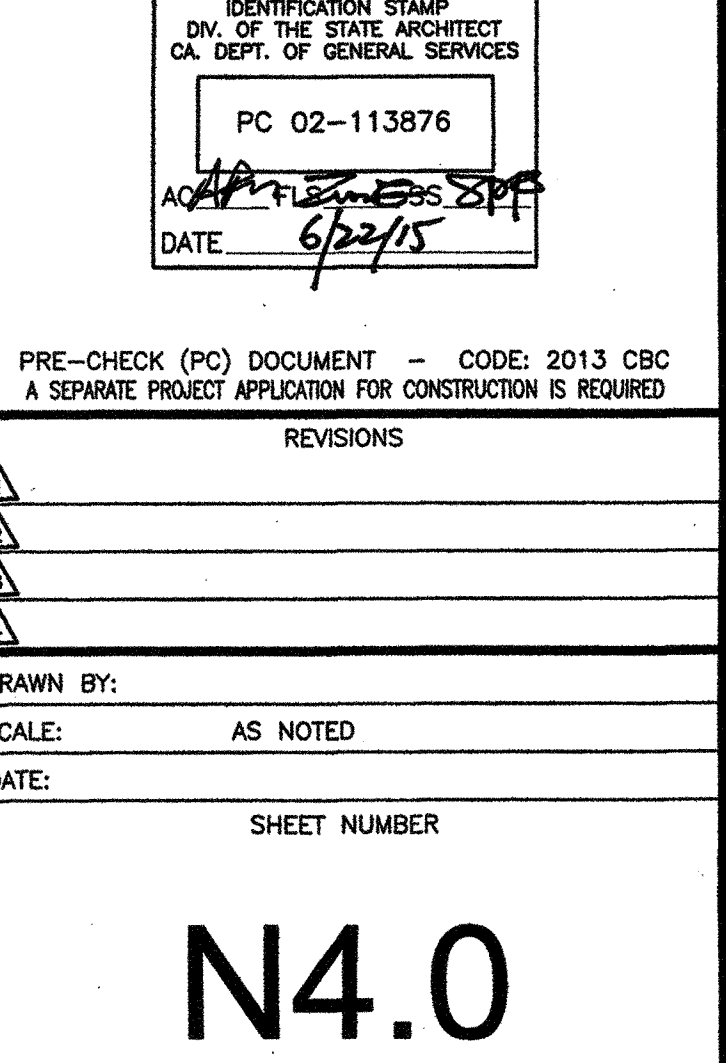
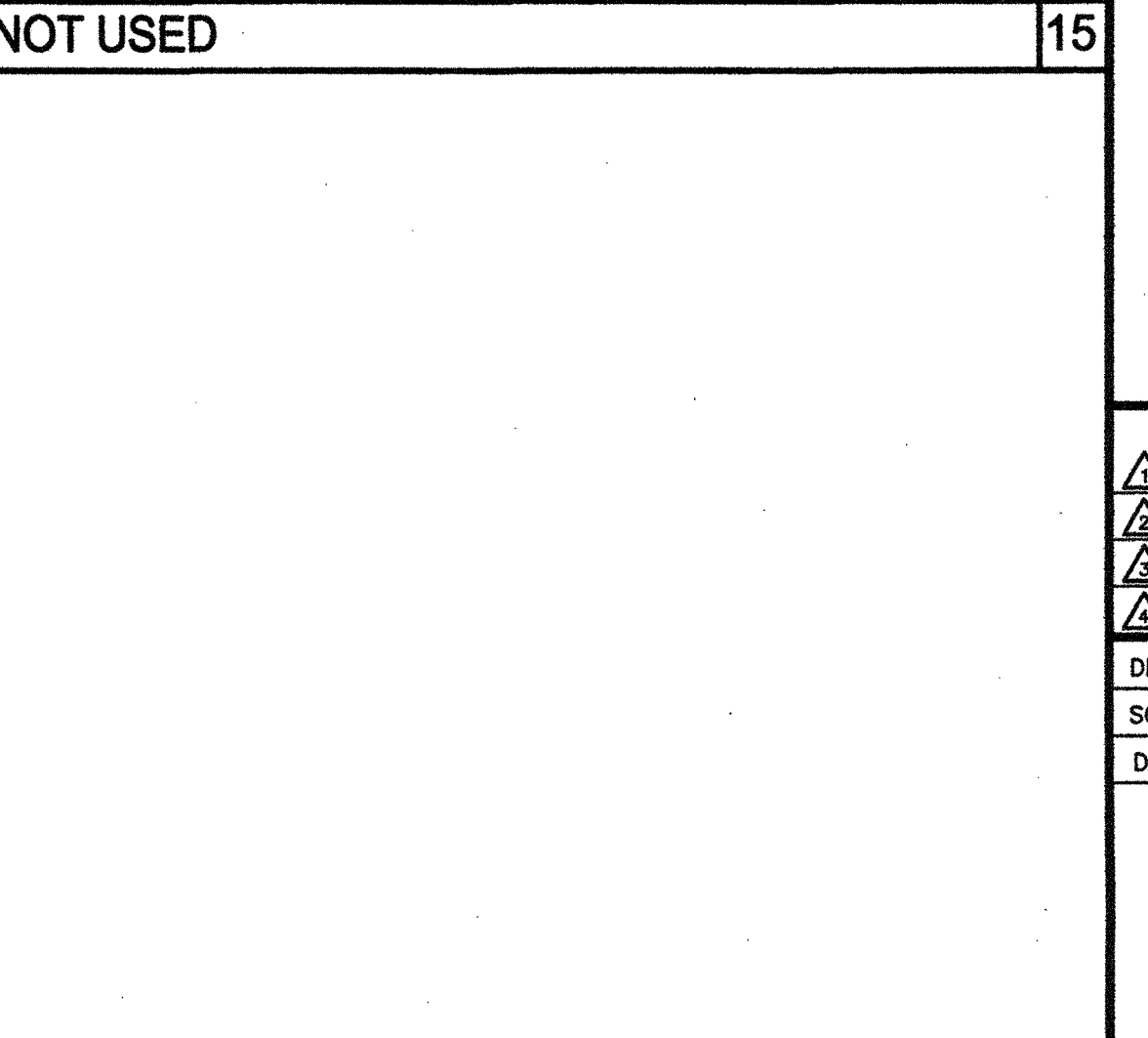
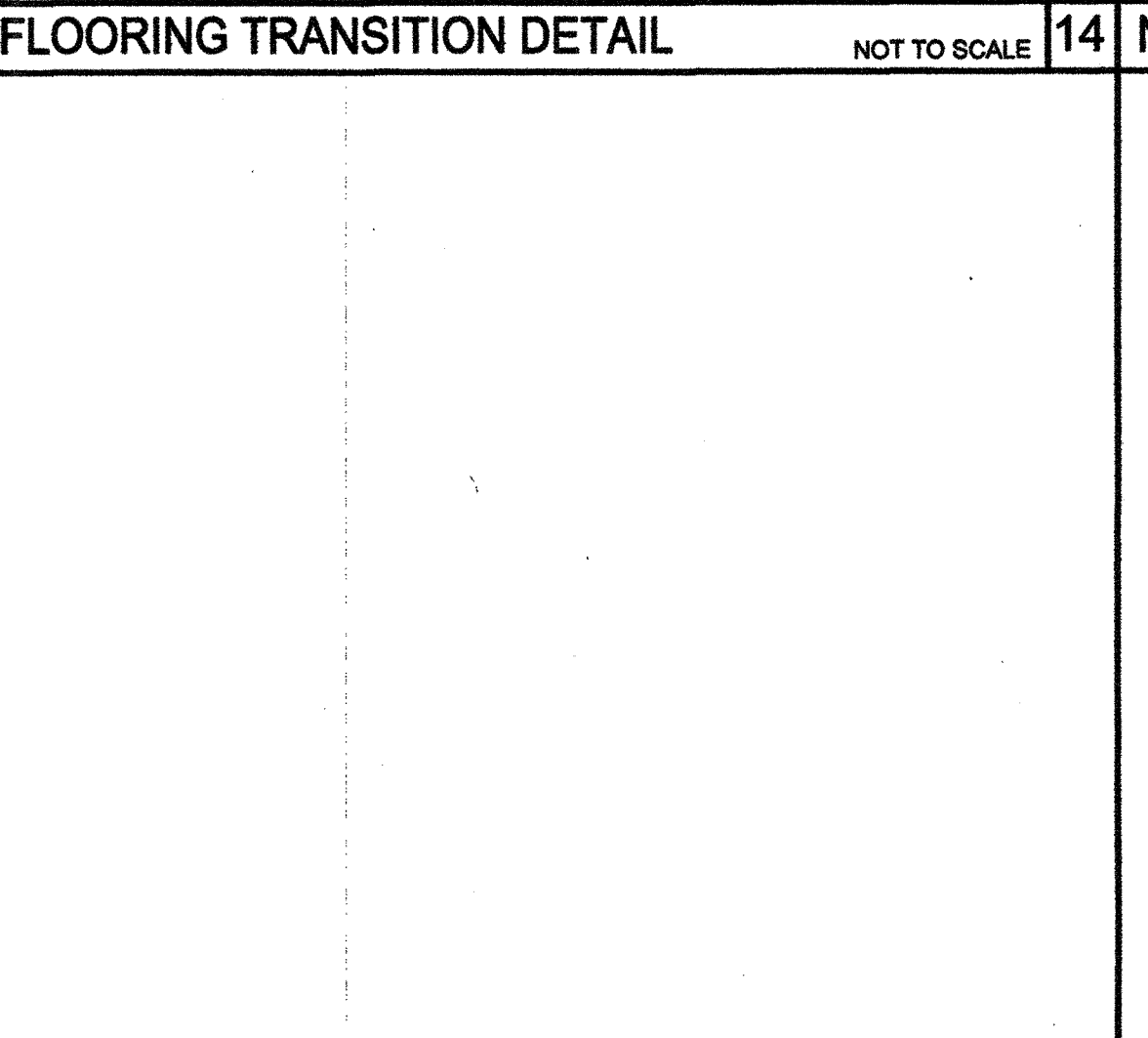
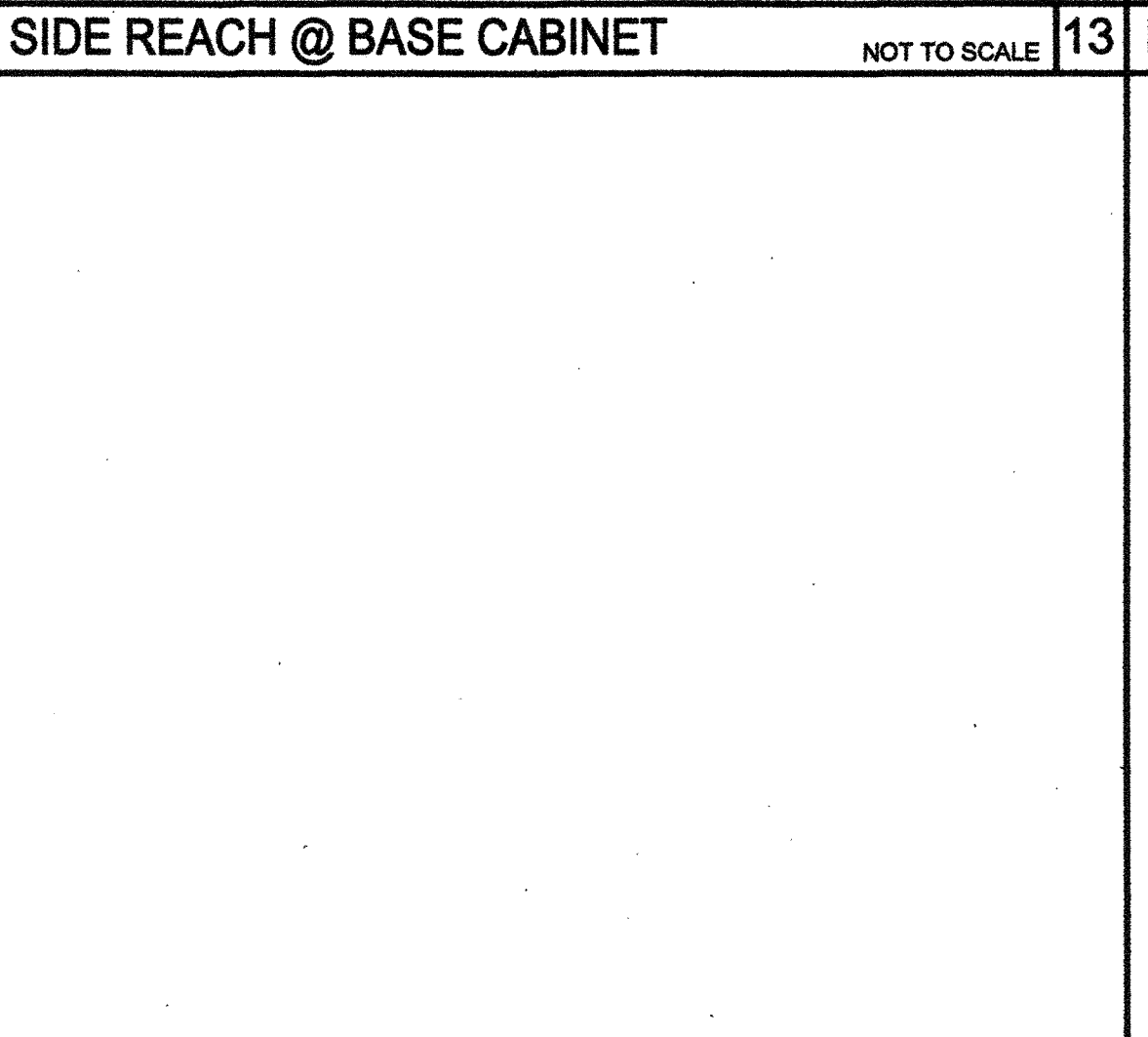
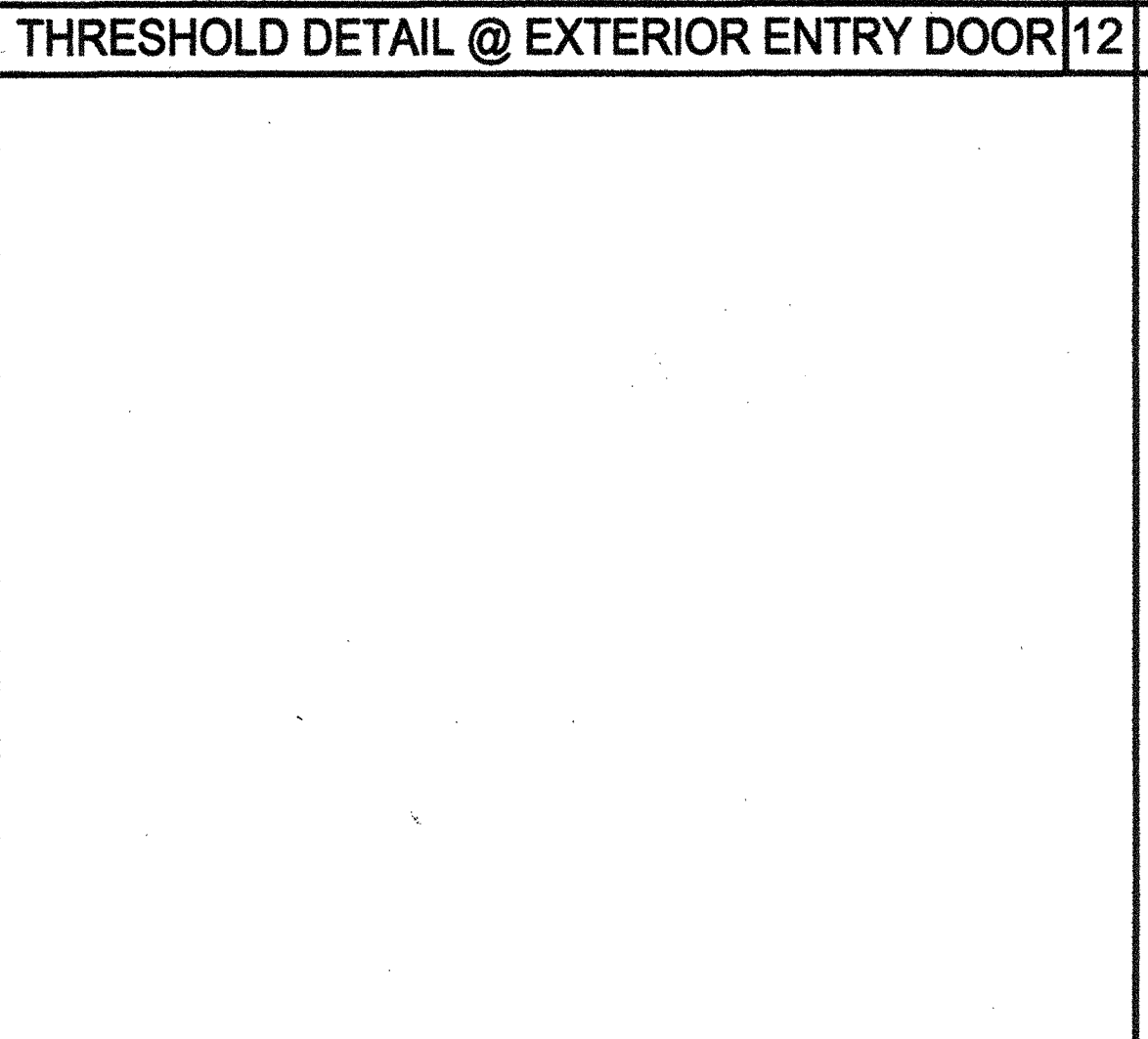
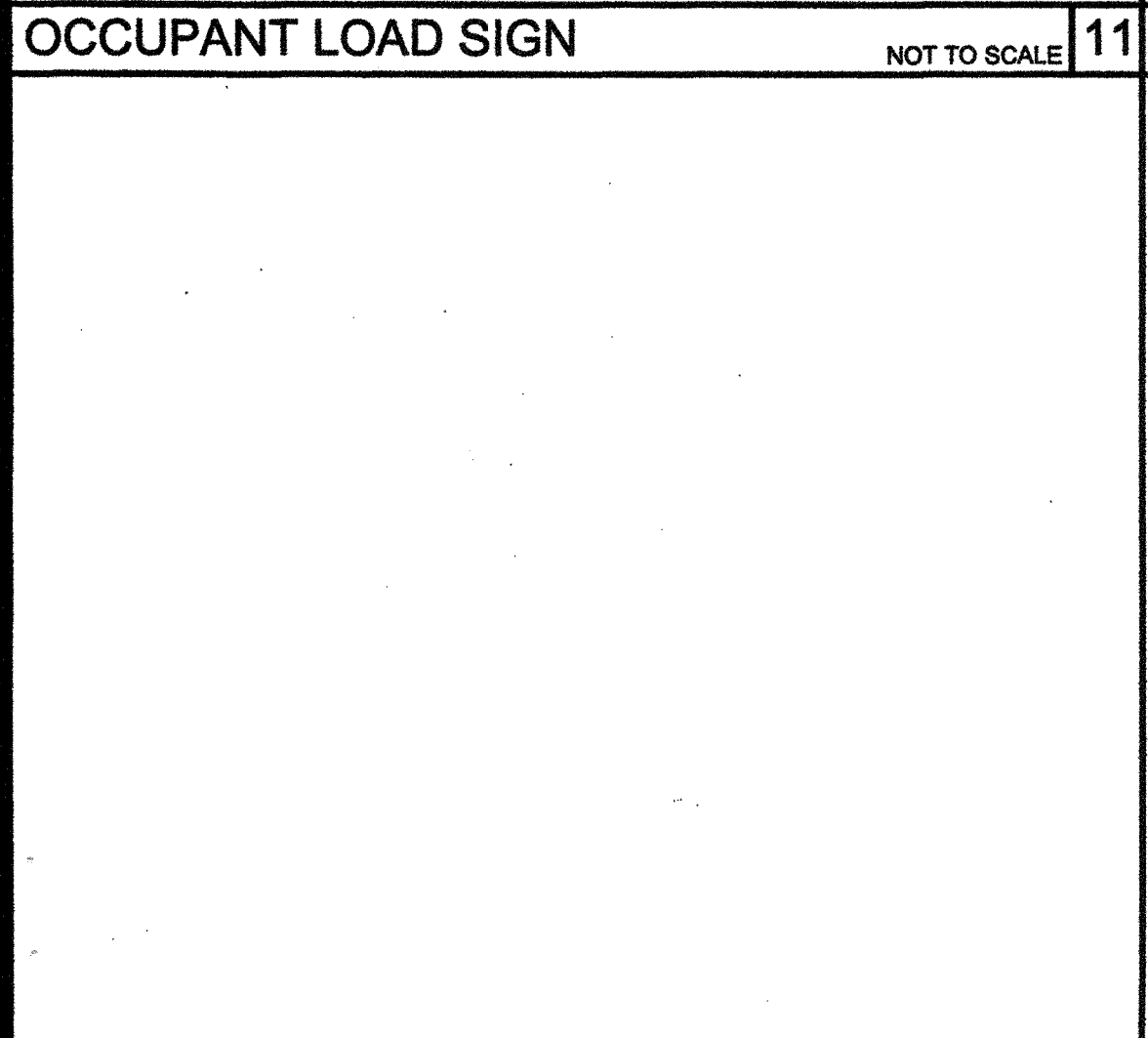
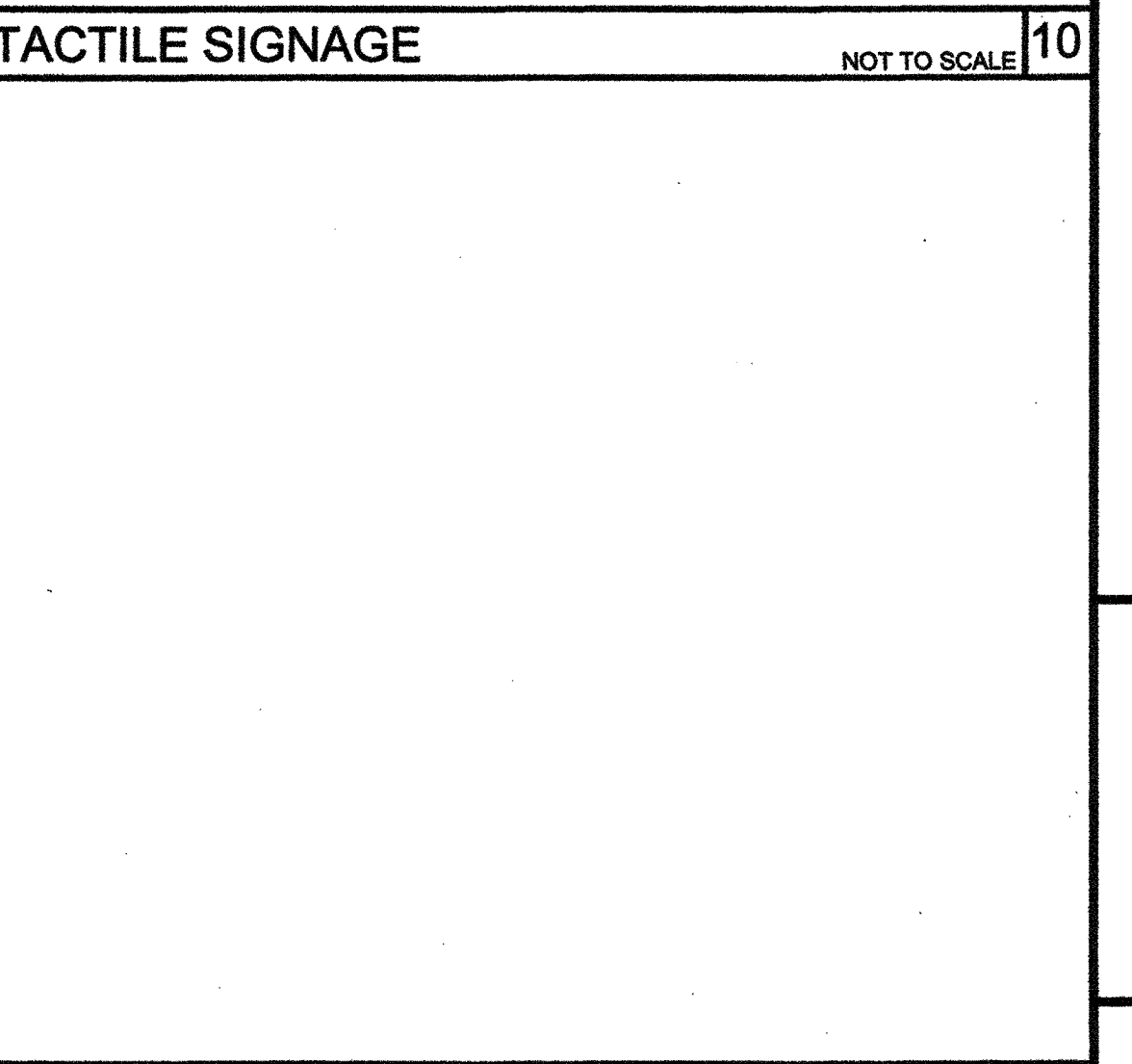
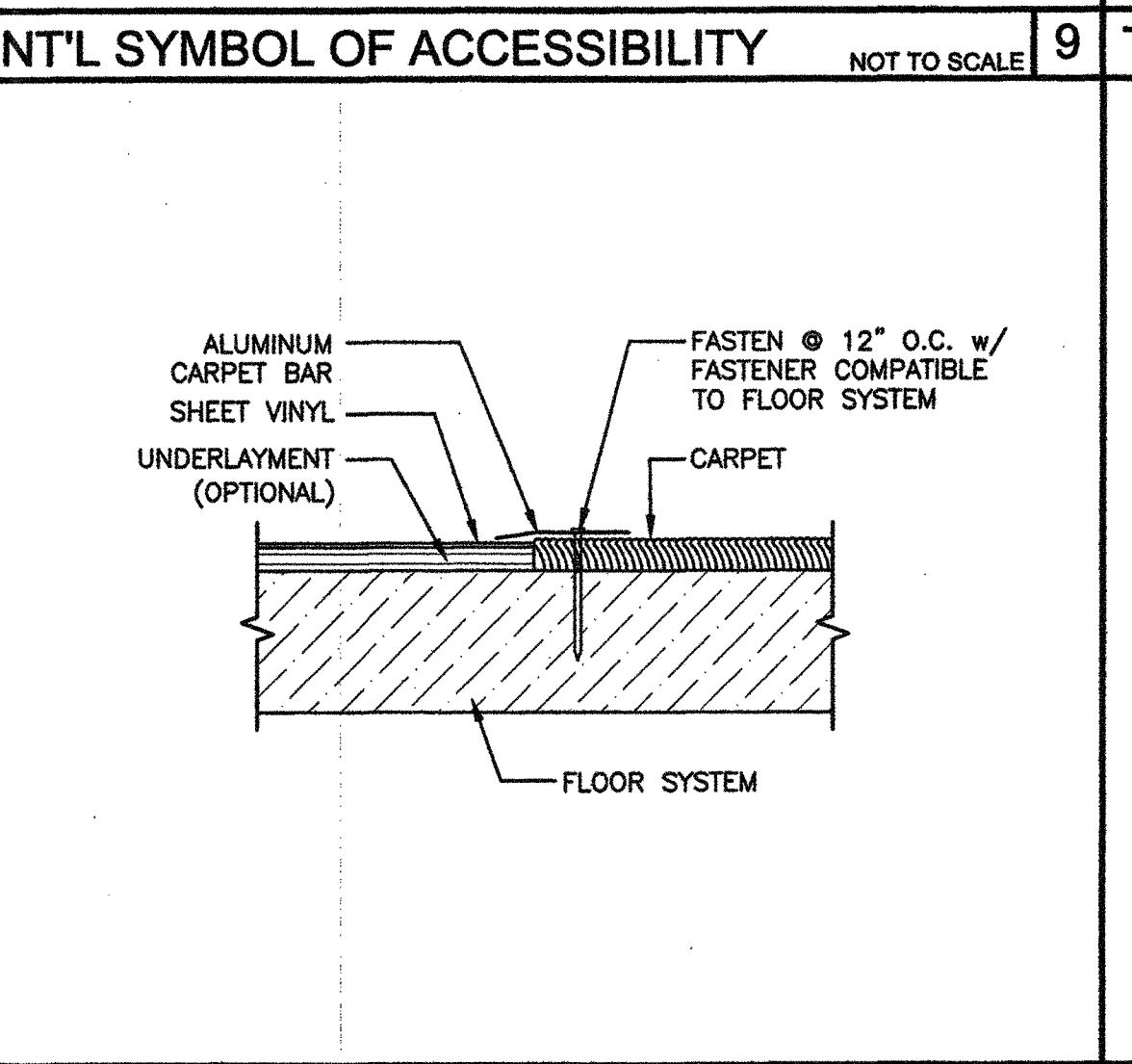
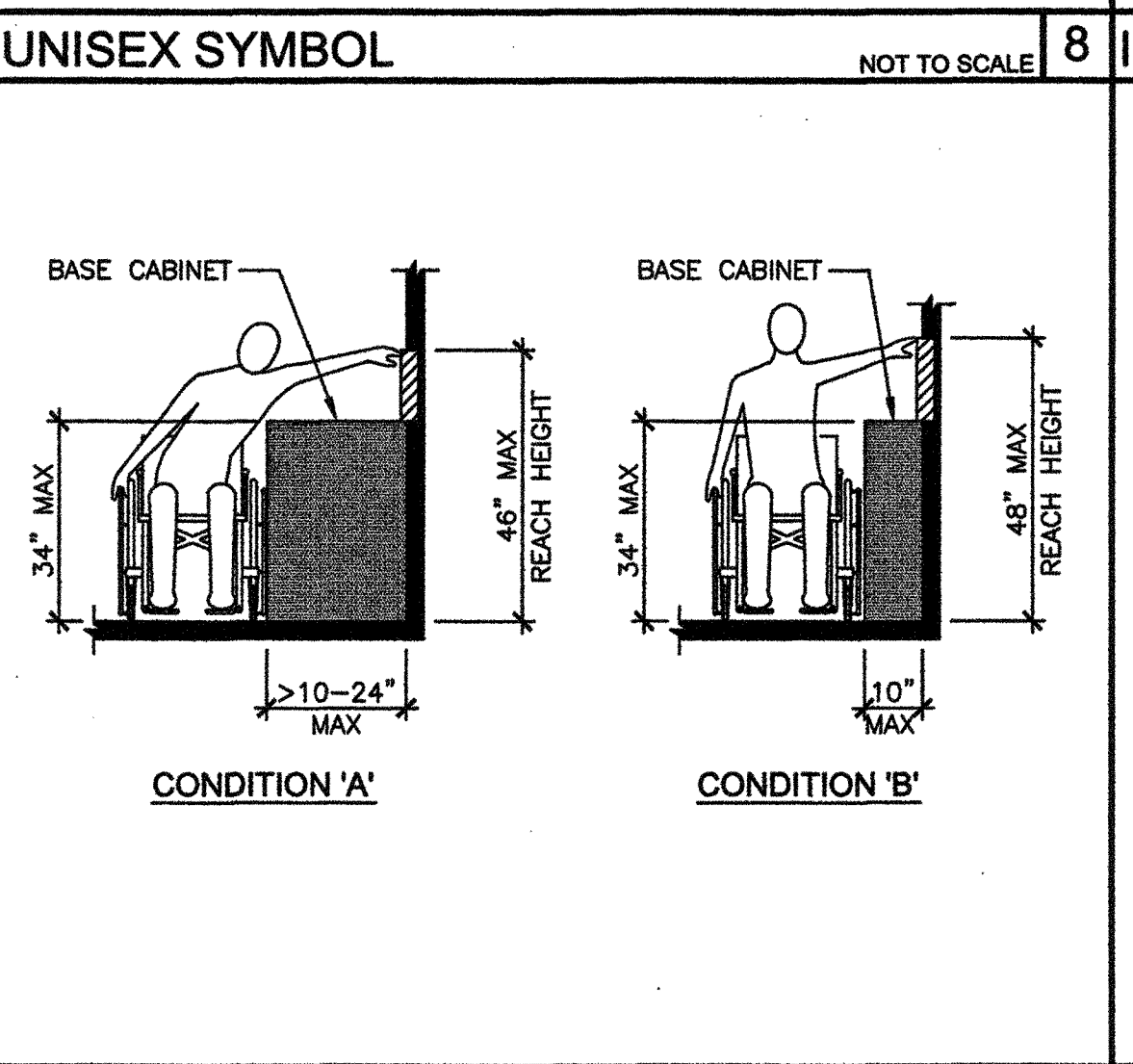
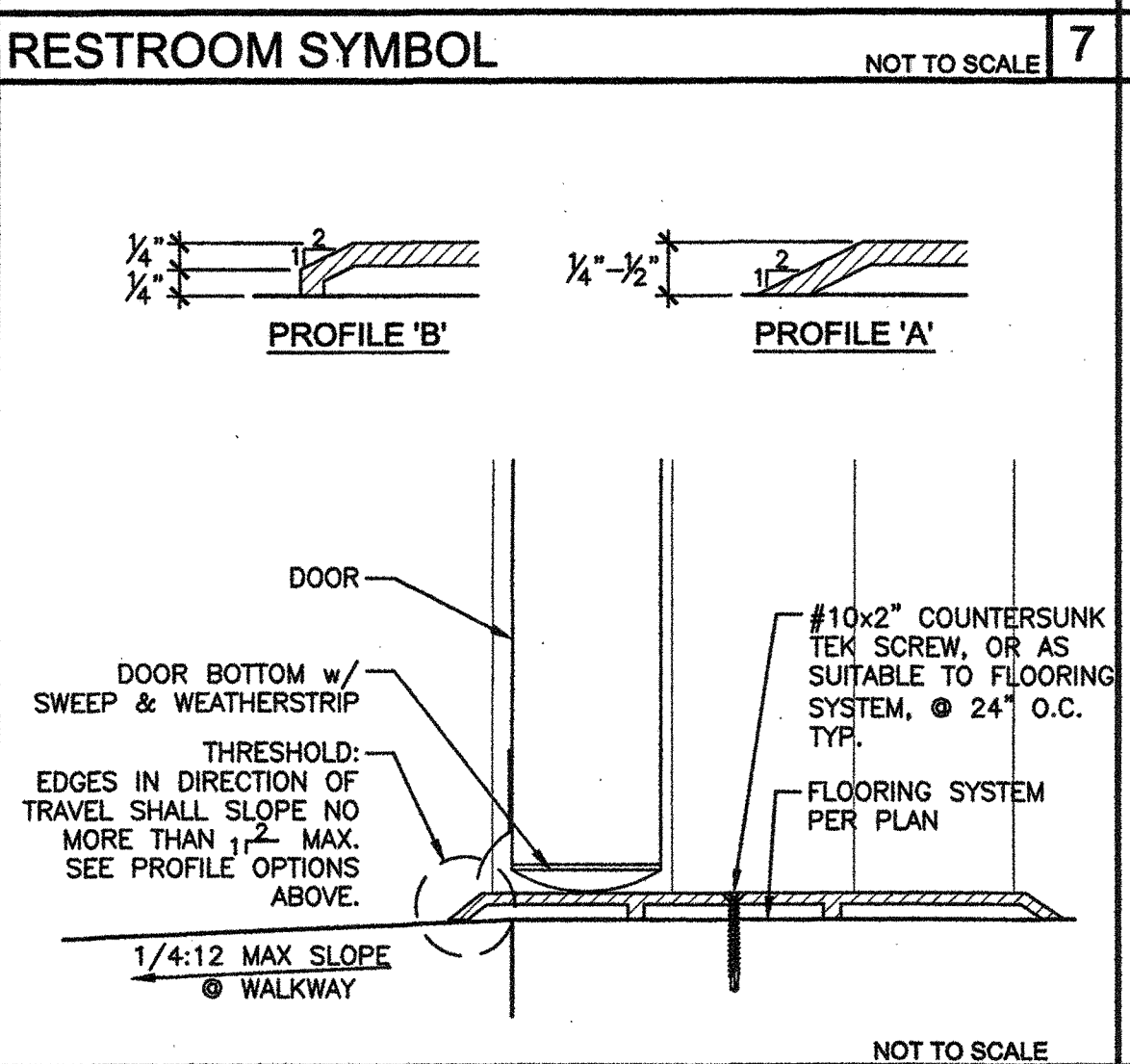
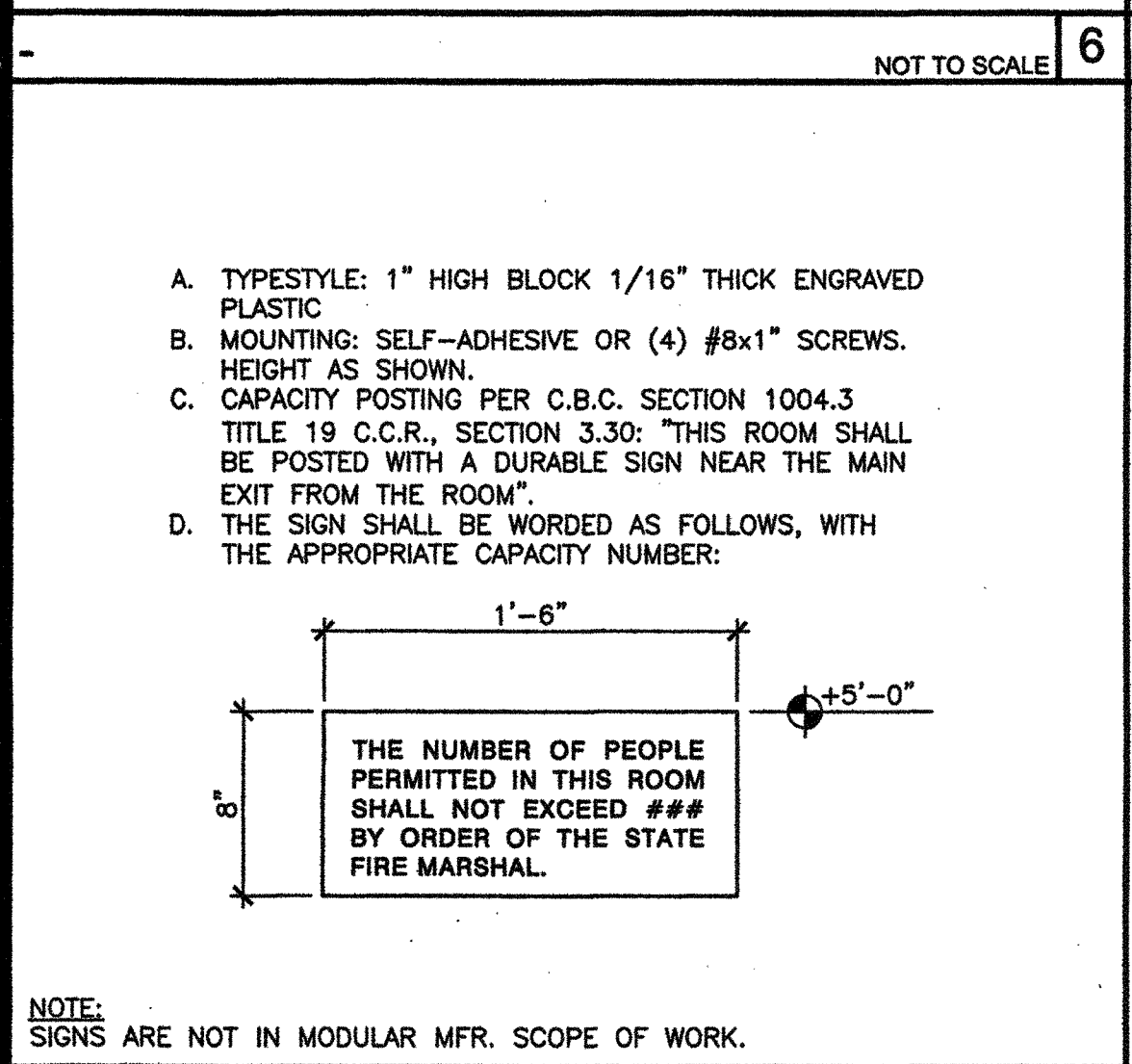
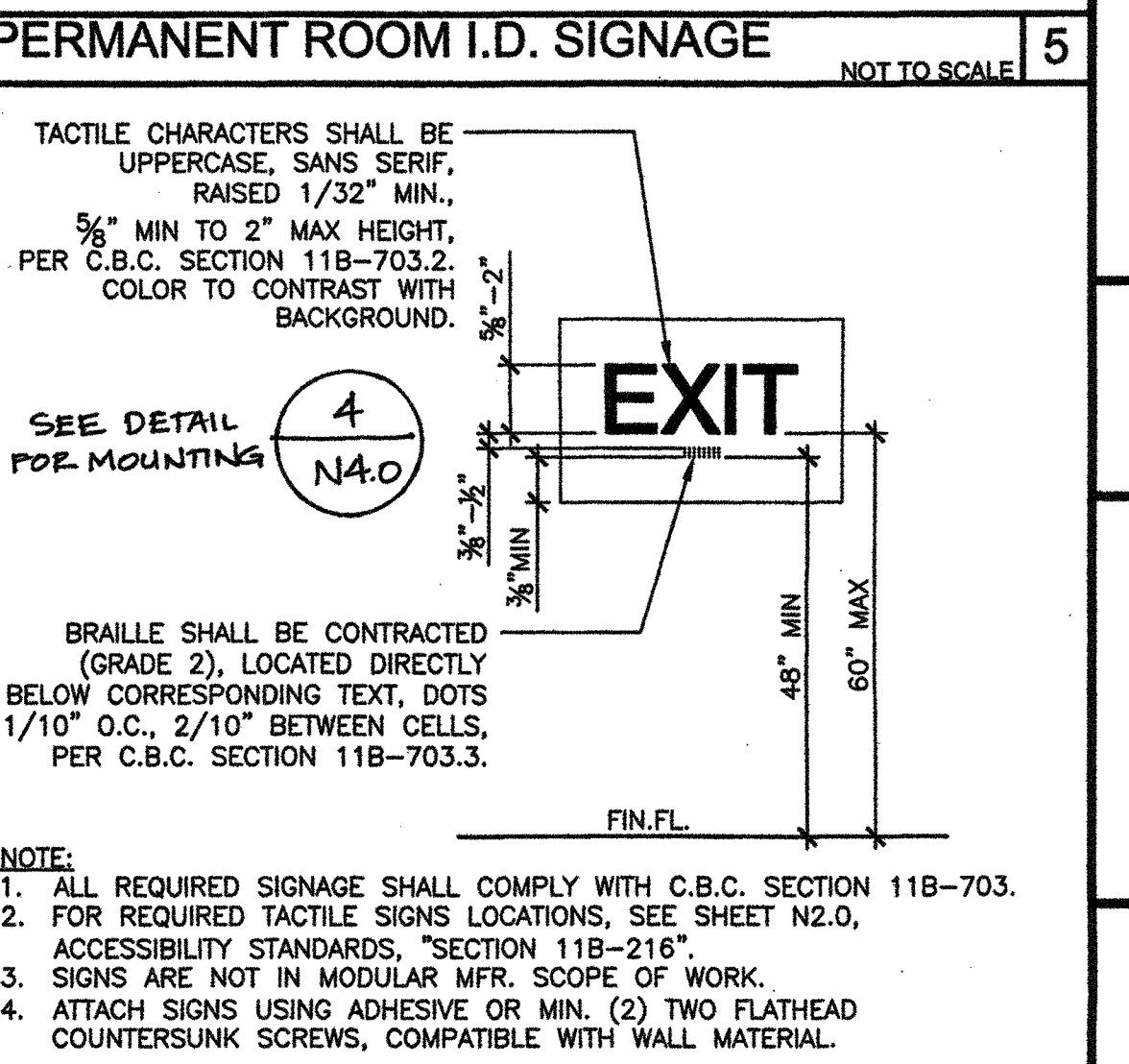
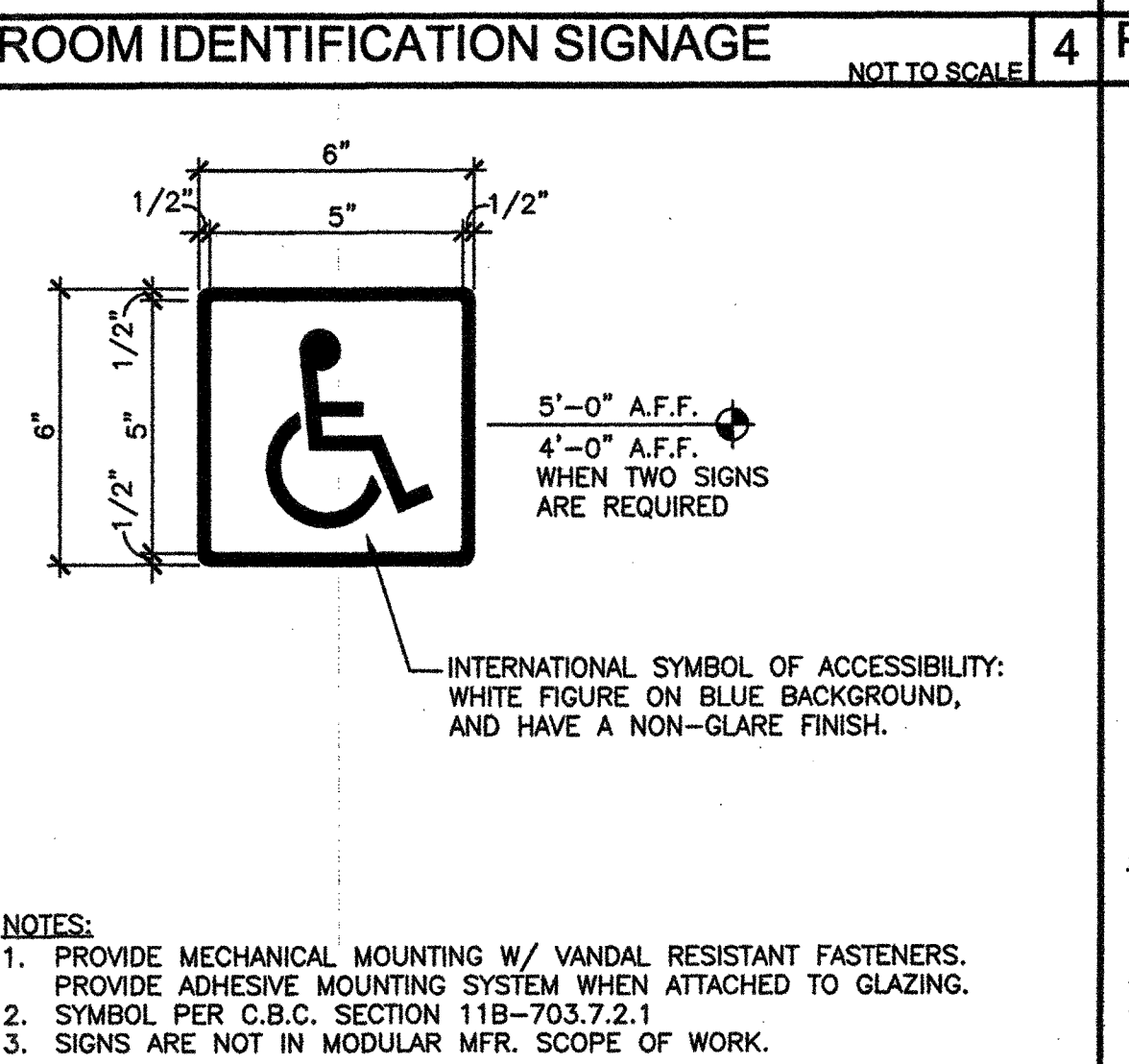
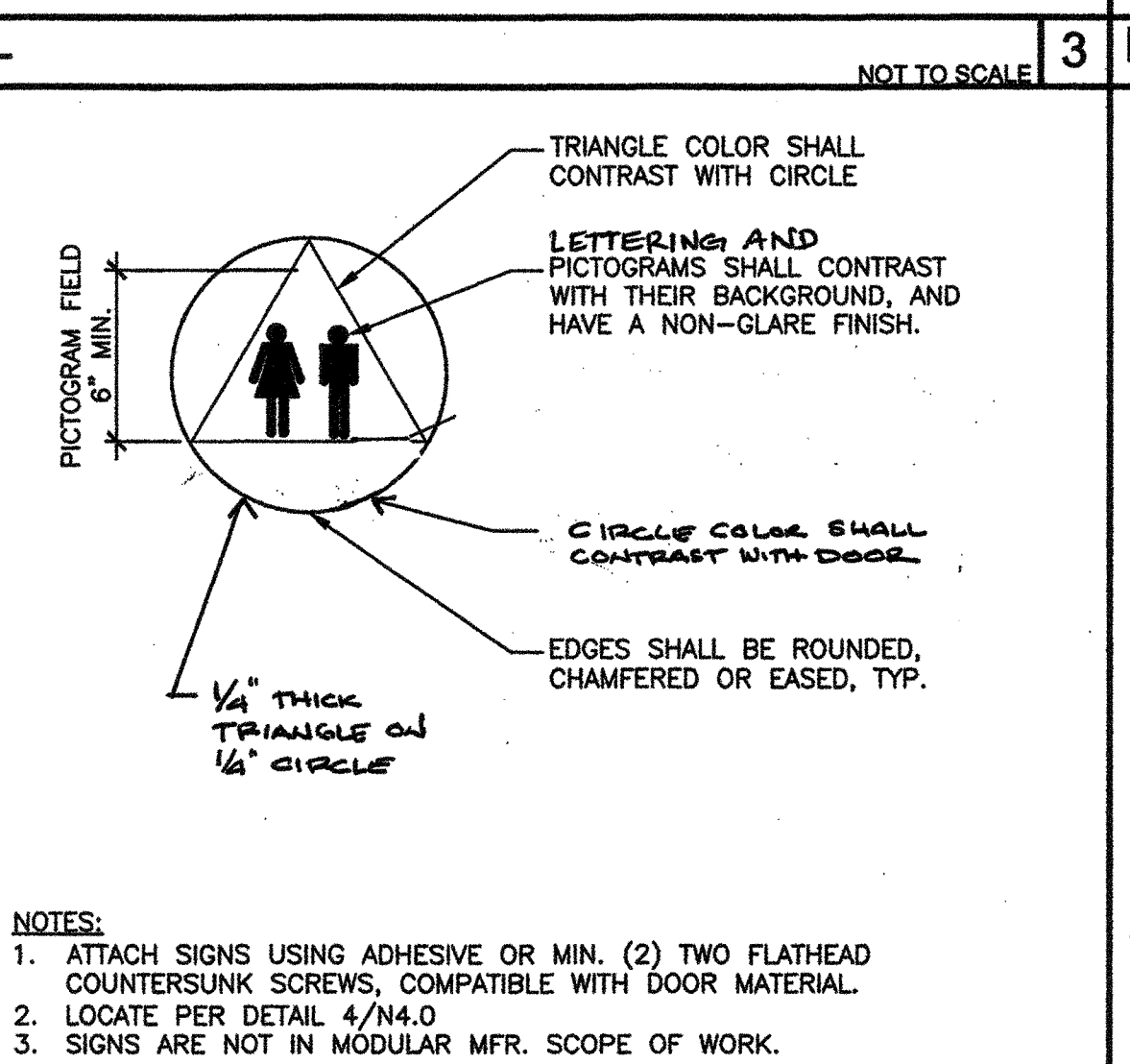
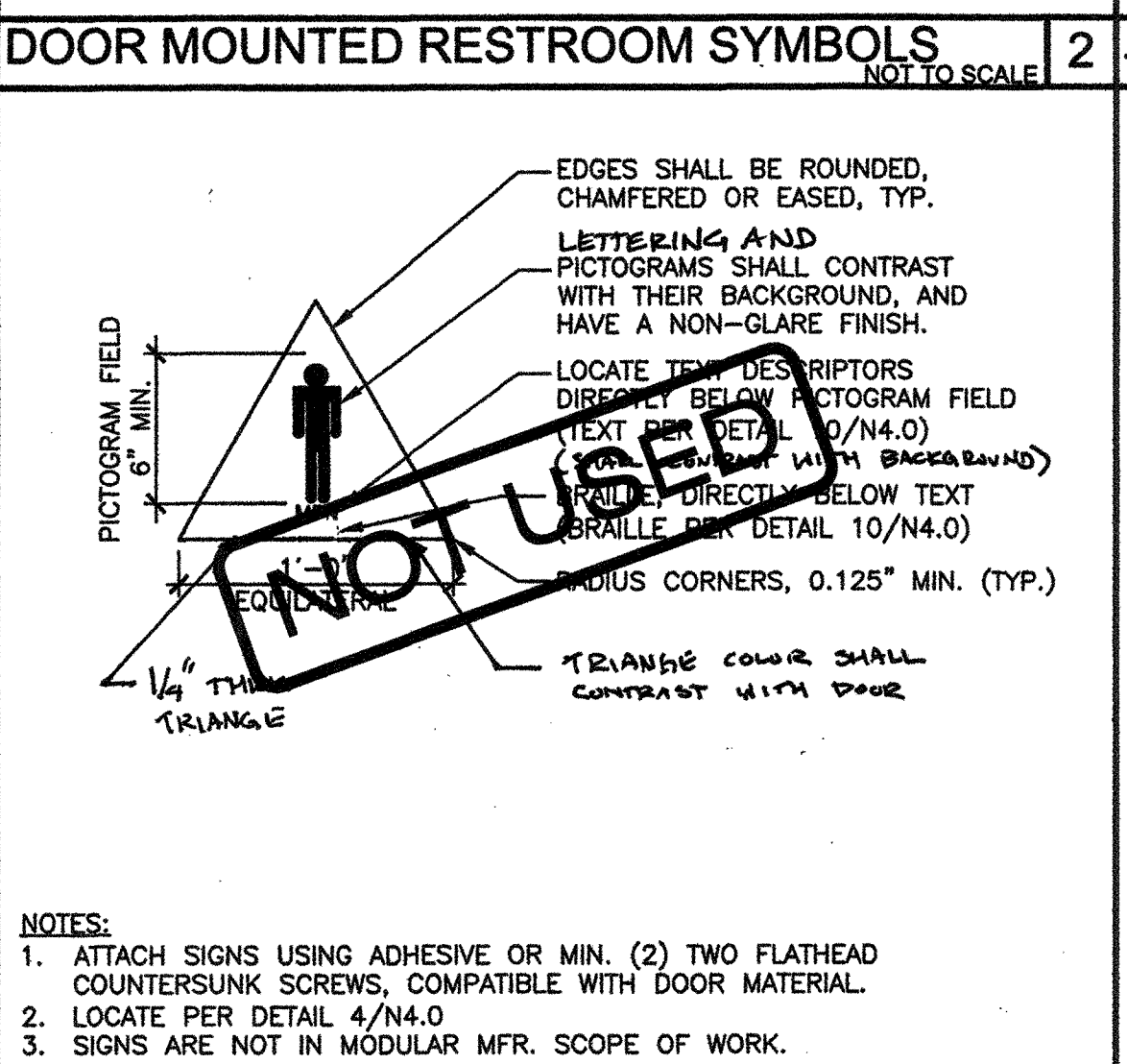
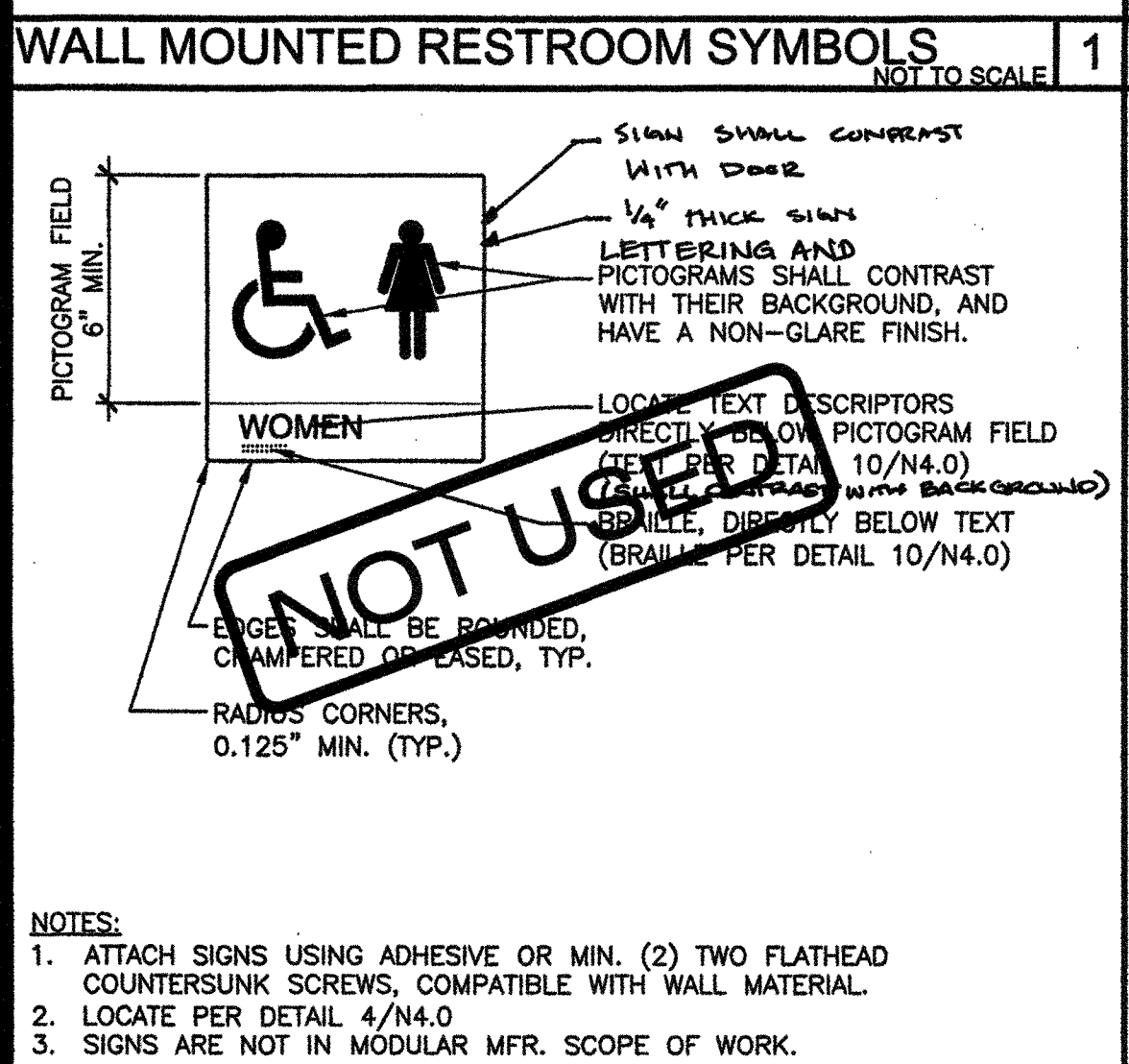
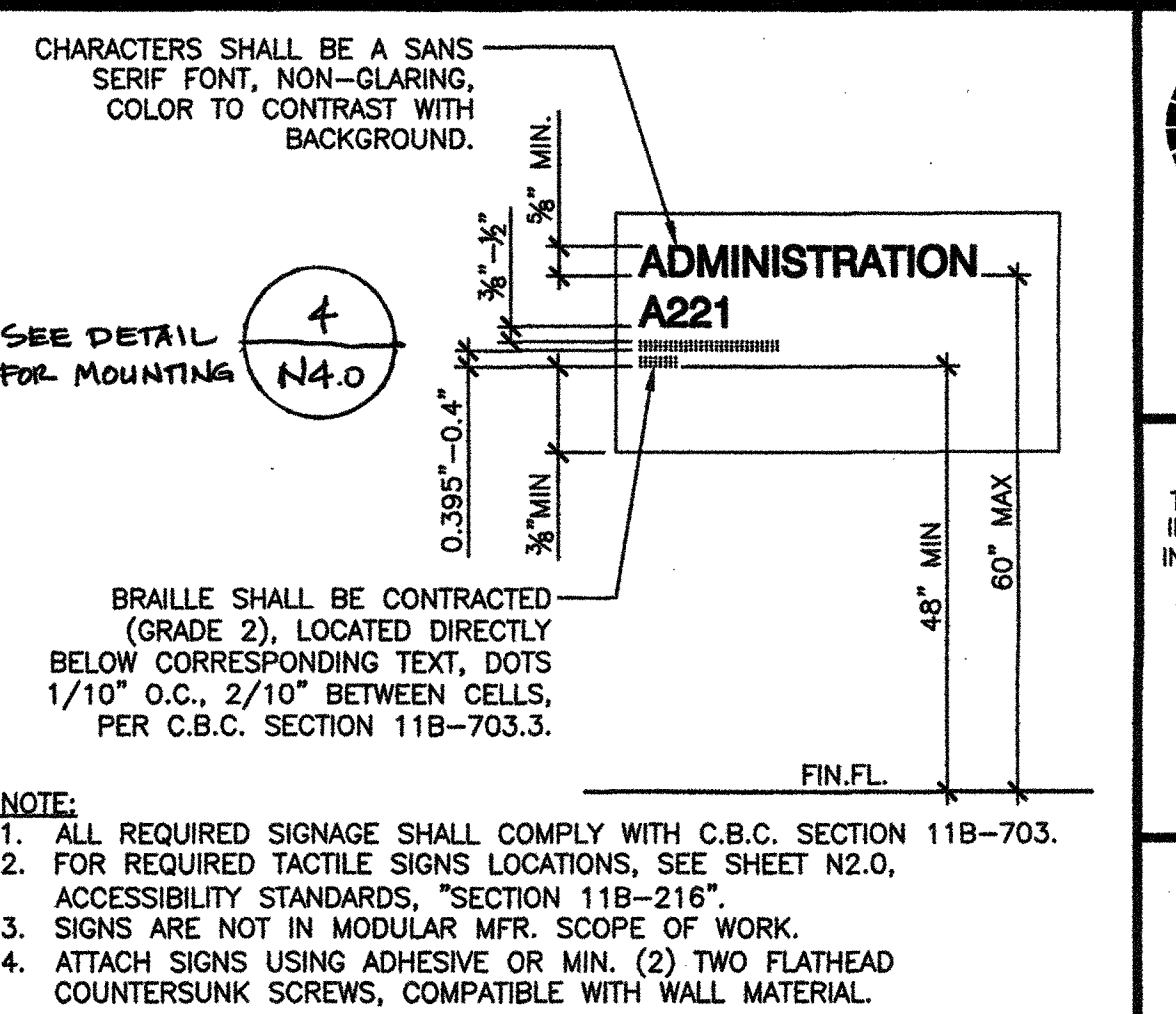
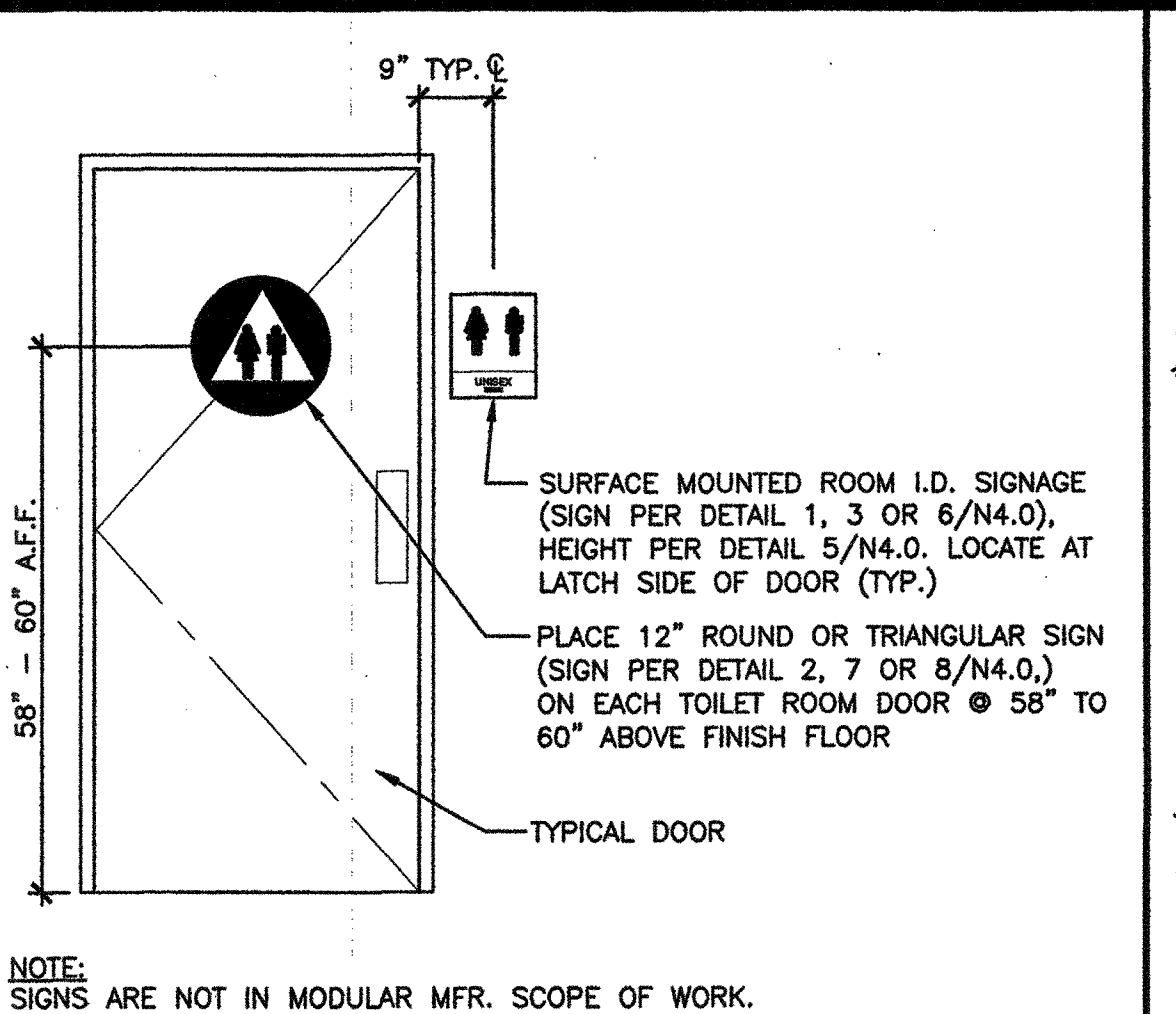
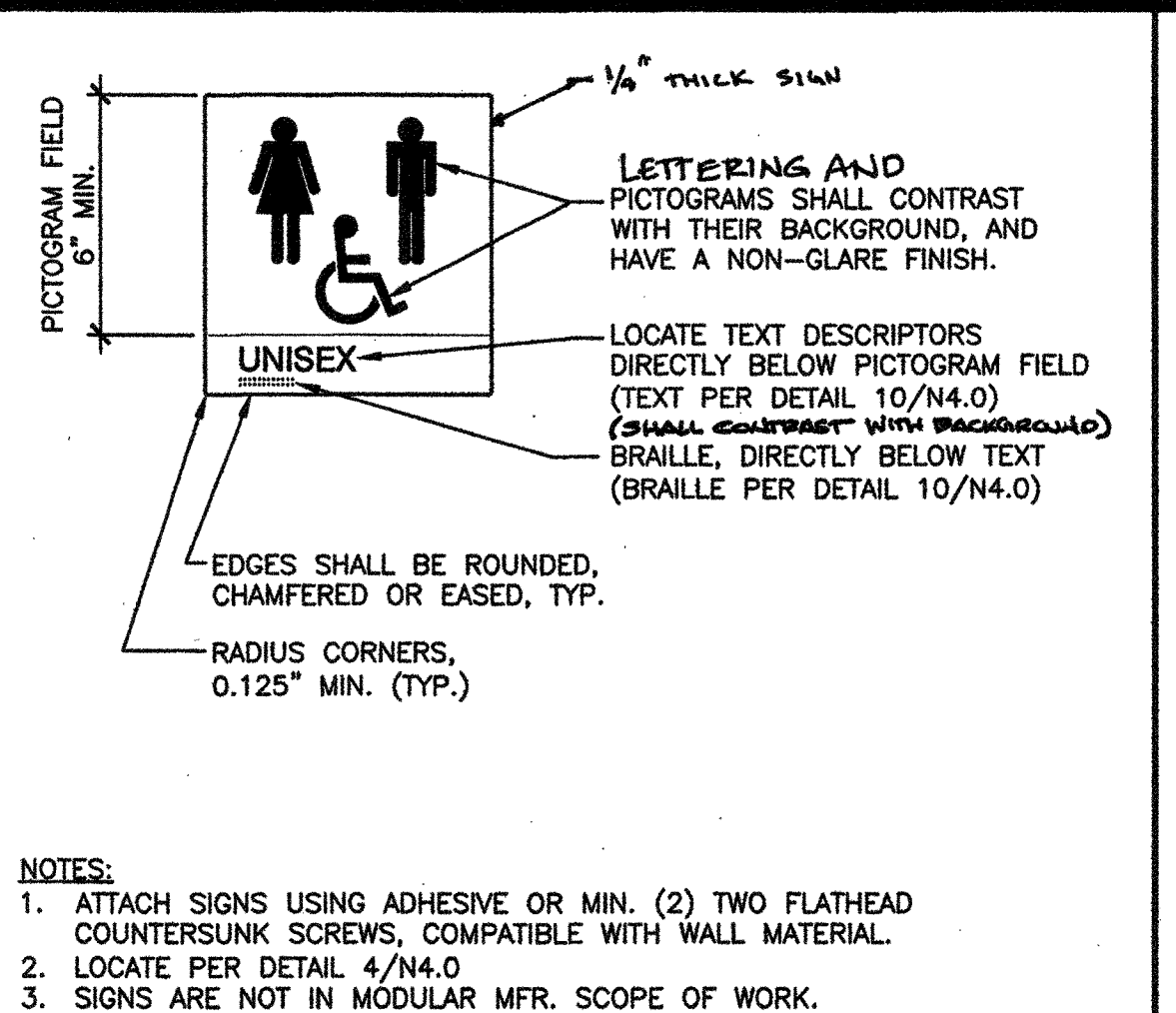
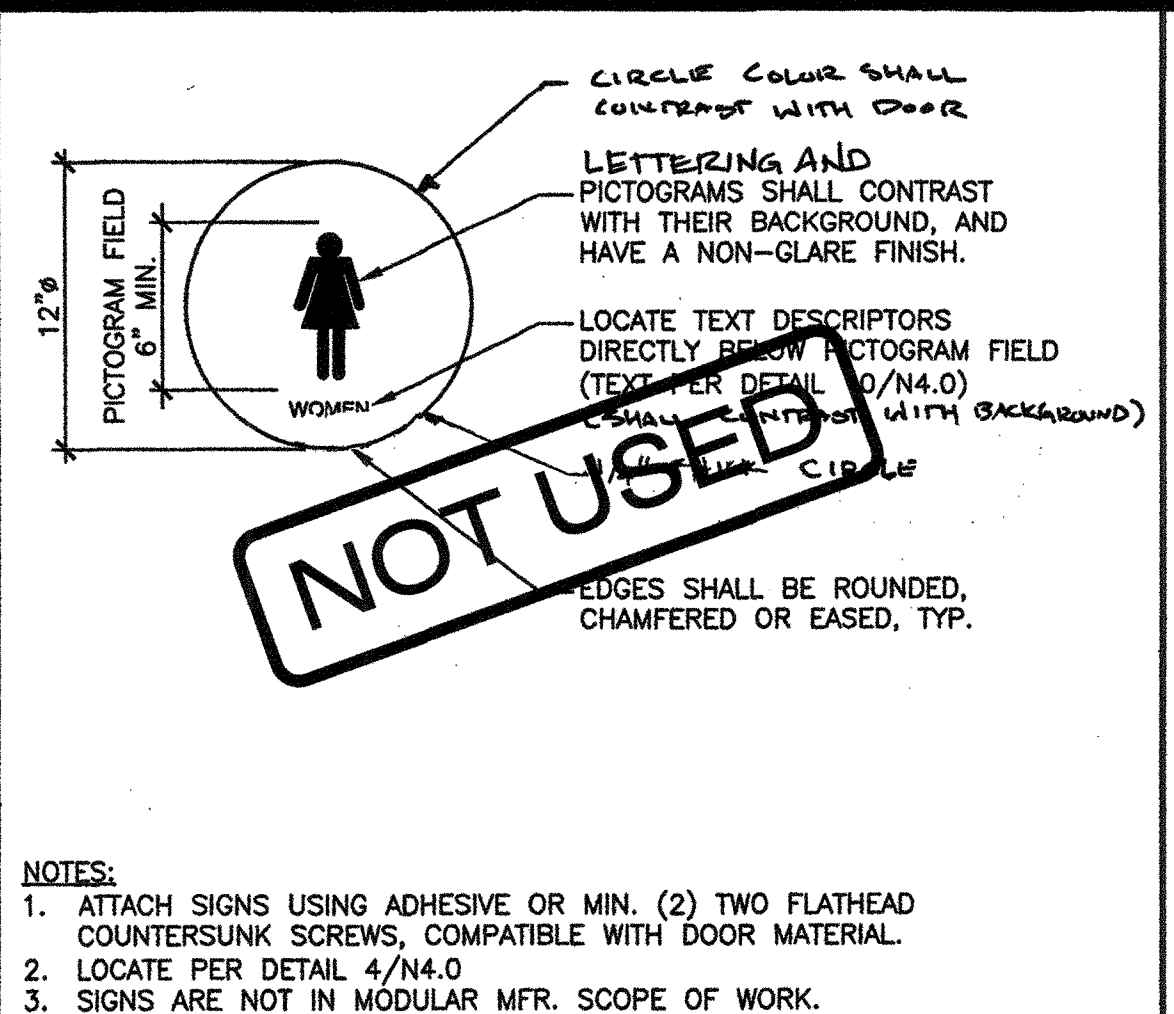
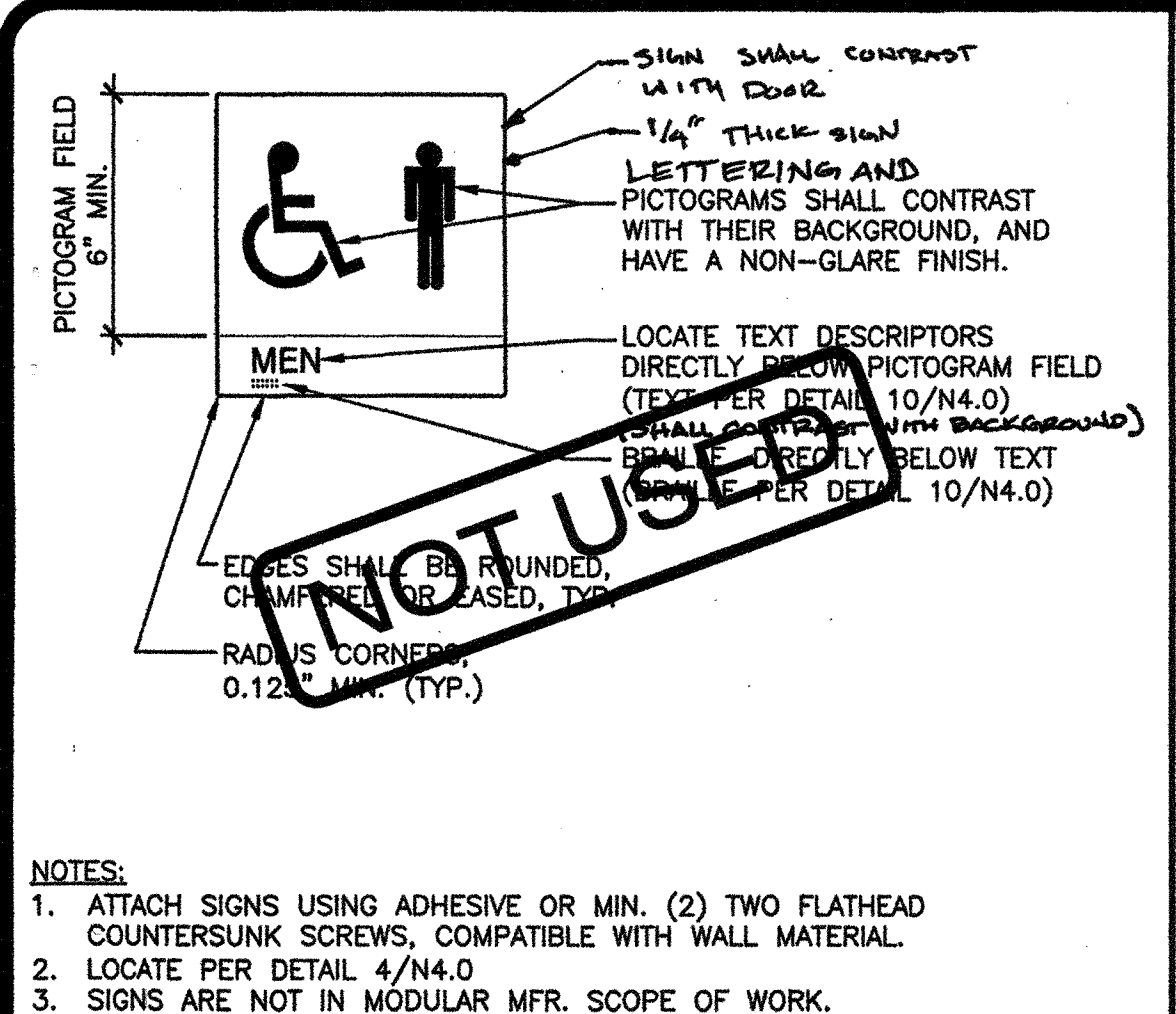
ORIGINAL PC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CA. DEPT. OF GENERAL SERVICES
PC 02-113876
DATE 6/22/15

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

REVISIONS

DRAWN BY:
SCALE: AS NOTED
DATE:

SHEET NUMBER
N4.0





MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
ENERGY CALCULATIONS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APR 01-115705
DATE APR 01 2018

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CAL. DEPT. OF GENERAL SERVICES
PC 02-113876
DATE 6/22/15

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

REVISIONS

DRAWN BY:
SCALE: AS NOTED
DATE:

SHEET NUMBER
EN.2

Project Name: AMS Modular Classroom 24x40
Project Address: C2 16 Mount Shasta (Worst Case) C2 16 Mount Shasta
Compliance Scope: New/Complete
NRC-PRF-01-E Page 13 of 18
Calculation Date/Time: 17:23, Thu, May 21, 2015
Input File Name: EPG_AMS_24x40_for_DSA_C216.cbd

1. Equipment Name	2. Equipment Type	3. Controls	4. Confirmed
AC-1	SVHP	No DCV Controls No Economizer No Supply Air Temp. Control	<input type="checkbox"/>
DHW1-SHW	Service Hot Water, Primary Only	Fixed Temperature Control, No DDC	<input type="checkbox"/>

§ 120.4(f) § 140.4(d)
This Section Does Not Apply

CA Building Energy Efficiency Standards-2013 Nonresidential Compliance Report Version: NRC-PRF-01-E-03232015-717

Project Name: AMS Modular Classroom 24x40
Project Address: C2 16 Mount Shasta (Worst Case) C2 16 Mount Shasta
Compliance Scope: New/Complete
NRC-PRF-01-E Page 14 of 18
Calculation Date/Time: 17:23, Thu, May 21, 2015
Input File Name: EPG_AMS_24x40_for_DSA_C216.cbd

1. Name or Item Tag	2. Complete Luminaire Description (Rw, B, Lamp, Mounting, Ballast, etc.)	3. Watts per luminaire	4. CEC Default from IESNA	5. New Wattage as Determined According to § 130.0(c)	6. Total Number of Luminaires	7. Installed Watts	8. Pass	9. Fail
TVLED	A-60w LED	60	Yes	60	8	480	<input type="checkbox"/>	<input type="checkbox"/>

§ 140.9
This Section Does Not Apply

CA Building Energy Efficiency Standards-2013 Nonresidential Compliance Report Version: NRC-PRF-01-E-03232015-717

Project Name: AMS Modular Classroom 24x40
Project Address: C2 16 Mount Shasta (Worst Case) C2 16 Mount Shasta
Compliance Scope: New/Complete
NRC-PRF-01-E Page 15 of 18
Calculation Date/Time: 17:23, Thu, May 21, 2015
Input File Name: EPG_AMS_24x40_for_DSA_C216.cbd

Documentation Author Name: Hines Martinson, LEED AP, CEA, CPE
Documentation Author Signature: [Signature]
Signature Date: 05/21/15
City/State/Zip: Solana Beach CA / 92075
Phone: 619.531.1336 x3

Professional Stamp (optional): [Stamp]

CA Building Energy Efficiency Standards-2013 Nonresidential Compliance Report Version: NRC-PRF-01-E-03232015-717

Project Name: AMS Modular Classroom 24x40
Project Address: C2 16 Mount Shasta (Worst Case) C2 16 Mount Shasta
Compliance Scope: New/Complete
NRC-PRF-01-E Page 13 of 18
Calculation Date/Time: 17:23, Thu, May 21, 2015
Input File Name: EPG_AMS_24x40_for_DSA_C216.cbd

1. Surface Name	2. Surface Type	3. Description of Assembly Layers	4. Notes	5. Confirmed
Roof: U-0.70 per EIFS frame	Roof	Metal Standing Seam - 1/2" in. Metal framed roof, 24" OC, 5.5k, R-10 Expanded Polystyrene - EPS - 1/2" in. R2.1 Acoustic Tile - 3/8" in.	Roof U-factor has been calculated using ESRone (see ESRone report)	<input type="checkbox"/>
8-13 in 4 wood frame	Exterior Wall	Wood siding - 1/2" in. Vapor permeable felt - 1/8" in. Wood framed wall, 36in. OC, 3.5k, R-13 Gypsum Board - 1/2" in.		<input type="checkbox"/>
Floor: Concrete Slab	Exterior Floor	AP - Floor - 3 1/2" in. Concrete - 80 lb/yd ³ - 4 in. Carpet - 1/8" in.	Concrete on metal deck floor	<input type="checkbox"/>

§ 140.6
This Section Does Not Apply

CA Building Energy Efficiency Standards-2013 Nonresidential Compliance Report Version: NRC-PRF-01-E-03232015-717

Project Name: AMS Modular Classroom 24x40
Project Address: C2 16 Mount Shasta (Worst Case) C2 16 Mount Shasta
Compliance Scope: New/Complete
NRC-PRF-01-E Page 14 of 18
Calculation Date/Time: 17:23, Thu, May 21, 2015
Input File Name: EPG_AMS_24x40_for_DSA_C216.cbd

1. System ID	2. System Type	3. City	4. Heating	5. Cooling	6. Economizer	7. Zone Name	8. Design	9. Min. Ratio	10. BHP	11. Fan	12. SCM Motor	13. Confirmed
Classroom-TH1	VW/Wh/wh/wh/wh/wh	1	NA	NA	NA	1-Classroom	1875	300	0.27	NA	NA	<input type="checkbox"/>

§ 140.6
This Section Does Not Apply

CA Building Energy Efficiency Standards-2013 Nonresidential Compliance Report Version: NRC-PRF-01-E-03232015-717

Project Name: AMS Modular Classroom 24x40
Project Address: C2 16 Mount Shasta (Worst Case) C2 16 Mount Shasta
Compliance Scope: New/Complete
NRC-PRF-01-E Page 15 of 18
Calculation Date/Time: 17:23, Thu, May 21, 2015
Input File Name: EPG_AMS_24x40_for_DSA_C216.cbd

1. Equipment Name	2. Type	3. Qty	4. Distribution Type	5. Rated Input (kWh)	6. Efficiency	7. Pilot Energy (kWh/yr)	8. External Tank Insulation	9. Vol. (ft ³)	10. Vol. of Supply Tank	11. Vol. of Storage Tank	12. Confirmed
DHW-SHW	Electric	1	Nonrecirculating	15	EP: 0.950	0	NA	3	0	NA	<input type="checkbox"/>

§ 140.6
This Section Does Not Apply

CA Building Energy Efficiency Standards-2013 Nonresidential Compliance Report Version: NRC-PRF-01-E-03232015-717

Project Name: AMS Modular Classroom 24x40
Project Address: C2 16 Mount Shasta (Worst Case) C2 16 Mount Shasta
Compliance Scope: New/Complete
NRC-PRF-01-E Page 16 of 18
Calculation Date/Time: 17:23, Thu, May 21, 2015
Input File Name: EPG_AMS_24x40_for_DSA_C216.cbd

1. Location in Building	2. Occupancy Type (must meet requirements of Table 202.6.4-1)	3. Type/Description of Lighting Control (i.e., partial or occupancy sensor, manual dimming, etc.)	4. # of Units	5. Watts of Controlled Lighting	6. Power Adjustment Factor	7. Control Credit	8. # of Acceptance Tests Required	9. Confirmed
5-1-Classroom	Classrooms, Lectures, Training, Vocational Areas	none specified	1	480	0.00	0	0	<input type="checkbox"/>

§ 140.6
This Section Does Not Apply

CA Building Energy Efficiency Standards-2013 Nonresidential Compliance Report Version: NRC-PRF-01-E-03232015-717

Project Name: AMS Modular Classroom 24x40
Project Address: C2 16 Mount Shasta (Worst Case) C2 16 Mount Shasta
Compliance Scope: New/Complete
NRC-PRF-01-E Page 17 of 18
Calculation Date/Time: 17:23, Thu, May 21, 2015
Input File Name: EPG_AMS_24x40_for_DSA_C216.cbd

1. Room Number	2. Task/Activity Description	3. Room Length (ft)	4. Room Width (ft)	5. Room Ceiling Height (ft)	6. RCR	7. Confirmed
NA	NA	NA	NA	NA	NA	<input type="checkbox"/>

§ 140.6
This Section Does Not Apply

CA Building Energy Efficiency Standards-2013 Nonresidential Compliance Report Version: NRC-PRF-01-E-03232015-717

Project Name: AMS Modular Classroom 24x40
Project Address: C2 16 Mount Shasta (Worst Case) C2 16 Mount Shasta
Compliance Scope: New/Complete
NRC-PRF-01-E Page 18 of 18
Calculation Date/Time: 17:23, Thu, May 21, 2015
Input File Name: EPG_AMS_24x40_for_DSA_C216.cbd

1. Test Description	2. # of units	3. Indoor	4. Outdoor	5. Confirmed
Equipment Requiring Testing or Verification	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Occupant Sensors	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic Time Switch	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic Daylighting	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Demand Response	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Outdoor Controls	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

§ 140.6
This Section Does Not Apply

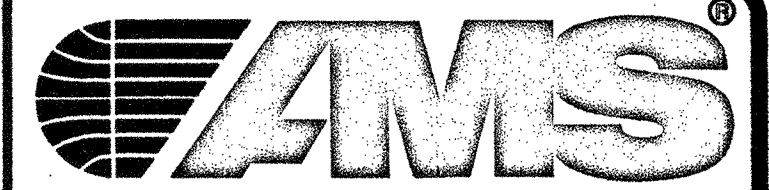
CA Building Energy Efficiency Standards-2013 Nonresidential Compliance Report Version: NRC-PRF-01-E-03232015-717

APPROVED
DIVISION OF STATE ARCHITECT
HIGH PERFORMANCE SECTION
APP #02-113876 DATE: 6/22/15
[Signature]

CA Building Energy Efficiency Standards-2013 Nonresidential Compliance Report Version: NRC-PRF-01-E-03232015-717

CA Building Energy Efficiency Standards-2013 Nonresidential Compliance Report Version: NRC-PRF-01-E-03232015-717

CA Building Energy Efficiency Standards-2013 Nonresidential Compliance Report Version: NRC-PRF-01-E-03232015-717



787 Spreckels Ave. Manteca, CA 95336
Phone (209) 825-1921 - Fax (209) 825-7018
americanmodular.com

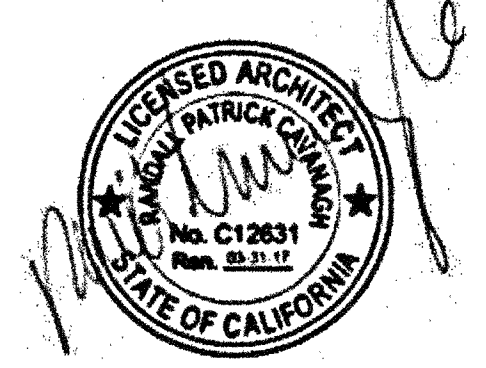
MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
ENERGY CALCULATIONS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01-115705
DATE APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CA. DEPT. OF GENERAL SERVICES

PC 02-113876
DATE 6/22/15

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

REVISIONS

DRAWN BY: SCALE: AS NOTED DATE:

SHEET NUMBER

EN.3

Project Name: AMS Modular Classroom 120x40
Project Address: CZ 14 China Lake - 90 deg CZ 14
Calculation Date/Time: 17:14, Thu, May 21, 2015
Compliance Scope: NewComplete
Input File Name: EPG AMS 120'x40' for DSA - CZ14.cld

G. COMPLIANCE PATH & CERTIFICATE OF COMPLIANCE SUMMARY
Identify which building components use the performance or prescriptive path for compliance. "NA" = not in project
For components that utilize the performance path, indicate the sheet number that includes mandatory notes on plans.

Building Component	Compliance Path	Compliance Forms (required for submittal)	Location of Mandatory Notes on Plans
Envelope	Performance	NRCC-ENV-01 / G2 / G3 / G4 / G5 / G6-E	
	Prescriptive	NRCC-ENV-01 / G2 / G3 / G4 / G5 / G6-E	
Mechanical	Performance	NRCC-PRC-01-01	
	Prescriptive	NRCC-PRC-01-01	
Domestic Hot Water	Performance	NRCC-PRC-01-01	
	Prescriptive	NRCC-PRC-01-01	
Lighting (Indoor Conditioned)	Performance	NRCC-PRC-01-01	
	Prescriptive	NRCC-PRC-01-01	
Covered Process: Commercial Kitchens	Performance	S2 (section of the NRCC-PRC-01-01)	
	Prescriptive	NRCC-PRC-01-01	
Covered Process: Computer Rooms	Performance	S3 (section of the NRCC-PRC-01-01)	
	Prescriptive	NRCC-PRC-01-01	
Covered Process: Laboratory Exhaust	Performance	S4 (section of the NRCC-PRC-01-01)	
	Prescriptive	NRCC-PRC-01-01	

Project Name: AMS Modular Classroom 120x40
Project Address: CZ 14 China Lake - 90 deg CZ 14
Calculation Date/Time: 17:14, Thu, May 21, 2015
Compliance Scope: NewComplete
Input File Name: EPG AMS 120'x40' for DSA - CZ14.cld

H. CERTIFICATE OF INSTALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFICATE OF VERIFICATION SUMMARY (NRCC/NRCA/NRVC) -
Documentation Author to indicate which Certificates must be submitted for the features to be recognized for compliance (Retain copies and verify forms are completed and signed to post in field for Field Inspector to verify).
See Tables G, and H, in MCH and LTI Details Sections for Acceptance Tests and forms by equipment.

Building Component	Compliance Forms (required for submittal)	Pass	Fail
Envelope	NRCC-ENV-01-E - For all buildings	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-ENV-02-E - NRCC label verification for fenestration	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-01-E - For all buildings with Mechanical Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-02-E - Outdoor Air	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-03-E - Constant Volume Single Zone HVAC	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-04-E - Air Distribution Duct Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-05-E - Air Economizer Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-06-E - Demand Control Ventilation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-07-E - Supply Fan Variable Flow Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-08-E - Valve Leakage Test	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mechanical	NRCC-MCH-09-E - Supply Water Temp Reset Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-10-E - Hydraulic System Variable Flow Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-11-E - Auto Demand Shed Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-12-E - Packaged Direct Expansion Units	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-13-E - Air Handling Units and Zone Terminal Units	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-14-E - Distributed Energy Storage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-15-E - Thermal Energy Storage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-16-E - Supply Air Temp Reset Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-17-E - Condensate Water Temp Reset Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-18-E - Energy Management Controls Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NRCC-MCH-04-E - Duct Leakage Test	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Project Name: AMS Modular Classroom 120x40
Project Address: CZ 14 China Lake - 90 deg CZ 14
Calculation Date/Time: 17:14, Thu, May 21, 2015
Compliance Scope: NewComplete
Input File Name: EPG AMS 120'x40' for DSA - CZ14.cld

A. PROJECT GENERAL INFORMATION

1. Project Location (city)	CZ 14	7. # of dwelling units	0
2. CA Zip Code		8. Compliance System Version	CRCC-Com 2013-30 (7/7)
3. Climate Zone	14	9. Building Orientation (deg)	(D) 225 deg
4. Total Conditioned Floor Area	4,740 ft ²	10. Permitted Scope of Work	NewComplete
5. Total Unconditioned Floor Area	0 ft ²	11. Building Type(s)	Nonresidential
6. # of Stories (Habitable Above Grade)	1		

B. COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS

1. Energy Component	2. Standard Design (TDV)	3. Proposed Design (TDV)	4. Compliance Margin (TDV)	5. Percent Better than Standard
Space Heating	16.9	46.7	-29.8	-176.3%
Space Cooling	176.1	206.4	-30.3	-17.2%
Indoor Fans	148.8	61.4	87.4	58.7%
Heat Rejection	-	-	-	-
Pumps & Misc.	-	-	-	-
Domestic Hot Water	22.0	22.0	0.0	0.0%
Indoor Lighting	61.4	25.5	35.9	57.0%
COMPLIANCE TOTAL	439.8	412.8	27.0	6.1%
Acceptance	66.6	66.6	0.0	0.0%
Process	-	-	-	-
Process Intg	-	-	-	-
TOTAL	496.2	479.5	16.7	3.4%

Project Name: AMS Modular Classroom 120x40
Project Address: CZ 14 China Lake - 90 deg CZ 14
Calculation Date/Time: 17:14, Thu, May 21, 2015
Compliance Scope: NewComplete
Input File Name: EPG AMS 120'x40' for DSA - CZ14.cld

PERFORMANCE RUNS BY ZONE & 45° ORIENTATION

NOTE: Enter data in colored cells only.

Climate Zone: 14 Reference City: China Lake

Front Orientation	Sid Budget kWh/ft ² /yr	Prop. Design kWh/ft ² /yr	Compliance margin
0	468.10	455.40	2.7%
45	469.30	475.70	1.8%
90	497.00	480.80	3.3%
135	482.10	469.40	2.6%
180	467.30	455.70	2.6%
225	486.20	479.50	1.4%
270	452.80	462.00	2.4%
315	460.70	467.20	1.8%

Climate Zone: 16 Reference City: Mount Shasta

Front Orientation	Sid Budget kWh/ft ² /yr	Prop. Design kWh/ft ² /yr	Compliance margin
0	458.00	392.00	7.9%
45	441.80	406.70	7.9%
90	445.70	408.60	8.1%
135	459.80	395.50	7.3%
180	428.60	393.80	7.0%
225	438.30	407.30	7.1%
270	442.10	416.80	7.2%
315	428.80	399.30	6.9%

Climate Zone: 18 Reference City: El Centro

Front Orientation	Sid Budget kWh/ft ² /yr	Prop. Design kWh/ft ² /yr	Compliance margin
0	507.40	492.20	3.0%
45	524.20	507.40	3.2%
90	527.80	512.20	3.0%
135	524.00	511.10	3.3%
180	505.10	492.20	2.6%
225	523.90	509.80	2.7%
270	508.30	512.70	3.0%
315	515.20	501.20	2.7%

Table A - Module Information per HVAC system.

Climate Zone: 16	Reference City: Mount Shasta
Envelope: Insulation Types	Insulation R Values
Floor, Type 1	Standing Beam
Floor, Type 2	
Wall, Type 1	R-19
Wall, Type 2	Option: R-19 batt + R-6 a.s.
Floor, Type 1	Concrete Slab above
Floor, Type 2	
Glazing, Typical Glazing Type	Open
Glazing, Typical Glazing Type	Fixed
U-Factor: U-Factor (NFRC)	U-Factor (NFRC)
SHGC: SHGC (NFRC)	SHGC (NFRC)
VT: VT	VT
Energy: Energy	Energy
Efficiency: EER, BEER, Board BSHH (SPVL) - 5 ton	10.4 EER (13.3 BEER)
Board BSHH (SPVL) - 6 ton	3.2 COP (7.8 BEER)

Report Version: NRCC-PRF-01-E-03232015-717
CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Report Version: NRCC-PRF-01-E-03232015-717
CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Report Version: NRCC-PRF-01-E-03232015-717
CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Report Version: NRCC-PRF-01-E-03232015-717
CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Project Name: AMS Modular Classroom 120x40
Project Address: CZ 14 China Lake - 90 deg CZ 14
Calculation Date/Time: 17:14, Thu, May 21, 2015
Compliance Scope: NewComplete
Input File Name: EPG AMS 120'x40' for DSA - CZ14.cld

H. CERTIFICATE OF INSTALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFICATE OF VERIFICATION SUMMARY (NRCC/NRCA/NRVC) -
Documentation Author to indicate which Certificates must be submitted for the features to be recognized for compliance (Retain copies and verify forms are completed and signed to post in field for Field Inspector to verify).
See Tables G, and H, in MCH and LTI Details Sections for Acceptance Tests and forms by equipment.

Building Component	Compliance Forms (required for submittal)	Pass	Fail
Plumbing	NRCC-PLB-01-E - For all buildings with Plumbing Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-PLB-02-E - Required on central systems in high-rise residential, hotel/motel application.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-PLB-03-E - Single dwelling unit systems in high-rise residential, hotel/motel application.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-PLB-21-E - HERS verified central systems in high-rise residential, hotel/motel application.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-PLB-22-E - HERS verified single dwelling unit systems in high-rise residential, hotel/motel application.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-PLB-23-E - HERS verified central systems in high-rise residential, hotel/motel application.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-PLB-24-E - HERS verified single dwelling unit systems in high-rise residential, hotel/motel application.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-PLB-25-E - Any solar water heating	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-PLB-26-E - For all buildings	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-PLB-27-E - For an Energy Management Control System (EMCS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Indoor Lighting	NRCC-LTI-01-E - Lighting control system, or for an Energy Management Control System (EMCS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-LTI-02-E - Line-voltage track lighting integral current limiter, or for a supplementary overcurrent protection panel used to energize only line-voltage track lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-LTI-03-E - Two interlocked systems serving an auditorium, a convention center, a conference room, or a theater	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-LTI-04-E - Lighting Control Credit Power Adjustment Factor (PFA)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-LTI-05-E - Additional wattage installed in a video conferencing studio	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-LTI-06-E - Occupancy sensors and automatic time switch controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-LTI-07-E - Automatic daylighting controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-LTI-08-E - Demand responsive lighting controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-LTI-09-E - Outdoor Lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-LTI-10-E - EMCS Lighting Control System	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sign Lighting	NRCC-LTI-01-E - Sign Lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-LTI-02-E - Electrical Power Distribution	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Electrical	NRCC-ELC-01-E - Electrical Power Distribution	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Photovoltaic	NRCC-SPV-01-E - Photovoltaic Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Report Version: NRCC-PRF-01-E-03232015-717
CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Project Name: AMS Modular Classroom 120x40
Project Address: CZ 14 China Lake - 90 deg CZ 14
Calculation Date/Time: 17:14, Thu, May 21, 2015
Compliance Scope: NewComplete
Input File Name: EPG AMS 120'x40' for DSA - CZ14.cld

I. CERTIFICATE OF INSTALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFICATE OF VERIFICATION SUMMARY (NRCC/NRCA/NRVC) -
Documentation Author to indicate which Certificates must be submitted for the features to be recognized for compliance (Retain copies and verify forms are completed and signed to post in field for Field Inspector to verify).
See Tables G, and H, in MCH and LTI Details Sections for Acceptance Tests and forms by equipment.

Building Component	Compliance Forms (required for submittal)	Pass	Fail
Envelope	NRCC-ENV-01-E - For all buildings	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-ENV-02-E - NRCC label verification for fenestration	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-01-E - For all buildings with Mechanical Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-02-E - Outdoor Air	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-03-E - Constant Volume Single Zone HVAC	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-04-E - Air Distribution Duct Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-05-E - Air Economizer Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-06-E - Demand Control Ventilation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-07-E - Supply Fan Variable Flow Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-08-E - Valve Leakage Test	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mechanical	NRCC-MCH-09-E - Supply Water Temp Reset Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-10-E - Hydraulic System Variable Flow Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-11-E - Auto Demand Shed Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-12-E - Packaged Direct Expansion Units	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-13-E - Air Handling Units and Zone Terminal Units	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-14-E - Distributed Energy Storage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-15-E - Thermal Energy Storage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-16-E - Supply Air Temp Reset Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-17-E - Condensate Water Temp Reset Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	NRCC-MCH-18-E - Energy Management Controls Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NRCC-MCH-04-E - Duct Leakage Test	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Report Version: NRCC-PRF-01-E-03232015-717
CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Project Name: AMS Modular Classroom 120x40
Project Address: CZ 14 China Lake - 90 deg CZ 14
Calculation Date/Time: 17:14, Thu, May 21, 2015
Compliance Scope: NewComplete
Input File Name: EPG AMS 120'x40' for DSA - CZ14.cld

G. COMPLIANCE PATH & CERTIFICATE OF COMPLIANCE SUMMARY
Identify which building components use the performance or prescriptive path for compliance. "NA" = not in project
For components that utilize the performance path, indicate the sheet number that includes mandatory notes on plans.

Building Component	Compliance Path	Compliance Forms (required for submittal)	Location of Mandatory Notes on Plans
Lighting (Indoor Unconditioned)	Performance	NRCC-LTI-01 / G2 / G3 / G4 / G5-E	
	Prescriptive	NRCC-LTI-01 / G2 / G3 / G4 / G5-E	
Lighting (Outdoor)	Performance	NRCC-LTI-01 / G2 / G3 / G4 / G5-E	
	Prescriptive	NRCC-LTI-01 / G2 / G3 / G4 / G5-E	
Solar Thermal Water Heating	Performance	NRCC-PLB-01-E	
	Prescriptive	NRCC-PLB-01-E	

Report Version: NRCC-PRF-01-E-03232015-717
CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Report Version: NRCC-PRF-01-E-03232015-717
CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Project Name: AMS Modular Classroom 120x40
Project Address: CZ 14 China Lake - 90 deg CZ 14
Calculation Date/Time: 17:14, Thu, May 21, 2015
Compliance Scope: NewComplete
Input File Name: EPG AMS 120'x40' for DSA - CZ14.cld

M. HVAC SYSTEM SUMMARY (see NRCC-PRF-ENV-DETAILS for more information)

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	Confirmed
Equip Name	Equip Type	System Type (Simple / or Complex)	City	Total Heating Output (Btu/h)	Supply Heat Source (V/F)	Supply Heat Output (Btu/h)	Total Cooling Output (Btu/h)	Efficiency	Accepted Testing Required? (Y/N) ¹	
AC-1	SEWHWP	Complex	5	62	No	0	63	SEER-13.0	HSFP-7.7	Yes
AC-2	SEWHWP	Complex	1	62	No	0	63	SEER-13.0	HSFP-7.7	Yes
AC-3	SEWHWP	Complex	1	62	No	0	63	SEER-13.0	HSFP-7.7	Yes
AC-4	SEWHWP	Complex	1	62	No	0	63	SEER-13.0	HSFP-7.7	Yes

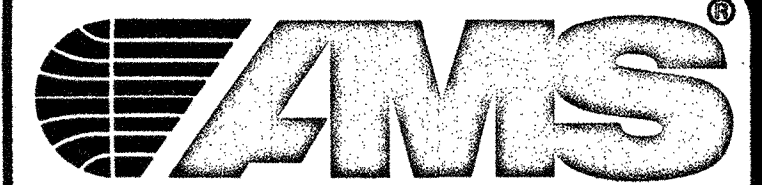
Project Name: AMS Modular Classroom 120x40
Project Address: CZ 14 China Lake - 90 deg CZ 14
Calculation Date/Time: 17:14, Thu, May 21, 2015
Compliance Scope: NewComplete
Input File Name: EPG AMS 120'x40' for DSA - CZ14.cld

N. WINDOW ASSEMBLY SUMMARY

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	Confirmed
Fenestration Assembly Name / Tag or ID	Fenestration Type	Certification Method	Assembly Method	Area ft ²	Overall U-Factor	Overall SHGC	Overall VT			
All Weather 3/100 Grey / 3/08 Clear WIC	Vertical Fenestration	NFRCated	Manufactured	800	0.78	0.43	0.37			

Project Name: AMS Modular Classroom 120x40
Project Address: CZ 14 China Lake - 90 deg CZ 14
Calculation Date/Time: 17:14, Thu, May 21, 2015
Compliance Scope: NewComplete
Input File Name: EPG AMS 120'x40' for DSA - CZ14.cld

K. OPAQUE



American Modular Systems

787 Sprackles Ave. Manteca, CA 95336
Phone (209) 825-1921 - Fax (209) 825-7018
americanmodular.com

MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME

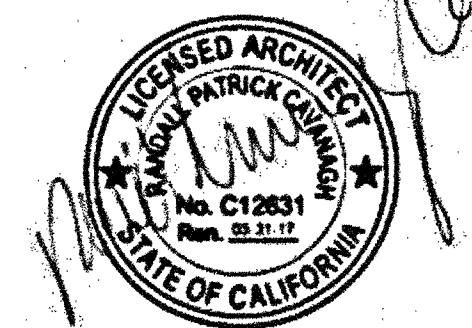
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE

ENERGY CALCULATIONS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APR 01-115705
ACS FLS SSS
DATE APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CAL. DEPT. OF GENERAL SERVICES
PC 02-113876
AC FLS SSS
DATE 6/22/15

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

REVISIONS

DRAWN BY:
SCALE: AS NOTED
DATE:

SHEET NUMBER

EN.4

Table with project information: Project Name: AMS Modular Classroom 120x40, Project Address: CZ 14 China Lake - 90 deg CZ 14, Compliance Scope: New/Complete, Input File Name: EP6 AMS 120'x40' for DSA - CZ14.cbd

Table with equipment controls: Equipment Name, Equip Type, Controls, and various checkboxes for compliance.

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance Report Version: NRCC-PRF-01-6-03232015-717

Table with project information: Project Name: AMS Modular Classroom 120x40, Project Address: CZ 14 China Lake - 90 deg CZ 14, Compliance Scope: New/Complete, Input File Name: EP6 AMS 120'x40' for DSA - CZ14.cbd

Table with equipment controls: Equipment Name, Equip Type, Controls, and various checkboxes for compliance.

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance Report Version: NRCC-PRF-01-6-03232015-717

Table with project information: Project Name: AMS Modular Classroom 120x40, Project Address: CZ 14 China Lake - 90 deg CZ 14, Compliance Scope: New/Complete, Input File Name: EP6 AMS 120'x40' for DSA - CZ14.cbd

Table with equipment controls: Equipment Name, Equip Type, Controls, and various checkboxes for compliance.

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance Report Version: NRCC-PRF-01-6-03232015-717

Documentation Author's Declaration Statement and Responsible Person's Declaration Statement. Includes signatures and dates for compliance documentation.

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance Report Version: NRCC-PRF-01-6-03232015-717

NRCC-PRF-ENV-DETAILS - SECTION START. Includes tables for opaque surface assembly details, overhang details, and window details.

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance Report Version: NRCC-PRF-01-6-03232015-717

NRCC-PRF-MCH-DETAILS - SECTION START. Includes tables for mechanical ventilation and reheat, and zonal system and terminal unit summary.

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance Report Version: NRCC-PRF-01-6-03232015-717

Table with project information and equipment controls for a second set of drawings. Includes project name, address, and equipment details.

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance Report Version: NRCC-PRF-01-6-03232015-717

Table with project information and equipment controls for a second set of drawings. Includes project name, address, and equipment details.

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance Report Version: NRCC-PRF-01-6-03232015-717

Table with project information and equipment controls for a second set of drawings. Includes project name, address, and equipment details.

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance Report Version: NRCC-PRF-01-6-03232015-717

APPROVED
DIVISION OF STATE ARCHITECT
HIGH PERFORMANCE SECTION
APP # 02-115876 DATE: 6/2/15
Patrick C. Williams, P.E.

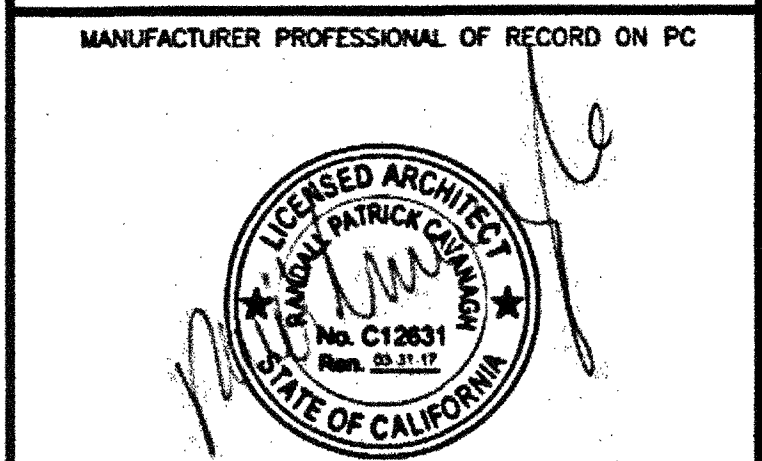


MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
ENERGY CALCULATIONS



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APL 01-115705
DATE APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CA DEPT. OF GENERAL SERVICES
PC 02-113876
DATE 6/2/15

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

REVISIONS

DRAWN BY:
SCALE: AS NOTED
DATE:

SHEET NUMBER

EN.5

Project Name: AMS Modular Classroom 120x40
Project Address: CZ 14 China Lake - 90 deg CZ 14
Compliance Scope: New/Complete
Input File Name: EPS AMS 120x40 for DSA - CZ14.cxd
NRCC-PT-01-E Page 19 of 20
Calculation Date/Time: 17:14, Thu, May 21, 2015

F. ROOM CAVITY RATIO (Adapted from NRCC-LT1-04-E)

Room Number	Room Length (ft)	Room Width (ft)	Room Height (ft)	Room Volume (ft³)	Room Area (ft²)	Room Perimeter (ft)	Room Surface Area (ft²)	Room Cavity Ratio
NA	NA	NA	NA	NA	NA	NA	NA	NA

Non-Rectangular Spaces
This Section Does Not Apply

G. ADDITIONAL "USE IT OR LOSE IT" (Adapted from NRCC-LT1-04-E)

1. Wall Display	2. Combined Floor Display and Task Lighting	3. Combined Ornamental and Special Effects Lighting	4. Very Valuable Merchandise	5. Allowed Watts	6. Confirmed
0	0	0	0	0	<input type="checkbox"/>

6. Wall Display
This Section Does Not Apply

6. Floor Display and Task Lighting
This Section Does Not Apply

7. Combined Ornamental and Special Effects Lighting
This Section Does Not Apply

8. Very Valuable Merchandise
This Section Does Not Apply

Project Name: AMS Modular Classroom 120x40
Project Address: CZ 14 China Lake - 90 deg CZ 14
Compliance Scope: New/Complete
Input File Name: EPS AMS 120x40 for DSA - CZ14.cxd
NRCC-PT-01-E Page 20 of 20
Calculation Date/Time: 17:14, Thu, May 21, 2015

H. INDOOR & OUTDOOR LIGHTING ACCEPTANCE TESTS & FORMS (Adapted from NRCC-LT1-01-E and NRCC-LT1-01-E) § 130.4
Declaration of Required Acceptance Certificates (NRCC) - Acceptance Certificates that must be verified in the field. (Retain copies and verify forms are completed and signed to post in field for Field Inspector to verify).

Test Description	NRCC-LT1-01-E	NRCC-LT1-01-A	NRCC-LT1-01-B	NRCC-LT1-01-C	NRCC-LT1-01-D	Confirmed	
						Y	N
Equipment Requiring Testing or Verification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Occupant Sensor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic Time Switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic Daylighting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Demand Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Outdoor Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

For detailed instructions on the use of this and all Energy Efficiency Standards compliance documents, refer to the Nonresidential Manual published by the California Energy Commission.

Summary of Allowed Outdoor Lighting Power

1. Sum Total ALLOWED Outdoor Lighting Watts from NRCC-LT1-01-E, page 1	Watts
Complies ONLY if installed < Allowed	14

2. Sum Total INSTALLED Outdoor Lighting Watts from NRCC-LT1-01-E, page 3

Watts
14

Declaration of Required Installation Certificates - Declare by checking all installation Certificates that will be submitted. (Retain copies and verify forms are completed and signed.)

NRCC-LT1-01-E - Must be submitted for all buildings
 NRCC-LT1-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.

Declaration of Required Certificates of Acceptance - Declare by checking all of the Certificates of Acceptance that will be submitted. (Retain copies and verify forms are completed and signed.)

NRCA-LT02-A - Must be submitted for outdoor lighting controls. Field Inspector

STATE OF CALIFORNIA
OUTDOOR LIGHTING
CERTIFICATE OF COMPLIANCE
NRCC-LT01-01-E
Project Name: AMS Modular Classroom 24x40' (for DSA)
Date Prepared: 12/12/2014

Project Address: CZ 16 El Centro - 90 deg CZ 16 El Centro, CA
Total Illuminated Hardship Area: 0
Phase of Construction: New Construction Addition Alteration
Outdoor Lighting Zone (OLZ): OLZ-1 OLZ-2 OLZ-3 OLZ-4
I have confirmed with the AHJ which OLZ applies to this site. For default lighting zone designations, see Title 24 Part 6, §10-114

Schedule of luminaires exempt from the outdoor lighting power requirements in §140.7
Name or Symbol Description of exempt luminaire in accordance with the exemptions

Schedule of luminaires exempt from the cutoff requirements in §130.3(b)
Name or Symbol Description of exempt luminaire in accordance with the exemptions

Schedule of luminaires exempt from the outdoor lighting control requirements in §130.2(c)
Name or Symbol Description of exempt luminaire in accordance with the exemptions

Declaration of Required Installation Certificates - Declare by checking all installation Certificates that will be submitted. (Retain copies and verify forms are completed and signed.)

NRCC-LT01-E - Must be submitted for all buildings
 NRCC-LT02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.

Declaration of Required Certificates of Acceptance - Declare by checking all of the Certificates of Acceptance that will be submitted. (Retain copies and verify forms are completed and signed.)

NRCA-LT02-A - Must be submitted for outdoor lighting controls. Field Inspector

STATE OF CALIFORNIA
OUTDOOR LIGHTING
CERTIFICATE OF COMPLIANCE
NRCC-LT01-01-E
Project Name: AMS Modular Classroom 24x40' (for DSA)
Date Prepared: 12/12/2014

Project Address: CZ 16 El Centro - 90 deg CZ 16 El Centro, CA
Total Illuminated Hardship Area: 0
Phase of Construction: New Construction Addition Alteration
Outdoor Lighting Zone (OLZ): OLZ-1 OLZ-2 OLZ-3 OLZ-4
I have confirmed with the AHJ which OLZ applies to this site. For default lighting zone designations, see Title 24 Part 6, §10-114

Schedule of luminaires exempt from the outdoor lighting power requirements in §140.7
Name or Symbol Description of exempt luminaire in accordance with the exemptions

Schedule of luminaires exempt from the cutoff requirements in §130.3(b)
Name or Symbol Description of exempt luminaire in accordance with the exemptions

Schedule of luminaires exempt from the outdoor lighting control requirements in §130.2(c)
Name or Symbol Description of exempt luminaire in accordance with the exemptions

Declaration of Required Installation Certificates - Declare by checking all installation Certificates that will be submitted. (Retain copies and verify forms are completed and signed.)

NRCC-LT01-E - Must be submitted for all buildings
 NRCC-LT02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.

Declaration of Required Certificates of Acceptance - Declare by checking all of the Certificates of Acceptance that will be submitted. (Retain copies and verify forms are completed and signed.)

NRCA-LT02-A - Must be submitted for outdoor lighting controls. Field Inspector

STATE OF CALIFORNIA
OUTDOOR LIGHTING
CERTIFICATE OF COMPLIANCE
NRCC-LT01-01-E
Project Name: AMS Modular Classroom 24x40' (for DSA)
Date Prepared: 12/12/2014

A. OUTDOOR LIGHTING SCHEDULE and FIELD INSPECTION ENERGY CHECKLIST

Name or Item Tag	Complete Luminaire Description	Installed Watts				Location	Cutoff	Field Inspector	
		Number of Luminaires	Watts per Luminaire	Total Watts	Watts per sq ft			Y	N
ISC	ISC LED 2 Light Bar	14	0	0	14	Main Entrance	<input type="checkbox"/>	<input type="checkbox"/>	
INSTALLED WATTS PAGE TOTAL:		14	Enter sum total of all pages (Sum Total INSTALLED Outdoor lighting watts) into NRCC-LT01-01-E, Page 1		14		<input type="checkbox"/>	<input type="checkbox"/>	

STATE OF CALIFORNIA
OUTDOOR LIGHTING
CERTIFICATE OF COMPLIANCE
NRCC-LT01-01-E
Project Name: AMS Modular Classroom 24x40' (for DSA)
Date Prepared: 12/12/2014

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
1. I certify that this Certificate of Compliance documentation is accurate and complete.
Documentation Author Name: Hans Marsman
Signature Date: 12/12/2014
Address: 2171 India Street, Suite B, San Diego, California 92101
Phone: 619.531.1126
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 and Part 6 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 owner at occupancy.
Responsible Designer Name: Randall P. Cavarnagh
Signature Date: 05/21/15
Address: 787 Spreckels Avenue, Manteca, CA 95336
Phone: 209.825.1921

STATE OF CALIFORNIA
OUTDOOR LIGHTING CONTROLS
CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS
NRCC-LT01-01-E
Project Name: AMS Modular Classroom 24x40' (for DSA)
Date Prepared: 12/12/2014

The NRCC-LT01-01-E shall be used to document all mandatory outdoor lighting controls that are applicable to the project.
Mandatory Outdoor Lighting Control Declaration Statements
Check all that apply:
 Lighting shall be controlled by self-contained lighting control devices which are certified to the Energy Commission according to the Title 20 Appliance Efficiency Regulations in accordance with §110.9.
 Lighting shall be controlled by a lighting control system or energy management control system in accordance with §110.9. An Installation Certificate shall be submitted in accordance with §130.4(b).
 All lighting controls and equipment shall comply with the applicable requirements in §110.9 and shall be installed in accordance with the manufacturer's instructions in accordance with §130.1.
 Part-Night Outdoor Lighting Controls, as defined in Section 100.1, shall meet the requirements in Section 110.9(b)(5).
 All outdoor incandescent luminaires rated over 100 watts, determined in accordance with Section 130.0(c), shall be controlled by a motion sensor.
 All outdoor luminaires rated for use with lamps greater than 150 lamp watts, determined in accordance with Section 130.0(c), shall comply with Backlight, Uplight, and Glare (collectively referred to as "BUG") in accordance with Section 130.2(b).
 All installed outdoor lighting shall be controlled by a photocell or outdoor astronomical time-switch control in accordance with Section 130.2(c).
 All installed outdoor lighting shall be circled and independently controlled from other electrical loads by an automatic scheduling control in accordance with Section 130.2(c).
 All installed outdoor lighting, where the bottom of the luminaire is mounted 24 feet or less above the ground, shall be controlled with automatic lighting controls in accordance with Section 130.2(b).
 For Outdoor Sales Frontage, Outdoor Sales Lots, and Outdoor Sales Canopies lighting, an automatic lighting control in accordance with Section 130.2(c).
 For Building Facade, Ornamental Hardship and Outdoor Dining lighting, an automatic lighting control in accordance with Section 130.2(c).
 Before an occupancy permit is granted for a newly constructed building or area, or a new lighting system serving a building, area, or site is operated for normal use, indoor lighting controls serving the building, area, or site shall be certified as meeting the Acceptance Requirements for Code Compliance in accordance with §130.4(a). Outdoor lighting controls shall comply with the applicable requirements of Section 130.2(c) and Reference Nonresidential Appendix A7.8.

STATE OF CALIFORNIA
INDOOR LIGHTING
CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS
NRCC-LT01-01-E
Project Name: AMS Modular Classroom 24x40' (for DSA)
Date Prepared: 5/21/2015

Climate Zone: 15
Conditioned Floor Area: 0
Unconditioned Floor Area: 473
General Information
Building Type: Nonresidential High-Rise Residential Hotel/Motel
 School Detachable Public Schools Conditioned Spaces Unconditioned Spaces
Phase of Construction: New Construction Addition Alteration
Method of Compliance: Complete Building Area Category Tailored
LIGHTING COMPLIANCE DOCUMENTS (check yes for each document included)
For detailed instructions on the use of this and all Energy Efficiency Standards compliance documents, refer to the Nonresidential Manual published by the California Energy Commission.
YES NO FORM TITLE
YES NRCC-LT01-01-E Certificate of Compliance. All pages required on plans for all submittals.
YES NRCC-LT02-E Lighting Controls, Certificates of Compliance, and PAV Calculation. All pages required on plans for all submittals.
YES NRCC-LT03-E Indoor Lighting Power Allowance
NO NRCC-LT04-E Tailored Method Worksheets
NO NRCC-LT05-E Line Voltage Track Lighting Worksheets
Summary of Allowed Lighting Power
Conditioned and Unconditioned space lighting must not be combined for compliance
Indoor Lighting Power for Conditioned Spaces
Indoor Lighting Power for Unconditioned Spaces
1. Installed Lighting NRCC-LT01-01-E, page 4 + 0
2. PORTABLE ONLY FOR OFFICES NRCC-LT01-01-E, page 5 + 0
3. Minus Lighting Control Credits NRCC-LT02-E, page 1 - 0
4. Adjusted Installed Lighting Power (row 1 plus row 2 minus row 3) = 0
Indoor Lighting Power for Unconditioned Spaces
1. Installed Lighting NRCC-LT01-01-E, page 4 + 280
2. Minus Lighting Control Credits NRCC-LT02-E, page 1 - 0
3. Adjusted Installed Lighting Power (row 1 minus row 2) = 280

APPROVED
DIVISION OF STATE ARCHITECT
HIGH PERFORMANCE SECTION
APP # 02-113876 DATE: 6/2/15
Randy Bani, C.S.P.S.

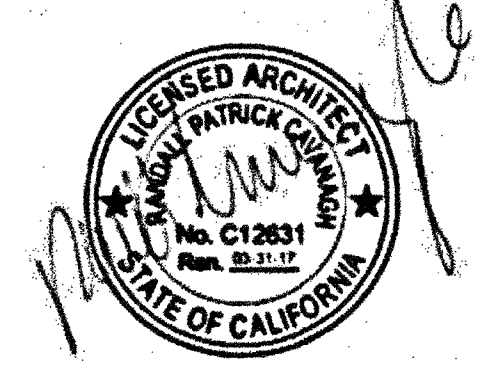
MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
ENERGY CALCULATIONS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
CALIFORNIA
APPL 01-115705
DATE APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
CALIFORNIA
PC 02-113876
DATE 6/22/15

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

REVISIONS

DRAWN BY: AS NOTED

SCALE:

DATE:

SHEET NUMBER

APPROVED
DIVISION OF STATE ARCHITECT
HIGH PERFORMANCE SECTION
APP #02-113876 DATE: 6/22/15
Gus Bair, C.E.P.E.

EN.6

STATE OF CALIFORNIA
INDOOR LIGHTING
CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS
INDOOR LIGHTING - Lighting Controls
Project Name: AMS Modular Classroom 24'x40' (for DSA) Date Prepared: 5/21/2015
Page 2 of 3

A separate Lighting Schedule Must Be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this Lighting Schedule is only for:
 CONDITIONED SPACE UNCONDITIONED SPACE

C. INDOOR LIGHTING SCHEDULE and FIELD INSPECTION ENERGY CHECKLIST

A	B	C						E	F	G	H	I	J
		Watts per luminaire (W/L)	Number of luminaires (N)	Area (A)	Volume (V)	Height (H)	Foot-candles (FC)						
LED	A - 40w LED	40.0	8	200	200	10	2	80	Electrical, Mechanical Room				
INSTALLED WATTS PAGE TOTAL:											280	Enter sum total of all pages into NRCC-LI-01-E, Page 2	

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
INDOOR LIGHTING
CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS
INDOOR LIGHTING - Lighting Controls
Project Name: AMS Modular Classroom 24'x40' (for DSA) Date Prepared: 5/21/2015
Page 3 of 3

A separate Lighting Schedule Must Be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this Lighting Schedule is only for:
 CONDITIONED SPACE UNCONDITIONED SPACE

A. INDOOR LIGHTING SCHEDULE and FIELD INSPECTION ENERGY CHECKLIST

B. Installed Portable Luminaires in Offices - Exception to Section 140.6(a)

Office Location	Field Inspector
Electrical, Mechanical Room	
Enter sum total of all pages into NRCC-LI-01-E, Page 1	

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
INDOOR LIGHTING
CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS
INDOOR LIGHTING
Project Name: AMS Modular Classroom 24'x40' (for DSA) Date Prepared: 5/21/2015
Page 1 of 3

5. Complies ONLY if Installed as Allowed
6. Allowed Lighting Power
Conditioned NRCC-LI-01-E, page 1
Unconditioned NRCC-LI-01-E, page 1
296

Declaration of Required Installation Certificates - Declare by selecting yes for all Installation Certificates that will be submitted. (Retain copies and verify forms are completed and signed.)

YES	NO	Form/Title	Field Inspector
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-LI-01-E - Must be submitted for all buildings	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-LI-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-LI-03-A - Must be submitted for a line-voltage track lighting integral current limiter, or for a supplementary overcurrent protection panel used to energize only line-voltage track lighting, to be recognized for compliance.	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-LI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room, or a theater to be recognized for compliance.	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-LI-05-E - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance.	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-LI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance.	<input type="checkbox"/>

Declaration of Required Certificates of Acceptance - Declare by checking all of the Certificates of Acceptance that will be submitted. (Retain copies and verify forms are completed and signed.)

YES	NO	Form/Title	Field Inspector
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-11-03-A - Must be submitted for occupancy sensors and automatic time switch controls.	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-11-03-A - Must be submitted for automatic daylight controls.	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-11-04-A - Must be submitted for demand responsive lighting controls.	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
INDOOR LIGHTING - LIGHTING CONTROLS
CERTIFICATE OF COMPLIANCE
INDOOR LIGHTING - Lighting Controls
Project Name: AMS Modular Classroom 24'x40' (for DSA) Date Prepared: 5/21/2015
Page 2 of 3

A separate document must be filled out for Conditioned and Unconditioned Spaces. This page is used only for the following:
 CONDITIONED SPACES UNCONDITIONED SPACES

MANDATORY AND PRESCRIPTIVE INDOOR LIGHTING CONTROL SCHEDULE, PAF CALCULATION, and FIELD INSPECTION CHECKLIST

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	PAF Credit Calculation		Field Inspector	
															PAF	Watts per luminaire (W/L)		
Restrooms (per RR)	Switches	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	0	0	
Control Credit PAGE TOTAL (Sum of Column M):															0	0		
Enter Control Credit total into NRCC-LI-01-E, Page 1.																		

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
INDOOR LIGHTING - LIGHTING CONTROLS
CERTIFICATE OF COMPLIANCE
INDOOR LIGHTING - Lighting Controls
Project Name: AMS Modular Classroom 24'x40' (for DSA) Date Prepared: 5/21/2015
Page 1 of 3

The NRCC-LI-02-E shall be used to document all mandatory and prescriptive lighting controls that are applicable to the project.
Mandatory Lighting Control Declaration Statements (Indicate if the measure applies by checking yes or no below.)

YES	NO	Control Requirements
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lighting shall be controlled by self-contained lighting control devices which are certified to the Energy Commission according to the Title 20 Appliance Efficiency Regulations in accordance with Section 110.9.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lighting shall be controlled by a lighting control system or energy management control system in accordance with Section 110.9. An Installation Certificate shall be submitted in accordance with Section 130.4(b).
<input checked="" type="checkbox"/>	<input type="checkbox"/>	One or more Track Lighting Integral Current Limiters shall be installed which have been certified to the Energy Commission in accordance with Section 130.4(b). Additionally, an installation certificate shall be submitted in accordance with Section 130.4(b).
<input checked="" type="checkbox"/>	<input type="checkbox"/>	A Track Lighting Supplementary Overcurrent Protection Panel shall be installed in accordance with Section 130.9 and Section 130.0. Additionally, an Installation Certificate shall be submitted in accordance with Section 130.4(b).
<input checked="" type="checkbox"/>	<input type="checkbox"/>	All lighting controls and equipment shall comply with the applicable requirements in Section 130.9 and shall be installed in accordance with the manufacturer's instructions in accordance with Section 130.1.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	All luminaires shall be functionally controlled with manually switched ON and OFF lighting controls in accordance with Section 130.1(a).
<input checked="" type="checkbox"/>	<input type="checkbox"/>	General lighting shall be separately controlled from all other lighting systems in an area. Floor and wall display, window display, case display, ornamental, and special effects lighting shall each be separately controlled on circuits that are 20 amps or less. When track lighting is used, general, display, ornamental, and special effects lighting shall each be separately controlled in accordance with Section 130.1(a).
<input checked="" type="checkbox"/>	<input type="checkbox"/>	The general lighting of any enclosed area 100 square feet or larger, with a connected lighting load that exceeds 0.3 watts per square foot shall meet the multi-level lighting control requirements in accordance with Section 130.1(b).
<input checked="" type="checkbox"/>	<input type="checkbox"/>	All installed indoor lighting shall be equipped with controls that meet the applicable Shut-Off control requirements in Section 130.1(c).
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lighting in all Daylit Zones shall be controlled in accordance with the requirements in Section 130.1(d) and daylight zones are shown on the plans.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lighting power in buildings larger than 10,000 square feet shall be capable of being automatically reduced in response to a Demand Responsive Signal in accordance with Section 130.1(e).
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Before an occupancy permit is granted for a newly constructed building or area, or a new lighting system serving a building, area, or site is operated for normal use, indoor lighting controls serving the building, area, or site shall be certified as meeting the Acceptance Requirements for Code Compliance in accordance with Section 130.4(a). The controls required to meet the Acceptance Requirements include automatic daylight controls, automatic shut-off controls, and demand responsive controls.

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
INDOOR LIGHTING POWER ALLOWANCE
CERTIFICATE OF COMPLIANCE
INDOOR LIGHTING POWER ALLOWANCE
Project Name: AMS Modular Classroom 24'x40' (for DSA) Date Prepared: 5/21/2015
Page 4 of 4

A separate page must be filled out for Conditioned and Unconditioned Spaces. This page is only for:
 CONDITIONED SPACE UNCONDITIONED SPACE

C-2 AREA CATEGORY METHOD GENERAL LIGHTING POWER ALLOWANCE

Location in Building	Primary Function Area per Table 140.6-C	WATTS PER (ft²)	AREA (ft²)	ALLOWED WATTS
RR	Comitor/Restrooms/Support	0.80	353	212
Elec Equipment Room	Electrical, Mechanical Room	0.70	120	84
TOTALS				479
Enter sum total Area Category allowed watts into section C-1 of NRCC-LI-03-E (this compliance form)				296

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
INDOOR LIGHTING POWER ALLOWANCE
CERTIFICATE OF COMPLIANCE
INDOOR LIGHTING POWER ALLOWANCE
Project Name: AMS Modular Classroom 24'x40' (for DSA) Date Prepared: 5/21/2015
Page 2 of 4

A separate page must be filled out for Conditioned and Unconditioned Spaces. This page is only for:
 CONDITIONED SPACE UNCONDITIONED SPACE

C-1 AREA CATEGORY METHOD TOTAL LIGHTING POWER ALLOWANCES (C-2 plus C-3)

TYPE OF BUILDING (From §140.6 Table 140.6-B)	WATTS PER (ft²)	COMPLETE BLDG. AREA	ALLOWED WATTS
Total Area:			
Total Watts. Enter Total Watts into section A, row 1 (above on this page)			

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
INDOOR LIGHTING POWER ALLOWANCE
CERTIFICATE OF COMPLIANCE
INDOOR LIGHTING POWER ALLOWANCE
Project Name: AMS Modular Classroom 24'x40' (for DSA) Date Prepared: 5/21/2015
Page 1 of 4

A separate page must be filled out for Conditioned and Unconditioned Spaces. This page is only for:
 CONDITIONED SPACE UNCONDITIONED SPACE

A. SUMMARY TOTALS OF LIGHTING POWER ALLOWANCES

(a)	(b)
1. Complete Building Method Allowed Watts. Documented in section B of NRCC-LI-03-E (below on this page)	296
2. Area Category Method Allowed Watts. Documented in section C-1 of NRCC-LI-03-E (below on this page)	0
3. Tailored Method Allowed Watts. Documented in section A of NRCC-LI-03-E	296
TOTAL ALLOWED BUILDING WATTS. Enter number into correct cell on NRCC-LI-01, Page 2, Row 1	

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
INDOOR LIGHTING - LIGHTING CONTROLS
CERTIFICATE OF COMPLIANCE
INDOOR LIGHTING - Lighting Controls
Project Name: AMS Modular Classroom 24'x40' (for DSA) Date Prepared: 5/21/2015
Page 3 of 3

A separate page must be filled out for Conditioned and Unconditioned Spaces. This page is only for:
 CONDITIONED SPACE UNCONDITIONED SPACE

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Hans Marsman, CEA, CEPE, LEED AP BD+C
Signature Date: 5/21/2015
Address: 777 South Highway 101, Suite 203, Solana Beach, California 92075
Phone: 619.531.1126

Responsible Designer Name: Randall P Cavanagh
Signature Date: 5/21/15
Address: 787 Spreckels Avenue, Manteca, CA 95336
Phone: 209.825.1921

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME

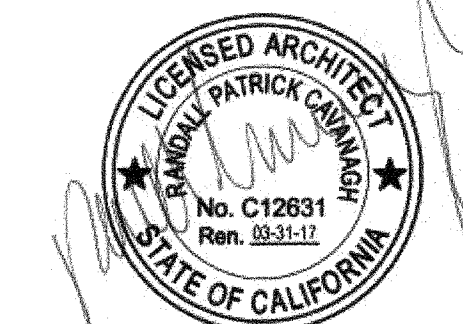
24' x 40' BUILDING

SITE SPECIFIC PROJECT NAME
SANTA CLARA COUNTY OF
EDUCATION
SANTA TERESA ELEMENTARY

SHEET TITLE

TYPICAL FLOOR PLAN

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01-115705

DATE APR 10 2016

ORIGINAL PC STATE AGENCY APPROVAL

BASED ON PC# 02-113876
PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS

DRAWN BY: AB
SCALE: AS NOTED
DATE: 10/12/15
SHEET NUMBER

A1.0

- 1 (2) 8'x4' MARKER BOARDS - SEE SHEET A4.0
- 2 NOT USED
- 3 TYP. MOD LINE
- 4 FIRE EXTINGUISHER - TOP OF HANDLE @ +48" A.F.F. 4" MAX PROTRUSION FROM WALL IF FIRE EXTINGUISHER IS ABOVE 27" A.F.F.
- 5 TACTILE EXIT SIGN PER DETAIL 10/N4.0 (BY OTHERS)
- 6 NOT USED
- 7 CLASSROOM ID # AND ISA PER DETAILS 5&9/N4.0 (BY OTHERS)
- 8 NOT USED
- 9 CARPET
- 10 NOT USED
- 11 NOT USED
- 12 OVERHANG ABOVE
- 13 OCCUPANT LOAD SIGN PER DETAIL 11/N4.0 (BY OTHERS) & FLOOR LIVE LOAD SIGN PER 2013 CBC.
- 14 DOWNSPOUT - DISCHARGE TO SPLASH BLOCK (UON) (QUANTITY AND LOCATION MAY VARY)
- 15 HVAC - SEE MECHANICAL
- 16 ELECTRICAL PANEL (LOCATION MAY VARY)
- 17 TYPICAL RAMP REFER TO DETAIL 2, THIS SHEET
- 18 FLOOR LIVE LOAD & SNOW LOAD SIGN PER 2013 CBC
- 19 VCT
- 20 SHEET VINYL

KEY NOTES

ENERGY CONTROLS

- DEMAND RESPONSE CONTROLS:**
ONLY REQUIRED IN BUILDINGS LARGER THAN 10,000 S.F., THEREFORE, NOT REQUIRED FOR THIS PC.
 - AUTOMATIC DAYLIGHTING CONTROLS:**
NOT REQUIRED IN ROOMS WHERE COMBINED INSTALLED LIGHTING POWER IN COMBINED SKYLIT & PRIMARY DAYLIT ZONES ARE <120 WATTS. INSTALLED WATTAGE IN PRIMARY SIDELIT DAY LIT ZONE IS 80 WATTS (2x 40w). THEREFORE, AUTOMATIC DAYLIGHTING CONTROLS ARE ONLY REQUIRED WHEN "SOLATUBES" ARE INSTALLED. SEE A1.1.
 - ENERGY MANAGEMENT CONTROL SYSTEM (EMCS) CONNECTION:**
PER TITLE 24 CODE, "AN EMCS MAY BE INSTALLED TO COMPLY WITH THE REQUIREMENTS OF ONE OR MORE LIGHTING CONTROLS IF IT MEETS THE MINIMUM REQUIREMENTS". PC MAY CONTAIN OCCUPANCY SENSORS AND PHOTOCELL CONTROL LIGHTING, IN THAT CASE, AN EMCS IS NOT REQUIRED FOR THIS PC.
 - SOLAR-READY ZONE REQUIREMENTS:**
REQUIREMENTS, DETAIL & TABLE CAN BE FOUND ON SHEET A2.0
- NOTE: ANY MONITORING EQUIPMENT OR ASSOCIATED SENSORS ARE SITE SPECIFIC AND ARE NOT INCLUDED IN THE BASE PC.

ENERGY NOTES

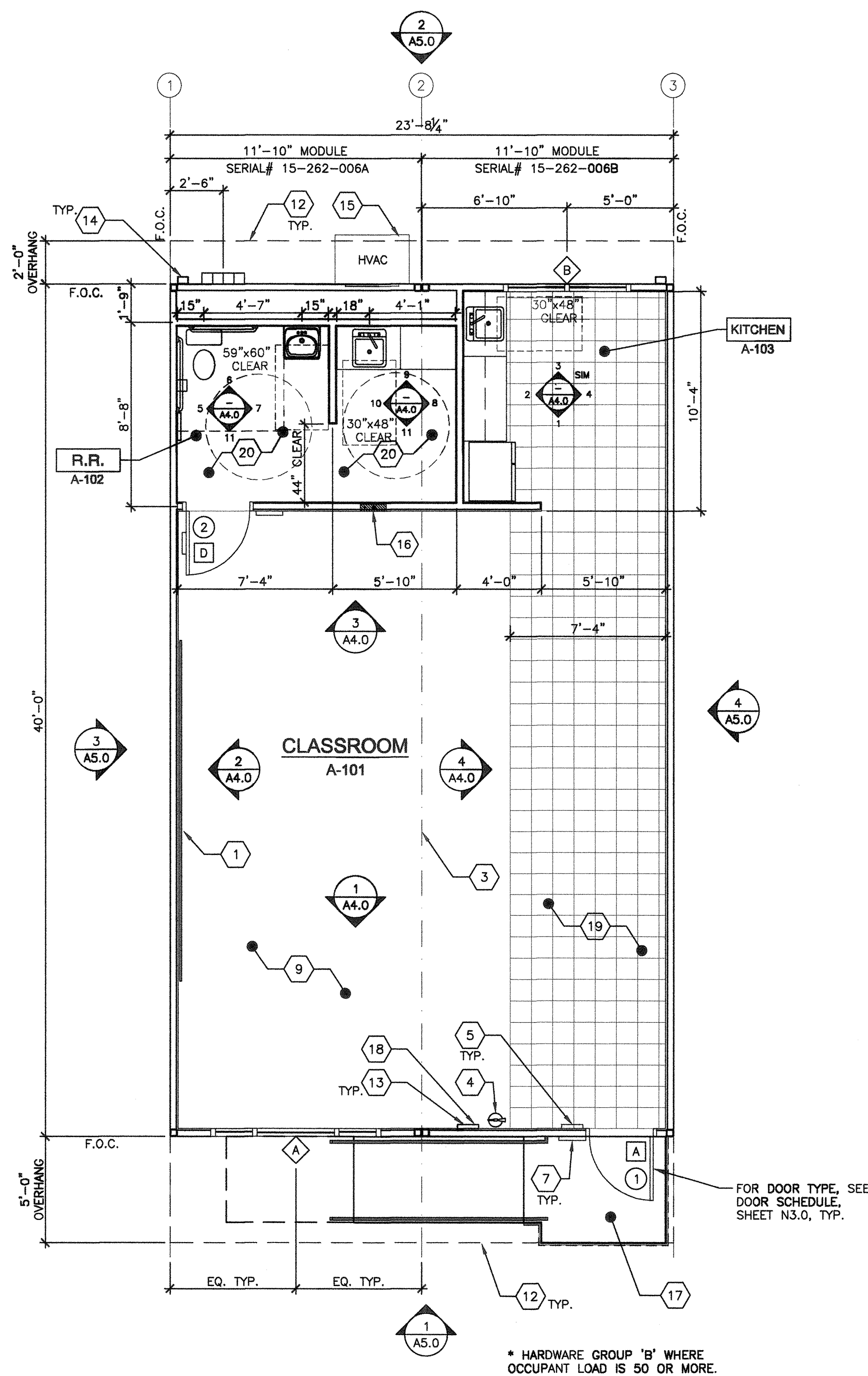
ACOUSTIC CONTROLS

- WHEN THE PRE-CHECK (PC) BUILDING IS SITE ADAPTED, THE BUILDING AND SITE FEATURES SHALL COMPLY WITH THE CALGREEN CODE, SECTION 5.507.4, FOR THE SPECIFIC SITE LOCATION.
- MINIMUM WALL ASSEMBLIES:**
WALL ASSEMBLIES SHALL BE CONSTRUCTED PER DETAIL SHEETS A5.1, A5.3, A5.5, A5.7, & A8.0, WITH EITHER 2x4 WOOD STUDS OR 6" STEEL STUDS PER LISTED OPTIONS. MINIMUM STC RATINGS LISTED BELOW ARE PER THE CATALOG OF STC & IIC RATINGS FOR WALL AND FLOOR/CEILING ASSEMBLIES, PRODUCED BY THE OFFICE OF NOISE CONTROL - CA DEPARTMENT OF HEALTH SERVICES.

(1) LAYER 1/2" GYPSUM BOARD
SECURED TO MIN. 2x4 STUDS
@ 16" O.C. MAX.

STC=28 (CATALOG SECTION 1.2.1.5.4.1)
TEST REF.: NATIONAL RESEARCH COUNCIL
OF CANADA - NRC #66

- IN THE EVENT THAT A PC CLASSROOM IS DESIGNED TO CONNECT TO ANOTHER PC CLASSROOM OR RESTROOM, INTERIOR SOUND TRANSMISSION IN THE INTERIOR ADJOINING WALL AND FLOOR/CEILING SHALL MEET THE MINIMUM REQUIREMENT OF A STC OF 40, PER CALGREEN CODE SECTION 507.4.3.
- MINIMUM WINDOW & DOOR RATINGS:**
ALL WINDOWS AND DOORS SPECIFIED ON THE SCHEDULES FOUND ON SHEET N3.0 OF THIS PACKAGE SHALL MEET A MINIMUM STC RATING OF 27.

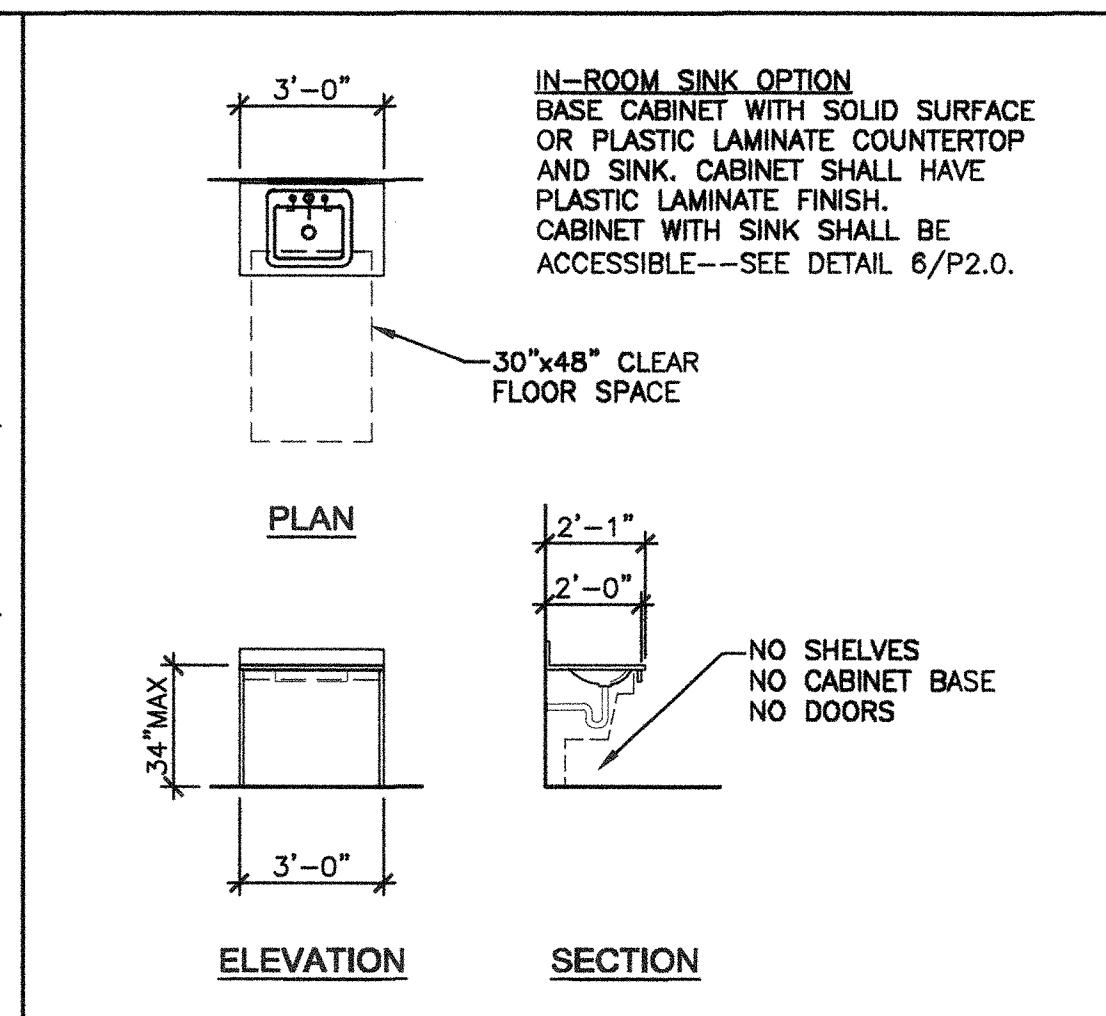
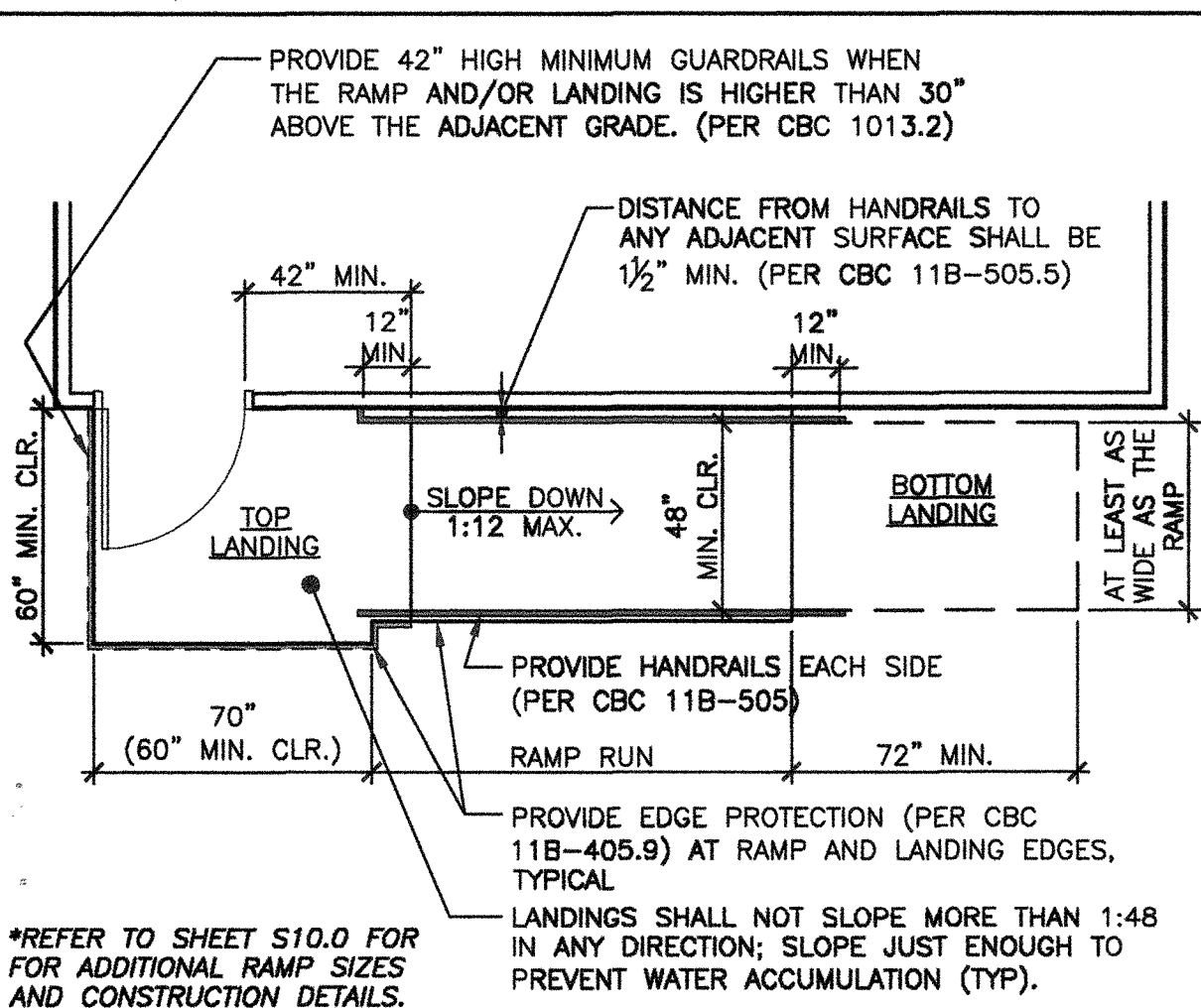


FOR DOOR TYPE, SEE DOOR SCHEDULE, SHEET N3.0, TYP.

* HARDWARE GROUP 'B' WHERE OCCUPANT LOAD IS 50 OR MORE.

TYPICAL FLOOR PLAN

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



- REFER TO SHEETS N5.0 AND N5.1 FOR ADDITIONAL FLOOR PLAN CONFIGURATIONS.
 - INTERIOR WALLS MAY OCCUR THROUGHOUT BUILDING. REFER TO SHEETS S8.1 OR S9.1 FOR ATTACHMENTS.
 - PANIC HARDWARE COMPLYING WITH C.B.C. 1008.1.10 IS REQUIRED TO BE INSTALLED WHEN THE CONFIGURATION OF ANY ROOM PROVIDES AN OCCUPANT LOAD OF 50 OR GREATER.
 - IF OCCUPANCY LOAD EXCEEDS 50, PROVIDE A SECOND EXIT DOOR, PER CBC TABLE 1015.1.
 - FOR ROOMS OR SPACES CLASSIFIED AS AN ASSEMBLY OCCUPANCY, PROVIDE AN OCCUPANT LOAD SIGN (BY OTHERS) IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT, PER C.B.C. SECTION 1004.3.
- SITE NOTE**
3/16:12 (1%) MINIMUM TO 1/4:12 (2%) MAXIMUM GRADE FROM FACE OF BUILDING MUST BE ADHERED TO FOR WATER RUN-OFF. PONDING MAY OCCUR AROUND THE PERIMETER OF THE BUILDING.

- (X) = KEY NOTE - SEE SHEET NOTES
- (O) = DOOR TYPE - SEE SCHEDULE SHEET N3.0
- (H) = DOOR HARDWARE - SEE HARDWARE SCHEDULE SHEET N3.0
- (W) = WINDOW TYPE - SEE SCHEDULE SHEET N3.0

OPTIONAL TYP. RAMP - MIN. REQ'S

CLASSROOM SINK - OPTION

SHEET NOTES

SYMBOLS LEGEND

ACOUSTIC NOTES

MODULAR MANUFACTURER PROPRIETARY STATEMENT

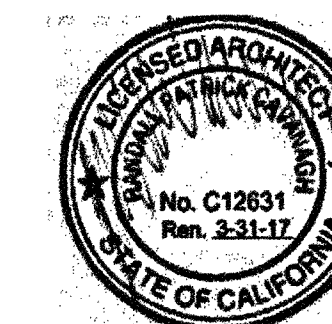
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE PURPOSE OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
ROOF PLAN

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP

DIVISION OF THE STATE ARCHITECT

APPL 01-115705

DATE APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP

DIV. OF THE STATE ARCHITECT

CA. DEPT. OF GENERAL SERVICES

PC 02-113876

DATE 6/22/15

PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC

A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

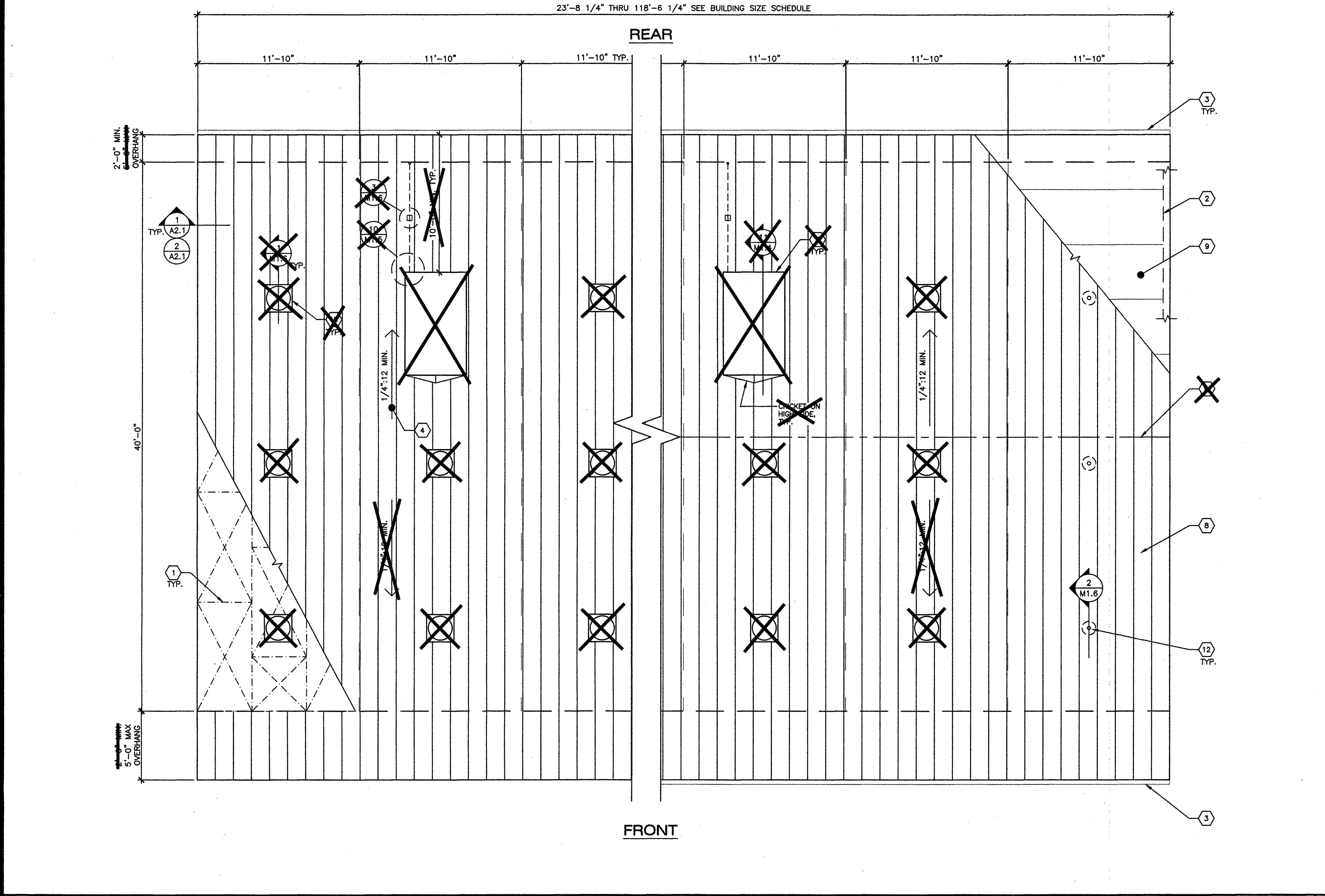
- 1 OSB SHEATHING
- 2 ~~OPTIONAL PATTERN - SEE SHEET 010~~
- 3 GUTTER - SEE 5/A2.1
- 4 ROOF SLOPE
- 5 ~~ROOF MOUNT HVAC UNITS - SEE MECHANICAL PLANS, DETAIL 117/M1.1~~
- 6 ~~ROOF MOUNT HVAC UNITS - SEE DETAIL 5/M1.1~~
- 6 NOT USED
- 7 NOT USED
- 8 STANDING SEAM METAL ROOF - SEE DETAILS ON SHEET A2.1
- 9 TPO-ROOF OPTION - SEE DETAILS ON SHEET A2.1
- 10 ~~SCALED SKYLIGHTS - SEE DETAIL 117/M1.1~~
- 11 ~~ROOF AT GABLE OPTION SLOPE~~
- 12 PIPE VENT - SEE PLUMBING PLANS

KEY NOTES

- SOLAR ZONE REQUIRED, PER TITLE 24 SECTION 110.10: FOR NON-RESIDENTIAL BUILDINGS, 3 STORIES OR LESS, A MINIMUM OF 15% OF ROOF AREA (EXCLUDING SKYLIGHTS) MUST BE SET ASIDE FOR PHOTO-VOLTAICS (PV). THE ROOF MUST HAVE NO ROOF OBSTRUCTIONS.
- REQUIRED SOLAR-READY ZONE, AREA PER THE CHART BELOW, MUST BE PROVIDED ON BUILDING ROOF.
 - ZONE MUST BE LEFT VOID OF ROOF-MOUNTED HVAC UNITS, SKYLIGHTS OR OTHER OBSTRUCTIONS THAT WOULD HINDER FUTURE INSTALLATION OF SOLAR SYSTEM COMPONENTS, INCLUDING PV PANELS.
 - TOTAL AREA REQUIRED FOR SOLAR-READY ZONE DOES NOT NEED TO BE LOCATED IN ONE AREA BUT CAN BE SPREAD OUT OVER ROOF.
 - SOLAR-READY ZONE SHALL NOT INCLUDE ROOF OVERHANGS, AND SOLAR SYSTEM COMPONENTS MAY NOT BE PLACED THERE.
 - THE ROOF STRUCTURE HAS BEEN DESIGNED PER THE DESIGN LOADS SPECIFIED ON SHEET TS WITH A DESIGN ROOF DEAD LOAD OF 14.8 PSF WHICH MAY NOT INCLUDE ADDITIONAL LOADS FROM SOLAR EQUIPMENT THAT MIGHT BE INSTALLED AT A LATER DATE.
 - EQUIPMENT SUCH AS SOLAR MODULES, INVERTERS, AND METERING EQUIPMENT DO NOT NEED TO BE INSTALLED, NOR DOES CONDUIT, PIPING, OR PRE-INSTALLED MOUNTING HARDWARE.
 - A STRUCTURAL ENGINEER OF RECORD SHOULD BE CONSULTED PRIOR TO ANY FUTURE SOLAR INSTALLATIONS TO DETERMINE THE ADEQUACY OF THE ROOF FRAMING TO SUSTAIN THE LOADS OF THE INSTALLATION ON THE BUILDING STRUCTURE.

REQUIRED SOLAR-READY ZONE

BUILDING	MAX. ROOF AREA (SQ. FT.)	REQ'D ZONE AREA (SQ. FT.)
24' x 40'	1200	180
36' x 40'	1800	270
48' x 40'	2400	360
60' x 40'	3000	450
72' x 40'	3600	540
84' x 40'	4200	630
96' x 40'	4800	720
108' x 40'	5400	810
120' x 40'	6000	900



TYPICAL ROOF PLAN

BUILDING	No. OF DRAINS	SIZE OF DOWNSPOUTS
24' x 40'	3	2x3
36' x 40'	3	2x3
48' x 40'	4	2x3
60' x 40'	5	2x3
72' x 40'	6	2x3
84' x 40'	7	2x3
96' x 40'	8	2x3
108' x 40'	9	2x3
120' x 40'	10	2x3

BUILDING DRAIN SCHEDULE

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

SOLAR-READY ZONE REQUIREMENTS

DRAWN BY:

SCALE: AS NOTED

DATE:

SHEET NUMBER

A2.0

MODULAR MANUFACTURER PROPRIETARY STATEMENT
 THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE

ROOF DETAILS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 CA. DEPT. OF GENERAL SERVICES
 APPL 01-115705
 ACS FLS SSS
 DATE APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DW. OF THE STATE ARCHITECT
 CA. DEPT. OF GENERAL SERVICES
 PC 02-113876
 AC [Signature]
 DATE 6/22/15

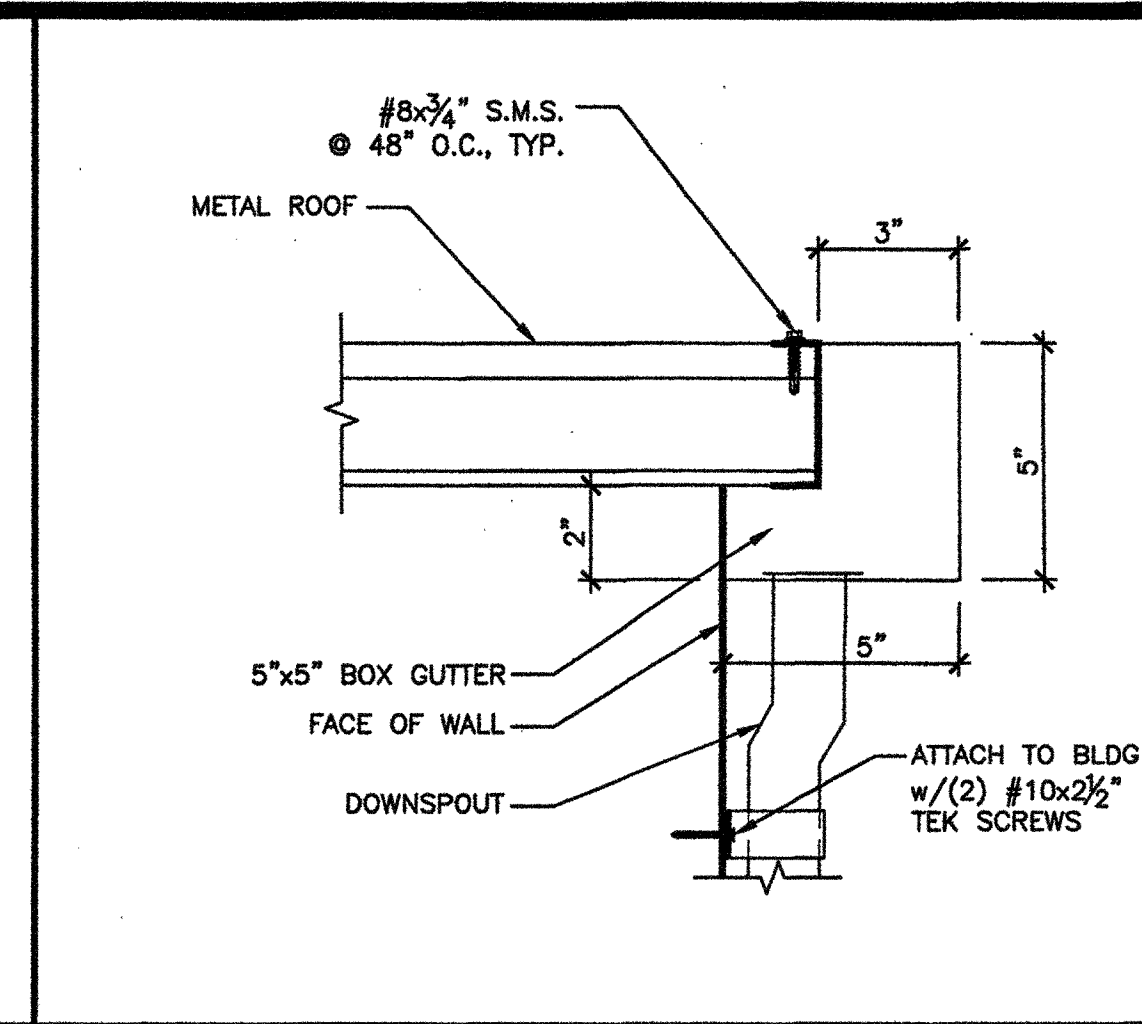
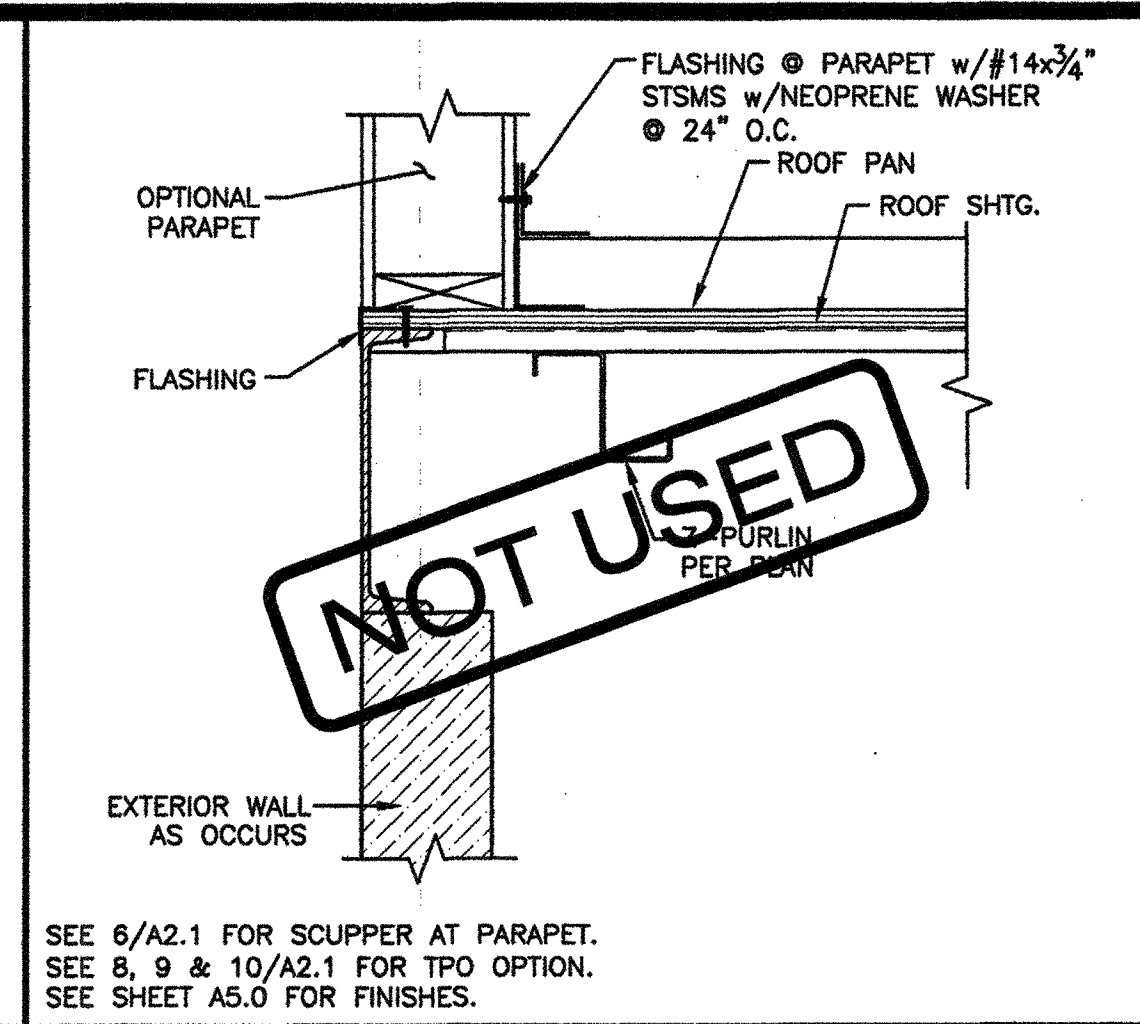
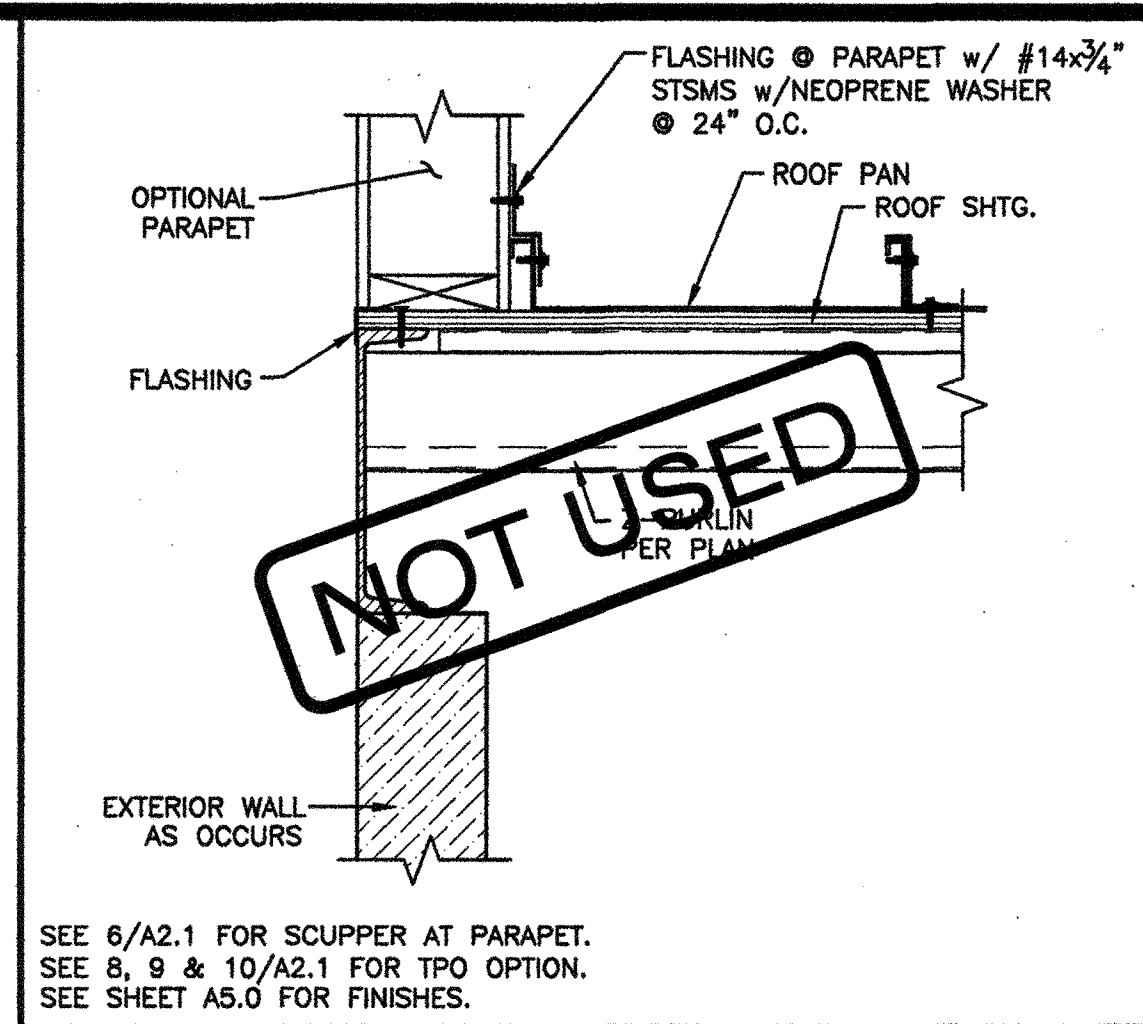
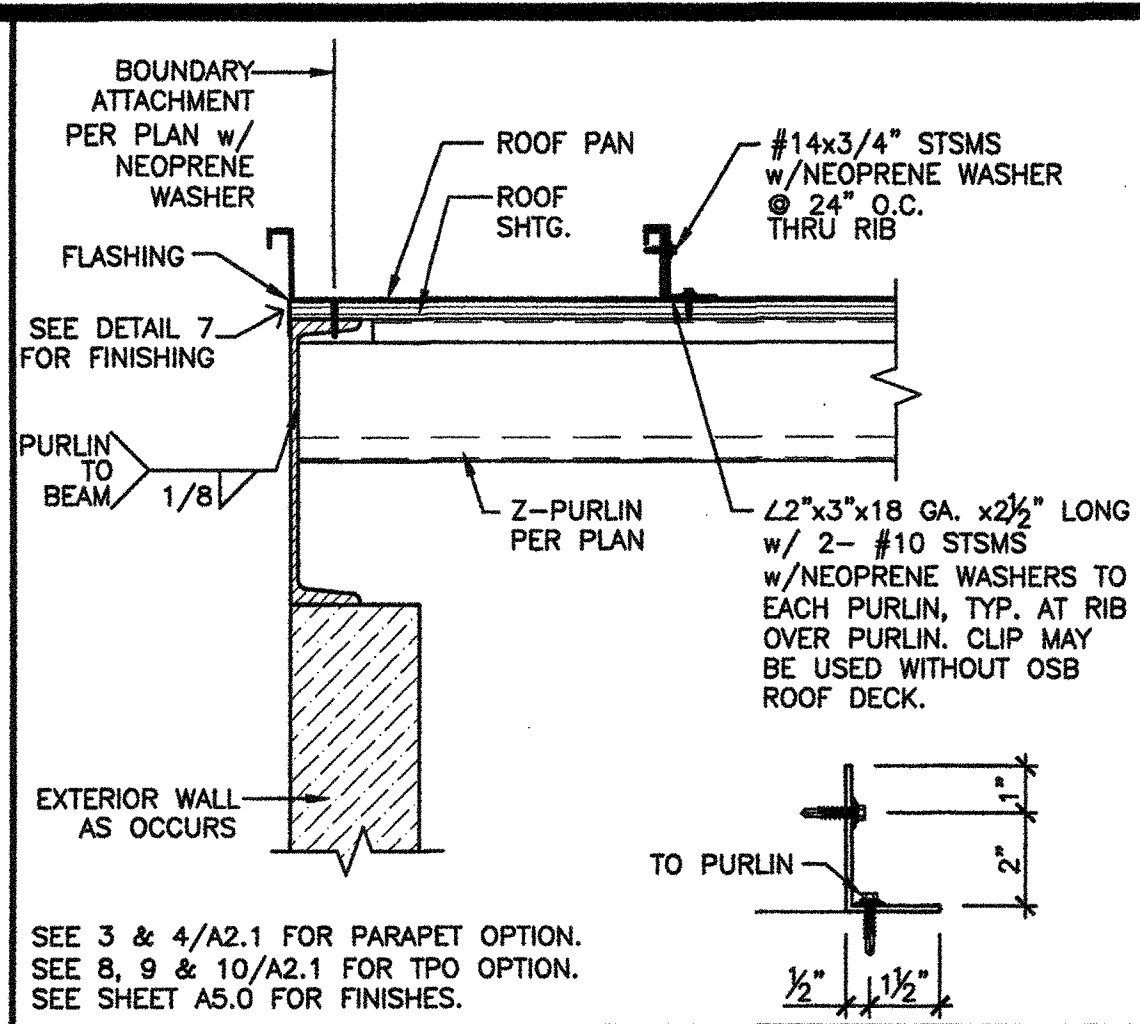
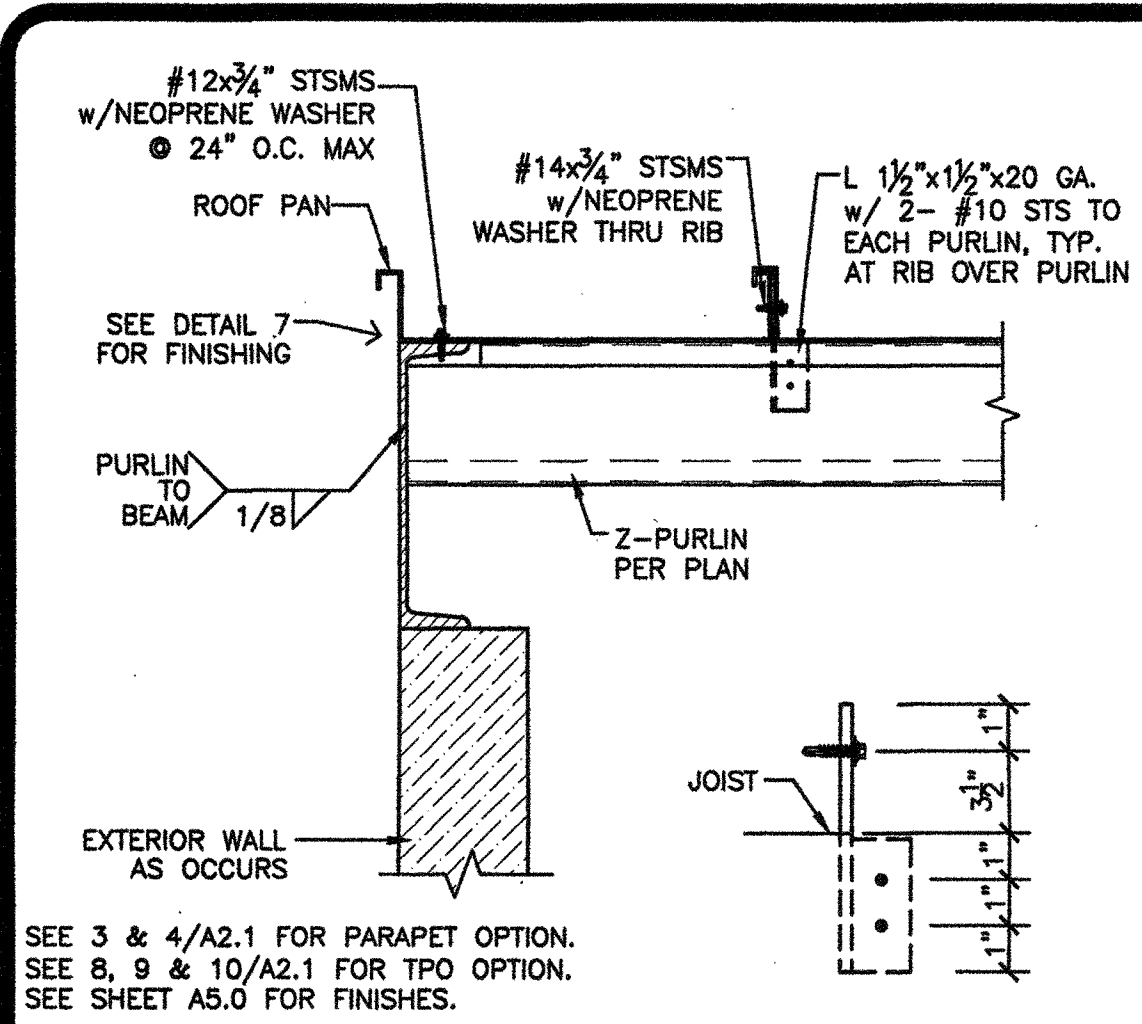
PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS

DRAWN BY:
 SCALE: AS NOTED
 DATE:

SHEET NUMBER

A2.1



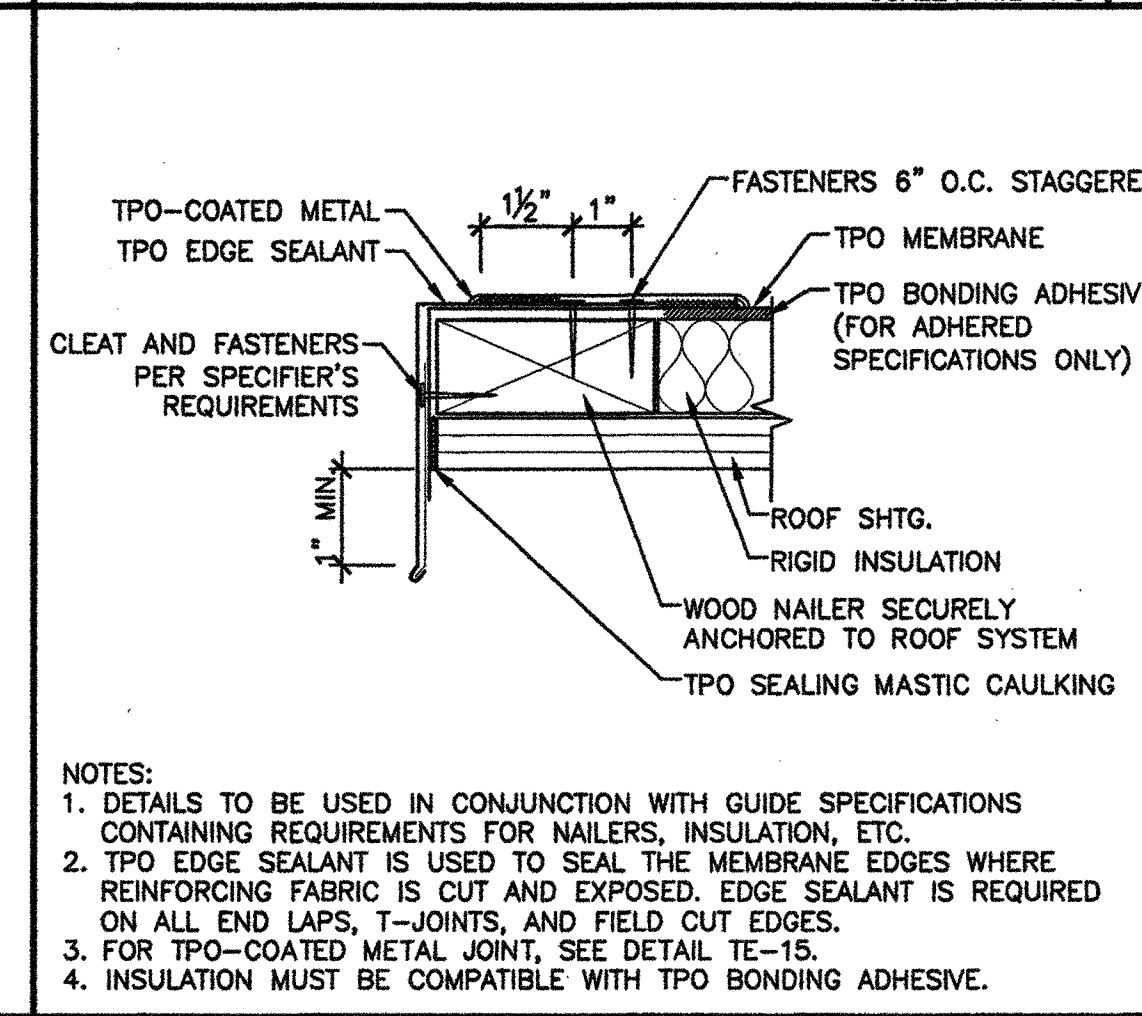
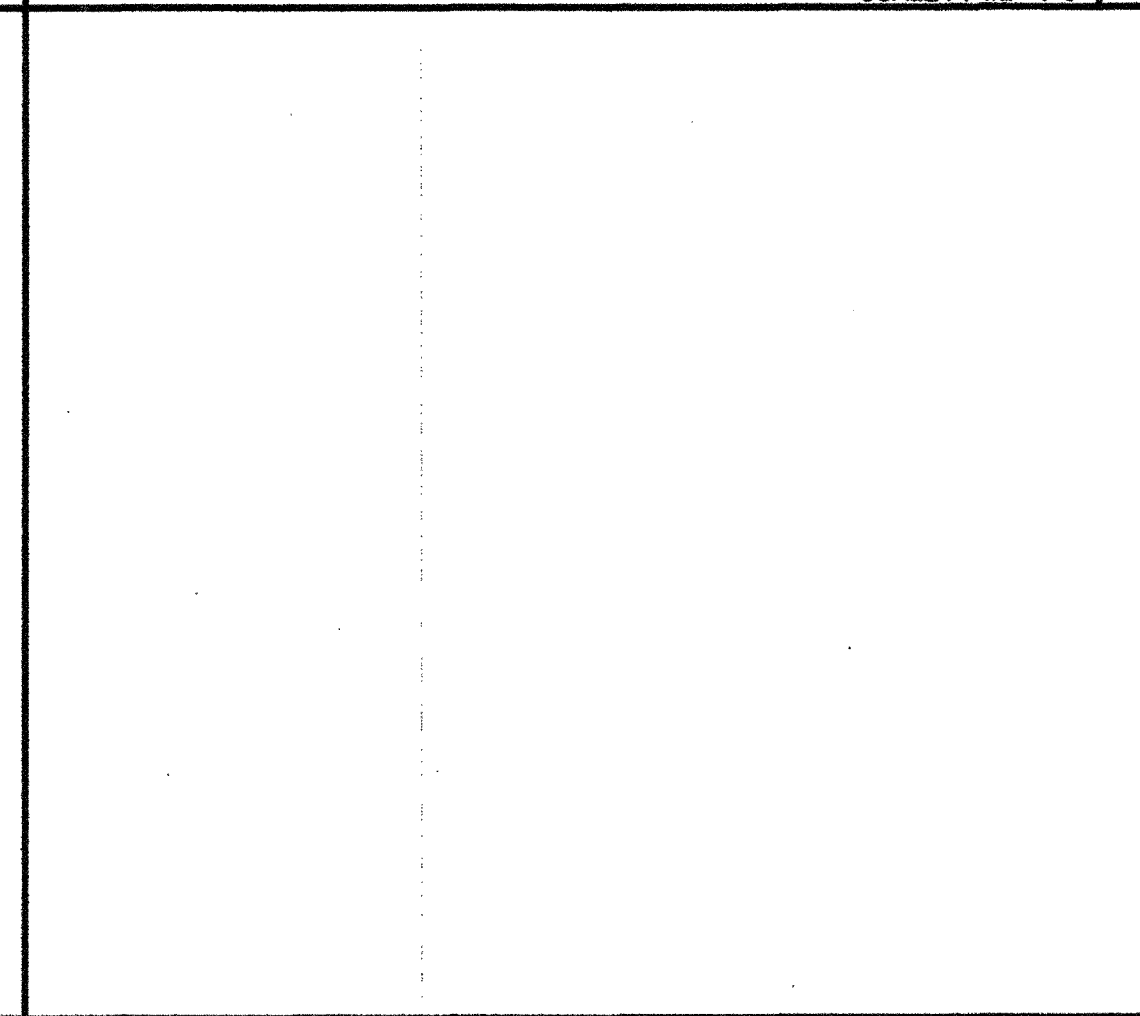
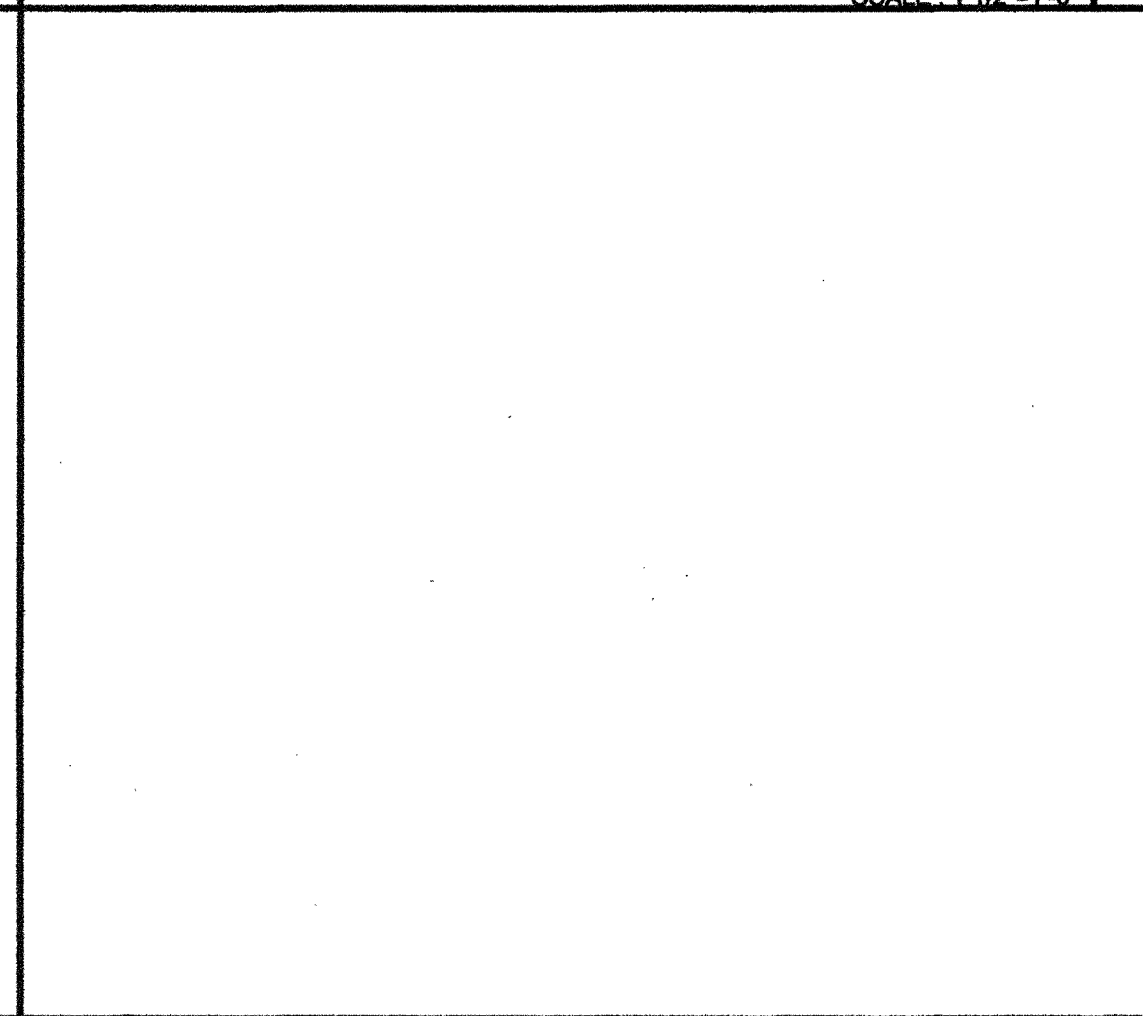
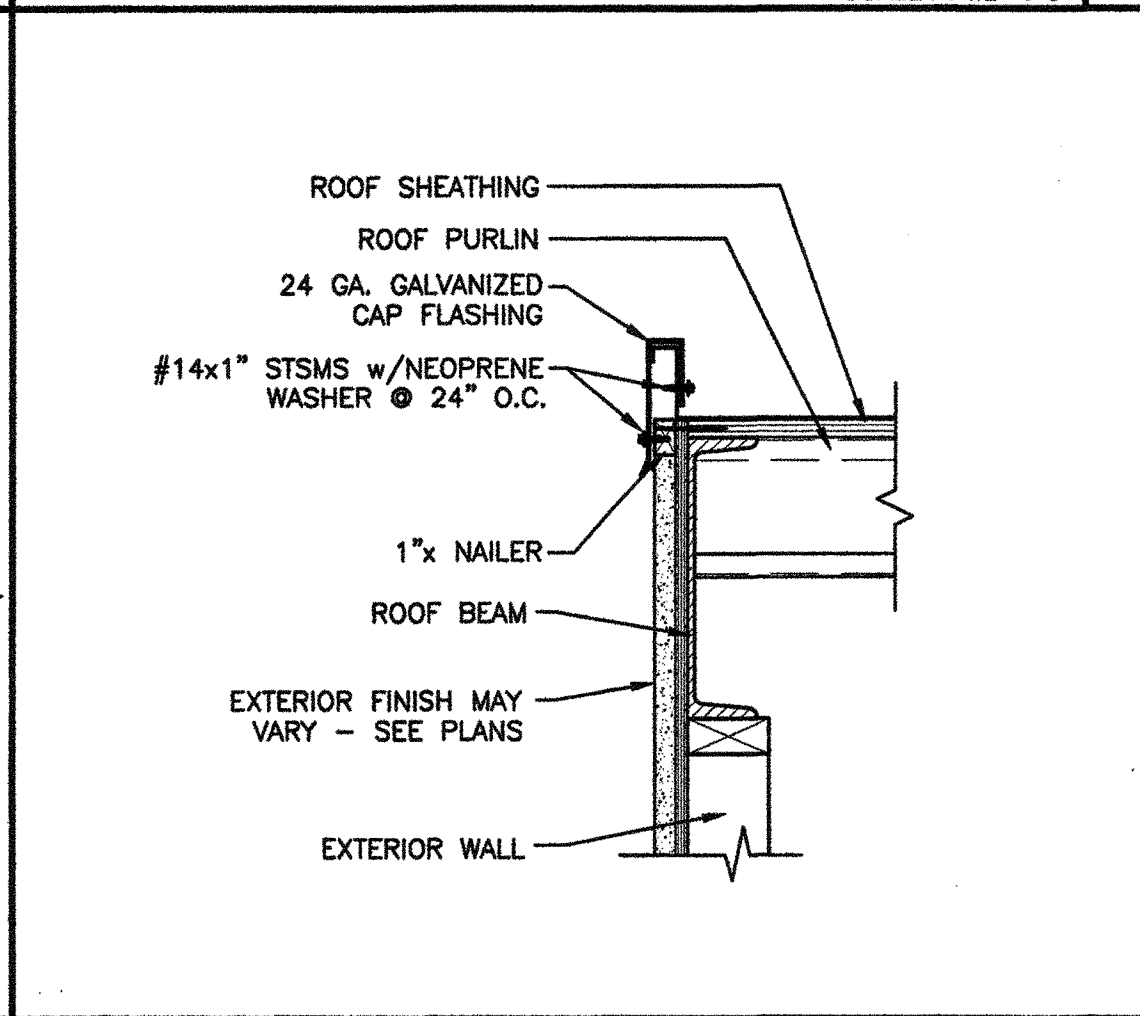
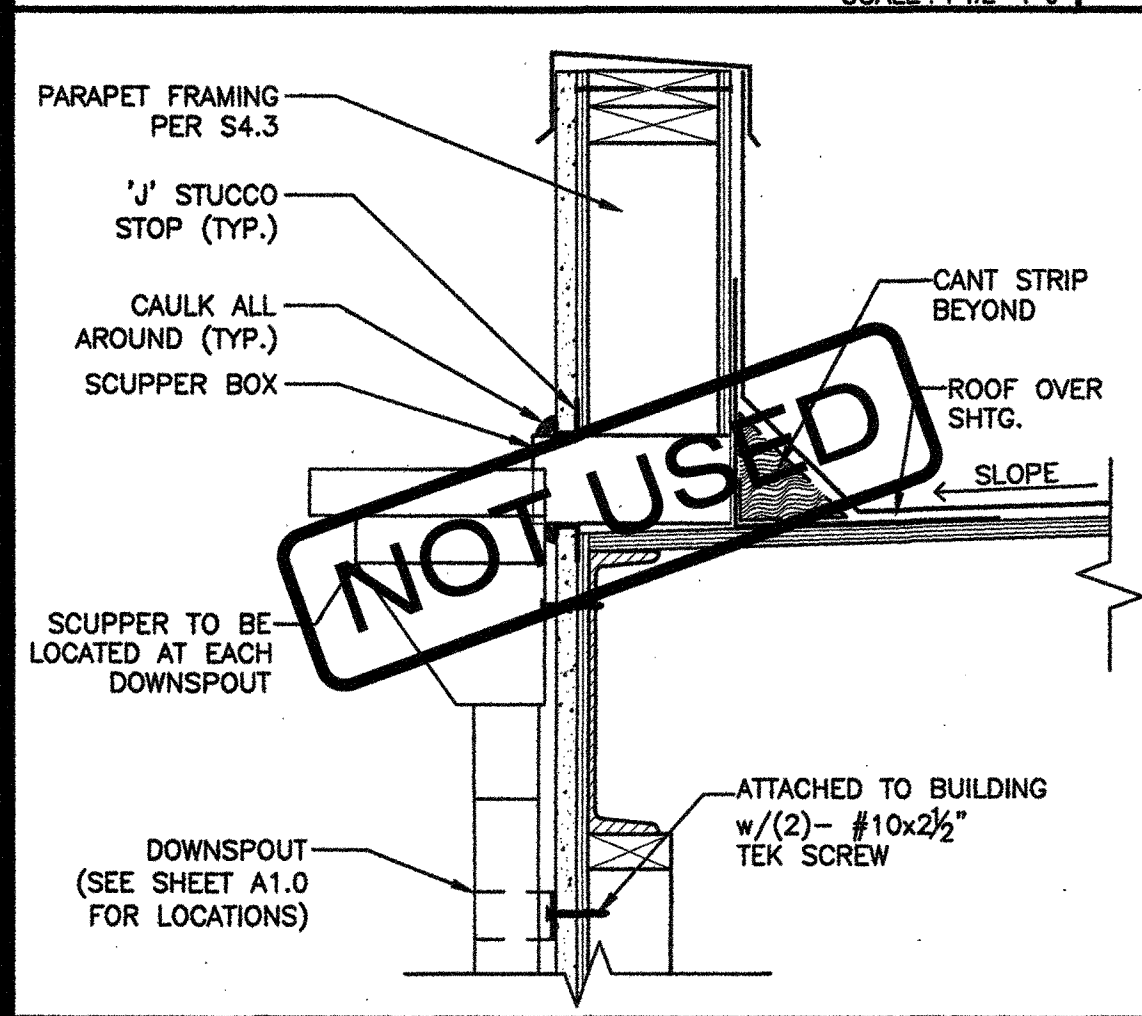
METAL ROOF w/ STRAPS SCALE: 1 1/2"=1'-0" 1

METAL ROOF w/ DECKING SCALE: 1 1/2"=1'-0" 2

OPTIONAL PARAPET @ METAL ROOF SIDE SCALE: 1 1/2"=1'-0" 3

OPTIONAL PARAPET @ METAL ROOF END SCALE: 1 1/2"=1'-0" 4

TYP. GUTTER ATTACHMENT SCALE: 1 1/2"=1'-0" 5



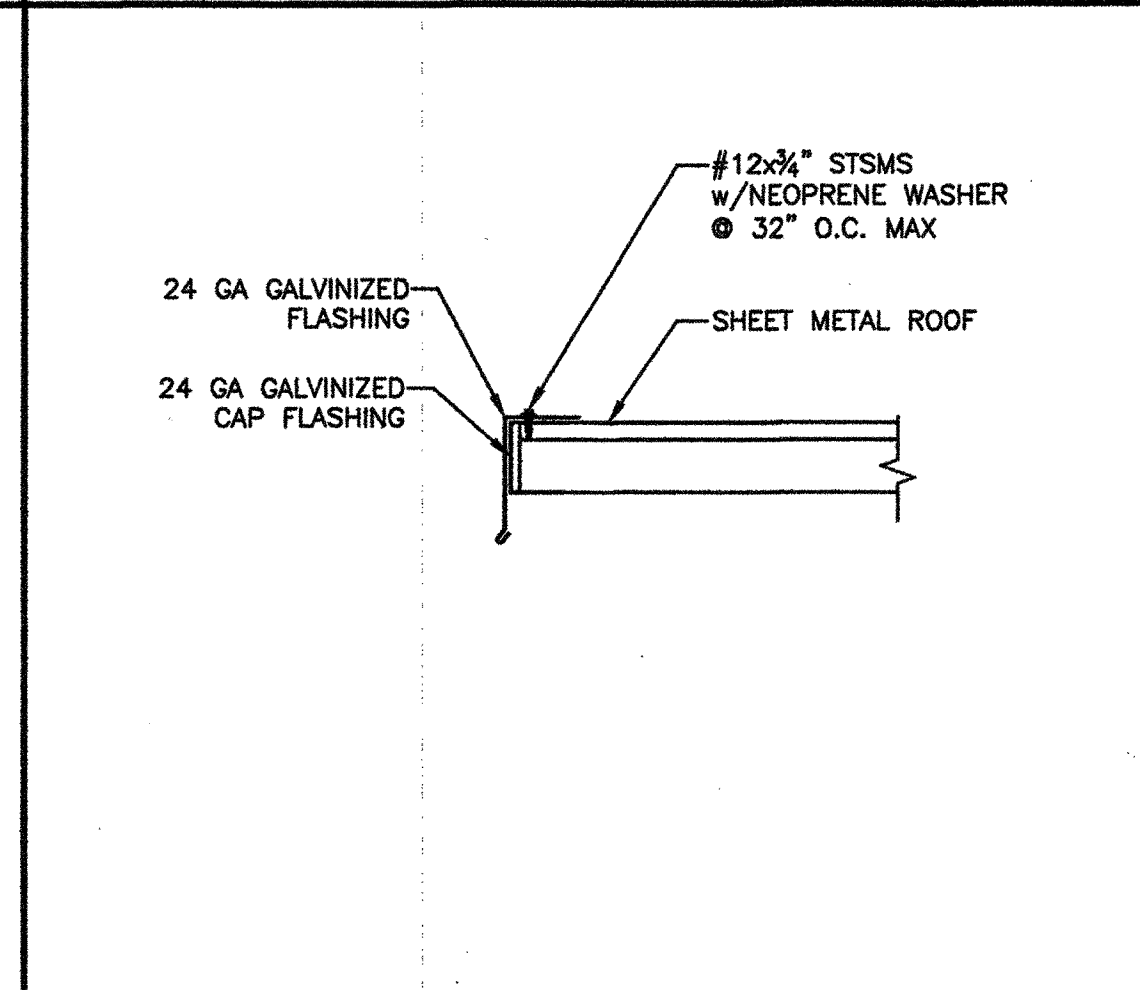
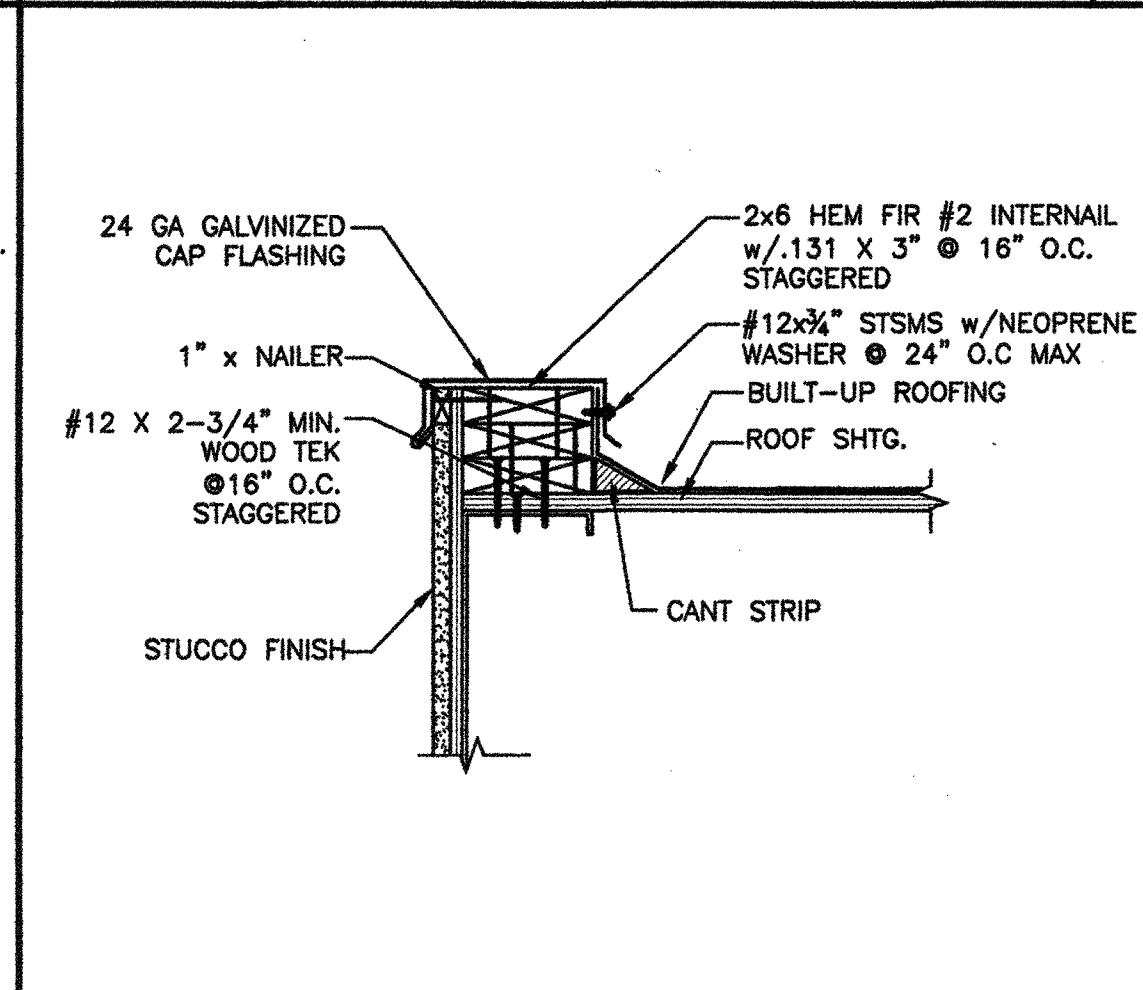
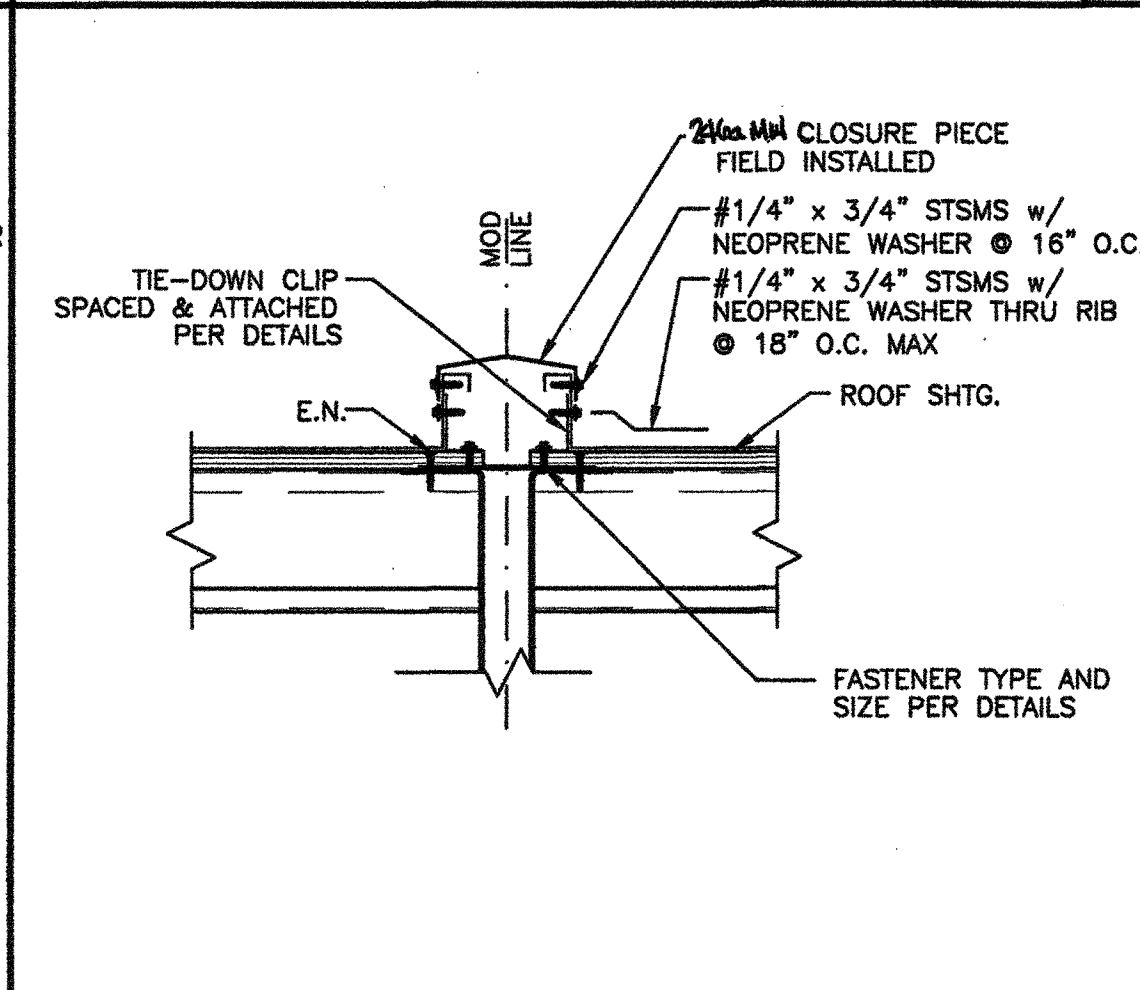
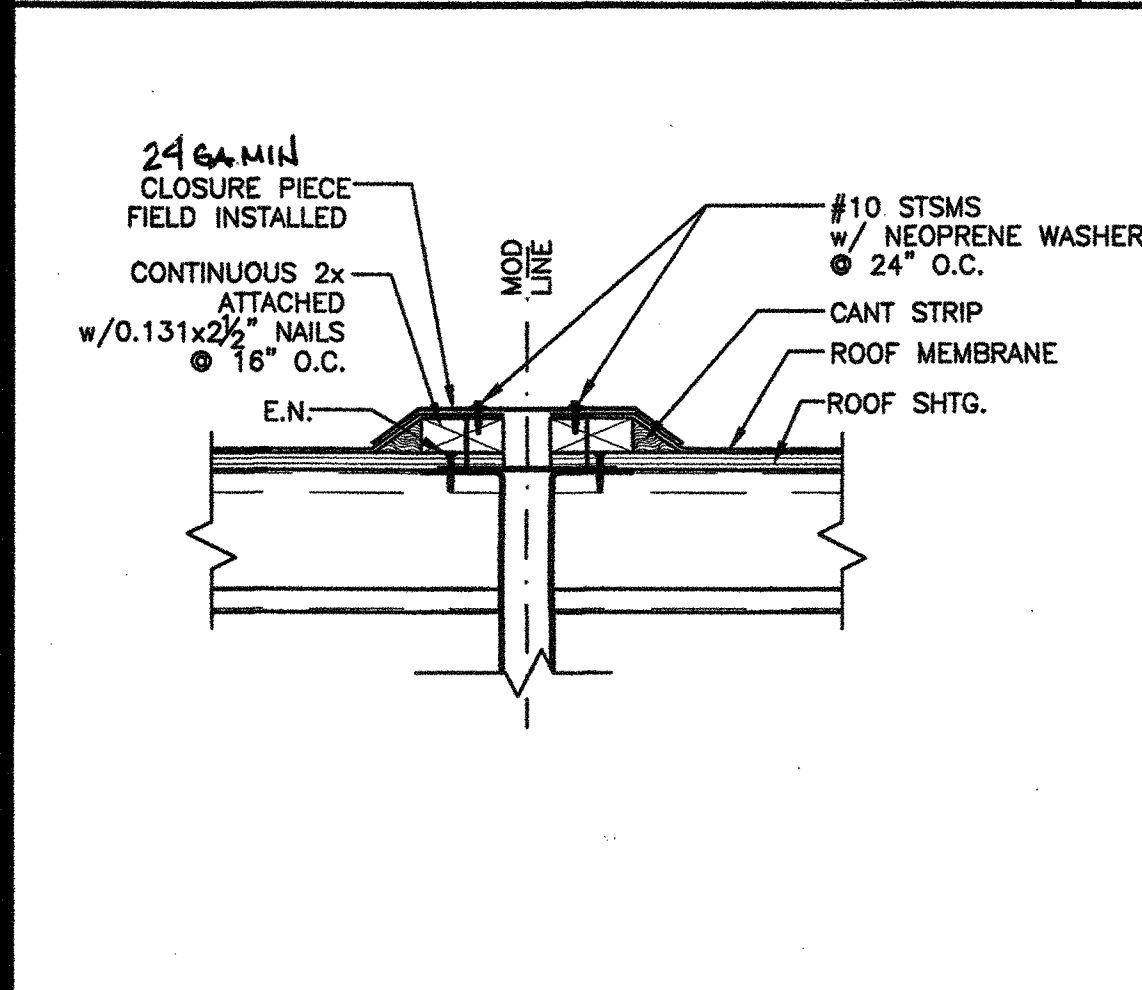
TYP. SCUPPER DETAIL SCALE: 1 1/2"=1'-0" 6

METAL ROOF @ SIDE WALLS SCALE: 1 1/2"=1'-0" 7

NOT USED 8

NOT USED 9

SINGLE-PLY ROOF @ DRIP EDGE N.T.S. 10



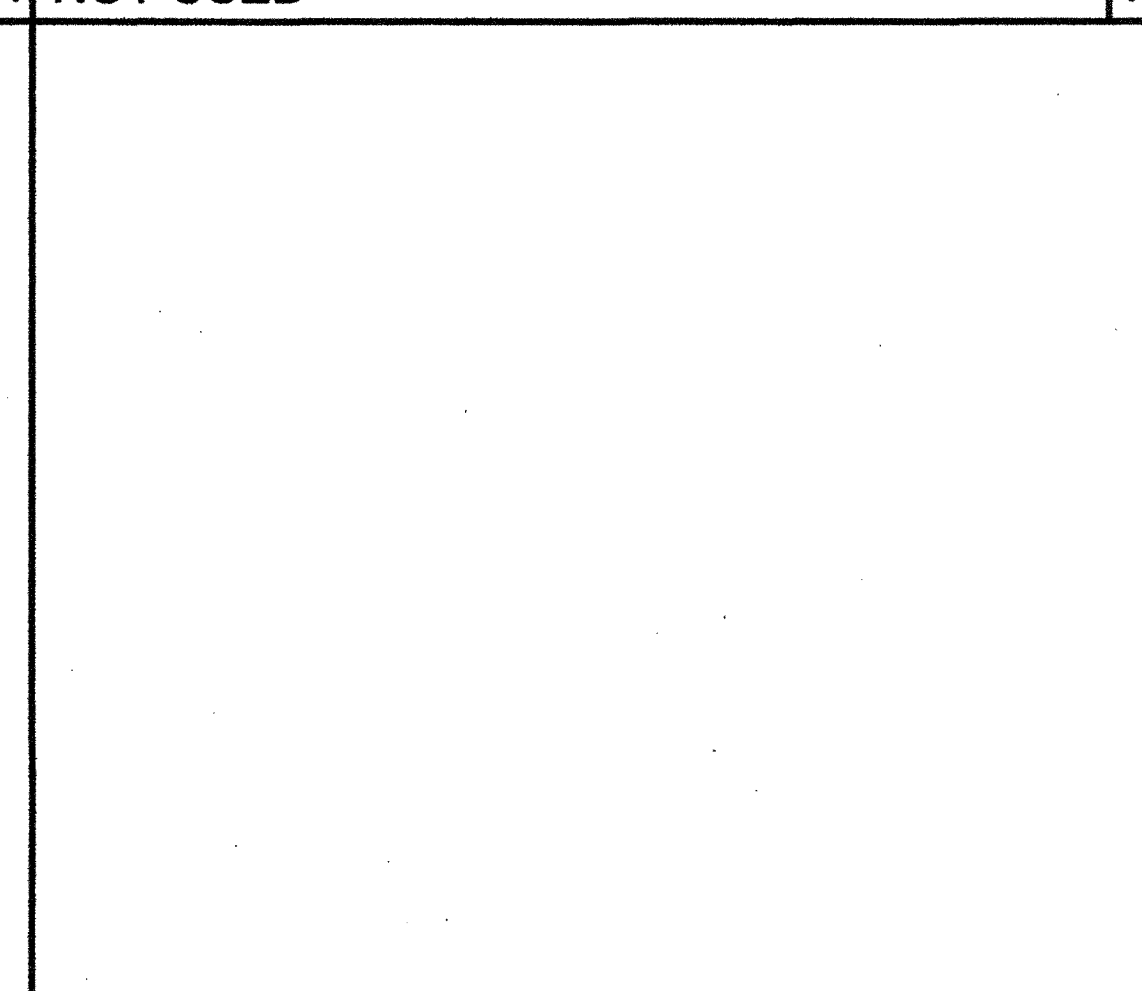
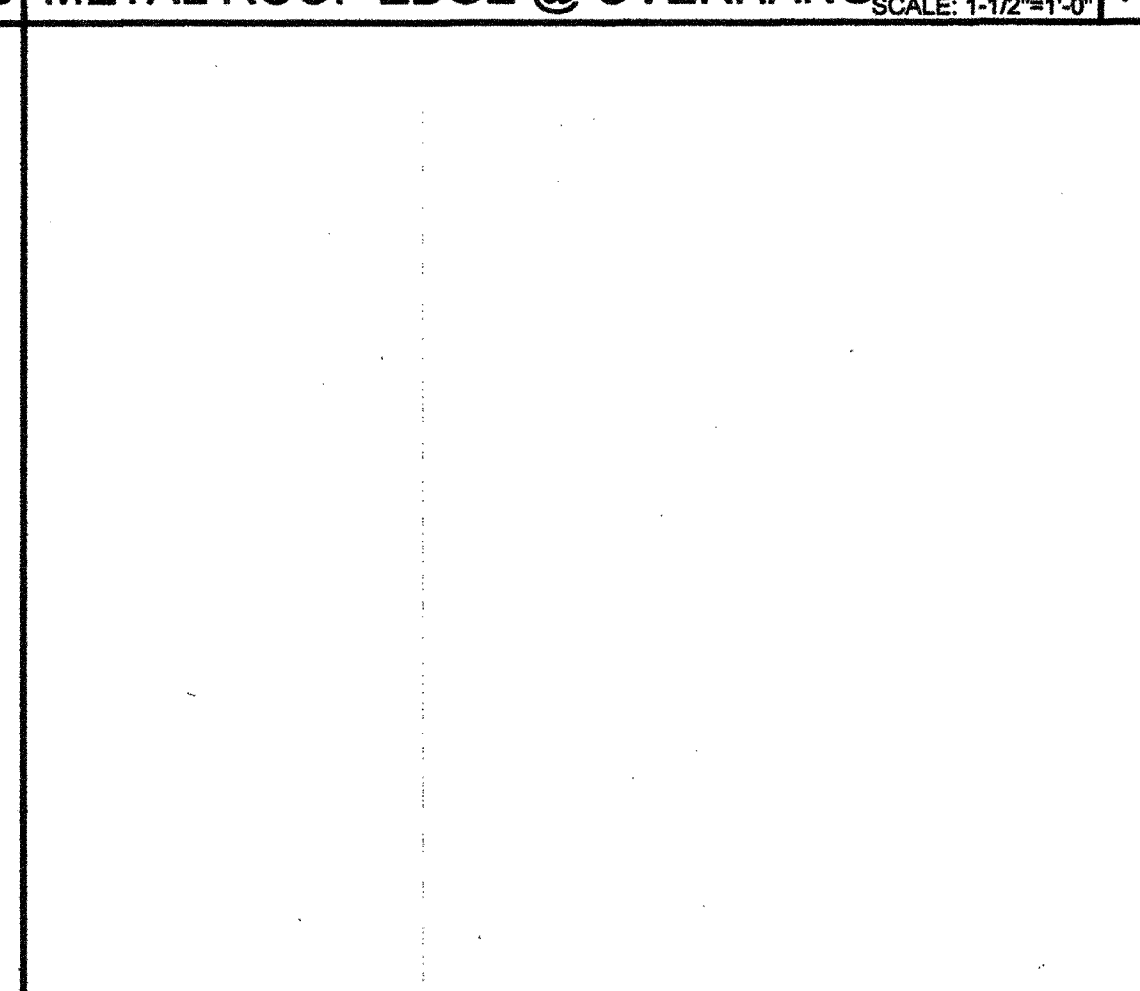
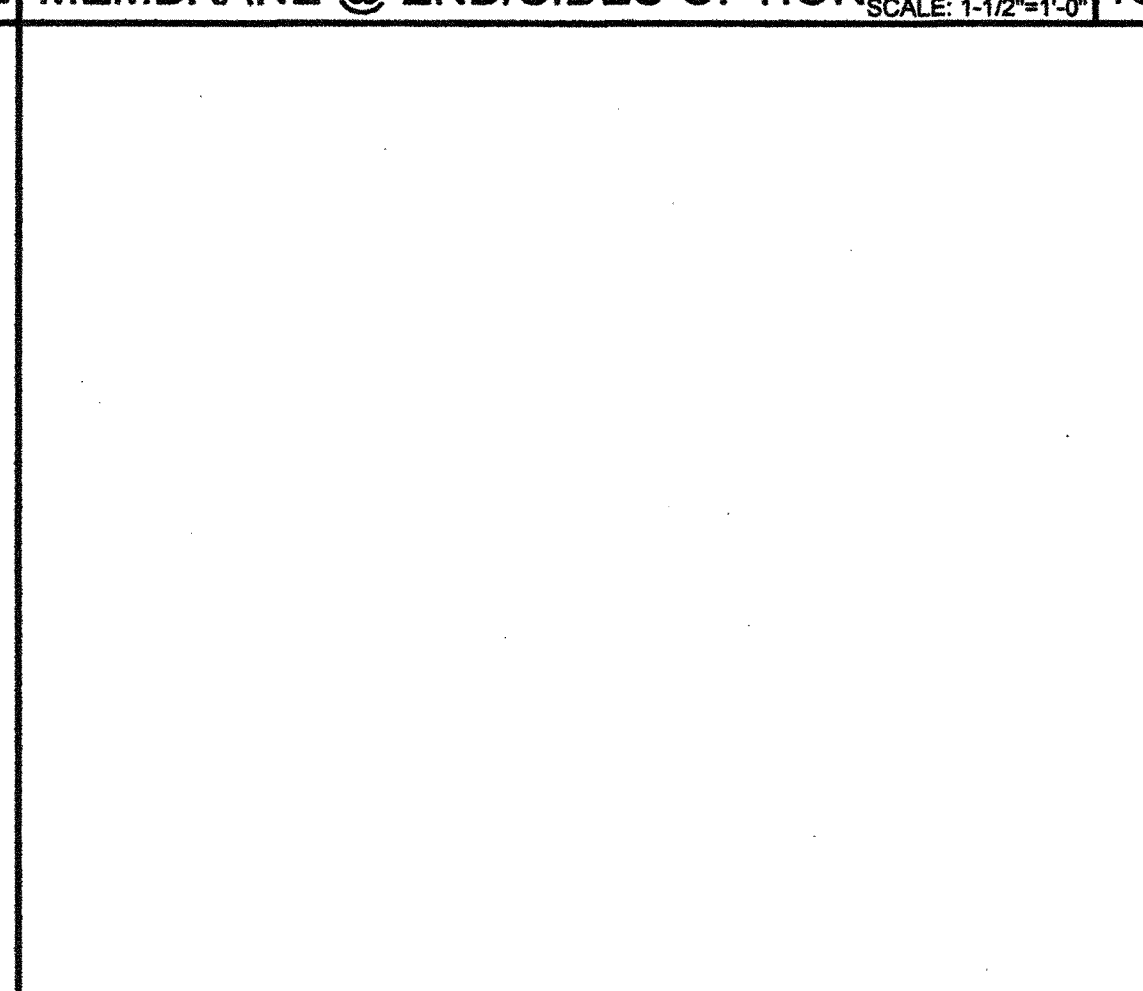
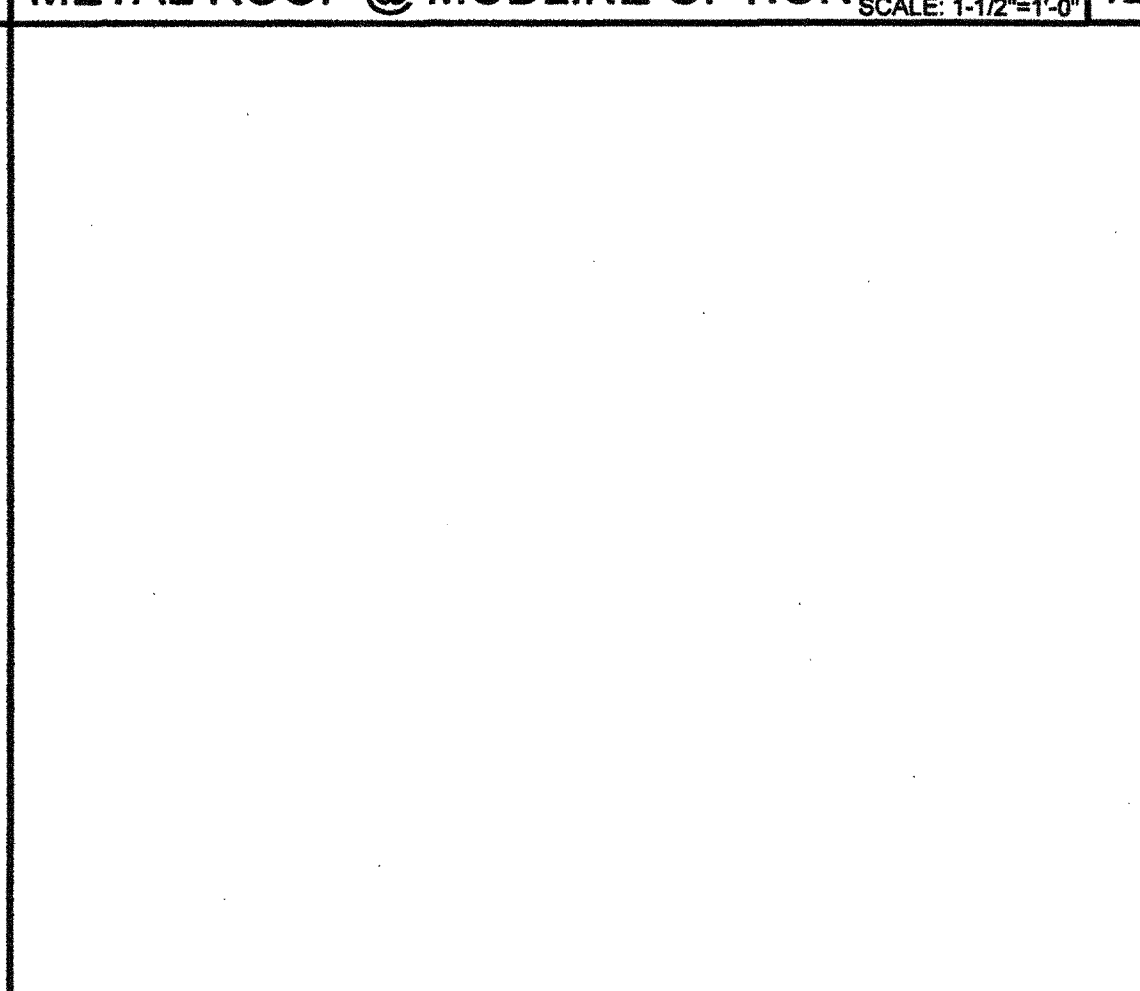
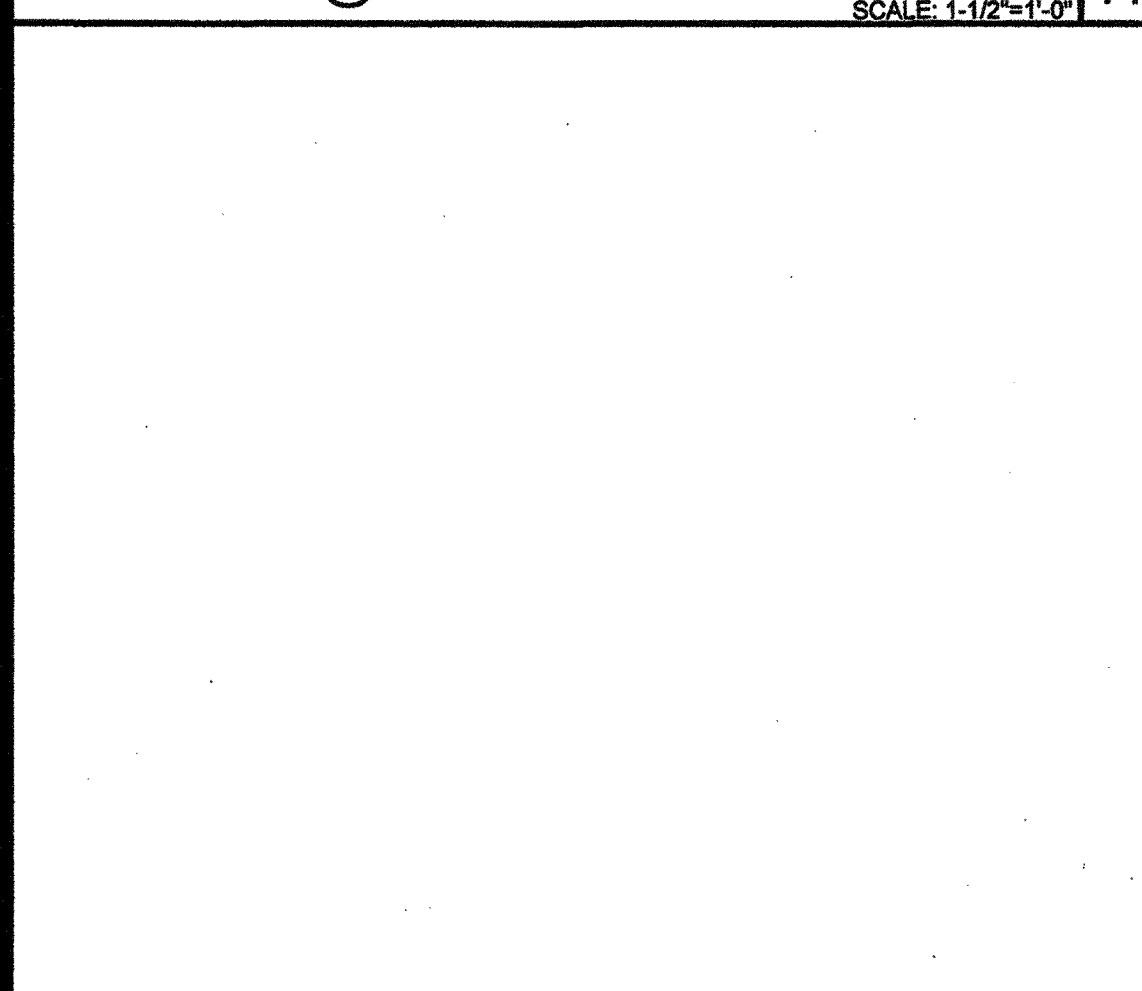
MEMBRANE @ MODLINE OPTION SCALE: 1 1/2"=1'-0" 11

METAL ROOF @ MODLINE OPTION SCALE: 1 1/2"=1'-0" 12

MEMBRANE @ END/SIDES OPTION SCALE: 1 1/2"=1'-0" 13

METAL ROOF EDGE @ OVERHANG SCALE: 1 1/2"=1'-0" 14

NOT USED 15



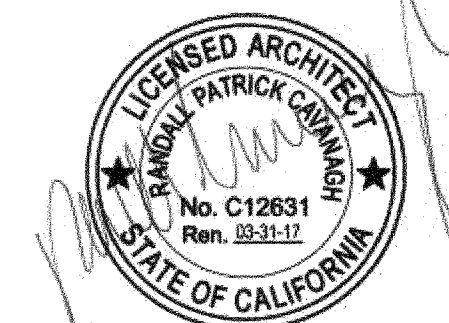
MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' BUILDING

SITE SPECIFIC PROJECT NAME
**SANTA CLARA COUNTY OF EDUCATION
SANTA TERESA ELEMENTARY**

SHEET TITLE
**INTERIOR ELEVATIONS
TYPICAL CLASSROOM**

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01-115705
DATE APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

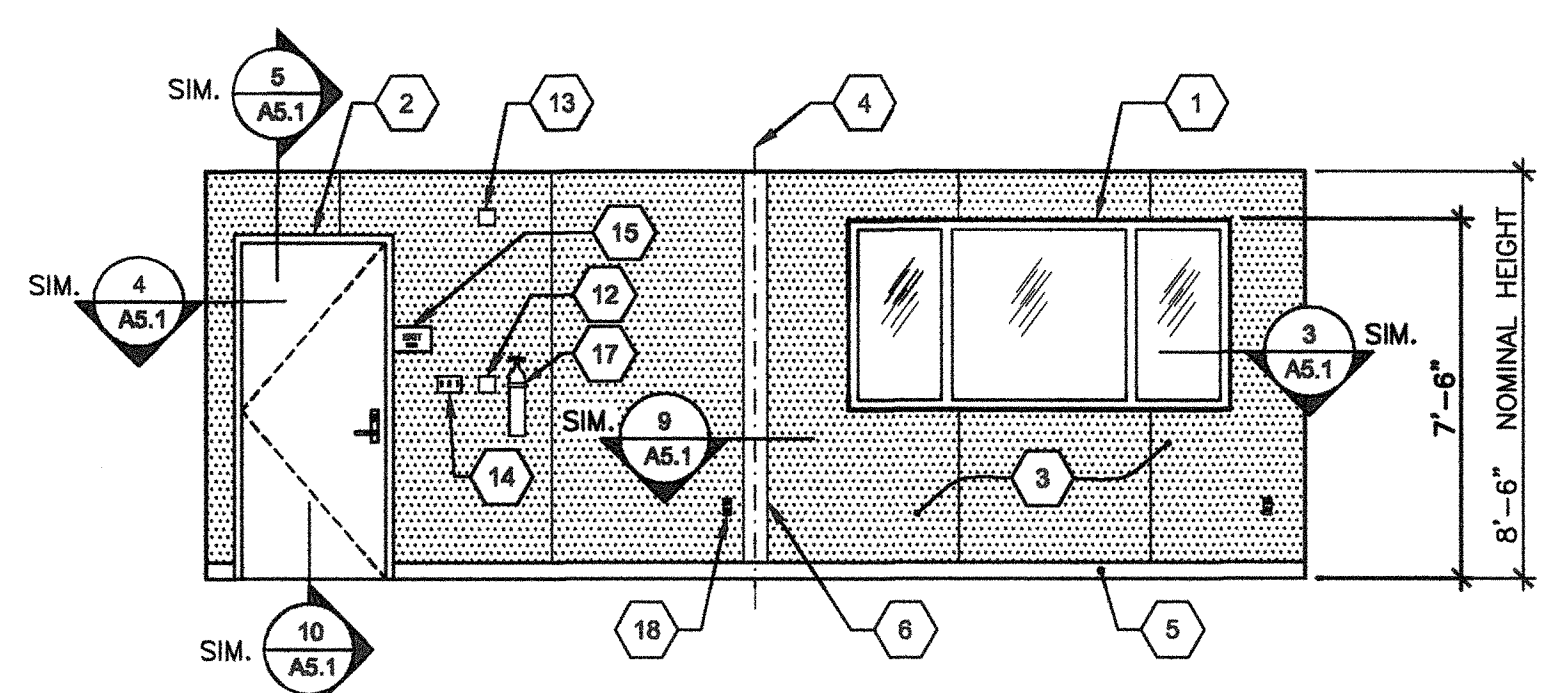
BASED ON PC# 02-113876
PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS
DRAWN BY: AB
SCALE: AS NOTED
DATE: 10/12/15
SHEET NUMBER

A4.0

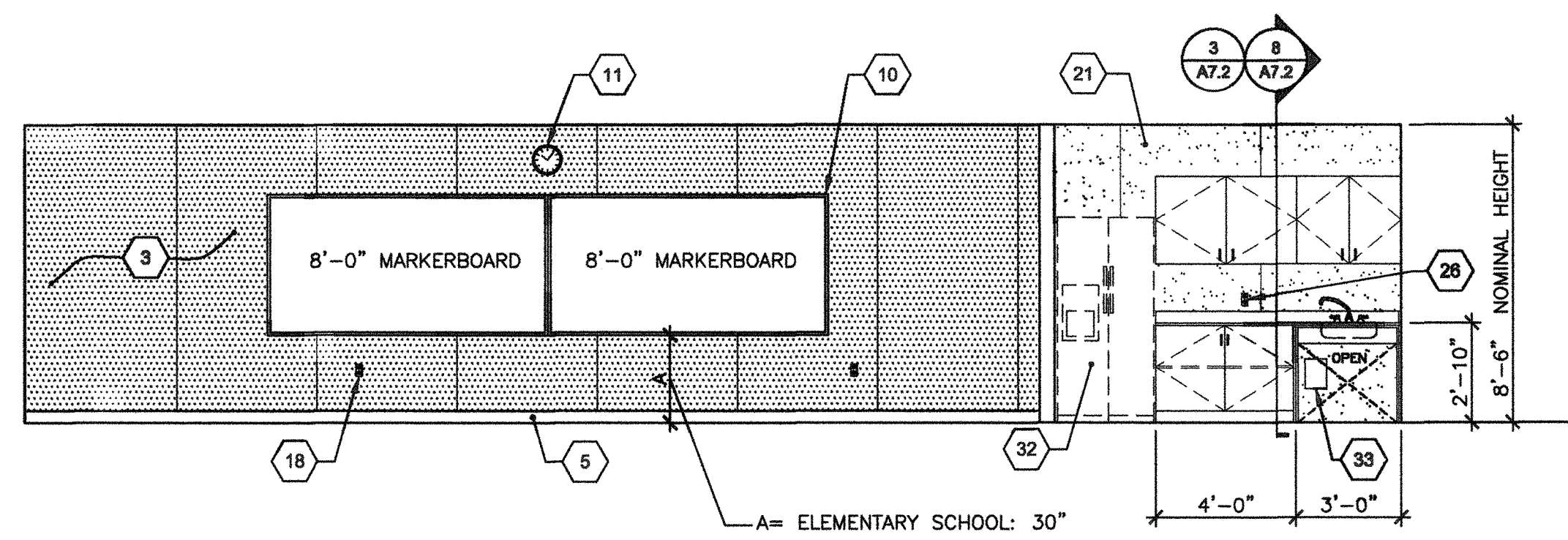
- 1 WINDOW, SEE SPEC'S
- 2 TYP. EXTERIOR DOOR
- 3 VINYL WRAPPED TACKABLE WALLS
- 4 TYP. MOD LINE
- 5 TOP SET BASE
- 6 FULL PANEL CLOSE-UP AT MOD-LINES, TYP.
- 7 NOT USED
- 8 ELECTRICAL PANEL - SEE ELECTRICAL SHEETS
- 9 NOT USED
- 10 (2) 8'x4' MARKER BOARDS - SEE DETAIL 8/A4.0
- 11 CLOCK
- 12 PULL STATION J-BOX 48" A.F.F. - SEE ELECTRICAL SHEETS
- 13 HORN/STROBE J-BOX - SEE ELECTRICAL SHEETS
- 14 LIGHT SWITCH - SEE ELECTRICAL SHEETS
- 15 EXIT TACTILE SIGN PER DETAIL 10/N4.0 (NIC)
- 16 THERMOSTAT, TOP @ 48" A.F.F. - SEE MECHANICAL SHEETS
- 17 FIRE EXTINGUISHER TOP OF HANDLE @ +48" MAX. A.F.F. PROTRUSION MAX 4" FROM WALL OR BOTTOM OF FIRE EXTINGUISHER LESS THAN +27" A.F.F.
- 18 TYP DUPLEX OUTLET - SEE ELECTRICAL SHEETS
- 19 NOT USED
- 20 NOT USED
- 21 F.R.P. (FIBER REINFORCED PLASTIC)
- 22 NOT USED
- 23 ACCESSIBLE TOILET
- 24 NOT USED
- 25 TOILET PAPER DISPENSER
- 26 TYP. GFCI OUTLET - SEE ELECTRICAL SHEETS
- 27 GRAB BAR - SEE 1/A7.2
- 28 TYP. MIRROR
- 29 ACCESSIBLE LAVATORY
- 30 TYP. INTERIOR DOOR
- 31 SELF COVE
- 32 REFRIGERATOR BY OTHERS
- 33 INSTA-HOT WATER HEATER

NOTE: FOR ACCESSIBLE FIXTURES & ACCESSORIES MOUNTING HEIGHT REQUIREMENTS (PER CBC CHAPTER 11B), SEE SHEET P2.0, DETAIL 7.



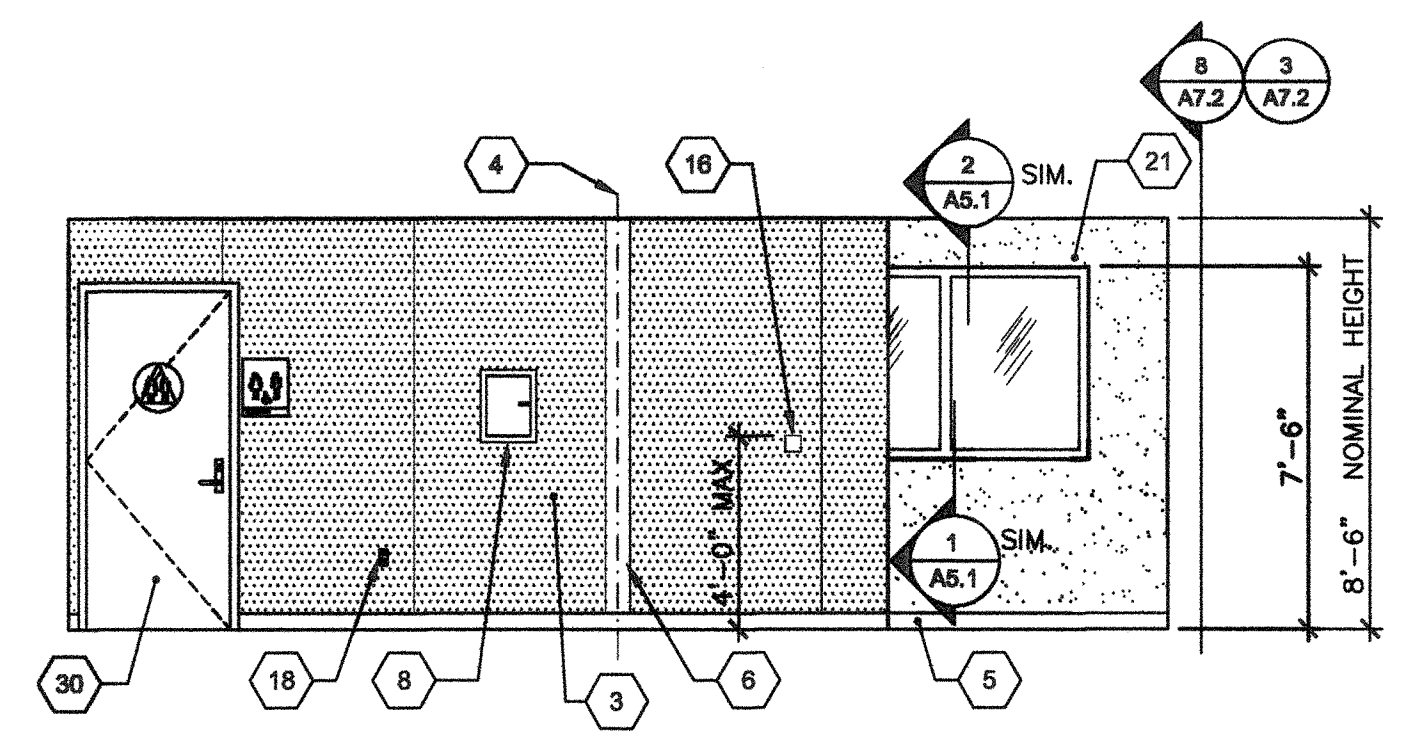
NOTE: WINDOW @ 7'-6" TO TOP

TYPICAL CLASSROOM FRONT END WALL ELEVATION SCALE: 1/4"=1'-0" 1



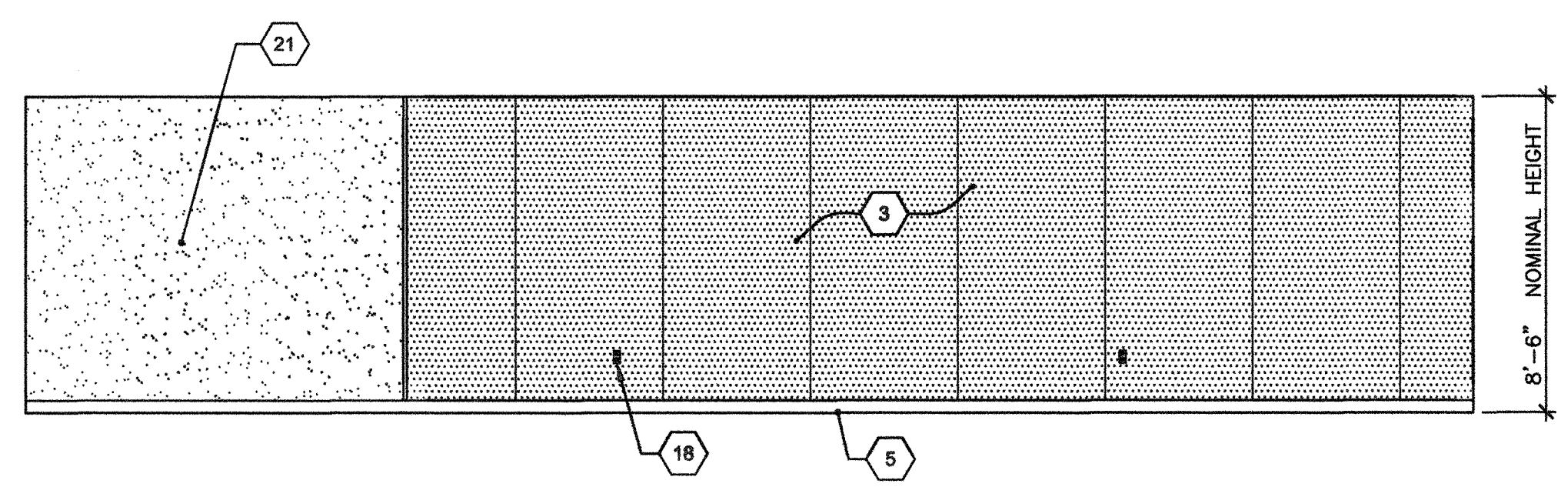
A= ELEMENTARY SCHOOL: 30"

TYPICAL CLASSROOM SIDE WALL ELEVATION SCALE: 1/4"=1'-0" 2

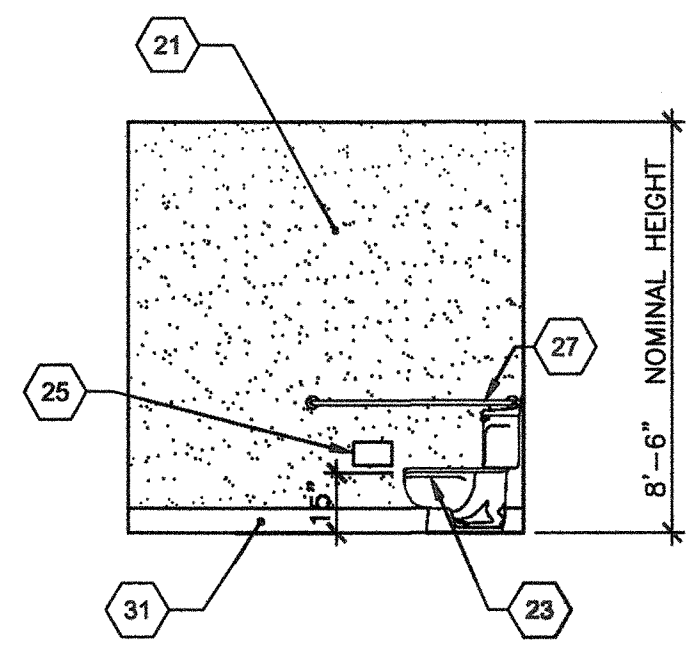


NOTE: WINDOW @ 7'-6" TO TOP

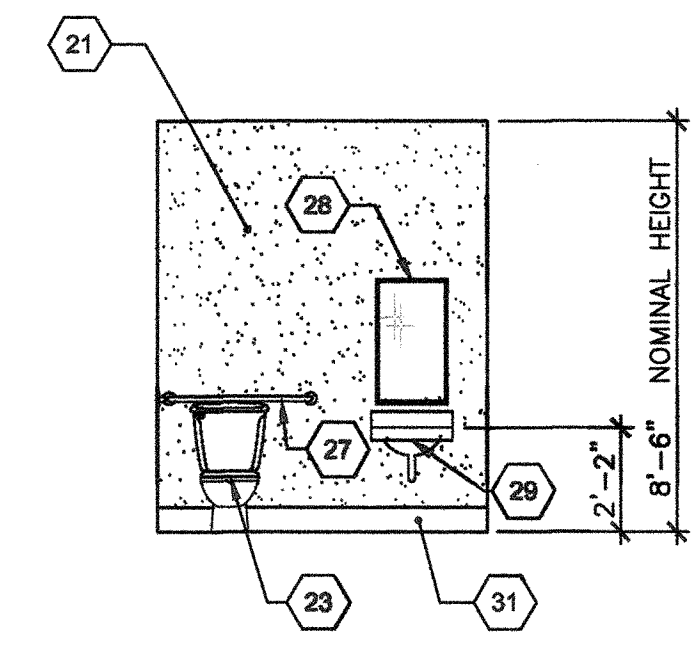
TYPICAL CLASSROOM REAR END WALL ELEVATION SCALE: 1/4"=1'-0" 3



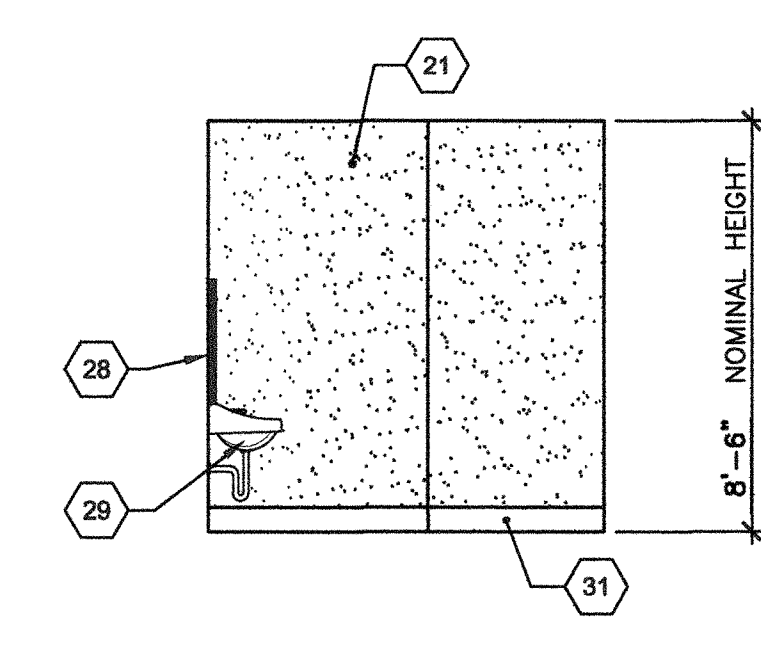
TYPICAL CLASSROOM SIDE WALL ELEVATION SCALE: 1/4"=1'-0" 4



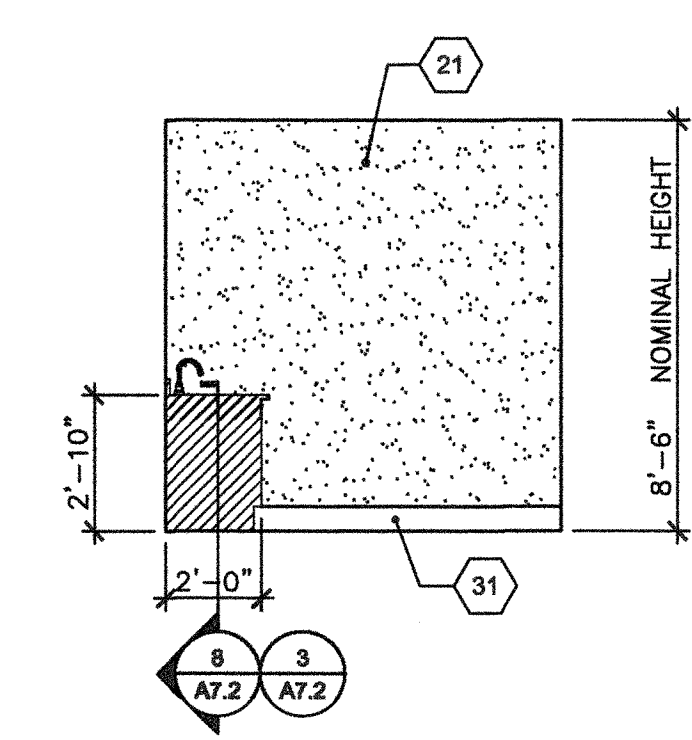
RESTROOM SIDE ELEVATION SCALE: 1/4"=1'-0" 5



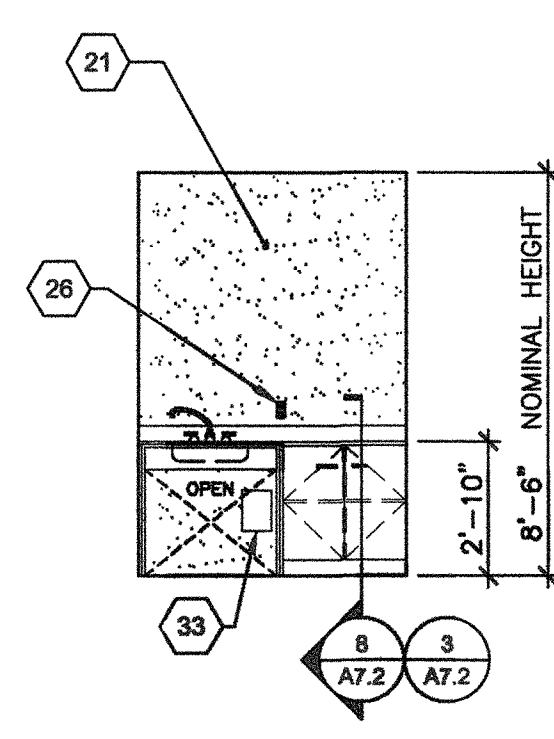
RESTROOM REAR ELEVATION SCALE: 1/4"=1'-0" 6



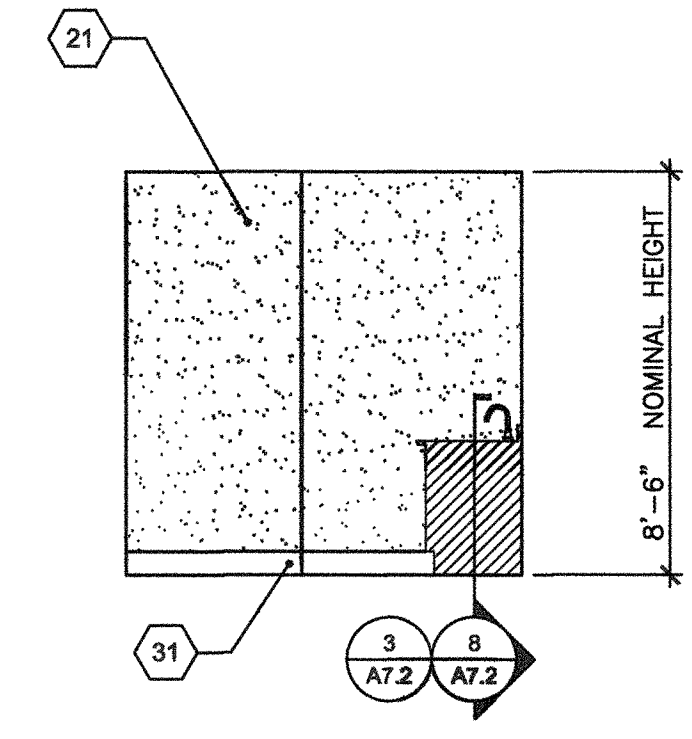
RESTROOM SIDE ELEVATION SCALE: 1/4"=1'-0" 7



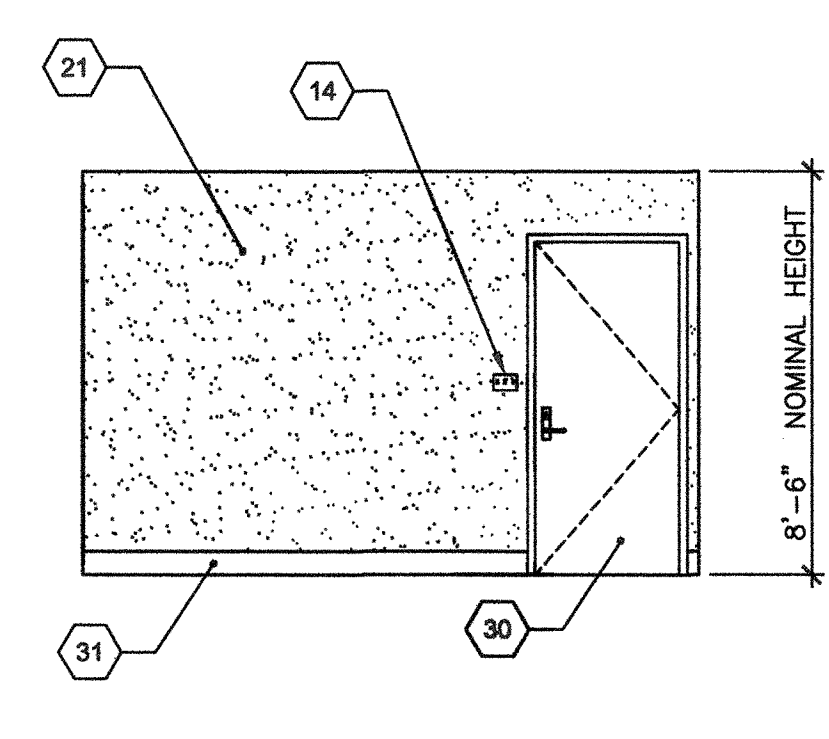
RESTROOM SIDE ELEVATION SCALE: 1/4"=1'-0" 8



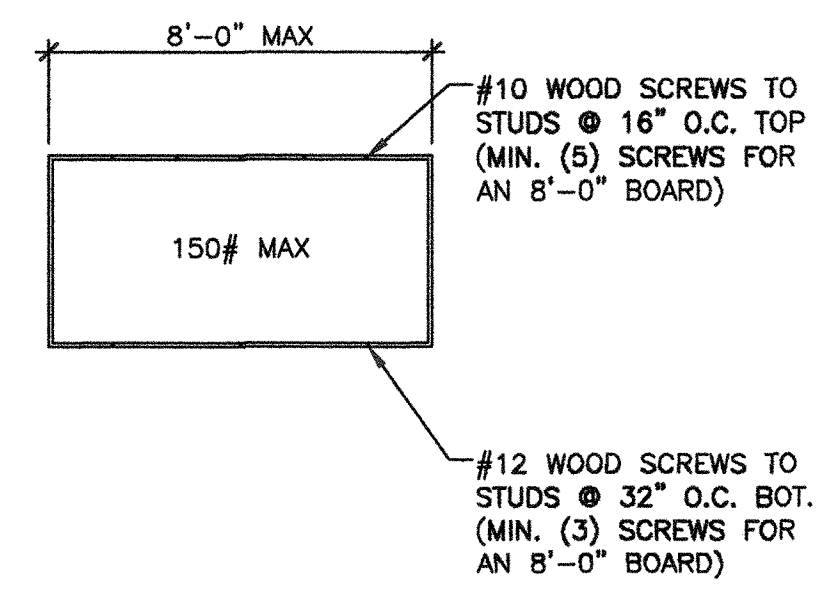
RESTROOM REAR ELEVATION SCALE: 1/4"=1'-0" 9



RESTROOM SIDE ELEVATION SCALE: 1/4"=1'-0" 10



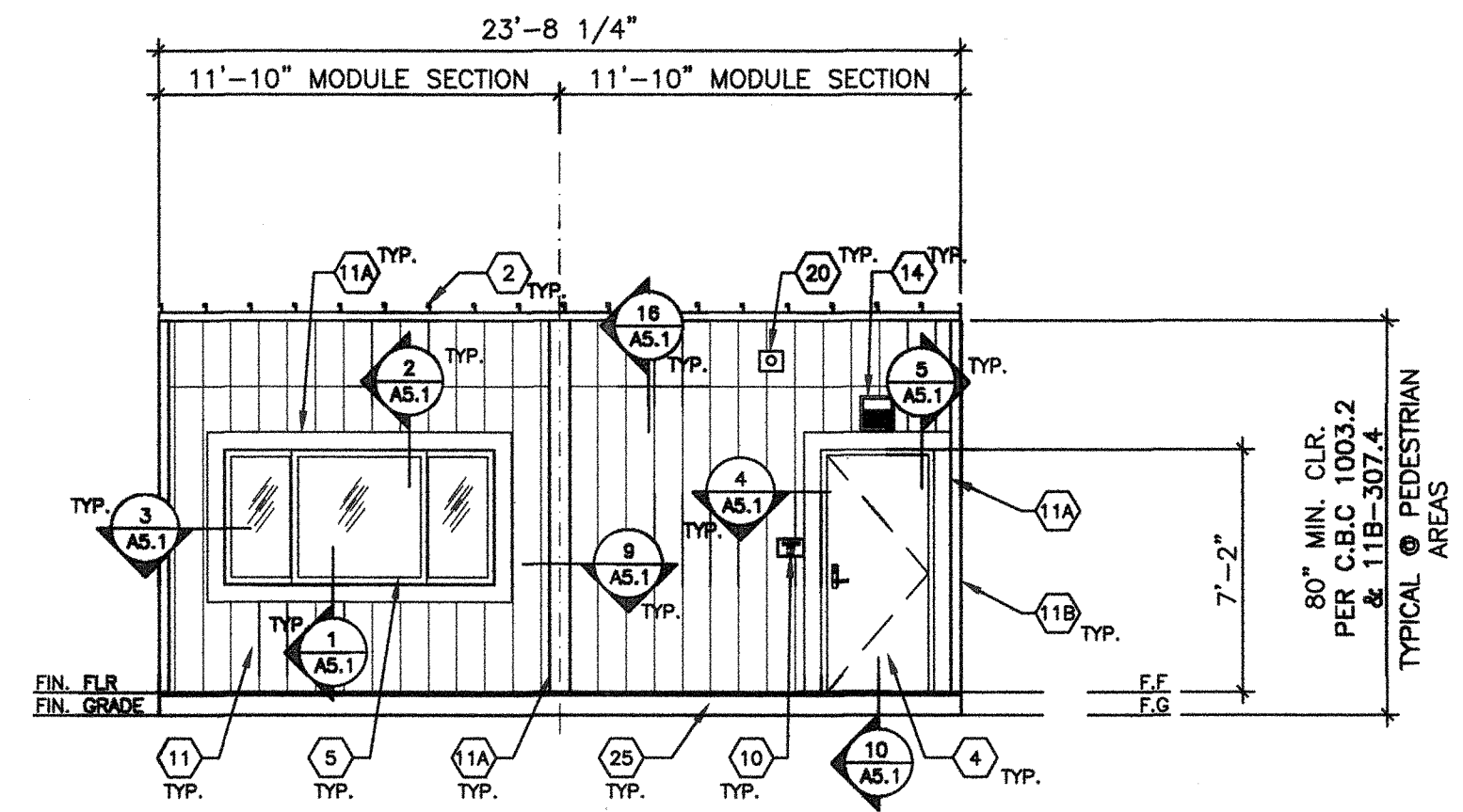
RESTROOM FRONT ELEVATION SCALE: 1/4"=1'-0" 11



NOTE: ATTACHMENT IS FOR EACH MAKERBOARD

MARKERBOARD ATT. DETAIL SCALE: 1/4"=1'-0" 12

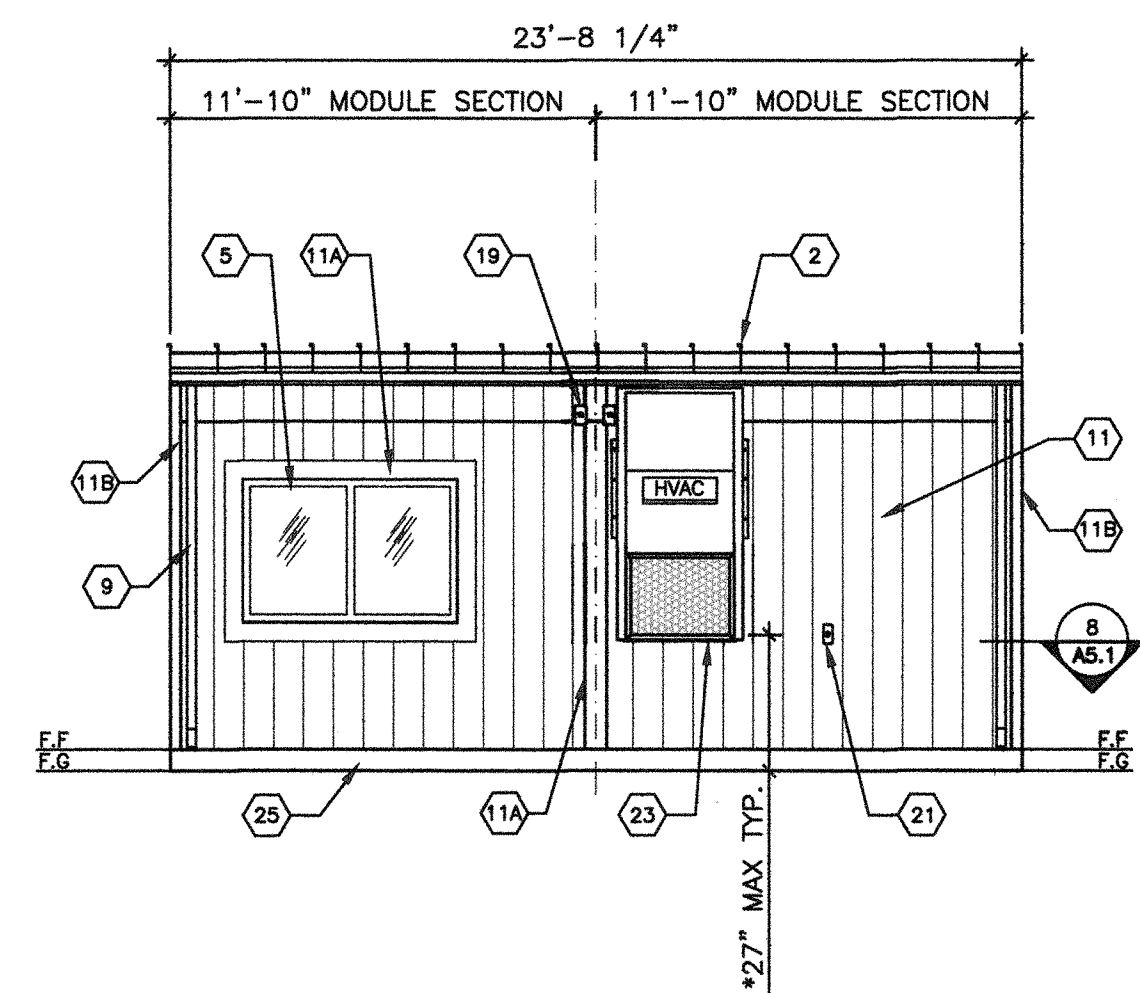
KEY NOTES



EXTERIOR ELEVATION - FRONT

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

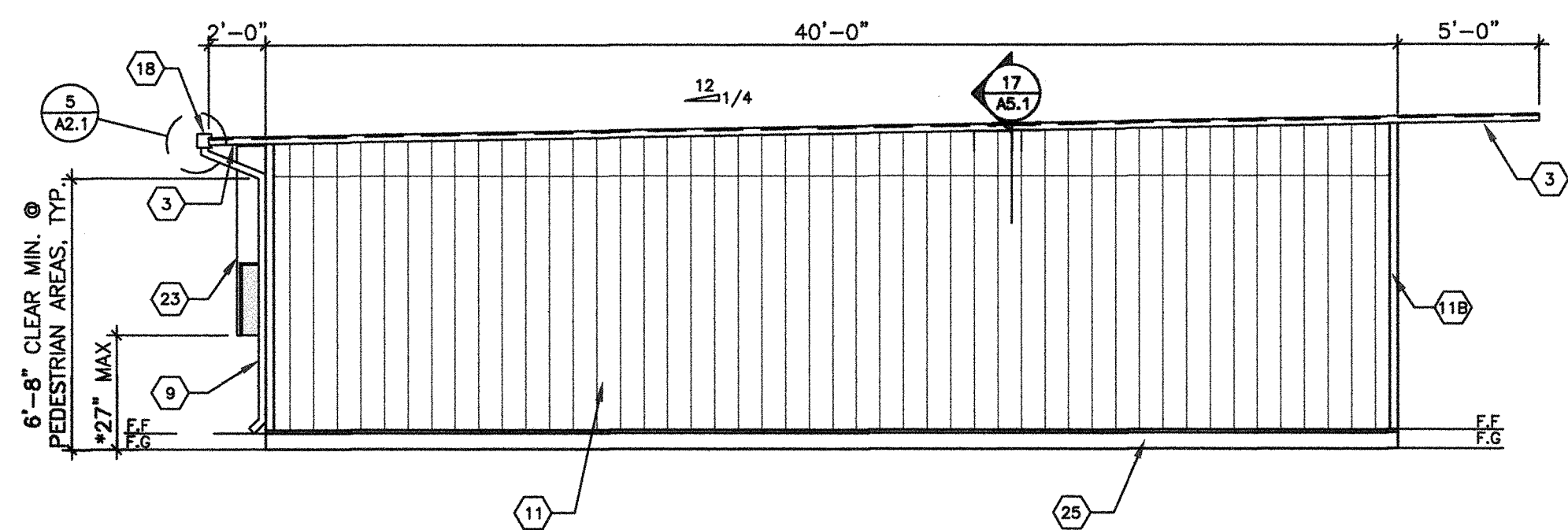
1



EXTERIOR ELEVATION - REAR

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

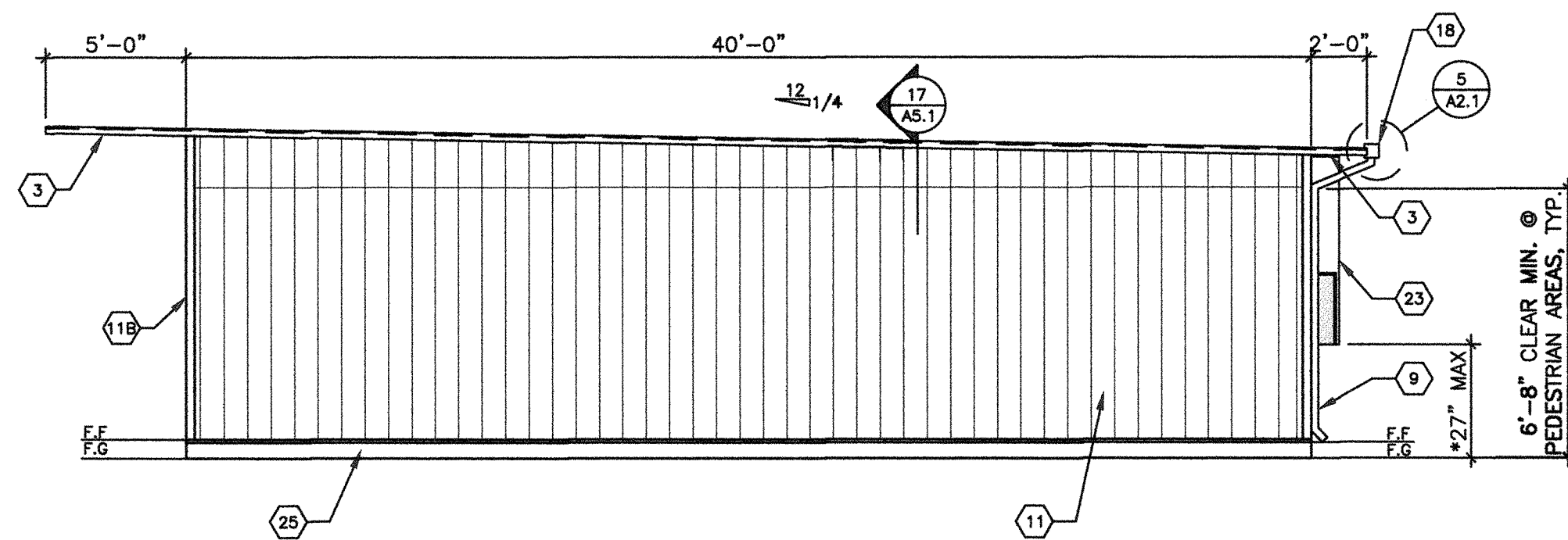
2



EXTERIOR ELEVATION - LEFT

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

3



EXTERIOR ELEVATION - RIGHT

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

4

- 1 NOT USED
- 2 STANDING SEAM METAL ROOFING
- 3 OVERHANG - SEE STRUCTURAL
- 4 TYP. EXTERIOR DOOR - SEE SCHEDULE
- 5 WINDOW - SEE SCHEDULE
- 6 NOT USED
- 7 NOT USED
- 8 NOT USED
- 9 DOWNSPOUT SEE DETAIL 6/A2.1 FOR ATTACHMENT
- 10 ROOM ID AND ISA SIGNAGE (BY OTHER) SEE DETAILS 5 & 9/N4.0 - TYP.
- 11 5/8" OSB SHEATHING 303
- 11A 1x4 TRIM
- 11B 22 GA. CORNER FLASHING
- 12 NOT USED
- 13 NOT USED
- 14 EXTERIOR LIGHT - SEE ELECTRICAL
- 15 NOT USED
- 16 NOT USED
- 17 NOT USED
- 18 GUTTER - SEE DETAIL 5/A2.1
- 19 MODULAR IDENTIFICATION TAG +90° ABOVE A.F.F.
- 20 FIRE ALARM HORN - REFER TO ELECTRICAL PLANS
- 21 WP/GFCI @ HVAC UNITS - REFER TO ELECTRICAL PLANS
- 22 NOT USED
- 23 HVAC UNIT
- 24 NOT USED
- 25 SHEET METAL FLASHING PAINTED BODY COLOR
- 26 NOT USED
- 27 NOT USED

NOTE:
FOR OPTIONAL RAMP, SEE DETAIL 2/A1.0



MODULAR MANUFACTURER PROPRIETARY STATEMENT
 THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' BUILDING

SITE SPECIFIC PROJECT NAME
**SANTA CLARA COUNTY OF
 EDUCATION
 SANTA TERESA ELEMENTARY**

SHEET TITLE
**TYPICAL EXTERIOR
 ELEVATIONS
 DURATEMP 303 OPTION**

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APPL 01-115705
 ACS _____ FLS _____ SSS _____
 DATE APR 04 2016

ORIGINAL PC STATE AGENCY APPROVAL

BASED ON PC# 02-113876
 PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS

DRAWN BY: AB
 SCALE: AS NOTED
 DATE: 10/12/15
 SHEET NUMBER

A5.0

KEYNOTES

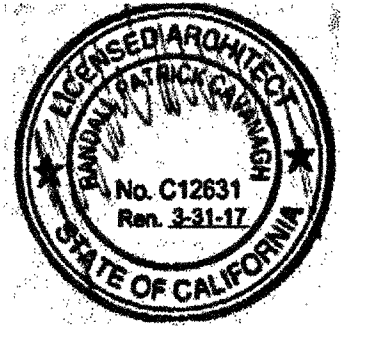
MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
**TYP. ARCHITECTURAL DETAILS
DURATEMP 303 OPTION**

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
CA. DEPT. OF GENERAL SERVICES
APPL 01-115705
ACS: [Signature] DATE: APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CA. DEPT. OF GENERAL SERVICES
PC 02-113876
ACS: [Signature] DATE: 6/22/15

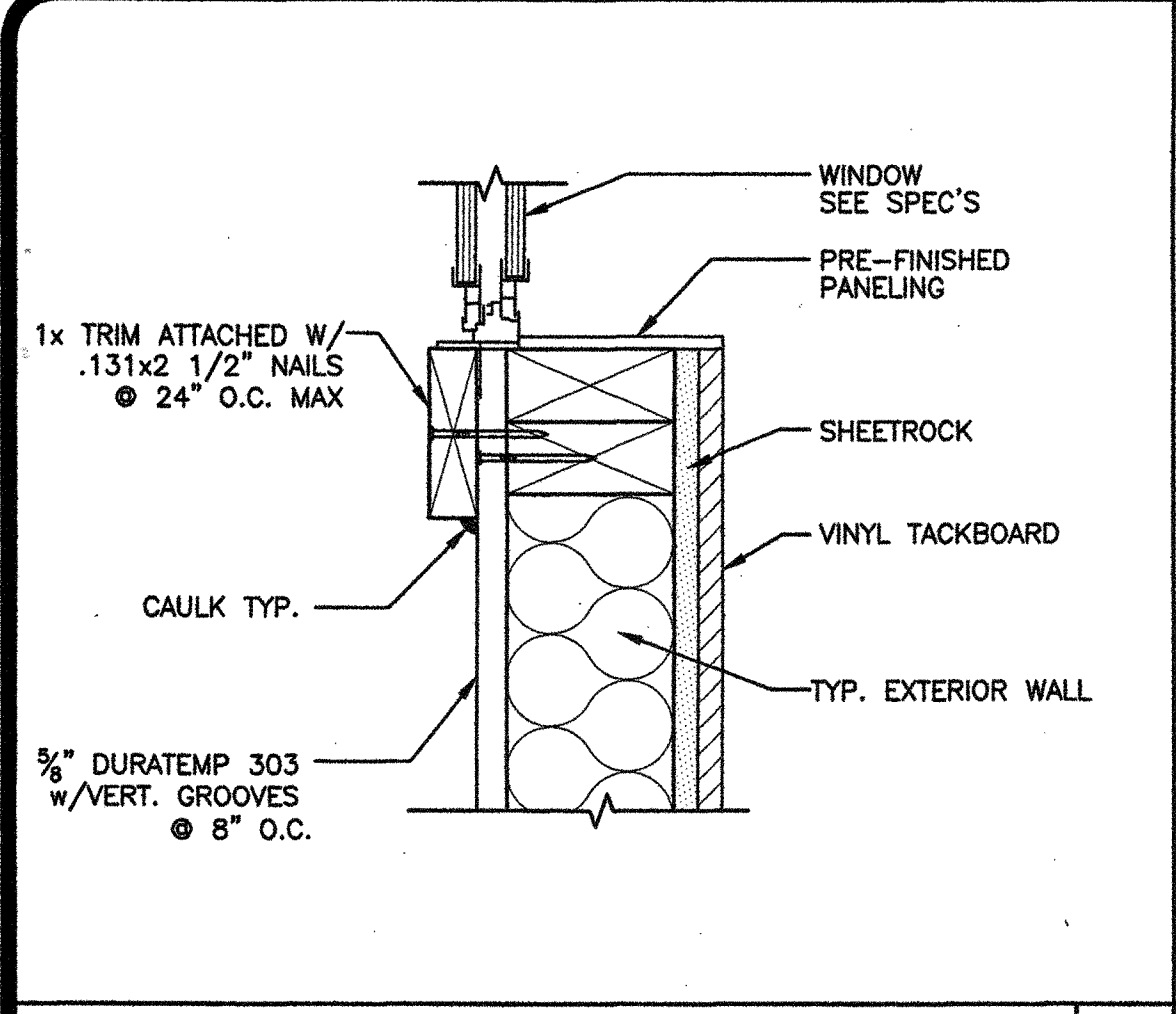
PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS

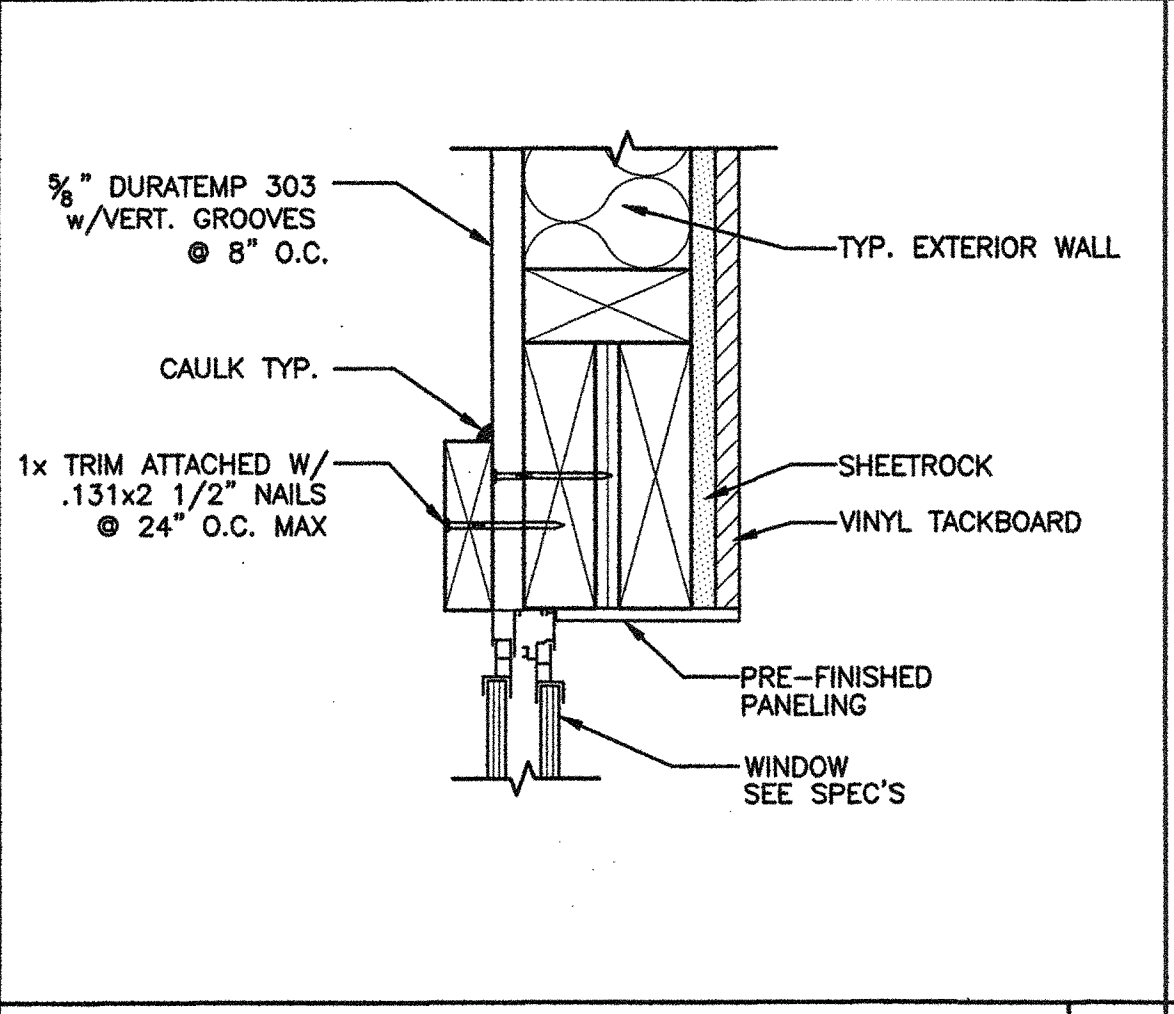
DRAWN BY:
SCALE: AS NOTED
DATE:

SHEET NUMBER

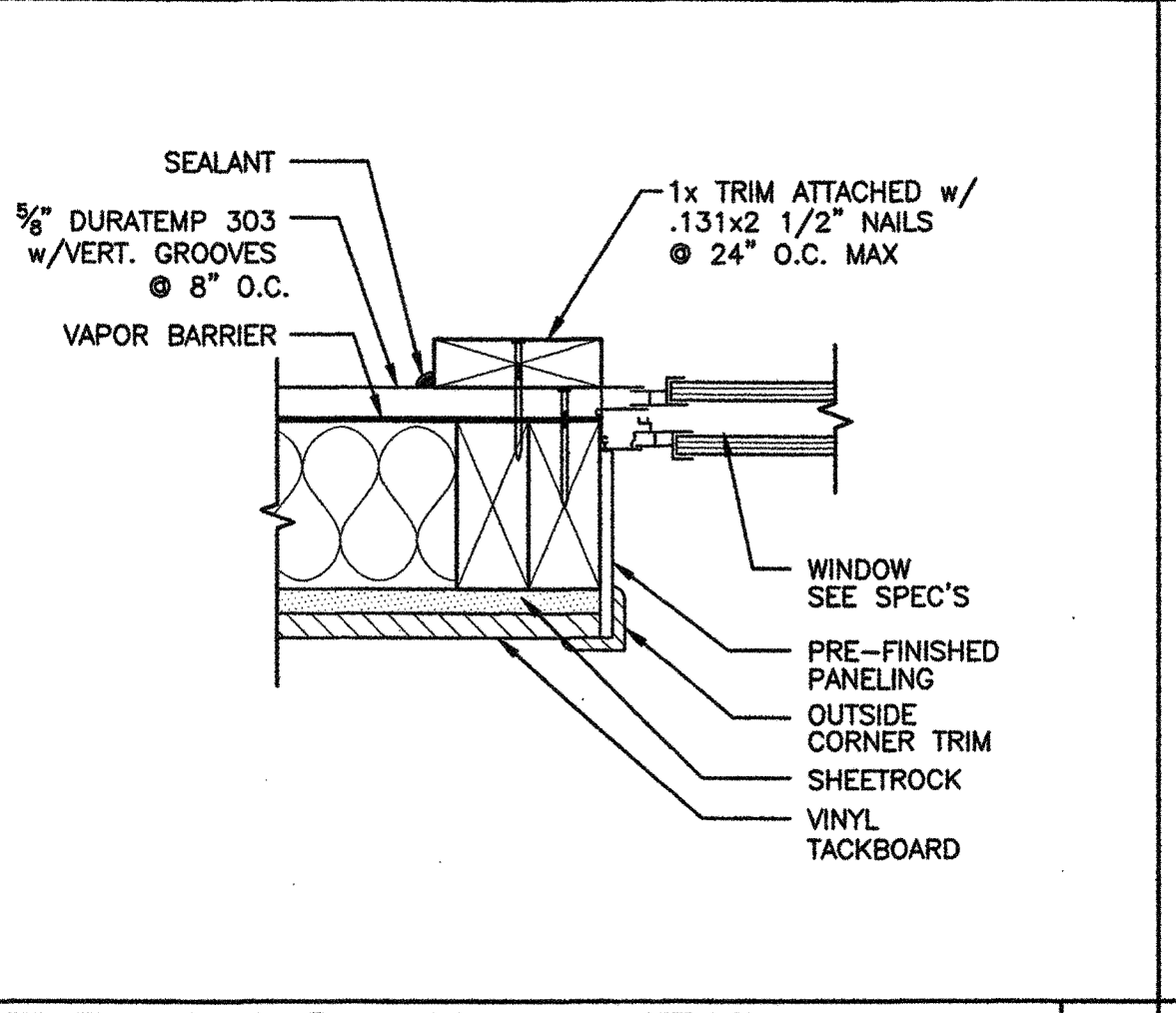
A5.1



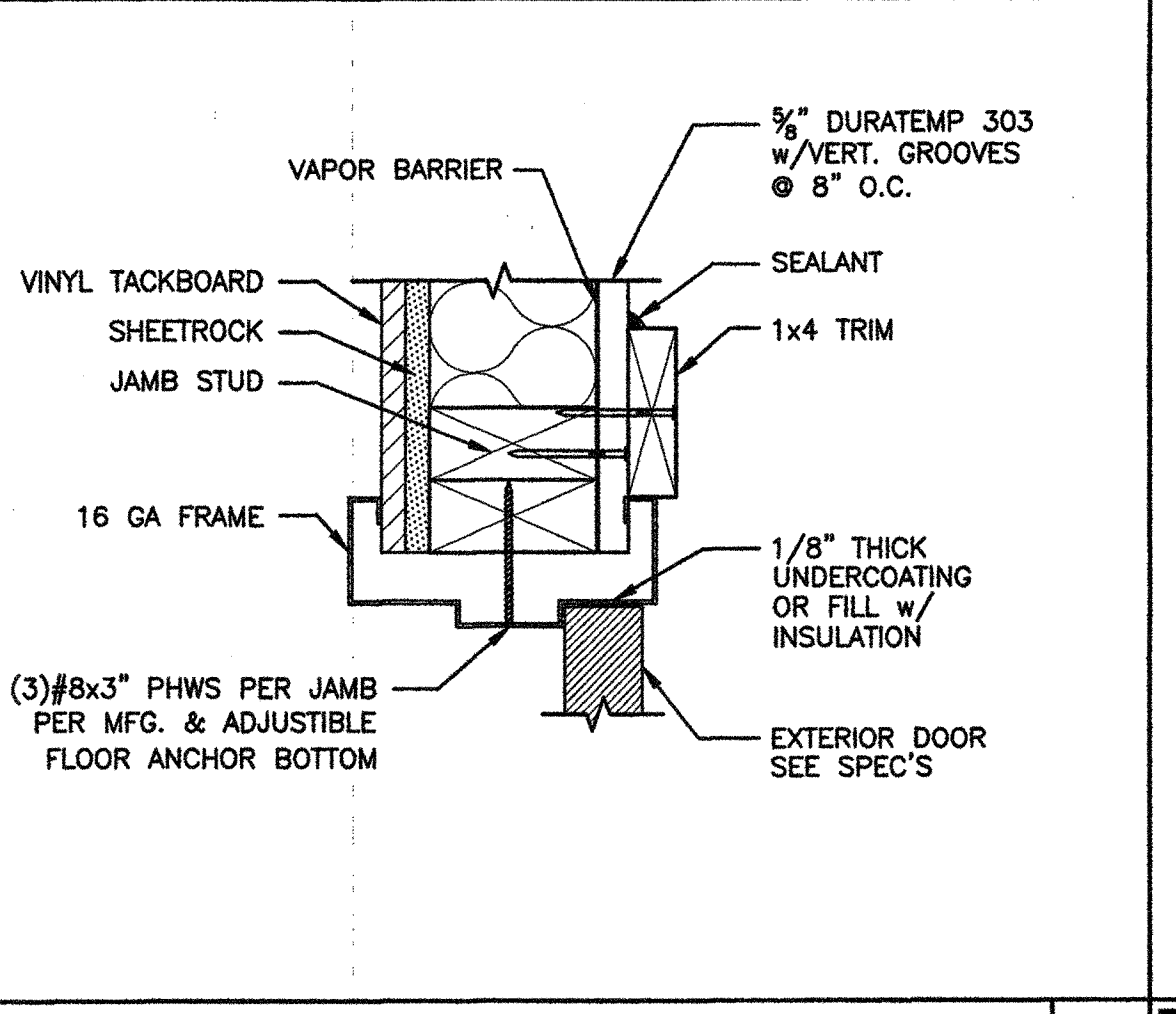
TYP. WINDOW SILL DETAIL SCALE: 3\"/>



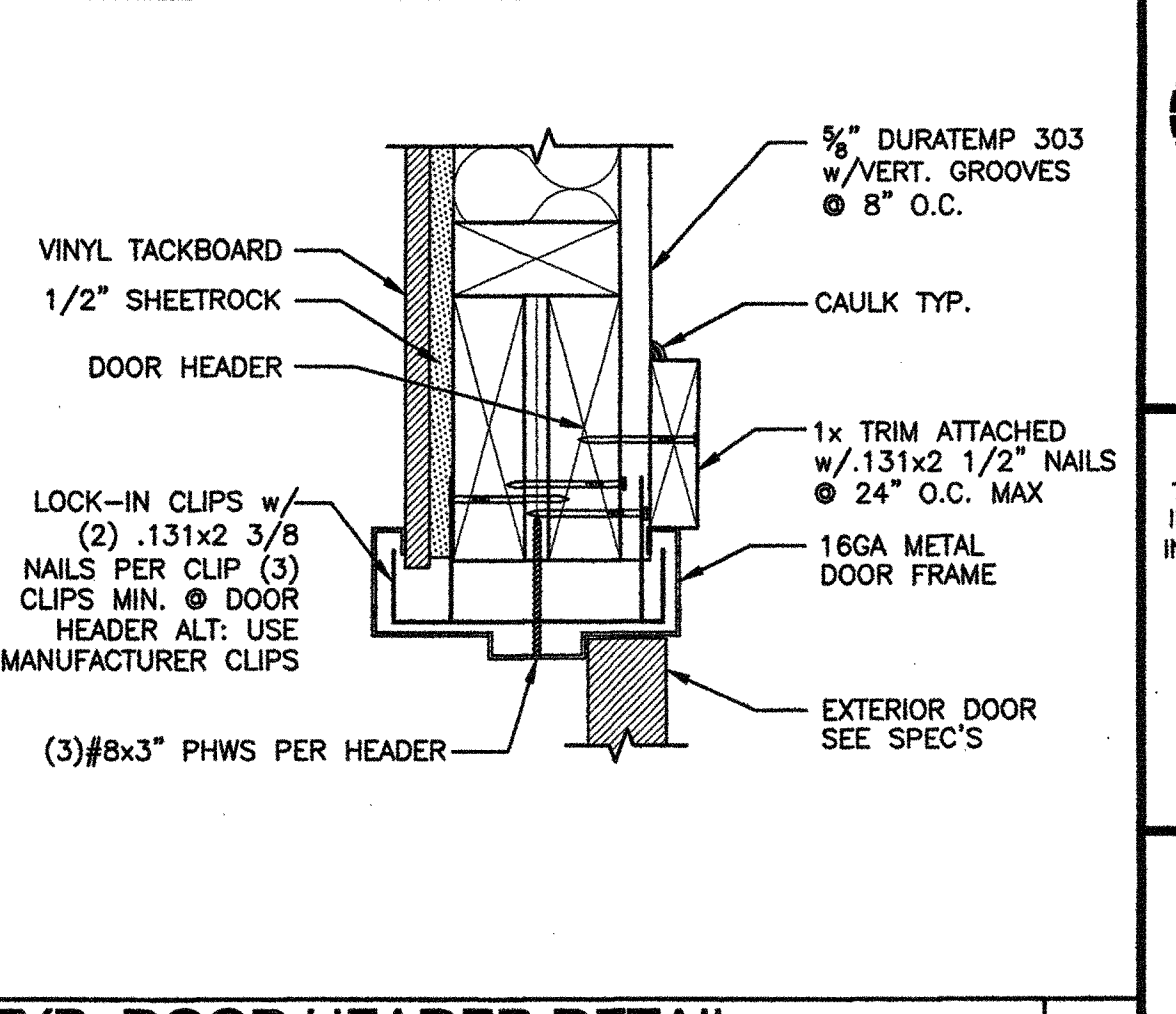
TYP. WINDOW HEADER DETAIL SCALE: 3\"/>



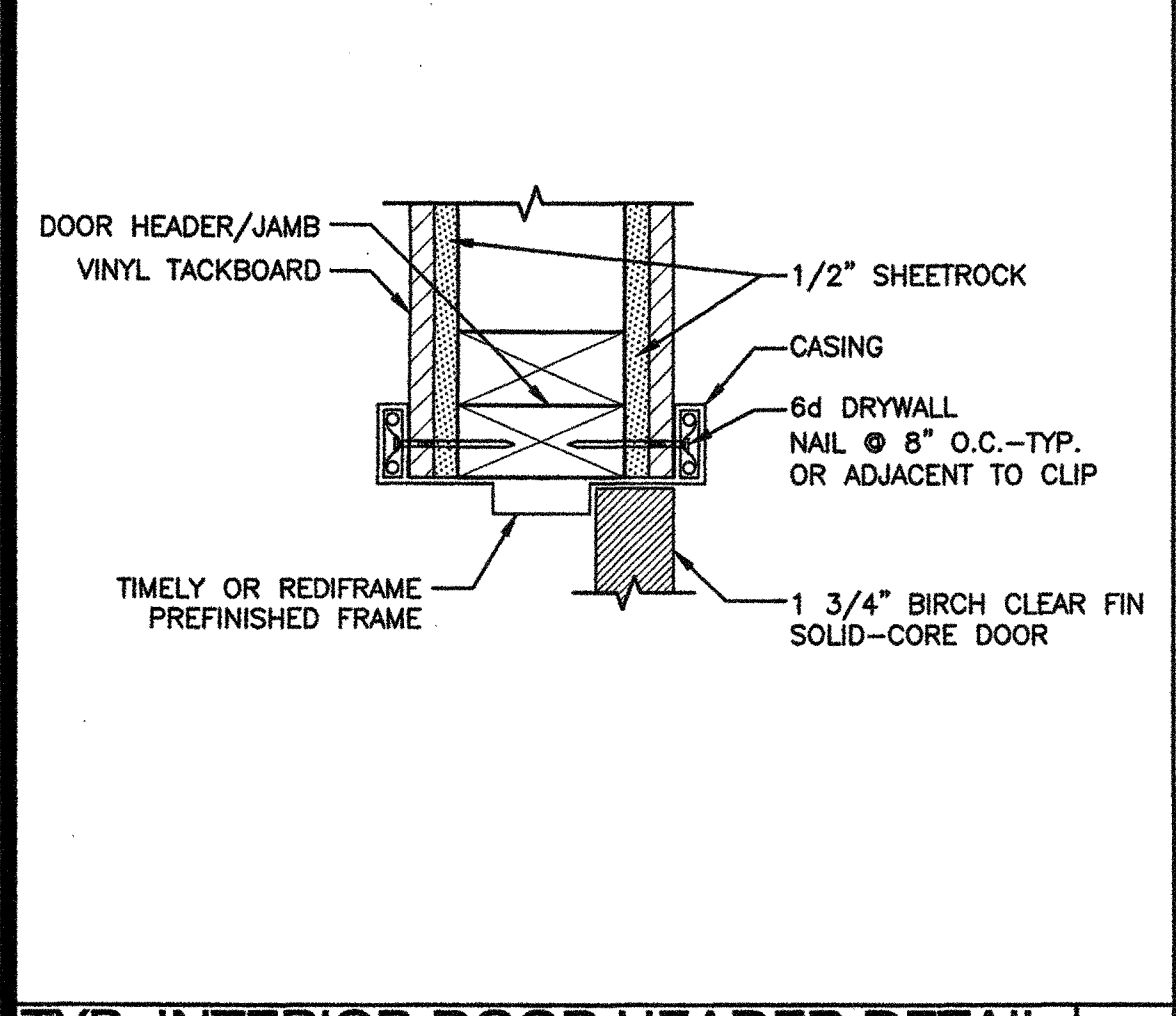
TYP. WINDOW JAMB DETAIL SCALE: 3\"/>



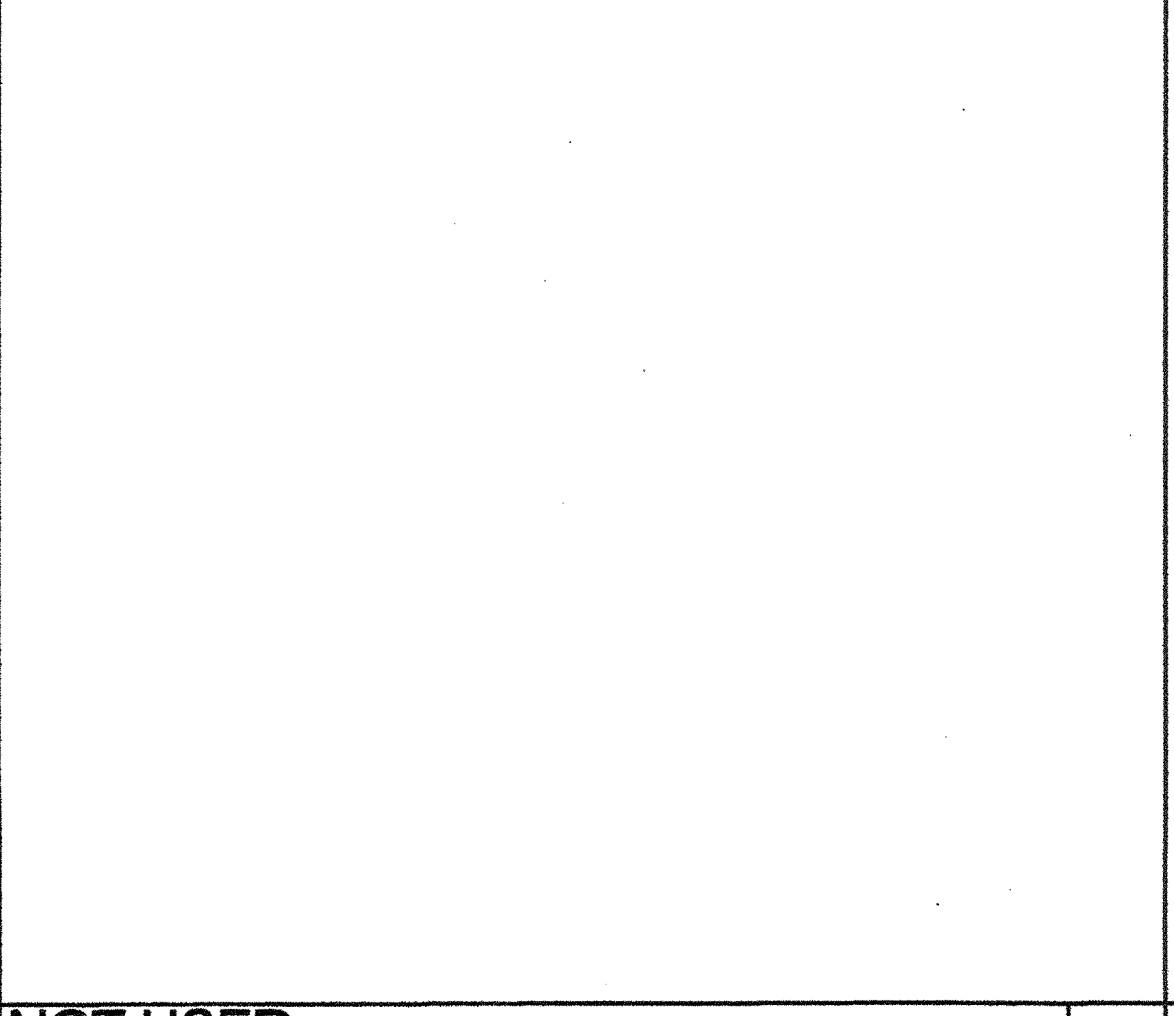
TYP. DOOR JAMB DETAIL SCALE: 3\"/>



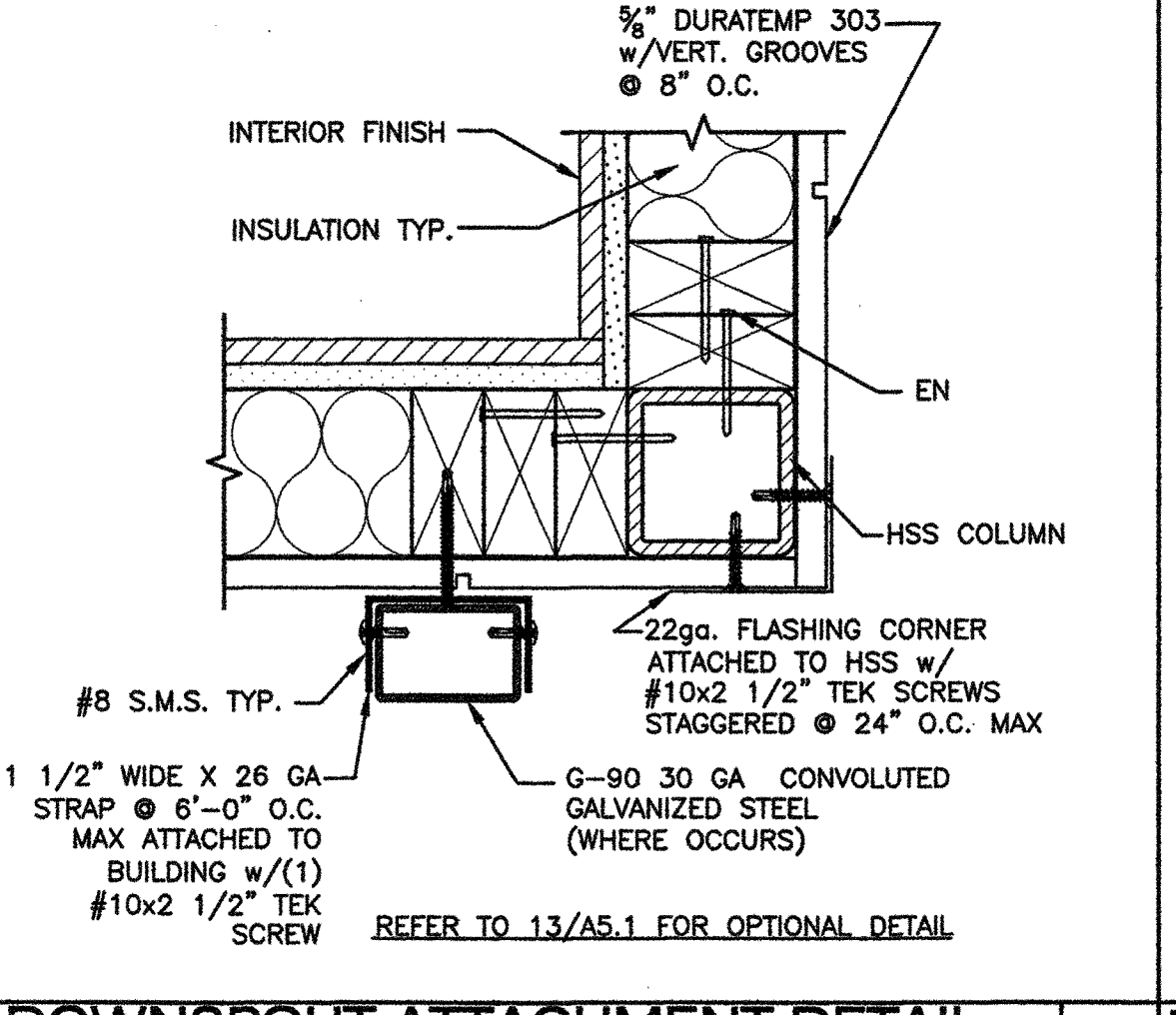
TYP. DOOR HEADER DETAIL SCALE: 3\"/>



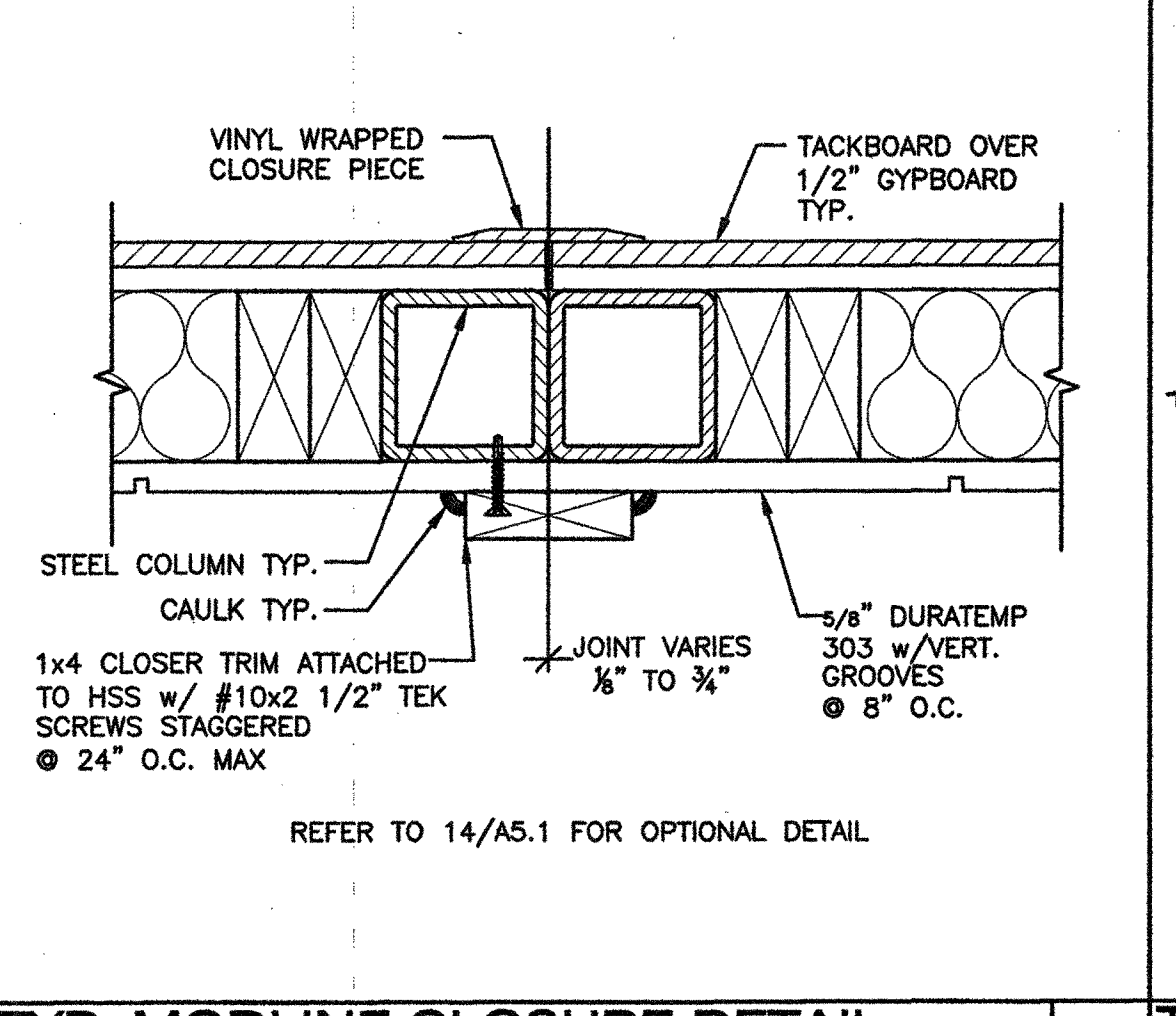
TYP. INTERIOR DOOR HEADER DETAIL SCALE: 3\"/>



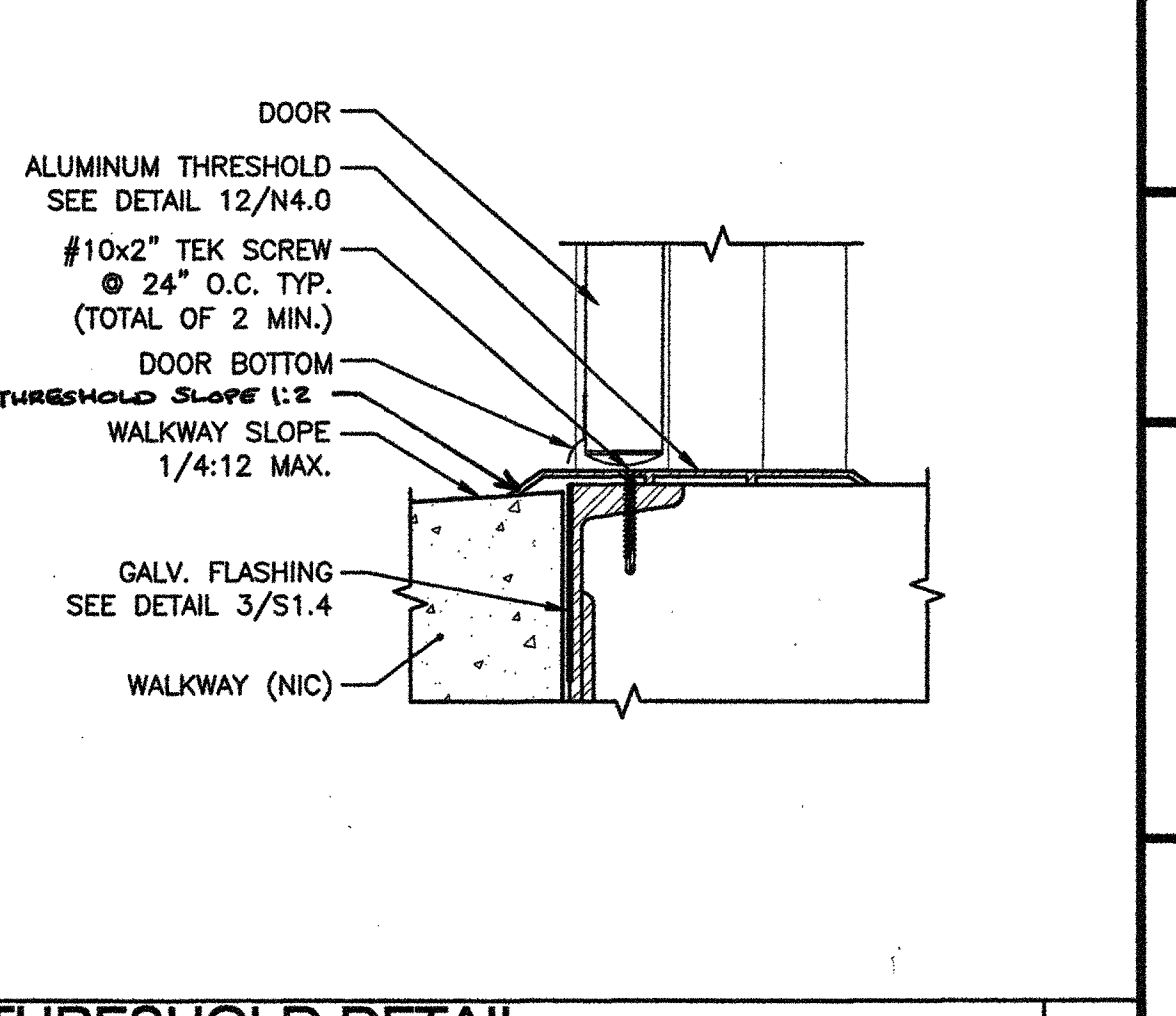
NOT USED



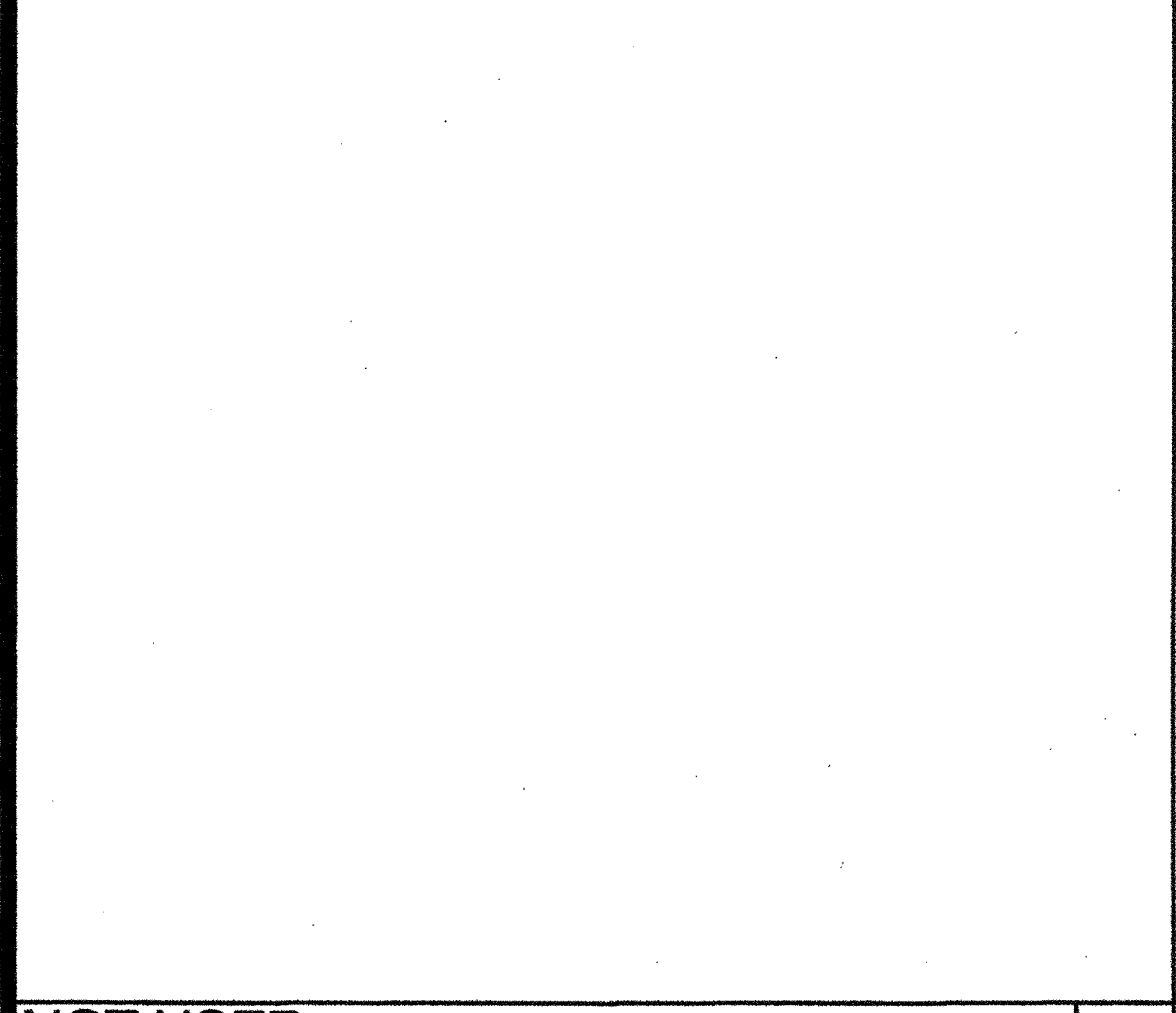
DOWNSPOUT ATTACHMENT DETAIL SCALE: 3\"/>



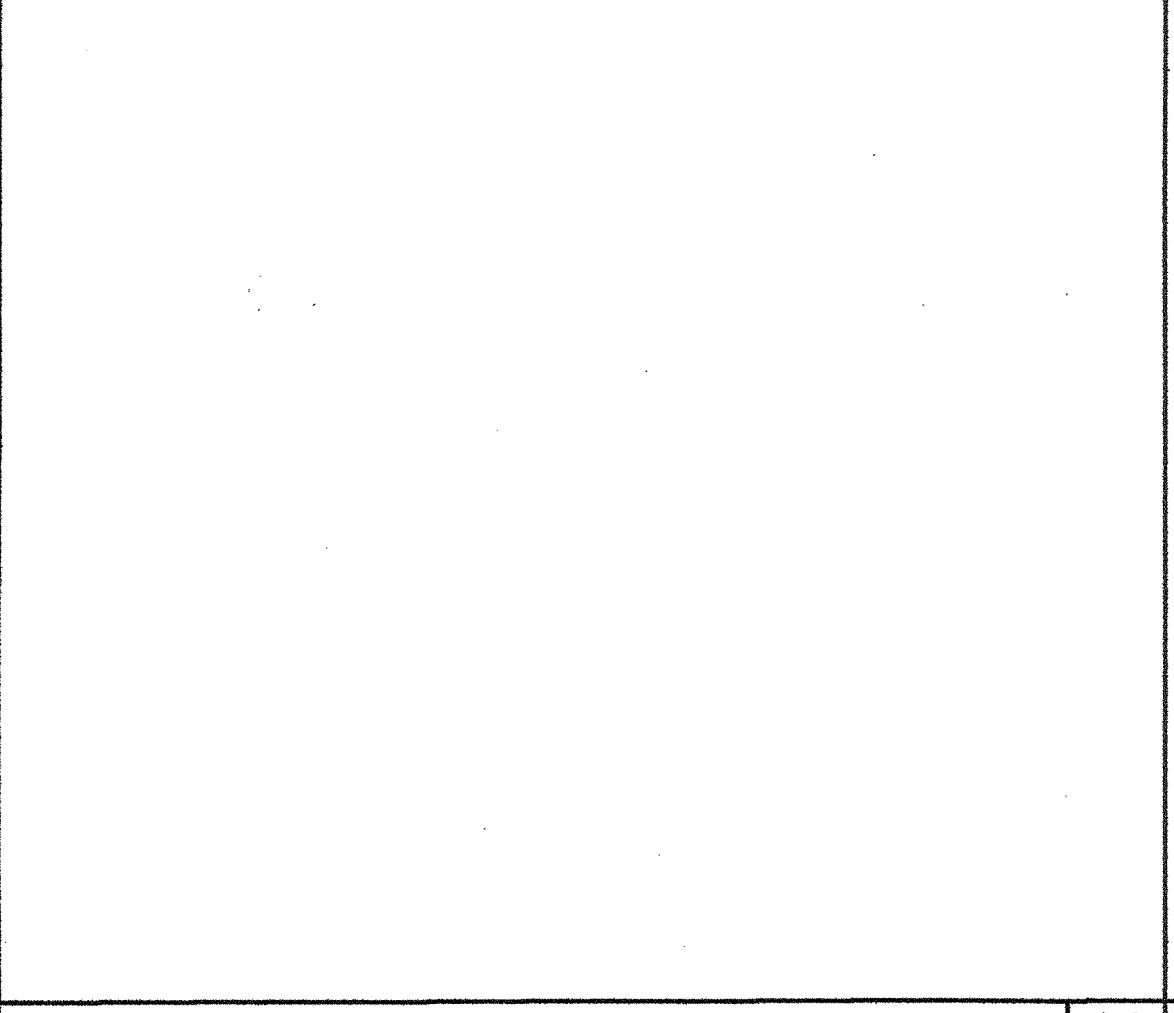
TYP. MODLINE CLOSURE DETAIL SCALE: 3\"/>



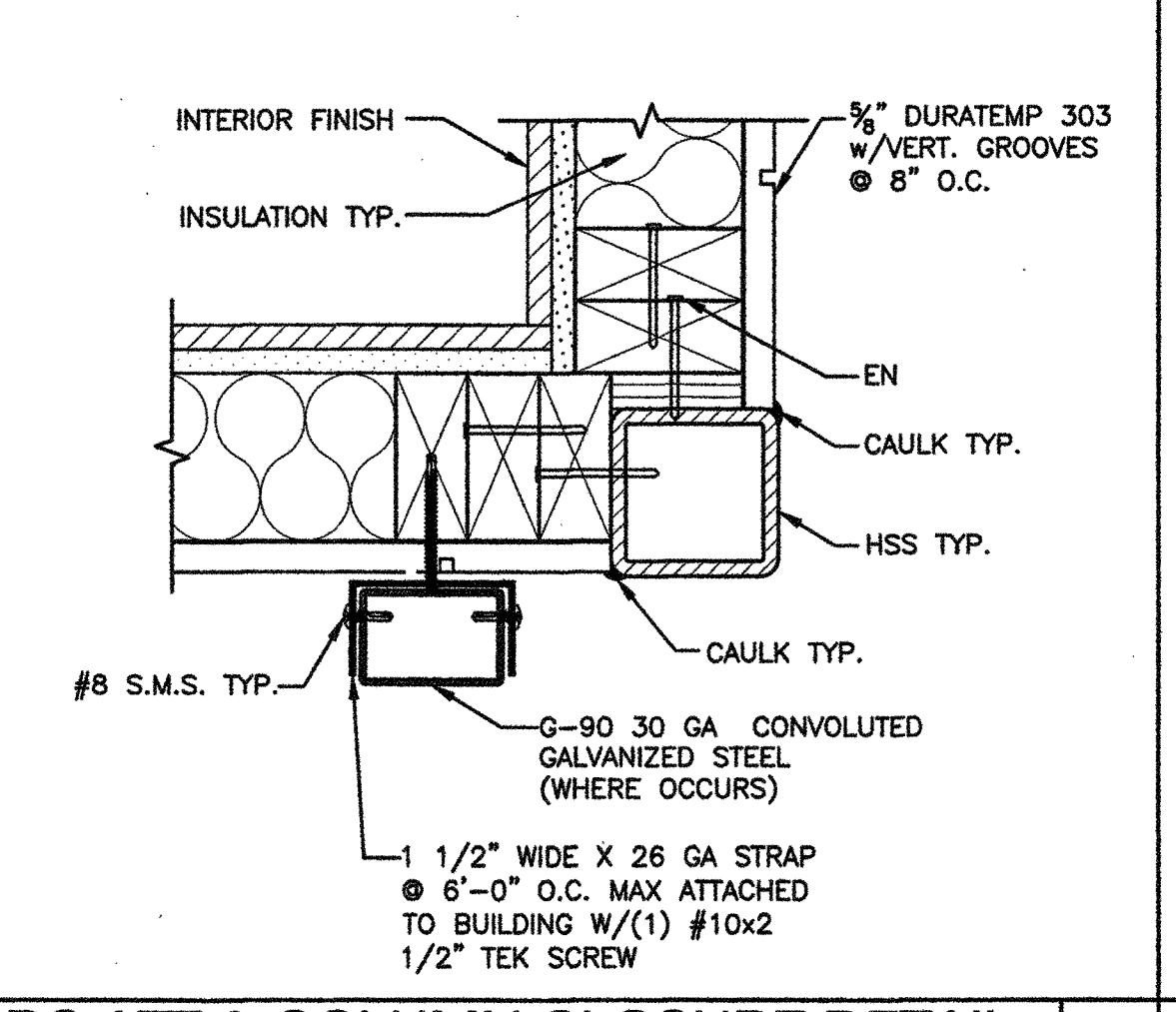
THRESHOLD DETAIL SCALE: 3\"/>



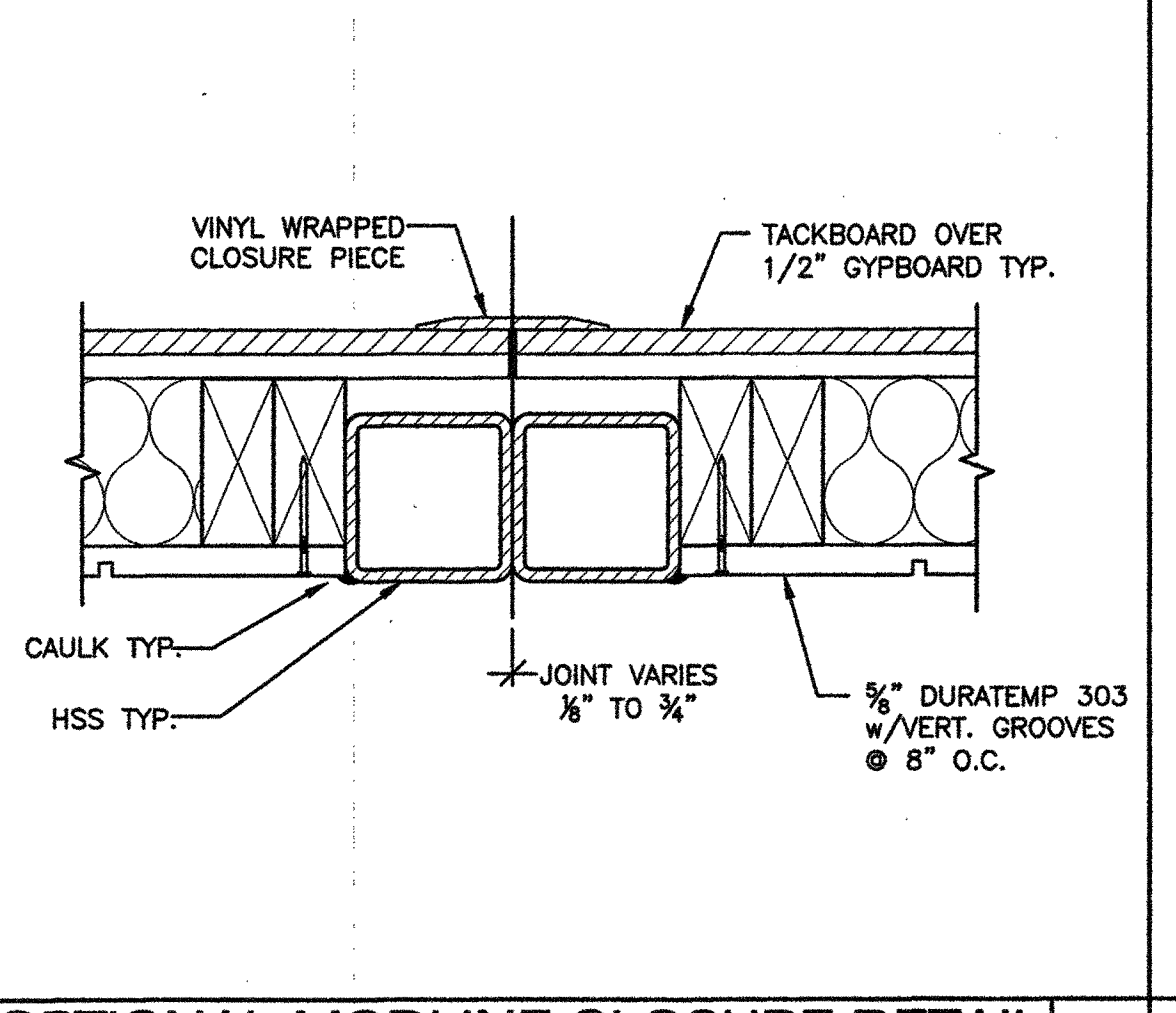
NOT USED



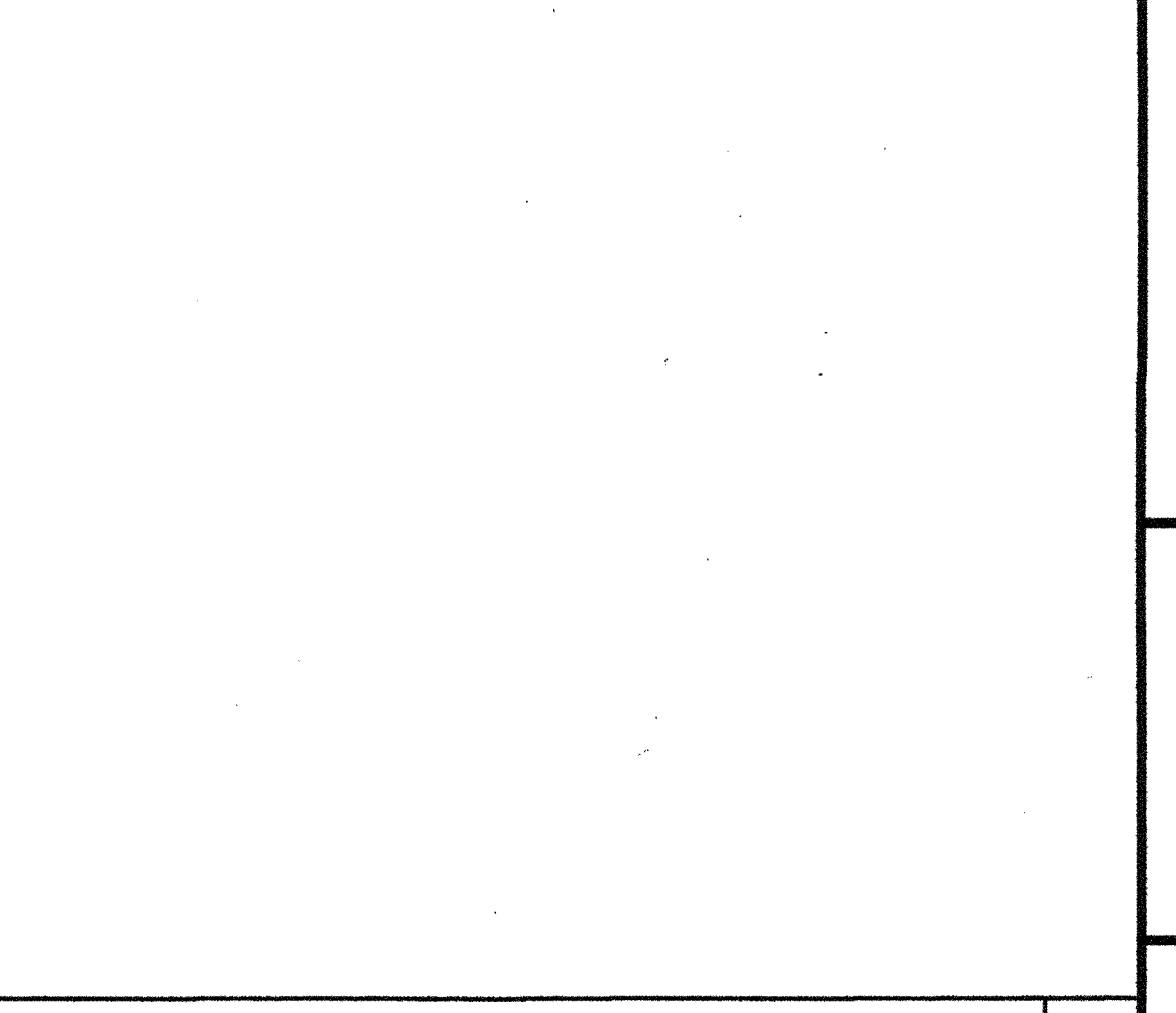
NOT USED



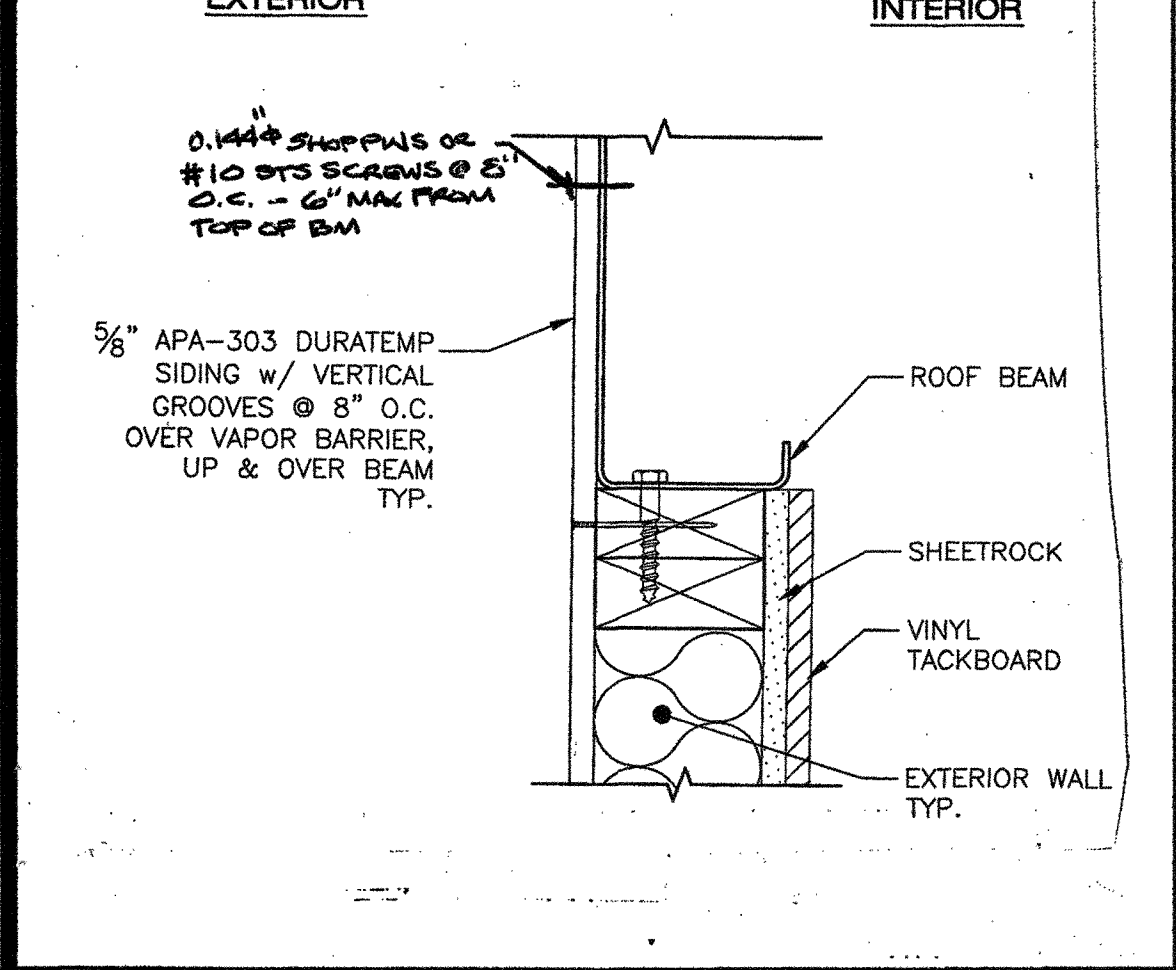
DS ATT & COLUMN CLOSURE DETAIL SCALE: 3\"/>



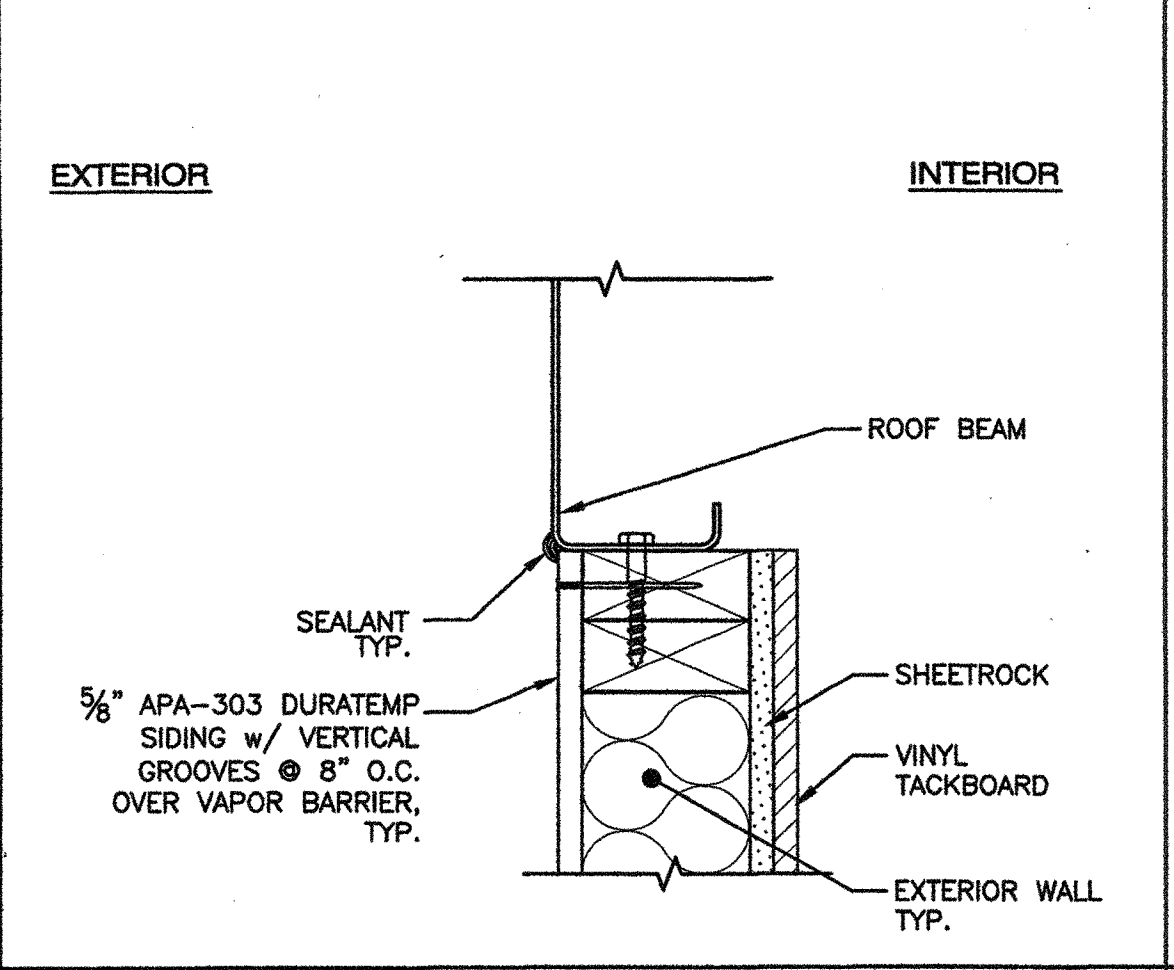
OPTIONAL MODLINE CLOSURE DETAIL SCALE: 3\"/>



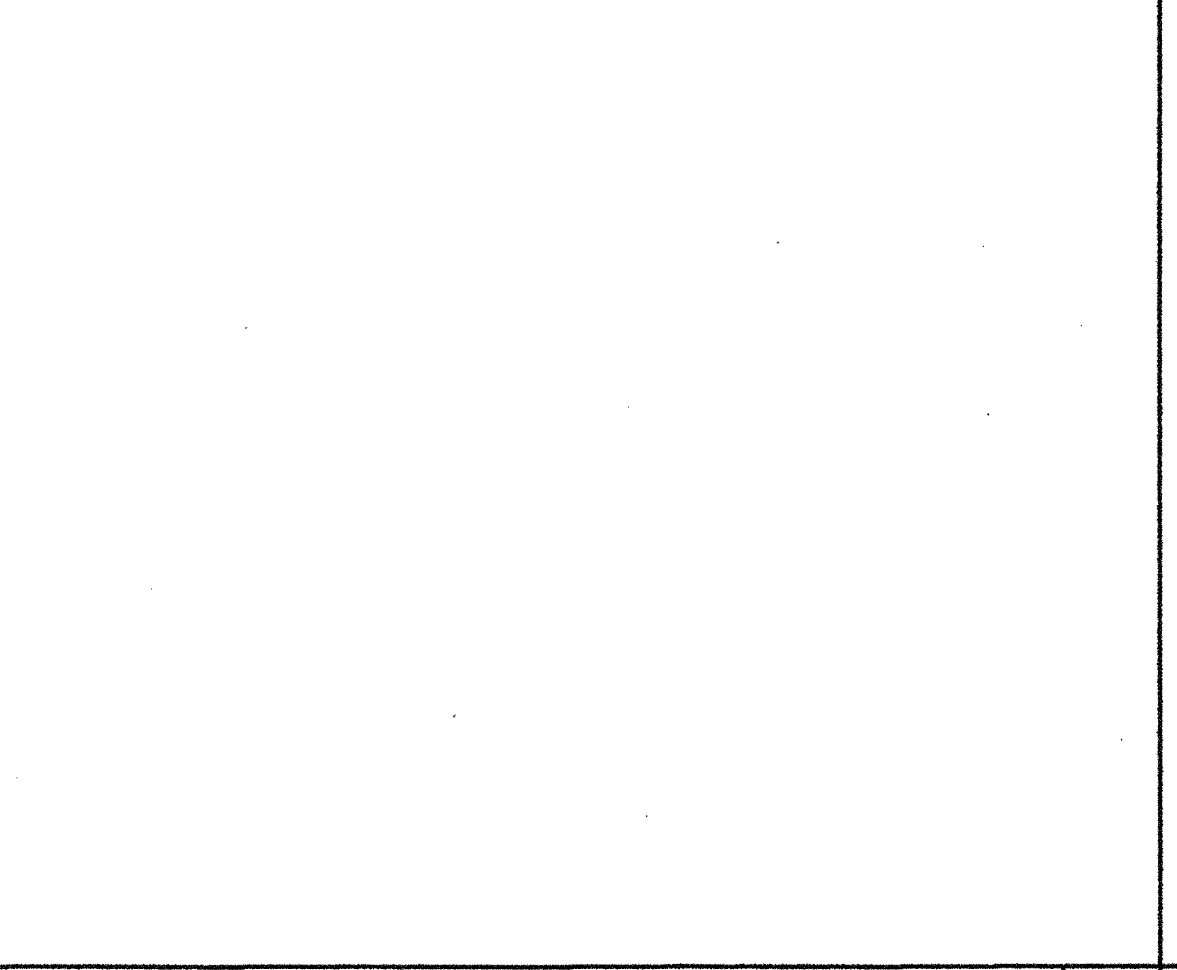
NOT USED



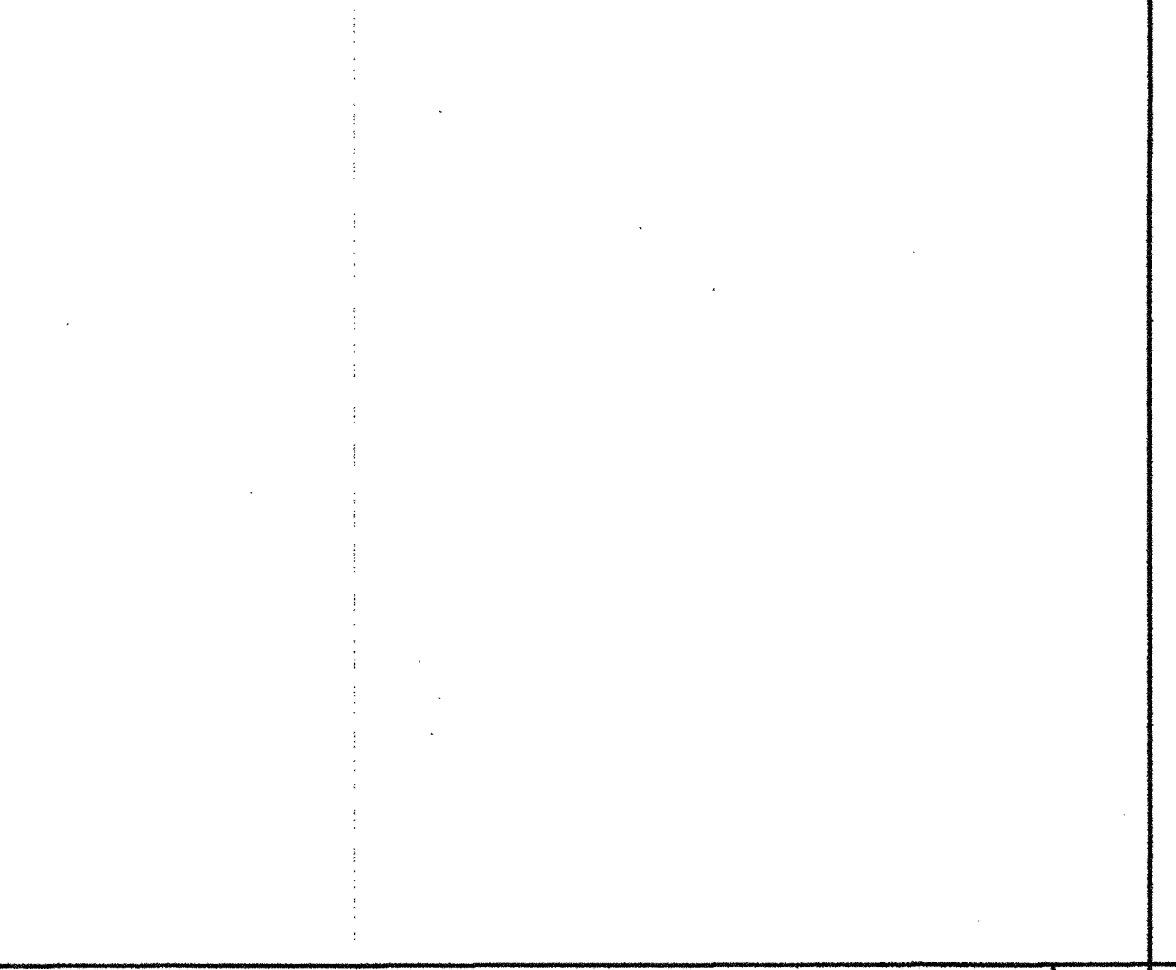
SIDING DETAIL @ ROOF BEAM SCALE: 3\"/>



ALTERNATE SIDING DETAIL @ ROOF BEAM SCALE: 3\"/>



NOT USED



NOT USED

NOTES:
1. FOR OPTIONAL METAL STUD FRAMING SEE S9.0-S9.2
2. ADDITIONAL R-5 RIGID INSULATION REQUIRED @ METAL STUD WALLS SEE SHEET M1.7

NOTES

MODULAR MANUFACTURER PROPRIETARY STATEMENT
 THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
MISCELLANEOUS ARCHITECTURAL DETAILS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



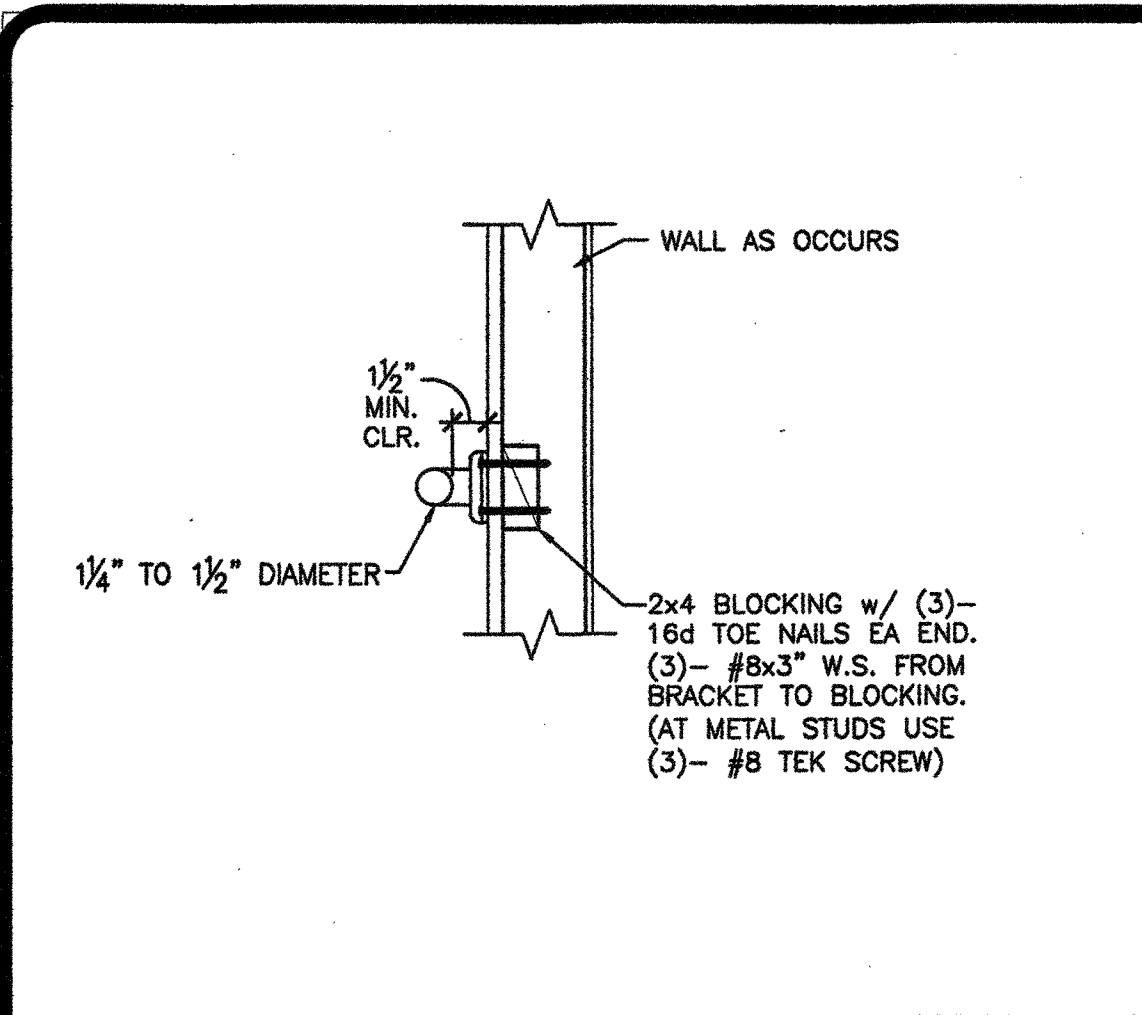
PROJECT SPECIFIC STATE AGENCY APPROVAL
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APPL 01-115705
 DATE 10/20/15

ORIGINAL PC STATE AGENCY APPROVAL
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 CA. DEPT. OF GENERAL SERVICES
 PC 02-113876
 DATE 6/22/15

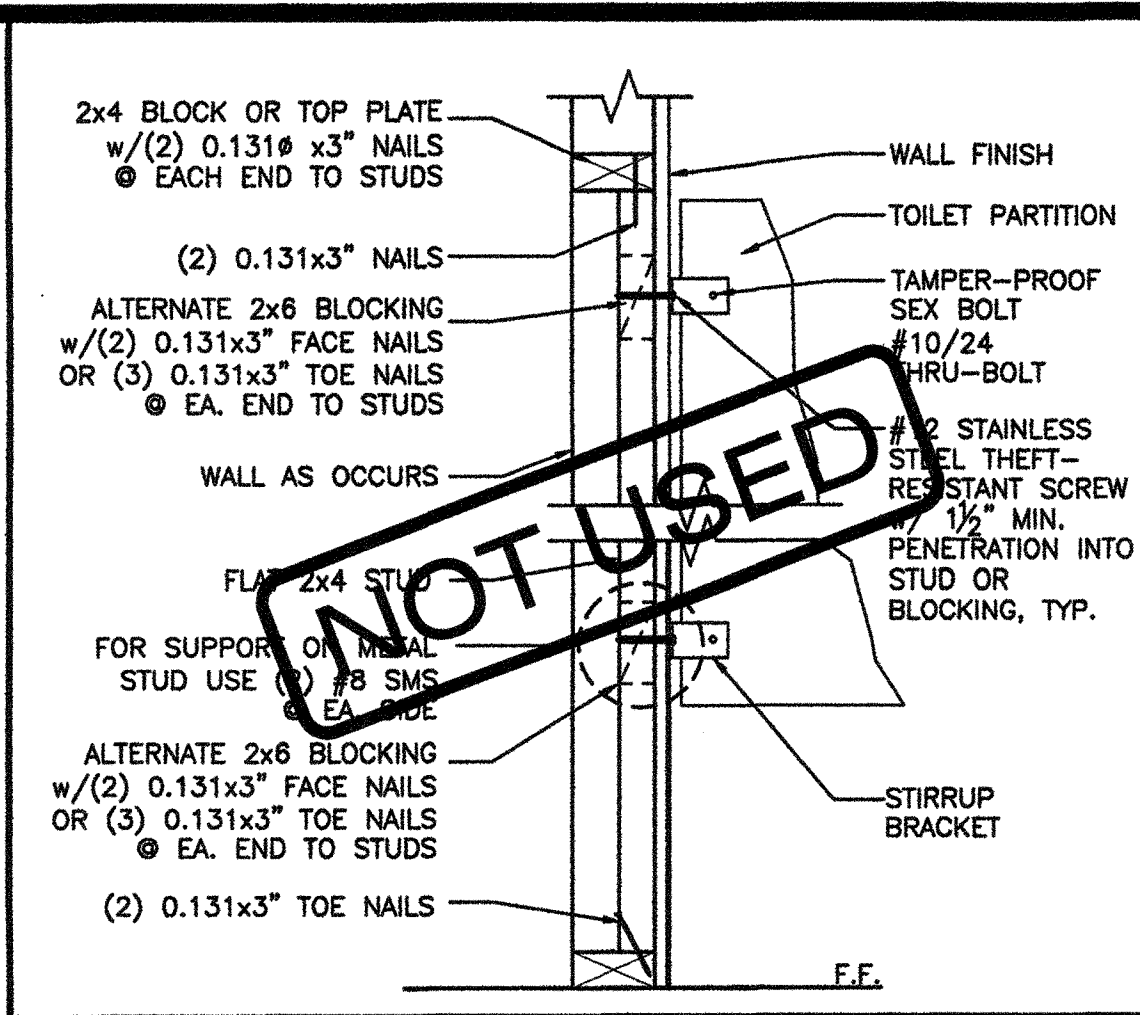
PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS
 DRAWN BY:
 SCALE: AS NOTED
 DATE:
 SHEET NUMBER

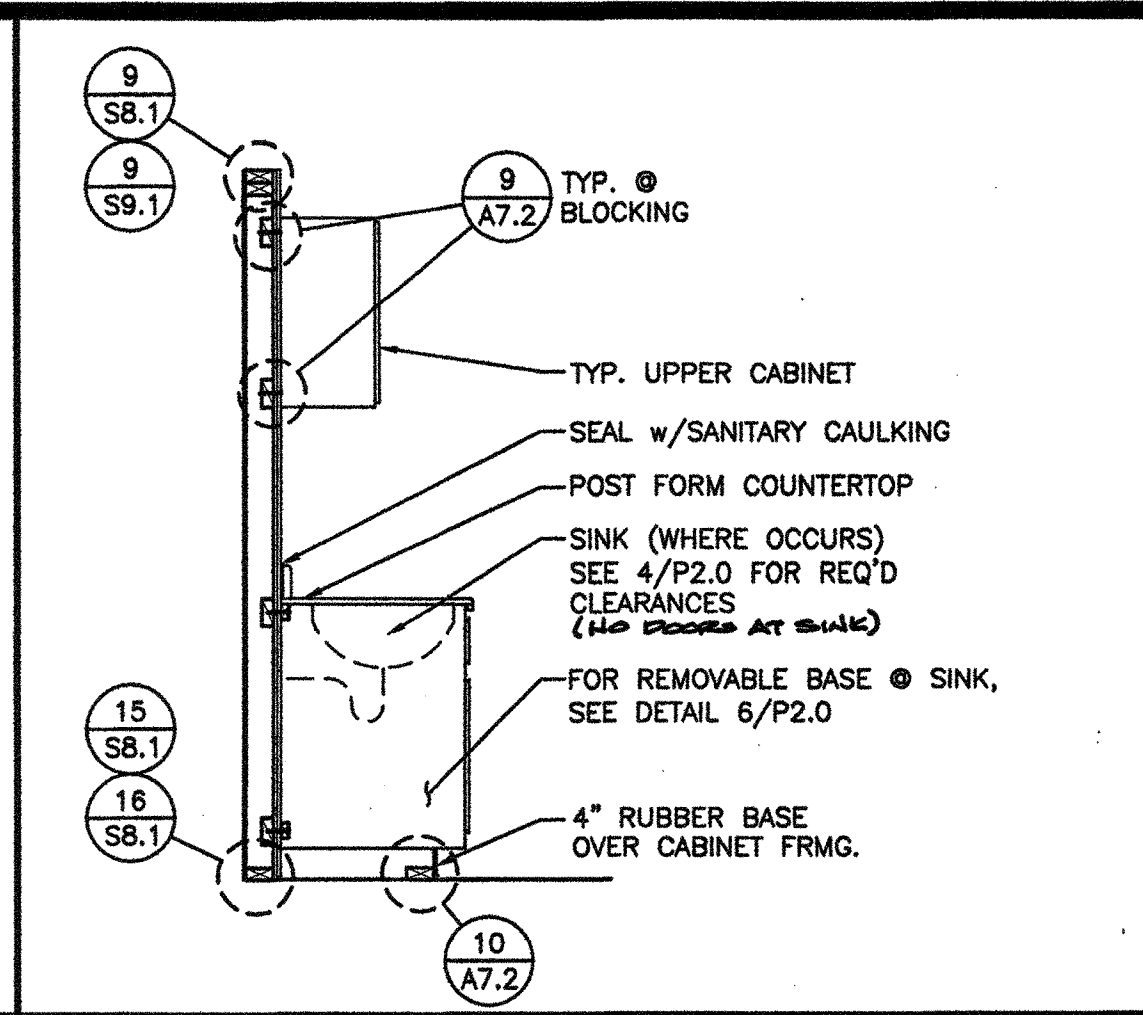
A7.2



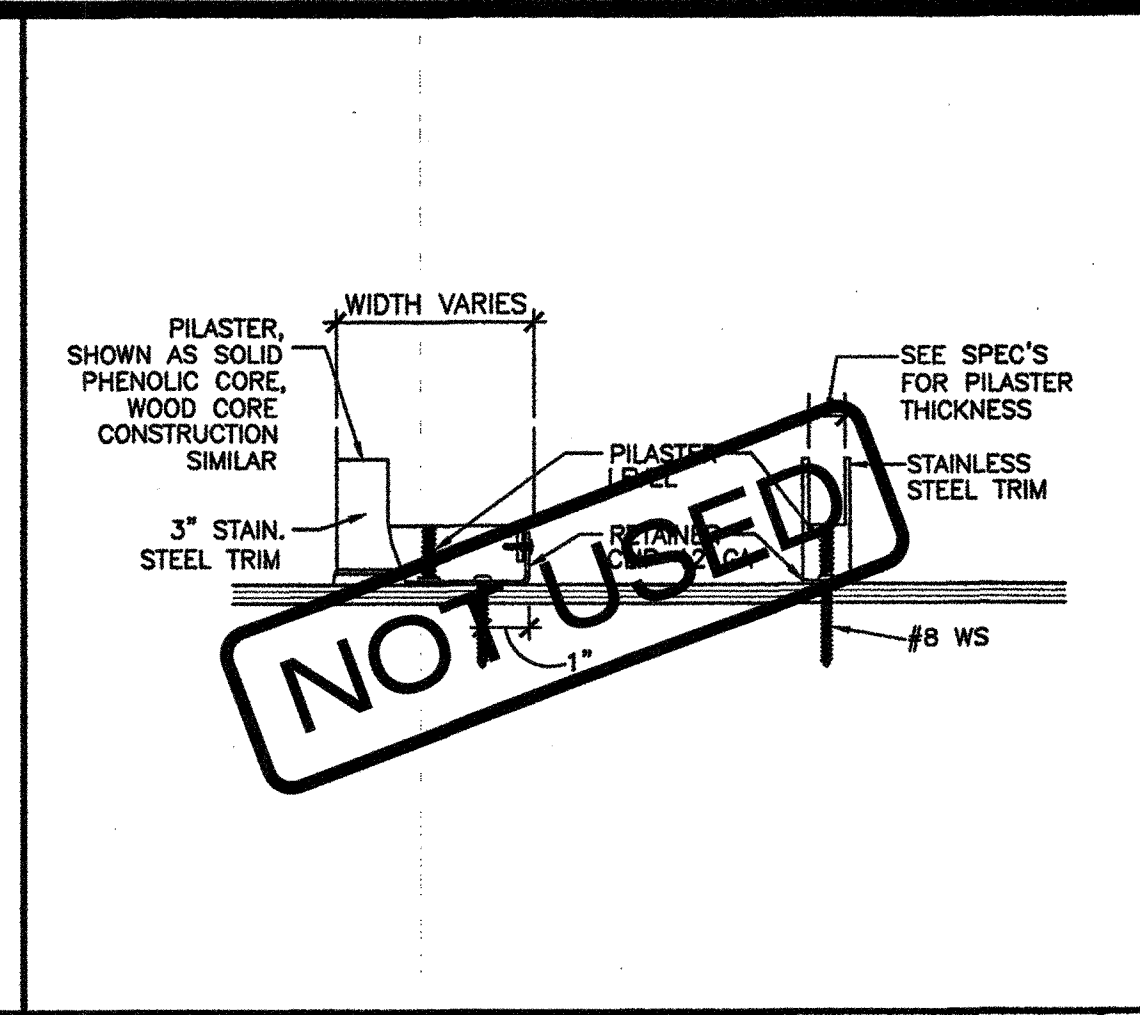
GRAB BAR BLOCKING DETAIL SCALE: 1 1/2"=1'-0"



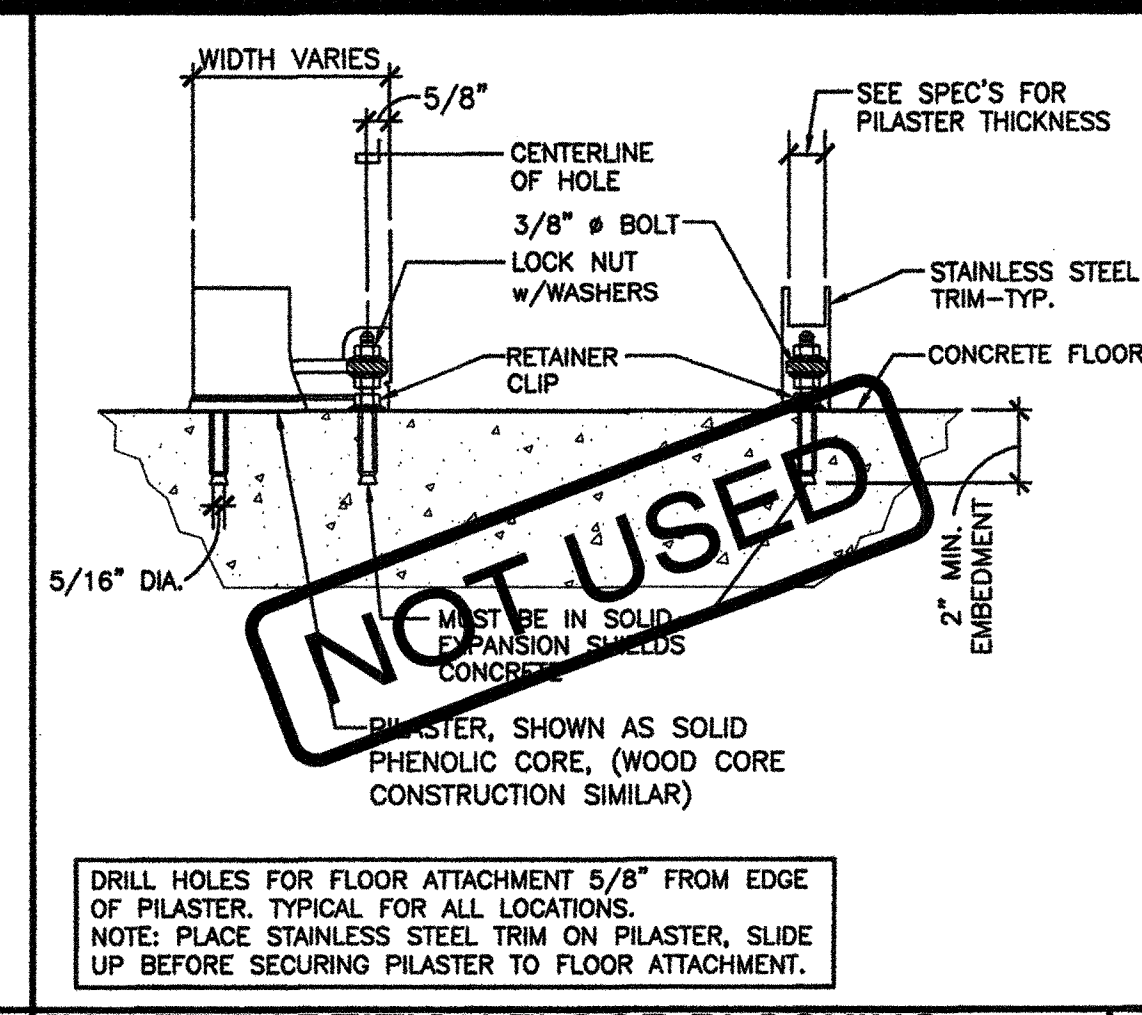
TOILET PARTITION WALL BLOCKING SCALE: N.T.S.



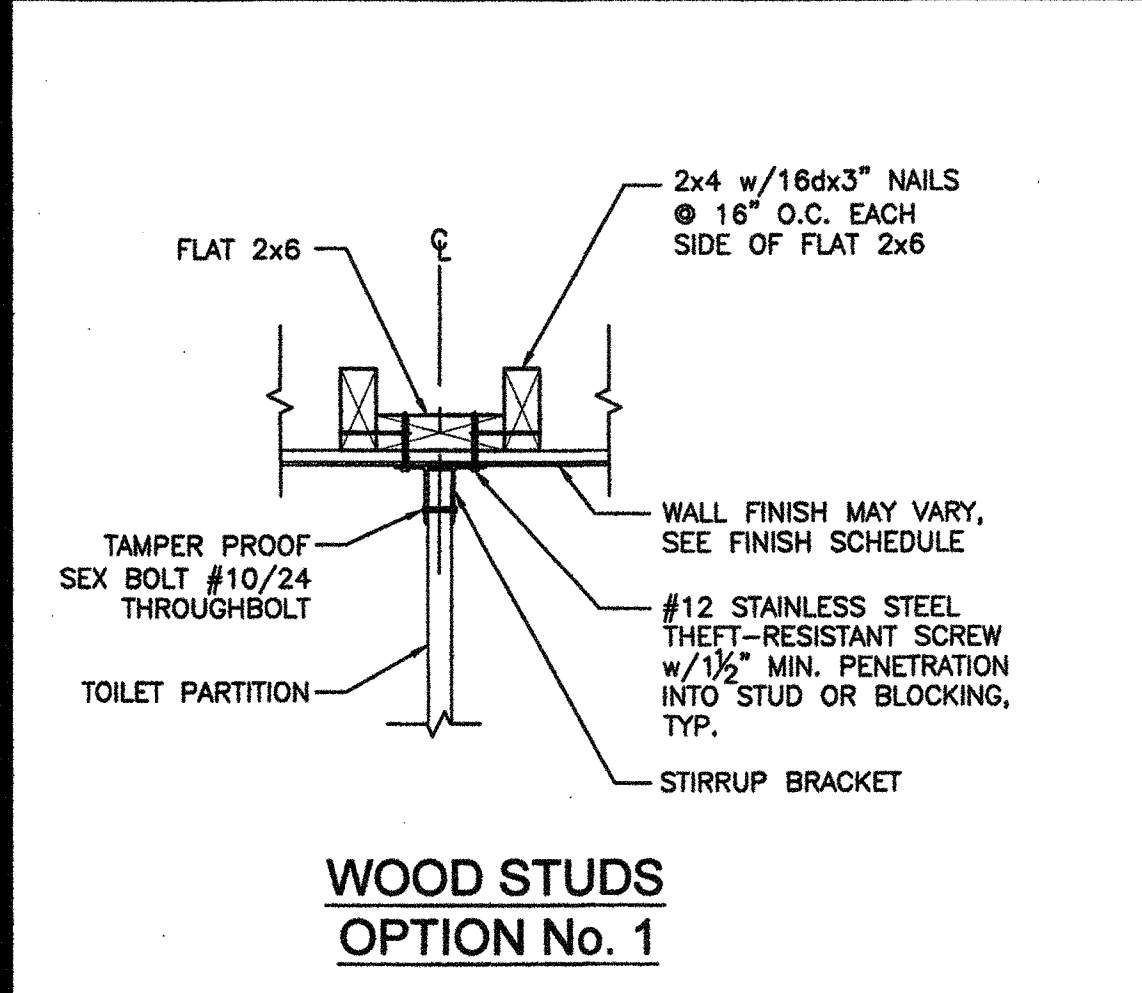
CABINET BLOCKING DETAIL SCALE: N.T.S.



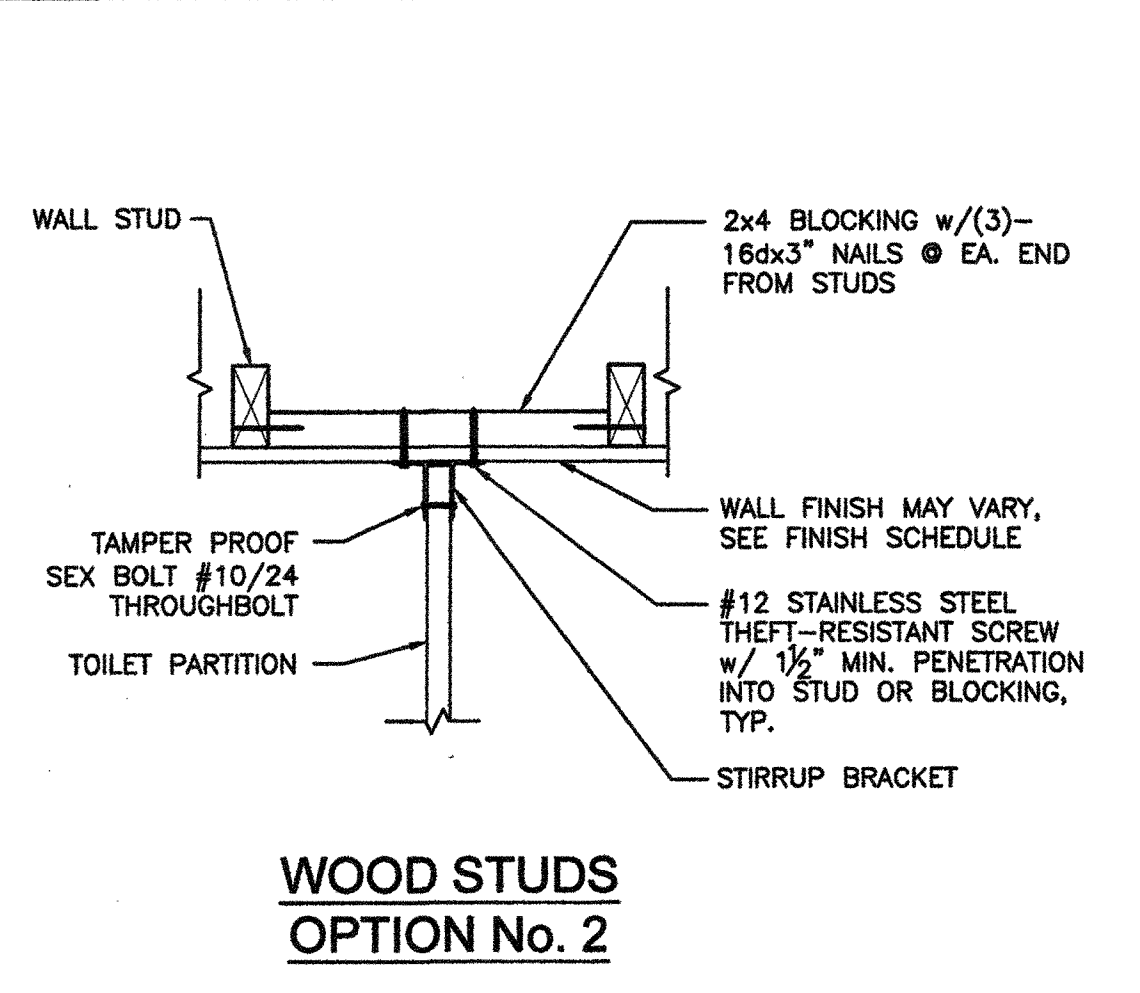
TOILET PARTITION FLOOR BLOCKING WOOD FLOOR SCALE: N.T.S.



TOILET PARTITION FLOOR BLOCKING CONCRETE FLOOR SCALE: N.T.S.



WOOD STUDS OPTION No. 1



WOOD STUDS OPTION No. 2

NOTCH & BORING SCHEDULE

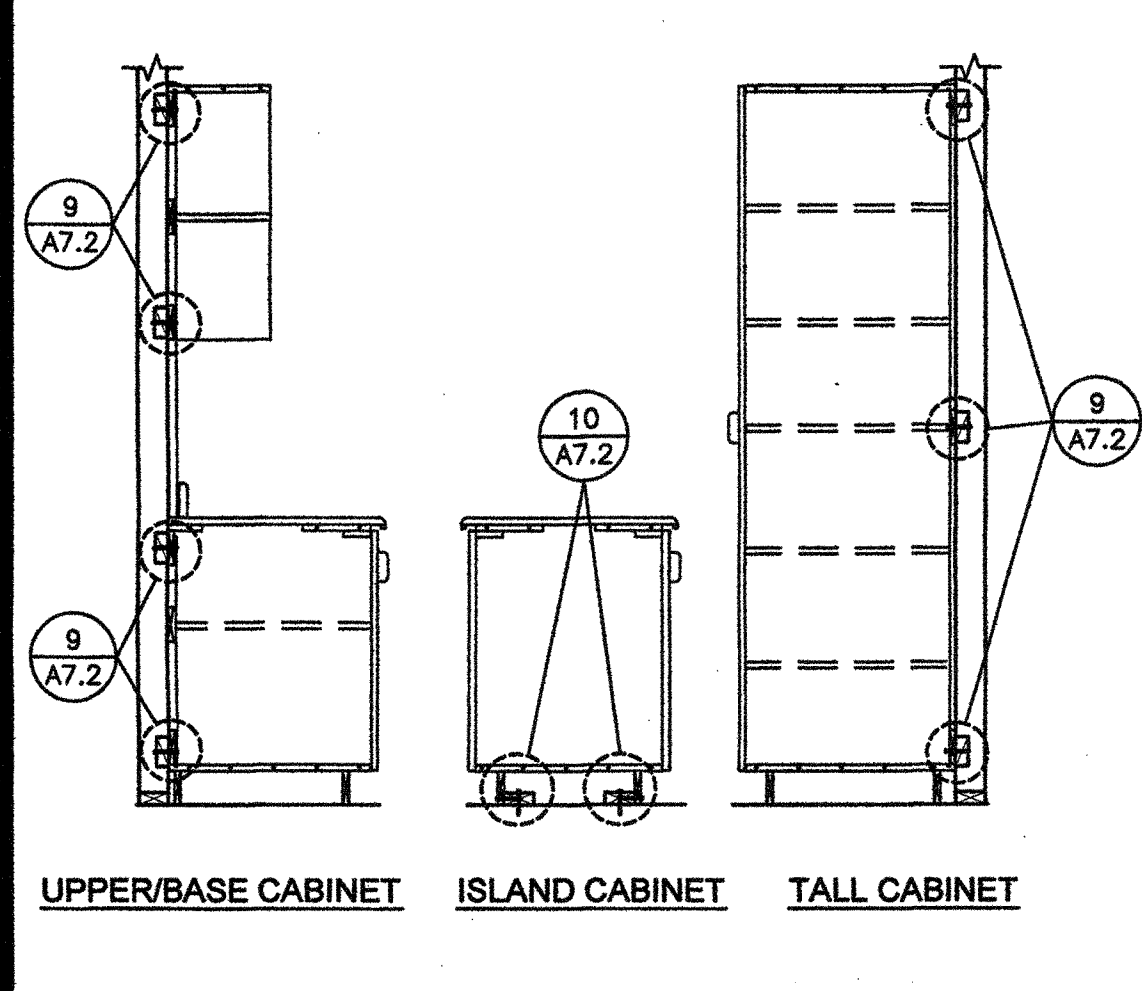
SIZE	STUD WIDTH		NOTCHING		BORING	
	NOMINAL	ACTUAL	25%	30%	25%	30%
2x4	4"	3 1/2"	7/8"	7/8"	1 1/8"	1 1/8"
2x6	6"	5 1/2"	1 3/8"	1 3/8"	1 5/8"	1 5/8"
2x8	8"	7 1/4"	1 11/16"	1 11/16"	2 1/16"	2 1/16"

EXTERIOR WALL BORING: ALLOWABLE BORE HOLE 30% OF ANY STUD ALLOWABLE BORE HOLE 60% OF STUD WIDTH ONLY WHERE EACH BORED STUD IS DOUBLED PROVIDE NOT MORE THAN TWO SUCH SUCCESSIVE STUDS. NO BORE HOLES OR NOTCHES LOCATED AT THE SAME SECTION OF STUD WHERE CUT OR NOTCHED.

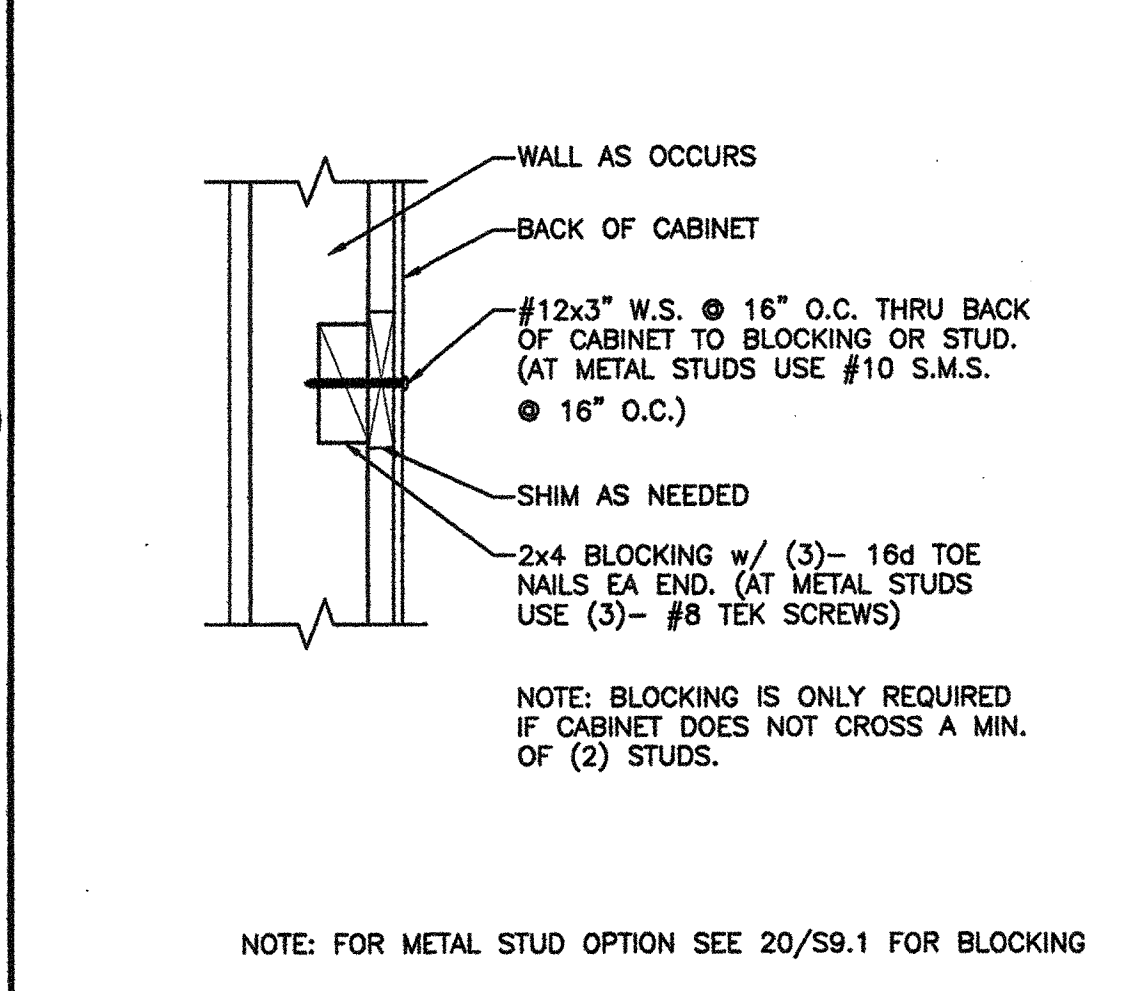
INTERIOR WALL NOTCHING: ALLOWABLE CUT OR NOTCH DEPTH IS 25% OF WIDTH (SEE SCHEDULE). NO BORE HOLES OR NOTCHES LOCATED AT THE SAME SECTION OF STUD WHERE CUT OR NOTCHED.

INTERIOR WALL BORING: ALLOWABLE BORED HOLE IN NON-BEARING PARTITION IS 30% OF STUD WIDTH (MAX). NO BORE HOLES OR NOTCHES LOCATED AT THE SAME SECTION OF STUD WHERE CUT OR NOTCHED.

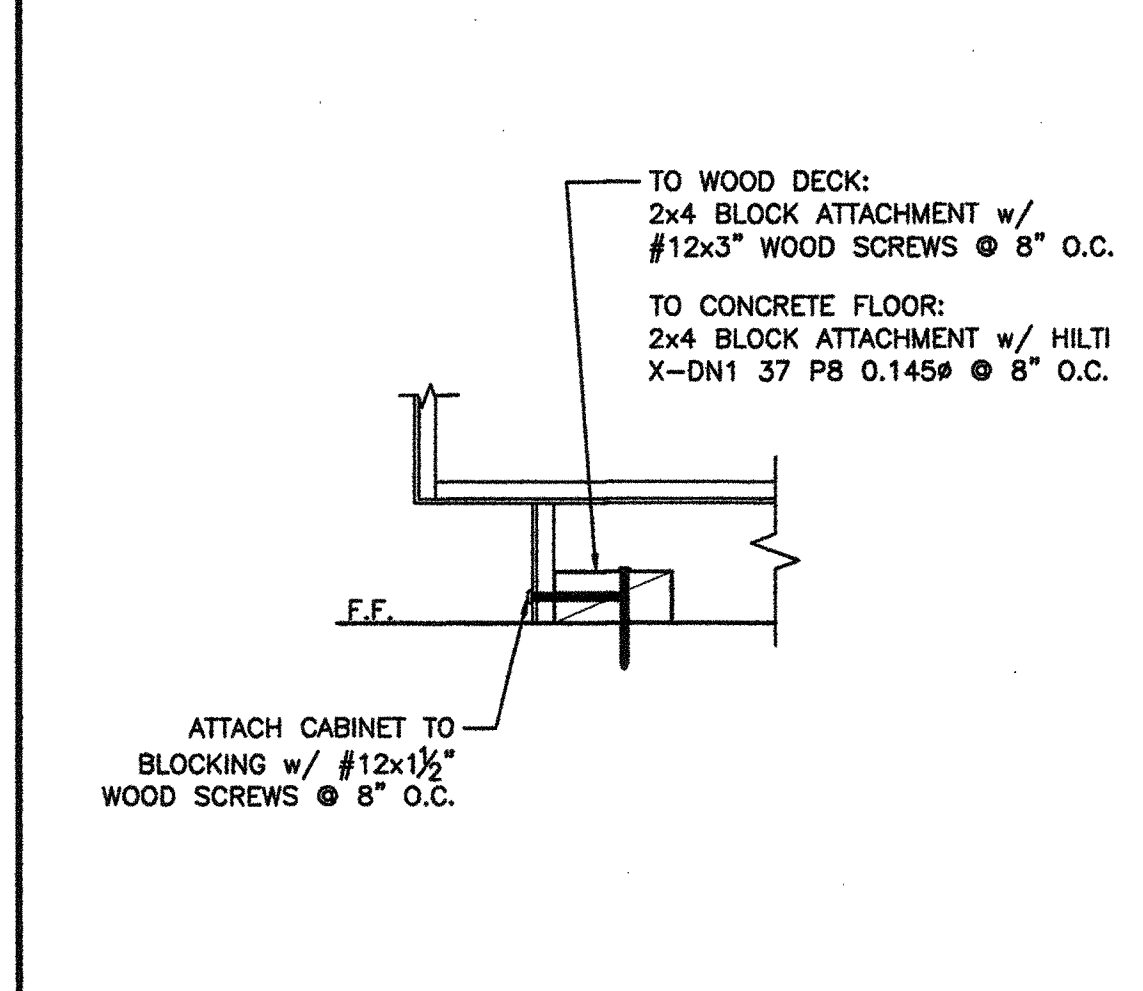
STUD NOTCHING AND BORING DETAILS SCALE: N.T.S.



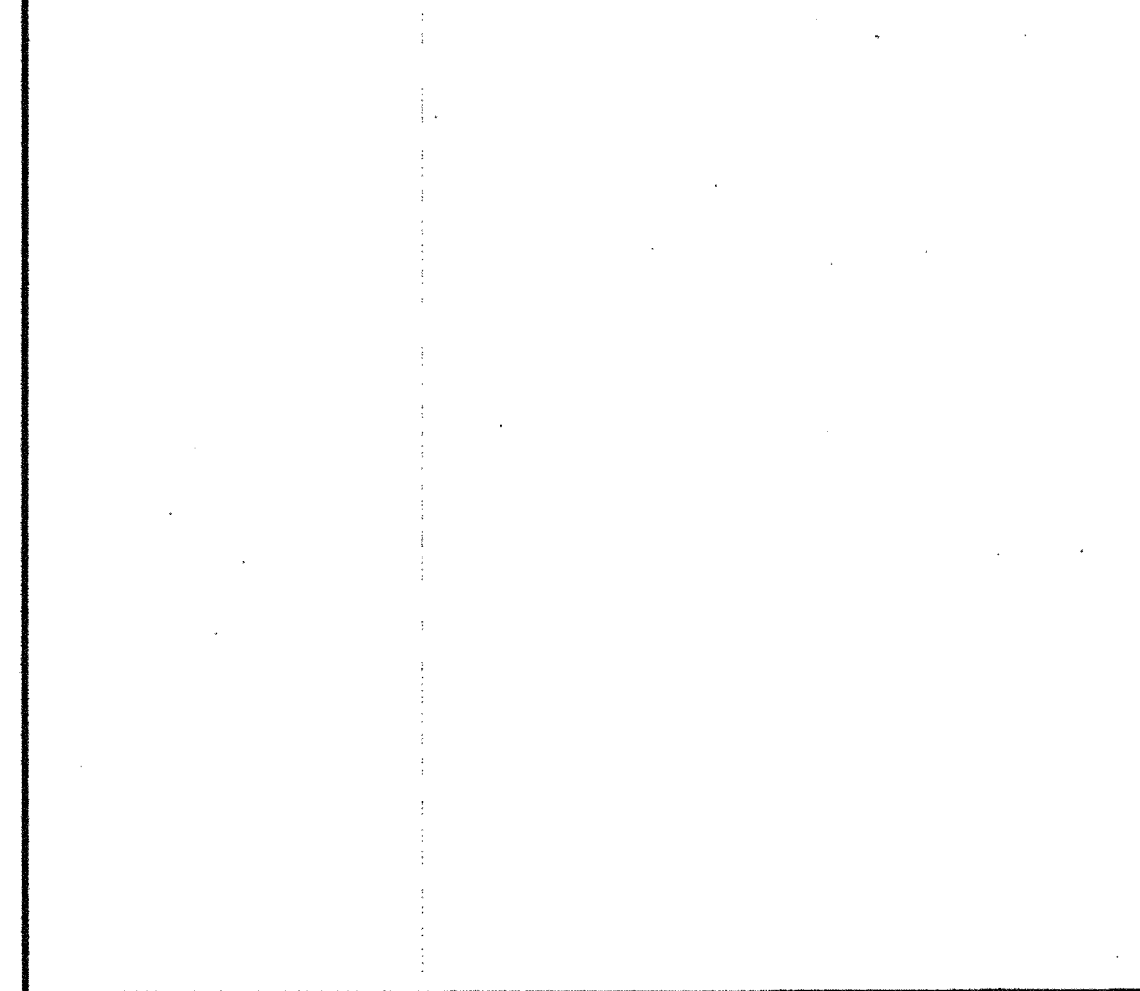
TOILET PARTITION ANCHORAGE BLOCKING DETAILS @ WALL SCALE: 1 1/2"=1'-0"



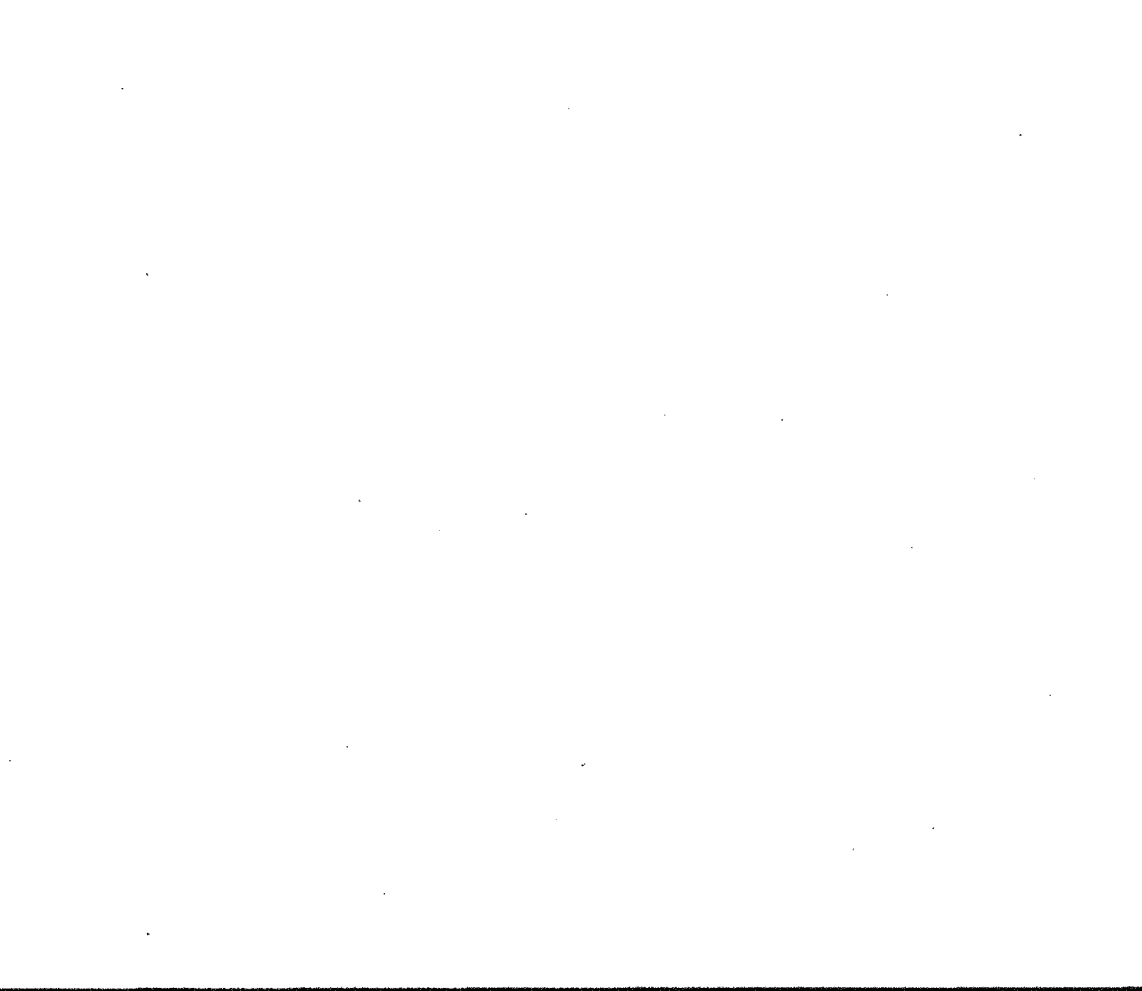
CABINET BLOCKING SCALE: N.T.S.



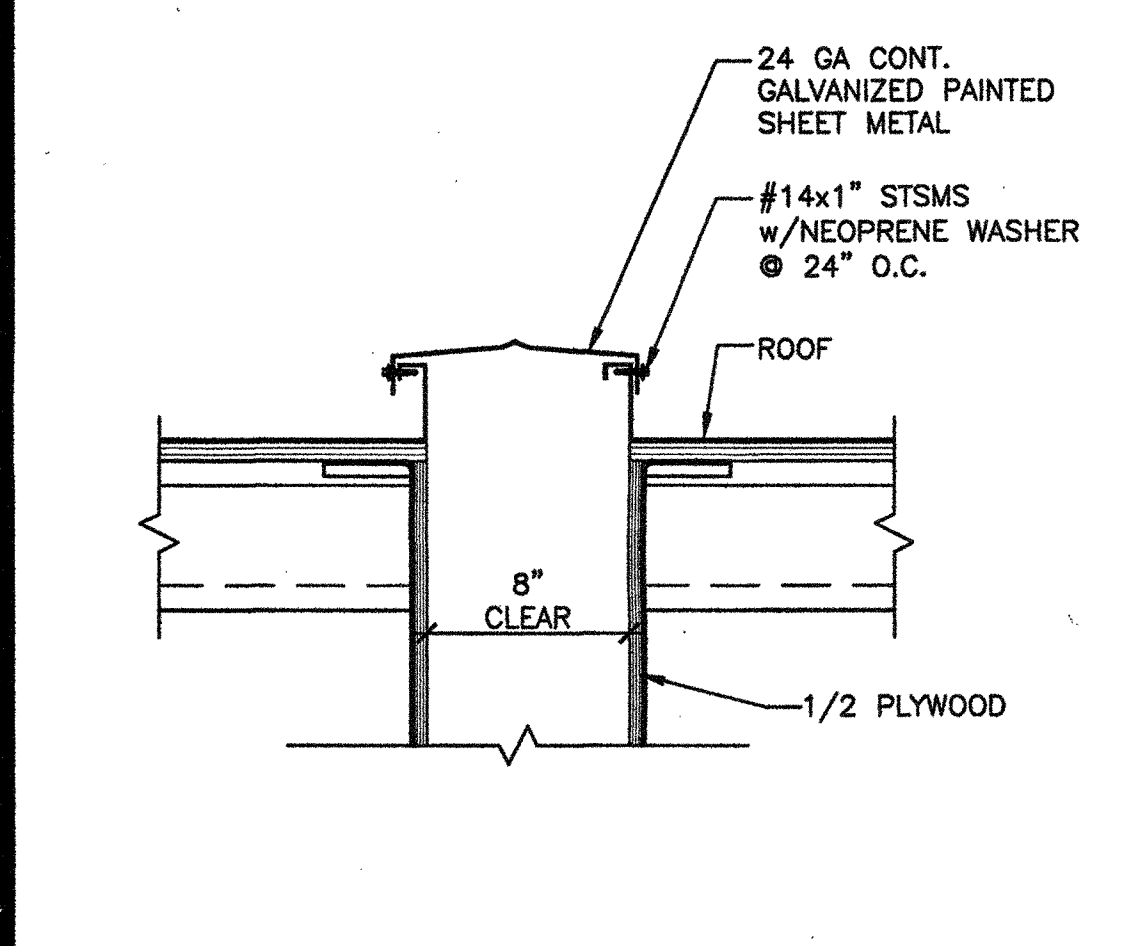
CABINET BLOCKING SCALE: N.T.S.



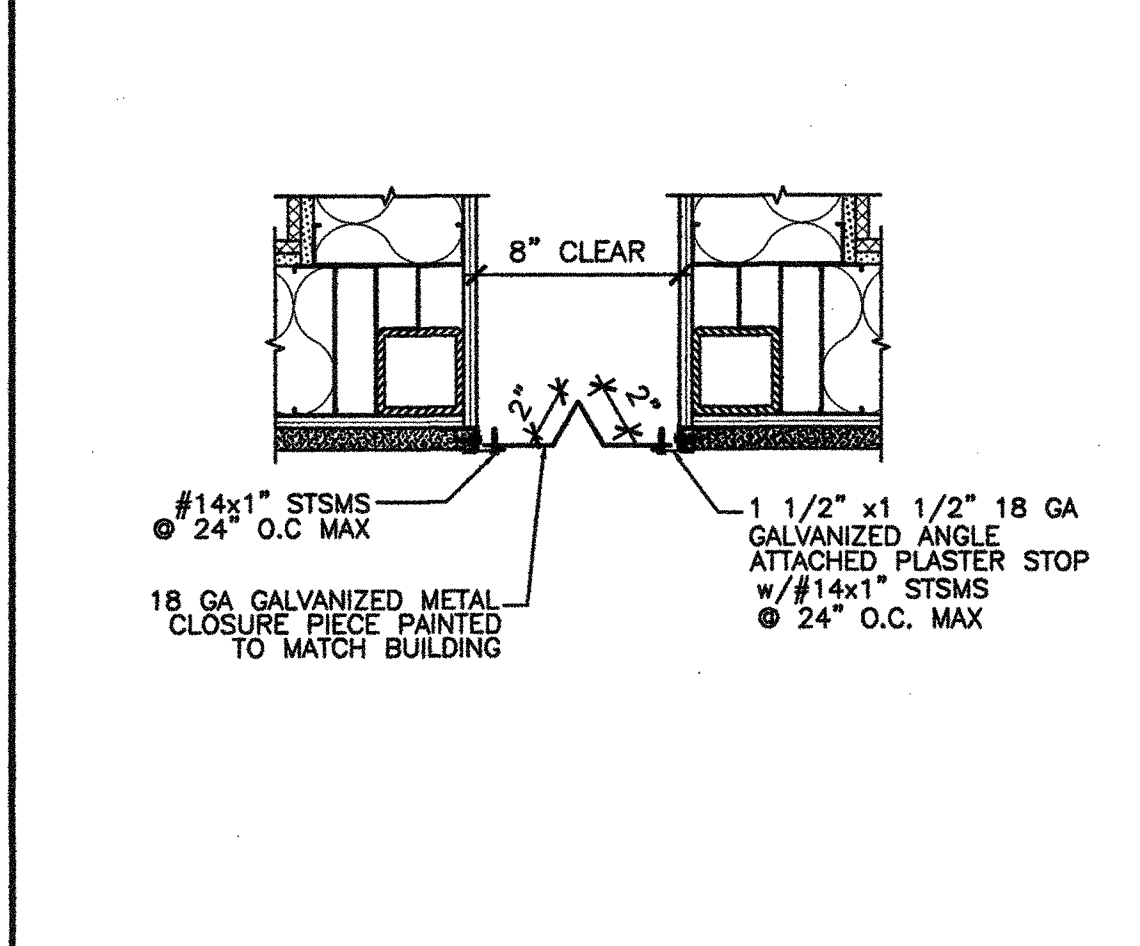
CABINET BLOCKING SCALE: N.T.S.



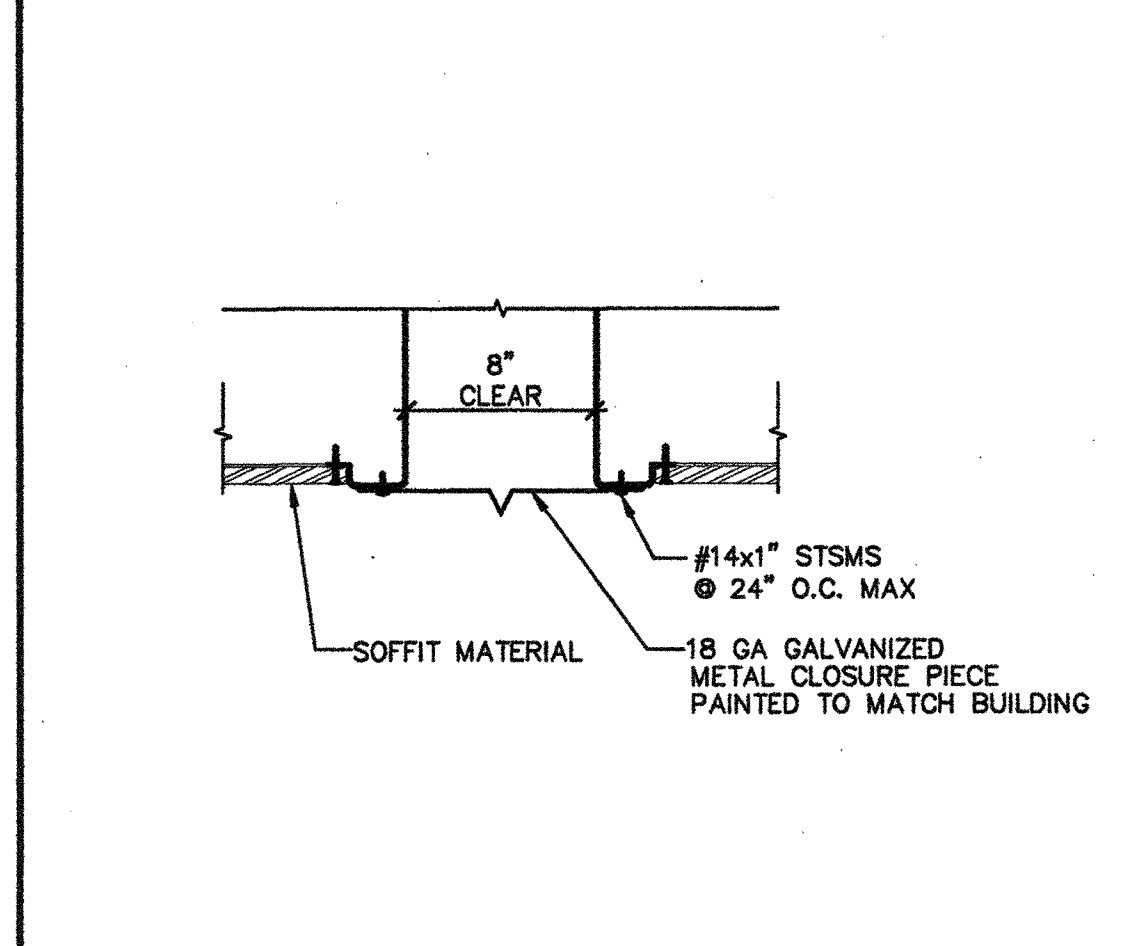
CABINET BLOCKING SCALE: N.T.S.



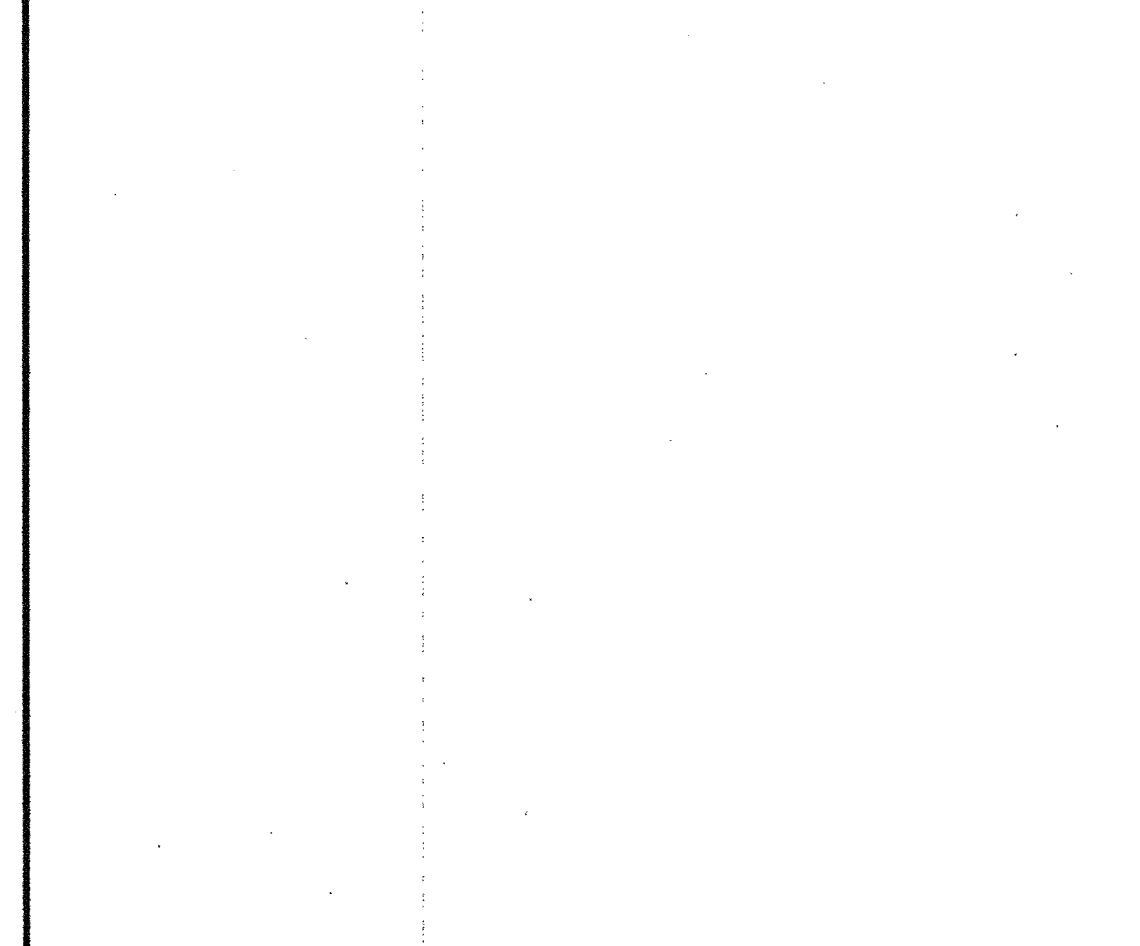
CLOSURE PIECE DETAIL @ ROOF SCALE: N.T.S.



CLOSURE PIECE DETAIL @ WALL SCALE: N.T.S.



CLOSURE PIECE DETAIL @ SOFFIT SCALE: N.T.S.



CLOSURE PIECE DETAIL @ SOFFIT SCALE: N.T.S.



CLOSURE PIECE DETAIL @ SOFFIT SCALE: N.T.S.

NOT USED
 NOT USED
 NOT USED

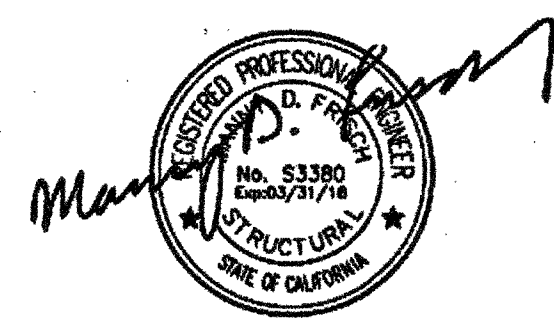
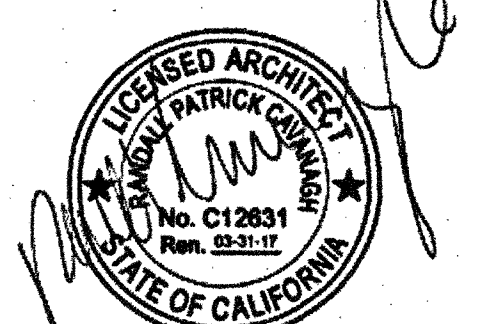
MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THERE-
IN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS,
INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR
OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND
SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST
IN THE MAKING OF OR FOR THE PURPOSE OF
FURNISHING ANY INFORMATION FOR THE MAKING OF
DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF
WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT
OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN
AND ORIGINATING WITH AMS SHALL BE THE SOLE
PROPERTY OF AMS.

PRE-CHECKED SET NAME
**24' x 40' THRU 120' x 40'
BUILDINGS**

SITE SPECIFIC PROJECT NAME

SHEET TITLE
**STEEL
MEMBER
PROPERTIES**

MANUFACTURER PROFESSIONAL OF RECORD ON PC



05/19/2015
PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01-115705
DATE APR 08 2015

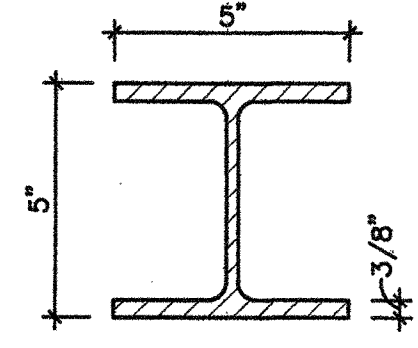
ORIGINAL PC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CA. DEPT. OF GENERAL SERVICES
PC 02-113876
DATE 6/2/15

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

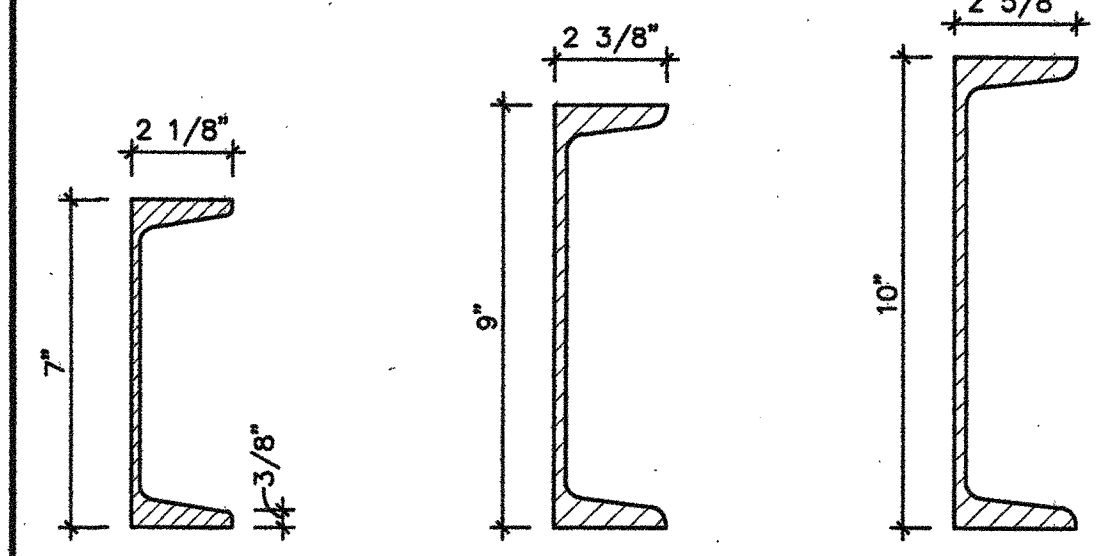
REVISIONS

DRAWN BY:
SCALE: AS NOTED
DATE:
SHEET NUMBER

S0.0



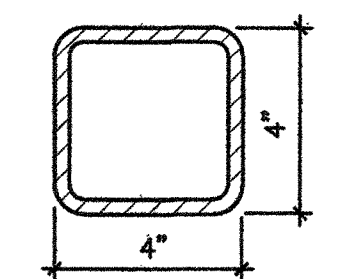
**W5x16
FLOOR JOIST**
ASTM = A36
GRADE = 36
FY = 36ksi
A = 4.71 IN²
S_x = 8.55 IN³
Z_x = 9.63 IN³
I_x = 21.4 IN⁴
t = .25 IN.



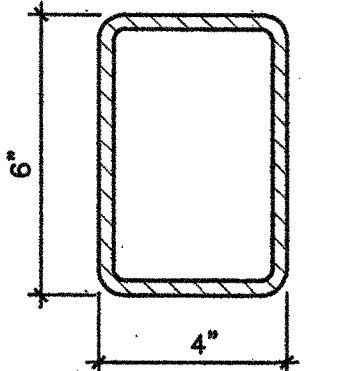
**C 7x9.8
FLOOR BEAM**
ASTM = A36
GRADE = 36
FY = 36 ksi
A = 2.87 IN²
S_x = 6.07 IN³
Z_x = 7.19 IN³
I_x = 21.20 IN⁴
t = .1875 IN.

**C9x13.4
FLOOR BEAM**
ASTM = A36 GRADE 36
OR
ASTM = A572 GRADE 50
A = 3.94 IN²
S_x = 10.80 IN³
Z_x = 12.60 IN³
I_x = 47.80 IN⁴
t = .25 IN.

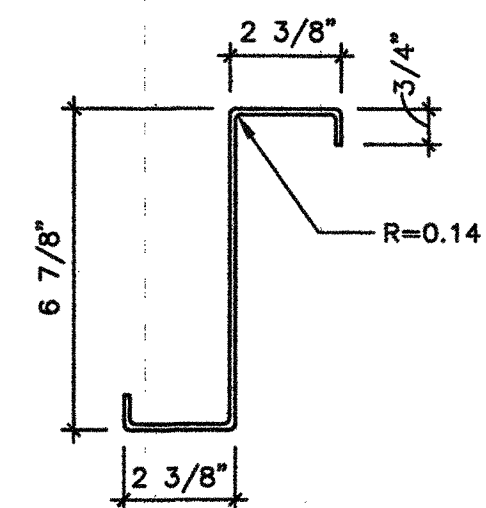
**C 10x15.3
FLOOR BEAM**
ASTM = A36
GRADE = 36
FY = 36 ksi
A = 4.48 IN²
S_x = 13.50 IN³
Z_x = 15.90 IN³
I_x = 67.30 IN⁴
t = .25 IN.



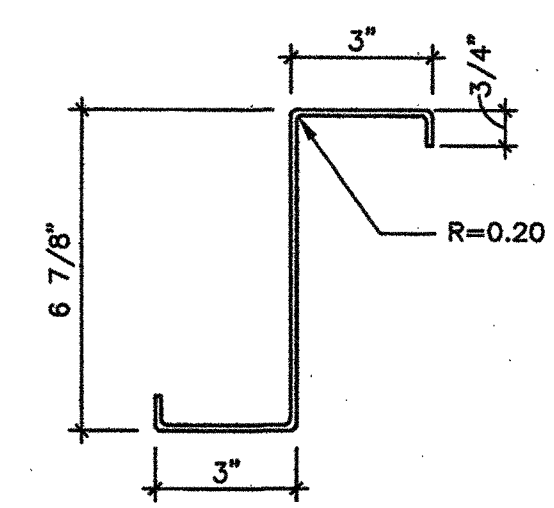
**HSS 4x4x5/16
COLUMN**
ASTM = A500
GRADE = 46
FY = 46ksi
A = 4.10 IN²
S_x = 4.57 IN³
Z_x = 5.59 IN³
I_x = 9.14 IN⁴
t = .3125 IN.



**HSS 6x4x5/16
COLUMN**
ASTM = A500
GRADE = 46
FY = 46ksi
A = 5.26 IN²
S_x = 8.27 IN³
Z_x = 10.30 IN³
I_x = 24.80 IN⁴
t = .3125 IN.



**6-7/8" x 2-3/8" x 14 GA.
FLOOR JOIST (1)**
ASTM A1011 GRADE 45(2)
FY = 45KSI
A = 0.89 IN²
S_x = 1.85 IN³
I_x = 6.37 IN⁴
t = 0.068 IN. MIN.



**6-7/8" x 3" x 12 GA.
FLOOR JOIST (1)**
ASTM A1011 GRADE 45(2)
FY = 45KSI(2)
A = 1.38 IN²
S_x = 2.97 IN³
I_x = 10.20 IN⁴
t = 0.097 IN. MIN.

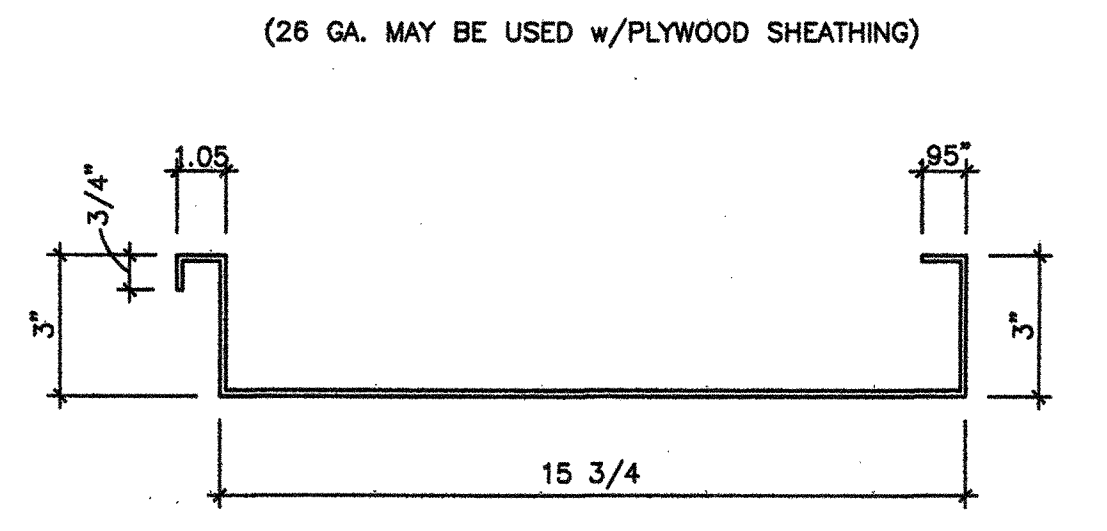
NOTES:
1. MEMBERS TO BE FABRICATED FROM HOT ROLLED SHEETS WITH OPTIONAL RUST INHIBITIVE COATING.
2. STEEL GRADE 50 (FY=50KSI) AT STRUCTO-CRETE FLOOR OPTION

HOT ROLLED FLOOR JOIST PROPERTIES

HOT ROLLED FLOOR BEAM PROPERTIES

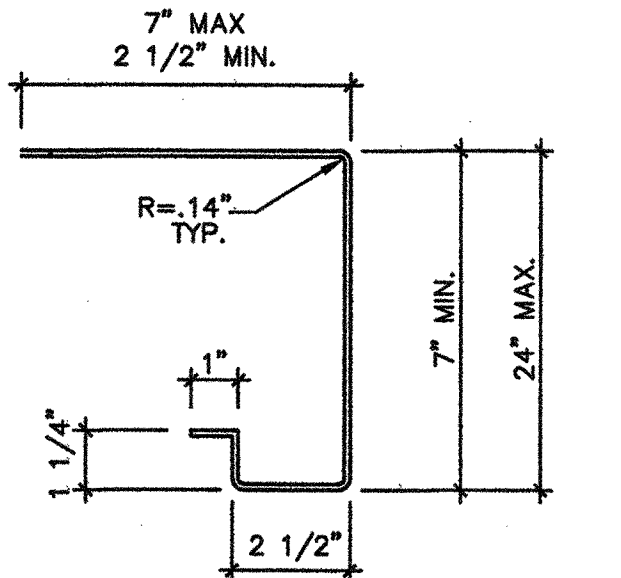
HSS COLUMN PROPERTIES

LIGHT GAUGE FLOOR JOIST PROPERTIES



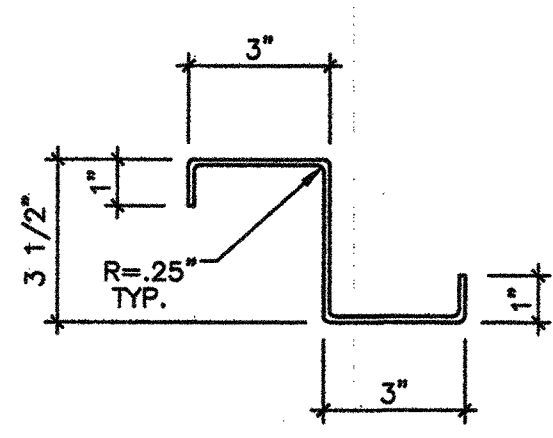
(26 GA. MAY BE USED W/PLYWOOD SHEATHING)
ASTM = A101
GRADE = 36
FY = 36ksi
W/ GALVANIZATION
t=0.0356 IN. MIN.
W/O GALVANIZATION
t=0.0329 IN. MIN.
S_x(t) = 0.364 IN³
S_x(b) = 1.372 IN³
I_x = 0.863 IN⁴
S_x(t) = 0.330 IN³
S_x(b) = 0.476 IN³
A = 0.84 IN²

NOTE:
MEMBERS TO BE FABRICATED FROM HOT ROLLED SHEETS WITH OPTIONAL RUST INHIBITIVE COATING.

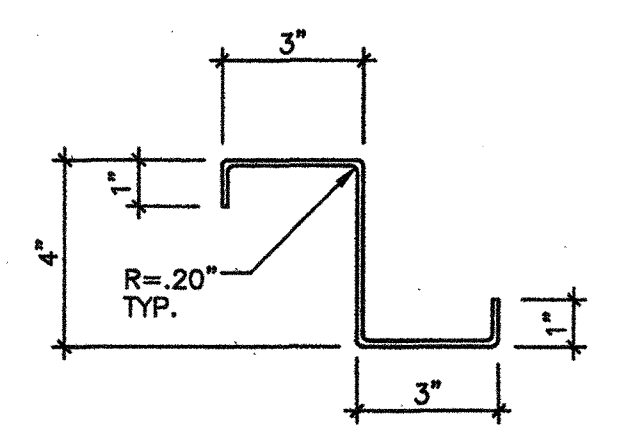


14 GA. FORMED SOFFIT CEE
(ALL CALCULATIONS BASED ON SECTION PROPERTIES OF 7" CEE)
ASTM = A1011
GRADE = 36
FY = 36ksi
A = 0.97 IN²
S_x = 1.78 IN³
I_x = 6.87 IN⁴
t = 0.068 IN. MIN.

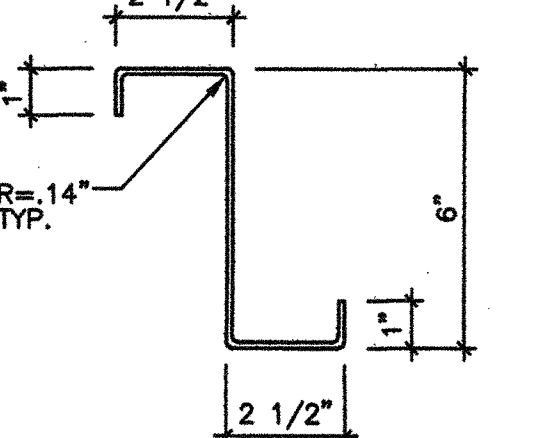
NOTE:
MEMBERS TO BE FABRICATED FROM HOT ROLLED SHEETS WITH OPTIONAL RUST INHIBITIVE COATING.



10 GA. ROOF PURLIN
ASTM = A1011
GRADE = 36
FY = 36ksi
A = 1.30 IN²
S_x = 1.49 IN³
I_x = 2.60 IN⁴
t = 0.129 IN. MIN.



12 GA. ROOF PURLIN
ASTM = A1011
GRADE = 36
FY = 36ksi
A = 1.14 IN²
S_x = 1.50 IN³
I_x = 3.00 IN⁴
t = 0.097 IN. MIN.



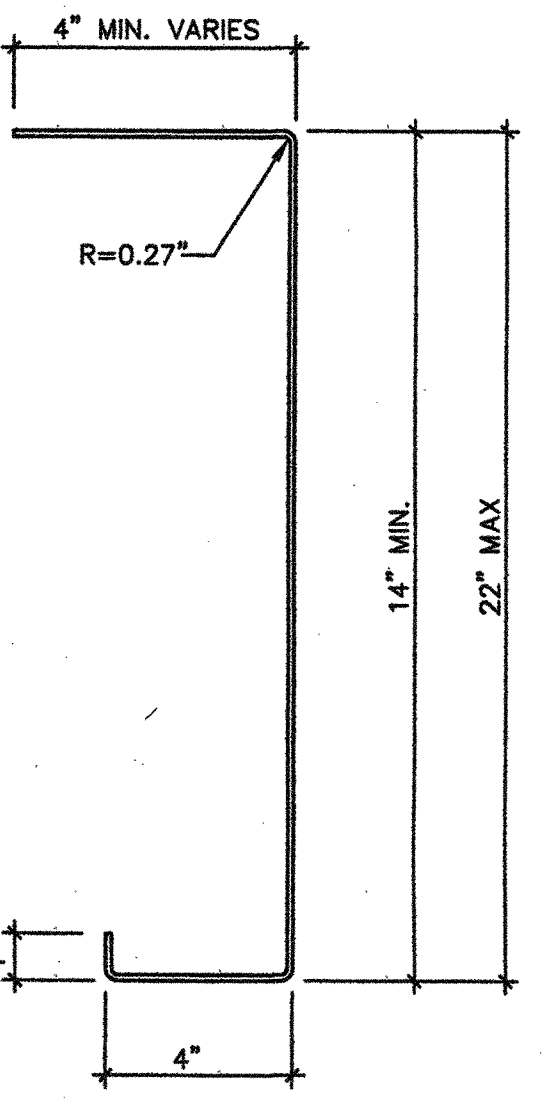
14 GA. ROOF PURLIN
ASTM = A1011
GRADE = 36
FY = 36ksi
A = 0.89 IN²
S_x = 1.65 IN³
I_x = 4.95 IN⁴
t = 0.068 IN. MIN.

NOTE:
MEMBERS TO BE FABRICATED FROM HOT ROLLED SHEETS WITH OPTIONAL RUST INHIBITIVE COATING.

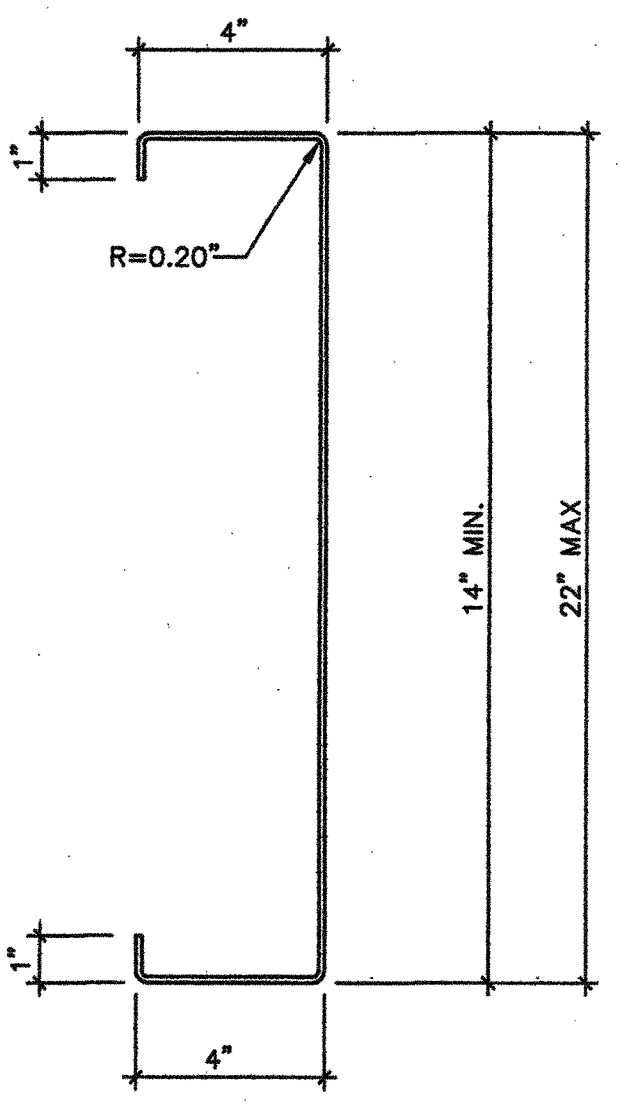
20 GALVANIZED ROOF PAN PROPERTIES

14GA FORMED SOFFIT CEE PROPERTIES

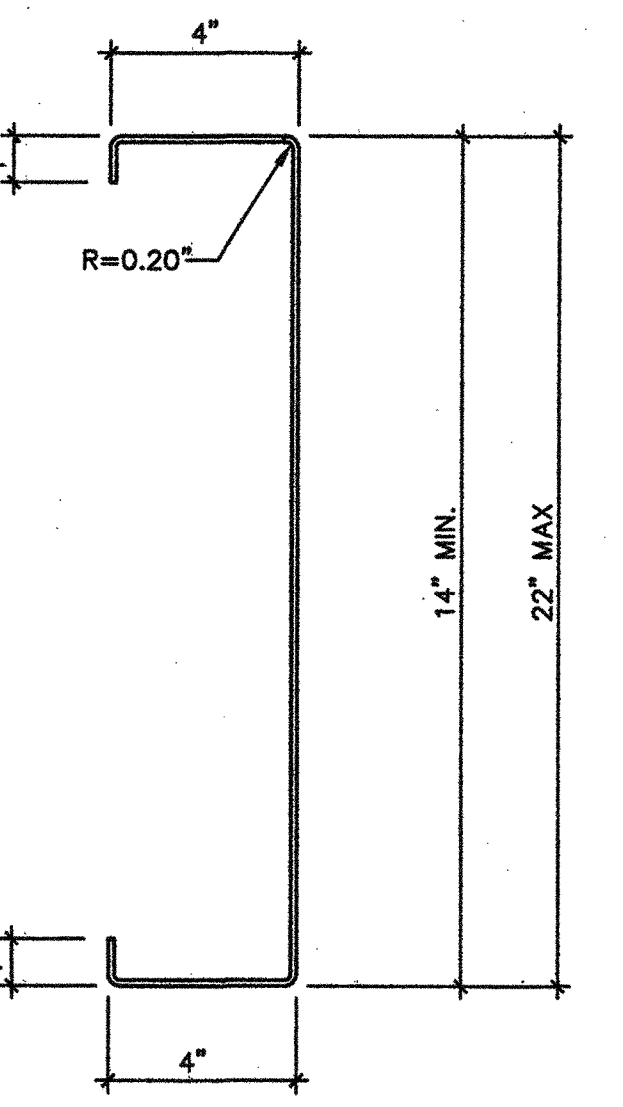
LIGHT GAUGE ROOF PURLIN PROPERTIES



10 GA. LONGITUDINAL BEAM
ASTM = A1011
GRADE = 50
FY = 50ksi
t = 0.129 IN. MIN.



12 GA. TRANSVERSE BEAM/HEADER
ASTM = A1011
GRADE = 36
FY = 36ksi
t = 0.097 IN. MIN.



10 GA. TRANSVERSE BEAM/HEADER
ASTM = A1011
GRADE = 50
FY = 50ksi
t = 0.129 IN. MIN.

	14"	18"	22
A (IN ²)	2.99	3.53	4.07
S _x MIN. (IN ³)	11.50	16.50	22.22
I _x MIN. (IN ⁴)	82.87	152.26	249.90

	14"	22"
A (IN ²)	2.36	3.17
S _x MIN. (IN ³)	9.57	18.18
I _x MIN. (IN ⁴)	67.02	199.97

	14"	22"
A (IN ²)	3.09	4.17
S _x MIN. (IN ³)	12.41	23.68
I _x MIN. (IN ⁴)	86.88	260.50

NOTE:
MEMBERS TO BE FABRICATED FROM HOT ROLLED SHEETS WITH OPTIONAL RUST INHIBITIVE COATING.

1. THE MATERIAL THICKNESS OF LIGHT GAUGE STRUCTURAL MEMBERS, IN THEIR END-USE, SHALL MEET OR EXCEED THE MINIMUM BASE METAL THICKNESS SPECIFIED ON SHEET SO.0. THE MATERIAL GAGE DESIGNATION IN THE PLAN SHALL BE USED AS REFERENCE ONLY.

LIGHT GAUGE ROOF BEAM PROPERTIES

SHEET NOTES



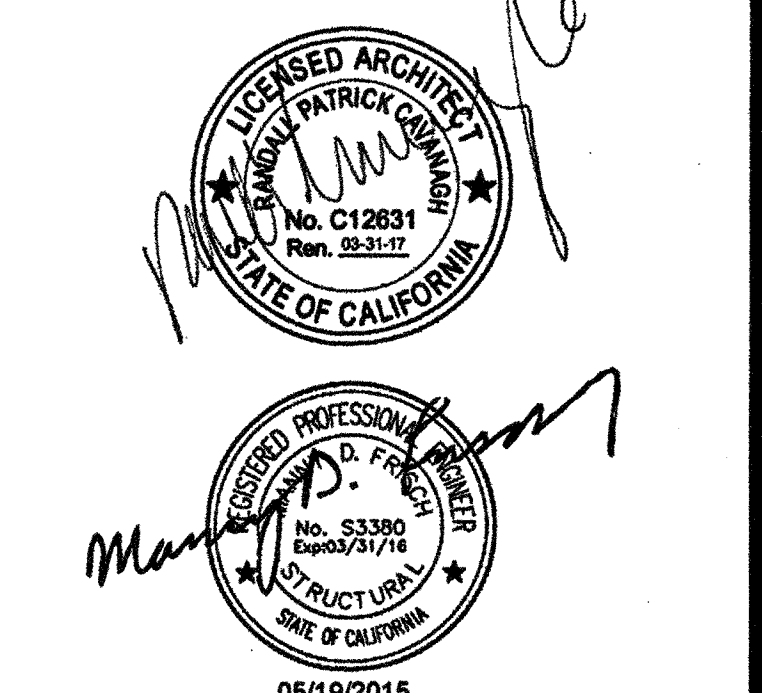
MODULAR MANUFACTURER PROPRIETARY STATEMENT
 THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
**WOOD FOUNDATION PLAN
 50 PSF LIVE LOAD + 15 PSF
 PARTITION LOAD - PLYWOOD
 OR STRUCTO-CRETE FLOOR**

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APPL 01-115705
 DATE: APR 03 2015

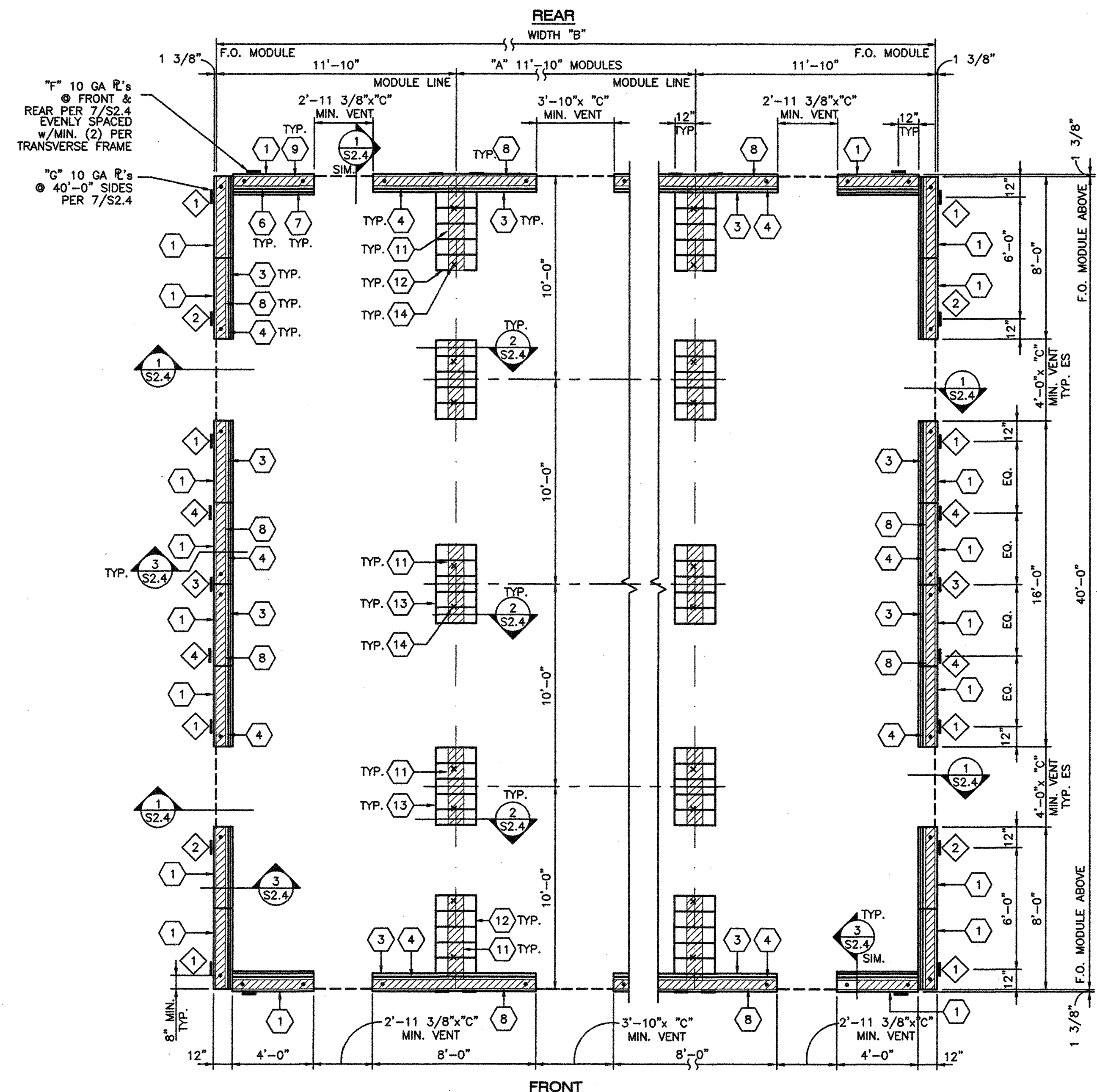
ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 CA. DEPT. OF GENERAL SERVICES
 PC 02-113876
 DATE: 6/22/15

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

REVISIONS
 DRAWN BY:
 SCALE: AS NOTED
 DATE:
 SHEET NUMBER

S2.1



- 1 1/2"x12" WIDEx48" LONG PT STRUCTURAL PLYWOOD WITH FACE GRAIN IN SHORT DIRECTION (CDX PLYWOOD)
- 2 NOT USED
- 3 SINGLE 2x10x8'-0" LONG R (PT R WHERE PLYWOOD DOESN'T OCCUR)
- 4 SINGLE 2x8x8'-0" LONG R
- 5 NOT USED
- 6 SINGLE 2x8x4'-0" LONG R
- 7 SINGLE 2x10x4'-0" LONG R
- 8 MULTIPLE 2x6x8'-0" LONG NAILER AS REQ'D FOR HEIGHT
- 9 MULTIPLE 2x6x4'-0" LONG NAILER AS REQ'D FOR HEIGHT
- 10 NOT USED
- 11 2x10 BLK, SEE 2/S2.4
- 12 (4) 2x12x3'-0" PT R OR (5) 2x10x3'-0" PT R OR (6) 2x8x3'-0" PT R, SEE 2/S2.4
- 13 (5) 2x12x3'-0" PT R OR (5) 2x10x3'-0" PT R OR (7) 2x8x3'-0" PT R, SEE 2/S2.4
- 14 LOCATION OF FLOOR BEAM ATTACHMENT TO ISOLATED PAD REFER TO DETAIL 2/S2.4

KEY NOTES

ON SOIL:
 1" STANDARD WEIGHT (1.315 ACTUAL O.D.) HOT DIPPED GALV PIPE w/12" MIN. PENETRATION MEASURED VERTICALLY BELOW SOIL SURFACE @ 10'-0" O.C., MIN. 2 EA 2x R. DRILL SILL 1 3/8" MAX. PIPE MAY BE DRIVEN MAX 45° ANGLE TO VERTICAL.

ON AC PAVING:
 1" STANDARD WEIGHT (1.315 ACTUAL O.C.) HOT DIPPED GALV PIPE w/12" MIN. PENETRATION MEASURED VERTICALLY BELOW PAVING SURFACE @ 10'-0" O.C., MIN. 2 EA. 2x R. DRILL SILL 1 3/8" MAX.

ON CONC PAVING:
 1" STANDARD WEIGHT (1.315 ACTUAL O.D.) HOT DIPPED GALV PIPE w/12" MIN. PENETRATION MEASURED VERTICALLY BELOW PAVING SURFACE @ 10'-0" O.C., MIN. 2 EA. 2x R. DRILL SILL 1 3/8" MAX. ALT. 1/2" HILTI KB-TZ'S OR SIMPSON STRONG-BOLT 2'S THRU SILL R w/3/4" MIN. CONC EMBEDMENT PER SCHEDULE BELOW (PROVIDE A MINIMUM OF 2 BOLTS AT 2x PLATE LESS THAN 5'-0" AND 4 BOLTS AT 2x PLATE LARGER THAN 5'-0" OR 2 ROWS 0.145 HILTI X-OR OR 2 ROWS SIMPSON PDPWLSS STAINLESS STEEL POWER ACTUATED FASTENERS w/1-1/2" MIN. CONC. EMBEDMENT STAGGERED AND SPACED PER SCHEDULE BELOW

LOW SEISMIC

BUILDING SIZE	KB-TZ OR SIMPSON BOLT 2 SPACING SCHEDULE	
	SIDE WALL SPACING MAX. 40' LONGITUDINAL	MAX. TRANSVERSE END WALL SPACING
24x40	62" O.C.	34" O.C.
36x40	44" O.C.	36" O.C.
48x40	34" O.C.	36" O.C.

HIGH SEISMIC

BUILDING SIZE	KB-TZ OR SIMPSON BOLT 2 SPACING SCHEDULE	
	SIDE WALL SPACING MAX. 40' LONGITUDINAL	MAX. TRANSVERSE END WALL SPACING
24x40	62" O.C.	26" O.C.
36x40	36" O.C.	27" O.C.
48x40	36" O.C.	27" O.C.

LOW SEISMIC

BUILDING SIZE	0.145 HILTI X-OR OR SIMPSON PDPWLSS POWER ACTUATED FASTENERS	
	SIDE WALL SPACING MAX. 40' LONGITUDINAL	MAX. TRANSVERSE END WALL SPACING
24x40	18" O.C.	12" O.C.
36x40	16" O.C.	12" O.C.
48x40	12" O.C.	12" O.C.

HIGH SEISMIC

BUILDING SIZE	0.145 HILTI X-OR OR SIMPSON PDPWLSS POWER ACTUATED FASTENERS	
	SIDE WALL SPACING MAX. 40' LONGITUDINAL	MAX. TRANSVERSE END WALL SPACING
24x40	16" O.C.	10" O.C.
36x40	12" O.C.	10" O.C.
48x40	10" O.C.	10" O.C.

WOOD FOUNDATION PLAN (PLYWOOD OR STRUCTO-CRETE FLOOR) 50 PSF LIVE LOAD+15 PSF PARTITION LOAD

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

BLDG SIZE (FT)	TOTAL # OF 12' WIDE MODULES	TOTAL # OF CENTER MODULES	"A" TOTAL FOUNDATION WIDTH	TOTAL FLOOR AREA (FT ²)	NET VENT AREA REQ'D (FT ²)	"C" MINIMUM HT OF VENTS (IN)	NET VENT AREA PROVIDED (FT ²)	"D" GALV NAIL OC SPACING (IN) (40' WALLS) SEE 3/S2.4	"E" GALV NAIL OC SPACING (IN) ("B" WALLS) SEE 3/S2.4	"F" # OF 10 GA SHEAR R's @ FRONT & REAR SEE 3/S2.4	"G" # OF 10 GA SHEAR R's @ SIDES (40' WALLS) SEE 3&7/S2.4		"H" EDGE NAIL (EN) SPACING (IN) (40' WALLS) SEE 3/S2.4	"J" EDGE NAIL (EN) SPACING (IN) ("B" WALLS) SEE 3/S2.4	"K" # OF ALT SHEAR R's @ SIDES (40' WALLS) SEE 5/S2.4
											# OF R's	R LOCATIONS			
24x40	2	0	23'-8"	960	6.4	3	6.9	14	8	4/SIDE	4/SIDE	1	6	4	4/SIDE
36x40	3	1	35'-6"	1440	9.6	4.5	13.3	10	8	6/SIDE	5/SIDE	1 3	4	4	6/SIDE
48x40	4	2	47'-4"	1920	12.8	4.5	16.2	8	8	8/SIDE	7/SIDE	1 2 3	4	4	7/SIDE

NOT USED

MODULE SCHEDULE - 48x40' MAX

- TOP OF WOOD PADS TO BE LEVEL.
- DO NOT INSTALL BUILDINGS IN AREAS OF WATER LINES.
- SITE TO BE GRADED TO PREVENT WATER PONDING BENEATH THE STRUCTURE.
- FOUNDATION PLYWOOD TO BE CUT PERPENDICULAR TO THE FACE GRAIN.
- PER THE CONTRACT OF THIS PROJECT- THE BUILDING PAD MUST BE A MINIMUM OF 38'-0" FRONT TO REAR, BUILDING WIDTH PLUS 6'-0" SIDE TO SIDE AND SHALL NOT EXCEED 6" OUT OF LEVEL IN ANY DIRECTION.
- STUCCO WALLS ARE NOT ALLOWED ON WOOD FOUNDATIONS.
- PROJECT ARCHITECT SHOULD VERIFY THE NET AREA OF THE VENT COVER BE EQUAL OR LARGER THAN THE VENT AREA REQUIRED SHOWN ON THE TABLE.

FOUNDATIONS:
 ALL FOUNDATION MATERIALS IN CONTACT WITH THE GROUND SHALL BE PRESSURE TREATED OR REDWOOD EXCEPT SHIMS MAY BE REDWOOD, HEM FIR OR CEDAR. PRESSURE TREATED DOUGLAS FIR, HEM FIR, PLYWOOD OR OSB SHALL BE VERIFIED BY A CERTIFICATE OF TREATMENT STATING: "THE MATERIAL IN THIS UNIT WAS TREATED PER 2013 CALIFORNIA BUILDING CODE. ALL MATERIAL FOR USE IN GROUND CONTACT SHALL BE STAMPED "FOR GROUND CONTACT" (U1 & T1). ALL MATERIAL NOT USED IN GROUND CONTACT SHALL BE HF#2 OR DF#2 "FOR ABOVE GROUND USE". THE IN-PLANT INSPECTOR SHALL VERIFY THAT ALL PRESSURE TREATED FOUNDATION MATERIAL IS CUT FROM AWPA STAMPED STOCK AND THAT ALL CUTS AND HOLES ARE RETREATED PER SPECIFICATIONS. U1 AND T1 MATERIAL SHALL BE BANDED SEPARATELY FOR SHIPMENT TO THE JOB SITE. THE IN-PLANT INSPECTOR'S VERIFICATION OF EACH BANDED UNIT SHALL BE ATTACHED TO THE MATERIAL. CONCRETE OR CONCRETE BLOCK FOUNDATIONS ARE NOT ALLOWED. THE FOOTING DESIGN SHALL PROVIDE FOR SHIMS AND BLOCKS NECESSARY TO PERMIT INSTALLATION ON SITES NOT LEVEL, BUT WITHIN TOLERANCE ALLOWED. INSTALLATION SHALL BE PERMITTED ON EITHER SOIL, CONCRETE OR AC PAVING, HAVING SUITABLE DESIGN BEARING CAPACITY. THE BUILDINGS SHALL BE SECURELY FASTENED TO THE FOUNDATIONS. THE FOUNDATIONS AND THE METHOD OF FASTENING SHALL BE SUBJECT TO APPROVAL BY THE ARCHITECT AND DSA. PADS SHALL BE DESIGNED FOR A MAXIMUM OF 1000 PSF LOAD ON THE SOIL. PADS SHALL NOT BE PLACED ON TURF.

SHEET NOTES

B

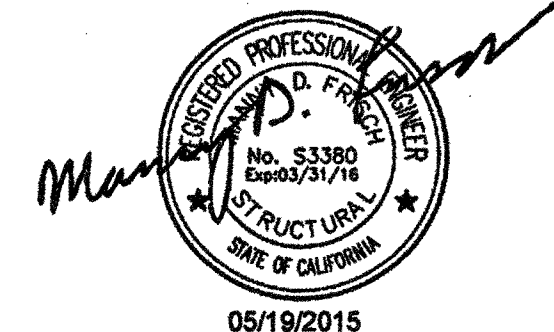
MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
WOOD FOUNDATION DETAILS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



05/19/2015
PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01-115705

DATE APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
CA. DEPT. OF GENERAL SERVICES

PC 02-113876

DATE 6/22/15

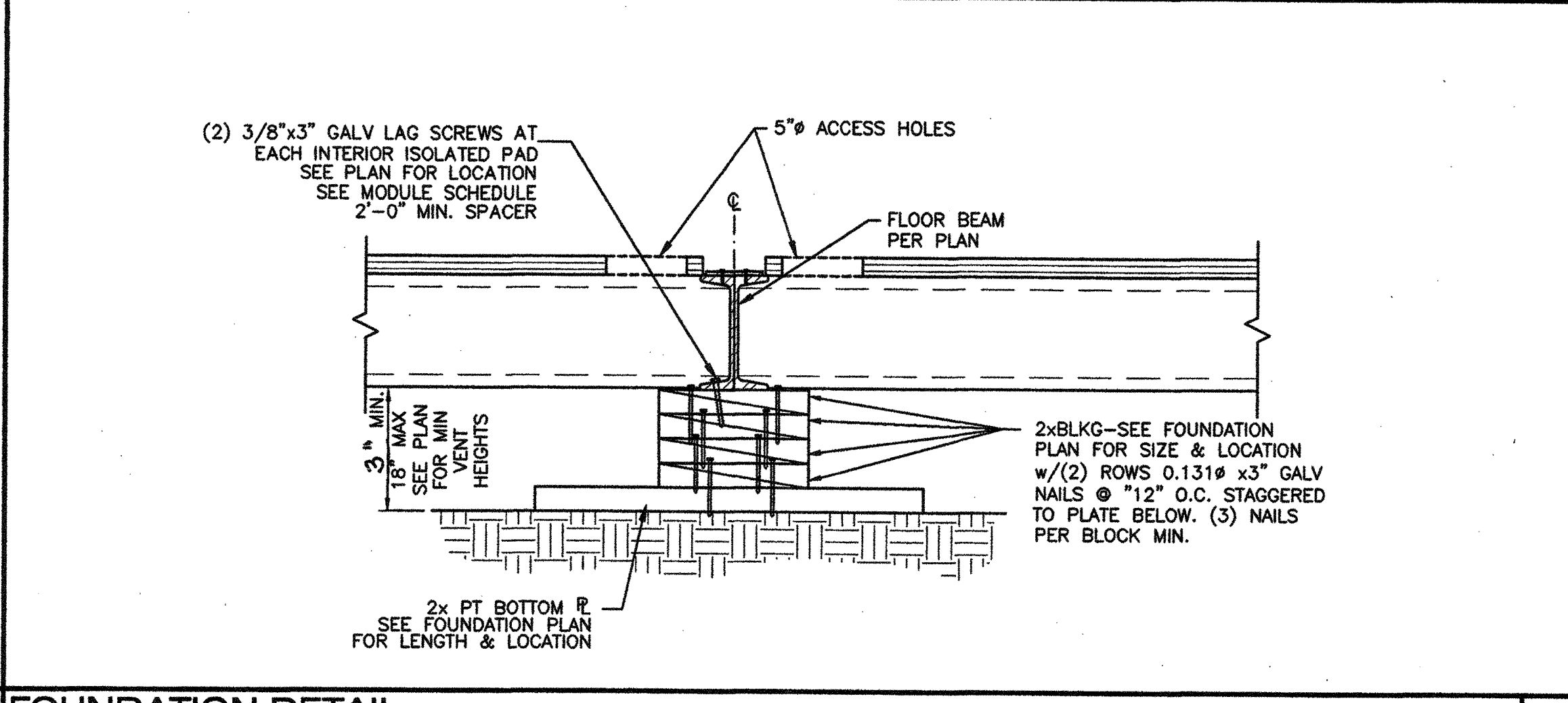
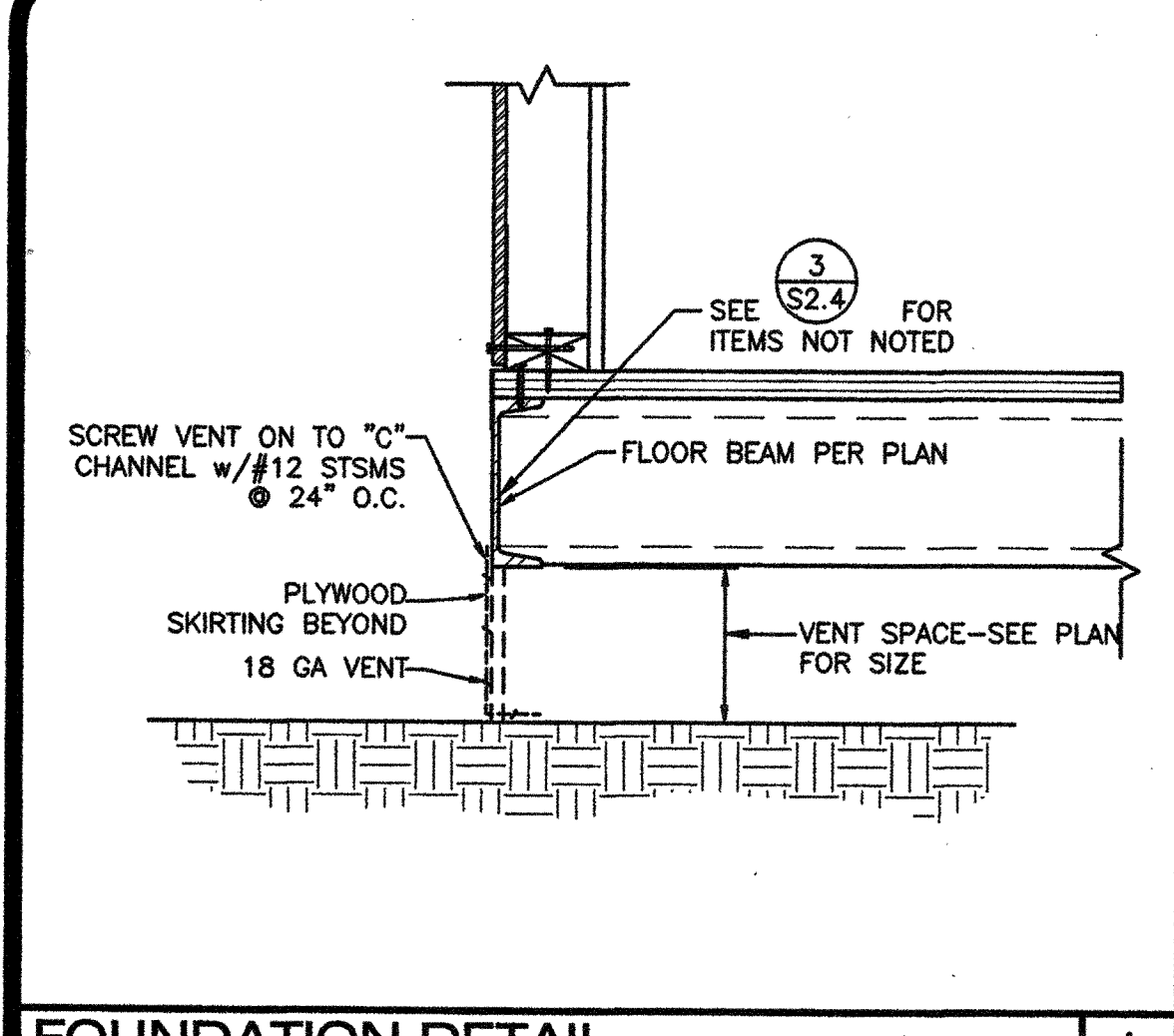
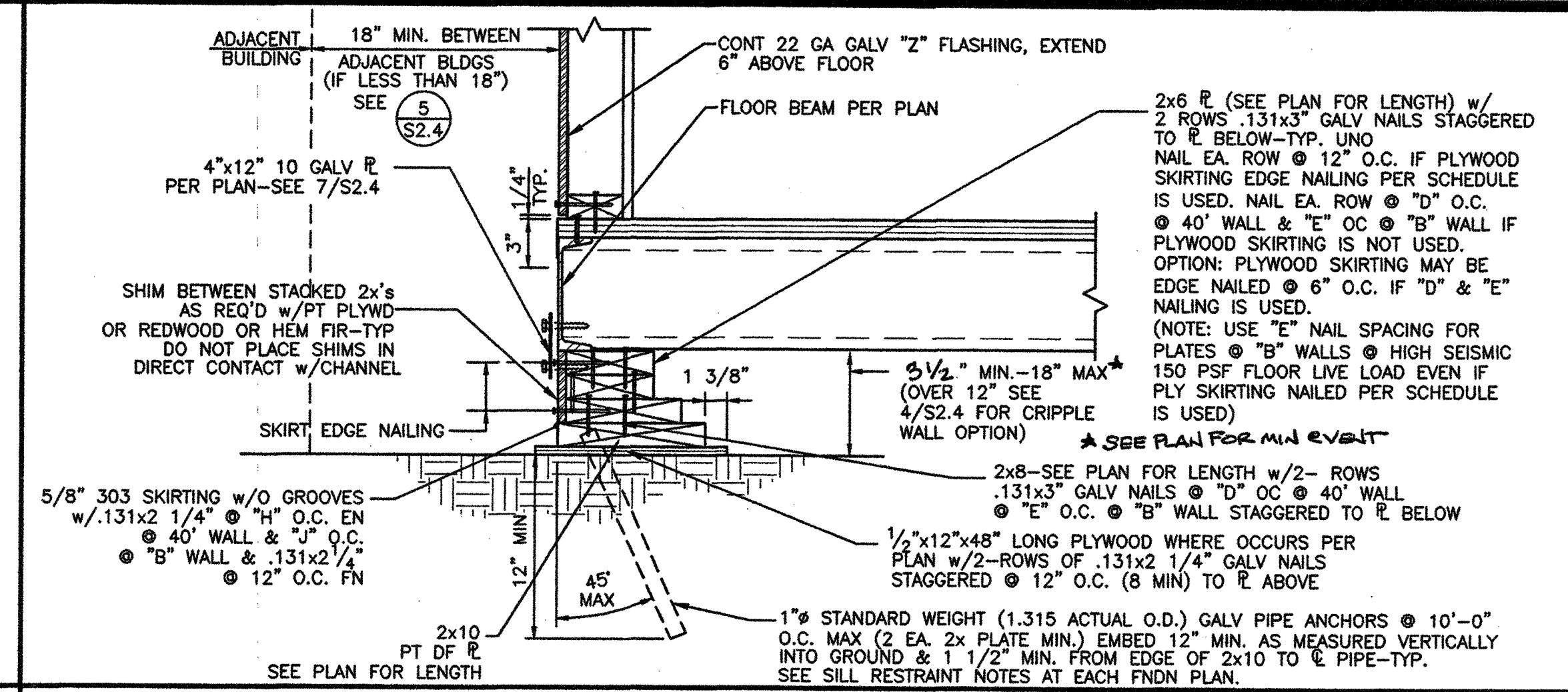
PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS

DRAWN BY:
SCALE: AS NOTED
DATE:

SHEET NUMBER

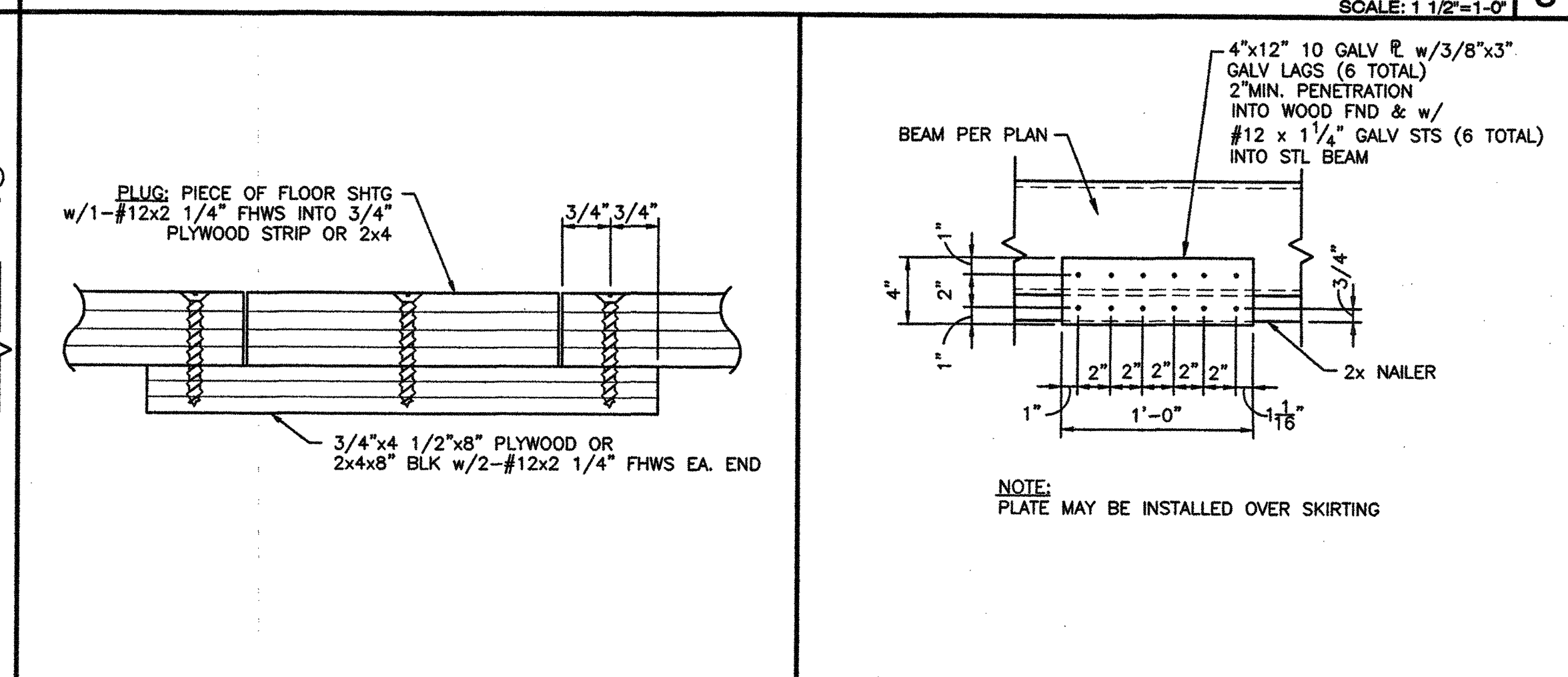
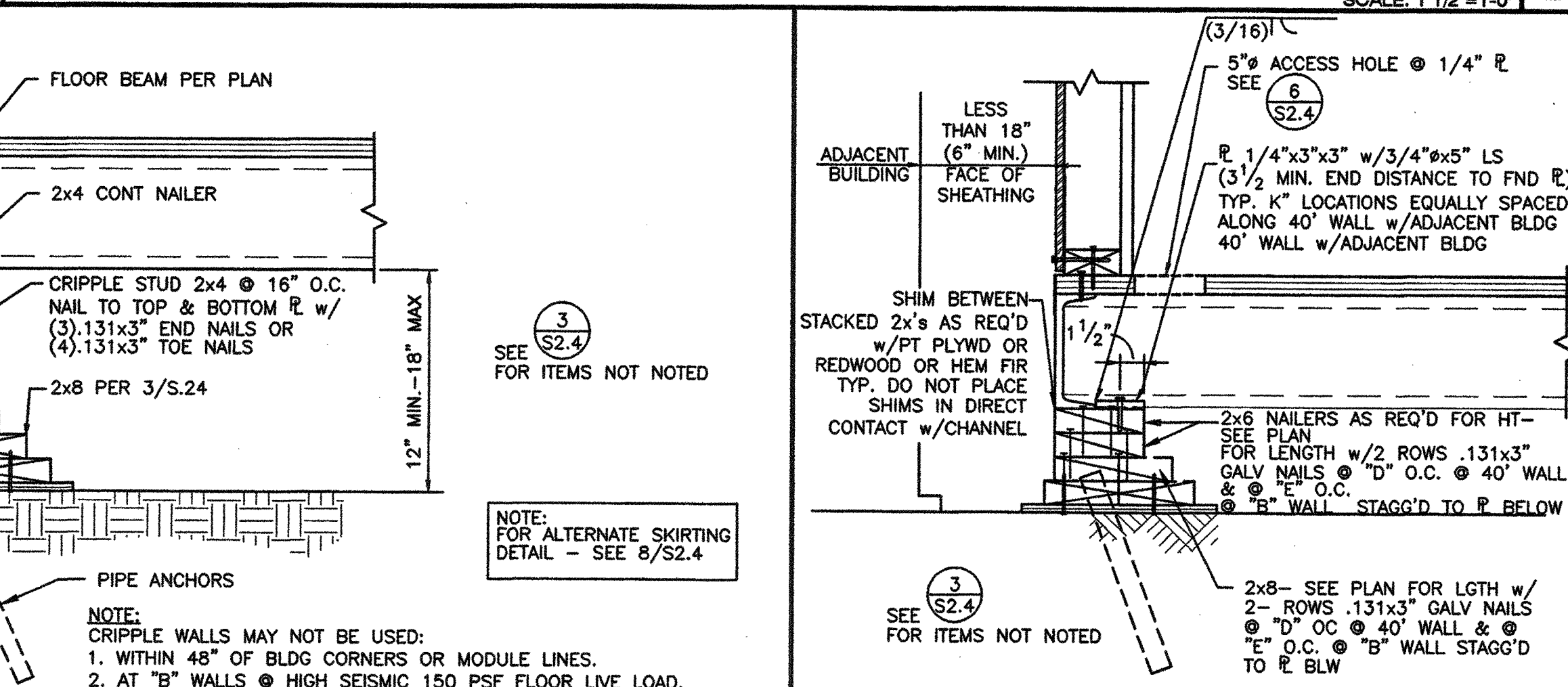
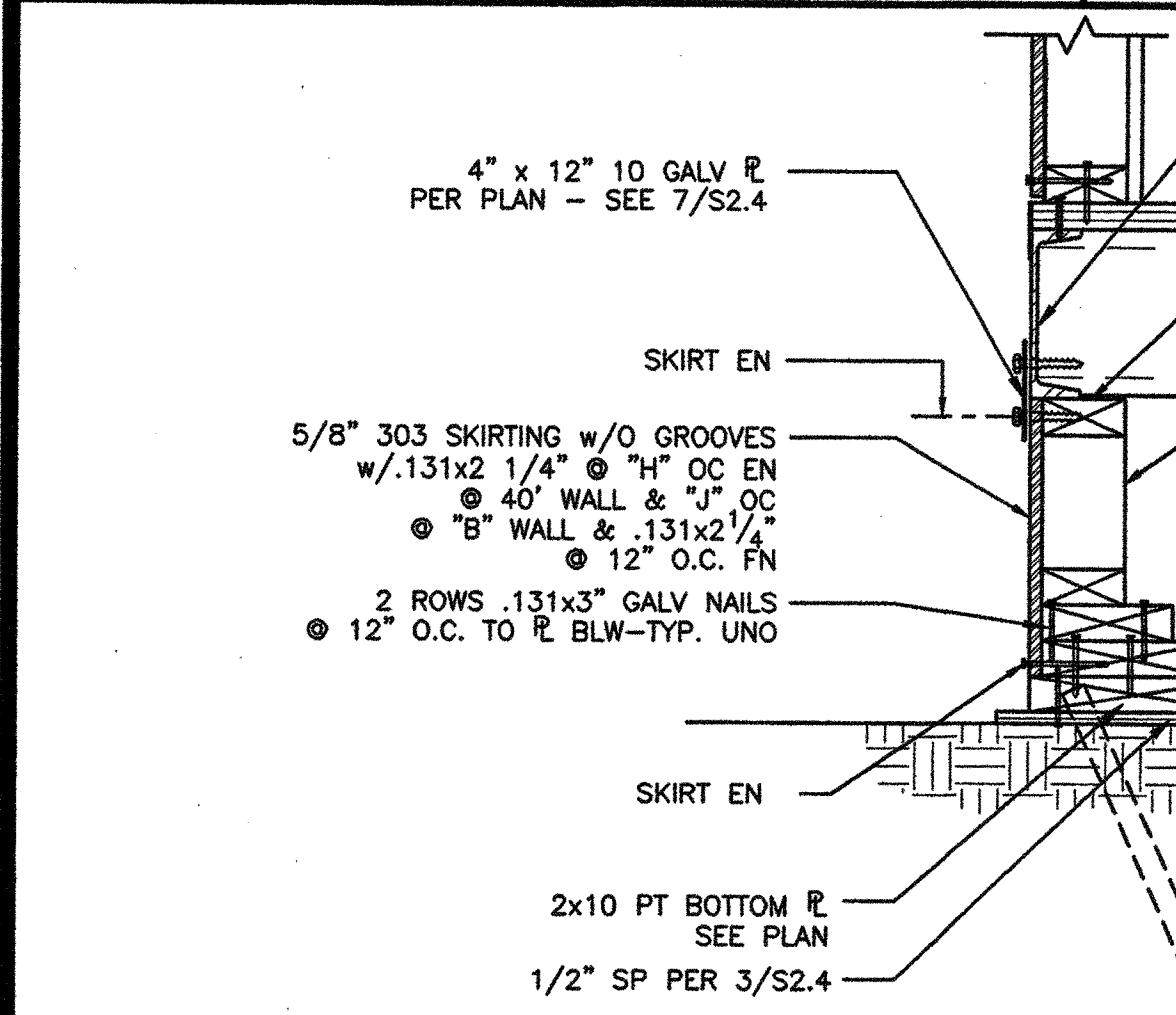
S2.4



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

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

FOUNDATION DETAIL SCALE: 1 1/2"=1'-0" 3

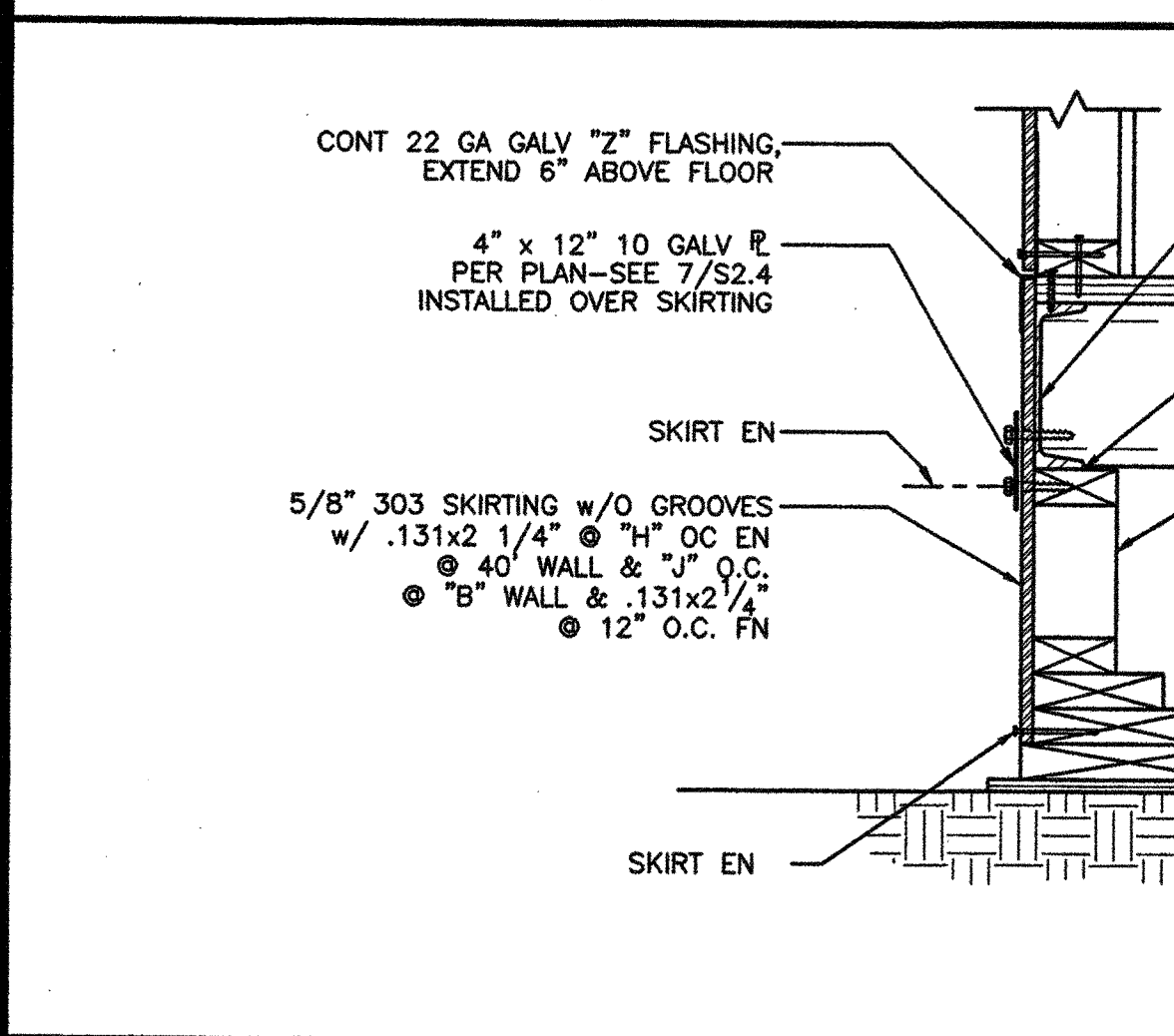


FOUNDATION DETAIL SCALE: 1 1/2"=1'-0" 4

FOUNDATION DETAIL SCALE: 1 1/2"=1'-0" 5

FILLER ACCESS HOLE DETAIL SCALE: 1 1/2"=1'-0" 6

FOUNDATION DETAIL SCALE: 1 1/2"=1'-0" 7



NOT USED

NOT USED

NOT USED

ALTERNATE SKIRTING DETAIL SCALE: 1 1/2"=1'-0" 8

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
**FLOOR FRAMING PLAN
PLYWOOD OR
STRUCTO-CRETE FLOOR**

MANUFACTURER PROFESSIONAL OF RECORD ON PC

05/19/2015

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01-115705
DATE APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

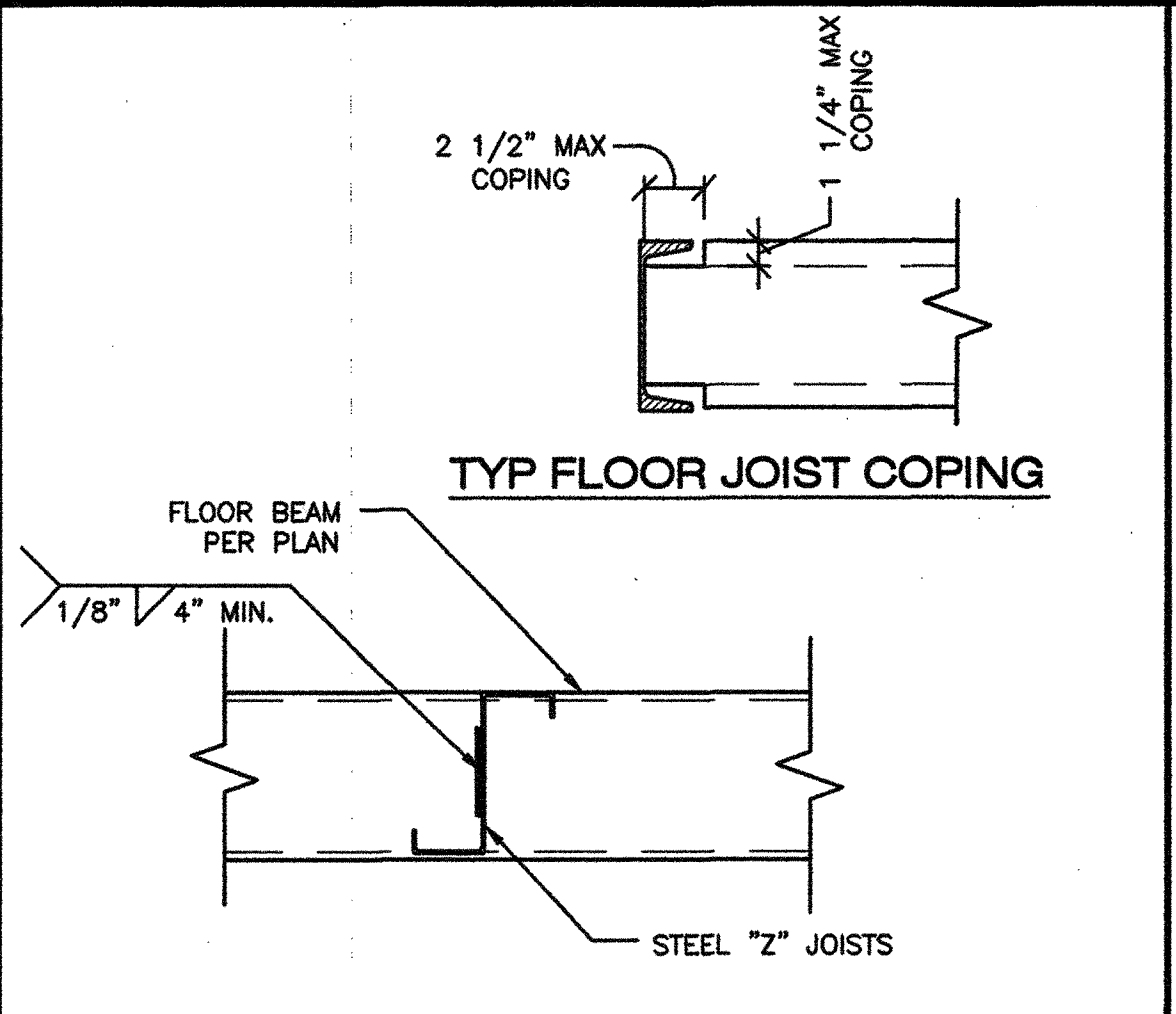
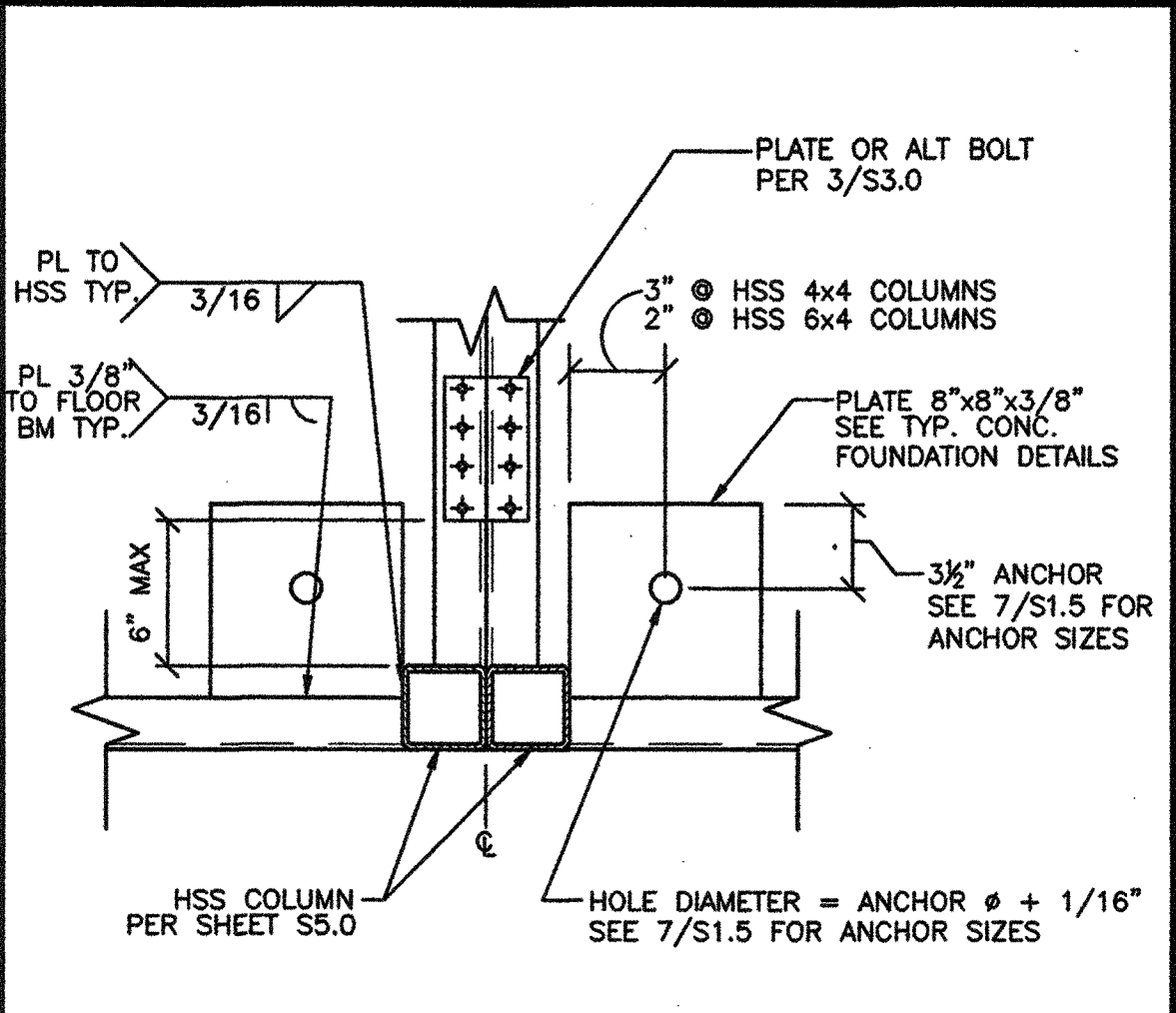
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CA. DEPT. OF GENERAL SERVICES
PC 02-113876
DATE 6/22/15

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

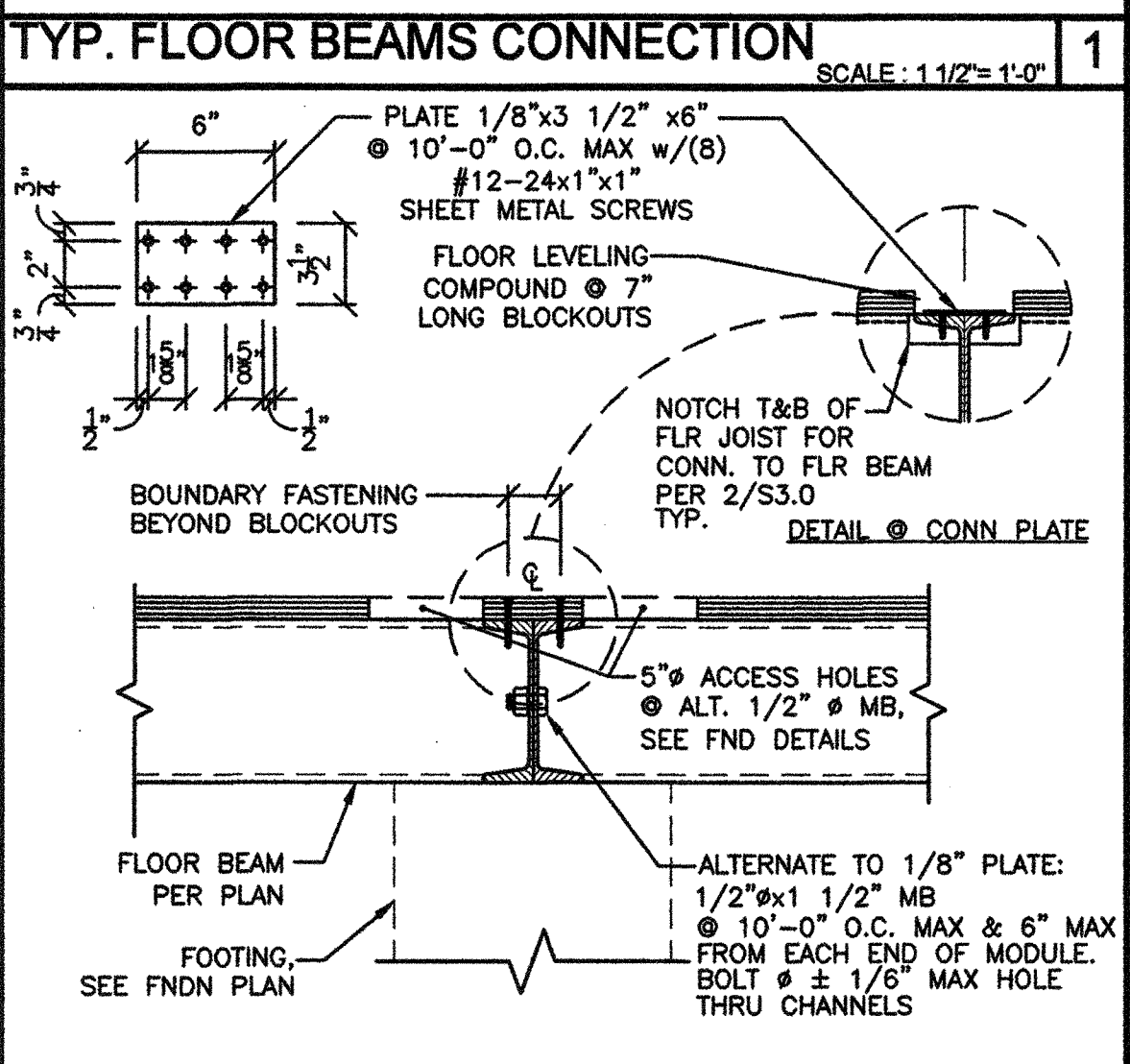
REVISIONS

DRAWN BY:
SCALE: AS NOTED
DATE:

SHEET NUMBER
S3.0



- KEY NOTES
- FLOOR BEAM PER SHEET S5.0. USE SINGLE SIZE CHANNEL THROUGHOUT FLOOR SYSTEM.
 - HSS COLUMN PER SHEET S5.0
 - FLOOR JOIST - SEE SCHEDULE
 - 1 1/8" T&G PLYWOOD FLOOR SHIT-G STURDI-I-FLOOR 48" O.C. SPAN RATING EXP. 1 CONFORMING TO PS 1-09 OPTION: UNI-FLOOR BY PITTSBURGH TESTING LAB CONFORMING TO PS 1-09. STAGGER SHEETS 48" O.C. AS SHOWN w/FACE GRAIN NORMAL TO FLOOR JOISTS. FASTEN PER SCHEDULES ALTERNATE TO 1-1/8" PLYWOOD: 3/4" THICK x 4" WIDE x 8' LONG TONGUE AND GROOVE EDGES USG STRUCTO-CRETE HIGH STRENGTH REINFORCED CEMENTITIOUS FLOOR SHEATHING PANELS. ATTACH TO FLOOR JOIST w/#8-18 (0.164") x 1-5/8" LONG BUGLE HEAD (0.36") SDSTS COMPLYING WITH ASTM C954. REFER TO TYPICAL STRUCTO-CRETE FASTENER LAYOUT PATTERN PLAN FOR SPACING (DETAIL 4/S3.0) PER ICC ESR-1792
 - PLATE 1/8" x 3 1/2" x 6" @ 10'-0" O.C. MAX w/(8) #12-24x1" SHEET METAL SCREWS-SEE DETAIL 3/S3.0 ALTERNATE: 1/2" x 1 1/2" MB @ 10'-0" O.C. MAX AND 6" MAX FROM EACH END OF MODULE. BOLT @ ± 1/6" MAX HOLE THRU CHANNELS-SEE DETAIL 3/S3.0
 - 3"x3"x14 GA. BLOCKING ANGLE PER DETAIL 5/S3.0 AT UNSUPPORTED PLYWOOD EDGES WHERE SPECIFIED IN THE FASTENING SCHEDULES ON WOOD FOUNDATION ONLY



FASTENER SPACING SCHEDULE @ FLOORS ON CONCRETE FOUNDATIONS

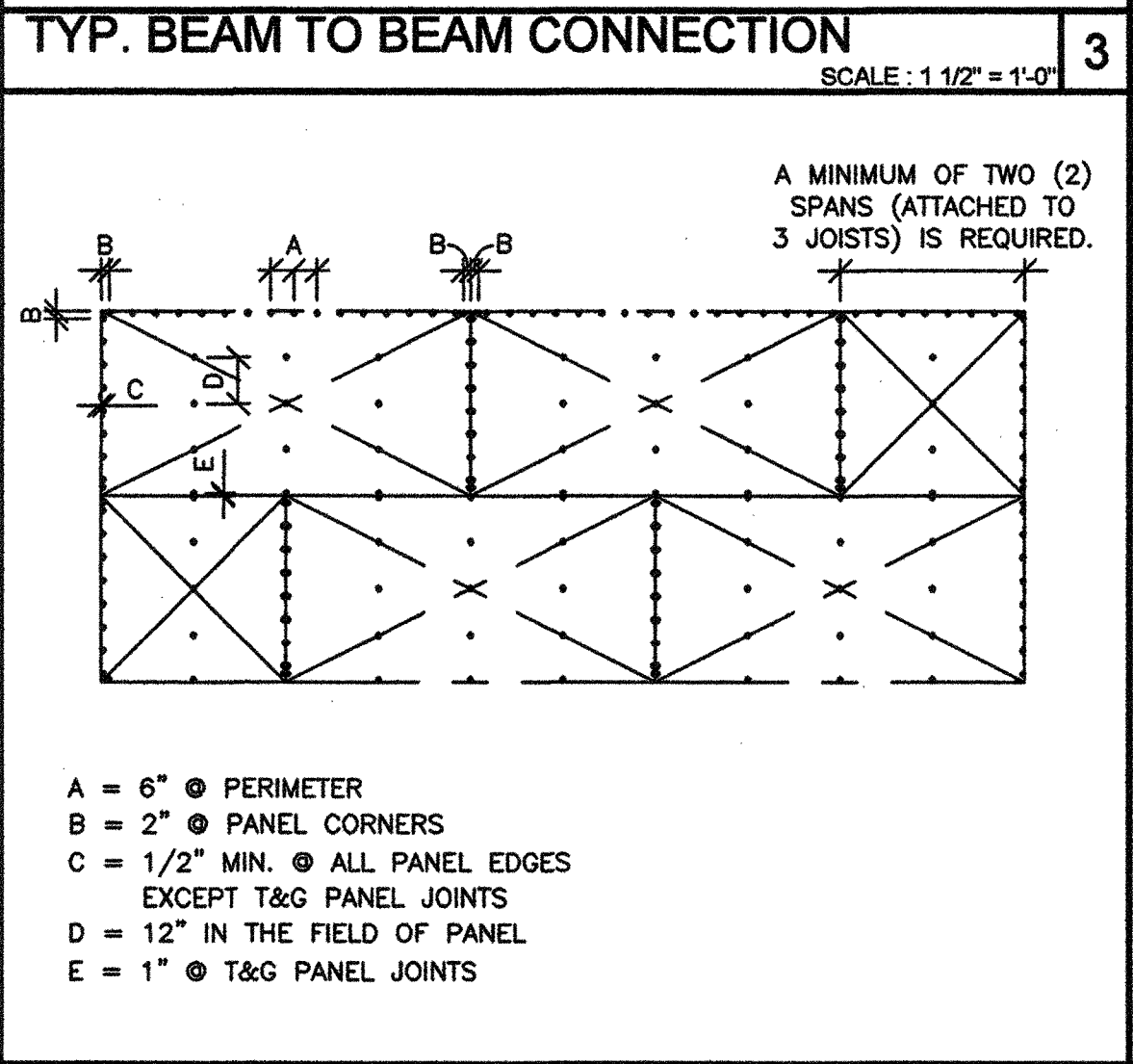
BOUNDARY	EDGE	**FIELD
#12x2 1/4" TEK SCREW	ET&F 0.144x2" POWER DRIVEN PINS	ET&F 0.144x2" POWER DRIVEN PINS
6" O.C.	6" O.C.	12" O.C.

**6" O.C. WHEN FLOOR JOISTS ARE SPACED @ 48" O.C.
NOTE: SCHEDULE GOOD FOR ALL SEISMIC CONDITIONS

BOUNDARY	EDGE	**FIELD
#12x2 1/4" TEK SCREW	#10x2 1/4" TEK SCREW	#10x2 1/4" TEK SCREW
6" O.C.	6" O.C.	12" O.C.

**6" O.C. WHEN FLOOR JOISTS ARE SPACED @ 48" O.C.
NOTE: SCHEDULE GOOD FOR ALL SEISMIC CONDITIONS

- GENERAL NOTES
- THE LONGITUDINAL FLOOR CHANNEL CONNECTIONS ARE NOMINAL AND ARE NOT REQUIRED STRUCTURALLY AT BUILDINGS ON CONCRETE FOUNDATIONS.
 - THE MATERIAL THICKNESS OF LIGHT GAUGE STRUCTURAL MEMBERS, IN THEIR END-USE, SHALL MEET OR EXCEED THE MINIMUM BASE METAL THICKNESS SPECIFIED ON SHEET S0.0. THE MATERIAL GAGE DESIGNATION IN THE PLAN SHALL BE USED AS REFERENCE ONLY.
 - TEKS SCREWS PER ICC ESR-1976. ET&F PINS PER ANALYSIS REPORT DATED 10/6/14. IAPMO REPORT PENDING. (VALUES TAKEN AS 10% OF REPORT VALUE)



FASTENER SPACING SCHEDULE @ FLOORS ON WOOD FOUNDATIONS

LOW SEISMIC

BUILDING SIZE	BOUNDARY	EDGE	**FIELD
24'x40'	#12x2 1/4" TEK SCREW	ET&F 0.144x2" POWER DRIVEN PINS	ET&F 0.144x2" POWER DRIVEN PINS
36'x40'	6" O.C.	6" O.C.	12" O.C.
48'x40'	6" O.C.	6" O.C.	12" O.C.

**6" O.C. WHEN FLOOR JOISTS ARE SPACED @ 48" O.C.
*BLOCK UNSUPPORTED PLYWOOD EDGES @ THE TWO END MODULES PER DETAIL 5/S3.0

HIGH SEISMIC

BUILDING SIZE	BOUNDARY	EDGE	**FIELD
24'x40'	#12x2 1/4" TEK SCREW	ET&F 0.144x2" POWER DRIVEN PINS	ET&F 0.144x2" POWER DRIVEN PINS
36'x40'	6" O.C.	6" O.C.	12" O.C.
48'x40'	6" O.C.	6" O.C.	12" O.C.

**6" O.C. WHEN FLOOR JOISTS ARE SPACED @ 48" O.C.

FASTENER SPACING SCHEDULE @ FLOORS ON WOOD FOUNDATIONS

LOW SEISMIC

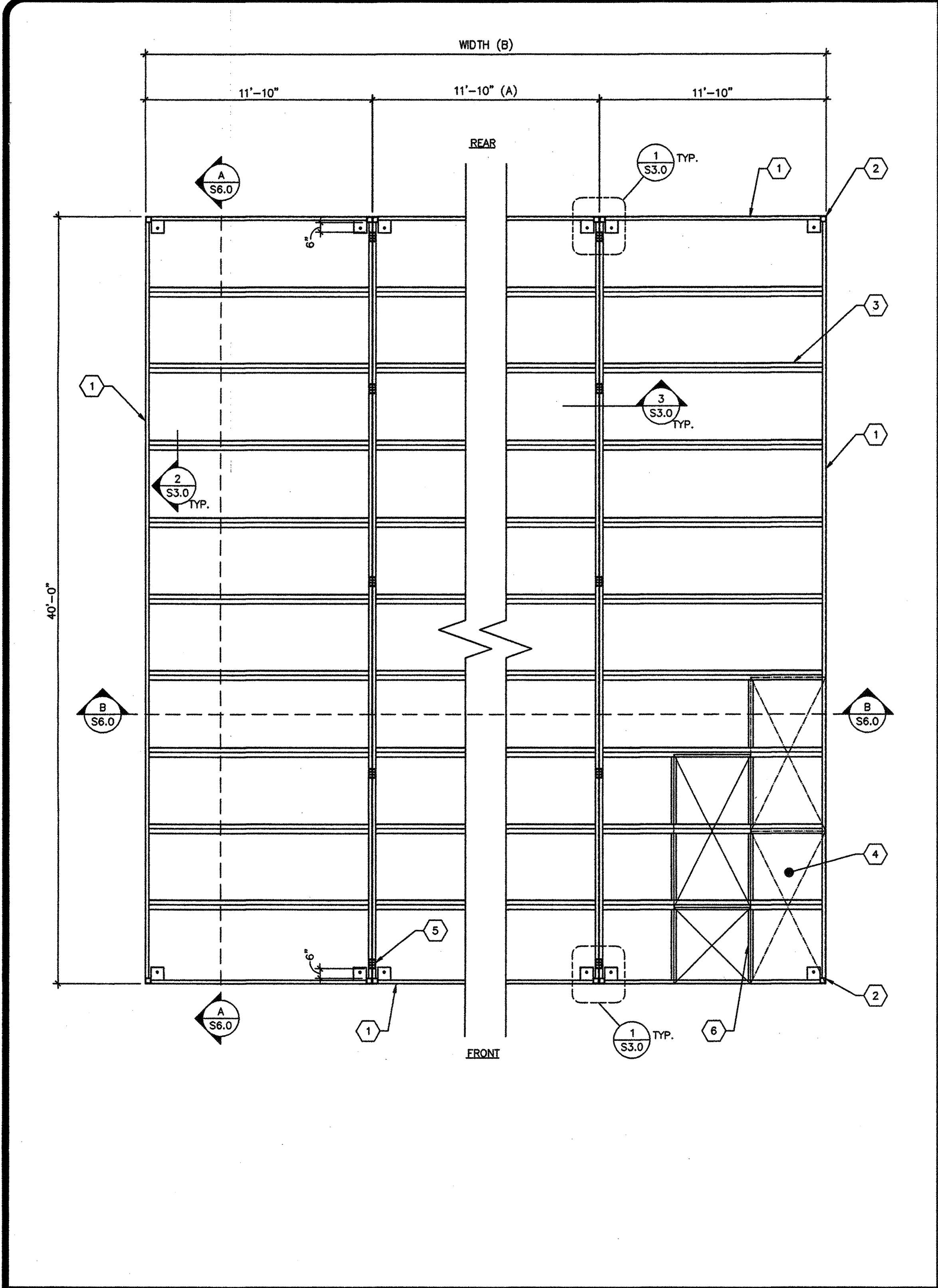
BUILDING SIZE	BOUNDARY	EDGE	**FIELD
24'x40'	#12x2 1/4" TEK SCREW	#12x2 1/4" TEK SCREW	#12x2 1/4" TEK SCREW
36'x40'	6" O.C.	6" O.C.	12" O.C.
48'x40'	6" O.C.	6" O.C.	12" O.C.

**6" O.C. WHEN FLOOR JOISTS ARE SPACED @ 48" O.C.
*BLOCK UNSUPPORTED PLYWOOD EDGES @ THE TWO END MODULES PER DETAIL 5/S3.0

HIGH SEISMIC

BUILDING SIZE	BOUNDARY	EDGE	**FIELD
24'x40'	#12x2 1/4" TEK SCREW	#12x2 1/4" TEK SCREW	#12x2 1/4" TEK SCREW
36'x40'	6" O.C.	6" O.C.	12" O.C.
48'x40'	6" O.C.	6" O.C.	12" O.C.

**6" O.C. WHEN FLOOR JOISTS ARE SPACED @ 48" O.C.



MODULE SCHEDULE

BLDG SIZE (FT)	TOTAL # OF 12' WIDE MODULES	"A" TOTAL # OF CENTER MODULES	"B" TOTAL BLDG WIDTH
24' x 40'	2	0	23'-8 1/4"
36' x 40'	3	1	35'-6 1/2"
48' x 40'	4	2	47'-4 3/4"
60' x 40'	5	3	59'-3"
72' x 40'	6	4	71'-1 1/4"
84' x 40'	7	5	82'-11 1/2"
96' x 40'	8	6	94'-9 3/4"
108' x 40'	9	7	106'-8"
120' x 40'	10	8	118'-6 1/4"

FLOOR JOIST SCHEDULE (PLYWOOD FLOOR)

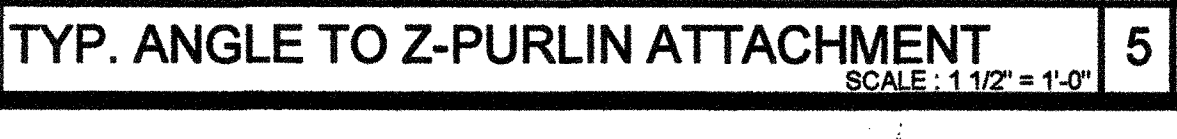
LIVE LOAD PSF	14 GA. JOIST	12 GA. JOIST
50 PSF	32" O.C.	48" O.C.
50+15 PSF	32" O.C.	48" O.C.
100 PSF	16" O.C.	32" O.C.
150 PSF	-	16" O.C.

NOTE: FOR SECTION PROPERTIES - SEE S0.0

FLOOR JOIST SCHEDULE (STRUCTO-CRETE FLOOR)

LIVE LOAD PSF	14 GA. JOIST	12 GA. JOIST
50 PSF	32" O.C.	48" O.C.
50+15 PSF	24" O.C.	24" O.C.
100 PSF	16" O.C.	24" O.C.
150 PSF	-	-

NOTE: FOR SECTION PROPERTIES - SEE S0.0



ALTERNATE FASTENER SPACING SCHEDULE @ FLOORS ON WOOD FOUNDATIONS

LOW SEISMIC

BUILDING SIZE	BOUNDARY	EDGE	**FIELD
24'x40'	#12x2 1/4" TEK SCREW	#12x2 1/4" TEK SCREW	#12x2 1/4" TEK SCREW
36'x40'	6" O.C.	6" O.C.	12" O.C.
48'x40'	6" O.C.	6" O.C.	12" O.C.

**6" O.C. WHEN FLOOR JOISTS ARE SPACED @ 48" O.C.
*BLOCK UNSUPPORTED PLYWOOD EDGES @ TWO END MODULES PER DETAIL 5/S3.0

HIGH SEISMIC

BUILDING SIZE	BOUNDARY	EDGE	**FIELD
24'x40'	#12x2 1/4" TEK SCREW	#12x2 1/4" TEK SCREW	#12x2 1/4" TEK SCREW
36'x40'	6" O.C.	6" O.C.	12" O.C.
48'x40'	6" O.C.	6" O.C.	12" O.C.

**6" O.C. WHEN FLOOR JOISTS ARE SPACED @ 48" O.C.

FASTENER SPACING SCHEDULE @ FLOORS ON WOOD FOUNDATIONS

LOW SEISMIC

BUILDING SIZE	BOUNDARY	EDGE	**FIELD
24'x40'	#12x2 1/4" TEK SCREW	ET&F 0.144x2" POWER DRIVEN PINS	ET&F 0.144x2" POWER DRIVEN PINS
36'x40'	6" O.C.	6" O.C.	12" O.C.
48'x40'	6" O.C.	6" O.C.	12" O.C.

**6" O.C. WHEN FLOOR JOISTS ARE SPACED @ 48" O.C.
*BLOCK UNSUPPORTED PLYWOOD EDGES @ THE TWO END MODULES PER DETAIL 5/S3.0

HIGH SEISMIC

BUILDING SIZE	BOUNDARY	EDGE	**FIELD
24'x40'	#12x2 1/4" TEK SCREW	ET&F 0.144x2" POWER DRIVEN PINS	ET&F 0.144x2" POWER DRIVEN PINS
36'x40'	6" O.C.	6" O.C.	12" O.C.
48'x40'	6" O.C.	6" O.C.	12" O.C.

**6" O.C. WHEN FLOOR JOISTS ARE SPACED @ 48" O.C.

MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
**ROOF FRAMING PLAN & DETAILS
OPEN SOFFIT OPTION**

MANUFACTURER PROFESSIONAL OF RECORD ON PC

05/19/2015
PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01-115705
ACS FLS SSS
DATE APR 08 2015

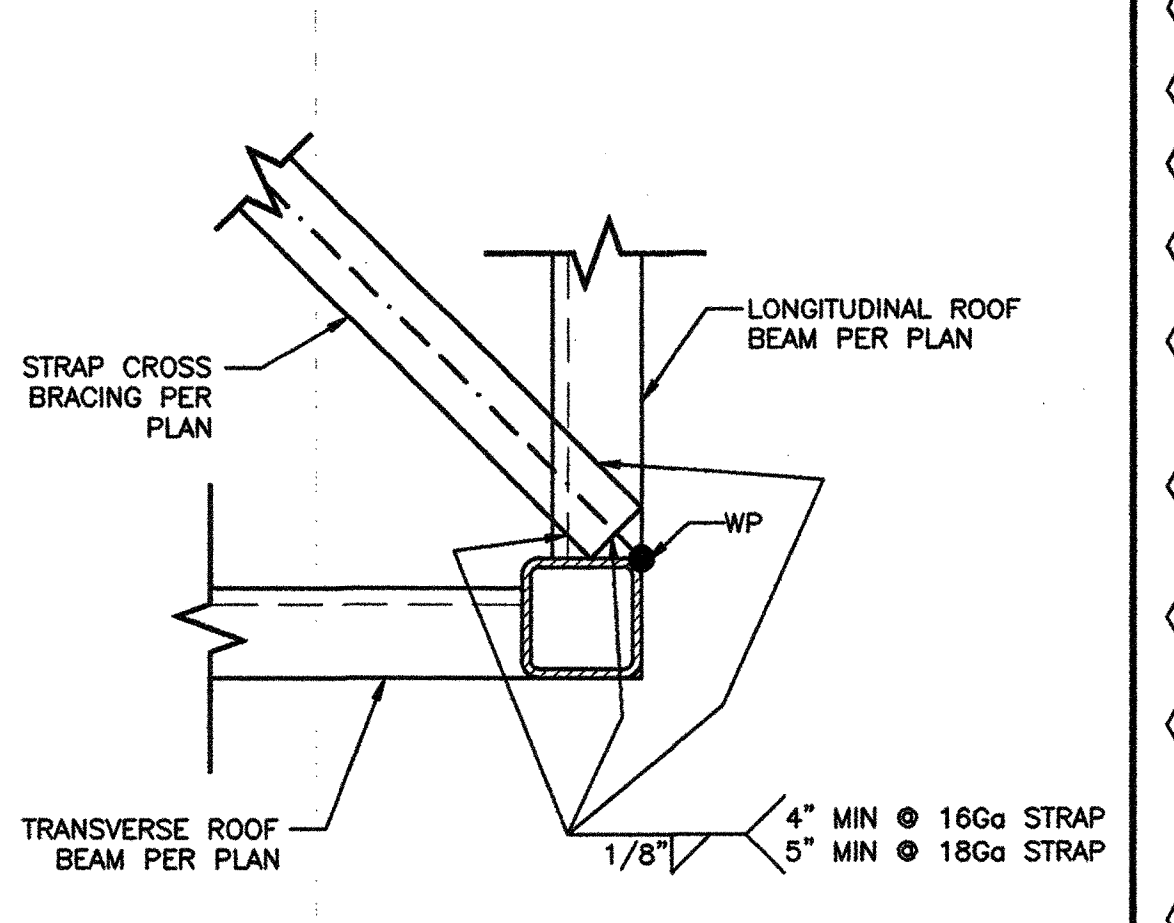
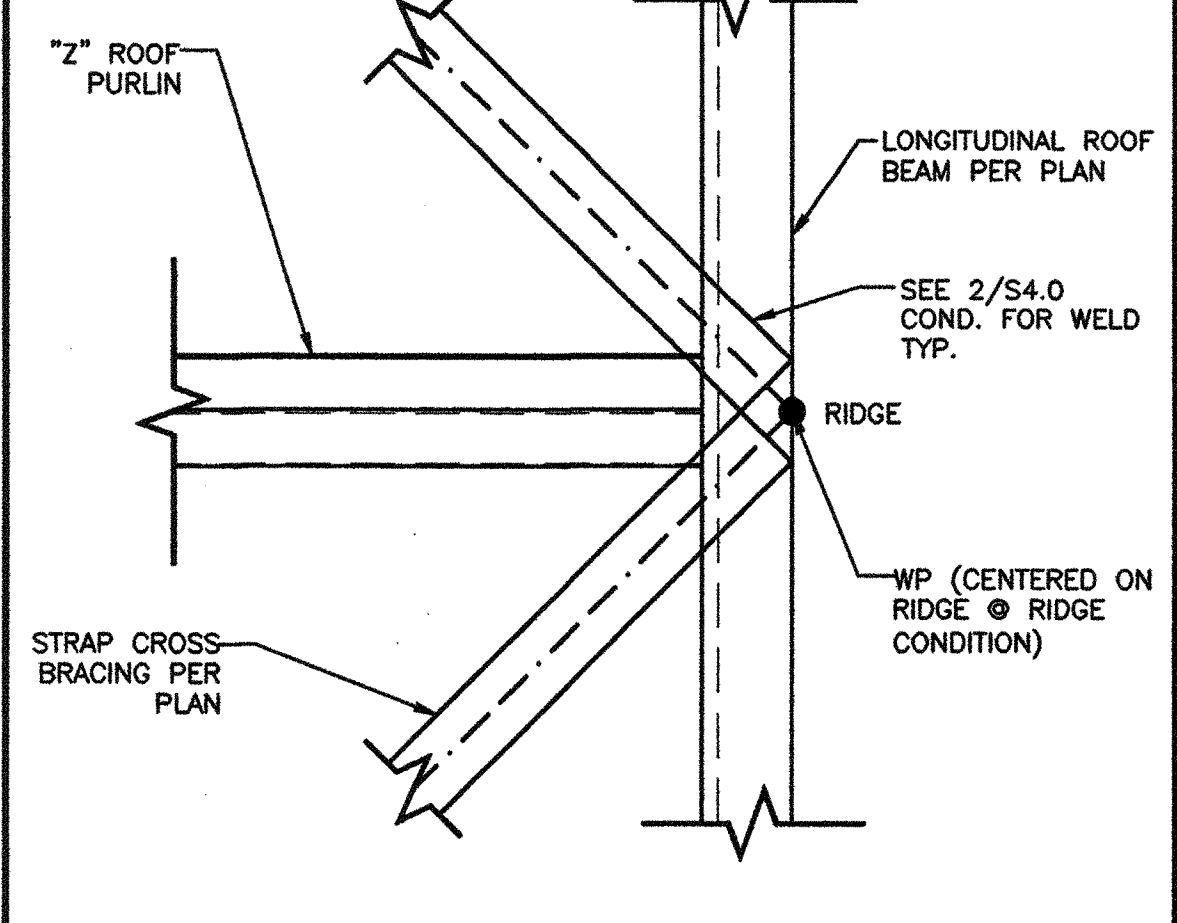
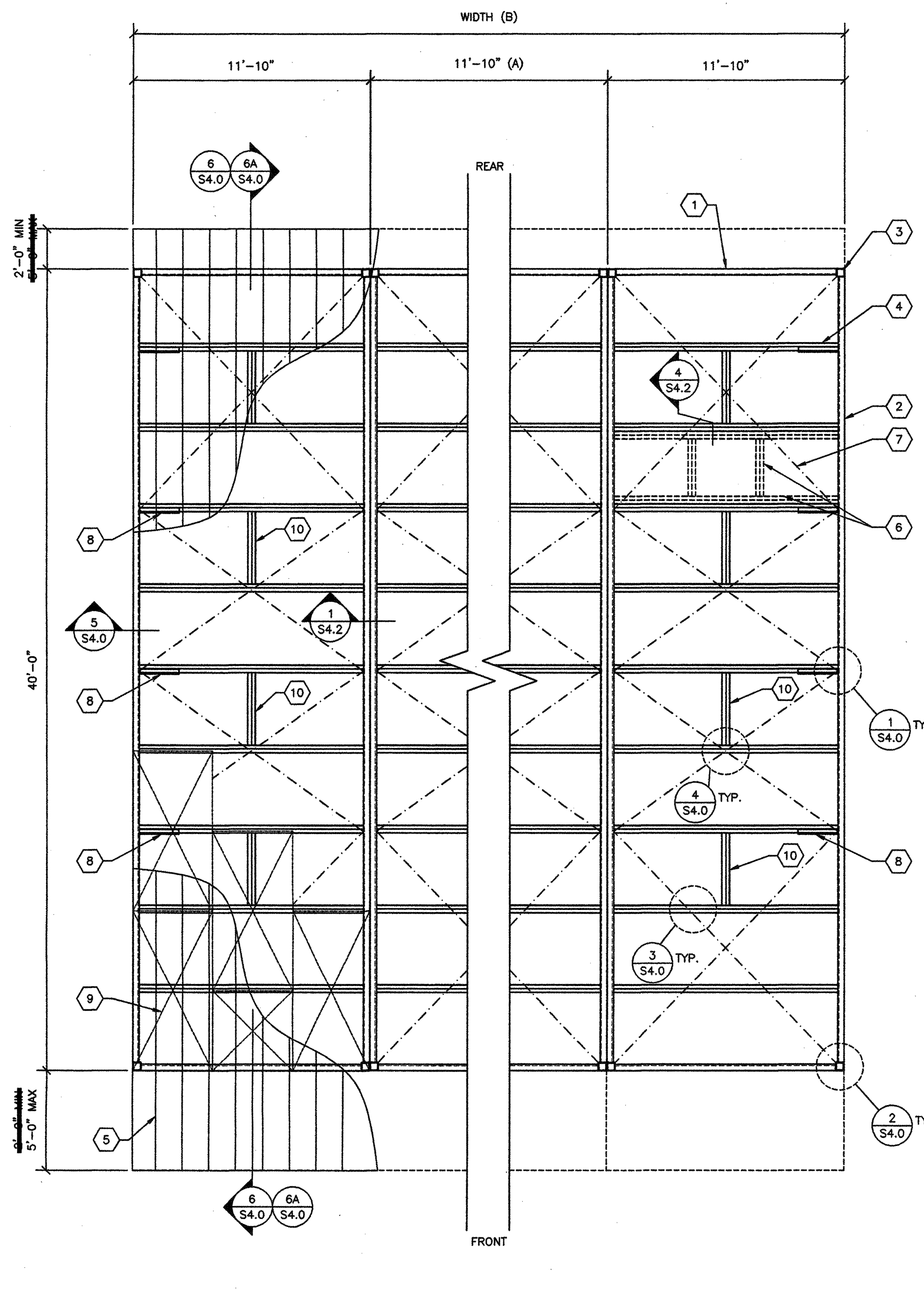
ORIGINAL PC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CA. DEPT. OF GENERAL SERVICES
PC 02-113876
ACS FLS SSS
DATE 6/22/15

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

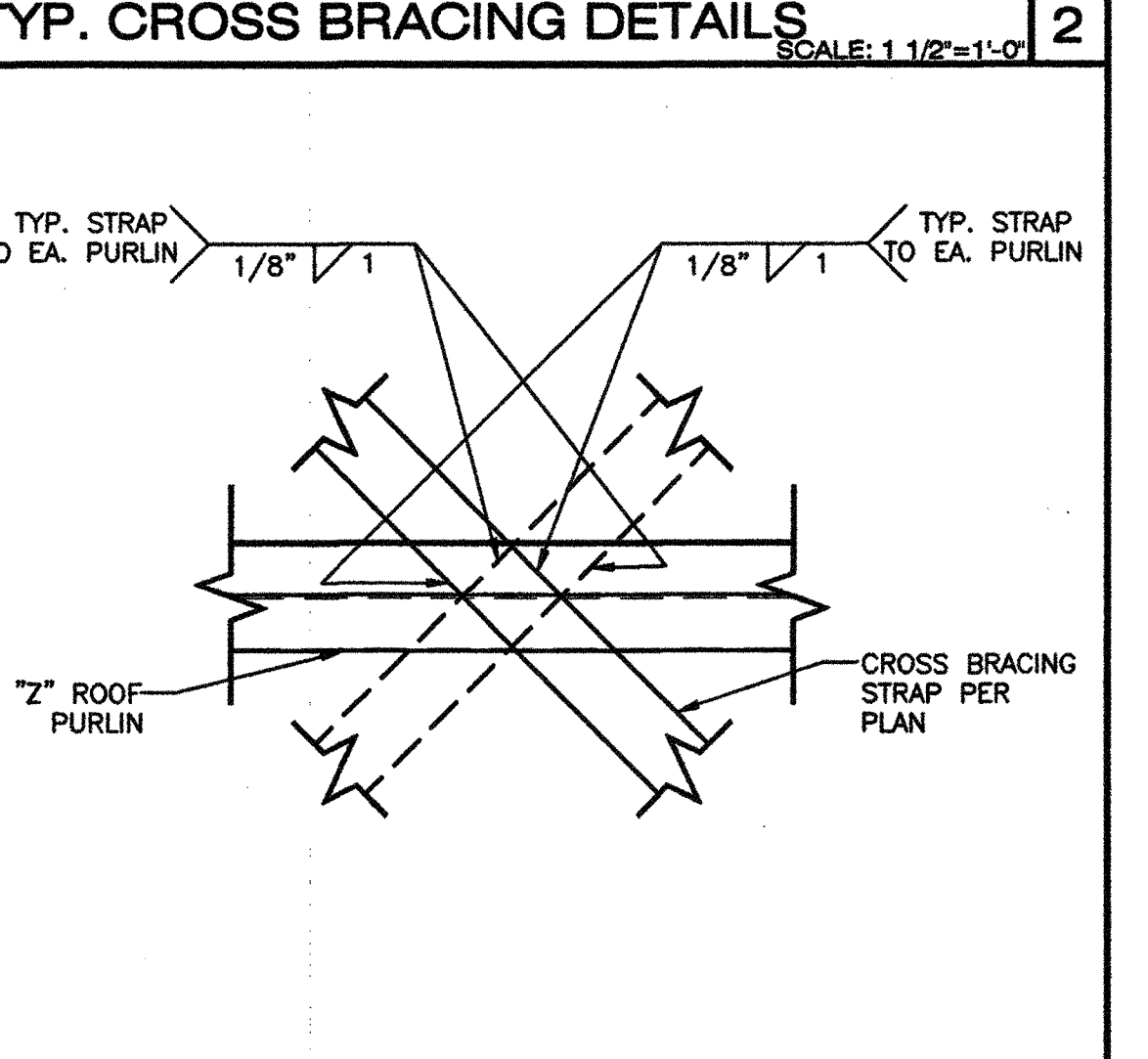
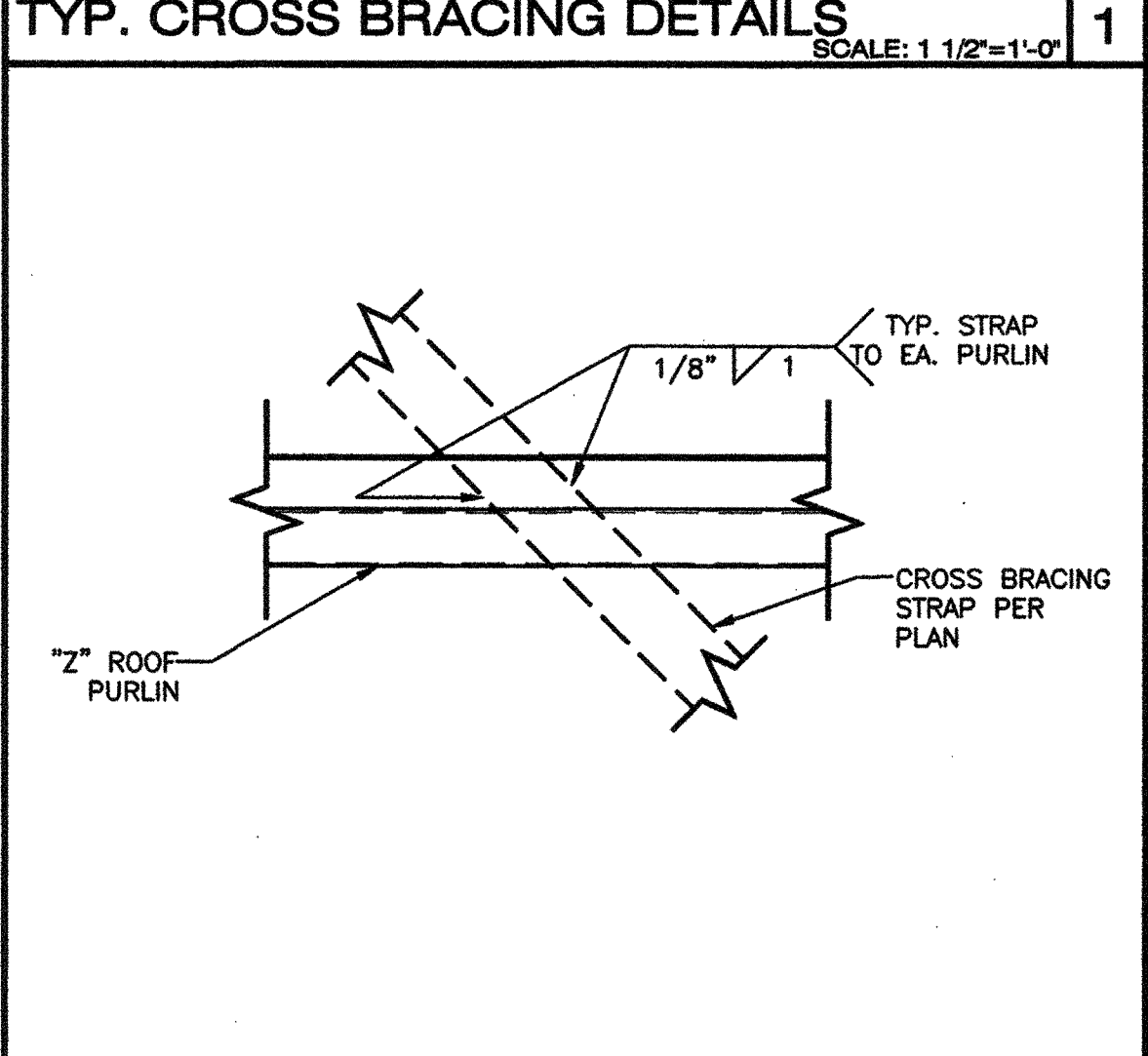
REVISIONS

DRAWN BY:
SCALE: AS NOTED
DATE:

SHEET NUMBER
S4.0



- 1 TRANSVERSE ROOF BEAM PER SHEET S5.0.
- 2 LONGITUDINAL ROOF BEAM PER SHEET S5.0.
- 3 HSS COLUMN PER SHEET S5.0.
- 4 Z' FORMED ROOF PURLINS @ 48" O.C. MAX. -SEE SHEET S0.0
- 5 METAL ROOF PAN - SEE SHEET S0.0. ALTERNATE 26 GA. ROOF PAN W/ROOF SHEATHING & ENCLOSED SOFFIT OVERHANG OPTIONS ONLY. SEE SHEET S4.1 FOR DETAILS.
- 6 PROVIDE DOUBLE 6" PURLINS W/6" PURLIN BLKG PER 3/S4.2 @ OPTIONAL 600# HVAC.
- 7 2"x16 GA. STRAP CROSS BRACING GRADE 50 ALT. CROSS BRACING 3"x18 GA. GRADE 50
- 8 3"x12 GA. BENT PLATE BRACE @ EA. STRAP TO LONGITUDINAL BEAM (@ 12'-0" OC MAX). REFER TO PLAN FOR LOCATIONS AND 5/S4.0 FOR DETAILS
- 9 ALTERNATE TO CROSS BRACING: 3/4" APA RATED L-P OSB SHEATHING OR 3/4" PLYWOOD (ALL SHEATHING SHALL BE EITHER T&G OR EDGE CLIP) CONFIRMING TO PSI-09, CD EXPOSURE-1 48/24 SPAN INDEX, FACE GRAIN NORMAL TO ROOF JOISTS. ALL BOUNDARY, EDGE & FIELD ATTACHMENTS SHALL BE 1" MIN. FROM EDGE OF SHEATHING & EDGE OF STEEL SUPPORTING MEMBER. REFER TO FASTENING SCHEDULE.
- 10 PURLIN BLOCKING WELD TO ROOF PURLINS PER DETAIL 3/S4.2. BLOCKING IS ONLY REQUIRED AT THE OUTSIDE MODULES @ PURLINS WITH BENT PLATE PER 8 ABOVE.



- 10 PURLIN BLOCKING WELD TO ROOF PURLINS PER DETAIL 3/S4.2. BLOCKING IS ONLY REQUIRED AT THE OUTSIDE MODULES @ PURLINS WITH BENT PLATE PER 8 ABOVE.

TYP. CROSS BRACING DETAILS 3 SCALE: 1 1/2"=1'-0"

TYP. CROSS BRACING DETAILS 4 SCALE: 1 1/2"=1'-0"

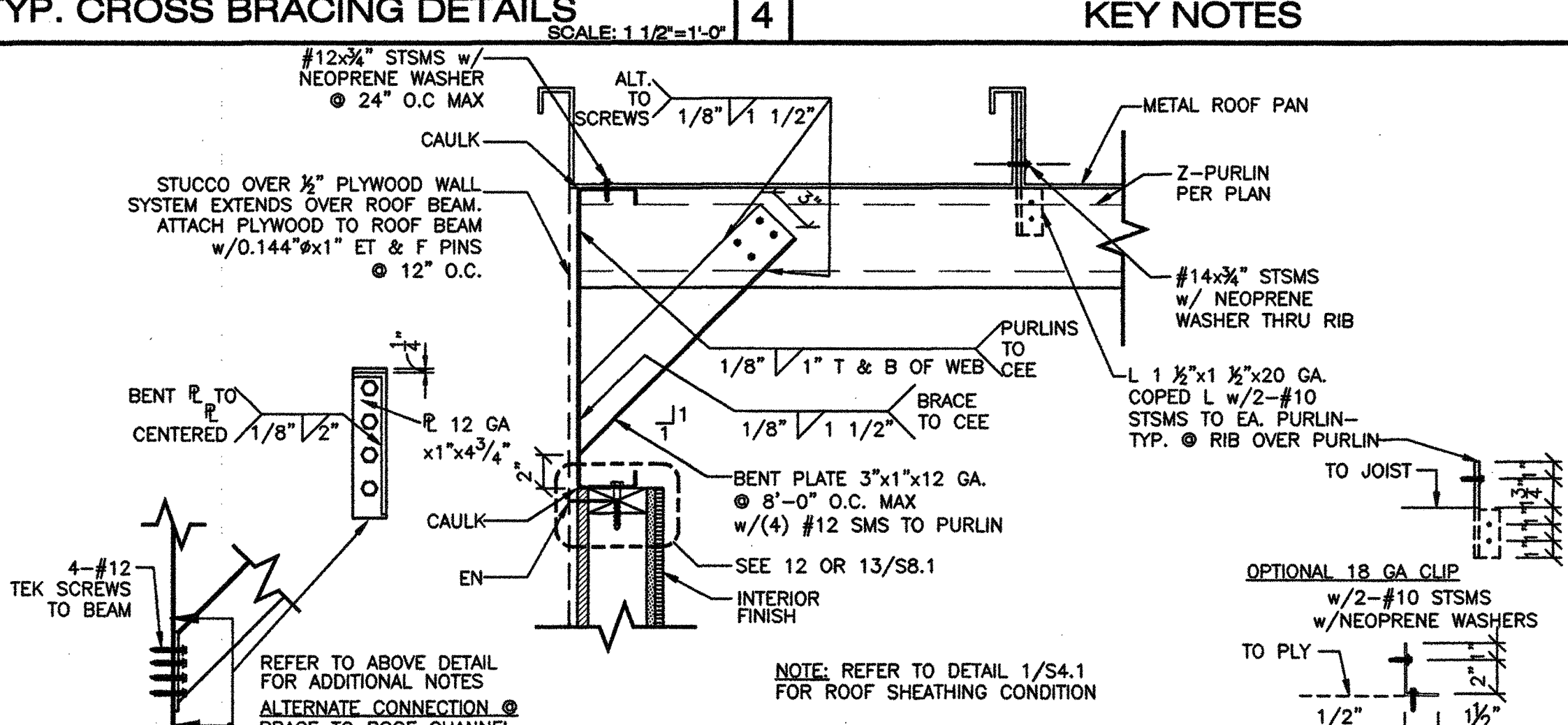
KEY NOTES

1. THE MATERIAL THICKNESS OF LIGHT GAUGE STRUCTURAL MEMBERS IN THEIR END-USE, SHALL MEET OR EXCEED THE MINIMUM BASE METAL THICKNESS SPECIFIED ON SHEET S0.0. THE MATERIAL GAUGE DESIGNATION IN THE PLAN SHALL BE USED AS REFERENCE ONLY.
2. SEE SHEET S8.0 & S9.0 FOR TYP. SIDE WALL FRAMING.
3. SEE SHEET S8.0 & S9.0 FOR TYP. END WALL FRAMING.
4. ALL FASTENERS THRU METAL ROOF PANEL SHALL BE INSTALLED W/NEOPRENE WASHERS.

GENERAL NOTES

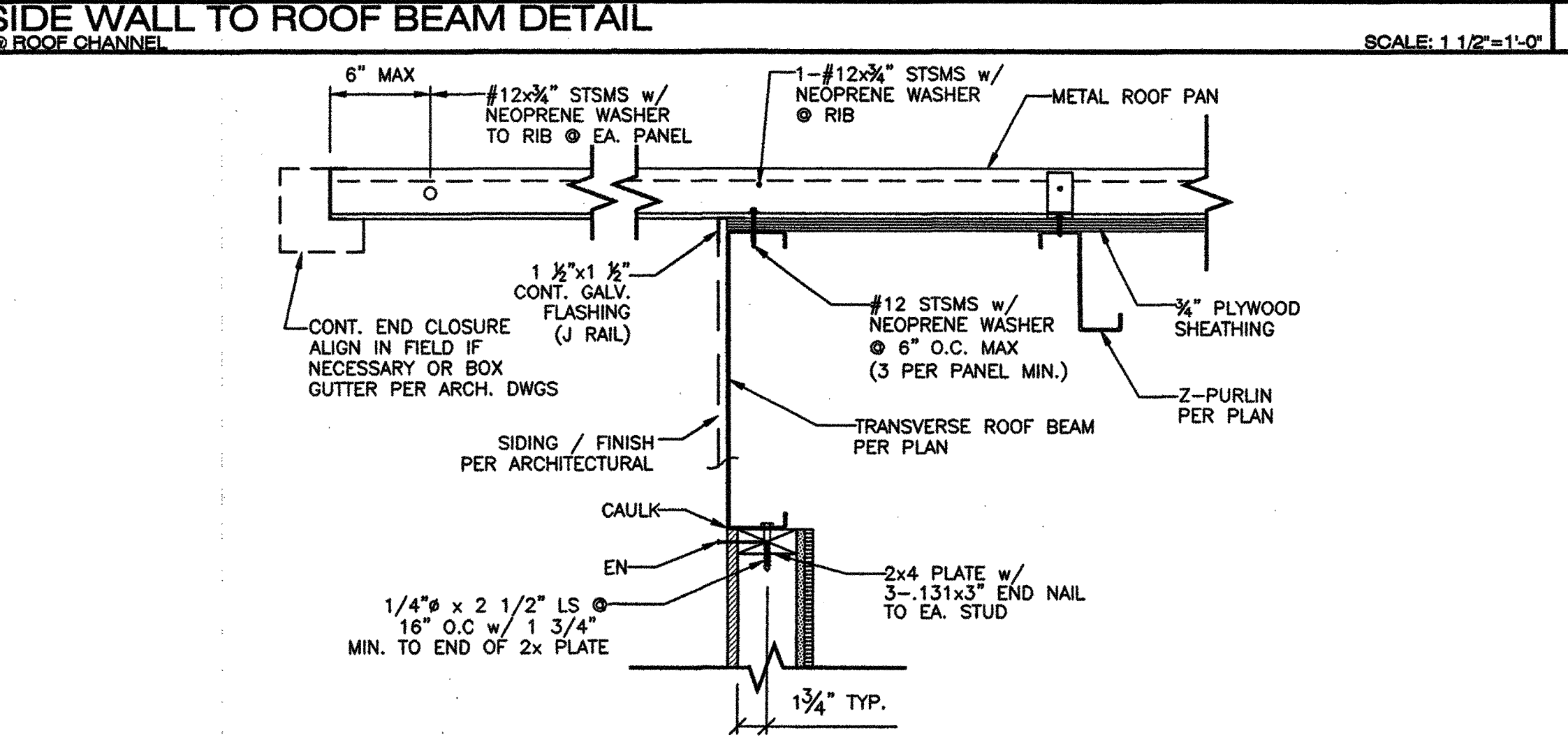
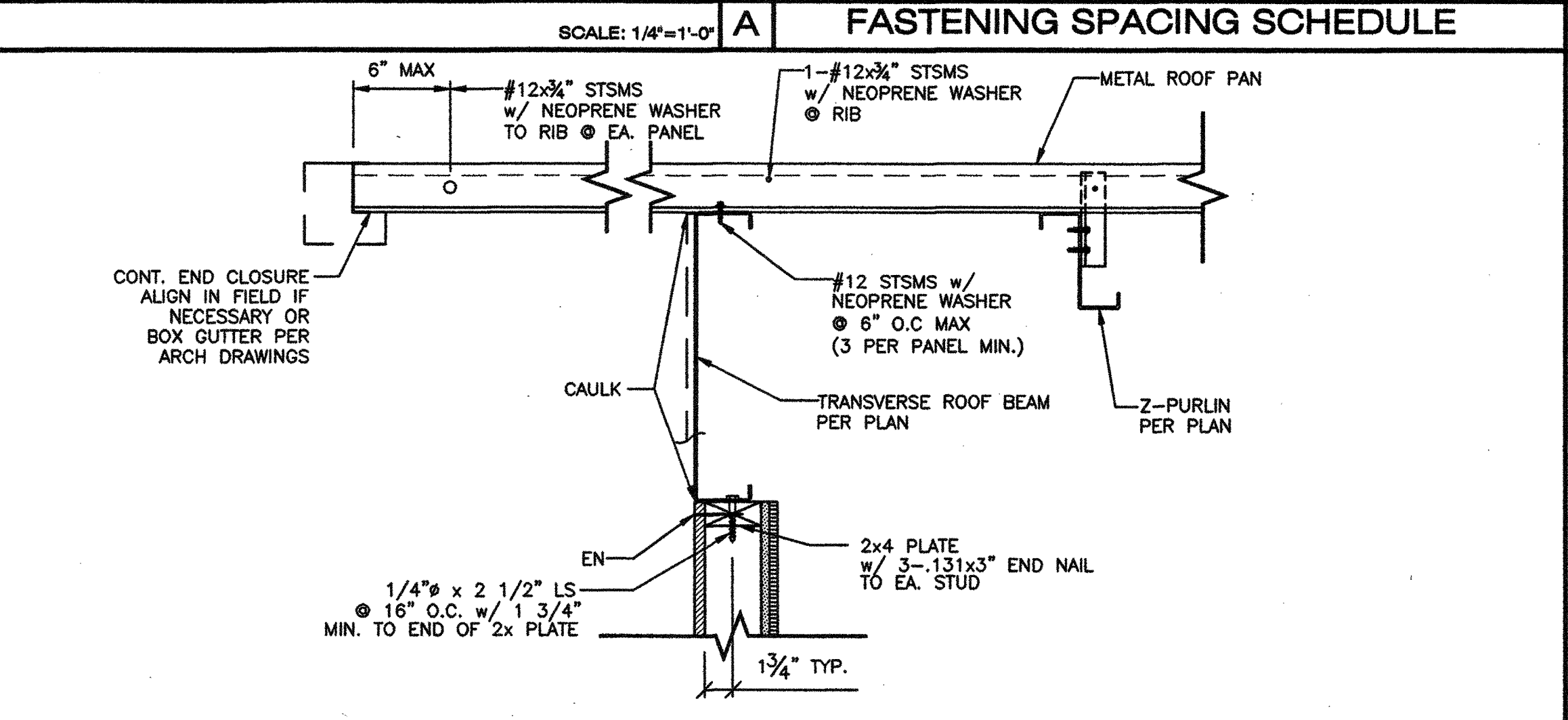
OPTIONAL SHEATHING FASTENING SCHEDULE				
NAILING	0.144 PINS SPACING @ 10 SMS SPACING		TYPICAL WITHIN 4' OF BUILDING CORNERS	
	TYPICAL	WITHIN 4' OF BUILDING CORNERS	TYPICAL	WITHIN 4' OF BUILDING CORNERS
BOUNDARY	6" O.C.	6" O.C.	6" O.C.	6" O.C.
EDGE	6" O.C.	6" O.C.	6" O.C.	6" O.C.
FIELD	6" O.C.	6" O.C.	12" O.C.	12" O.C.

ET&F 0.144 PINS PER PRELIMINARY REPORT DATED 10/6/14. IAPMO REPORT PENDING. (40% OF REPORT LOAD UTILIZED)



TYPICAL ROOF FRAMING LAYOUT (MONOIDAL SLOPE-OPEN SOFFIT) SCALE: 1/4"=1'-0"

BLDG SIZE (FT)	TOTAL # OF 12' WIDE MODULES	"A" TOTAL # OF CENTER MODULES	"B" TOTAL BLDG WIDTH
<input checked="" type="checkbox"/> 24' x 40'	2	0	23'-8 1/4"
<input type="checkbox"/> 36' x 40'	3	1	35'-6 1/2"
<input type="checkbox"/> 48' x 40'	4	2	47'-4 3/4"
<input type="checkbox"/> 60' x 40'	5	3	59'-3"
<input type="checkbox"/> 72' x 40'	6	4	71'-1 1/4"
<input type="checkbox"/> 84' x 40'	7	5	82'-11 1/2"
<input type="checkbox"/> 96' x 40'	8	6	94'-9 3/4"
<input type="checkbox"/> 108' x 40'	9	7	106'-8"
<input type="checkbox"/> 120' x 40'	10	8	118'-6 1/4"



MODULE SCHEDULE

OVERHANG DETAIL SCALE: 1 1/2"=1'-0"

OVERHANG DETAIL w/ SHEATHING SCALE: 1 1/2"=1'-0"

6A

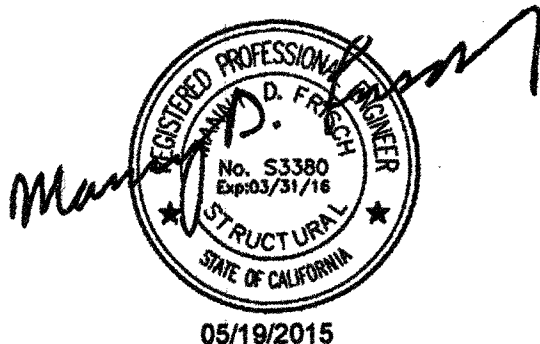
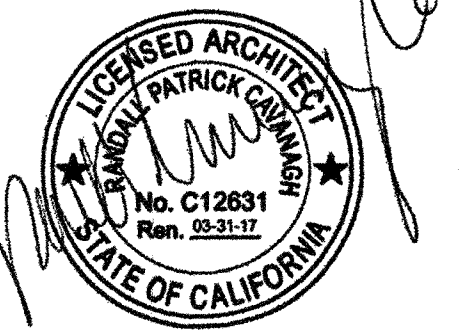
MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
ROOF FRAMING DETAILS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



05/19/2015

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP

DIVISION OF THE STATE ARCHITECT

APPL 01-115705

ACS FLS SSS

DATE APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP

DIV. OF THE STATE ARCHITECT

CA. DEPT. OF GENERAL SERVICES

PC 02-113876

ACS FLS SSS

DATE 6/22/15

PRE-CHECK (PC) DOCUMENT -- CODE: 2013 CBC

A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS

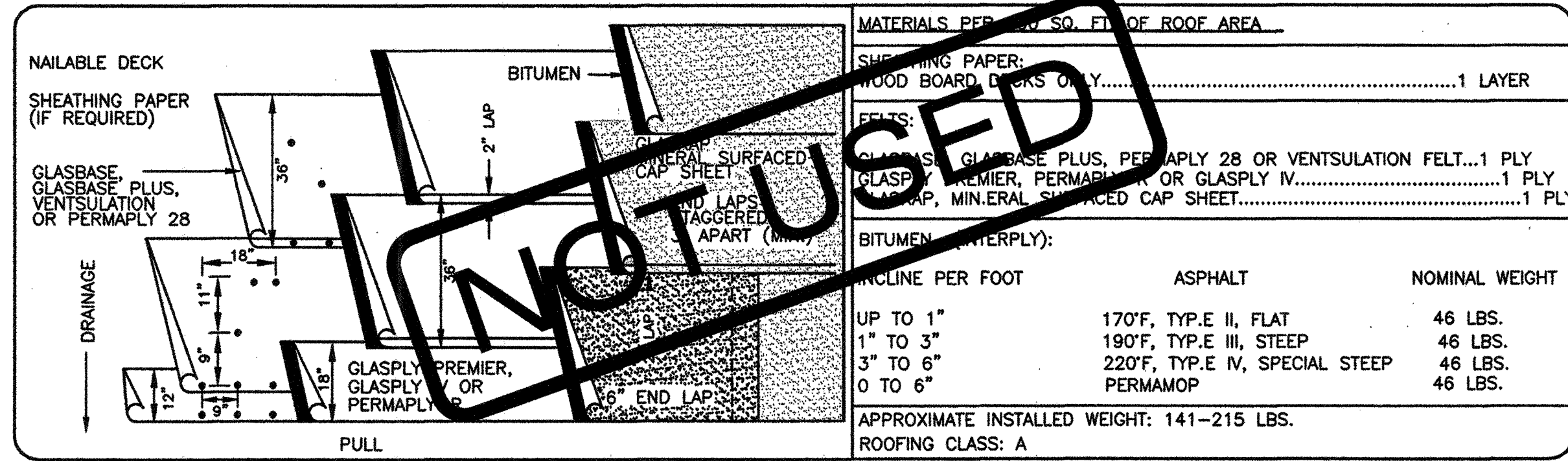
DRAWN BY:

SCALE: AS NOTED

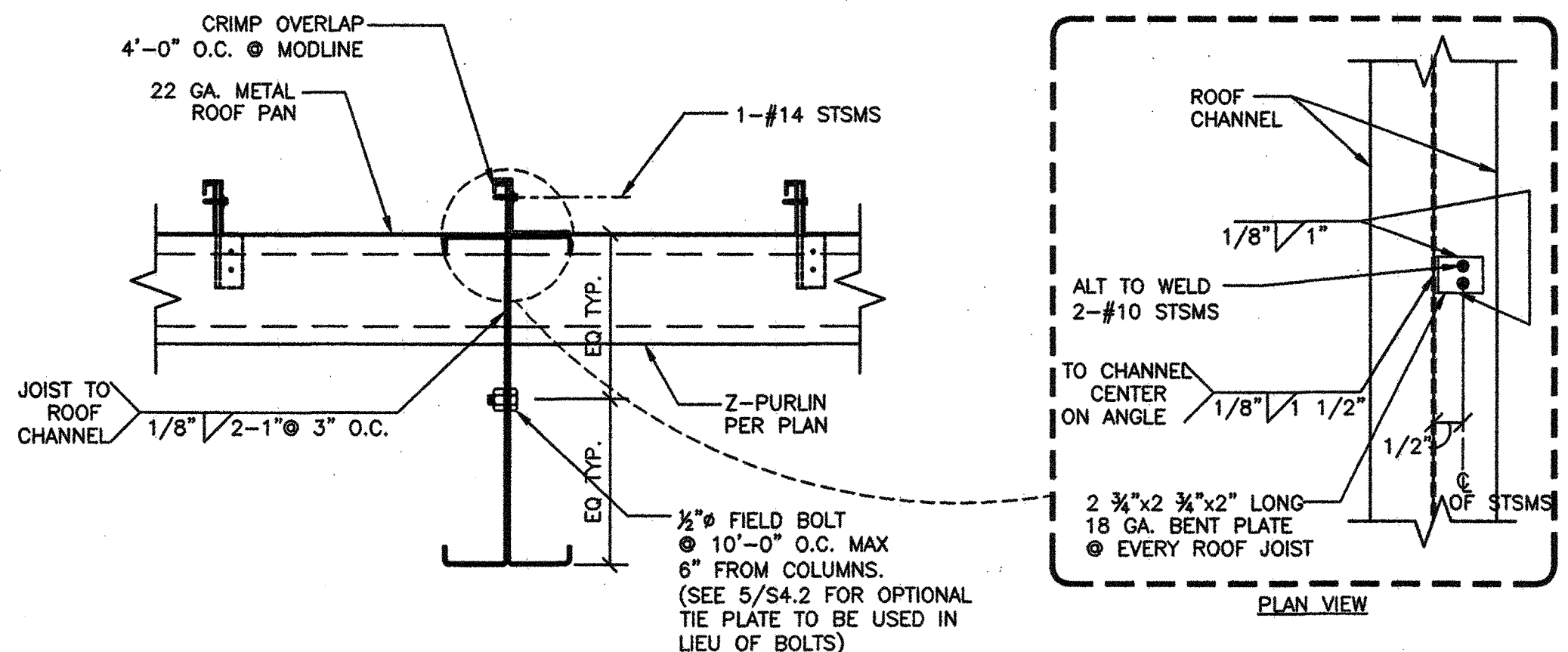
DATE:

SHEET NUMBER

S4.2



NOT USED

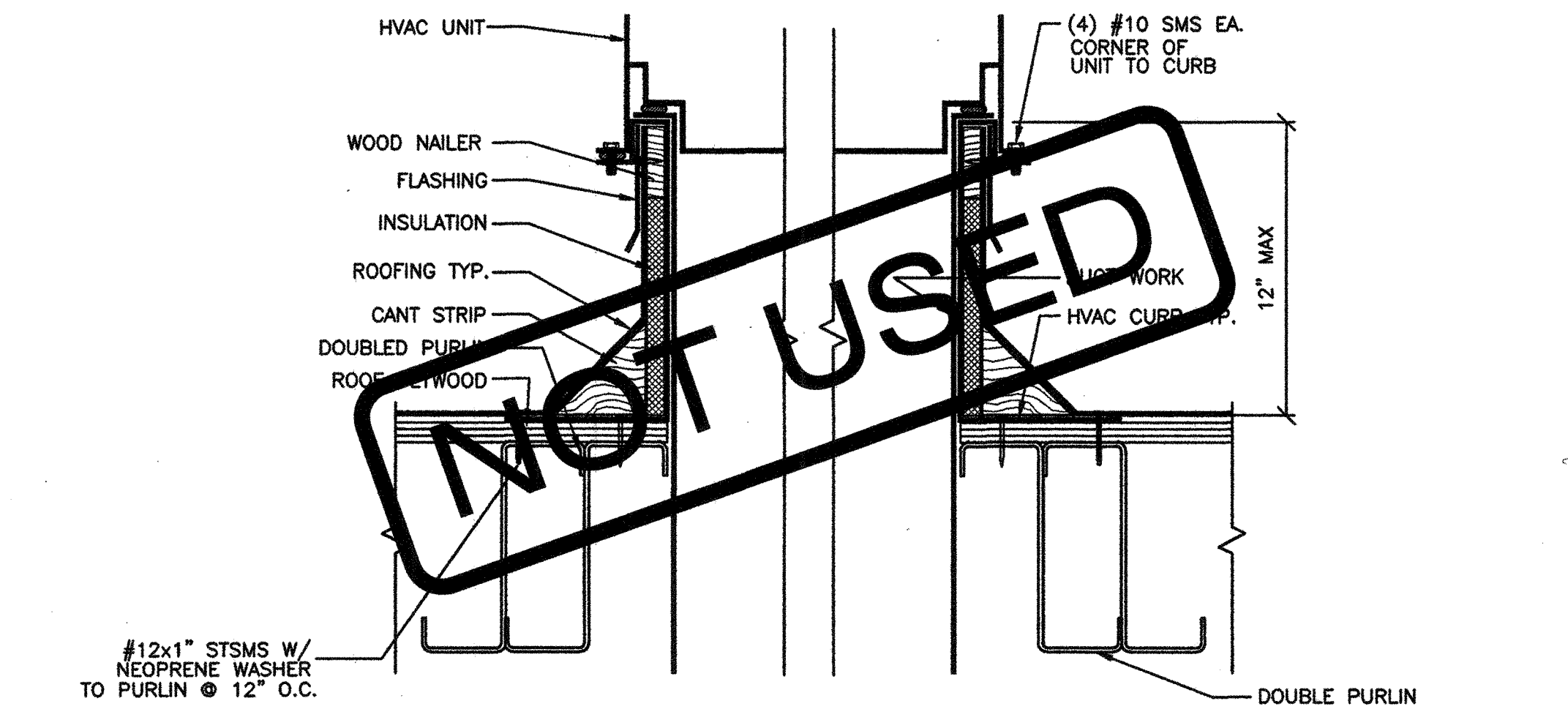
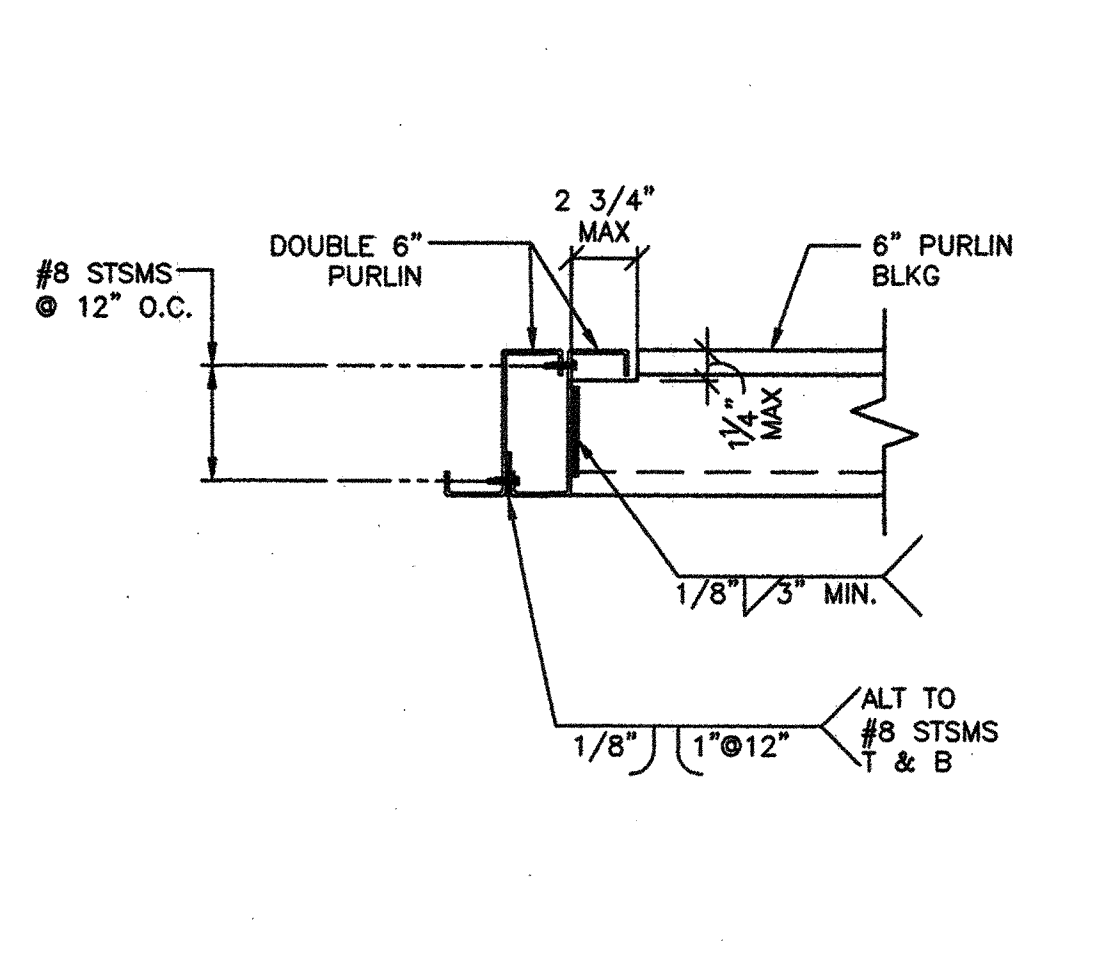


ROOF BEAM CONNECTION DETAIL

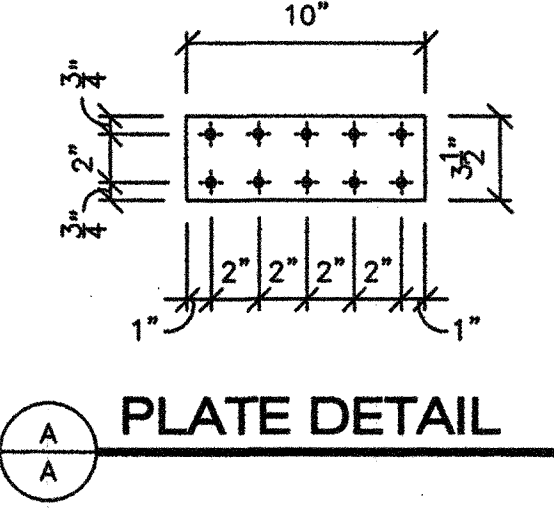
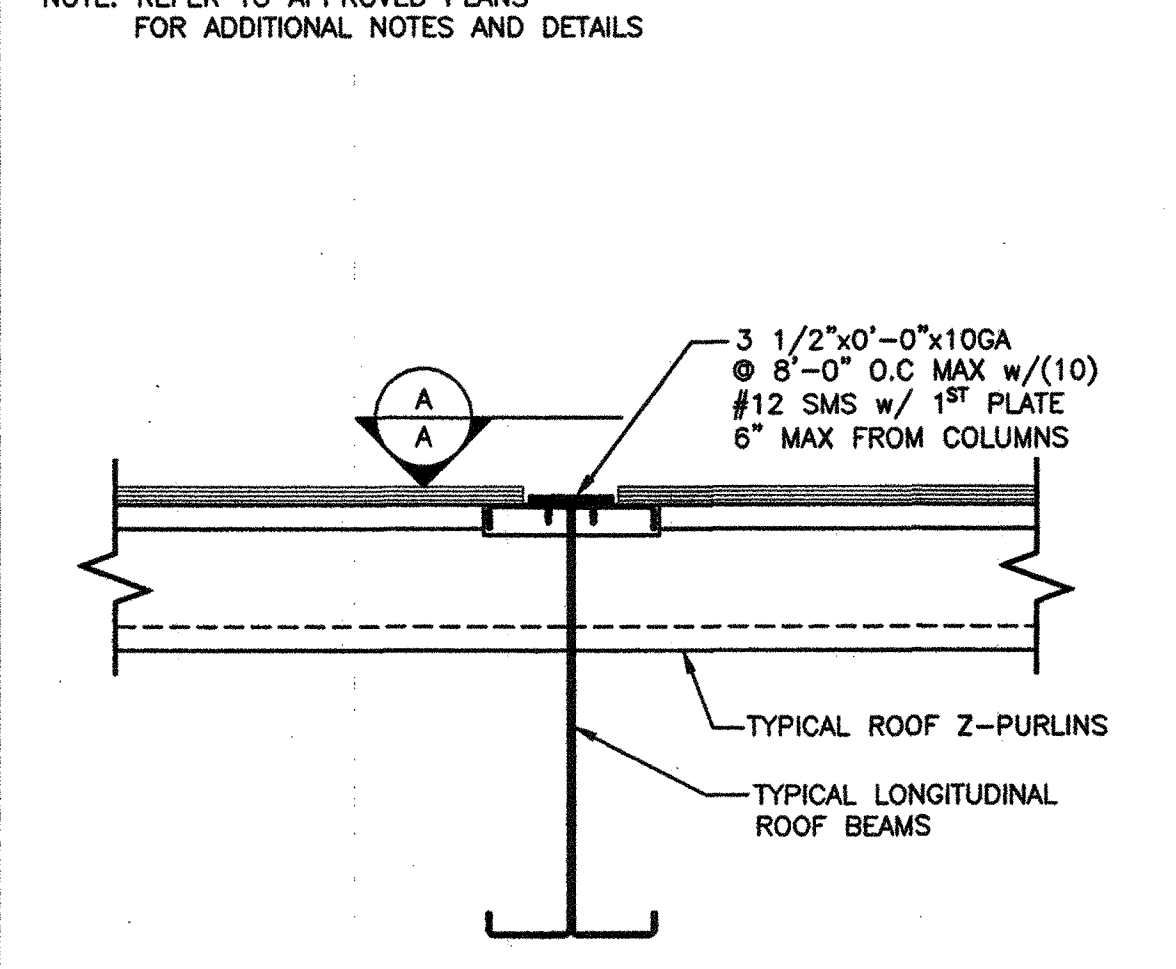
SCALE: 1 1/2"=1'-0"

THREE PLY MINERAL BUILT-UP ROOF

SCALE: 1 1/2"=1'-0"



NOT USED



BLOCKING DETAIL

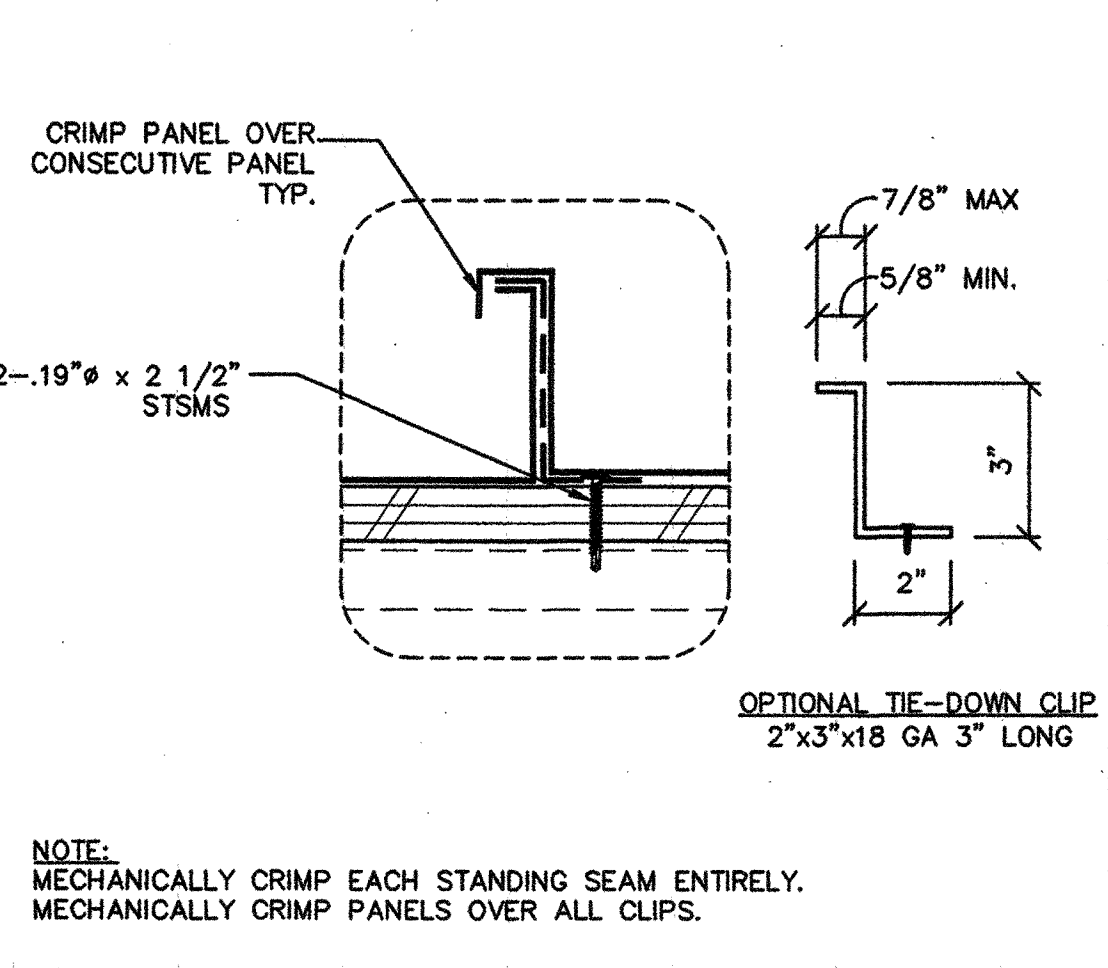
SCALE: 1 1/2"=1'-0"

HVAC CURB DETAIL ANCHORAGE

SCALE: 1 1/2"=1'-0"

OPTIONAL ROOF TIE PLATE

SCALE: 1 1/2"=1'-0"



ROOF DETAIL (OPTIONAL ROOF PAN CLIP)

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

1. THE MATERIAL THICKNESS OF LIGHT GAUGE STRUCTURAL MEMBERS, IN THEIR END-USE, SHALL MEET OR EXCEED THE MINIMUM BASE METAL THICKNESS SPECIFIED ON SHEET SO.O THE MATERIAL GAGE DESIGNATION IN THE PLAN SHALL BE USED AS REFERENCE ONLY.

NOT USED

NOT USED

NOT USED

NOT USED

GENERAL NOTES

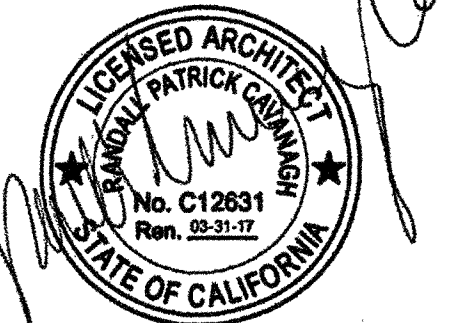
MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
MOMENT FRAME ELEVATIONS & DETAILS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



05/19/2015

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP

DIVISION OF THE STATE ARCHITECT

APPL 01-115705

ACS FLS SSS

DATE APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP

DIV. OF THE STATE ARCHITECT

CA. DEPT. OF GENERAL SERVICES

PC 02-113876

AC FLS SSS

DATE 6/22/15

PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC

A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

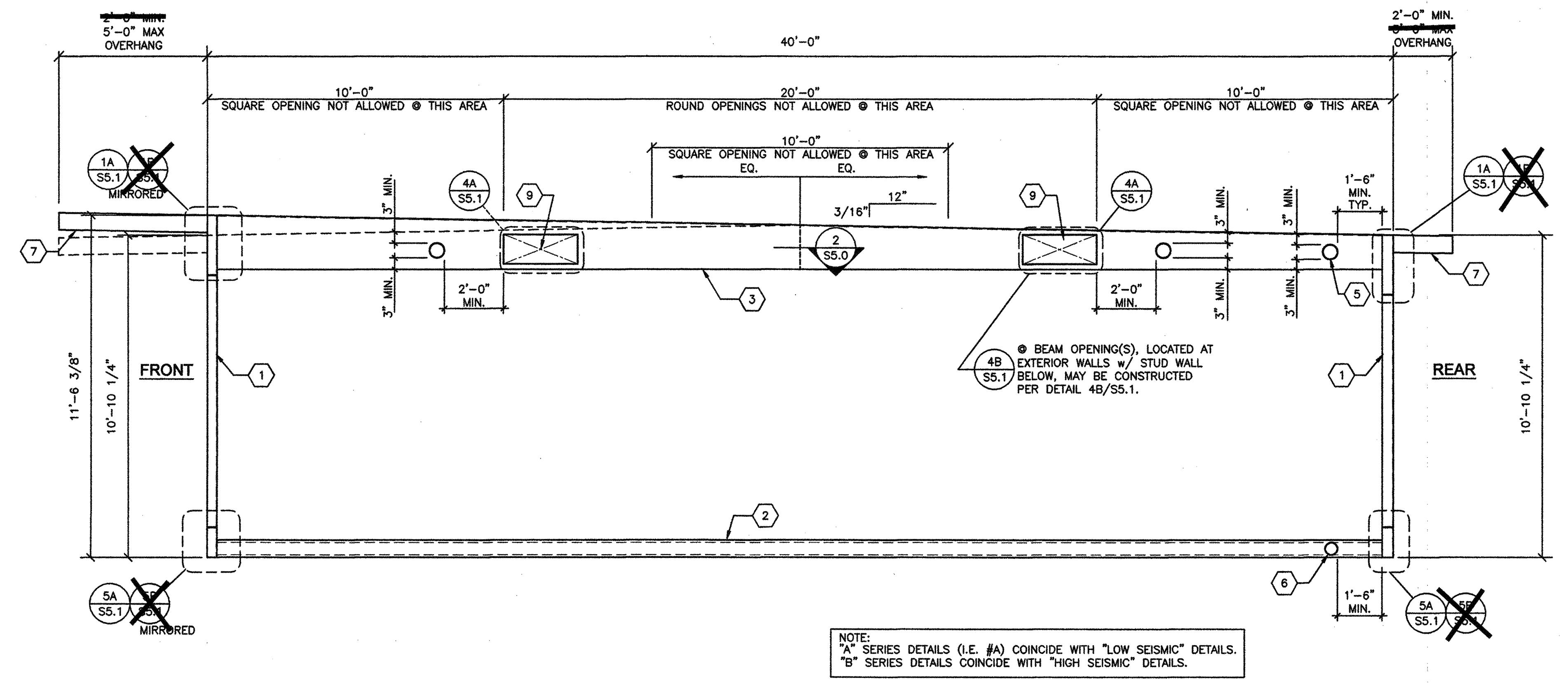
REVISIONS

REVISIONS

REVISIONS

REVISIONS

- 1 HSS COLUMN - SEE SCHEDULES BELOW
- 2 FLOOR BEAM - SEE SCHEDULES BELOW
- 3 LONGITUDINAL ROOF BEAM - SEE SCHEDULES BELOW
14"-18"-14" @ DOUBLE SLOPE TYPE
14"-22" @ SINGLE SLOPE TYPE
- 4 TRANSVERSE ROOF BEAM - SEE SCHEDULES BELOW
14" MIN. 22" MAX
- 5 6" # MAX OPENING IN WEB OF ROOF BEAM WITHOUT WEB REINFORCEMENT MINIMUM SPACING OF HOLES @ 48" O.C. HOLES MAY OCCUR @ ANY LOCATION ALONG LENGTH OF ROOF BEAM EXCEPT AS NOTED OTHERWISE ON FRAMING ELEVATION. - SEE 6/S5.1
NOTE: IF HOLE IS 3" OR LESS THEY MAY BE SPACED @ 24" O.C. MINIMUM
- 6 4" # MAX OPENING IN WEB OF FLOOR BEAM WITHOUT WEB REINFORCEMENT MINIMUM SPACING OF HOLES @ 48" O.C. HOLES MAY OCCUR @ ANY LOCATION ALONG LENGTH OF FLOOR BEAM WITH DIRECT FOUNDATION SUPPORT BELOW. OPENINGS ARE NOT ALLOWED WHERE BEAMS ARE SPANNING BETWEEN FOUNDATIONS OR ACROSS VENT OPENINGS. - SEE 6/S5.1
NOTE: IF HOLE IS 2" OR LESS THEY MAY BE SPACED @ 24" MINIMUM
- 7 14 GA OUTRIGGER CHANNEL AT OPTIONAL ENCLOSED OVERHANG REFER TO DETAIL 1A OR 1B/S5.1 & S5.0 FOR PROPERTIES
- 8 NOT USED
- 9 LONGITUDINAL BEAM OPENING: REFER TO DETAIL 4A/S5.1 FOR OPENING REINFORCEMENT (10"x18" MAX OPENING SIZE)
- 10 TRANSVERSE BEAM OPENING: REFER TO DETAIL 4B/S5.1 FOR OPENING REINFORCEMENT (10"x30" MAX OPENING SIZE)

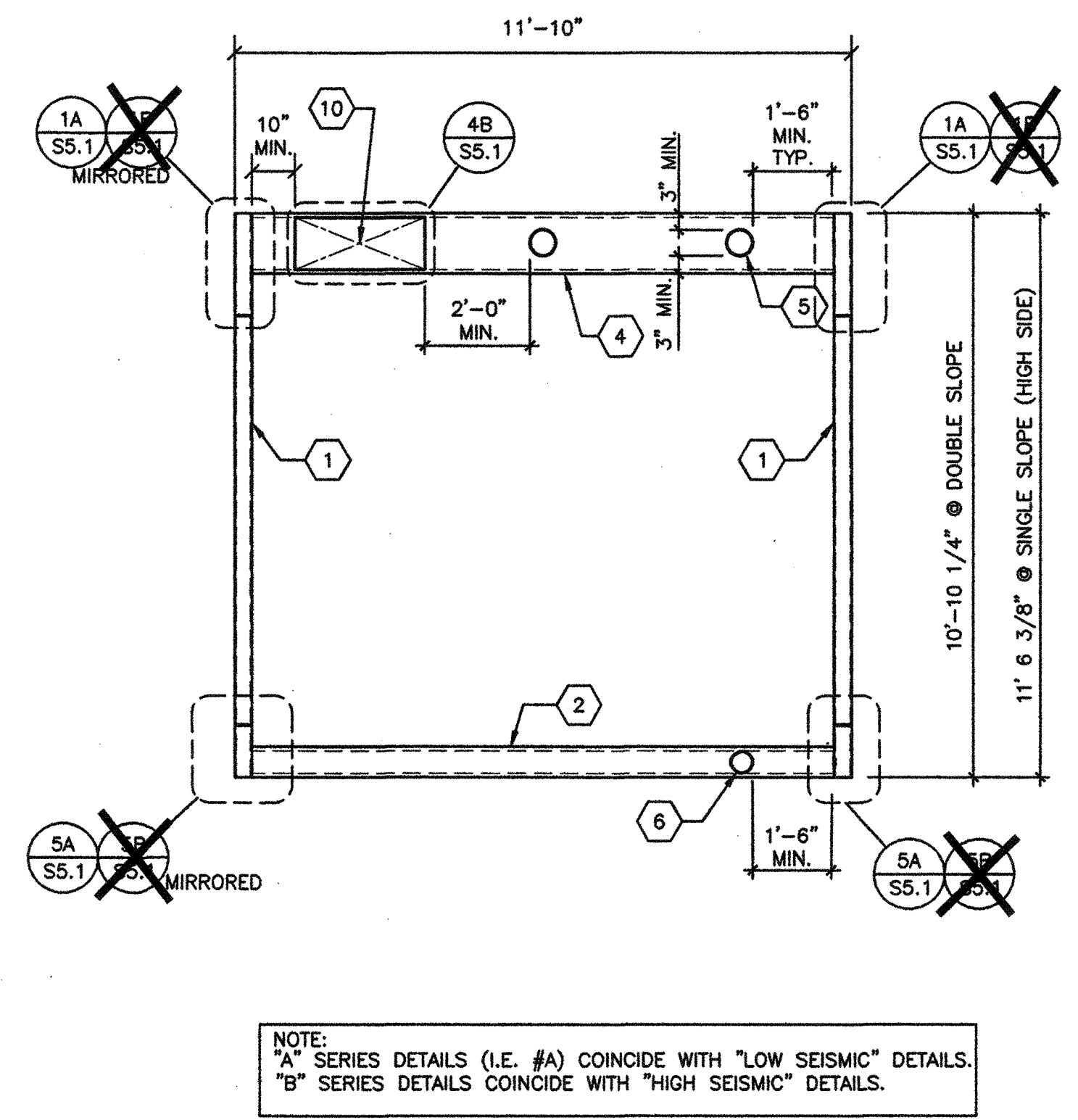


NOTE:
"A" SERIES DETAILS (I.E. #A) COINCIDE WITH "LOW SEISMIC" DETAILS.
"B" SERIES DETAILS COINCIDE WITH "HIGH SEISMIC" DETAILS.

TYPICAL LONGITUDINAL FRAME ELEVATION

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

KEY NOTES

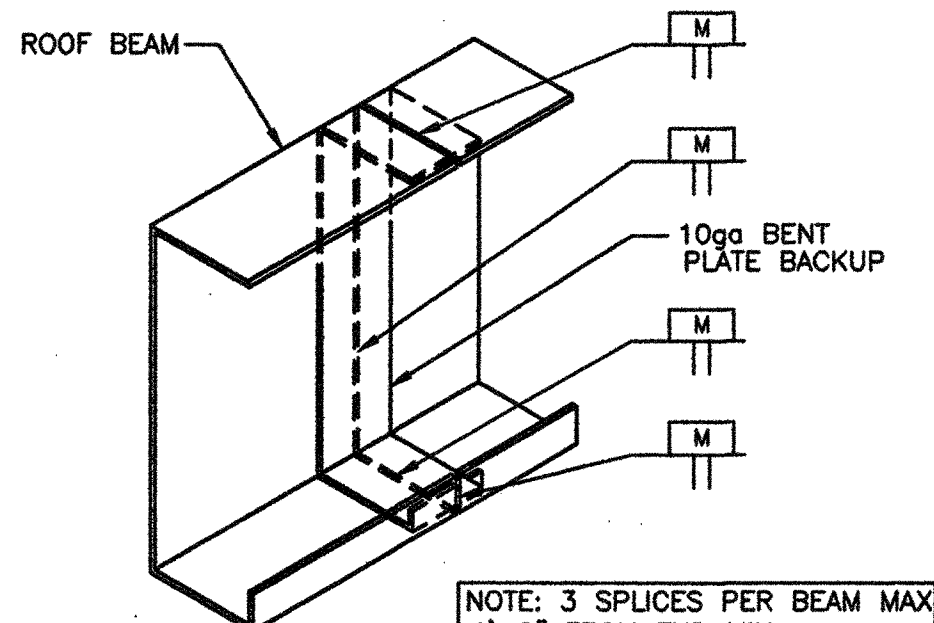


NOTE:
"A" SERIES DETAILS (I.E. #A) COINCIDE WITH "LOW SEISMIC" DETAILS.
"B" SERIES DETAILS COINCIDE WITH "HIGH SEISMIC" DETAILS.

TYPICAL TRANSVERSE FRAME ELEVATION

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

THE WELDING PROCEDURE QUALIFICATION TEST RECORD AND WELDING PROCEDURE SPECIFICATION FOR THIS WELD SHALL BE PREPARED IN ACCORDANCE WITH AWS D.1-10 AND SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW AND SUBMITTAL TO THE D.S.A. TYPICAL ALL DETAILS THIS SHEET. ALL WELDS USED IN PRIMARY MEMBERS AND CONNECTIONS IN THE LATERAL FORCE-RESISTING SYSTEMS SHALL BE MADE WITH FILLER METAL THAT HAS A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT.-LBS AT ZERO DEGREES F, AS DETERMINED BY AWS CLASSIFICATION.



NOTE: 3 SPLICES PER BEAM MAX 4'-0" FROM END MIN.

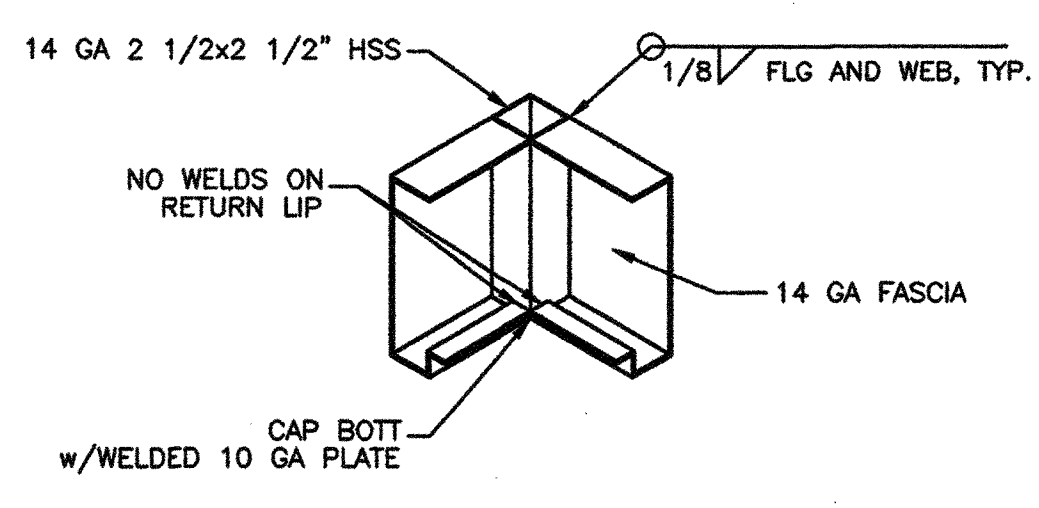
TYPICAL BEAM SLICE

SCALE: 1 1/2"=1'-0"

FRAME MEMBER SCHEDULE - (LOW SEISMIC)

FLOOR BEAMS		ALT. FLOOR BEAMS		COLUMNS	LONGITUDINAL ROOF CHANNEL	TRANSVERSE ROOF CHANNEL
PLYWOOD FLOOR	STRUCTO-CRETE OR CONCRETE FLOOR	PLYWOOD FLOOR	SC OR CONC FLOOR			
C7x9.8	20-17.1 (26 W/CR)	C9x13.4 (36 KSI) OPTION: C10x15.3	20-17.1 (26 W/CR)	HSS 4x4x5/16	10GA	12GA

NOTE:
SEE ALL SECTION PROPERTIES ON SHEET S0.0



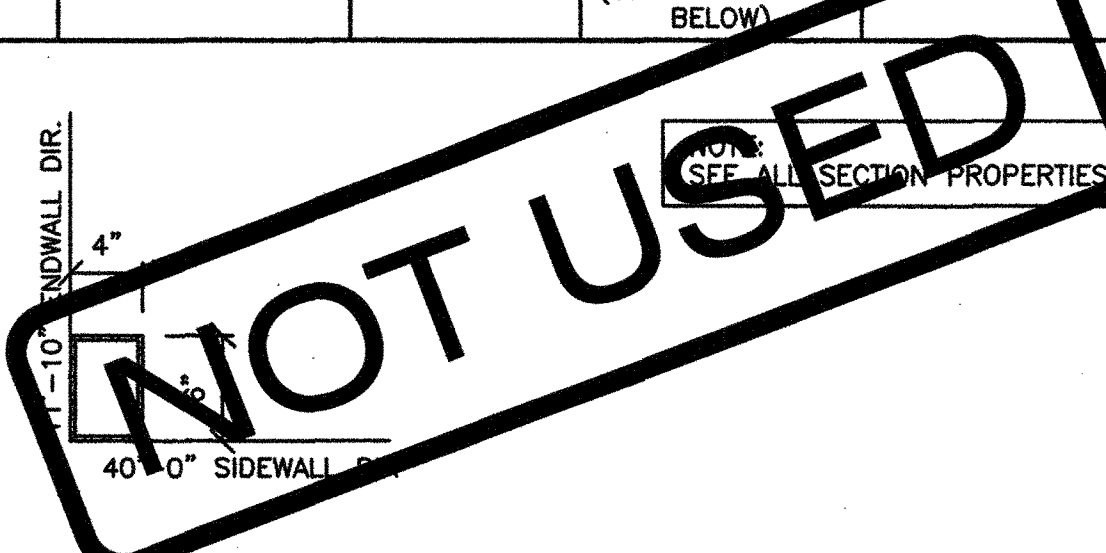
OVERHANG CORNER DETAIL

SCALE: 1 1/2"=1'-0"

FRAME MEMBER SCHEDULE - (HIGH SEISMIC)

FLOOR BEAMS		ALT. FLOOR BEAMS		COLUMNS	LONGITUDINAL ROOF CHANNEL	TRANSVERSE ROOF CHANNEL
PLYWOOD FLOOR	STRUCTO-CRETE OR CONCRETE FLOOR	PLYWOOD FLOOR	SC OR CONC FLOOR			
C9x13.4 (50 KSI)	C9x13.4 (50 KSI)	C10x15.3	C10x15.3	HSS 6x4x5/16 (SEE ORIENTATION BELOW)	10GA	10GA

NOTE:
SEE ALL SECTION PROPERTIES ON SHEET S0.0



TYPICAL TRANSVERSE FRAME ELEVATION

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

OVERHANG CORNER DETAIL

SCALE: 1 1/2"=1'-0"

FRAME MEMBER SCHEDULE - (HIGH SEISMIC)

3B

SHEET NUMBER
S5.0

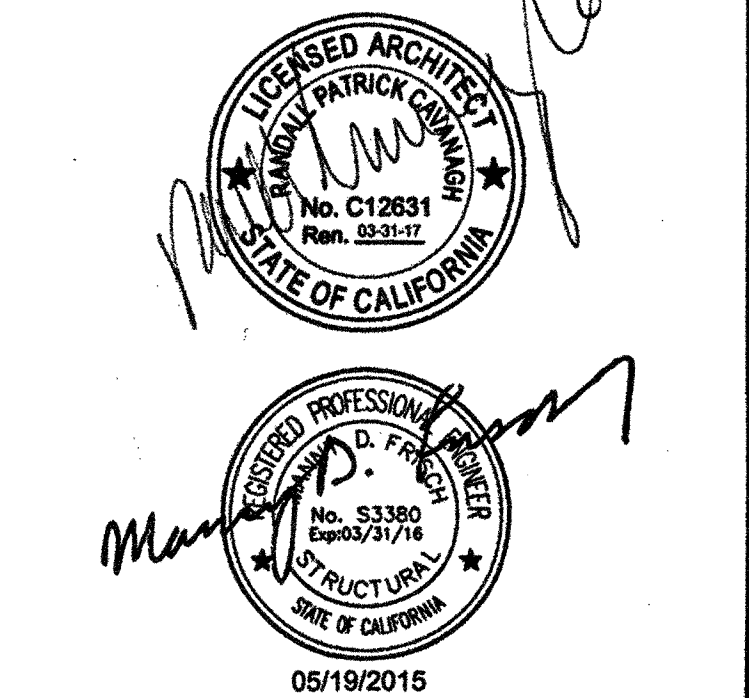
MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
MOMENT FRAME CONNECTION DETAILS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



05/19/2015

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01-115705

ACS DATE 6/22/15

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CAL. DEPT. OF GENERAL SERVICES

PC 02-113876

AC FLS SS 01/15

DATE 6/22/15

PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC

A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

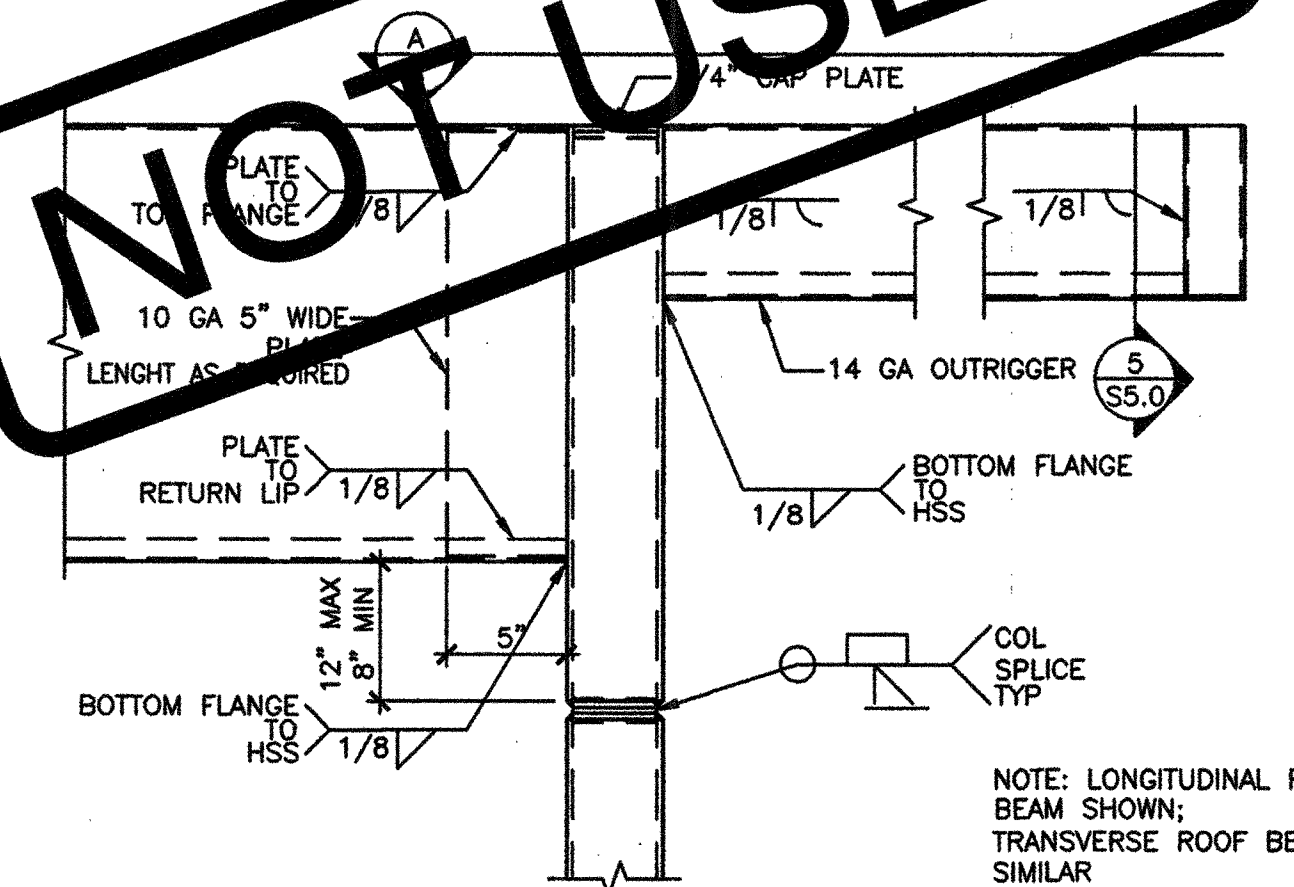
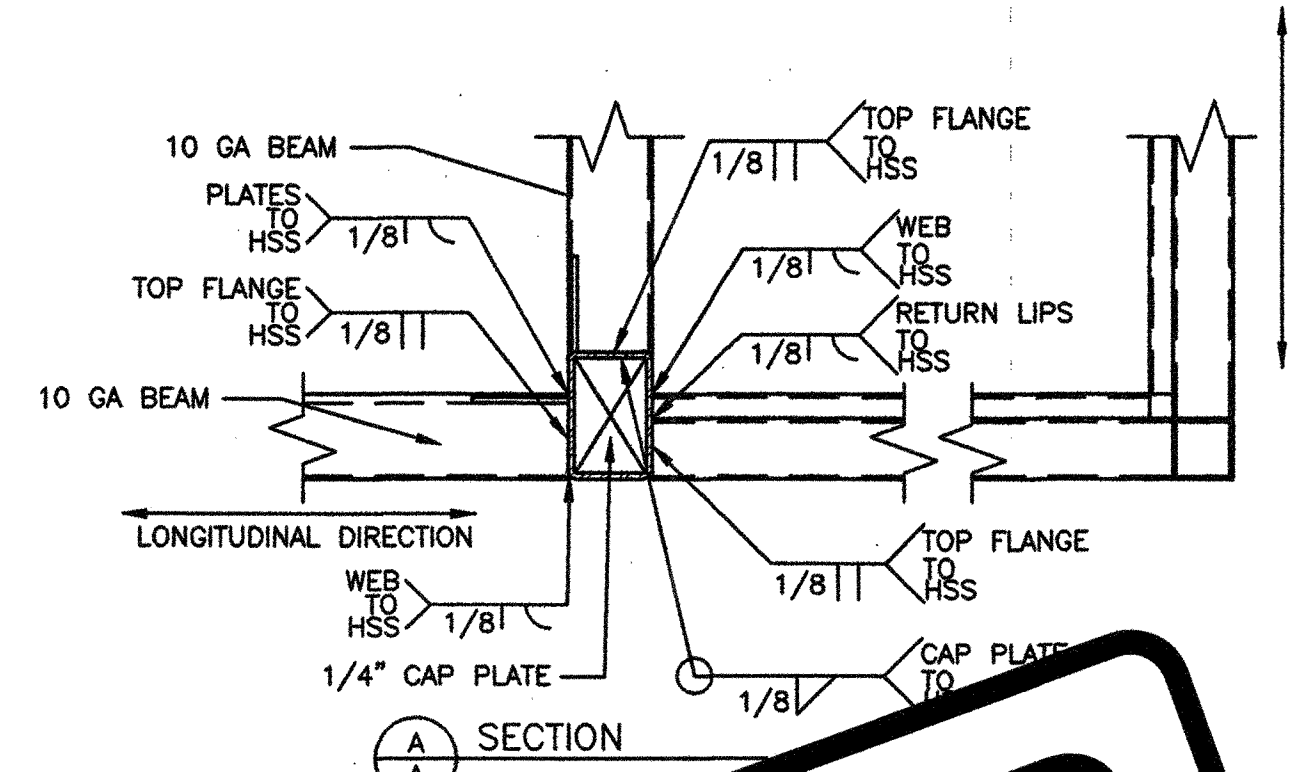
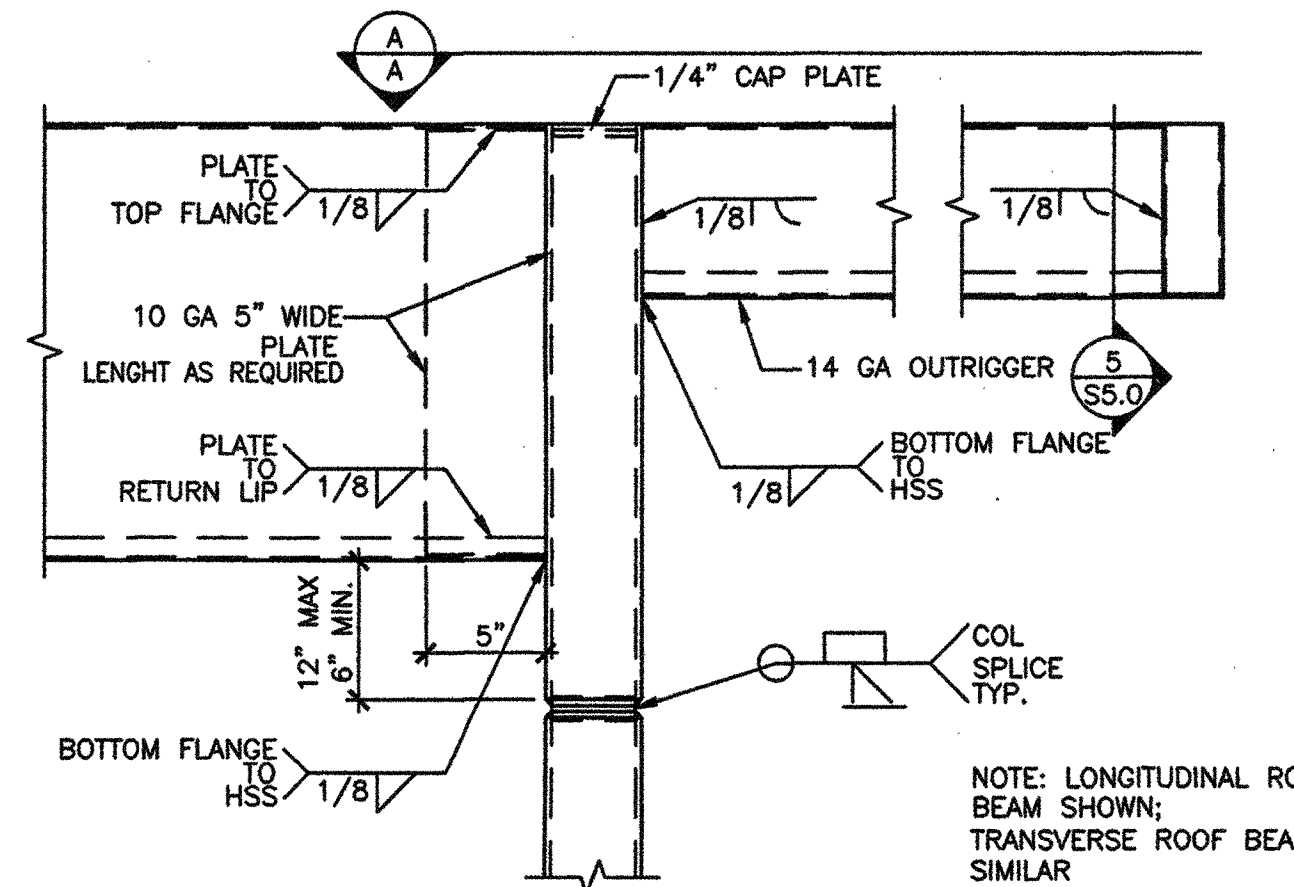
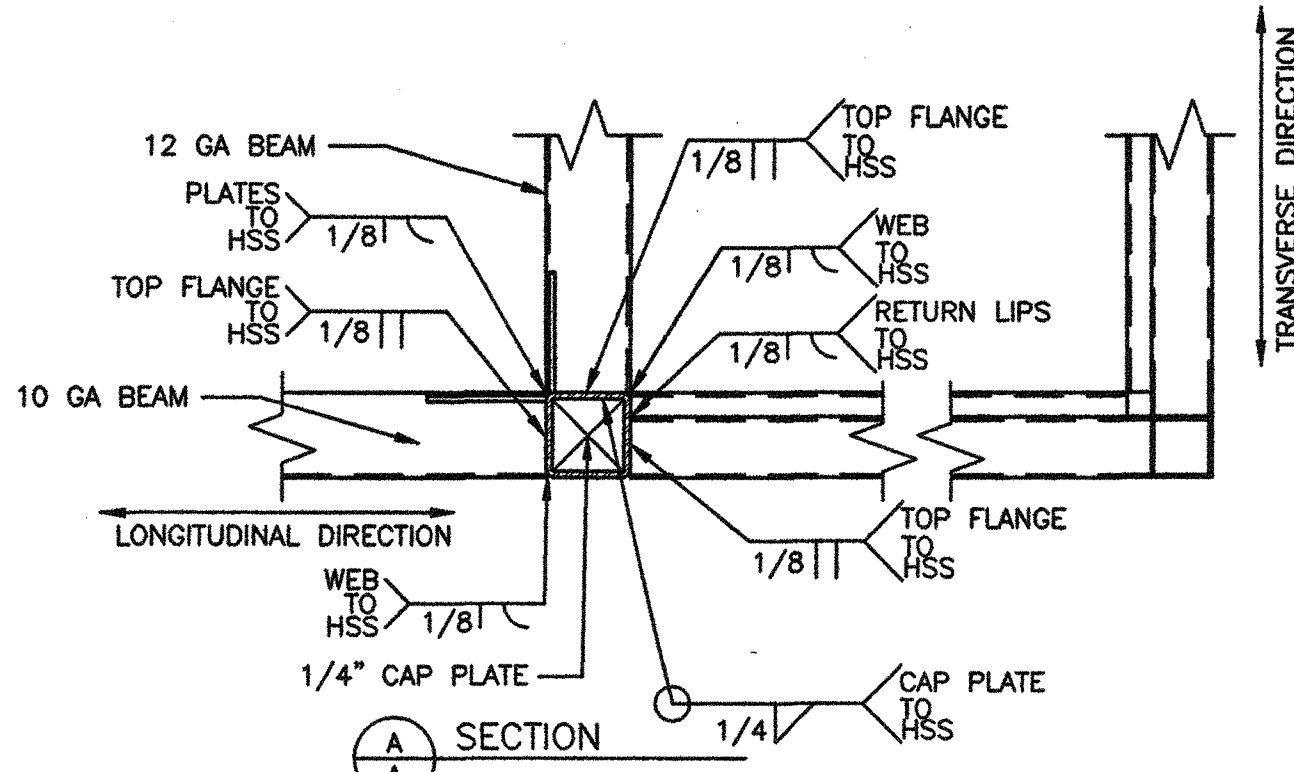
REVISIONS

REVISIONS

REVISIONS

REVISIONS

S5.1



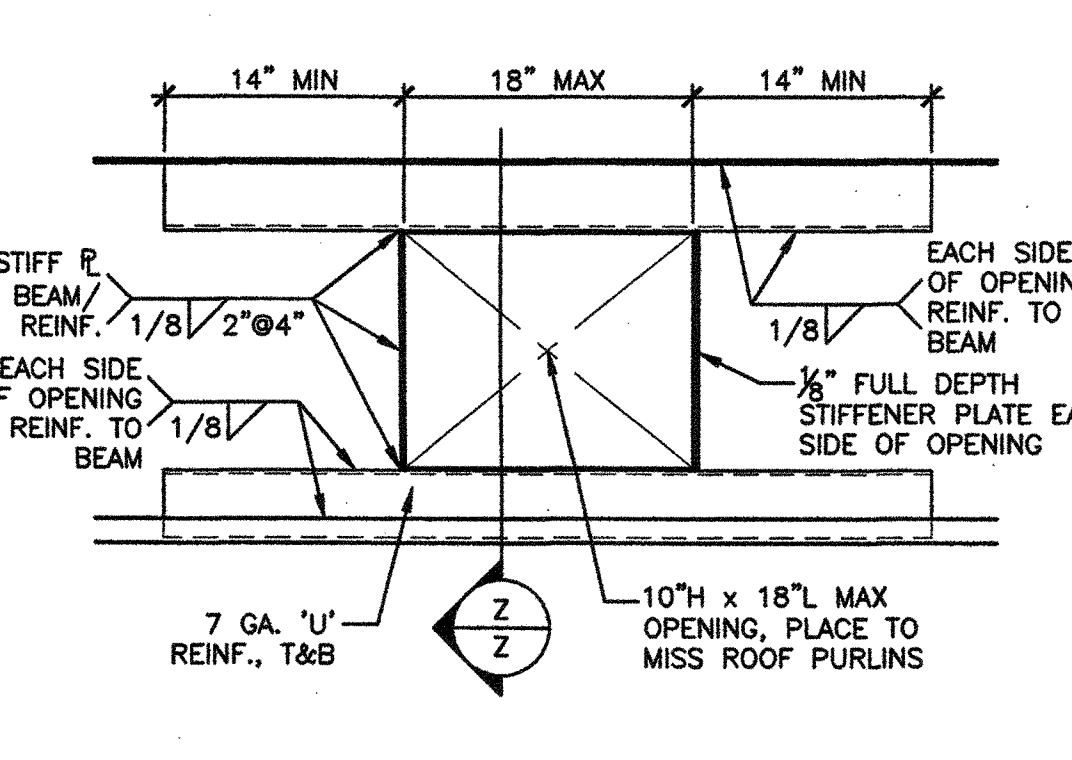
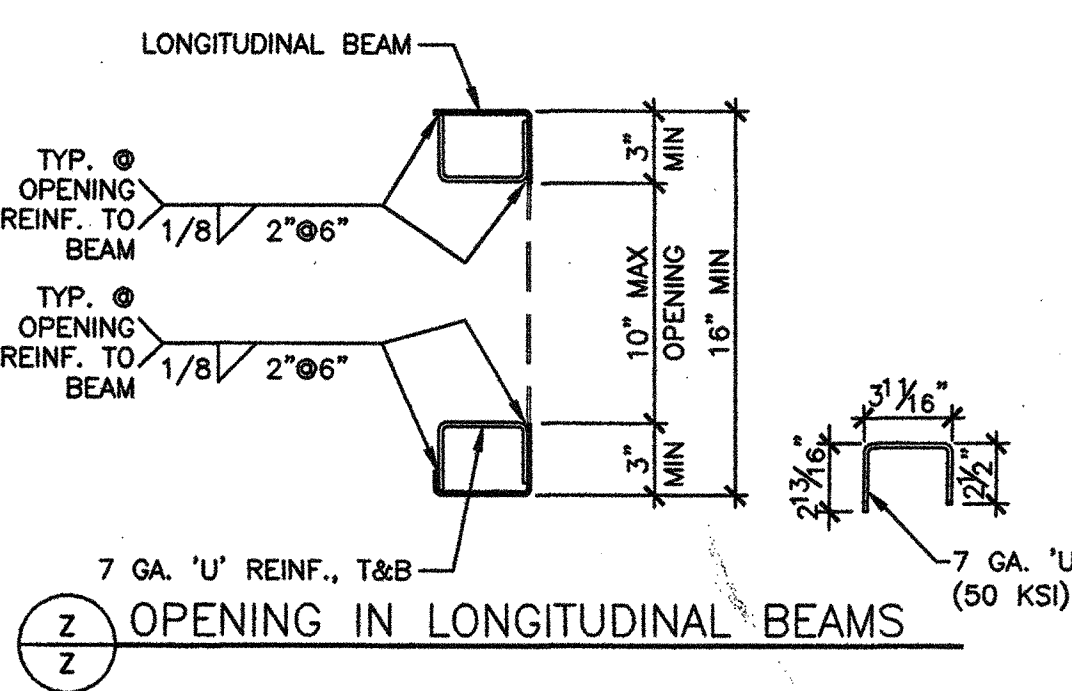
NOT USED

TYPICAL ROOF CHANNEL TO HSS DETAIL - (LOW SEISMIC)

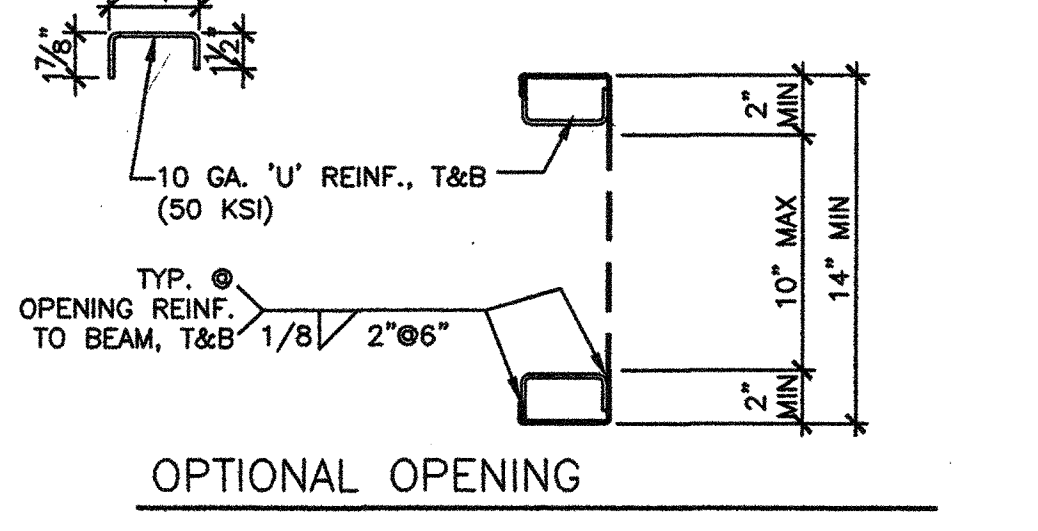
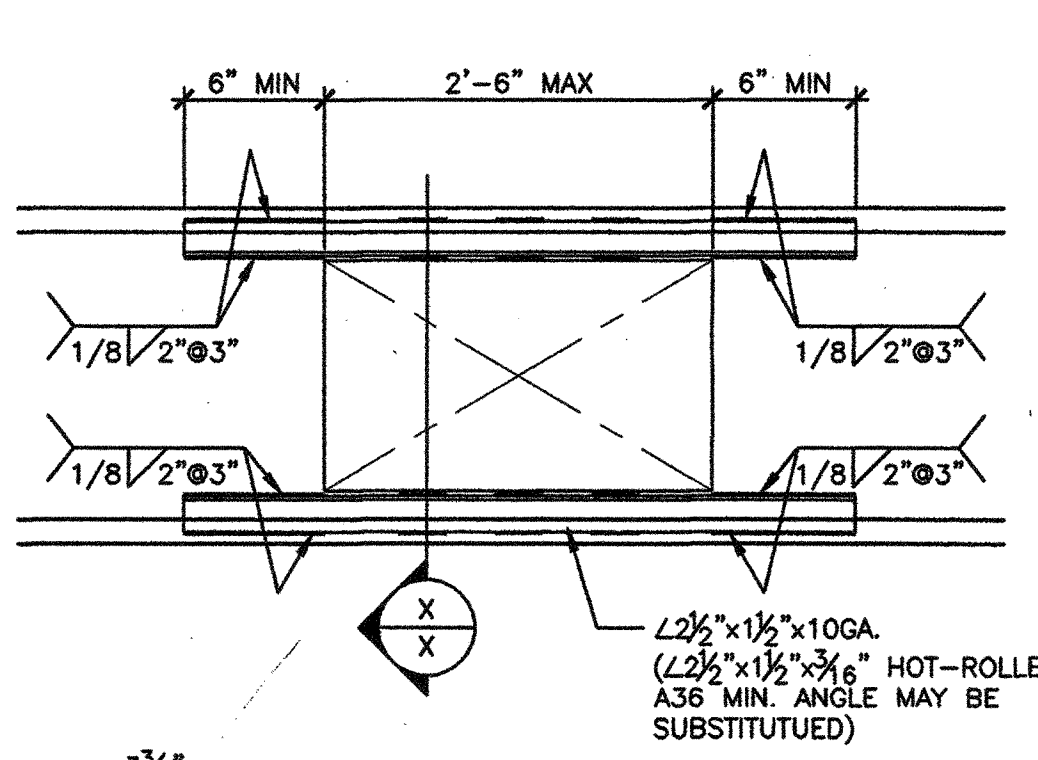
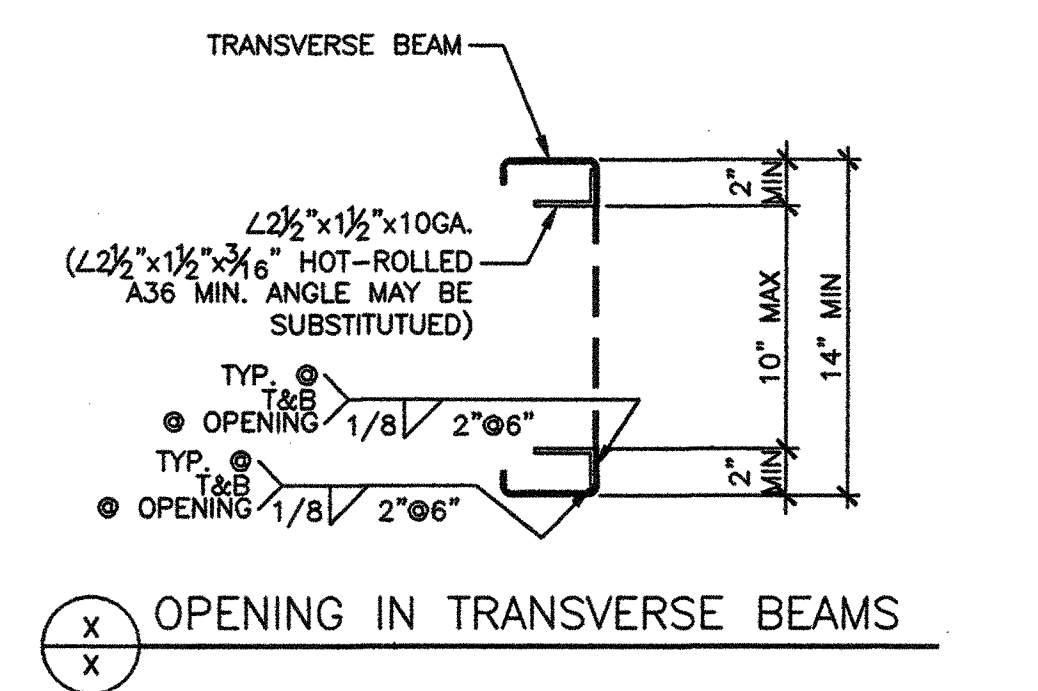
SCALE: 1 1/2"=1'-0"

TYPICAL ROOF CHANNEL TO HSS DETAIL - (HIGH SEISMIC)

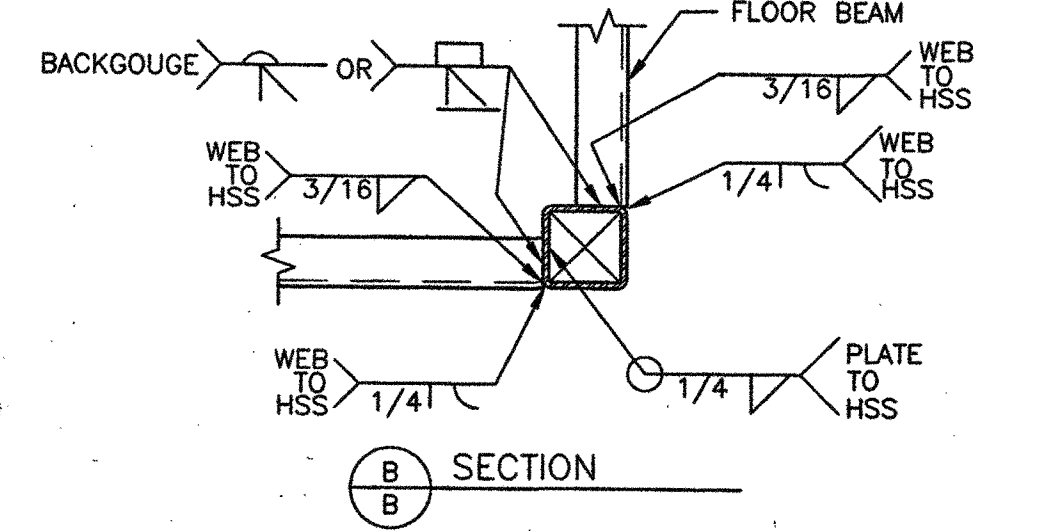
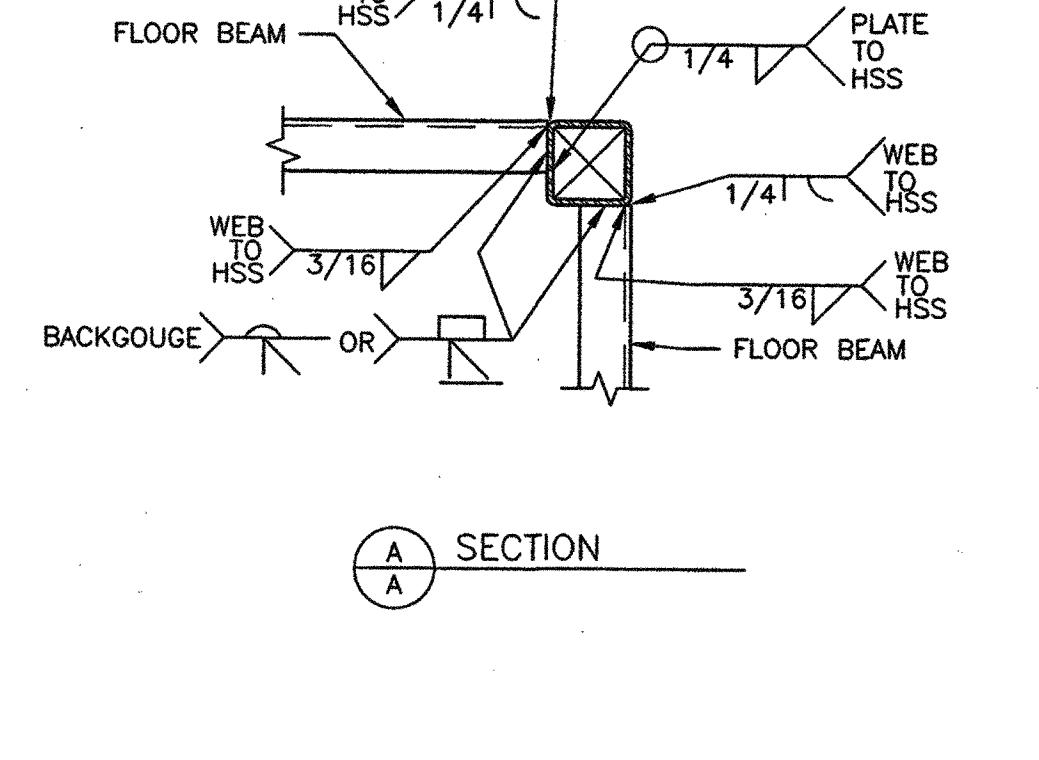
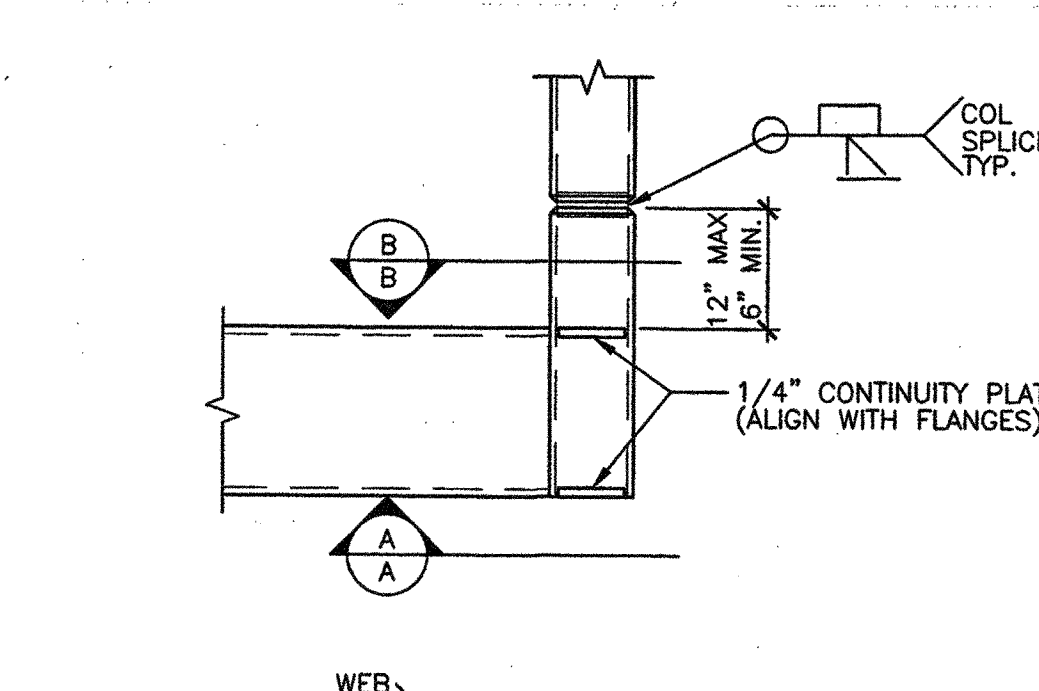
SCALE: 1 1/2"=1'-0"



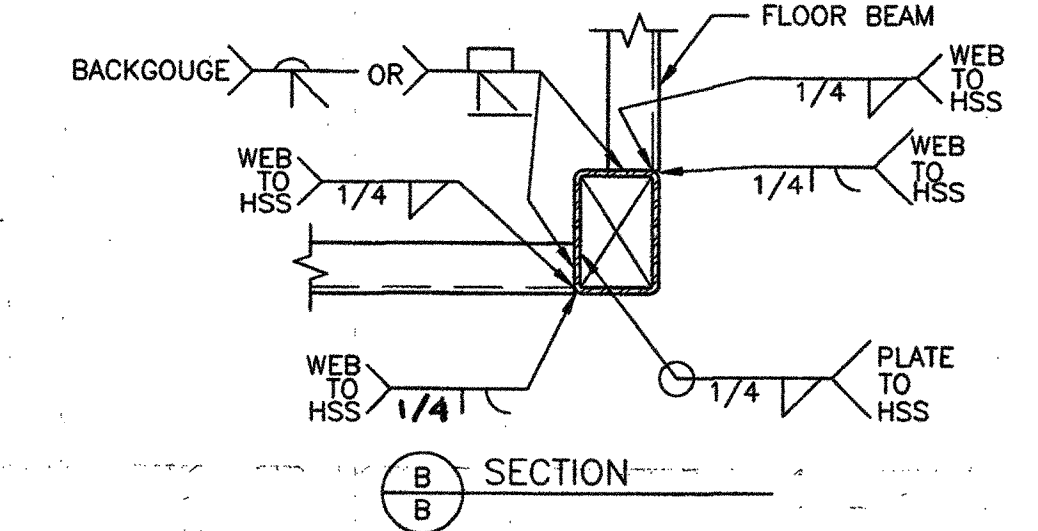
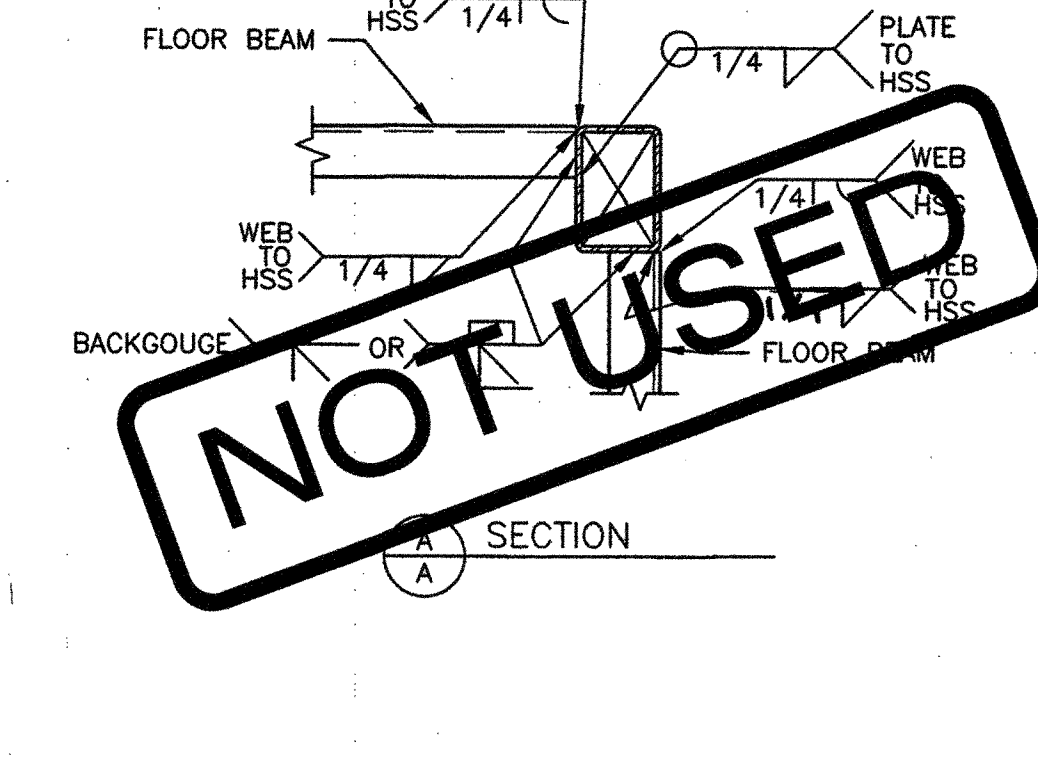
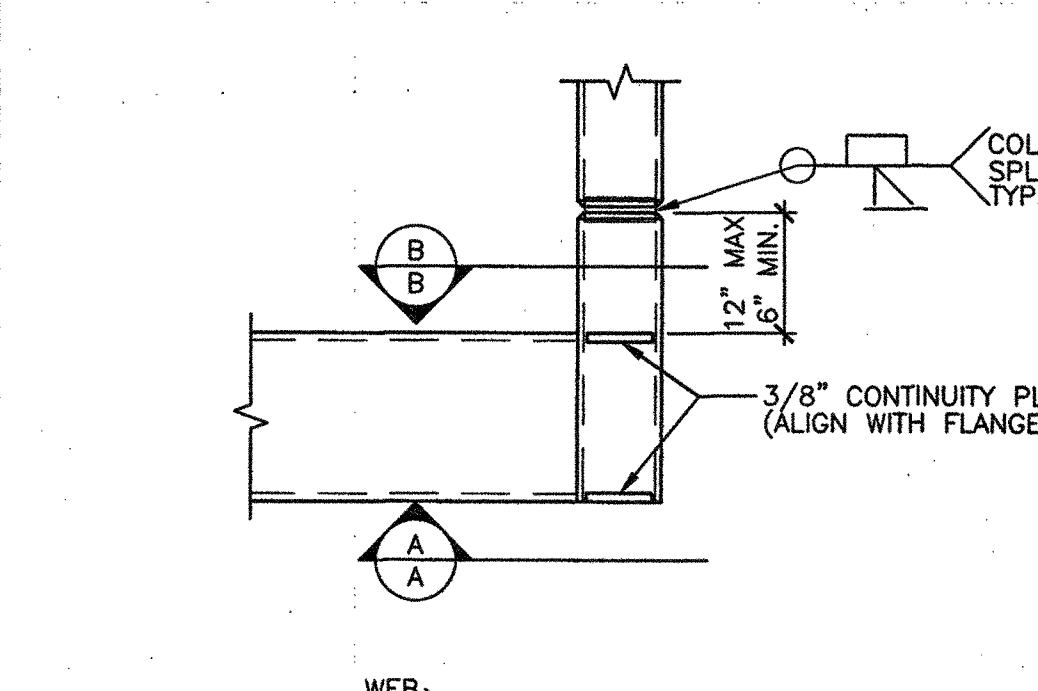
- NOTES:
- LOCATE DIAGONAL BRACE (SEE 1/S4.1) AT PURLINS CLOSEST TO EACH SIDE OF BEAM OPENING, TYP.
 - BEAM OPENING(S), LOCATED AT EXTERIOR WALLS W/ STUD WALL BELOW, MAY BE CONSTRUCTED PER DETAIL 4B/S5.1.



OPTIONAL OPENING



TYPICAL CORNER TO FLOOR BEAM DETAIL (LOW SEISMIC)



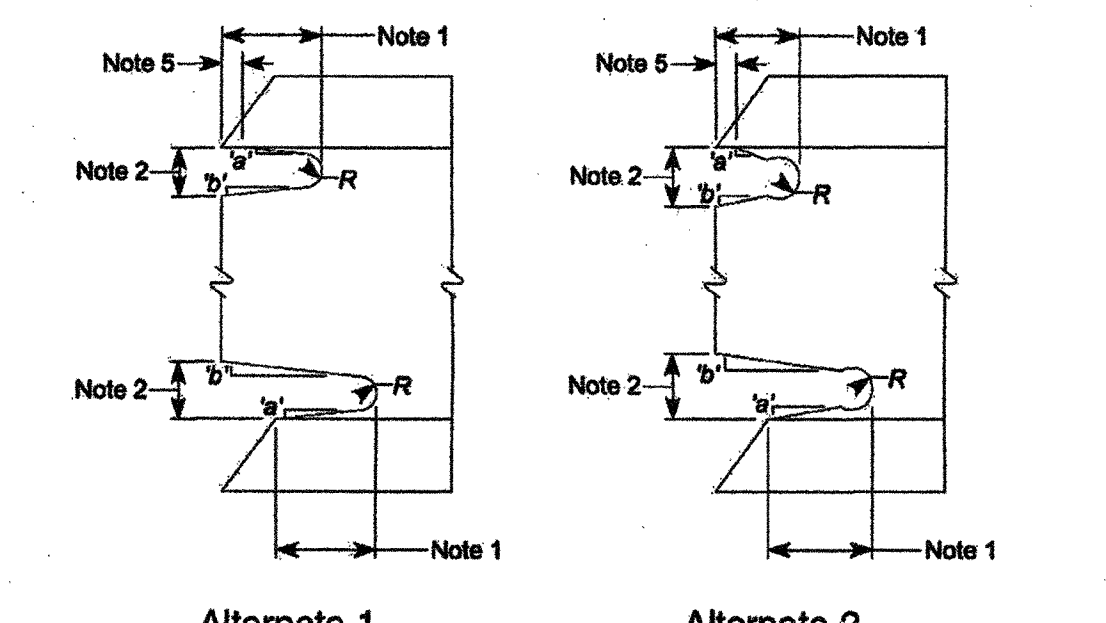
TYPICAL CORNER TO FLOOR BEAM DETAIL (HIGH SEISMIC)

NOT USED

GENERAL NOTES

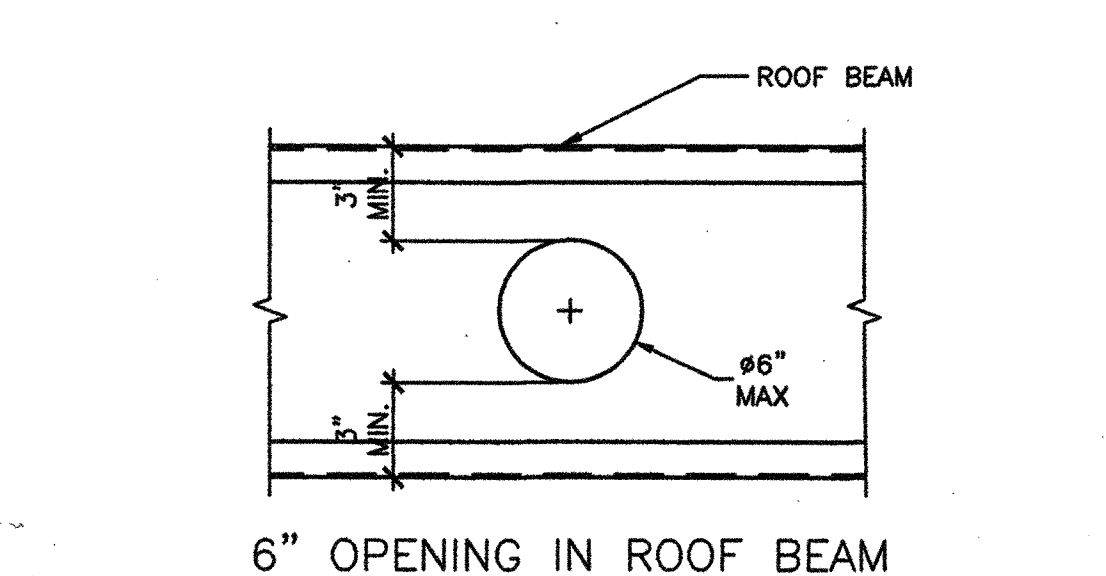
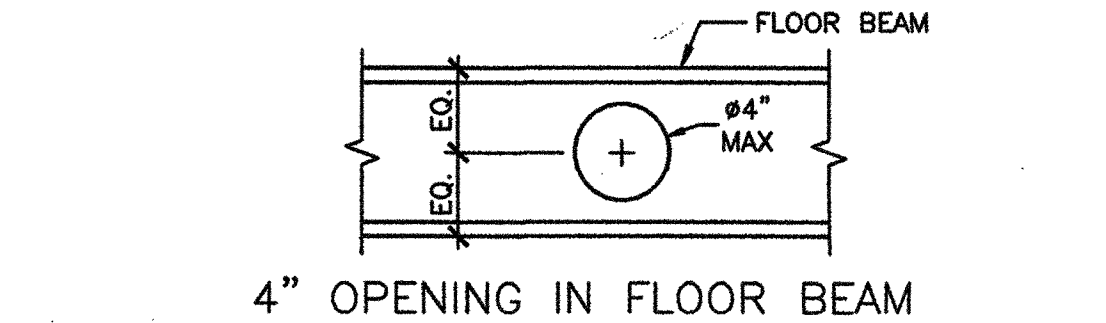
- FILLER METALS SHALL CONFORM TO THE REQUIREMENTS OF THE AISC SEISMIC PROVISIONS.
- WELDING PROCEDURES SHALL BE IN ACCORDANCE WITH THE AISC SEISMIC PROVISIONS.
-
-
-
-
-
-
- QUALITY CONTROL AND QUALITY ASSURANCE SHALL BE IN ACCORDANCE WITH THE AISC SEISMIC PROVISIONS.
- WELD ACCESS HOLES SHALL BE IN ACCORDANCE WITH AISC 360-10, SECTION J1.6, AND SHALL BE CONSTRUCTED PER THE FOLLOWING DETAILS & NOTES.

WELD ACCESS HOLE GEOMETRY



- NOTES: THESE ARE TYPICAL DETAILS FOR JOINTS WELDED FROM ONE SIDE AGAINST STEEL BACKING.
- LENGTH: GREATER OF 1.5t_w OR 1-1/2 IN. (38 MM)
 - HEIGHT: GREATER OF 1.0t_w OR 3/4 IN. (19 MM) BUT NEED NOT EXCEED 2 IN. (50 MM)
 - R: 3/8 IN. MIN. (10 MM). GRIND THE THERMALLY CUT SURFACES OF WELD ACCESS HOLES IN HEAVY SHAPES AS DEFINED IN SECTIONS A3.1(c) AND (d).
 - SLOPE 'a' FORMS A TRANSITION FROM THE WEB TO THE FLANGE. SLOPE 'b' MAY BE HORIZONTAL.
 - THE BOTTOM OF THE TOP FLANGE IS TO BE CONTOURED TO PERMIT THE TIGHT FIT OF BACKING BARS WHERE THEY ARE TO BE USED.

REQ. FOR FR MOMENT CONNECTIONS



OPENING @ ROOF BEAMS LONGITUDINAL BEAMS

OPENING @ ROOF BEAMS TRANSVERSE BEAMS

TYPICAL CORNER TO FLOOR BEAM DETAIL (LOW SEISMIC)

TYPICAL CORNER TO FLOOR BEAM DETAIL (HIGH SEISMIC)

OPENING IN BEAMS

SCALE: 1 1/2"=1'-0" 6

MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
TYPICAL LONGITUDINAL AND TRANSVERSE FRAME SECTIONS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01-115705
ACS FLS SSS
DATE APR 08 2016

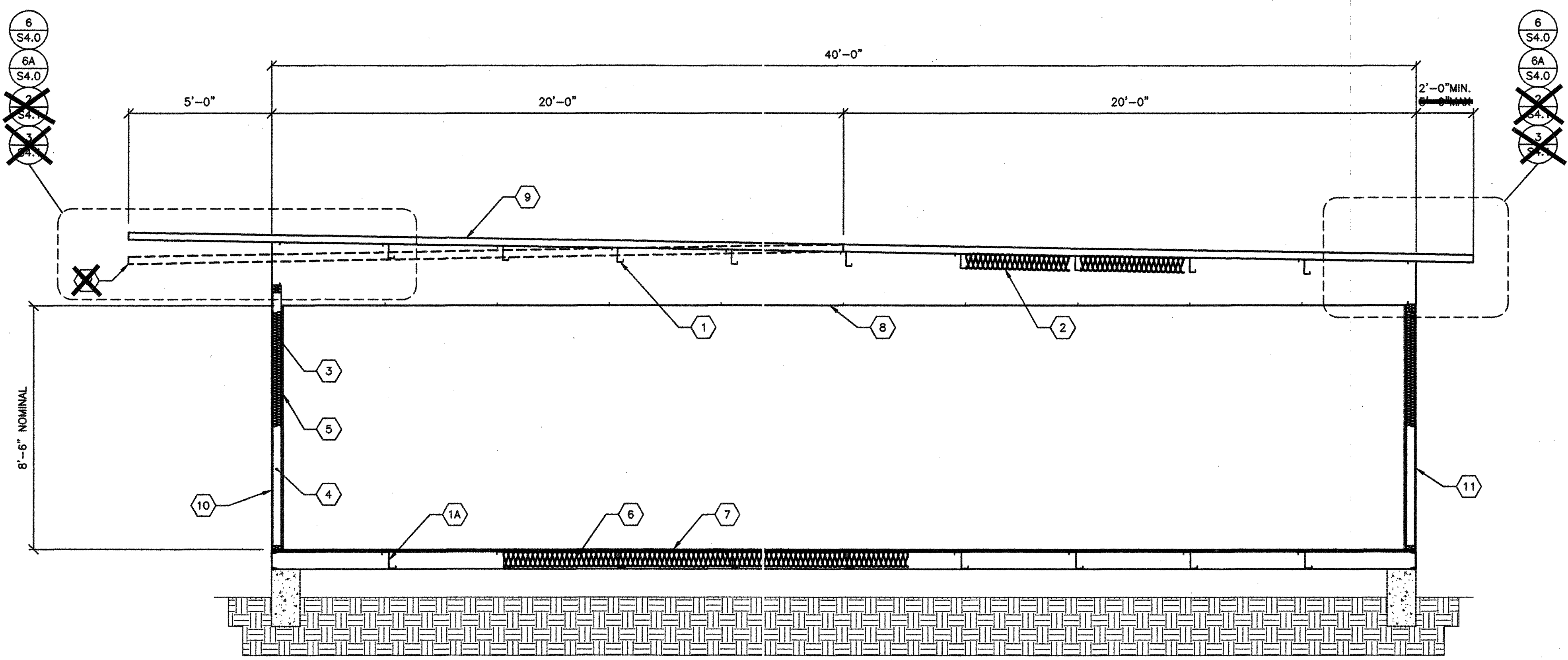
ORIGINAL PC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CA. DEPT. OF GENERAL SERVICES
PC 02-113876
AC FLS SS
DATE 6/22/15

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

REVISIONS

DRAWN BY:
SCALE: AS NOTED
DATE:

SHEET NUMBER
S6.0

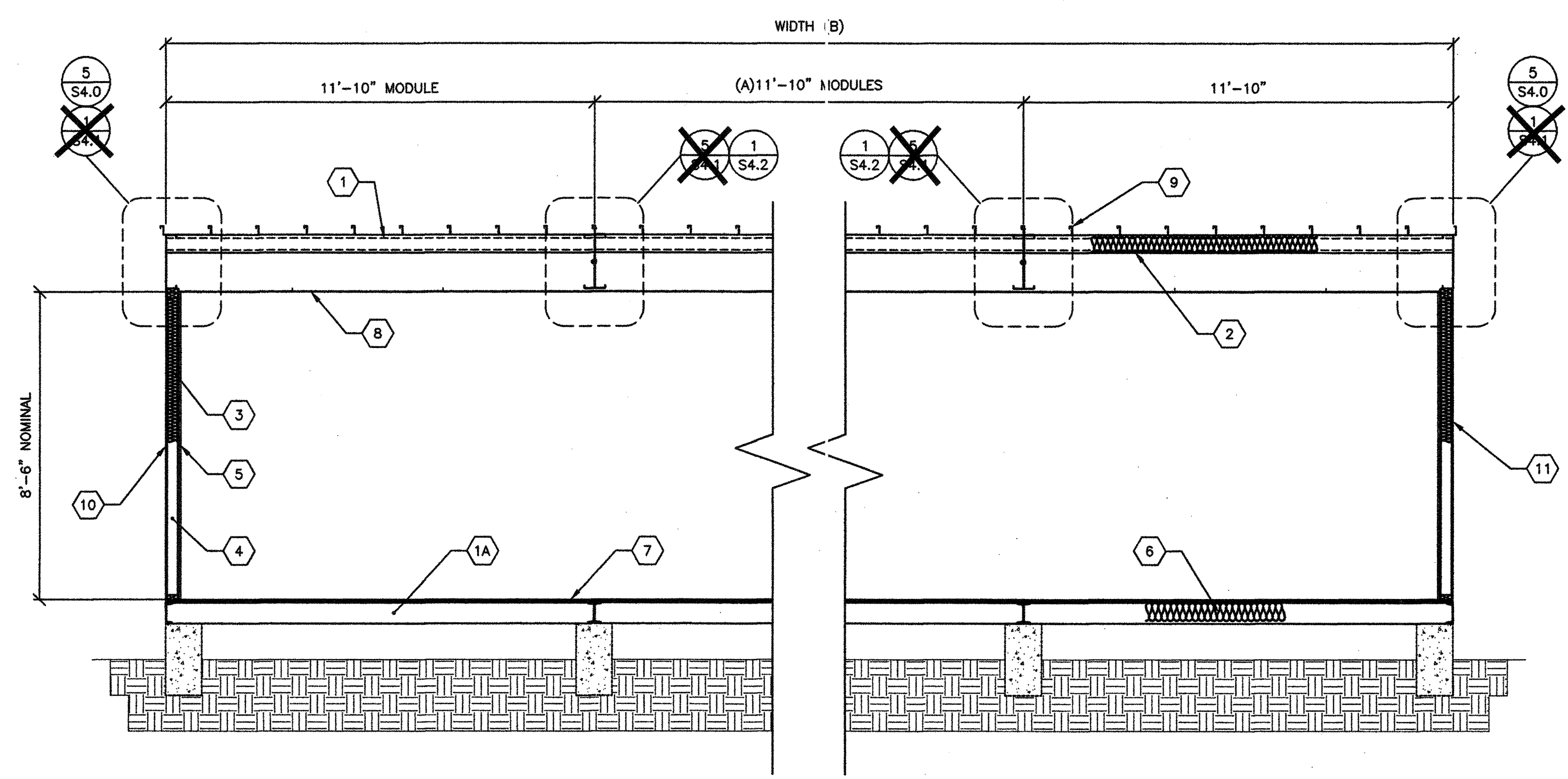


- 1 "Z" PURLINS @ 48" O.C.
- 1A STEEL "Z" FLOOR JOISTS
- 2 R-19 INSULATION w/22 GA WIRE @ 16" O.C.
- 3 INSULATION w/KRAFT PAPER
- 4 WALL STUDS PER SHEETS S8.0 & S9.0
- 5 VINYL FABRIC OVER TACKABLE BRACING PANELS
- 6 INSULATION w/KRAFT PAPER AND CHICKEN WIRE
- 7 1 1/2" PLYWOOD FLOOR SHEATHING FOR ALT SEE SHEET S3.1, S3.2 & S3.3
- 8 SUSPENDED T-BAR CEILING
- 9 METAL ROOF PANELS SEE ROOF FRAMING PLAN
- 10 TYPICAL SHEATHING NAILING .131x2 1/4" GALV @ 6" O.C. PANEL EDGES (ALL EDGES BLOCKED), .131x2 1/4" GALV @ 12" O.C. FIELD
- 11 EXTERIOR WALL FINISH PER EXTERIOR ELEVATIONS
- 12 REFER TO S6.0 FOR FINISH

TYP. LONGITUDINAL SECTION-MONO/DUAL PITCH

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

KEY NOTES



TYP. TRANSVERSE SECTION-MONO/DUAL PITCH

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

MODULE SCHEDULE

BLDG SIZE (FT)	TOTAL # OF 12' WIDE MODULES	"A" TOTAL # OF CENTER MODULES	"B" TOTAL BLDG WIDTH
<input checked="" type="checkbox"/> 24' x 40'	2	0	23'-8 1/4"
<input type="checkbox"/> 36' x 40'	3	1	35'-6 1/2"
<input type="checkbox"/> 48' x 40'	4	2	47'-4 3/4"
<input type="checkbox"/> 60' x 40'	5	3	59'-3"
<input type="checkbox"/> 72' x 40'	6	4	71'-1 1/4"
<input type="checkbox"/> 84' x 40'	7	5	82'-11 1/2"
<input type="checkbox"/> 96' x 40'	8	6	94'-9 3/4"
<input type="checkbox"/> 108' x 40'	9	7	106'-8"
<input type="checkbox"/> 120' x 40'	10	8	118'-6 1/4"

MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME

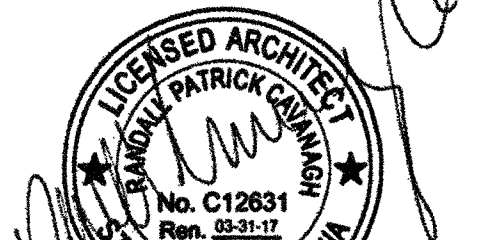
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE

WOOD STUD WALL FRAMING ELEVATIONS & SCHEDULES

MANUFACTURER PROFESSIONAL OF RECORD ON PC



05/19/2015

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01-115705

ACS DATE APR 08 2015

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CA. DEPT. OF GENERAL SERVICES

PC 02-113876

ACS DATE 6/22/15

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

REVISIONS

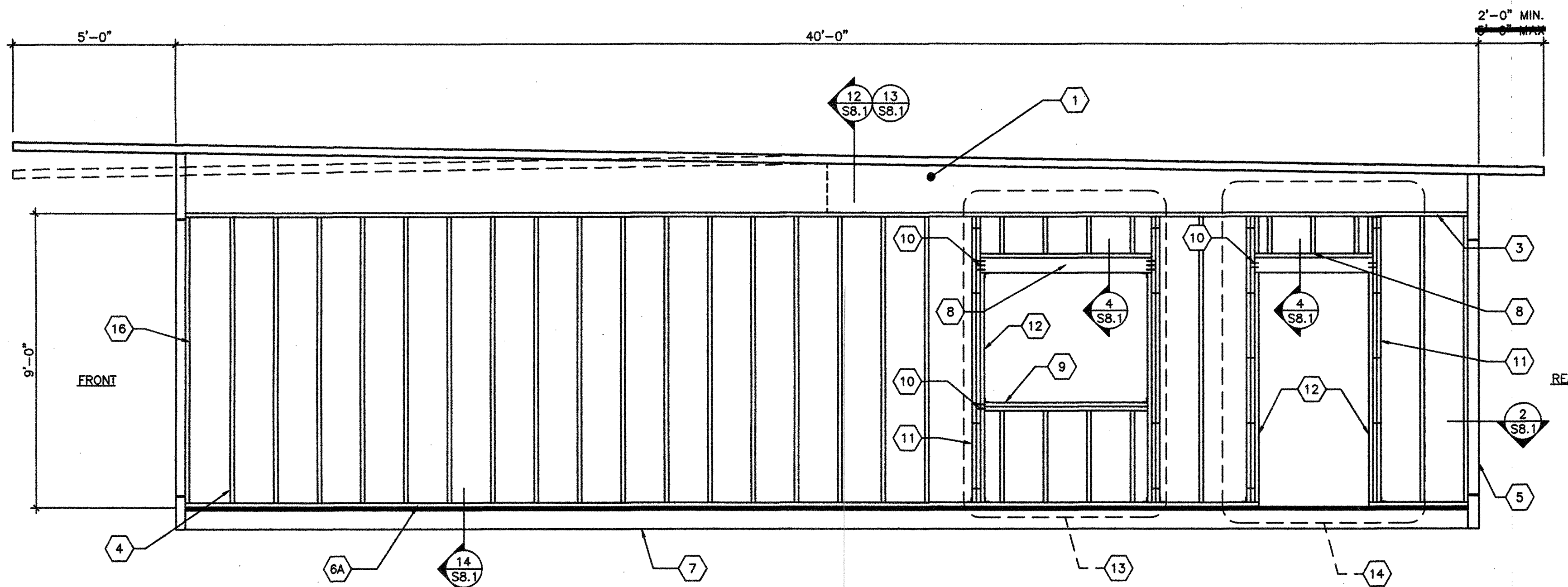
DRAWN BY:

SCALE: AS NOTED

DATE:

SHEET NUMBER

S8.0



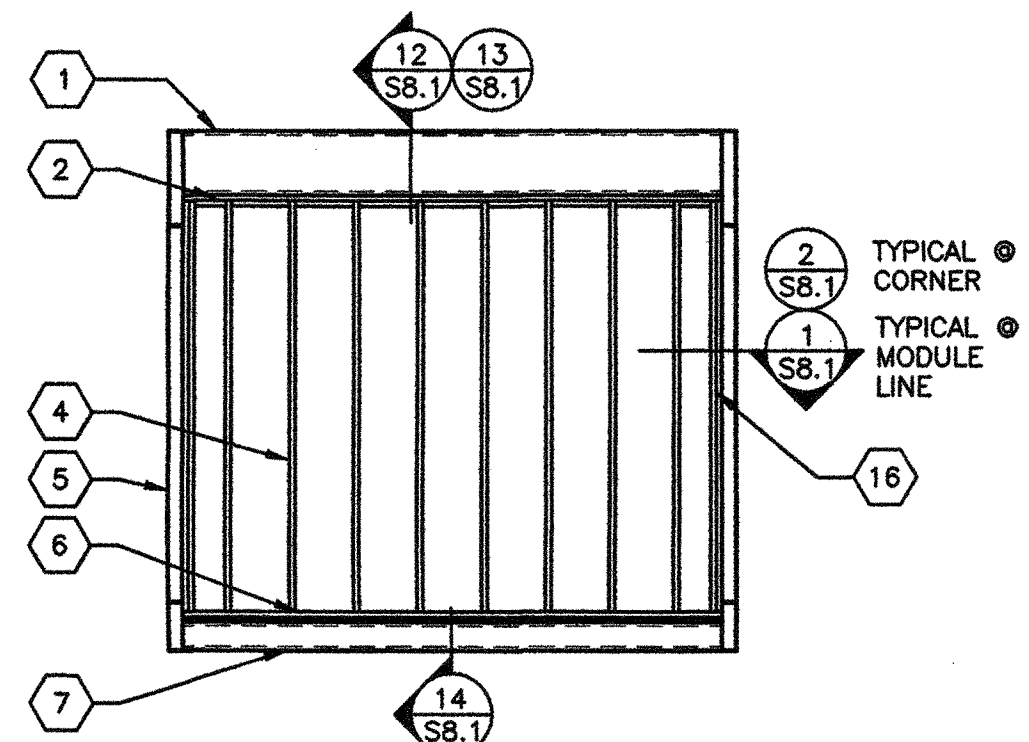
NOTE:
SEE S9.0 FOR ALTERNATE STEEL STUD WALL FRAMING

- 1 ROOF BEAM
- 2 2x4 PLATE NO SPLICE
- 3 2x4 PLATE
- 4 2x4 STUDS SPACED PER SCHEDULE w/(3) 0.131" x 3" END NAILS OR (4) 0.131" x 3" TOE NAILS T&B TO PLATES TYP.
- 5 HSS COLUMN
- 6 2x4 BOTTOM PLATE P.T. @ CONCRETE FLOORS
- 6A 2x4 BOTTOM PLATE P.T. @ CONCRETE FLOORS
- 7 PERIMETER FLOOR BEAM
- 8 HEADER PER SCHEDULE AND DETAIL 4/S8.1
- 9 WINDOW SILL PER SCHEDULE
- 10 END NAILS THRU KING STUD TO HEADER OR SILL PER SCHEDULE
- 11 KING STUDS PER SCHEDULE
- 12 2x4 TRIMMER
- 13 OPTIONAL WINDOW OPENING FRAMING PER SCHEDULE (REFER TO 4/S8.0 FOR DETAILS AND FLOOR PLANS FOR LOCATIONS)
- 14 OPTIONAL DOOR OPENING FRAMING PER SCHEDULE (REFER TO 5/S8.0 FOR DETAILS AND FLOOR PLANS FOR LOCATIONS)
- 15 HVAC OPENING @ INTERIOR WALL
- 15A HVAC OPENING @ EXTERIOR WALL
- 16 2x NAILER

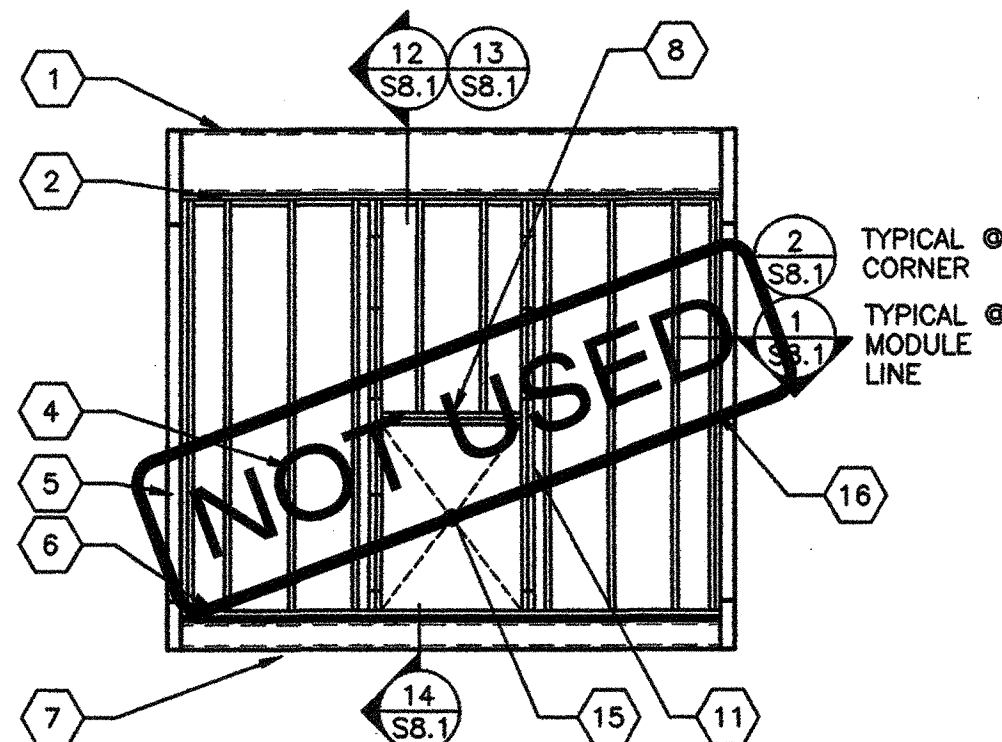
TYPICAL SIDE WALL FRAMING (MONO/DUAL PITCH)

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

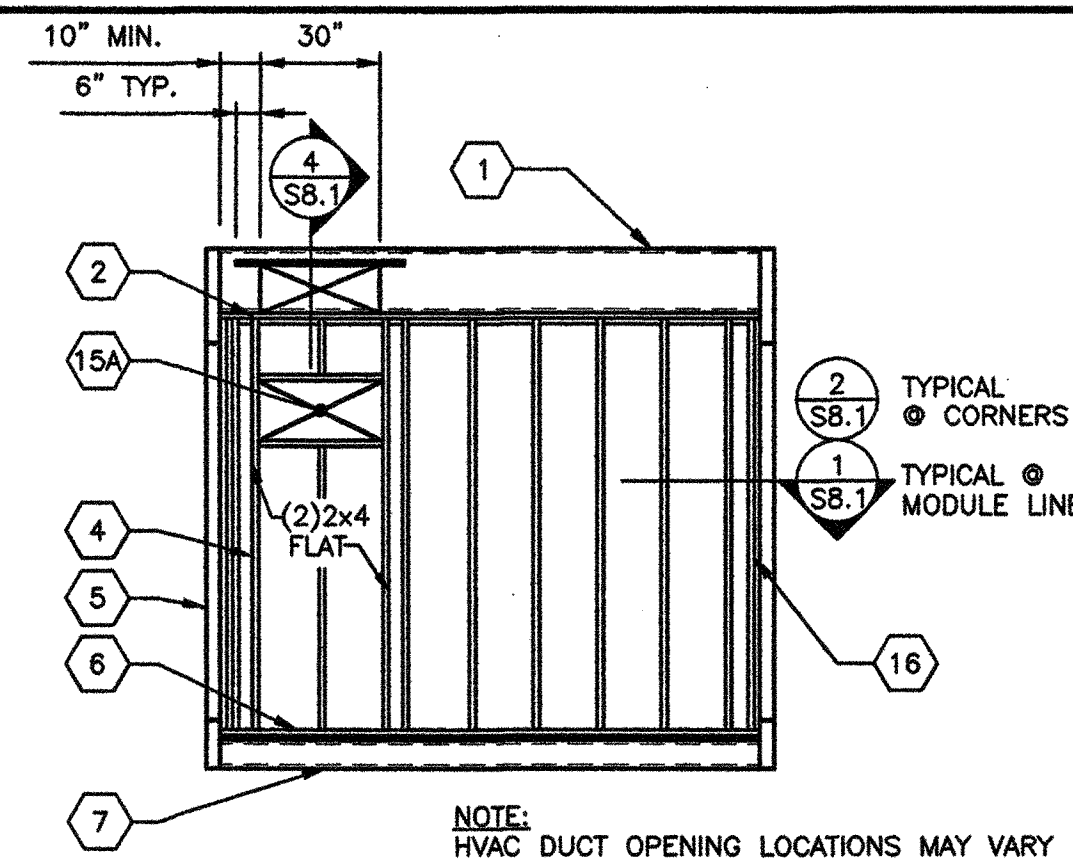
KEY NOTES



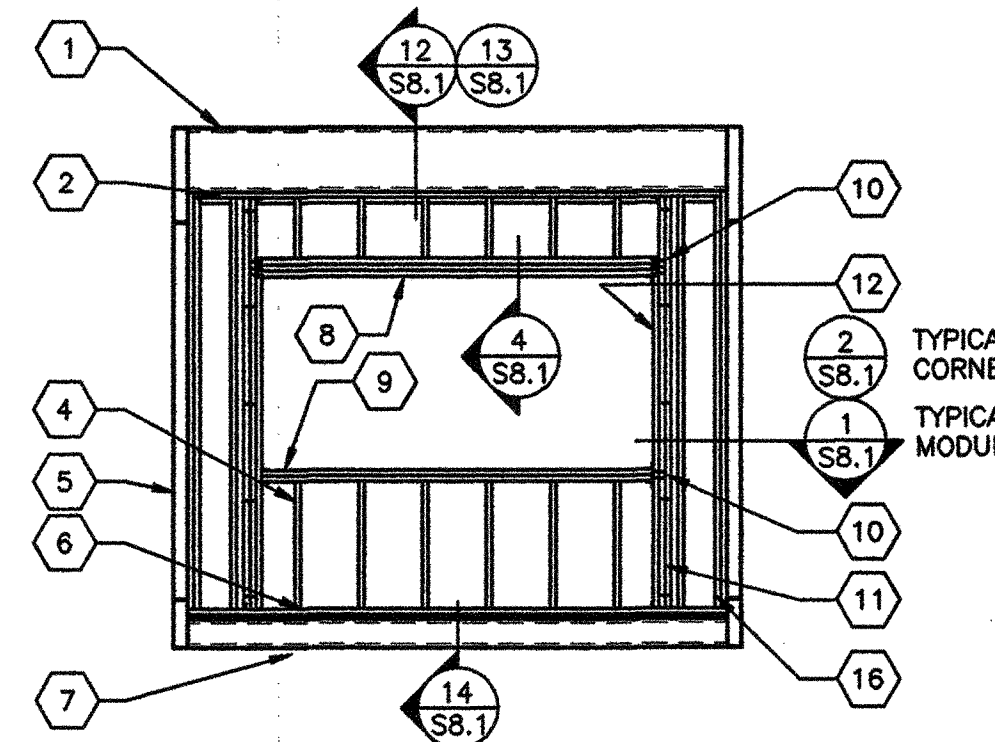
NOTE:
SEE S9.0 FOR ALTERNATE STEEL STUD WALL FRAMING



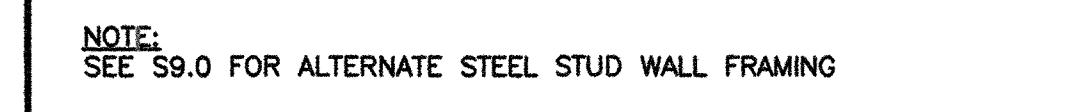
NOTE:
SEE S9.0 FOR ALTERNATE STEEL STUD WALL FRAMING



NOTE:
SEE S9.0 FOR ALTERNATE STEEL STUD WALL FRAMING



NOTE:
SEE S9.0 FOR ALTERNATE STEEL STUD WALL FRAMING



NOTE:
SEE S9.0 FOR ALTERNATE STEEL STUD WALL FRAMING

TYP. END WALL FRAMING w/NO OPENINGS SCALE: 1/4"=1'-0"

TYP. END WALL FRAMING w/INDOOR HVAC UNIT SCALE: 1/4"=1'-0"

TYP. END WALL FRAMING w/WALL HUNG HVAC UNIT SCALE: 1/4"=1'-0"

TYPICAL END WALL FRAMING WINDOW SCALE: 1/4"=1'-0"

TYPICAL END WALL FRAMING w/DOOR SCALE: 1/4"=1'-0"

FINISH TYPE	FOUNDATION TYPE	WALL FINISH COMMENTS	STUD TYPE	STUD SPACING TYPICAL	STUD SPACING @ CORNERS
5/8" PLYWOOD SHEATHING 303 CONFORMING TO PS1-95, VERTICAL GROOVES @ 8" O.C.	WOOD OR CONCRETE	WALL FINISH PER A5.1 JOINT DETAIL SEE 10/S8.1 NAILING PER BLDG SECTIONS	HEM FIR #2	16" O.C.	16" O.C.
5/8" PLYWOOD SHEATHING 303 CONFORMING TO PS1-95, VERTICAL GROOVES @ 8" O.C.	WOOD OR CONCRETE	WALL FINISH PER A5.1 JOINT DETAIL SEE 10/S8.1 NAILING PER BLDG SECTIONS	DOUG FIR #2	16" O.C.	16" O.C.
5/8" PLYWOOD SHEATHING 303 CONFORMING TO PS1-95, VERTICAL GROOVES @ 8" O.C.	WOOD OR CONCRETE	PER SHEETS A5.5 & A5.7	HEM FIR #2	16" O.C.	16" O.C.
5/8" PLYWOOD SHEATHING 303 CONFORMING TO PS1-95, VERTICAL GROOVES @ 8" O.C.	WOOD OR CONCRETE	PER SHEETS A5.5 & A5.7	DOUG FIR #2	16" O.C.	16" O.C.
1/2" PLYWOOD SHEATHING CONFORMING TO PS1-95, APA RATED, 5 PLY 32/16, OR 1/2" O.S.B. PANELS EXPOSURE 1 w/ 3/8" STUCCO	CONCRETE ONLY	WALL FINISH PER A5.3 NAILING PER BLDG SECTIONS	HEM FIR #2	16" O.C.	12" O.C.
1/2" PLYWOOD SHEATHING CONFORMING TO PS1-95, APA RATED, 5 PLY 32/16, OR 1/2" O.S.B. PANELS EXPOSURE 1 w/ 3/8" STUCCO	CONCRETE ONLY	WALL FINISH PER A5.3 NAILING PER BLDG SECTIONS	DOUG FIR #2	16" O.C.	16" O.C.

- ALL NAILS IN EXTERIOR APPLICATIONS TO BE GALVANIZED.
- BUILDING CORNERS ARE DEFINED AS A DISTANCE OF 4 FEET IN BOTH DIRECTIONS FROM EACH CORNER OF THE BUILDING
- TYPICAL PLYWOOD NAILING WHERE OCCURS .131x2 1/4" GALV @ 6" O.C E.N. & 12" O.C. F.N. (ALL EDGES BLOCKED)

EXTERIOR WALL FINISH/WALL STUD SCHEDULE

DOOR/WINDOW OPENINGS AT TYPICAL WALL (NO STUCCO)						
OPENING	HEADER	WINDOW SILLS	KING STUDS ¹	KING STUDS INTERNALING SPACING W/0.131"x3" NAILS STAGGERED	HEADER TO KING STUDS NAILS	SILL TO KING STUDS NAILS
8'-0" UP TO 10'-0"	(4) 2x4	(2) 2x4	3	20" O.C. MAX	6	5
6'-0" UP TO 8'-0"	(3) 2x4	(2) 2x4	2	20" O.C. MAX	5	4
3'-0" UP TO 6'-0"	(3) 2x4	(2) 2x4	2	20" O.C. MAX	4	3
3'-0" OR LESS	(3) 2x4	(2) 2x4	2	20" O.C. MAX	3	2

DOOR/WINDOW OPENINGS AT STUCCO WALLS						
OPENING	HEADER	WINDOW SILLS	KING STUDS ¹	KING STUDS INTERNALING SPACING W/0.131"x3" NAILS STAGGERED	HEADER TO KING STUDS NAILS	SILL TO KING STUDS NAILS
8'-0" UP TO 10'-0"	(4) 2x4	(4) 2x4	4	16" O.C. MAX	6	6
6'-0" UP TO 8'-0"	(3) 2x4	(3) 2x4	3	16" O.C. MAX	5	4
3'-0" UP TO 6'-0"	(3) 2x4	(2) 2x4	3	16" O.C. MAX	4	3
3'-0" OR LESS	(3) 2x4	(2) 2x4	2	16" O.C. MAX	3	3

- PROVIDE (2) SIMPSON A34'S T&B OF KING STUDS TO PLATES FOR OPENINGS GREATER THAN 3'-0". PROVIDE (1) SIMPSON A34'S T&B OF KING STUDS TO PLATES FOR OPENINGS 3'-0" OR LESS.
- WHEN MORE THAN A SINGLE SILL PLATE IS REQUIRED, INTERNAL W/0.131"x3" NAILS @ 12" O.C. STAGGERED
- BUILDING CORNERS ARE DEFINED AS A DISTANCE OF 4 FEET IN BOTH DIRECTIONS FROM EACH CORNER OF THE BUILDING
- TABLE ABOVE IS VALID FOR BOTH CORNER & NON-CORNER LOCATIONS

OPENING SCHEDULE

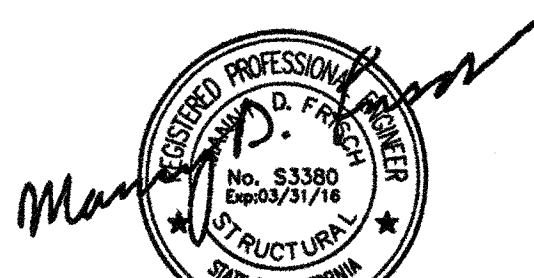
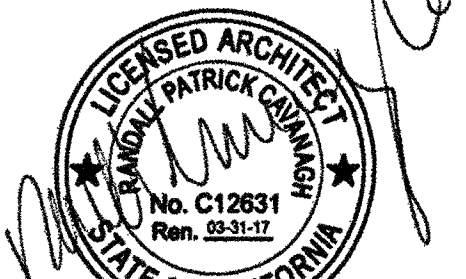
MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
WOOD STUDS WALL FRAMING DETAILS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



05/19/2015

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01-115705

ACS FLS SSS

DATE APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CA. DEPT. OF GENERAL SERVICES

PC 02-113876

AC FLS SSS

DATE 6/22/15

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

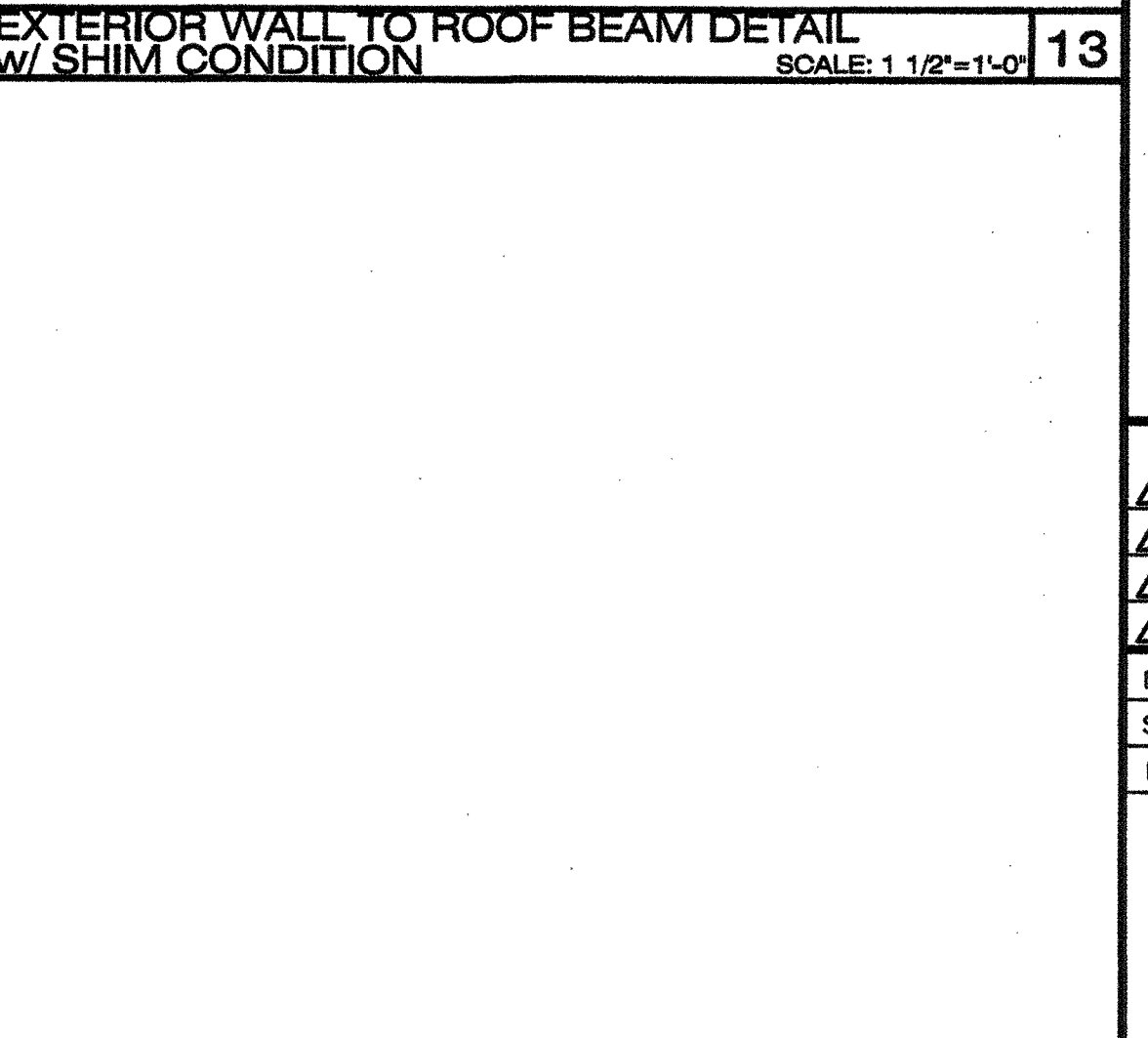
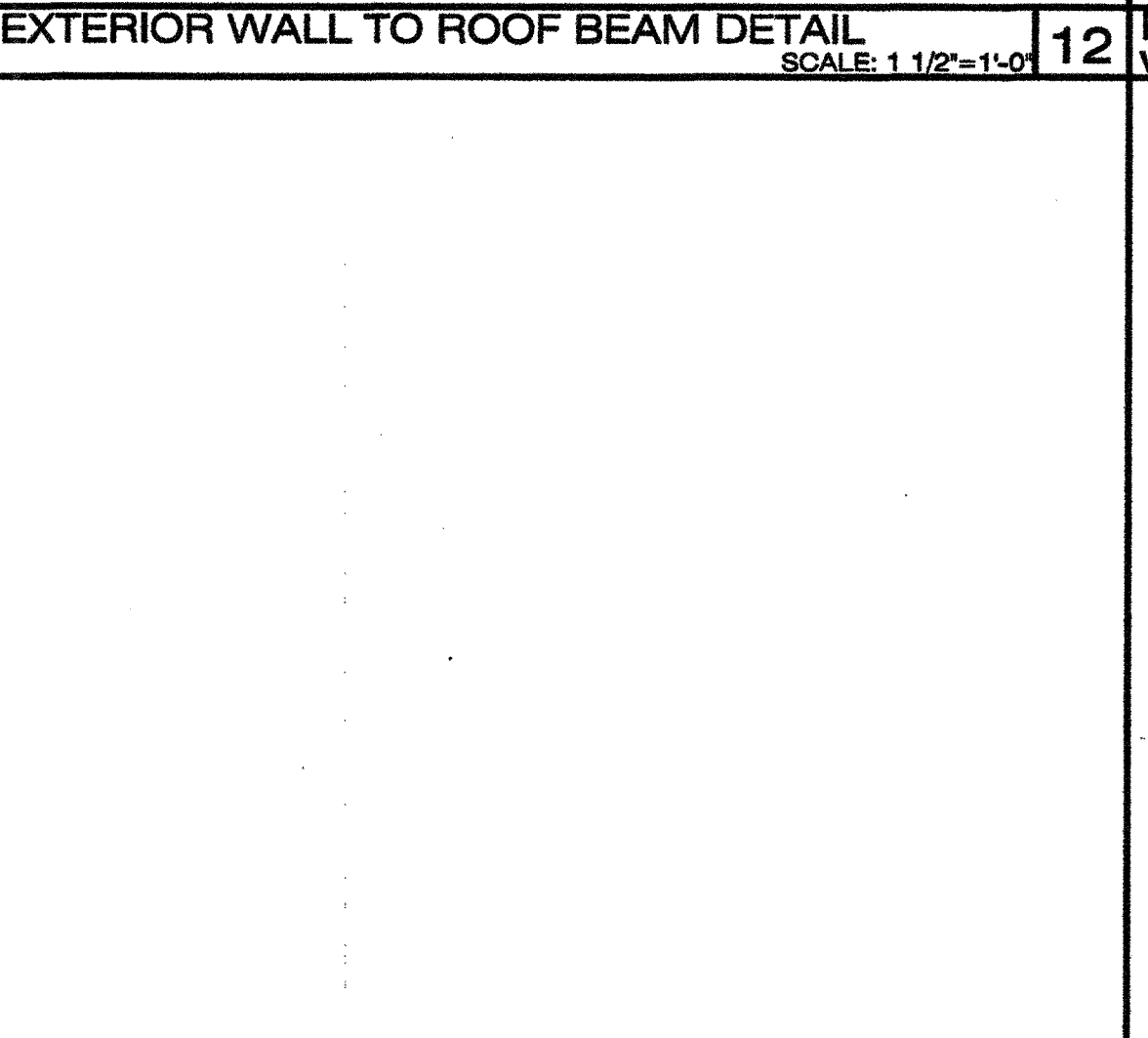
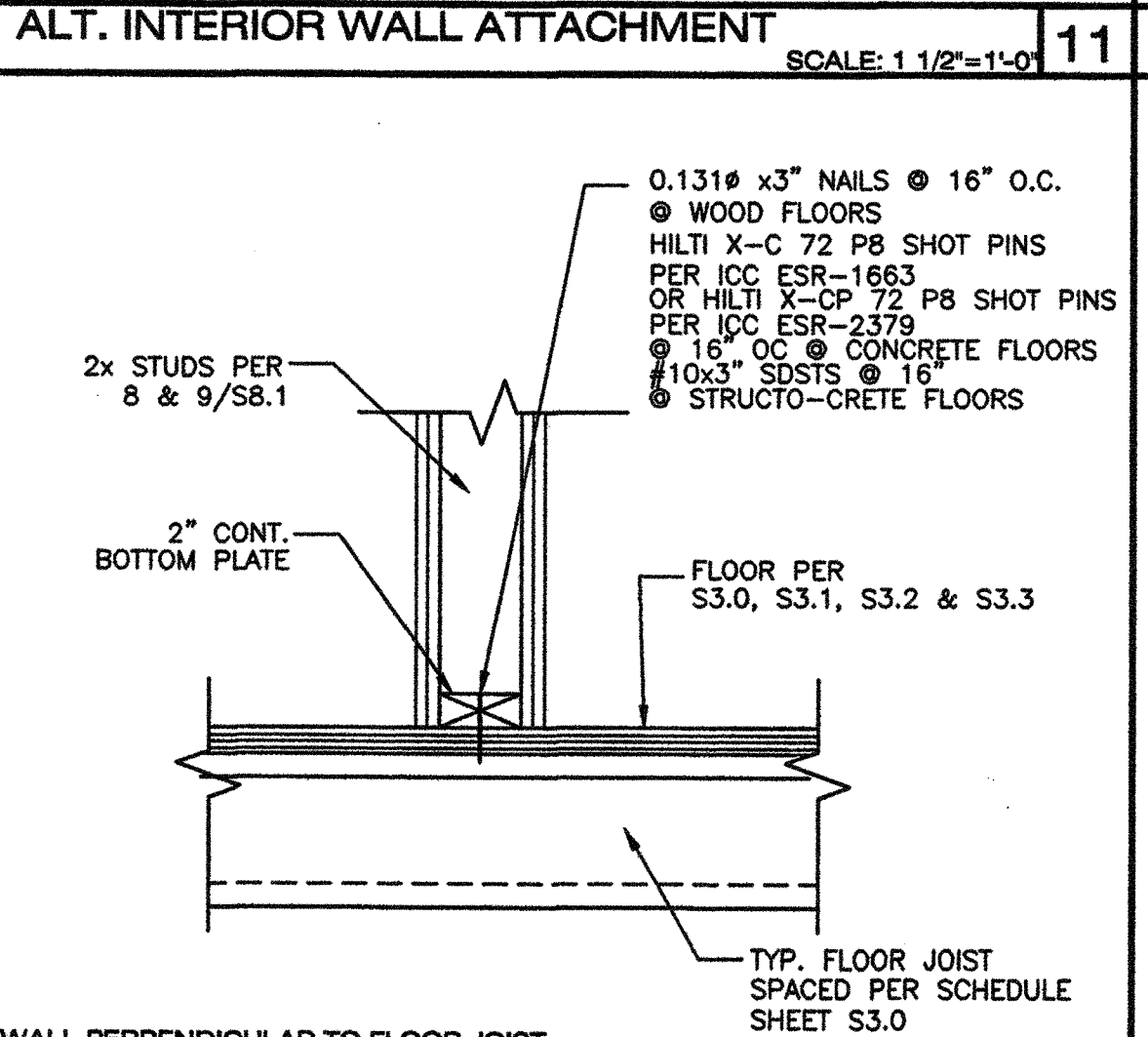
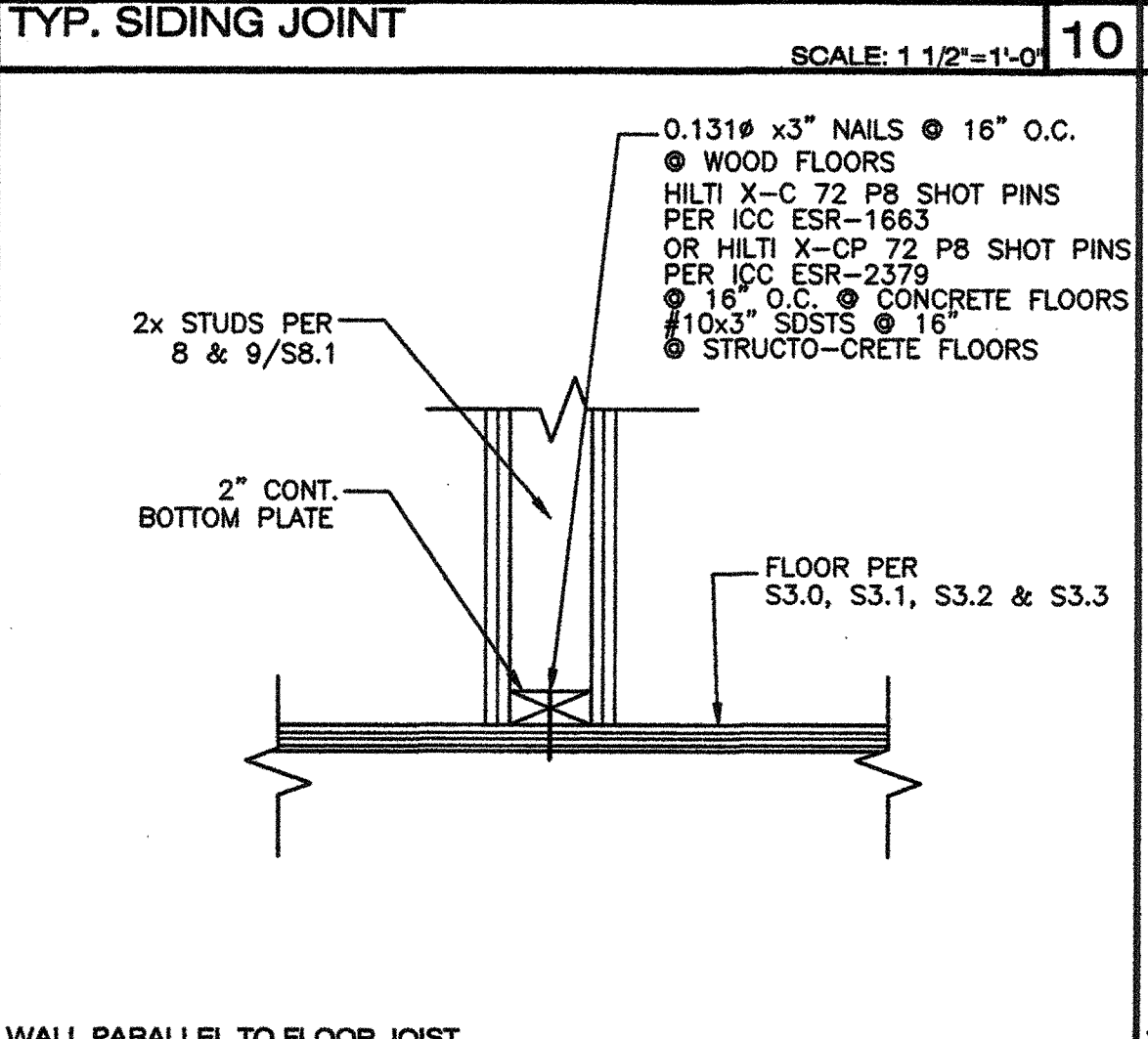
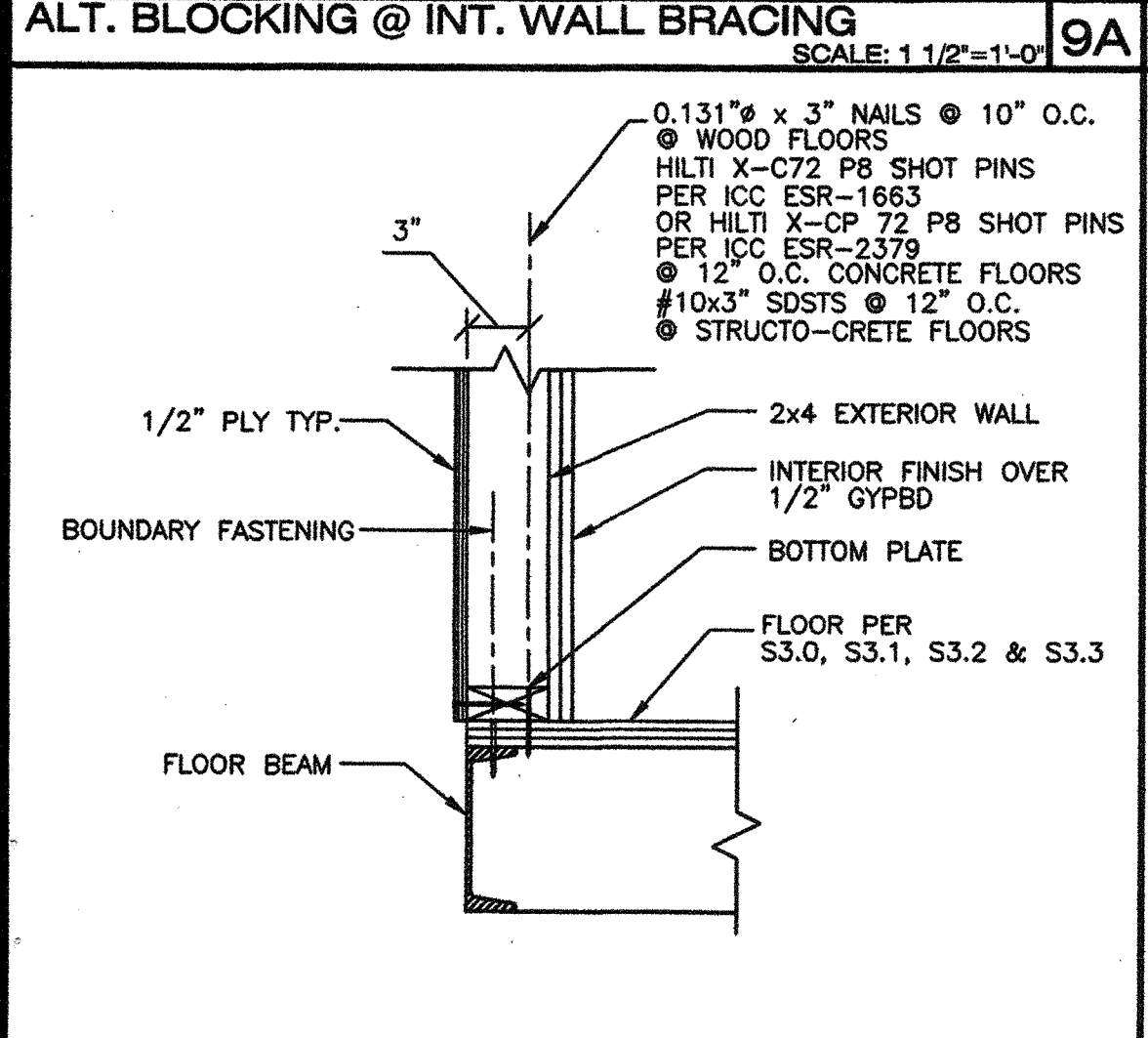
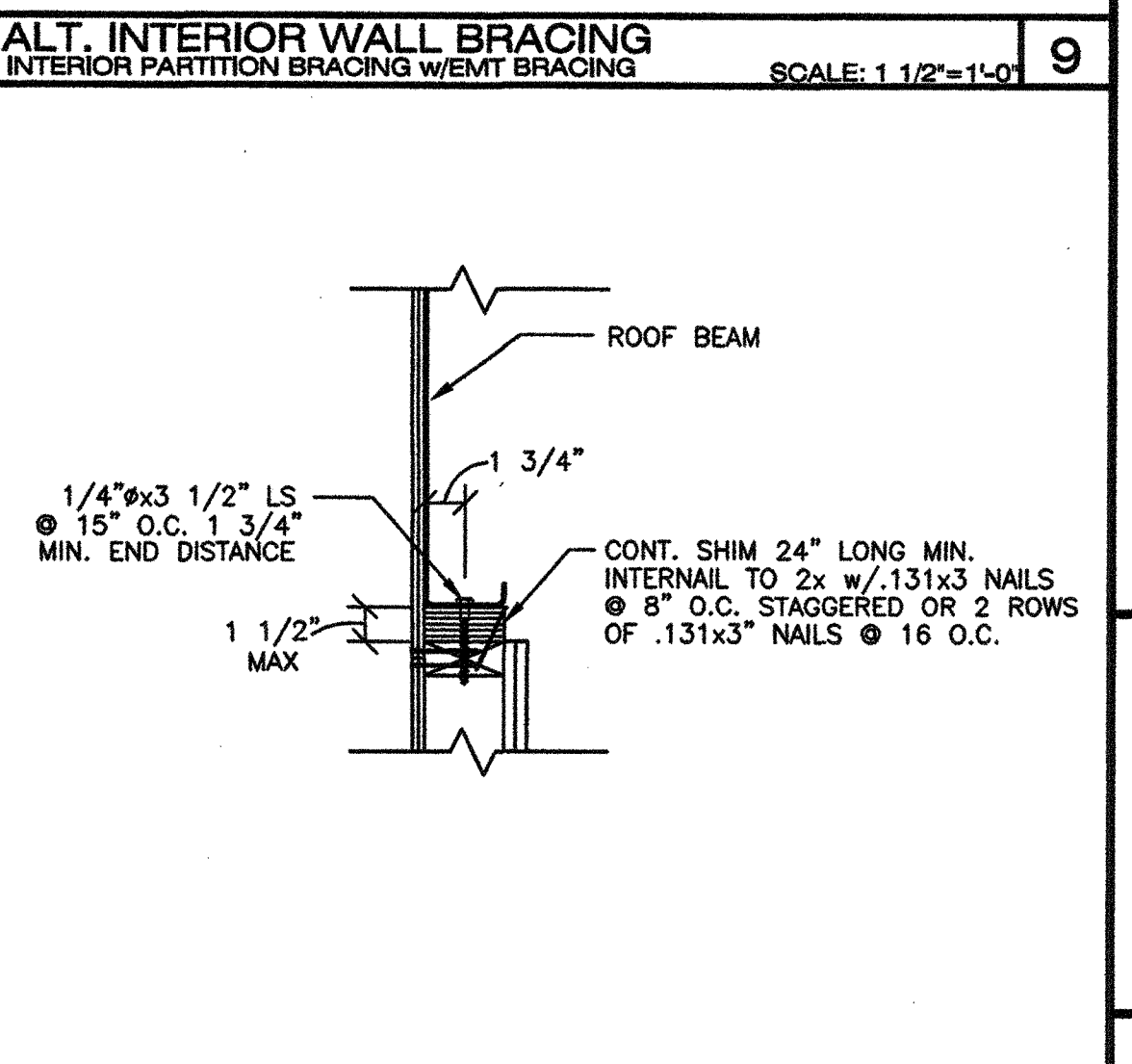
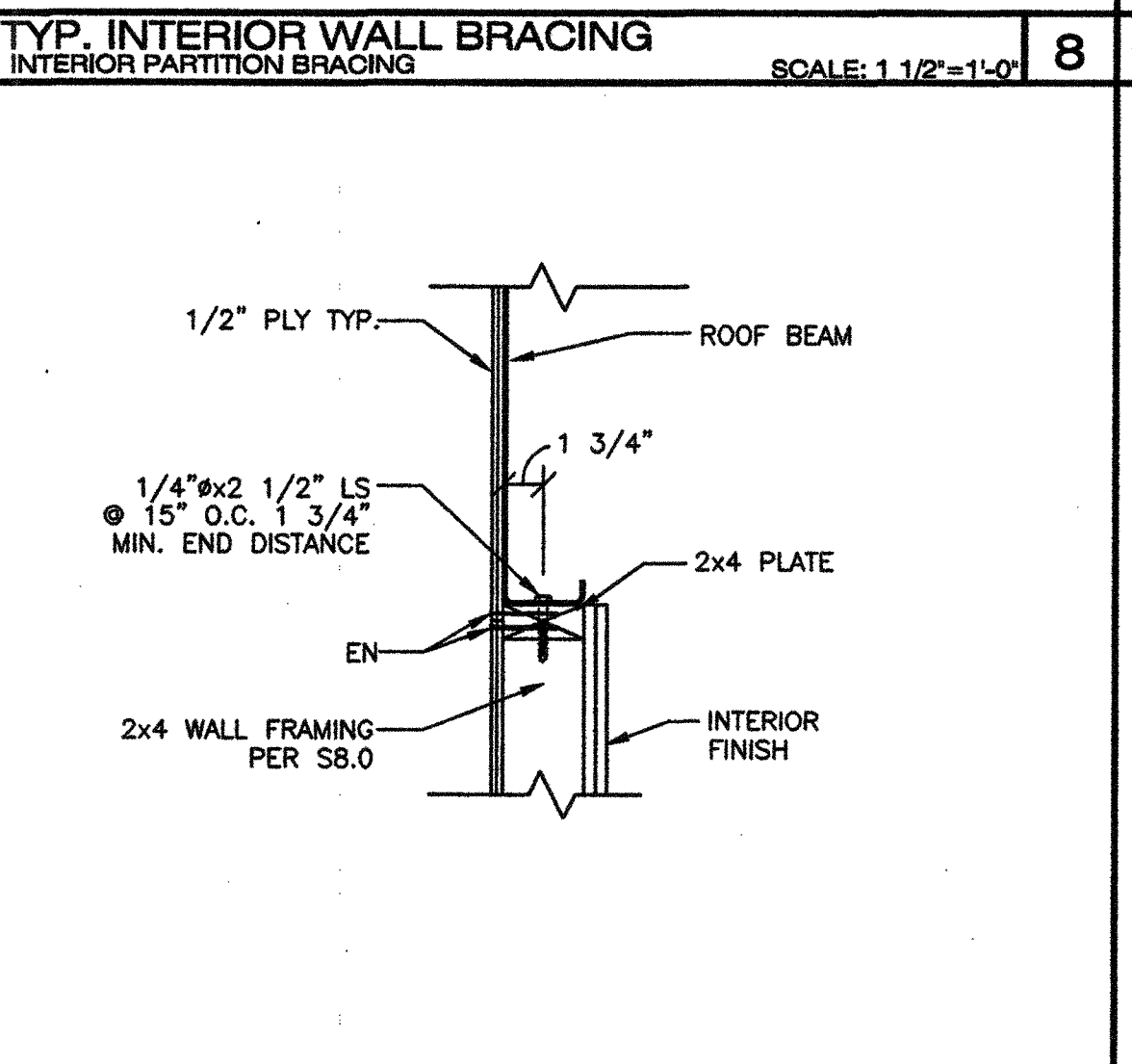
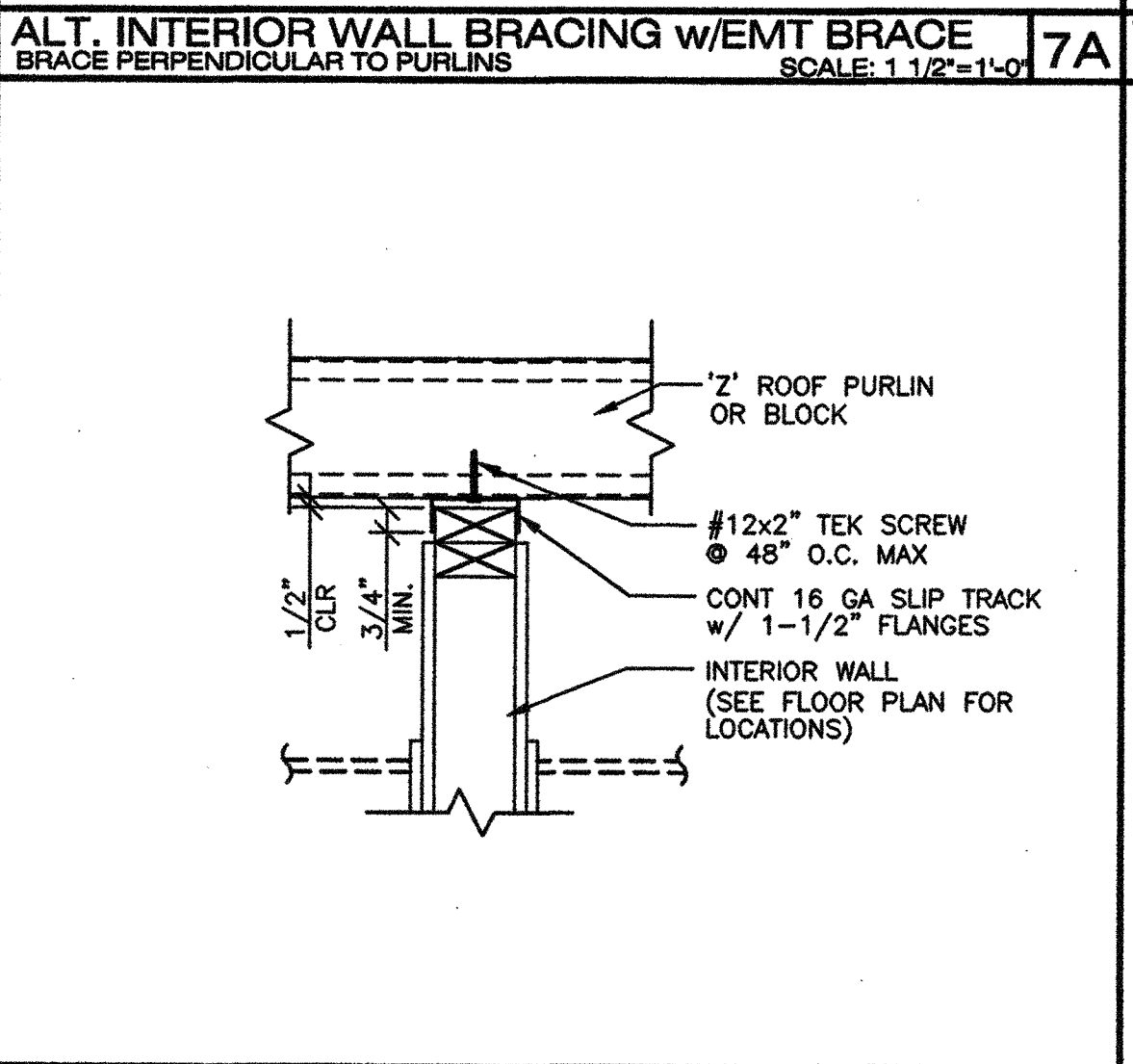
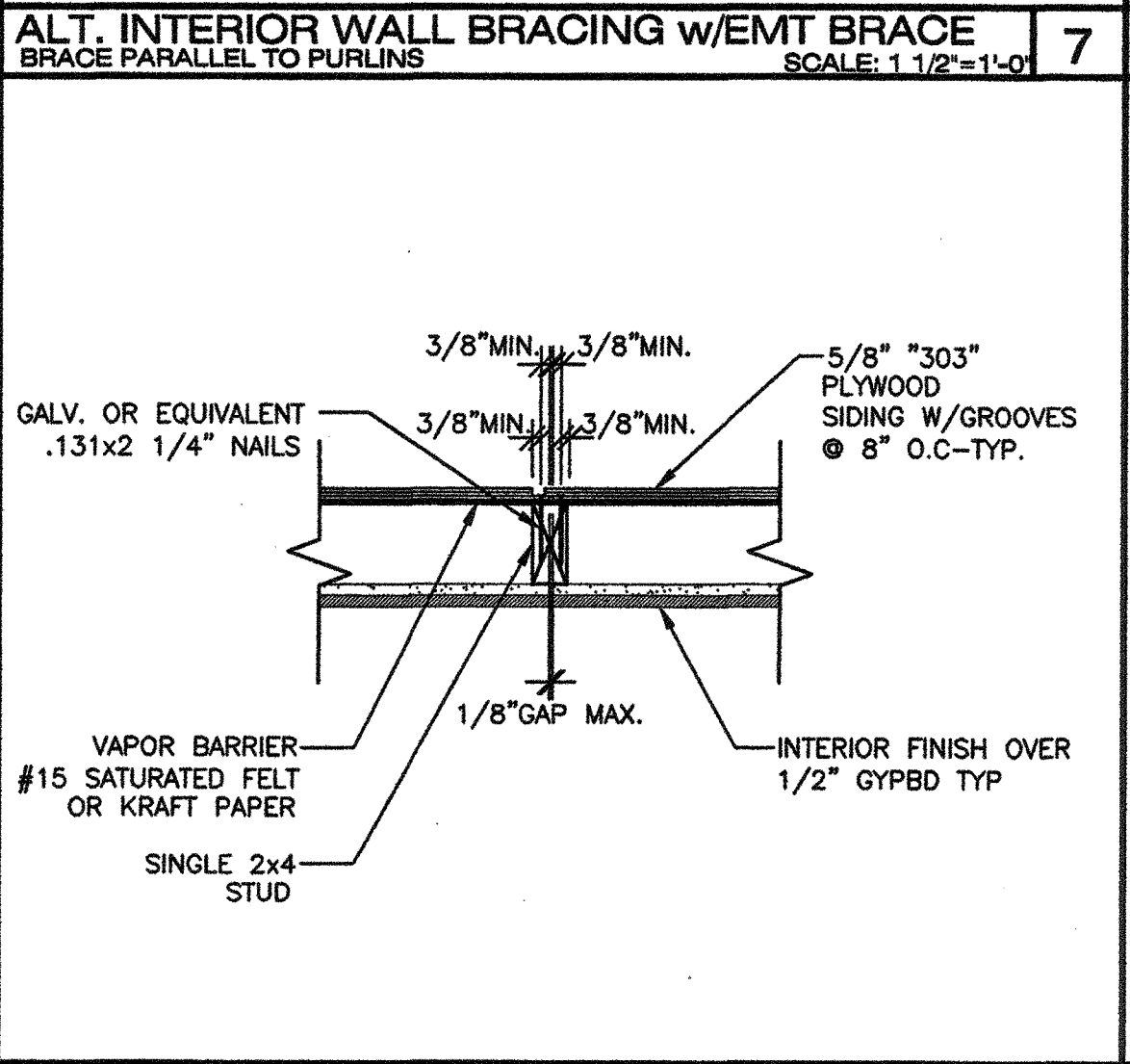
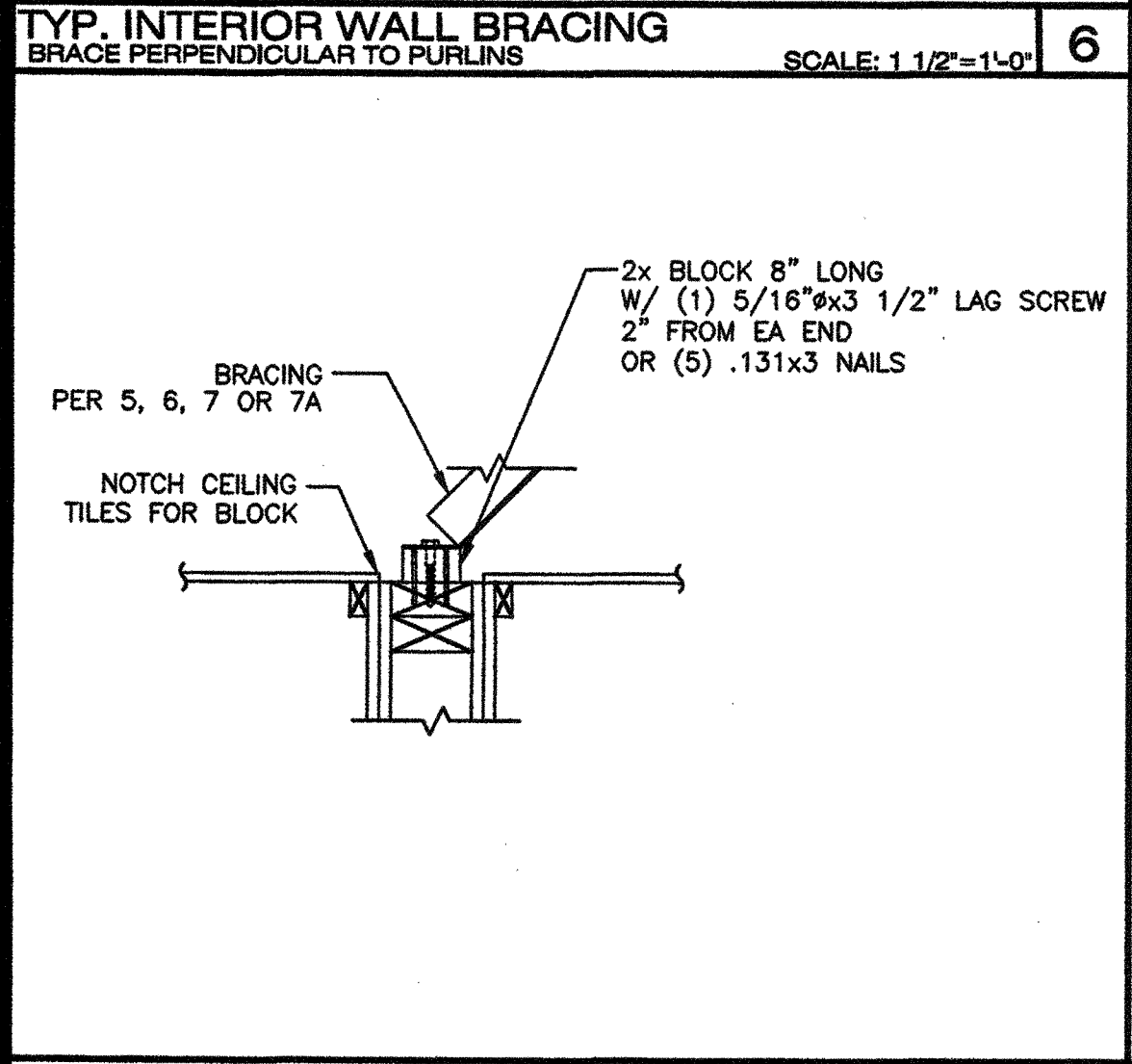
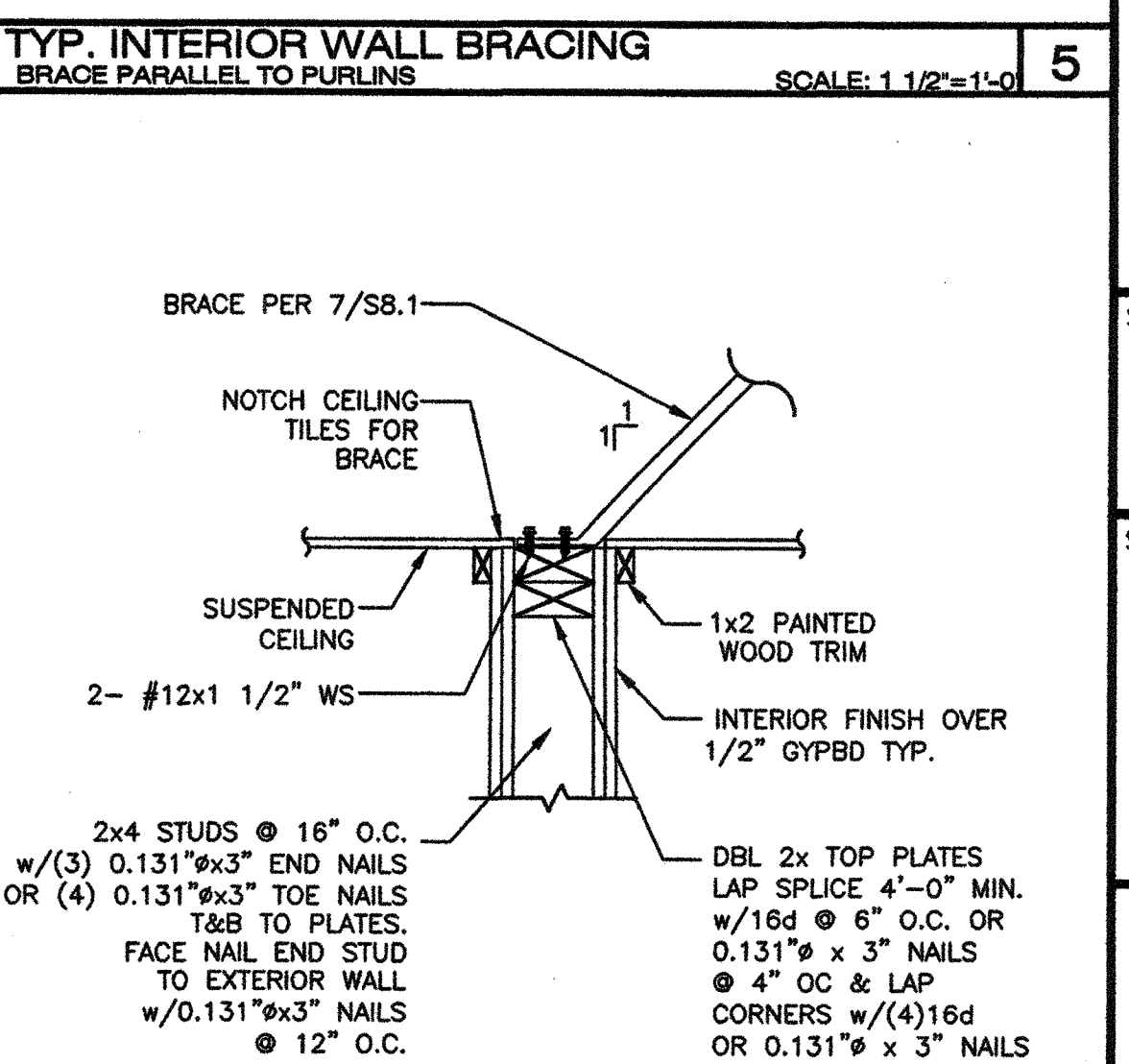
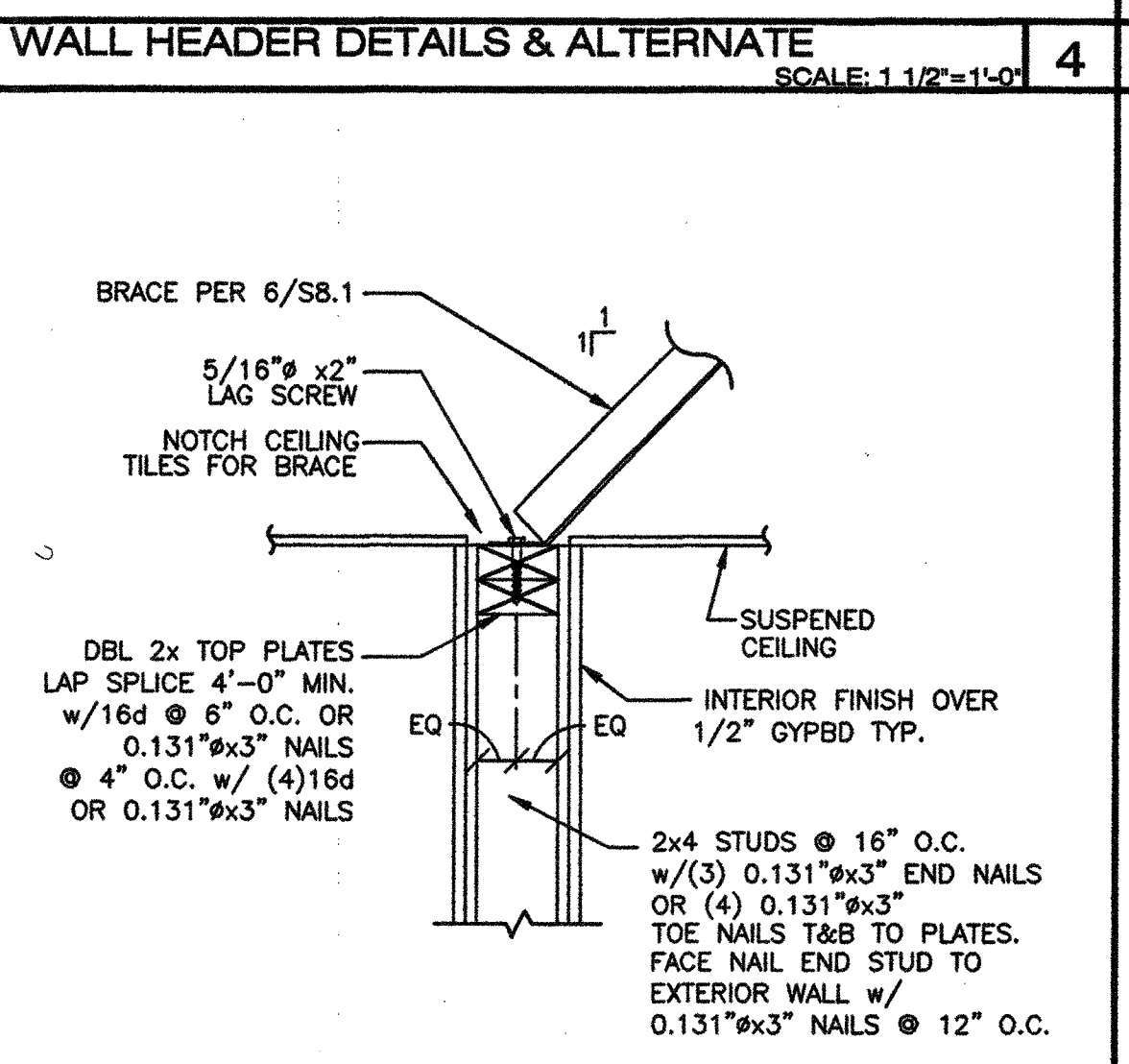
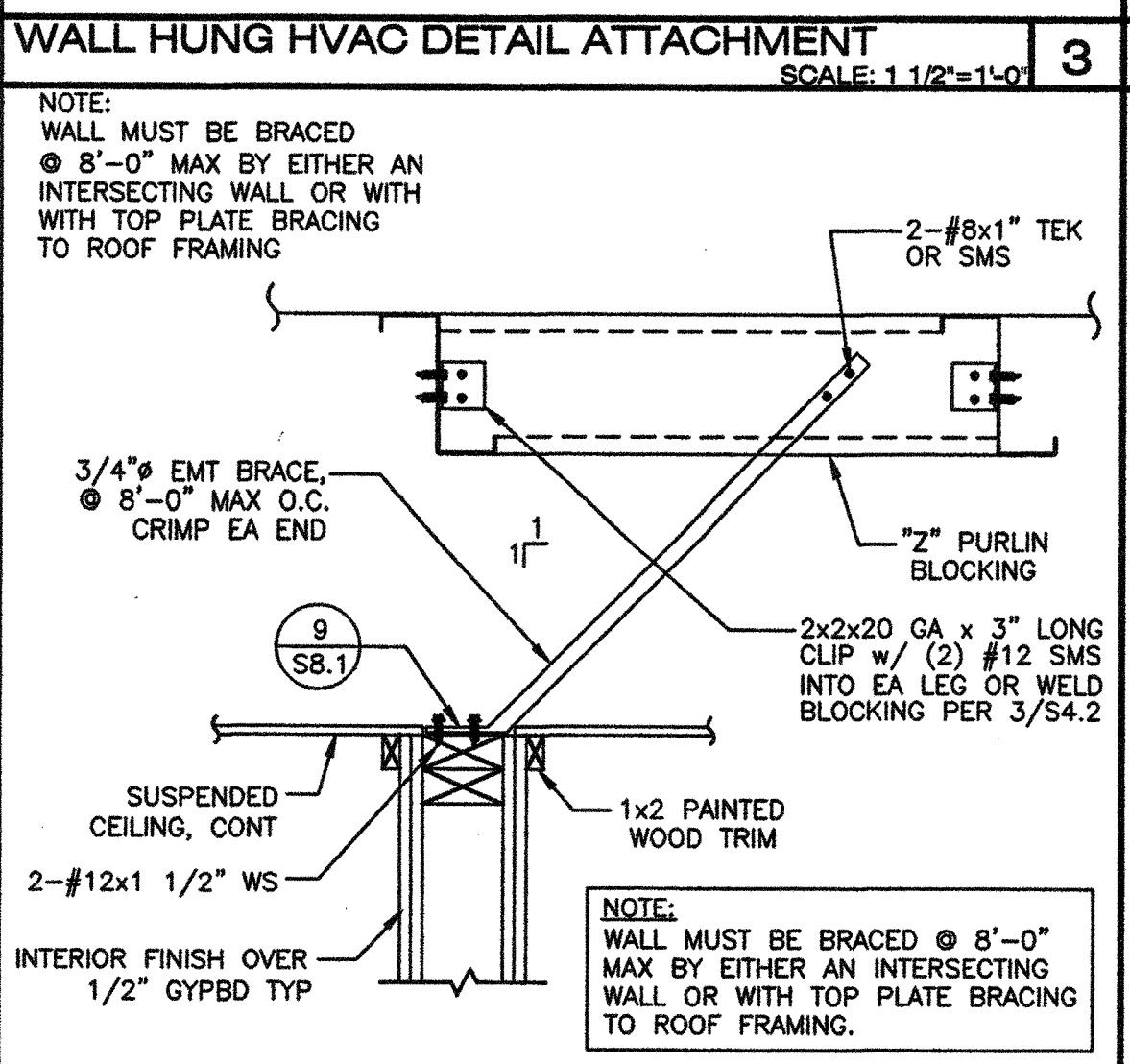
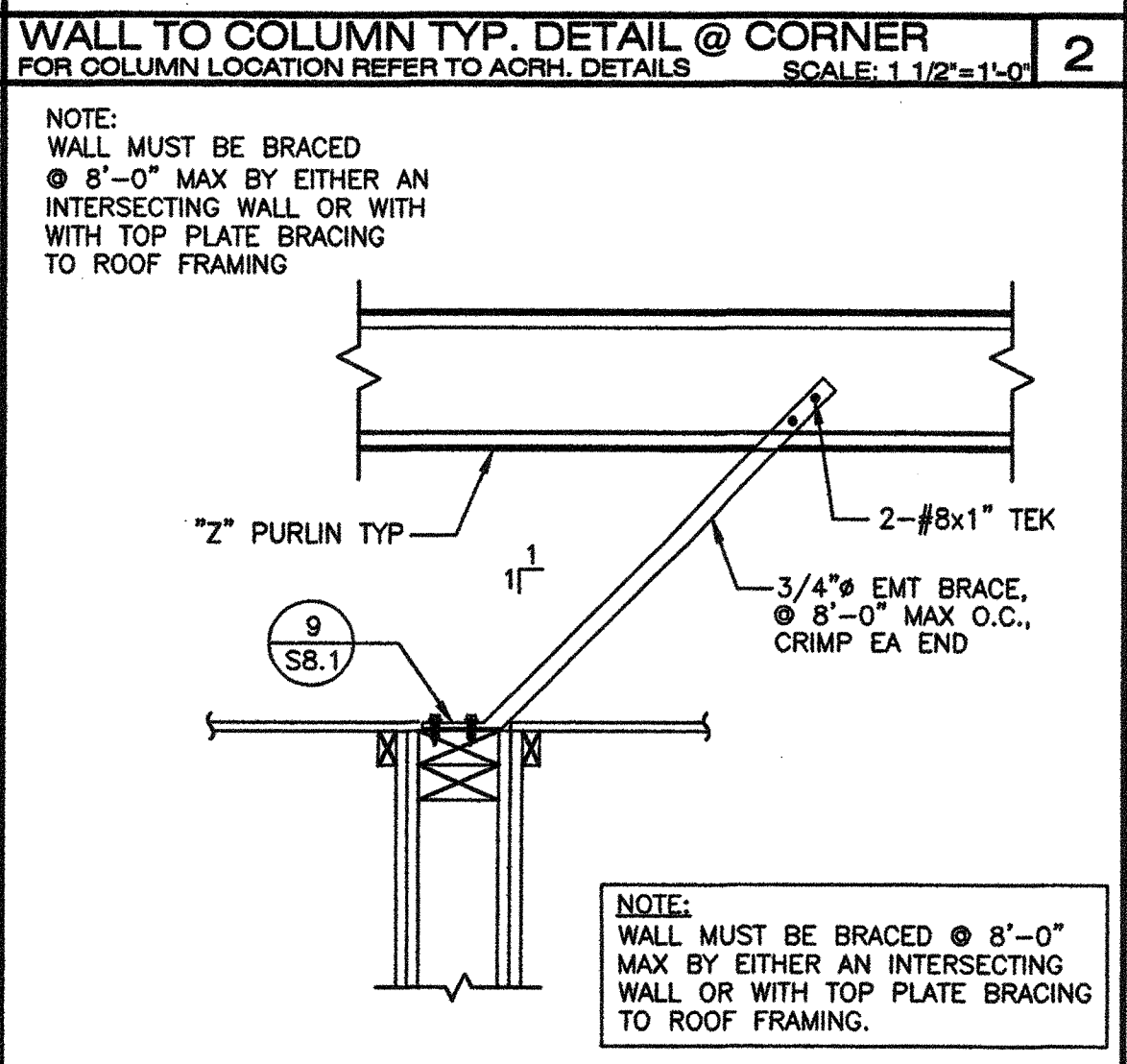
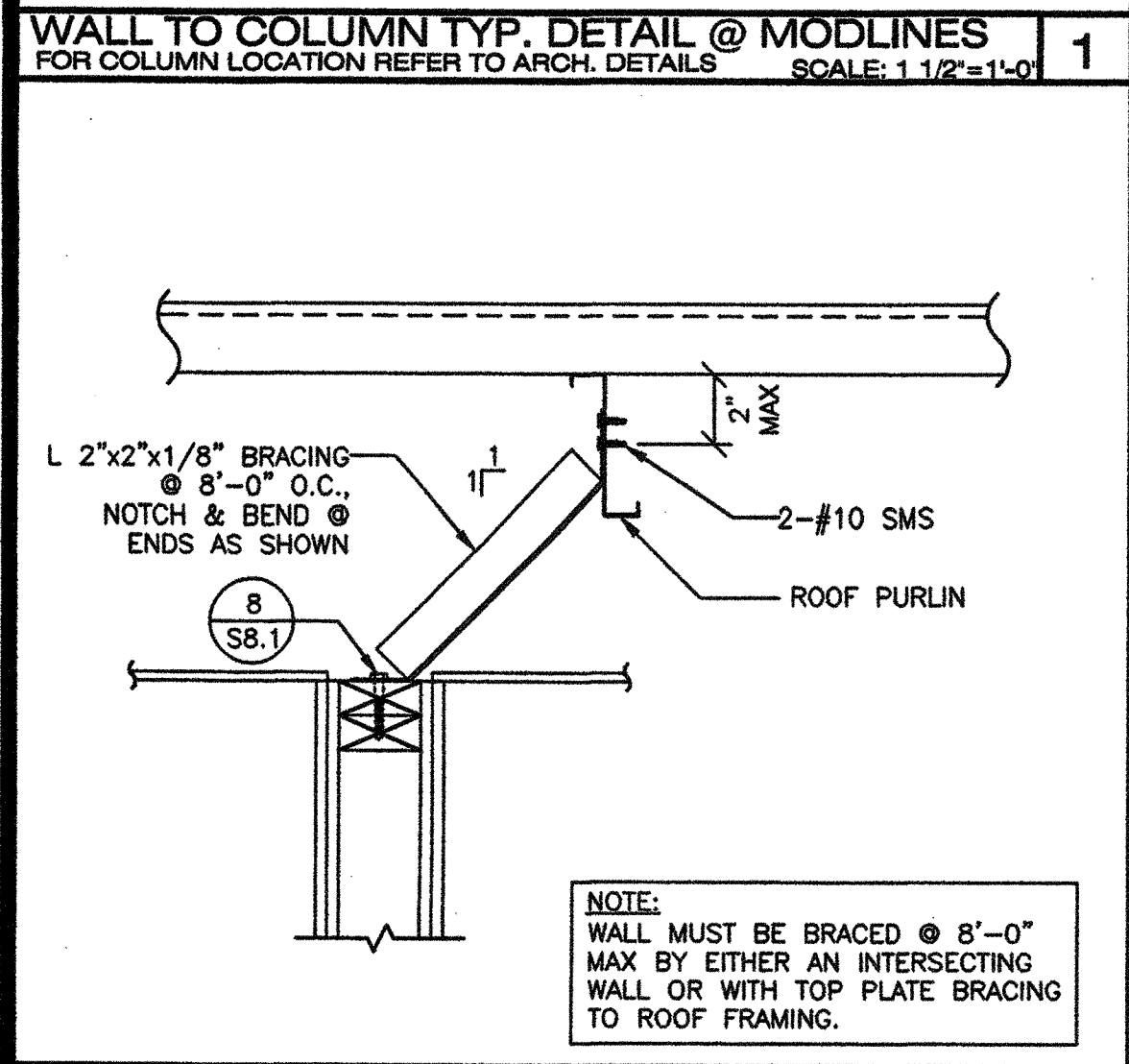
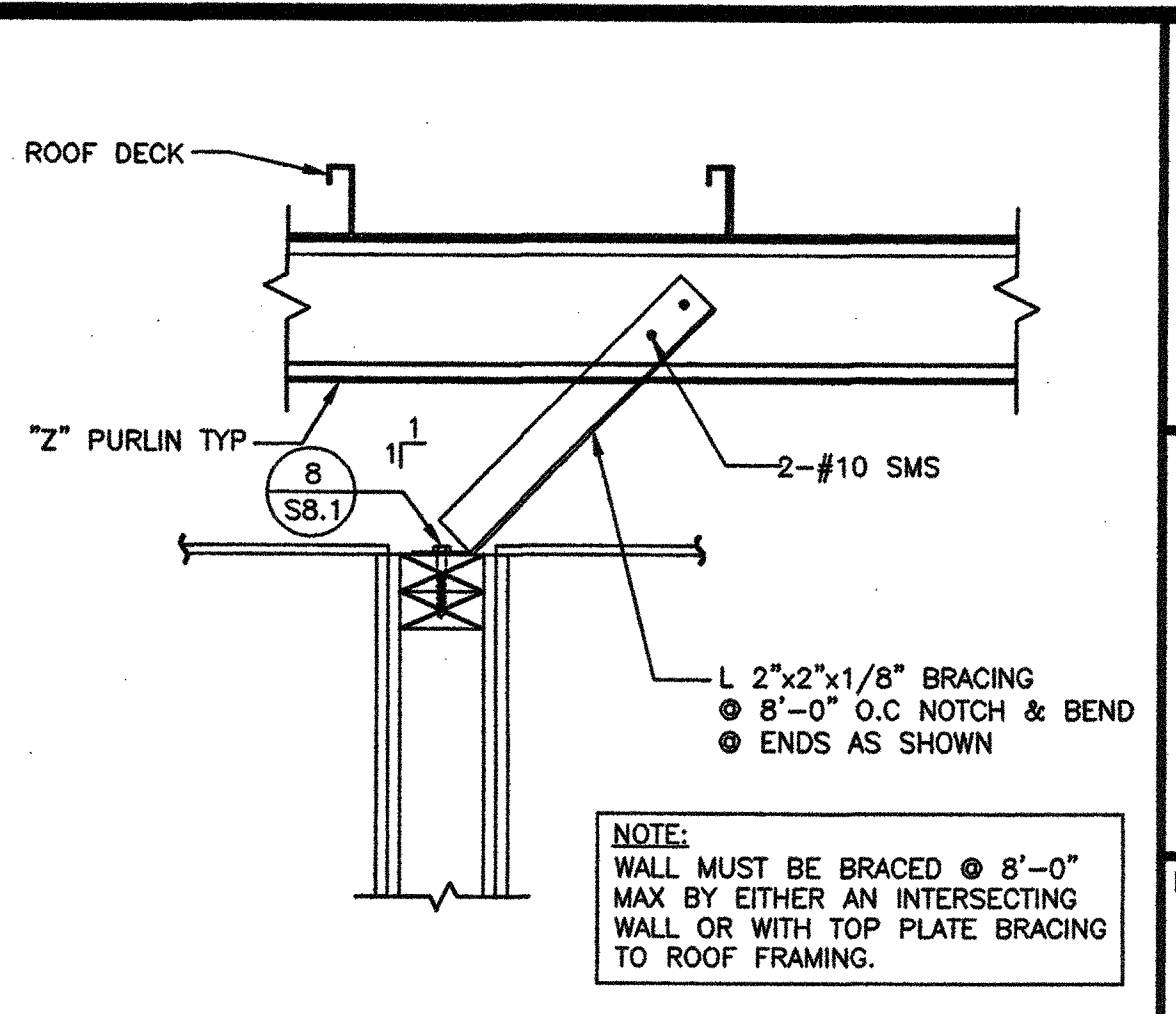
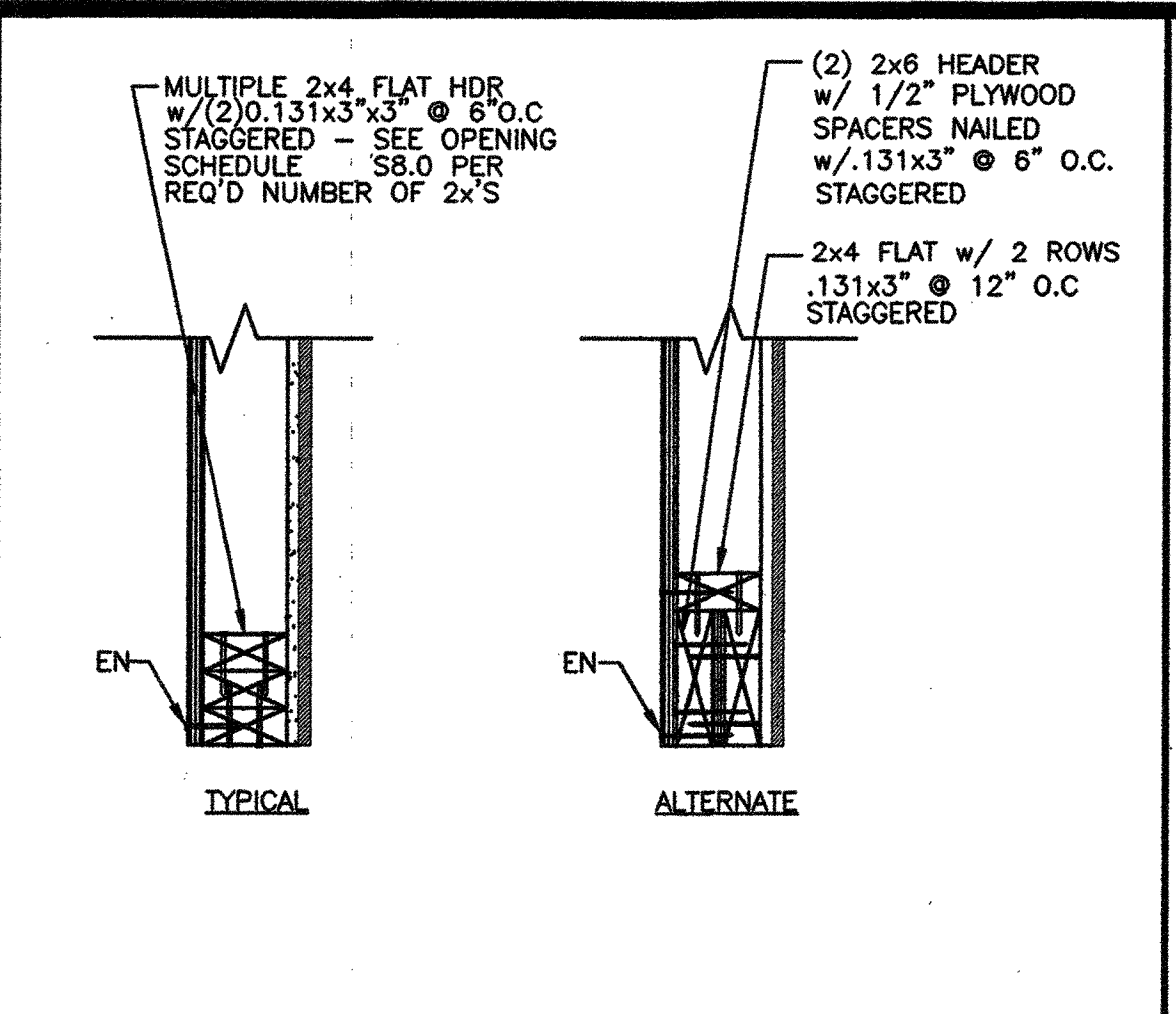
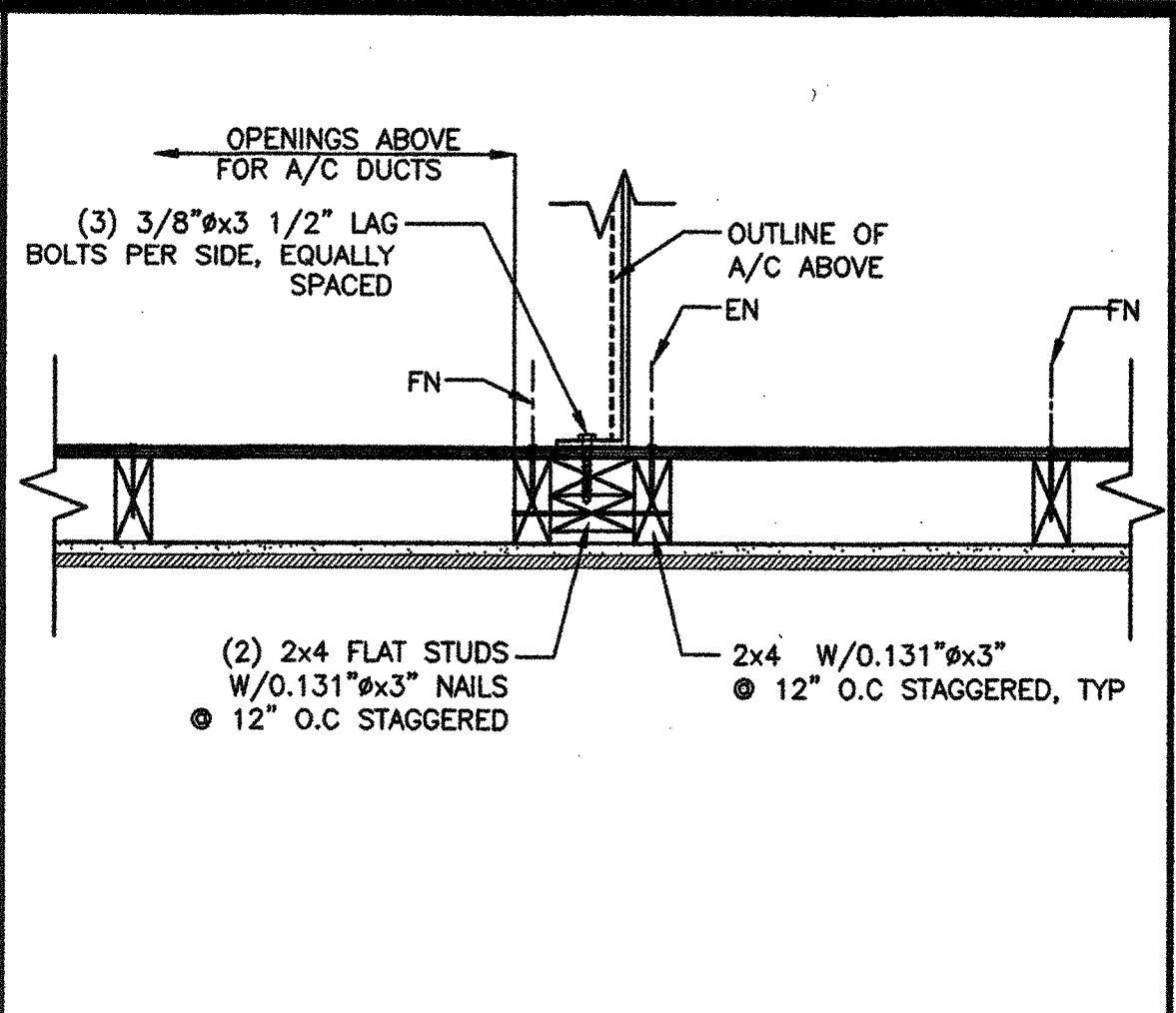
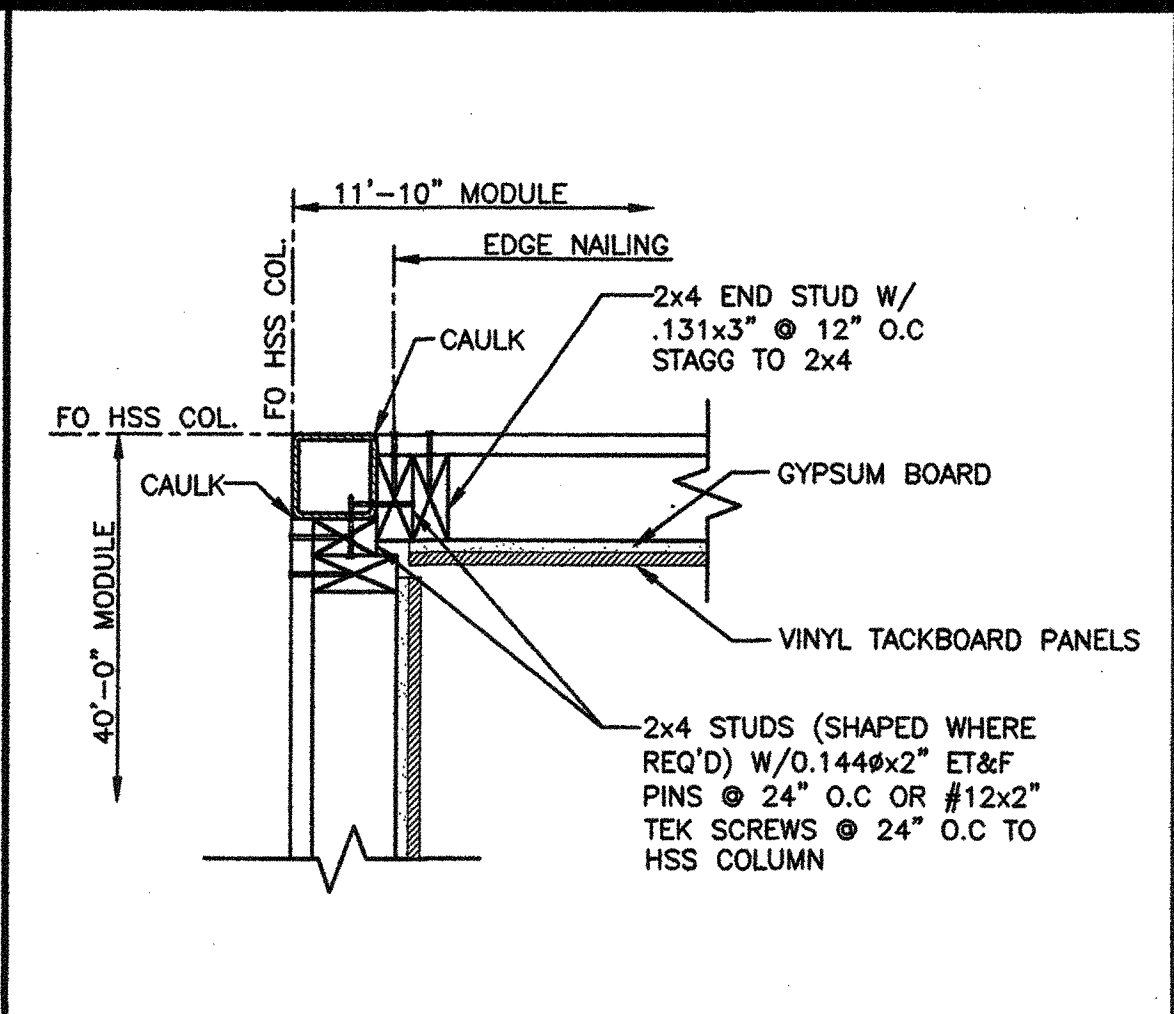
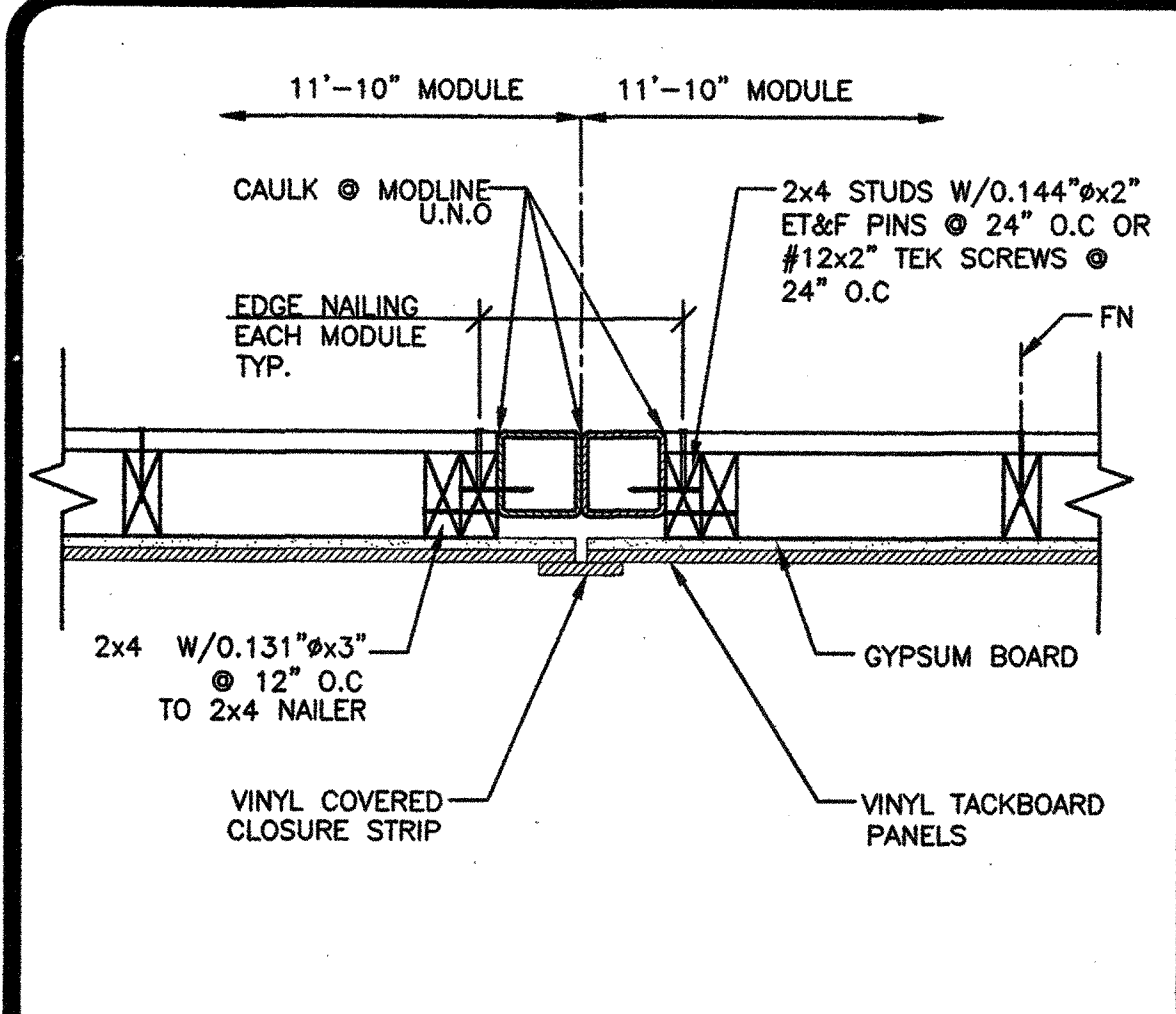
REVISIONS

DRAWN BY: AS NOTED

SCALE: AS NOTED

DATE: SHEET NUMBER

S8.1



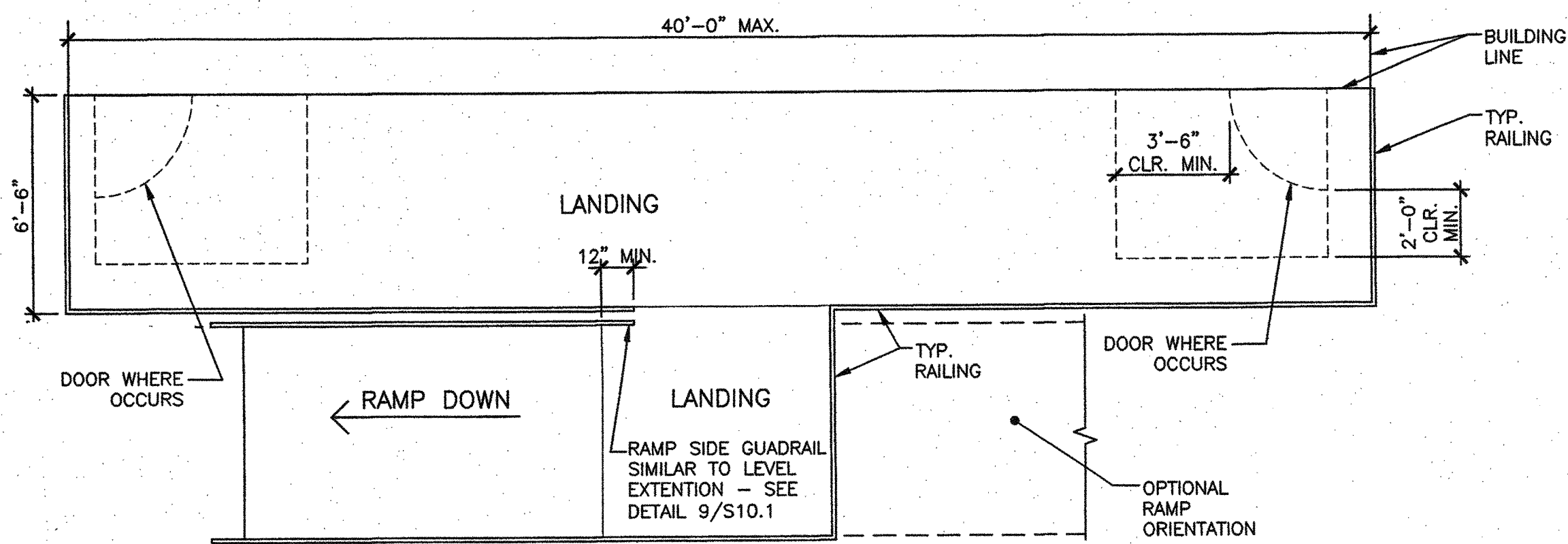
EXTERIOR WALL TO FLOOR TYP. DETAIL SCALE: 1 1/2"=1'-0" 14

TYP. INTERIOR NON-BEARING WALL BASE ATTACHMENT SCALE: 1 1/2"=1'-0" 15

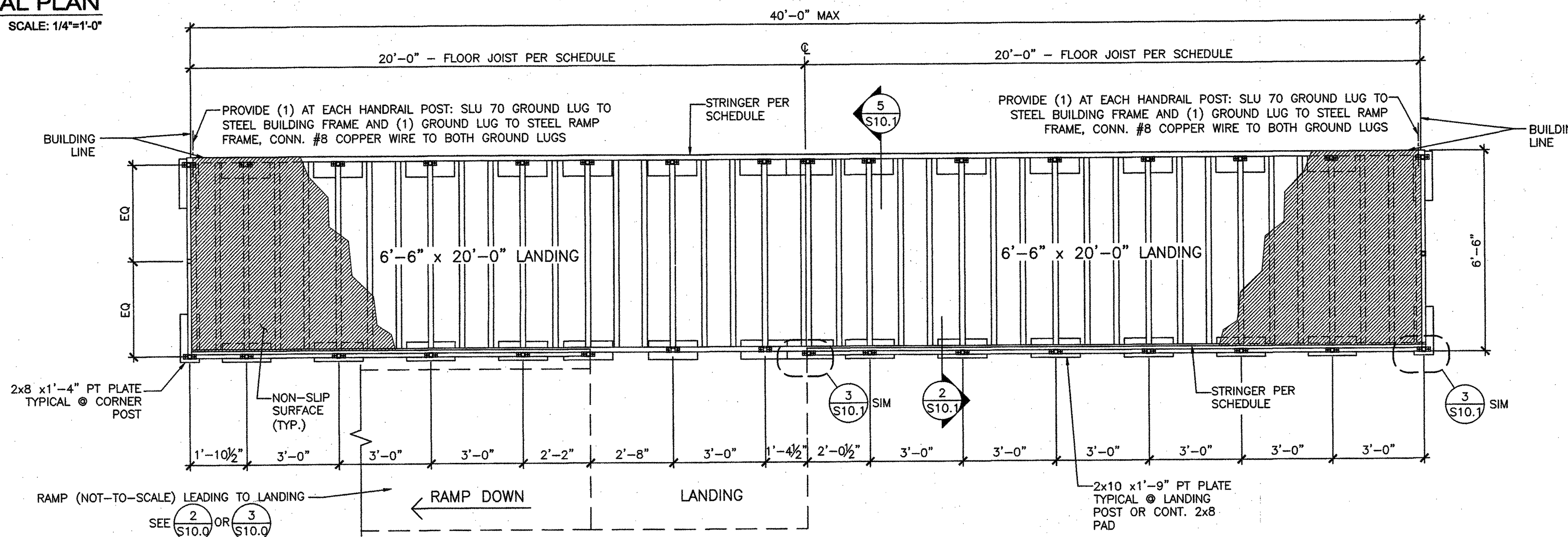
TYP. INTERIOR NON-BEARING WALL BASE ATTACHMENT SCALE: 1 1/2"=1'-0" 16

NOT USED 17

NOT USED 18

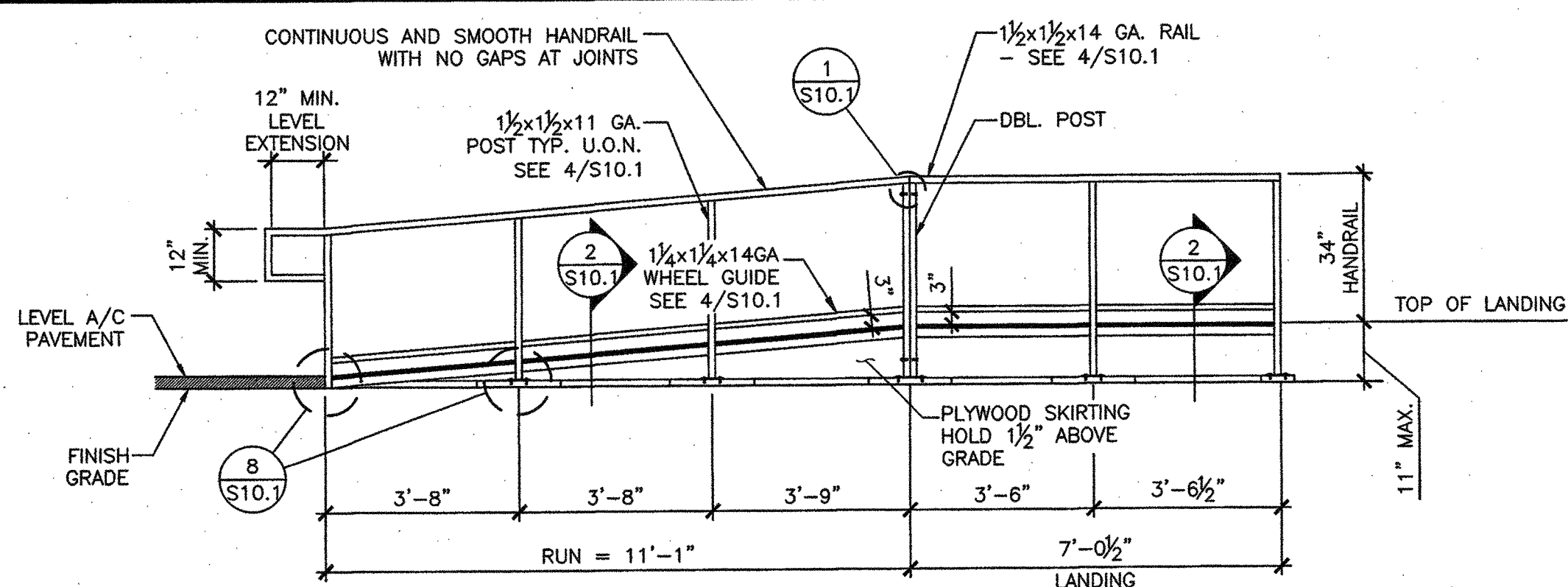


TYPICAL ARCHITECTURAL PLAN
SCALE: 1/4"=1'-0"



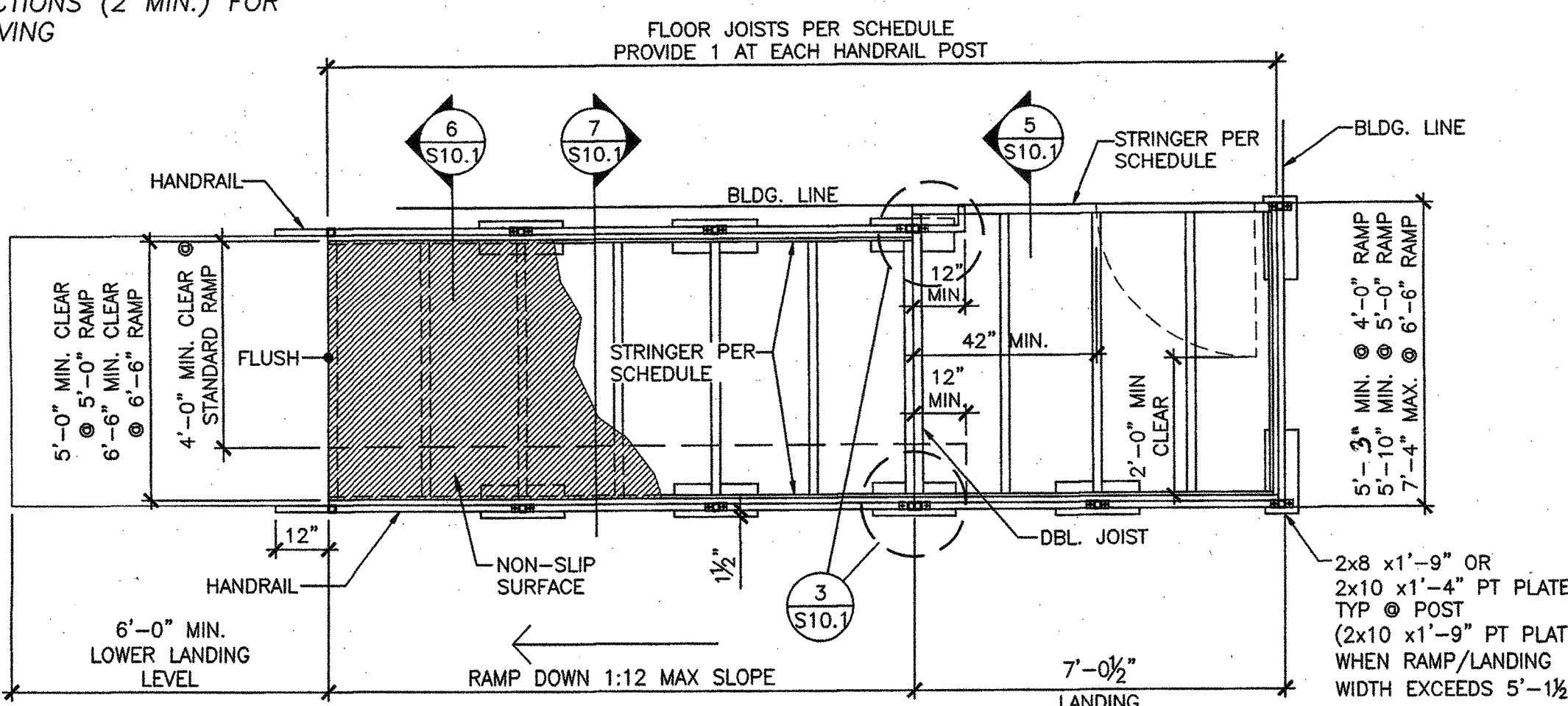
LANDING OPTION

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



NOTE: RAMP & LANDING TO BE FABRICATED IN SECTIONS (2 MIN.) FOR MOVING

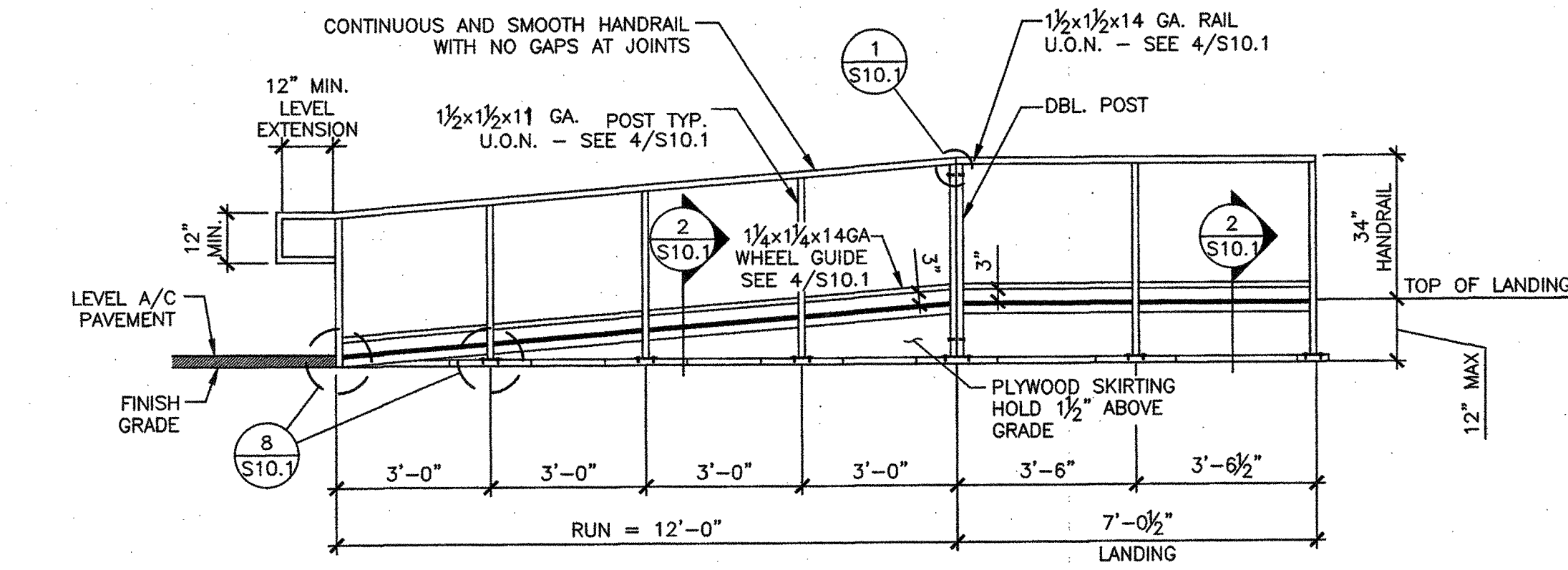
RAMP ELEVATION



NOTE: FOR RAMP & LANDING MINIMUM REQUIREMENTS, SEE DETAIL 2/A1.0

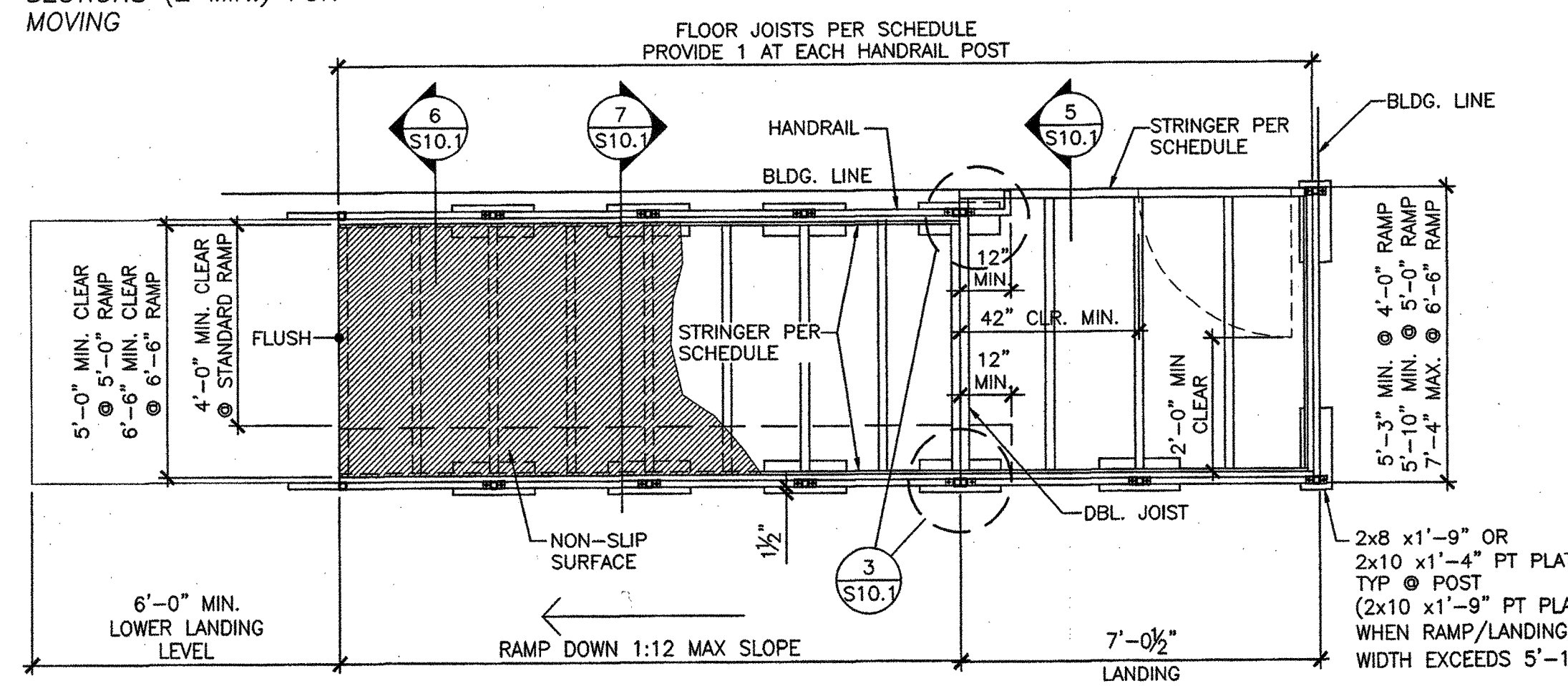
11-FOOT TYPICAL RAMP

SCALE: 3/8"=1'-0" 2



NOTE: RAMP & LANDING TO BE FABRICATED IN SECTIONS (2 MIN.) FOR MOVING

RAMP ELEVATION



NOTE: FOR RAMP & LANDING MINIMUM REQUIREMENTS, SEE DETAIL 2/A1.0

12-FOOT TYPICAL RAMP

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

1. ENTRY RAMP AND LANDING SPECIFICATIONS

EACH BUILDING SHALL HAVE A RAMP AND LANDING TO CONFORM TO TITLE 24 C.C.R. SECTIONS 11B-405, 1010 AND 1012. THE RAMP AND LANDING STRUCTURES INCLUDING HANDRAILS AND WHEEL GUIDE RAILS ARE TO BE PREFABRICATED METAL IN SECTIONS THAT ARE DEMOUNTABLE FOR MOVING AND REINSTALLATION AT A NEW SITE. HANDRAILS AND WHEEL GUIDE RAILS SHALL BE CONTINUOUS AND SMOOTH WITH NO GAPS AT JOINTS. DESIGN SHALL BE SUCH THAT HEIGHT ADJUSTMENT CAN BE MADE AT THE INSTALLATION SITE. THE RAMP AND LANDING SURFACE SHALL BE 3/4" MARINE GRADE PLYWOOD OR 11GA SHEET METAL. RAMP AND LANDING SHALL HAVE A NON-SLIP SURFACE FINISH APPLIED. NON-SLIP FINISH SHALL BE AMCOE GRIP II MANUFACTURED BY AMERICAN ABRASIVE METALS OR COMPARABLE. ALL RAMP SURFACES SHALL BE PAINTED AS INDICATED IN SECTION 9B ON SHEET N10. RAMP SURFACES SHALL HAVE HANDRAILS ON BOTH SIDES. WALL MOUNTED HANDRAILS SHALL BE OF SIMILAR CONSTRUCTION TO THE INTEGRAL RAMP HANDRAIL. RAMP AND LANDING SHALL BE FULLY SKIRTED WITH THE SAME MATERIAL USED FOR BUILDING SKIRT. SIDES OF RAMP AND LANDING THAT DO NOT ADJOIN BUILDING WALL SHALL BE SKIRTED. ALL EDGES OF THE PLYWOOD SKIRT SHALL BE SUPPORTED AND PROTECTED FROM WEATHER. FOUNDATION MEMBERS SHALL BE AS FOR BUILDING FOUNDATION. ONLY THE FOUNDATION PAD RESTING ON GRADE MAY EXTEND BEYOND THE OUTSIDE FACE OF THE SKIRT 1" MAXIMUM.

2. FLOOR DECKING

3/4" MARINE EXTERIOR A.P.A. 48/24 PLYWOOD W/ NON-SLIP SURFACE. DECK SURFACES SHALL BE SEALED ON ALL SIDES. FASTENED TO STEEL FRAMING WITH #10 SELF DRILLING BUGLE HEAD GALV. SCREWS OR 0.144"x1 1/2" MIN. GALV SHOT PINS @ 6" O.C. EDGES AND 12" O.C. FIELD, TYP.

3. ALT. FLOOR DECKING

11 GA. SHEET METAL WITH NON-SLIP SURFACE (0.8 MIN COEFFICIENT OF FRICTION) ATTACHED TO STEEL FRAMING WITH #12x1" STS @ 6" O.C. E.N. & 12" O.C. F.N. MATERIAL STRENGTH SHALL BE 36 KSI MIN. W/ A MODULUS OF ELASTICITY OF 29,500 KSI ± 3%. ACCEPTABLE STEEL MATERIALS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

- ASTM A1011 SS GRADE 36 (Fy=36 KSI)
- ASTM A653 SS GRADE 37 (Fy=37 KSI)
- ASTM A1008 SS GRADE 40 (Fy=40 KSI)

4. GROUNDING OF BUILDING COMPONENT

CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING NECESSARY CONNECTORS TO GROUND THE METAL PORTIONS OF THE BUILDING (I.E. FRAME, RAMP, ETC.) GROUNDING ROD, WIRES AND TESTING SHALL BE PROVIDED BY OTHER AND MEET THE REQUIREMENTS OF I.R. E-1 ISSUED BY D.S.A.

5. RAMP SLOPE

RAMPS SHALL NOT SLOPE MORE THAN 1" RISE OVER A 12" RUN (1:12). CROSS SLOPE SHALL NOT EXCEED 1:48.

6. HANDRAILS

HANDRAILS SHALL BE INSTALLED ON BOTH SIDES OF RAMP AT 34" HIGH MAX.

7. RAMP PLANNING

DUE TO VARYING SITE CONDITIONS, THE MAXIMUM HEIGHT OF FINISH FLOOR FROM GRADE IS 24". THEREFORE IT IS POSSIBLE THAT THE ACCESS RAMP ATTACHED TO THE BUILDING COULD BE 24'-0" LONG AT A SLOPE OF 1:12. ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY AMS, INC. IS 12'-0" LONG AT A SLOPE OF 1:12. THEREFORE THE ARCHITECT WILL HAVE TO DESIGN AND PROVIDE SUFFICIENT DETAILS OF RAMP EXTENSIONS AND BOTTOM LANDING DEPENDING ON PARTICULAR SITE CONDITIONS. IN NO WAY IS AMS, INC. RESPONSIBLE FOR ANY RAMP EXTENSION EXCEEDING THE ORIGINAL PLAN AS SHOWN ON THIS SHEET.

8. LANDINGS

OVERALL LENGTH OF A LANDING MAY VARY FROM 60" UP TO 40'-0". LENGTH MUST CONFORM TO APPROVED LANDING. SLOPE LANDING NOT TO EXCEED 1:48 TO PREVENT WATER PONDING.

9. FASTENERS

ALL EXTERIOR USE FASTENERS SHALL BE GALVANIZED OR STAINLESS STEEL.

GENERAL NOTES

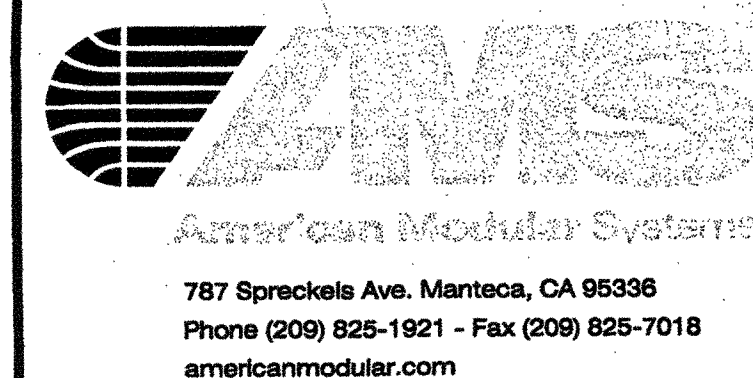
RAMP/LANDING WIDTH	STRINGER SCHEDULE(1)		
	MAX STRINGER SPANS (FT)		
3'-0"	3'-0"	3'-6"	3'-9"
4'-0"	2x2x14GA	2x2x14GA	2x2x14GA
5'-0"	2x2x14GA	2x2x14GA	2x2x14GA
5'-1 1/2"	2x2x14GA	2x2x14GA	2x2x14GA
5'-10"	2x2x14GA	2x2x14GA	2x2x11GA
6'-6"	2x2x14GA	2x2x14GA	2x2x11GA
7'-4"	2x2x14GA	2x2x11GA	2x2x11GA

(1) SEE 4/S10.1 FOR LIGHT GAUGE STEEL TUBE PROPERTIES, SIZES INDICATED ARE MINIMUM. THICKER TUBES MAY BE USED. HSS 2x2x1/8 OR LARGER PER 11/S10.1 MAY BE SUBSTITUTED FOR LIGHT GAUGE TUBES.

RAMP/ LANDING WIDTH	JOIST SCHEDULE(1)				
	MAX JOIST SPACING				
4'-0"	2x2x14GA	2x2x11GA	HSS 2x2x1/8	HSS 2x2x3/16	HSS 2x2x1/4
	PLY 11GA	PLY 11GA	PLY 11GA	PLY 11GA	PLY 11GA
5'-0"	28"	24"	30"	24"	30"
5'-10"	14"	14"	21"	21"	21"
5'-1 1/2"	14"	14"	21"	21"	21"
5'-10"	10"	10"	15"	15"	15"
6'-6"	6"	6"	9"	9"	12"
7'-4"	5"	5"	7"	7"	9"

(1) SEE 4/S10.1 FOR LIGHT GAUGE STEEL TUBE PROPERTIES, AND 11/S10.1 FOR HSS PROPERTIES

RAMP/ LANDING MEMBER SCHEDULE



MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME

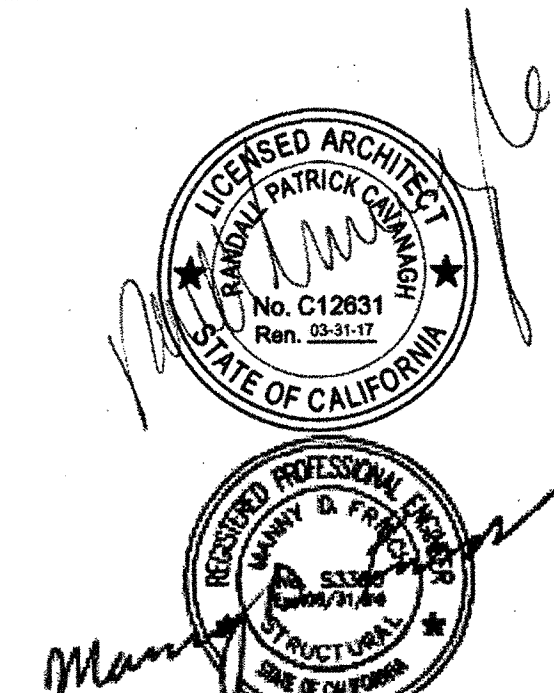
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE

RAMP PLANS & NOTES

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP

DIVISION OF THE STATE ARCHITECT

APPL 01-115705

ACS FLS SSS

DATE: 11/14/15

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP

DIV. OF THE STATE ARCHITECT

CA. DEPT. OF GENERAL SERVICES

PC 02-113876

AG: SSS SSS

DATE: 6/22/15

PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC

A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

S10.0

MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
RAMP DETAILS

MANUFACTURER PROFESSIONAL OF RECORD ON PC

LICENSED ARCHITECT
MICHAEL PATRICK COMBES
No. C12831
Exp. 03-31-27
STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
JAMES D. FARRER
No. 51344
Exp. 03-31-27
STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01-115705
DATE: APR 08 2016

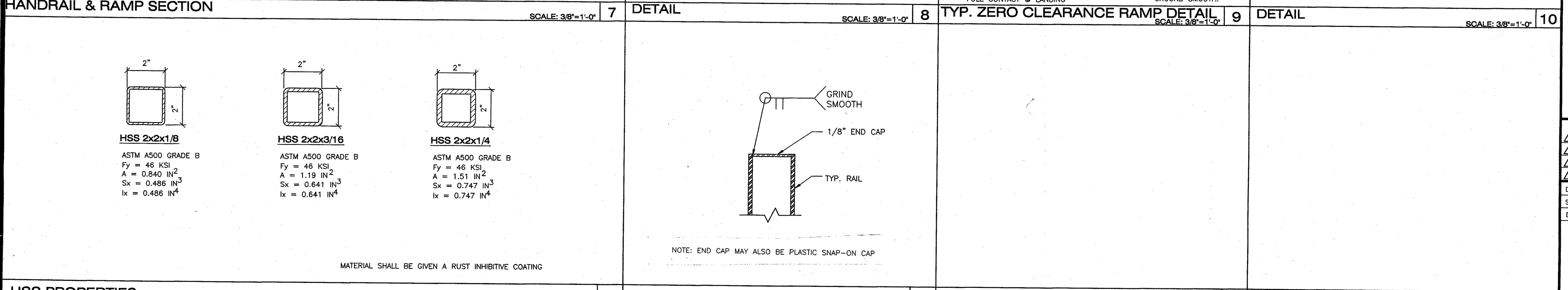
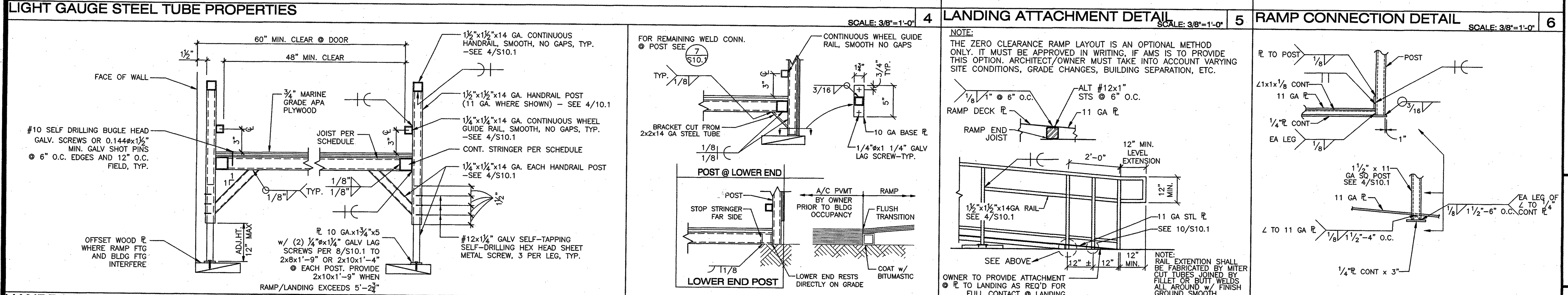
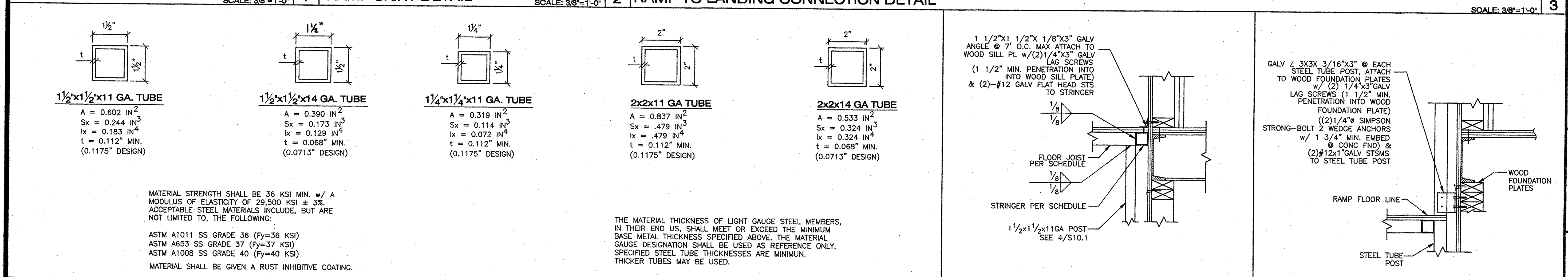
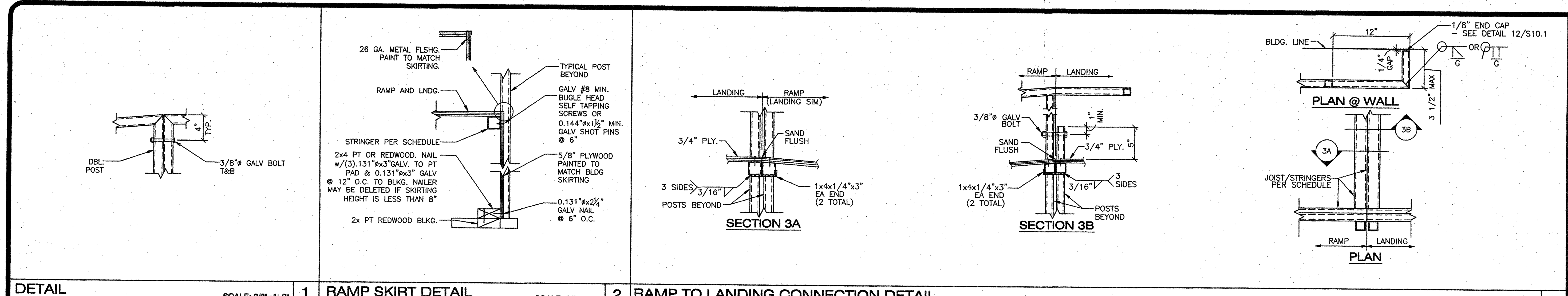
ORIGINAL PC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CA. DEPT. OF GENERAL SERVICES
PC 02-113876
DATE: 6/22/15

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

REVISIONS

DRAWN BY: AS NOTED
SCALE: AS NOTED
DATE: SHEET NUMBER

S10.1



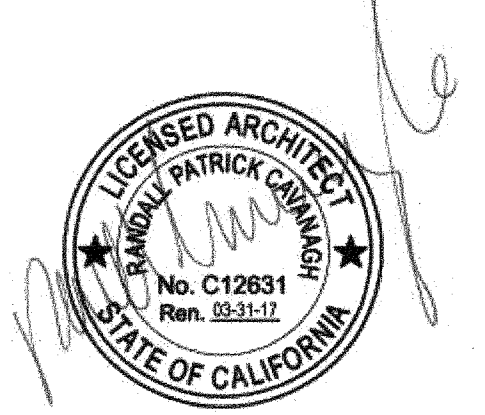
MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' BUILDING

SITE SPECIFIC PROJECT NAME
**SANTA CLARA COUNTY OF EDUCATION
SANTA TERESA ELEMENTARY**

SHEET TITLE
**TYPICAL REFLECTED
CEILING PLAN**

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01-115705
ACS FLS SSS
DATE APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

BASED ON PC# 02-113876
PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS

DRAWN BY: AB
SCALE: AS NOTED
DATE: 10/12/15
SHEET NUMBER

M1.0

- 1 MAIN RUNNER TYP.
- 2 CROSS RUNNER TYP.
- 3 INTERIOR LIGHT FIXTURE REFER TO SHEET SHEET E1.0 FOR SPEC'S
- 4 CEILING HEIGHT @ 8'-6" NOMINAL
- 5 SPLAY WIRE SEE 3/M1.4 FOR DETAILS
- 6 FIXED CEILING END
- 7 FREE CEILING END
- 8 CENTER SECTION THAT CROSSES MODULE LINE TO BE FIELD INSTALLED
- 9 HVAC
- 10 THERMOSTAT
- 11 CONCEALED SUPPLY AIR DUCT ABOVE T-BAR CEILING
- 12 TYPICAL 4-WAY SUPPLY AIR REGISTER LOCATION AND SIZE MAY VARY PER CEILING LAYOUT AND BUILDING SIZE
- 13 FLEX DUCT - NOMINAL 10" MIN. (MAY VARY)
- 14 RETURN AIR AS PART OF UNIT

KEY NOTES

- WHERE TWO OR MORE HVAC UNITS SERVE A COMMON SPACE, UNITS SHALL BE EQUIPPED WITH A DUCT SMOKE DETECTOR FOR AUTO SHUTDOWN. INTERCONNECT WITH FIRE ALARM SYSTEM
- AUTOMATIC SHUT-OFF IS NOT REQUIRED WHEN ALL OCCUPIED ROOMS SERVED BY THE AIR HANDLING EQUIPMENT HAVE DIRECT ACCESS TO THE EXTERIOR AND THE TRAVEL DISTANCE DOES NOT EXCEEDS 100 FT. PER CMC 609 EXEPTION #2
- LIGHTING FIXTURE MAY BE INSTALLED ROTATED 90° FROM SHOWN TO MATCH T-GRID.

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2013 CBC, SECTIONS 161A.1.18 THROUGH 161A.1.26 AND ASCE 7-10 CHAPTER 13, 26, AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
- MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT THE ATTACHMENT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND THAT HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- 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.

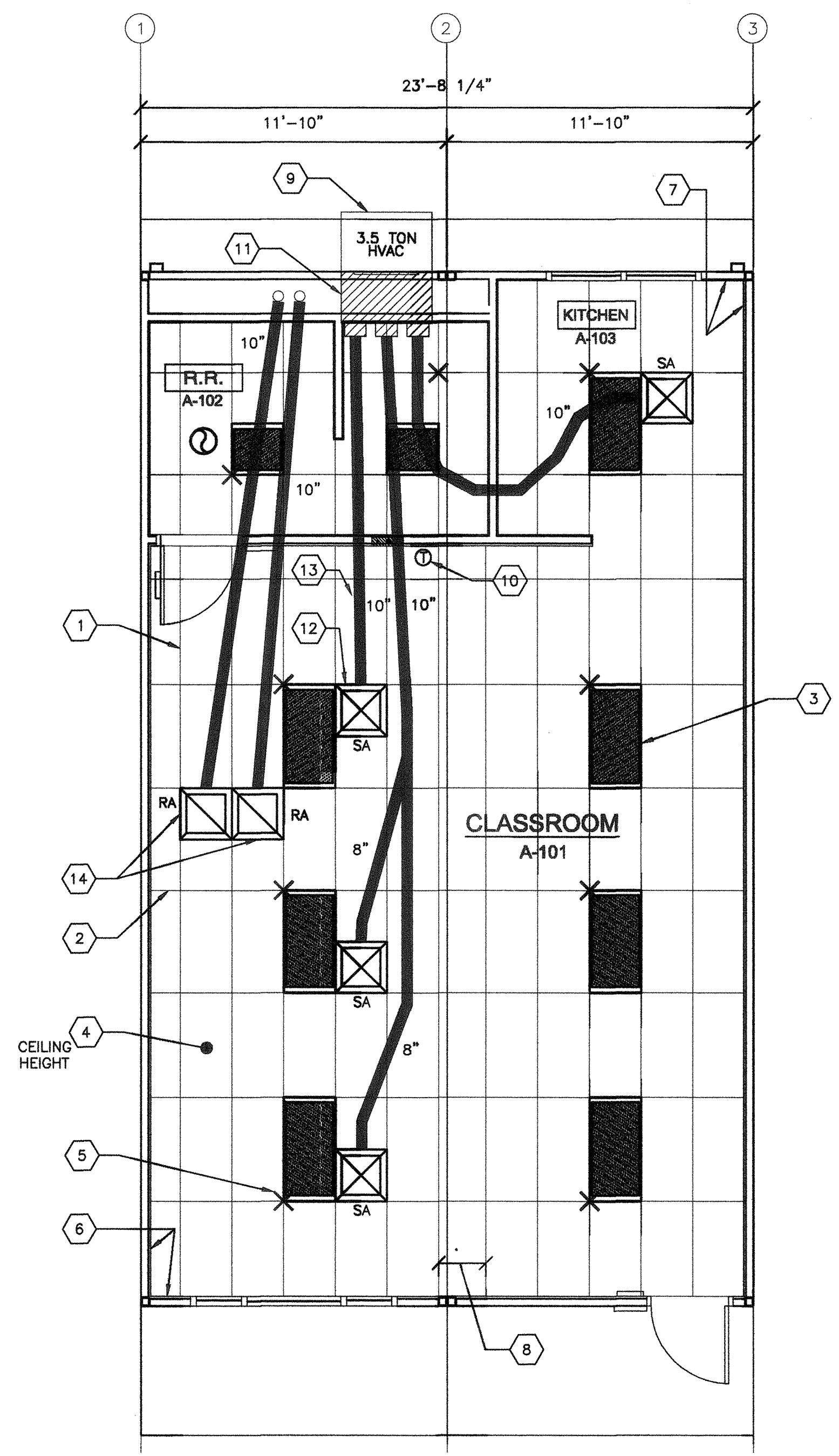
FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 13.6.8, 13.6.7, 13.6.5.6, AND 2013 CBC, SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25 AND 1616A.1.26.

THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHPD PRE-APPROVALS (OPM#).

COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOB SITE PRIOR TO THE START OF HANGING AND BRACING OF THE PIPE, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS.



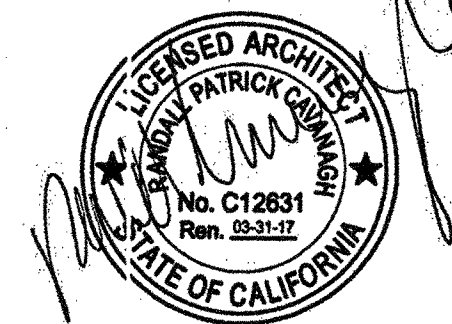
MODULAR MANUFACTURER PROPRIETARY STATEMENT
 THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SELF NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
MECHANICAL BUILDING SECTIONS & CEILING DETAILS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APPL 01-115705
 ACS FLS SGS
 DATE APR 08 2016

ORIGINAL IPC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 CA. DEPT. OF GENERAL SERVICES
 PC 02-113876
 AC FLS SGS
 DATE 6/22/15

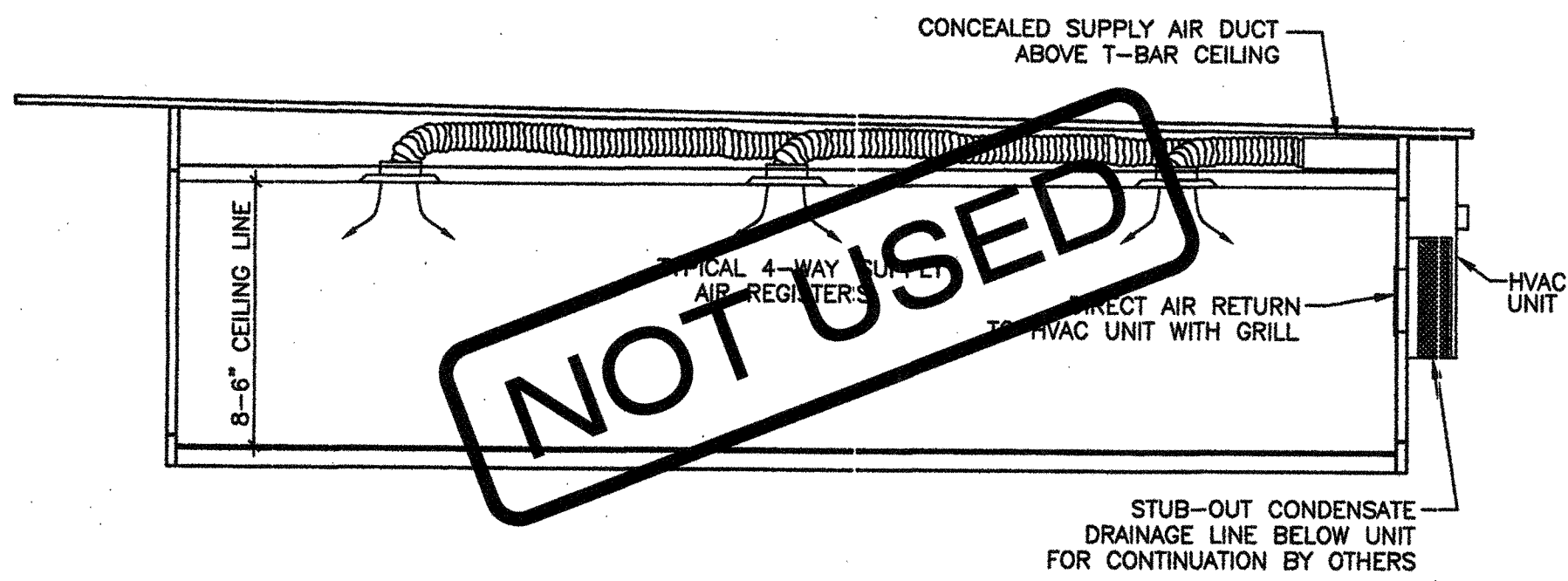
PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS

DRAWN BY:
 SCALE: AS NOTED
 DATE:

SHEET NUMBER

M1.4



NOT USED

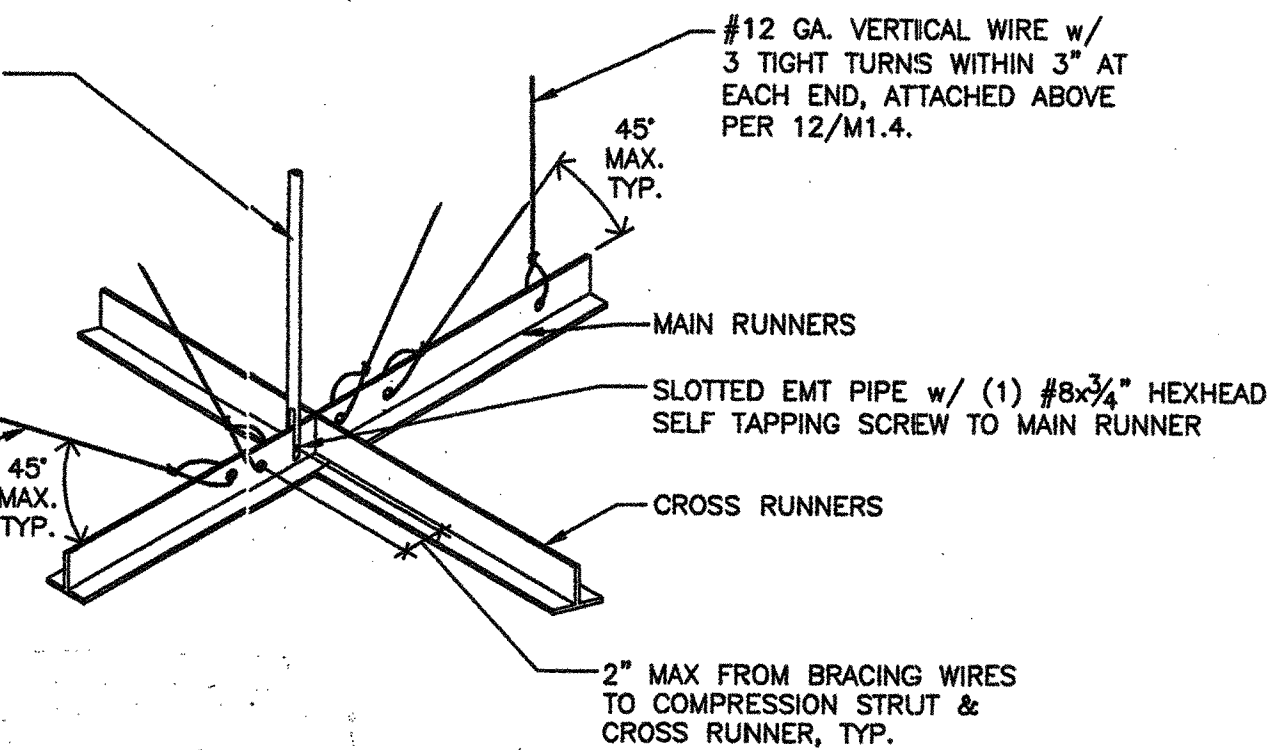
TYPICAL MECHANICAL DETAIL SECTION

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

#12 GA. VERT. HANGER W/ (3) TIGHT TURNS WITHIN 1/2" EACH END (TYP.) & 1/2" EMT PIPE STRUT @ 12" O.C. MAX. EA. WAY. FASTEN TOP OF PIPE STRUT W/ 2-#8x1" SHEET METAL SCREWS TO PURLIN INDICATED ON PLAN AS:

NOTE: HANGER FOR THE COMPRESSION STRUT SHALL NOT REPLACE THE VERTICAL HANGER

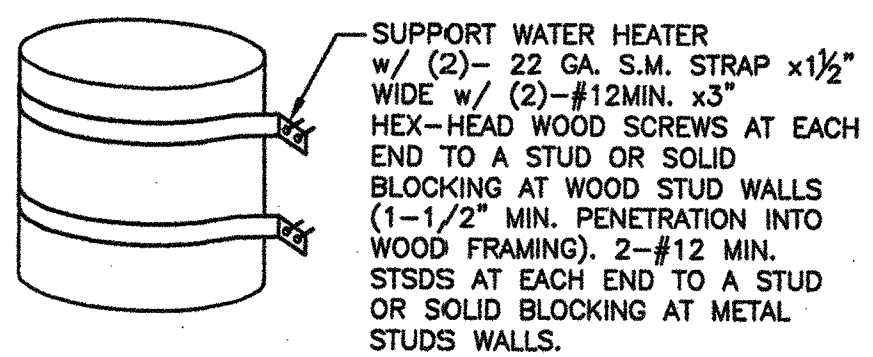
#12 GA. SPLAY BRACE WIRE W/ 4 TIGHT TURNS WITHIN 1/2" AT EACH END, TO MAIN TEE PER 12/M1.4.



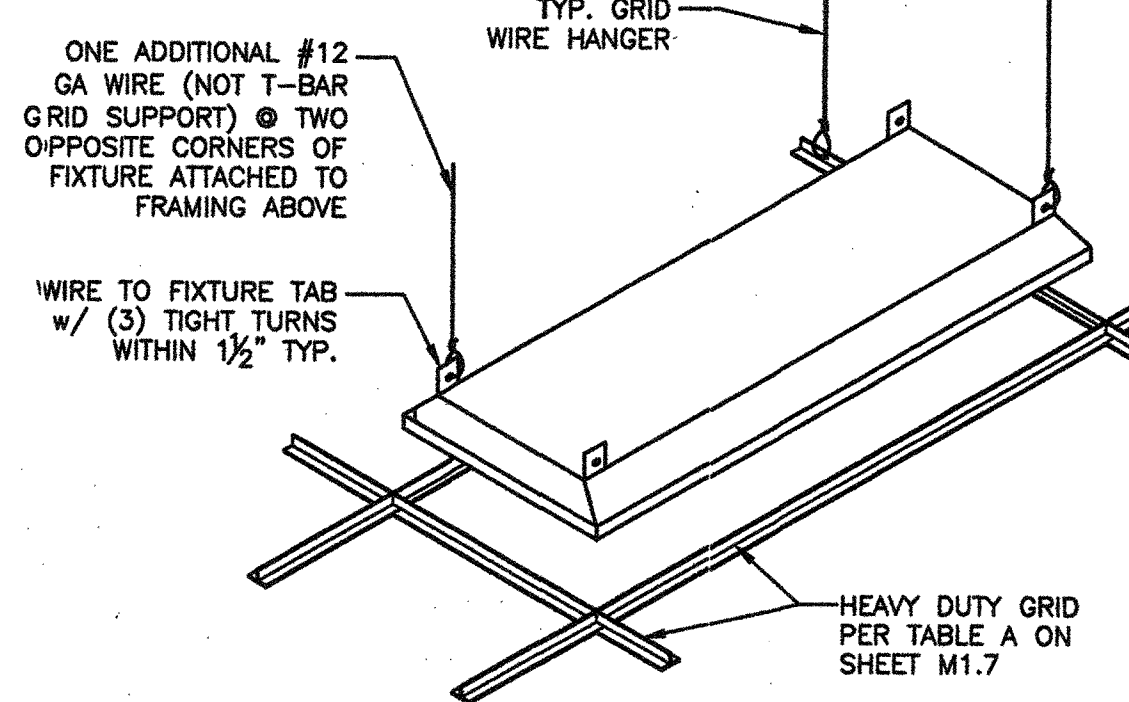
SPLAY WIRE DETAIL

SCALE: N.T.S.

MAX WATER HEATER WEIGHT = 400 LBS



NOTE: PRESSURE RELIEF VALVE SHALL BE PLUMBED TO OUTSIDE/EXTERIOR OF BUILDING.



PROVIDE (1) #8x3/4" SMS @ 2 MIN. CORNERS

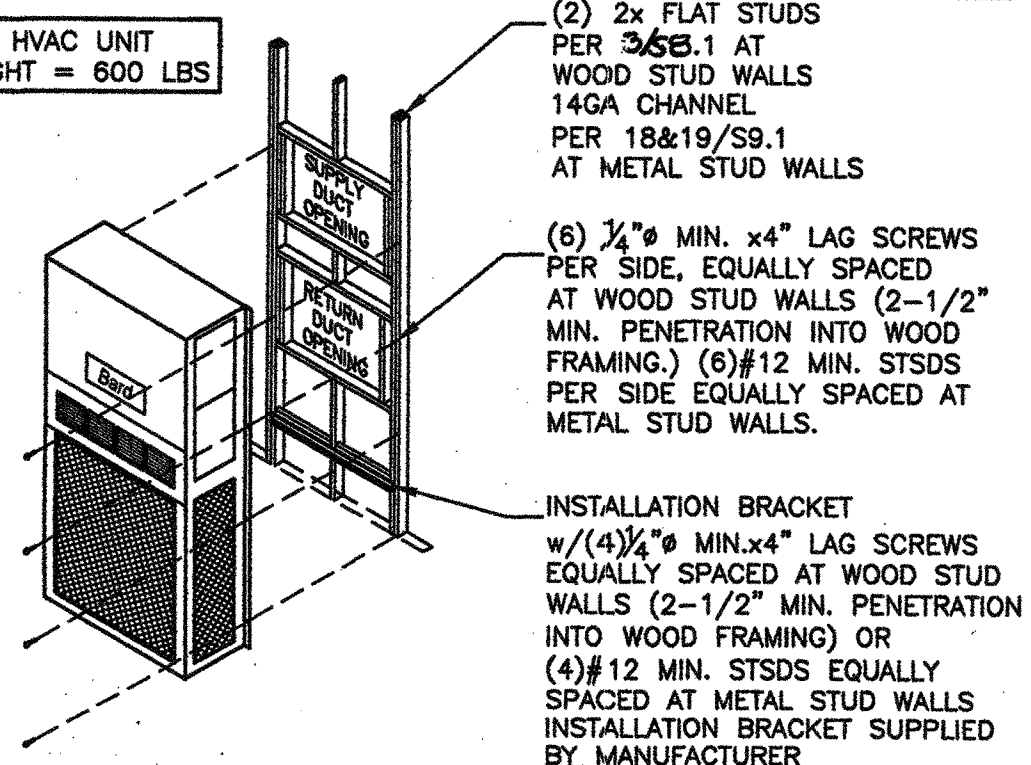
FLOOR MOUNTED WATER HEATER SUPPORT DETAIL

SCALE: N.T.S.

LIGHT FIXTURE ATTACHMENT DETAIL

SCALE: N.T.S.

MAX HVAC UNIT WEIGHT = 600 LBS



INSTALLATION BRACKET W/ (4) 1/4" MIN. x 4" LAG SCREWS EQUALLY SPACED AT WOOD STUD WALLS (2-1/2" MIN. PENETRATION INTO WOOD FRAMING) OR (4) #12 MIN. STDS EQUALLY SPACED AT METAL STUD WALLS. INSTALLATION BRACKET SUPPLIED BY MANUFACTURER

INTERIOR HVAC ANCHORAGE

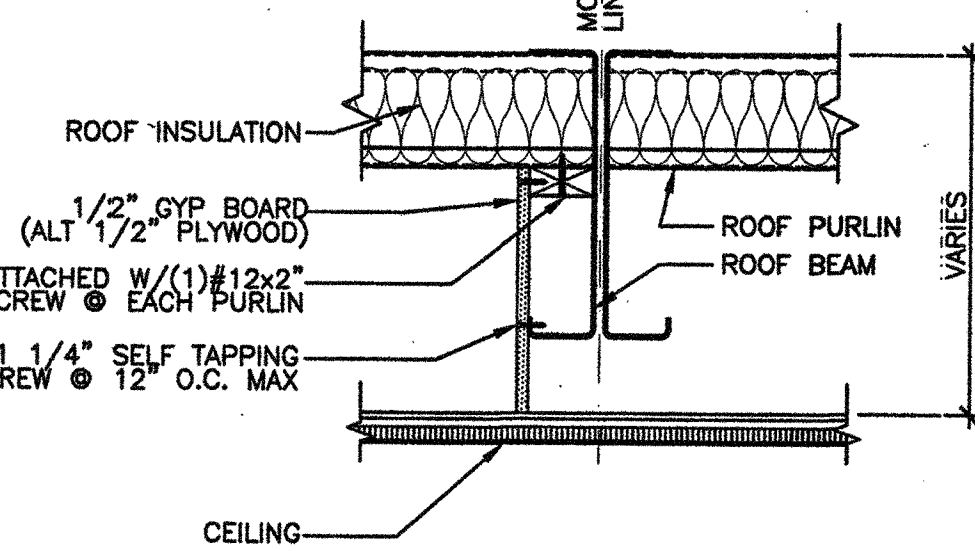
SCALE: N.T.S.

WALL MOUNT HVAC ANCHORAGE

SCALE: N.T.S.

CEILING ATTACHMENTS DETAIL

SCALE: 1 1/2" = 1'-0"

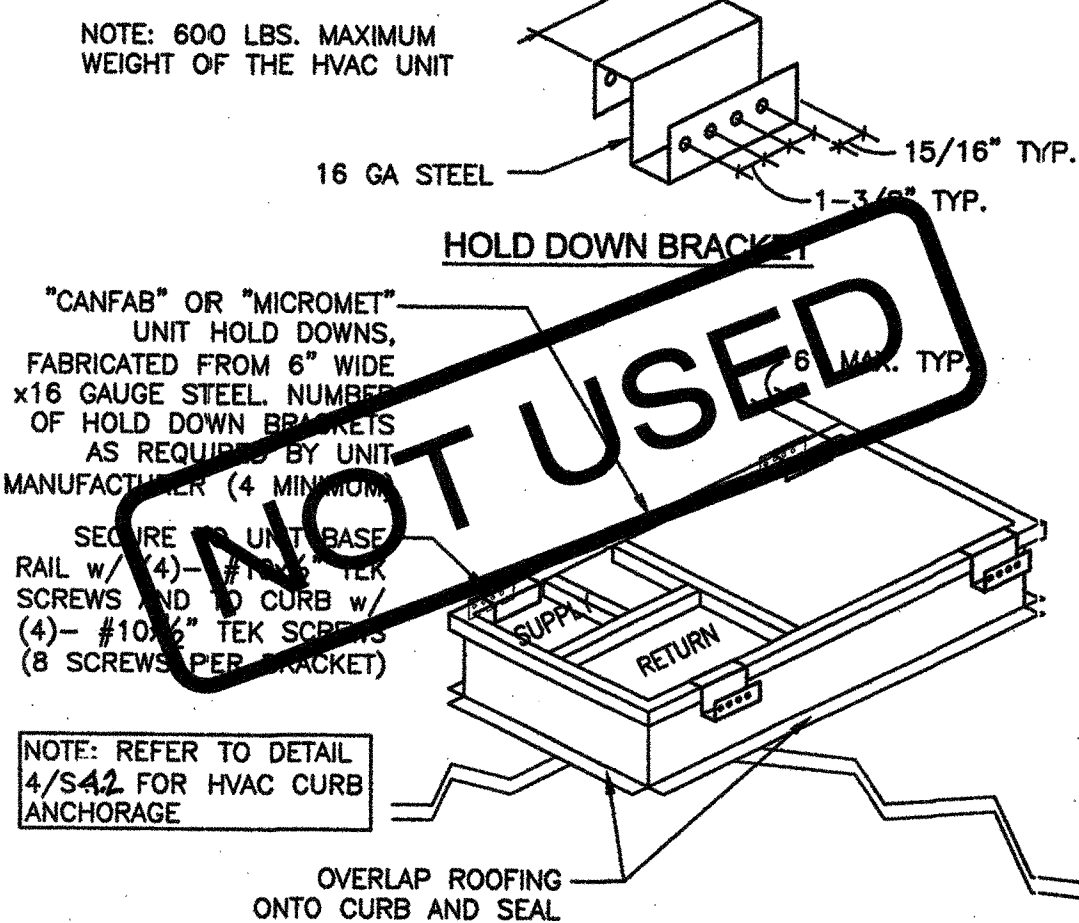


C.B.C. SECTION 718.4.3: DRAFTSTOPPING SHALL BE INSTALLED IN ATTICS AND CONCEALED ROOF SPACES, SUCH THAT ANY HORIZONTAL AREA DOES NOT EXCEED 3,000 SQUARE FEET.

NOTE EXCEPTION #2: IN GROUP A, E, H, I, L OCCUPANCIES, WHERE AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 IS INSTALLED, THE AREA BETWEEN DRAFT STOPS MAY BE 9,000 SQUARE FEET AND THE GREATEST HORIZONTAL DISTANCE MAY BE 100 FEET.

DRAFT STOP DETAIL

SCALE: 1 1/2" = 1'-0"



NOTE: 600 LBS. MAXIMUM WEIGHT OF THE HVAC UNIT

"CANFAB" OR "MICROMET" UNIT HOLD DOWNS, FABRICATED FROM 6" WIDE x 16 GAUGE STEEL. NUMBER OF HOLD DOWN BRACKETS AS REQUIRED BY UNIT MANUFACTURER (4 MIN. HOLD)

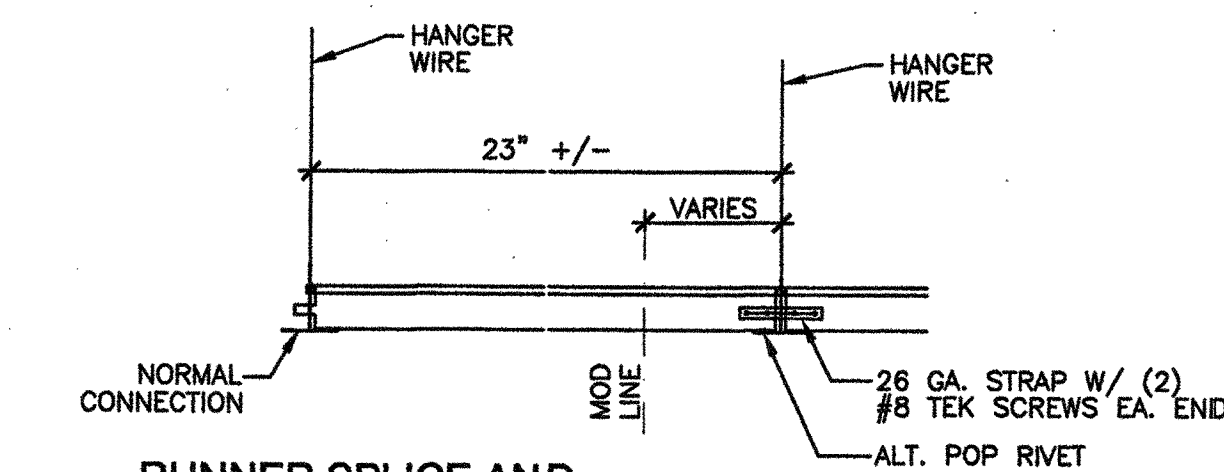
NOTE: REFER TO DETAIL 4/S42 FOR HVAC CURB ANCHORAGE

ROOF CURB ELEVATION-OPTIONAL

SCALE: N.T.S.

RUNNER SPLICE AND CEILING CONNECTION @ MODULE LINE

(C)



(A) FIXED END

NOTE: NAILS AT THE END OF HORIZONTAL STRUTS ARE TO BE PLACED WITH NAIL HEAD TOWARD CENTERLINE OF SPAN OF STRUT.

8" MAXIMUM OR 1/4 OF THE LENGTH OF THE END RUNNER WHICHEVER IS LESS

ALTERNATE WIRE DIRECTION AT ENDS

#12 GA. HANGER WIRES 4'-0" O.C. MAX. (SHOULD BE ATTACHED TO MAIN RUNNER OR CROSS T AS APPROPRIATE)

MIN OF 3 TIGHT TURNS WITHIN 1/2" TYP.

ACROUSTIC BOARD

2"x2" WALL ANGLE ATTACHED W/ 8d NAILS TO EA. STUD OR ALTERNATE ARMSTRONG BERCO CLIP WITH 7/8" WALL ANGLE PER ICC REPORT ESR-1308

FIBER GLASS BATT INSULATION SECURED IN PLACE PER CBC 717.2.1 FOR FIRE BLOCKING TYP.

ACROUSTIC BOARD

ANGLE WITH POP RIVET TO EACH T-BAR NO CONNECTION TO WALL ANGLE

2"x2" WALL ANGLE ATTACHED W/ 8d NAILS TO EA. STUD, OR ALTERNATE: ARMSTRONG BERCO CLIP WITH 7/8" WALL ANGLE PER ICC REPORT ESR-1308

(SLOTTED) SPACER W/ HORIZONTAL 6d RING SHANK NAIL (SEE NOTE)

ALTERNATE LOCATION WITHOUT NAIL

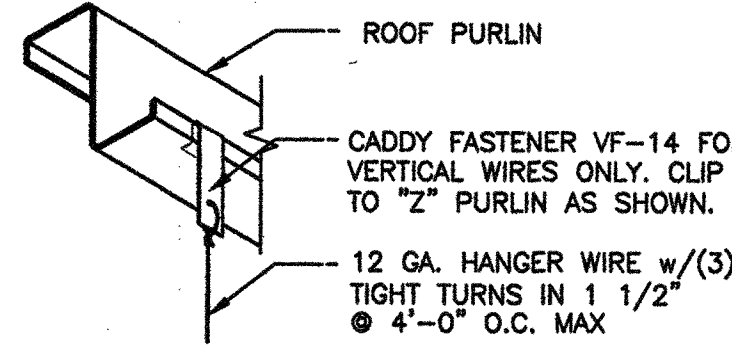
2"x2" MIN. WALL ANGLE

1/4" DIA. SCREW EYE SHANK IN DIRECTION OF WIRE 1 1/2" MIN. FULLTHREAD PENETRATION

FIRE BLOCKING @ 8'-0"-10'-0" ABV. FIN. FLR. @ WALLS EXCEEDING 10'-0" IN HEIGHT PER CBC 717.2 TYP.

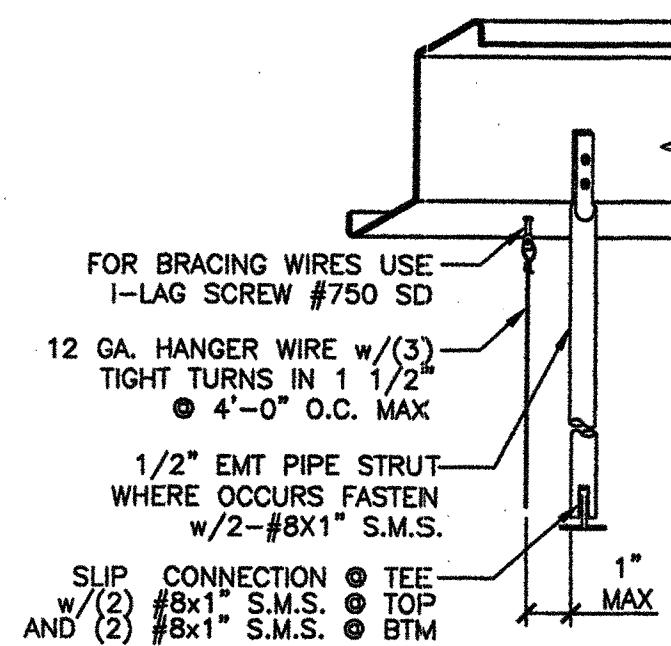
(B) FREE END

AT STEEL JOIST OR RAFTER

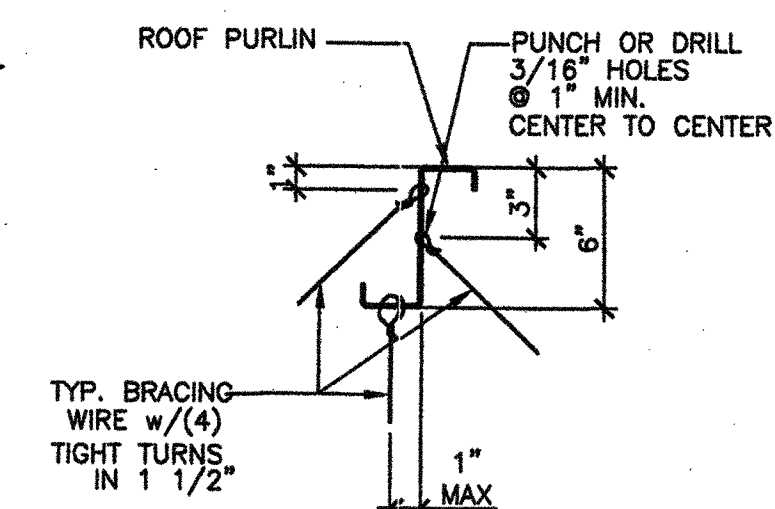


ALTERNATE WIRE CONNECTIONS

TO BOTTOM OR WEB OF JOIST OR RAFTER



TO BOTTOM OF JOIST OR RAFTER



ALTERNATE WIRE CONNECTIONS

ALTERNATE WIRE CONNECTIONS

TO BOTTOM OF JOIST OR RAFTER

SCALE: 1 1/2" = 1'-0"

CONNECTION TO PURLINS DETAIL

SCALE: 1 1/2" = 1'-0"

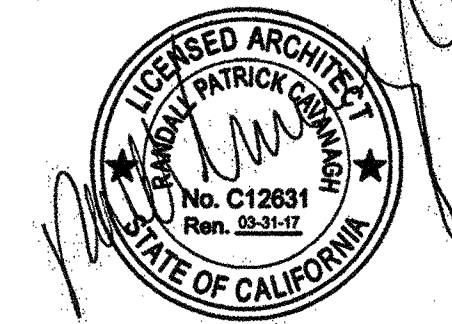
MODULAR MANUFACTURER PROPRIETARY STATEMENT
 THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
CEILING & MECHANICAL DETAILS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APPL 01-115705
 ACS _____ FLS _____ SSS _____
 DATE APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

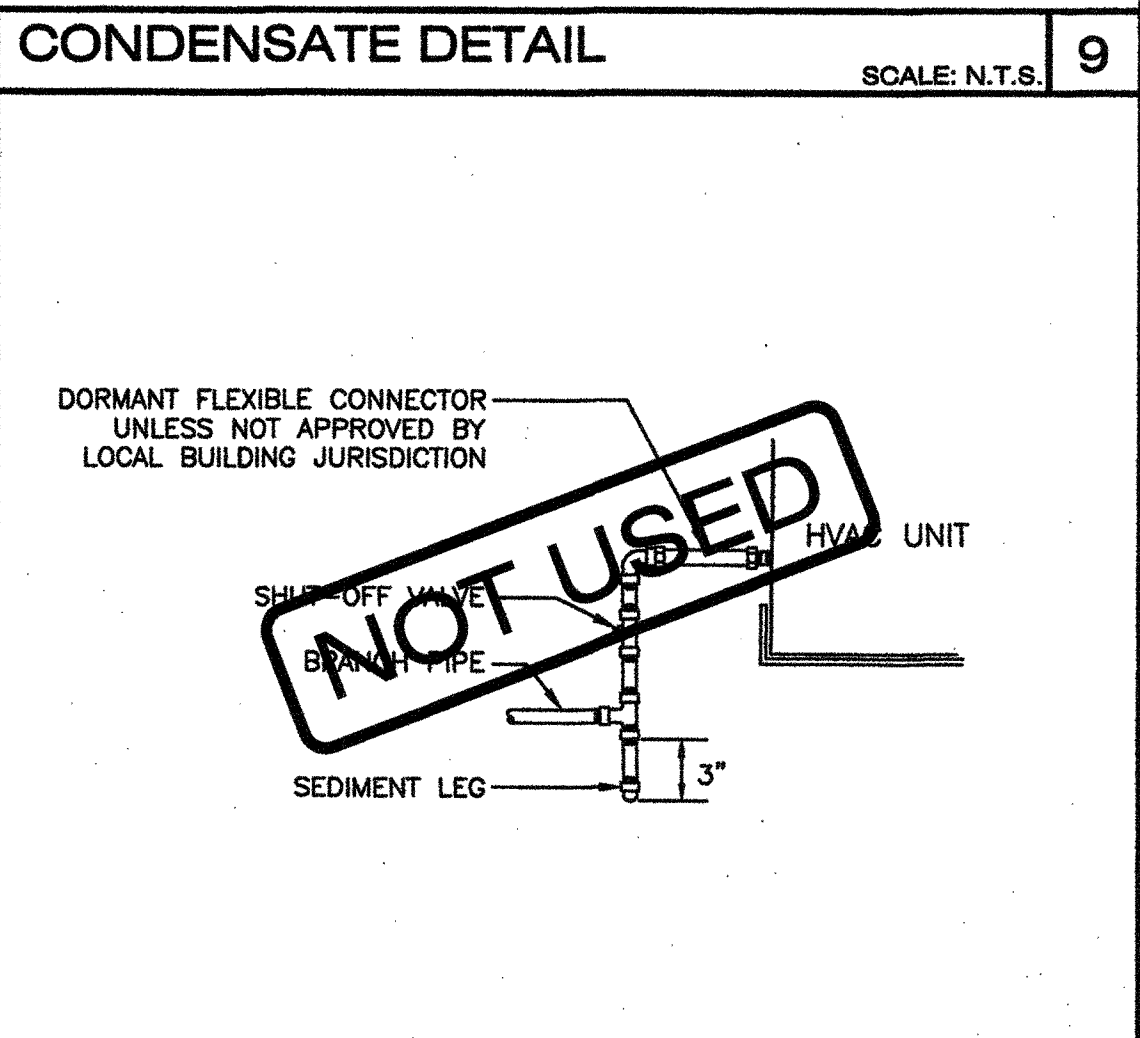
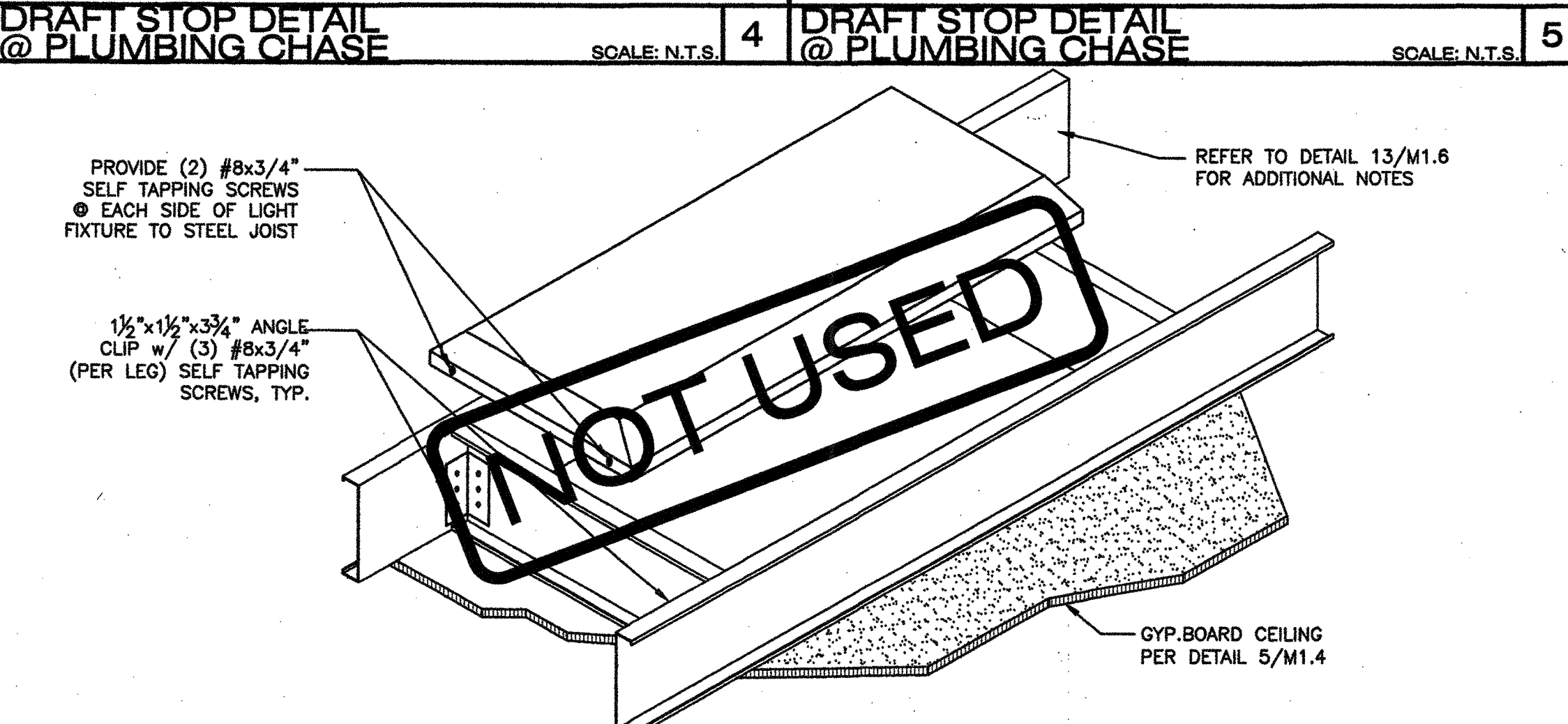
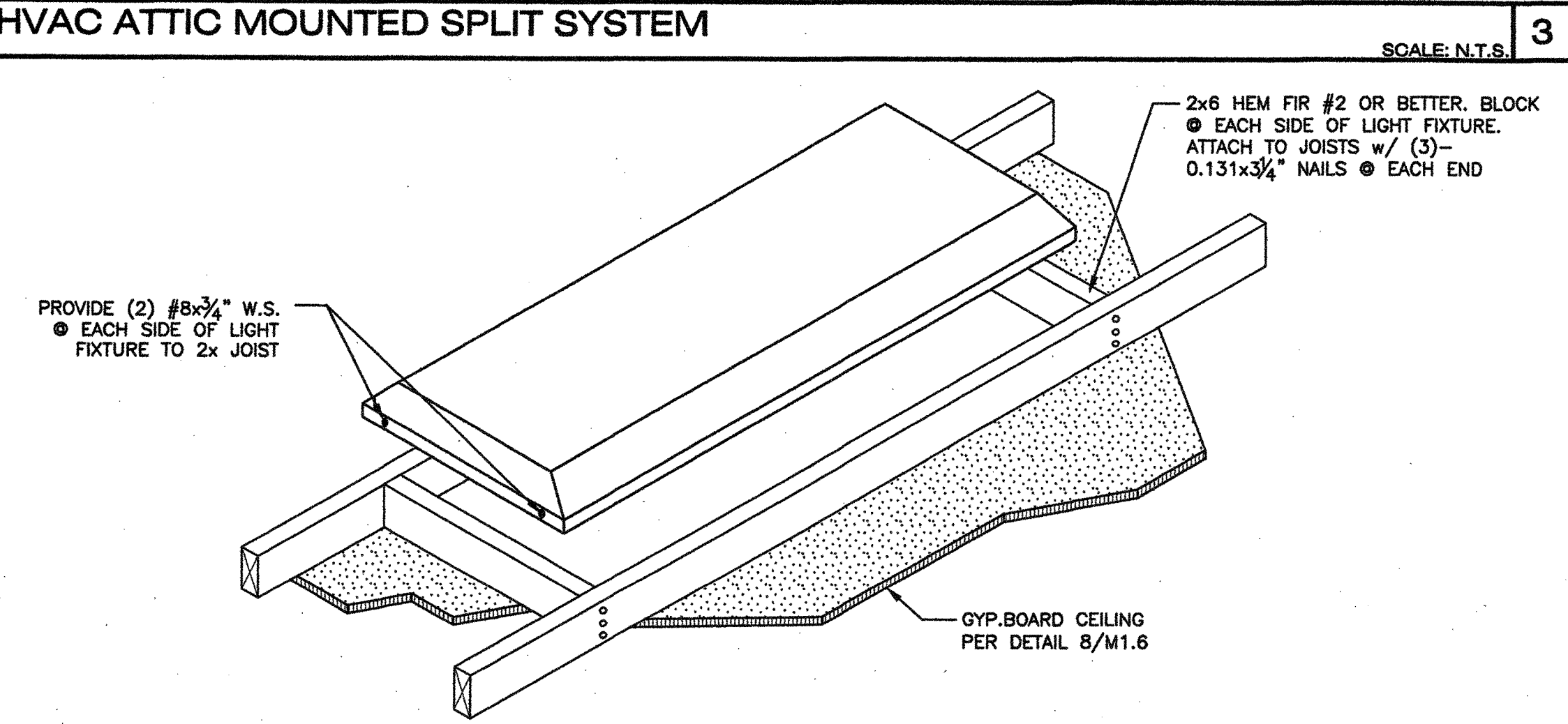
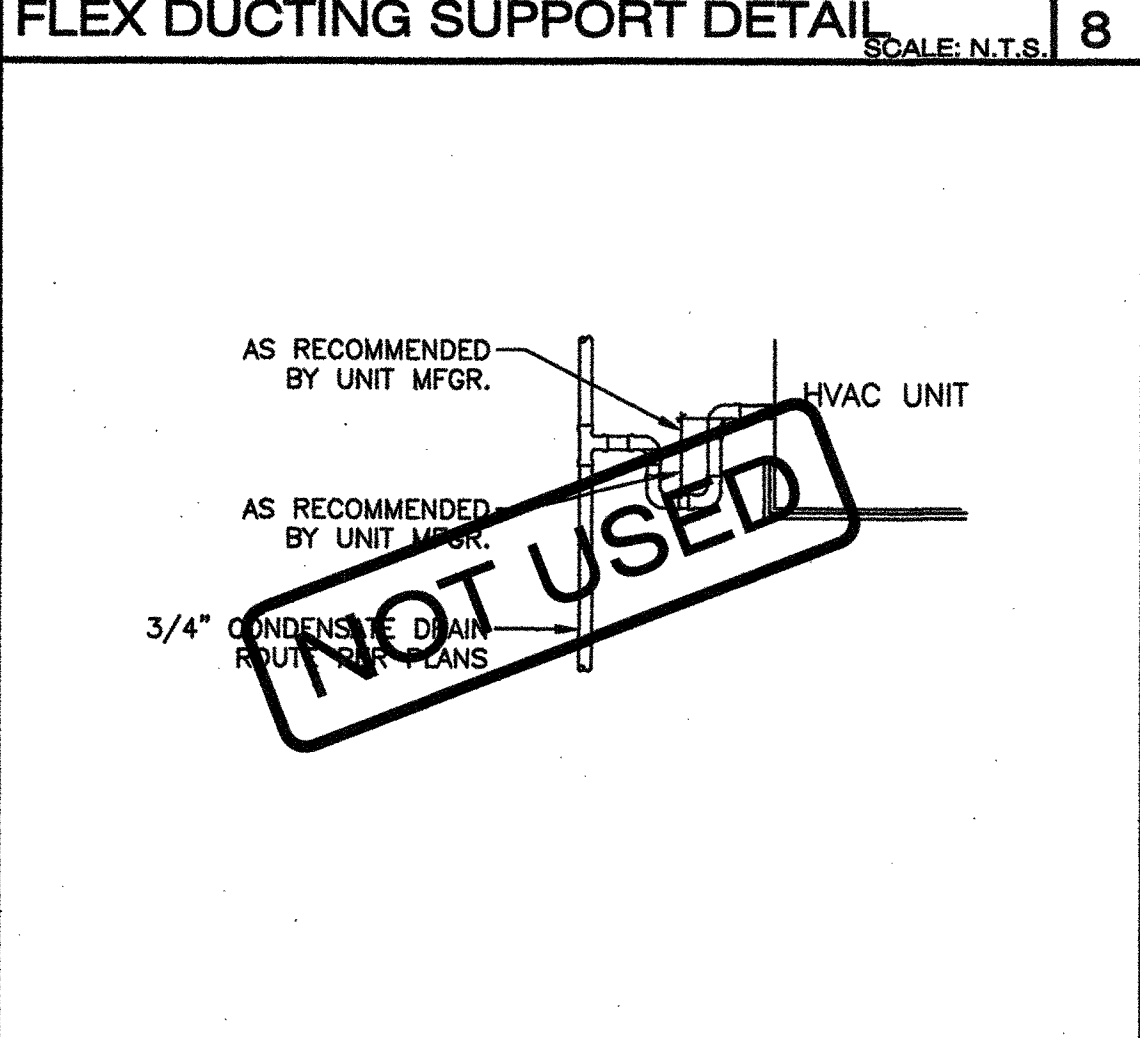
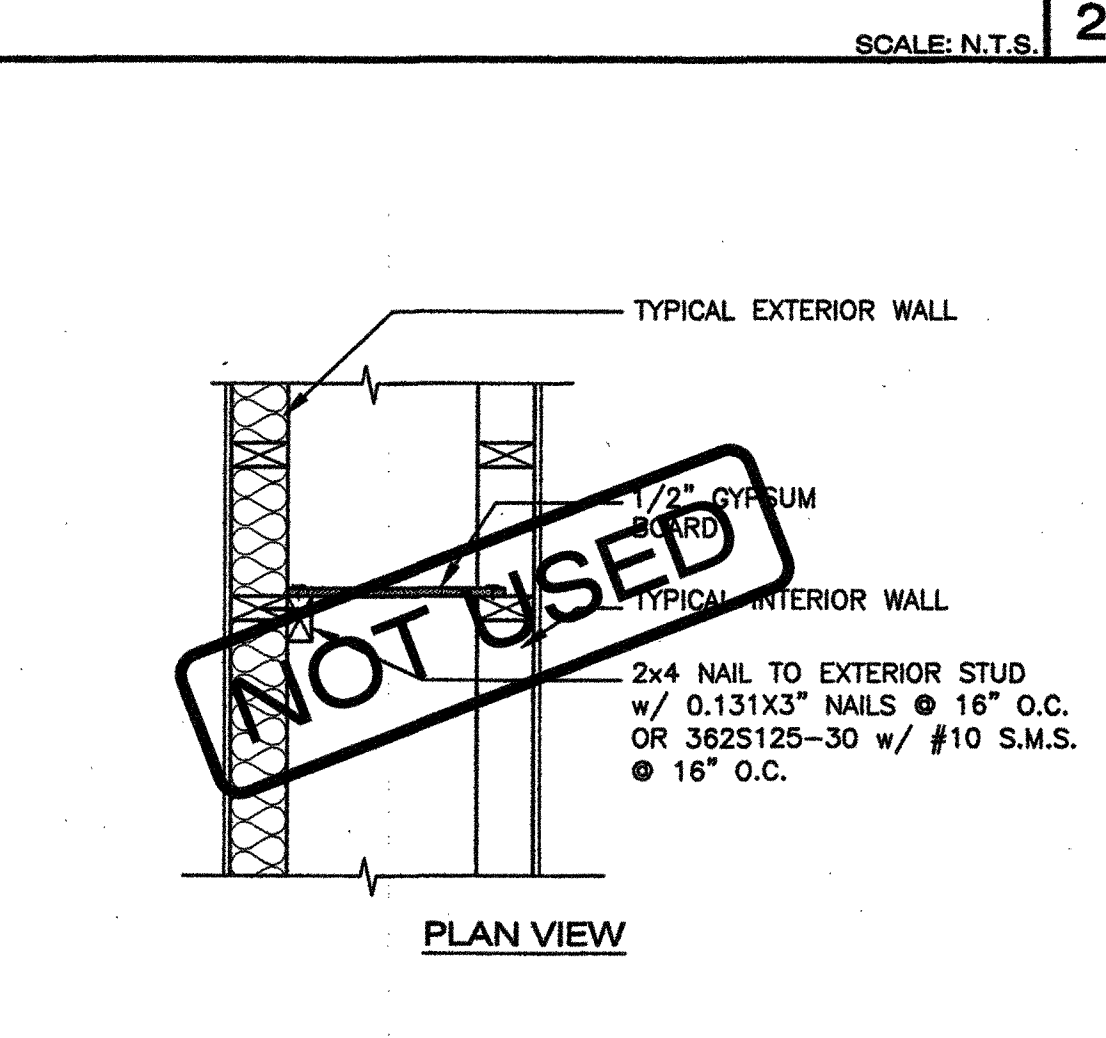
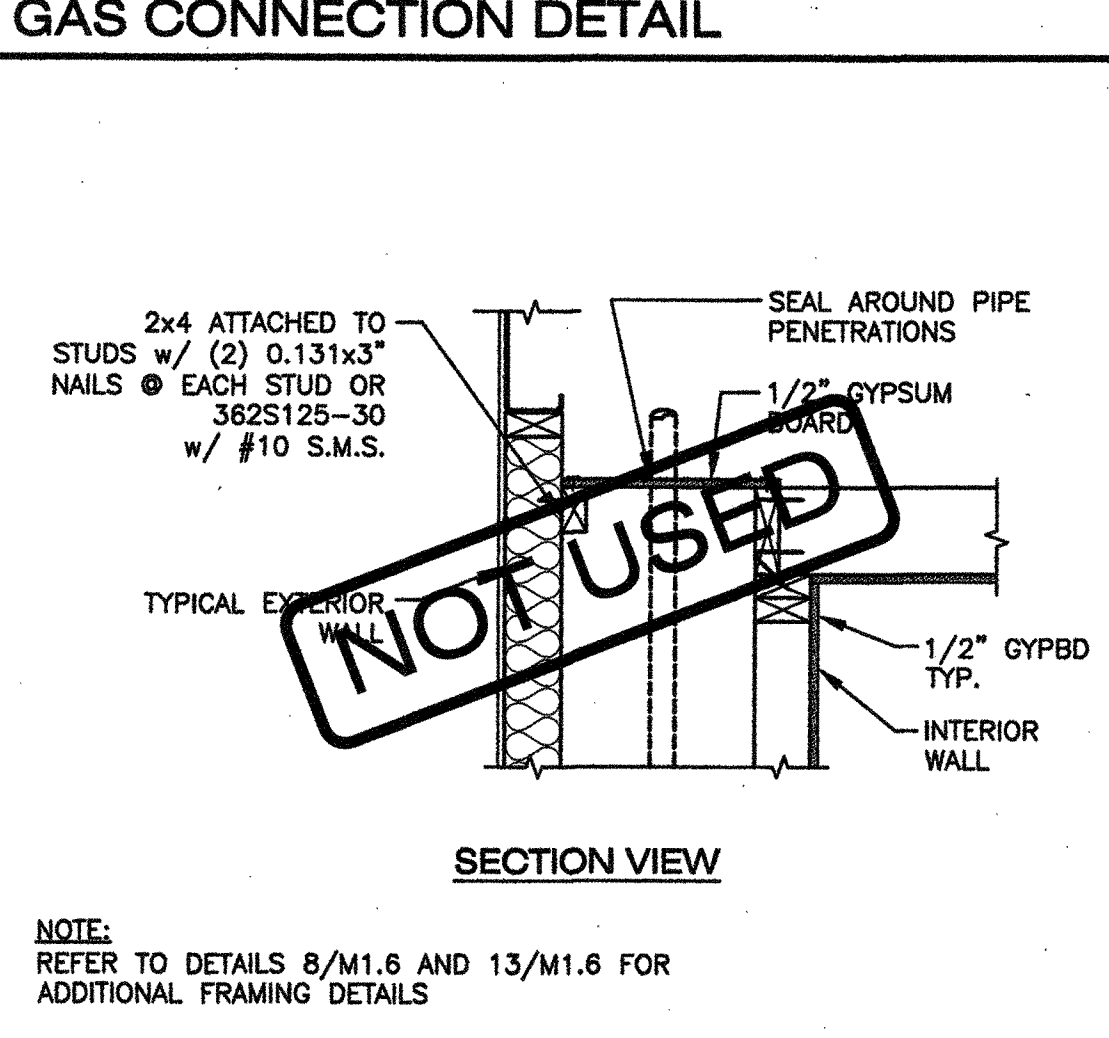
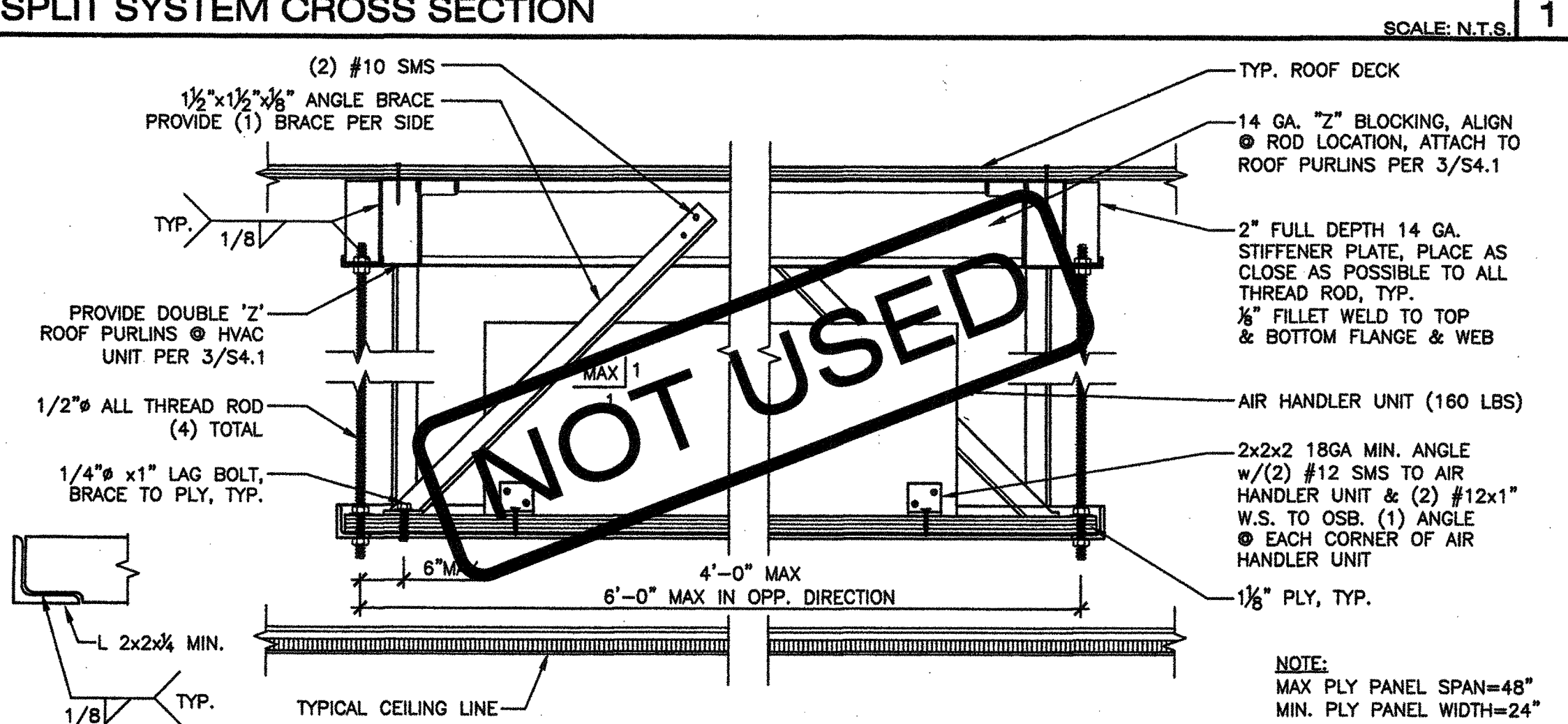
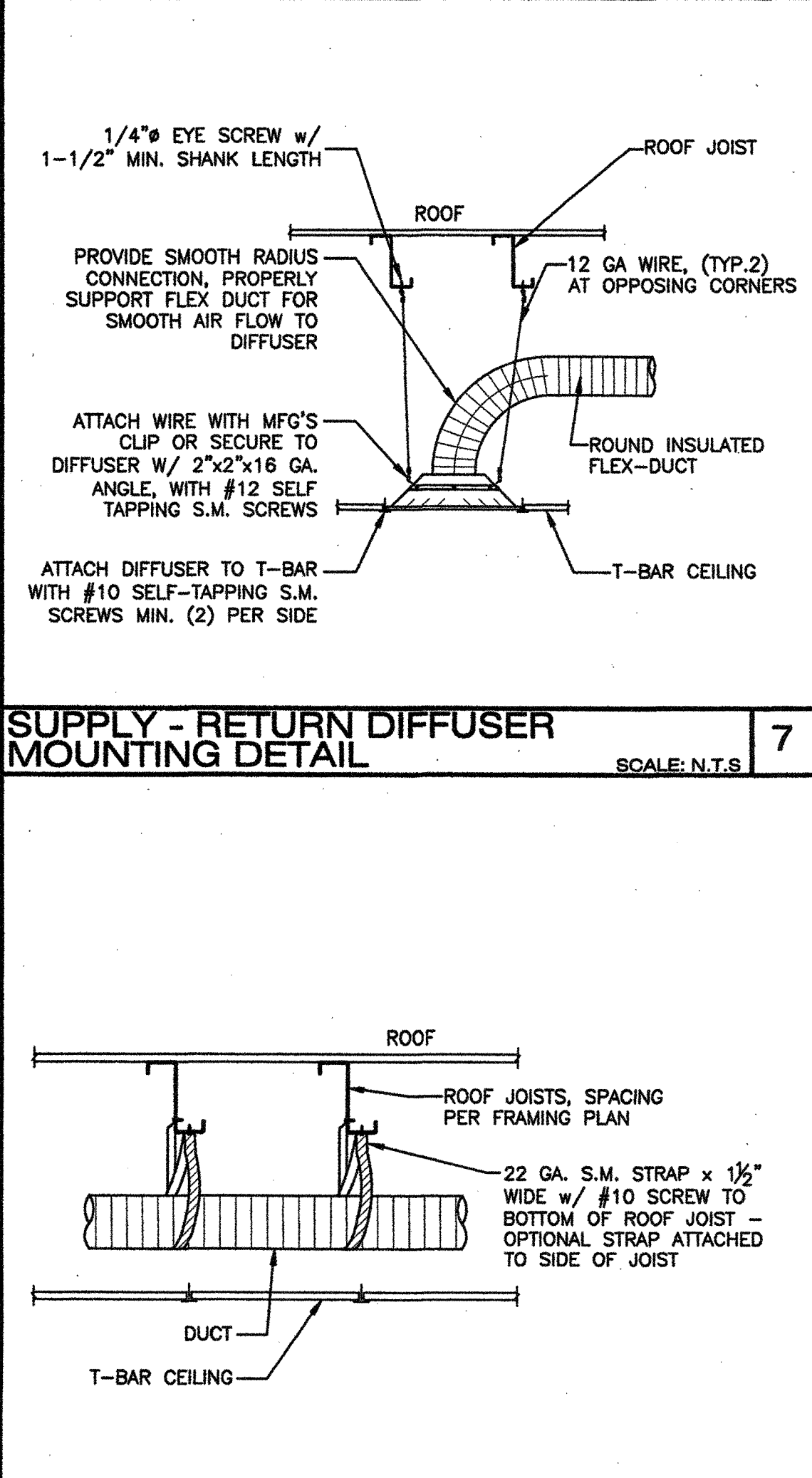
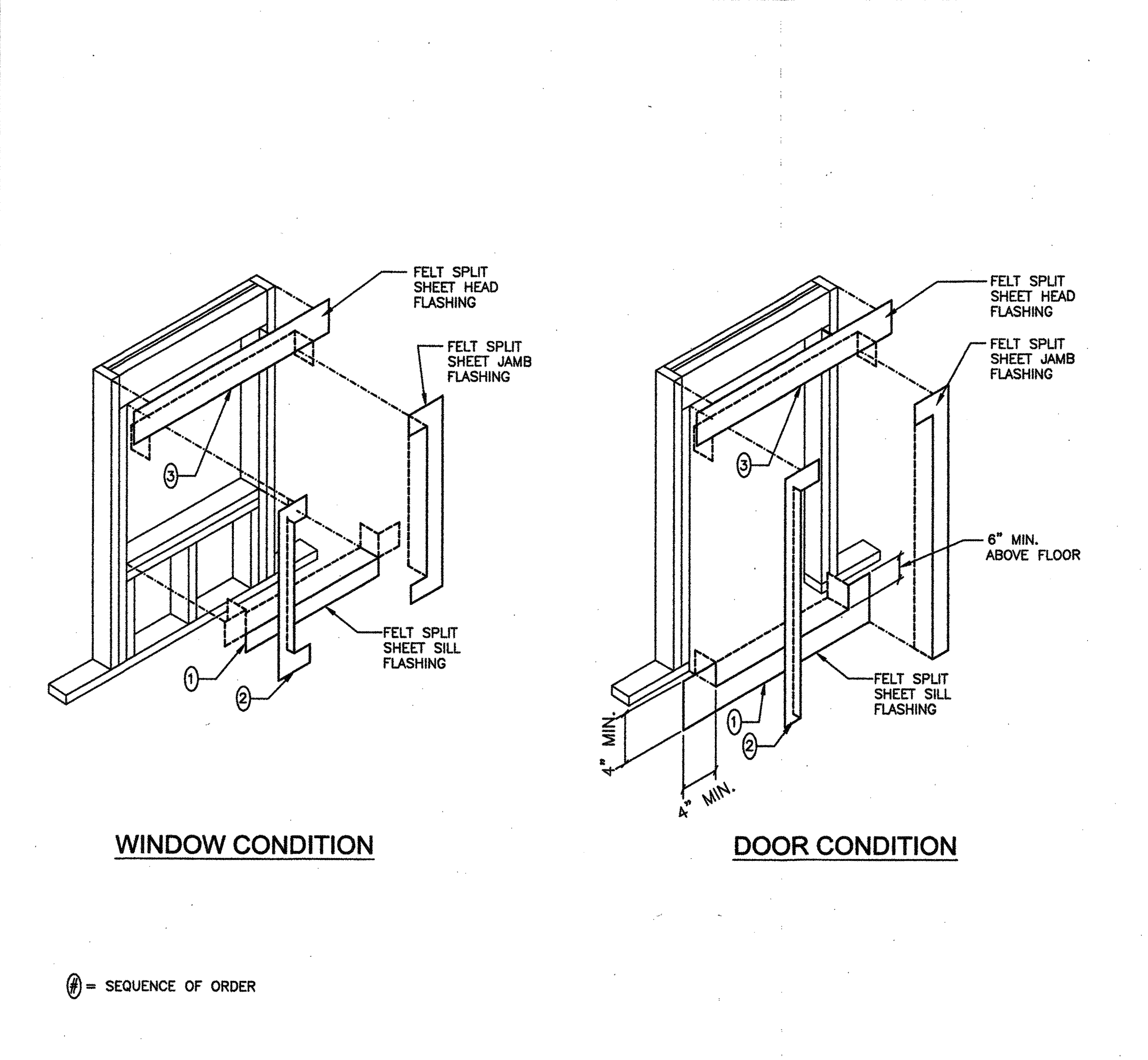
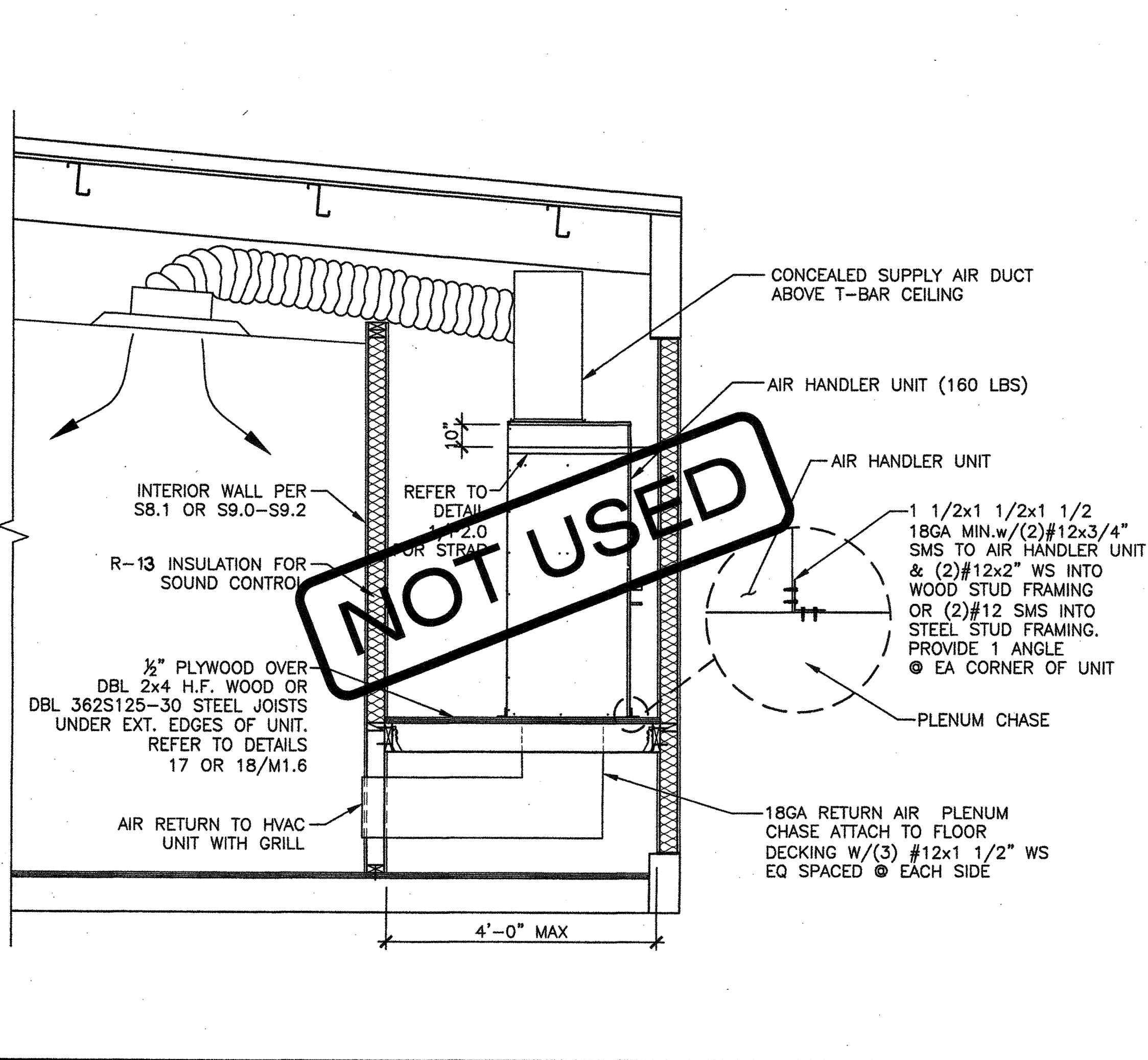
IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 CA. DEPT. OF GENERAL SERVICES
 PC 02-113876
 AC _____ FLS _____ SSS _____
 DATE 6/22/15

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

REVISIONS

DRAWN BY:
 SCALE: AS NOTED
 DATE:
 SHEET NUMBER

M1.5



LIGHT FIXTURE ATTACHMENT DETAIL GYPSUM BOARD CEILING OPTION SCALE: N.T.S. 6

LIGHT FIXTURE ATTACHMENT DETAIL w/METAL STUDS GYPSUM BOARD CEILING OPTION SCALE: N.T.S. 6A

GAS CONNECTION DETAIL SCALE: N.T.S. 10

MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

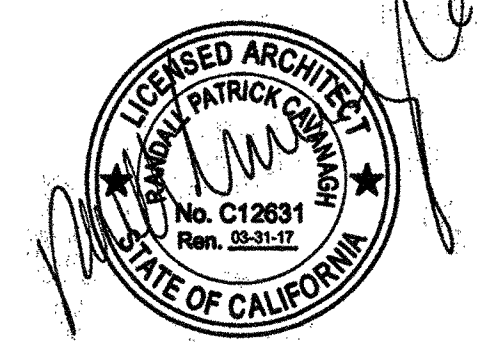
PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE

MECHANICAL ROOF DETAILS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01-115705
DATE: APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CA. DEPT. OF GENERAL SERVICES
PC 02-113876
DATE: 6/22/15

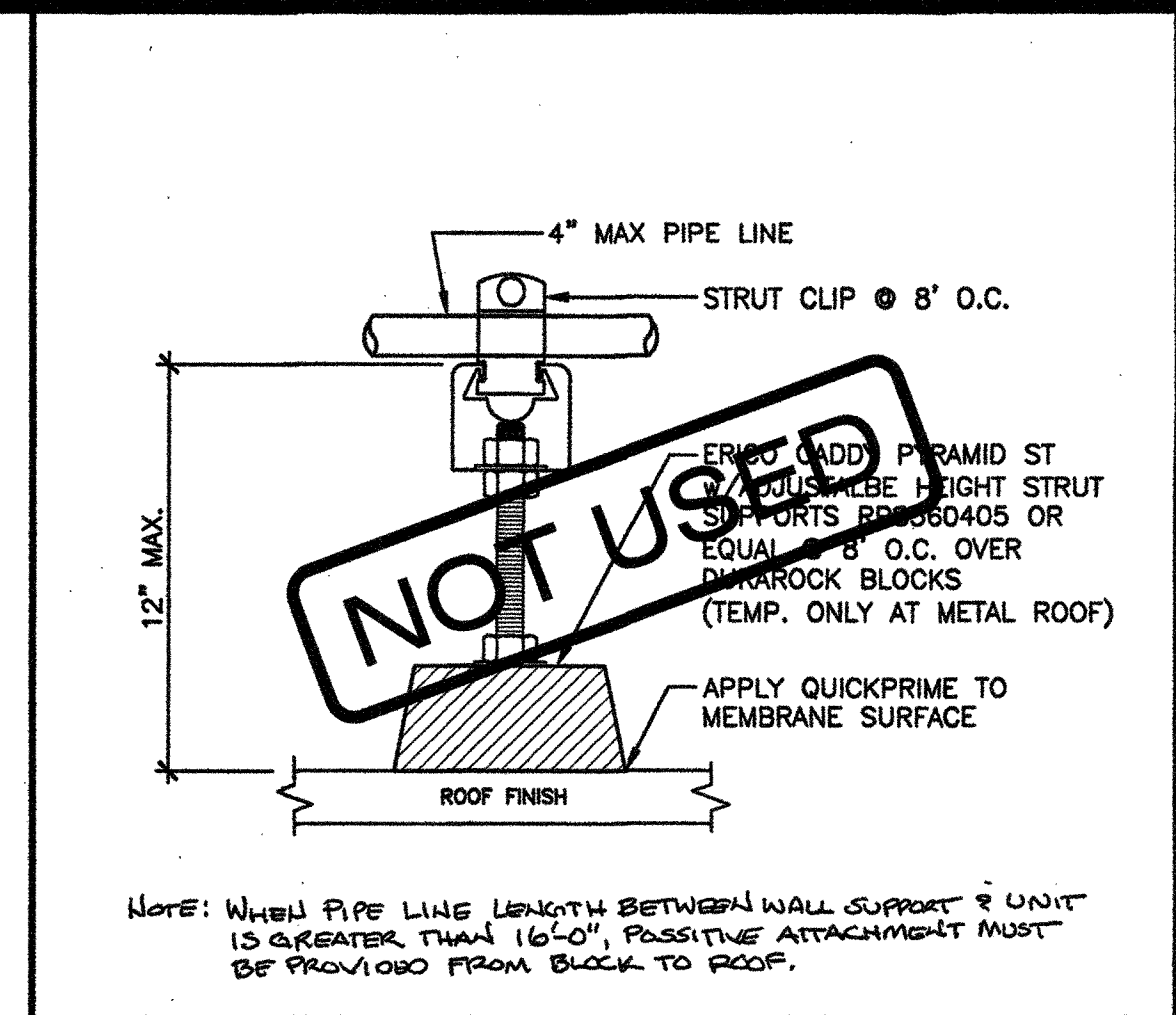
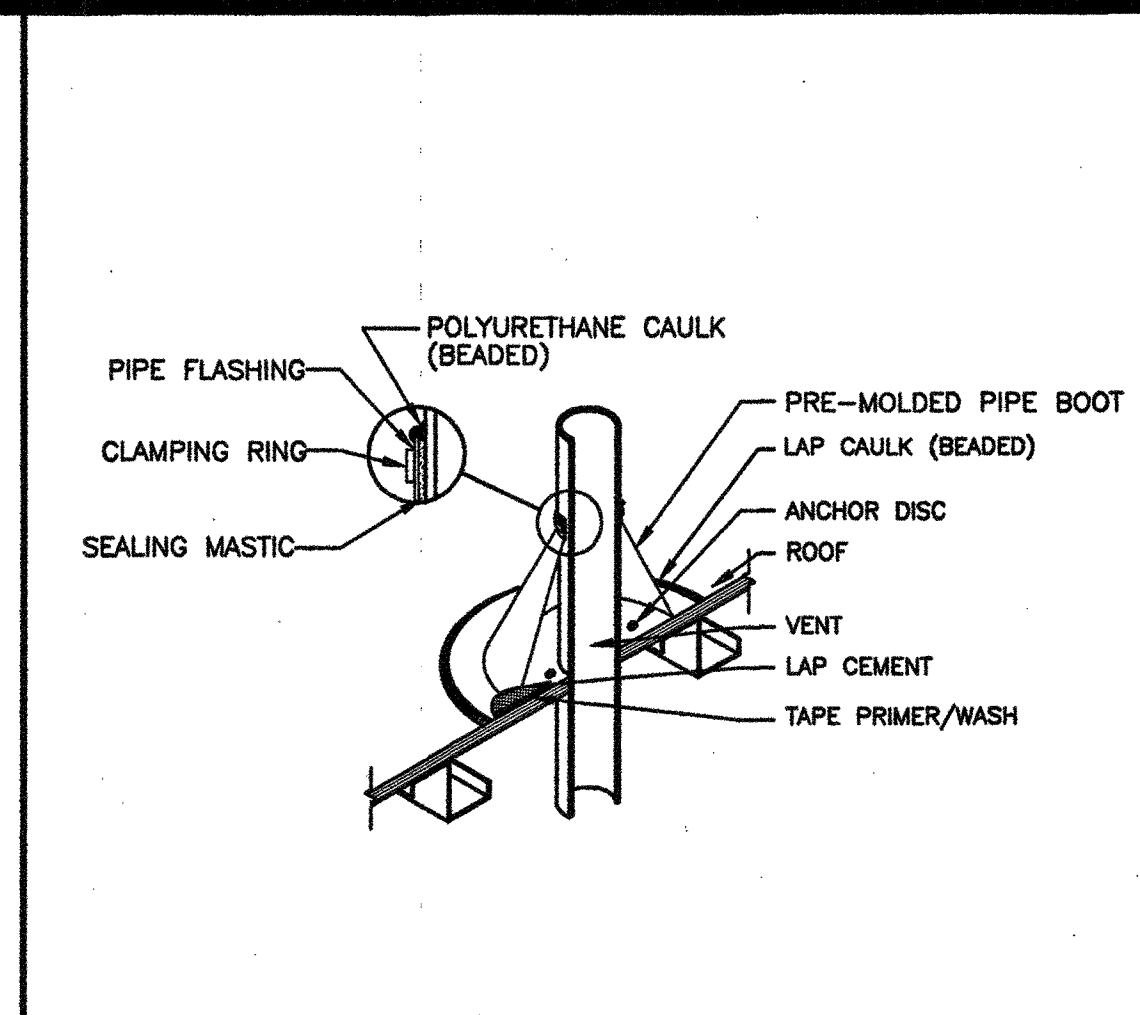
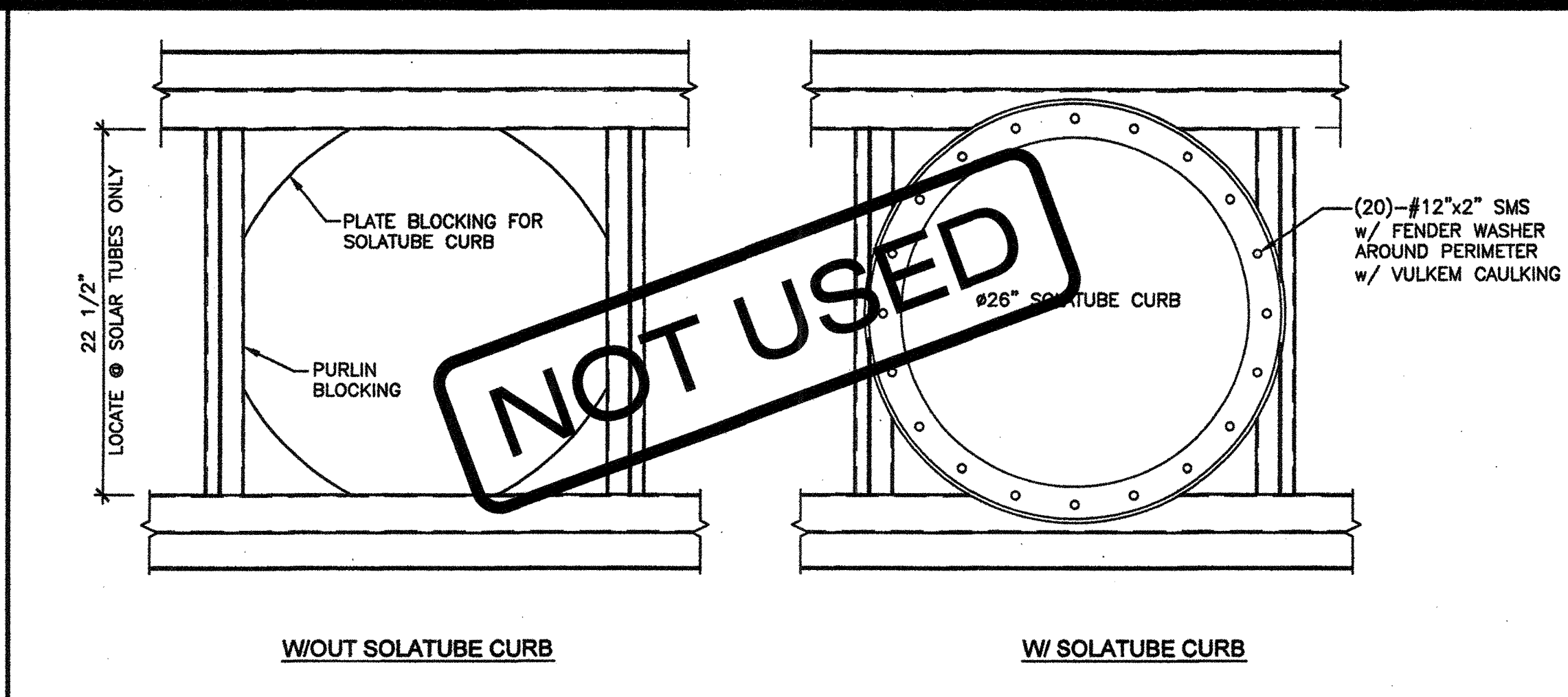
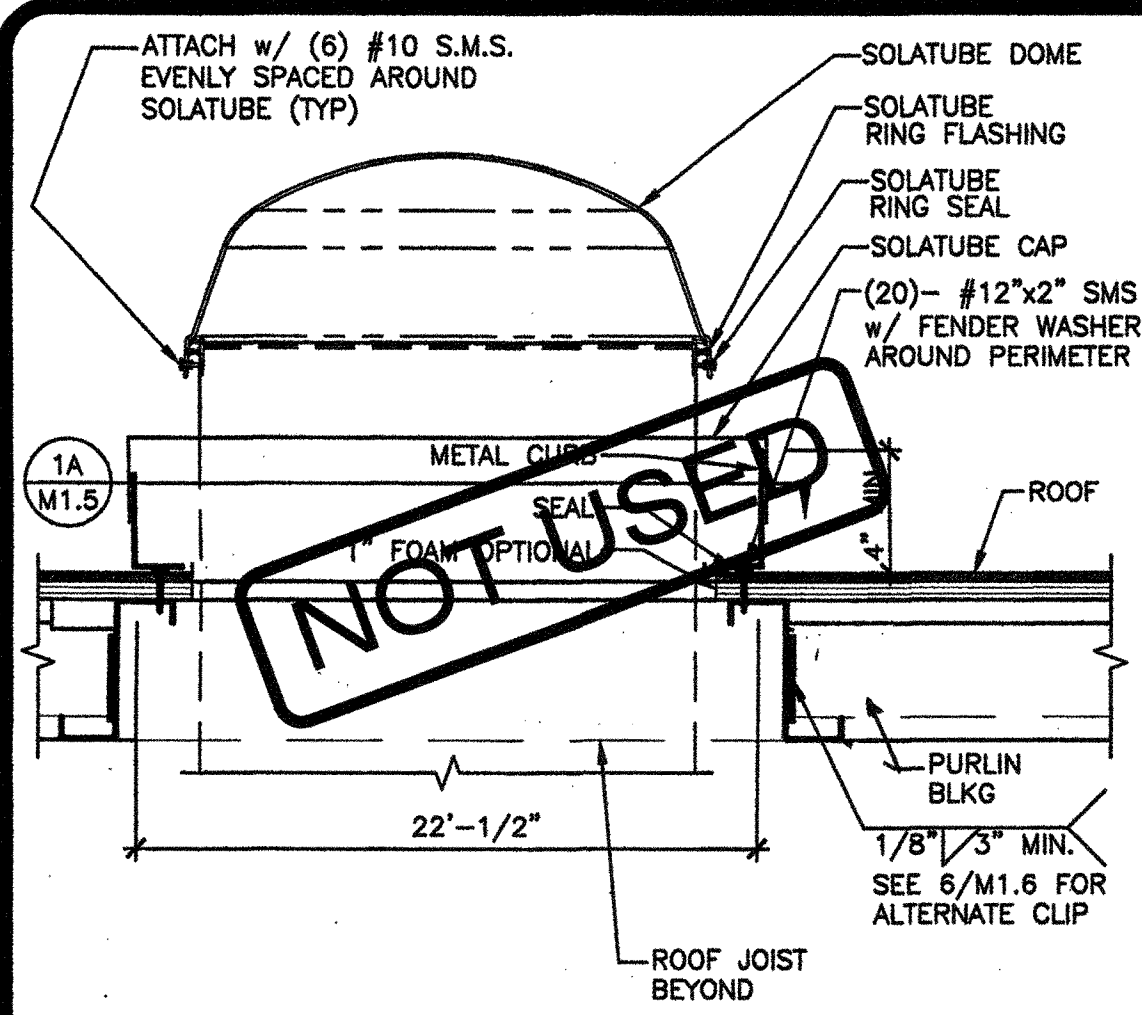
PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS

DRAWN BY: _____
SCALE: AS NOTED
DATE: _____

SHEET NUMBER

M1.6

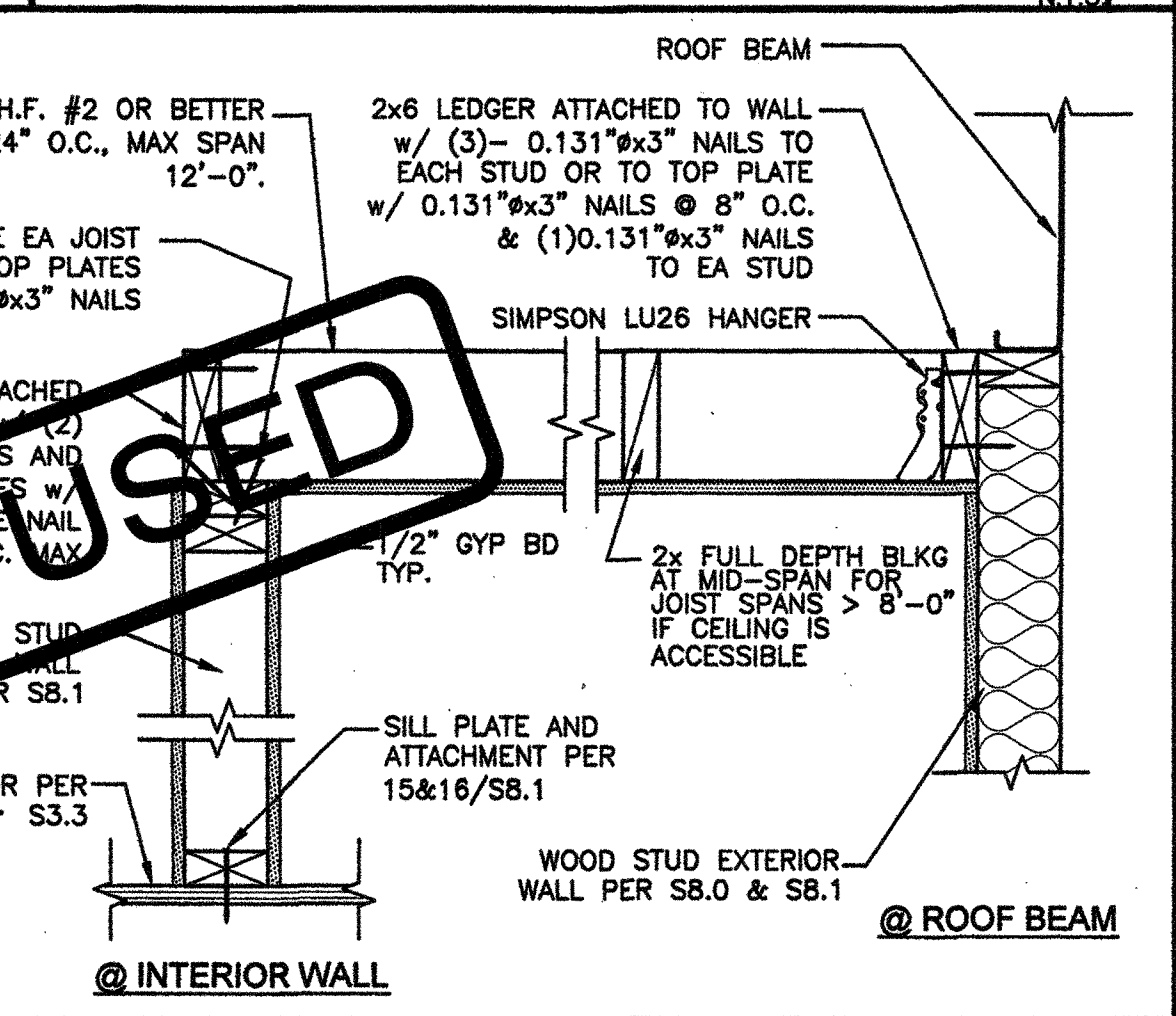
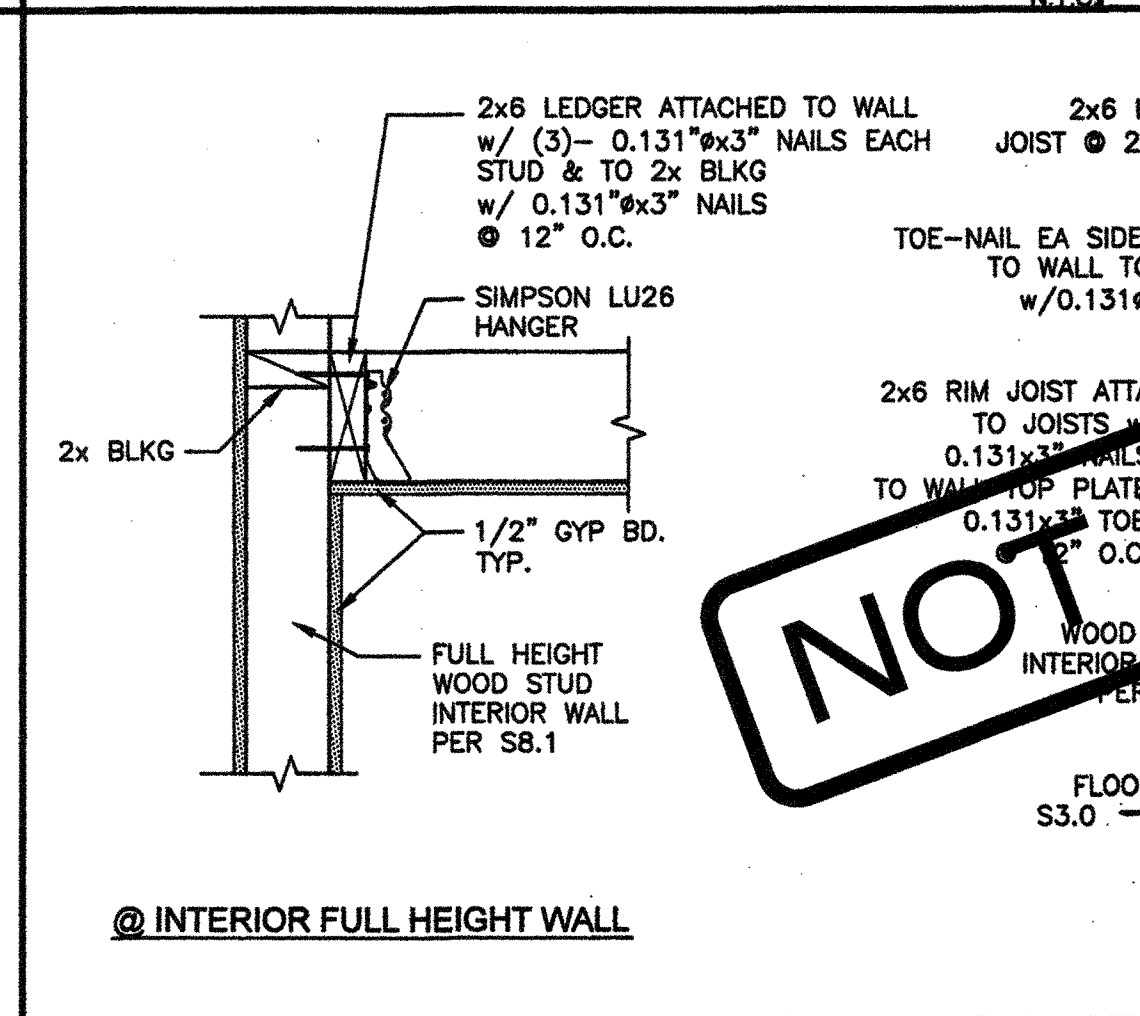
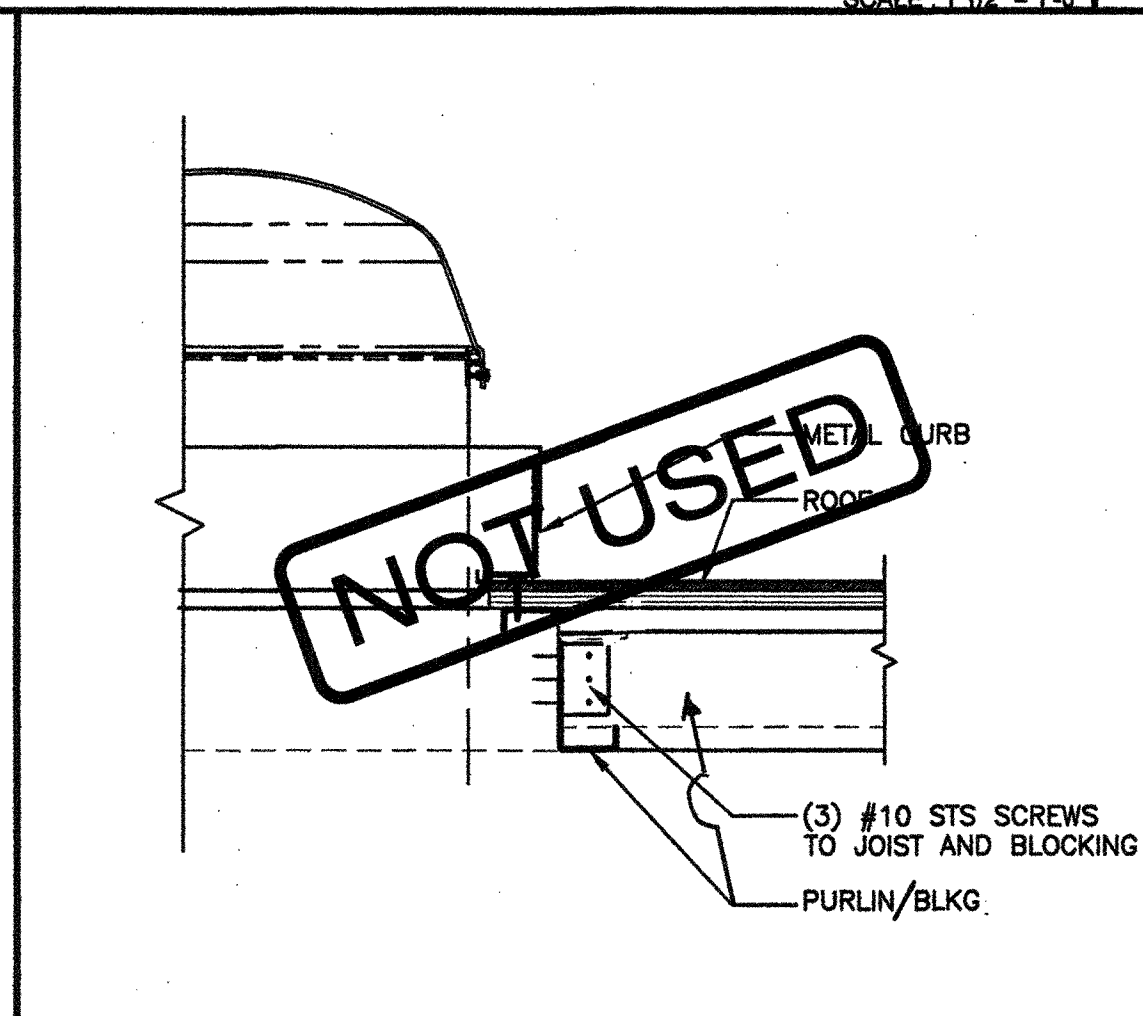
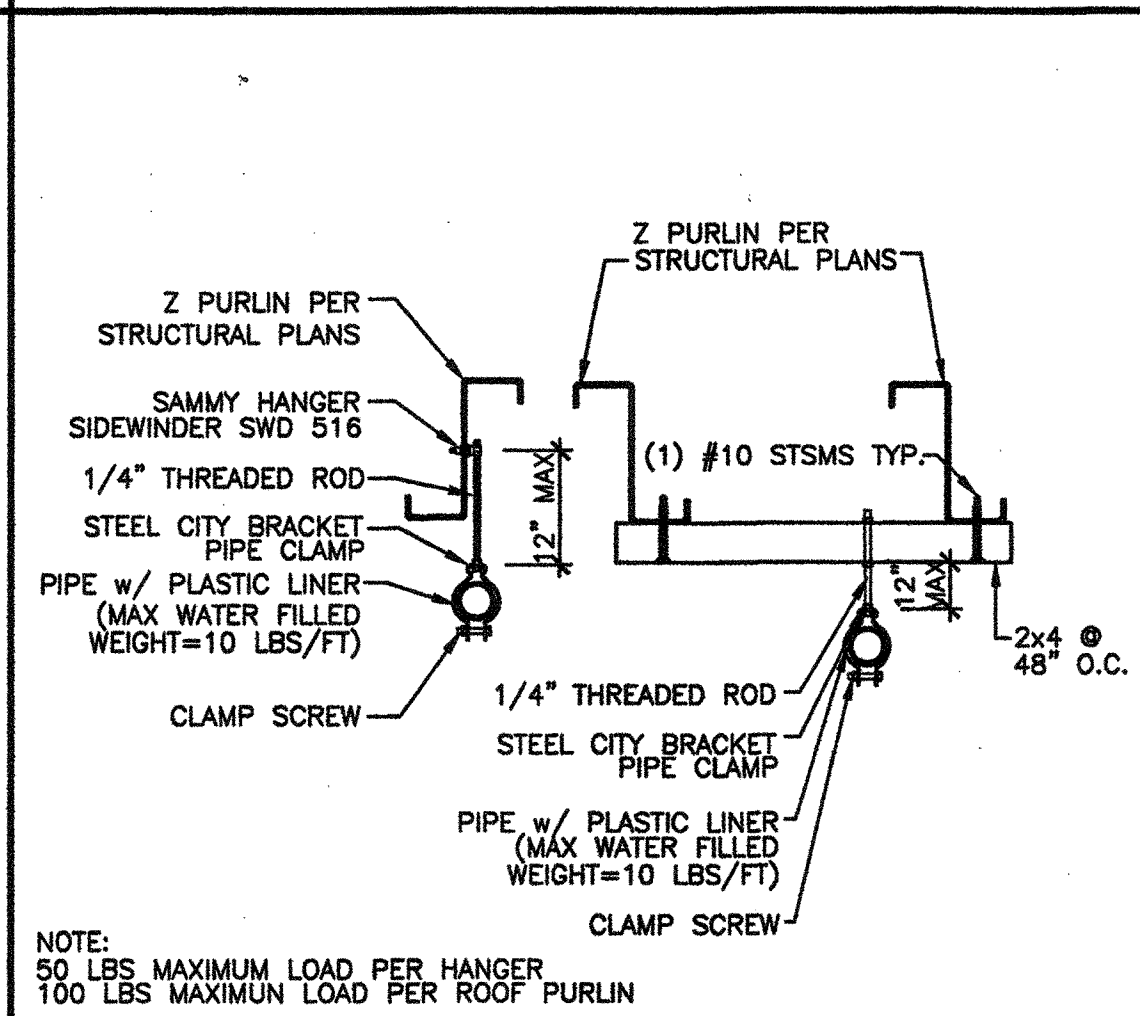
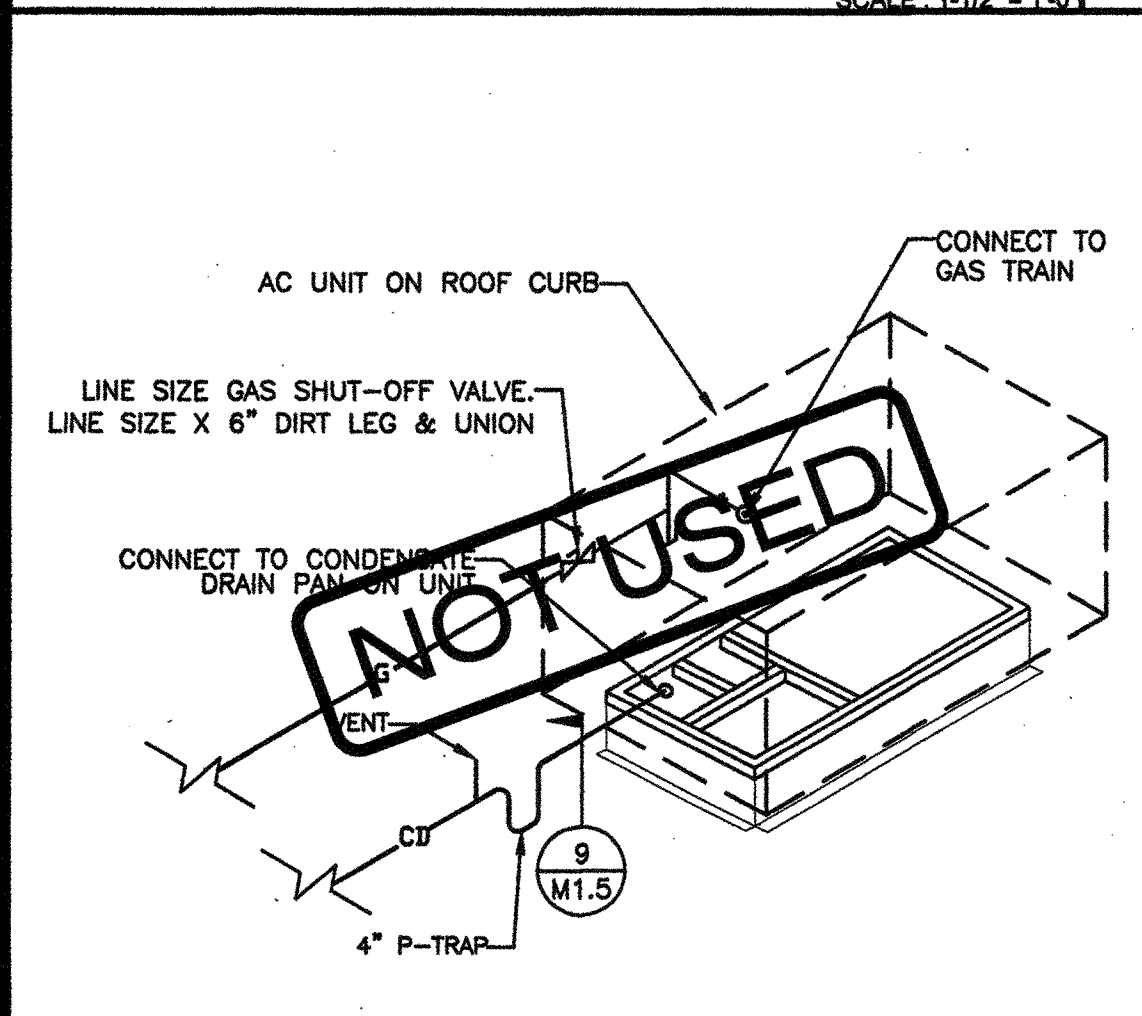


SOLATUBE ATTACHMENT DETAIL SCALE: 1/12" = 1'-0"

SOLATUBE CURB ATTACHMENT DETAIL SCALE: 1/12" = 1'-0"

VENT THRU ROOF PENETRATION DETAIL N.T.S.

CONDENSATE / GAS N.T.S.



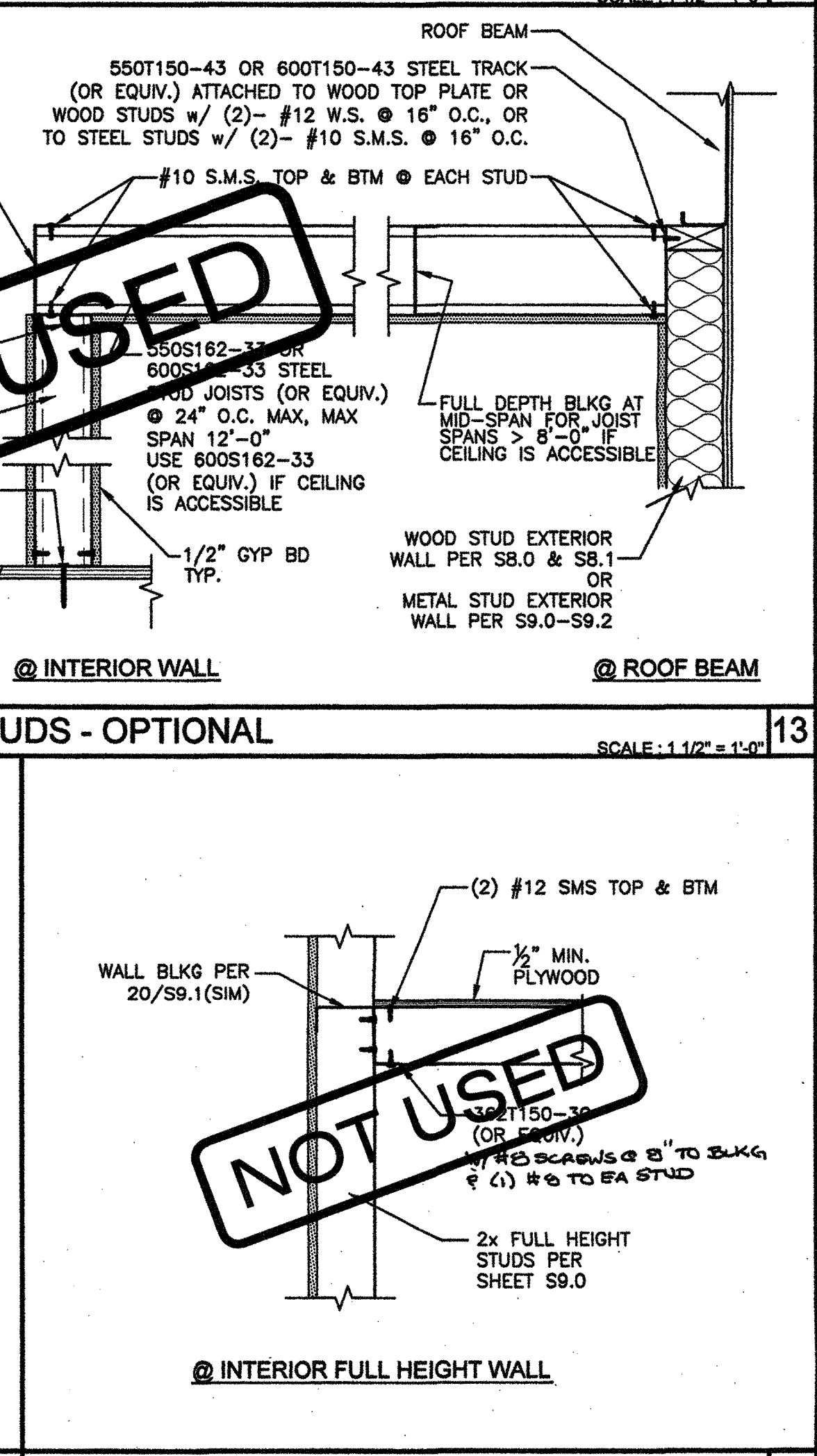
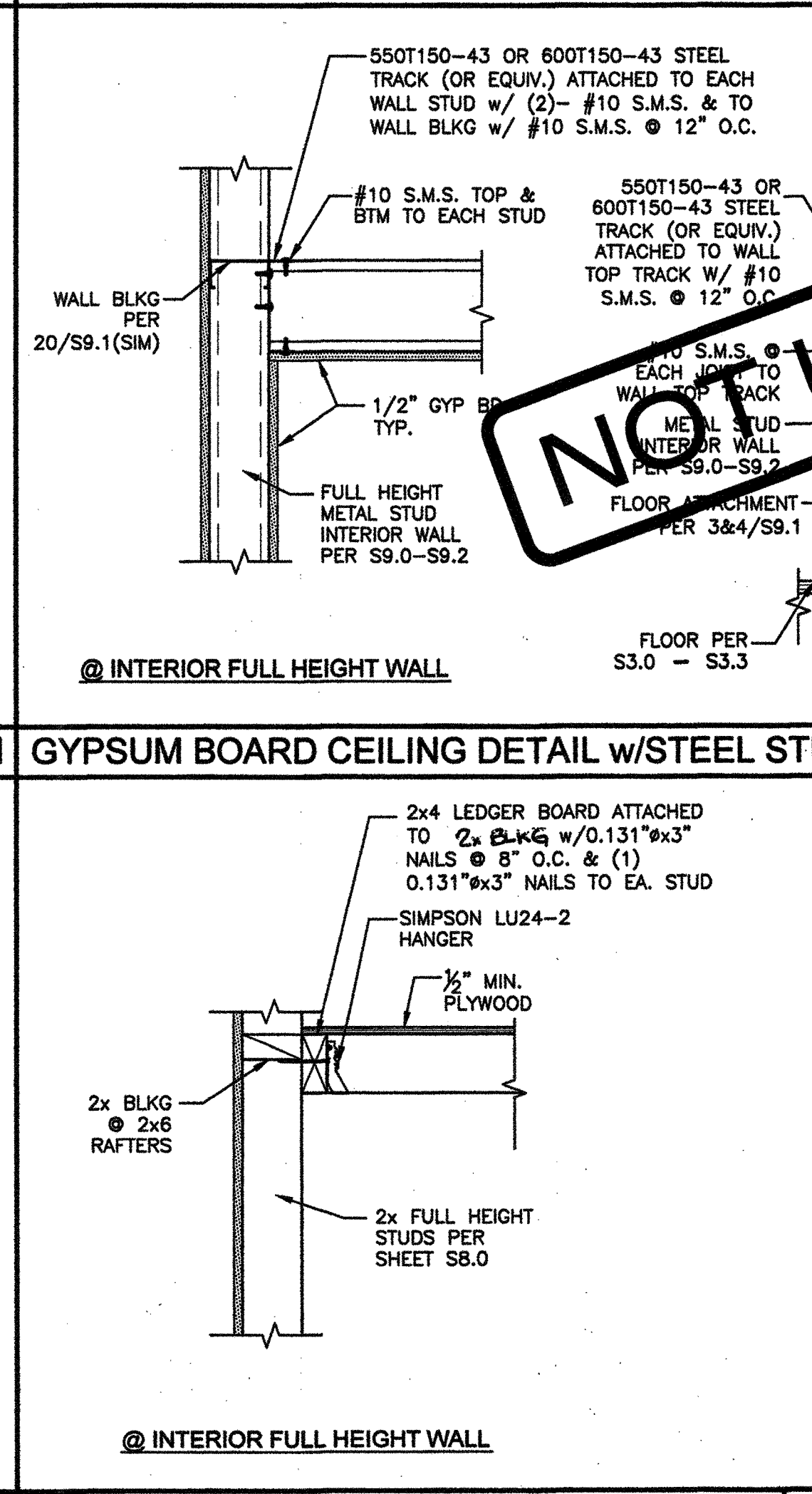
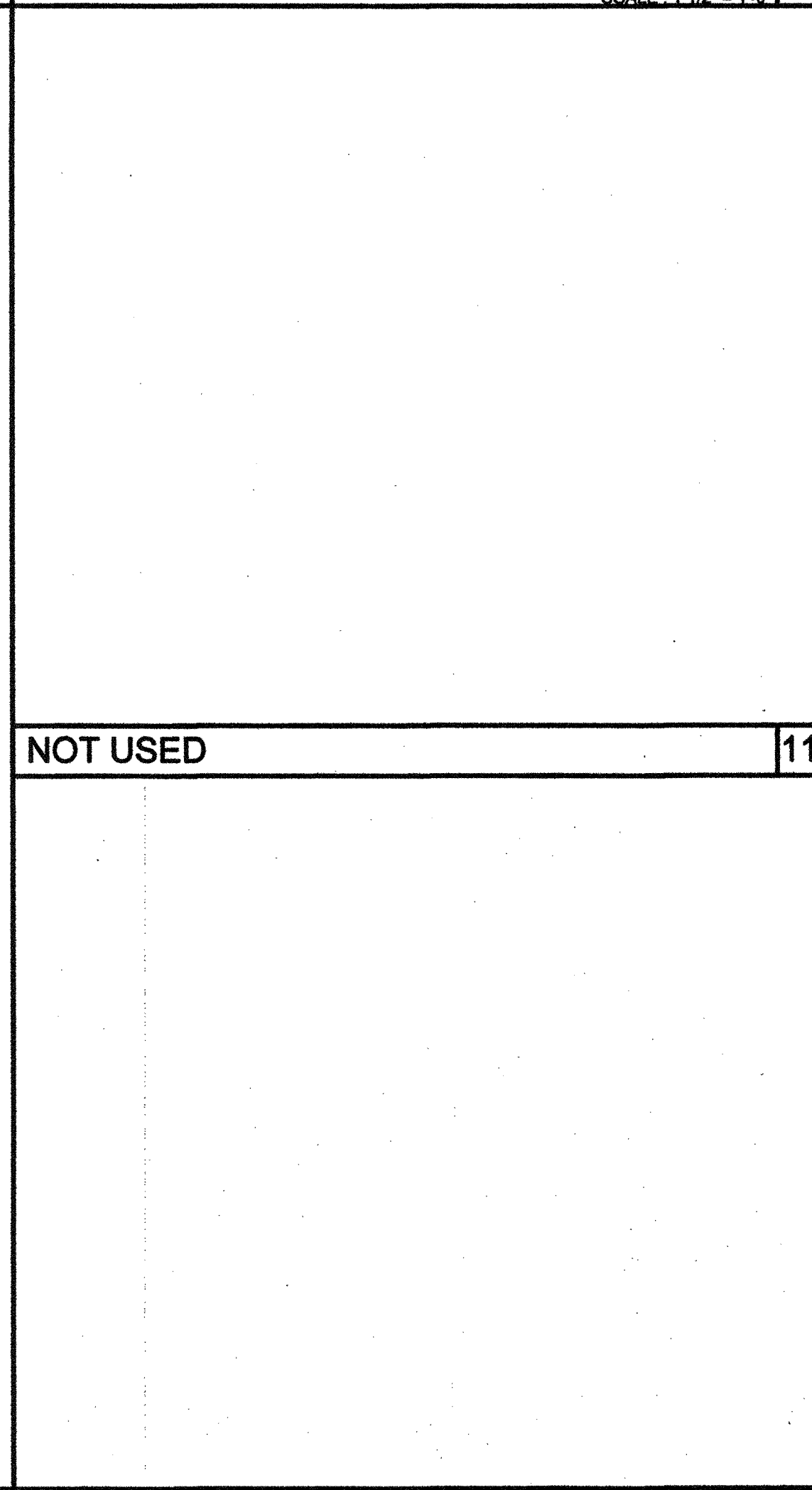
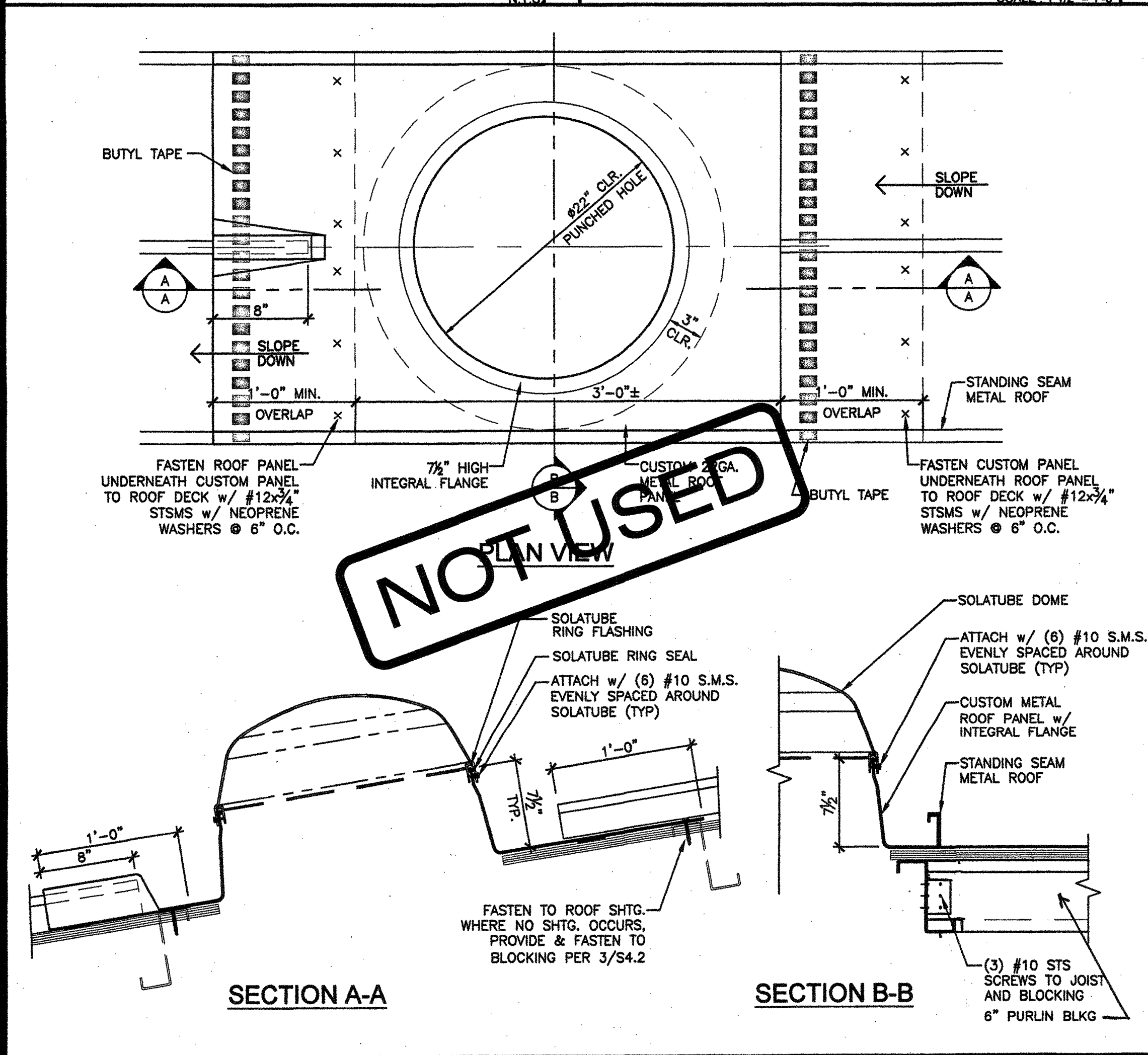
HVAC UNIT PIPING N.T.S.

PIPING DETAIL SCALE: 1/12" = 1'-0"

SOLATUBE SECTION (ALT. CLIP) SCALE: 1/12" = 1'-0"

GYPSUM BOARD CEILING DETAIL - OPTIONAL SCALE: 1/12" = 1'-0"

GYPSUM BOARD CEILING DETAIL - OPTIONAL SCALE: 1/12" = 1'-0"



OPTIONAL SOLATUBE DETAILS SCALE: 1/12" = 1'-0"

NOT USED

NOT USED

DETAIL w/ WOOD STUD - OPTION

DETAIL w/ STEEL STUD - OPTION

SCALE: 1/12" = 1'-0"

- CEILING GRID SYSTEMS IN SEISMIC ZONES D, E, F, MUST BE RATED "HEAVY DUTY", AS DEFINED BY ASTM C635. PROVIDE GRID COMPONENTS AS SPECIFIED IN TABLE A BELOW, OR APPROVED EQUAL. GRID METAL FRAMING PIECES SHALL BE DESIGNED TO CARRY A MEAN ULTIMATE TEST LOAD OF NOT LESS THAN 180 LBS. IN COMPRESSION AND TENSION, PER ASTM E580.
- SUSPENSION WIRE SHALL BE CLASS 1 ZINC-COATED (GALVANIZED) CARBON STEEL CONFORMING TO ASTM A641. WIRE SHALL BE #12 GAGE WITH SOFT TEMPER AND A MINIMUM TENSILE STRENGTH OF 70 KSI.
- WHEN HANGER AND BRACING WIRES ARE ATTACHED TO CONCRETE ABOVE, TESTS PER D.S.A. IR 25-2.13 SECTION 6.8 MUST BE PERFORMED. POWER ACTUATED FASTENERS IN CONCRETE ARE NOT ALLOWED FOR BRACING WIRE.
- 12 GA. (MINIMUM) HANGER WIRES MAY BE USED FOR UP TO AND INCLUDING 4'-0" x 4'-0" GRID SPACING. ATTACH TO MAIN RUNNER. SPLICES WILL NOT BE PERMITTED IN ANY HANGER WIRES UNLESS SPECIFICALLY APPROVED BY D.S.A.
- PROVIDE 12 GA. HANGER WIRES WITHIN 8" OF THE ENDS OF ALL MAIN AND CROSS RUNNERS OR AT 1/4 OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS, AT THE PERIMETER OF THE CEILING AREA.
- PROVIDE TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO MAINTAIN HANGER SPACING. PROVIDE ADDITIONAL HANGERS, STRUTS OR BRACES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS OR DISCONTINUOUS AREAS. HANGER WIRES THAT ARE MORE THAN 1:6 OUT OF PLUMB ARE TO HAVE COUNTER-BRACED WIRES.
- CEILING GRID MEMBERS SHALL BE ATTACHED TO TWO (2) ADJACENT WALLS. CEILING GRID MEMBERS SHOULD BE AT LEAST 3/4 INCH CLEAR OF OTHER WALLS. IF WALLS RUN DIAGONALLY TO CEILING GRID SYSTEM RUNNERS, ONE END OF MAIN AND CROSS RUNNERS SHOULD BE FREE AND A MINIMUM OF 3/4 INCH CLEAR OF WALL.
- PERIMETER SUPPORT ANGLES SHALL BE AT LEAST 2 INCHES WIDE, OR USE PROPRIETARY ANGLES & SEISMIC CLIPS THAT HAVE A VALID EVALUATION REPORT.
- AT THE PERIMETER OF THE CEILING AREA WHERE MAIN OR CROSS RUNNERS ARE NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERCONNECTION BETWEEN THE RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADING. A METAL STRUT OR A 16 GA. WIRE WITH A POSITIVE MECHANICAL CONNECTION TO THE RUNNERS MAY BE USED. WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNERS IS 8" OR LESS, THIS INTERLOCK IS NOT REQUIRED.
- CEILING AREAS EXCEEDING 2,500 SQUARE FEET SHALL HAVE A SEISMIC SEPARATION JOINT.
- EXPANSION JOINTS SHALL BE PROVIDED AT INTERSECTIONS OF CORRIDORS, LOBBIES AND OTHER SIMILAR AREAS.
- PENETRATIONS THROUGH THE CEILING, SUCH AS FIRE SPRINKLERS, SHALL HAVE A 2 INCH OVERSIZED RING, SLEEVE OR ADAPTER TO ALLOW FREE MOVEMENT INDEPENDENT OF THE CEILING. ALTERNATE: A FLEXIBLE SPRINKLER FITTING THAT ALLOWS 1 INCH OF MOVEMENT CAN BE USED.
- LATERAL FORCE BRACING IS REQUIRED FOR ALL CEILINGS, EXCEPT CEILING AREAS OF 144 SQUARE FEET OR LESS WITH PERIMETER WALLS THAT ARE DESIGNED TO CARRY THE CEILING LATERAL FORCES. SPACING OF BRACING ASSEMBLIES MUST BE SHOWN ON THE PLANS.
- LATERAL FORCE BRACING CONSISTS OF A SET OF 1 COMPRESSION STRUT AND FOUR #12 GA. SPLAYED BRACING WIRES, ORIENTED 90 DEGREES FROM EACH OTHER AT THE FOLLOWING SPACING:
 - FOR SCHOOL BUILDINGS, PLACE SETS OF SPLAY WIRES AT A SPACING NOT MORE THAN 8' FEET BY 12 FEET ON CENTER.
 - PROVIDE SPLAY WIRES AT LOCATIONS NOT MORE THAN 1/2 THE ABOVE SPACING FROM EACH PERIMETER WALL OR AT THE EDGE OF VERTICAL CEILING OFFSETS. THE SLOPE OF THESE WIRES SHOULD NOT EXCEED 45 DEGREES FROM THE PLANE OF THE CEILING AND SHOULD BE TAUT WITHOUT CAUSING THE CEILING TO LIFT. SPLICES IN BRACING WIRES ARE NOT PERMITTED WITHOUT SPECIAL D.S.A. APPROVAL.
- COMPRESSION STRUTS SHALL BE ABLE TO RESIST THE VERTICAL PULL INDUCED BY BRACING WIRES, AND SHALL NOT BE MORE THAN 1:6 OUT OF PLUMB.
- FASTEN HANGER WIRES WITH NOT LESS THAN 3 TIGHT TURNS WITHIN A DISTANCE OF 3 INCHES. FASTEN SPLAY WIRES WITH 4 TIGHT TURNS WITHIN A DISTANCE OF 1-1/2 INCHES. HANGER OR BRACING WIRE ANCHORS TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE WIRE ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE FORCES ACTING ON THE WIRE.
- SEPARATE ALL CEILING HANGING AND BRACING WIRES AT LEAST 6 INCHES FROM ALL UNBRACED DUCTS, PIPES, CONDUIT ETC.
- ATTACH ALL LIGHT FIXTURES AND AIR TERMINALS TO THE CEILING GRID RUNNERS WITH SCREWS OR APPROVED FASTENERS AS REQUIRED TO RESIST A HORIZONTAL FORCE EQUAL TO THE FIXTURES' WEIGHT. MINIMUM OF TWO ATTACHMENTS ARE REQUIRED AT EACH LIGHT FIXTURE.
- FLUSH OR RECESSED LIGHT FIXTURES AND AIR TERMINALS WEIGHING LESS THAN 56 POUNDS MAY BE SUPPORTED DIRECTLY ON THE RUNNERS OF A HEAVY DUTY GRID SYSTEM, BUT THEY MUST HAVE A MINIMUM OF TWO #12 GA. SLACK SAFETY WIRES ATTACHED AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE. FIXTURES WEIGHING LESS THAN 10 POUNDS MAY HAVE AT LEAST ONE #12 GA. SLACK SAFETY WIRE.
- LIGHT FIXTURES AND OTHER CEILING DEVICES WEIGHING MORE THAN 56 POUNDS SHALL BE INDEPENDENTLY SUPPORTED BY NO LESS THAN FOUR (4) TAUT #12 GAGE WIRES, ATTACHED TO THE STRUCTURE ABOVE. WIRES MUST BE ABLE TO SUPPORT FOUR (4) TIMES THE WEIGHT OF THE UNIT.
- ALL LIGHT-WEIGHT MISCELLANEOUS DEVICES, SUCH AS STROBE LIGHTS, SPEAKERS, ETC., SHALL BE ATTACHED TO THE CEILING GRID PER SECTION 7.3.1 OF D.S.A. IR 25-2.13. IN ADDITION, DEVICES WEIGHING MORE THAN 10 LBS SHALL HAVE A #12 SLACK SAFETY WIRE ANCHORED TO THE STRUCTURE ABOVE PER SECTION 7.2.2 OF D.S.A. IR 25-2.13. DEVICES WEIGHING MORE THAN 20 LBS. SHALL BE SUPPORTED FROM THE STRUCTURE ABOVE PER SECTION 7.3.4 OF D.S.A. IR 25-2.13.
- PANELS THAT WEIGH MORE THAN 0.5 LBS./SQ.FT. (PSF), OTHER THAN MINERAL FIBER ACOUSTIC TILES, SHALL BE POSITIVELY ATTACHED TO CEILING SUSPENSION RUNNERS.
- ACOUSTICAL PANELS SHALL BE 5/8" MINIMUM THICK, MINERAL FIBERBOARD OR VINYL-FACED FIBERGLASS, LAY-IN PANELS, SQUARE EDGE, ASTM FLAME SPREAD CLASS T, 24"x48" MODULAR SIZE, LIGHT REFLECTION 75% MINIMUM, NOISE REDUCTION COEFFICIENT OF 0.65 MINIMUM, MAXIMUM SMOKE DENSITY NOT TO EXCEED 450. FLAME SPREAD RATING MAXIMUM OF 200. PANELS ARE NOT ALLOWED TO SUPPORT ANY FIXTURE, TERMINAL OR DEVICE.

TABLE A - HEAVY DUTY GRID COMPONENTS

MANUFACTURER	MAIN TEE	H.D. 4" CROSS TEE	H.D. 2" CROSS TEE	RUNNER SPLICE DETAIL
DONN/USG	DX-26	DX-424	DX-216	N/A
ARMSTRONG	7301	XL7341	XL8320	N/A
CHICAGO/ROCKFON	200.01	1274.01	1202.01	N/A

NOTE: ALL GRID COMPONENTS SHALL BE BY THE SAME MANUFACTURER.

METAL SUSPENSION SYSTEMS FOR LAY IN PANEL CEILING

BARD WALL HUNG

HVAC CFM CHART

MODEL #	DESCRIPTION	MAX. CFM	UNIT WEIGHT (LBS.)	EER	COP	CLIMATE ZONE(S)
S43H1-A	3-1/2 TON HEAT PUMP	1250	550	10.5	3.2	1-16
S43H1-A	1 TON HEAT PUMP	1100	500	10.5	3.2	1-16
S43H1-A	5 TON HEAT PUMP	1400	600	10.5	3.2	1-16

BARD Q-TEC

HVAC CFM CHART

MODEL #	DESCRIPTION	MAX. CFM	UNIT WEIGHT (LBS.)	EER	COP	CLIMATE ZONE(S)
Q42H2-4	3-1/2 TON HEAT PUMP	1200	575	9.0	3.0	1-16
Q48H2-4	4 TON HEAT PUMP	1400	600	9.0	3.0	1-16
Q48H2-4	5 TON HEAT PUMP	1550	600	9.0	3.0	1-16

CARRIER ROOF MOUNT

HVAC CFM CHART

MODEL #	DESCRIPTION	MAX. CFM	UNIT WEIGHT (LBS.)	EER	COP	CLIMATE ZONE(S)
50VT-A42	3-1/2 TON HEAT PUMP	1100	475	14		1-16
50VT-A48	4 TON HEAT PUMP	1600	460	14		1-16
50VT-A48	5 TON HEAT PUMP	1750	515	14		1-16

CARRIER SPLIT DX SYSTEM

HVAC CFM CHART

MODEL #	DESCRIPTION	AIR HANDLER MODEL #	MAX. CFM	AIR HANDLER UNIT WEIGHT (LBS.)	EXTERIOR UNIT WEIGHT (LBS.)	SEER	CLIMATE ZONE(S)
25HBB4-42	3-1/2 TON HEAT PUMP	FX4CN0420	3810	170	246	14	1-16
25HBB4-48	4 TON HEAT PUMP	FX4CN0480	4046	170	276	14	1-16
25HBB4-60	5 TON HEAT PUMP	FX4CN0600	4046	198	279	14	1-16

HVAC SCHEDULE

BUILDING SIZE	# OF HVAC		
	3/2 TON HVAC	4 TON HVAC	5 TON HVAC
<input checked="" type="checkbox"/> 24' x 40'	1		
<input type="checkbox"/> 36' x 40'		1	
<input type="checkbox"/> 48' x 40'	2		
<input type="checkbox"/> 60' x 40'		2	
<input type="checkbox"/> 72' x 40'	3		2
<input type="checkbox"/> 84' x 40'		3	
<input type="checkbox"/> 96' x 40'	4		3
<input type="checkbox"/> 108' x 40'		4	
<input type="checkbox"/> 120' x 40'	5		

INSULATION SCHEDULE

ZONE	WALL	ROOFS		FLOORS (NON-CONCRETE)	CONCRETE FLOORS
		BATTS	OTHER		
1-14, & 15	*R-13	**R-19	***R-1	R-13	-
16	*R-13	**R-19	***R-1	R-13	-

*R-5 RIGID INSULATION TO BE USED OVER METAL FRAMED WALLS
 **R-19 w/ 22 GA WIRE @ 16" O.C.
 ***R-1 MAY BE ACHIEVED w/ POLYSTYRENE OR INSULATION TAPE APPLIED TO TOP FLANGE OF PURLINS, OR EQUAL.

HVAC SCHEDULES

HEATING VENTILATING AND AIR CONDITIONING (HVAC)

- HEAT PUMP: SINGLE PACKAGE WALL-MOUNTED AIR-TO-AIR ELECTRIC HEAT PUMP UNIT SHALL BE RATED IN ACCORDANCE WITH A.R.I. STANDARD 240-77. MAXIMUM AC SIZE FOR THIS BUILDING WILL BE A 5-TON UNIT. ALL UNITS SHALL BE 230/208 VOLT, 1 PHASE SYSTEM, UL TESTED & APPROVED OR COMPARABLE, AND MEET CURRENT ENERGY STANDARDS.
 - THE SYSTEM SHALL MAINTAIN AN AUTOMATICALLY CONTROLLED INDOOR CLASSROOM TEMPERATURE OF 78 DEGREES F. WHEN THE OUTDOOR DRY BULB TEMPERATURE VARIES BETWEEN 100 DEGREES F. IN THE SUMMER.
 - THE SYSTEM MUST MAINTAIN THE ABOVE TEMPERATURE WHEN THE DAMPER IS ADJUSTED TO USE APPROXIMATELY ONE-THIRD FRESH AIR.
- DUCTWORK
 - CONSTRUCT ALL DUCTWORK OF GALVANIZED SHEET METAL IN ACCORDANCE WITH C.M.C., ASHRAE GUIDE EQUIPMENT VOLUME, AND SMACNA LOW VELOCITY DUCT CONSTRUCTION MANUAL, LATEST EDITIONS. ALL DUCTWORK SHALL BE INSULATED WITH 1" THICK FIBERGLASS DUCT WRAP WITH VAPOR BARRIER. PROVIDE 1" DUCT ATTENUATION AT ALL DUCTWORK WITHIN 2'-0" OF HVAC UNIT.
 - NON-METALLIC DUCTWORK OPTION: IN ACCESSIBLE CONCEALED PORTIONS OF DUCT SYSTEM, RIGID 1" FIBERGLASS OR INSULATED FLEX-DUCT WITH VAPOR BARRIER MAY BE SUBSTITUTED FOR SHEET METAL DUCTWORK. ALL DUCTWORK WITHIN 2'-0" OF THE HVAC UNIT AND ALL INTERFACE CONNECTIONS SHALL BE METAL DUCTWORK AND REINFORCEMENT SHALL BE DESIGNED FOR 2" STATIC PRESSURE. REFERENCE BRANDS: OWENS-CORNING FIBERGLASS DUCTBOARD, 1" THICK, AND MICRO-AIRE TYPE 475. NON-METALLIC DUCTWORK SHALL CONFORM TO NFPA 90-A AND SMACNA CLASS 1 RATING.
- AIR DUCT INSULATION AND LININGS SHALL COMPLY WITH FLAME SPREAD LESS THAN OR EQUAL TO 25, SMOKE GENERATION LESS THAN OR EQUAL TO 50.
- SUPPLY AIR DIFFUSERS SHALL BE 675 CFM MAXIMUM, 12" ROUND. 1" FIBERGLASS OR FLEXDUCT DUCTWORK SPECIFICALLY DESIGNED TO PROVIDE AIR THERMAL COOLING SYSTEMS. 24"x8"x1" MICRO-AIRE TYPE #475 OWENS-CORNING, KNAUF, CERTAINTED, OR EQUAL AND 90-B: UL #131 TEST, CLASS 1 RATING WITH "SMACNA".
- REGISTERS AND DIFFUSERS: PROVIDE THREE (MINIMUM) 4-WAY THROW AIR DIFFUSERS AS MANUFACTURED BY CARNES, TITUS, HART AND COOLEY, METALAIRE, SHOEMAKER, BARBER-COLEMAN OR KRUEGER COMMERCIAL GRADE GRILLS AND REGISTERS.
- AIR CONDITIONING CONTROLS: PROVIDE ELECTRONIC PROGRAMMABLE THERMOSTAT. THERMOSTAT SHALL HAVE THE FOLLOWING FUNCTIONS:
 - 5 AND 2 WEEKDAY/WEEKEND PROGRAMMING DAYS WITH 4 SEPARATE TIME/TEMPERATURE SETTINGS FOR A 24-HOUR PERIOD.
 - KEY BOARD LOCKOUT SWITCH.
 - PROGRAMMABLE DISPLAY.
 - 2-HOUR OVERRIDE MINIMUM.
 - STATUS INDICATED LED'S.
 - BATTERY BACK-UP.
 - PROVIDE LOCKING CLEAR THERMOSTAT COVER WITH THERMOSTAT COVER WITH ACCESS HOLE FOR PROGRAM OVERRIDE. WHITE RODGERS IF92-371. MOUNT TOP OF BOX @ 48" A.F.F. MAX (WHERE SEALED, SETTINGS & ADJUSTMENTS CAN BE DONE BY SERVICE PERSONNEL ONLY).
- THERMAL INSULATION
 - ROOF INSULATION: R-19 WITH 22 GA. WIRE @ 16" O.C. & R-1 TOP OF PURLINS.
 - WALLS INSULATION: R-13 KRAFT FACED. (R-5 INSULATION OVER METAL FRAMED WALLS)
 - NON-CONCRETE FLOORS INSULATION: R-13
 - CONCRETE FLOORS INSULATION: N/A
 - FLAME SPREAD AND SMOKE DEVELOPMENT SHALL CONFORM TO CALIFORNIA BUILDING CODE SEC. 720.
- FACTORY-MADE AIR DUCTS
 - FACTORY-MADE AIR DUCTS SHALL BE APPROVED FOR THE USE INTENDED OR SHALL CONFORM TO THE REQUIREMENTS OF C.M.C. SECTION 601.0.
 - EACH PORTION OF A FACTORY-MADE AIR DUCT SYSTEM SHALL BE IDENTIFIED BY THE MANUFACTURER WITH A LABEL OR OTHER SUITABLE IDENTIFICATION INDICATING COMPLIANCE WITH C.M.C. SECTION 601.0 AND ITS CLASS DESIGNATION. THESE DUCTS SHALL BE LISTED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE TERMS OF THEIR LISTING AND THE REQUIREMENTS OF C.M.C. SECTION 601.0.
 - DUCT SUPPORT FLEX DUCT TO BE SUPPORTED WITH 1-1/2" WIDE x26 GA. GALV. STRAP @ MAX 6'-0" O.C. ATTACH TO RAFTER WITH TWO #8 S.M.S. @ EACH END.
 - SUPPLY AIR PLENUM TO BE SUPPORTED WITH 1-1/2" WIDE x26 GA. GALV. STRAPS MINIMUM 2 PER PLENUM.
 - SUPPLY AIR BOX AND DIFFUSERS TO BE SUPPORTED WITH (2) 12 GA. HANGER WIRES TO BOX @ OPPOSITE CORNERS.
 - SUPPLY AIR BOX AND DIFFUSERS TO BE BRACED WITH (2) 12 GA. SLACK WIRES TO BOX @ OPPOSITE CORNERS. ATTACH SUPPLY AIR DIFFUSERS TO CEILING GRID TO RESIST A LATERAL LOAD EQUAL TO THE WEIGHT OF THE DIFFUSER AND SUPPLY AIR BOX WITH TWO #8 S.M.S.
- FIREBLOCKING SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS:
 - IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES;
 - AT THE CEILING AND FLOOR LEVELS;
 - AND AT 10-FOOT (3048mm) INTERVALS BOTH VERTICAL AND HORIZONTAL. REFERENCE 2013 CBC SECTION 718.
- THE INTERIOR ENVIRONMENT SHALL BE ASSEMBLED WITH PRODUCTS THAT CONTRIBUTE TO A HEALTHY INDOOR AIR QUALITY (IAQ). THE FOLLOWING SHALL COMPLY TITLE 24, PART 11 ("CAL-GREEN"):
 - ADHESIVES, SEALANTS, CAULKS SECTION 5.504.4.1
 - PAINTS, COATINGS SECTION 5.504.4.3
 - AEROSOL PAINTS & COATINGS SECTION 5.504.4.3.1
 - CARPET SYSTEMS SECTION 5.504.4.4
 - CARPET SHALL MEET CRI'S "GREEN LABEL PLUS" PROGRAM, NSF/ANSI '140 GOLD' LEVEL, OR OTHER APPROVED TESTING PER 5.504.4.4.
 - CARPET CUSHION OR PADSECTION 5.504.4.4.1
 - CUSHION/PAD SHALL MEET THE CRI'S "GREEN LABEL" PROGRAM.
 - COMPOSITE WOOD PRODUCTS SECTION 5.504.4.5
 - ALL COMPOSITE WOODS MUST NOT EXCEED THE FORMALDEHYDE LIMITS AS SPECIFIED IN ARB'S "AIR TOXICS CONTROL MEASURE" (17 CCR 93120), OR NON-EXEMPT MATERIALS PER TABLE 5.504.4.5.
 - RESILIENT FLOORING SYSTEMS SECTION 5.504.4.6
 - RESILIENT FLOORING SHALL BE CERTIFIED UNDER THE "FLOORSCORE" PROGRAM BY RFLCI, COMPLY WITH CA-CHPS 01350, OR OTHER APPROVED TESTING PER 5.504.4.6.

HVAC NOTES



MODULAR MANUFACTURER PROPRIETARY STATEMENT
 THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
CEILING & MECHANICAL NOTES, SCHEDULES

MANUFACTURER PROFESSIONAL OF RECORD ON PC

Professional Engineer Seal: **Patrick J. O'Connell**, License No. C12831, State of California, Mechanical Engineering, Exp. 02-17.

Professional Engineer Seal: **Matthew D. P. ...**, License No. 53390, State of California, Mechanical Engineering, Exp. 01-17.

DATE: 05/19/2015

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APPL 01-115705
 DATE: APR 08 2016

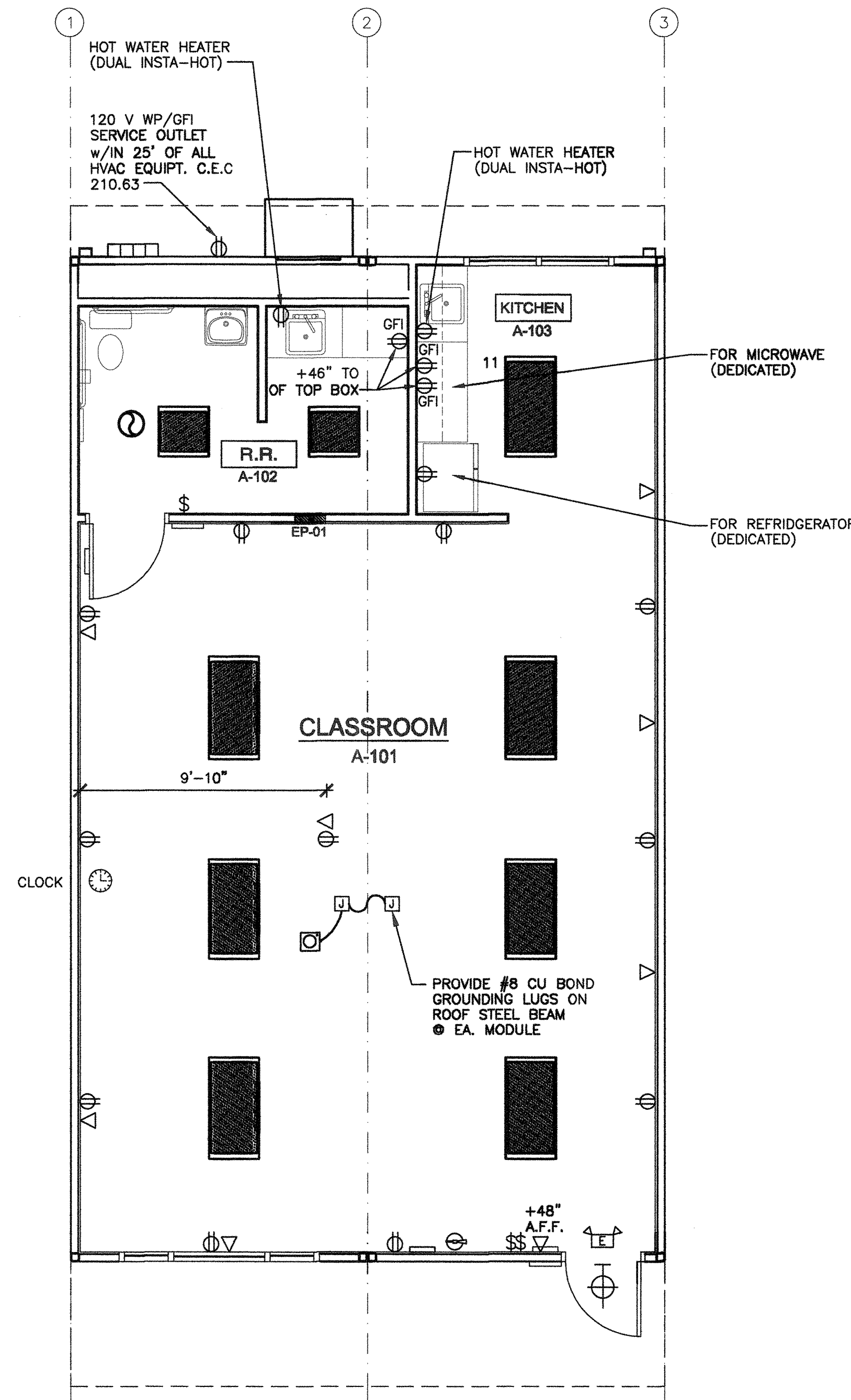
ORIGINAL PC STATE AGENCY APPROVAL
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 CA. DEPT. OF GENERAL SERVICES
 PC 02-113876
 DATE: 6/22/15

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

REVISIONS

DRAWN BY:
 SCALE: AS NOTED
 DATE:

SHEET NUMBER
M1.7



TYPICAL ELECTRICAL PLAN

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

- F.A.: STUB-UP ALL FIRE ALARM JUNCTION BOXES TO ACCESSIBLE ATTIC SPACE WITH 1/2" MIN. GALV. THIN WALL TUBING (EMT). DO NOT CONNECT FIRE ALARM CONDUIT WITH ANY OTHER ELECTRICAL CONDUIT.
- IF OPTIONAL DOOR OCCURS, A PULL STATION J-BOX AND EXIT SIGN ARE REQUIRED. PULL STATIONS ARE REQUIRED AT EVERY EXIT.
- STUB OUT LOCATIONS FOR ELECTRICAL PANEL, FIRE ALARM, AND DATA BOXES SHOWN ARE DIAGRAMMATICAL ONLY. EXACT LOCATIONS MAY VARY +/- SEVERAL FEET. PLEASE CONTACT AMERICAN MODULAR SYSTEMS FOR EXACT LOCATIONS. POINT OF CONNECTION WILL BE AT FACE OF BUILDING.
- SEE TYPICAL CLASSROOM LAYOUT FOR LOCATIONS OF ALL DEVICES. FIXTURE MOUNTING SHALL COMPLY WITH CALIFORNIA SEISMIC REGULATIONS.
- THE LIGHTS FOR EACH ROOM OVER 250' SQ FT SHALL BE CONTROLLED BY ULTRASONIC OCCUPANCY SENSOR--WATT STOPPER W-500A, W-1000A, OR W-2000A (OR EQUAL) BASED ON THE ROOM SIZE, IN CONJUNCTION WITH BI-LEVEL SWITCHING.

NOTES

- THE PROJECT ARCHITECT SHALL BE RESPONSIBLE FOR THE PLACEMENT OF HEAT, SMOKE DETECTORS, EVACS AND PULL STATIONS AND COMPLETE FIRE ALARM SYSTEM WHEN THE SITE SPECIFIC PROJECT IS REQUIRED TO MEET THE PROVISIONS OF SB 575 & CBC 907.2.3.
- AT ANY SPACE REQUIRING 2 OR MORE EXITS PROVIDE EXIT SIGNS (CBC 1011) AND EMERGENCY EXIT ILLUMINATION (CBC 1006).
- ANY MONITORING EQUIPMENT OR ASSOCIATED SENSORS ARE SITE SPECIFIC AND ARE NOT INCLUDED IN THIS BASE PC.
- LIGHTING FIXTURES MAY BE INSTALLED ROTATED 90° FROM SHOWN TO MATCH T-BAR GRID LAYOUT.

- INCANDESCENT WALL MOUNTED INTERIOR LIGHT FIXTURE
- ⊕ UNCONTROLLED-DUPLEX WALL CONVENIENCE OUTLET - MOUNT @ +18" A.F.F. TO CENTERLINE - U.O.N.
- ⊕ CONTROLLED-DUPLEX WALL CONVENIENCE OUTLET - MOUNT @ +18" A.F.F. TO CENTERLINE - U.O.N. TO BE CONTROLLED BY OCCUPANCY SENSOR.
- ⊕ COMBO-DUPLEX WALL CONVENIENCE OUTLET - MOUNT @ +18" A.F.F. TO CENTERLINE - U.O.N.
- ⊕ FOURPLEX WALL OUTLET - MOUNT @ +18" A.F.F. TO CENTERLINE - U.O.N.
- W.P. GFCI WEATHER PROOF GROUND FAULT CIRCUIT INTERRUPT OUTLET - MOUNT @ 18" A.F.F. TO CENTERLINE - U.O.N.
- GFCI GROUND FAULT CIRCUIT INTERRUPT OUTLET - MOUNT @ 18" A.F.F. TO CENTERLINE - U.O.N.
- ⊕ SINGLE POLE SOLA TUBE SWITCH - MOUNT @ +48" A.F.F. MAX TO TOP OF BOX.
- ⊕ CONTROLLED-SINGLE POLE LIGHT SWITCHES - MOUNT @ +48" A.F.F. MAX TO TOP OF BOX - HUBBELL PREMIUM, BRYANT HEAVY DUTY, OR LEVITON SPECIFICATIONS GRADE.
- ⊕ ELECTRICAL CROSSOVER - J-BOXES - ABOVE CEILING - #1-4"x1", #22 4"x2"
- ⊕ CLOCK / SPEAKER COMBO - MOUNT @ +90" A.F.F. TO CENTERLINE - U.O.N. - DEVICE BY OTHERS
- ⊕ SWITCH SUBSCRIPTS - a=DEVICE CONTROLLED.
- ⊕ JUNCTION BOX - SIZE / LOCATION A.F.F. / TYPE AS NOTED
- ⊕ SPEAKER - OUTLET ONLY - 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - MOUNT @ +84" A.F.F. TO CENTERLINE - DEVICE BY OTHERS
- △ DATA / COMMUNICATION - OUTLET ONLY - 4" SQ BOX w/ SINGLE DEVICE RING AND COVER - MOUNT @ +18" A.F.F. TO CENTERLINE, U.O.N., AND PROVIDE A 3/4" CONDUIT / STUBBED ABOVE CEILING - DEVICE BY OTHERS
- ▲ INTERCOM / TELEPHONE - OUTLET ONLY - 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - MOUNT TOP OF BOX @ +48" A.F.F. U.O.N. AND PROVIDE A 3/4" CONDUIT / STUBBED ABOVE CEILING - DEVICE BY OTHERS
- ⊕ MOTION SENSOR OUTLET - PROVIDE (1) 4" SQ. BOX w/ SINGLE DEVICE RING AND COVER AND ONE 3/4" CONDUIT / STUBBED ABOVE CEILING
- ⊕ SECURITY / INTRUSION KEY PAD - OUTLET ONLY - 4" SQ. BOX w/ SINGLE DEVICE RING AND COVER, MOUNT TOP OF BOX @ +48" A.F.F., AND ONE 3/4" CONDUIT / STUBBED ABOVE CEILING - DEVICE BY OTHERS
- ⊕ DOOR CONTACT - PROVIDE (1) EMPTY 1/2" DIA EMT THROUGH DOOR HEADER - STUBBED ABOVE CEILING - DEVICE BY OTHERS
- CATV CATV OUTLET - OUTLET ONLY - PROVIDE (1) 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - (1) 3/4" DIA CONDUIT - STUBBED ABOVE CEILING - DEVICES BY OTHERS
- ⊕ FIRE ALARM PULL STATION - OUTLET ONLY - PROVIDE (1) 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - TOP OF OPERATING HANDLE MOUNTED BETWEEN +42" TO +48" A.F.F. - DEVICE BY OTHERS
- ⊕ FIRE ALARM HORN - OUTLET ONLY - 4" SQ. SINGLE GANG J-BOX WITH BLANK WEATHERPROOF COVER - MOUNTED +90" A.F.F. TO CENTERLINE - DEVICE BY OTHERS
- ⊕ VISUAL FIRE ALARM ALARM - OUTLET ONLY - 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - MOUNT SO THAT LENS IS BETWEEN 80"-96" A.F.F. (CEILING MOUNT PER NFPA72 TABLE 6-4.4.1(b)) - DEVICE BY OTHERS.
- ⊕ MINI HORN BOX - OUTLET ONLY - SINGLE DEVICE RING AND COVER - MOUNTED +80" A.F.F. TO CENTERLINE BUT NO GREATER THAN +96" - DEVICE BY OTHERS
- ⊕ THERMOSTAT - TOP OF BOX MOUNTED @ +48" A.F.F.
- ⊕ ULTRASONIC OCCUPANCY SENSOR - MOUNTED TO FINISH CEILING
- ⊕ ELECTRICAL PANEL - MOUNTED FLUSH WITH WALL FINISH U.O.N.
- 2'x4' LED DROP IN FIXTURE, MODEL: LITHONIA VTLSD 4000K SP41 - 40 WATTS MAX (60 WATTS ALLOWABLE AT CZN 16) OR EQUAL
- 24 HOUR EMERGENCY LIGHTING WITH BATTERY BACK-UP - WHERE TWO OR MORE EXITS ARE REQUIRED
- ⊕ EMERGENCY EXIT LIGHT - WHERE TWO OR MORE EXITS ARE REQUIRED OPTIONAL
- ⊕ INCANDESCENT EXTERIOR LIGHT FIXTURE @ EACH DOOR



MODULAR MANUFACTURER PROPRIETARY STATEMENT
 THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME

24' x 40' BUILDING

SITE SPECIFIC PROJECT NAME
 SANTA CLARA COUNTY OF EDUCATION
 SANTA TERESA ELEMENTARY

SHEET TITLE

TYPICAL ELECTRICAL PLAN

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APPL 01-115705
 ACS DATE: 10/12/15

ORIGINAL PC STATE AGENCY APPROVAL

BASED ON PC# 02-113876
 PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS

DRAWN BY: AB
 SCALE: AS NOTED
 DATE: 10/12/15
 SHEET NUMBER

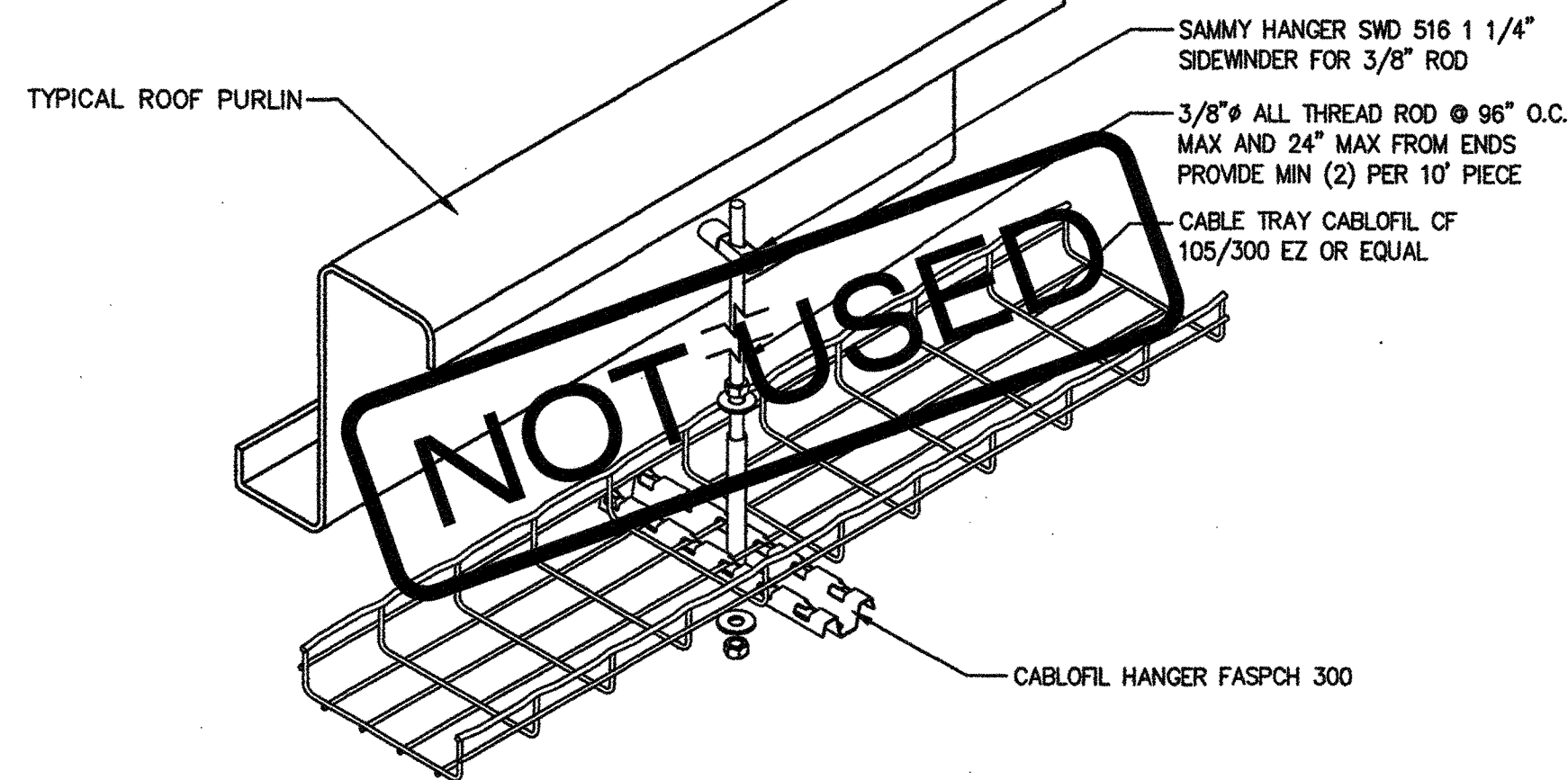
E1.0

NOT USED

2 NOT USED

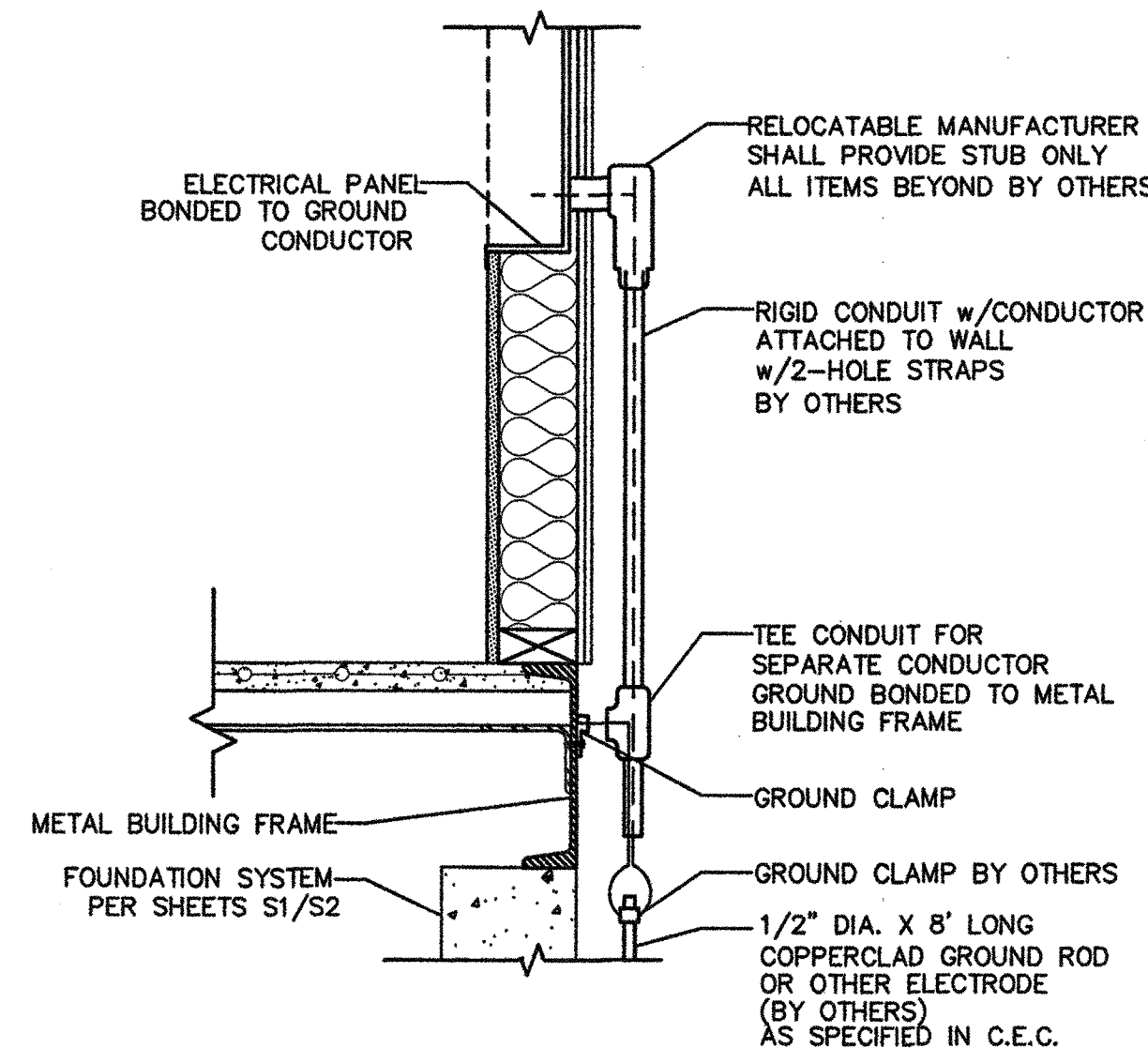
3 GENERAL NOTES

ELECTRICAL SYMBOLS



CABLE TRAY DETAIL

SCALE: N.T.S. 1



SIZE OF CONDUCTORS SHALL COMPLY W/CEC.A BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL & METAL BUILDING FRAME (CEC). IN ADDITION TO THE DETAIL SHOWN ABOVE, BOND THE ELECTRICAL GROUND TO METAL WATER PIPE EMBEDDED AT LEAST 10' INTO THE SOIL IF AVAILABLE (CEC). ELECTRICAL BOND MODULES TOGETHER W/#8 CU @ MODLINE, BY MANUFACTURER. CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS (CEC) AS REQUIRED, GROUNDING DETAIL PER DSA IR E-1. INSPECTOR TO WITNESS GROUNDING TEST.

NOT USED

2 GROUNDING DETAIL

SCALE: 1-1/2" = 1'-0" 3

PANEL: A S/N:	PHASE: SINGLE	VOLTS: 120/240	BUSS: 150 AMP	MAIN: 150		LOCATION: INTERIOR		FEED: BOTTOM		MOUNTING: SURFACE					
				WIRE	LEG	WIRE	LEG	WIRE	LEG	WIRE	LEG				
OBJECT DESCRIPTION	WATT/NO. PER OF	LCL	WATTS	BRK	POLE	SIZE	NO	SIZE	POLE	BRK	WATTS	LCL	NO	WATT/NO. PER OF	OBJECT DESCRIPTION
3.5 TON A/C	6160	1	x	6160	70	2	#6	1	X	2	#12	1	20	1500	MICROWAVE
3.5 TON A/C	6160	1	x	6160	70	2	#6	3	X	4	#12	1	20	1500	REFRIGERATOR
INT GFCI	180	2		360	30	2	#6	5	X	6	#12	2	20	1500	INSTA-HOT
EXT GFCI	180	1		180	7	1	#6	7	X	8	#12	1	7	1500	INSTA-HOT
INT 2x4 LIGHTS	39	2	x	78	20	1	#12	9	X	10	#12	1	20	540	RECEPTS
EXT LIGHT	45	7	x	315	20	1	#12	11	X	12	#12	1	20	720	RECEPTS
EXIT LIGHT	30	1		30	20	1	#12	13	X	14	#12	1	20	720	RECEPTS
INSTA-HOT	11	1		11	20	1	#12	15	X	16	#12	1	20	144	EXHAUST FAN
INSTA-HOT	4000	1		4000	17	X	18								
					19	X	20								
					21	X	22								
					23	X	24								
					25	X	26								
					27	X	28								
					29	X	30								
					31	X	32								
					33	X	34								
					35	X	36								
					37	X	38								
					39	X	40								
					41	X	42								
LEG TOTALS			10628	10666							4260	3864	LEG TOTALS		
LCL-3553.25+29418-32971.25						LEG BALANCE = 1.2%						TOTAL AMPS: 137.38			
TOTAL WATTS=32971.25															

LOAD PANEL LAYOUT

* NOTE:
FIRE ALARM DEDICATED CIRCUIT SHALL BE IDENTIFIED WITH A RED MARKED DISCONNECT WITH LOCK-ON CAPABILITY (NFPA 72 10.6.5.2)

FIRE ALARM SYSTEM

- THE FIRE ALARM SYSTEM SHALL CONFORM TO THE CALIFORNIA ELECTRICAL CODE, CALIFORNIA FIRE CODE AND THE CALIFORNIA BUILDING CODE.
- INSTALLATION OF THE FIRE ALARM SYSTEM SHALL NOT BE STARTED UNTIL DETAILED PLANS AND SPECIFICATIONS, INCLUDING CALIFORNIA STATE FIRE MARSHAL LISTINGS FOR EACH COMPONENT OF THE SYSTEM HAVE BEEN APPROVED BY DSA.
- UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE ENFORCING AGENCY.
- JUNCTION BOXES - GALVANIZED SHEET METAL, SQUARE OR RECTANGULAR WITH BLANK COVERS. LOCATE ONE BOX AT REAR OF BUILDING NEAR MAIN ELECTRICAL PANEL @ +18" ABOVE FINISH FLOOR FOR FUTURE CONNECTION.
- COVERS- INSTALL GASKETED, METAL, WATERPROOF, FINISH COVERS AT EXTERIOR LOCATIONS. INSTALL FINISH COVERS AT INTERIOR LOCATIONS.
- THE AUTOMATIC ALARM SYSTEM SHALL BE INSTALLED, TESTED, AND MAINTAINED IN ACCORDANCE WITH THE STATE FIRE MARSHALL'S REGULATIONS (CBC SEC. 907.2.3) AND THE 2013 EDITION OF NFPA 72.
- THE LOCATION OF AUTOMATIC DETECTORS, MANUAL STATIONS AND OTHER FIRE ALARM EQUIPMENT AND DEVICES, AS SHOWN ON PLAN, ARE FOR REFERENCE ONLY AND DO NOT CONSTITUTE SHOP DRAWINGS WHICH ARE REQUIRED FOR REVIEW AND APPROVAL.
- ALARM-INDICATING DEVICES OF A FIRE ALARM SYSTEM INTENDED TO ALERT ALL OCCUPANTS SHALL CAUSE A LEVEL OF AUDIBILITY OF NOT LESS THAN 15 dBA ABOVE THE AVERAGE AMBIENT NOISE LEVELS OR 5dBA ABOVE THE MAXIMUM SOUND LEVEL HAVING A DURATION OF 60 SECONDS WHICH-EVER IS GREATER, MEASURED 5' ABOVE THE FLOOR. AMBIENT NOISE LEVELS MEANS THE LEVEL WHICH CAN NORMALLY BE EXPECTED WHEN THE FACILITY, BUILDING, ROOM, OR AREA IS FUNCTIONING UNDER NORMAL OPERATING OR WORKING CONDITIONS (NFPA 72, SEC. 18.4.1)
- THE ALARM SYSTEM SHALL ACTIVATE A MEANS OF WARNING THE HEARING IMPAIRED. FLASHING VISUAL WARNINGS SHALL HAVE A FLASH RATE NOT EXCEEDING TWO FLASHES PER SECOND (2 HZ) NOR BE LESS THAN ONE FLASH EVERY SECOND (1 HZ). STROBE SIGNALING DEVICES FOR THE HEARING IMPAIRED SHALL BE STATE FIRE MARSHALL APPROVED AND LISTED (NFPA 72, SEC. 18.5.3)
- AUTOMATIC FIRE ALARM SYSTEM SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72 CHAPTER 28 AS AMENDED BY ARTICLE 91. THE SUPERVISING STATION SHALL BE LISTED AS EITHER UJFX OR UJUS BY UNDERWRITERS LABORATORY OR SHALL MEET THE REQUIREMENTS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011. SUPERVISION OF SYSTEM AND LEASED TELEPHONE LINES SHALL, BY ARRANGED BY OWNER. IF TESTING RESULTS DETERMINE FIRE ALARM AUDIBILITY DOES NOT MEET 10db OVER AMBIENT NOISE LEVELS, ADDITIONAL FIRE ALARM SIGNALING DEVICES MAY BE REQUIRED BY THE ENFORCING AGENCY.

GENERAL NOTES

- GROUNDING ELECTRODE CONDUCTOR SIZED PER CEC.
- PROVIDE BONDS TO BLDG. STEEL & PANEL (#8 CU)
- PANEL TO LISTED FOR USE AS SERVICE EQUIPMENT.

FIXTURE NOTES:

- ALL FLUORESCENT LIGHT FIXTURES SHALL HAVE ENERGY SAVING LAMPS AND BALLASTS.
- LUMINATES/BALLASTS SHALL BE CERTIFIED PER CALIFORNIA BUILDING CODE, TITLE 24.
- FLUORESCENT LIGHT FIXTURE TYPE "A" SHALL BE CONTROLLED TO PROVIDE TWO LEVELS OF LIGHTING. SWITCH (SA) SHALL CONTROL THE TWO OUTER LAMPS AND SWITCH (SB) SHALL CONTROL THE TWO INNER LAMPS. ELECTRICAL
 - ELECTRICAL SERVICE DROP AND CONNECTIONS SUPPLIED BY OTHERS.
 - MANUFACTURER TO PROVIDE STUB-OUT FROM BACK OF ELECTRICAL PANEL THROUGH THE EXTERIOR WALL OR TO BELOW FLOOR FOR RECEIVING EITHER UNDERGROUND OR OVERHEAD SERVICE & FITTING FOR GROUNDING CABLE.
 - ELECTRICAL PANEL BOARD SHALL BE RECESS MOUNTED INSIDE THE BUILDING. SIZED TO ACCOMMODATE ALL CONNECTED LOADS INCLUDING SPACES AS SHOWN. OVERCURRENT PROTECTIVE DEVICES IN THE PANEL BOARDS HAVE ADEQUATE SHORT CIRCUIT INTERRUPTING CAPACITY. ALL BUSES INCLUDING BUS SHALL BE COPPER OR ALUMINUM.
 - 2X4 FLUORESCENT FIXTURES SHALL BE STEEL FRAME, LENS SHALL BE HINGED AND LOCKED IN PLACE BY TWO LOCKING DEVICES. THE LENS DIFFUSERS SHALL BE KHS, INC. #KSH-2, CAROLITE, INC. #C-12 OR PLASKOLITE, INC. #PL21A. MINIMUM LENS THICKNESS SHALL BE .125 INCH.
 - FLUORESCENT BALLAST SHALL BE ENERGY SAVER WHILE MAINTAINING FULL LIGHT OUTPUT, CLASS "P" EQUIPPED WITH THERMAL PROTECTORS, GUARANTEED AGAINST FAILURE FOR (2) YEARS AND BE REPLACED FROM INSIDE THE FIXTURE.
 - CLOCK - 12" DIAL CLOCK ON CLOCK OUTLET.
 - CLOCK SHALL BE GENERAL ELECTRIC MODEL 2912 129V 60 CYCLE
 - CLOCK OUTLET SHALL BE BRYANT #2828 OR EQUAL WITH SEPARABLE HANGING CLIP & APP'D RECEPT. THE H.V.A.C. UNIT FEEDER CIRCUIT - PANEL CIRCUIT BREAKER, FEEDER WIRE, UNIT DISCONNECT AND FUSES (WHERE USED) - IS TO BE COORDINATED WITH THE NAME PLATE DATA AT THE TIME OF MANUFACTURE. H.V.A.C. UNITS HAVING KVA RATINGS LARGER THAN THAT INDICATED ON THIS PANEL SCHEDULE WILL NOT BE ALLOWED TO BE INSTALLED ON THIS BUILDING, IF 60 DEGREE'S
 - WIRE IS TO BE USED IN THIS INSTALLATION, CALCULATIONS DEMONSTRATING AMPACITY BE PROVIDED ON THE DRAWING.

GENERAL NOTES



MODULAR MANUFACTURER PROPRIETARY STATEMENT

THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME

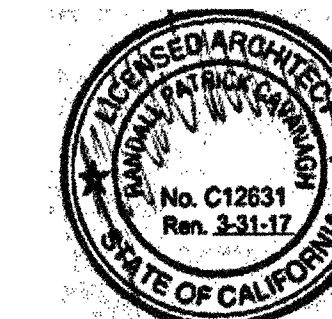
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE

ELECTRICAL NOTES
PANEL LAYOUT
DETAILS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01-115705

ACS: ELS SSS
DATE: APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CA. DEPT. OF GENERAL SERVICES

PC 02-113876

DATE: 6/22/15

PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC

A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS



DRAWN BY:

SCALE: AS NOTED

DATE:

SHEET NUMBER

E1.2

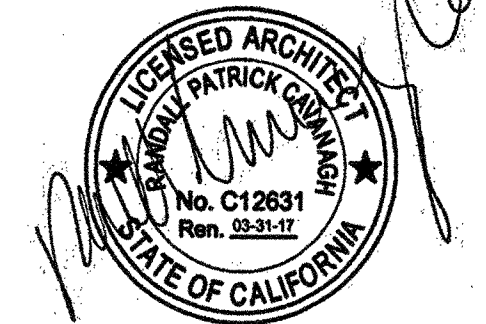
MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
PLUMBING DETAILS AND ACCESSIBLE DETAILS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01-115705
ACS DATE APR 20 2016

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
CA. DEPT. OF GENERAL SERVICES
PC 02-113876
DATE 6/22/11

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

REVISIONS

DRAWN BY:

SCALE: AS NOTED

DATE:

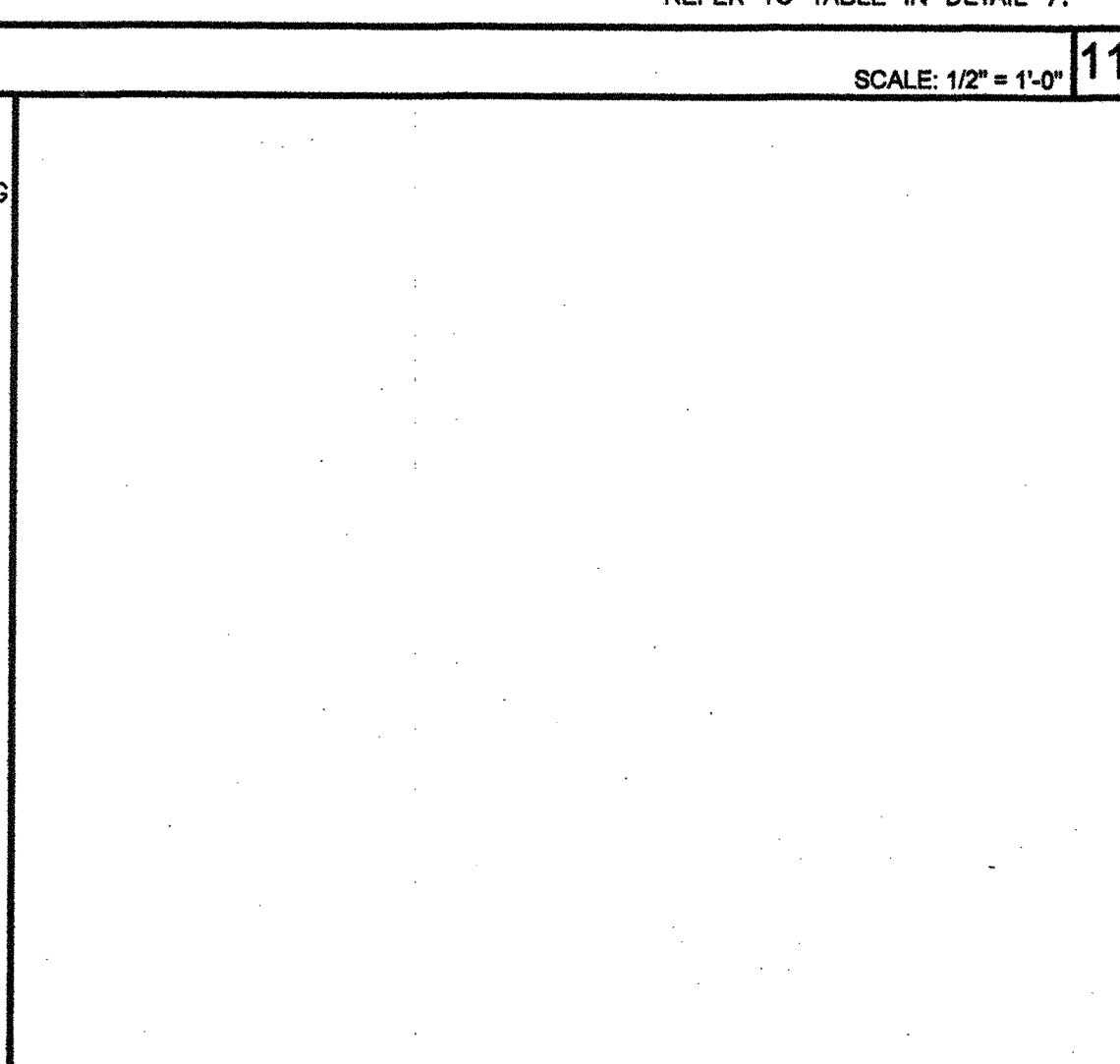
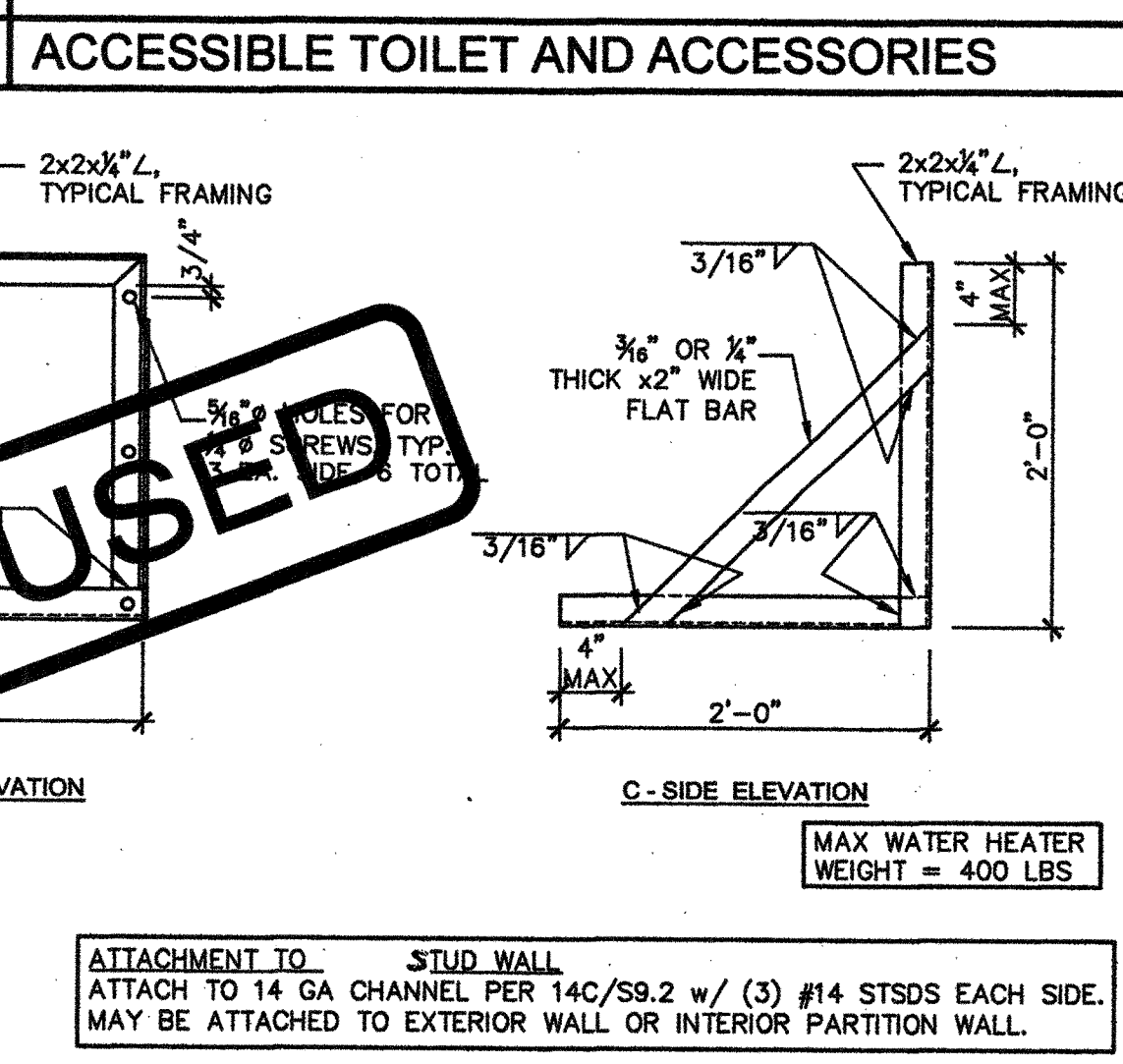
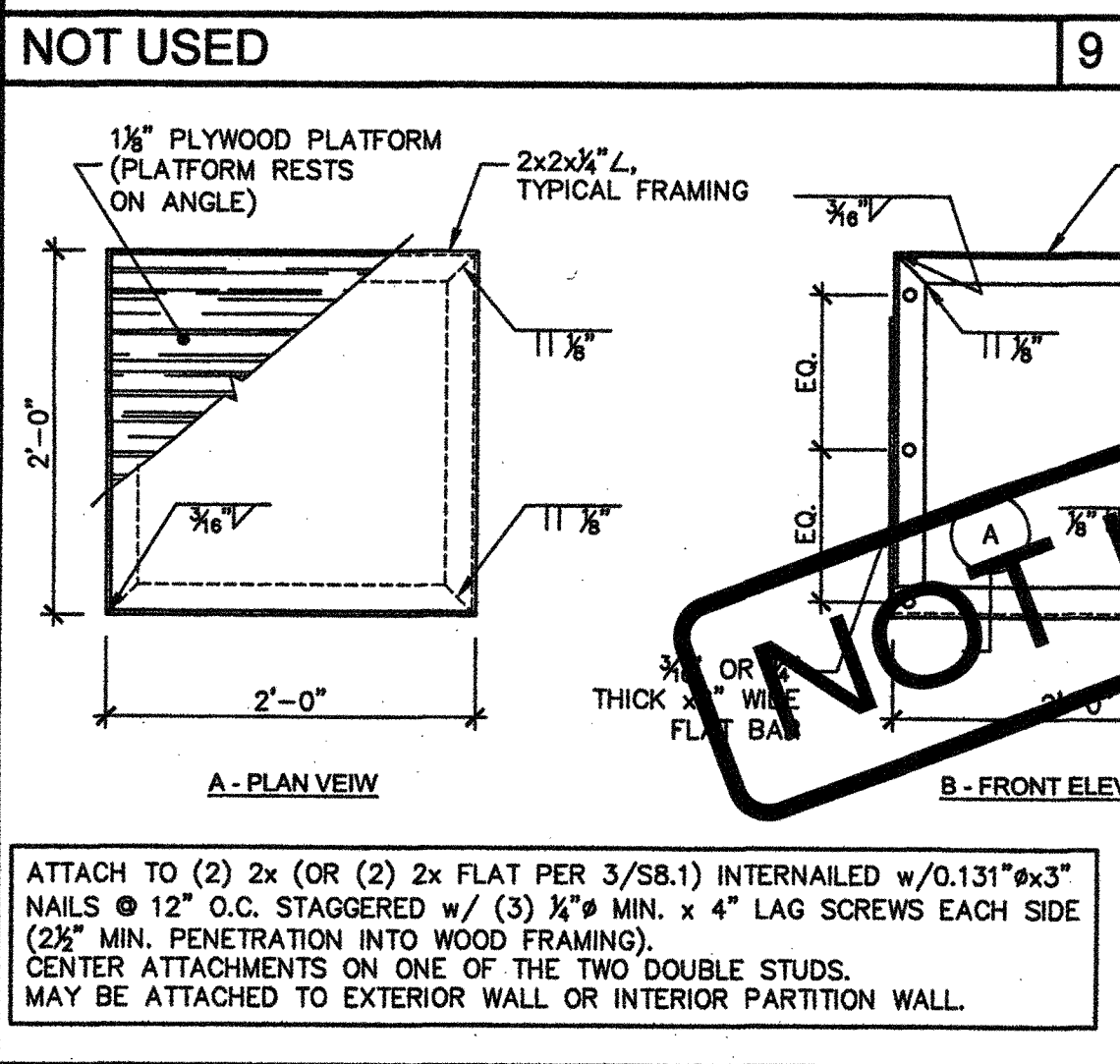
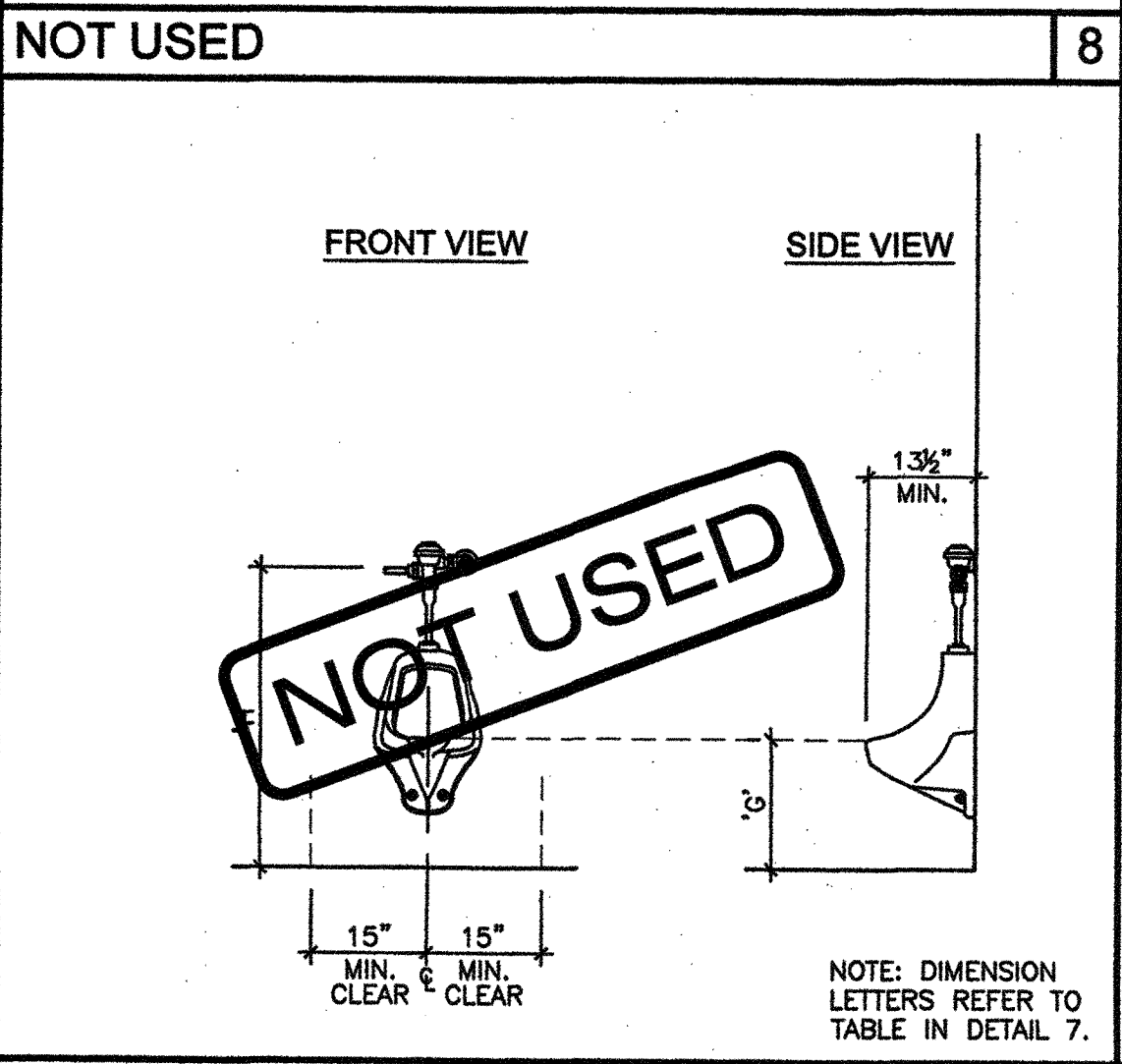
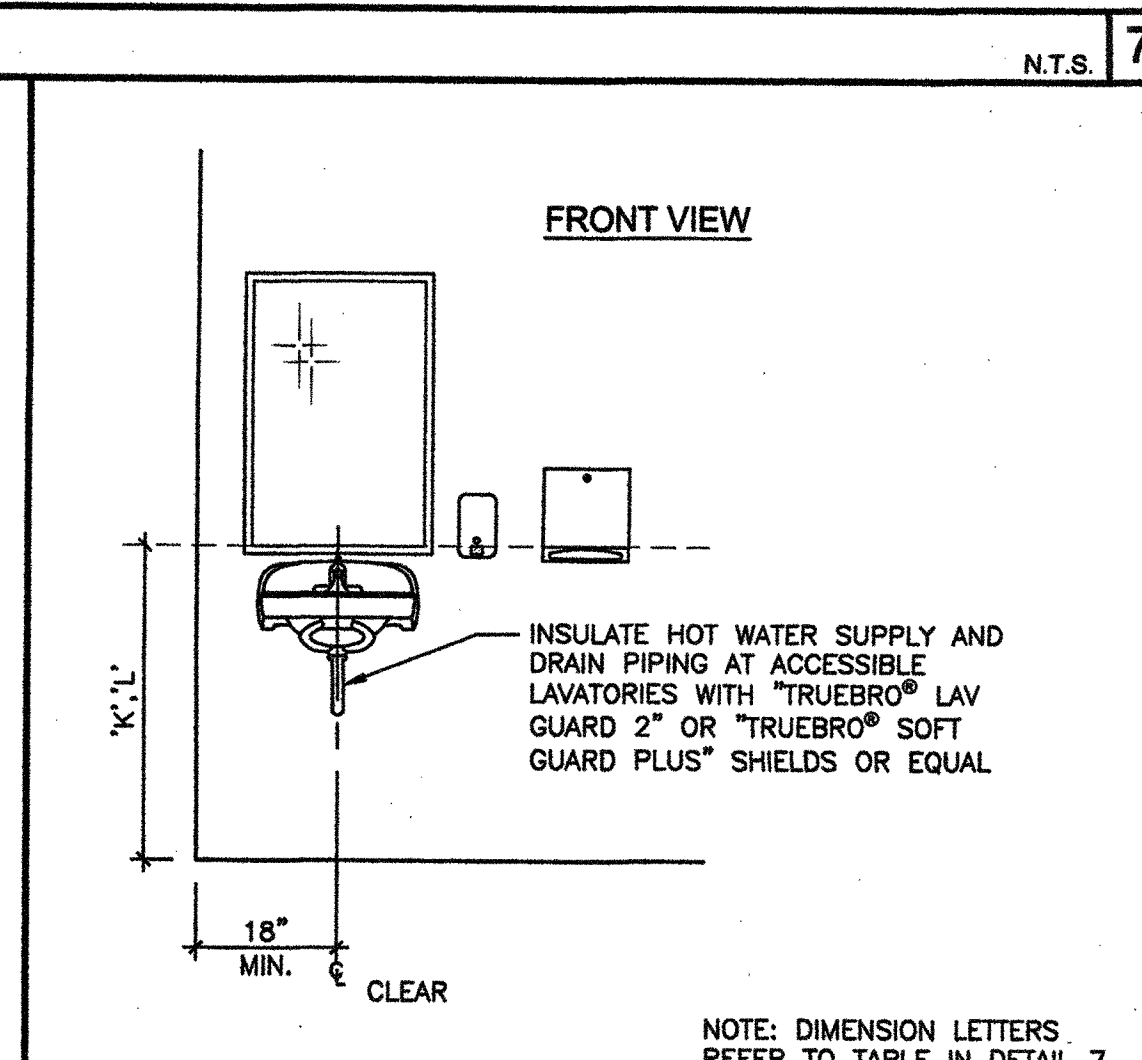
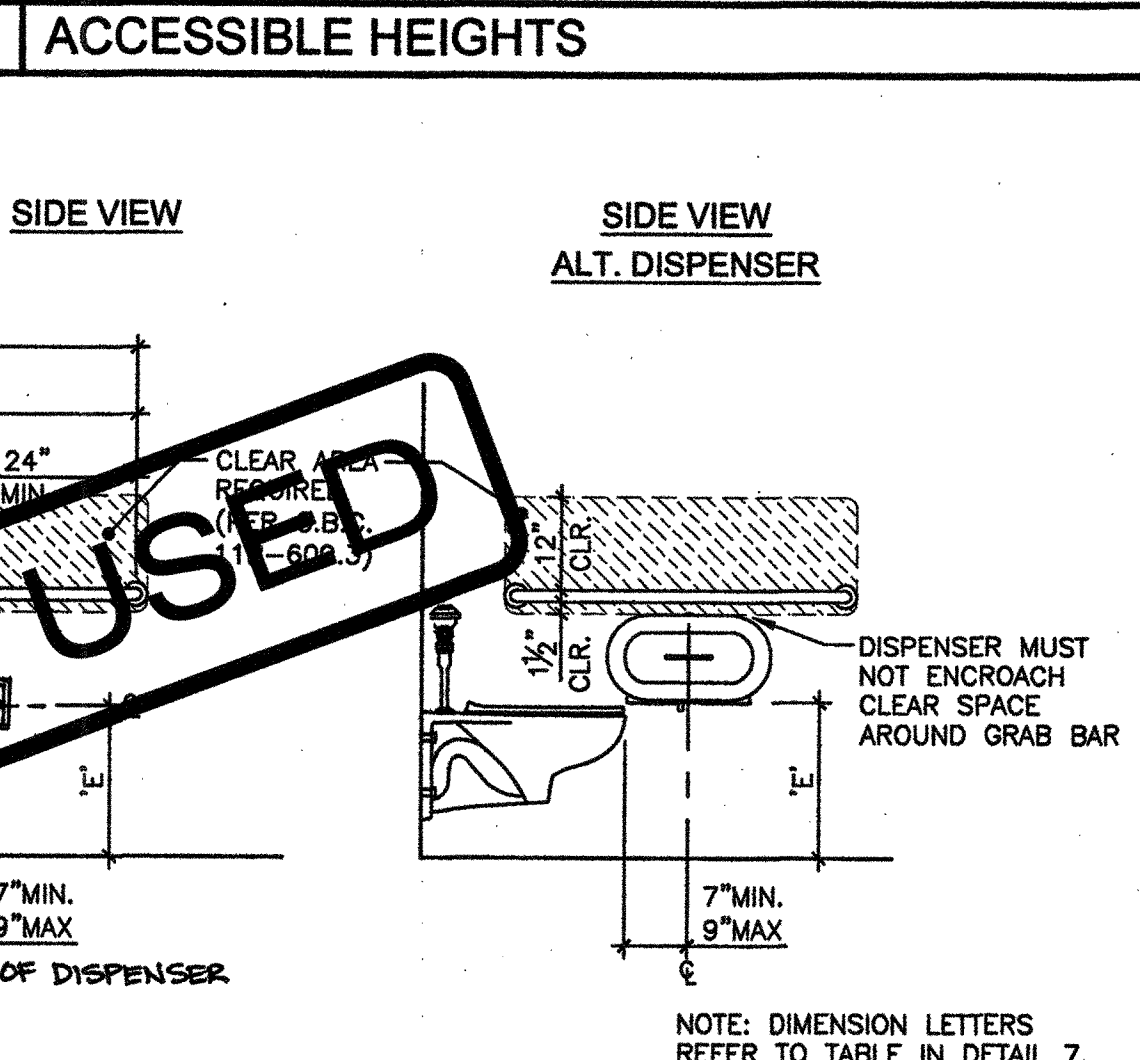
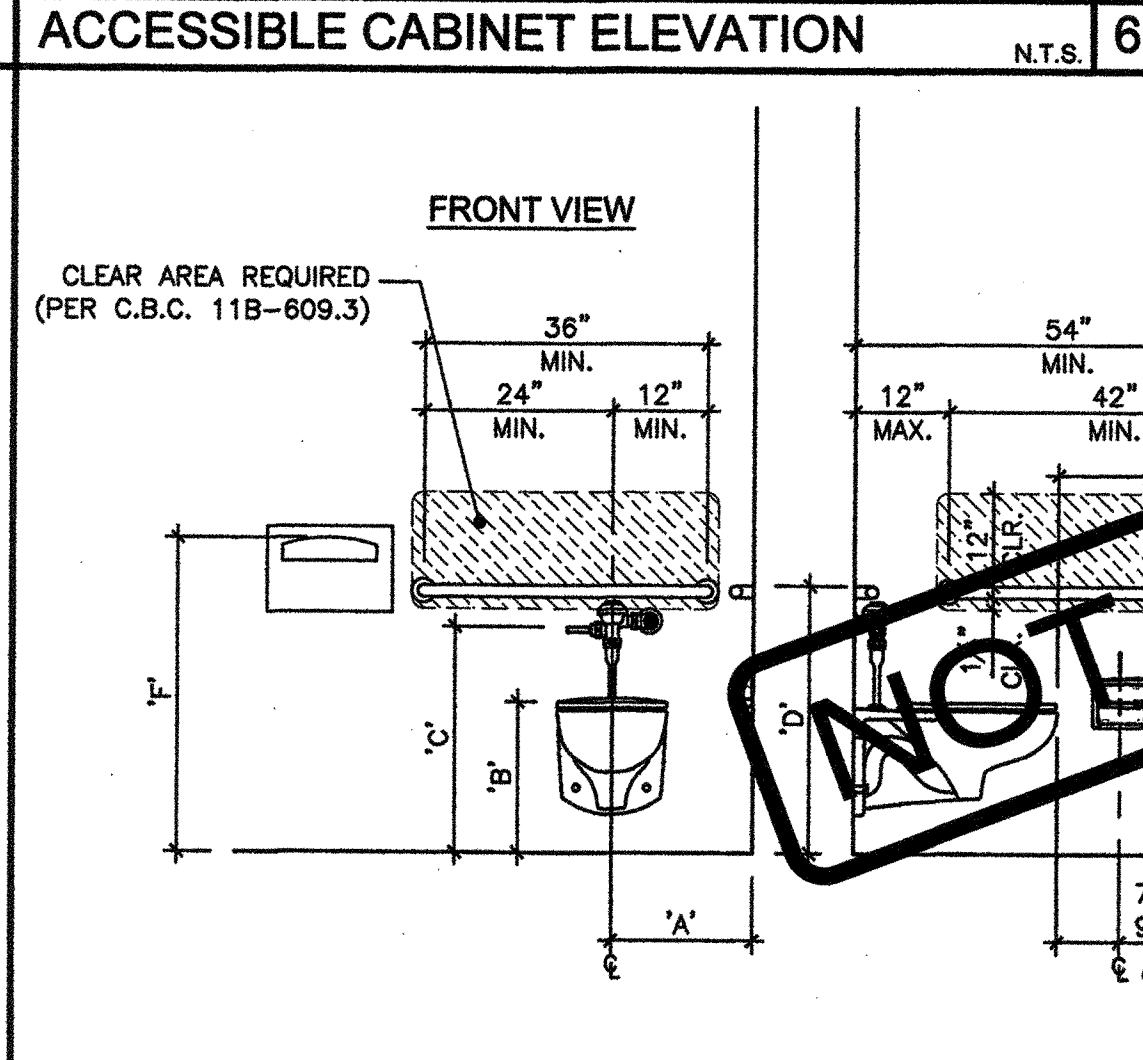
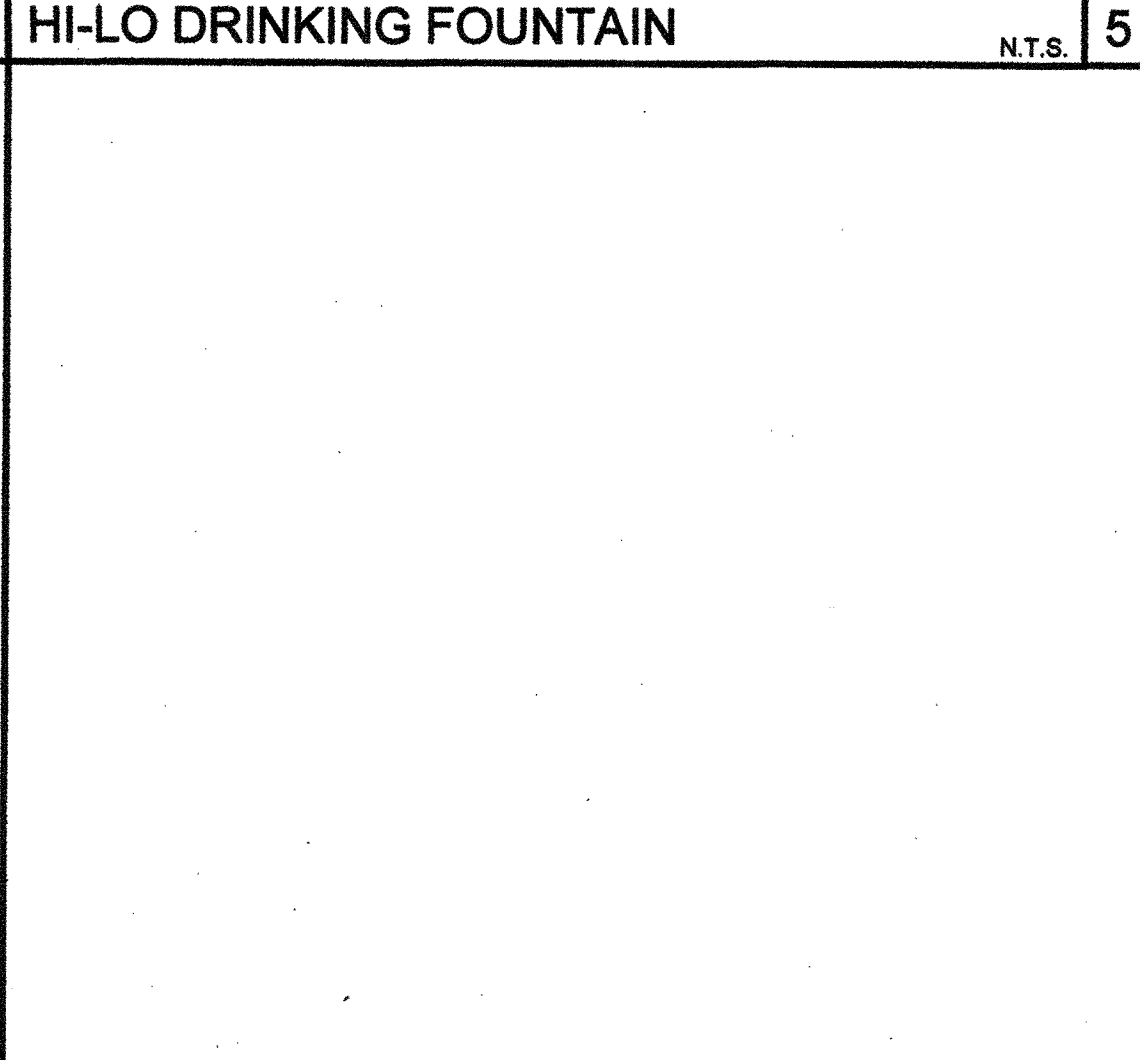
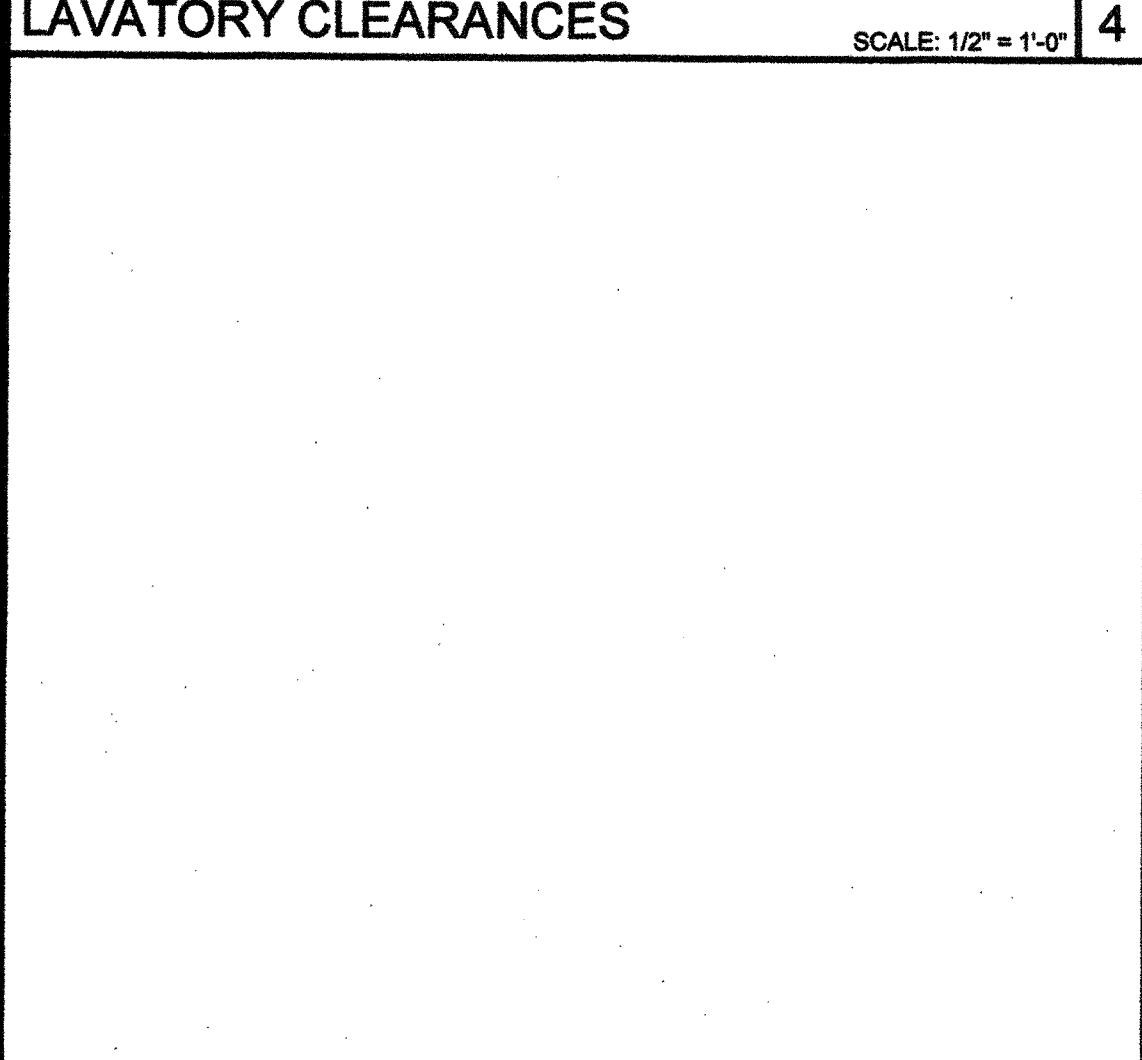
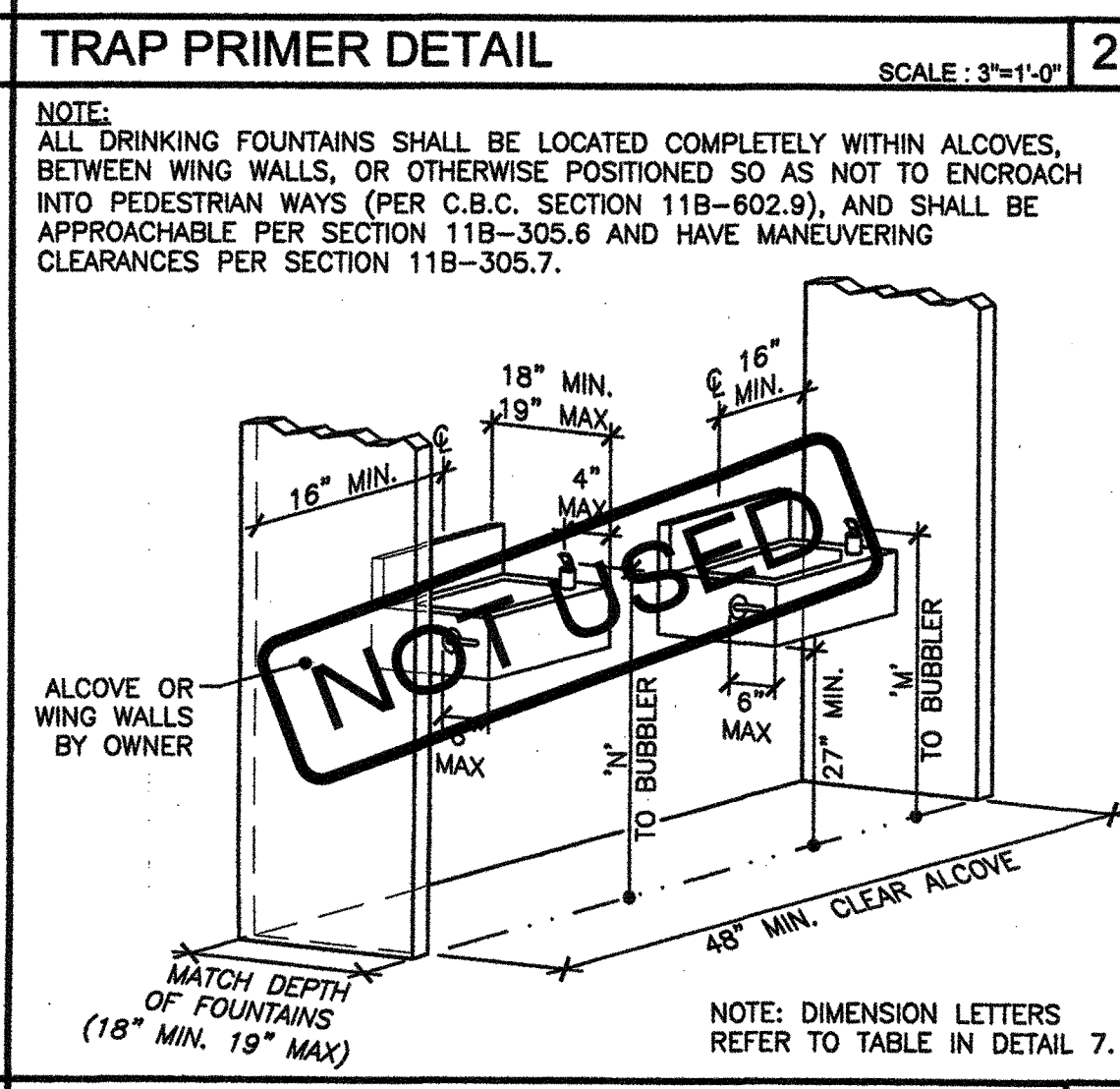
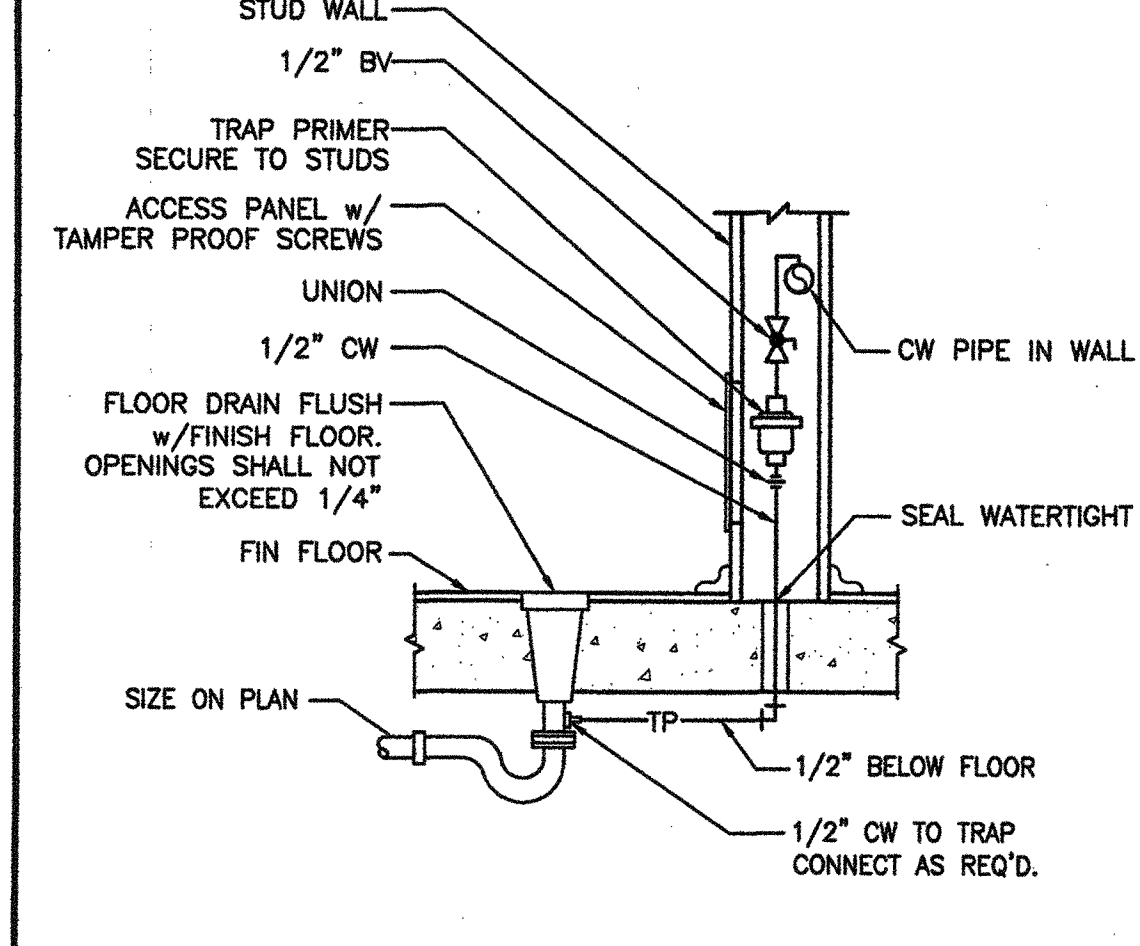
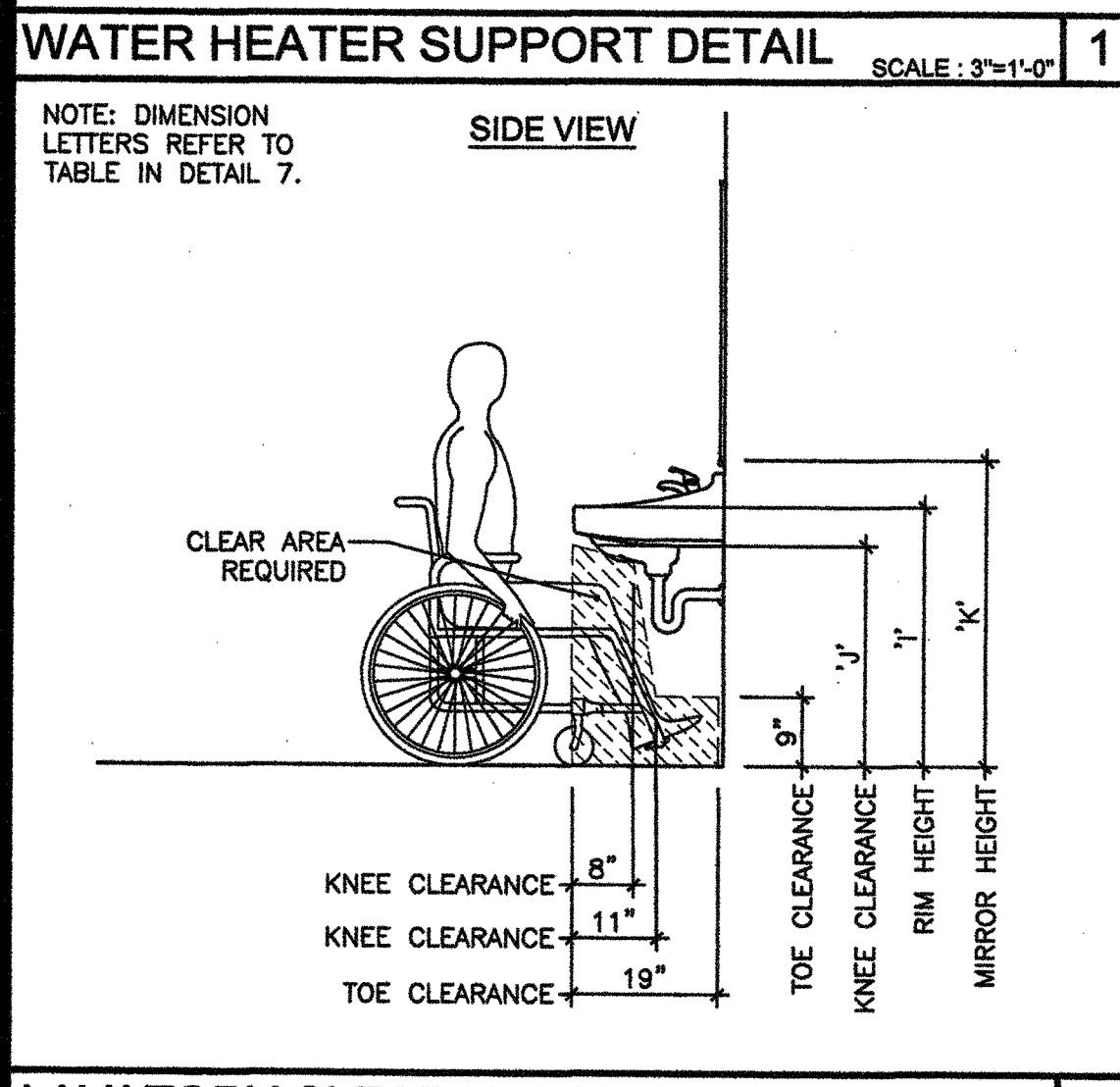
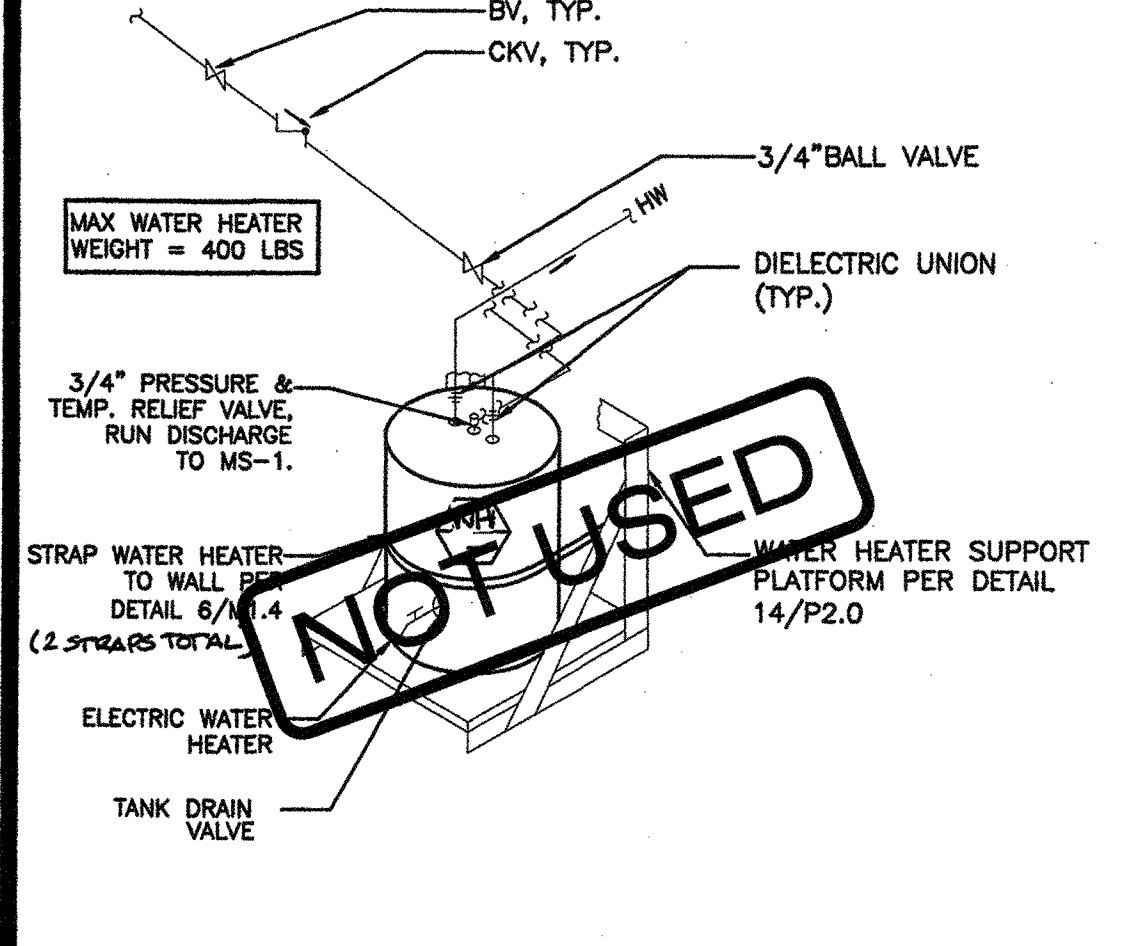
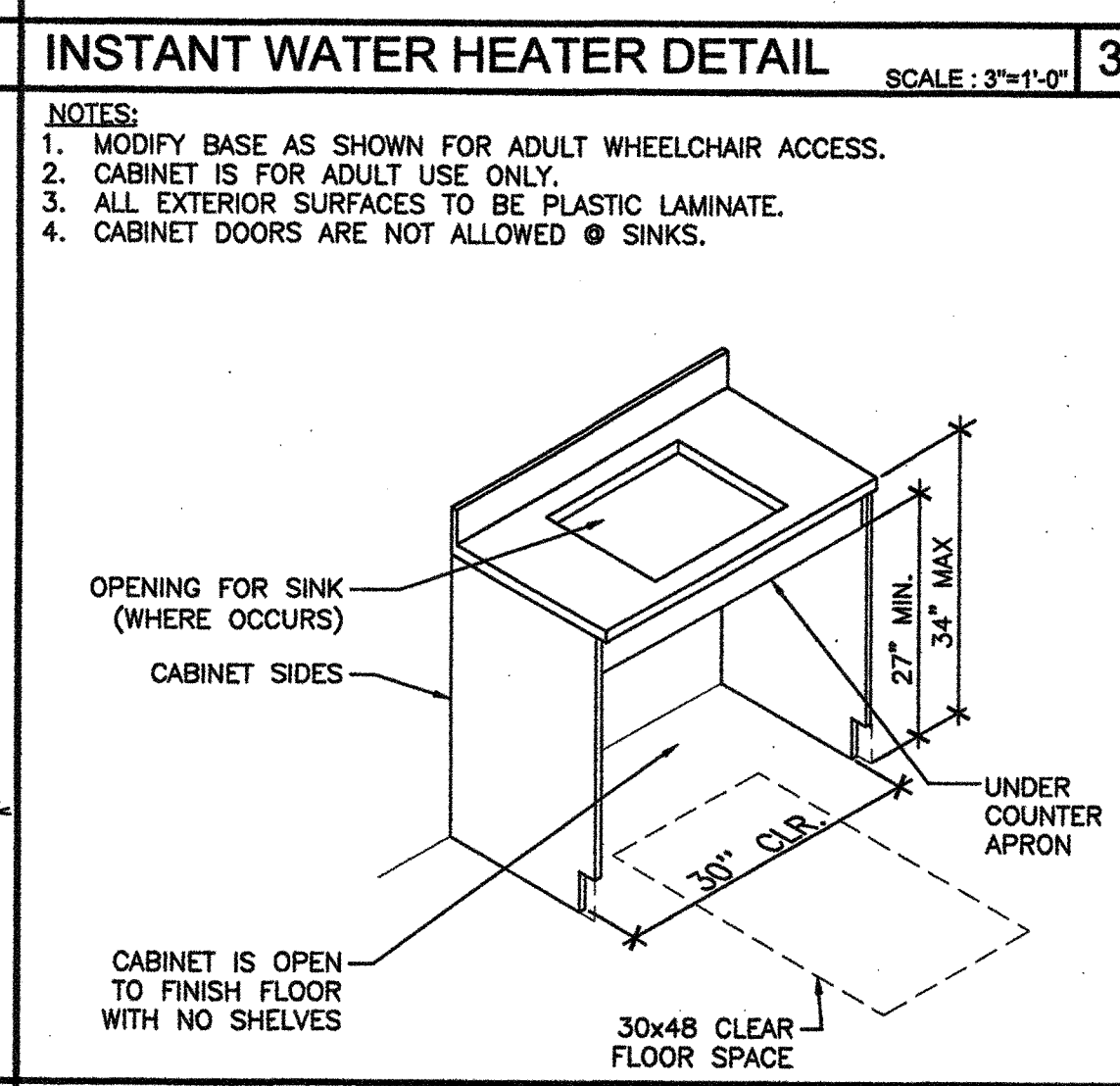
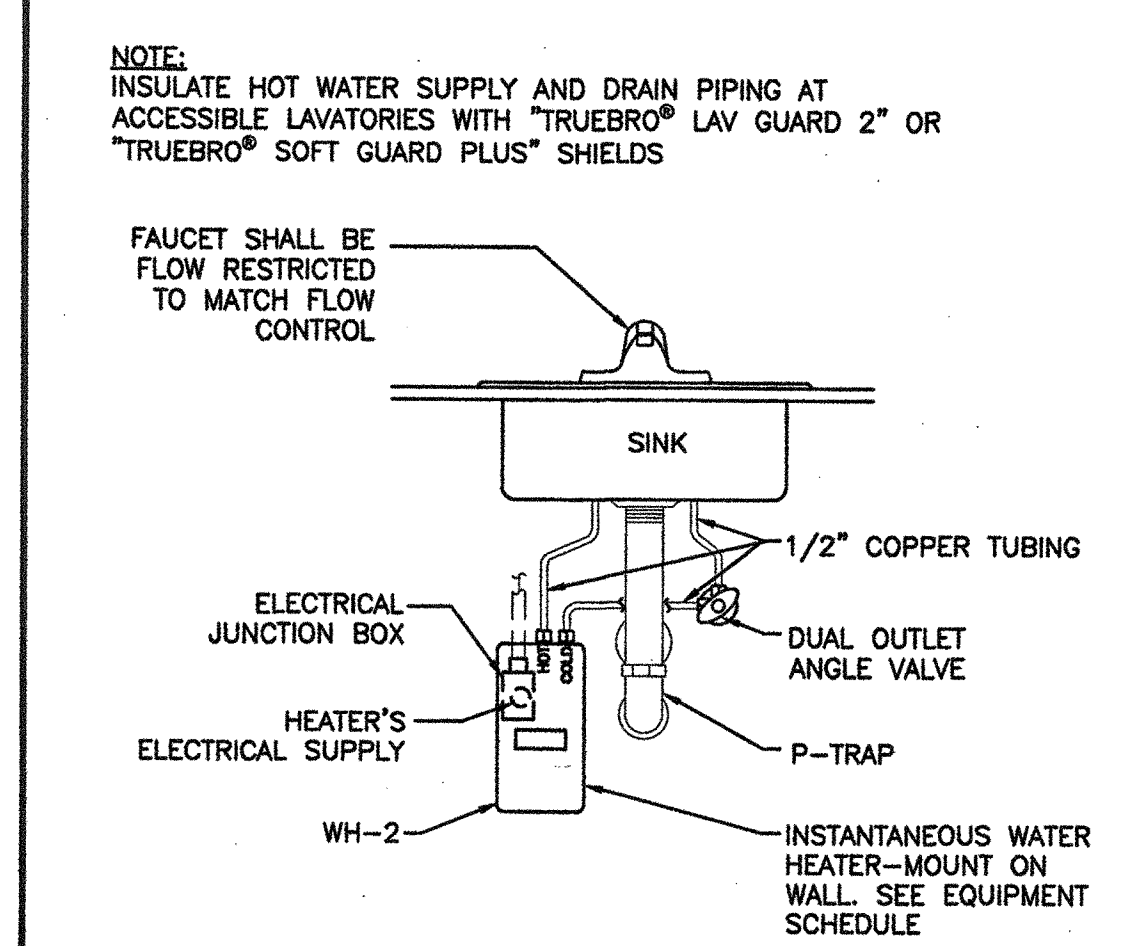
SHEET NUMBER

P2.0

HEIGHTS FOR ACCESSIBLE FEATURES IN TOILET FACILITIES

FIXTURE & MEASUREMENT POINT	AGES 3-4	AGES 5-8	AGES 9-12	AGES 13-ADULT	NOTES
A TOILET, CENTERLINE FROM FACE OF WALL	12" SUGGESTED	12" TO 15" SUGGESTED	15" TO 18" SUGGESTED	17" MIN. TO 18" MAX.	
B TOILET, TOP OF SEAT HEIGHT	11" TO 12" SUGGESTED	12" TO 15" SUGGESTED	15" TO 17" SUGGESTED	17" MIN. TO 19" MAX.	
C TOILET, TOP OF FLUSH CONTROLS	36" MAX.	36" MAX.	36" MAX.	44" MAX.	FLUSH CONTROLS SHALL BE LOCATED ON OPEN SIDE OF TOILET.
D GRAB BAR, TOP OF BAR	18" TO 20" SUGGESTED	20" TO 25" SUGGESTED	25" TO 27" SUGGESTED	33" MIN. TO 36" MAX.	
E TOILET PAPER DISPENSER, HEIGHT TO OUTLET	14" SUGGESTED	14" TO 17" SUGGESTED	17" TO 19" SUGGESTED	16" MIN.	CENTERLINE OF DISPENSER OUTLET SHALL BE BETWEEN 7" TO 9" IN FRONT OF THE TOILET. OUTLET OF DISPENSER MUST BE BELOW GRAB BAR. DISPENSER (INCLUDING FULL TOILET PAPER ROLL) MUST NOT ENCRoACH INTO REQ'D GRAB BAR CLEARANCE.
F TOILET SEAT COVER, HEIGHT TO TOP OF OUTLET	24" TO 32" SUGGESTED	30" TO 32" SUGGESTED	32" TO 36" SUGGESTED	40" MAX.	
G URINAL, LIP HEIGHT	12" TO 13" SUGGESTED	13" TO 15" SUGGESTED	15" TO 17" SUGGESTED	17" MAX.	
H URINAL, HEIGHT OF FLUSH HANDLE	36" MAX.	36" MAX.	36" MAX.	44" MAX.	
I LAVATORY, HEIGHT TO HIGHEST POINT AT FRONT OF LAV. OR COUNTER	24" TO 26" SUGGESTED	31" MAX.	31" MAX.	34" MAX.	
J LAVATORY, VERTICAL KNEE CLEARANCE		24" MIN.	24" MIN.	29"-27" OVER THE 8" DEPTH SHOWN	
K MIRROR (ABOVE LAVATORY OR COUNTERTOP), LOWEST POINT OF REFLECTIVE SURFACE	24" TO 32" SUGGESTED	30" TO 32" SUGGESTED	32" TO 36" SUGGESTED	40" MAX.	MIRROR NOT LOCATED ABOVE LAVATORY OR COUNTERTOP SHALL BE MOUNTED SO THAT LOWEST EDGE OF REFLECTING SURFACE IS 35" MAX. ABOVE FINISH FLOOR.
L DISPENSERS, DRYERS, HEIGHT TO TOP OF OUTLET, HANDLE OR OPERATING MECHANISM (WHICHEVER IS HIGHEST)	24" TO 32" SUGGESTED	30" TO 32" SUGGESTED	32" TO 36" SUGGESTED	40" MAX.	
M LO DRINKING FOUNTAIN, HEIGHT TO BUBBLER	24" TO 30" SUGGESTED	30" TO 32" SUGGESTED	32" TO 36" SUGGESTED	38" MAX.	
N HI DRINKING FOUNTAIN, HEIGHT TO BUBBLER				38" MIN. TO 43" MAX.	

NOTES:
1. THIS TABLE AND RELATED DIAGRAMS ILLUSTRATE THE SPECIFIC REQUIREMENTS OF CALIF. TITLE 24 (2013 C.B.C. SECTION 11B-601) AND IS SHOWN HERE ONLY AS AN AID FOR CONSTRUCTION AND INSTALLATION.
2. ACCESSORIES ARE NOT IN MANUFACTURER'S SCOPE OF WORK.
3. DIMENSIONS GIVEN ARE FROM FINISH FLOOR, UNLESS OTHERWISE NOTED.
4. NOT ALL ITEMS LISTED MAY OCCUR IN THE PROJECT.



1. DWV PIPING SHALL BE ABS PLASTIC
2. COLD WATER SUPPLY SHALL BE TYPE L COPPER
3. MIN SLOPE 1/4" PER FOOT MAY SLOPE 4" CI AT 1/8" PER FOOT VENTS SHALL TERMINATE NOT LESS THAN 10 FEET FROM OR AT LEAST 3 FT. ABOVE ANY WINDOW, DOOR, AIR INTAKE OR VENT SHAFT, NOR LESS THAN 3FT. IN EVERY DIRECTION FROM ANY LOT LINE, ALLEY AND STREET EXCEPTED; EXTEND 6" ABOVE THE ROOF

ACCESSIBLE URINAL SCALE: 1/2" = 1'-0" 13

WATER HEATER PLATFORM DETAIL SCALE: 1" = 1'-0" 14

NOT USED 14

NOT USED 14

GENERAL NOTES 14

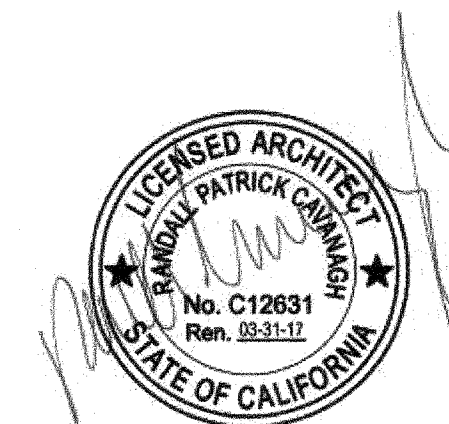
MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' BUILDING

SITE SPECIFIC PROJECT NAME
**SANTA CLARA COUNTY OF EDUCATION
SANTA TERESA ELEMENTARY**

SHEET TITLE
PLUMBING ISOMETRIC DRAWINGS

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01-115705

ACS ELS SSS
DATE APR 08 2016

ORIGINAL PC STATE AGENCY APPROVAL

BASED ON PC# 02-113876
PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS

DRAWN BY: AB

SCALE: AS NOTED

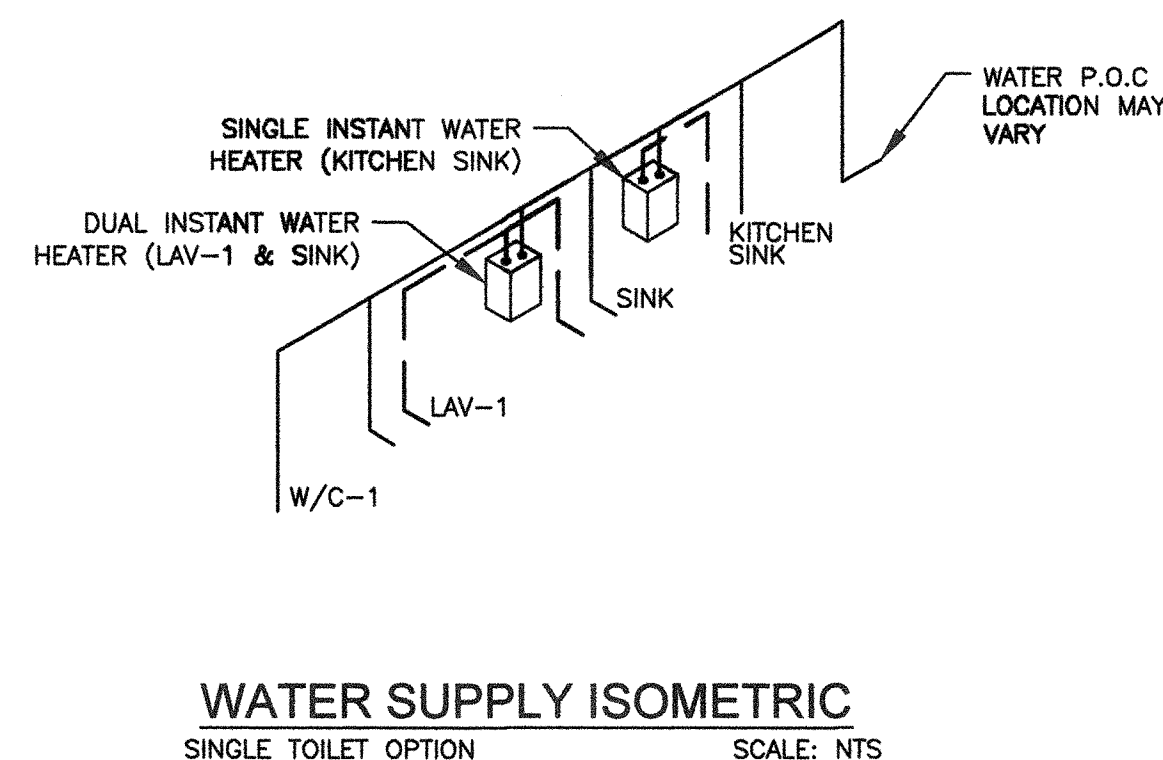
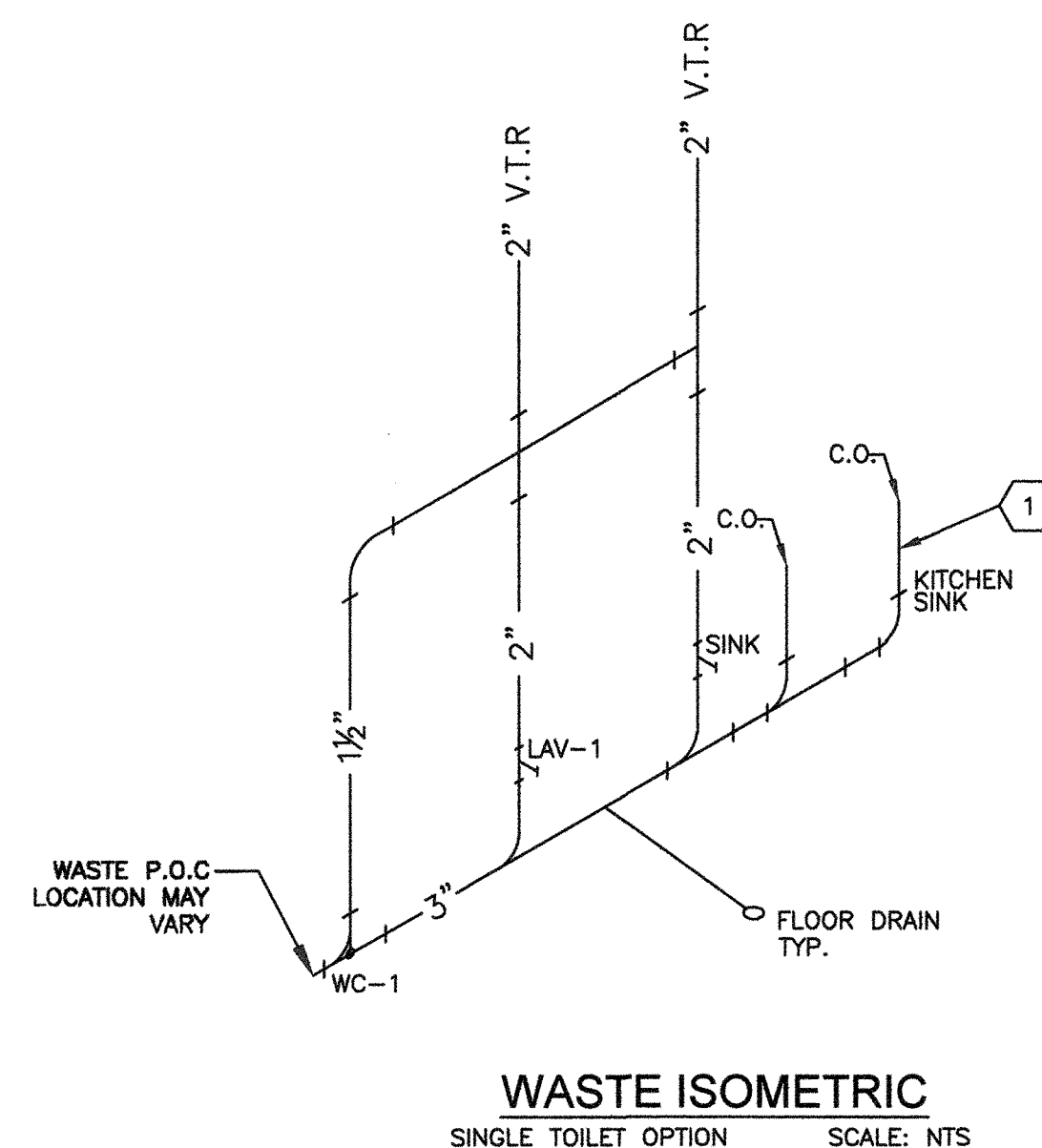
DATE: 10/12/15

SHEET NUMBER

P3.0

MARK	FIXTURE*	TYPE AT KINDERGARTEN	TYPE AT ELEMENTARY	TYPE AT ADULT	REMARKS
WC 2	WATER CLOSET	FLOOR MOUNT TANK TYPE AMERICAN STANDARD #3128.001 FOR BOWL #4019.228 FOR TANK	FLOOR MOUNT TANK TYPE KOHLER "HIGHLINE" MODEL K-3999 OR EQUAL	FLOOR MOUNT TANK TYPE KOHLER "HIGHLINE" MODEL K-3999 OR EQUAL	LOCATE AS SPECIFIED ON FLOOR PLANS. MOUNT ACCESSIBLE FIXTURES PER SCHEDULE 7/P2.0
L 1	LAVATORY	AMERICAN STANDARD MODEL LUCERNE 0356.421 OR EQUAL	---	---	AMERICAN STANDARD SINGLE CONTROL LAVATORY FAUCET MODEL 2175.205 w/ CHICAGO FAUCET NON-AERATING SPRAY @ 0.50 G/MIN. MODEL #E2605JKABCP OR EQUAL. MOUNT AS SPECIFIED IN FLOOR PLANS. MOUNT ACCESSIBLE FIXTURES PER SCHEDULE 7/P2.0
M 1	MIRROR	WALL MOUNT TYPE BRADLEY MODEL 781-1830 OR EQUAL	---	---	MOUNT AS SPECIFIED IN FLOOR PLANS. MOUNT ACCESSIBLE MIRROR PER SCHEDULE 7/P2.0
GB 1	36" GRAB BARS	WALL MOUNT TYPE CREATIVE SPECIALTIES INTERNATIONAL MODEL R7436 (1 1/4" EXPOSED SCREW 36" & 42") OR EQUAL	---	---	18 GA. 304 STAINLESS STEEL SATIN FINISH MOUNT AS SPECIFIED IN FLOOR PLANS AND PER SCHEDULE 7/P2.0. (STRUCTURAL STRENGTH OF GRAB BARS 250# MIN.)
GB 2	42" GRAB BARS	WALL MOUNT TYPE CREATIVE SPECIALTIES INTERNATIONAL MODEL R7436 (1 1/4" EXPOSED SCREW 36" & 42") OR EQUAL	---	---	18 GA. 304 STAINLESS STEEL SATIN FINISH MOUNT AS SPECIFIED IN FLOOR PLANS AND PER SCHEDULE 7/P2.0. (STRUCTURAL STRENGTH OF GRAB BARS 250# MIN.)
WH 2	INSTA-HOT WATER HEATER	CHROMOMITE INSTA-HOT	---	---	
CS 1	CLASSROOM SINK	TEKA SINGLE BOWL SINK MODEL #256-413 OR EQUAL	---	---	LOCATE AS SPECIFIED ON FLOOR PLANS. MOUNT ACCESSIBLE FIXTURES PER SCHEDULE 7/P2.0

*ALL WATER FIXTURES MUST MEET REQUIREMENTS OF CAL-GREEN TITLE 24, PART 11, SECTION 5.303.3 "WATER CONSERVING PLUMBING FIXTURES & SETTINGS".



KEY NOTES

- 1 4" CLEAN OUT
- 2 VENT 90
- 3 VENT CROSS
- 4 4" QUARTER BEND
- 5 SMITH#0600 CARRIER
- 6 2" SANITARY TAP TEE
- 7 4x4x2 COMBINATION WYE 1/8 BEND
- 8 2x2x1 1/2 SANITARY TEE
- 9 4" DOUBLE COMBINATION
- 10 2"x18" LONG CU AIR CHAMBER
- 11 1" CW STUB AT WATER CLOSETS
- 12 3/4" CW STUB AT URINALS
- 13 1/2" CW STUB AT LAVATORIES

School Name: _____ District: _____
 INCREMENT # _____ DSA File No.: _____
 Application No.: _____
 Date Submitted: _____ Revised: _____
 Revised: _____

IMPORTANT: This form is only a summary list of structural tests and special inspections required for the project. The actual tests and inspections must be performed as detailed on the DSA approved documents. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A. NOTE: This form is also available for projects submitted for review under the 2007 and 2010 CBC.

INSTRUCTIONS: Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. An "X" before a listed test or inspection indicates it is a mandatory requirement. A shaded box indicates a test or special inspection that may be required, depending on the scope of the construction and other issues. A shaded box can be clicked indicating your selection of that test. Note: A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the "COMPILE" button to show only the tests finally selected. For more information on use of this form, see DSA-103.INSTR.

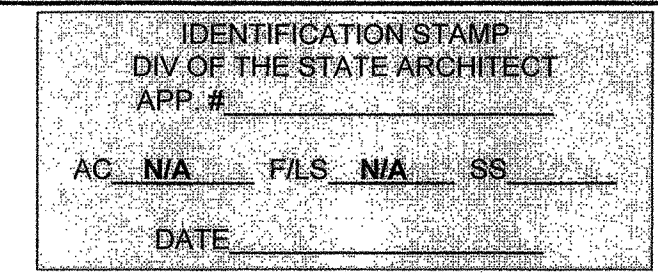
Note: References are to the 2013 edition of the California Building Code (CBC) unless otherwise noted.

REQUIRED	TEST OR SPECIAL INSPECTION	TYPE	PERIODIC	LAB	CODE REFERENCE AND NOTES
	SOILS				Table 1706A.3
	CONCRETE				Table 1706A.3
	MASONRY				TMS 402-11/ACI 530-11/ASCE 5-11 Table 1.9.3
	STEEL				Table 1706A.2.1
	17. STRUCTURAL STEEL AND COLD-FORMED STEEL USED FOR STRUCTURAL PURPOSES				
	Material Verification:				
X	a. Verify that all materials are appropriately marked and that: • Mill certificates indicate material properties that comply with requirements. • Material sizes, types and grades comply with requirements.	Periodic			* By special inspector when performed off-site; by project inspector for steel shipped directly to project site without welding or fabrication.
X	b. Test unidentified materials.	Test		Lab	2203A.1 (2203.1), ASTM A370.
	Inspection:				
X	d. Verify member locations, bracing and all details constructed in the field.	Continuous		PI	
X	e. Verify stiffener locations, connection tab locations and all construction details fabricated in the shop.	Periodic		SI	
	19. WELDING: DSA IR 17-3, AWS D1.1 and AWS D1.8 (AWS D1.3 for cold formed steel).				
	Verification of Materials, Equipment, Welders, etc:				
X	a. Verify weld filler material identification markings per AWS designation listed on the DSA approved documents and the WPS.	Periodic		SI	
X	b. Verify weld filler material manufacturer's certificate of compliance.	Periodic		SI	
X	c. Verify WPS, welder qualifications and equipment.	Periodic		SI	DSA IR 17-3.
	19.1 SHOP WELDING:				
X	b. Inspect single-pass fillet welds $\leq 5/16"$	Periodic		SI	Per AISC 360 (and AISC 341 as applicable), DSA IR 17-3.
X	c. Inspect welding of stairs and railing systems.	Periodic		SI	1706A.2.2.1 Per AISC 360 (and AISC 341 as applicable), DSA IR 17-3.
	WOOD				
	OTHER				

1. Shop Welding Inspection: Special Inspection Verified Report - Form DSA-292

KEY TO Columns	
1 Type -	2 Performed By -
Continuous - Indicates that a continuous special inspection is required	GE - Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative
Periodic - Indicates that a periodic special inspection is required	Lab - Indicates that the test or inspection is to be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program. See section 4-335, 2013 CCR Title 24, Part 1.
Test - Indicates that a test is required	PI - Indicates that the special inspection is to be performed by the project inspector
	SI - Indicates that the special inspection is to be performed by a special inspector

Name of Architect or Engineer in general responsible charge: _____
 Name of Structural Engineer (When structural design has been delegated): _____
 Signature of Architect or Structural Engineer: _____ date: _____



DSA-103 (rev. 12-20-13) * In the CODE REFERENCE AND NOTES column, it indicates DSA-SS/CC sections that may be used by community colleges, per 2013 CBC Sec. 1.9.2.2.

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

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

TMP SERVICES

2929 KANSAS AVE.
 RIVERSIDE, CA 92507
 (951) 213-3900
 FAX (951) 213-3997

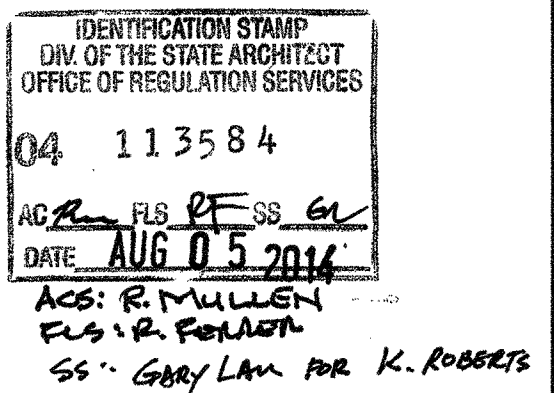
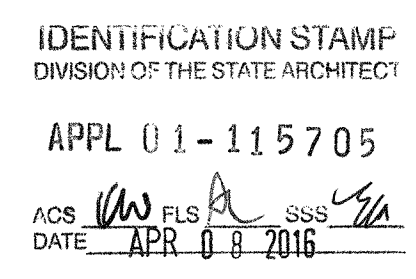
PC 04-113584
 ACCESSIBLE RAMPS/
 LANDINGS/STAIRS

STATE OF CALIFORNIA -
 2012 IBC/2013 CBC

EXL
STRUCTURAL ENGINEERS, INC.
 4091 RIVERSIDE DRIVE, SUITE 114
 CHINO, CALIFORNIA 91710
 MEMBER
 STRUCTURAL ENGINEERS
 ASSOCIATION OF CALIFORNIA
 AMERICAN CONCRETE
 INSTITUTE
 (909) 613-0234
 Fax(909) 613-0236

- NOTES:
- LOADS:
- RAMP LIVE LOAD = 100 PSF
 - NO SNOW LOADING
 - NO FLOOD LOADING
 - WIND:
 WIND SPEED = 130 MPH
 RISK CATEGORY = II
 EXPOSURE = C
 $K_{zt} = 1.0$
 WIND DESIGN PER ASCE 7-10 CHAPTER 29
 - SEISMIC:
 RISK CATEGORY = II
 $I_e = 1.25$
 $S_s = 3.73$
 $S_1 = 1.30$
 SITE CLASS = D
 $S_{DS} = 2.487$
 $C_s = 0.932$ (ASCE 7-10 EQUATION 15.4-5)
 $R = 3.25$ (ASCE 7-10 TABLE 15.4-1)
 - ALLOWABLE SOIL BEARING = 1000 PSF

- DATE SIGNED JUL 28 2014
- CODES: (TITLE 24 CODES)
- 2013 CALIFORNIA ADMINISTRATIVE CODE (CAC)....(PART 1, TITLE 24, CCR)
- 2013 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 AND 2 (PART 2, TITLE 24, CCR) (2012 EDITION INTERNATIONAL BUILDING CODE WITH 2013 CALIFORNIA AMENDMENTS)
- 2013 CALIFORNIA FIRE CODE (CFC), (PART 9, TITLE 24, CCR) (2012 EDITION INTERNATIONAL FIRE CODE WITH 2013 CALIFORNIA AMENDMENTS)
- 2013 CALIFORNIA GREEN CODE (CFC), (PART 9, TITLE 24, CCR)
- 2013 CALIFORNIA REFERENCED CODE, (PART 12, TITLE 24, CCR)
 NFPA 13 2013
 NFPA 72 2013
- 2013 CODE SECTIONS FOR APPLICABLE STANDARDS
 2013 CBC, CHAPTER 35
 2013 CFC, CHAPTER 45



Sheet No	Description	Dated	Revised
1	COVER SHEET	28 JULY 2014	
2	ACCESSIBLE RAMP ELEVATIONS & DETAILS	28 JULY 2014	
3	ACCESSIBLE RAMP DETAILS & NOTES	28 JULY 2014	
4	DETAILS & NOTES	28 JULY 2014	
5	ACCESSIBLE RAMP SWITCH BACK DETAILS	28 JULY 2014	
6	STAIRS - OPTIONAL	28 JULY 2014	
7	ACCESSIBLE RAMP OPTIONAL ALUMINUM DECK	28 JULY 2014	
8	ACCESSIBLE RAMP ELEVATIONS & PLAN VIEWS	28 JULY 2014	

REVISIONS	BY

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

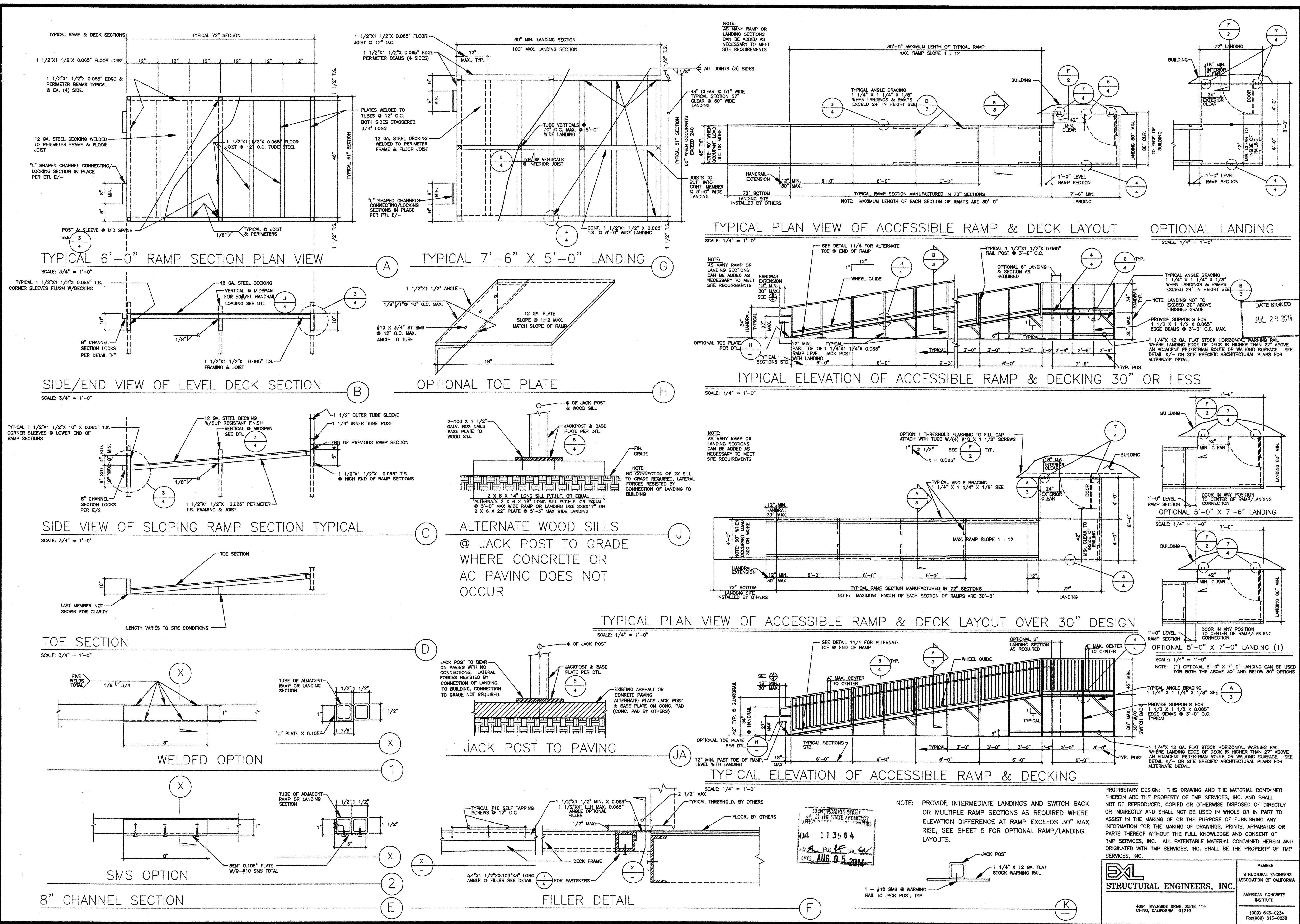


COVER SHEET
 TMP SERVICES
 2929 KANSAS AVE.
 RIVERSIDE, CA 92507
 PHONE: (951) 213-3900
 FAX: (951) 213-3997

SCANNED

SITE:
 STATE OF CALIFORNIA
 PC 04-113584-2013 CBC

DRAWN
CHECKED
DATE 28 JULY 2014
SCALE
JOB NO.
1
OF 8 SHEETS



REVISIONS	BY

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



ACCESSIBLE RAMP ELEVATIONS & DETAILS

TMP SERVICES
 2929 KANSAS AVE.
 RIVERSIDE, CA 92507
 PHONE: (951)213-3900
 FAX: (951)213-3997

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT

APPL 11-115705
 ACS DATE APR 18 2014

SITE: STATE OF CALIFORNIA
 PC 04-113584-2013 CBC

DRAWN	CHECKED	DATE	SCALE	JOB NO.
		28 JULY 2014		

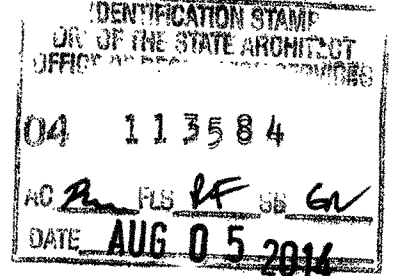
OF 8 SHEETS

PROPRIETARY DESIGN: THIS DRAWING AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF TMP SERVICES, INC. AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND CONSENT OF TMP SERVICES, INC. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATED WITH TMP SERVICES, INC. SHALL BE THE PROPERTY OF TMP SERVICES, INC.

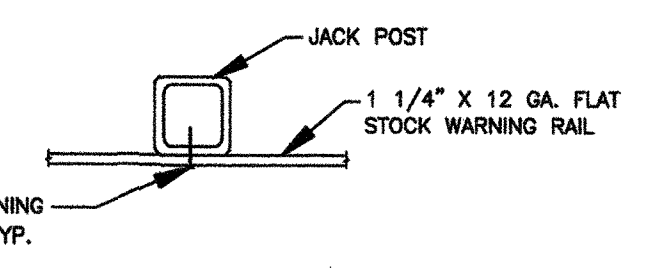
EXL
 STRUCTURAL ENGINEERS, INC.

MEMBER
 STRUCTURAL ENGINEERS ASSOCIATION OF CALIFORNIA
 AMERICAN CONCRETE INSTITUTE

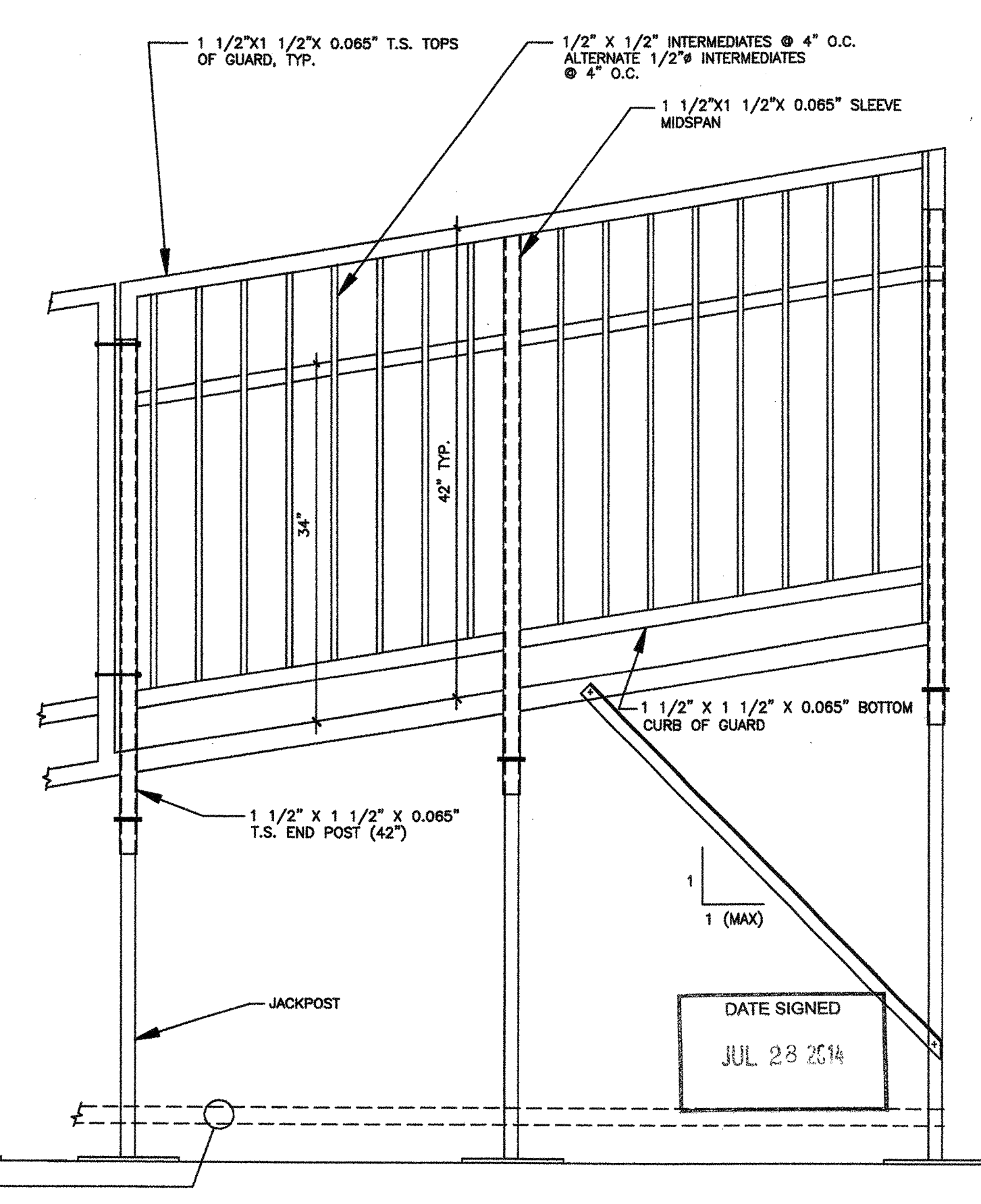
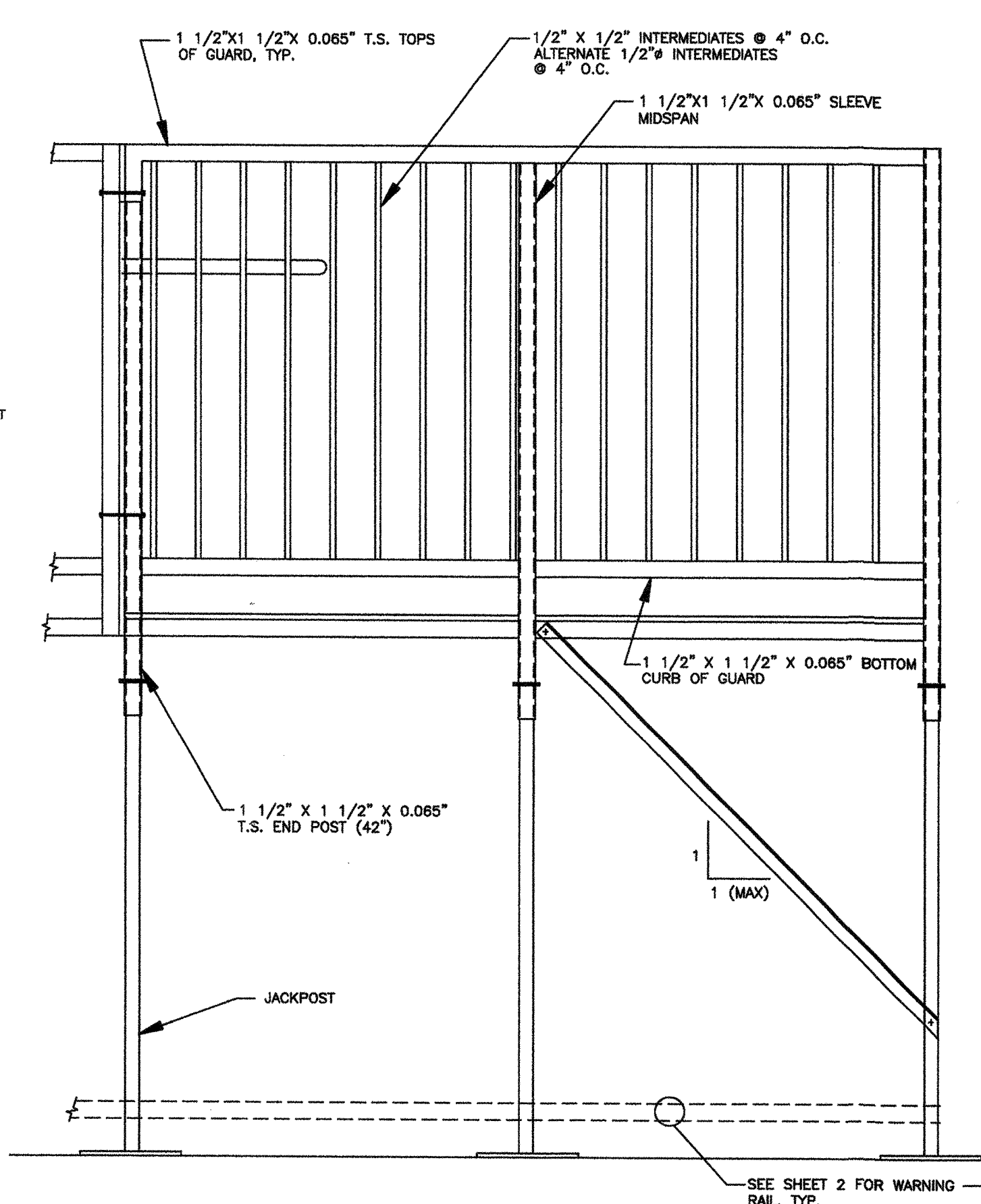
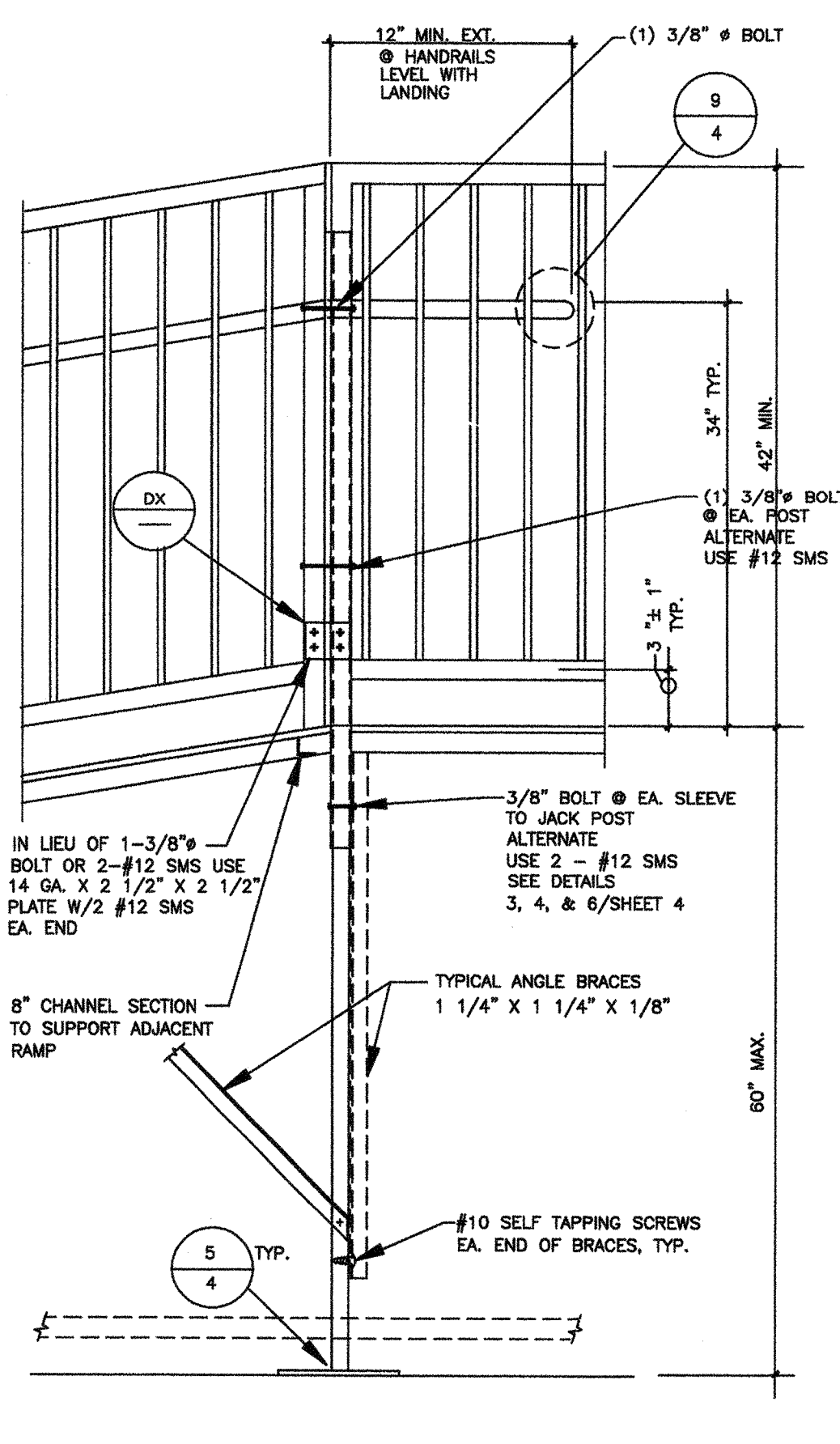
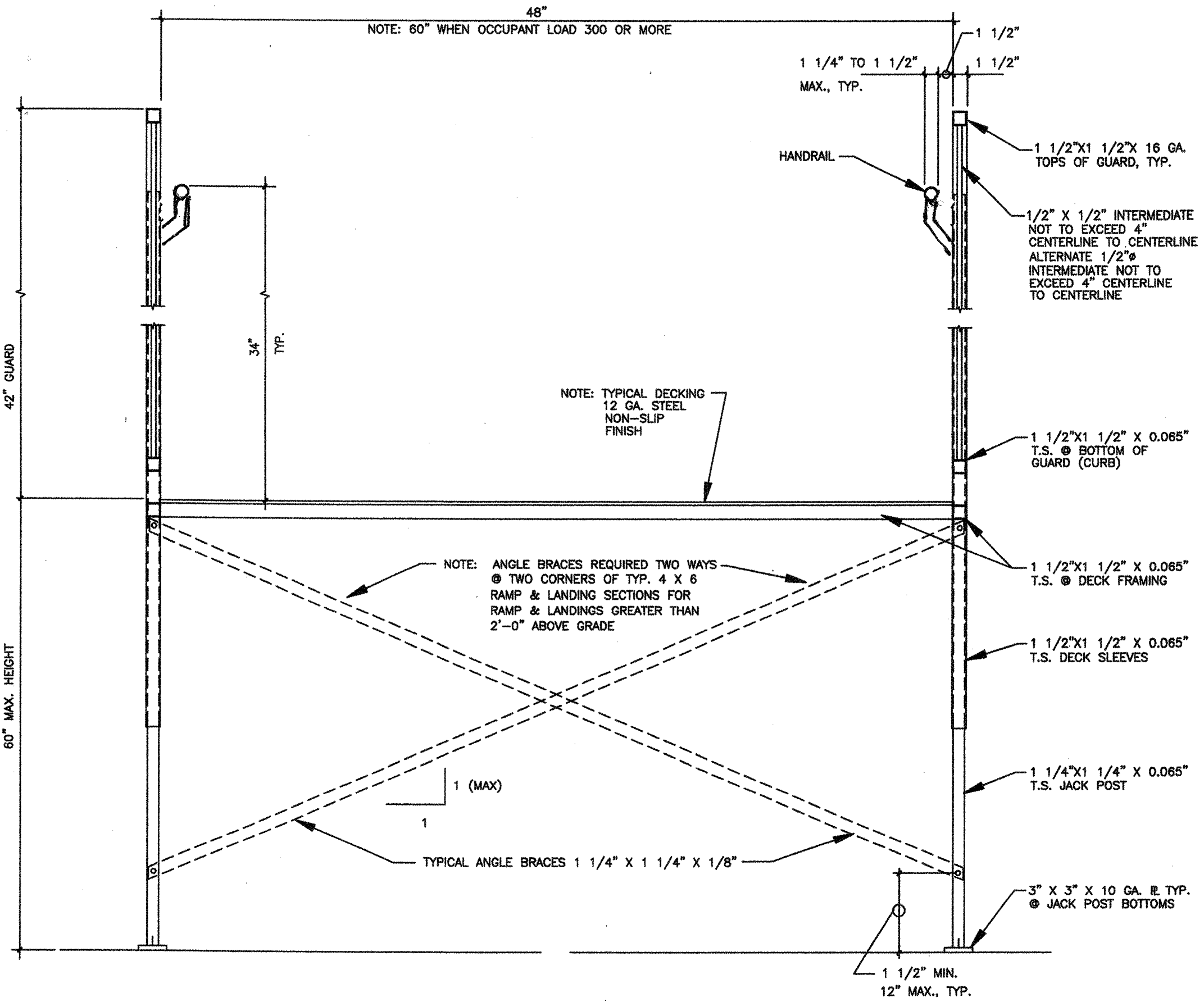
4091 RIVERSIDE DRIVE, SUITE 114
 CHINO, CALIFORNIA 91710
 (909) 613-0234
 Fax(909) 613-0238



NOTE: PROVIDE INTERMEDIATE LANDINGS AND SWITCH BACK OR MULTIPLE RAMP SECTIONS AS REQUIRED WHERE ELEVATION DIFFERENCE AT RAMP EXCEEDS 30" MAX. RISE. SEE SHEET 5 FOR OPTIONAL RAMP/LANDING LAYOUTS.



1 - #10 SMS @ WARNING RAIL TO JACK POST, TYP.

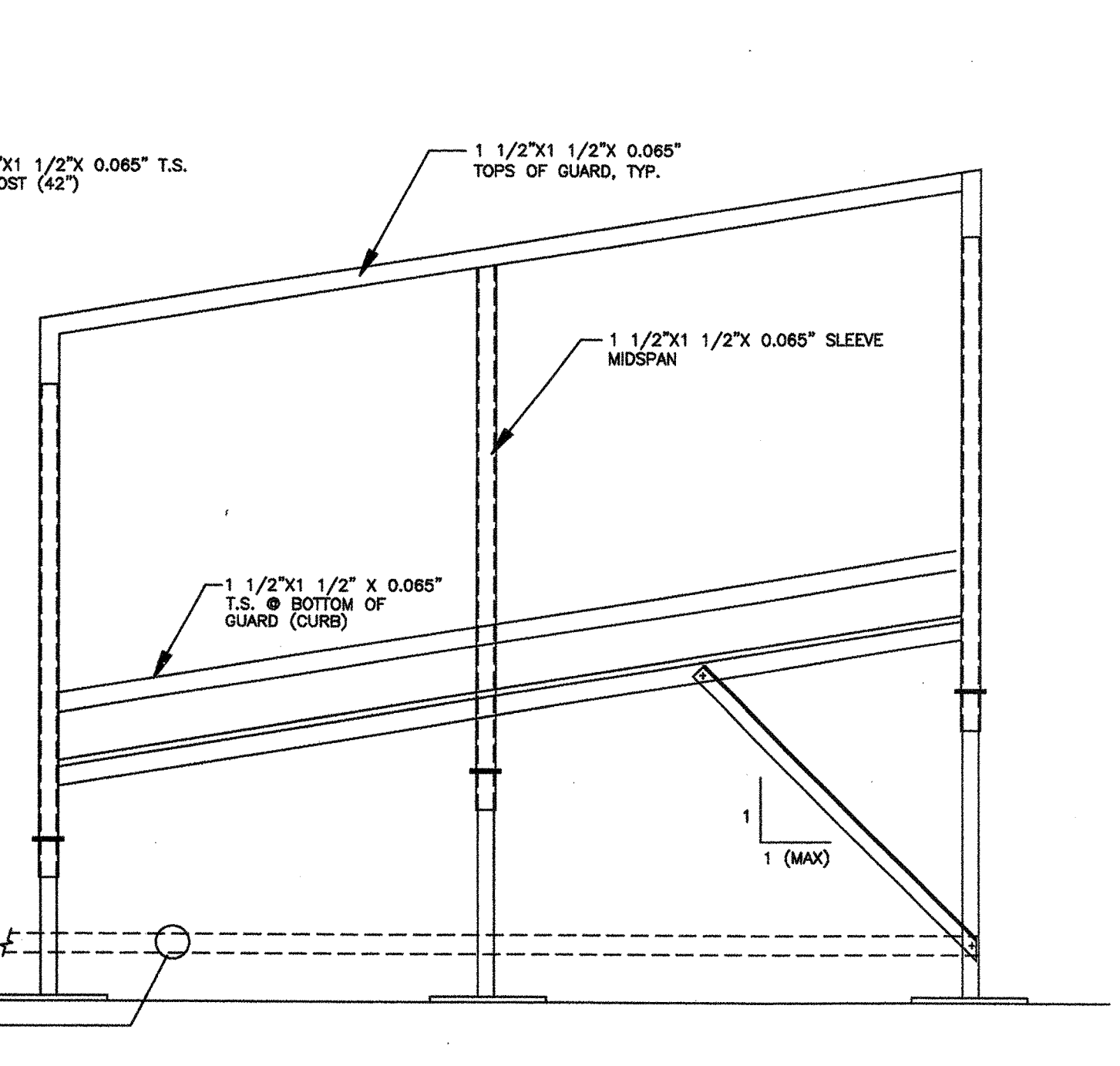
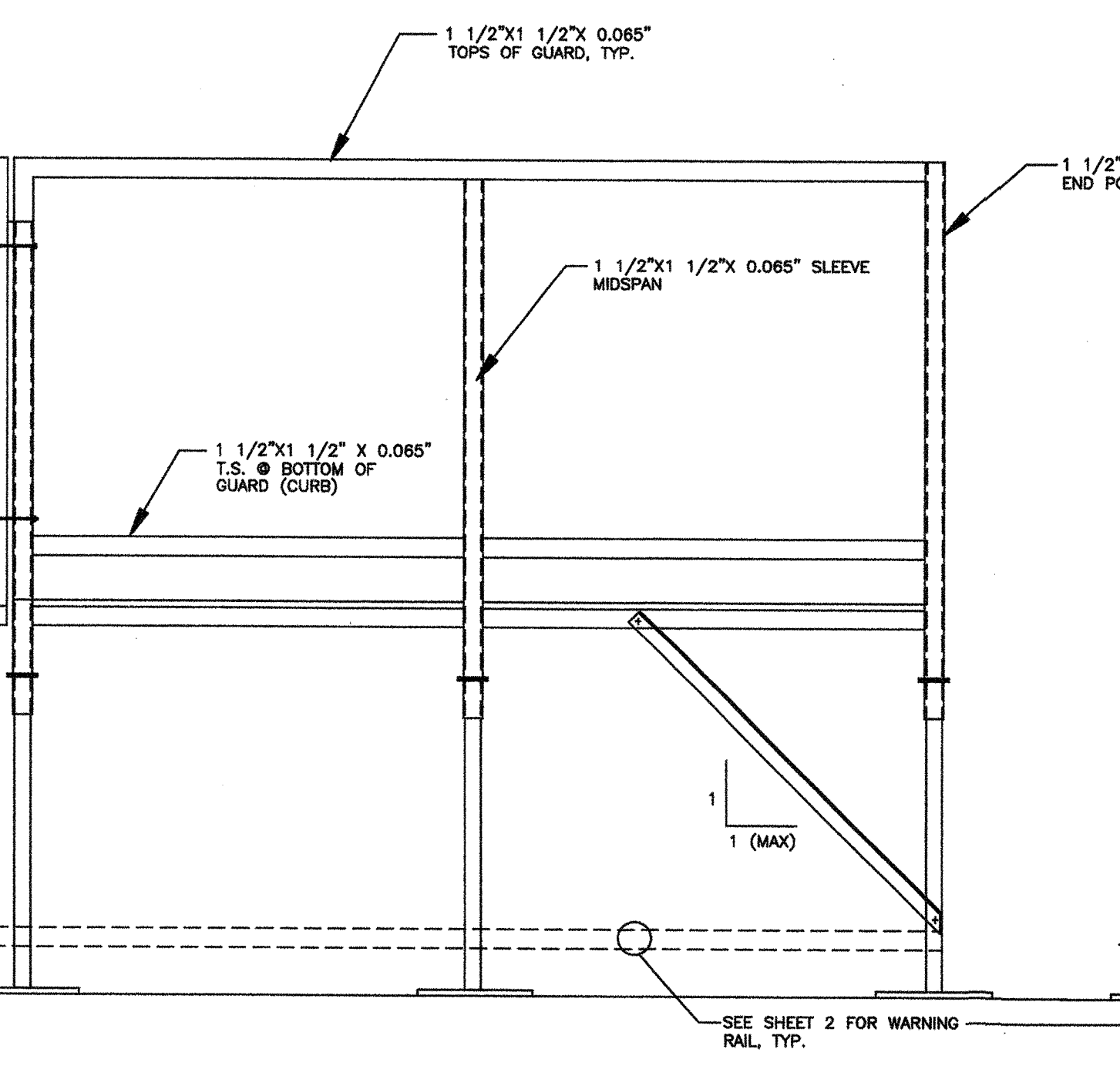
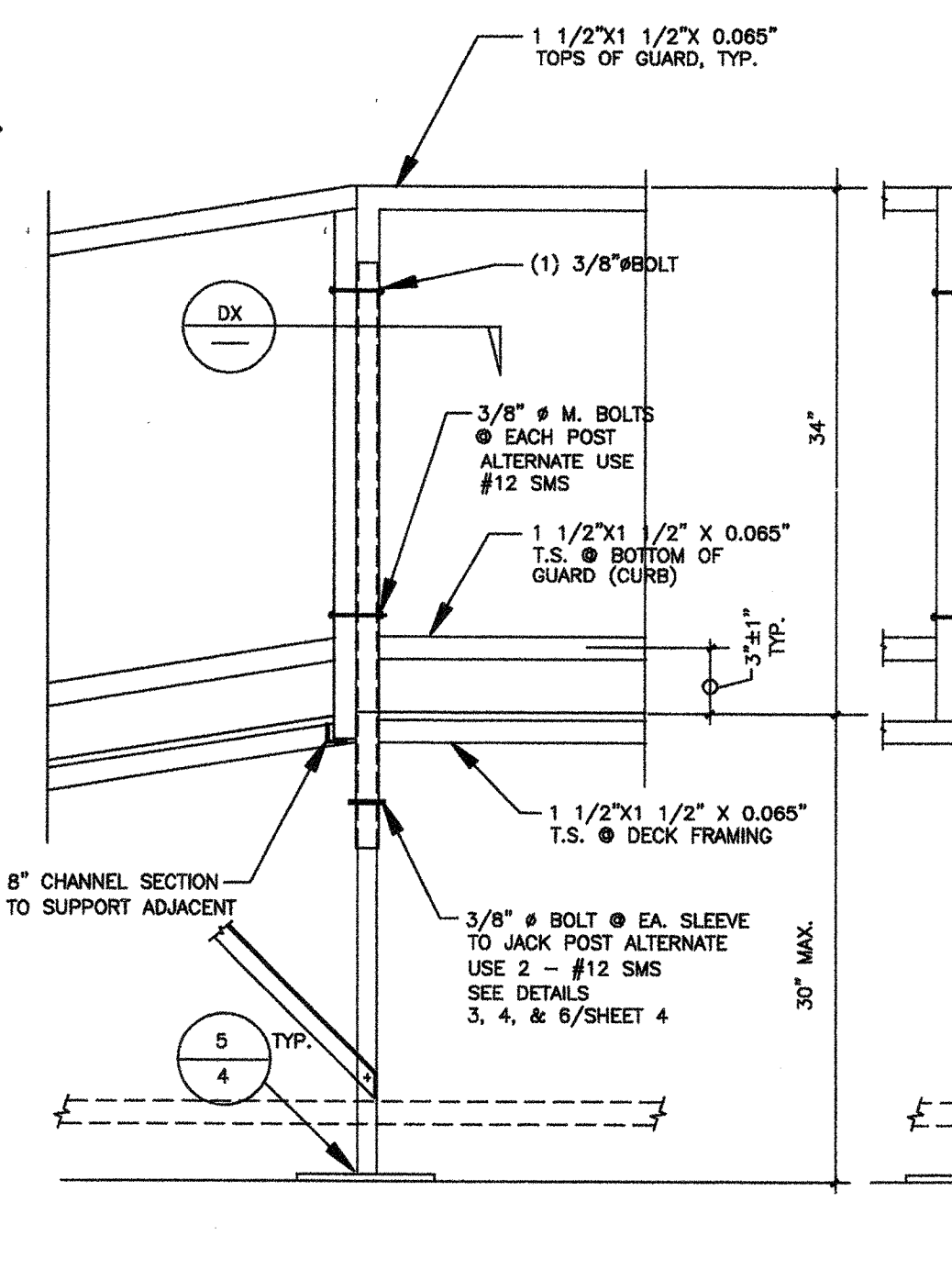
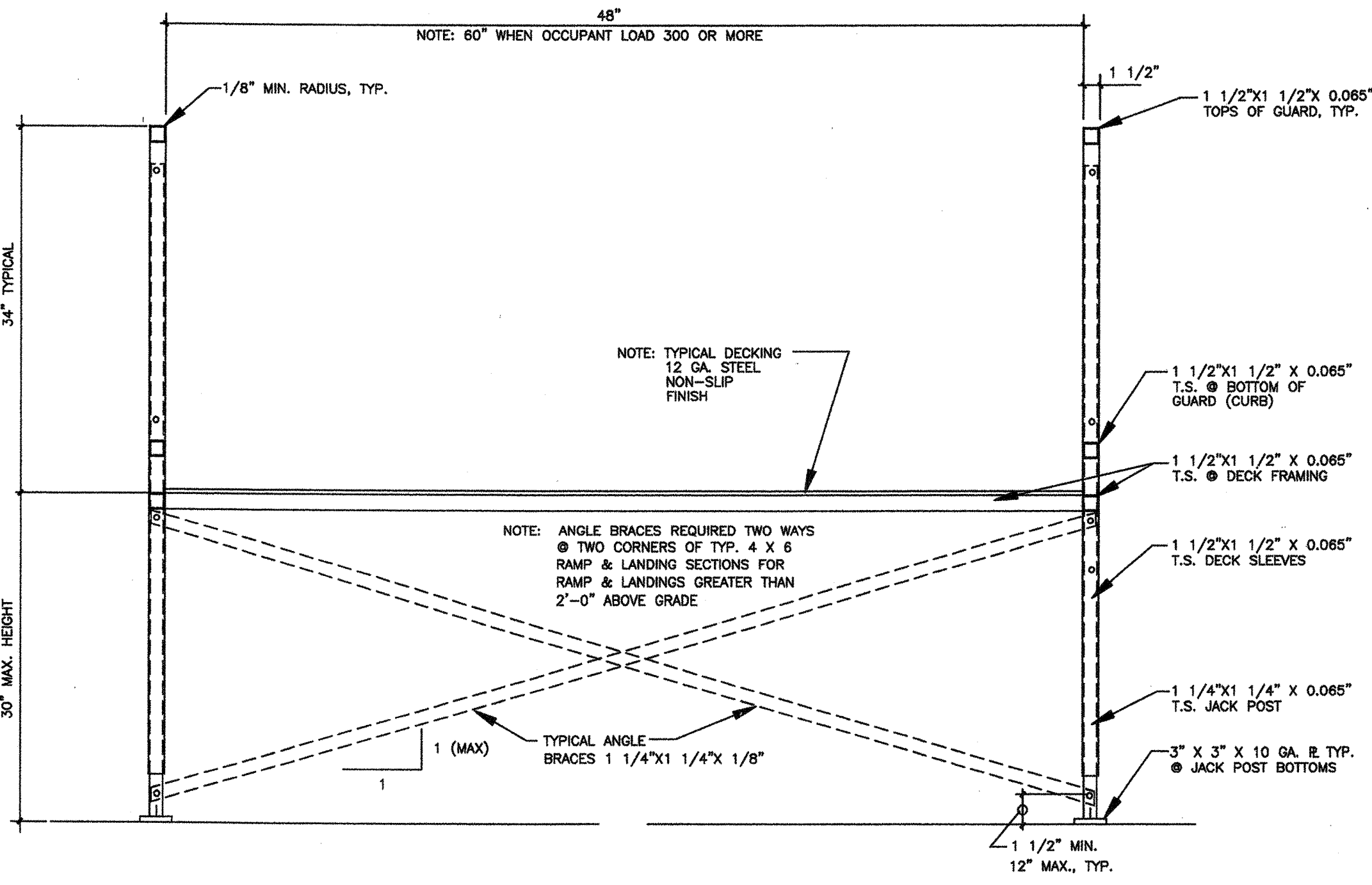


A TYPICAL CROSS SECTIONS +30" SCALE: 1" = 1'-0"

C POST SECTION +30" SCALE: 1" = 1'-0"

E LANDING RAIL LAYOUT +30" SCALE: 1" = 1'-0"

G RAMP RAILING LAYOUT +30" SCALE: 1" = 1'-0"

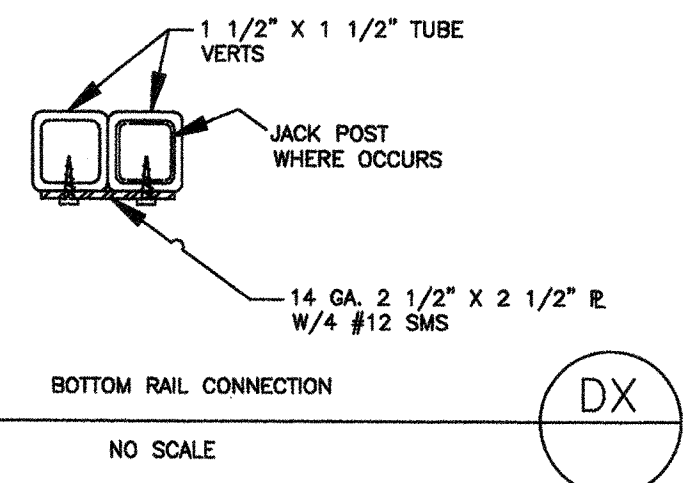


B TYPICAL CROSS SECTIONS -30" SCALE: 1" = 1'-0"

D POST SECTION -30" SCALE: 1" = 1'-0"

F LANDING RAIL LAYOUT -30" SCALE: 1" = 1'-0"

H RAMP RAILING LAYOUT -30" SCALE: 1" = 1'-0"



IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01-115705
ACS FLS SSS
DATE APR 08 2016

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
OFFICE OF THE STATE ARCHITECT
DATE 11 28 14
NO. R. L. G.
DATE AUG 05 2014

PROPRIETARY DESIGN: THIS DRAWING AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF TMP SERVICES, INC. AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND CONSENT OF TMP SERVICES, INC. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATED WITH TMP SERVICES, INC. SHALL BE THE PROPERTY OF TMP SERVICES, INC.

EXL
STRUCTURAL ENGINEERS, INC.

4081 RIVERSIDE DRIVE, SUITE 114
CHINO, CALIFORNIA 91710

MEMBER
STRUCTURAL ENGINEERS ASSOCIATION OF CALIFORNIA
AMERICAN CONCRETE INSTITUTE
(909) 613-0234
Fax(909) 613-0236

REVISIONS	BY

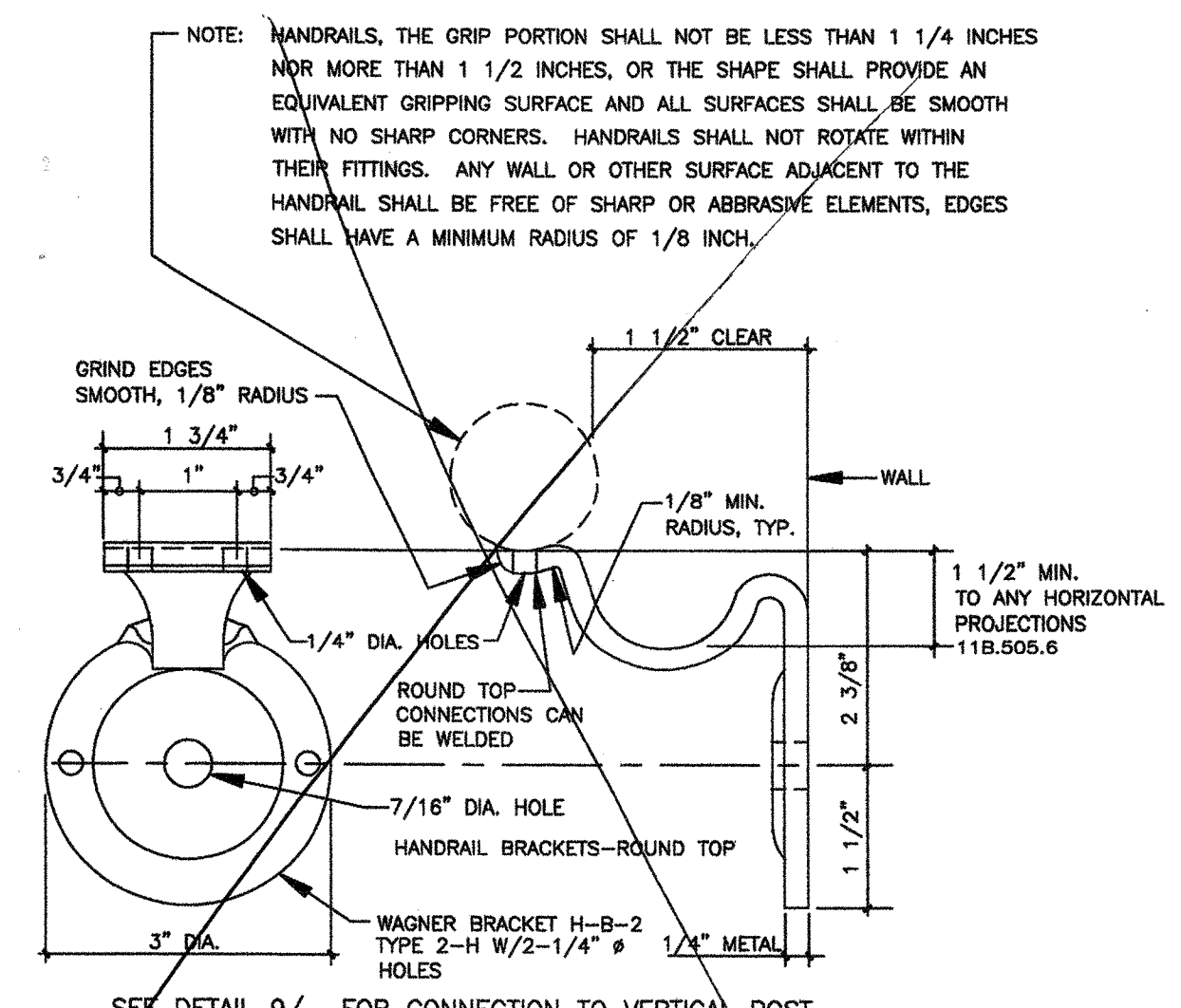
PRE-CHECK (PC) DOCUMENT
CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED



ACCESSIBLE RAMP DETAILS & NOTES
TMP SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213-3997

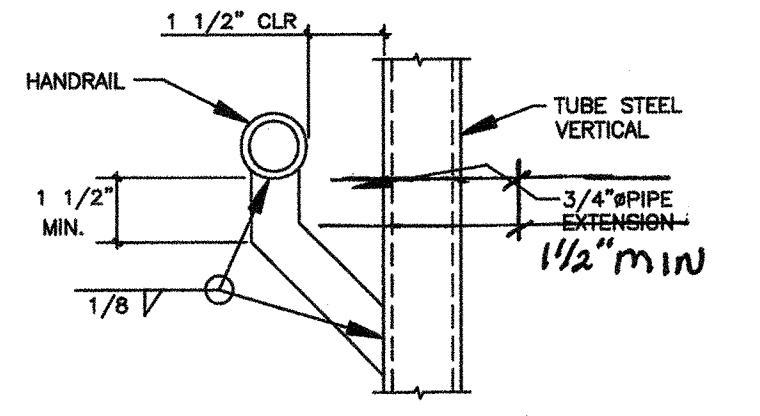
SITE:
STATE OF CALIFORNIA
PC 04-113584-2013 CBC

DRAWN
CHECKED
DATE 28 JULY 2014
SCALE
JOB NO.

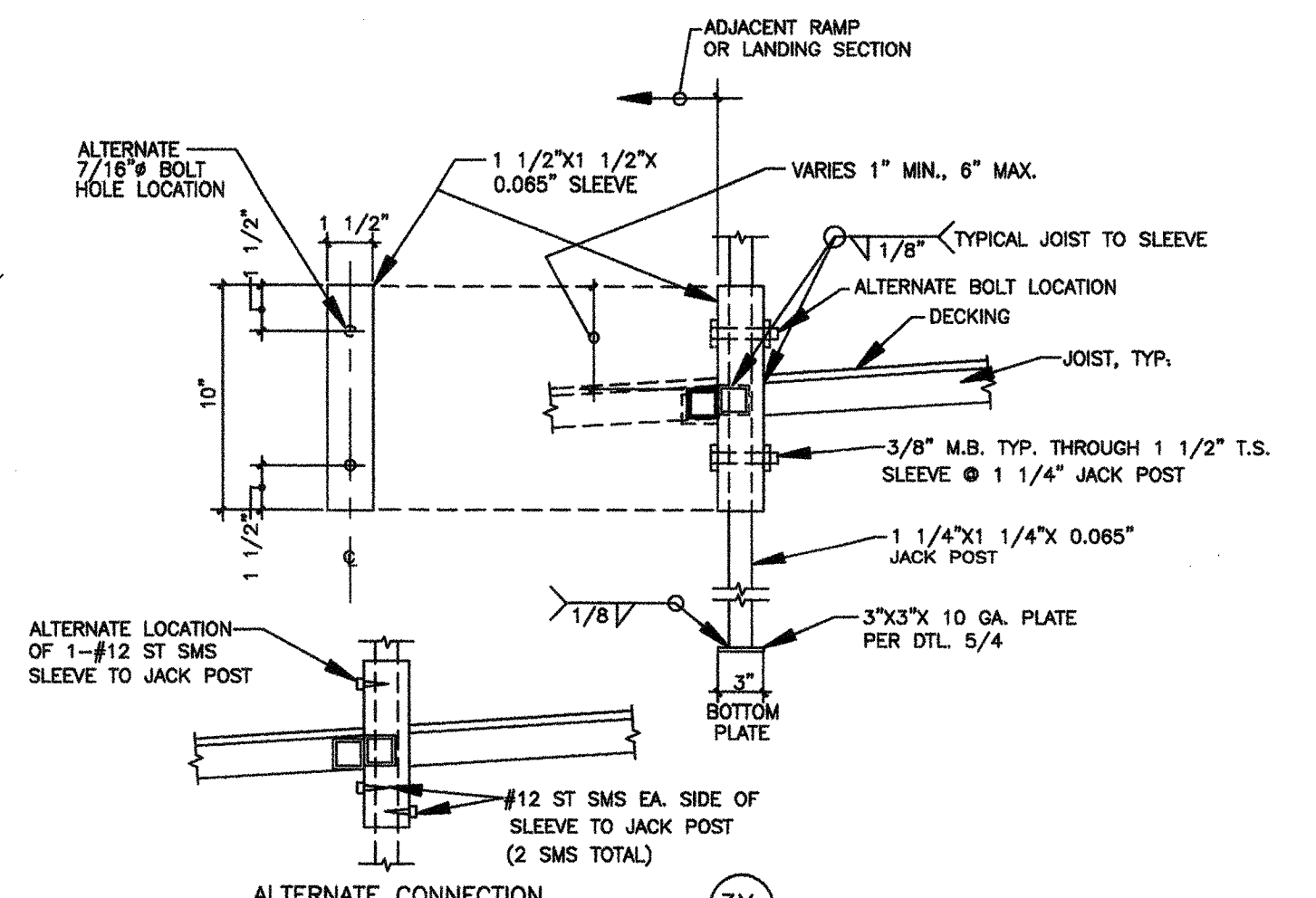


1
4
OPTIONAL HANDRAIL ARMS

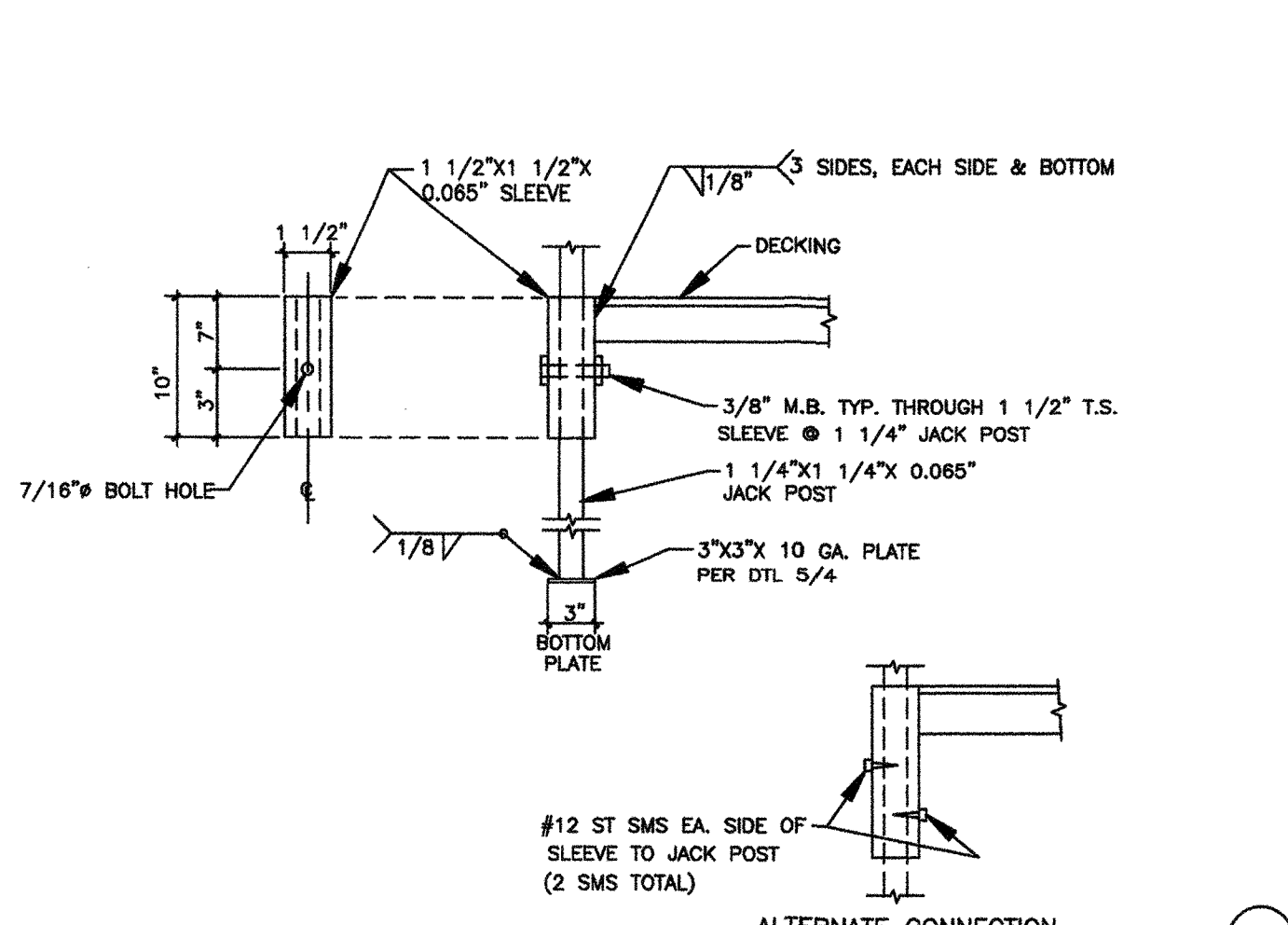
OMITT



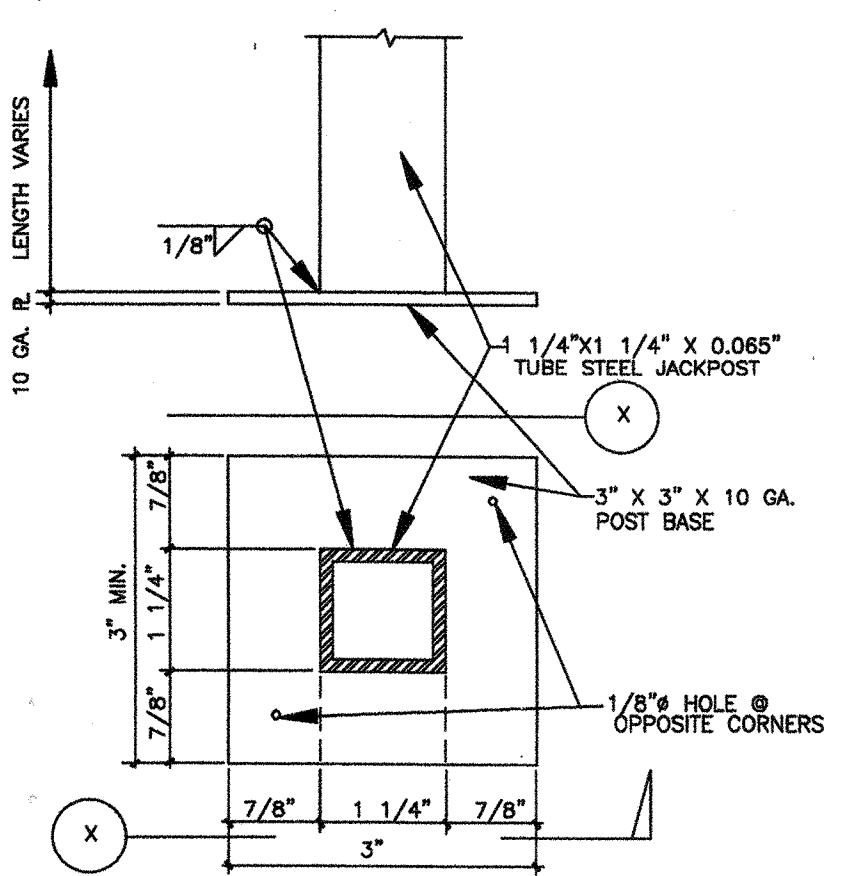
2
4
TYPICAL HANDRAIL ARMS



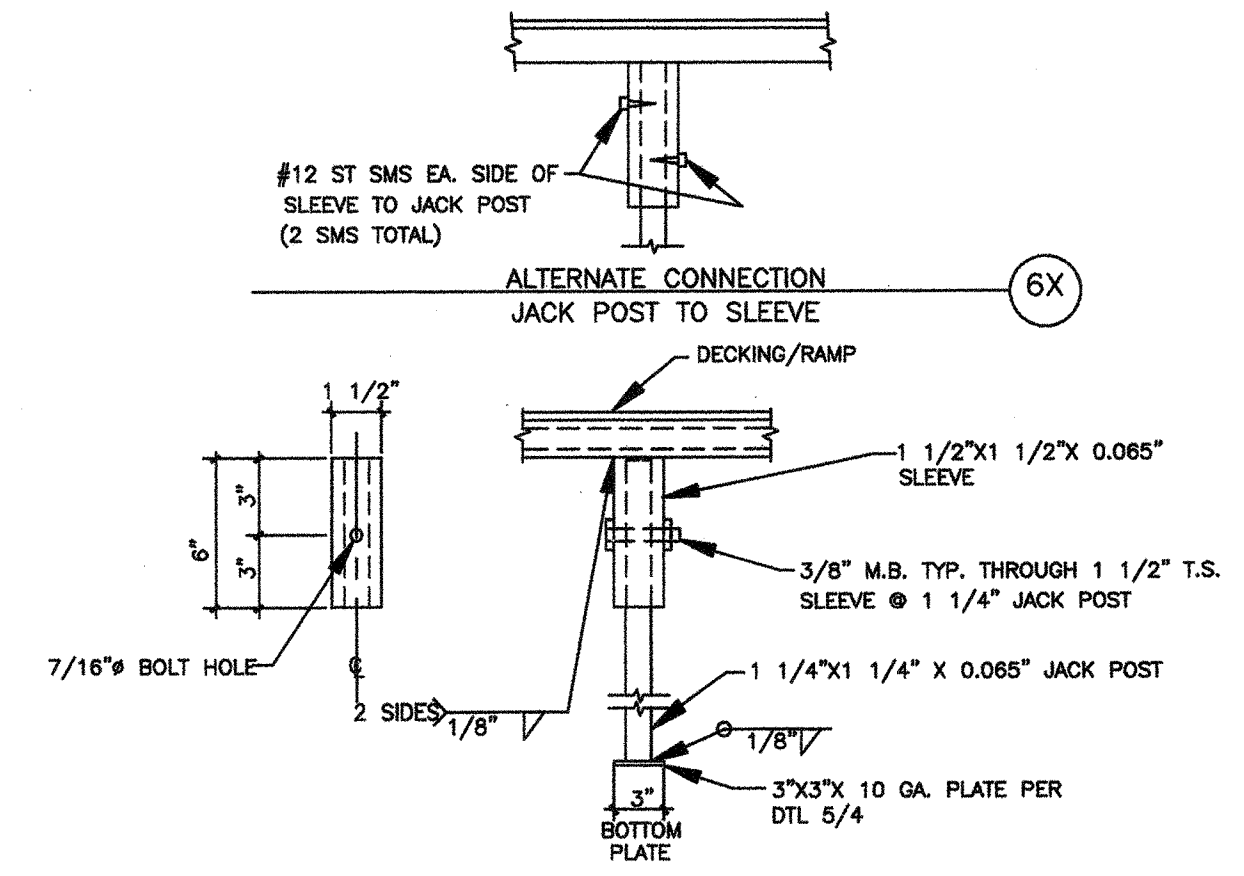
3
4
RAMP POST SLEEVES 1 1/2\"/>



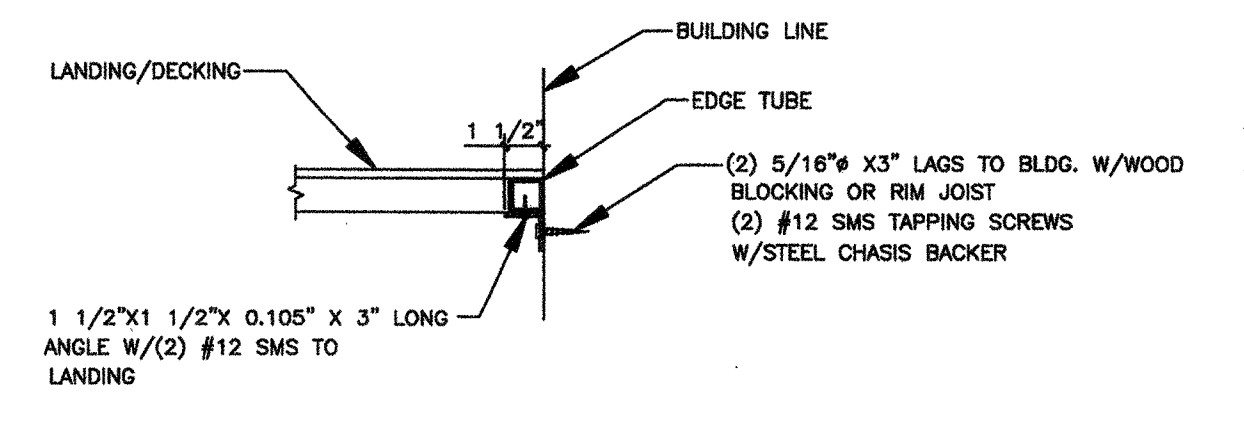
4
4
LANDING POST SLEEVES 1 1/2\"/>



5
4
POST BASE

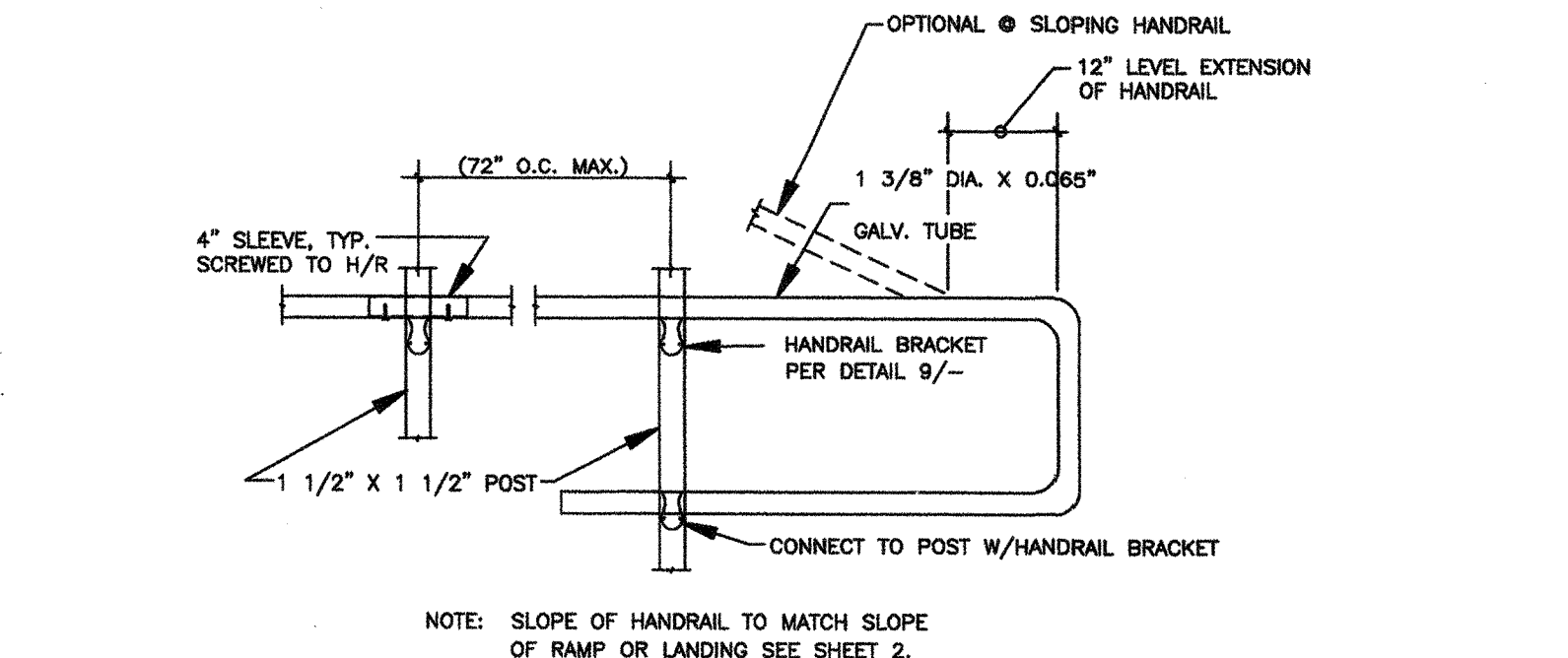


6
4
MID SPAN POST

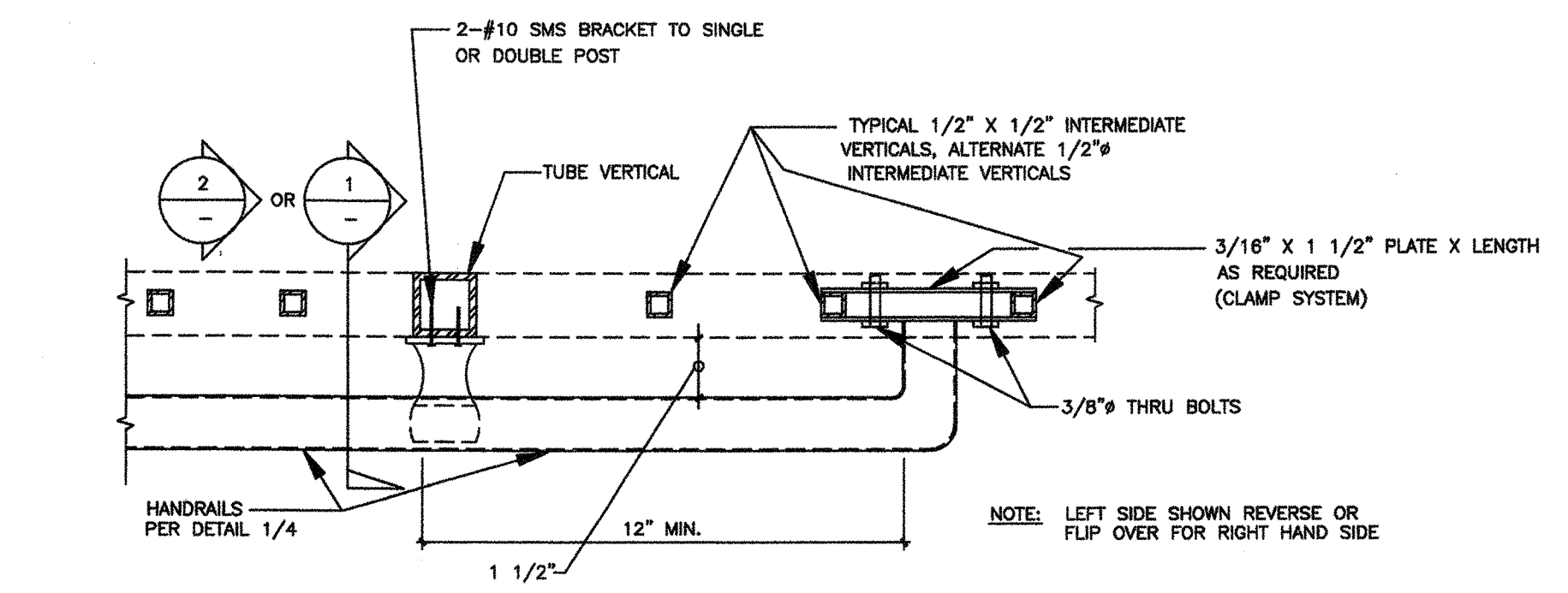


7
4
LANDING TO BUILDING

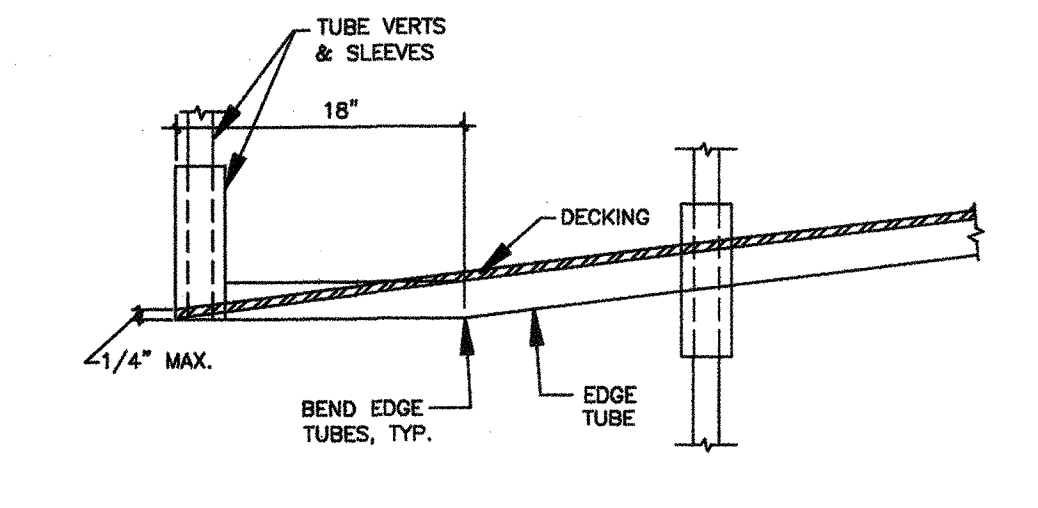
NOTE: DECK SECTIONS ARE FREE STANDING FOR VERTICAL LOADS.



8
4
OPTIONAL CONNECTION @ HANDRAIL DETAIL

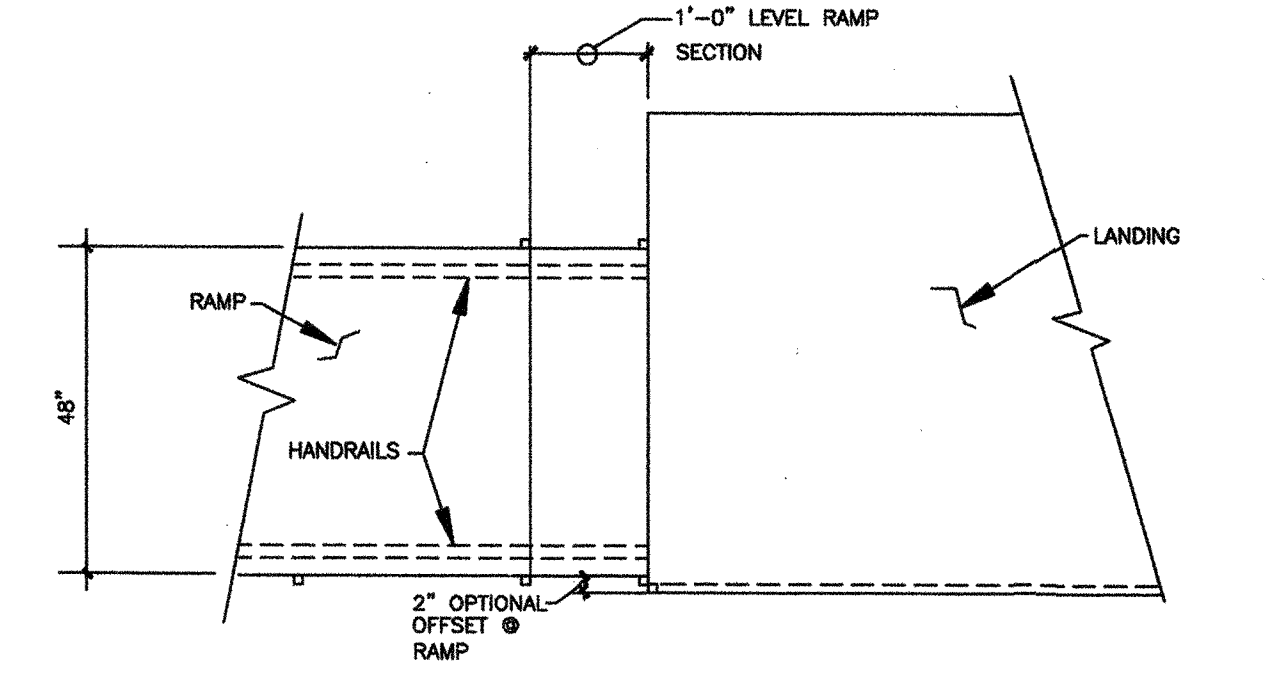


9
4
OPTIONAL HANDRAIL DETAIL @ TOP OF STAIRS OR RAMPS



10
4
TOE @ END OF RAMP

NO SCALE



11
4
NO SCALE

NOTES:
 2013 CALIFORNIA BUILDING CODE (CBC)
 DESIGN LOADS:
 LIVE LOAD: 100 PSF
 WIND LOAD: SEE SHEET 1
 SEISMIC: SEE SHEET 1
 HANDRAIL & GUARD RAIL LOADS:
 50#/FT
 200# POINT LOAD
 MATERIAL SPECIFICATIONS:
 STEEL: ALL TUBE STEEL ASTM A-1008 CS TYPE A OR B (F_y = 40KSI)
 ALL STEEL TO BE COATED WITH A RUST INHIBITIVE COATING
 BOLTS: ASTM A307 COMMON BOLTS NOT DIPPED GALVANIZED
 PLYWOOD OPTION: APA RATED STRUCTURAL EXTERIOR PLYWOOD
 WELDS: ALL WELDING SHALL CONFORM TO "AMERICAN WELDING SOCIETY D-1.3-2008 FOR SHEET STEEL" ELECTRODES SHALL BE E70XX.
 GENERAL NOTES:
 1) RAMPS HAVING SLOPES STEEPER THAN 1 VERTICAL TO 20 HORIZONTAL SHALL HAVE LANDINGS AT TOP AND BOTTOM AND AT LEAST ONE INTERMEDIATE LANDING SHALL BE PROVIDED FOR EACH 30° OF RISE, PER CBC 11B-405.7.
 2) LOCATION OF LANDINGS.
 LANDINGS SHALL BE PROVIDED AT TOP AND BOTTOM OF EACH RAMP. INTERMEDIATE LANDINGS SHALL BE PROVIDED AT INTERVALS NOT EXCEEDING 30 INCHES OF VERTICAL RISE AND AT EACH CHANGE OF DIRECTION. LANDINGS ARE NOT CONSIDERED IN DETERMINING THE MAXIMUM HORIZONTAL DISTANCE OF EACH RAMP.
 NOTE: EXAMPLES OF RAMP DIMENSIONS ARE:

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

 2) SIZE OF TOP LANDINGS. TOP LANDINGS SHALL NOT BE LESS THAN 60 INCHES WIDE AND SHALL HAVE A LENGTH OF NOT LESS THAN 60 INCHES IN THE DIRECTION OF RAMP RUN, PER CBC 11B-405.7.2 AND 3.
 3) DOORS IN ANY POSITION SHALL NOT REDUCE THE MINIMUM DIMENSION OF THE LANDING TO LESS THAN 42" AND SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN 3" WHEN FULLY OPENED, CBC 11B-405.7.5.
 4) RAMPS SHALL BE CONSTRUCTED AS REQUIRED FOR STAIRWAYS.
 5) THE SURFACE OF RAMPS SHALL BE ROUGHED OR SHALL BE OF RESISTANT MATERIAL, TYP. FOR LANDINGS & STAIRS.
 6) RAMPS REQUIREMENTS SHALL BE PER CBC 11B-405.
 7) RAMPS AND STAIRWAYS USED AS EXIT SHALL CONFORM TO CBC SEC. 1009 SEC. 1010, CHAPTER 11B AND 11B-405.5.
 8) HANDRAILS AND GUARDRAILS SHALL CONFORM TO CBC 11B-405.8 (RAMP), AND 11B-504 (STAIRS).
 9) RAMPS SHALL CONFORM TO CBC 11B-405.
 10) STRIKE EDGE EXTENSION THE WIDTH OF THE LANDING SHALL EXTEND 24" PAST THE STRIKE EDGE OF ANY DOOR OR GATE FOR EXTERIOR RAMPS AND 18" PAST THE STRIKE EDGE FOR INTERIOR RAMPS.
 11) LANDING WIDTH. AT BOTTOM AND INTERMEDIATE LANDINGS, THE WIDTH SHALL BE AT LEAST THE SAME AS REQUIRED FOR RAMPS, CBC 11B-405.7.4.
 12) THE WIDTH OF RAMPS SHALL BE AS REQUIRED PER STAIRWAYS AND EXITS, CBC 11B-405.5.
 13) SLOPE RAMPS AND LANDINGS AS REQUIRED TO PREVENT ACCUMULATION OF WATER ON WALKING SURFACES.
 14) ALL WORK SHALL CONFORM TO TITLE 24 CALIFORNIA CODE OF REGULATIONS (CCR).
 15) CHANGES TO APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CHANGE ORDER APPROVED BY THE DIVISION OF THE STATE ARCHITECT AS REQUIRED BY SECTION 4-336, PART 1 TITLE 24, CCR.
 16) A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4.342 PART 1 TITLE 24 CCR.
 IN PLANT: SHOP WELDING INSPECTION AND MATERIAL VERIFICATION
 SITE CONSTRUCTION: CLASS 4

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APPL 113-115705
 ACS FLS 113-115705
 DATE APR 08 2016
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 OFFICE OF THE STATE ARCHITECT
 113584
 ACS FLS 113-115705
 DATE AUG 05 2014

REVISIONS	BY

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



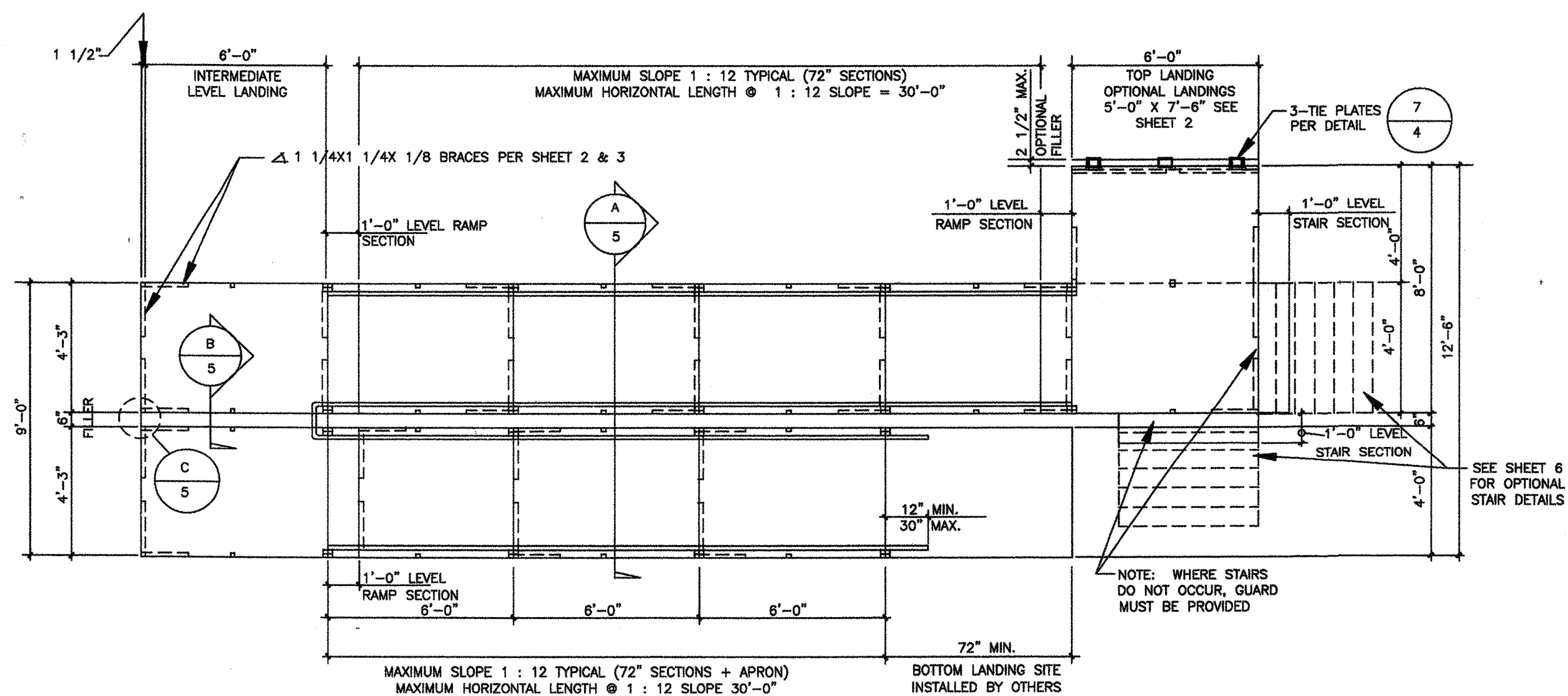
DETAILS AND NOTES
 TMP SERVICES
 2929 KANSAS AVE.
 RIVERSIDE, CA 92507
 PHONE: (951) 213-3900
 FAX: (951) 213-3997

SITE:
 STATE OF CALIFORNIA
 PC 04-113584-2013 CBC

PROPRIETARY DESIGN: THIS DRAWING AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF TMP SERVICES, INC. AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND CONSENT OF TMP SERVICES, INC. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATED WITH TMP SERVICES, INC. SHALL BE THE PROPERTY OF TMP SERVICES, INC.

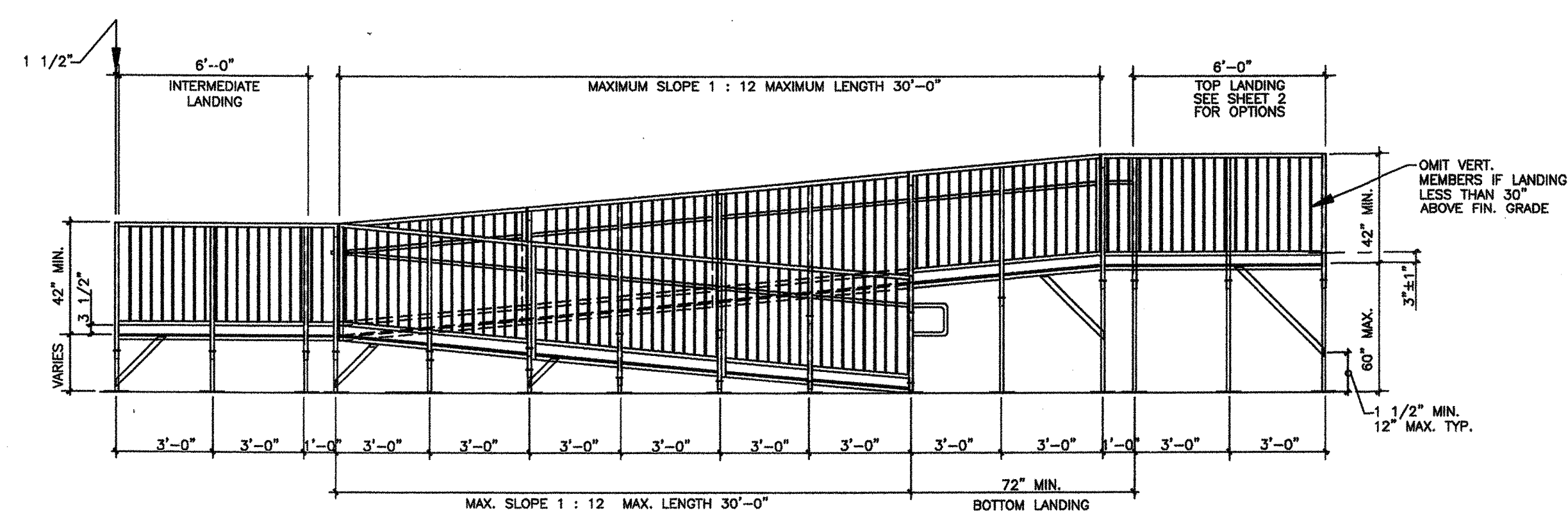
MEMBER
EXL
 STRUCTURAL ENGINEERS, INC.
 4081 RIVERSIDE DRIVE, SUITE 114
 CHINO, CALIFORNIA 91710
 (909) 613-0234
 Fax: (909) 613-0238

DRAWN
CHECKED
DATE 28 JULY 2014
SCALE
JOB NO.
OF 8 SHEETS



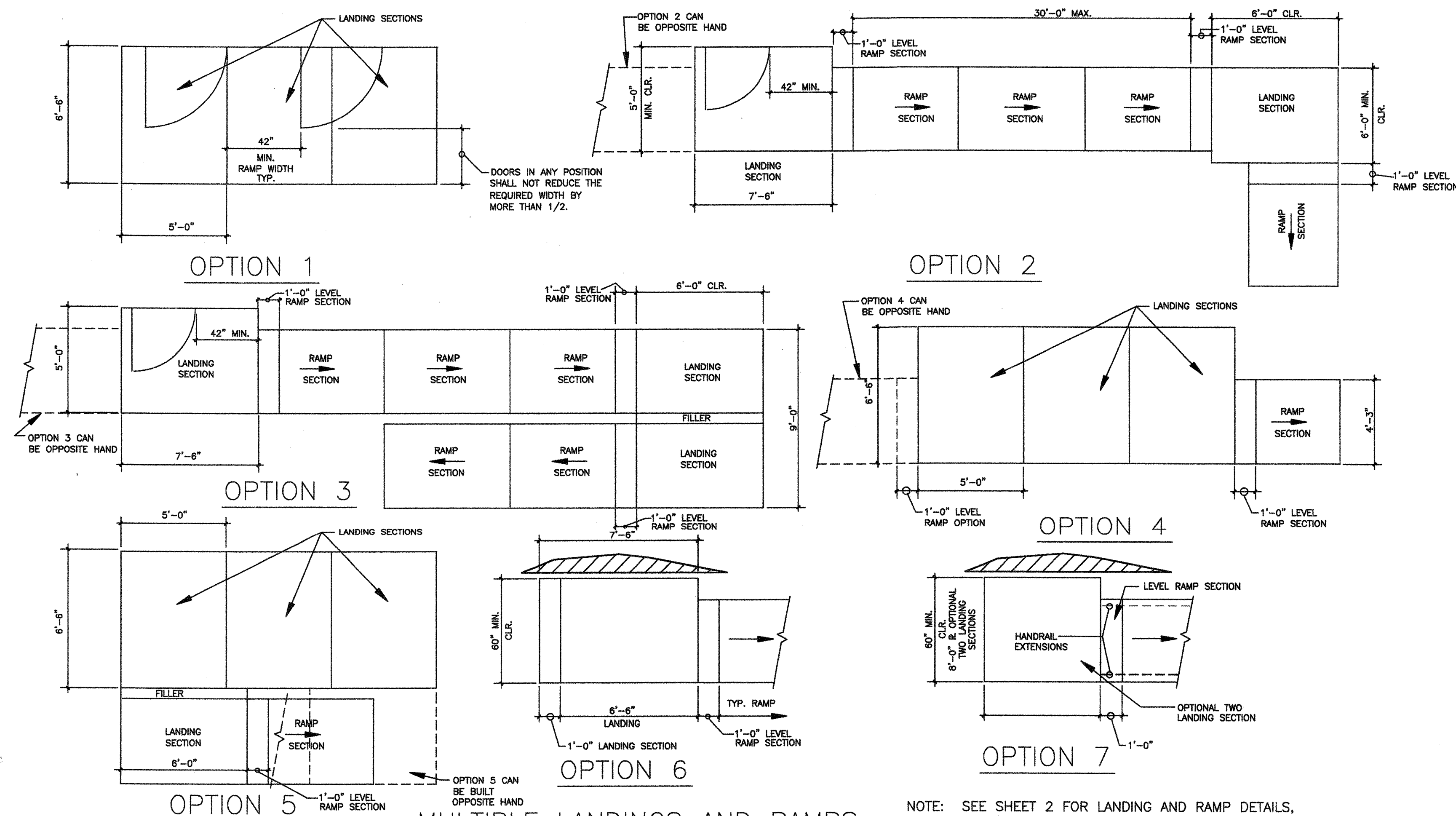
TYPICAL PLAN VIEW OF ACCESSIBLE RAMP WITH SWITCH-BACK & PLATFORMS

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



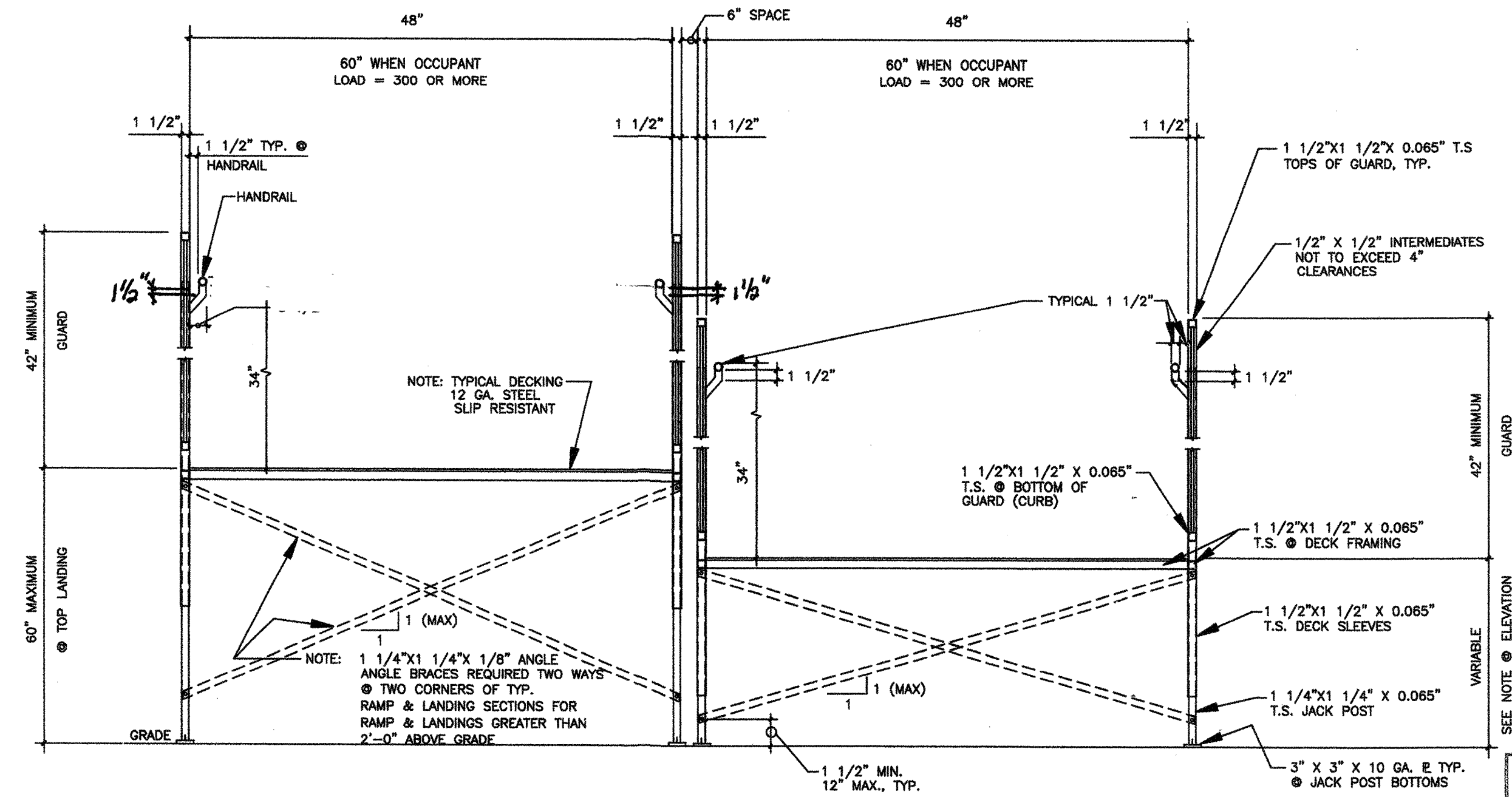
TYPICAL ELEVATION OF ACCESSIBLE RAMP W/SWITCH-BACK RAMP

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



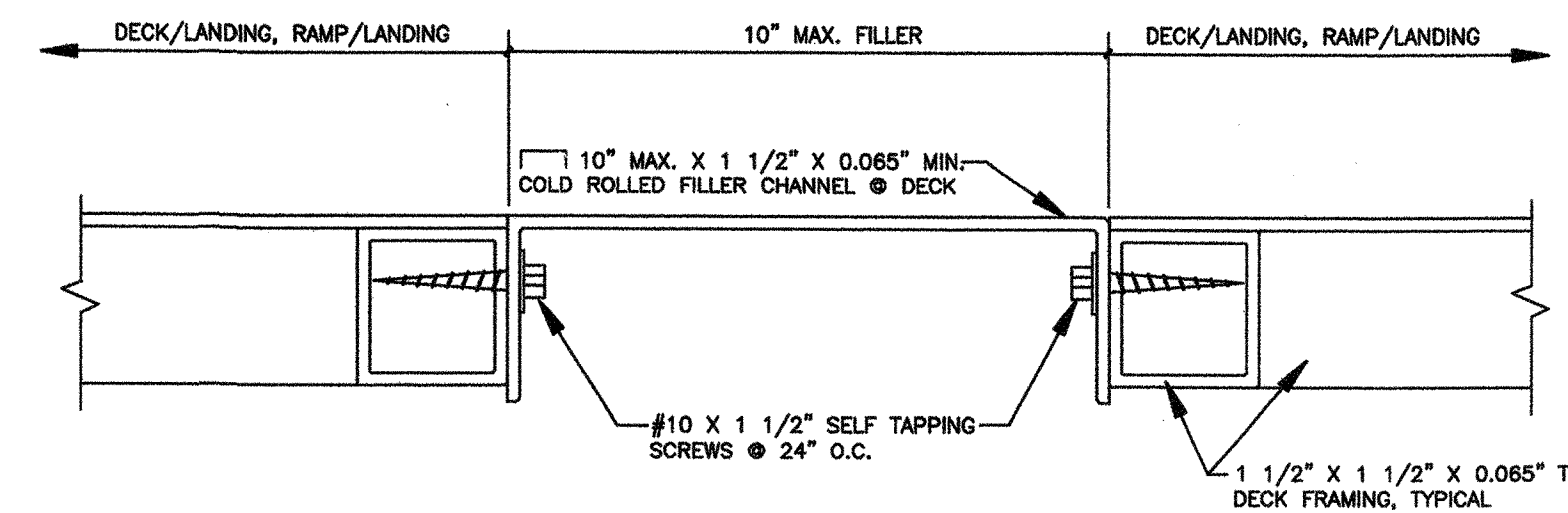
MULTIPLE LANDINGS AND RAMPS

NOTE: SEE SHEET 2 FOR LANDING AND RAMP DETAILS, SEE SHEET 6 FOR TYPICAL STAIRS



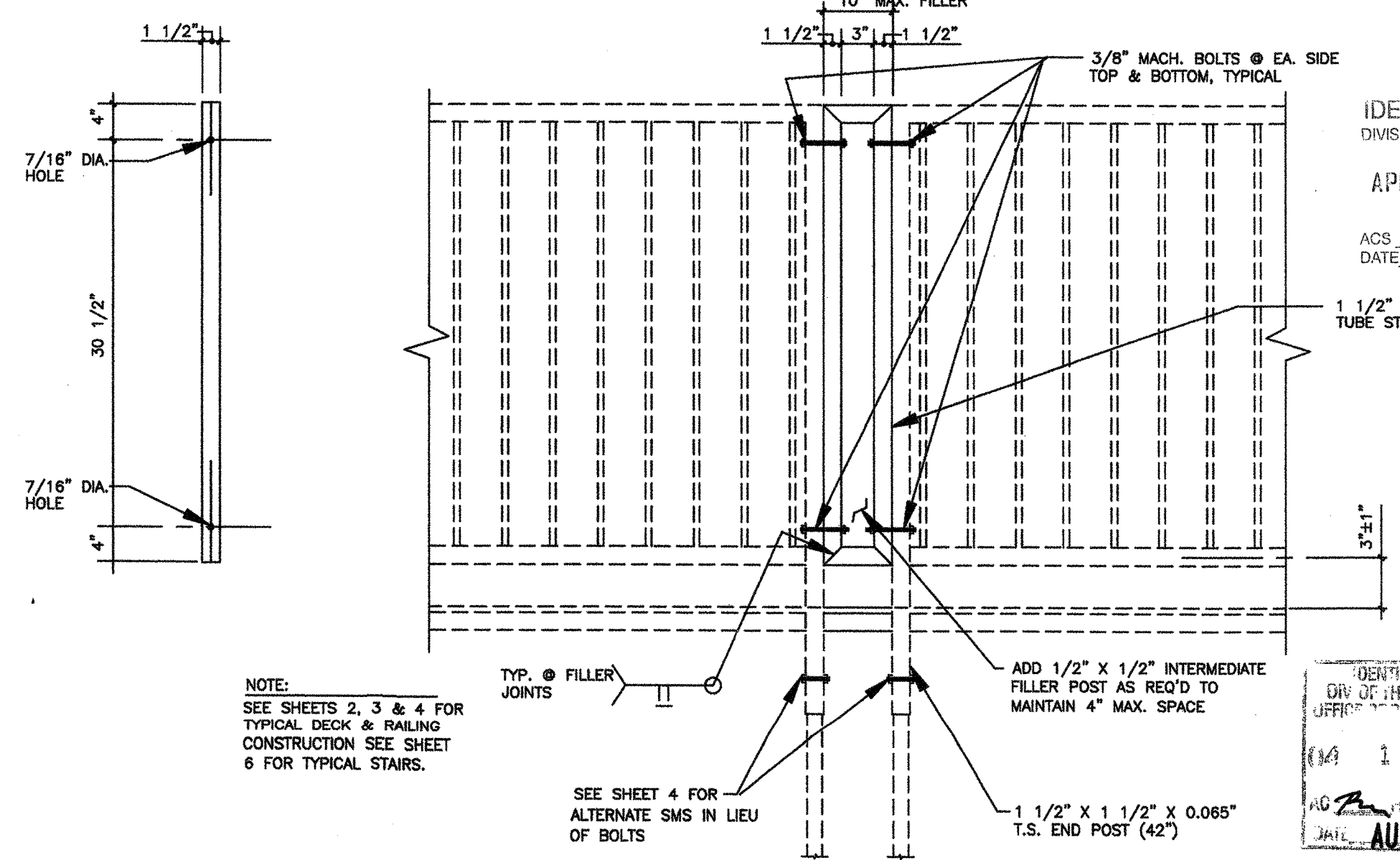
TYPICAL CROSS SECTIONS

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



TYPICAL DECK CROSS SECTION

SCALE: 1/2" = 1'-0"



TYPICAL GUARDRAIL FILLER

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

PROPRIETARY DESIGN: THIS DRAWING AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF TMP SERVICES, INC. AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND CONSENT OF TMP SERVICES, INC. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATED WITH TMP SERVICES, INC. SHALL BE THE PROPERTY OF TMP SERVICES, INC.

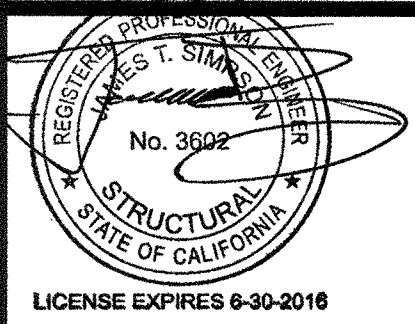
EXL
STRUCTURAL ENGINEERS, INC.

4091 RIVERSIDE DRIVE, SUITE 114
CHINO, CALIFORNIA 91710

MEMBER
STRUCTURAL ENGINEERS
ASSOCIATION OF CALIFORNIA
AMERICAN CONCRETE
INSTITUTE
(909) 613-0234
Fax(909) 613-0238

REVISIONS	BY

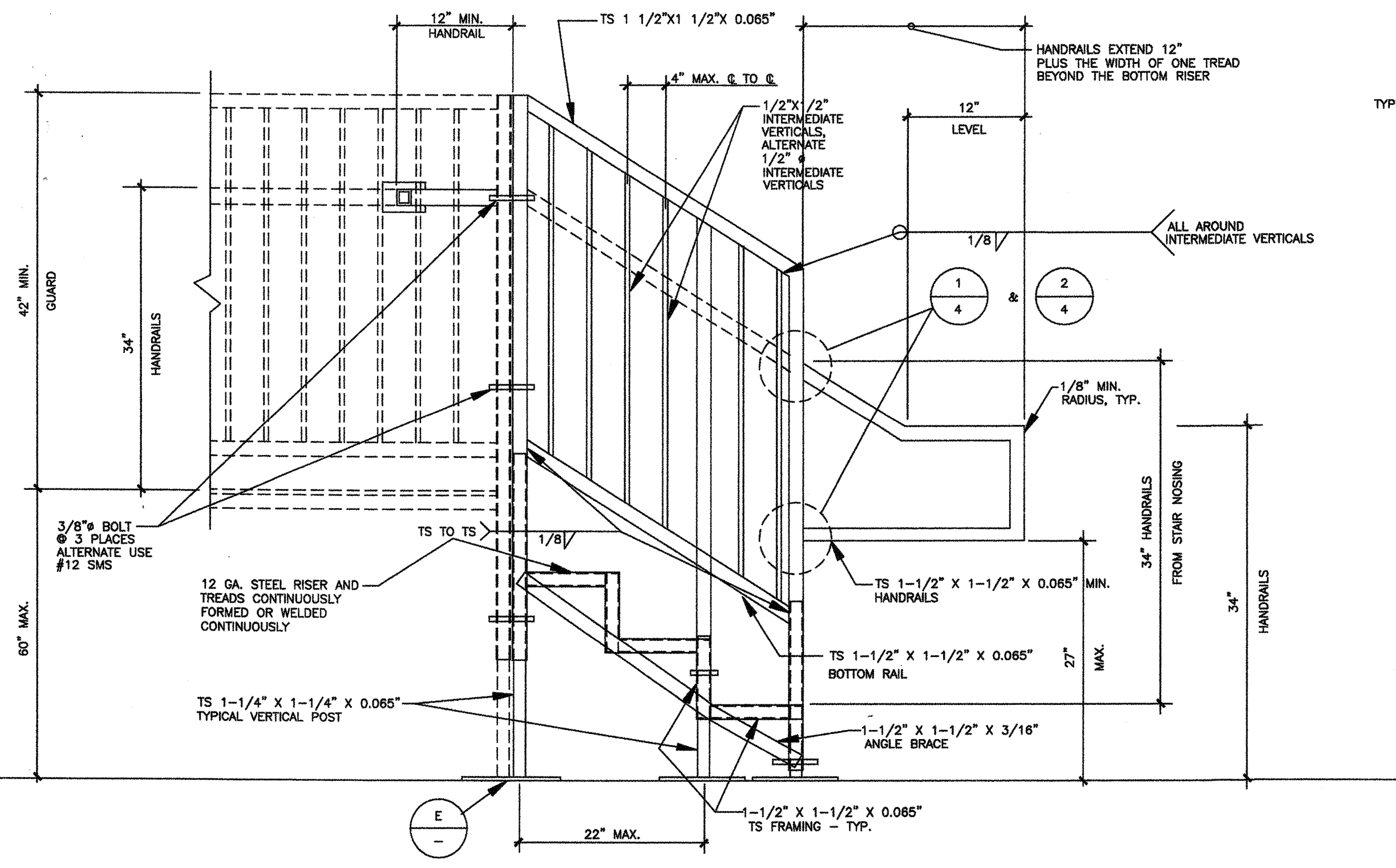
PRE-CHECK (PC) DOCUMENT
CODE: 2013 CBC
A SEPARATE PROJECT
APPLICATION FOR CONSTRUCTION
IS REQUIRED



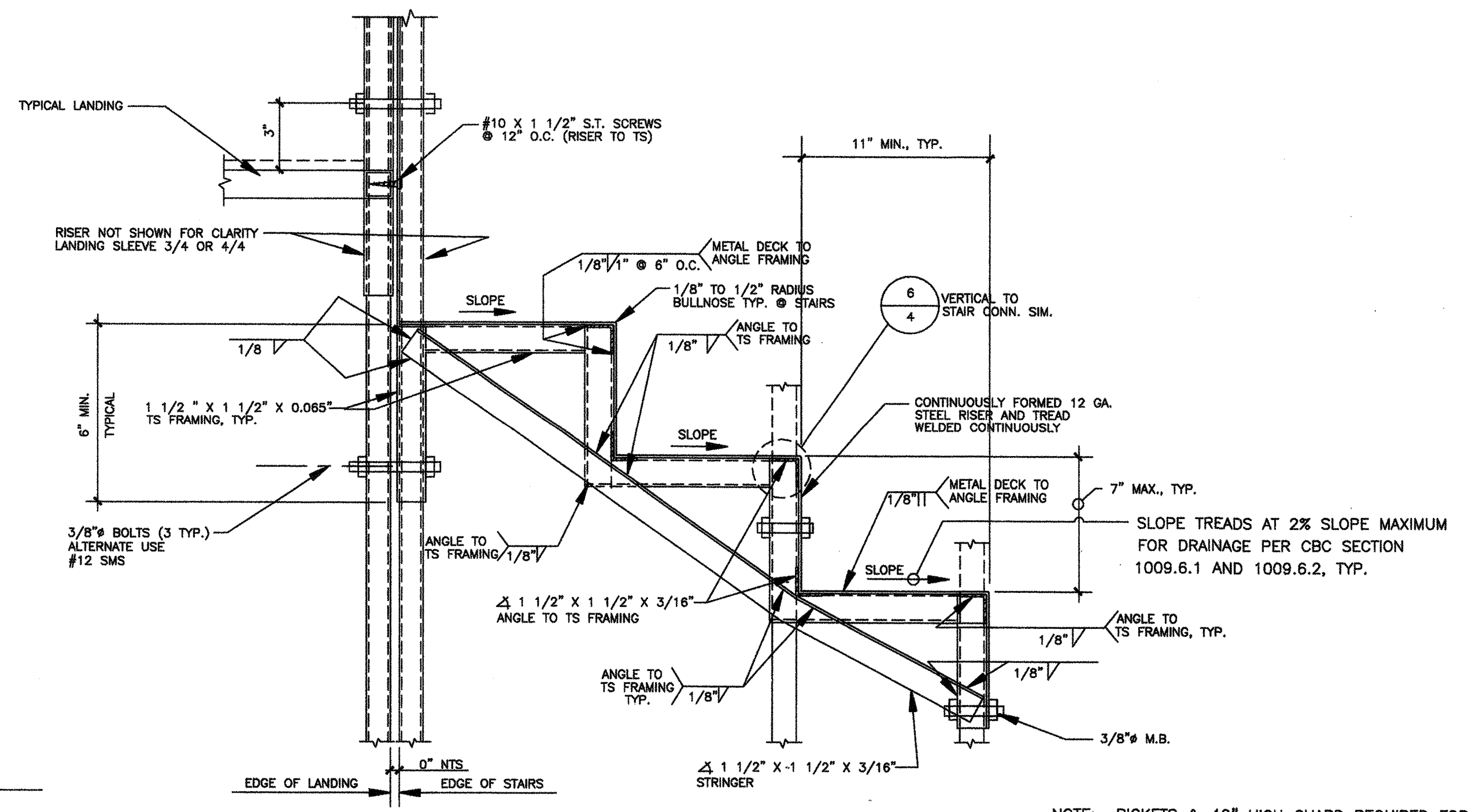
ACCESSIBLE RAMP
SWITCHBACK DETAILS
TMP SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213-3997

SITE:
STATE OF CALIFORNIA
PC 04-113584-2013 CBC

DRAWN
CHECKED
DATE 28 JULY 2014
SCALE
JOB NO.
5
OF 8 SHEETS



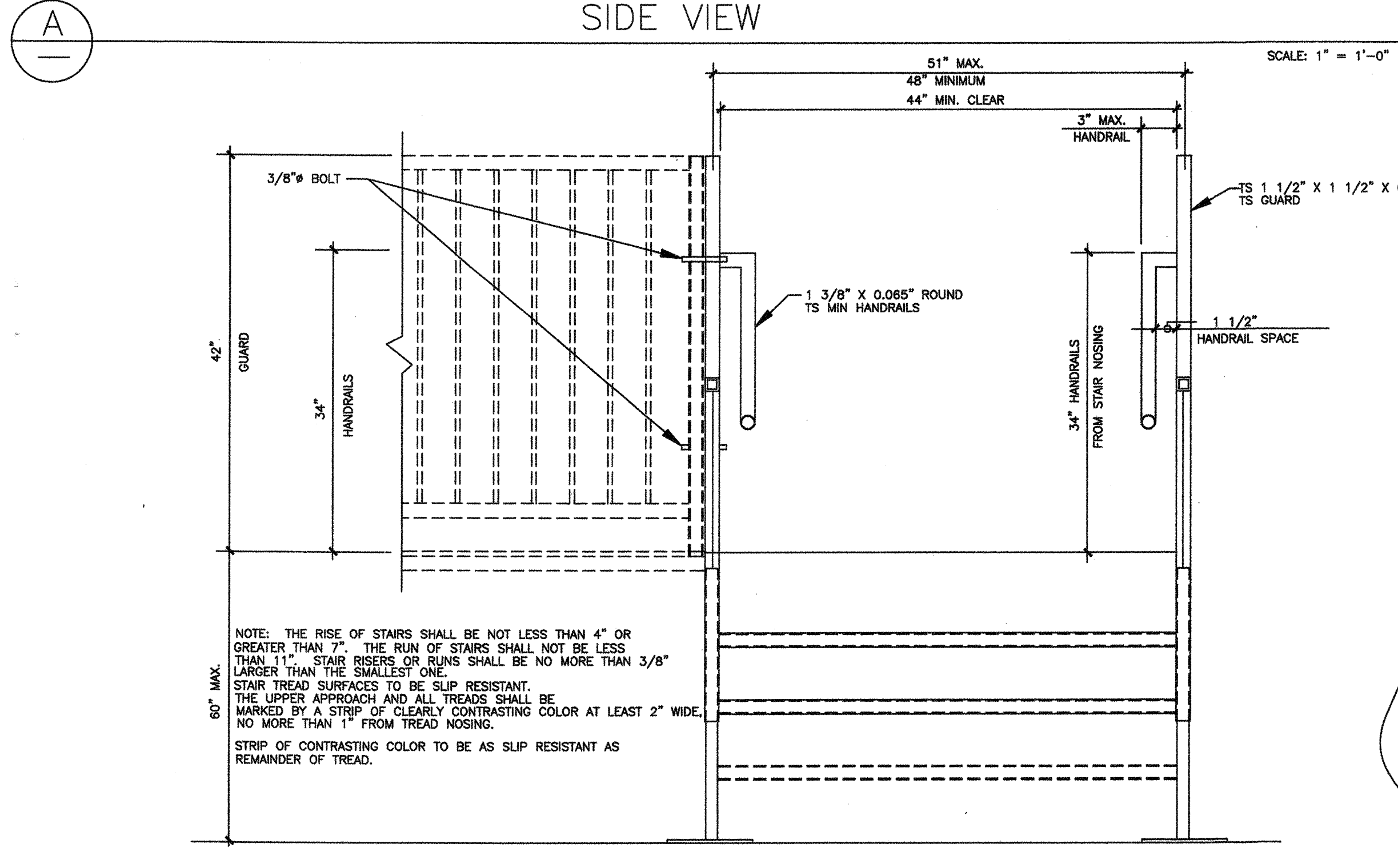
SIDE VIEW



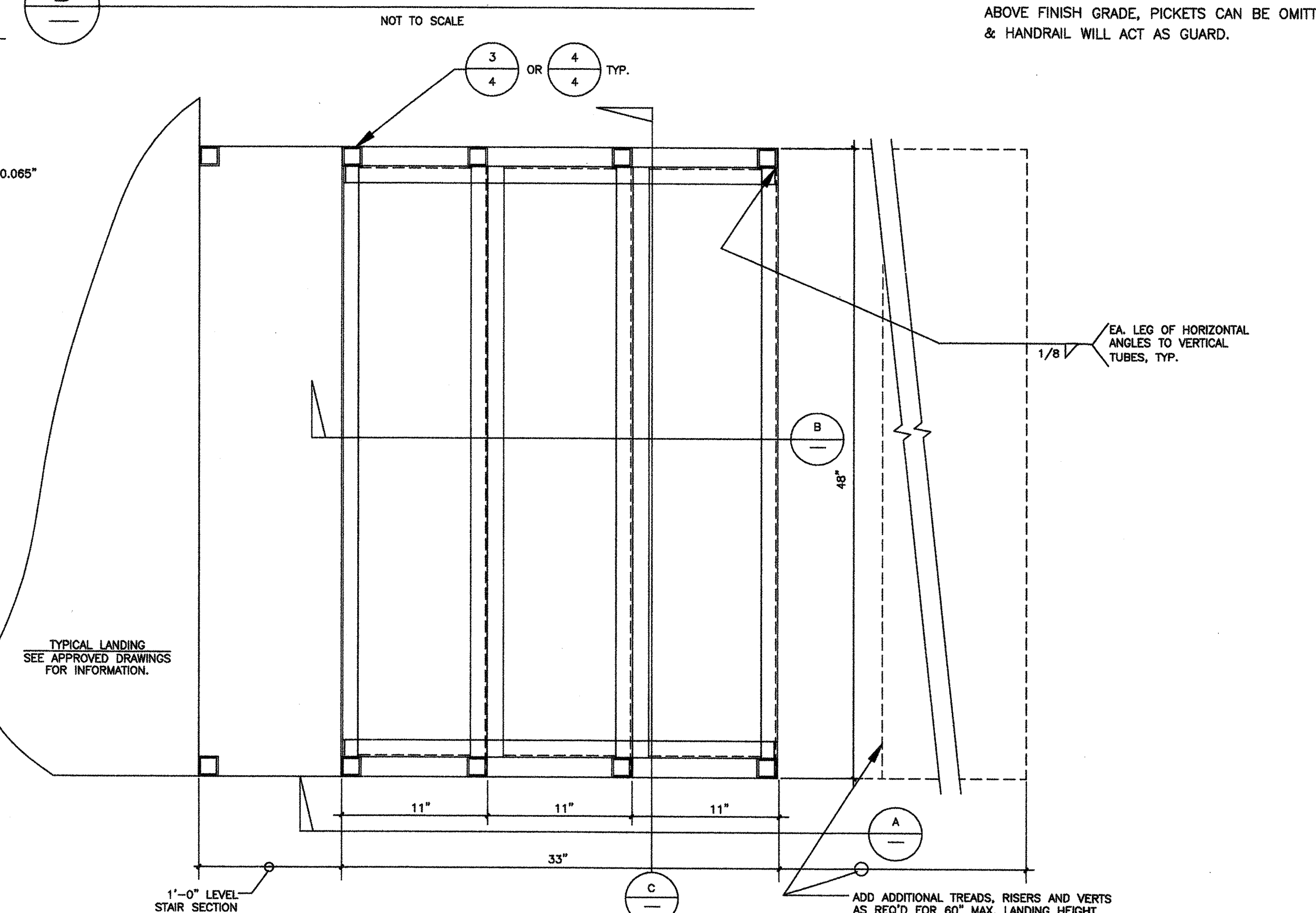
SECTION

NOTE: PICKETS & 42" HIGH GUARD REQUIRED FOR THRESHOLD HEIGHTS GREATER THAN 30" ABOVE FINISH GRADE. FOR THRESHOLD HEIGHTS LESS THAN 30" ABOVE FINISH GRADE, PICKETS CAN BE OMITTED & HANDRAIL WILL ACT AS GUARD.

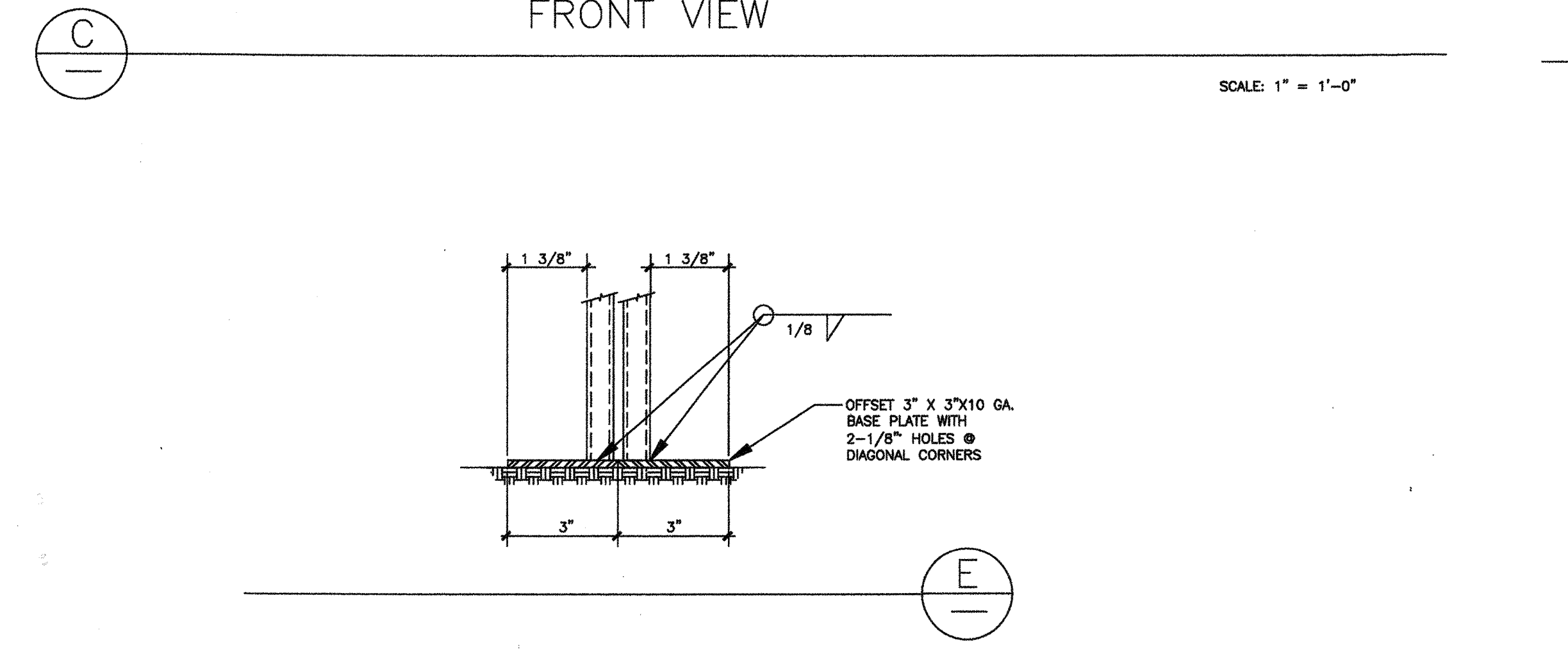
DATE SIGNED
JUL 28 2014



FRONT VIEW



PLAN VIEW



E

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 11-115705
ACS FLS
DATE APR 08 2016

IDENTIFICATION STAMP
DIV OF THE STATE ARCHITECT
APPROVED FOR CONSTRUCTION
11584
AUG 05 2014

PROPRIETARY DESIGN: THIS DRAWING AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF TMP SERVICES, INC. AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND CONSENT OF TMP SERVICES, INC. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATED WITH TMP SERVICES, INC. SHALL BE THE PROPERTY OF TMP SERVICES, INC.

EXL
STRUCTURAL ENGINEERS, INC.

MEMBER
STRUCTURAL ENGINEERS
ASSOCIATION OF CALIFORNIA

AMERICAN CONCRETE
INSTITUTE

4091 RIVERSIDE DRIVE, SUITE 114
CHINO, CALIFORNIA 91710

(909) 613-0234
Fax(909) 613-0238

REVISIONS	BY

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

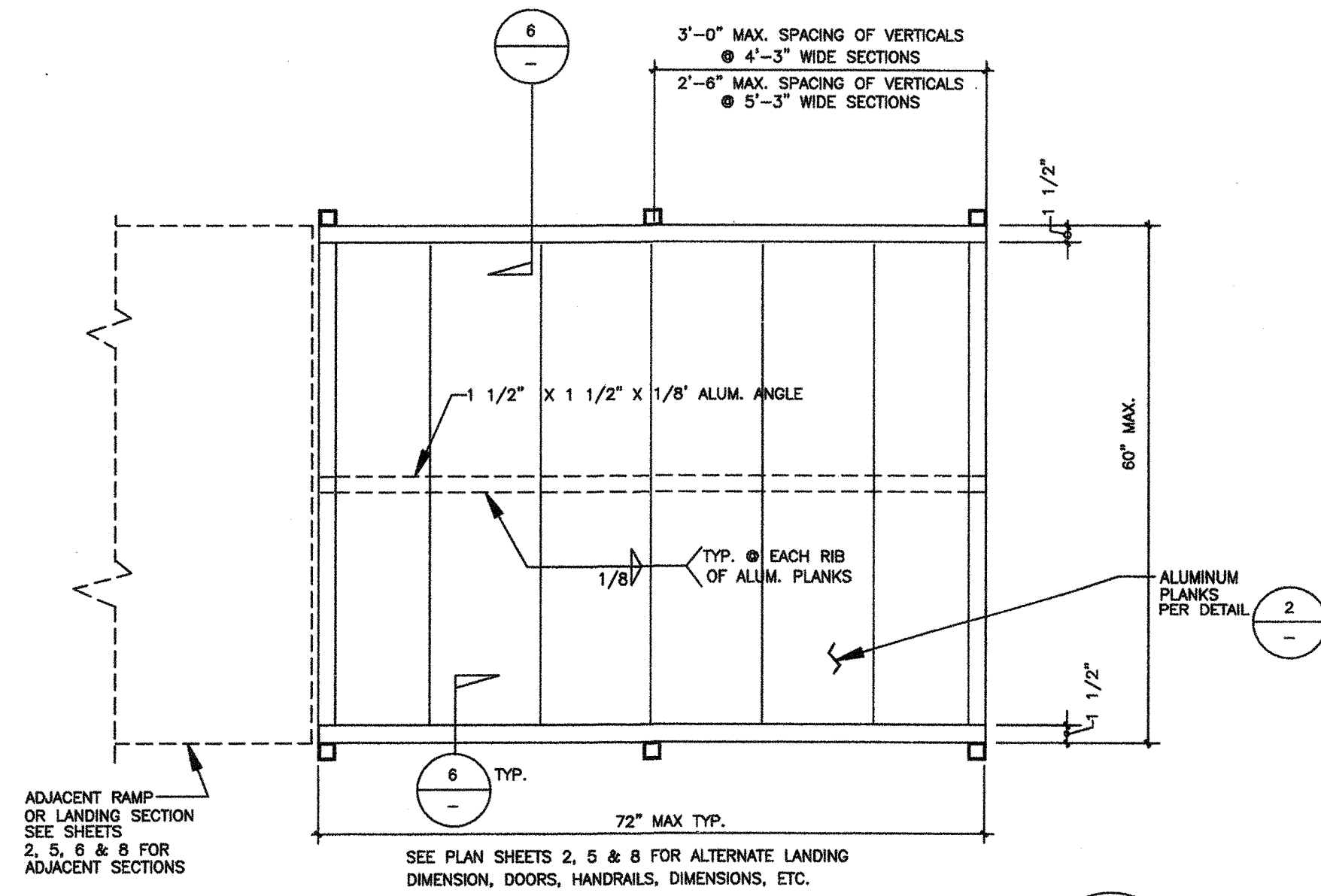


STAIRS OPTIONAL
TMP SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213-3997

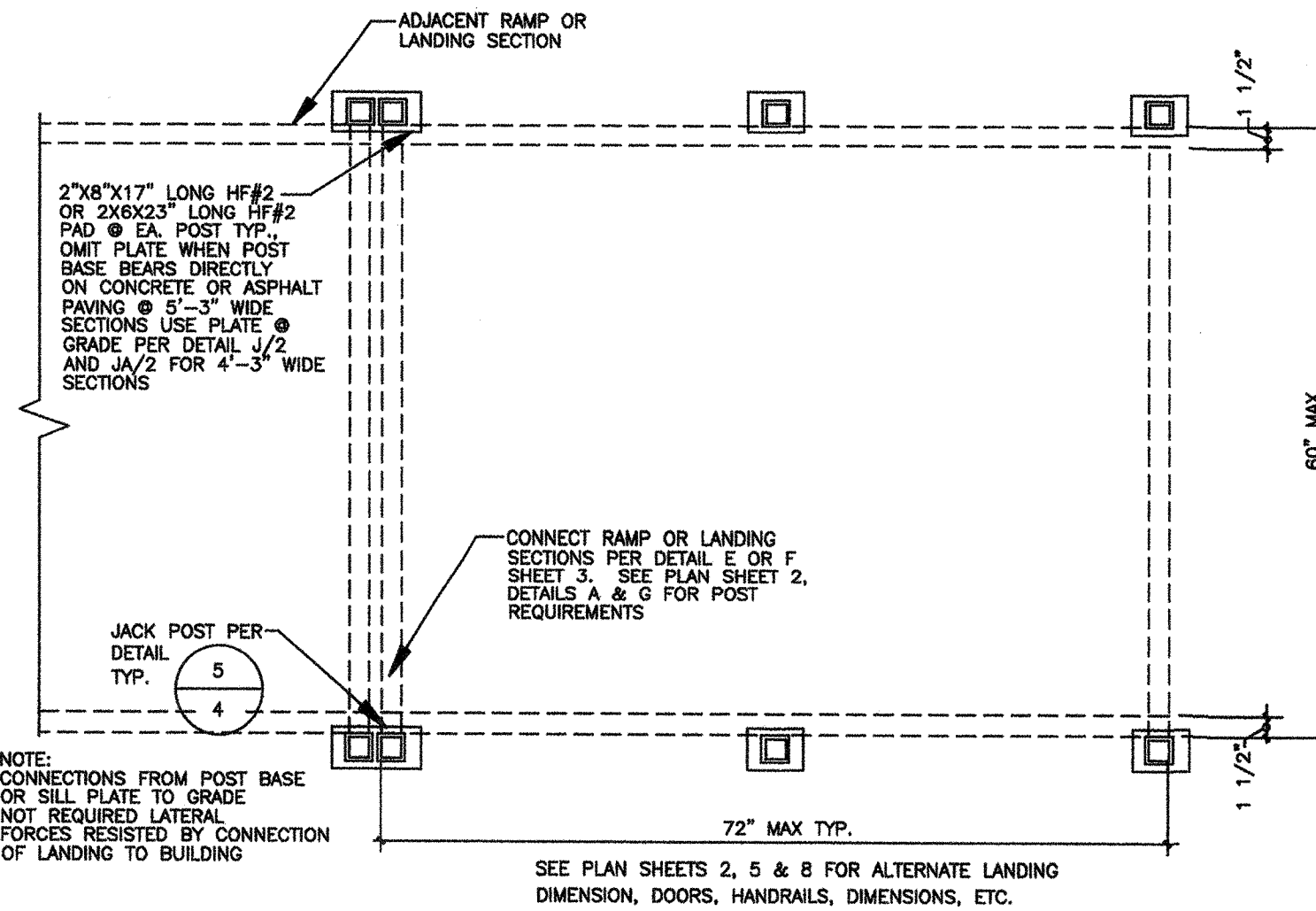
SITE:
STATE OF CALIFORNIA
PC 04-113584-2013 CBC

DRAWN
CHECKED
DATE
28 JULY 2014
SCALE
JOB NO.

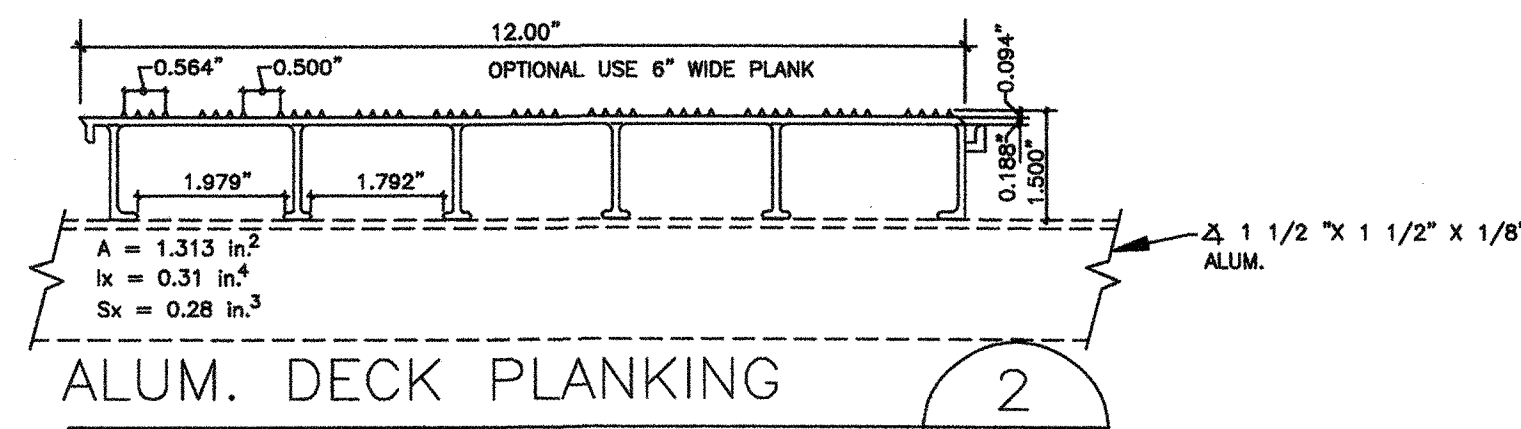
OF 8 SHEETS



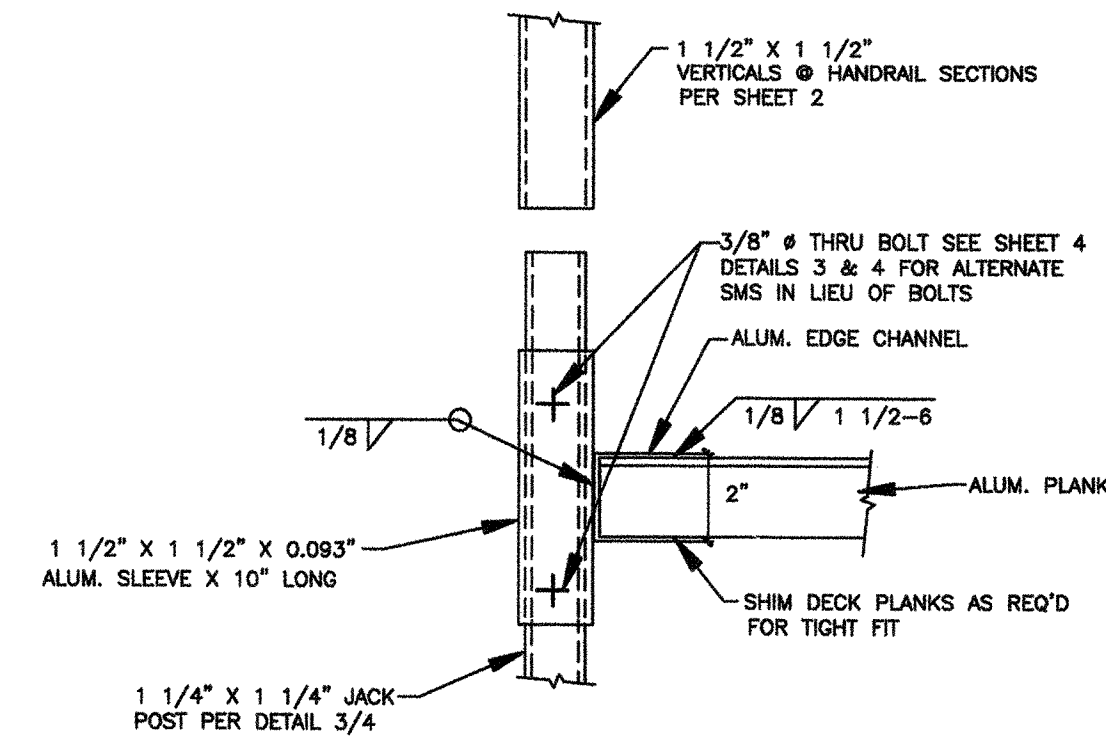
LANDING OR RAMP SECTION (1B)



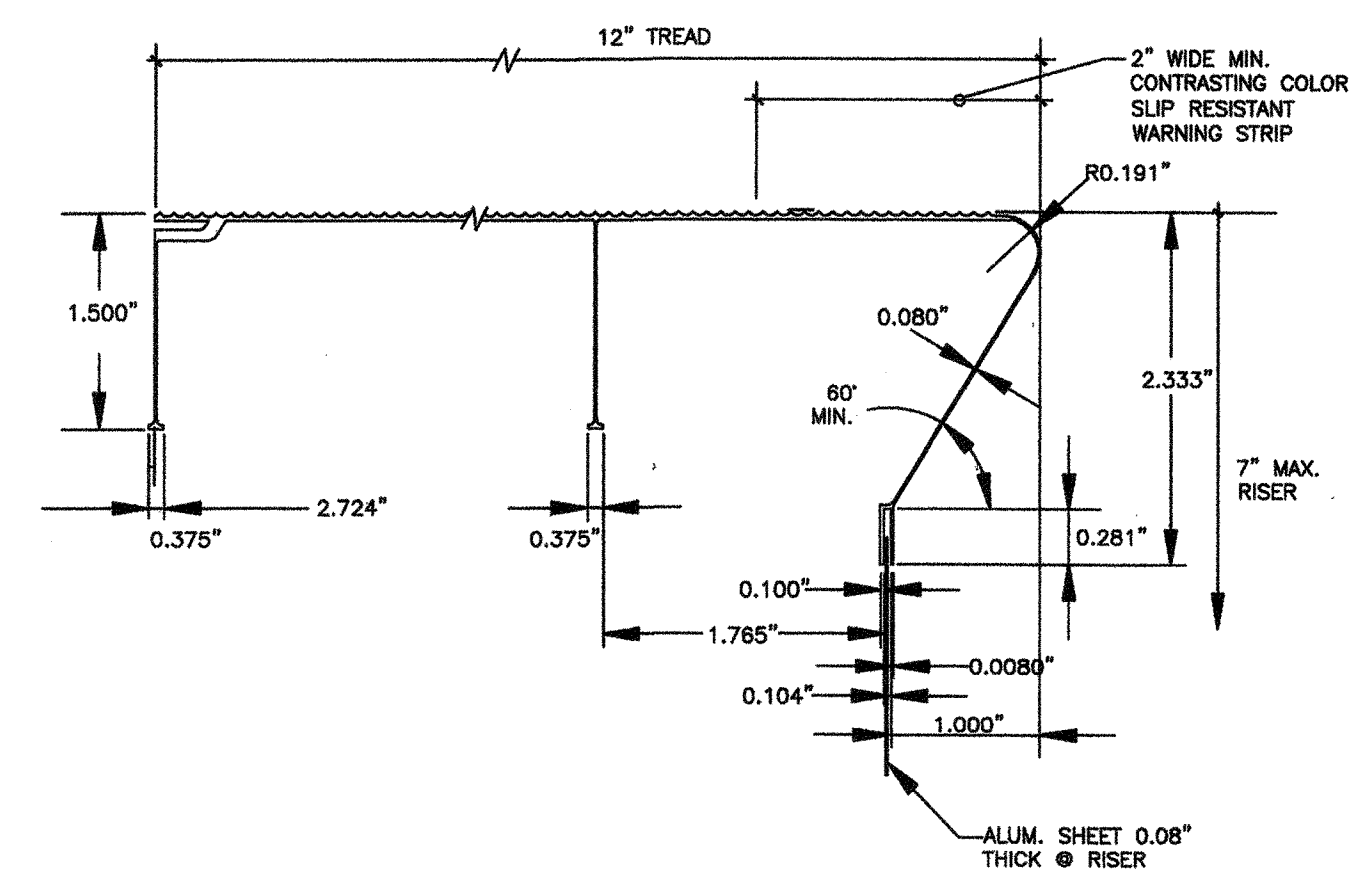
FOOTINGS @ LANDING OR RAMP SECTION (1A)



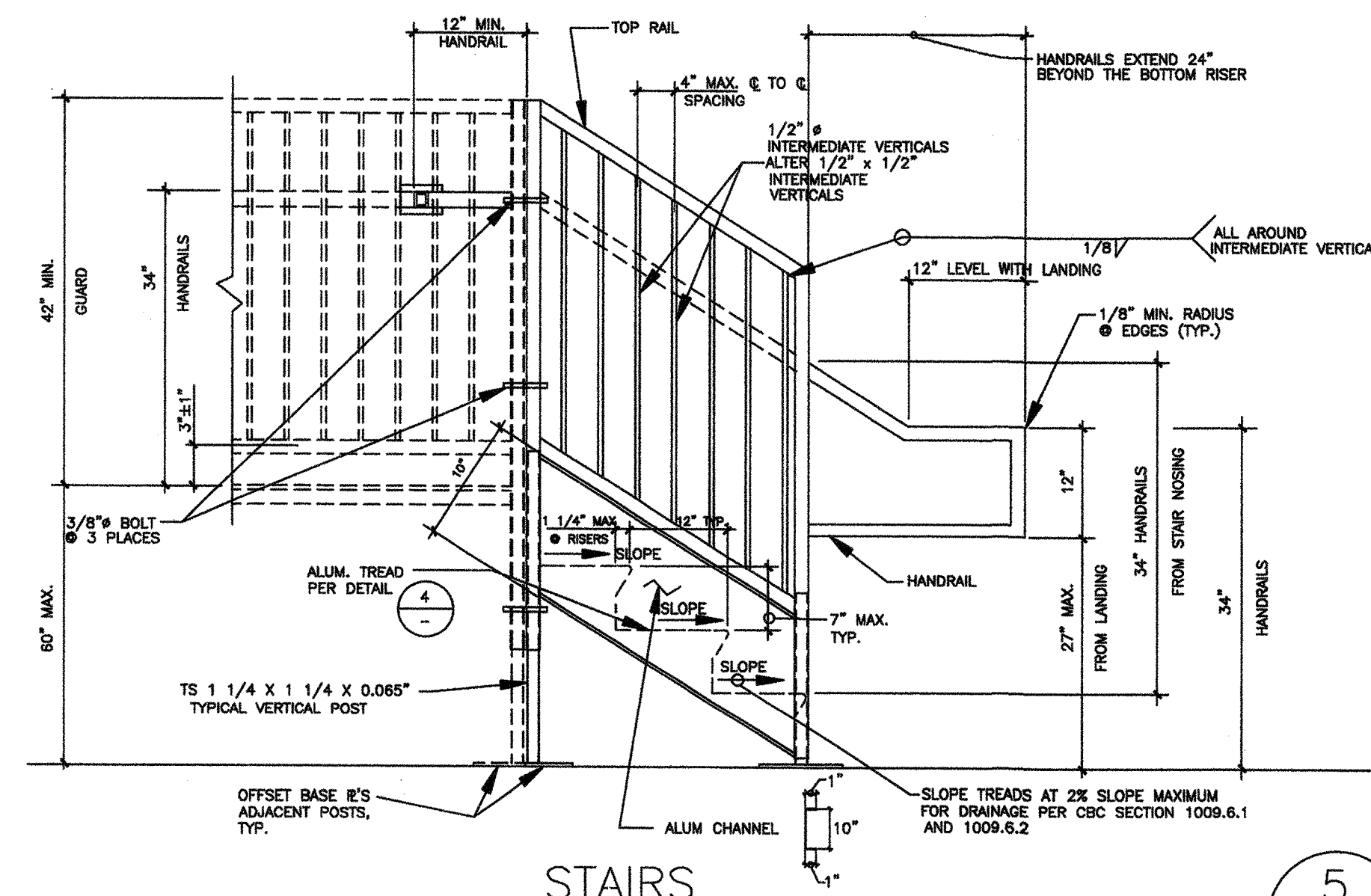
ALUM. DECK PLANKING (2)



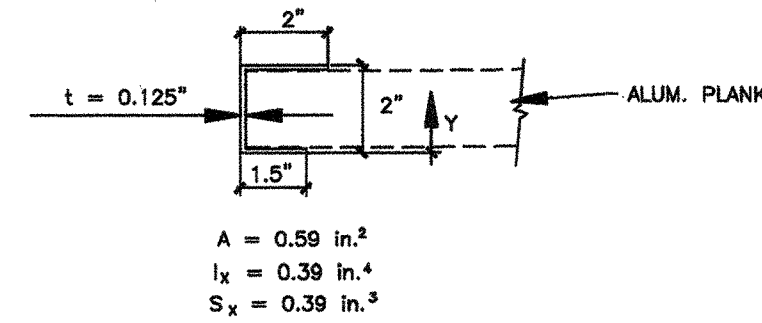
ALUM. SLEEVE DETAIL (3)



ALUM. STAIR TREAD (4)



STAIRS (5)



ALUM. EDGE CHANNEL (6)

NOTE: PICKETS & 42" HIGH GUARD REQUIRED FOR THRESHOLD HEIGHTS GREATER THAN 30" ABOVE FINISH GRADE. FOR THRESHOLD HEIGHTS LESS THAN 30" ABOVE FINISH GRADE, PICKETS CAN BE OMITTED & HANDRAIL WILL ACT AS GUARD.

PROPRIETARY DESIGN: THIS DRAWING AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF TMP SERVICES, INC. AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND CONSENT OF TMP SERVICES, INC. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATED WITH TMP SERVICES, INC. SHALL BE THE PROPERTY OF TMP SERVICES, INC.

NOTES:
 MATERIAL SPECIFICATIONS:
 ALUMINUM:
 1 1/4X 1 1/4X 1/8 ANGLE 6063 T5
 2"X1 1/2"X1/8" CHANNEL 6063 T5
 DECK PLANKS 6063 T5
 STAIR PLANKS 6063 T5
 BOLTS: ALUMINUM 6061-T6, 2024-T4 OR 7075-T73, ALTERNATE USE TYPE 304 STAINLESS STEEL BOLTS WITH STAINLESS STEEL WASHERS
 WELDS: ALL WELDING SHALL CONFORM TO "AMERICAN WELDING SOCIETY D1.2-2008 FOR ALUMINUM", ELECTRODES SHALL BE 5356 OR 5554 FOR 6063-T5 ALUMINUM & SHALL BE 5556 FOR 6061-T6 ALUMINUM.
 SEE SHEET 4 FOR GENERAL NOTES

DATE SIGNED
 JUL 28 2014

REVISIONS	BY

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



ACCESSIBLE RAMP
 OPTIONAL ALUMINUM DECK
 TMP SERVICES
 2929 KANSAS AVE.
 RIVERSIDE, CA 92507
 PHONE: (951)213-3900
 FAX: (951)213-5997

SITE:
 STATE OF CALIFORNIA
 PC 04-113584-2013 CBC

IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APPL 11-115705
 ACS _____ FLS _____ SCS _____
 DATE APR 08 2016

113584
 AUG 05 2014

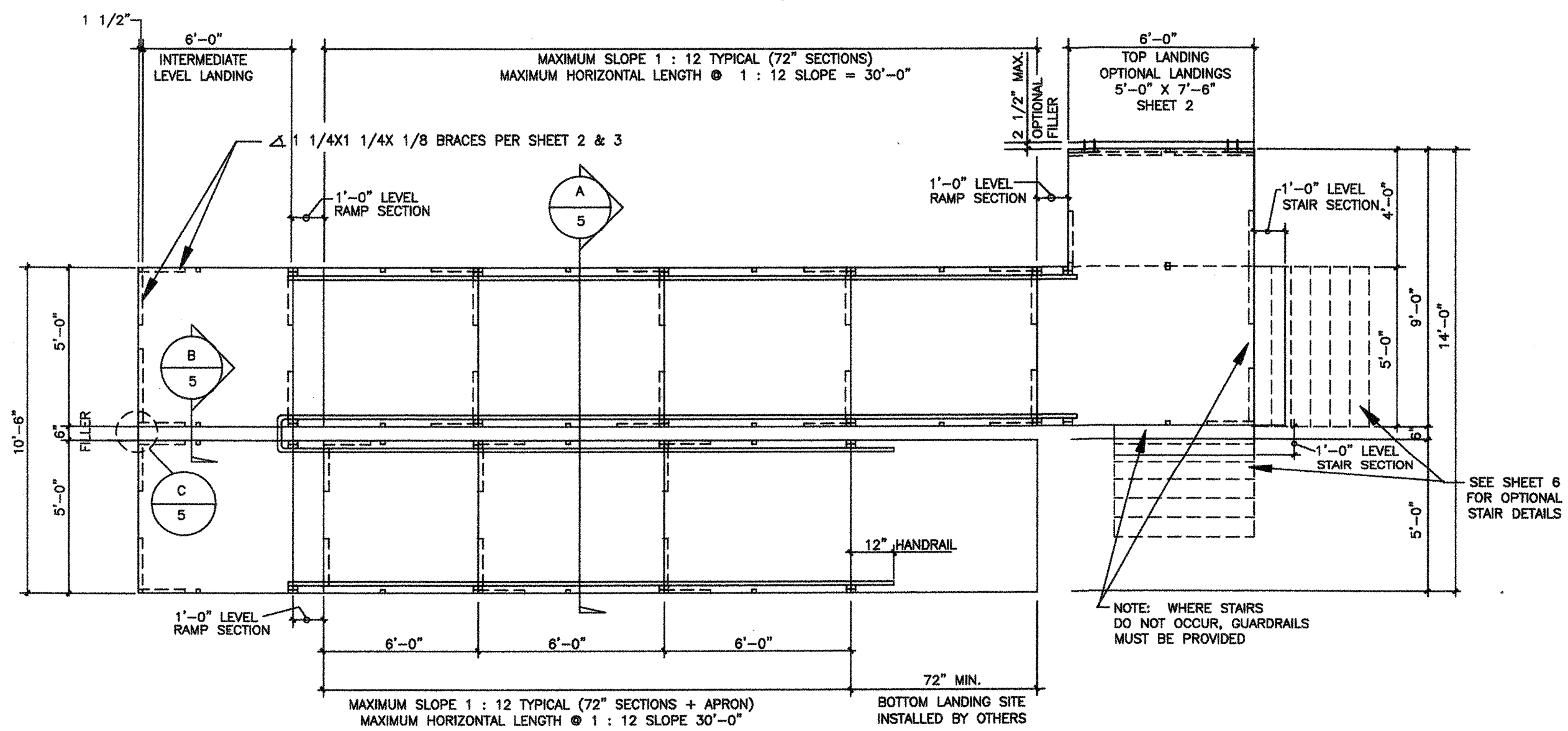
DRAWN
 CHECKED
 DATE
 28 JULY 2014
 SCALE
 JOB NO.

7
 OF 8 SHEETS

EXL
 STRUCTURAL ENGINEERS, INC.
 4091 RIVERSIDE DRIVE, SUITE 114
 CHINO, CALIFORNIA 91710

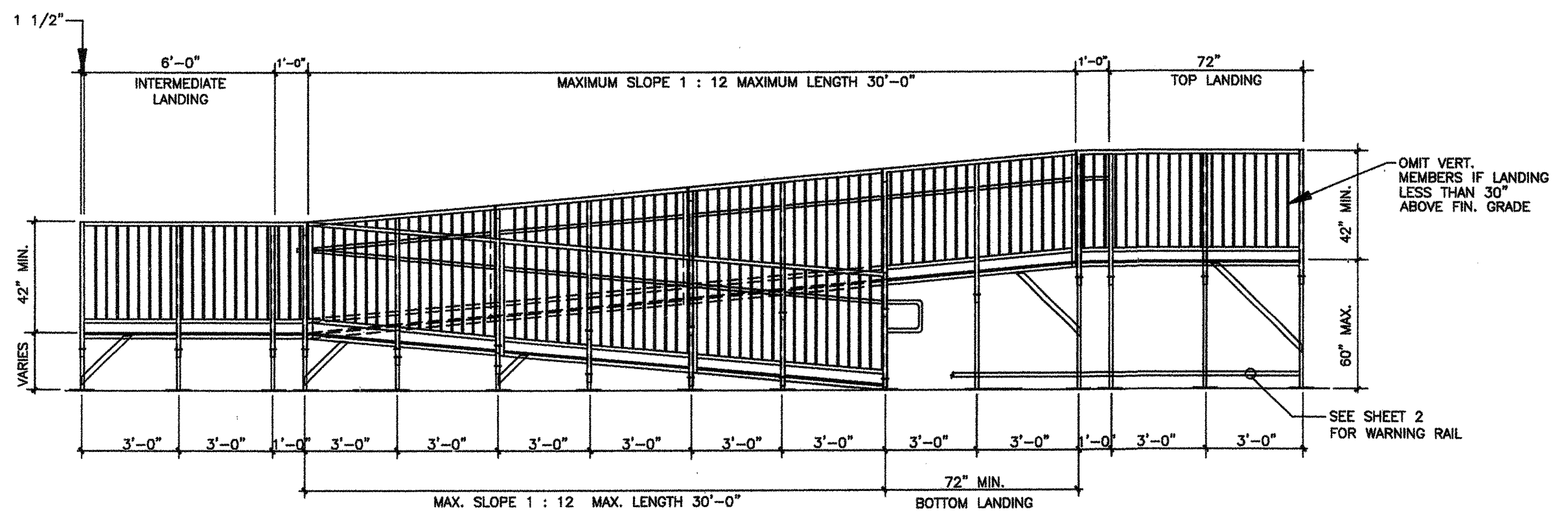
MEMBER
 STRUCTURAL ENGINEERS ASSOCIATION OF CALIFORNIA
 AMERICAN CONCRETE INSTITUTE
 (909) 613-0234
 Fax(909) 613-0238

TMP RAMP & LANDING STEEL SHEET 7.DWG



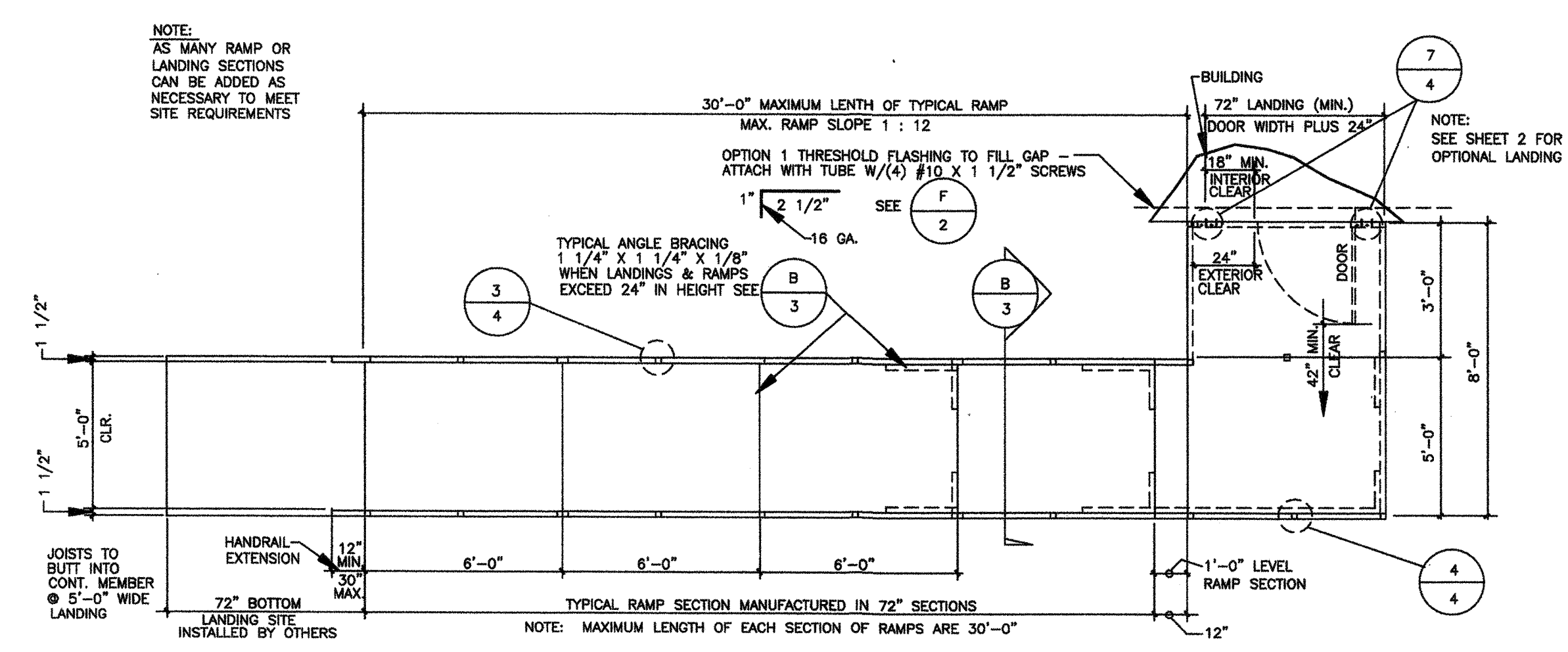
TYPICAL PLAN VIEW OF ACCESSIBLE RAMP WITH SWITCH-BACK & PLATFORMS

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



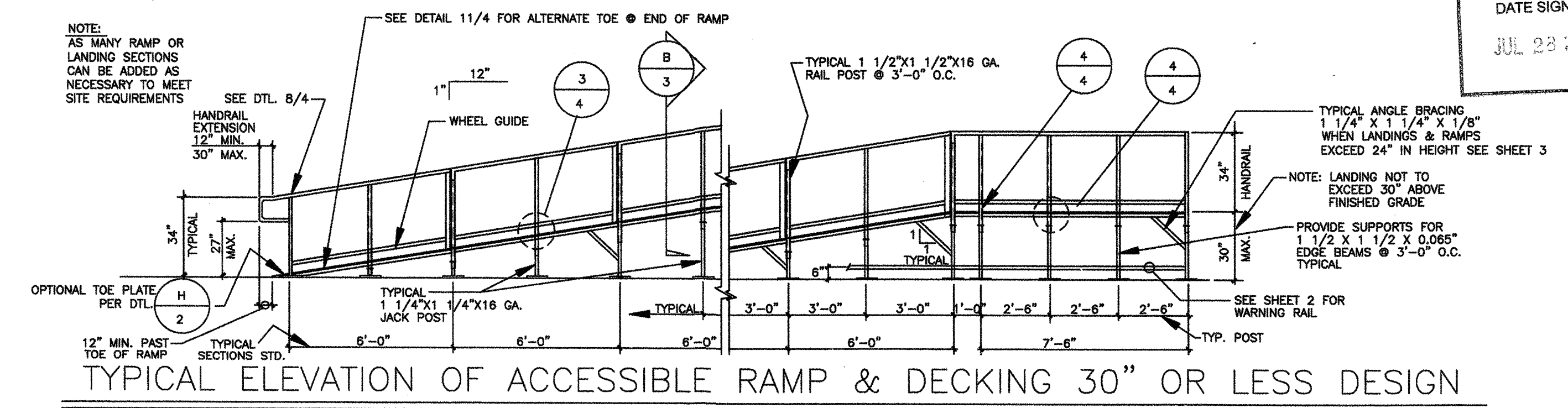
TYPICAL ELEVATION OF ACCESSIBLE RAMP W/SWITCH-BACK RAMP W/ 5'-0" WIDE RAMPS

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



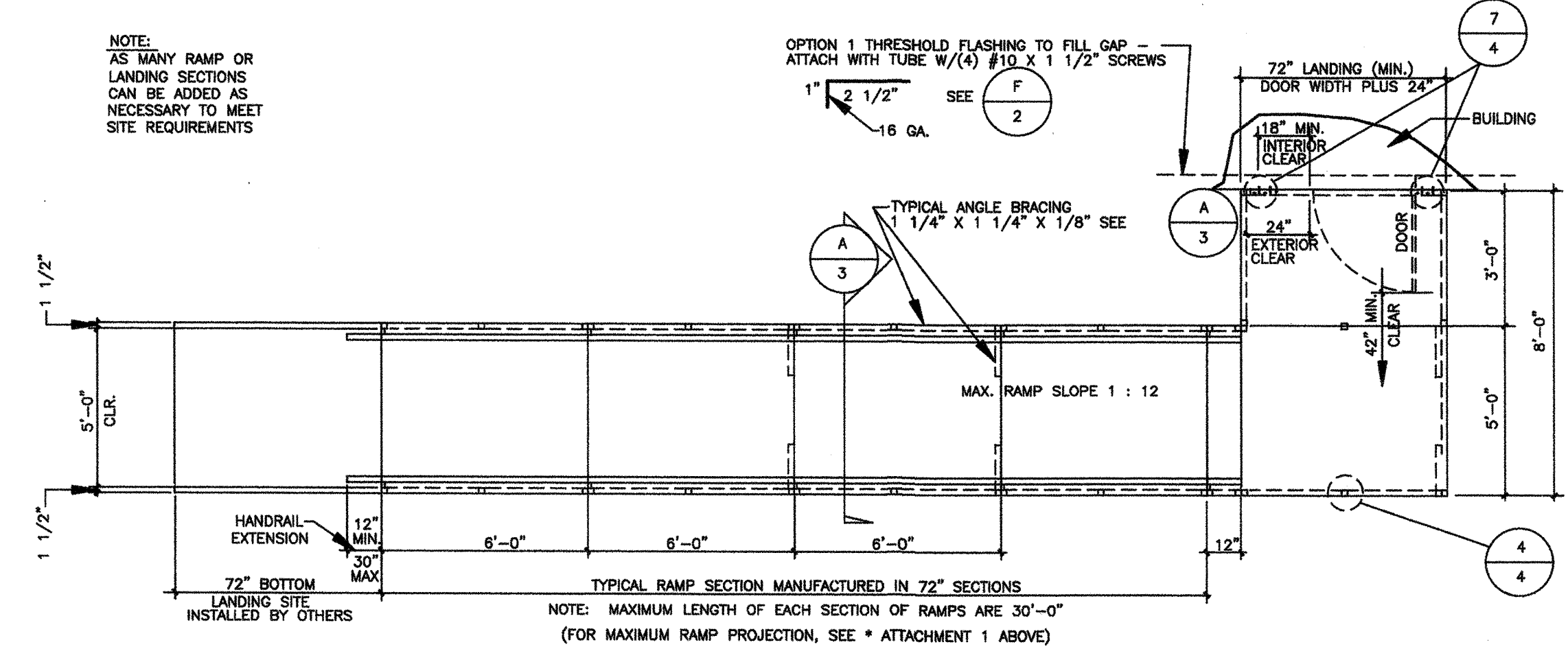
TYPICAL PLAN VIEW OF ACCESSIBLE RAMP & DECK LAYOUT

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



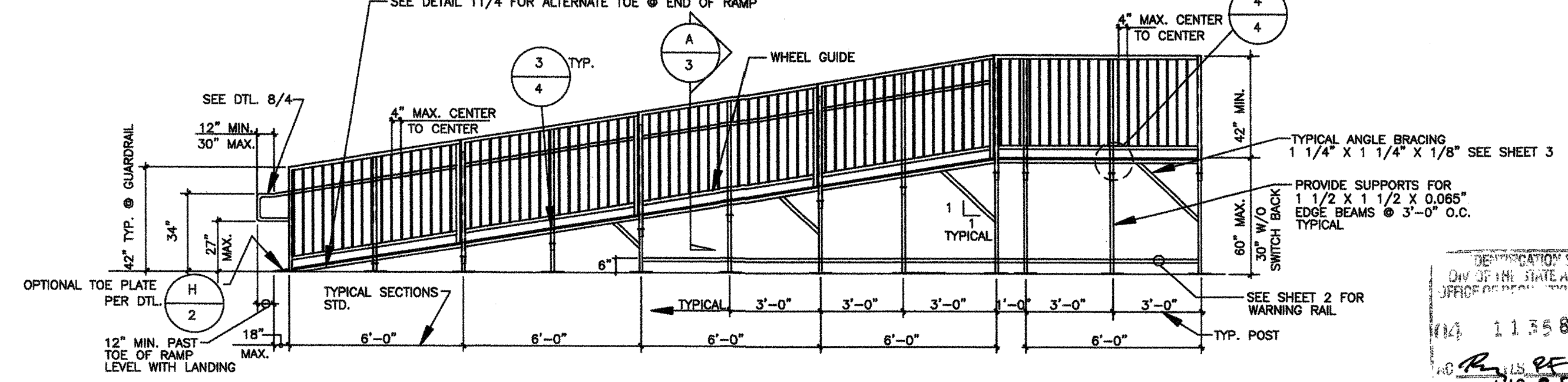
TYPICAL ELEVATION OF ACCESSIBLE RAMP & DECKING 30" OR LESS DESIGN

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



TYPICAL PLAN VIEW OF ACCESSIBLE RAMP & DECK LAYOUT OVER 30" DESIGN

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



TYPICAL ELEVATION OF ACCESSIBLE RAMP & DECKING

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

PROPRIETARY DESIGN: THIS DRAWING AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF TMP SERVICES, INC. AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND CONSENT OF TMP SERVICES, INC. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATED WITH TMP SERVICES, INC. SHALL BE THE PROPERTY OF TMP SERVICES, INC.

EXL
STRUCTURAL ENGINEERS, INC.
4091 RIVERSIDE DRIVE, SUITE 114
CHINO, CALIFORNIA 91710
(909) 613-0234
Fax(909) 613-0238

MEMBER
STRUCTURAL ENGINEERS
ASSOCIATION OF CALIFORNIA
AMERICAN CONCRETE
INSTITUTE
(909) 613-0234
Fax(909) 613-0238

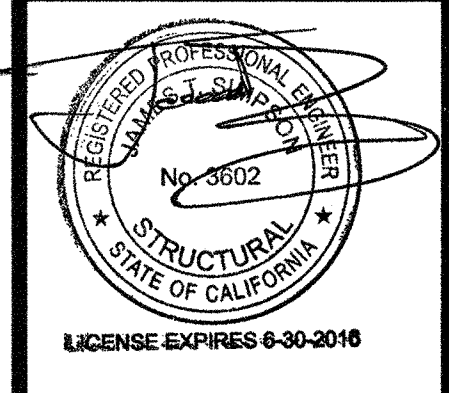
DATE SIGNED
JUL 28 2014

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01-115705
ACS FLS SSS
DATE APR 08 2016
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01-115705
ACS FLS SSS
DATE

IDENTIFICATION STAMP
DIV OF THE STATE ARCHITECT
OFFICE OF THE STATE ARCHITECT
115584
DATE AUG 05 2014

REVISIONS	BY

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



ACCESSIBLE RAMP ELEVATIONS
& PLAN VIEWS
TMP SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213-3997

SITE:
STATE OF CALIFORNIA
PC 04-113584-2013 CBC

DRAWN
CHECKED
DATE 28 JULY 2014
SCALE
JOB NO.
OF 8 SHEETS