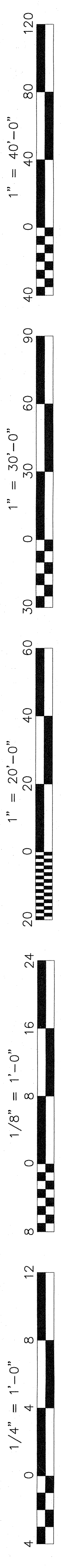


1 RELOCATABLE CLASSROOM PIONEER ELEMENTARY BAKERSFIELD CITY SCHOOL DISTRICT 4404 PIONEER DRIVE BAKERSFIELD, CA 93306

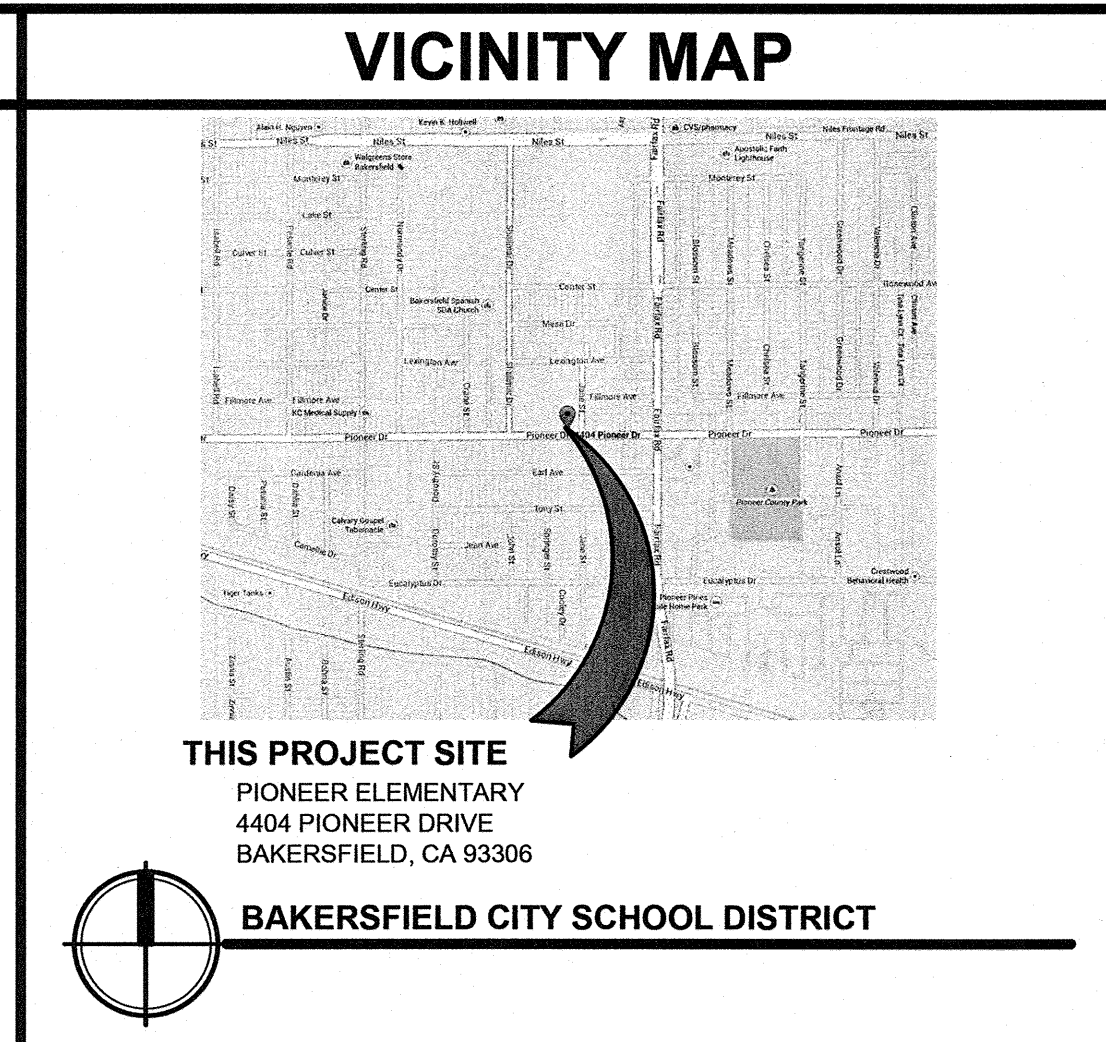


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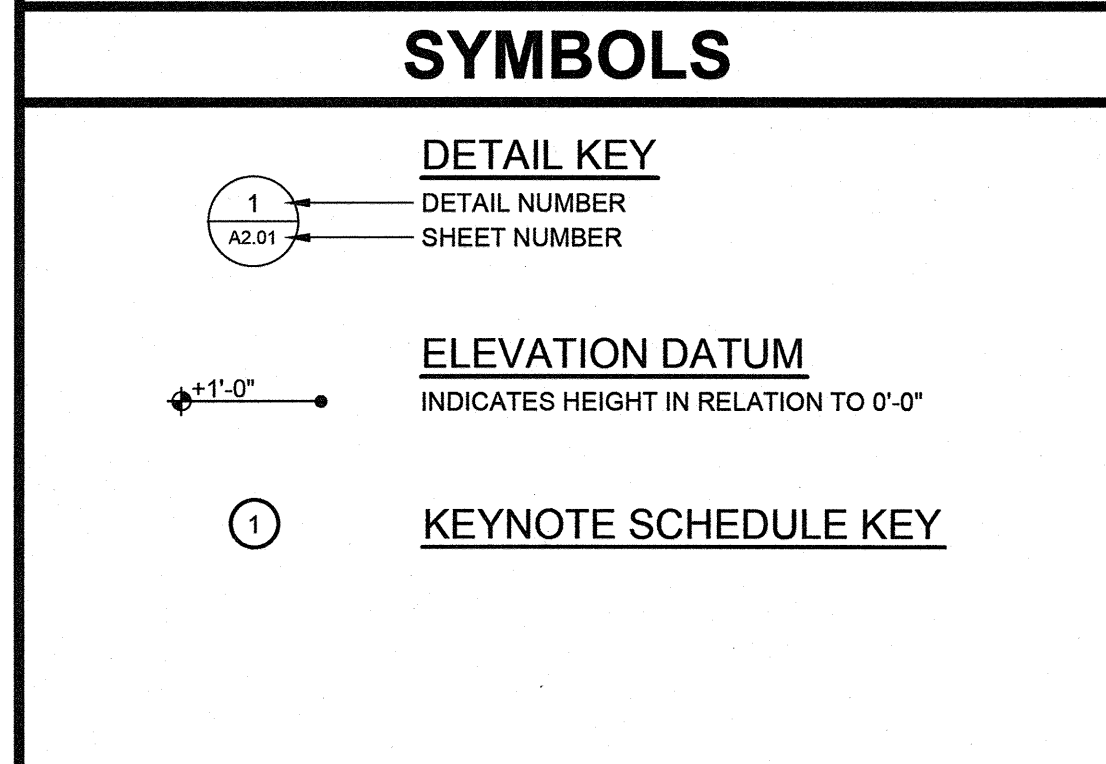
integrated designs by SOMAM, Inc.
ARCHITECTURE - ENGINEERING - INTERIOR DESIGN - CONSTRUCTION MANAGEMENT
8011 N. Fresno, Suite 130 - Fresno, California 93710
Phone (559) 439-0881 Fax (559) 439-0887 E-Mail: design@somam.com
www.integrateddesigns.com

Revision: _____
Rev. Date: _____
Revision Description: _____

ABBREVIATIONS	
ABOVE FINISHED FLOOR ACCESSIBLE	ABV A.F.F. A.C.C.
ACUSTICAL ADJACENT ADJUSTABLE AIR CONDITIONING ALUMINUM ANCHOR BOLT BENT ANCHOR BOLT ANCHORED ARCHITECTURAL ASPHALT CONCRETE	ADJ ADJUST. A/C ALUM. AL. AB. ANOD. ARCH. A.C.
BACKBOARD BEAM BENCH MARK BETWEEN BLOCK BOTTOM BUILDING	BACKBRD. BM B.M. BTWN. BLK. BTM. BTM. BLDG.
CABINET CADMIUM CARPET CARRIAGE BOLT CAST IRON CEILING CEILING DIFFUSER CEILING GRILLE CEILING REGISTER CEMENT CENTERLINE CERAMIC TILE CIRCUIT CLEANOUT CLEAR COLD WATER COLUMN COMBINATION/COMBUSTION COMPOSITION, COMPOSITE CONCRETE CONCRETE MASONRY UNIT CONDUIT CONNECTION CONSTRUCTION CONTINUOUS CONTRACTOR COORDINATE COUNTERSINK	CAB. CAD. CPT. C.B. C.I. CLG., CEL'G. C.D. C.R. CEM. CEN. LINE CERAMIC TILE CRT. C.O. CUL. C.W. COL. COMB. COMP. CONC. C.M.U. COND. CONN. CONSTR. CONTINUOUS CONTR. COORD. CSK.
DEPARTMENT DEPTH, DEEP DETAIL DIAGONAL DIAMETER DIMENSION DISPENSER/DISPOSAL DIVISION DOOR DOUBLE DOWN DOWNSPOUT DRAWING DRINKING FOUNTAIN	DEPT. D. DET., DTL. DIA. DIM. DISP. DIV. DR. DBL. DN. DWSPOUT DRWG. D.F.
EACH ELECTRIC ELECTRIC DRINKING FOUNTAIN ELEVATION EQUAL EQUIPMENT ESTIMATE EXHAUST EXHAUST FAN EXISTING EXPANSION EXPANSION JOINT EXTERIOR	EA. ELEC. E.D.F. EQ. EQUIP. EST. EXH. (E) EXP. E.J. EXT.
FABRIC WALL COVERING FACE OF BLOCK FACE OF CONCRETE FACE OF STUD FACE OF WALL FACTORY FINISH FEET/FOOT FEMININE NAPKIN DISPOSAL FIBER GLASS FINISH FIRE EXTINGUISHER CABINET FIXED GLASS FLAT HEAD FLOOR FLOOR DRAIN FLUORESCENT FLUOR. FOOTING FOUNDATION FRAMING	F.W.C. F.O.B. F.O.C. F.O.S. F.O.W. F.F. FT. F.N.D. F.G. FIBERGL. FIN. F.E.C. F.R.G.B. F.G. F.H. F.L. F.L.R. F.D. FLUOR. FTG. FDN. FRM'G.
GAGE/GAUGE GALVANIZE GALVANIZED IRON GLASS GRAB BAR GRADE GROUND GYP. GYPSUM BOARD	GA. GALV. GL. G.B. GR. GND. GYP. G.B., GYP. BD.
HARDWARE HEAD HEADER HEIGHT HOLLOW METAL HORIZONTAL HOT WATER HOSE BIBB	HDW., HDWR. HD. HDR. HT. H. HM. HORIZ. H.W. H.B.
INCH INSIDE DIAMETER/DIMENSION INTERIOR INTERIOR JAMB JOINT LAMINATE LAVATORY LEFT HAND LINOLEUM LONG	IN. I.D. INSUL. INT. J.B. JT. LAM. LAV. LH. LINO. LG.
MACHINE BOLT MACHINE SCREW MANUFACTURER MATERIAL MAXIMUM MECHANICAL MEDIUM MEMBRANE METAL METAL PLANAR CEILING METAL TOILET PARTITION MILLIMETER MINIMUM MISCELLANEOUS MULLION	M.B. M.S. MFR. MAT., MATL. MAX. MECH. MED. MBNE. MET. M.P.C. M.T.P. MILL. MIN. MISC. MULL.
NOT IN CONTRACT NOT TO SCALE NUMBER	N.I.C. N.T.S. NO., #
OPPOSITE HAND OPPOSITE ON CENTER OPENING OUTSIDE DIAMETER/DIMENSION OVAL HEAD OVER (ON) OVERFLOW OVERHAND	O.P. O.C. O.P.G. O.D. O.H. O/V. O/WL. OH.
PAINT PAIR PAPER TOWEL DISPENSER PLASTIC PLATE PLATED PLUMBING PLYWOOD POINT POINT OF CONNECTION ROUND POUND PER SQ. FOOT POUND PER SQ. INCH QUARTER	PT. PR. P.T.D. PLAS. PL. PL.TD. PLBG. PLYWD. PT. P.O.C. RND. P.S.F. P.S.I. QTR.
RADIUS RAINWATER LEADER RECEPTACLE REFLECTED REFRIGERATOR REMOVABLE REQUIRED RESILIENT REVERSE, REVISION RIGHT HAND ROOF DRAIN RUBBER TOPSET BASE	R., RAD. R.W.L. RECP. REFLED. REF. REMOV. REQ'D. RES. REV. R.H. R.D. R.T.B.
SANITARY NAPKIN DISPENSER SANITARY NAPKIN RECEPTACLE SCHEDULE SEAT COVER DISPENSER SECTION SHEATHING SHEET SHEET METAL SHEET METAL & AIR SHEET METAL SCREWS SHELVES SIMILAR SINK SOAP DISPENSER SPECIFICATION SPLASH SPLASH BLOCK SQUARE STAINLESS STEEL STANDARD STEEL STORAGE STIFFENER STRUCTURAL SUSPENDED SUSPENDED ACOUSTIC CEILING TILE SWITCH	S.N.D. S.N.R. SCH. S.C.D. SECT. SHTC. SHT. S.M. S.M.A.C.N.A. S.M.S. SH. SML., SIM S. S.D. SPEC. SPL S.B. SQ. S.S. STD. STL. STOR. STIFF. STRUCT., ST. S.U.P. S.A.T.C. S.W.
TELEPHONE THICK THRESHOLD TOILET PAPER HOLDER TOILET PAPER TOLERANCE TRANSFORMER TRANS. TRANS. TYP. UNDERWRITERS LABORATORY UNLESS OTHERWISE NOTED URINAL VENTILATE/VENTILATION VENT THROUGH ROOF VERIFY IN FIELD VERTICAL VINYL COMPOSITION TILE VINYL WALL COVERING VOLUME WATER CLOSET WATER PROOF WATER RESISTANT WIDTH WIRE GLASS WITH WITHOUT WOOD WOOD SCREWS	TEL., TELE. THK. THR. T.P. T.P.H. TOL. TRANS. TRANS. TYP. U.L. U.O.N. UR. VENT. V.T.R. V.I.F. VERT. V.C.I. V.W.C. VOL. W.C. W.P. W.R. W.W. W.G.L. W/O W.D. W.S.
TEL., TELE. THK. THR. T.P. T.P.H. TOL. TRANS. TRANS. TYP. U.L. U.O.N. UR. VENT. V.T.R. V.I.F. VERT. V.C.I. V.W.C. VOL. W.C. W.P. W.R. W.W. W.G.L. W/O W.D. W.S.	



- ### GENERAL NOTES
- ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS
 - CHANGES MADE TO THE APPROVED DRAWINGS AND SPECS SHALL BE MADE BY ADDENDUM OR C.C.D., APPROVED BY DSA AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, C.C.R.
 - GRADING PLANS, DRAINAGE IMPROVEMENTS, ROADS AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCE
 - THE FOLLOWING SHALL BE ON THE JOB SITE PRIOR TO THE INSTALLATION OF THE UNIT, INCLUDING THE SERIAL NUMBER FOR EACH UNIT.
 - IN-PLANT FINAL VERIFIED REPORT
 - WELDING VERIFIED REPORT
 - REFER TO RELOCATABLE BUILDING MANUFACTURER'S DRAWINGS FOR ALL INFORMATION REGARDING THE RELOCATABLE BUILDINGS
 - A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE SCHOOL DISTRICT SHALL CONTACT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.



SHEET INDEX

SHT. NO.	DESCRIPTION
GENERAL	
T1.01	TITLE SHEET
ARCHITECTURAL	
A1.01	OVERALL SITE PLAN
A1.02	ENLARGED SITE PLAN
A1.03	SITE DETAILS
ELECTRICAL	
E-1	SITE PLAN - ELECTRICAL
E-2	POWER AND SIGNAL PLAN
E-3	FIRE ALARM PLAN
E-4	DETAILS AND SYSTEM DIAGRAMS

STOCKPILE # 04-104812 - 24'x40' RELOCATABLE BUILDING BY "MODTECH INC."

NO.	DESCRIPTION
A0.01	COVER SHEET
A1.01	FLOOR PLAN
A3.11	EXTERIOR ELEVATIONS
F1.0	FOUNDATION PLAN (PC# 04-112161)
F2.0	FOUNDATION DETAILS (PC# 04-112161)
S3.02	STRUCTURAL FRAMING
E1.01	ELECTRICAL PLAN
R1.01	RAMP / LANDING
R1.02	RAMP / LANDING DETAILS

BUILDING DATA

TEMP CLASSROOM
OCCUPANCY = E
TYPE OF CONSTRUCTION = V-B (NON-SPRINKLERED)
1 CLASSROOM @ 960 S.F. (24'x40')
PER TABLE 503, ALLOWABLE AREA = 9,500 S.F.
960 S.F. PROPOSED < 9,500 ALLOWABLE = OK

INSPECTOR OF RECORD

THIS PROJECT REQUIRES A CLASS 4 INSPECTOR. THE INSPECTOR OF RECORD SHALL BE DSA APPROVED AND CONFORM TO THE CLASSIFICATION CRITERIA AS PROVIDED IN INTERPRETATION OF REGULATIONS (IR) A-7, DATED FEBRUARY 22, 2013

THE INSPECTOR SHALL BE EMPLOYED BY THE DISTRICT AND APPROVED BY THE RESPONSIBLE ARCHITECT.

APPLICABLE CODES:

COMPLY WITH PART 1, TITLE 24, 2013 CCR EXCLUDING CHAPTER 10, PART 1, CHAPTER 10 PER CBC 2010 EDITION.
A COPY OF TITLE 24 SHALL BE ON SITE AT ALL TIMES. CONSTRUCTION SHALL COMPLY WITH TITLE 24 CALIFORNIA CODE OF REGULATIONS, INCLUDING THE FOLLOWING:

- TITLE 24, CCR, PART 2, 2013 CBC (2012 IBC, WITH CALIFORNIA AMENDMENTS).
- TITLE 24, CCR, PART 3, 2013 CEC (2011 NEC, WITH CALIFORNIA AMENDMENTS).
- TITLE 24, CCR, PART 4, 2013 CMC (2012 UMC, WITH CALIFORNIA AMENDMENTS).
- TITLE 24, CCR, PART 5, 2013 CPC (2012 UPC, WITH CALIFORNIA AMENDMENTS).
- TITLE 24, CCR, PART 6, 2010 CEC
- TITLE 19, CCR.

NFPA 72, 2013 EDITION (AS PER CA AMENDMENTS)

SCOPE OF WORK

- RELOCATION OF (1) PORTABLE CLASSROOM BUILDING & METAL RAMP FROM AN OFF-SITE STOCKPILE. CLASSROOM TO BE USED STRICTLY FOR TEMPORARY USE.
- CONSTRUCTION OF A TEMPORARY WOOD FOUNDATION FOR (1) PORTABLE BUILDING PER PC# 04-112161.
- CONSTRUCTION OF UTILITY SERVICES ON AN EXISTING ELEMENTARY SCHOOL CAMPUS.

SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE DSA APPROVED DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A C.C.D. OR A SEPARATE SET OF R.A.S. & SPECS, DETAILS & SPECIFYING THE REPAIR WORK SHALL BE SUBMITTED TO & APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK.

ARCHITECT'S STATEMENT

ARCHITECT'S STATEMENT FOR PLANS PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS

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

THE ITEMS CHECKED BELOW 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 DELEGATED RESPONSIBILITY FOR THIS PORTION OF THE WORK.)

SEE THE SHEET INDEX ON THIS SHEET FOR DRAWINGS OTHER THAN ARCHITECTURAL.

APPLICABLE:
 STRUCTURAL PLUMBING MECHANICAL ELECTRICAL
 PORTABLE MANUFACTURER CIVIL

SIGNATURE OF THE ARCHITECT/ENGINEER: _____ DATE: 5/13/14
NAME, TITLE, AFFILIATION: CURTIS FLYNN, ARCHITECT, INTEGRATED DESIGNS BY SOMAM, INC.

Issue Date: _____
Date: 05/13/14
Designer: _____
DR: _____
PC: JMF

Agency Approval Stamp:
IDENTIFICATION STAMP
BY: OF THE STATE ARCHITECT
APPROX. 115740
DATE: MAY 14 2014

Stamp(s): _____

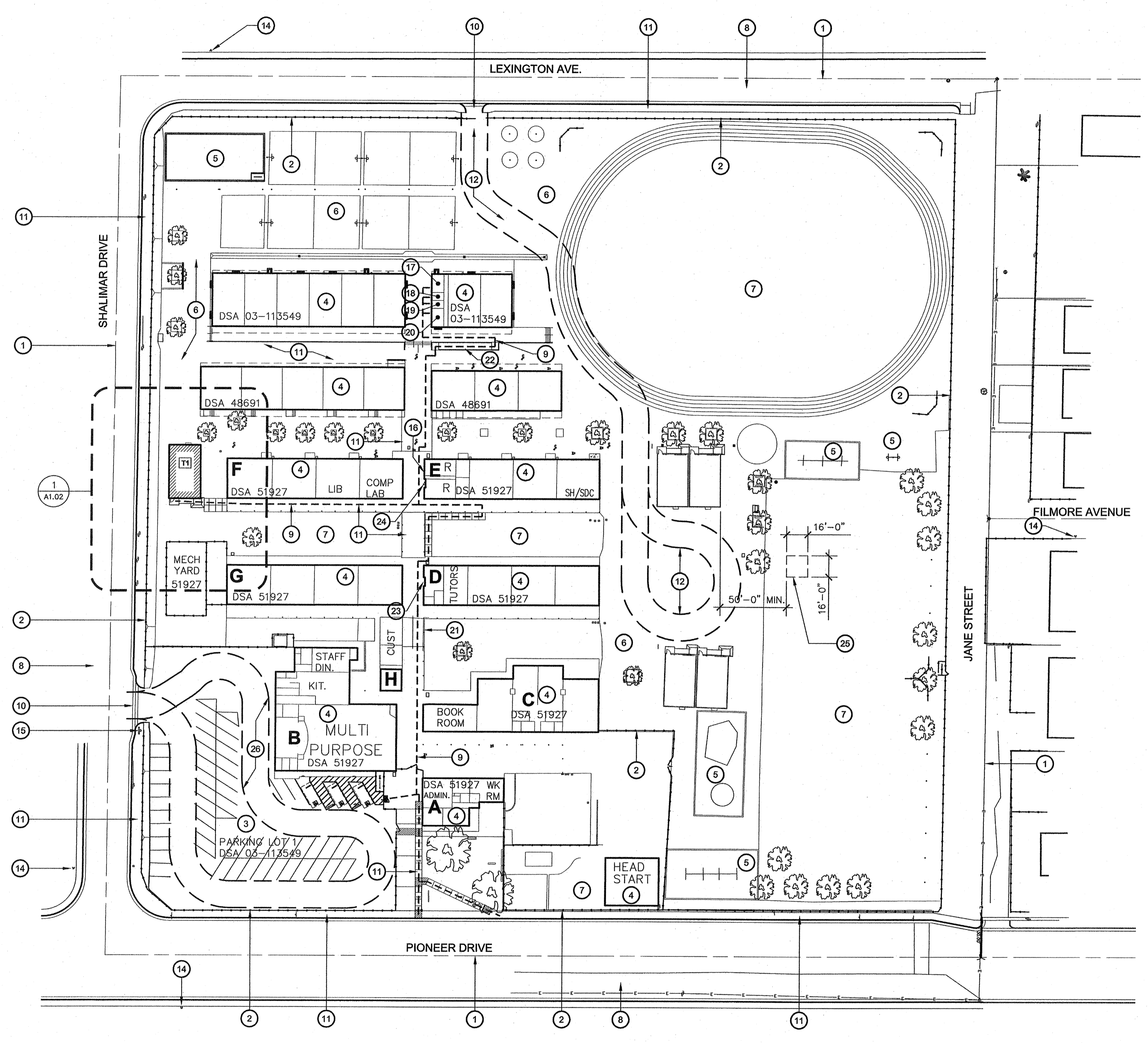
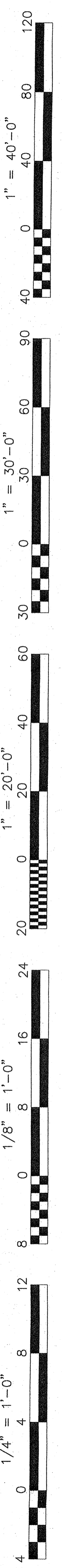
Job No.: 5117
Sheet No.: T1.01

C-28966 05-31-15
LICENSED NUMBER EXPIRATION DATE

TITLE SHEET

1 RELOCATABLE CLASSROOM
PIONEER ELEMENTARY
BAKERSFIELD CITY SCHOOL DISTRICT
4404 PIONEER DRIVE BAKERSFIELD, CA 93306

Release: _____



**OVERALL SITE PLAN
PIONEER ELEMENTARY**

SCALE: 1" = 50'

KEYNOTES

1. PROPERTY LINE
2. EXISTING CHAIN LINK FENCE TO REMAIN
3. EXISTING PARKING LOT AND STRIPING TO REMAIN
4. EXISTING BUILDING TO REMAIN (NO WORK)
5. EXISTING PLAY AREA TO REMAIN (NO WORK)
6. EXISTING A.C. PAVING TO REMAIN
7. EXISTING LAWN / TURF TO REMAIN
8. EXISTING PUBLIC ROADWAY TO REMAIN
9. PROPOSED ACCESSIBLE PATH OF TRAVEL (P.O.T.)
10. EXISTING DRIVE APPROACH TO REMAIN
11. EXISTING CONCRETE WALK TO REMAIN
12. EXISTING 20' WIDE FIRE TRUCK ACCESS LANE
13. NOT USED
14. EXISTING FIRE HYDRANT TO REMAIN
15. EXISTING SITE ENTRANCE SIGN PER DSA APP #03-113549
16. EXISTING ACCESSIBLE RESTROOM DIRECTIONAL SIGN PER DSA APP #03-113535
17. (E) ACCESSIBLE BOYS RESTROOM PER #03-113549
18. (E) ACCESSIBLE MENS RESTROOM PER #03-113549
19. (E) ACCESSIBLE WOMENS RESTROOM PER #03-113549
20. (E) ACCESSIBLE GIRLS RESTROOM PER #03-113549
21. EXISTING RAMP PER DSA APP #51927 w/ EXISTING HANDRAIL PER DSA APP #03-113549
22. EXISTING ACCESSIBLE RAMP PER DSA APP #03-113549
23. EXISTING DRINKING FOUNTAIN PER DSA APP #51927
24. EXISTING HI-LOW ACCESSIBLE DRINKING FOUNTAIN PER DSA APP #03-113535
25. SAFE DISPERSAL AREA
26. PROPOSED 20' WIDE FIRE TRUCK ACCESS LANE

SAFE DISPERSAL

TEMP CLASSROOM
1 CLASSROOM @ 960 S.F.

960 S.F. / 20 S.F. PER OCCUPANT = 48 OCCUPANTS
48 OCCUPANTS x 5 S.F. / OCCUPANT = 240 S.F. REQ'D
256 S.F. PROVIDED = OK

PARKING LOT

TOTAL STALLS PROVIDED: 52
ACCESSIBLE STALLS REQUIRED PER CBC TABLE 11B-208.2: 3
VAN SPACES REQUIRED (1 PER 6 ADA): 1
ACCESSIBLE STALLS PROVIDED: 2 REGULAR, 1 VAN, 3 TOTAL

LOCAL FIRE AUTHORITY REVIEW

BAKERSFIELD LOCAL FIRE AUTHORITY REVIEW

School District: BAKERSFIELD CITY SCHOOL DISTRICT
Project Name: PIONEER ELEMENTARY
4404 PIONEER DRIVE, BAKERSFIELD, CA 93306

Local Fire Authority is to complete Sections 1-7 in accordance with the project and site plan. Check Sections 1-5 per item 1.

1. YES - Complies with LFA Requirements. NO - Not applicable to this project. N/A - LFA not to be reviewed. No check mark = No check mark = No check mark = No check mark =

2. YES - All fire hydrants are marked and meet minimum emergency service standards per 2019 California Building Code, the Local Fire Authority approves the use of signage for emergency service and related signage.

3. YES - All fire hydrants are marked and meet minimum emergency service standards per 2019 California Building Code, the Local Fire Authority approves the use of signage for emergency service and related signage.

4. YES - The location and distribution of fire hydrants is in accordance with Title 25, Code of Regulations, § 2509 California Fire Code, Chapter 2.

5. YES - The location and distribution of fire hydrants is in accordance with Title 25, Code of Regulations, § 2509 California Fire Code, Chapter 2.

6. YES - The location and distribution of fire hydrants is in accordance with Title 25, Code of Regulations, § 2509 California Fire Code, Chapter 2.

7. COMMENTS: No deficiencies.

LOCAL FIRE AUTHORITY INFORMATION:
Agency Name (Print): Kern County Fire Department
Address (Print): 5642 Victor St.
City/State/Zip: Bakersfield, CA 93306
Phone Number (Print): (805) 391-7000
City/State/Zip: Bakersfield, CA 93306
Reviewed By: JARRELL BUCK (Signature) 4.4.14
Title: FIRE INSPECTOR

GENERAL NOTES

- A. GENERAL CONTRACTOR SHALL FIELD VERIFY ALL SITE CONDITIONS PRIOR TO BID. IF ANY DISCREPANCIES ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED IN WRITING.
- B. CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF LAYOUTS AND ESTABLISHED LOCATIONS OF BURIED UTILITY LINES. ANY UTILITIES REQUIRING RELOCATION SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR CONTACT APPLICABLE GOVERNING AGENCIES REGARDING ARRANGEMENT AND COORDINATION OF WORK.
- C. GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY COMPACTION RETEST DUE TO INITIAL FAILURE.
- D. PROJECT INSPECTOR SHALL BE EMPLOYED BY THE OWNER, APPROVED BY THE RESPONSIBLE ARCHITECT AND DSA.
- E. A COPY OF TITLE-24, ALL PARTS APPLICABLE, TO BE KEPT AT THE JOB SITE AT ALL TIMES.
- F. ADDENDA SHALL BE SIGNED BY THE ARCHITECT (RESPONSIBLE IN CHARGE) AND APPROVED BY DSA.
- G. C.C.D.s SHALL BE SIGNED BY THE ARCHITECT (RESPONSIBLE IN CHARGE), OWNER AND APPROVED BY DSA.
- H. TESTING LAB SHALL BE EMPLOYED BY THE OWNER, APPROVED BY THE RESPONSIBLE ARCHITECT AND DSA.
- I. ALL WORK SURFACES DISTURBED OR DAMAGED BY THE CONSTRUCTION ACTIVITIES SHALL BE REPAIRED IN KIND, TEXTURED AND FINISHED TO MATCH ADJACENT SURFACES.
- J. NEW CONCRETE WALKS SHALL HAVE SLOPES NOT TO EXCEED 1" IN 20" IN THE DIRECTION OF PATH OF TRAVEL. PROVIDE CONTROL JOINTS (C.J.) AT 5'-0" O.C. MAX. AND EXPANSION JOINTS NOT TO EXCEED 30'-0" MAX. PROVIDE MEDIUM BROOM FINISH ON ALL WALKS.
- K. ALL BUILDING AND ROOM NAMES INDICATED ON THESE CONSTRUCTION DOCUMENTS ARE NOT THE ACTUAL BUILDING/ROOM SIGNAGE DESIGNATION. THE GENERAL CONTRACTOR SHALL FURNISH, INSTALL AND COORDINATE ALL REQUIRED SIGNAGE WITH THE OWNER/ARCHITECT PRIOR TO STARTING CONSTRUCTION.
- L. GENERAL CONTRACTOR WILL BE RESPONSIBLE TO COORDINATE RELOCATABLE BUILDING DELIVERY DATES TO THE SCHOOL SITE WITH THE MFGR.
- M. THE GENERAL CONTRACTOR SHALL CONSTRUCT ALL NEW RELOCATABLE BUILDING FOUNDATIONS AS PER THE RELOCATABLE BUILDING MANUFACTURER'S DRAWINGS AND SPECIFICATIONS.
- N. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL HOOK-UPS TO THE RELOCATABLE BUILDINGS AFTER INSTALLATION HAS BEEN COMPLETED BY THE MANUFACTURER.
- O. 5'-0" DEEP x 5'-0" WIDE MINIMUM LANDINGS AT DOORWAYS SHALL BE AS DETAILED AND SHALL HAVE SLOPES (IN ANY DIRECTION) NOT GREATER THAN 1/4" IN 12 SLOPE. SLOPES SHALL BE AWAY FROM DOORWAYS.
- P. GENERAL/SITE CONTRACTOR SHALL FIELD VERIFY THAT EXISTING PATH OF TRAVEL (P.O.T.) IS A MINIMUM OF 4'-0" WIDE AND IS SLIP RESISTANT. IF IT IS NOT, THEN THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF RECORD AND A REMEDY OR ALTERNATE P.O.T. WILL BE PROVIDED.
- Q. THE MAXIMUM DROP BETWEEN EXISTING FINISHED GRADES AND THE TOP OF THE P.O.T. SHOULD NOT EXCEED 4". IF IT DOES, PROVIDE THE NECESSARY WARNING CURB PER CBC SEC. 11B-303.5.

ACCESSIBILITY NOTES

- ARCHITECT HAS INSPECTED THE PATH OF TRAVEL (P.O.T.) AS INDICATED ON THE PLANS AND HAS FOUND IT TO BE, OR HAS INDICATED ON THE PLANS REMEDIAL WORK WHICH WOULD CAUSE IT TO BE, A BARRIER-FREE ACCESSIBLE ROUTE:
- AT LEAST 48" IN WIDTH; OR AS APPROVED BY CODE
 - FREE OF ABRUPT LEVEL CHANGES EXCEEDING 3/4" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES EXCEEDING 3/4"
 - WITH A FIRM, STABLE, AND SLIP RESISTANT WALKING SURFACE
 - WITH A RUNNING SLOPE OF 1:20 (5%) OR LESS AND WITH A CROSS SLOPE OF 1:50 (2%) OR LESS OR A RAMP WITH A RUNNING SLOPE OF 1:12 (8.33%) AND A CROSS SLOPE OF 1:50 (2%) WITH APPROPRIATE REQUIREMENTS AS DETAILED WITHIN THIS SET OF DOCUMENTS.
 - IS FREE OF OVERHEAD OBSTRUCTIONS WITHIN 80" ABOVE THE WALKING SURFACE
 - IS FREE OF OBJECTS WHICH PROTRUDE MORE THAN 4" BETWEEN THE HEIGHTS OF 27" AND 80" ABOVE THE WALKING SURFACE

LEGEND

- INDICATES EXISTING BUILDING TO REMAIN (NO WORK)
- INDICATES NEW TEMPORARY BUILDING UNDER THIS APPLICATION
- INDICATES FIRE TRUCK ACCESS OVER AC PAVING
- HALF-TONE DASHED LINE INDICATES ACCESSIBLE PATH OF TRAVEL

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ARCHITECTURE · INTERIOR DESIGN · CONSTRUCTION MANAGEMENT
6011 N. Fresno, Suite 130 - Fresno, California 93710
Phone (509) 438-0987 Fax (509) 438-0987 E-Mail: design@somam.com
www.integrateddesigns.com

Revision: _____
Rev. Date: _____
Revision Description: _____
Rev. Date: _____
Revision Description: _____
Rev. Date: _____
Revision Description: _____

OVERALL SITE PLAN

1 RELOCATABLE CLASSROOM
PIONEER ELEMENTARY

BAKERSFIELD CITY SCHOOL DISTRICT
4404 PIONEER DRIVE BAKERSFIELD, CA 93306

Issue Date: _____
Date: 03/31/14
Designer: _____
DR: _____
PC: JMF

Agency Approval Stamp:

IDENTIFICATION STAMP
DW OF THE STATE ARCHITECT

APPROX 115740
DATE MAY 14 2014

Stamp(s):

Job No.: **5117**

Sheet No.: **A1.01**

Release: - LFA



WATER AVAILABILITY FORM

PROJECT NAME: PIONEER SCHOOL
 App#: _____
 PROJECT ADDRESS: 4404 Pioneer Dr CITY: Bakersfield
 PHONE: () _____ FAX NUMBER: () _____
 Largest Building (ft.2): _____ Sprinklered?: _____ Construction Type: _____

In accordance with CFC Appendix B: minimum fire flow required at peak system demand is _____ GPM for _____ hours at a minimum residual pressure of 20 psi.

TO BE COMPLETED BY LOCAL WATER COMPANY:

Water Purveyor: East Hills Water District
 Location of test (reference map required): N.E. corner Lexington & Shalimar

FLOW TEST RESULTS:

Static pressure: 70 PSI PSI Hydrant Number (if applicable): 4" No. 1000 N.E. corner
 Elevation of Test: 85' Feet Date/Time of Test: 4/29/14 15"
 Pitot Tube Reading: 1.5 PSI PSI Corresponding Flow: 1456 GPM
 Total Flow: 1456 GPM Residual Pressure: 52 PSI

At peak demand, this water system is capable of providing a fire flow discharge @ 20 psi of no less than 1529.3 GPM.

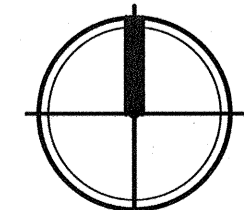
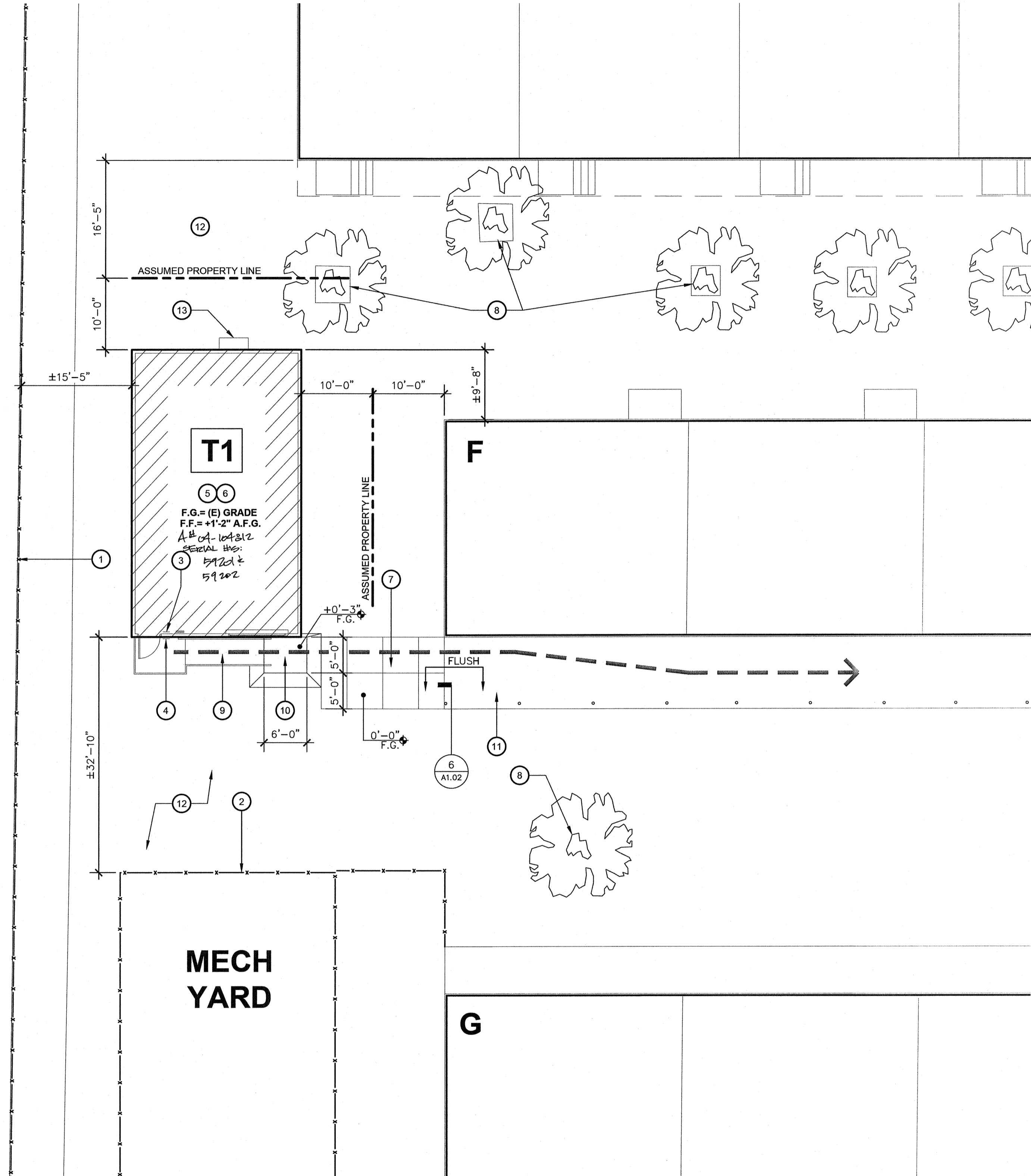
Note: If the water availability information was obtained in a manner other than a flow test (i.e. computer modeling), fill out the information above as applicable and check here: N/A
 Based on water system fluctuations known to exist at the site of the Flow Test, the automatic fire sprinkler system should be designed based on an anticipated high static pressure of _____ (PSI), a low static pressure of _____ (PSI), and a low residual pressure of _____ (PSI) with a residual flow of _____ GPM.

I have witnessed and/or reviewed this water flow information and by personal knowledge and/or on-site observation certify that the above information is correct.

Name: Eric Clark Eng. Lic. No. (if applicable): N/A

Signature: _____

Title/Org.: Inspector with Public Practice Date: 4/28/14



ENLARGED SITE PLAN PIONEER ELEMENTARY

SCALE: 1" = 10'

KEY NOTES

1. EXISTING CHAIN LINK FENCE TO REMAIN
2. EXISTING MECHANICAL ENCLOSURE TO REMAIN
3. NEW TACTILE EXIT SIGN PER DETAIL 2/A1.03
4. NEW ROOM IDENTIFICATION AND ISA SIGNAGE, REFER TO DETAILS 3, 4/A1.03
5. NEW TEMPORARY WOOD FOUNDATION PER PC #04-112161.
6. NEW TEMPORARY PORTABLE BUILDING, (SERIAL NUMBER 59201-02) ON RAISED WOOD FOUNDATION WITH METAL RAMP.
7. NEW CONCRETE WALK - REFER TO DETAIL 5/A1.03
8. EXISTING TREE AND PLANTER TO REMAIN
9. METAL RAMP PER 2/R1.01
10. RAMP TRANSITION PER 19/R1.02
11. EXISTING CONCRETE WALK TO REMAIN, NO WORK
12. EXISTING AC PAVING TO REMAIN
13. CONTRACTOR SHALL PROVIDE AND INSTALL AN 18ga GALV. SHT. MTL. SHROUD AT BOTTOM EDGE OF HVAC UNIT. SHROUD TO EXTEND TO FINISH FLOOR HEIGHT OF CLASSROOM, +27" MAX. ABOVE FINISH GRADE. FURNISH SHROUD TO FULLY ENCLOSE ALL (3) SIDES BELOW HVAC UNIT AND PROVIDE BOTTOM CLOSURE PANEL. PAINT

GENERAL NOTES

- A. DETERIORATION OR EXISTING NON-COMPLIANT CONSTRUCTION:
 IF ANY CONDITION IS DISCOVERED WHICH, IF LEFT UNCORRECTED, WOULD MAKE THE BUILDING NON-COMPLIANT WITH THE REQUIREMENTS OF THE EDITION OF THE CBC IN FORCE AT THE TIME OF ORIGINAL CONSTRUCTION, THE CONDITION MUST BE CORRECTED IN ACCORDANCE WITH CURRENT CODE REQUIREMENTS, A C.C.D. OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK.
 *PER DSA IR 16-1, SEC. 5.4
- B. CONTRACTOR SHALL ADJUST ALL DOOR CLOSERS TO A MAXIMUM OPENING FORCE OF 5 LBF

LEGEND

- INDICATES EXISTING BUILDING TO REMAIN (NO WORK)
- INDICATES NEW TEMPORARY RELOCATABLE BUILDING
- HALF-TONE DASHED LINE INDICATES ACCESSIBLE PATH OF TRAVEL

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 801 N. Fresno, Suite 130 - Fresno, California 93710
 Phone (559) 438-0881 Fax (559) 438-0887 E-Mail: design@somam.com
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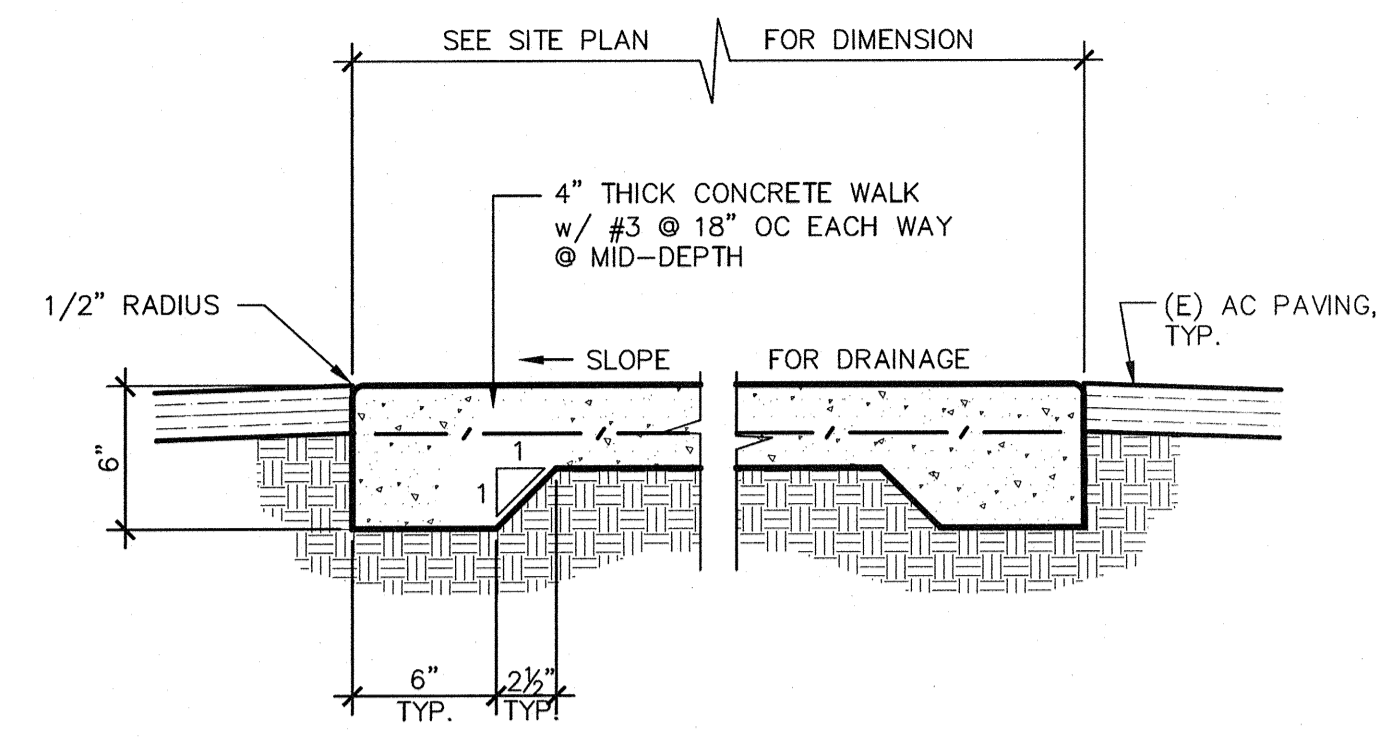
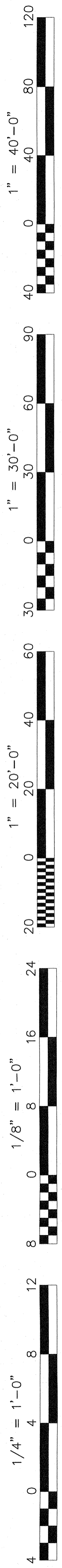
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 Project Name & Address: **1 RELOCATABLE CLASSROOM PIONEER ELEMENTARY**
 BAKERSFIELD CITY SCHOOL DISTRICT
 4404 PIONEER DRIVE BAKERSFIELD, CA 93306

Issue Date: 05/13/14
 Designer: _____
 DR: _____
 PC: JMF

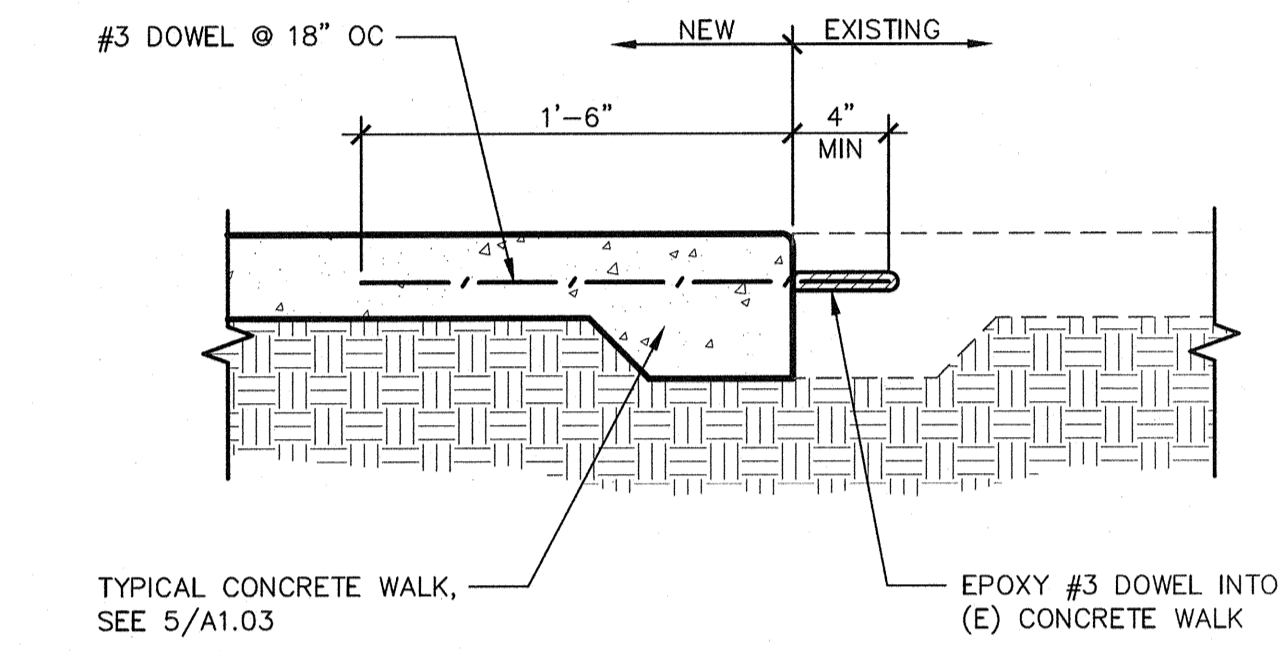
Agency Approval Stamp:
 IDENTIFICATION STAMP
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 APPR 115740
 AC BY FLS
 DATE MAY 14 2014

Stamp(s):

Job No.: **5117**
 Sheet No.: **A1.02**
 Release: _____

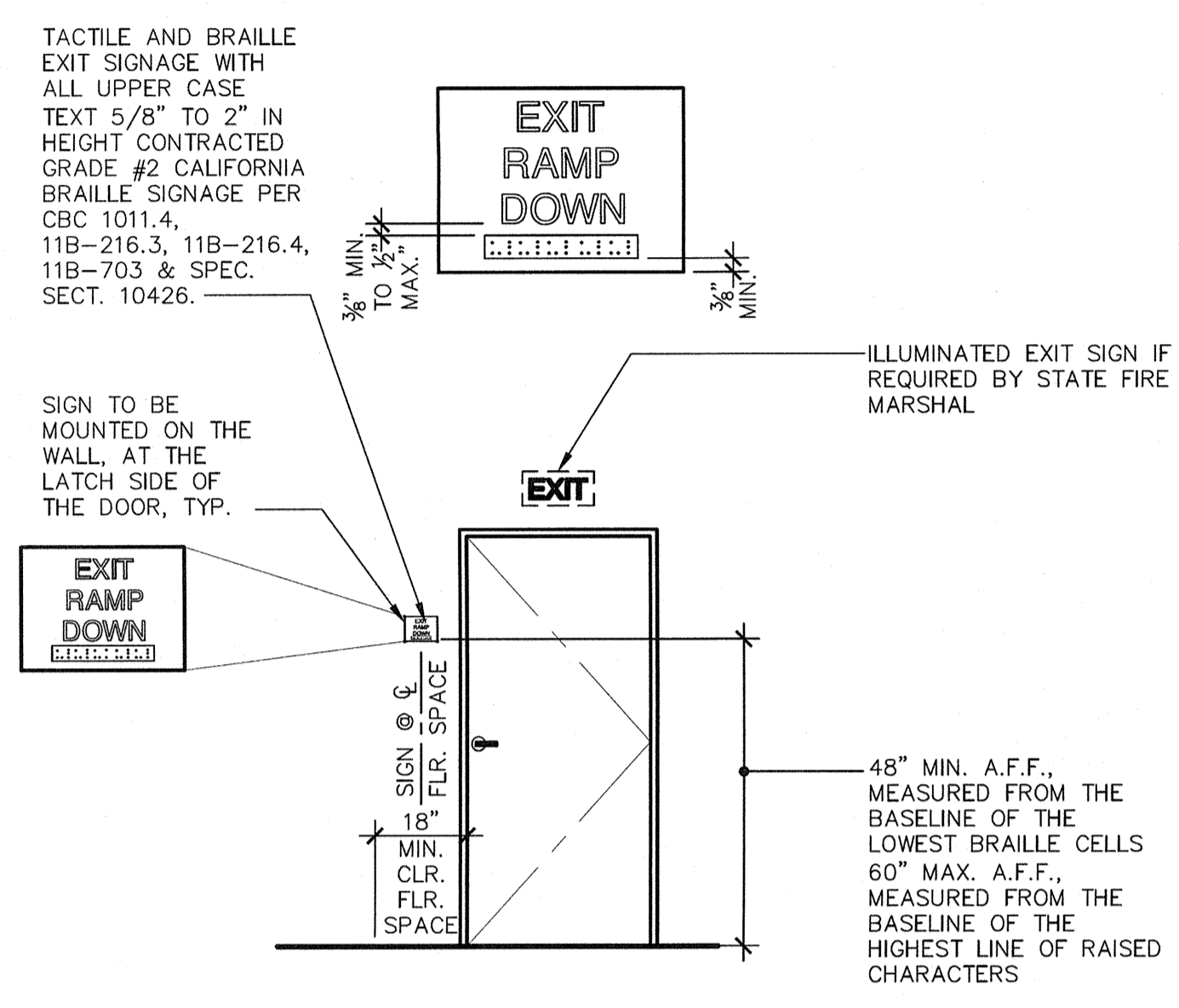


5 TYPICAL CONCRETE WALK
 ADS100-15 SCALE: 1' = 1'-0"

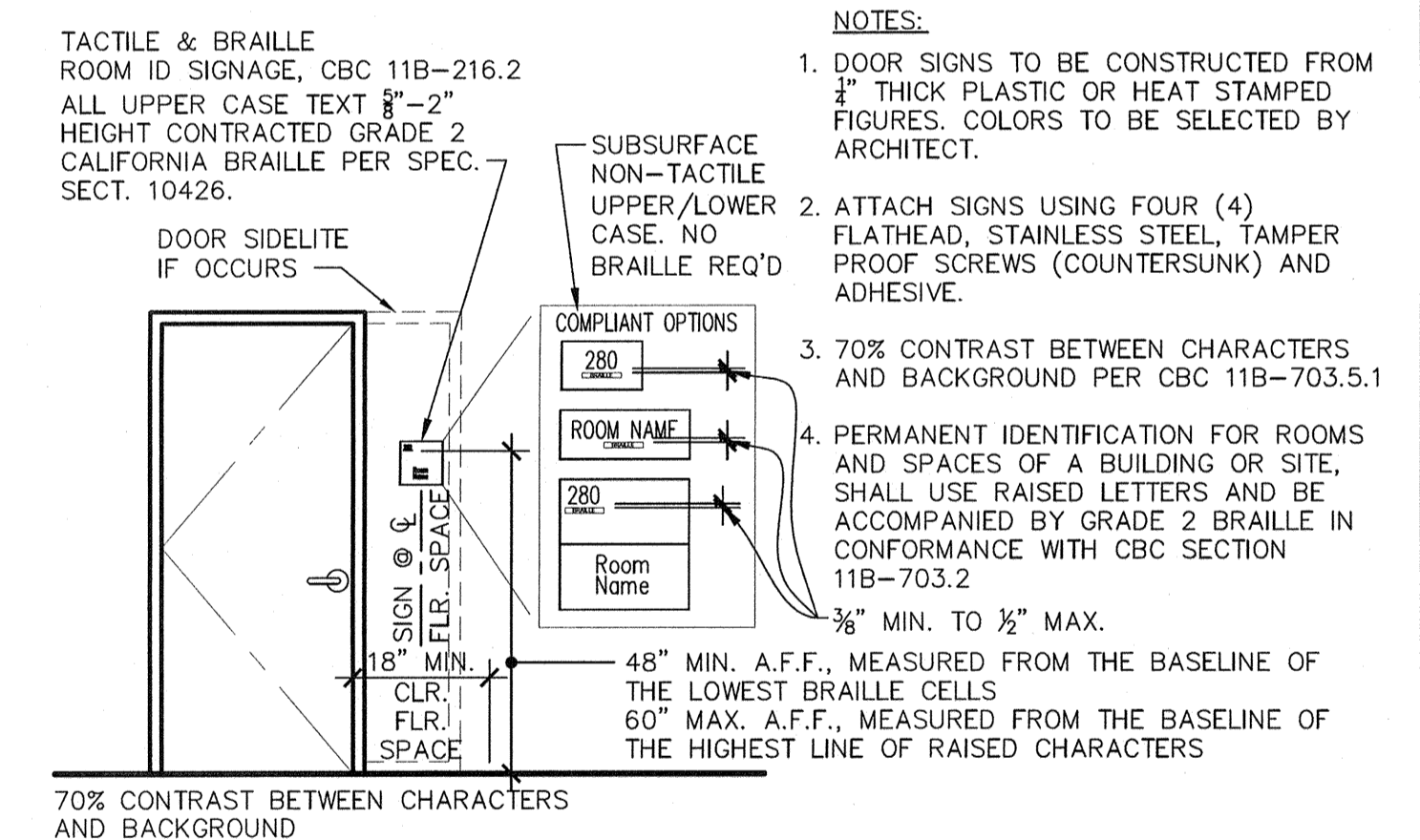


6 NEW WALK INTO EXISTING
 ADS100-24 SCALE: 1' = 1'-0"

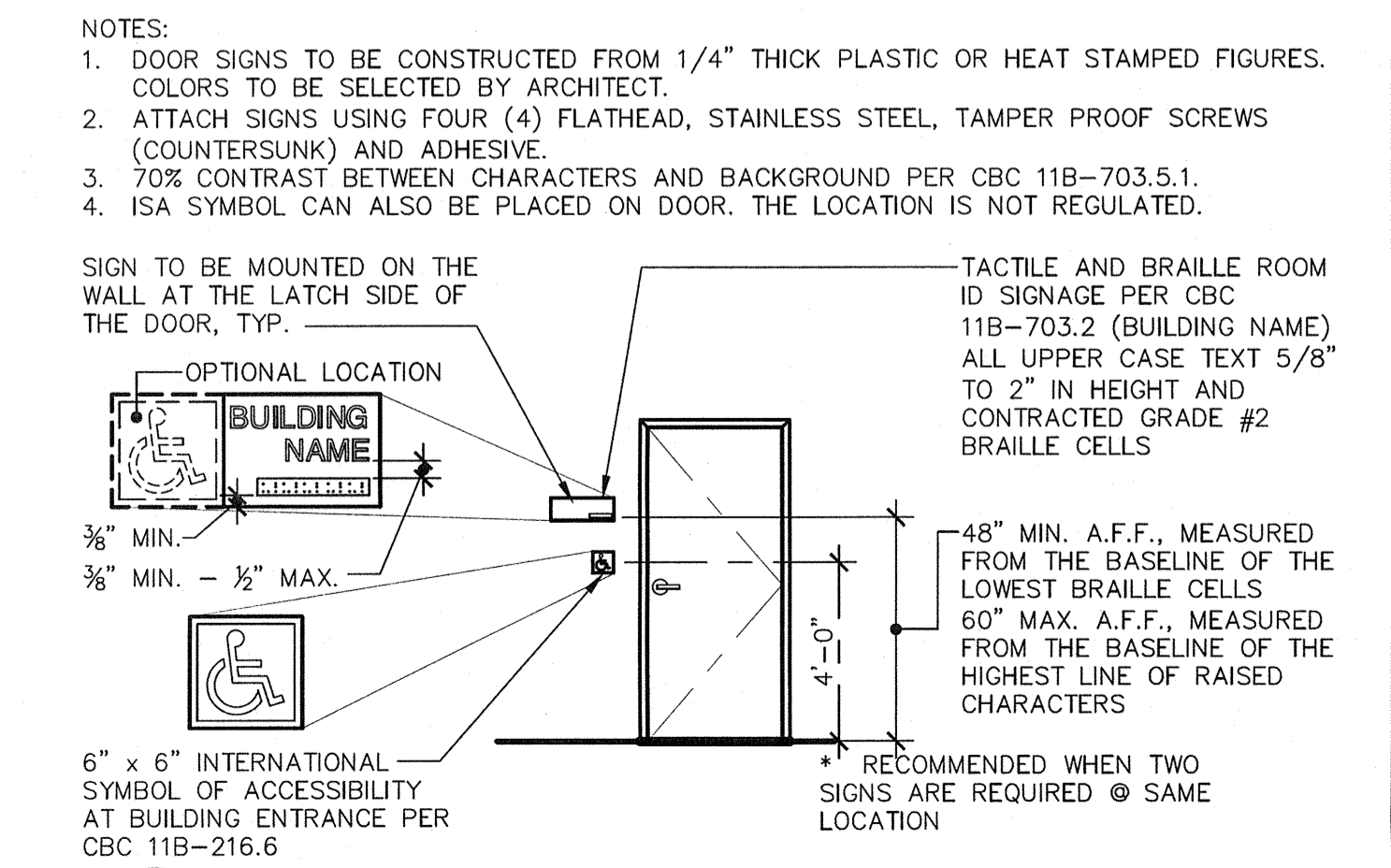
- NOTES:
- DOOR SIGNS TO BE CONSTRUCTED FROM 1/4" THICK PLASTIC OR HEAT STAMPED FIGURES. COLORS TO BE SELECTED BY ARCHITECT.
 - ATTACH SIGNS USING FOUR (4) FLATHEAD, STAINLESS STEEL, TAMPER PROOF SCREWS, (COUNTERSUNK) AND ADHESIVE.
 - 70% CONTRAST BETWEEN CHARACTERS AND BACKGROUND



2 TYPICAL EXTERIOR DOOR SIGNAGE
 ADX200-01 SCALE: 1' = 1'-0"



3 ROOM ID SIGNAGE
 ADX100-01 SCALE: NO SCALE



4 BUILDING ENTRANCE/I.S.A. SIGNAGE
 ADA100-01 SCALE: 1' = 1'-0"

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 801 N. Fresno, Suite 130 - Fresno, California 93710
 Phone (559) 438-0881 Fax (559) 438-0887 E-Mail: design@somam.com
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Rev. No.	Rev. Date	Revision Description

SITE DETAILS

Project Name & Address
1 RELOCATABLE CLASSROOM
PIONEER ELEMENTARY
 BAKERSFIELD CITY SCHOOL DISTRICT
 4404 PIONEER DRIVE BAKERSFIELD, CA 93306

Issue Date: 05/13/14
 Date: 05/13/14
 Designer: JMF
 DR: JMF
 PC: JMF

Agency Approval Stamp:

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APPR 115740
 AC: JFL
 DATE: MAY 14 2014

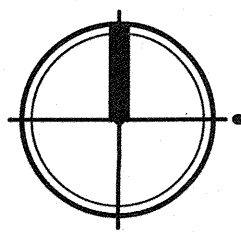
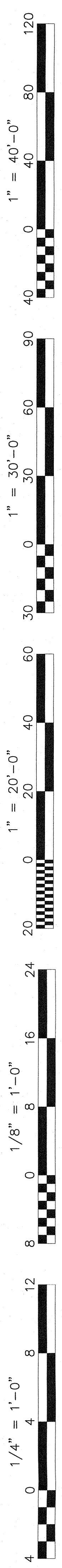
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Professional Seal: JOSH FRANCIS, LICENSED ARCHITECT, No. C 28966, State of California

Job No.: **5117**

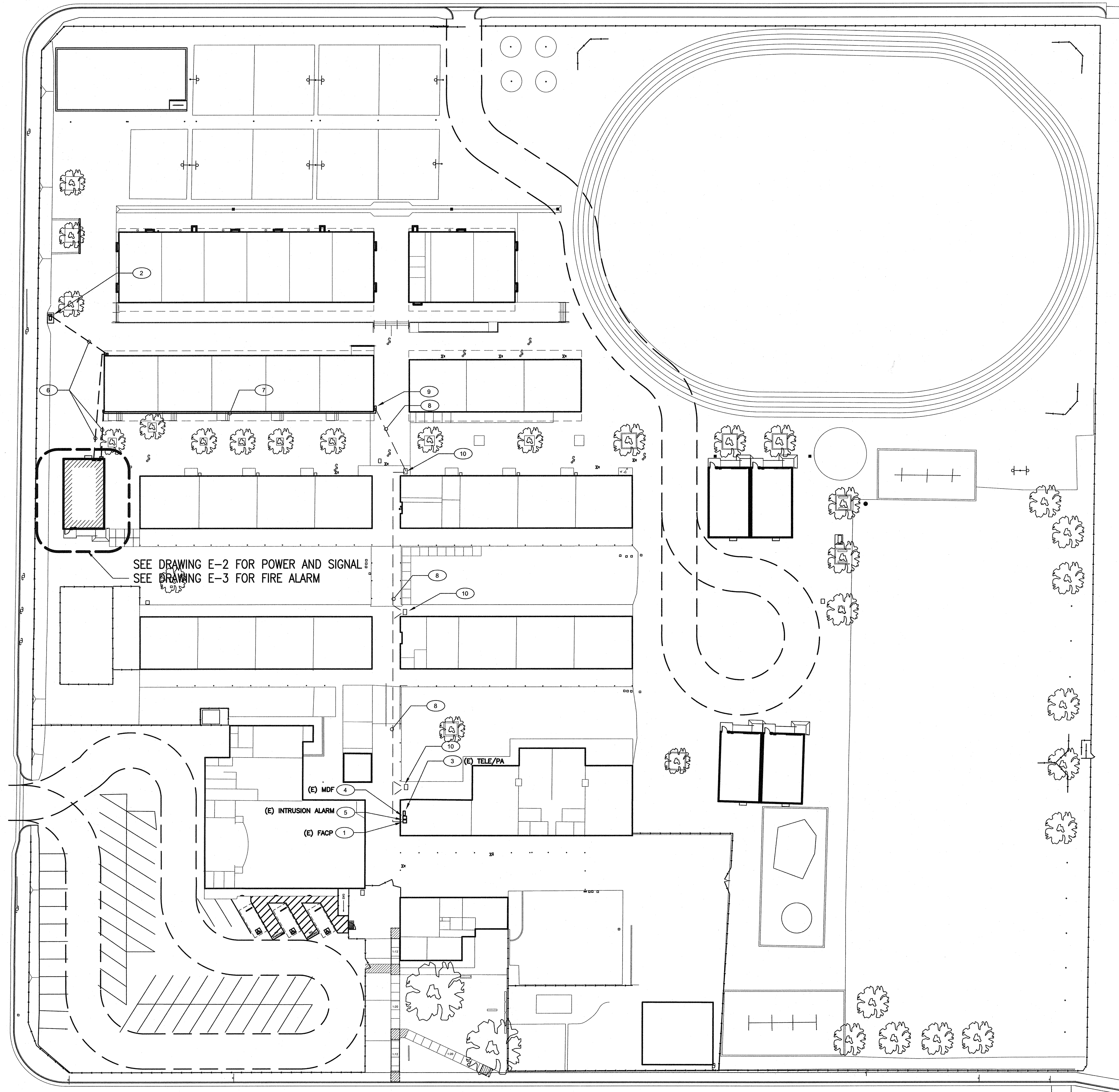
Sheet No.: **A1.03**

Release: -



SITE PLAN - ELECTRICAL
1 RELOCATABLE CLASSROOM

SCALE : 1" = 30' - 0"



SHEET NOTES

- 1 APPROXIMATE LOCATION FOR EXISTING FIRE ALARM CONTROL PANEL. PROVIDE CONNECTION TO NEW FIRE ALARM DEVICES PER PLANS. UPDATE NEW FIRE ZONE MAP AND PROGRAM NEW DEVICES INFORMATION. MEASURE ACTUAL LOAD CURRENT AND VOLTAGE DROP FOR EACH NAC SIGNAL CIRCUITS, AND FACP STANDBY CURRENT AND ALARM CURRENT. SEND THE REPORT TO OWNER AND ENGINEER FOR REVIEW, AND PLASTIC LAMINATED ONE COPY INSIDE FACP CABINET DOOR.
 - 2 APPROXIMATE LOCATION FOR EXISTING POWER PANEL AND TRANSFORMER. PROVIDE NEW FEEDER AND POWER CONNECTION FOR NEW RELOCATABLE CLASSROOM BUILDING PER PLANS. SEE SINGLE LINE DIAGRAM.
 - 3 APPROXIMATE LOCATION FOR EXISTING PA/IC/TELEPHONE EQUIPMENT IN ADMIN OFFICE. PROVIDE CONNECTION FOR NEW SIGNAL DEVICES PER PLANS.
 - 4 APPROXIMATE LOCATION FOR EXISTING COMPUTER MDF SERVER EQUIPMENT IN ADMIN OFFICE. PROVIDE CONNECTION FOR NEW DATA DEVICES PER PLANS.
 - 5 APPROXIMATE LOCATION FOR EXISTING INTRUSION ALARM EQUIPMENT IN ADMIN OFFICE. PROVIDE CONNECTION FOR NEW INTRUSION ALARM DEVICES PER PLANS.
 - 6 NEW UNDERGROUND POWER AND SIGNAL CONDUITS AND WIRING. SEE DRAWING E-2 & E-3 FOR MORE INFORMATION.
 - 7 NEW SIGNAL TC ON EXTERIOR WALL. SEE DRAWING E-2 & E-3 FOR MORE INFORMATION.
 - 8 EXISTING UNDERGROUND SIGNAL CONDUITS, PULL BACK NEW SIGNAL WIRING PER PLANS, FIELD VERIFY LOCATION.
 - 9 EXISTING SIGNAL TC ON EXTERIOR WALL. FIELD VERIFY LOCATION.
 - 10 EXISTING SIGNAL PULL BOX. FIELD VERIFY LOCATION.
- (E) ——— INDICATE EXISTING CONDUIT AND WIRING. FOR REFERENCE ONLY, FIELD VERIFY AS REQUIRED.

GENERAL NOTES:

A. SOURCE OF POWER HAS BEEN INDICATED AND IS ADEQUATE FOR THE ADDL LOAD

B. SITE INSPECTOR IS RESPONSIBLE TO WITNESS & VERIFY GROUNDING TESTS.

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 Phone (559) 439-0881 Fax (559) 439-0887 E-Mail: design@somam.com
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Rev. No.	Rev. Date	Revision Description

Sheet Title: **SITE PLAN - ELECTRICAL**

Project Name & Address: **1 RELOCATABLE CLASSROOM PIONEER ELEMENTARY**
 BAKERSFIELD CITY SCHOOL DISTRICT
 4404 PIONEER DR., BAKERSFIELD, CA 93306

Issue Date: 00/00/14	Date: 03/14/14	Designer: J CHONG	DR: J CHONG	PC: JMF
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Agency Approval Stamp:

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 AC: [Signature] ELS [Signature] VC
 DATE: MAY 14 2014

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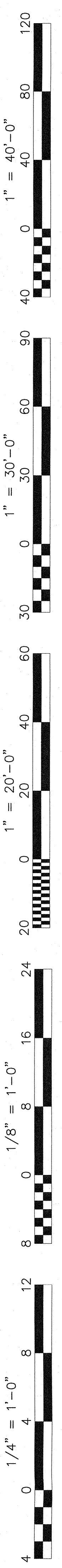
Job No.: **5117**

Sheet No.: **E-1**

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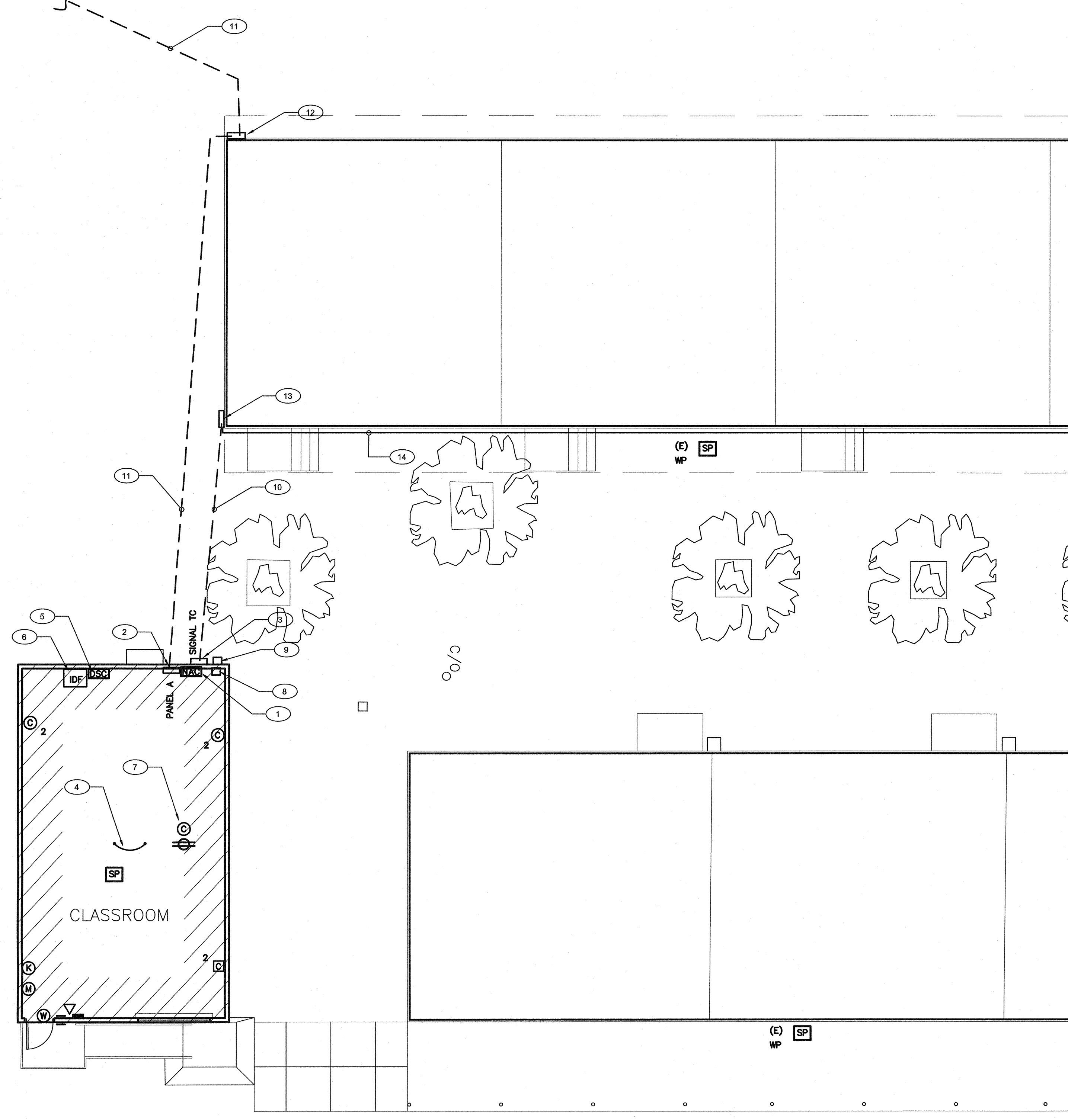
CONSULTING ENGINEERS
JOHN CHONG ENGINEERING
 2017 E. DELCATUR AVE, FRESNO CA 93720
 (559) 215-9286 • FAX 251-9461
 jchenginer@aol.com

REGISTERED PROFESSIONAL ENGINEER
 JOHN S. CHONG
 E 14419
 Exp. 6/30/2014
 ELECTRICAL
 STATE OF CALIFORNIA



SEE SITE PLAN FOR CONTINUOUS

SEE SITE PLAN FOR CONTINUOUS



POWER AND SIGNAL PLAN
1 RELOCATABLE CLASSROOM

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

SIGNAL AND COMM. LEGEND

- SECURITY ALARM SYSTEM**
- (DSC) DIGITAL SECURITY ALARM CONTROL PANEL MODEL SONITROL (6-ZONE). INTERFACE WITH EXISTING BUILDING MASTER SECURITY ALARM PANEL AS REQUIRED.
 - (K) LID KEYPAD - MATCH EXISTING EQUIPMENT AS REQUIRED.
 - (M) DUAL TECHNOLOGY CEILING MOUNT DETECTOR. MATCH EXISTING EQUIPMENT AS REQUIRED.
 - (B) EXTERIOR BELL (SIREN) - DSCJSD15W WITH WEATHERPROOF BACKBOX AND TAMPER SWITCH.
 - (W) DOOR CONTACT SWITCH. RECESS ABOVE DOOR JAMB AT OPEN SIDE.
 - B- INDOOR SECURITY ALARM CABLE. WEST PENN #241
 - B1- OUTDOOR SECURITY ALARM CABLE. WEST PENN #AQC224
- COMMUNICATION (TELEPHONE/INTERCOM) SYSTEM**
- (H) HANDSET/IP PHONE - FIELD VERIFY MODEL NO. AND MATCH EXISTING MASTER EQUIPMENT AS REQUIRED.
 - (SP) CEILING SPEAKER - RAULAND JUS0221 W/ACC1000 Baffle. PROVIDE BACKBOX AND CEILING SUPPORT AS REQUIRED.
 - (SP) WP OUTDOOR SPEAKER - ATLAS #APP15 HORN W/WMR AND LOWELL (#CB84 FOR SURFACE, #P875X FOR RECESS) BACK BOX W/SOLQ GRILL.
 - T- OUTDOOR TELE/AC CABLE. 22AWG SOLID COPPER 12 PAIR SHIELDED AND 12 PAIR UNSHIELDED CABLE.
 - T1- INDOOR TELEPHONE CABLE. CAT.3 22AWG SOLID COPPER 4UTP SHIELDED CABLE.
 - P1- OUTDOOR PA/IC CABLE - WEST PENN #AQC-369
- DATA COMMUNICATION SYSTEM**
- (C) 2 DATA OUTLET - LEVITON CAT 5E (DUAL RECEPTACLE RED IN COLOR FOR ADMINISTRATIVE)
 - (C) 2 DATA OUTLET - LEVITON CAT 5E (DUAL RECEPTACLE BLUE IN COLOR FOR INSTRUCTIONAL)
 - FO- FIBER OPTIC CABLE VIA INNER DUCT WITH J-HOOK IN ATTIC AND 2'C FOR OUTDOOR. SEE RISER DIAGRAM FOR MODEL NO.
 - C1- (ONE) CAT 5E 22AWG 4UTP. SEE RISER DIAGRAM FOR MODEL NO.
 - C2- (TWO) CAT 5E 22AWG 4UTP. SEE RISER DIAGRAM FOR MODEL NO.
- NOTES:**
1. ALL SIGNAL CONDUCTORS CANNOT SPLICE INSIDE PULL BOX. CONDUCTOR MUST BE CONTINUE RUN BETWEEN SIGNAL DEVICES BACK BOX OR ABOVE GROUND TERMINAL CABINET.

SHEET NOTES

1. NEW FIRE ALARM SIGNAL BOOSTER PANEL. PROVIDE 110V DEDICATE CIRCUIT AND CONNECTION FROM PANEL A. PROVIDE LOCKING DEVICE ON CIRCUIT BREAKER. SEE DRAWING E-3 FOR MORE INFORMATION.
2. PROVIDE POWER CONNECTION FOR RELOCATABLE BUILDING PRE-WIRED PANEL. SEE SINGLE LINE DIAGRAM ON DRAWING E-4.
3. PROVIDE NEW SIGNAL TC, 24"x24"x8"D, NEMA3R, SURFACE MOUNT ON EXTERIOR AT +24" AFF. PROVIDE (2) 2"C DIT AND STUB INTO BUILDING CEILING CAVITY WITH LED ELBOW FOR SIGNAL WIRING RACEWAY. CORE DRILL AND SEAL EXTERIOR WALL AS REQUIRED. PULL BACK PA/IC/TELE CABLE TO BOOK ROOM MASTER EQUIPMENT FOR NEW DEVICES CONNECTION. SEE RISER DIAGRAMS.
4. PROVIDE #6 COPPER GROUNDING CONDUCTOR AND BOND TO EACH SECTION STRUCTURAL STEEL BEAM. FIELD VERIFY EXACT LOCATION WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
5. NEW SECURITY ALARM PANEL AND SYSTEM. PROVIDE 110V POWER CONNECTION AND INTERCONNECTION TO (E) MASTER EQUIPMENT IN ADMIN OFFICE. FIELD VERIFY EXACT LOCATION AND REQUIREMENT WITH OWNER PRIOR TO INSTALLATION. SEE RISER DIAGRAM.
6. NEW IDF AND CABINET SURFACE MOUNTED BELOW CEILING. PROVIDE 110V POWER CONNECTION, DATA SWITCH, FO CABLE AND DATA PATCH PANEL FOR NEW DATA OUTLET CONNECTION. PROVIDE FO CABLE TO (E) IDF IN ADMIN OFFICE FOR INTERCONNECTION. FIELD VERIFY EXACT LOCATION AND REQUIREMENT WITH OWNER PRIOR TO INSTALLATION. SEE RISER DIAGRAM.
7. DATA AND POWER OUTLET AT CEILING FOR SMART BOARD. FIELD VERIFY EXACT LOCATION AND REQUIREMENT WITH OWNER PRIOR TO INSTALLATION. SEE RISER DIAGRAM.
8. PROVIDE 50 PAIR PUNCH DOWN BLOCK AND SURFACE MOUNTED BELOW CEILING FOR INTERCOM / TELEPHONE WIRING TERMINATION.
9. PROVIDE NEW FA PULL CAN, SEE DRAWING E-3 FOR MORE INFORMATION.
10. PROVIDE NEW SIGNAL UNDERGROUND CONDUITS AND WIRING. SEE SIGNAL RISER DIAGRAMS.
11. PROVIDE NEW UNDERGROUND POWER CONDUITS AND WIRING. SEE SINGLE LINE DIAGRAM.
12. 24"x24"x8" NEMA3R NEW PULL CAN SURFACE MOUNTED ON EXTERIOR WALL AT +24" AFF. FOR NEW POWER CONDUCTORS. FIELD VERIFY LOCATION.
13. 24"x24"x8" NEMA3R NEW PULL CAN SURFACE MOUNTED ON EXTERIOR WALL AT +24" AFF. INSTALL NEW CONDUITS AND WIRING PRE RISER DIAGRAMS. 50 PAIR PUNCH DOWN BLOCK, FA TERMINAL STRIP AND DIVIDER INSIDE TC.
14. NEW SIGNAL CONDUIT RACEWAY ON EXTERIOR WALL. FIELD VERIFY LOCATION. PROVIDE UNISTRUT FOR SUPPORT.

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Phone (559) 436-0881 Fax (559) 436-0887 E-Mail: design@somam.com
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Rev. No.	Date	Description

Sheet Title: **POWER AND SIGNAL PLAN**
Project Name & Address: **1 RELOCATABLE CLASSROOM PIONEER ELEMENTARY BAKERSFIELD CITY SCHOOL DISTRICT 4404 PIONEER DR., BAKERSFIELD, CA 93306**

Issue Date:	00/00/14
Date:	03/14/14
Designer:	J CHONG
DR:	J CHONG
FC:	JMF

Agency Approval Stamp:

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DIV. OF THE STATE ARCHITECT
APP03 115740
AC: [Signature]
DATE: MAY 14 2014

Stamp(s):

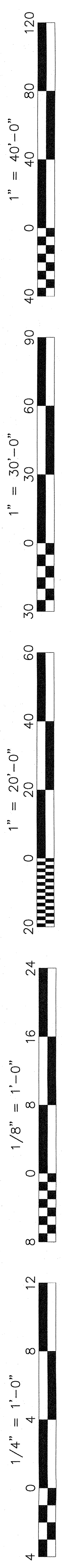
Job No.: **5117**

Sheet No.: **E-2**

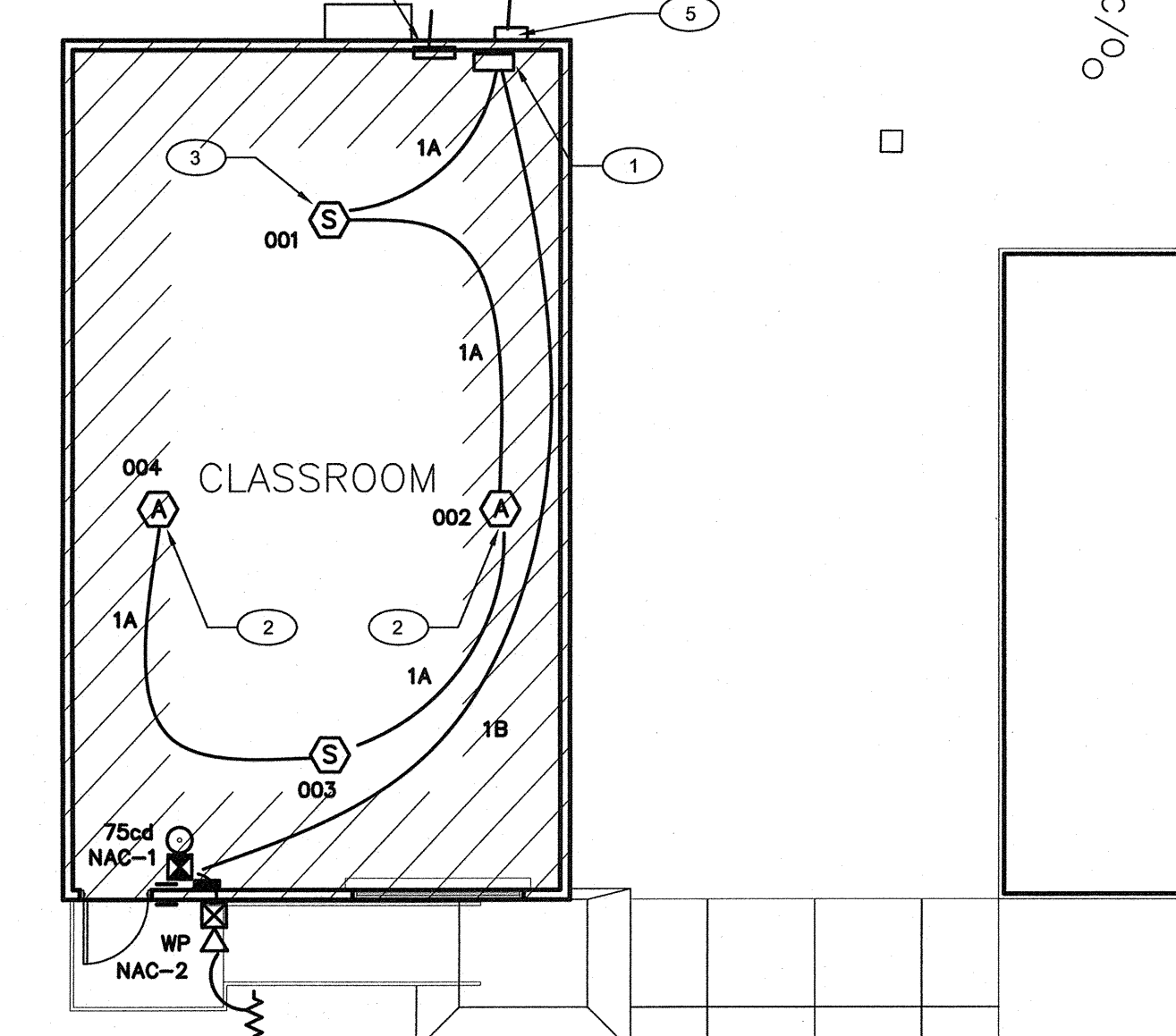
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CONSULTING ENGINEERS
JOHN CHONG ENGINEERING
2027 E DECATUR AVE, FRESNO CA 93710
(559) 525-9286 • FAX 257-2421
jchong@jce.com

REGISTERED PROFESSIONAL ENGINEER
JOHN S. CHONG
E 14419
Exp. 6/30/2014
ELECTRICAL
STATE OF CALIFORNIA



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FIRE ALARM PLAN

1 RELOCATABLE CLASSROOM

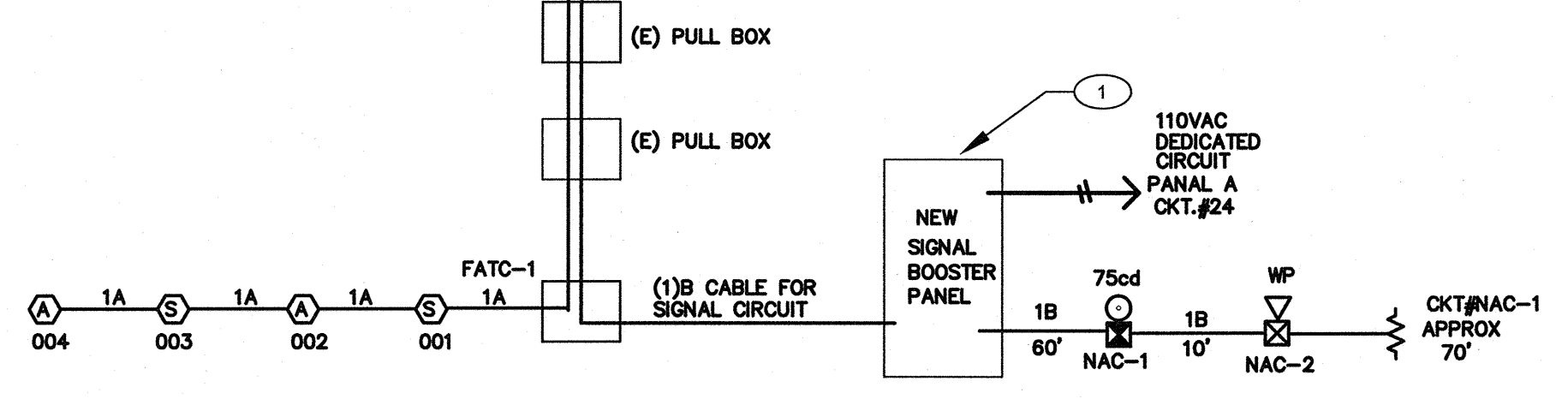
SCALE : 1/8" = 1' - 0"

BATTERY POWER CALCULATIONS

EXISTING FIRE ALARM CONTROL PANEL

DEVICE	NO. OF DEVICE	CURRENT PER DEVICE	STANDBY CURRENT	ALARM CURRENT	LED CURRENT
EXISTING	1	0.250A	0.500A	0.250A	0.500A
EXISTING SMOKE DETECTOR	200	0.000390A	0.0008A	0.0780A	0.160A
EXISTING HEAT DETECTOR	160	0.0A	0.00024A	0.0A	0.0384A
NEW SMOKE DETECTOR	2	0.000390A	0.0008A	0.00078A	0.0016A
NEW HEAT DETECTOR	2	0.0A	0.00024A	0.0A	0.00048A
SUB-TOTAL			0.32878A	0.70048A	
24 HOUR STANDBY CURRENT			7.891AH		
5 MINUTE LED CURRENT (0.083 HR)			0.026AH		
SUBTOTAL			7.949AH		
20% SAFETY FACTOR			1.590AH		
TOTAL NEW AMPS-HRS REQUIRED			9.539AH		
EXISTING FACP 8AH BATTERY WITH NEW 12AH BATTERIES					

DURING THE FINAL TESTING, MEASURE EXACT STANDBY AND ALARM CURRENT. VOLTAGE DROP FOR EACH SIGNAL CIRCUITS. SEND OWNER AND ENGINEER ONE COPY RECORD FOR REVIEW, AND PLASTIC LAMINATED ONE COPY INSIDE CABINET DOOR.



- ### NOTES:
- RISER DIAGRAM IS DIAGRAMMATIC. SEE FIRE ALARM FLOOR PLAN AND FIELD VERIFY EXACT ROUTING AS REQUIRED.
 - ALL INTERIOR FIRE ALARM CONDUCTORS ARE INSTALLED IN EMT CONDUIT AND CONCEAL ABOVE CEILING OR INSIDE WALL WITH 3/4" C.
 - FIRE ALARM CONDUCTOR CANNOT SPLICE INSIDE PULL BOX. CONDUCTOR MUST BE CONTINUE RUN BETWEEN FIRE ALARM DEVICES BACK BOX OR TERMINAL CABINET.

1 FIRE ALARM RISER DIAGRAM

SIGNAL CIRCUIT LOAD SUMMARY

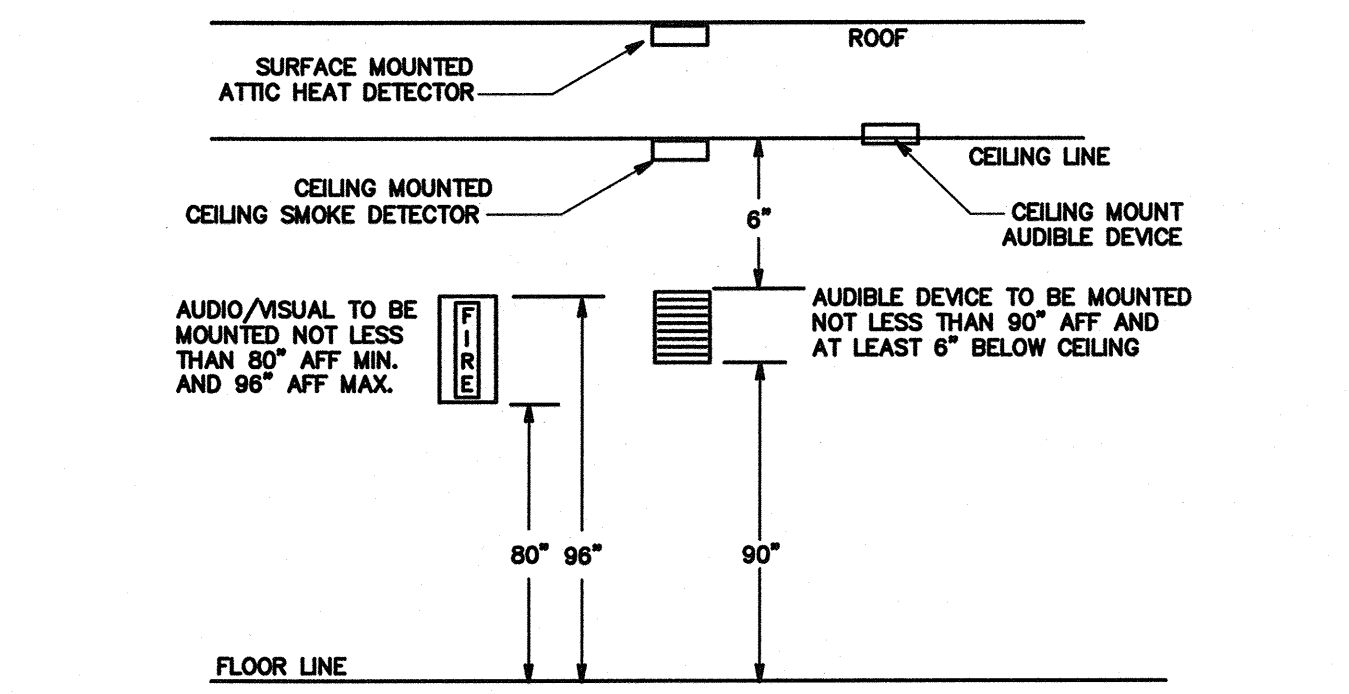
ITEM	AMPERES	APPROX LENGTH	RESISTIVITY OHM	WIRE AWG	AREA CM	VOLTS DROPPED	% VOLTS DROP
OKT. NAC-1	0.014A	70'	21.6	12	6530	0.003V	0.01%

FA CABLE SCHEDULE

TYPE	DESCRIPTION
A	INITIATING CIRCUIT CABLE 2#18 AWG SOLID COPPER PVC JACKET POWER LIMITED FPLR CABLE, FOR INDOOR VIA J-HOOK AND OUTDOOR VIA MIN. 3/4" CONDUIT INSTALLATION
B	NAC SIGNAL CIRCUIT CABLE 2#12 AWG SOLID COPPER PVC JACKET POWER LIMITED FPLR CABLE, FOR INDOOR VIA J-HOOK AND OUTDOOR VIA MIN. 1" CONDUIT INSTALLATION
C	INITIATING CIRCUIT CABLE 2#16 AWG SOLID COPPER PVC JACKET POWER LIMITED FPLR CABLE, FOR INDOOR VIA J-HOOK AND OUTDOOR VIA MIN. 1 1/2" CONDUIT INSTALLATION

FIRE ALARM SYMBOLS AND SCHEDULE

ITEM	DESCRIPTION	MODEL NUMBER	CSFM NUMBER	MOUNT	BACK BOX
[Symbol]	NAC SIGNAL BOOSTER PANEL	HCHKI #FN-642-ULADA	7315-0410:166	+60"	EQUIPMENT CABINET
[Symbol]	SPEAKER STROBE	HCHKI #HES3-24WR	7135-0410:187	+80"	4"SQ X 2 1/2"D
[Symbol]	OUTDOOR HORN	HCHKI #HHE-24WR	7135-0410:187	+80"	4"SQ X 2 1/2"D
[Symbol]	ADDRESSABLE CEILING SMOKE DETECTOR WITH BASE	HCHKI #ALK-V /YBN-NSA-4	7272-0410:173	CEILING	4"SQ X 2 1/2"D
[Symbol]	ATTIC HEAT DETECTOR 190°F TEMP WITH BASE AND MONITOR MODULE	HCHKI #DFE 190°/HSC-XOOL #FRME-4	7272-0410:119 7300-0410:150	ATTIC	4"SQ X 2 1/2"D
[Symbol]	END OF LINE RESISTOR	N/A	N/A	LAST DEVICE	4"SQ X 2 1/2"D



2 TYPICAL FIRE ALARM DEVICES MT'D DETAIL

N.T.S.

BATTERY POWER CALCULATIONS

NEW NAC SIGNAL BOOSTER PANEL

DEVICE	NO. OF DEVICE	CURRENT PER DEVICE	STANDBY CURRENT	ALARM CURRENT
UNIT	1	0.120A	0.175A	0.120A
OUTDOOR HORN	1	---	0.056A	---
MINI HORN	0	---	0.025A	---
VISUAL 15cd	0	---	0.041A	---
AUDIO/VISUAL 15cd	0	---	0.093A	---
AUDIO/VISUAL 30cd	0	---	0.114A	---
AUDIO/VISUAL 75cd	1	---	0.80A	---
AUDIO/VISUAL 110cd	0	---	0.197A	---
SYNC MODULES	0	---	0.035A	---
SUB-TOTAL			0.120A	0.311A
24 HOUR STANDBY CURRENT			2.880AH	
5 MINUTE ALARM CURRENT (0.083 HR)			0.026AH	
SUBTOTAL			2.906AH	
20% SAFETY FACTOR			0.581AH	
TOTAL AMPS-HRS REQUIRED			3.487AH	
PROVIDE BATTERY WITH (2) NEW 6AH BATTERY				

DURING THE FINAL TESTING, MEASURE EXACT STANDBY AND ALARM CURRENT. VOLTAGE DROP FOR EACH SIGNAL CIRCUITS. SEND OWNER AND ENGINEER ONE COPY RECORD FOR REVIEW, AND PLASTIC LAMINATED ONE COPY INSIDE CABINET DOOR.

FA SEQUENCE OF OPERATIONS

	NEW AND EXISTING SMOKE DETECTORS	NEW AND EXISTING HEAT DETECTORS	SUPERVISORY TROUBLE FAILURE	EXISTING PULL STATION	EXISTING SMOKE DETECTOR	(E) FIRE SPRINKLER FLOW AND TAMPER SWITCHES
AUDIO VISUAL DEVICE	X	X		X	X	X
OFF-SITE MONITORING CERTIFY AGENCY	X	X		X		X
CONTROL PANEL	X	X	X	X	X	X
REMOTE ANNUNCIATOR	X	X	X	X	X	X
HVAC SHUT DOWN					X	X

VOLTAGE DROP CALCULATION

WORST CASE VOLTAGE DROP AT THE LAST DEVICE

VD = VOLTAGE DROP
I = TOTAL LOAD
K = 21.6
L = DISTANCE TO THE LOAD
CM = CIRCULAR MILLS (CROSS SECTION OF 12 AWG = 6530)
V = VOLTAGE (24vdc)
VD = $K \cdot I \cdot L \cdot CM$

SIGNAL OKT NO.	AMPERES	APPROX LENGTH	RESISTIVITY OHM	WIRE AWG	AREA CM	VOLTS DROPPED	% VOLTS DROP
OKT. 1	0.014A	70'	21.6	12	6530	0.003V	0.01%

- ### F.A. MONITORING NOTES
- THE AUTOMATIC FIRE ALARM SYSTEMS SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72 AND AMENDED EITHER LUEX OR ULIS BY UNDERWRITERS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011. SUPERVISION OF SYSTEM AND LEASED TELEPHONE LINES SHALL BY ARRANGED BY OWNER.

- ### SEISMIC ANCHORAGE
- TO COMPLY WITH 2013 CBC AND TITLE 24.
 - WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ELECTRICAL ENGINEER AND THE FIELD ENGINEER OF THE DIVISION OF THE STATE ARCHITECT.

- ### COMPLETE AUTOMATIC FIRE ALARM PLAN SUBMITTAL
- THE FIRE ALARM SYSTEM SHOWN ON THESE PLANS HAS BEEN SUBMITTED AND APPROVED BY DIVISION OF THE STATE ARCHITECT. ANY SUBSTITUTION OF THE FIRE ALARM SYSTEM SHALL BE RESUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL PAY ANY ADDITIONAL FEES THAT ARE INCURRED DUE TO THIS SUBSTITUTION.
 - THE AUTOMATIC FIRE ALARM SYSTEM SHALL COVER ALL ROOMS AND AREAS AND UPON ACTIVATION OF AN INITIATING DEVICE ALERT ALL OCCUPANTS AND TRANSMIT THE ALARM, SUPERVISORY, AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION. (EXCEPTION: SMOKE DETECTORS ARE NOT REQUIRED IN NON-ACCESSIBLE AREAS AS DEFINED IN EMERGENCY EXPRESS TERMS OF PROPOSED S.F.M. AMENDMENTS TO 2007 C.F.C. SECTION 210 (C.F.C. SECTIONS 1006.2.4.2.2.1.1 AND 1006.2.4.2.2.1.5).

SHEET NOTES

- PROVIDE NEW FIRE ALARM NAC SIGNAL BOOSTER PANEL AND CONNECT TO (E) FACP PER RISER DIAGRAM. PROVIDE 110V DEDICATED CIRCUIT AND CONNECTION FROM PANEL A CIRCUIT NO. 24 WITH MECHANICAL LOCK ON BREAKER. PROVIDE FIRE ZONE MAP INFORMATION, MEASURE ACTUAL LOAD CURRENT AND VOLTAGE DROP FOR EACH NAC SIGNAL CIRCUITS, AND STANDBY CURRENT AND ALARM CURRENT. SEND THE REPORT TO OWNER AND ENGINEER FOR REVIEW, AND PLASTIC LAMINATED ONE COPY INSIDE CABINET DOOR. SEE FA RISER DIAGRAM FOR DETAIL.
- LOCATE HEAT DETECTOR IN ATTIC AND SURFACE MOUNT ON THE BOTTOM OF RAFTER. DETECTOR COVERAGE WILL BE DERATED 50% ACROSS THE RAFTER. FIELD VERIFY LOCATION WITH GENERAL CONTRACTOR AND PROVIDE ATTIC HEAT DETECTOR IN EACH BAY OF STRUCTURAL.
- LOCATE CEILING SMOKE DETECTOR 5 FEET FROM NEW NAC SIGNAL EXPANDER PANEL. FIELD VERIFY LOCATION.
- PROVIDE NEW FATC PULL BOX AND NEW UNDERGROUND CONDUITS AND WIRING, SEE SIGNAL RISER DIAGRAMS.
- PROVIDE NEMASR 6"x6"x4" NEMASR TO SURFACE MOUNTED ON EXTERIOR WALL AT +24" AFF WITH 1" STUB INTO BUILDING CEILING CAVITY WITH LB FITTING. PROVIDE TERMINAL STRIP INSIDE TO FOR CONDUCTOR TERMINATION. NO WIRE, NUTS ALLOWED. CORE DRILL AND SEAL EXTERIOR WALL AS REQUIRED.
- INSTALL NEW UNDERGROUND 1 1/2" FC CONDUIT AND WIRING, SEE RISER DIAGRAM.
- 24"x24"x8" NEMASR NEW PULL CAN SURFACE MOUNTED ON EXTERIOR WALL AT +24" AFF. INSTALL NEW CONDUITS AND WIRING PER SINGLE LINE DIAGRAMS.
- NEW EMT CONDUIT RACEWAY ON EXTERIOR WALL FOR FA CABLE RACEWAY. PROVIDE UNISTRUT FOR MOUNTING.

F.A SYSTEM SCOPE OF WORK

- PROVIDE AUTOMATIC FIRE ALARM SYSTEM WITH VOICE EVACUATION FOR THE NEW CLASSROOM BUILDING PER PLANS.
- EXISTING FACP IS 24VDC ADDRESSABLE, AND CLASS B WIRING SYSTEM. AND WITH OFF SITE MONITORING SERVICE VIA AUTO DUAL LINE DIALER AND TELEPHONE LINES.
- DURING THE FINAL TESTING, MEASURE ALL FIRE ALARM CURRENTS, VOLTAGE DROP FOR EACH SIGNAL CIRCUITS. SEND OWNER AND ENGINEER ONE COPY RECORD FOR REVIEW, AND PLASTIC LAMINATED ONE COPY INSIDE FACP CABINET DOOR.
- COMPLETE FIRE ALARM DRAWING SUBMITTAL IS PROVIDED.

FIRE ALARM NOTES

- THE SYSTEMS SHALL CONFORM TO CALIFORNIA ELECTRICAL CODES ARTICLE 760, CALIFORNIA FIRE CODE ARTICLE 10 AND CALIFORNIA BUILDING CODE, SECTION 305.9.
- FIRE ALARM CIRCUITS SHALL BE RUN IN EMT CONDUIT PER SPECIFICATIONS.
- 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.
- NO SPLICE SHALL BE PERMITTED IN PULLBOXES. ALL WIRE SHALL BE RUN CONTINUOUS BETWEEN TERMINAL CABINETS.
- ALL PENETRATIONS IN FIRE-RATED ASSEMBLIES SHALL BE SEALED IN COMPLIANCE WITH CHAPTER 7, C.B.C.
- AUDIBLE SIGNALS INTENDED FOR OPERATION IN THE PRIVATE MODE SHALL HAVE A SOUND LEVEL OF NOT LESS THAN 45 dBA AT 10 FT OR MORE THAN 130dBA AT THE MINIMUM HEARING DISTANCE FORM THE AUDIBLE APPLIANCE. AN AVERAGE SOUND LEVEL GREATER THAN 115 dBA REQUIRES THE USE OF A VISIBLE SIGNAL APPLIANCES. IF AUDIBILITY LEVEL DOES NOT MEET THE REQUIREMENT AT THE TIME OF TESTING, NEW AUDIBLES AND REVISED PLANS WILL BE REQUIRED.
- NEW FIRE ALARM AUDIBLES SHALL BE TAMPO CODE 3.
- A CERTIFICATE OF COMPLETION SHALL BE PROVIDED TO THE OWNER PER NFPA 72 AND THE CALIFORNIA FIRE CODE.
- AN APPROVED FIRE ALARM SYSTEM SHALL BE INSTALLED AS SET FORTH IN THE CALIFORNIA FIRE CODE IN GROUP, DIVISION 1, 2, AND 2.1 OCCUPANCIES. (303.9, CBC)
- THE ALARM SYSTEM SHALL BE INSTALLED, TESTED, AND MAINTAINED IN ACCORDANCE WITH THE STATE FIRE MARSHAL'S REGULATIONS (NFPA 72, 1999 EDITION)
- THE FIRE ALARM SYSTEM SHALL CONFORM TO CALIFORNIA ELECTRICAL CODE AND ARTICLE 91. INSTALLATION OF THE SYSTEM SHALL NOT BEGIN UNTIL DETAILED PLANS AND SPECIFICATIONS, INCLUDING SFM LISTING NUMBERS FOR EACH COMPONENT HAVE BEEN APPROVED BY DSA. UPON COMPLETION OF THE INSTALLATION, A TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE INSPECTOR OF RECORD.
- 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 MEASURE @ 10' BUT/NOT LESS THAN 110dBA IN TOTAL THROUGHOUT. 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.
- THE ALARMS 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 MARSHAL APPROVED AND LISTED.

CONSULTING ENGINEERS

JOHN CHONG ENGINEERING

2017 E. DECATUR AVE, FRESNO CA 93710
(559) 215-2286 • FAX 237-9421
jcheng1999@aol.com

REGISTERED PROFESSIONAL ENGINEER
JOHN S. CHONG
E 14419
Exp. 6/30/2014
ELECTRICAL

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www.integrateddesigns.com

Rev. Date: _____
Revision Description: _____

FIRE ALARM PLAN

1 RELOCATABLE CLASSROOM
PIONEER ELEMENTARY
BAKERSFIELD CITY SCHOOL DISTRICT
4404 PIONEER DR., BAKERSFIELD, CA 93306

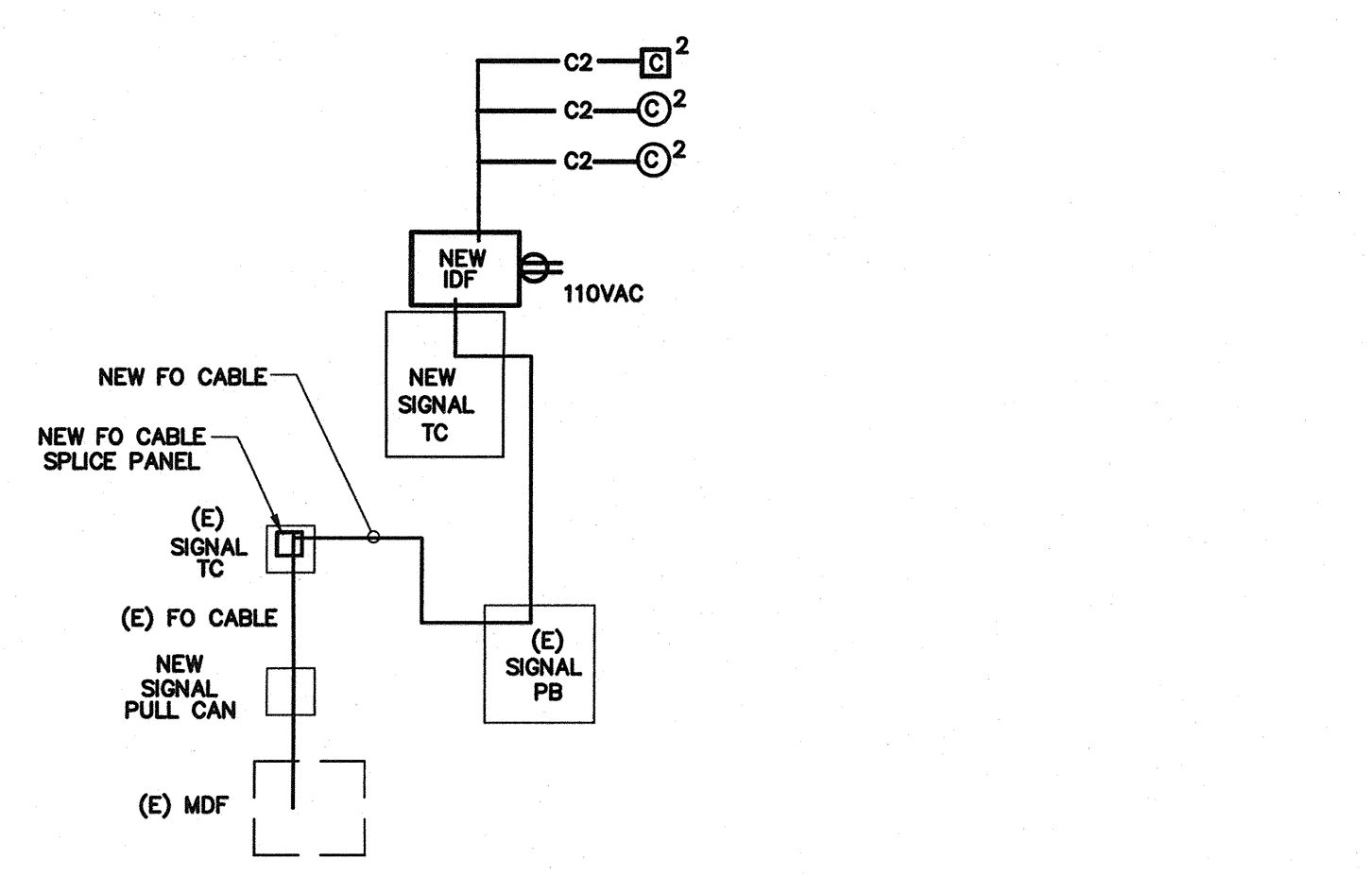
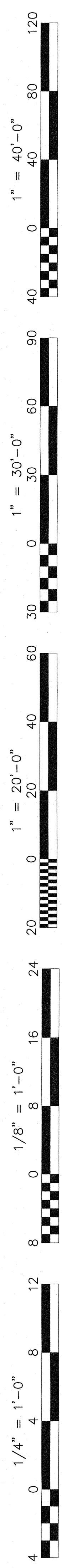
Project Name & Address: _____
Issue Date: 00/00/14
Date: 03/14/14
Designer: J CHONG
DR: J CHONG
PC: JMF

Agency Approval Stamp: _____

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP03 115740
AC: FLS/SSS/ve
DATE: MAY 14 2014

Job No.: **5117**
Sheet No.: **E-3**
Release: _____

3/19/2014 7:43:23 AM



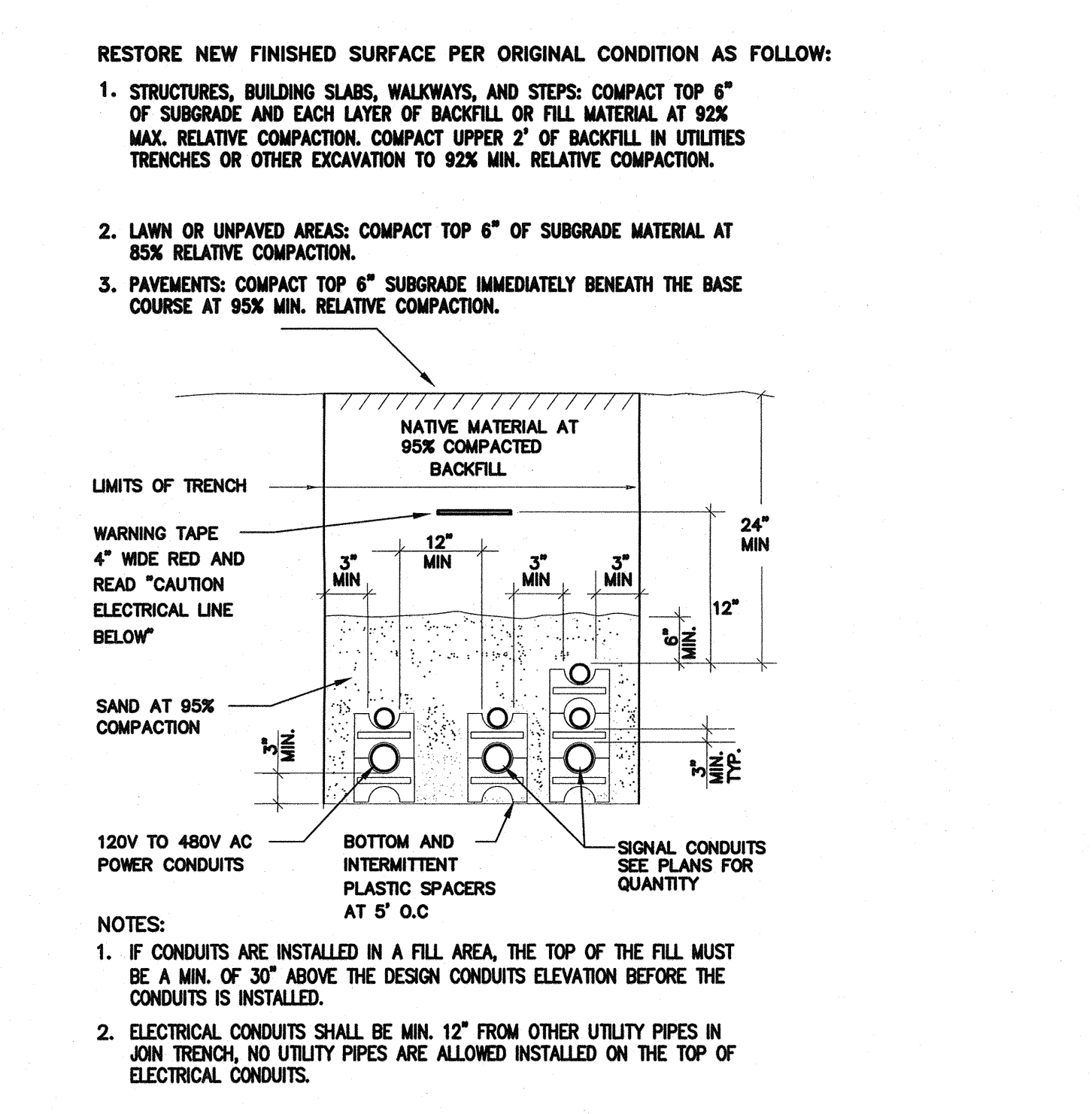
FIBER OPTIC CABLE
 THREE MULTIMODE PAIRS (SIX STRANDS) AND THREE SINGLE-MODE PAIRS (SIX STRANDS)
 OPTICAL CABLE COMPANY # DX 12/0650-6W35B/1UC-6SYM-C-YMD/900-DFNR OF EQUAL
 CAT5E CABLE
 5ENP4P24-BL-BER-PV OR EQUAL
CABLE TESTING
 ALL FIBER OPTIC CABLE MUST BE TESTED TO SUPPORT 1000BASE-FX FULL DUPLEX STANDARDS,
 ALL CAT5E CABLE MUST BE TESTED TO SUPPORT 100BASE-TX.
 TEST RESULTS ARE TO BE PROVIDED TO SCHOOL TECHNOLOGICAL SERVICES FOR REVIEW AND APPROVAL.

IDU SWITCH EQUIPMENT
 F/O CISCO WS-C2950G-24 W/ WS-C5484 GBIC
 TP CISCO WS-C2950-24
 CABINETS SOUTH WESTERN DATA PRODUCT SWE 4000-18UDBLK OR EQUAL
 JACKS ALLEN TEL AT35-16 OR EQUAL
 FACEPLATE ALLEN TEL AT30-2-09 OR EQUAL
 PATCH PANEL ALLEN TEL ATPNL-24 OR EQUAL

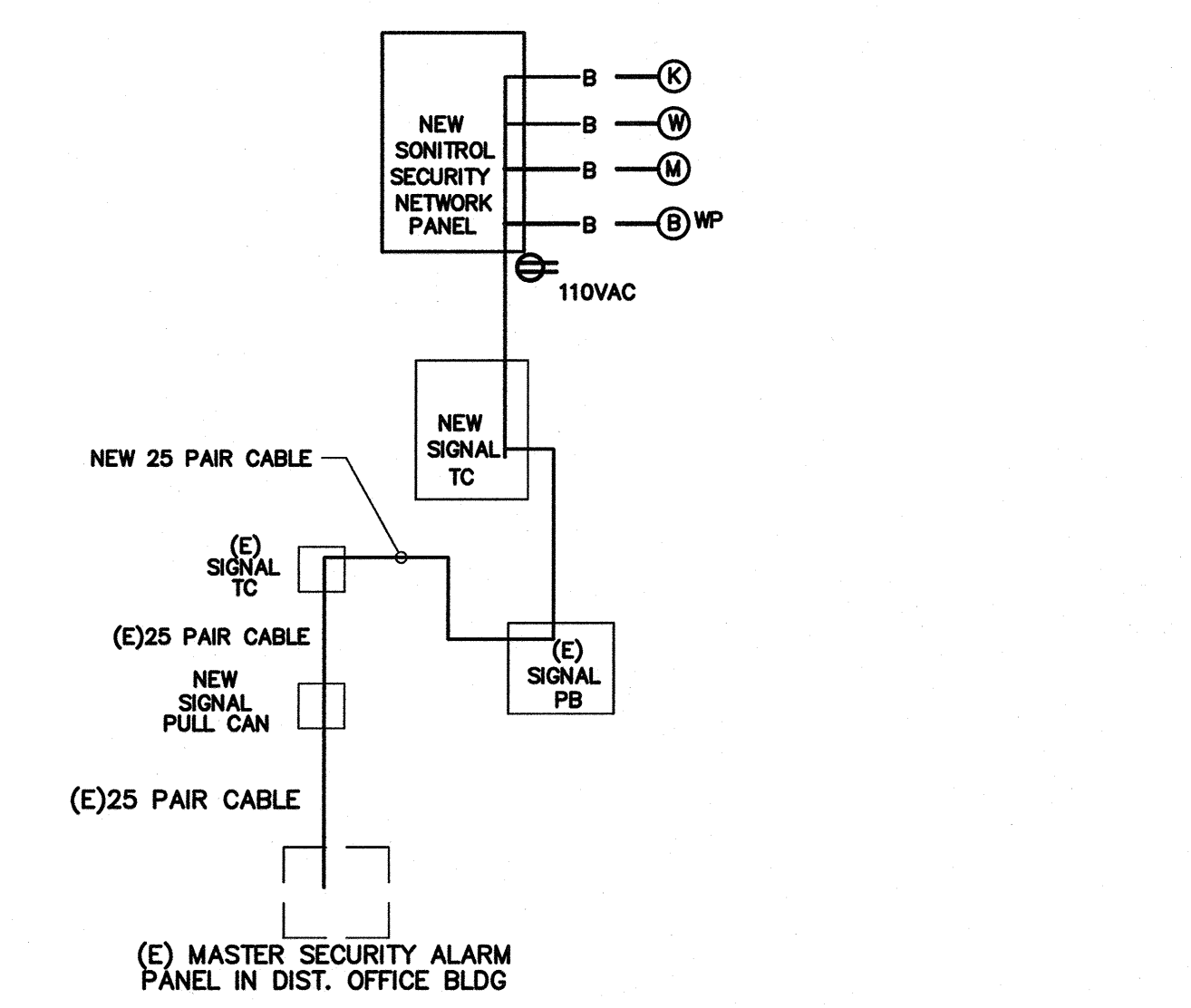
LABELING IDENTIFICATION
 ALL INSTALLED EQUIPMENT, CABLES, TERMINATIONS, ETC. WILL BE PERMANENTLY AND UNIQUELY MARKED. CABLES
 WILL BE MARKED USING A CONVENTION THAT WILL IDENTIFY ITS ORIGIN AND DESTINATION. LAN TERMINATIONS WILL
 SIMILARLY BE MARKED TO UNIQUELY IDENTIFY THEM WHILE PROVIDING THE SOURCE AND DESTINATION OF CABLE.
 IDENTIFICATIONS MUST BE SUCH THAT THEY WILL NOT RUB OFF, FALL OFF, OR EASILY BREAK AWAY.

DATA COMMUNICATION SYSTEM NOTES
 1. CONTRACTOR TO PROVIDE ALL EQUIPMENT, PATCH CABLE AND ACCESSORY FOR A FULLY FUNCTIONAL SYSTEM.
 2. NEW DATA JACK WIRING CONFIGURATION MUST BE MATCHED EXISTING SYSTEM. FIELD VERIFY PRIOR TO
 INSTALLATION.
 3. ADMINISTRATIVE NODE TO BE RED IN COLOR WITH THE INSTRUCTIONAL NODE TO BE BLUE IN COLOR. NODE
 LOCATION MUST BE 12" WITHIN POWER RECEPTACLE AND FIELD VERIFY EXACT LOCATION WITH OWNER PROJECT
 COORDINATOR OR TECHNOLOGICAL SERVICES PERSONNEL PRIOR TO INSTALLATION.
 4. ALL EQUIPMENT DOCUMENTATION AND WARRANTY INFORMATION WILL BE PROVIDED TO OWNER TECHNOLOGICAL
 SERVICES. WARRANTY CARDS WILL BE PROVIDED TO USID TECHNOLOGICAL SERVICES FOR FILING WITH
 MANUFACTURERS UPON COMPLETION OF INSTALLATION.

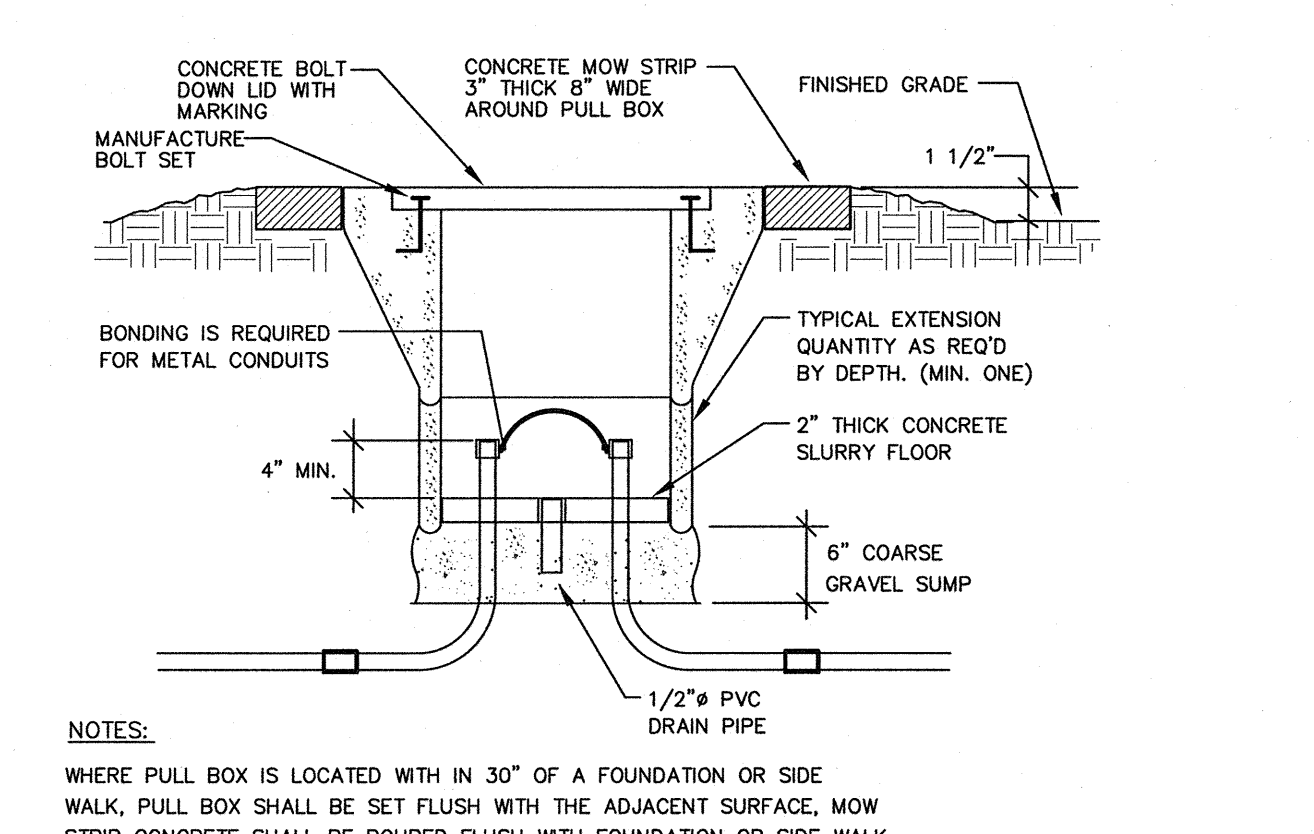
7 DATA COMMUNICATION SYSTEM RISER DIAGRAM N.T.S



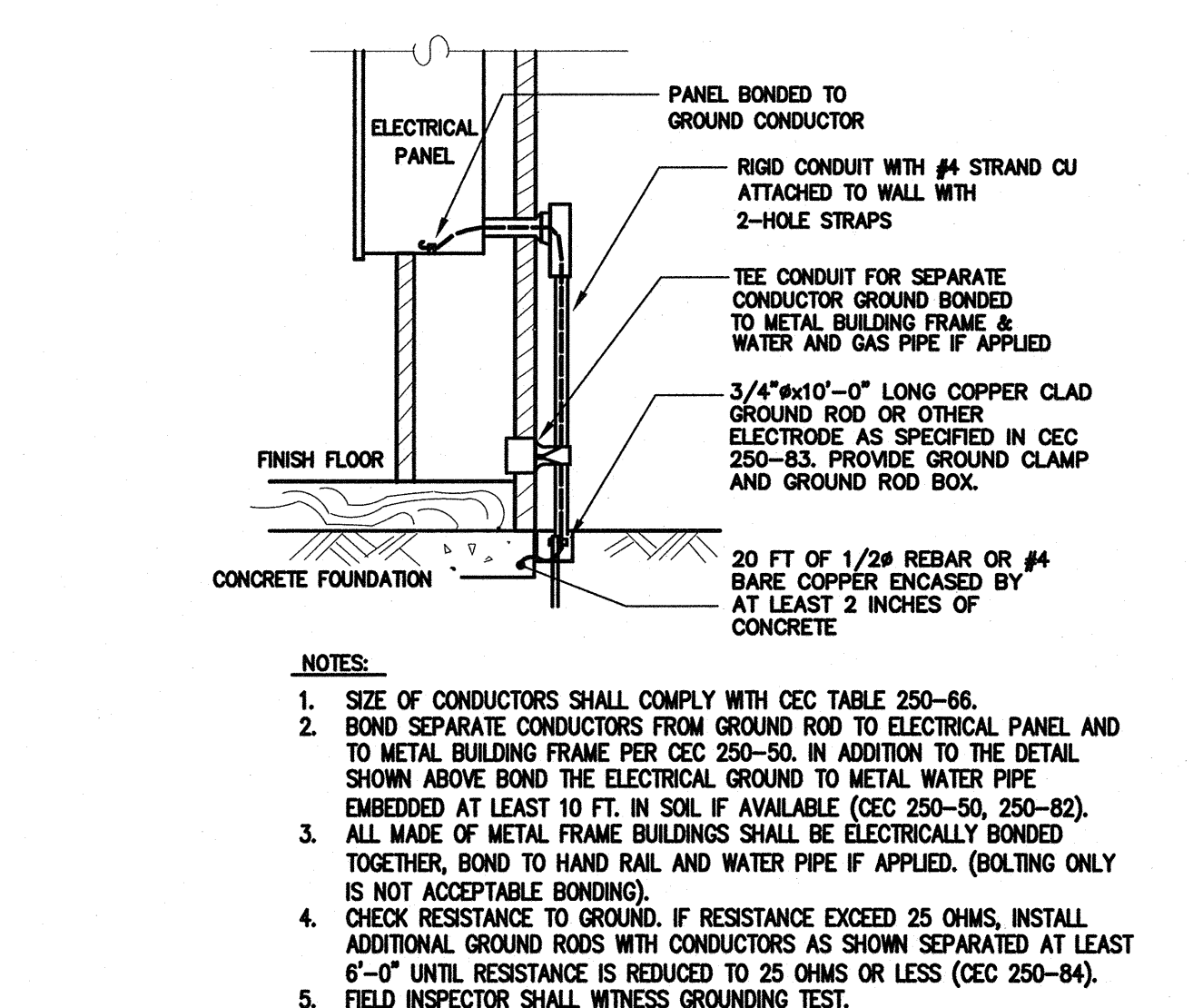
6 CONDUIT TRENCH DETAIL N.T.S



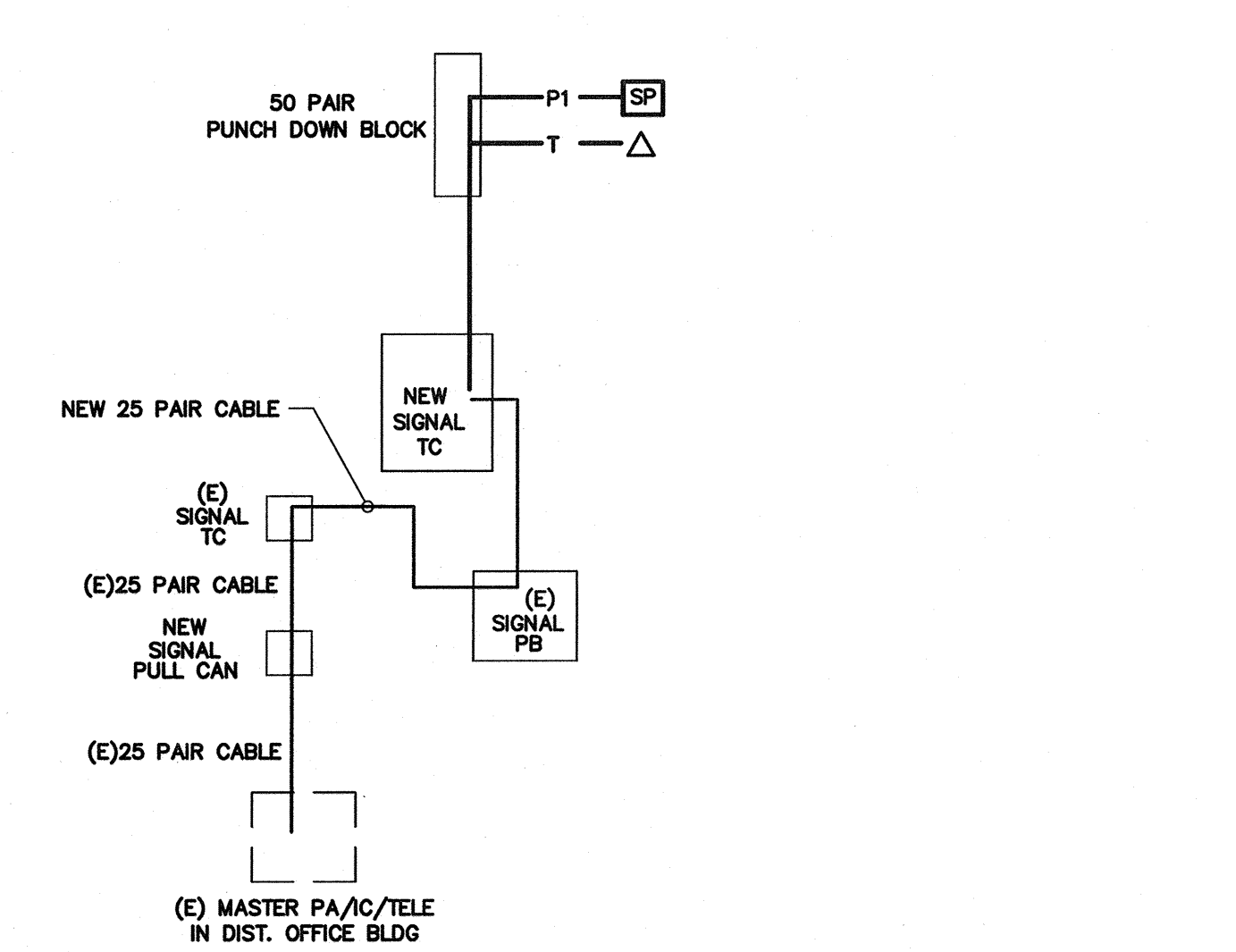
5 SECURITY ALARM SYSTEM RISER DIAGRAM N.T.S



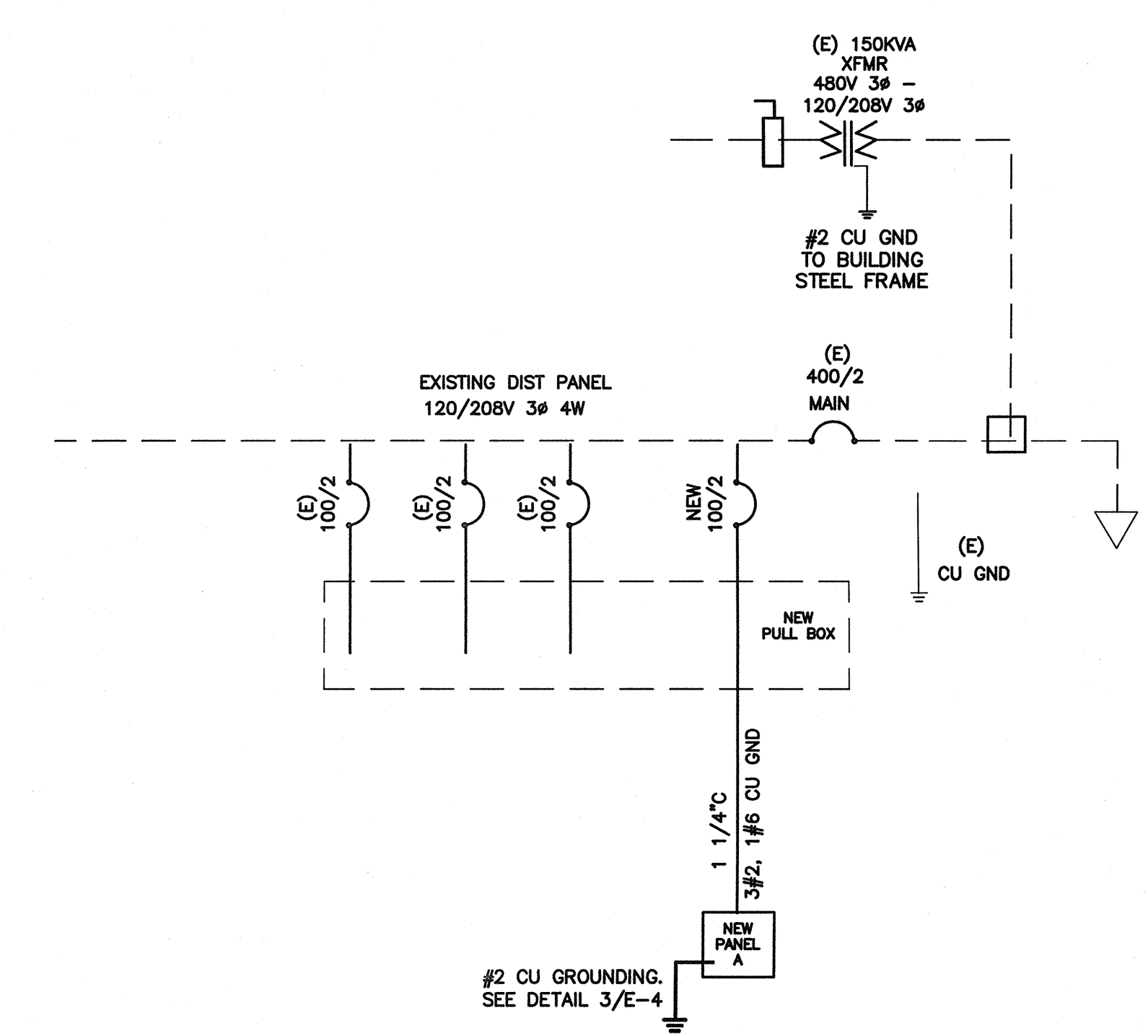
4 PULL BOX AT OPEN YARD DETAIL N.T.S



3 GROUNDING DETAIL N.T.S



2 PA/IC/TELE SYSTEM RISER DIAGRAM N.T.S



1 SINGLE LINE DIAGRAM N.T.S

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DETAILS AND SYSTEM DIAGRAMS

1 RELOCATABLE CLASSROOM
 PIONEER ELEMENTARY
 BAKERSFIELD CITY SCHOOL DISTRICT
 4404 PIONEER DR., BAKERSFIELD, CA 93306

Issue Date: 00/00/14
 Date: 03/14/14
 Designer: J CHONG
 DR: J CHONG
 PC: JMF

AGENCY APPROVAL STAMP
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 AC FLS 02 SS
 DATE MAY 14 2014

Job No: 5117
 Sheet No: E-4

CONSULTING ENGINEERS
JOHN CHONG ENGINEERING
 JOHN S. CHONG
 E 14419
 Exp. 6/30/2014
 ELECTRICAL
 STATE OF CALIFORNIA

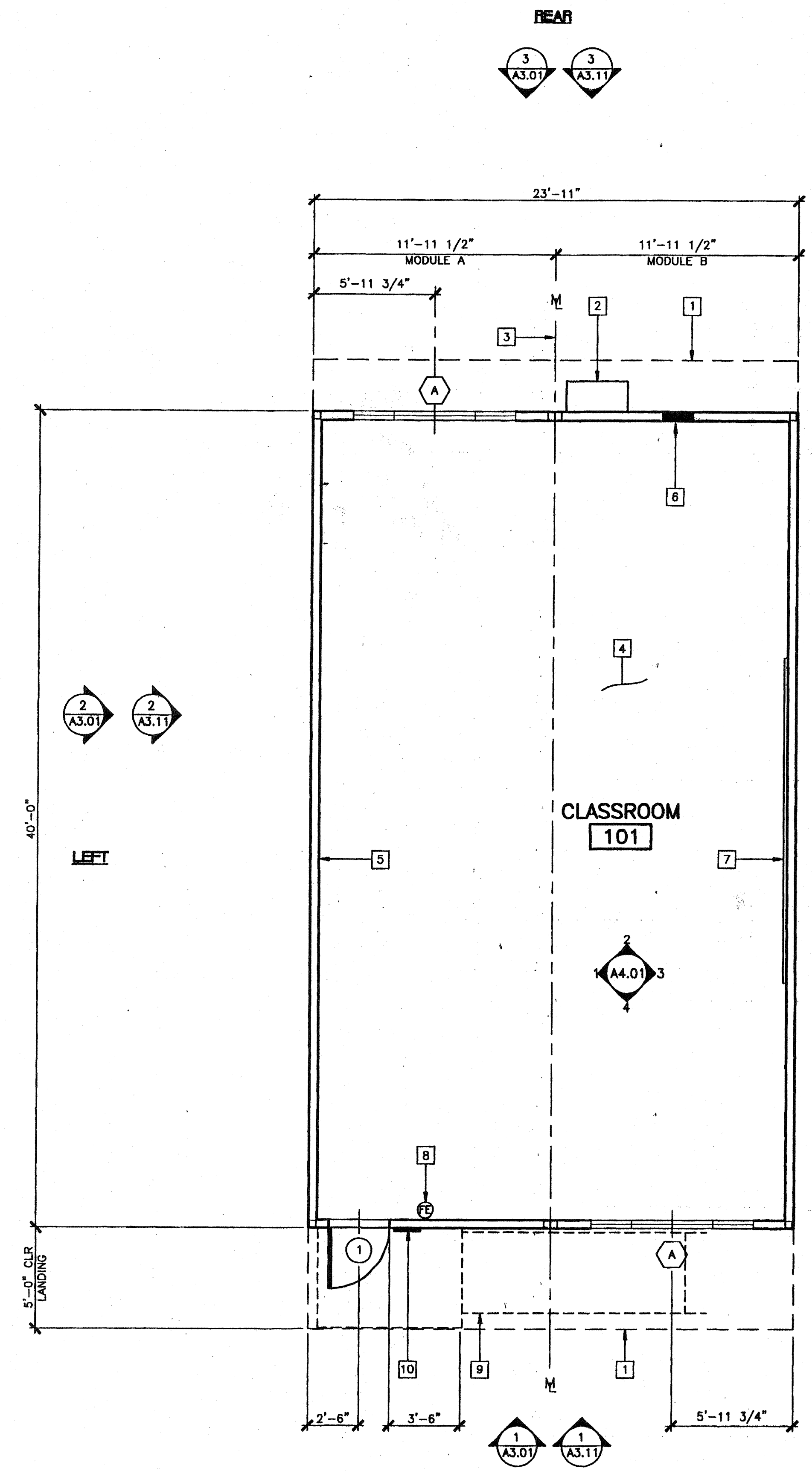
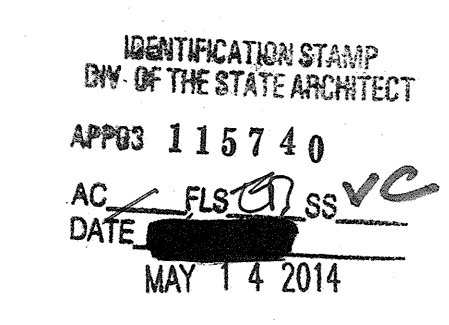
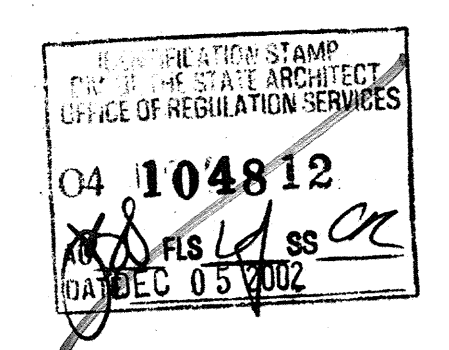
2017 E. DECATUR AVE, FRESNO CA 93710
 (559) 215-2266 • FAX 257-2461
 jcengineer@aol.com

KEY NOTES

- 1 ROOF OVERHANG
- 2 HVAC UNIT (HV)
- 3 MODLINE (M)
- 4 FINISH FLOORING (FIN)
- 5 INTERIOR FINISH (FIN)
- 6 ELECTRICAL PANEL (EL)
- 7 2- 8'X4' MARKER BOARDS (SEE SPECIFICATIONS FOR TYPE)
- 8 FIRE EXTINGUISHER - 5 POUNDS DRY CHEMICAL WITH 2A - 10BC UL RATING ON WALL MTD BRACKET, HANDLE AT 48" AFF
- 9 RAMP/LANDING (RAMP)
- 10 SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01

NOTES

- 1. PLACE (2) PERMANENT METAL IDENTIFICATION LABELS ON EACH MODULE. (1) LABEL AT REAR EXTERIOR AND (1) LABEL ABOVE CEILING LINE AT INTERIOR FRAME. LABELS WILL BE MECHANICALLY FASTENED AND SHOW THE DSA APPLICATION NUMBER, MANUFACTURERS NAME AND SERIAL NUMBER, DESIGN LIVE LOAD FOR ROOF AND FLOOR FRAMING, WIND SPEED AND EXPOSURE CATEGORY.
- 2. INSULATION MATERIALS INSTALLED WITHIN FLOOR/CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, WALLS, CRAWL SPACES OR ATTICS SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450. EXCEPTIONS:
 (1) FOAM PLASTIC INSULATION SHALL COMPLY WITH SECTION 2602
 (2) WHEN MATERIALS ARE INSTALLED IN CONCEALED SPACES OF TYPES III, IV, AND V CONSTRUCTION, THE FLAME SPREAD AND SMOKE-DEVELOPED LIMITATIONS DO NOT APPLY TO FACINGS IF THE FACING IS INSTALLED IN SUBSTANTIAL CONTACT WITH THE UNEXPOSED SURFACE OF THE CEILING, FLOOR OR WALL FINISH (CBC SECTION 707.3)
 (3) CELLULOSE LOOSE FILL INSULATION SHALL COMPLY WITH CPSC 16 CFR PARTS 1209 AND 1404
- 3. INTERIOR SIDE WALLS MAY BE LOCATED ON EITHER SIDE OF MODLINE
- 4. DISTRICT TO PROVIDE OCCUPANT LOAD SIGN PRIOR TO OCCUPANCY.



PC
CBC 1998

FLOOR PLAN

SCALE: 1/4" = 1'-0"
(24'x40')

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal	IDENTIFICATION STAMP	MODTECH INC.	PROJECT NUMBER	DRAWN BY
1							4373, 4378, 4438, 4474	KK
2							4505, 4525	DATE: 11/19/02
3								CHECKED BY: STKP-67
4								DATE: 4012-124
5								MODTECH Index No.
6								A1.01

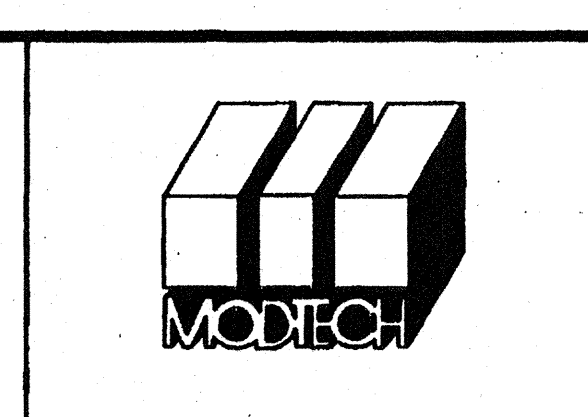
Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

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MODTECH INC.
 2830 BARRETT AVENUE
 PERRIS, CALIF. 92572
 PH (909) 943-4014
 FAX (909) 940-0427

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A1.01

FLOOR PLAN

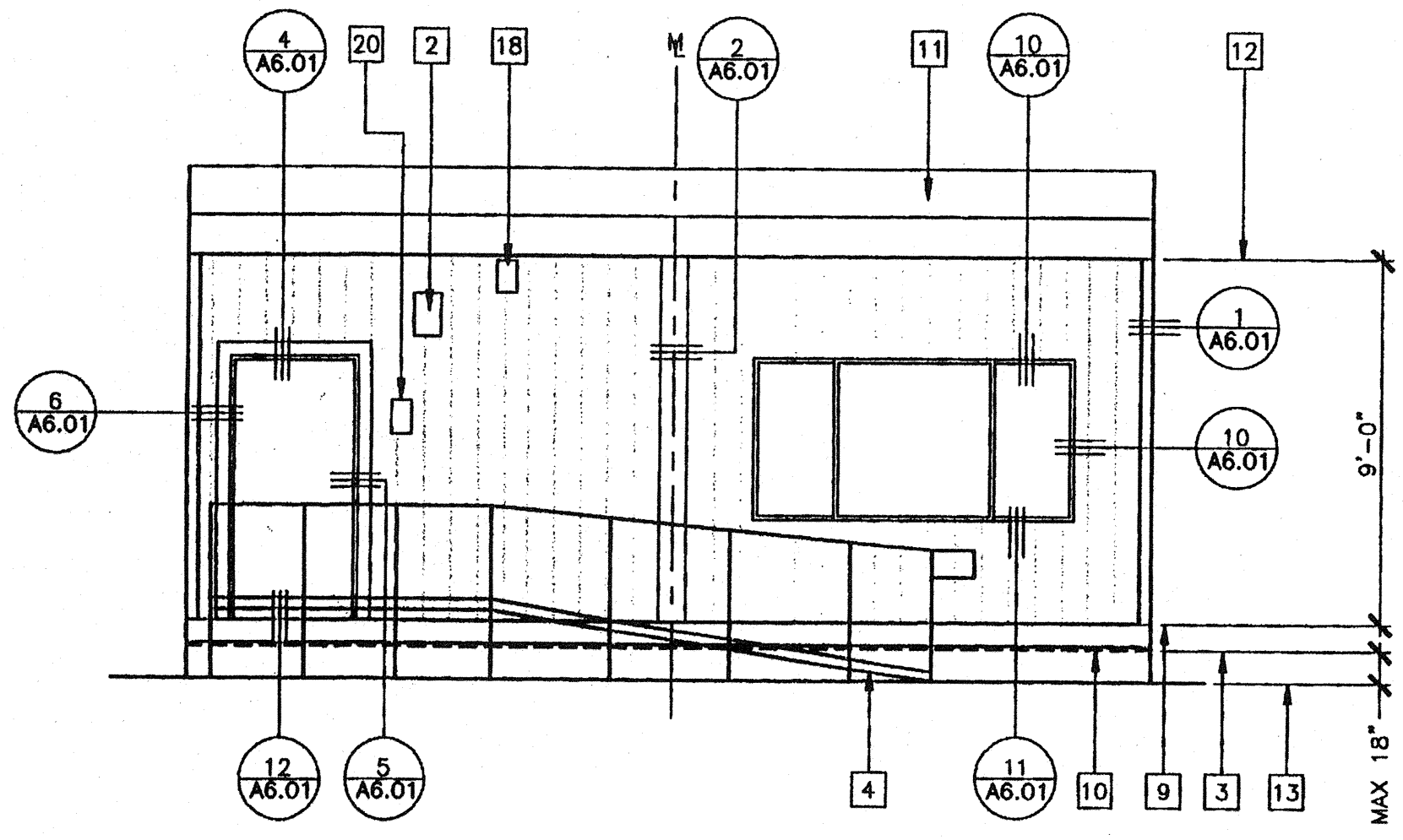
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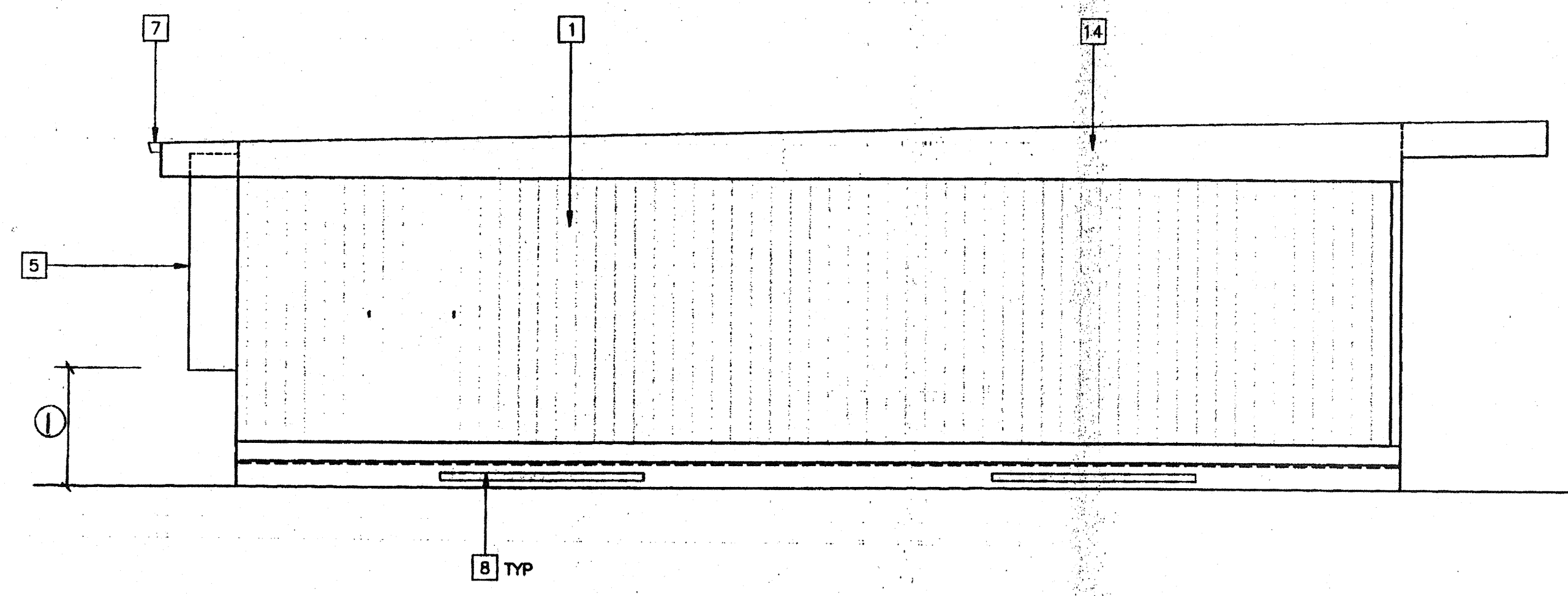
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 PC-04-101268

KEY NOTES

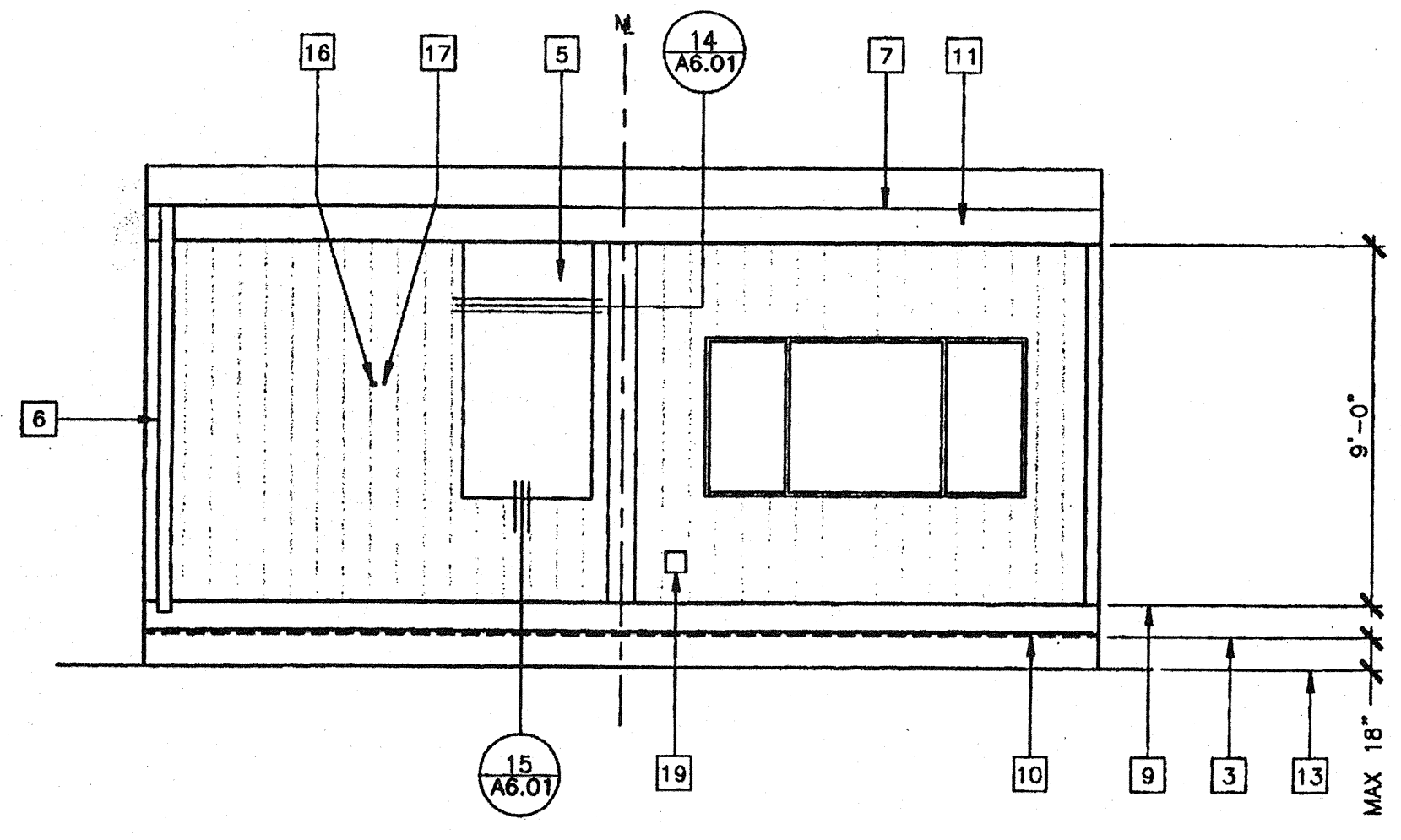
- 1 TYPICAL EXTERIOR FINISH SEE EXTERIOR FINISH SCHEDULE BELOW.
- 2 EXTERIOR LIGHT FIXTURE (EL)
- 3 TOP OF SKIRTING
- 4 RAMP AND LANDING. -- R1.01
- 5 HVAC UNIT (HV)
- 6 DOWNSPOUT FASTEN TO BUILDING TYPICAL (3) PLACES -- 16/A2.03
- 7 CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN)
- 8 FOUNDATION VENT (SEE FOUNDATION PLAN)
- 9 FINISH FLOOR LINE
- 10 FLOOR BEAM (STR)
- 11 ROOF HEADER (STR)
- 12 TOP OF COLUMN
- 13 FINISH GRADE
- 14 ROOF BEAM (STR)
- 15 COLUMN (STR)
- 16 ELECTRICAL STUB-OUT (EL)
- 17 GROUND STUB-OUT (EL)
- 18 J-BOX FOR EXTERIOR FIRE ALARM HORN (EL)
- 19 GUTTER BOX (EL)
- 20 SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01



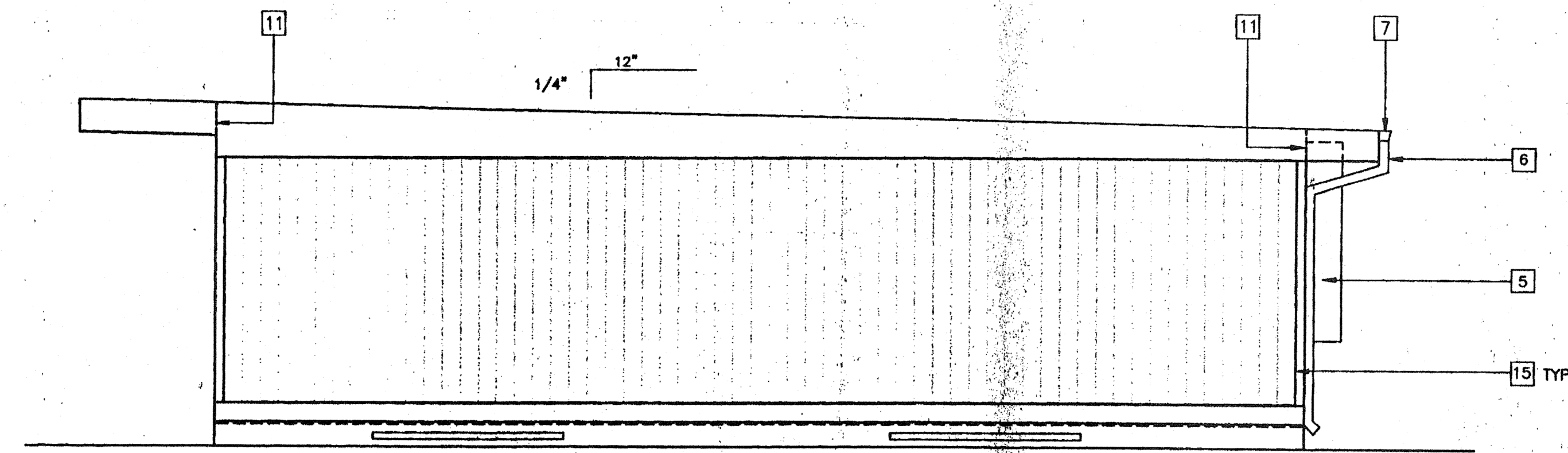
1 FRONT ELEVATION



2 LEFT SIDE ELEVATION



3 REAR ELEVATION



4 RIGHT SIDE ELEVATION

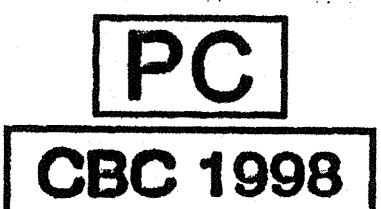
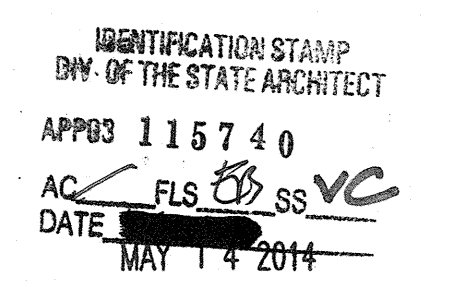
NOTES

- 1 IF HVAC UNIT IS LOCATED IN ANY PATH OF TRAVEL OR CIRCULATION AREA AND HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27\"/>

EXTERIOR FINISH SCHEDULE

NOTE: SEE SPECIFICATIONS FOR DETAILED DESCRIPTION OF FINISH OPTIONS.

STANDARD -- 5/8\"/>



EXTERIOR ELEVATIONS

26 GA MONO PITCH (24'x40)
SCALE: 1/4" = 1'-0"

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal
1				
2				
3				
4				
5				

Professional seals for Electrical, Mechanical, and Structural Engineers, and the Architect's Seal for George C. Edwards, License No. 02938, State of California.

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101268
AC FLS SS
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MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373-M, 4378-M, 4434, 4438 © MODTECH 2002
4474

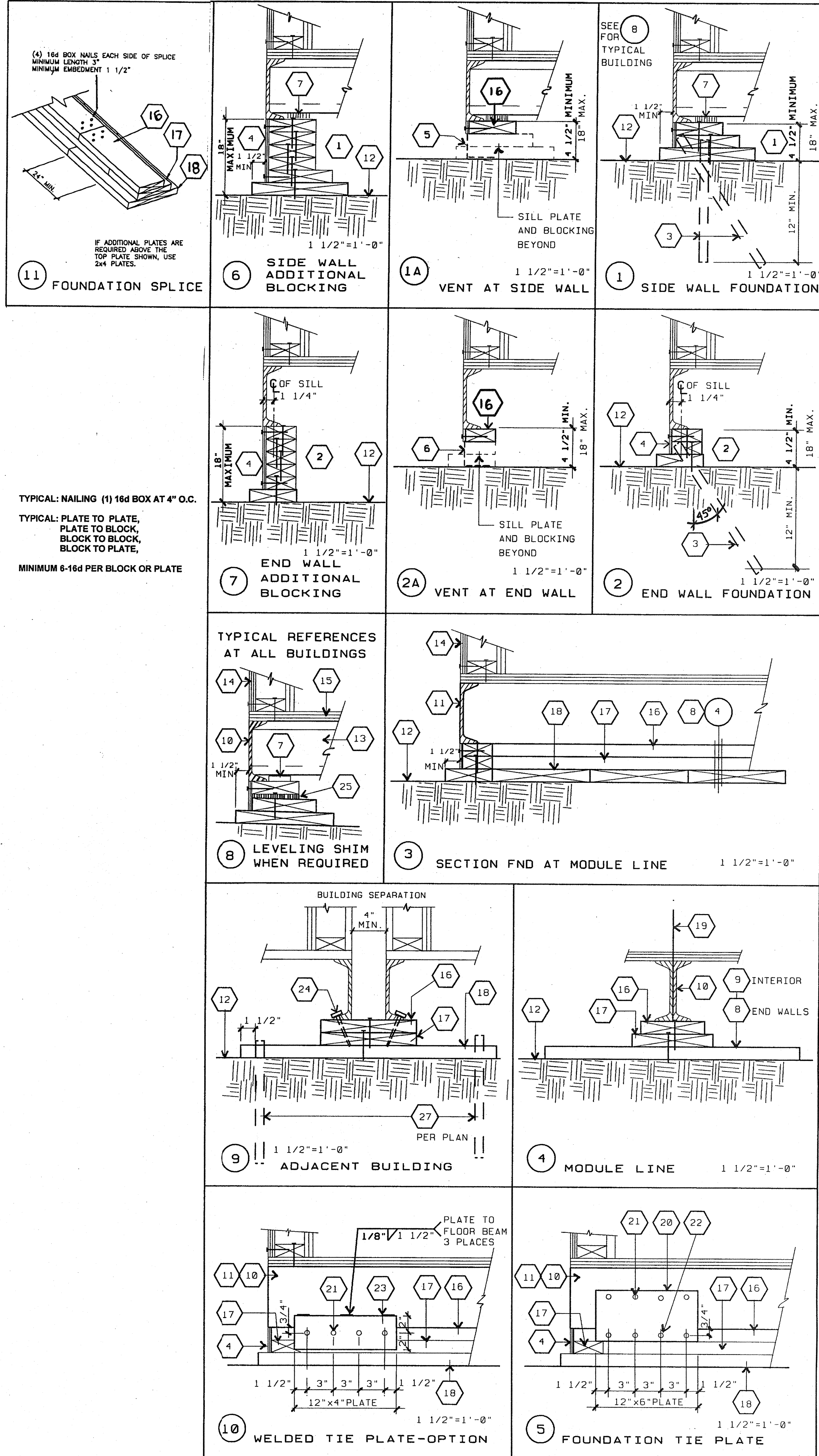
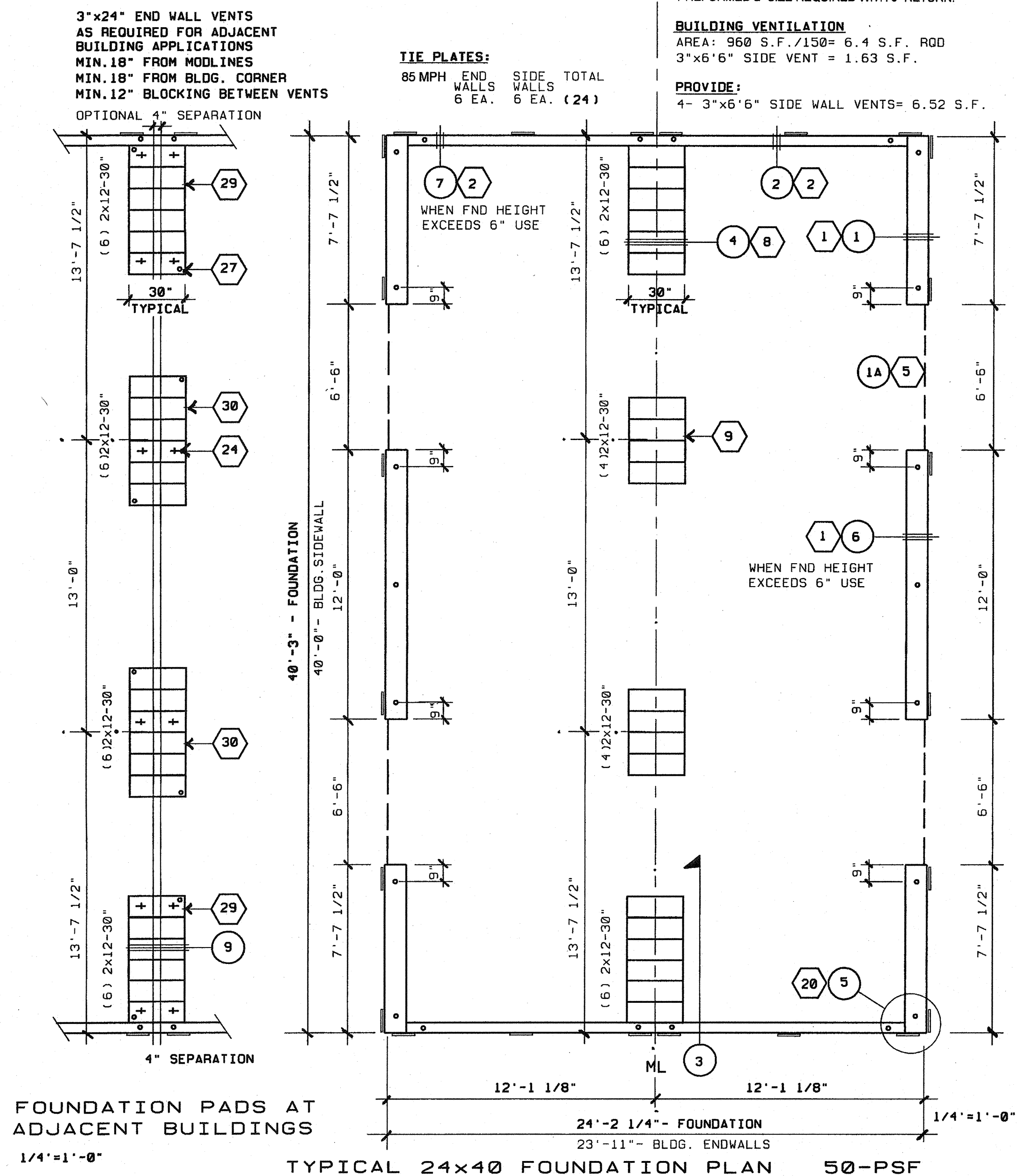
EXTERIOR ELEVATIONS 26 GA MONO PITCH 24'x40'

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124
MODTECH Index No.

A3.11

FILE PATH: 2440-AS.11.DWG PROJECT NO: 4373 PC-04-101268

DATE PLOTTED: 08-15-2011 10:50:10 AM
 DRAWN BY: LAM-CLLS
 CHECKED BY: FLS-SS
 DATE: MAY 14 2012
 SHEET: F2.0
 JOB: 24x40 50 PSF
 SCALE: AS SHOWN
 DATE: 08-15-2011



KEY NOTES 24x40- 50 PSF FLOOR LOAD

FOUNDATION AT SIDE WALL

1 TOP PLATE: 2x6 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
 BLOCKING: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
 SILL PLATE: 2x12 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.

FOUNDATION AT END WALL

2 TOP PLATE: 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
 BLOCKING: 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
 SILL PLATE: 2x6 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.

3 SILL RESTRAINT- PIPE TO GRADE (TYP) SEE GENERAL NOTE #A

4 SKIRTING: 3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C. AT END WALLS AND 6" O.C. AT SIDE WALLS, FIELD NAILING 12" OC

5 SIDEWALL VENT: 3" HIGH BY 6'-6" LONG. INSTALL UNDER SKIRTING. SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 6" O.C.

6 ENDWALL VENT: 3" HIGH BY 2'-0" LONG. INSTALL UNDER SKIRTING. SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C.

7 SHIM: 5/8" X 2 1/2" WHEN REQUIRED

FOUNDATION AT MOD LINE / END WALL

8 TOP PLATE: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
 BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
 SILL PLATE: (6) 2x12x30' (PT)

FOUNDATION AT MOD LINE / INTERIOR WALL

9 TOP PLATE: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
 BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
 SILL PLATE: (4) 2x12x30' (PT)

10 FLOOR BEAM: C7x 9.8 TYPICAL

11 FLOOR HEADER: C7x 9.8 TYPICAL

12 FINISH GRADE

13 FLOOR JOIST

14 EXTERIOR FINISH

15 PLYWOOD SUB-FLOOR

16 TOP PLATE: CONTINUOUS

17 BLOCKING

18 SILL PLATE

19 MODLINE

20 TIE PLATE: 12" x 6" x 10 GA

21 PLATE ANCHOR: 4-1/4" ϕ S.M.S. (1 1/2" MIN. EMBEDMENT)

22 PLATE ANCHOR: 4-1/4" x 2" LONG LAG SCREWS (1 1/2" MIN. EMBEDMENT)

23 TIE PLATE: 12" x 4" x 10 GA

24 BUILDING ANCHORAGE: 6-5/8" x 4" LAG SCREWS AT EACH BUILDING (FOR LOCATION SEE PLAN AT ADJACENT BUILDINGS)

25 LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS PLATE. NAIL SHIM TO PLATE WITH (6) 16d BOX.

26 2" CUT OUT OF SILL PLATE FOR DRAINAGE. FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION.

27 1" PIPE EACH END OF PAD AT ADJACENT BUILDING LINE.

28 THIS VENT TO BE LOCATED UNDER LANDING. PROVIDE EQUAL AREA SCREENED VENTILATION IN LANDING SKIRT.

FOUNDATION AT BUILDING SEPARATION / END WALL

29 TOP PLATE: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
 BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
 SILL PLATE: (6) 2x12x30' (PT) WITH SILL RESTRAINT PER PLAN AND NOTE 25.

FOUNDATION AT BUILDING SEPARATION / INTERIOR WALL

30 TOP PLATE: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
 BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
 SILL PLATE: (6) 2x12x30' (PT) WITH SILL RESTRAINT PER PLAN AND NOTE 25.

GENERAL NOTES

A. **SILL RESTRAINT:** THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE (ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE) BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES.
 USE A ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPE OR ONE-INCH DIAMETER SOLID STEEL ROD SPACED AT NOT MORE THAN 10'-0". ONE PIPE/ROD SHALL BE LOCATED AT A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES/RODS PER DISCONTINUOUS FOUNDATION STRIP. PIPES TO PENETRATE INTO SOIL AND OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT A 45 DEGREE ANGLE.

B. TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS.

C. A WOOD SILL (FOOTING) PLATE SHALL BE PRESSURE TREATED HEM FIR OR DOUG FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING (BY DISTRICT). THE WOOD SILL (FOOTING) PLATE MAY SUPPORT WOOD CRIPPLE STUDS, POSTS OR CONTINUOUS BLOCKING AND SHEATHING (SKIRTING) WHICH NEED NOT BE TREATED. FOUNDATION LUMBER TO BE PRECUT AT FACTORY, LUMBER AND PRESSURE TREATING TO BE VERIFIED BY THE INSPECTOR

D. FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE

E. THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR DIMENSIONS. THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.

F. MACHINE APPLIED 16d FASTENERS SHALL HAVE AN EMBEDMENT OF NOT LESS THAN 1 1/2" INTO SECOND MEMBER, AND SHALL BE NOT LESS THAN 3 1/2" IN OVERALL LENGTH

G. THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.

PRE-CHECK (PC) DOCUMENT CODE: 2010 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

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 OFFICE OF REGULATION SERVICES
 APP03 115740
 AC: FLS-SS VC
 DATE: MAY 14 2012
 PC 04-112161
 AC: FLS-SS VC
 DATE: FEB 01 2012

24x40 - 50 PSF STOCKPILE CLASSROOM RELOCATION FOUNDATION PLAN & DETAILS

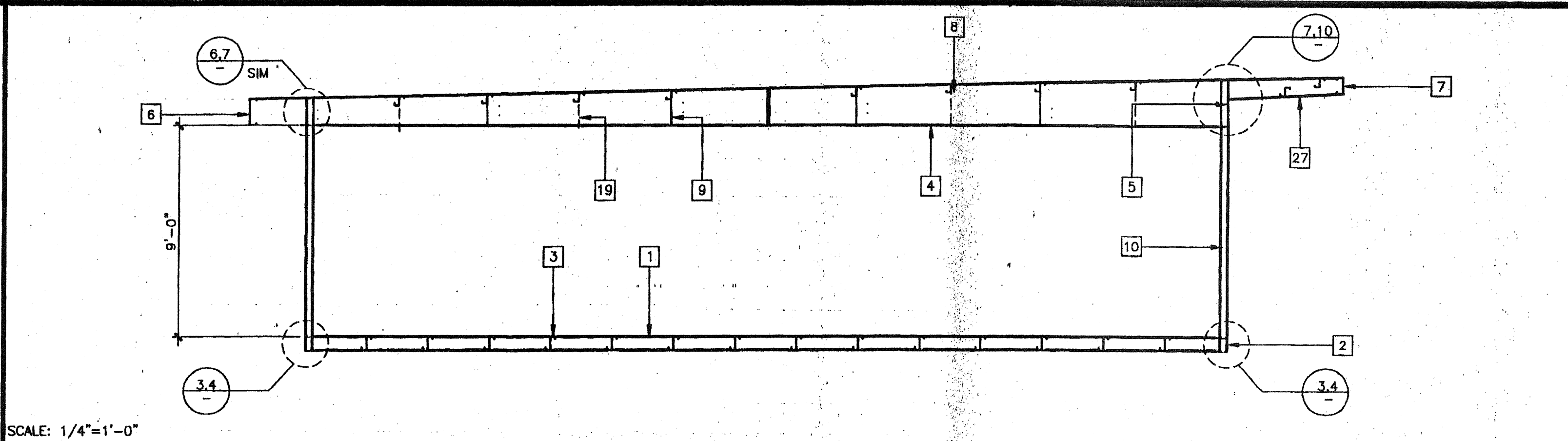
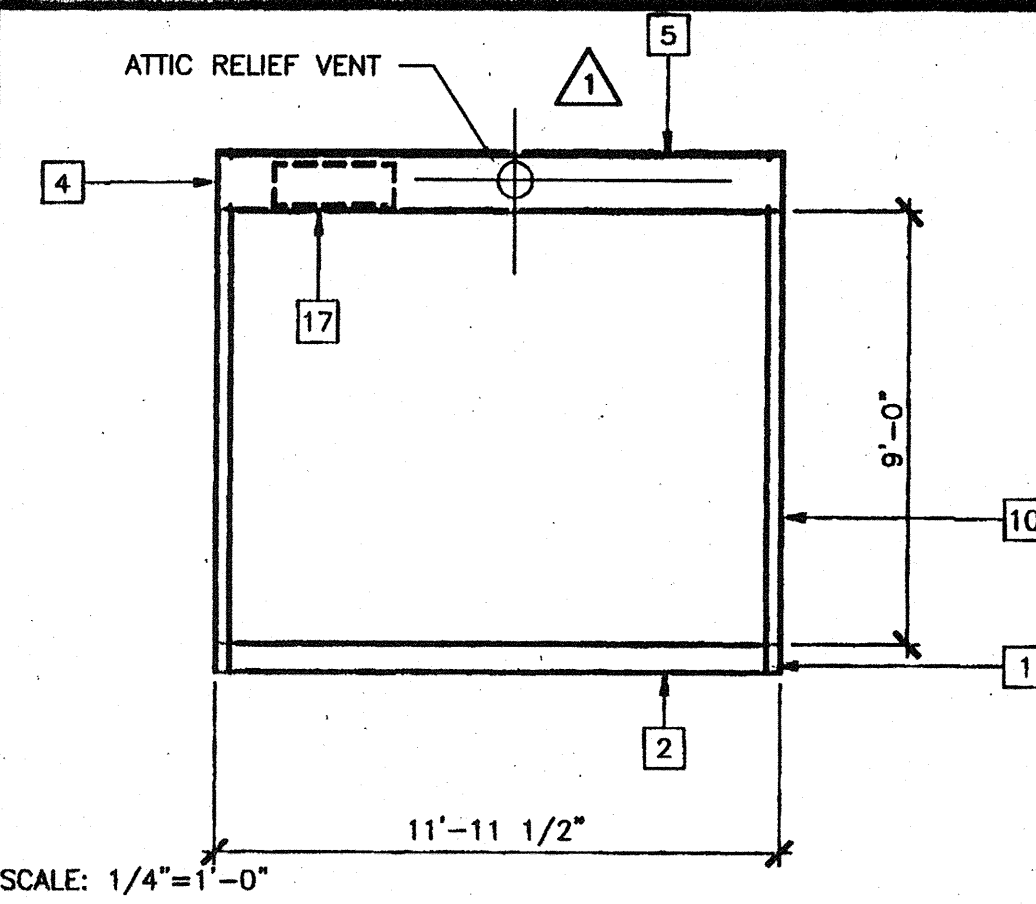
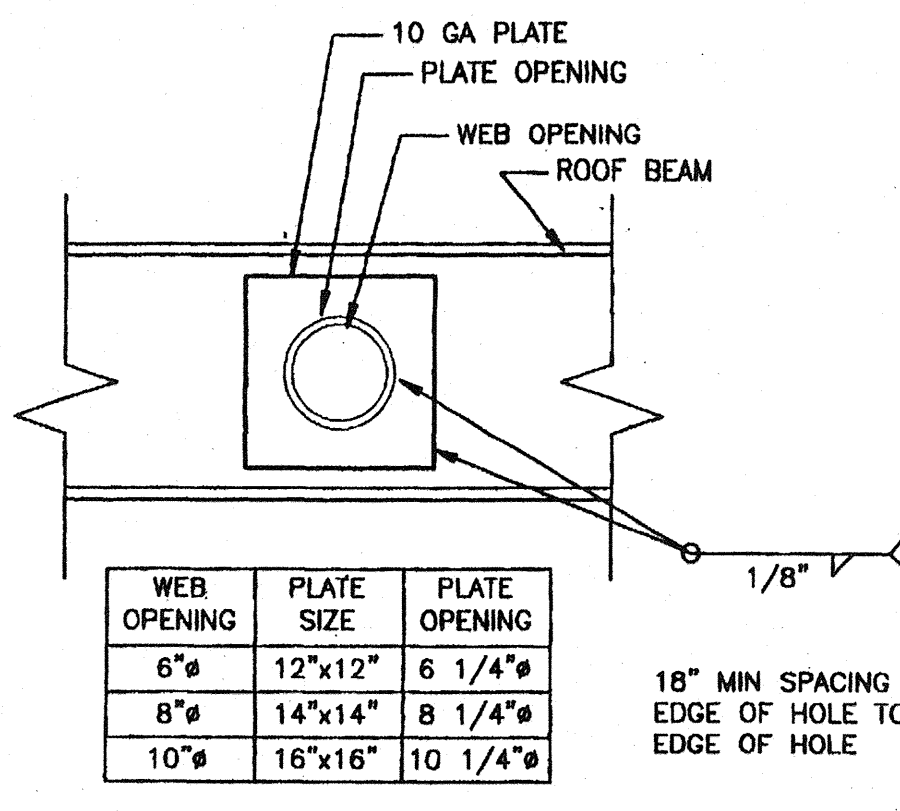
REVISIONS BY

CLASS LEASING, INC.
 P. O. Box 51150 Riverside, CA 92517-2150
 1221 Harley Knox Blvd. Perris, CA 92571-7408
 VOICEMAIL (951) 943-1908 FAX (951) 943-5768

CLASS LEASING, INC.
 STOCKPILE CLASSROOM
 24x40 - 50 PSF RELOCATION
 FOUNDATION PLAN & DETAILS
 PC 04-111441

DATE 08-15-2011
 SCALE
 DRAWN LAM-CLLS
 JOB 24x40 50 PSF
 SHEET F2.0

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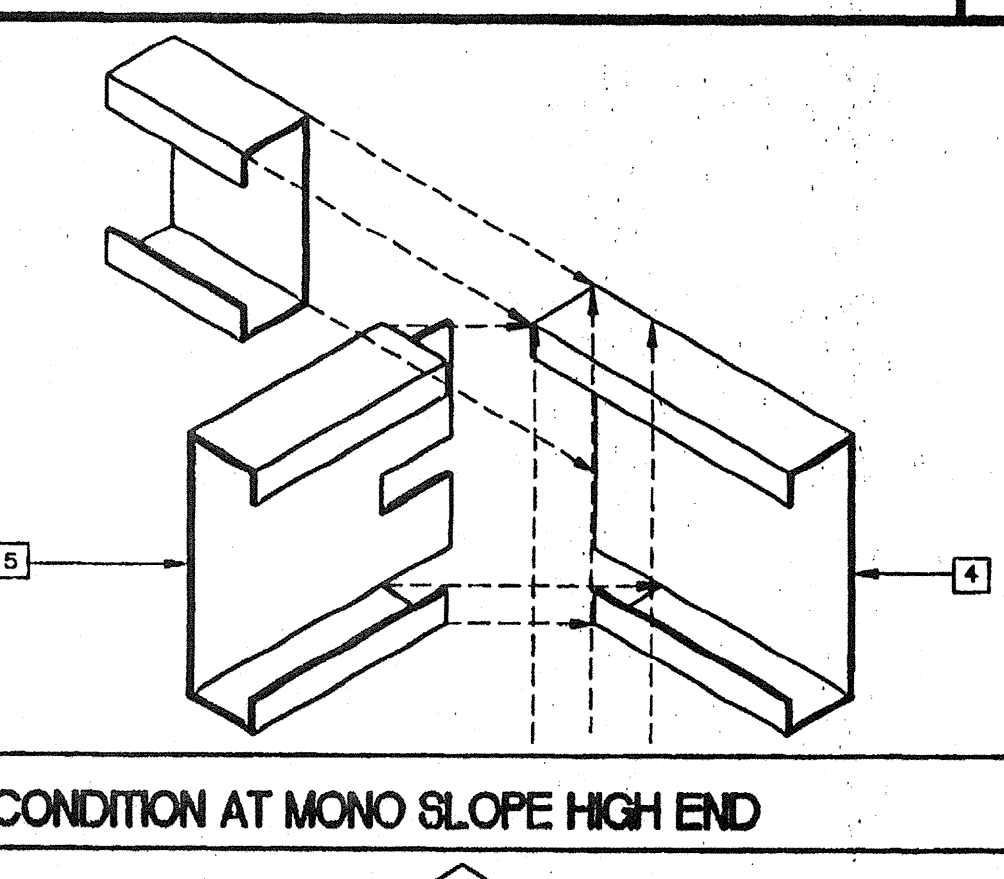
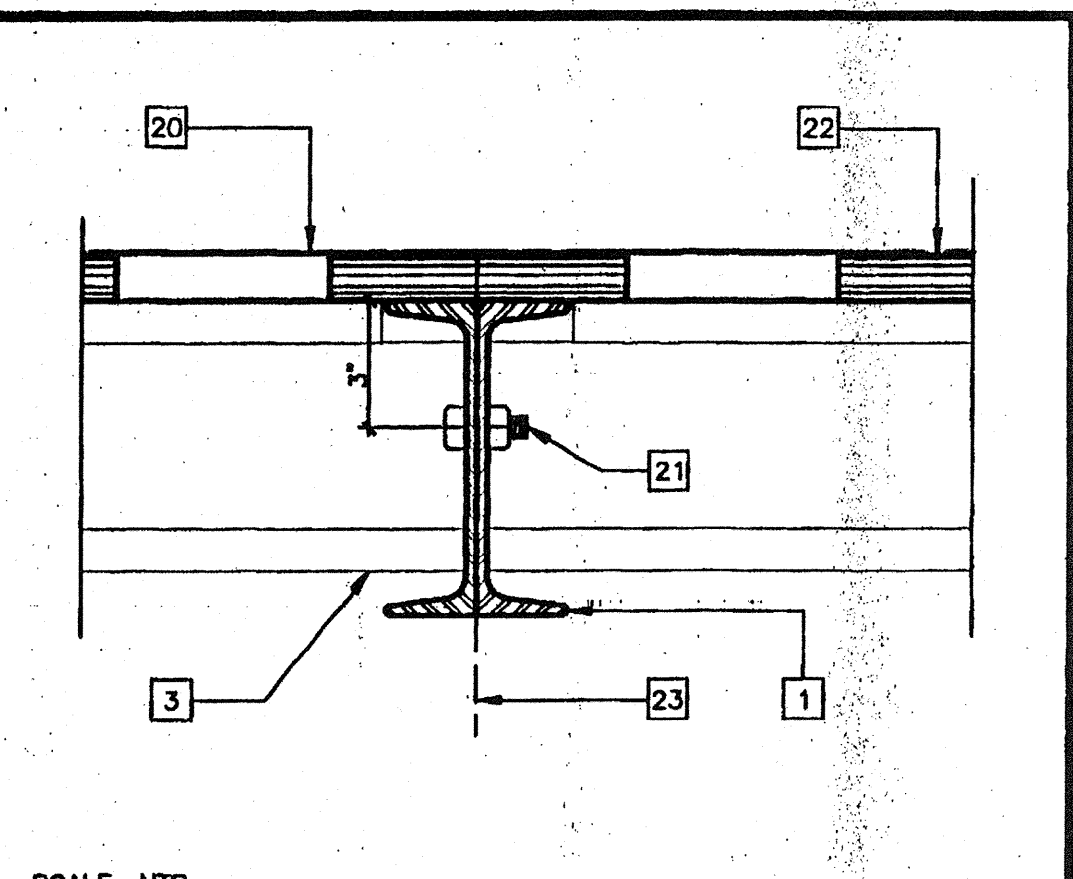
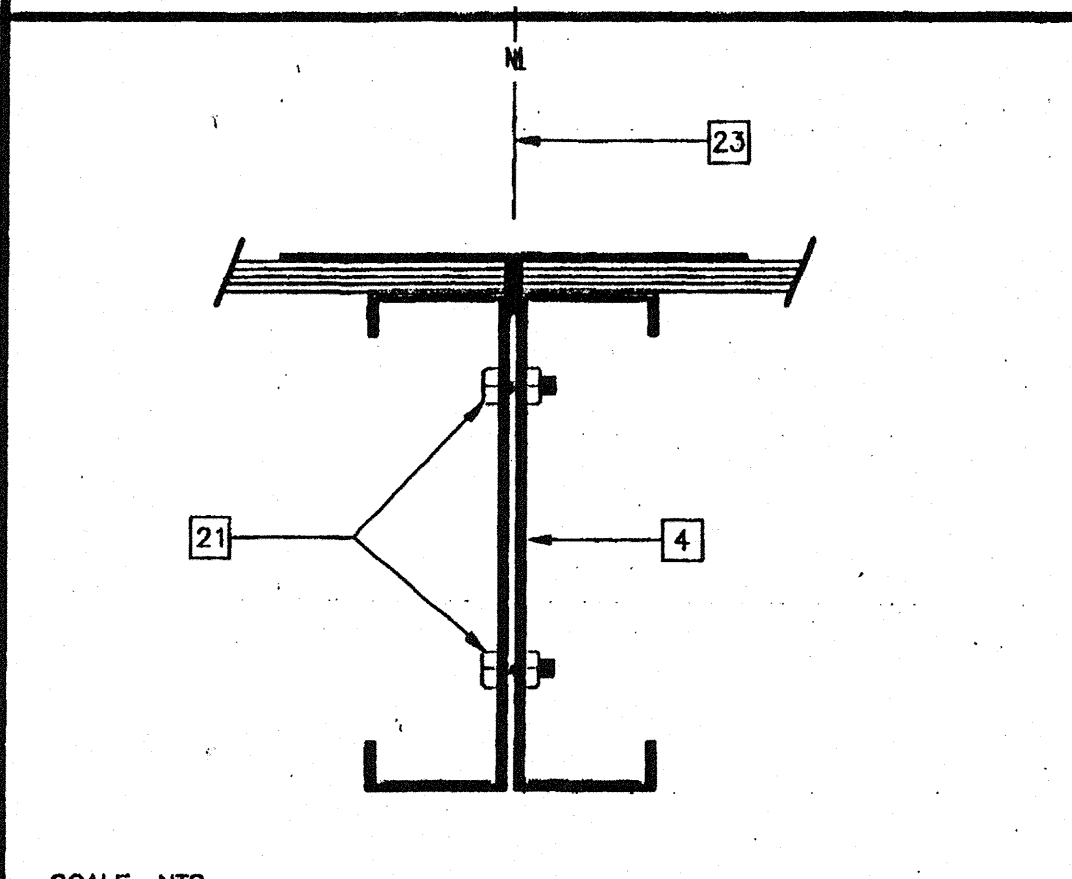
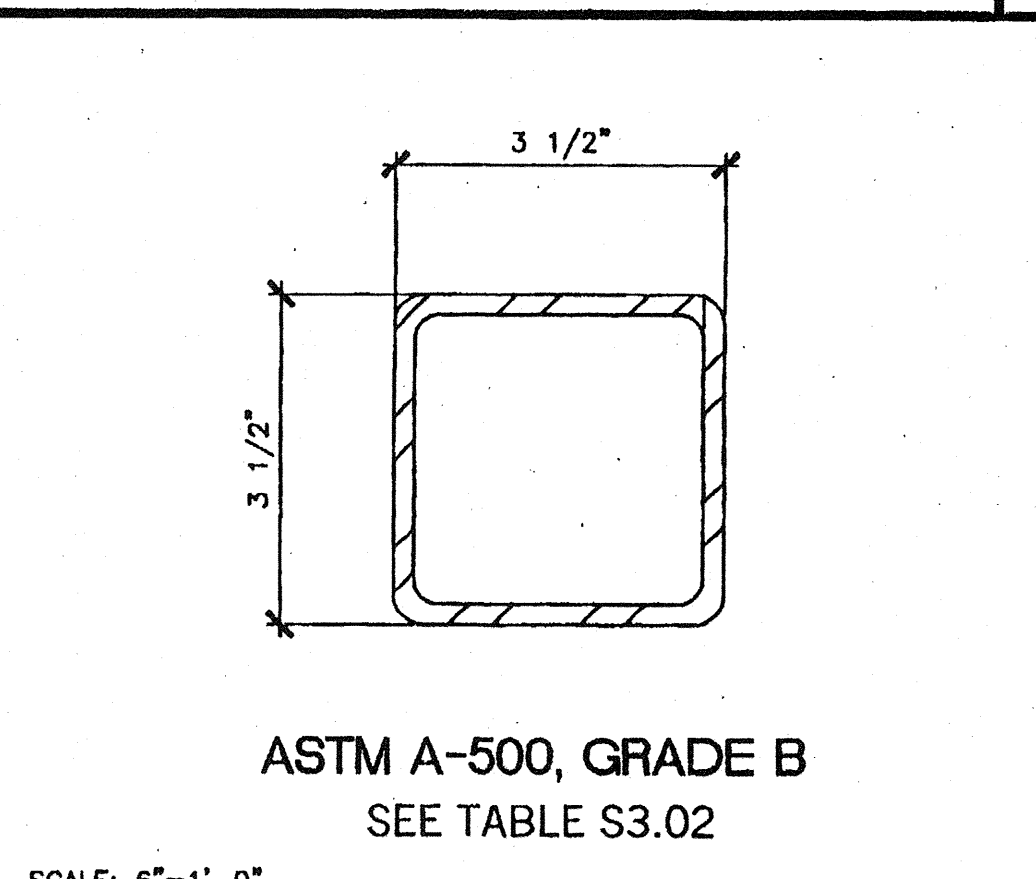
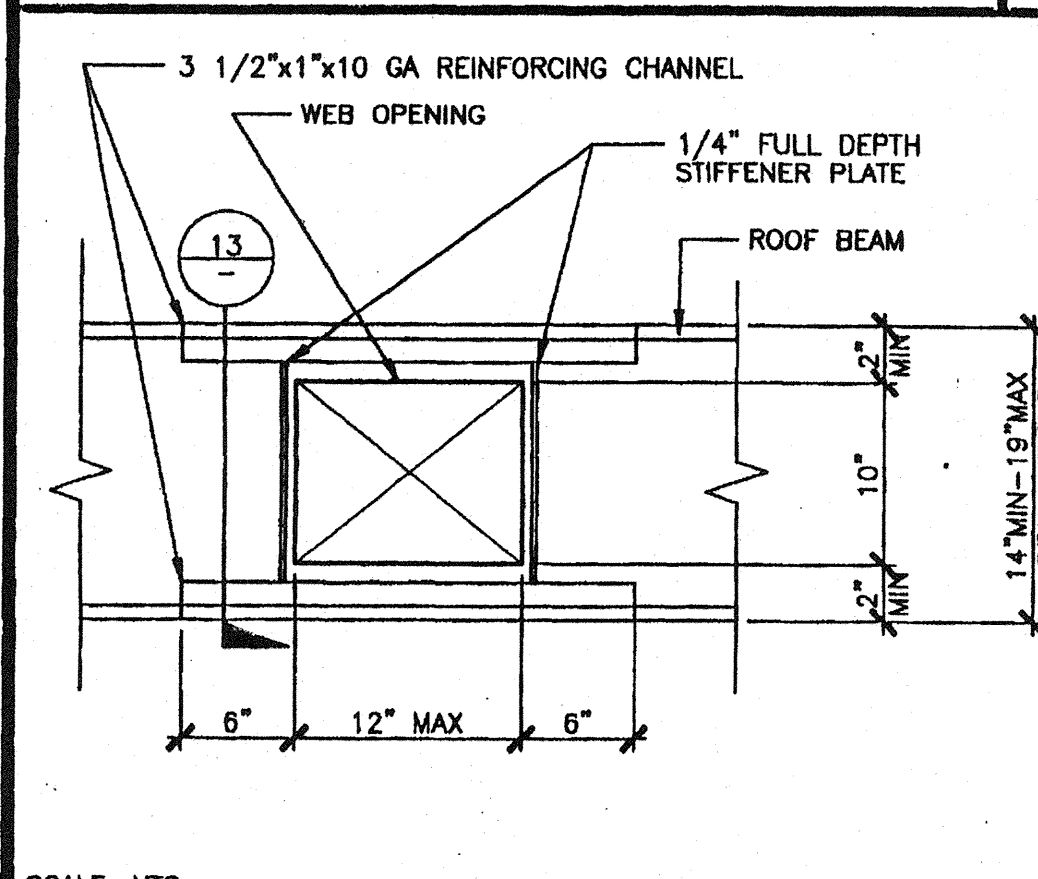


- ### KEY NOTES
- FLOOR BEAM - 1/S1
 - FLOOR HEADER - 1/S1
 - FLOOR JOIST - 2/S1
 - TAPERED ROOF BEAM - 1/S2.02
 - ROOF HEADER - 2/S2.02
 - ROOF FASCIA AT 2'-6" OVERHANG - 3/S2.02
 - ROOF FASCIA AT 5'-0" OVERHANG - 3/S2.02
 - ROOF PURLIN - 4/S2.02
 - 1/4" FULL DEPTH STIFFENER PLATE AT 8'-0" OC TYPICAL ALIGN WITH PURLIN - 9/S2.02
 - TUBE STEEL COLUMN, SEE TABLE BELOW - 8/S3.02
 - 3 1/2"x3 1/2"x1/4" STEEL STIFFENER PLATE, WHEN CONCRETE FOUNDATIONS ARE USED REPLACE LOWER PLATE WITH 5"x8"x1/4" ANCHOR BOLT PLATE - 3/S1
 - 3 1/2"x3 1/2"x1/4" TUBE STEEL STUB
 - (1) 3"x3"x10 GA TUBE STEEL BACK UP TUBE OR (4) 10 GA BACK UP PLATES
 - 3 1/2"x3 1/2"x1/4" ANGLE STIFFENER
 - BACK-UP PLATE - 10 GA MIN
 - 1/4" BASE PLATE - INSERT FLUSH WITH STIFFENER TUBE
 - HVAC DUCT OPENING - 12/S2.02
 - NOT USED
 - 1/4" FULL DEPTH STIFFENER PLATE AT 4'-0" OC AT EXTERIOR SIDEWALLS ONLY FOR 80 MPH DESIGN WIND LOAD ONLY
 - HAND HOLE AT BOLT LOCATION
 - 5/8" MB A307 AT MODULE CONNECTION JOINT - SEE FLOOR/ROOF FRAMING PLANS
 - FLOOR SHEATHING
 - MODULE JOINT
 - NOT USED
 - 3 1/2"x4 1/2"x1/4" PLATE UNDER BEAM FLANGE
 - STEEL ANGLE WELD TAB
 - 8"x3 1/2"x1/4 GA OVERHANG BEAM - 3/S2.02

OPTIONAL BEAM PENETRATION 11

SECTION AT END WALL B

SECTION AT SIDE WALL A

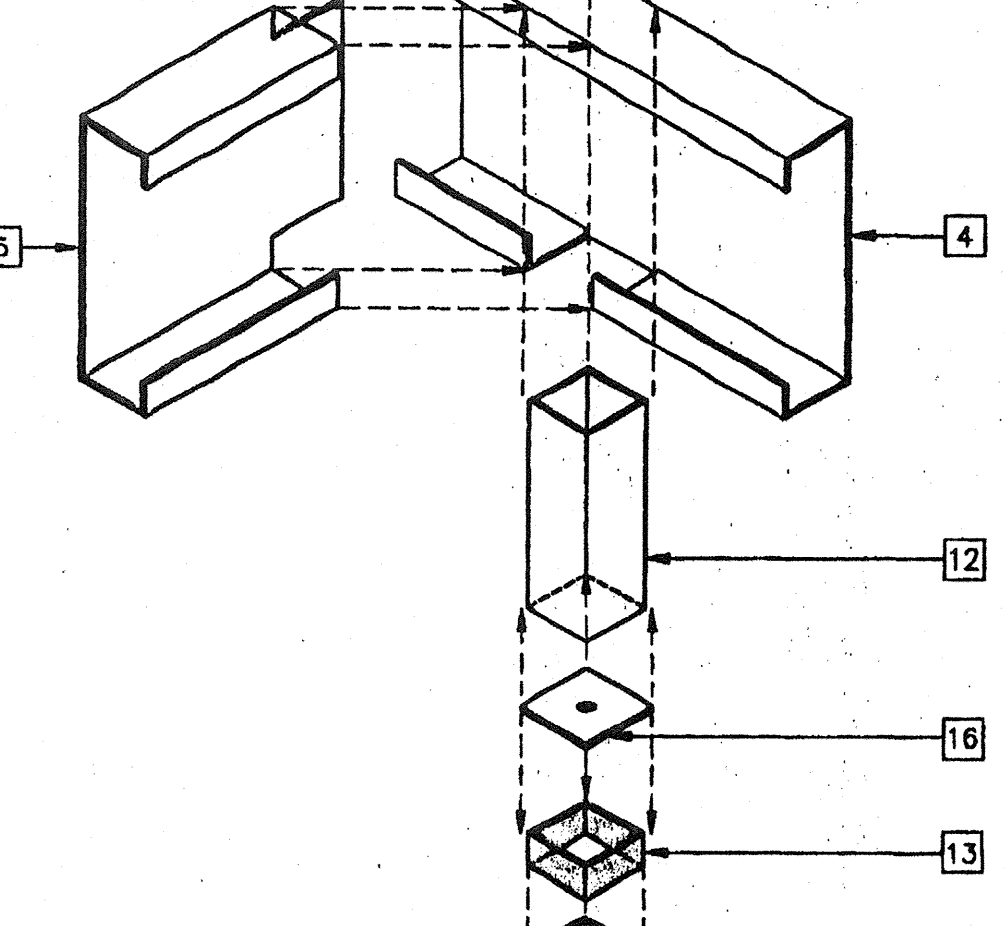
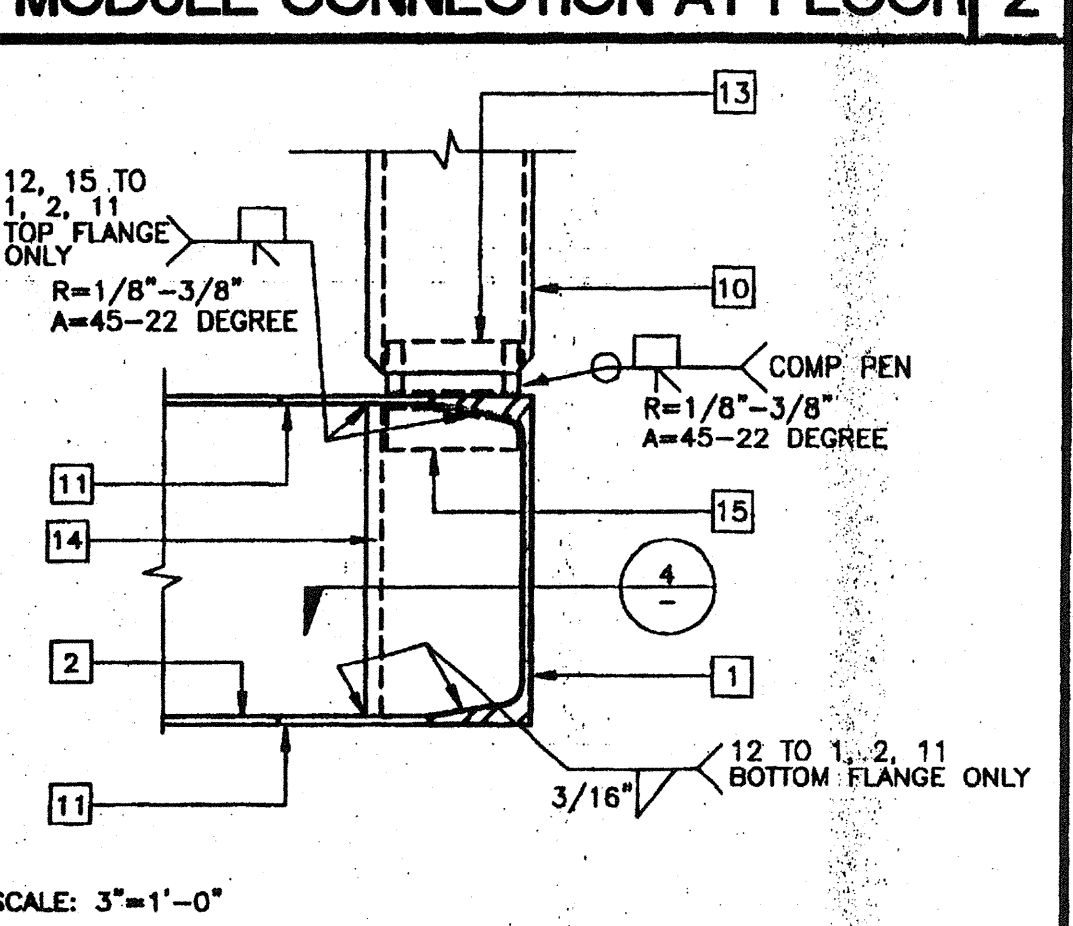
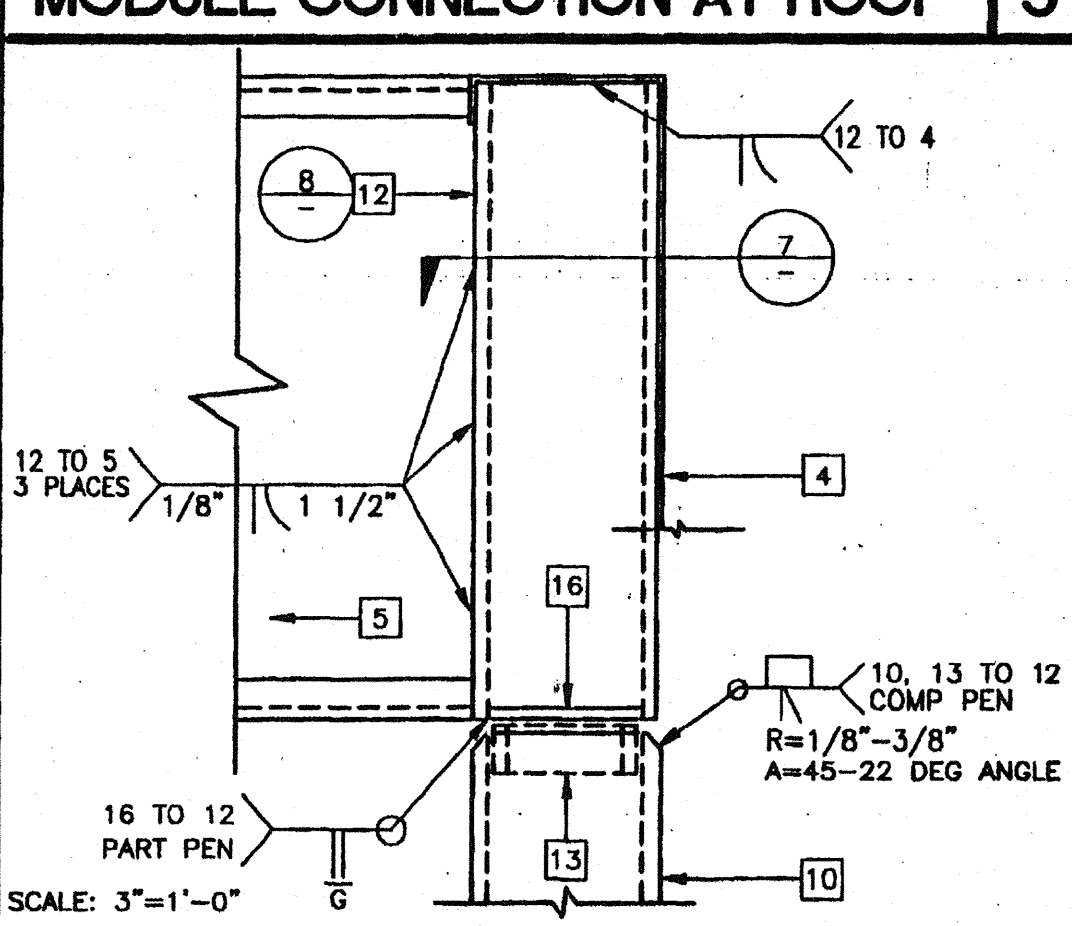
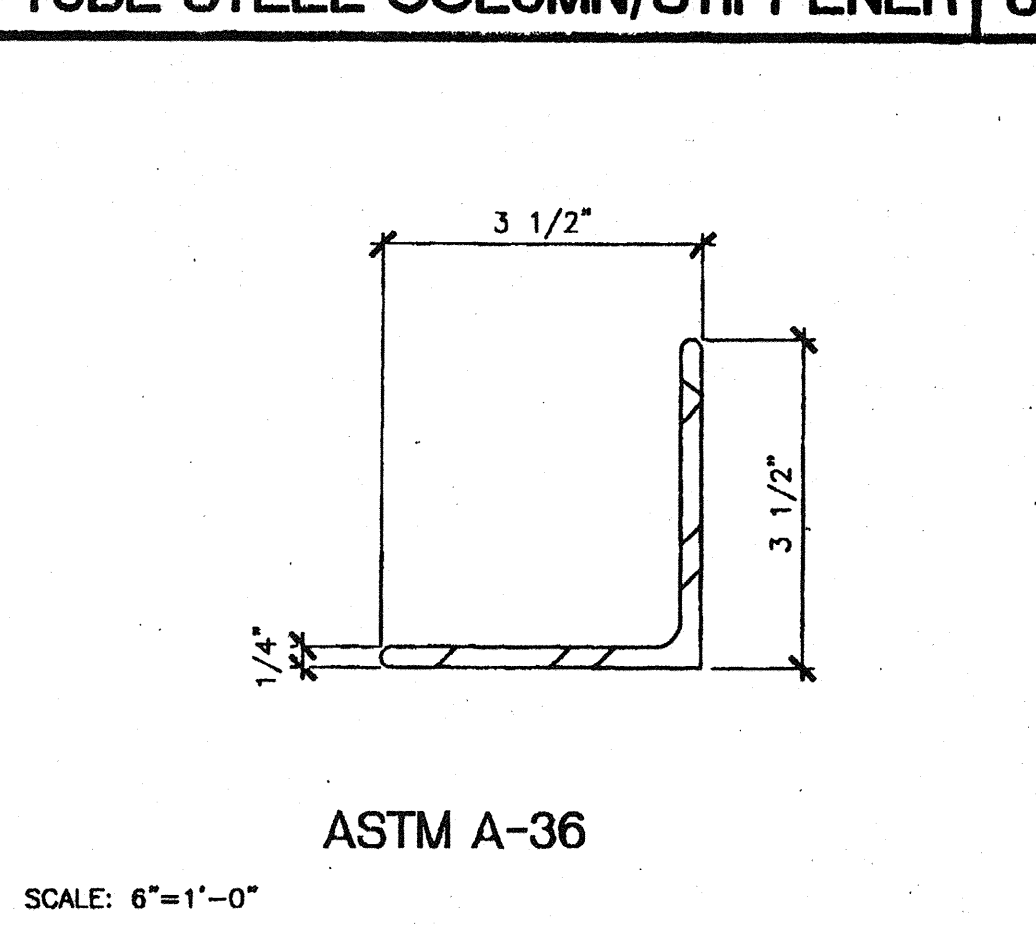
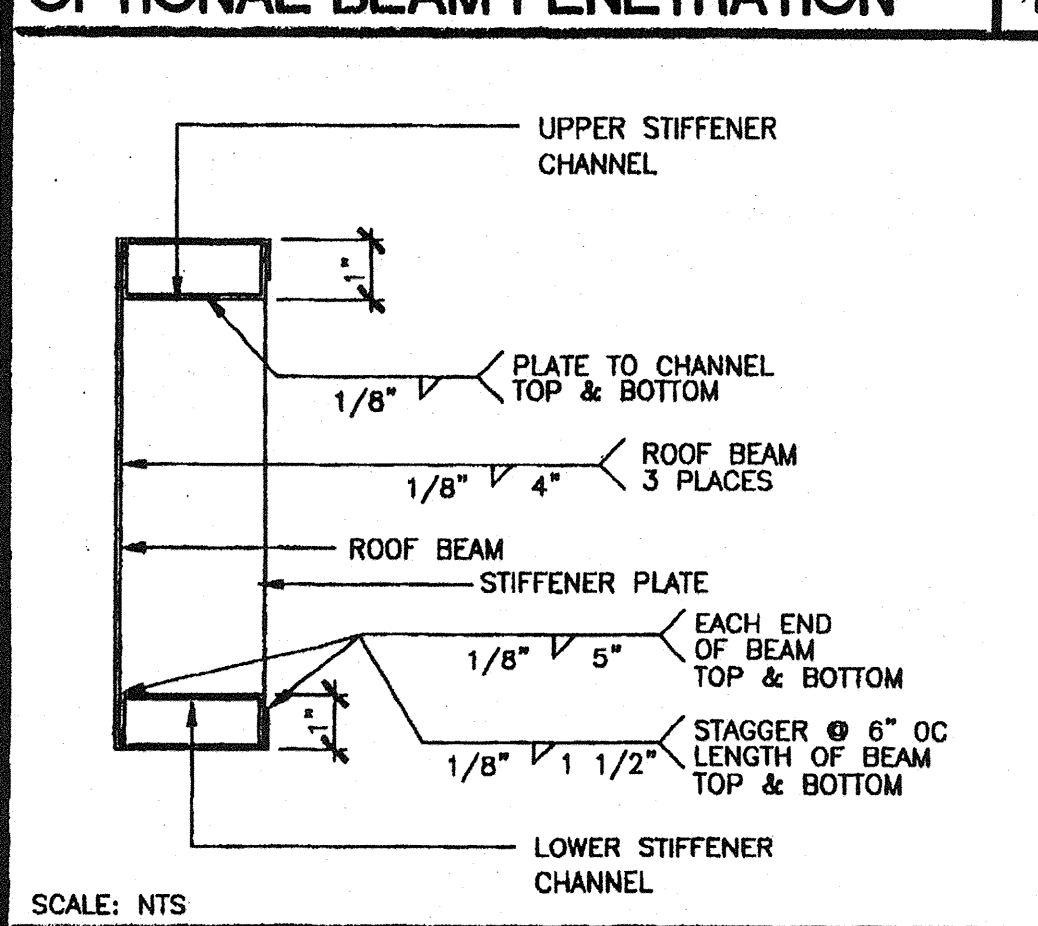


OPTIONAL BEAM PENETRATION 11

TUBE STEEL COLUMN/STIFFENER 8

MODULE CONNECTION AT ROOF 5

MODULE CONNECTION AT FLOOR 2

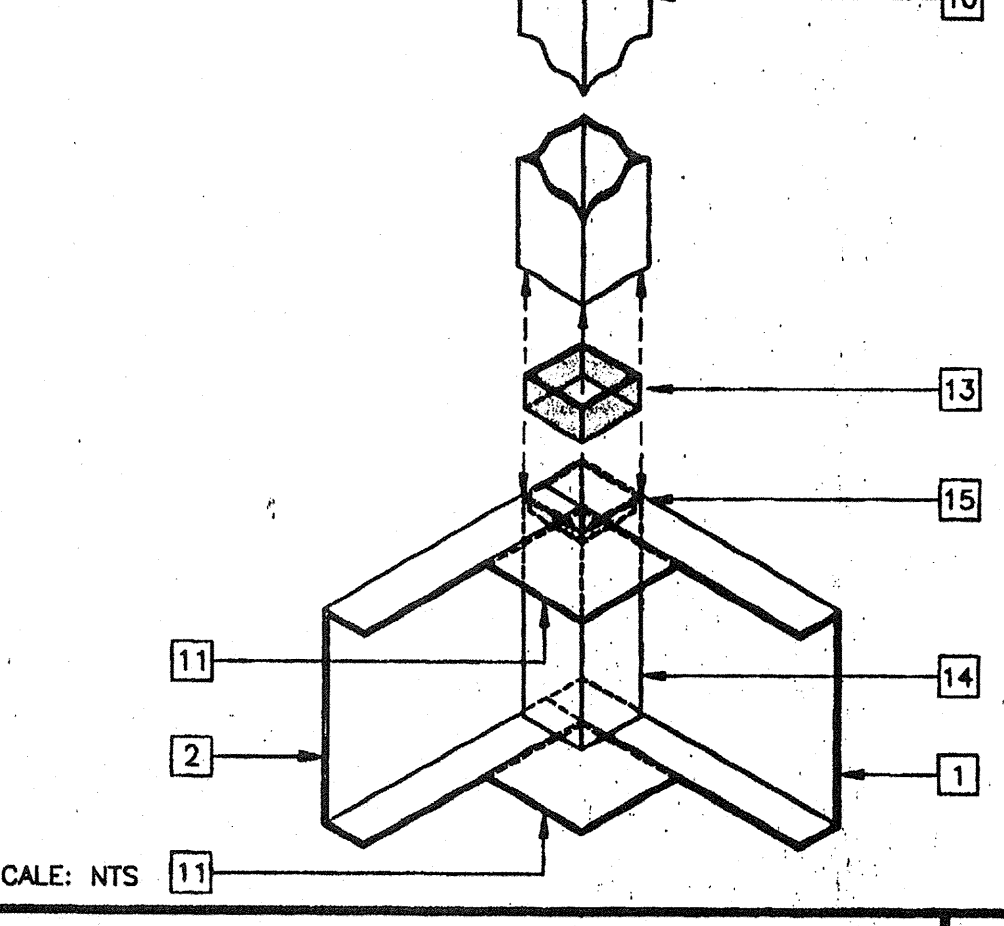
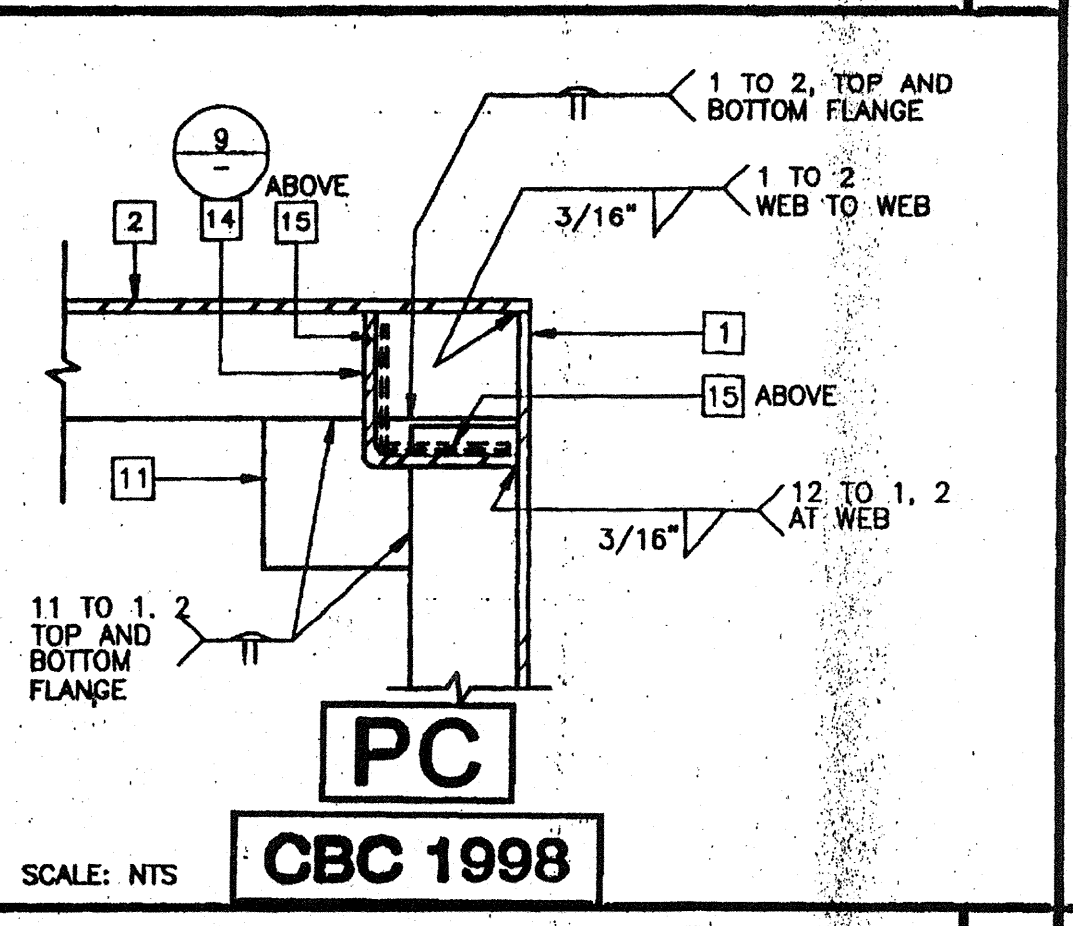
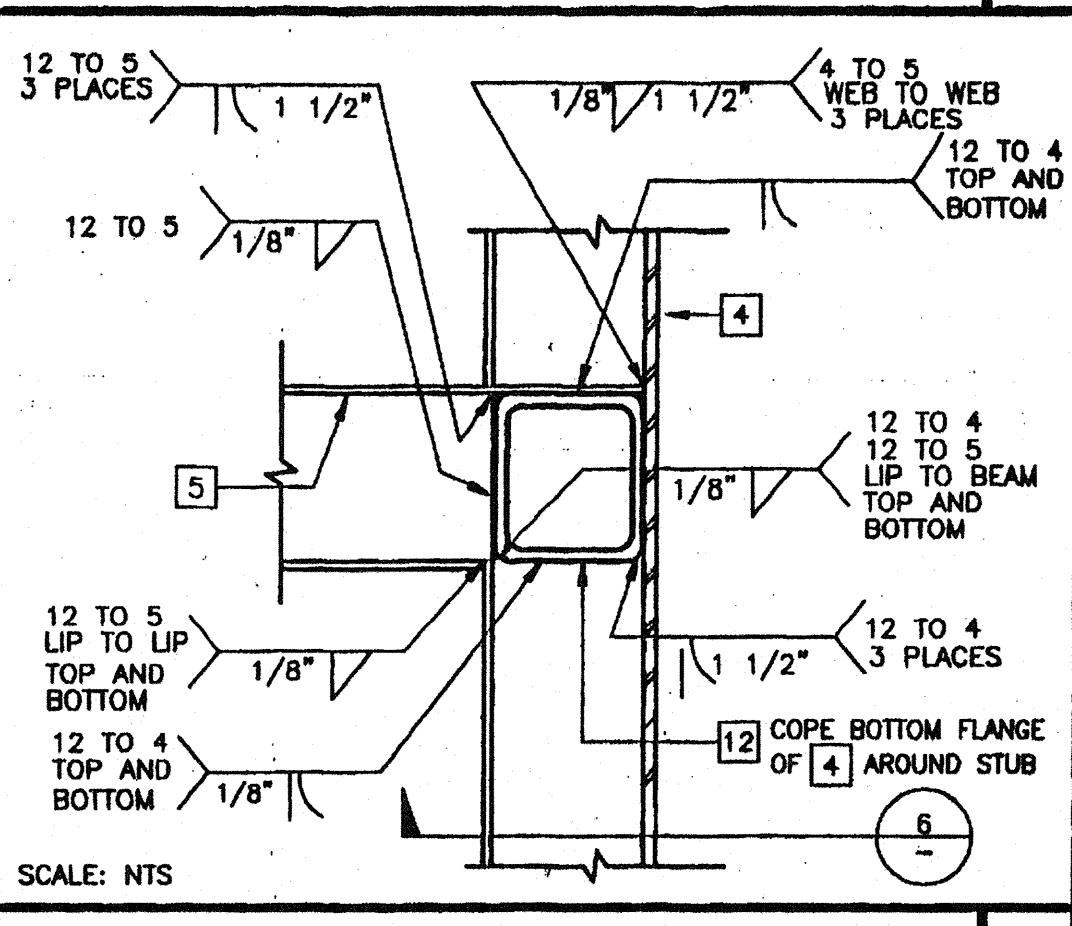
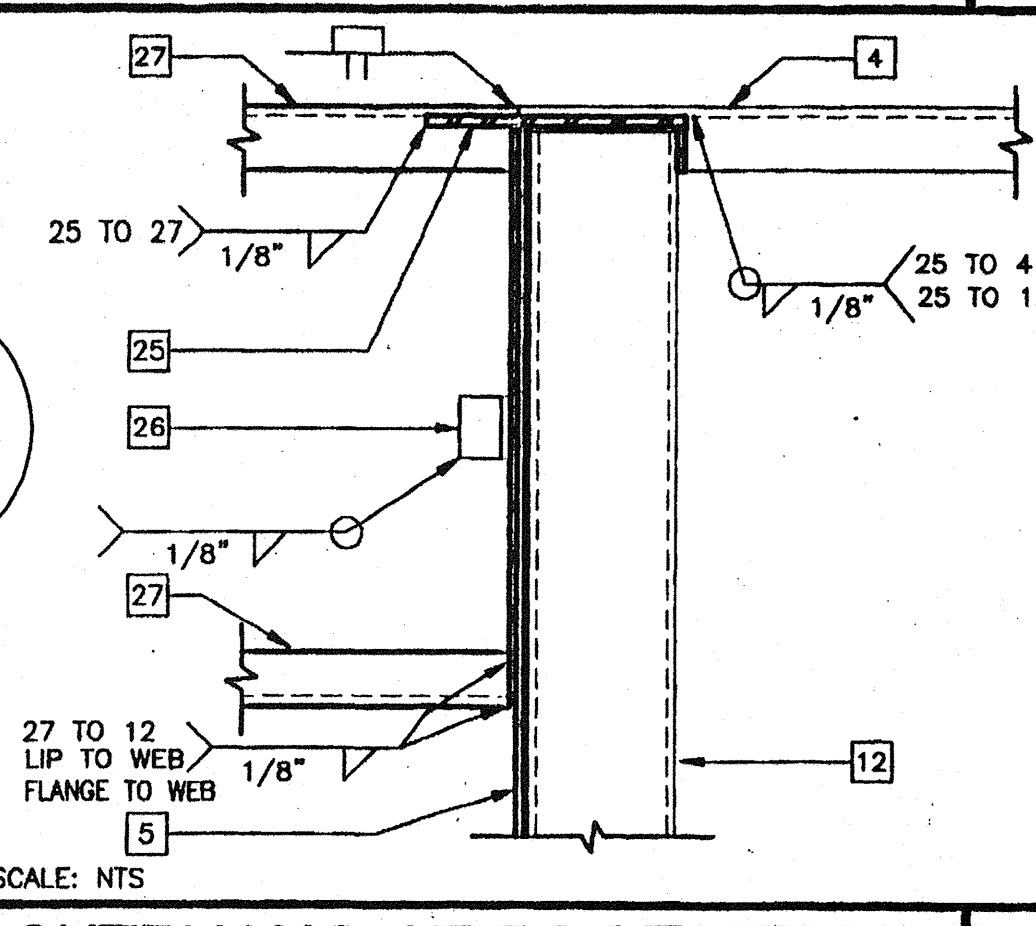
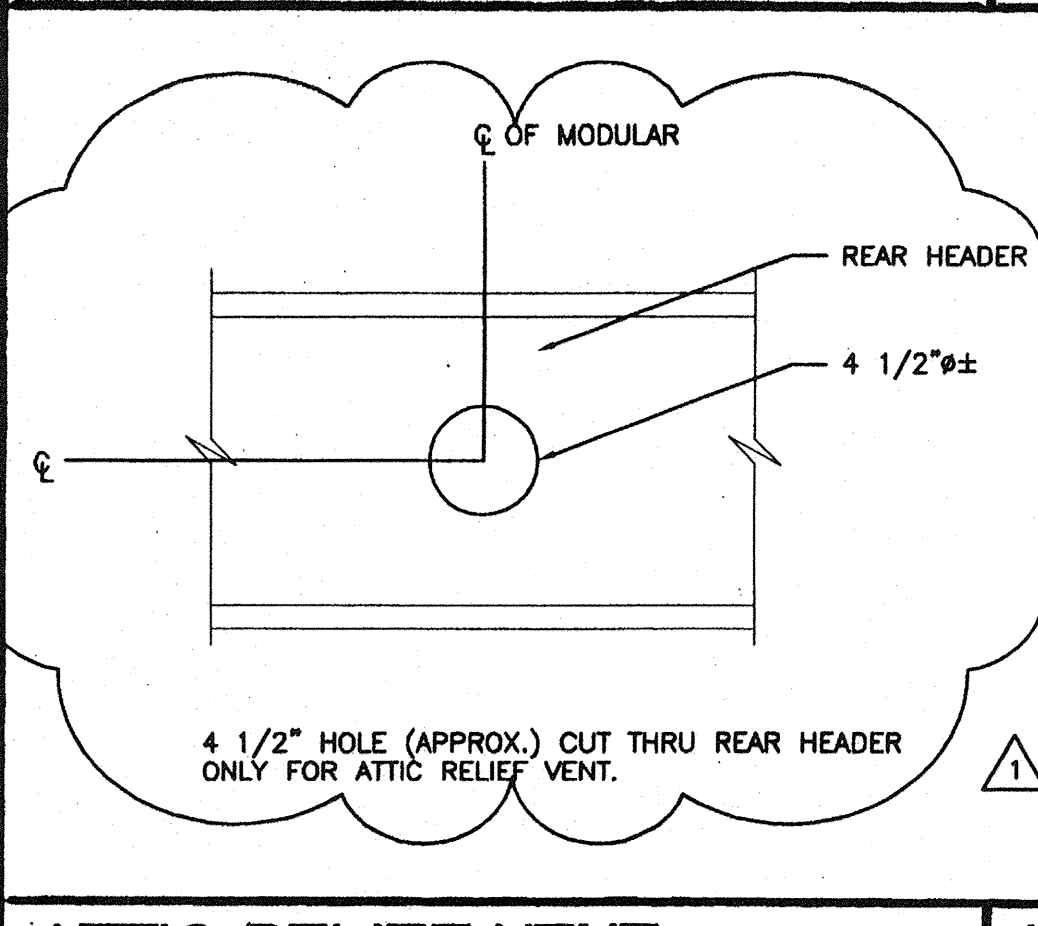


PENETRATION REINFORCEMENT 12

STIFFENER ANGLE 9

COLUMN AT ROOF 6

COLUMN AT FLOOR 3



ATTIC RELIEF VENT 1

OVERHANG AT ROOF BEAM 10

STIFFENER AT ROOF 7

STIFFENER AT FLOOR 4

COLUMN AT FLOOR AND ROOF 1

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDED ATTIC RELIEF VENT	11/19/02
2		
3		
4		
5		
6		

Electrical Engineer's Seal
Mechanical Engineer's Seal
Structural Engineer's Seal
Architect's Seal

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PC-04
101268
DATE: SEP 07 1999

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373-M, 4378-M, 4380, 4438 © MODTECH, INC. 2002
4474

COLUMN SIZE TABLE

DESIGN WIND LOAD	COLUMN SIZE
70 MPH	3 1/2"x3 1/2"x1/4"
80 MPH	3 1/2"x3 1/2"x5/16"

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DATE: MAY 14 2014

STRUCTURAL FRAMING 26 GA MONO PITCH S3.02

PROJECT NO. 4373
FILE PATH: 21440-S3.02.DWG
PC-04-101268

ELECTRICAL PANEL SCHEDULE

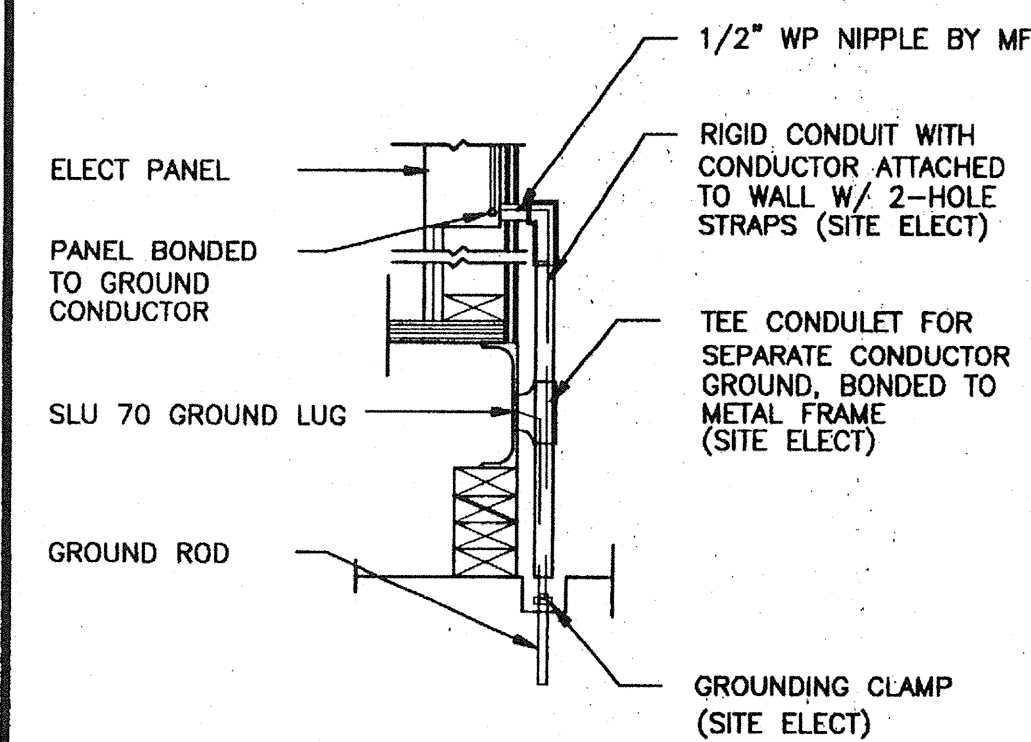
LOAD	WATTS	BREAKER		REAR/INTERIOR		BREAKER		WATTS	LOAD		
		A#	B#	Amps	P	OK	P			Amps	A#
RECEPTACLE (4)	720	20	1	1	2	2	50	3360	HVAC (3 1/2T)		
RECEPTACLE/CLOCK (5)	720	20	1	3	4	-	-	3360	HVAC (3 1/2T)		
				5	6	2	30	2500	HEAT STRIPS (5KW)		
				7	8	-	-	2500	HEAT STRIPS (5KW)		
INT./EXT LIGHTS (13)	900	20	1	9	10	-	-				
INT. LIGHTS (12)	840	20	1	11	12	-	-	40	FIRE ALARM (DEDICATED)		
WATTS/PHASE	A = 7480	1620	1560					5860	5900	B = 7460	WATTS/PHASE
TOTAL	15385	WATTS	65	AMPS	120/240	VOLTS		SINGLE #		THREE	WIRE
NCL =	13160	WATTS									

GENERAL GROUNDING NOTES

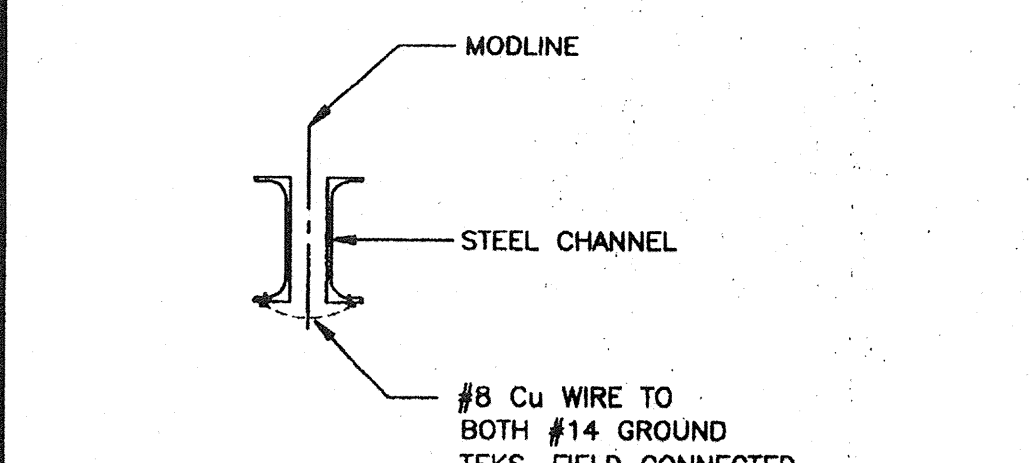
- EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4" RD. X 8' COPPER/ALD STEEL GROUND ROD WHERE ROCK BOTTOM IS ENCOUNTERED. ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREE'S FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 30" DEEP (BY SITE ELECTRICAL).
- TESTING: TEST FOR RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS. (BY SITE ELECTRICAL)
- APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THIS FIRE ALARM FOR ALL SITES. THE FIRE ALARM SYSTEM AND/OR COMPONENTS MAYBE REQUIRED TO BE CHANGED DUE TO SITE LOCATION, EXISTING CONDITIONS OR INCOMPATIBLE COMPONENTS.
- GROUND MG TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR. ALL GROUNDING SHALL BE IN ACCORDANCE WITH CEC ARTICLE 250.

ELECTRICAL LEGEND

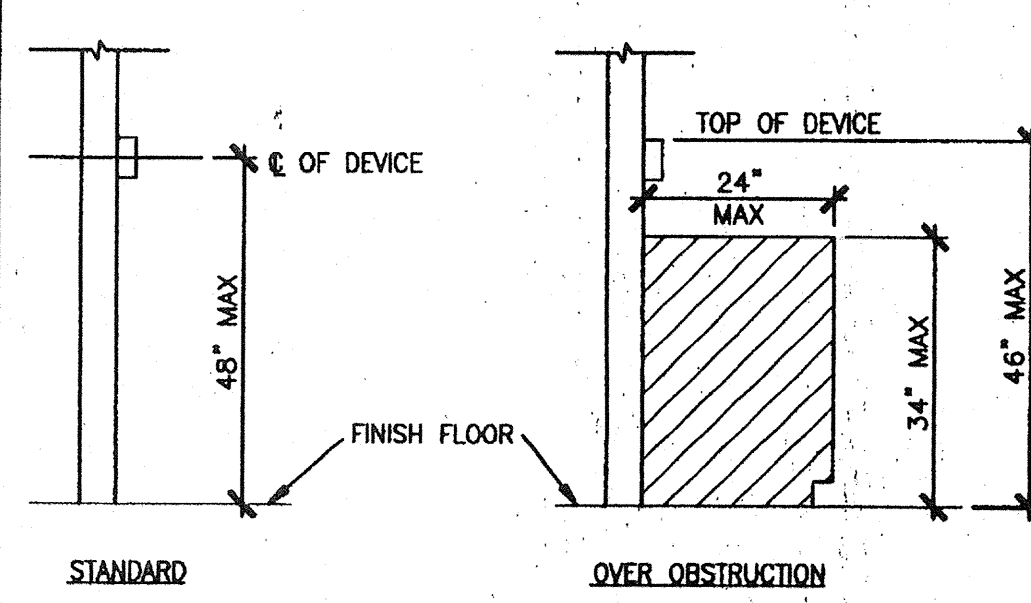
- 2'x4' 4 TUBE FLUORESCENT LIGHT FIXTURE
- EXTERIOR LIGHT FIXTURE AT +93" AFF
- SWITCH AT +48" AFF
- 3WAY SWITCH AT +48" AFF UON
- DUPLEX WALL RECEPTACLE 15A 125V 3-WIRE AT +18" AFF UON
- HVAC UNIT (HV)
- 4SD J-BOX FOR FIRE ALARM PULL STATION AT +48" AFF, TO 3/4" CO TO PULLSTRING
- 4SD J-BOX FOR FIRE ALARM STROBE AT +80" AFF, TO 3/4" CO TO PULLSTRING
- 4SD J-BOX FOR FIRE ALARM HORN AT +96" AFF, TO 3/4" CO TO PULLSTRING
- WEATHER PROOF GUTTER BOX (6"x6"x4") AT +18" AFF RECEIVE 3/4" CO FROM FA DEVICE, PULLSTRING
- ELECTRICAL PANEL AT +60" AFF TO CENTERLINE 1 1/4" POWER NIPPLE POC, GND JUMPER BY SITE ELECT
- CLOCK AT +90" AFF
- 4SD J BOX FOR HEAT DETECTOR (ATTIC) *
- 4SD J BOX FOR SMOKE DETECTOR (ATTIC) *



TYP GROUNDING DETAIL 1



GROUND JUMPER AT MOD LINE 2



DEVICE MOUNTING 3

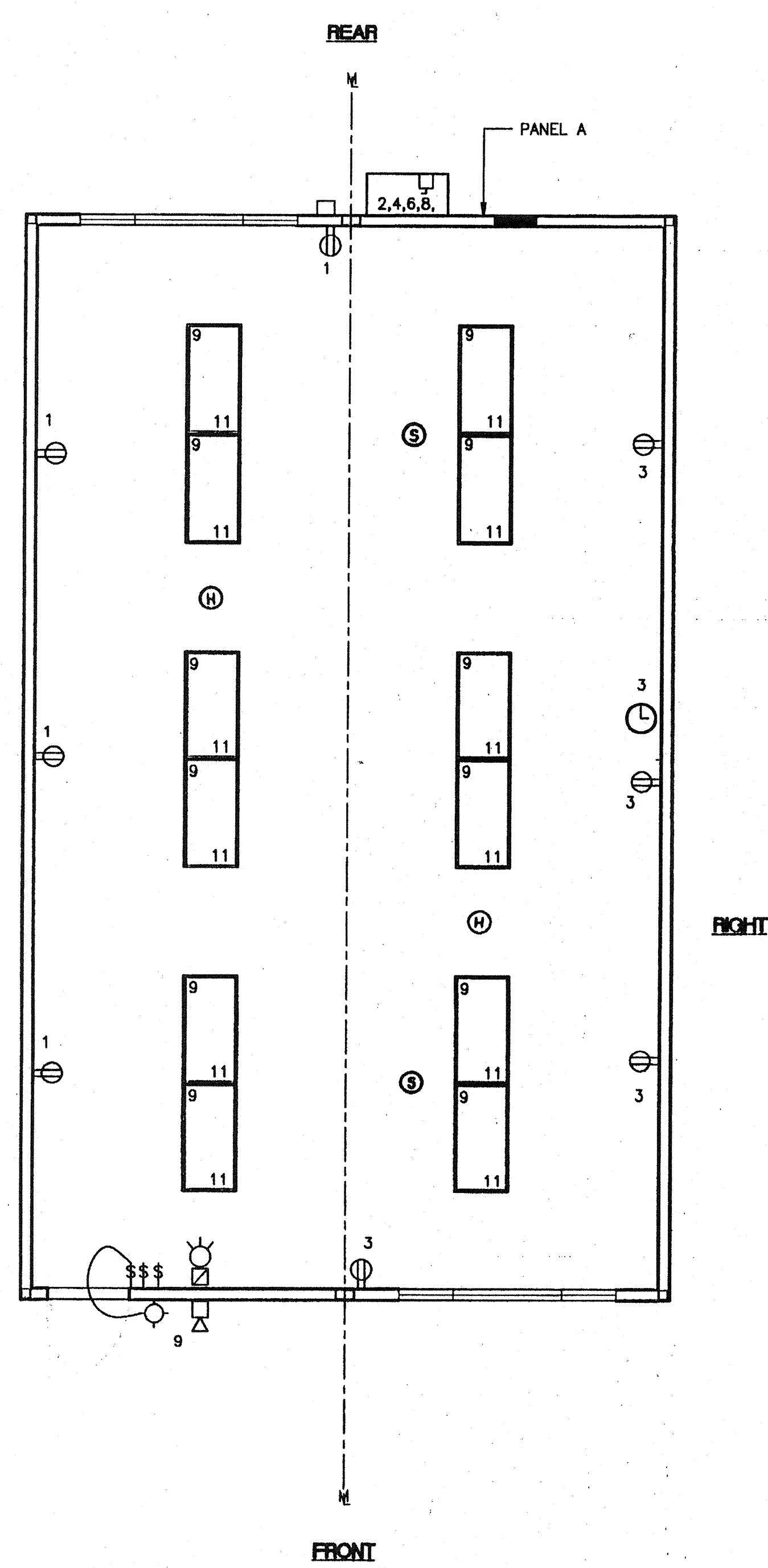
NOTES

- SCHOOL EQUIPMENT ANCHORAGE
THE FOLLOWING IS FOR THE ARCHITECTS INFORMATION ONLY:
THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO CCR TITLE 24, SECTION 1632A AND TABLE 16A-0. ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS & HUNG EQUIPMENT WEIGHING LESS THAN 20 LBS MAY BE OMITTED FROM THE PLANS.
~~ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE AGING IN ANY DIRECTION USING THE FOLLOWING DETAILS:~~
~~EQUIPMENT ON ROOFS SHALL BE ANCHORED TO THE STRUCTURE USING THE FOLLOWING HEIGHT:~~
~~EQUIPMENT ON WALLS SHALL BE ANCHORED TO THE STRUCTURE USING THE FOLLOWING HEIGHT:~~
~~FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 TIMES THE ABOVE NUMBER AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/2 TIMES THE ABOVE NUMBER.~~
THE ABOVE VALUES ARE FOR AN IMPORTANT CATEGORY 1 AND 2 AND GROUNDING.
- SMOKE AND HEAT DETECTORS SHOWN ARE FOR OPTIONAL AUTOMATIC DETECTION. IF ELECTED AS AN OPTION MODTECH WILL PROVIDE 4SD BOXES AND 3/4" CO MOUNTED ON UNDERSIDE OF ROOF PURLINS. DEVICES PROVIDED AND INSTALLED BY OTHERS.

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APP03 115740
AC FLS 0385
DATE MAY 14 2014

CBC 1993



ELECTRICAL PLAN (24'x40')
SCALE: 1/4" = 1'-0"

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal
1				
2				
3				
4				
5				

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04 104812
APR 18 2002
DATE DEC 08 2002

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AC FLS 0385
DATE MAY 14 2014

CBC 1993

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

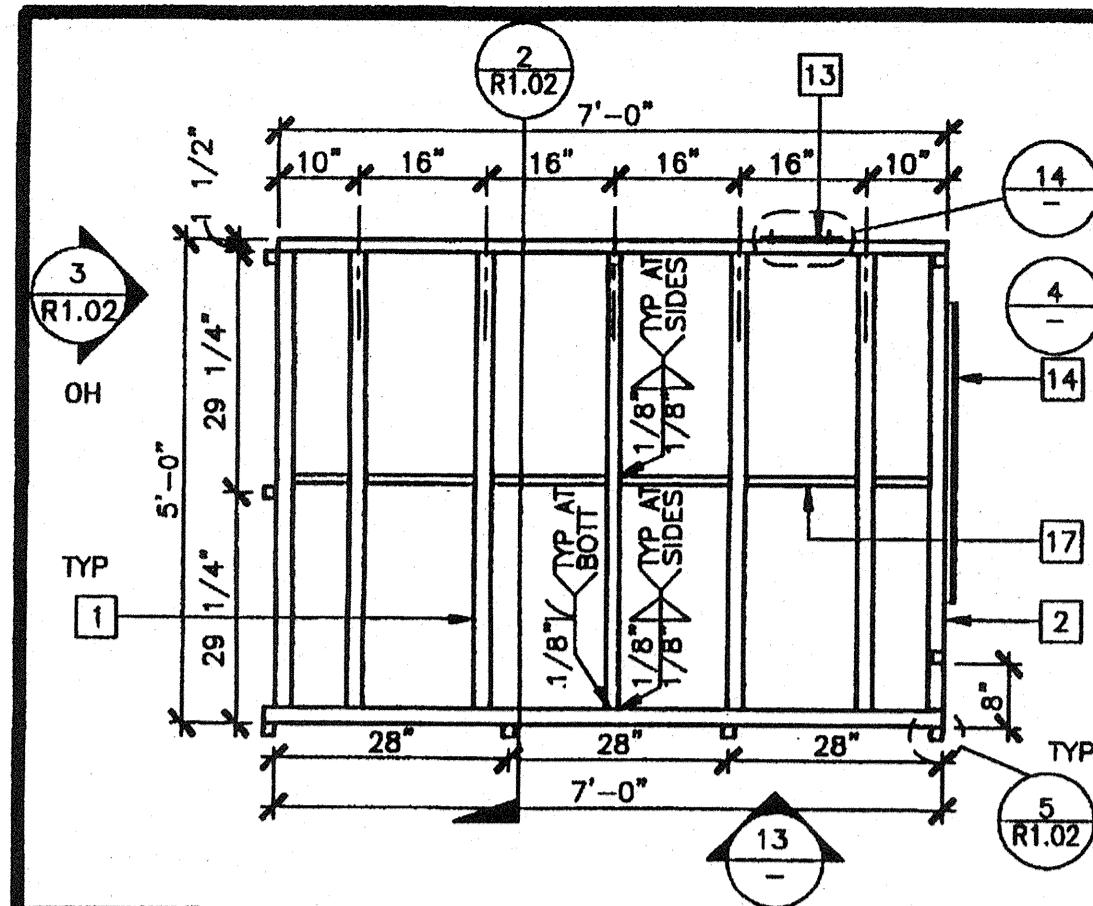
PROJECT NUMBER: 4373, 4378, 4438
4474, 4505, 4625

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DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4/02-124
MODTECH Index No.
E1.01

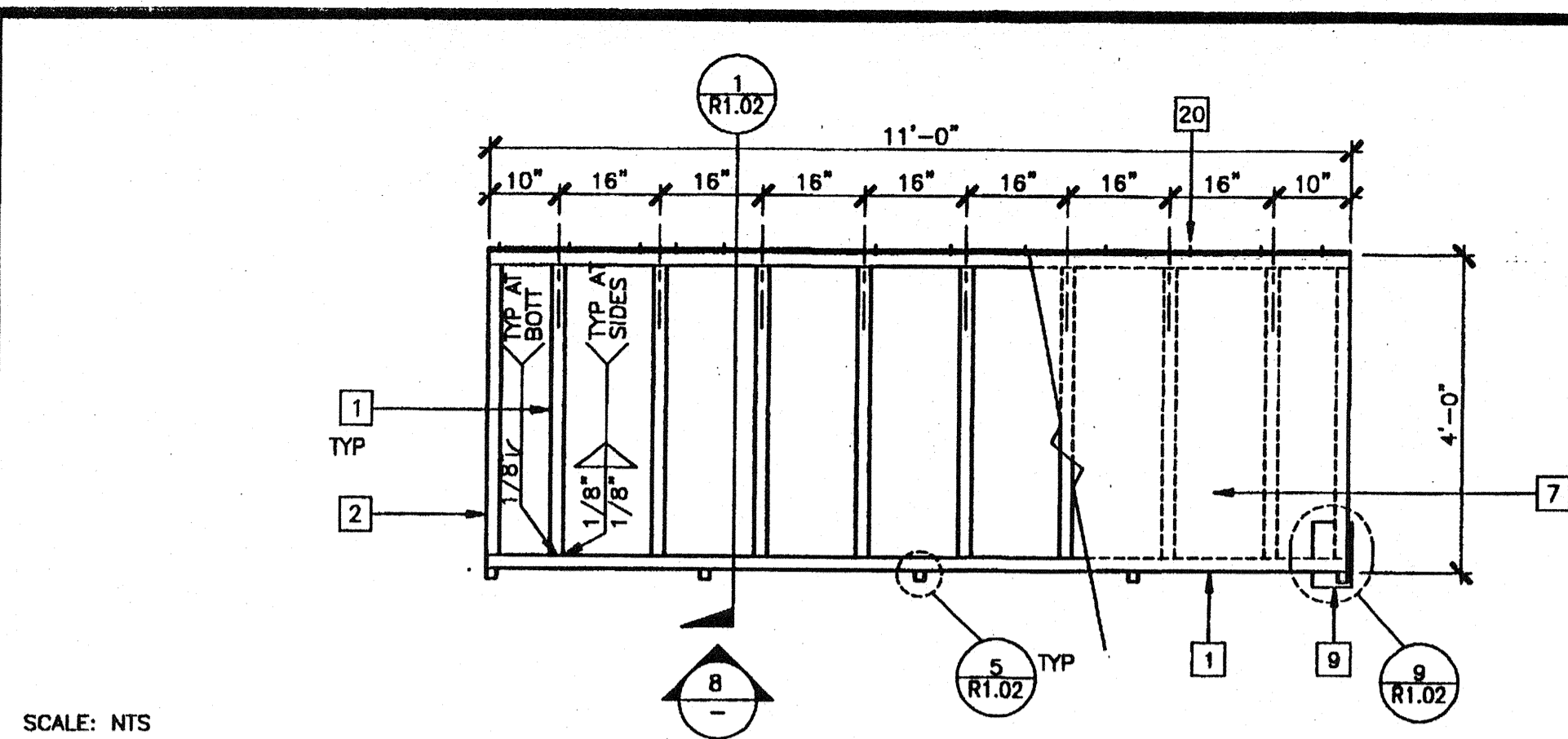
ELECTRICAL PLAN 24'x40' E1.01

PROJECT NO. 4373
FILE PATH: 2440-ET-01.DWG
PC-04-101268



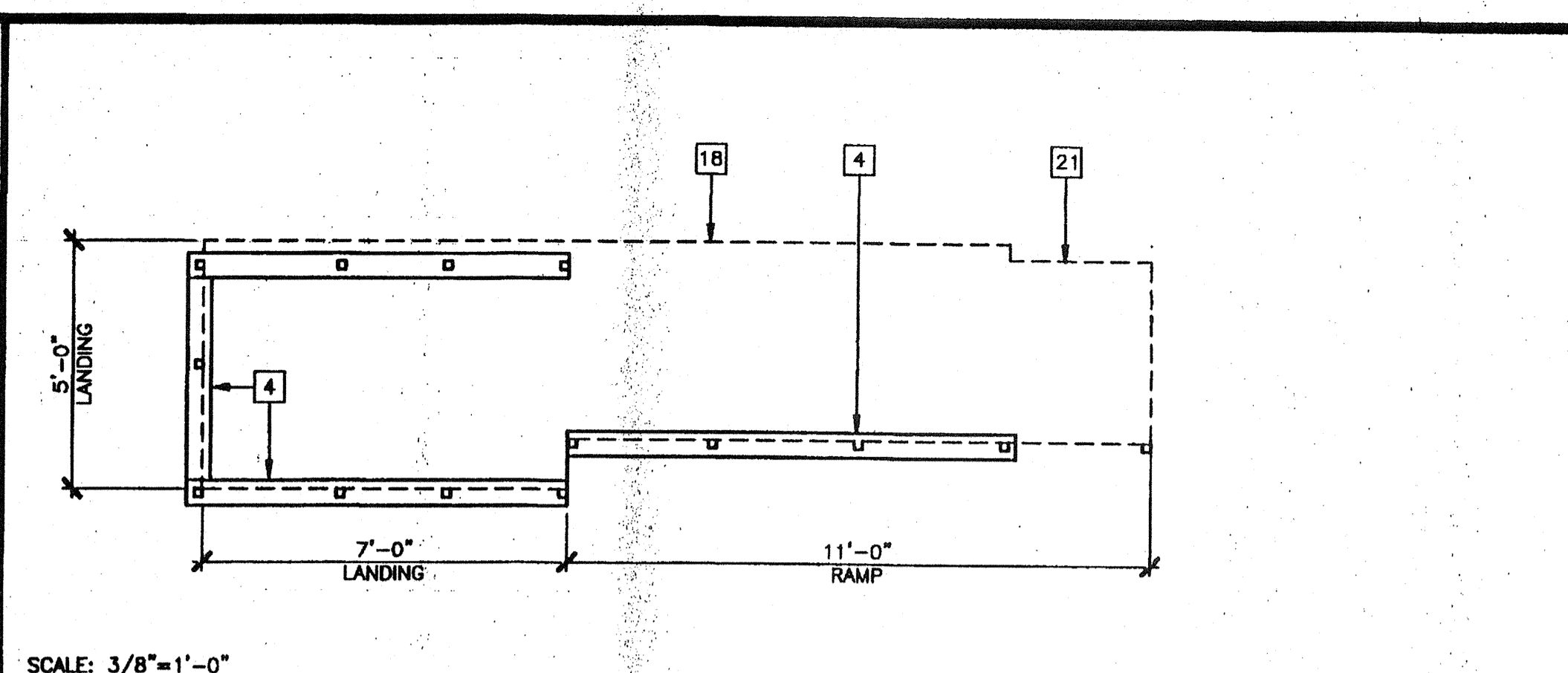
LANDING FRAME

12



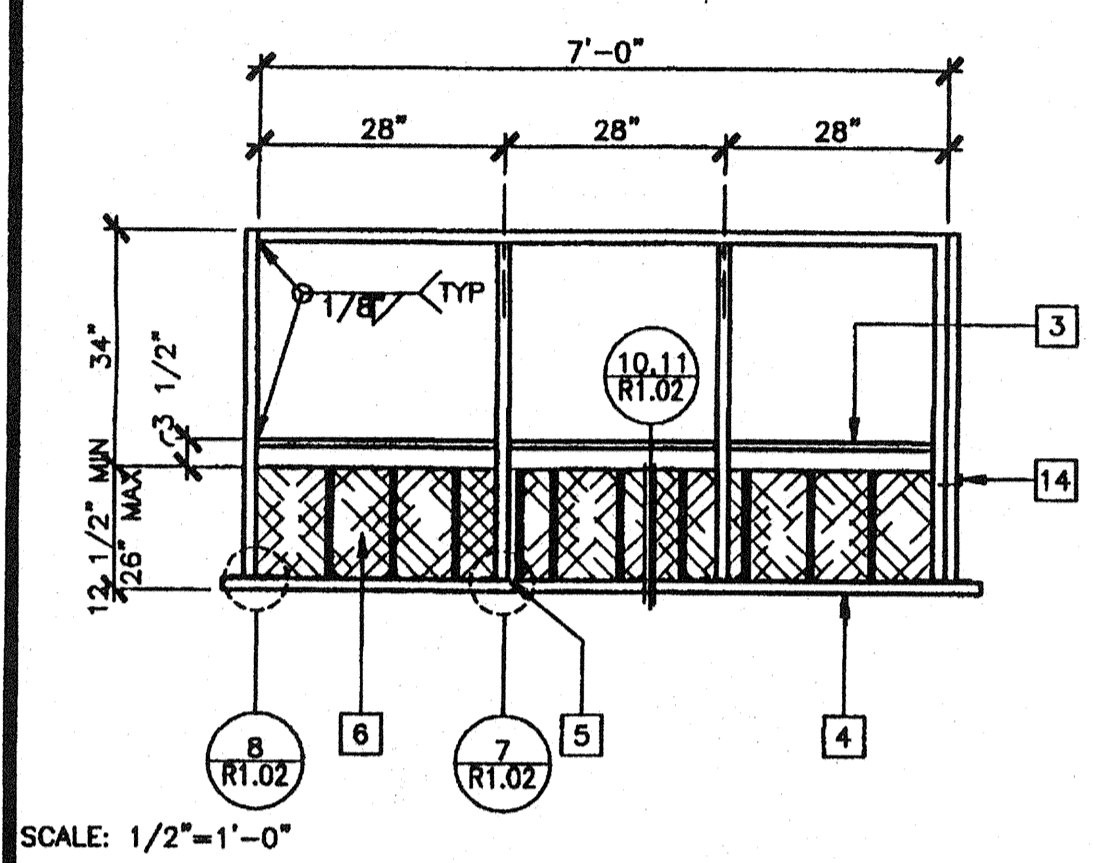
RAMP FRAME

7



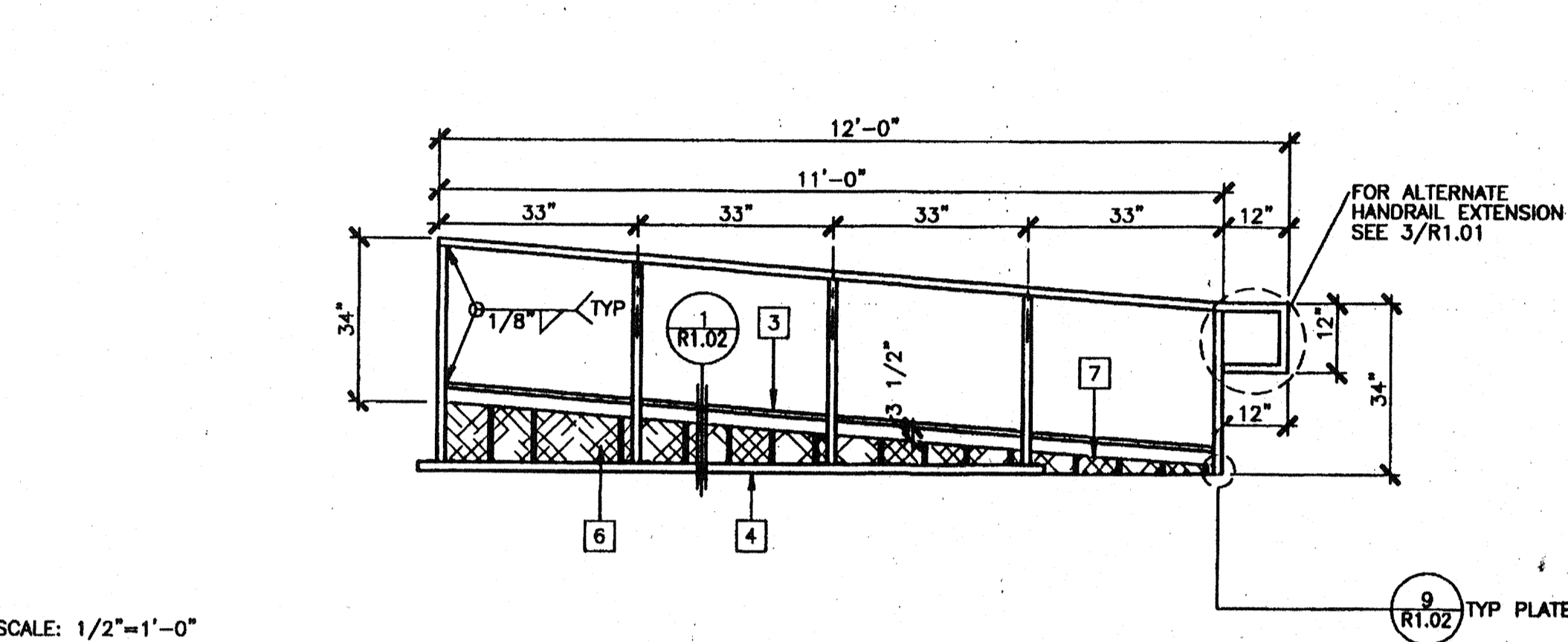
SILL PLAN FOR RAMP AND LANDING

1



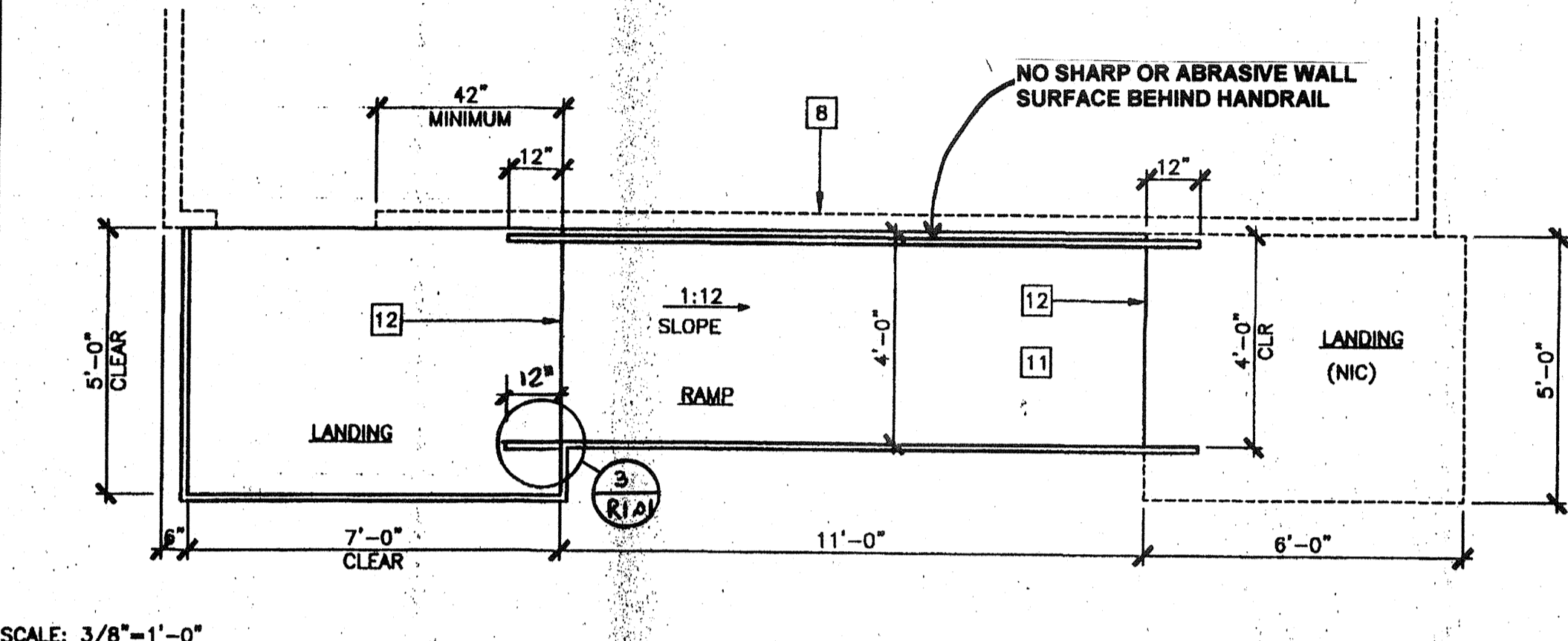
LANDING ELEVATION

13



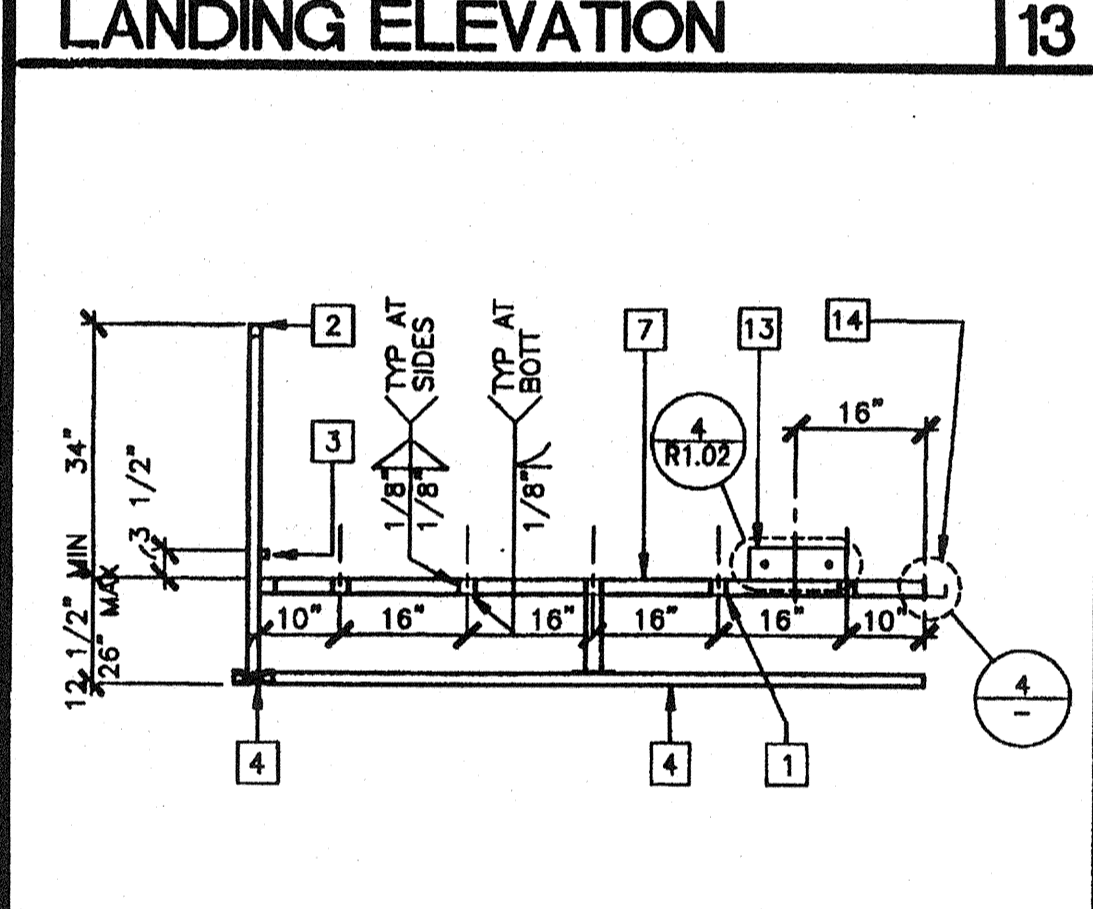
RAMP ELEVATION

8



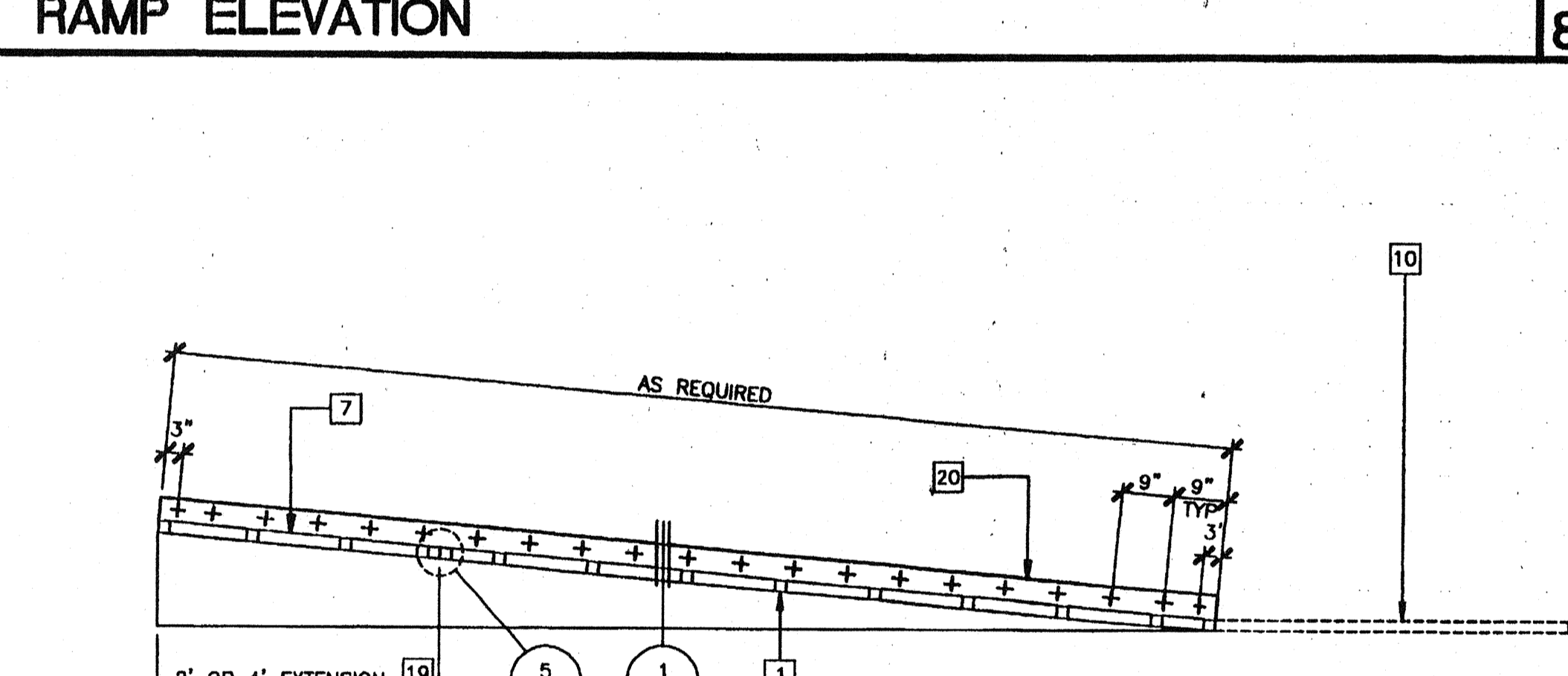
RAMP AND LANDING AT BUILDING

2



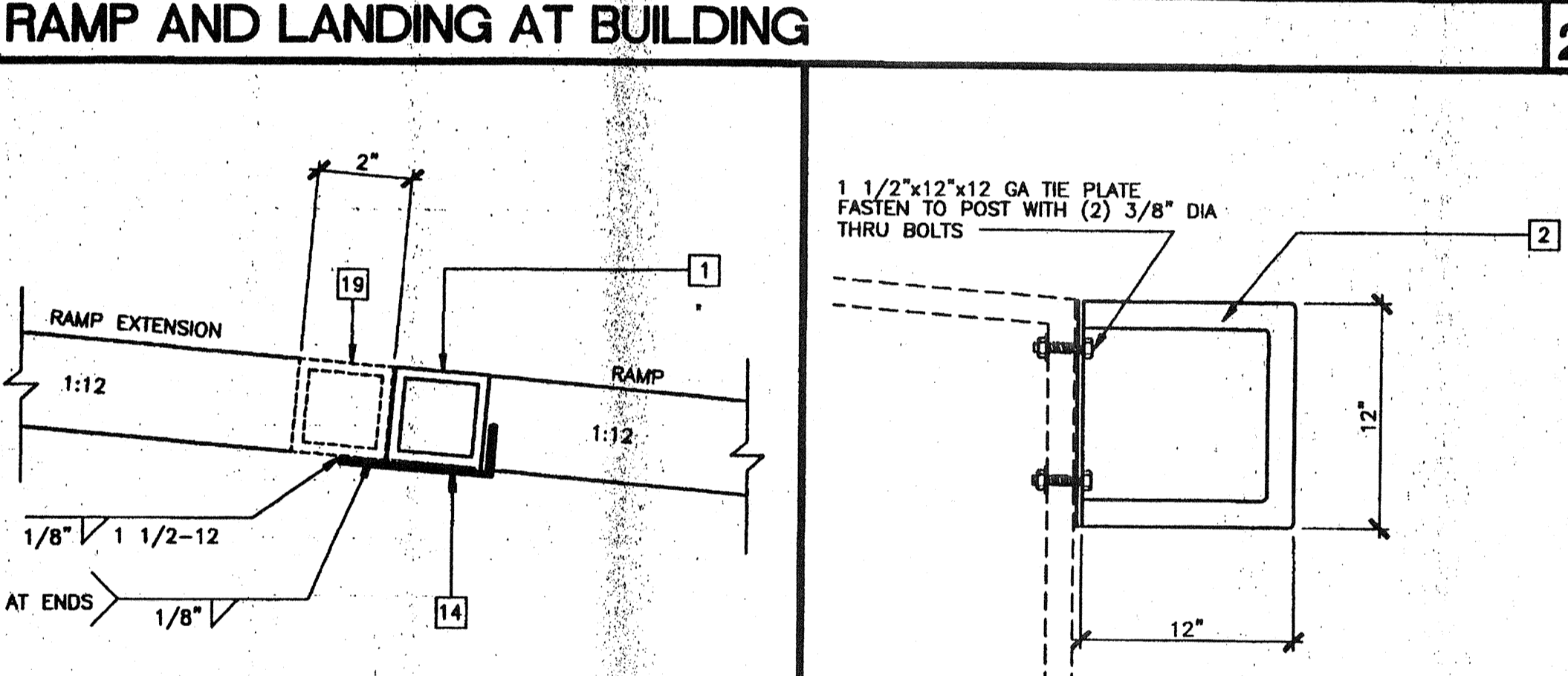
SECTION AT LANDING

14



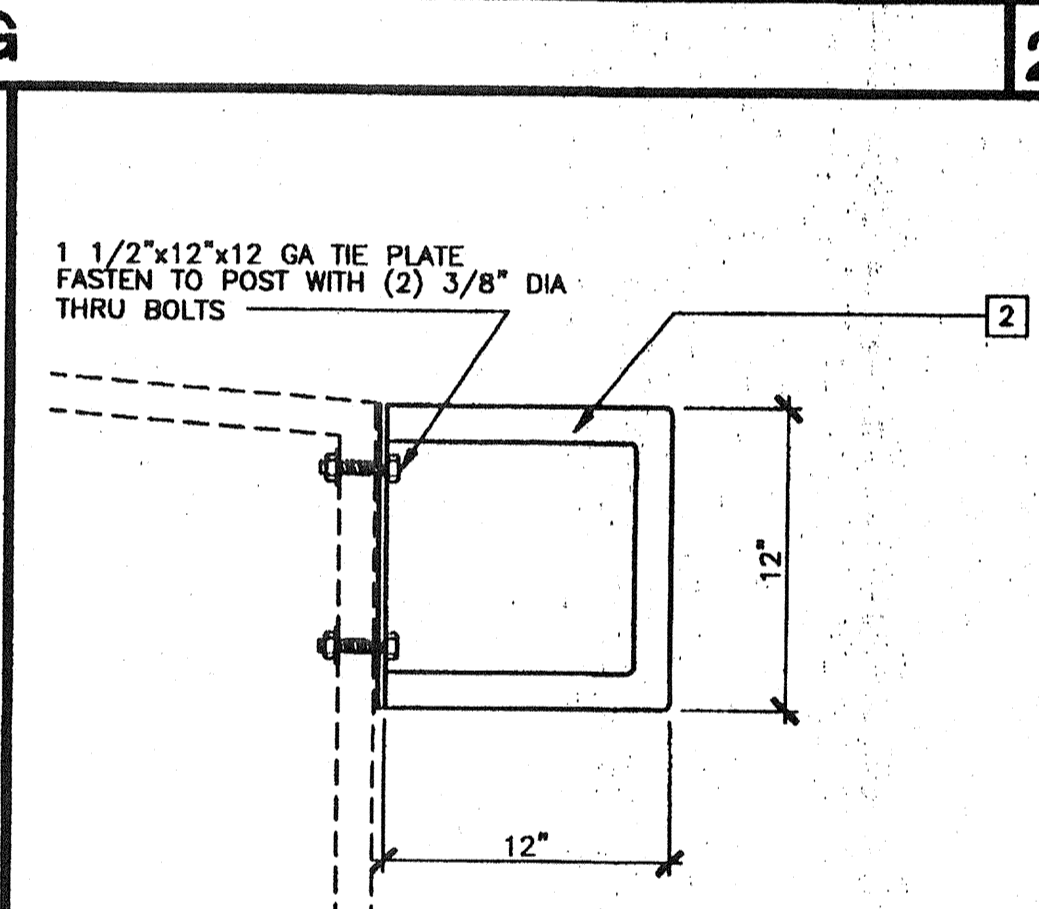
LONGITUDINAL SECTION AT RAMP

9



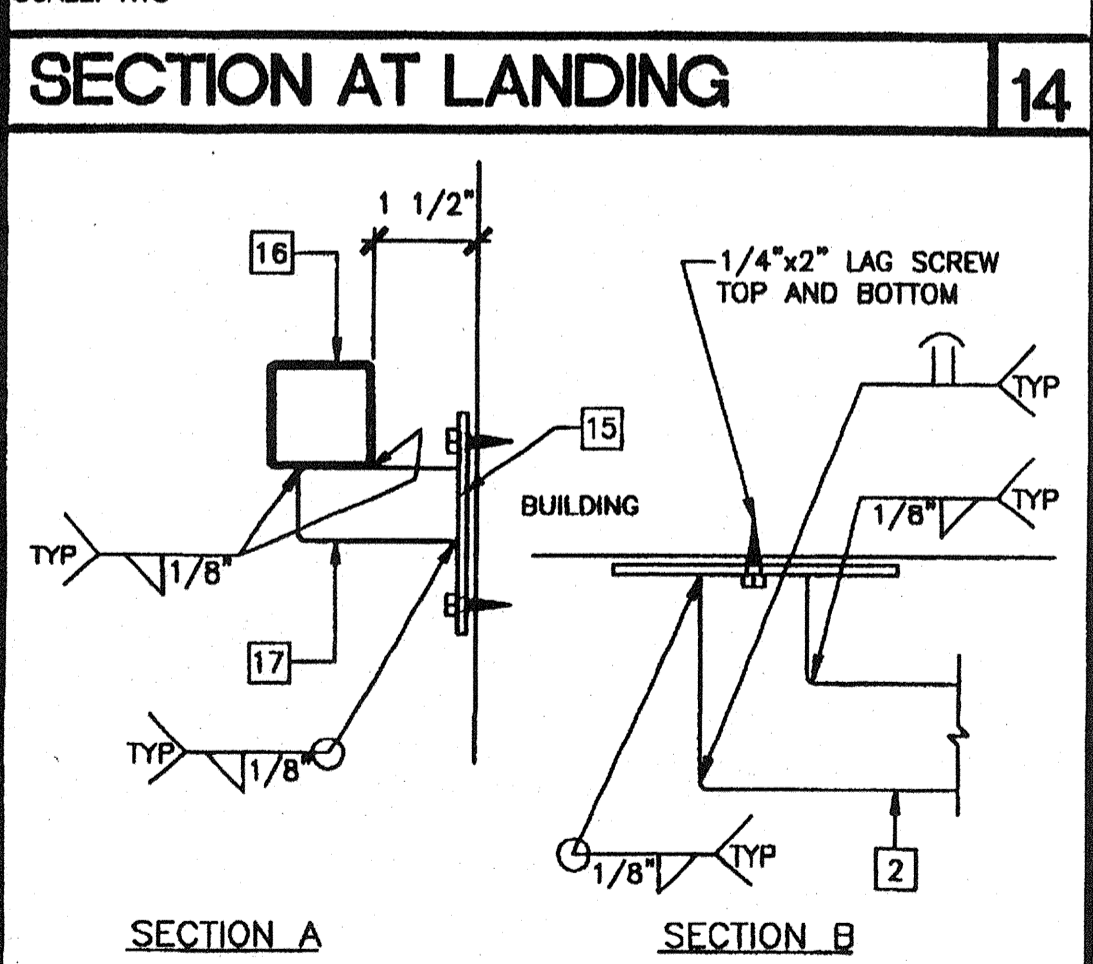
RAMP EXTENSION TO RAMP

5



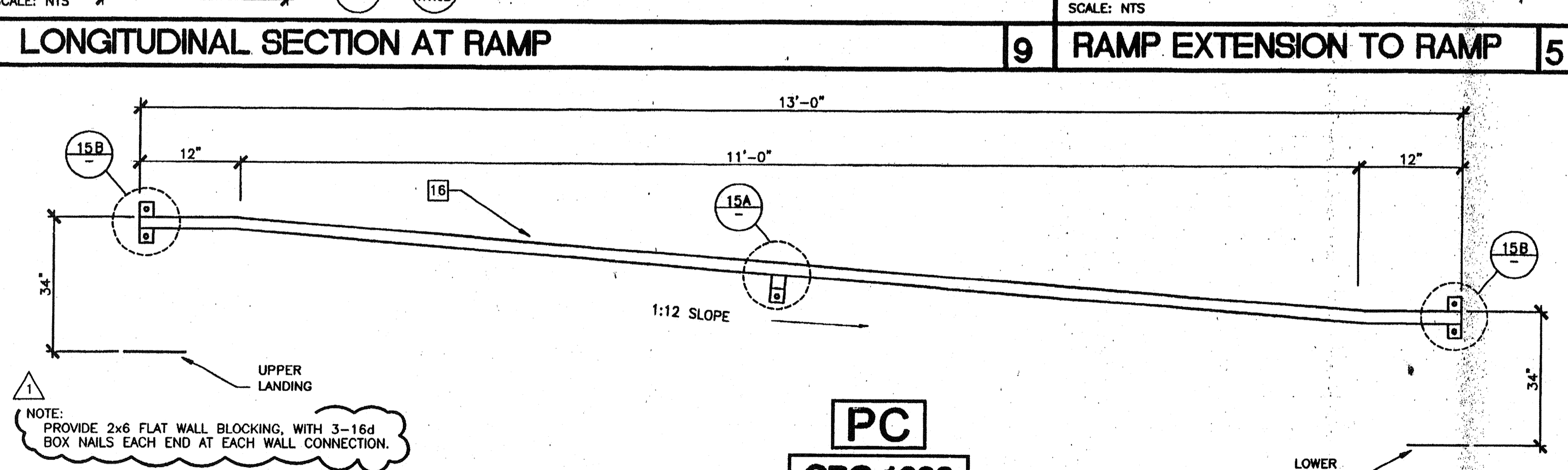
ALTERNATE GUARD RAIL EXTENSION

3



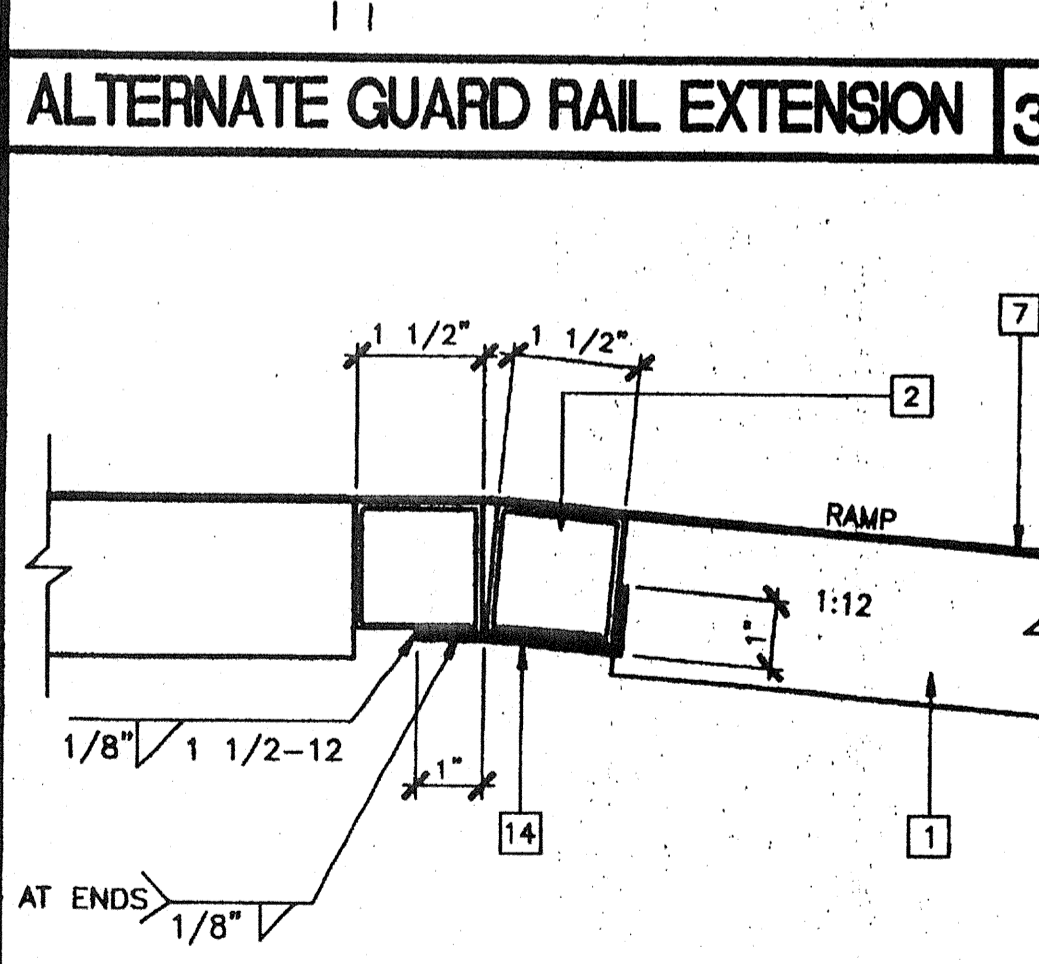
HANDRAIL CONNECTION

15



HANDRAIL ATTACHED TO BUILDING (OPTIONAL)

6



RAMP AT LANDING

4

KEY NOTES

- 1 TS 2"x2"x1/4 GA
- 2 TS 1 1/2"x1 1/2"x1/4 GA (Fy = 39KSI). ROUNDED OR BEVELD AT CORNERS.
- 3 TS 1"x1"x1/8 GA WHEELCHAIR GUIDE
- 4 2"x6" PRESSURE TREATED SILL PLATE
- 5 2"x4"x12 GA BASE PLATE WITH (2) 1/4"x1" LAGS
- 6 SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH WITH 8d AT 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO TUBE STEEL USE #14x2" TEK SCREWS AT 6" OC
- 7 12 GA METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YEAR
- 8 EXISTING BUILDING
- 9 6"x10"x12 GA BASE PLATE AT RAMP TOE
- 10 LOWER LANDING BY DISTRICT
- 11 RAMP BY MODTECH
- 12 FLUSH TRANSITION
- 13 6"x12"x10 GA PLATE WITH (2) 1/4"x3" LAGS TO STRUCTURAL FRAME OF BUILDING
- 14 3"x1"x3'-0"x10 GA BENT PLATE
- 15 2"x4"x 1/8" PLATE
- 16 TS 1 1/2"x1 1/2"x1/4 GA HANDRAIL - CONTINUOUS AND UNINTERRUPTED ROUNDED OR BEVELD AT CORNERS.
- 17 TS 1"x1"x1/8 GA
- 18 LINE OF RAMP/LANDING ABOVE
- 19 RAMP EXTENSION FRAME
- 20 6"x10 GA CONTINUOUS PLATE WITH 1/4"x2" TEK SCREWS AT 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14x2" TEK SCREWS INTO STEEL AT 9" OC
- 21 NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2"x4'-0" LONG.
- 24 NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2"x4'-0" LONG.

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14 104812
DATE DEC 05 2002

NOTES

1. RAMPS: RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12"
2. HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HEIGHT.
3. SURFACE: LANDING & RAMP TO HAVE NON-SLIP SURFACE AMCOR GRIP II AS MANUFACTURED BY AMERICAN CHEMICAL COMPANY (OR EQUAL)
4. GROUNDING: PROVIDE GROUNDING OF RAMP TO BUILDING FRAME WITH #8 COPPER TO BOTH GROUND LUGS.
5. ARCHITECT SITE/RAMP/LANDING PLANNING: DUE TO VARYING SITE CONDITIONS THE MAXIMUM HEIGHT OF FINISH FLOOR FROM GRADE IS 26". THEREFORE IT IS POSSIBLE THAT THE ACCESS RAMP ATTACHED TO THE BUILDING COULD BE 26'-0" AT A SLOPE OF 1:12. ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY MODTECH INC. IS 11'-0" AT A SLOPE OF 1:12. THEREFORE THE ARCHITECT WILL HAVE TO DESIGN AND PROVIDE DETAILS OF RAMP EXTENSIONS AND BOTTOM LANDING DEPENDING ON PARTICULAR SITE CONDITIONS. IN NO WAY IS MODTECH INC RESPONSIBLE FOR ANY RAMP EXTENSION EXCEEDING THE ORIGINAL PLAN AS SHOWN ON THIS SHEET
6. ALL 1 1/4" AND 1 1/2" TUBE STEEL TO BE OF ASTM A500 GRADE A STEEL (Fy = 39 KSI)

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	SP MODTECH ENGINEERING CHANGE	09/28/00	
2			
3			
4			
5			

Electrical Engineer's Seal
Mechanical Engineer's Seal
Structural Engineer's Seal
Architect's Seal

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MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

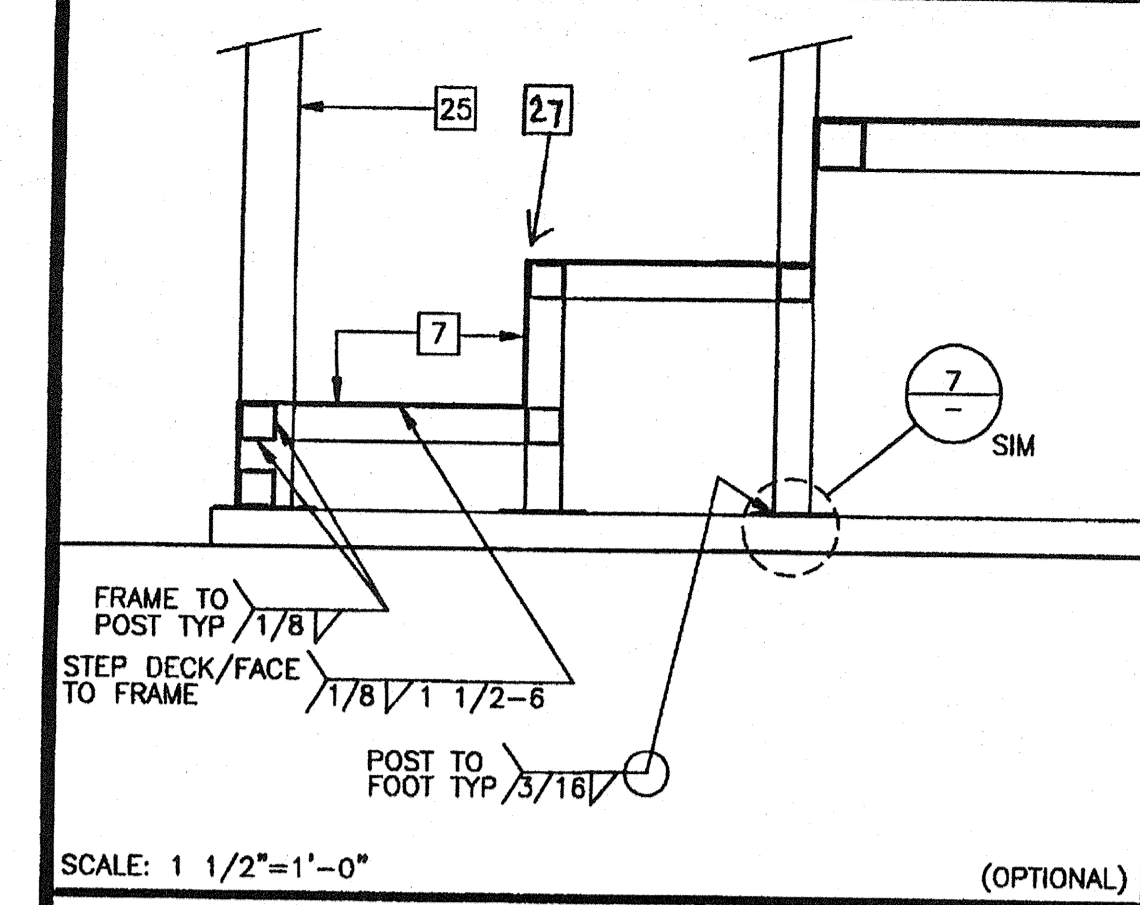
PROJECT NUMBER: 4373, 4375, 4438, 4438 © MODTECH, INC. 2002

4474, 4505, 4525

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4/12/12

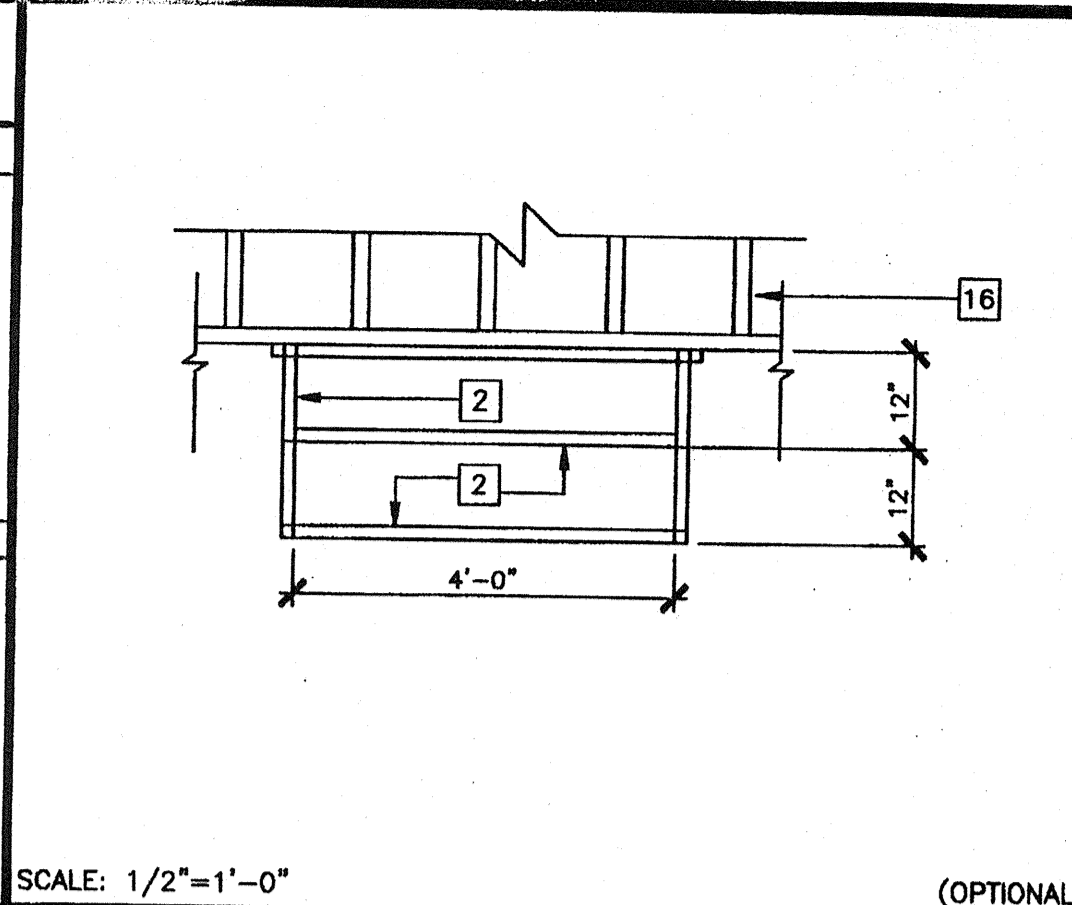
MODTECH Index No.
R1.01

PROJECT NO. 4373
PC-04-101268
FILE PATH: 2440-RT.01.DWG



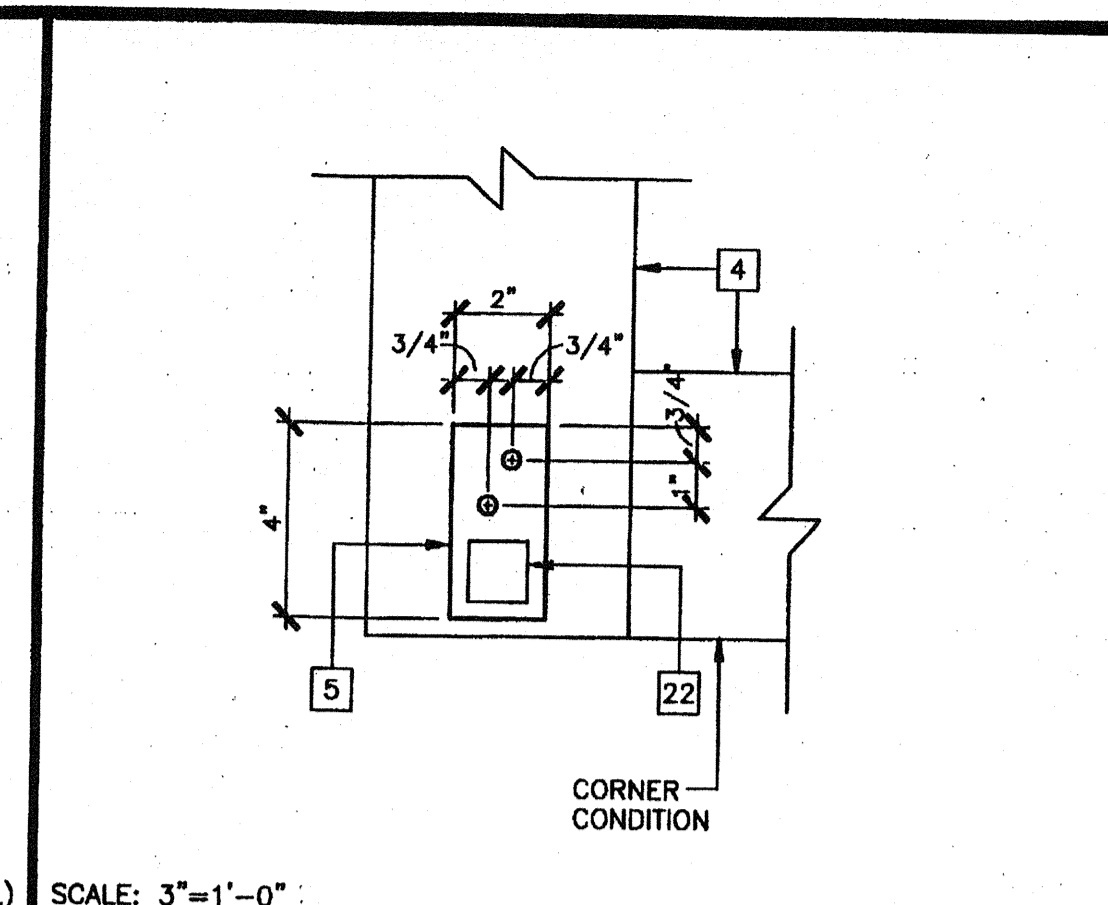
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16 STAIR SECTION



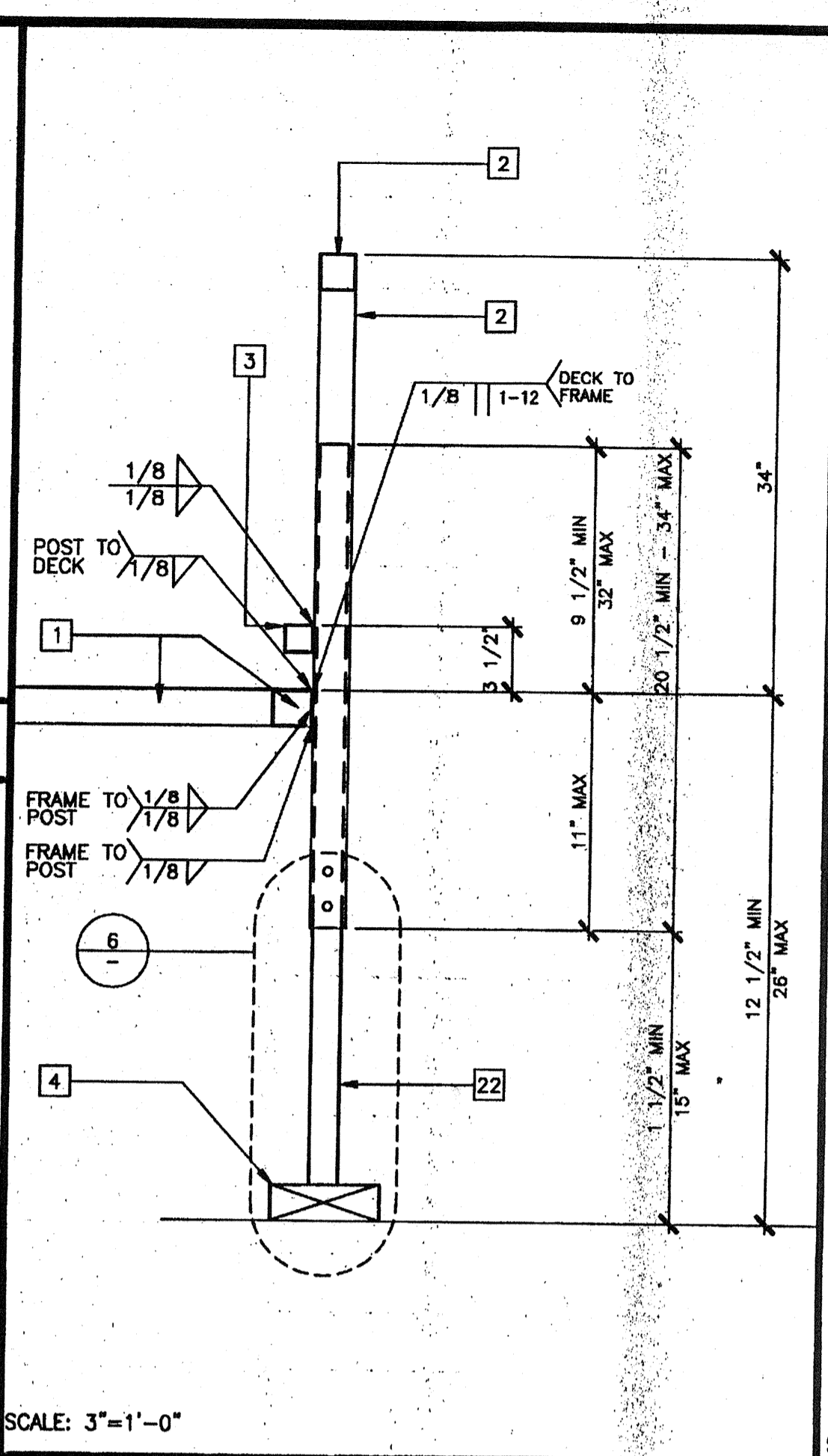
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16 STAIR FRAMING PLAN



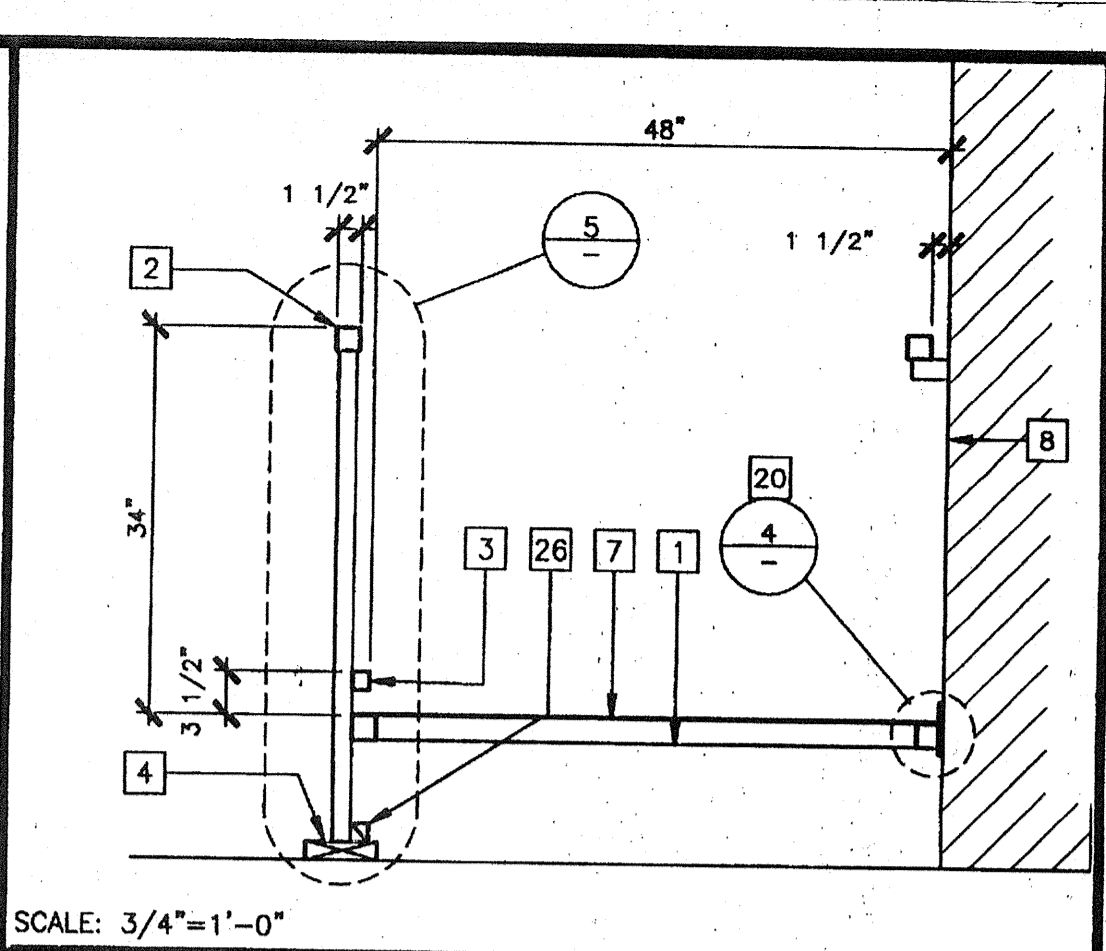
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8 ADJUSTABLE LEG BASE PLATE



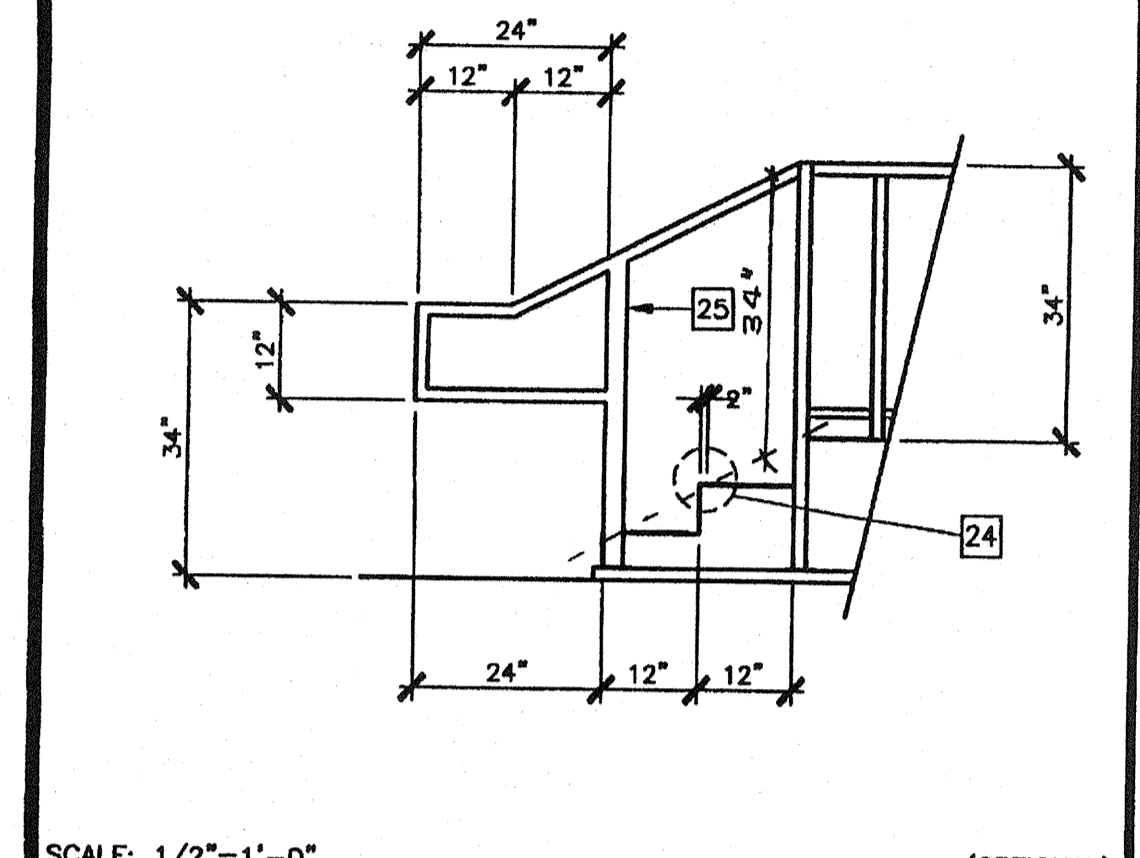
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5 ADJUSTABLE LEG



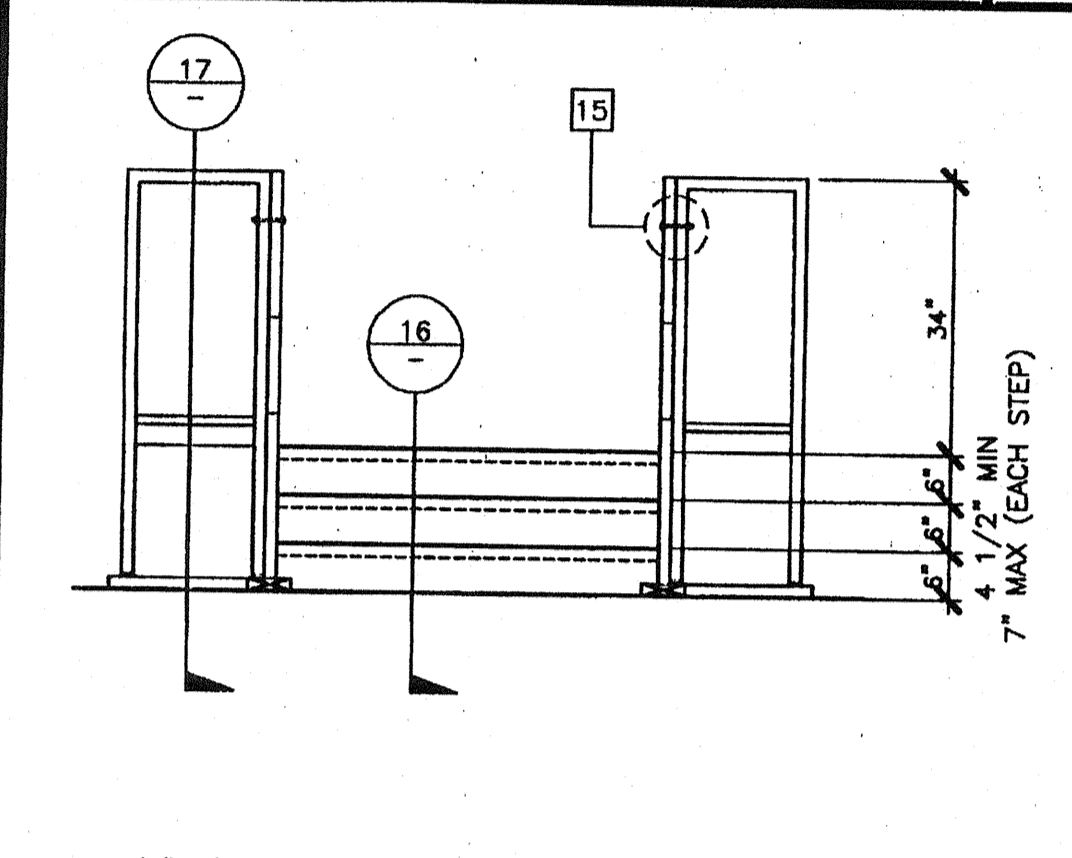
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1 SECTION AT RAMP



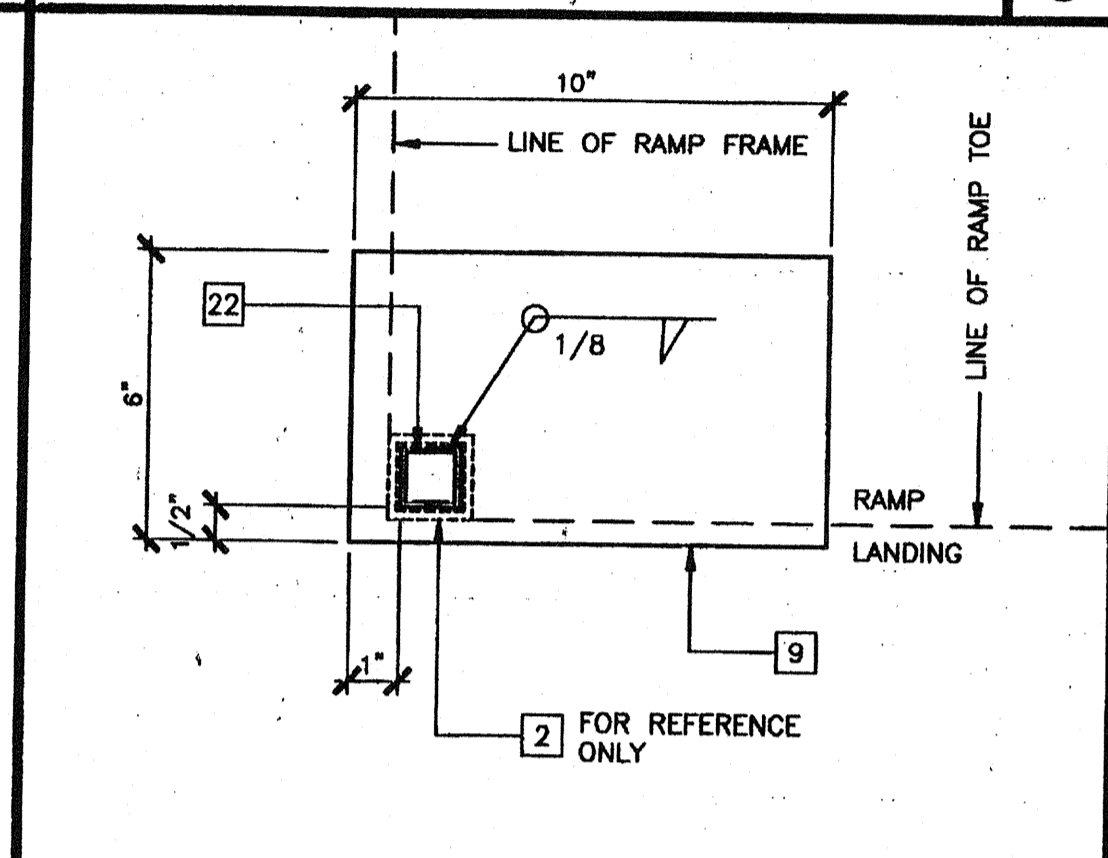
SCALE: 1/2"=1'-0" (OPTIONAL)

17 STAIR ELEVATION



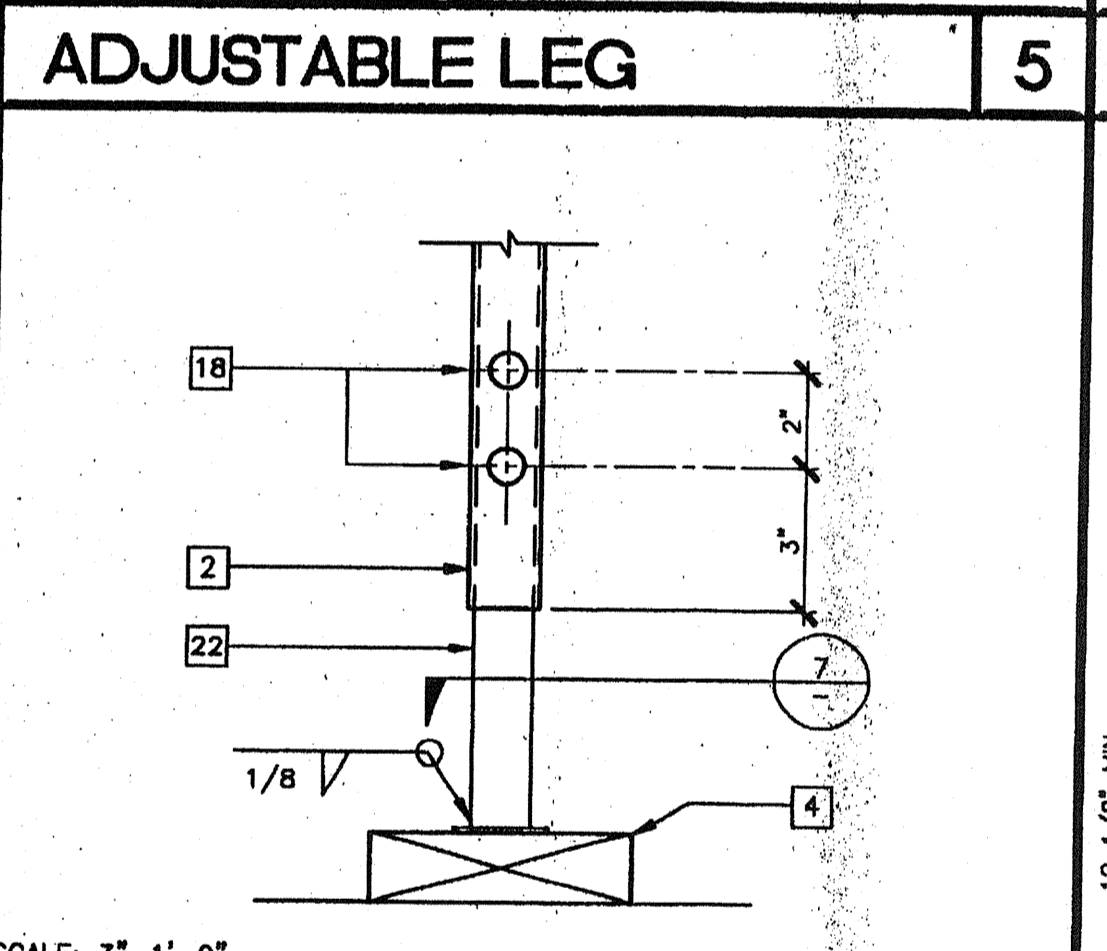
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13 STAIR ELEVATION



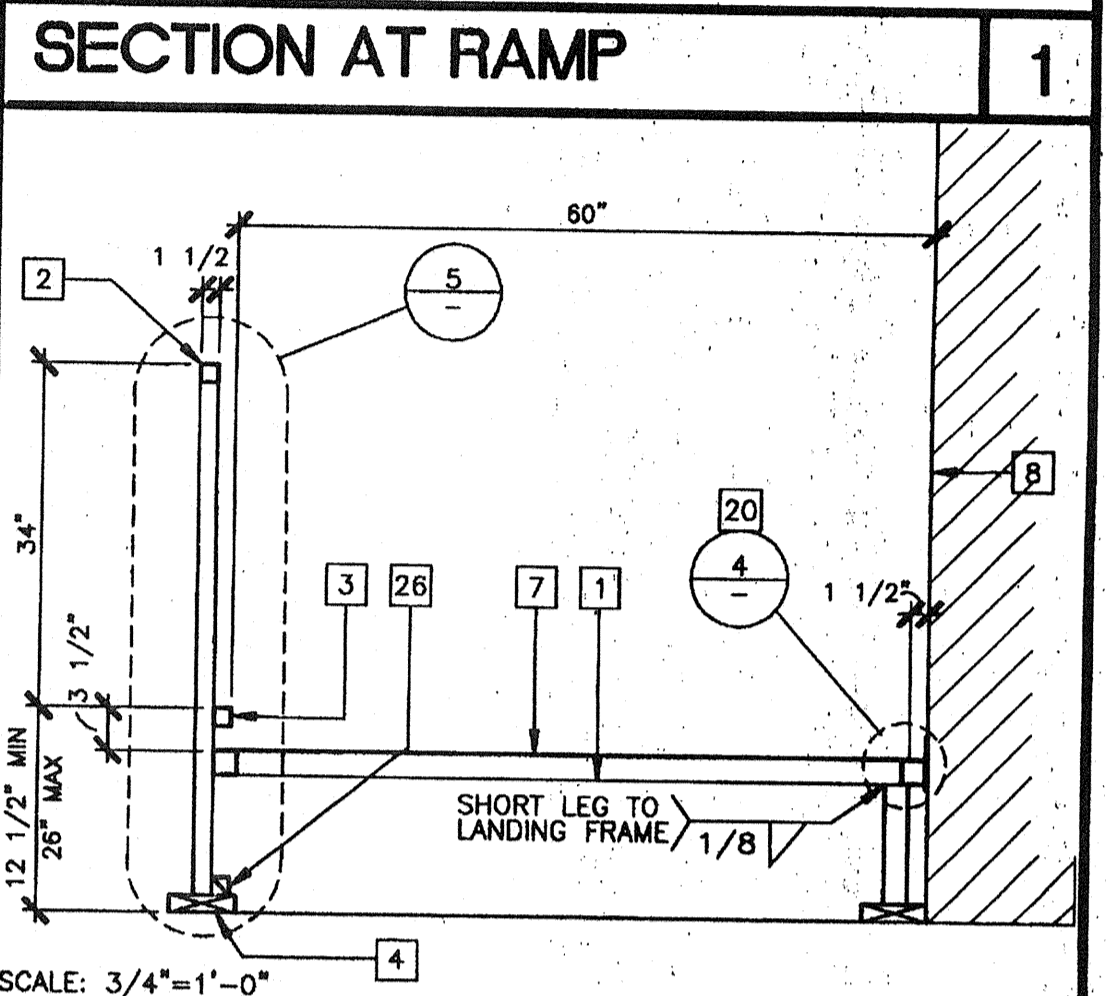
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9 BASE PLATE AT RAMP TOE



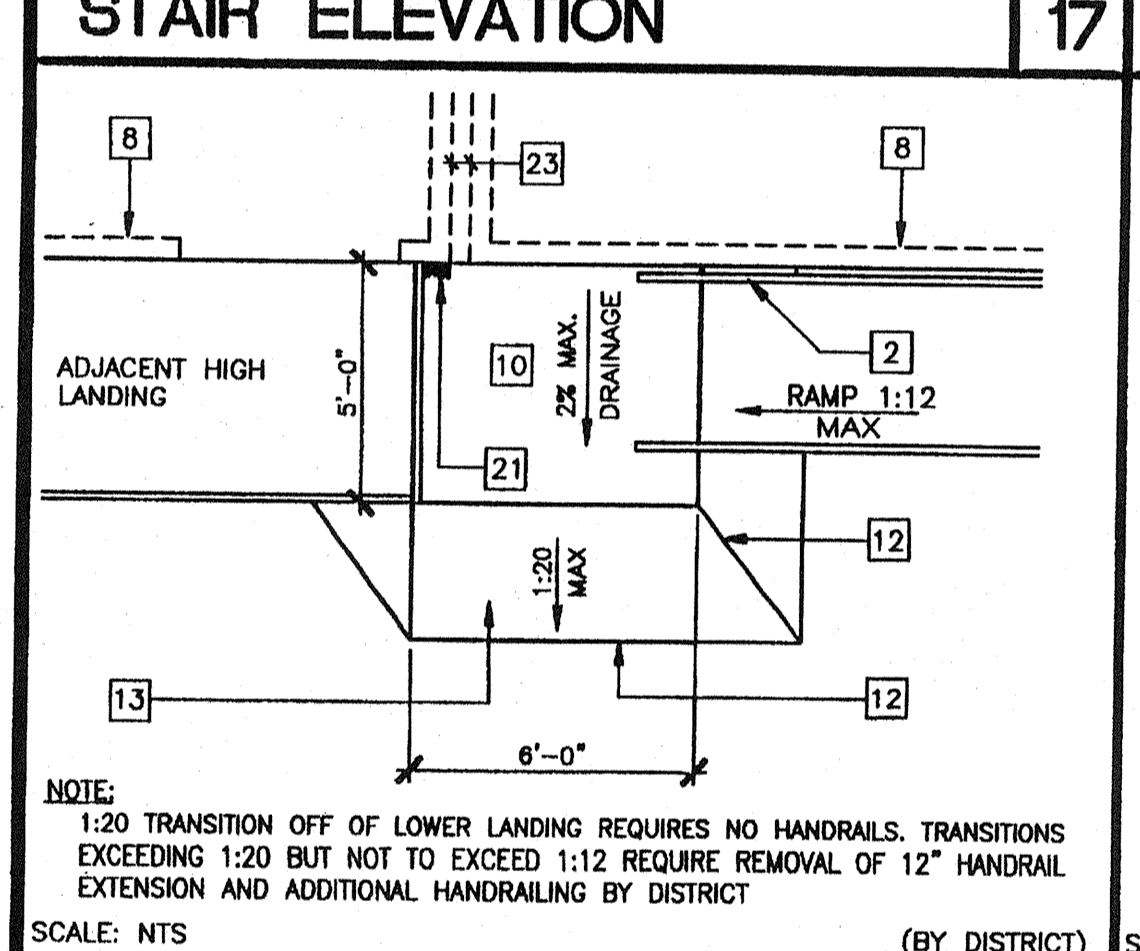
SCALE: 3"=1'-0"

6 ADJUSTABLE LEG



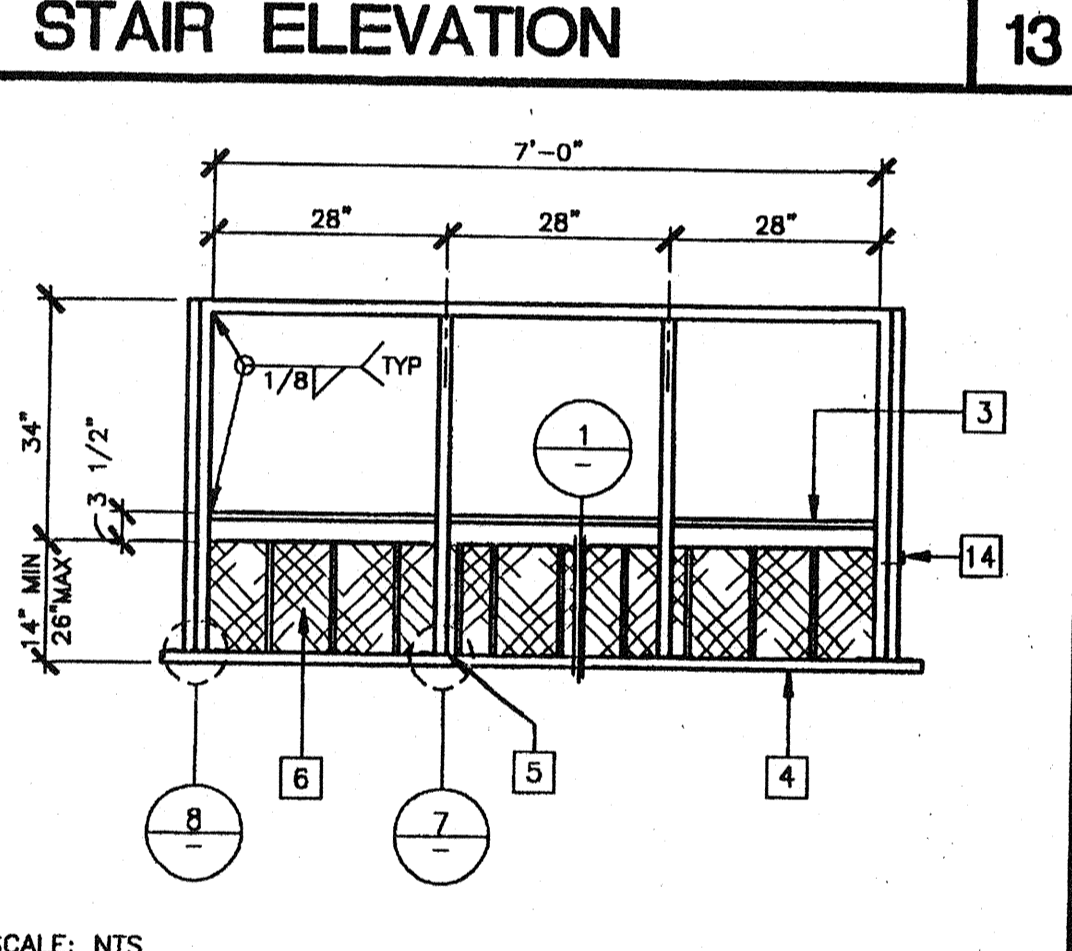
SCALE: 3/4"=1'-0"

2 SECTION AT LANDING



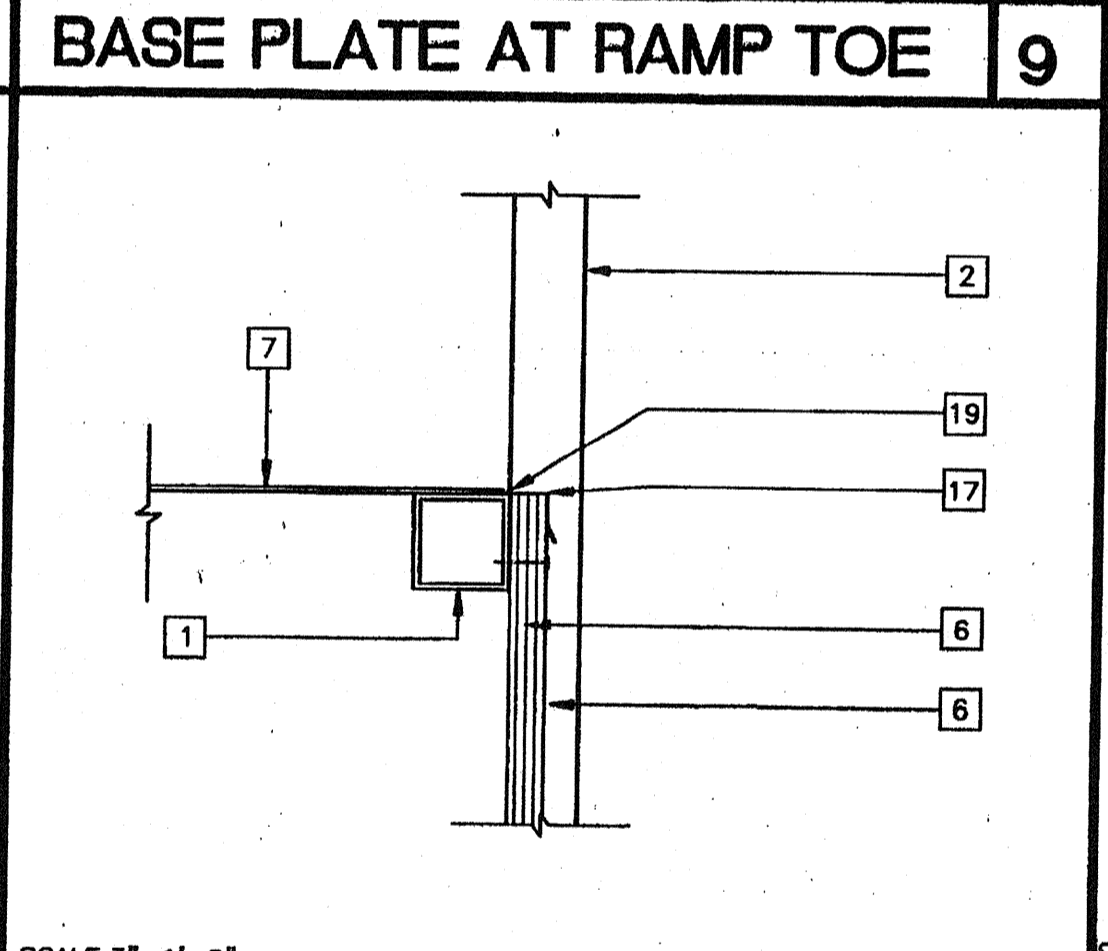
SCALE: NTS (BY DISTRICT)

18 RAMP TRANSITION



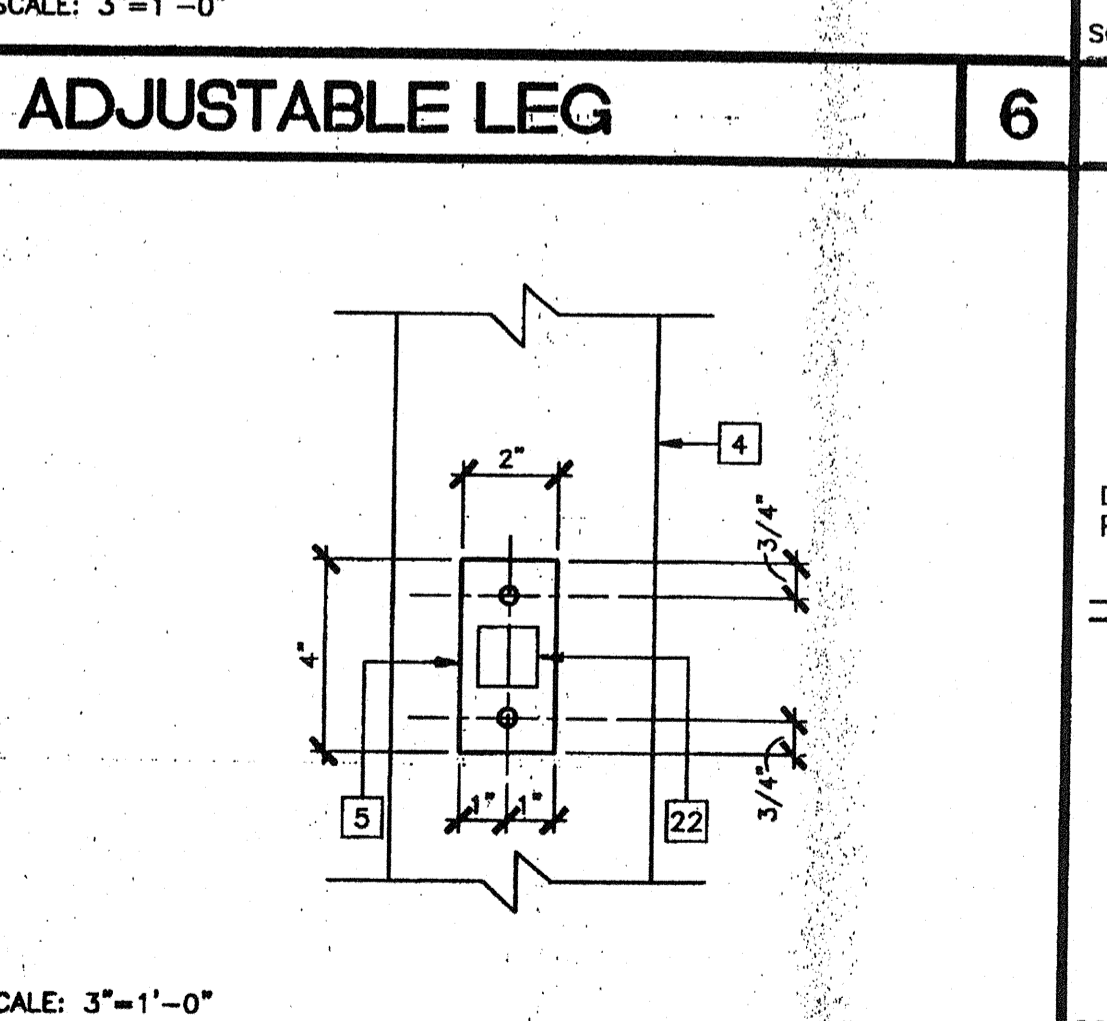
SCALE: NTS

14 LANDING ELEVATION



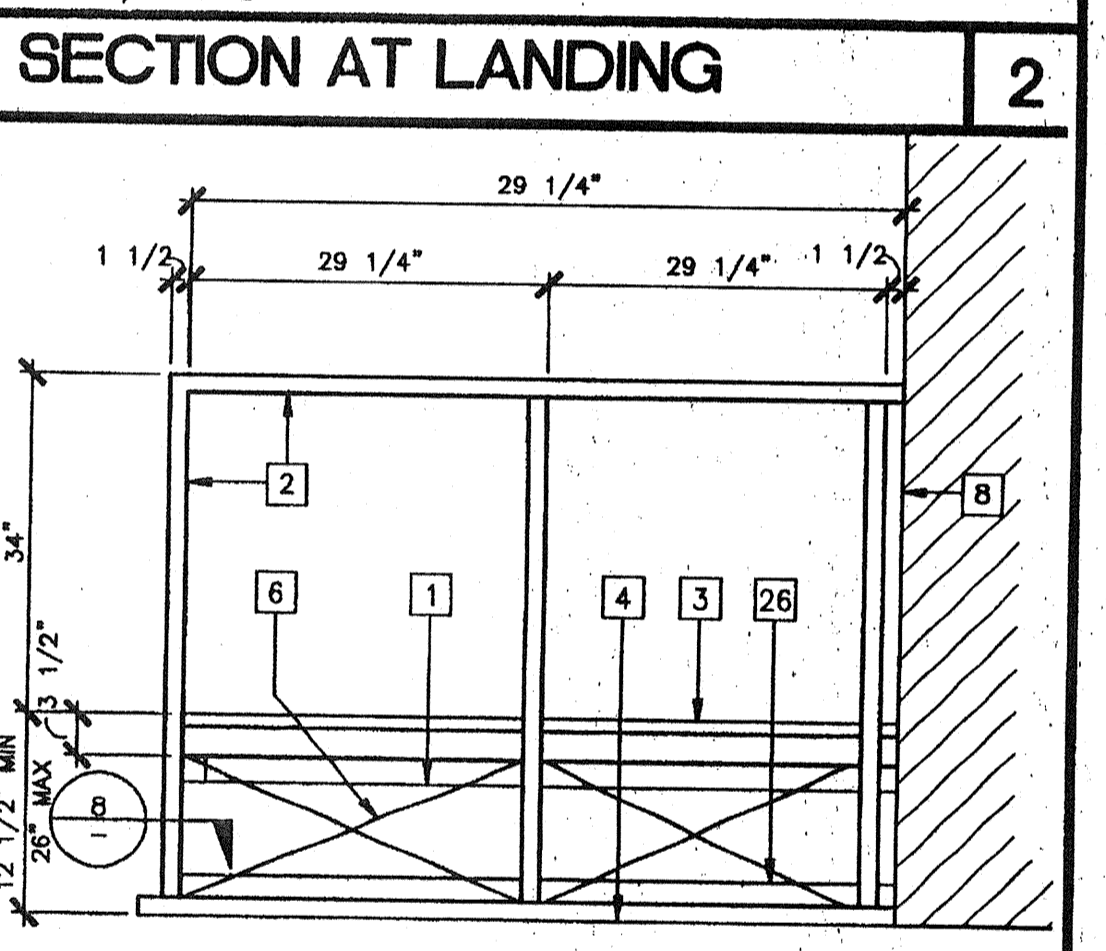
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10 SKIRT FLASHING



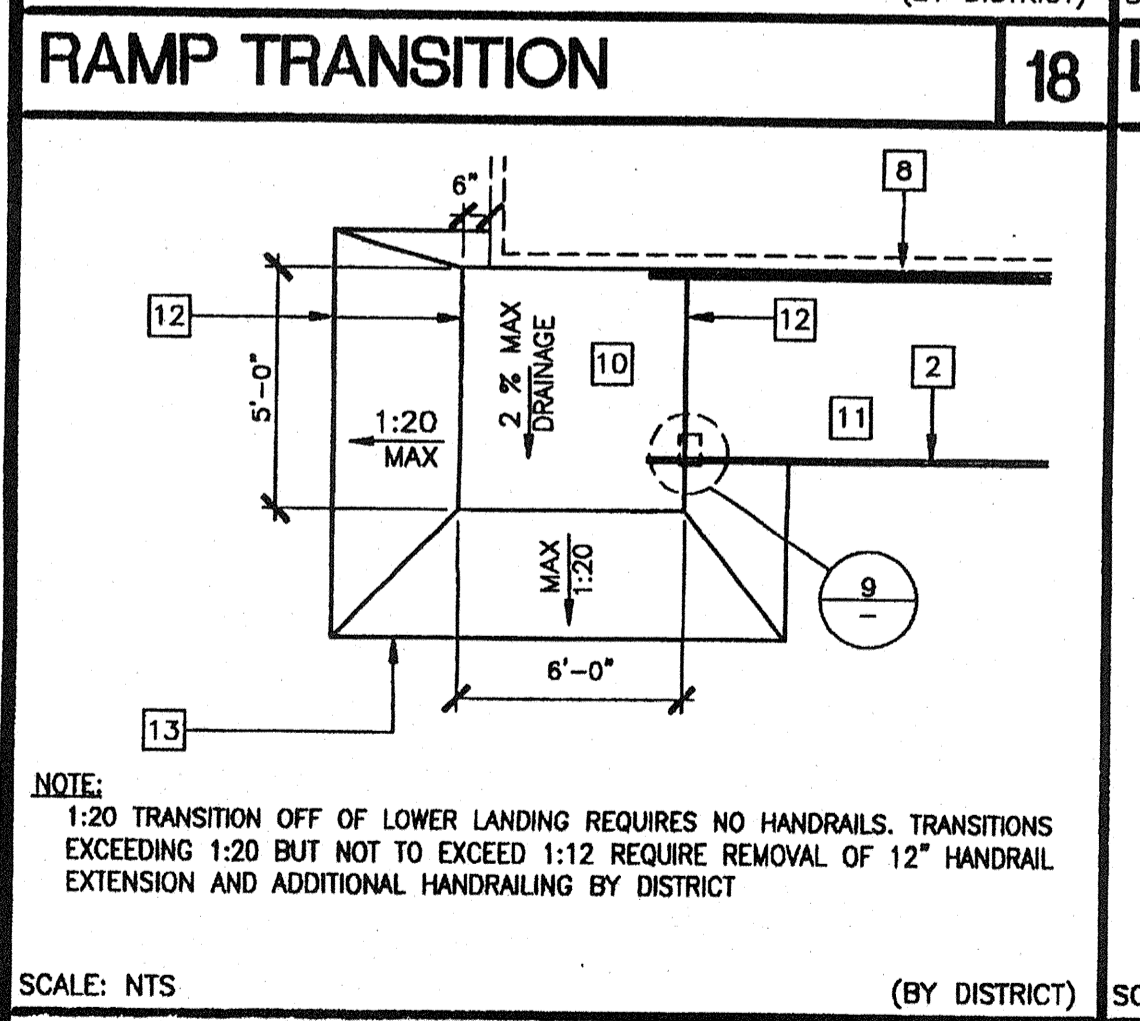
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7 ADJUSTABLE LEG BASE PLATE



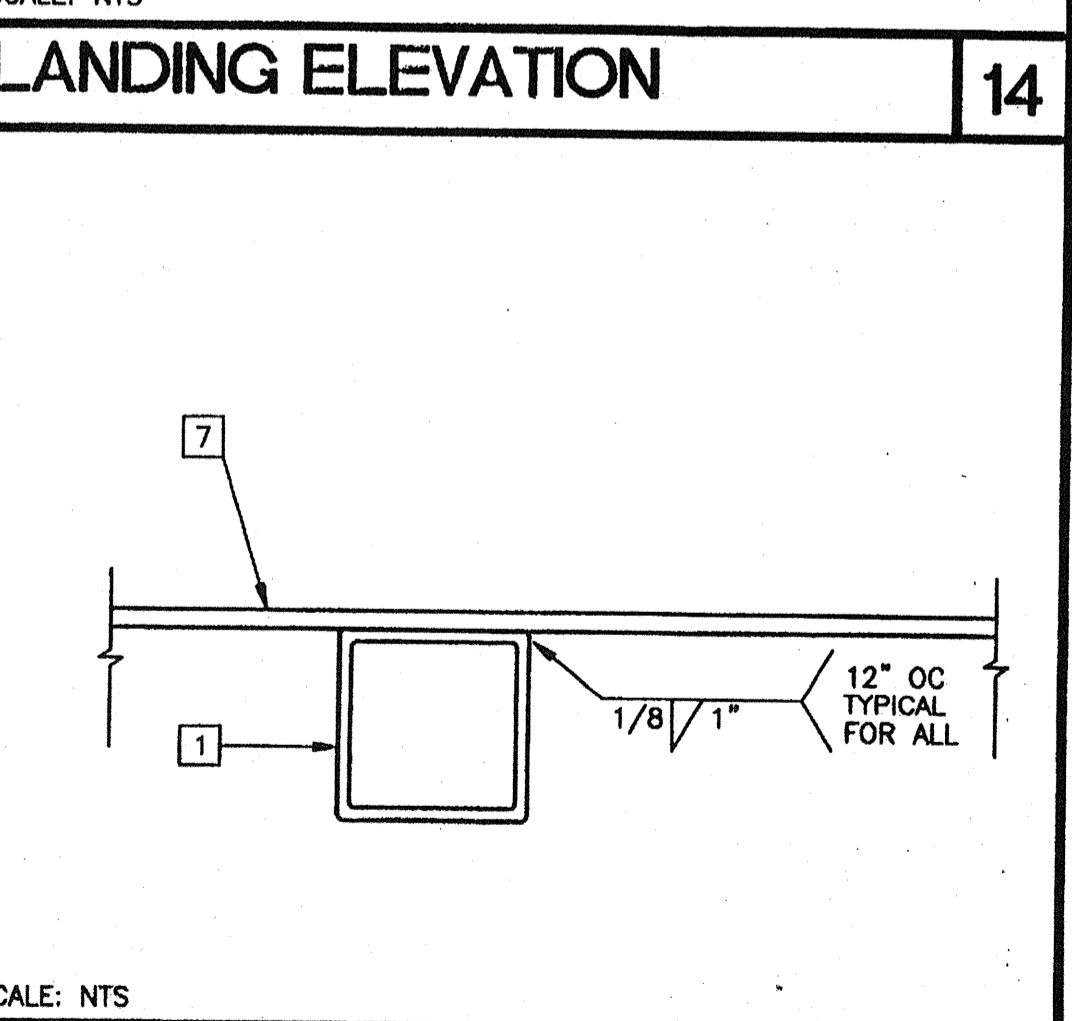
SCALE: 3/4"=1'-0"

3 END ELEVATION



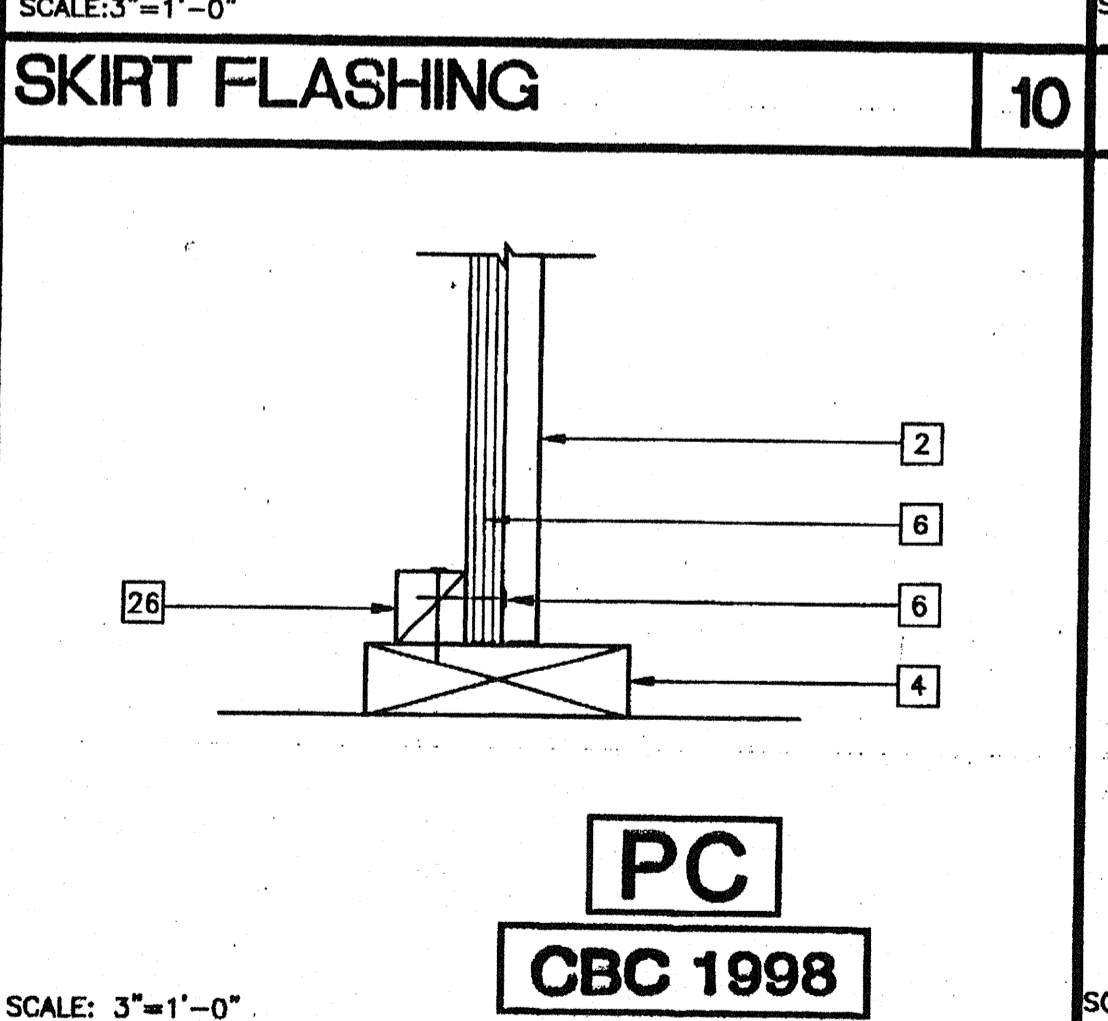
SCALE: NTS (BY DISTRICT)

19 RAMP TRANSITION



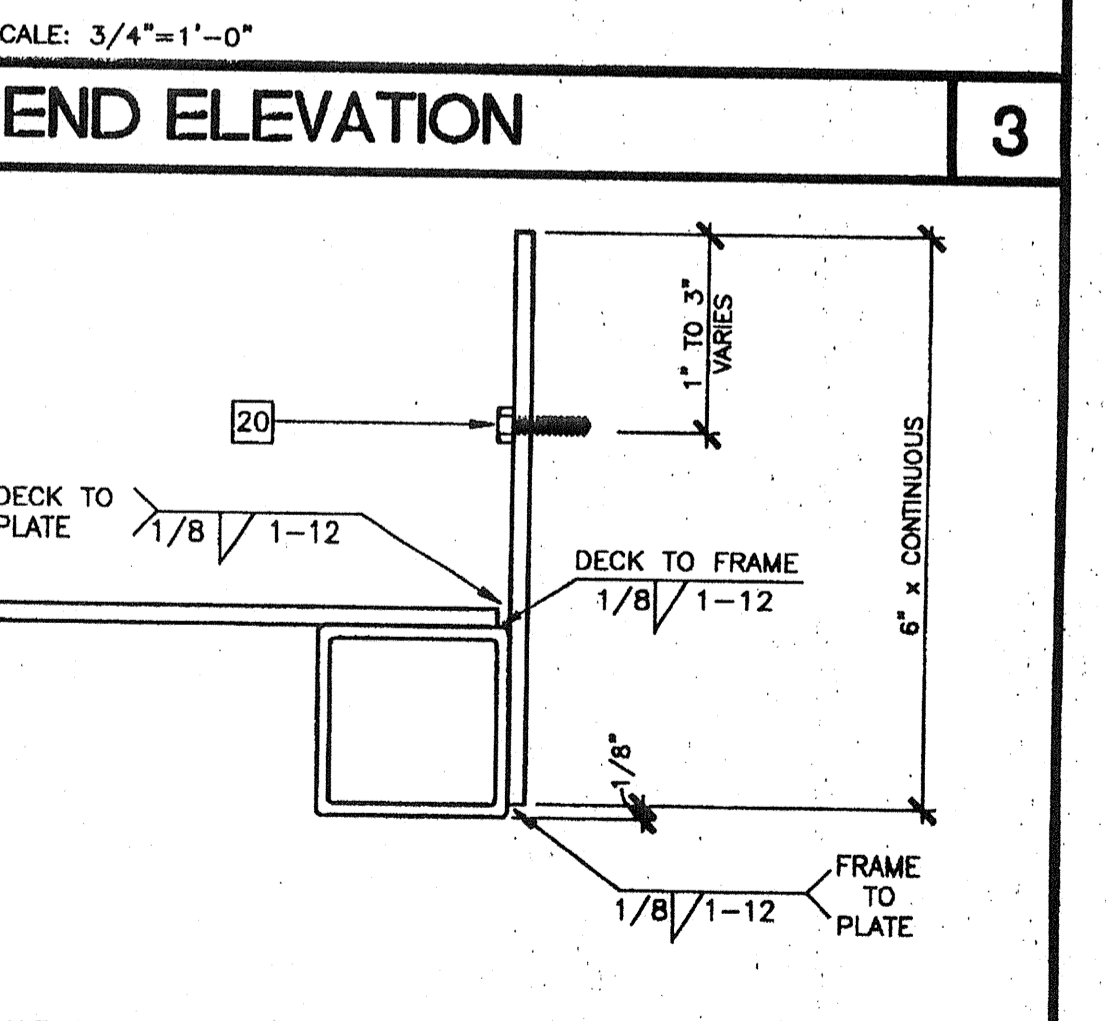
SCALE: NTS

15 SECTION AT INTERIOR FRAME



SCALE: 3"=1'-0"

11 SKIRT AT SILL PLATE



SCALE: NTS

4 SECTION AT PLATE

REVISIONS	

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Structural Engineer's Seal
Architects Seal

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MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

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DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.
R1.02

- ### KEY NOTES
- TS 2"x2"x14 GA
 - TS 1 1/2"x1 1/2"x14 GA (Fy = 39 KSI) ROUNDED OR BEVELED AT CORNERS.
 - TS 1"x1"x16 GA WHEELCHAIR GUIDE
 - 2"x6" PRESSURE TREATED SILL PLATE
 - 2"x4"x12 GA BASE PLATE WITH 2-1/4"x1" LAGS
 - SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH WITH 8d AT 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO TS. USE #14x2" TEK SCREWS AT 6" OC
 - 12GA METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YR.
 - EXISTING BUILDING.
 - 6"x10"x12 GA BASE PLATE AT RAMP TOE.
 - LOWER LANDING BY DISTRICT
 - RAMP BY MODTECH
 - FLUSH TRANSITION
 - PAVE BY DISTRICT
 - 3"x1"x3"-0"x10 GA BENT PLATE
 - FASTEN POSTS WITH 3/8" DIA THRU BOLT, TYPICAL
 - RAMP LANDING, TYPICAL
 - 26 GA FLASHING
 - 3/8" DIAx2" LONG MB WITH NUT & WASHERS
 - CAULKING
 - 6"x10GA CONTINUOUS PLATE WITH #14x2" TEK SCREWS AT 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14x2" TEK SCREWS INTO METAL AT 9" OC
 - PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION. BY DISTRICT
 - TS 1 1/4"x1 1/4"x14 GA (Fy = 39 KSI)
 - 4" MINIMUM BUILDING SEPARATION
 - 2" SLIP RESISTANT WARNING STRIPES MAX 1" FROM EVERY STAIR NOSING. USE CONTRASTING COLOR.
 - TS 2 1/2"x1 1/2"x8 GA ASTM A500 GRADE A
 - 2"x2" NAILER WITH 16d AT 12" OC
 - PROVIDE ROUNDED OR BEVELED EDGES ON STAIR NOSING.

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