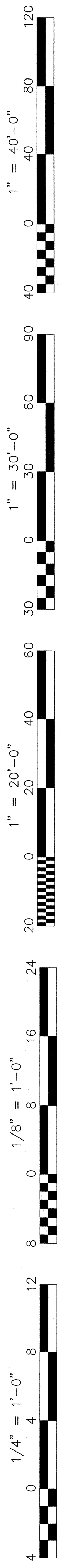


MCKINLEY ELEMENTARY SCHOOL

3 RELOCATABLE CLASSROOMS

BAKERSFIELD CITY SCHOOL DISTRICT

601 FOURTH STREET BAKERSFIELD, CA 93304

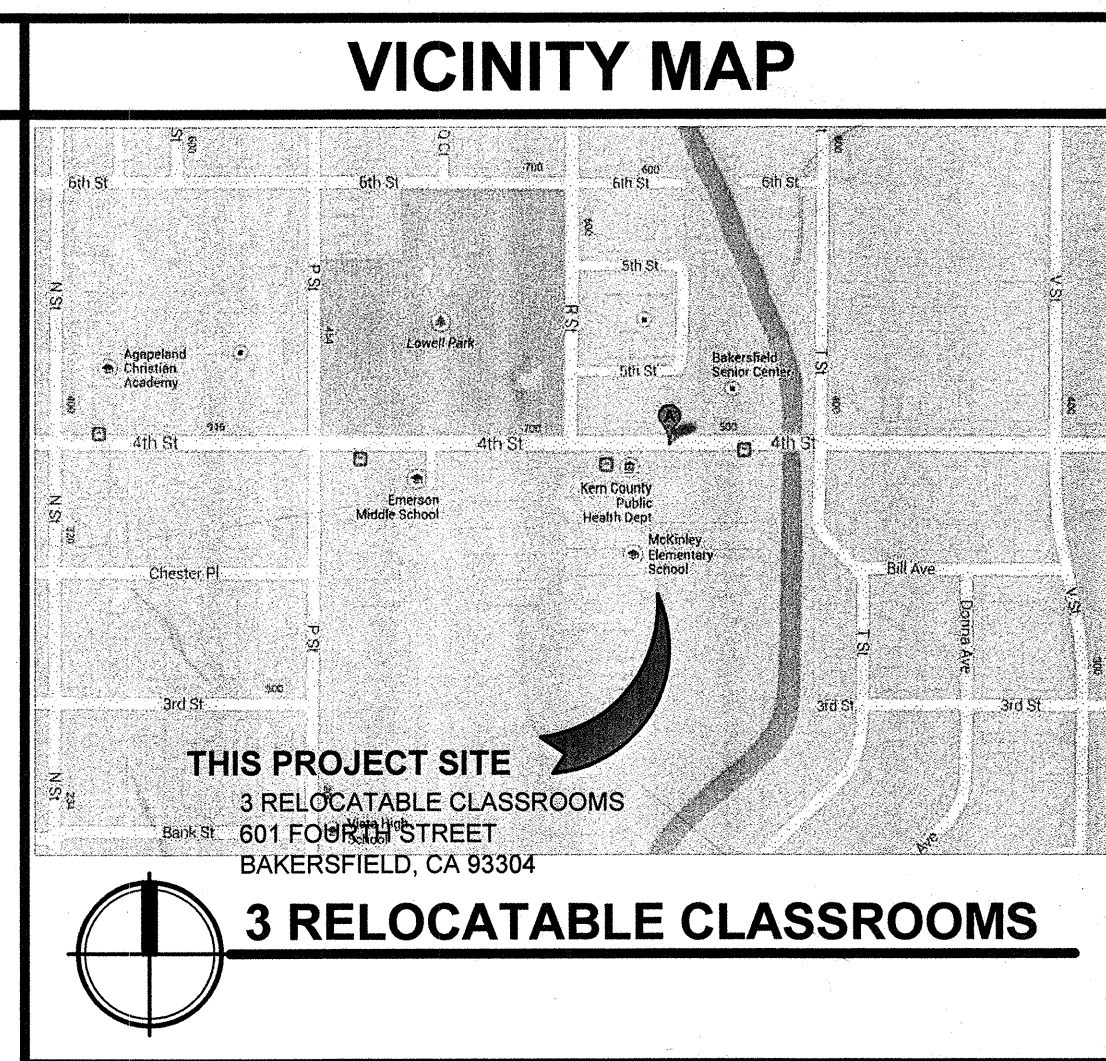


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ARCHITECTURE - ENGINEERING - INTERIOR DESIGN - CONSTRUCTION MANAGEMENT
6011 N. Fresno, Suite 130 - Fresno, California 93710
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www.integrateddesigns.com

Rev. Date: _____
Revision Description: _____

ABBREVIATIONS	
ABOVE FINISHED FLOOR ACCESSIBLE ACOUSTICAL ADJACENT ADJUSTABLE AIR CONDITIONING ALUMINUM ANCHOR BOLT BENT ANCHOR BOLT ANODIZED ARCHITECTURAL ASPHALT CONCRETE	ABV A.C.C. ACCOUST.,ACT. ADJ. ADJUST. A/C ALUM.,AL. AB. BAB. ANOD. ARCH. A.C.
BACKBOARD BEAM BENCH MARK BETWEEN BLOCK BOTTOM BUILDING BLDG.	BACKBRD. BM. BTWN. BLK. BTM.,BTM. BLDG.
CABINET CADMIUM CARPET CARRIAGE BOLT CAST IRON CEILING CEILING DIFFUSER CEILING GRILLE CEILING REGISTER CEM. CENTERLINE CERAMIC TILE C.T. CRT. C.O. CLR. C.W. COLUMN COMBINATION/COMBUSTION COMPOSITION, COMPOSITE CONC. CONCRETE CONCRETE MASONRY UNIT COND. CONNECTION CONSTRUCTION JOINT CONTINUOUS CONTRACTOR COORDINATE COUNTERSINK	CAB. CAD. OPT. C.B. C.I. CLG.,CEL'G. C.D. C.C. FLOOR FLUORESCENT CEM. C.L. C.T. CRT. C.O. CLR. C.W. COL. COMB. COMP. CONC. CONCRETE C.M.U. COND. CONN. CONST. G.I. CONT. CONTR. COORD. CSK.
DEPARTMENT DEPTH, DEEP DETAIL DIAGONAL DIAMETER DIMENSION DISPENSER/DISPOSAL DIV. DIVISION DR. DR. DBL DN. D.S. DOWNSPOUT DRAWING DRINKING FOUNTAIN	DEPT. D. DET.,DTL. DIAG. DIA. DIM. DISP. DIV. DR. DR. DBL DN. D.S. DOWNSPOUT DRAWING DRWG. D.F.
EACH ELECTRIC ELECTRIC DRINKING FOUNTAIN ELEVATION EQUIPMENT ESTIMATE EXHAUST EXHAUST FAN EXISTING EXPANSION EXPANSION JOINT EXTERIOR	EACH ELEC. E.D.F. ELEV.,EL. EQ. EQUIP. EST. EXH. E.F. (E) EXP. E.J. EXT.
FABRIC WALL COVERING FACE OF BLOCK FACE OF CONCRETE FACE OF STUD FACE OF WALL FACTORY FINISH FEET/FOOT F.F. F.N.D. FIBER GLASS FINISH FIRE EXTINGUISHER CABINET FIRE RATED GYP. BD. FIXED GLASS FLAT HEAD FLOOR FLOOR DRAIN FLUORESCENT 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.C.,FIBERGL. F.M. F.E.C. F.R.G.B. F.C. F.H. FLR. F.D. FLUOR. FTG. FDN. FRM'G.
GAGE/GAUGE GALVANIZE GALVANIZED IRON GLASS GRAB BAR GRADE GROUND GYPSUM GYPSUM BOARD	GA. GALV. G.I. GL. G.B. GR. GND. GYP. G.B.,GYP.BD.
HARDWARE HEAD HEADER HT.,H. H.M. HORIZ. HORIZ. HOT WATER HOSE BIBB	HDW.,HDWR. HD. HDR. HT.,H. H.M. HORIZ. HORIZ. H.W. H.B.
INCH INSIDE DIAMETER/DIMENSION INSULATION INSUL. INTERIOR	IN. I.D. INSUL. INSUL. INT.
JAMB JOINT	JB. JT.
LAMINATE LAVATORY LEFT HAND LINOLEUM LONG	LAM. LAV. L.H. 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. MENE. MTL. 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) O/F OVERFLOW OVERHAND	O.H. OPP. O.C. OPG. O.D. O.H. O/F OVFL. OH.
PAINT PAIR PAPER TOWEL DISPENSER PLAS. PLATE PLATED PLUMBING PLYWOOD POINT POINT OF CONNECTION POUND POUND PER SQ. FOOT POUND PER SQ. INCH QUARTER	PA. PR. P.T.D. PLAS. PL. PLT. PLBG. PLYWD. PT. P.O.C. LB.,# P.S.I. QTR.
RADIUS RAINWATER LEADER RECEPTACLE REFLECTED REFRIGERATOR REINFORCING REMOVABLE REQUIRED RESIDENT REVISION RIGHT HAND ROOF DRAIN RUBBER TOPSET BASE	R.,RAD. R.W.L. RECEPT. REFLD. REF. 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 & AIR 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. SHTG. SHT. S.M. S.MACNA S.M.S. SH. SML.,SIM S. S.D. SPEC. SPL. S.B. SQ. S.S. STD. STL. STOR. STIFF. STRUCT.,ST. SUSP. SUSPENDED ACOUSTIC CEILING TILE SW.
TELEPHONE THICK THRESHOLD TOILET PAPER TOILET PAPER HOLDER TOLERANCE TRANSFORMER TYPICAL UNDERWRITERS LABORATORY UNLESS OTHERWISE NOTED URNAL	TEL.,TELE. THK. THR. T.P. T.P.H. TOL. TRANS. TYP. U.L. U.O.N. UR.
VENTILATE/VENTILATION VENT THROUGH ROOF VERIFY IN FIELD VERTICAL VINYL COMPOSITION TILE VINYL WALL COVERING VOLUME	VENT. V.T.R. V.I.F. VERT. V.C.T. V.W.C. VOL.
WATER CLOSET WATER PROOF WATER RESISTANT WIDTH WIRE GLASS WITH WITHOUT WOOD WOOD SCREWS	W.C. W.P. W.R. W. W.GL. W/ W/O WD. 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

SCOPE OF WORK

- RELOCATION OF (3) PORTABLE CLASSROOM BUILDINGS AND METAL RAMPS AND CONSTRUCTION OF UTILITY SERVICES ON AN EXISTING ELEMENTARY SCHOOL CAMPUS.
- CLASSROOMS TO BE RELOCATED FROM AN OFF-SITE STOCKPILE AND TO BE USED STRICTLY FOR TEMPORARY USE.
- CONSTRUCTION OF WOOD FOUNDATIONS FOR (3) PORTABLE BUILDINGS

SHEET INDEX	
SHT. NO. DESCRIPTION	
GENERAL	
T1.01	TITLE SHEET
CIVIL	
1	TOPOGRAPHIC MAP - EXISTING CONDITIONS
ARCHITECTURAL	
A1.01	SITE PLAN
A1.01 LFA	REFERENCE SITE PLAN - FIRE MARSHAL APPROVAL
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
INSPECTOR OF RECORD	
A.0	COVER SHEET
A1.1	FLOOR PLAN
A4.01	EXTERIOR ELEVATIONS
S1.2	STRUCTURAL FRAMING
E1.03	ELECTRICAL PLAN
R1.02	RAMP / LANDING DETAILS
R5.01	RAMP / LANDING
F1.0	FOUNDATION PLAN (PC# 04-112161)
F2.0	FOUNDATION DETAILS (PC# 04-112161)
APPLICABLE CODES:	
COMPLY WITH PART 1, TITLE 24, 2010 CCR. 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, 2010 CBC (2009 IBC, WITH CALIFORNIA AMENDMENTS).	
TITLE 24, CCR, PART 3, 2010 CEC (2008 NEC, WITH CALIFORNIA AMENDMENTS).	
TITLE 24, CCR, PART 4, 2010 CMC (2009 UMC, WITH CALIFORNIA AMENDMENTS).	
TITLE 24, CCR, PART 5, 2010 CPC (2009 UPC, WITH CALIFORNIA AMENDMENTS).	
TITLE 24, CCR, PART 6, 2010 CEC	
TITLE 24, CCR, PART 9, 2010 CFC (2009 IFC, WITH CALIFORNIA AMENDMENTS).	
TITLE 19, CCR.	
NFPA 72, 2010 EDITION (AS PER CA AMENDMENTS)	
STOCKPILE # 04-105455 - 24'x40' RELOCATABLE BUILDING BY "MODTECH INC." (STKP-76)	
A.0	COVER SHEET
A1.0	FLOOR PLAN
AA3.0	EXTERIOR ELEVATIONS
S4.0	STRUCTURAL DETAILS
E1.0	ELECTRICAL PLAN
R1.0	RAMP / LANDING PLANS
R2.0	RAMP / STAIR DETAILS
F1.0	FOUNDATION PLAN (PC# 04-111441)
F2.0	FOUNDATION DETAILS (PC# 04-111441)
STOCKPILE # 04-100929 - 24'x40' RELOCATABLE BUILDING BY "MODTECH INC." (STKP-42)	
A.0	COVER SHEET
A1.0	FLOOR PLAN
AA3.0	EXTERIOR ELEVATIONS
S4.0	STRUCTURAL DETAILS
E1.0	ELECTRICAL PLAN
R1.0	RAMP / LANDING PLANS
R2.0	RAMP / STAIR DETAILS
F1.0	FOUNDATION PLAN (PC# 04-111441)
F2.0	FOUNDATION DETAILS (PC# 04-111441)

BUILDING DATA

OCCUPANCY = E
TYPE OF CONSTRUCTION = VB (NON-SPRINKLERED)
TEMP CLASSROOMS
3 CLASSROOMS @ 960 S.F. (24'x40') EA. = 2,880 S.F.
PER 2010 C.B.C. TABLE 503:
ALLOWABLE AREA = 9,500 S.F.
2,880 PROPOSED < 9,500 ALLOWABLE = OK

CERTIFICATION STATUS

WORK PERFORMED UNDER DSA APPLICATION #02-111612, UPON WHICH THIS APPLICATION RELIES, TO BE COMPLETED AND CLOSED WITH CERTIFICATION PRIOR TO COMPLETION OF THIS PLAN SET'S SCOPE OF WORK.

THIS INCLUDES BUT IS NOT LIMITED TO ADA PARKING AND RESTROOM LOCATIONS.

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

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 APRIL 24, 2012.

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

SYMBOLS

SECTION KEY
SECTION IDENTIFICATION
SHEET NUMBER

DETAIL KEY
DETAIL NUMBER
SHEET NUMBER

INTERIOR ELEVATION KEY
ELEVATION DIRECTION
ELEVATION IDENTIFICATION
SHEET NUMBER

ELEVATION DATUM
INDICATES HEIGHT IN RELATION TO 0'-0"

ROOM NUMBER / FINISH TAG
ROOM NAME
ROOM NUMBER

WINDOW SCHEDULE KEY

KEYNOTE SCHEDULE KEY

DOOR SCHEDULE KEY

TITLE SHEET

MCKINLEY ELEMENTARY SCHOOL
3 RELOCATABLE CLASSROOMS
BAKERSFIELD CITY SCHOOL DISTRICT
601 FOURTH STREET BAKERSFIELD, CA 93304

Issue Date: 11/01/13
Date: 11/04/13
Design: _____
DR: _____
PC: CUM

Agency Approval Stamp:

FILE #: 15-6
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-115336
AC, AE, FS, FL, SS, ED
DATE: 08/20/14
TRACKING #: 63321-126

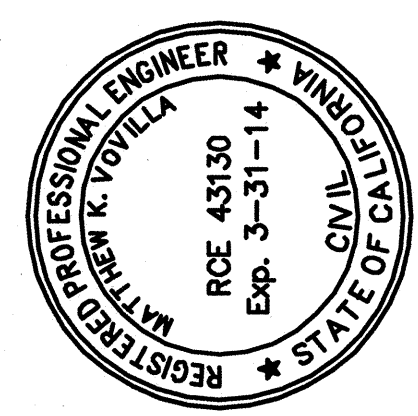
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Job No.: **5084**

Sheet No.: **T1.01**

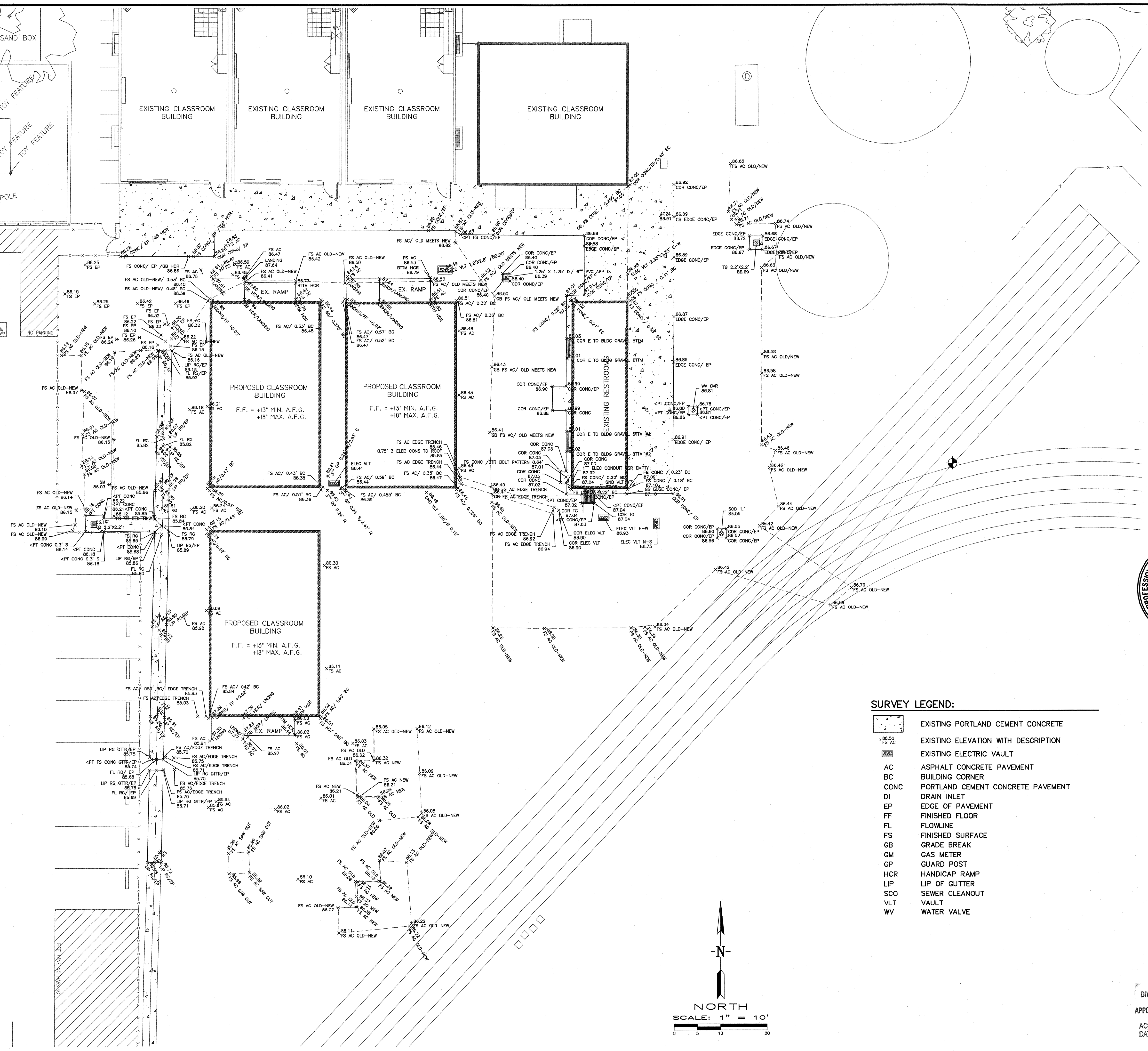
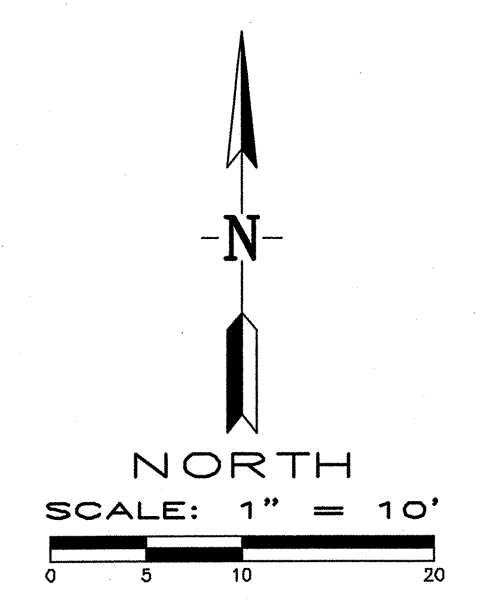
Release: _____

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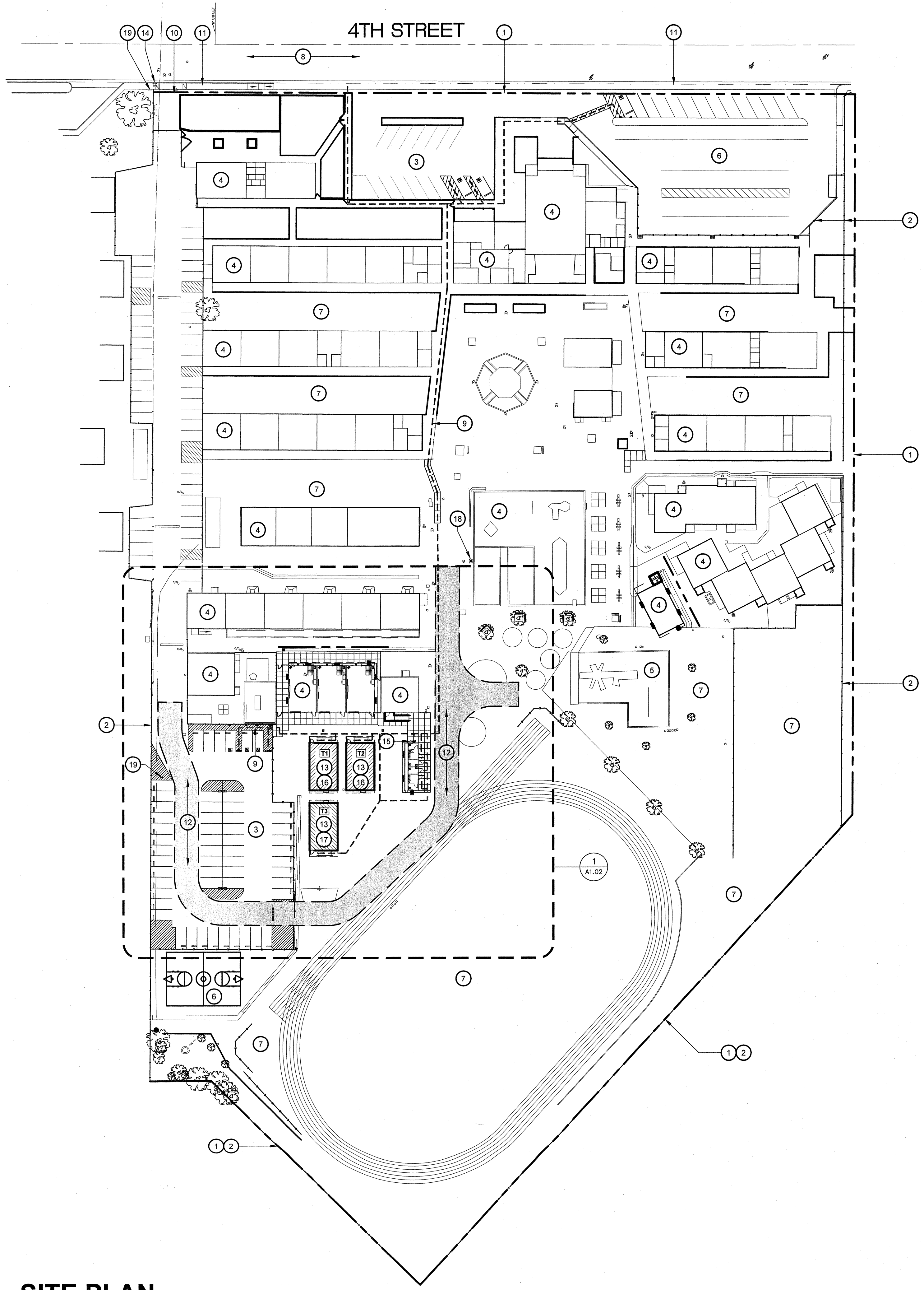
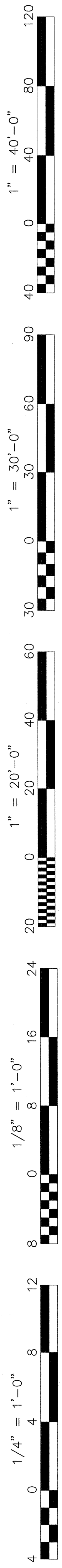


SURVEY LEGEND:

- EXISTING PORTLAND CEMENT CONCRETE
- EXISTING ELEVATION WITH DESCRIPTION
- EXISTING ELECTRIC VAULT
- AC ASPHALT CONCRETE PAVEMENT
- BC BUILDING CORNER
- CONC PORTLAND CEMENT CONCRETE PAVEMENT
- DI DRAIN INLET
- EP EDGE OF PAVEMENT
- FF FINISHED FLOOR
- FL FLOWLINE
- FS FINISHED SURFACE
- GB GRADE BREAK
- GM GAS METER
- GP GUARD POST
- HCR HANDICAP RAMP
- LIP LIP OF GUTTER
- SCO SEWER CLEANOUT
- VLT VAULT
- WV WATER VALVE



IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APPOS 115336
 AC, IAF, FLS, JG, ED
 DATE JAN 6 2014



SITE PLAN
3 RELOCATABLE CLASSROOMS

SCALE: 1" = 50'

KEYNOTES		GENERAL NOTES	
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 AC-PAVING TO REMAIN	7. EXISTING LAWN / TURF TO REMAIN	8. EXISTING PUBLIC ROADWAY TO REMAIN
9. PROPOSED ACCESSIBLE PATH OF TRAVEL (P.O.T.) REFER TO ACCESSIBILITY NOTE ON SHEET A1.01	10. EXISTING DRIVE APPROACH TO REMAIN	11. EXISTING CONCRETE WALK TO REMAIN	12. PROPOSED 20' WIDE FIRE TRUCK ACCESS LANE
13. NEW TEMPORARY CLASSROOM FROM STOCKPILE ON WOOD FOUNDATION W/ METAL RAMPS INSTALLED PER MANUFACTURERS DRAWINGS	14. EXISTING FIRE HYDRANT TO REMAIN	15. EXISTING ACCESSIBLE DRINKING FOUNTAIN PER DSA APP. NO. 02-111612	16. NEW FOUNDATION PER PC #04-112161
17. NEW FOUNDATION PER PC #04-111441	18. EXISTING FIRE HYDRANT PER DSA APP #02-111612	19. EXISTING SITE ACCESS / TOW AWAY SIGN PER DSA APP #02-111612	
ACCESSIBILITY NOTES		GENERAL NOTES	
<p>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:</p> <ul style="list-style-type: none"> • AT LEAST 48" IN WIDTH, OR AS APPROVED BY CODE • FREE OF ABRUPT LEVEL CHANGES EXCEEDING 1/4" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES EXCEEDING 1/4" • 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 		<p>A. GENERAL CONTRACTOR SHALL FIELD VERIFY ALL SITE CONDITIONS PRIOR TO BID. IF ANY DISCREPANCIES ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED IN WRITING.</p> <p>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.</p> <p>C. GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY COMPACTION RETEST DUE TO INITIAL FAILURE.</p> <p>D. PROJECT INSPECTOR SHALL BE EMPLOYED BY THE OWNER, APPROVED BY THE RESPONSIBLE ARCHITECT AND DSA.</p> <p>E. A COPY OF TITLE-24, ALL PARTS APPLICABLE, TO BE KEPT AT THE JOB SITE AT ALL TIMES.</p> <p>F. ADDENDA SHALL BE SIGNED BY THE ARCHITECT (RESPONSIBLE IN CHARGE) AND APPROVED BY DSA.</p> <p>G. C.C.D.s SHALL BE SIGNED BY THE ARCHITECT (RESPONSIBLE IN CHARGE), OWNER AND APPROVED BY DSA.</p> <p>H. TESTING LAB SHALL BE EMPLOYED BY THE OWNER, APPROVED BY THE RESPONSIBLE ARCHITECT AND DSA.</p> <p>I. ALL WORK SURFACES DISTURBED OR DAMAGED BY THE CONSTRUCTION ACTIVITIES SHALL BE REPAIRED IN KIND, TEXTURED AND FINISHED TO MATCH ADJACENT SURFACES.</p> <p>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.</p> <p>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.</p> <p>L. GENERAL CONTRACTOR WILL BE RESPONSIBLE TO COORDINATE RELOCATABLE BUILDING DELIVERY DATES TO THE SCHOOL SITE WITH THE MFGR.</p> <p>M. THE GENERAL CONTRACTOR SHALL CONSTRUCT ALL NEW RELOCATABLE BUILDING FOUNDATIONS AS PER THE RELOCATABLE BUILDING MANUFACTURER'S DRAWINGS AND SPECIFICATIONS.</p> <p>N. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL HOOK-UPS TO THE RELOCATABLE BUILDINGS AFTER INSTALLATION HAS BEEN COMPLETED BY THE MANUFACTURER.</p> <p>O. 5'-0" DEEP x 5'-0" WIDE MINIMUM LANDINGS AT DOORWAYS SHALL BE AS DETAILED AND SHALL HAVE SLOPES (IN ANY DIRECTION) OF NOT GREATER THAN 1/4 IN 12 SLOPE. SLOPES SHALL BE AWAY FROM DOORWAYS.</p> <p>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.</p> <p>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. 11338.8.1.</p>	
LOCAL FIRE AUTHORITY REVIEW		LEGEND	
<p>AGENCY NAME: BAKERSFIELD CITY FIRE DEPARTMENT</p>		<p>INDICATES EXISTING BUILDING TO REMAIN (NO WORK)</p> <p>INDICATES NEW TEMPORARY BUILDING UNDER THIS APPLICATION</p> <p>INDICATES FIRE TRUCK ACCESS OVER AC PAVING</p> <p>HALF-TONE DASHED LINE INDICATES ACCESSIBLE PATH OF TRAVEL</p>	
<p>AGENCY ADDRESS: 601 N. F STREET, BAKERSFIELD, CA 93304</p> <p>AGENCY CONTACT: []</p> <p>AGENCY PHONE: []</p> <p>AGENCY FAX: []</p> <p>AGENCY EMAIL: []</p> <p>AGENCY WEBSITE: []</p> <p>AGENCY COMMENTS: []</p>		<p>Job No.: 5084</p> <p>Sheet No.: A1.01</p> <p>Released: -</p>	

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Rev. No.	Date	Description

SITE PLAN

MCKINLEY ELEMENTARY SCHOOL
3 RELOCATABLE CLASSROOMS

BAKERSFIELD CITY SCHOOL DISTRICT
 601 FOURTH STREET BAKERSFIELD, CA 93304

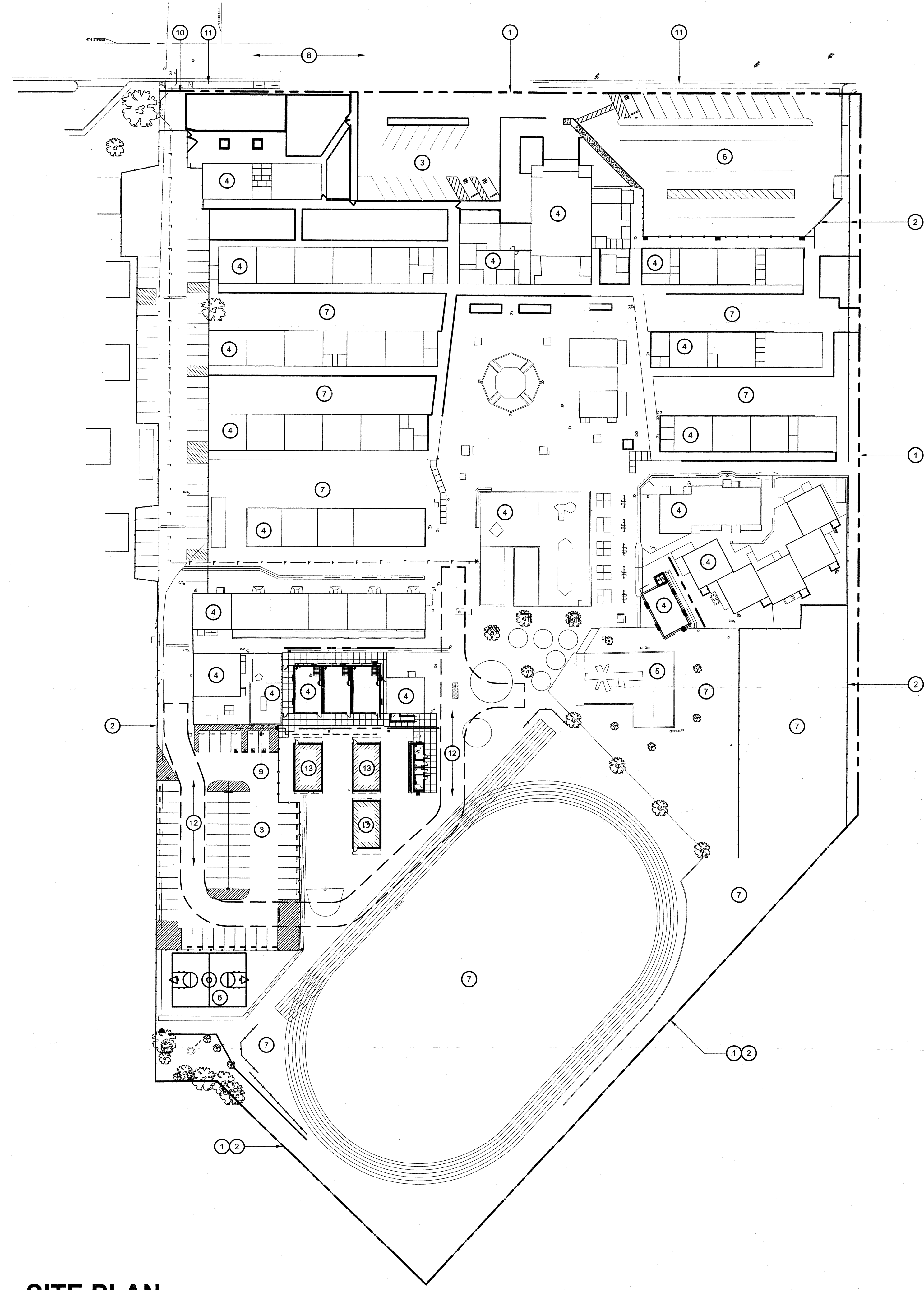
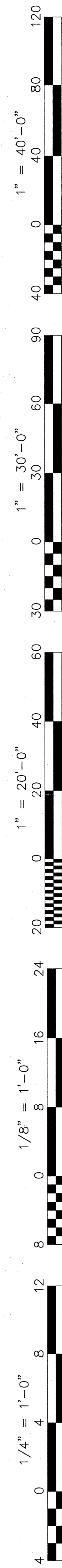
Issue Date: 11/01/13
 Date: 11/04/13
 Designer: []
 DFR: []
 PC: CJM

Agency Approval Stamp:

FILE #: 15-6
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 03-115336
 AC ME FLS SS []
 DATE: JAN 08 2014
 TRACKING #: 63321-126

Stamp(s):

REGISTERED ARCHITECT
 CURTIS E. FLYNN
 No. C 28966
 STATE OF CALIFORNIA



SITE PLAN
4 RELOCATABLE CLASSROOMS

SCALE: 1" = 50'

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 1/4" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES EXCEEDING 1/4"
 - 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

KEYNOTES

1. PROPERTY LINE
2. EXISTING CHAIN LINK FENCE TO REMAIN, VERIFY 10' MIN. HIGH SMOOTH SURFACE ON LOWER PORTION OF PUSH SIDE
3. EXISTING PARKING LOT AND STRIPPING TO REMAIN
4. EXISTING BUILDING TO REMAIN (NO WORK)
5. EXISTING PLAY AREA TO REMAIN (NO WORK)
6. EXISTING AC-PAVING TO REMAIN
7. EXISTING LAWN / TURF TO REMAIN
8. EXISTING PUBLIC ROADWAY TO REMAIN
9. PROPOSED ACCESSIBLE PATH OF TRAVEL (P.O.T.) REFER TO ACCESSIBILITY NOTE ON SHEET A1.01
10. EXISTING DRIVE APPROACH TO REMAIN
11. EXISTING CONCRETE WALK TO REMAIN
12. PROPOSED 20' WIDE FIRE TRUCK ACCESS LANE
13. NEW TEMPORARY CLASSROOM ON WOOD FOUNDATION W/ METAL RAMPS INSTALLED PER MANUFACTURER'S DRAWINGS
14. EXISTING FIRE HYDRANT TO REMAIN

GENERAL NOTES

- GENERAL CONTRACTOR SHALL FIELD VERIFY ALL SITE CONDITIONS PRIOR TO BID. IF ANY DISCREPANCIES ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED IN WRITING.
- 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.
- GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY COMPACTION RETEST DUE TO INITIAL FAILURE.
- PROJECT INSPECTOR SHALL BE EMPLOYED BY THE OWNER, APPROVED BY THE RESPONSIBLE ARCHITECT AND DSA.
- A COPY OF TITLE-24, ALL PARTS APPLICABLE, TO BE KEPT AT THE JOB SITE AT ALL TIMES.
- ADDENDA SHALL BE SIGNED BY THE ARCHITECT (RESPONSIBLE IN CHARGE) AND APPROVED BY DSA.
- CHANGE ORDERS SHALL BE SIGNED BY THE ARCHITECT (RESPONSIBLE IN CHARGE), OWNER, AND APPROVED BY DSA.
- TESTING LAB SHALL BE EMPLOYED BY THE OWNER, APPROVED BY THE RESPONSIBLE ARCHITECT AND DSA.
- ALL WORK SURFACES DISTURBED OR DAMAGED BY THE DEMOLITION WORK SHALL BE REPAIRED IN KIND, TEXTURED AND FINISHED TO MATCH ADJACENT SURFACES.
- 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.
- 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.
- GENERAL CONTRACTOR WILL BE RESPONSIBLE TO COORDINATE RELOCATABLE BUILDING DELIVERY DATES TO THE SCHOOL SITE WITH THE MANUFACTURER.
- THE GENERAL CONTRACTOR SHALL CONSTRUCT ALL NEW RELOCATABLE BUILDING CONCRETE FOUNDATIONS AS PER THE RELOCATABLE BUILDING MANUFACTURER'S DRAWINGS AND SPECIFICATIONS.
- THE GENERAL CONTRACTOR SHALL FURNISH AND INSTALL ALL NEW RELOCATABLE BUILDING PERIMETER SILL SHEET METAL FLASHING AFTER THE RELOCATABLE BUILDING IS SET IN PLACE.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL HOOK-UPS TO THE RELOCATABLE BUILDINGS AFTER INSTALLATION HAS BEEN COMPLETED BY THE MANUFACTURER.
- 5'-0" DEEP x 5'-0" WIDE MINIMUM CONCRETE LANDINGS AT DOORWAYS SHALL BE AS DETAILED AND SHALL HAVE SLOPES (IN ANY DIRECTION) OF NOT GREATER THAN 1/4 IN 12 SLOPE. SLOPES SHALL BE AWAY FROM DOORWAYS.
- 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.
- 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. 11338.8.1.

LOCAL FIRE AUTHORITY REVIEW

LOCAL FIRE AUTHORITY REVIEW

Local Fire Authority to be completed Sections 1-7 as applicable to the project, and sign below (Check Section 10 per law)

YES/NO/NA/NOT/REVISION

- Where an Elevator does not meet medical emergency services call-bills per 2010 California Building Code, the Local Fire Authority approves the use of elevators for emergency rescue and patient transport.
- Access Route: Access Route, Fire Lane Markings, signs and Gate Enclosures are in accordance with Title 19, California Code of Regulations & 2010 California Fire Code, Chapter 5.
- Fire Hydrant location and distribution complies with: 2010 CFC NFPA 1142 (alternate means) (Note: NFPA 1142 can only review on-site water storage as an alternate means. Signature of the School District Official is required to acknowledge use of NFPA 1142 as LFA alternate means.)
- Signature of SCHOOL DISTRICT OFFICIAL: (Sign and Print name and Title) _____
- Signature of Fire Authority Representative: (Sign and Print name and Title) _____
- The location(s) of the Detector Check Valve Assembly meet the requirements of this jurisdiction. Yes No N/A (If one of three boxes is checked items will have to meet requirements of Chapter 7A)

7. COMMENTS: (Note: Deficiencies: _____)

8. LOCAL FIRE AUTHORITY INFORMATION: AGENCY NAME (Print): Bakersfield City Fire Department ADDRESS (Print): 2121 H Street CITY/STATE/ZIP (Print): Bakersfield, CA PHONE NUMBER (Print): 661-538-2706 D. W. [Signature]

REVIEWED BY: [Signature] DATE: 06/26/13

DATE: 06/26/13 DESIGNER: [Signature] DRC: [Signature] REC: [Signature] C.J.M.

LEGEND

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

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Project Name & Address: **MCKINLEY ELEMENTARY SCHOOL 4 RELOCATABLE CLASSROOMS** BAKERSFIELD CITY SCHOOL DISTRICT 601 FOURTH STREET BAKERSFIELD, CA

Issue Date: 06/26/13

Agency Approval Stamp: FILE # 15-6 IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES 03- AC / FLS / SS DATE TRACKING # 63321-

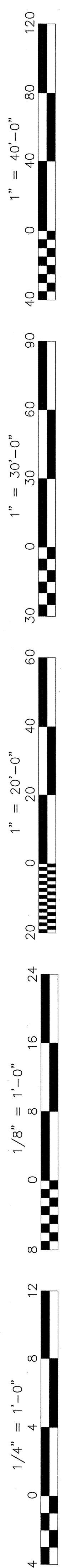
Stamp(s): IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP03 115336 AC / FLS / SS ED DATE JAN 0 8 2014

Job No.: **5084**

Sheet No.: **A1.01**

Release: LFA

G:\2013\frs13-5084\Sheets\5084-A101.dwg CURTIS MCNALLY



PARKING LOT #4

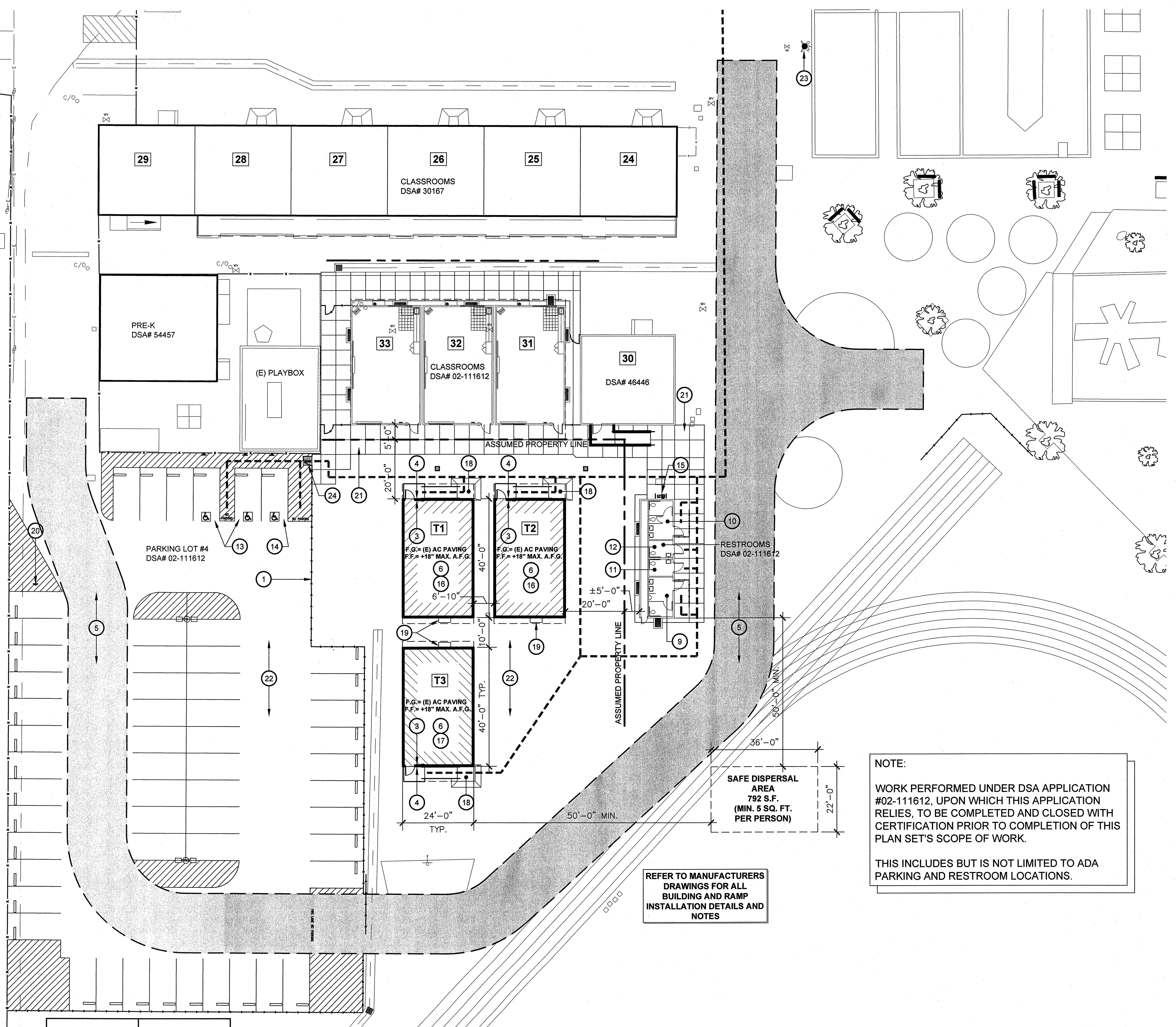
TOTAL STALLS PROVIDED:	55
ACCESSIBLE STALLS REQUIRED PER CBC TABLE 11B-6:	3
VAN SPACES REQUIRED (1 PER 8 ADA):	1
ACCESSIBLE STALLS PROVIDED:	2 REGULAR 1 VAN 3 TOTAL

- ### KEY NOTES
- EXISTING CHAIN LINK FENCE AND GATE TO REMAIN
 - EXISTING ELECTRICAL ENCLOSURE, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFO
 - NEW TACTILE EXIT SIGN PER DETAIL 2/A1.03
 - NEW ROOM IDENTIFICATION AND ISA SIGNAGE, REFER TO DETAILS 3, 4/A1.03
 - PROPOSED TEMP. 20' WIDE FIRE TRUCK ACCESS LANE OVER EXISTING AC PAVING, APPROVED BY THE LOCAL JURISDICTION.
 - NEW TEMPORARY PORTABLE BUILDINGS ON RAISED WOOD FOUNDATIONS WITH METAL RAMP SUPPLIED BY MANUFACTURER. OWNER TO REMOVE ALL INTERFERING PLAY EQUIPMENT
 - NEW 6' HIGH CHAIN LINK FENCE W/ 48" WIDE CHAIN LINK GATE
 - EXISTING TREE AND PLANTER TO REMAIN
 - EXISTING BOYS RESTROOM PER DSA APP# 02-111612
 - EXISTING GIRLS RESTROOM PER DSA APP# 02-111612
 - EXISTING MENS RESTROOM PER DSA APP# 02-111612
 - EXISTING WOMENS RESTROOM PER DSA APP# 02-111612
 - EXISTING ADA PARKING STALL PER DSA APP# 02-111612
 - EXISTING VAN ACCESSIBLE ADA PARKING STALL PER DSA APP# 02-111612
 - EXISTING ACCESSIBLE DRINKING FOUNTAIN PER DSA APP# 02-111612
 - NEW FOUNDATION PER PC #04-112161
 - NEW FOUNDATION PER PC #04-111441
 - NEW RAMP TRANSITION PER 19/R.1.02
 - 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.
 - EXISTING SITE ACCESS / TOW AWAY SIGN PER DSA APP #02-111612
 - EXISTING CONCRETE PAVING. NO WORK
 - EXISTING A.C. PAVING. NO WORK
 - EXISTING FIRE HYDRANT PER DSA APP #02-111612
 - EXISTING ACCESSIBLE ENTRANCE GATE PER DSA APPL. #02-111612

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Rev. No.	Date	Description



NOTE:
WORK PERFORMED UNDER DSA APPLICATION #02-111612, UPON WHICH THIS APPLICATION RELIES, TO BE COMPLETED AND CLOSED WITH CERTIFICATION PRIOR TO COMPLETION OF THIS PLAN SET'S SCOPE OF WORK.

THIS INCLUDES BUT IS NOT LIMITED TO ADA PARKING AND RESTROOM LOCATIONS.

REFER TO MANUFACTURERS DRAWINGS FOR ALL BUILDING AND RAMP INSTALLATION DETAILS AND NOTES

- ### 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

SERIAL NUMBER SCHEDULE

CLSRM	STKP #	SERIAL #
T1	04-105455 (76)	47944-01 / 47944-02
T2	04-105455 (76)	48722-01 / 48722-02
T3	04-100929 (42)	38034 / 38035

SAFE DISPERSAL

TEMP CLASSROOMS
3 CLASSROOMS @ 960 S.F. (24'x40') EA. = 2,880 S.F.
2,880 S.F. / 20 S.F. PER OCCUPANT = 144 OCCUPANTS
144 OCCUPANTS x 5 S.F. / OCCUPANT = 720 S.F. REQ'D
792 S.F. PROVIDED = OK

LEGEND

	INDICATES EXISTING BUILDING TO REMAIN (NO WORK)
	INDICATES NEW TEMPORARY RELOCATABLE BUILDING
	INDICATES FIRE TRUCK ACCESS OVER AC PAVING
	HALF-TONE DASHED LINE INDICATES ACCESSIBLE PATH OF TRAVEL, REFER TO ACCESSIBILITY NOTES, THIS SHEET

ENLARGED SITE PLAN

**MCKINLEY ELEMENTARY SCHOOL
3 RELOCATABLE CLASSROOMS**

BAKERSFIELD CITY SCHOOL DISTRICT
601 FOURTH STREET BAKERSFIELD, CA 93304

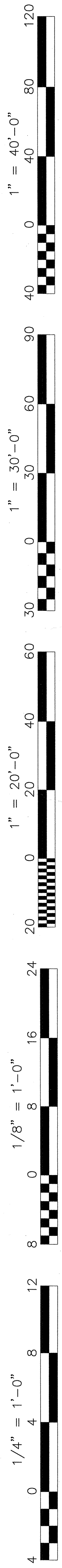
Issue Date:	11/01/13
Date:	11/04/13
Designer:	
DR:	
PC:	CJM

Agency Approval Stamp: FILE # 15-6
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-115336
AC ME FLS RC SS ED
DATE: JAN 16 2014
TRACKING #: 63321-126

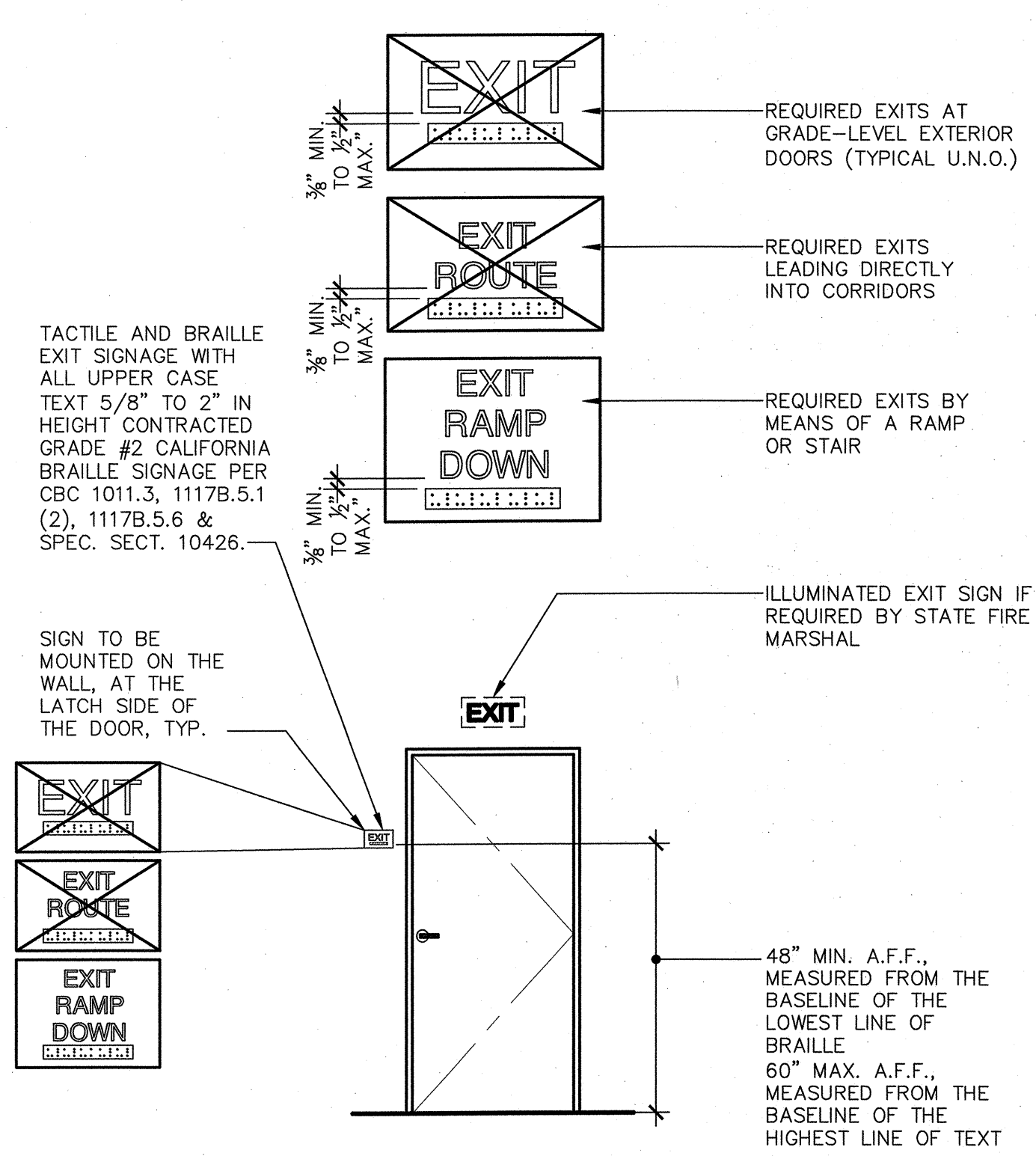
ENLARGED SITE PLAN

3 RELOCATABLE CLASSROOMS

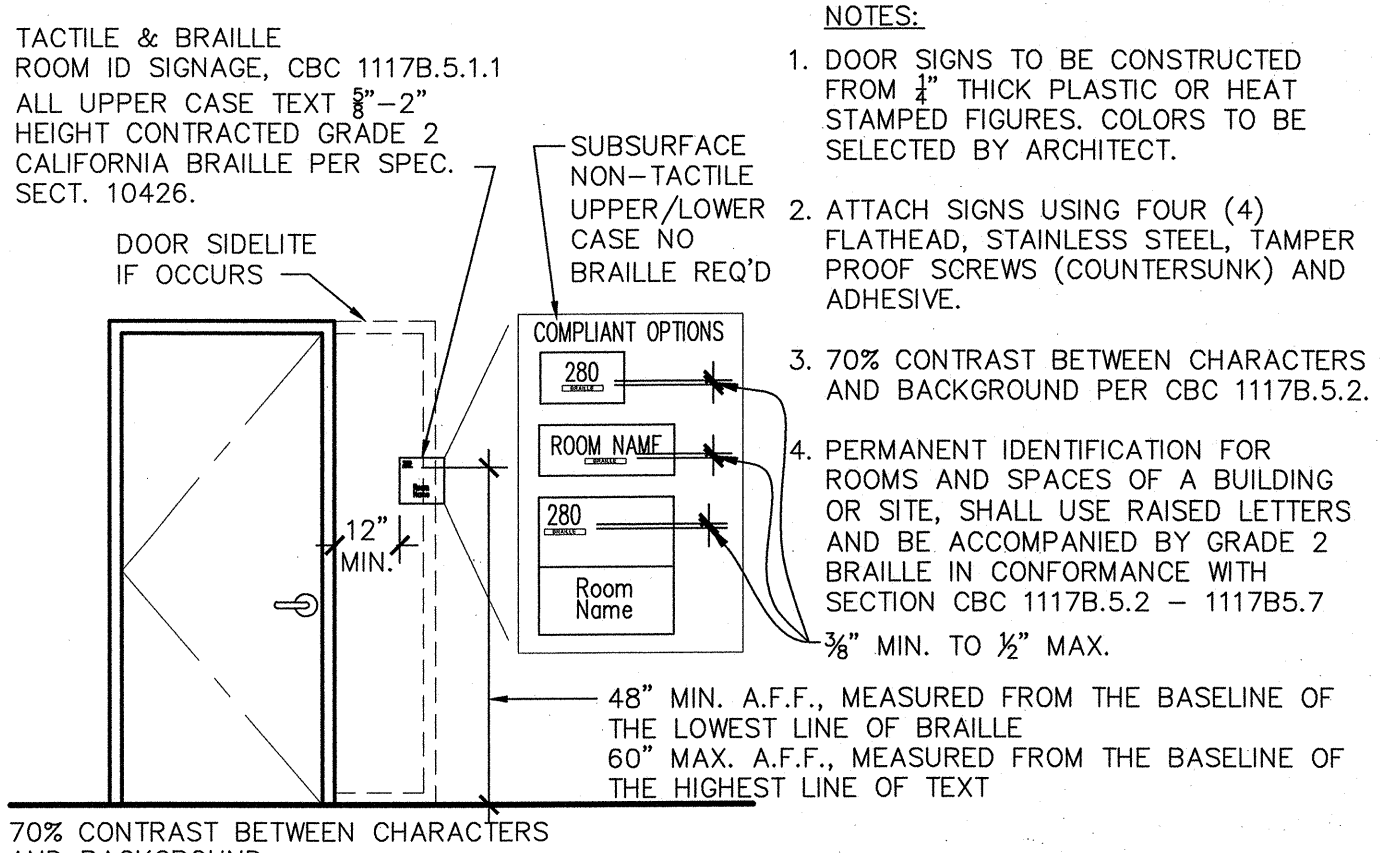
SCALE: 1" = 20'



- 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

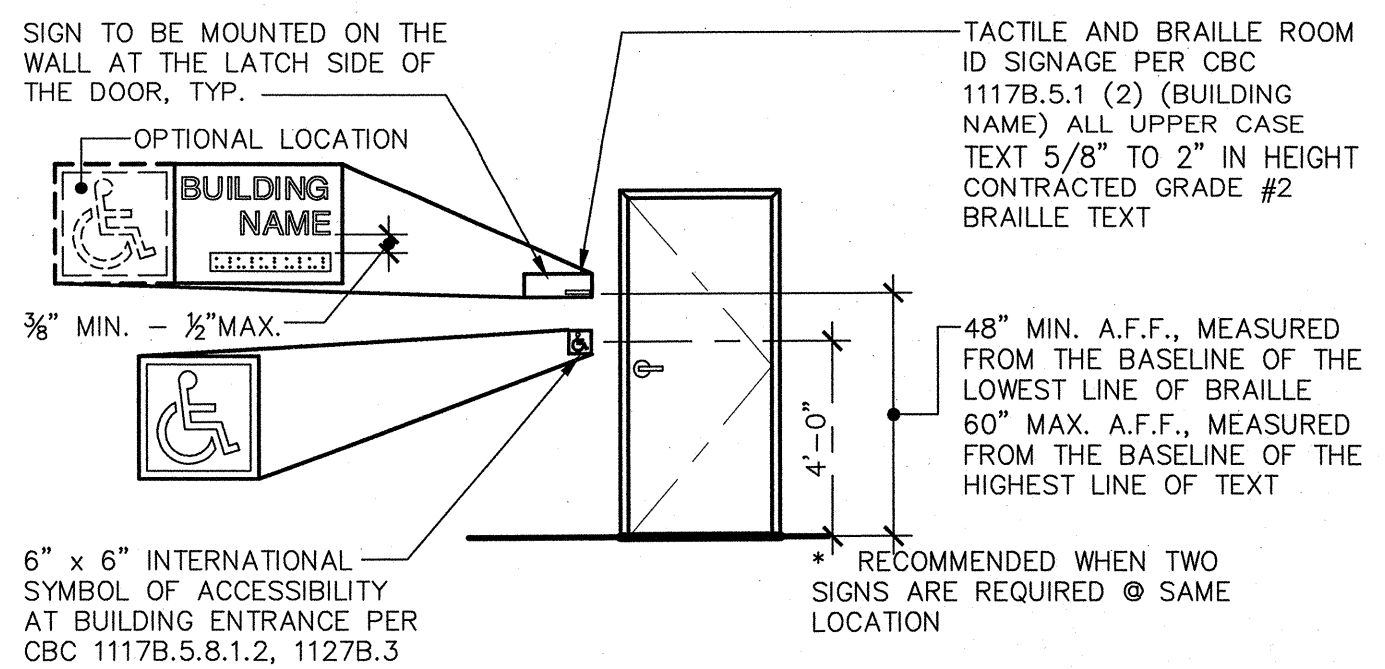


2 TYPICAL EXTERIOR DOOR SIGNAGE
 A1.03 ADX200-01 SCALE: 1' = 1'-0"



3 ROOM ID SIGNAGE
 A1.03 ADX100-01 SCALE: N.T.S.

- 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 PER CBC 1117B.5.2
 - ISA SYMBOL CAN ALSO BE PLACED ON DOOR. THE LOCATION IS NOT REGULATED.



4 BUILDING ENTRANCE/ISA SIGNAGE
 A1.03 ADA100-01 SCALE: 1' = 1'-0"

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Revision	Revision Description	Rev. Date

SITE DETAILS

MCKINLEY ELEMENTARY SCHOOL
3 RELOCATABLE CLASSROOMS
 BAKERSFIELD CITY SCHOOL DISTRICT
 601 FOURTH STREET BAKERSFIELD, CA 93304

Project Name & Address:
 SHEET TITLE

Issue Date: 11/01/13	Date: 11/04/13	Designer:	DR:	PC:
Agency Approval Stamp:				

FILE # 15-6

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

03-115336

AC, ME, FLS, SS, ED

DATE JAN 08 2014

TRACKING #: 63321-126

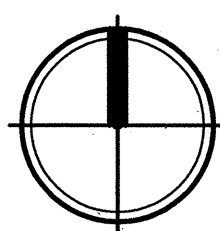
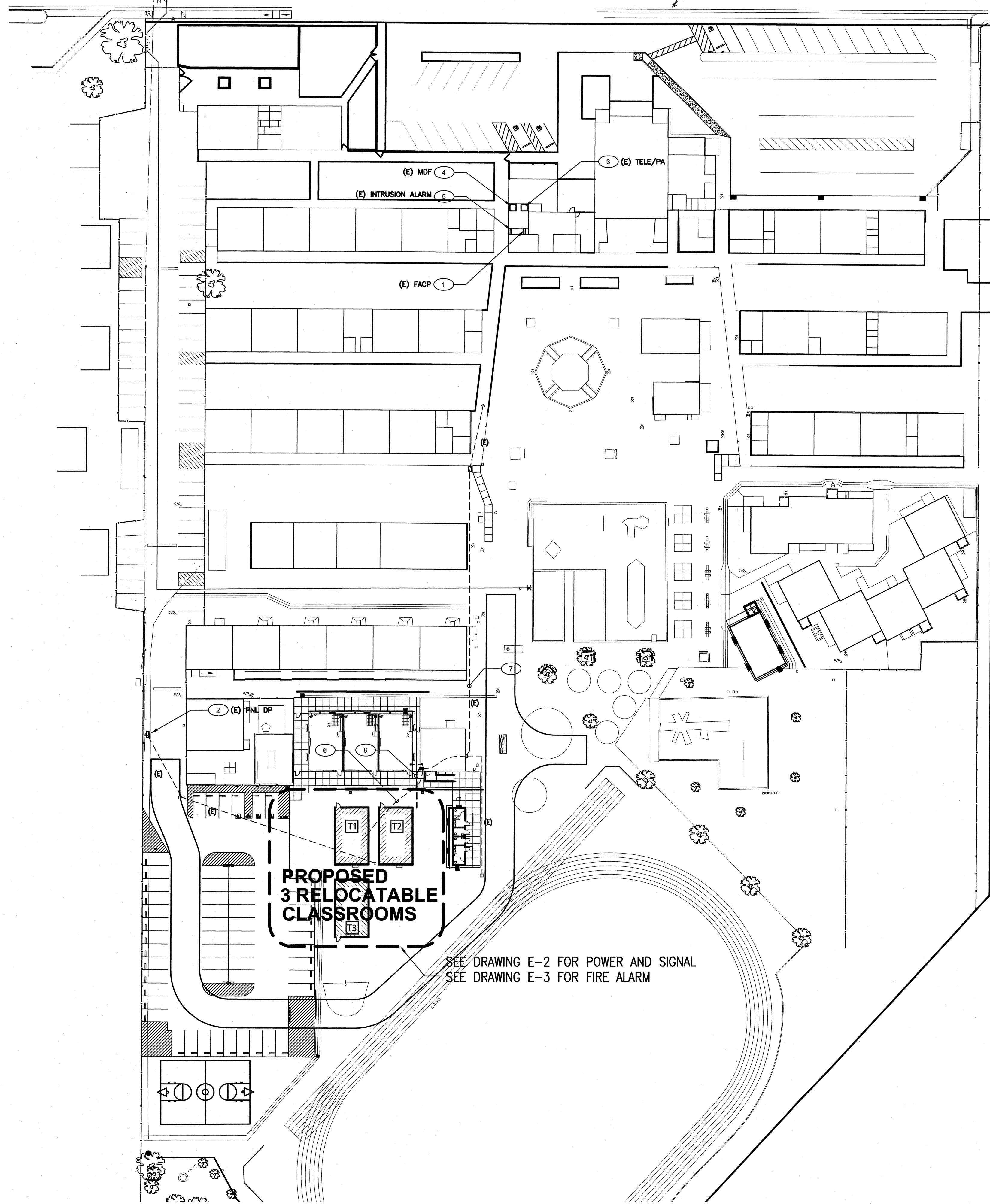
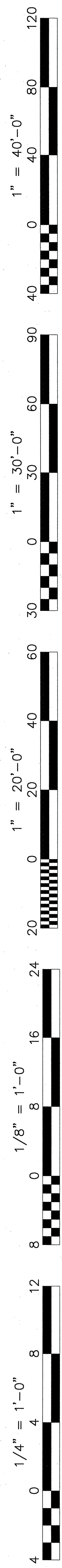
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Professional Seal: ARCHITECT CURTIS E. HILL No. C 28966

Job No.: **5084**

Sheet No.: **A1.03**

Release: -



SITE PLAN - ELECTRICAL
3 RELOCATABLE CLASSROOMS

SCALE : 1" = 40' - 0"

SHEET NOTES

- 1 APPROXIMATE LOCATION FOR EXISTING ADDRESSABLE FIRE ALARM CONTROL PANEL TO REMAIN. 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 DISTRIBUTION PANEL. PROVIDE NEW BREAKERS, FEEDERS AND POWER CONNECTION AS REQUIRED FOR NEW RELOCATABLE CLASSROOM BUILDINGS PER PLANS. SEE SINGLE LINE DIAGRAM.
- 3 APPROXIMATE LOCATION FOR EXISTING PA/IC/TELEPHONE EQUIPMENT IN ADMIN OFFICE. REUSE EXISTING AND OR PROVIDE NEW SIGNAL CABLES FOR NEW SIGNAL DEVICES CONNECTION PER PLANS.
- 4 APPROXIMATE LOCATION FOR EXISTING COMPUTER MDF SERVER EQUIPMENT IN ADMIN OFFICE. REUSE EXISTING AND OR PROVIDE NEW FD CABLE FOR NEW DATA DEVICES CONNECTION PER PLANS.
- 5 APPROXIMATE LOCATION FOR EXISTING INTRUSION EQUIPMENT IN ADMIN OFFICE. REUSE EXISTING AND OR PROVIDE NEW SIGNAL CABLES FOR NEW SIGNAL DEVICES CONNECTION PER PLANS.
- 6 PROPOSED TO REUSE AND REROUTE EXISTING AERIAL SIGNAL CABLE TO NEW BUILDING VIA NEW U.G. CONDUITS. FIELD VERIFY LOCATION. SEE DRAWING E-2 & E-3 FOR MORE INFORMATION.
- 7 PULL BACK NEW SIGNAL CABLE IN EXISTING UG CONDUITS PATH WAY. SEE RISER DIAGRAMS FOR MORE INFORMATION. FIELD VERIFY EXACT LOCATION PRIOR TO INSTALLATION.
- 8 SAW CUT AND PATCH EXISTING FLOOR TO INSTALL NEW UNDERGROUND POWER AND SIGNAL CONDUITS. SEE DRAWING E-2 & E-3 FOR MORE INFORMATION.

(E) --- INDICATE EXISTING CONDUIT AND WIRING. FOR REFERENCE ONLY, FIELD VERIFY AS REQUIRED.

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Revision	Date	Description

SITE PLAN - ELECTRICAL

McKINLEY ELEMENTARY
3 RELOCATABLE CLASSROOMS
 BAKERSFIELD CITY SCHOOL DISTRICT
 601 FOURTH ST., BAKERSFIELD, CA

Issue Date: 06/00/13
 Date: 06/02/13
 Designer: J CHONG
 OR: J CHONG
 PC: C.M

CODE RULES AND REGULATIONS

ALL WORK AND MATERIAL SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE STATE FIRE MARSHAL, THE CALIFORNIA ELECTRICAL CODE, THE SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY AND OTHER APPLICABLE STATE LAWS OR REGULATIONS. NOTHING IN THESE PLANS OR SPECIFICATIONS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

DIVISION OF THE STATE ARCHITECT APPLICABLE CODES AND STANDARDS:
 2007 CALIFORNIA ELECTRIC CODE (CEC)
 2007 CALIFORNIA FIRE CODE (CFC)
 2007 TITLE 19 (CCR), PUBLIC SAFETY, STATE FIRE MARSHAL
 2002 NFPA 72 (CALIFORNIA AMENDED) - NATIONAL FIRE ALARM CODES. POLICY #95-03, FIRE AND LIFE SAFETY, DIVISION OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES.

FILE # 15-6

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

03-115336

AC FLS 72 SS ED
 DATE JAN 08 2014
 TRACKING #: 63321-126

REGULATIONS UNDERGROUND SERVICE ALERT
 CALL BEFORE YOU DIG: 1-800-642-2444

THE LOCATION OF EXISTING UNDERGROUND UTILITIES WERE TAKEN FROM SOURCES BELIEVED TO BE RELIABLE. HOWEVER, THEY HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THIS ENGINEER. THE CONTRACTORS SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NOTIFY OWNER 72 HOURS PRIOR TO ANY EXCAVATION

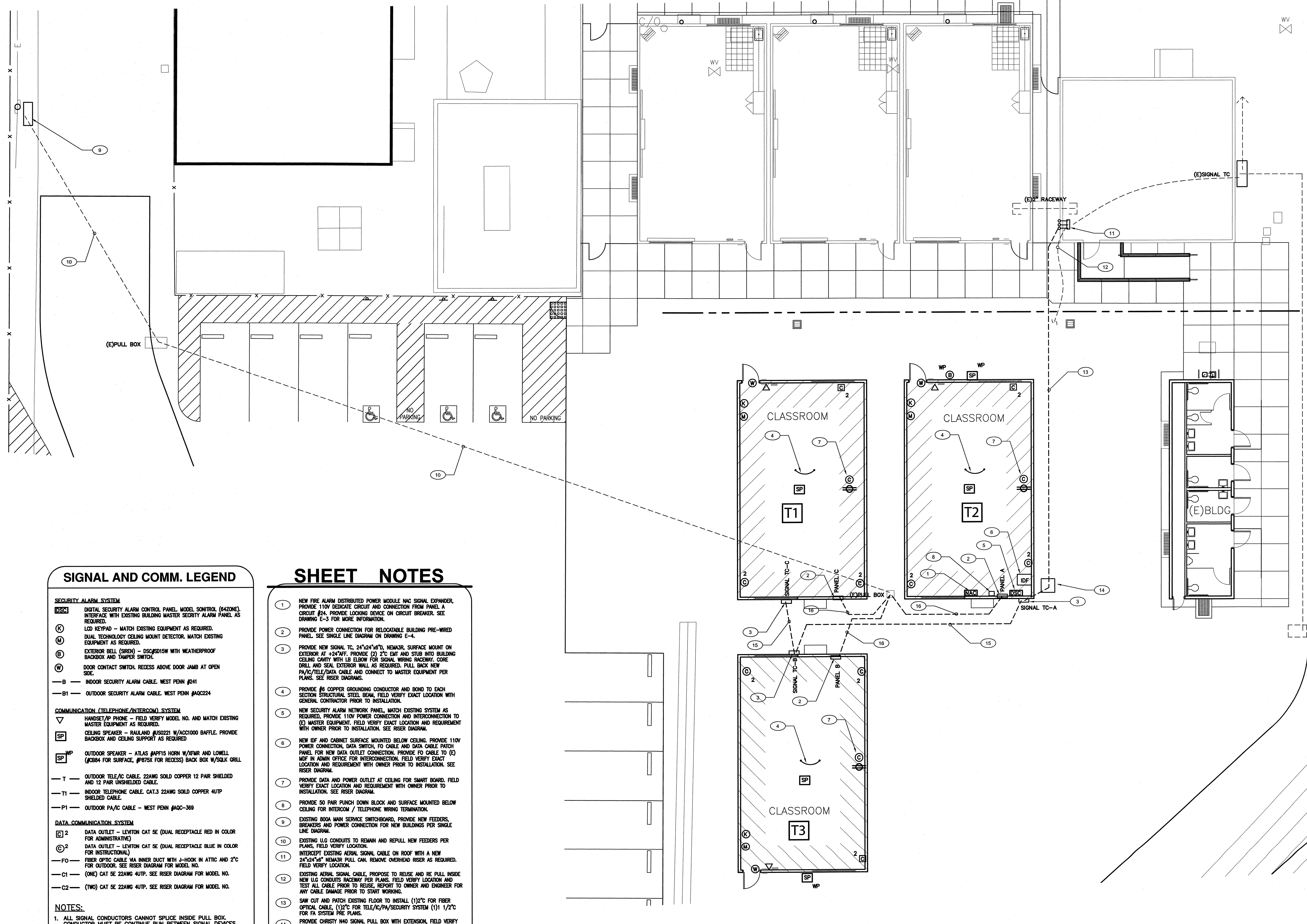
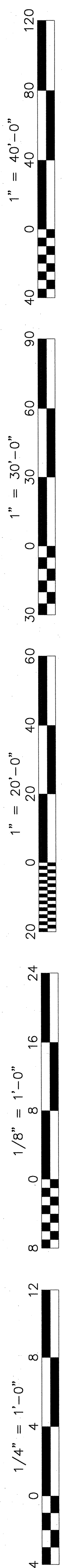
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Job No.: **5084**

Sheet No.: **E-1**

Release:

CONSULTING ENGINEERS
JOHN CHONG ENGINEERING
 2017 E. DELCATOR AVE, FRESNO CA 93720
 (509) 325-2260 • FAX 297-3401
 jcengineer@aol.com



SIGNAL AND COMM. LEGEND

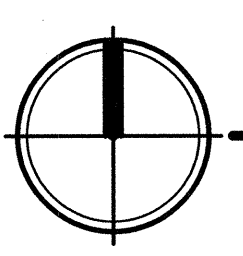
- SECURITY ALARM SYSTEM**
- (DSC) DIGITAL SECURITY ALARM CONTROL PANEL, MODEL SONTRON (842ONE), INTERFACE WITH EXISTING BUILDING MASTER SECURITY ALARM PANEL AS REQUIRED.
 - (K) L0D KEYPAD - MATCH EXISTING EQUIPMENT AS REQUIRED.
 - (M) DUAL TECHNOLOGY CEILING MOUNT DETECTOR, MATCH EXISTING EQUIPMENT AS REQUIRED.
 - (B) EXTERIOR BELL (SIREN) - DISCARD15W 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) HANSEY/P PHONE - FIELD VERIFY MODEL NO. AND MATCH EXISTING MASTER EQUIPMENT AS REQUIRED.
 - (SP) CEILING SPEAKER - RAILAND #JUS221 W/ACC1000 BAFFLE, PROVIDE BACKBOX AND CEILING SUPPORT AS REQUIRED.
 - (SP) OUTDOOR SPEAKER - ATLAS #APF15 HORN W/AFIR AND LOWELL (#C884 FOR SURFACE, #P875X FOR RECESS) BACK BOX W/SOLK 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**
- (C2) DATA OUTLET - LEVITON CAT 5E (DUAL RECEPTACLE RED IN COLOR FOR ADMINISTRATIVE)
 - (C2) 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" 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 DISTRIBUTED POWER MODULE NAC SIGNAL EXPANDER, PROVIDE 110V DEDICATE CIRCUIT AND CONNECTION FROM PANEL A CIRCUIT #24. 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"x6"D, NEMA3R, SURFACE MOUNT ON EXTERIOR AT +24" AFF. PROVIDE (2) 2" TC EXIT AND STUB INTO BUILDING CEILING CAVITY WITH LB ELBOW FOR SIGNAL WIRING RACEWAY. CORE DRILL AND SEAL EXTERIOR WALL AS REQUIRED. PULL BACK NEW PA/IC/TELE/DATA CABLE AND CONNECT TO MASTER EQUIPMENT PER PLANS. 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 NETWORK PANEL, MATCH EXISTING SYSTEM AS REQUIRED. PROVIDE 110V POWER CONNECTION AND INTERCONNECTION TO (E) MASTER EQUIPMENT. 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 CABLE 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. PROVIDE 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. EXISTING 800A MAIN SERVICE SWITCHBOARD, PROVIDE NEW FEEDERS, BREAKERS AND POWER CONNECTION FOR NEW BUILDINGS PER SINGLE LINE DIAGRAM.
10. EXISTING U.G CONDUITS TO REMAIN AND RE-PULL NEW FEEDERS PER PLANS, FIELD VERIFY LOCATION.
11. INTERCEPT EXISTING AERIAL SIGNAL CABLE ON ROOF WITH A NEW 24"x24"x6" NEMA3R PULL CAN. REMOVE OVERHEAD RISER AS REQUIRED. FIELD VERIFY LOCATION.
12. EXISTING AERIAL SIGNAL CABLE, PROPOSE TO RE-USE AND RE-PULL INSIDE NEW U.G CONDUITS RACEWAY PER PLANS. FIELD VERIFY LOCATION AND TEST ALL CABLE PRIOR TO RE-USE, REPORT TO OWNER AND ENGINEER FOR ANY CABLE DAMAGE PRIOR TO START WORKING.
13. SAW CUT AND PATCH EXISTING FLOOR TO INSTALL (1)2" FOR FIBER OPTICAL CABLE, (1)2" FOR TELE/IC/PA/SECURITY SYSTEM (1)1 1/2" FOR PA SYSTEM PRE PLANS.
14. PROVIDE CHRISTY 140 SIGNAL PULL BOX WITH EXTENSION, FIELD VERIFY LOCATION.
15. SAW CUT AND PATCH EXISTING FLOOR TO INSTALL (1)2" FOR (1)2" FOR TELE/IC/PA/SECURITY SYSTEM PRE PLANS.
16. SAW CUT AND PATCH EXISTING FLOOR TO INSTALL (1)2" 3/4", 1/8" CU GND PRE PLANS.



POWER AND SIGNAL PLAN
3 RELOCATABLE CLASSROOMS

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

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Project Name & Address:
McKINLEY ELEMENTARY
3 RELOCATABLE CLASSROOMS
BAKERSFIELD CITY SCHOOL DISTRICT
601 FOURTH ST., BAKERSFIELD, CA

Sheet Title:
POWER AND SIGNAL PLAN

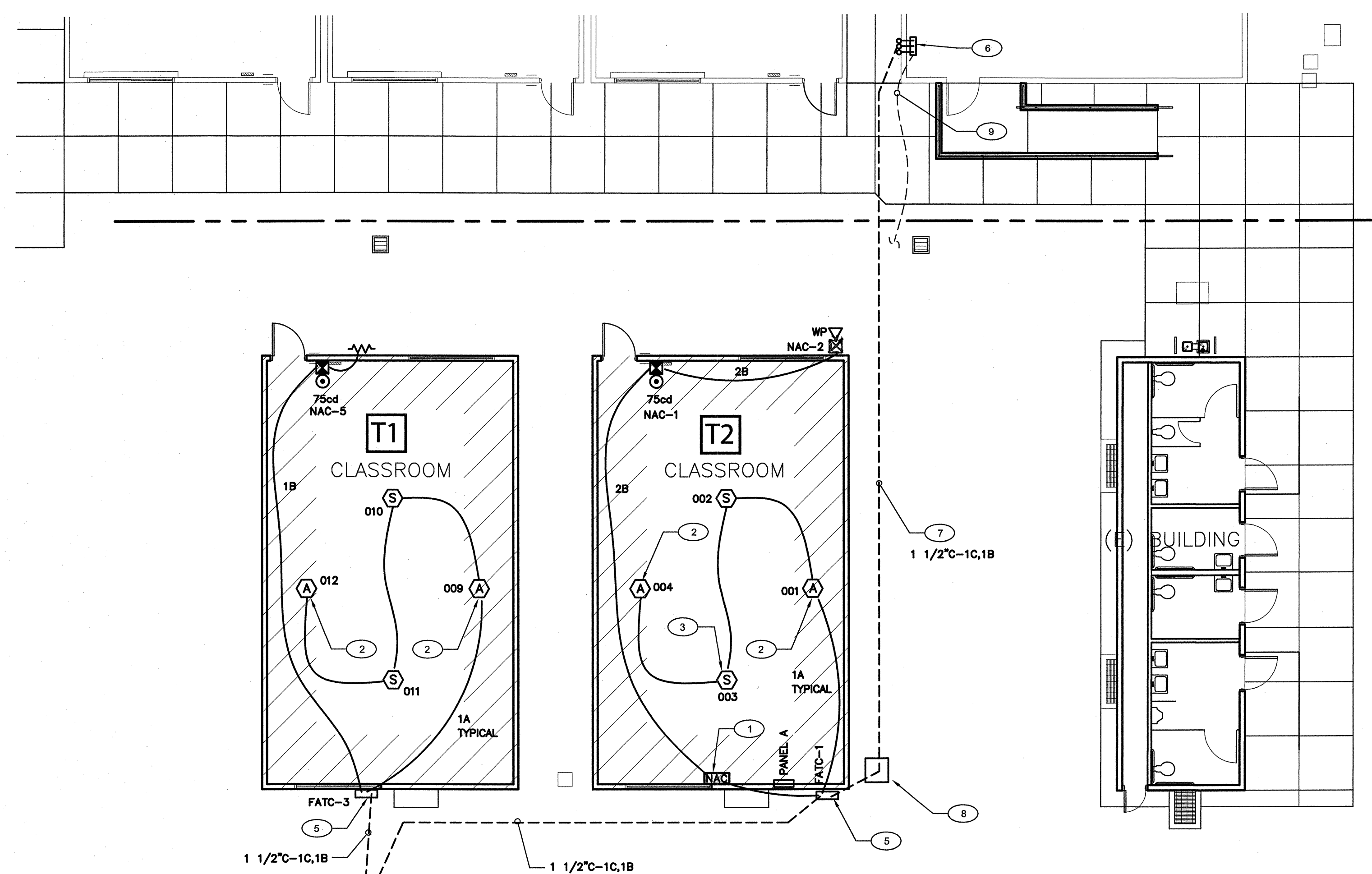
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03-115336
AC. FLS. TC. SS. 20
DATE: JAN 08 2014
TRACKING #: 63321-126

Job No.: **5084**

Sheet No.: **E-2**

Release:

1" = 40'-0"
 1" = 30'-0"
 1" = 20'-0"
 1" = 1'-0"
 1/8" = 1'-0"
 1/4" = 1'-0"



FIRE ALARM PLAN 3 RELOCATABLE CLASSROOMS

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

ITEM	DESCRIPTION	MODEL NUMBER	CSFM NUMBER	MOUNT	BACK BOX
EXP	DISTRIBUTED POWER MODULE SIGNAL EXPENDER	SILENT KNIGHT #5459	7300-0559:123	+60"	EQUIPMENT CABINET
HORN	HORN STROBE 15cd 30cd 75cd 110cd TEMPORAL CODE 3	WHEELOCK #AS-24MOW-FR	7125-0785:131	+80"	4"SQ X 2 1/2"D
WP	OUTDOOR HORN TEMPORAL CODE 3	WHEELOCK #AH-24WP	7125-0785:131	+80"	4"SQ X 2 1/2"D
S	ADDRESSABLE CEILING SMOKE DETECTOR WITH BASE	NOTIFIER #FS-851/B710P	7272-0028:206	CEILING	4"SQ X 2 1/2"D
A	ATTIC HEAT DETECTOR 190F TEMP WITH BASE	NOTIFIER #ST-851H/B710P	7270-0028:196	ATTIC	4"SQ X 2 1/2"D
RES	END OF LINE RESISTOR	N/A	N/A	LAST DEVICE	4"SQ X 2 1/2"D

BATTERY POWER CALCULATIONS NEW DISTRIBUTED POWER MODULE A

DEVICE	NO. OF DEVICES	CURRENT PER DEVICE STANDBY	ALARM	STANDBY CURRENT	ALARM CURRENT
EXISTING LOAD	1	0.075A	0.175A	0.075A	0.175A
OUTDOOR HORN	2	---	0.050A	---	0.100A
MINI HORN	0	---	0.025A	---	0.000A
VISUAL 15cd	0	---	0.041A	---	0.000A
AUDIO/VISUAL 15cd	0	---	0.093A	---	0.000A
AUDIO/VISUAL 30cd	0	---	0.114A	---	0.000A
AUDIO/VISUAL 75cd	3	---	0.157A	---	0.471A
AUDIO/VISUAL 110cd	0	---	0.197A	---	0.000A
SYNC MODULES	0	---	0.035A	---	0.000A
SUB-TOTAL				0.075A	0.746A

24 HOUR STANDBY CURRENT 1.800AH
 5 MINUTE ALARM CURRENT 0.0822AH
 SUBTOTAL 1.882AH

20% SAFETY FACTOR 0.372AH
 TOTAL AMPS-HRS REQUIRED 2.234AH

PROVIDE BATTERY WITH (2) NEW 6AH BATTERY

DURING THE FINAL TESTING, MEASURE EXACT STANDBY AND ALARM CURRENT, VOLTAGE DROP FOR EACH SIGNAL CIRCUIT. 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 POWER FAILURE TROUBLE FULL STATION	EXISTING BOOT SMOKE DETECTOR	EXISTING FIRE SPRINKLER TRIPPER SWITCHES
AUDIO VISUAL DEVICE	X	X	X	X	X
OFF-SITE MONITORING CERTIFY AGENCY	X	X	X	X	X
CONTROL PANEL	X	X	X	X	X
REMOTE ANNUNCIATOR	X	X	X	X	X
HVAC SHUT DOWN				X	X

F.A. MONITORING NOTES

1. 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 UJFX OR ULUS BY UNDERWRITERS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011. SUPERVISION OF SYSTEM AND LEASED TELEPHONE LINES SHALL BE ARRANGED BY OWNER.

SEISMIC ANCHORAGE

1. TO COMPLY WITH 2001 CBC, TITLE 24, SECTION #1632A.
 2. 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.

VOLTAGE DROP CALCULATION

WORST CASE VOLTAGE DROP AT THE LAST DEVICE

SIGNAL CKT NO.	AMPERES	APPROX LENGTH	RESISTIVITY OHM	WIRE AWG	AREA CM	VOLTS DROPPED	% VOLTS DROP
CKT A	0.571A	400'	21.6	12	6530	0.756V	3.1%

SIGNAL CIRCUIT LOAD SUMMARY

OUTDOOR HORN	VISUAL	AUDIO/VISUAL	AUDIO/VISUAL	AUDIO/VISUAL	MINI HORN	SYNC MODULE	TOTAL AMP
0.050A	0.041A	0.093A	0.114A	0.157A	0.197A	0.035A	0.571A

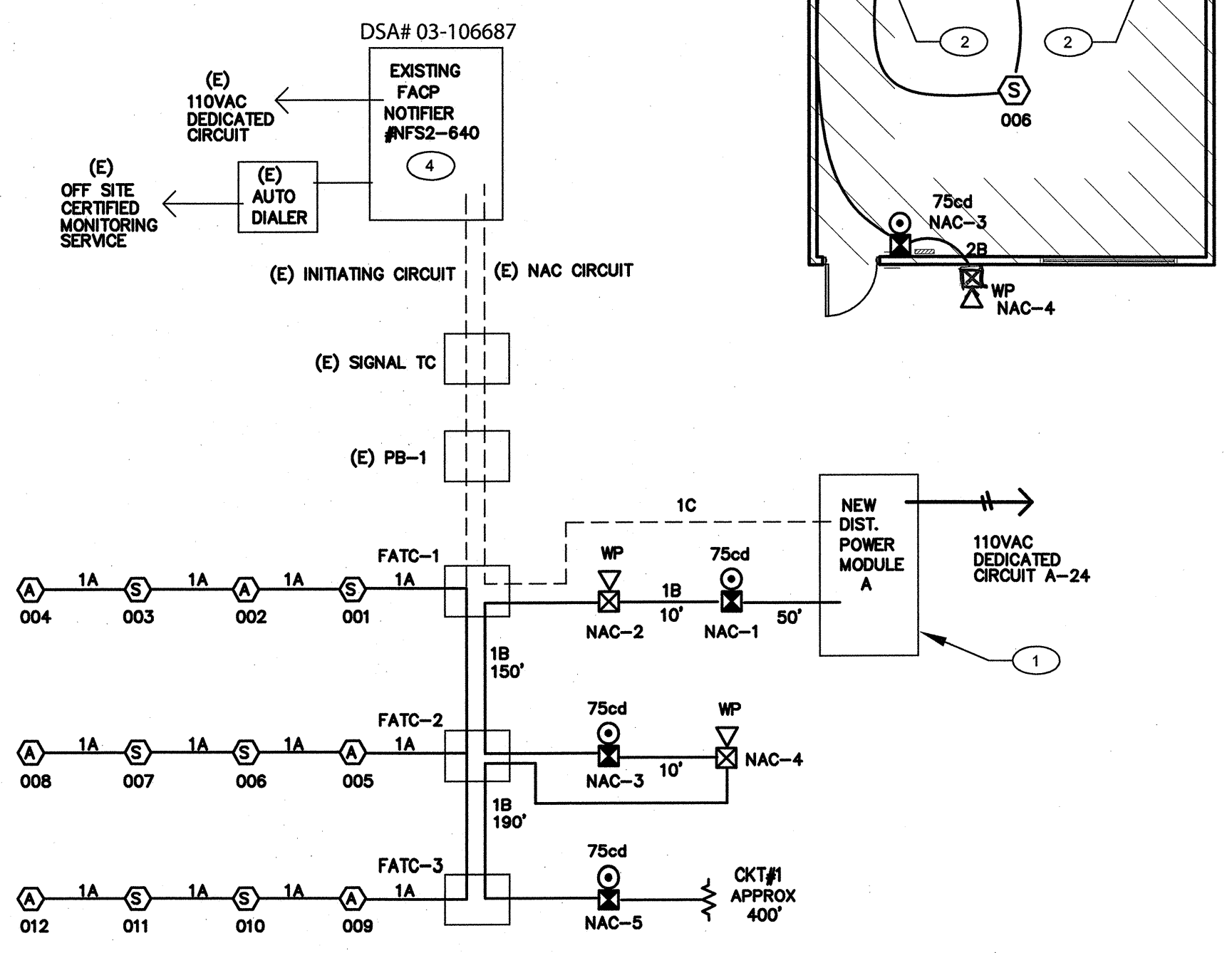
FA CABLE SCHEDULE

TYPE	DESCRIPTION
A	INITIALING 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	INITIALING 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

COMPLETE AUTOMATIC FIRE ALARM PLAN SUBMITTAL

1. 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.

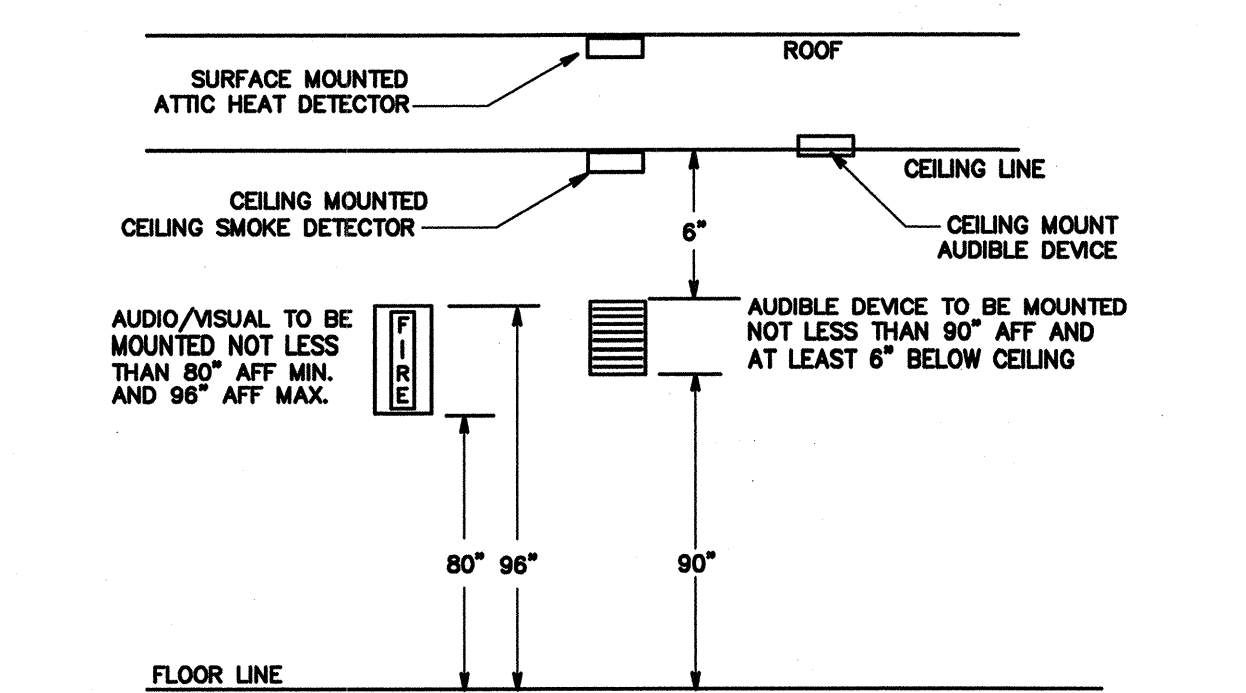
2. THE AUTOMATIC FIRE ALARM SYSTEM SHALL COVER ALL ROOMS AND AREAS AND UPON ACTIVATION OF AN INITIATING DEVICE ALERT ALL OCCUPANTS AND TRANSMIT THE ALARM, SUPERVISORY, AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION. (EXCEPTION: SMOKE DETECTORS ARE NOT REQUIRED IN NON-ACCESSIBLE AREAS AS DEFINED 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)



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 N.T.S.



2 TYPICAL FIRE ALARM DEVICES M'T'D DETAIL N.T.S.

SHEET NOTES

- PROVIDE NEW FIRE ALARM DISTRIBUTED POWER MODULE NAC SIGNAL EXPANDER 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 CIRCUIT, 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.
- EXISTING MASTER ADDRESSABLE FIRE ALARM CONTROL PANEL TO REMAIN. 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 CIRCUIT, 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.
- PROVIDE NEMAR 6"x6"x4" STEEL TO SURFACE MOUNTED ON EXTERIOR WALL AT +24" AFF WITH 1" C STUB INTO BUILDING CEILING CAVITY WITH LB FITTING. PROVIDE TERMINAL STRIP INSIDE TC FOR CONDUCTOR TERMINATION. NO WIRE NUTS ALLOWED. CORE DRILL AND SEAL EXTERIOR WALL AS REQUIRED.
- INTERCEPT EXISTING AERIAL SIGNAL CABLE RISER AND INSTALL SIGNAL TC WITH NEW CONDUITS RACEWAY PER PLANS. FIELD VERIFY LOCATION. PROVIDE UNISTRUT FOR SUPPORT.
- SAW CUT AND PATCH EXISTING DRIVEWAY TO INSTALL NEW UNDERGROUND 1 1/2". PULL IN EXISTING AERIAL FA CABLES. SEE RISER DIAGRAM.
- NEW 12"x12" CHRISTY PULL BOX WITH EXTENSION. FIELD VERIFY LOCATION.
- PROPOSED TO REUSE AND RELOCATE EXISTING AERIAL SIGNAL CABLE WITH NEW U.G. CONDUITS RACEWAY PER PLANS. FIELD VERIFY LOCATION. TEST CABLES PRIOR TO REUSE.

F.A SYSTEM SCOPE OF WORK

- PROVIDE AUTOMATIC FIRE ALARM SYSTEM FOR THE ADDITIONAL NEW CLASSROOM BUILDINGS 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 CIRCUIT. 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 FROM THE AUDIBLE APPLIANCE. AN AVERAGE SOUND LEVEL GREATER THAN 115 dBA REQUIRES THE USE OF A VISIBLE SIGNAL APPLIANCE. 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 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 TEN 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.

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**McKINLEY ELEMENTARY
 3 RELOCATABLE CLASSROOMS**
 BAKERSFIELD CITY SCHOOL DISTRICT
 601 FOURTH ST., BAKERSFIELD, CA

Sheet Title:
FIRE ALARM PLAN

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

Revision:
 00/00/13
 Date: 05/02/13
 Designer: J. CHONG
 Drafter: J. CHONG
 PCC: C.M.

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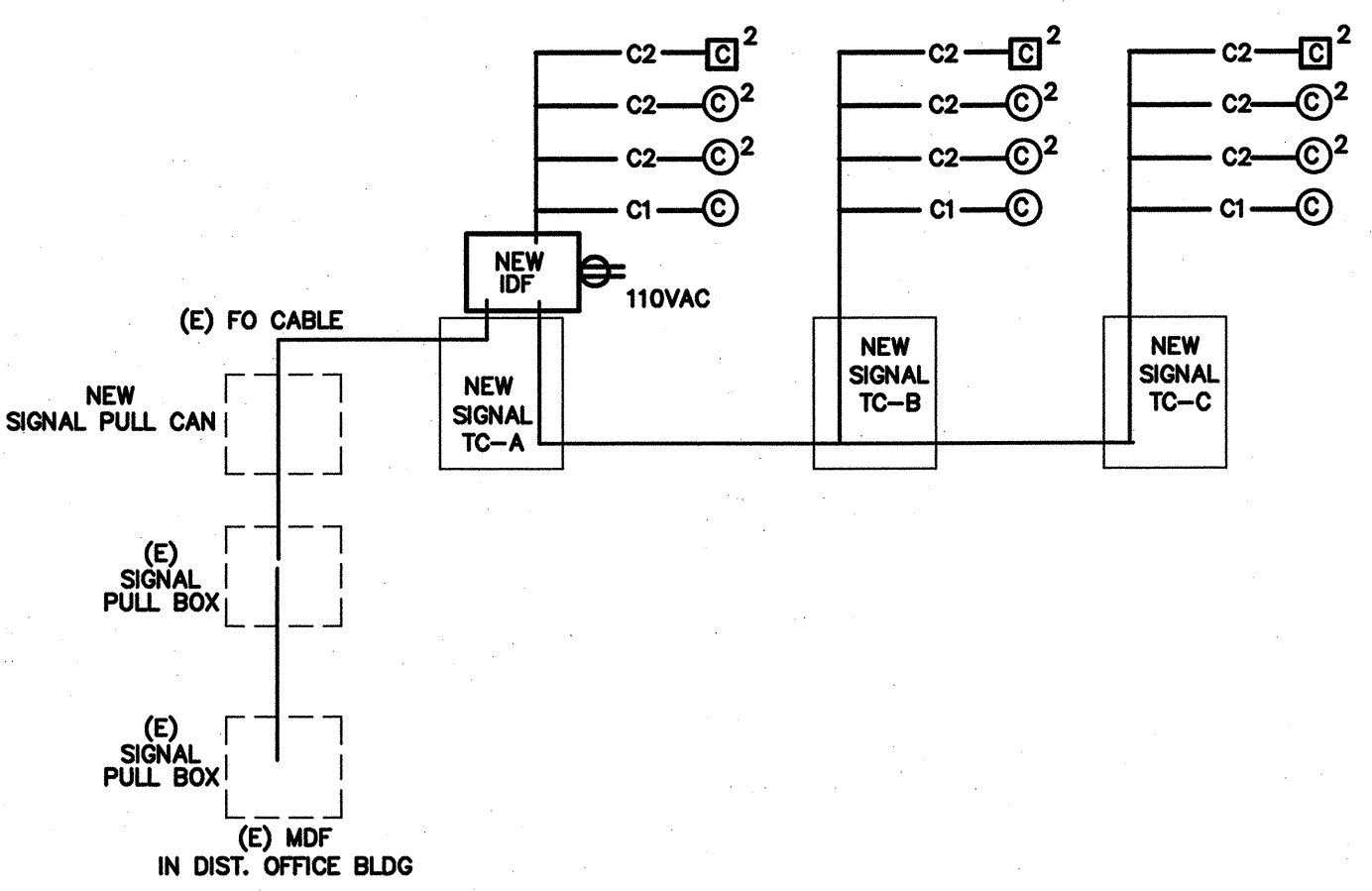
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 No. C 28966
 STATE OF CALIFORNIA
 Exp. 6/30/2014
 ELECTRICAL

Job No.: **5084**

Sheet No.: **E-3**

Release:

1" = 40'-0"
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 1/8" = 1'-0"
 1/4" = 1'-0"



FIBER OPTIC CABLE
 THREE MULTIMODE PAIRS (SIX STRANDS) AND THREE SINGLE-MODE PAIRS (SIX STRANDS)
 OPTICAL CABLE COMPANY # DX 12/0650-6W35B/10C-8SYM-YMD/900-0FNR OF EQUAL
DATE CABLE
 5ENP4P24-BL-BER-PV OR EQUAL
CABLE TESTING
 ALL FIBER OPTIC CABLE MUST BE TESTED TO SUPPORT 1000BASE-FX FULL DUPLEX STANDARDS.
 ALL CAT 5E CABLE MUST BE TESTED TO SUPPORT 100BASE-TX.
 TEST RESULTS ARE TO BE PROVIDED TO SCHOOL TECHNOLOGICAL SERVICES FOR REVIEW AND APPROVAL.

IDF 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 AT55-16 OR EQUAL
 FACEPLATE ALLEN TEL AT30-2-09 OR EQUAL
 PATCH PANEL ALLEN TEL ATPNL-24 OR EQUAL

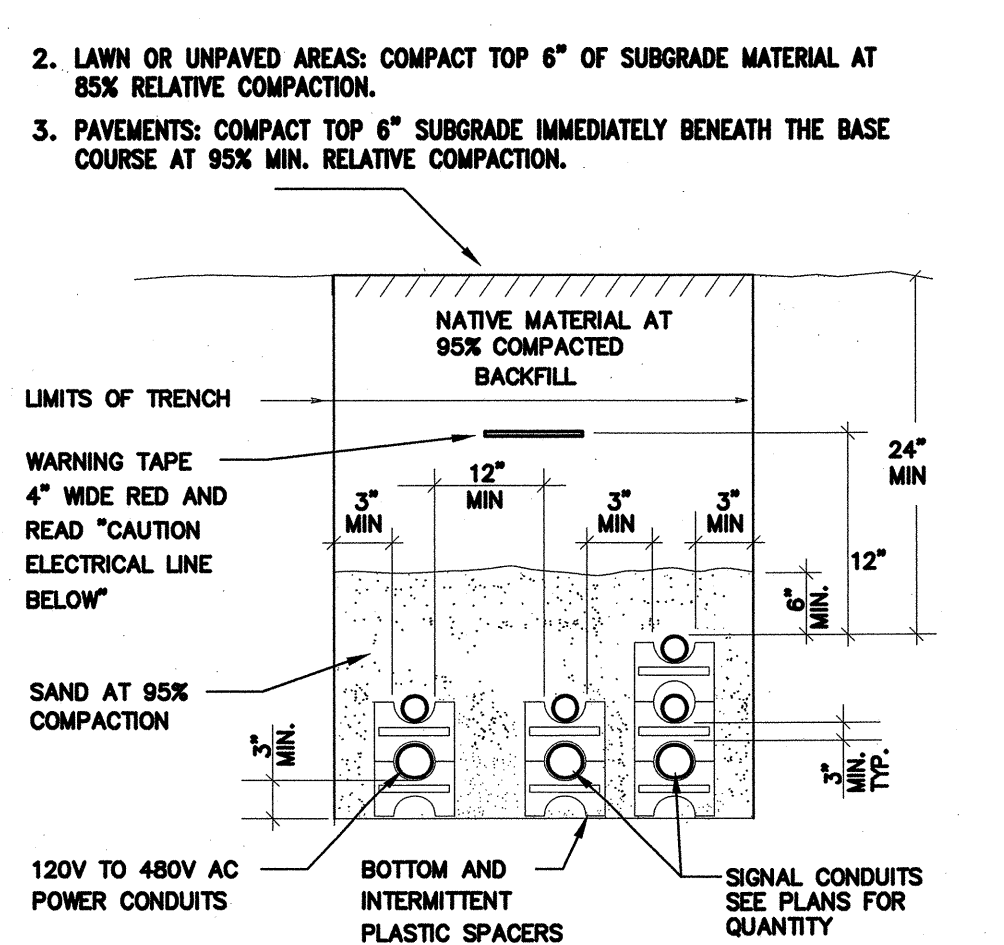
LABELING IDENTIFICATION
 ALL INSTALLED EQUIPMENT, CABLES, TERMINATIONS, ETC. WILL BE PERMANENTLY AND UNIQUELY MARKED. CABLES WILL BE MARKED USING A CONVENTION THAT WILL IDENTIFY ITS ORIGIN AND DESTINATION. LAN TERMINATIONS WILL SIMILARLY BE MARKED TO UNIQUELY IDENTIFY THEM WHILE PROVIDING THE SOURCE 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 USSD TECHNOLOGICAL SERVICES FOR FILING WITH MANUFACTURERS UPON COMPLETION OF INSTALLATION.

7 DATA COMMUNICATION SYSTEM RISER DIAGRAM N.T.S

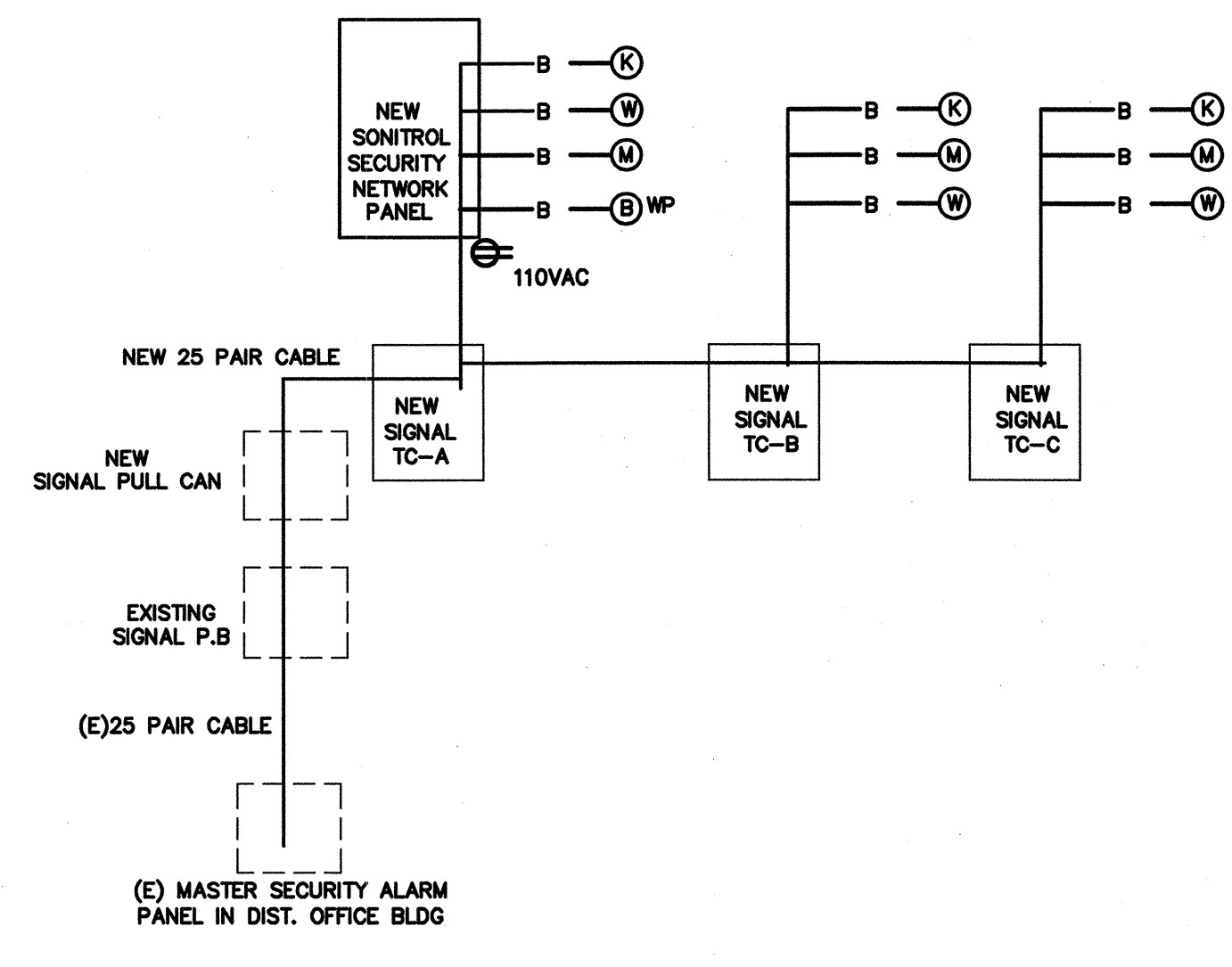
RESTORE NEW FINISHED SURFACE PER ORIGINAL CONDITION AS FOLLOW:

- STRUCTURES, BUILDING SLABS, WALKWAYS, AND STEPS: COMPACT TOP 6" OF SUBGRADE AND EACH LAYER OF BACKFILL OR FILL MATERIAL AT 92% MAX. RELATIVE COMPACTION. COMPACT UPPER 2" OF BACKFILL IN UTILITIES TRENCHES OR OTHER EXCAVATION TO 92% MIN. RELATIVE COMPACTION.
- LAWN OR UNPAVED AREAS: COMPACT TOP 6" OF SUBGRADE MATERIAL AT 85% RELATIVE COMPACTION.
- PAVEMENTS: COMPACT TOP 6" SUBGRADE IMMEDIATELY BENEATH THE BASE COURSE AT 95% MIN. RELATIVE COMPACTION.

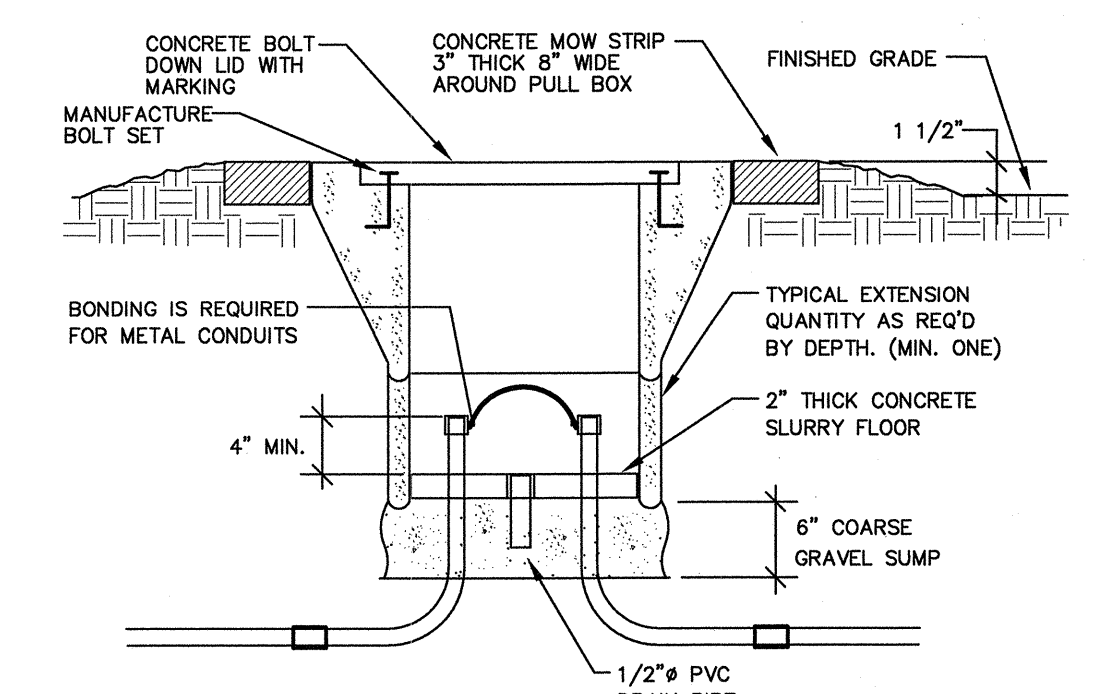


NOTES:
 1. IF CONDUITS ARE INSTALLED IN A FILL AREA, THE TOP OF THE FILL MUST BE A MIN. OF 30" ABOVE THE DESIGN CONDUITS ELEVATION BEFORE THE CONDUITS IS INSTALLED.
 2. ELECTRICAL CONDUITS SHALL BE MIN. 12" FROM OTHER UTILITY PIPES IN JOIN TRENCH. NO UTILITY PIPES ARE ALLOWED INSTALLED ON THE TOP OF ELECTRICAL CONDUITS.

6 CONDUIT TRENCH DETAIL N.T.S

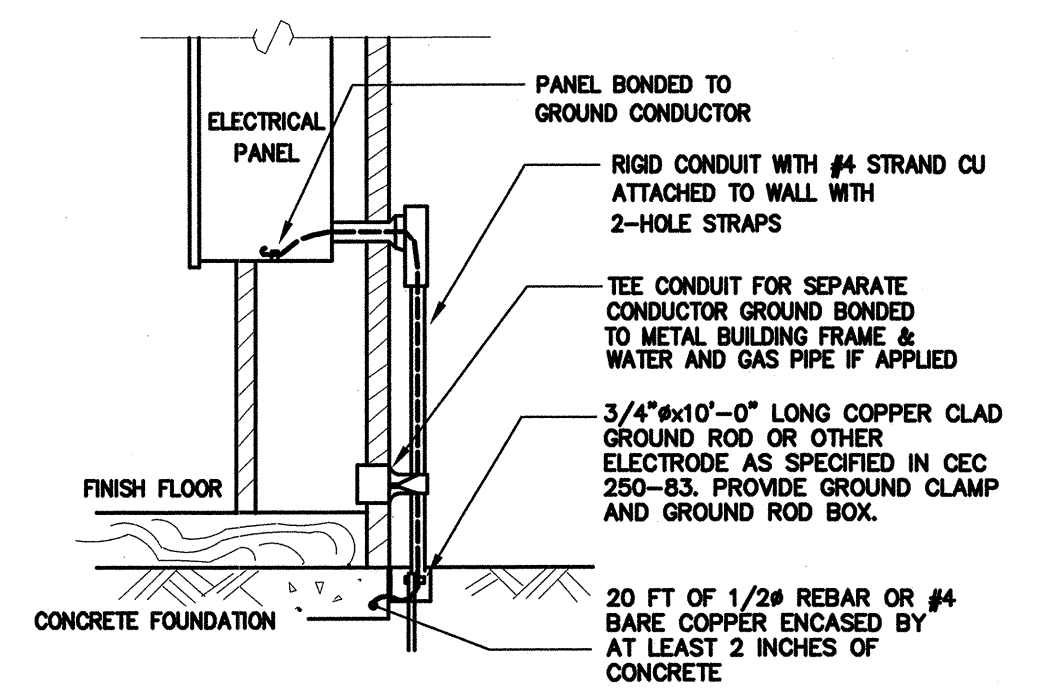


5 SECURITY ALARM SYSTEM RISER DIAGRAM N.T.S



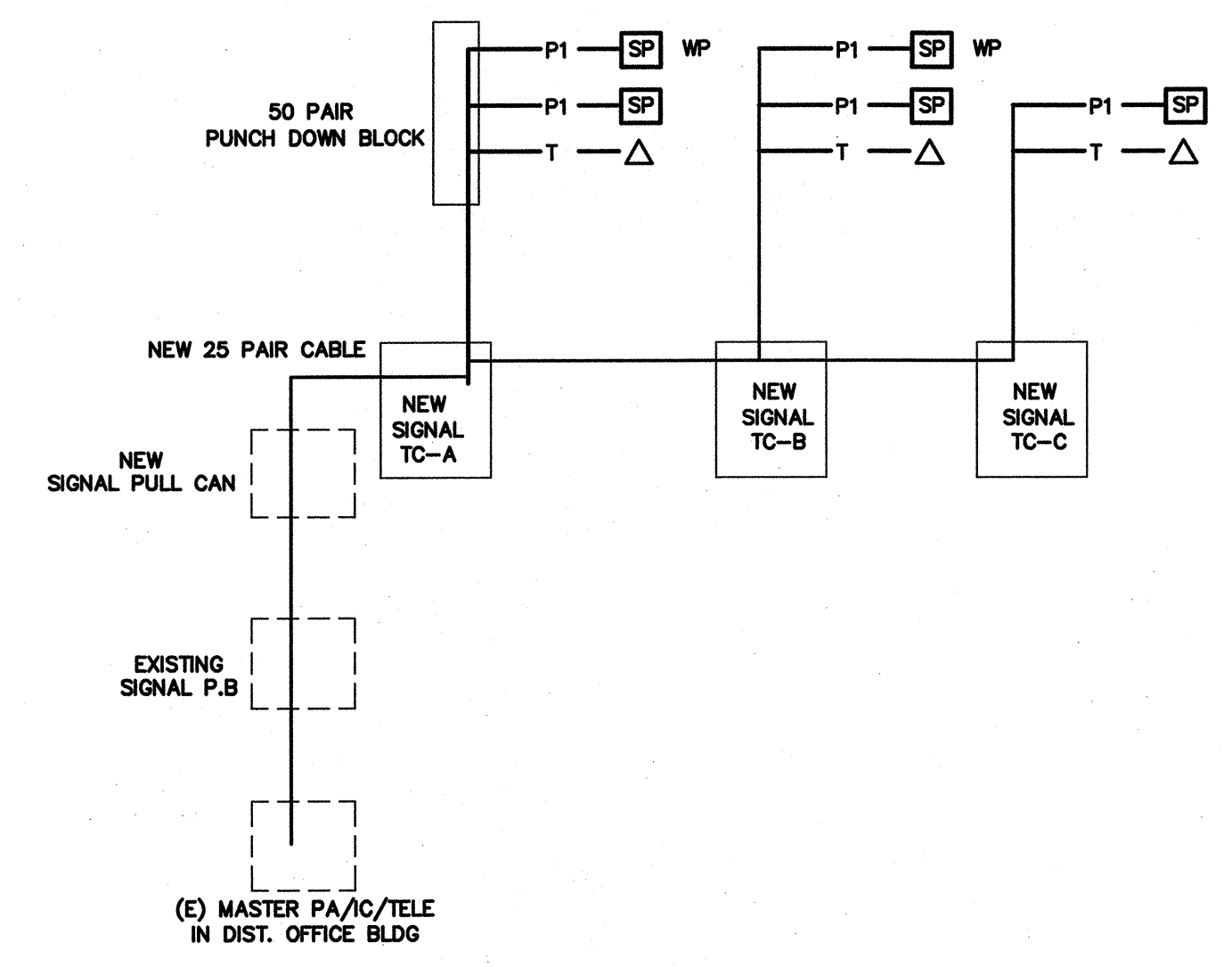
NOTES:
 WHERE PULL BOX IS LOCATED WITHIN 30" OF A FOUNDATION OR SIDE WALK, PULL BOX SHALL BE SET FLUSH WITH THE ADJACENT SURFACE. MOW STRIP CONCRETE SHALL BE POURED FLUSH WITH FOUNDATION OR SIDE WALK.

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

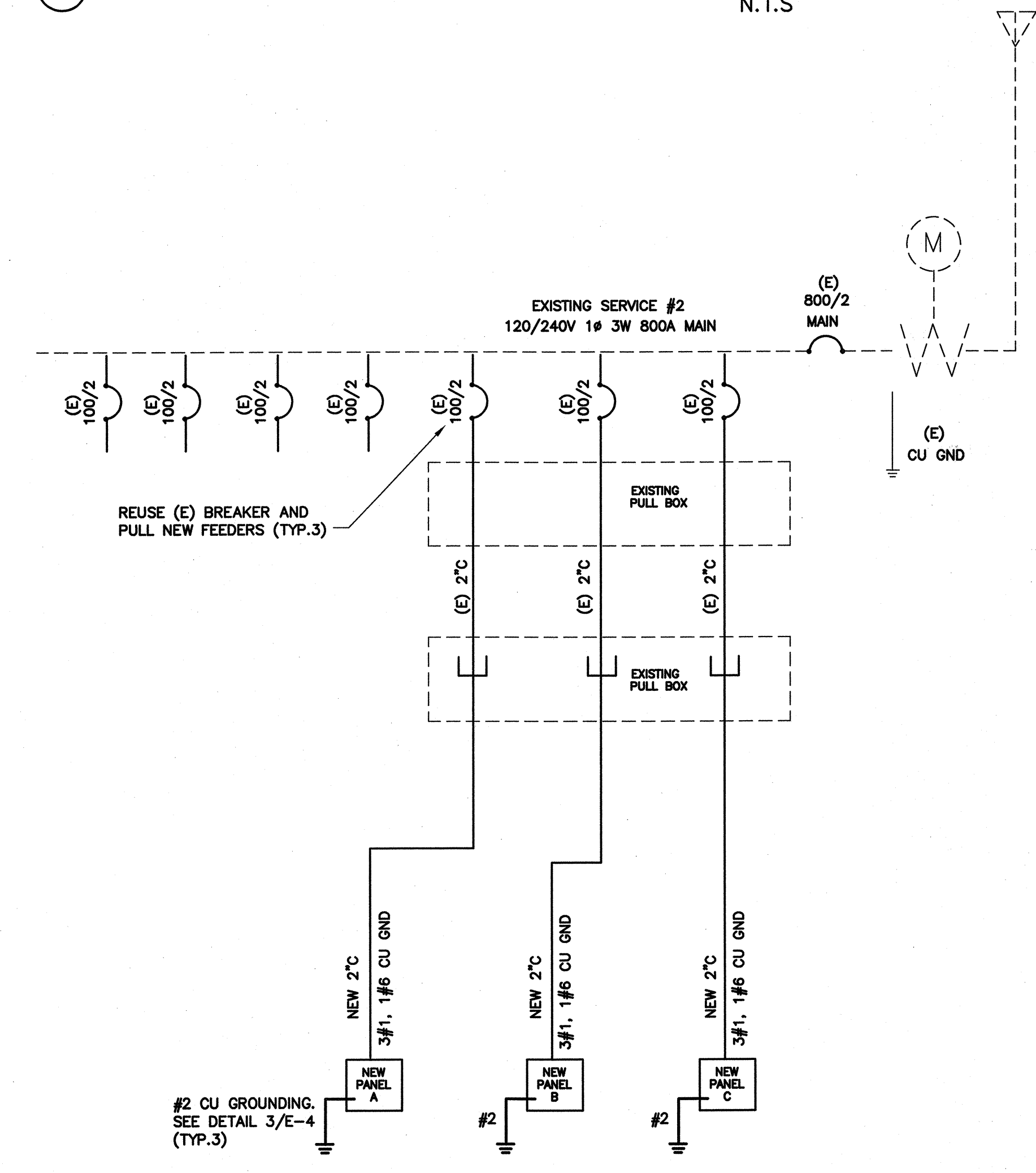


NOTES:
 1. SIZE OF CONDUCTORS SHALL COMPLY WITH CEC TABLE 250-66.
 2. BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL AND TO METAL BUILDING FRAME PER CEC 250-50. IN ADDITION TO THE DETAIL SHOWN ABOVE BOND THE ELECTRICAL GROUND TO METAL WATER PIPE EMBEDDED AT LEAST 10 FT. IN SOIL IF AVAILABLE (CEC 250-50, 250-82).
 3. ALL MADE OF METAL FRAME BUILDINGS SHALL BE ELECTRICALLY BONDED TOGETHER, BOND TO HAND RAIL AND WATER PIPE IF APPLIED. (BOLTING ONLY IS NOT ACCEPTABLE BONDING).
 4. CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEED 25 OHMS, INSTALL ADDITIONAL GROUND RODS WITH CONDUCTORS AS SHOWN SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS (CEC 250-84).
 5. FIELD INSPECTOR SHALL WITNESS GROUNDING TEST.

3 GROUNDING DETAIL N.T.S



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



NOTES:
 1. PROVIDE NEW MATCHING BREAKERS, FEEDERS AND PANELS PER PLANS.
 2. ALL NEW CONDUCTOR SHALL BE 75°C THWN-2 COPPER IN CONDUIT. (AMPACITY FOR CONDUCTOR SELECTION MUST BE DETERMINED/DERATED BY THE ALLOWED TERMINATION RATINGS MARKED/APPROVED ON EACH DEVICE, MOTOR, APPLIANCE, XFMR O.C.P.C. PANEL, ETC. CONDUCTORS INSTALLED IN U.G OR WET LOCATIONS SHALL BE MARKER 'W' PER 2010 CEC 110-14(C)(1)).
 3. ALL WIRING OVER 100 VOLT SHALL BE INSTALLED IN RACEWAY CONDUIT, EMT ABOVE GRADE, PVC SCH. 40 BELOW GRADE AND STEEL CONDUIT ON EXPOSE SURFACE BELOW 8' AFF. FOR PHYSICAL PROTECTION.
 4. MC CABLE WITH SEPARATE GROUND CONDUCTOR CAN BE USED IN CEILING AND CONCEAL IN WALL.
 5. STEEL BACK BOX SHALL BE PROVIDE FOR ALL NEW ELECTRICAL DEVICES SUCH AS SWITCH, OUTLET AND CONDUCTOR SPLICE.
 6. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING SWITCHBOARD AND PANELS ARE INSTALL PER ONE LINE DIAGRAM PRIOR TO WORKING, AND REPORT TO ENGINEERS IF ANY DISCREPANCY ARE FOUND.

1 SINGLE LINE DIAGRAM N.T.S

CONSULTING ENGINEERS
JOHN CHONG ENGINEERING
 2017 E DELCATOR AVE, FRESNO CA 93720
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REGISTERED PROFESSIONAL ENGINEER
 JOHN S. CHONG
 E 14419
 Exp. 6/30/2014
 ELECTRICAL
 STATE OF CALIFORNIA

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Project Name & Address:
McKINLEY ELEMENTARY 3 RELOCATABLE CLASSROOMS
 BAKERSFIELD CITY SCHOOL DISTRICT
 601 FOURTH ST., BAKERSFIELD, CA

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

Sheet Title:
DETAILS AND SYSTEM DIAGRAMS

Issue Date: 06/00/13
 Date: 06/02/13
 Designer: J CHONG
 DR: J CHONG
 PC: CJM

Agency Approval Stamp:
 FILE # 15-6
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 03-115336
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 DATE: JAN 08 2014
 TRACKING #: 63321-126

Stamp(s):

Job No.: **5084**

Sheet No.: **E-4**

Release:

JOB# 4736

MODULAR CLASSROOM BUILDING

FOR WILLIAMS SCOTSMAN

BUILDING SIZE: 24'x40' (50 UNITS)

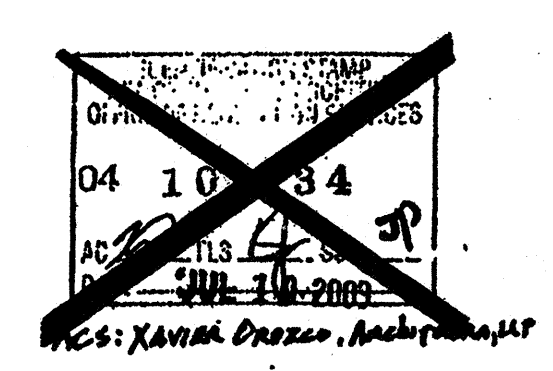
STOCKPILE

CLASS LEASING INC
STOCKPILE 76- A# 04-105455 CERTIFIED 3/25/2005

SERIAL NUMBERS

- 47944-001/002
47945-001/002
47946-001/002
47947-001/002
47948-001/002
47949-001/002
47962-001/002
47963-001/002
47980-001/002
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48722-001/002
48724-001/002
48725-001/002
48726-001/002
48728-001/002
48733-001/002
48734-001/002

PC-04-104796



PC
CBC 2001

NOTES
SECTION 2213A.4.1 OF THE 2001 CBC
ALL WELDS IN PRIMARY MEMBERS AND CONNECTIONS IN THE LATERAL FORCE-RESISTING SYSTEM SHALL BE MADE WITH A FILLER METAL THAT HAS A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT-LBS AT MINUS 20 DEGREES F.

BUILDING DATA

STRUCTURAL DESIGN: ORDINARY MOMENT RESISTANT FRAME
TYPE OF CONSTRUCTION: V-N
WIND LOAD (EXP C): 80 MPH
SEISMIC ZONE 4, SEISMIC SOURCE TYPE A, DISTANCE <= 1.25 MILES
Z = .4 I = 1.0 Cv = 1.28 Nv = 2.0
R = 4.5 Ca = 0.66 Na = 1.5 SOIL TYPE = Sp
FLOOR LIVE LOAD: 50 PSF
ROOF LIVE LOAD: 20 PSF
OCCUPANCY: 24'x40' CLASSROOM: E-2
BUILDING AREA: 24'x40' BUILDING - 960 SF
- COMPLIES WITH CLIMATE ZONES 1-15
THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A FIRE SPRINKLER SYSTEM.

APPLICABLE CODES

- 2001 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1, 2, AND 3 (PART 2, TITLE 24, CCR) (1997 EDITION UNIFORM BUILDING CODE WITH 2001 CALIFORNIA AMENDMENTS)
2001 CALIFORNIA ELECTRICAL CODE (CEC), (PART 3, TITLE 24, CCR) (1999 EDITION NATIONAL ELECTRICAL CODE WITH 2001 CALIFORNIA AMENDMENTS)
2001 CALIFORNIA MECHANICAL CODE (CMC), (PART 4, TITLE 24, CCR) (2000 EDITION IMPMO UNIFORM MECHANICAL CODE WITH 2001 CALIFORNIA AMENDMENTS)
2001 CALIFORNIA PLUMBING CODE (CPC), (PART 5, TITLE 24, CCR) (2000 EDITION IMPMO UNIFORM PLUMBING CODE WITH 2001 CALIFORNIA AMENDMENTS)
2001 CALIFORNIA FIRE CODE (PART 9, TITLE 24, CCR)
2001 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)
2001 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)
2001 CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24, CCR)
TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

LEGEND

Table with 2 columns: SYMBOL and DESCRIPTION. Symbols include circles with numbers, triangles with numbers, clouds, and various letters like EL, HV, PLG, STR, FIN, RAMP.

ABBREVIATIONS

- AGC - ABOVE GRADE CONCRETE
BOC - BELOW GRADE CONCRETE
DIA - DIAMETER
CLR - CLEAR
GA - GAUGE
MAX - MAXIMUM
MIN - MINIMUM
NIC - NOT IN CONTRACT
NTS - NOT TO SCALE
OC - ON CENTER
OD - OUTSIDE DIAMETER
OSB - ORIENTED STRAND BOARD
ROH - ROOF OVERHANG
SIM - SIMILAR
STS - SELF TAPPING SCREW
STSMS - SELF TAPPING SHEET METAL SCREW
TYP - TYPICAL
UN - UNLESS OTHERWISE NOTED

WITH THE SIGNING OF THESE DRAWINGS, WE ACKNOWLEDGE THAT WE HAVE REVIEWED THESE PLANS AND SPECIFICATIONS AND HAVE FOUND THEM TO BE IN GENERAL COMPLIANCE WITH THE BID DRAWINGS, SPECIFICATIONS AND ASSOCIATED ADDENDA. WHEN THESE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY THE DIVISION OF THE STATE ARCHITECT, THEY SHALL PRESIDE OVER CONFLICTING AREAS IN THE BID DRAWINGS AND SPECIFICATIONS, AND ANY ADDENDA THERETO.

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SHEET INDEX

ARCHITECTURAL SITE SET-UP FOR RELOCATION

- A0 TITLE SHEET
A1.0 FLOOR PLAN
A1.1 FLOOR PLAN
A2.01 REFLECTED CEILING PLAN (2 LIGHTS)
A2.02 REFLECTED CEILING PLAN (10 LIGHTS)
A2.03 REFLECTED CEILING PLAN (12 LIGHTS)
A2.04 REFLECTED CEILING PLAN (12 LIGHTS)
A3.01 EXTERIOR ELEVATIONS (DUAL PITCH) W/ FASCIA
A3.02 EXTERIOR ELEVATIONS (DUAL PITCH) W/O FASCIA
A4.01 ARCHITECTURAL DETAILS (METAL STUDS)
A4.02 ARCHITECTURAL DETAILS (METAL STUDS)
A4.03 ARCHITECTURAL DETAILS (METAL STUDS)
A4.04 ARCHITECTURAL DETAILS (METAL STUDS)

- A5.01 DOOR, WINDOW, FINISH, HARDWARE SCHEDULES
A5.02 DOOR, WINDOW, FINISH, HARDWARE SCHEDULES
A5.03 DOOR, WINDOW, FINISH, HARDWARE SCHEDULES
A5.04 DOOR, WINDOW, FINISH, HARDWARE SCHEDULES

- A6.01 EXTERIOR ELEVATIONS (DUAL PITCH) W/ FASCIA
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A6.06 ARCHITECTURAL DETAILS (METAL STUDS)

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- STRUCTURAL
F1.0 FOUNDATION PLAN 50 PSF LL (WOOD)
F1.01 FOUNDATION PLAN 50 PSF LL (WOOD)
F1.02 FOUNDATION PLAN 50 PSF LL (WOOD)
F2.0 FOUNDATION DETAILS (WOOD) W/ 3 PLATES
F2.01 FOUNDATION DETAILS (WOOD) W/ 3 PLATES
F2.02 FOUNDATION DETAILS (WOOD) W/ 3 PLATES
S1.2 FLOOR FINISH DETAILS (TYPICAL)
S2.0 ROOF FINISH PLAN (DUAL PITCH) W/ FASCIA
S2.01 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.02 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.03 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.04 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.05 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.06 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.07 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.08 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.09 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.10 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.11 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.12 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.13 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.14 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.15 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.16 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.17 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.18 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.19 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
S2.20 ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA

- MECHANICAL
M1.01 MECHANICAL PLAN - 5 TON
M1.02 MECHANICAL PLAN - 5 TON
M1.03 MECHANICAL PLAN - 5 TON

- ELECTRICAL
E1.01 ELECTRICAL PLAN
E1.02 ELECTRICAL PLAN
E1.03 ELECTRICAL PLAN
E1.04 ELECTRICAL PLAN

- RAMP
R1.01 RAMP/STAIRS DETAILS
R1.02 RAMP/STAIRS DETAILS
R2.01 RAMP/STAIRS DETAILS
R2.02 RAMP/STAIRS DETAILS
R3.01 FULL LENGTH RAMP/STAIRS AND DETAILS
R3.02 FULL LENGTH RAMP/STAIRS AND DETAILS
R4.01 CONCRETE RAMP/STAIRS
R4.02 CONCRETE RAMP/STAIRS
R5.01 5 FOOT RAMP/LANDING PLAN, 11' CLEARANCE
R5.02 5 FOOT RAMP/LANDING PLAN, 11' CLEARANCE

STRUCTURAL TESTS AND INSPECTIONS
Young Laboratory
Name:
Address:
City:
State:
Zip:
Date:
Application Number:
Concrete:
Guniting:
Grout:
Mortar:
Substrate:
Masonry:
Reinforcing Steel:
Formwork:
Scaffolding:
Shoring:
Bracing:
Other:
Inspector:
Date:
Signature:
Title:
Company:
Address:
City:
State:
Zip:
Phone:
Fax:
E-mail:
Website:
Notes:
Remarks:
All unidentified steel per CBC Chapter 22A (Mill Certs)

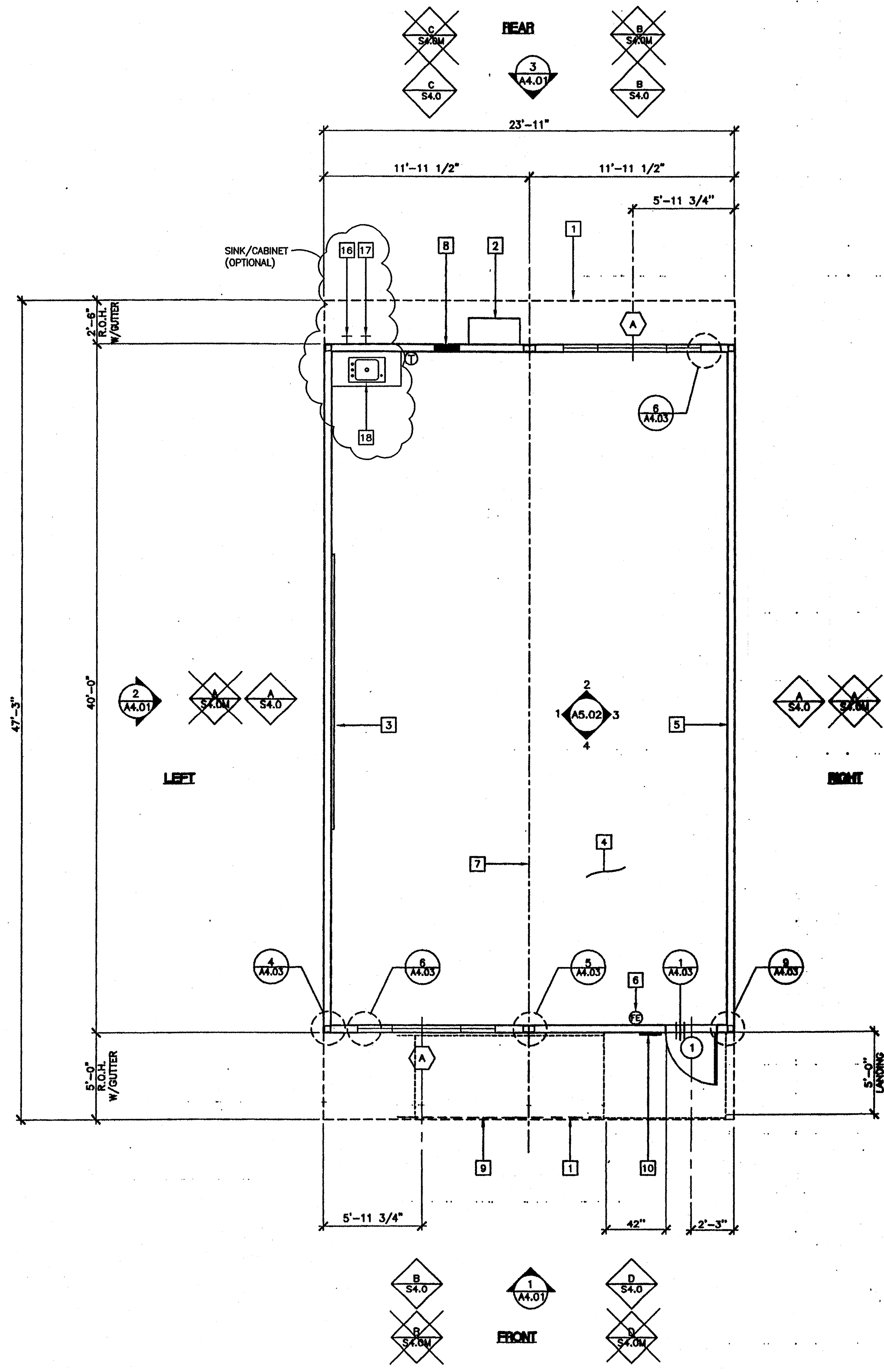
Table with 2 columns: REVISIONS and Description. Contains revision numbers and descriptions.

Professional Engineer Seal for V. Garcia, State of California, No. 104796, dated 7/17/2003. Includes Modtech logo and contact information.

PROJECT NUMBER: 4736
WILLIAM SCOTSMAN
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DATE: 07/07/03
CHECKED BY:
DATE: STKP-76
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A.0

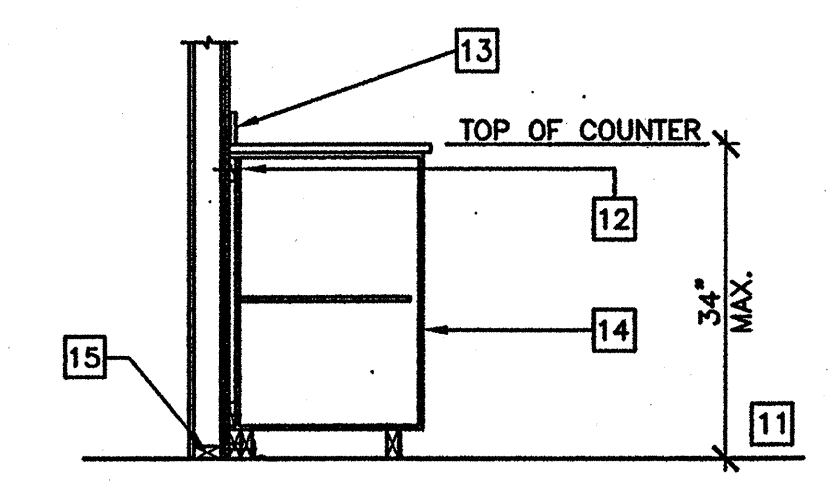
COVER SHEET

FILE PATH
PROJECT NO. 4736
PC-04-104796



FLOOR PLAN
OPP-HAND

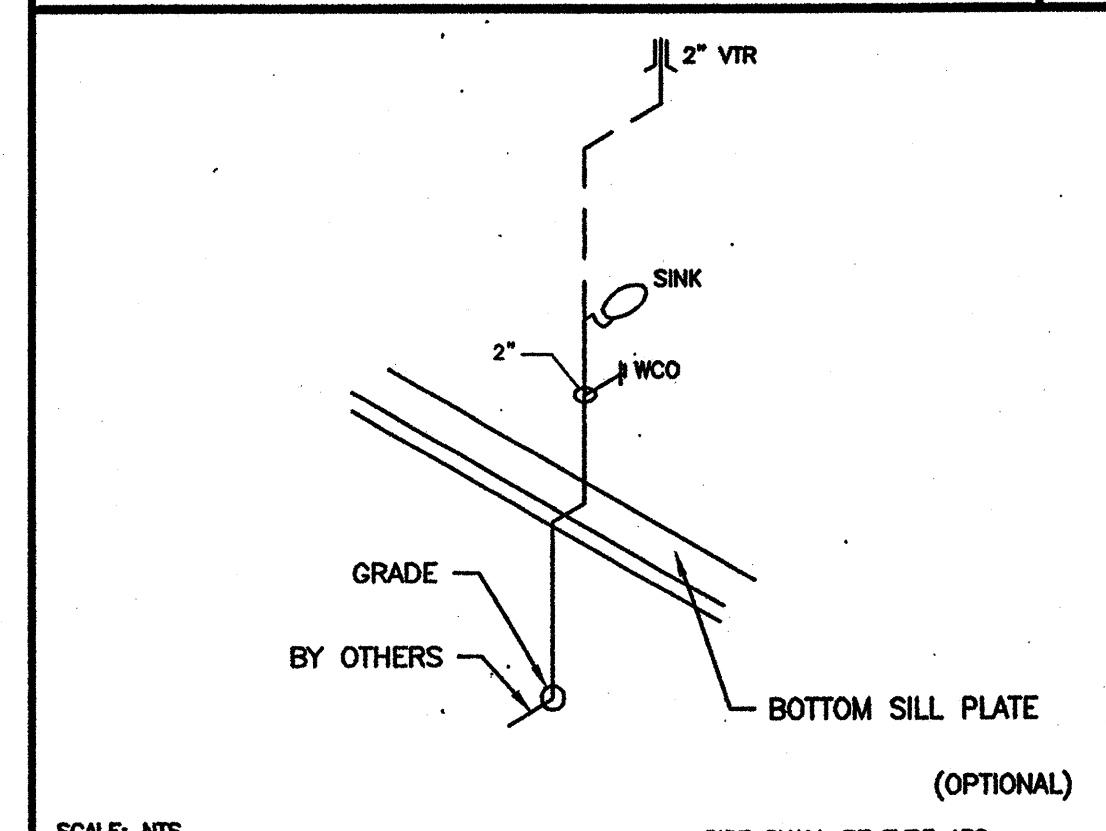
SCALE: 1/4" = 1'-0"
24x40



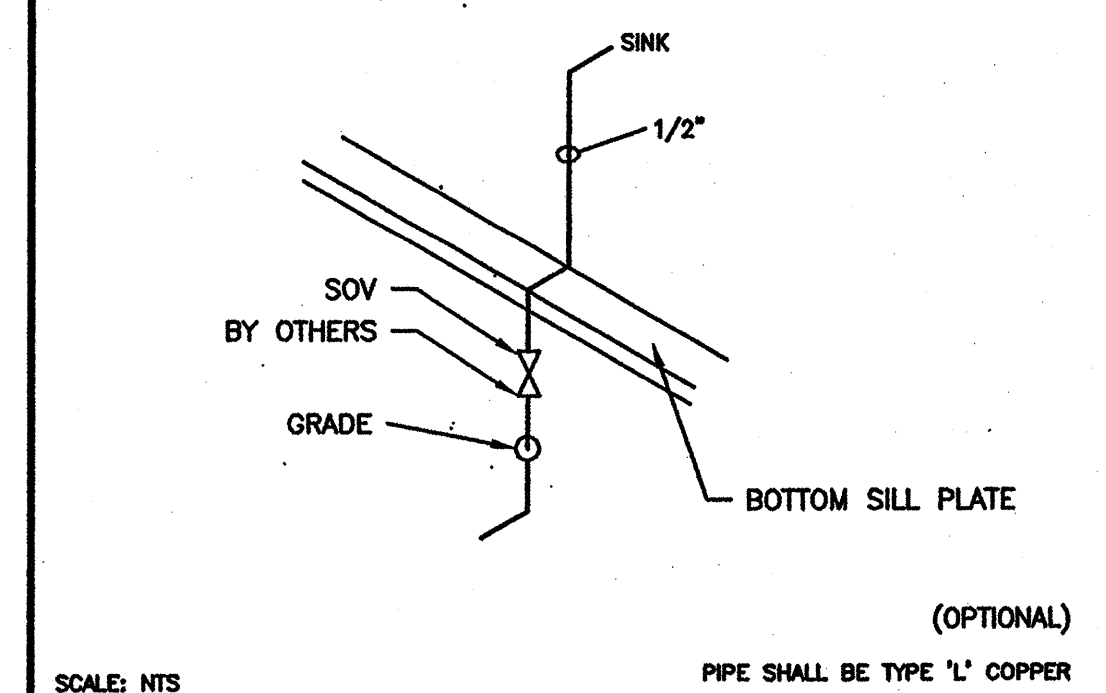
NOTES:
1. SEE PLANS AND ELEVATIONS FOR EACH SPECIFIC DESIGN.
2. REMOVE TOE KICK AND BASE FOR ACCESSIBLE CONDITION
3. PROVIDE U SHAPED WIRE PULLS AT ALL ACCESSIBLE CASEWORK OR EQUAL.

SCALE: NTS (OPTIONAL)

BASE CABINET ANCHORAGE 1



SINK CABINET WASTE 2



SINK CABINET COLD WATER SUPPLY 3

- KEY NOTES**
- 1 ROOF OVERHANG
 - 2 HVAC UNIT (HV)
 - 3 2 - 8"x4" PORCELAIN STEEL MARKER BOARDS (SEE SPEC'S FOR TYPE)
 - 4 FINISH FLOORING (FIN)
 - 5 INTERIOR FINISH (FIN)
 - 6 FIRE EXTINGUISHER - 5 LBS DRY CHEMICAL WITH 2A-10BC UL RATING WALL MOUNTED BRACKET, HANDLE AT 48" AFF
 - 7 MODLINE (M)
 - 8 ELECTRICAL PANEL
 - 9 RAMP/LANDING (RMP) SEE RAMP DRAWINGS
 - 10 SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY, SEE A6.02
 - 11 FINISH FLOOR
 - 12 4"x22 GA CONTINUOUS METAL STRAPS WITH #14 STMS AT 24" OC
 - 13 BACK SPLASH
 - 14 BASE CABINET
 - 15 BOTTOM PLATE
 - 16 COLD WATER P.O.C. SEE DETAIL# 3
 - 17 WASTE P.O.C. SEE DETAIL# 2
 - 18 CLASSROOM SINK, TYP. SEE A5.02
SINK: CRAC-ADA-1725-A-GR
FAUCET: CHICAGO 350. BUBBLER: JSB 10 (OPTIONAL)

- NOTES**
1. METAL TAG ON ALL MODULES. MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING SHOW D.S.A. APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER.
 2. METAL TAG MIN. 3 1/2"x1 1/2" STAMPED METAL I.D. W/
1. OPSC BUILDING NUMBER
2. DESIGN WIND LOAD
3. DESIGN ROOF LOAD
 3. PROVIDE MIN. 3 1/2"x1 1/2" METAL TAG INSTALLED INSIDE THE ELECTRICAL PANEL SHOWING OPSC NUMBER AND DSA NUMBER.
 3. BLDG. MANUFACTURER TO VERIFY W/ CUSTOMER IF SINK AND CABINET OPTION APPLIES.

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REVISIONS

1		
2		
3		
4		
5		

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Mechanical Engineer's Seal
PC Professional of Record Seal
Architect's Seal

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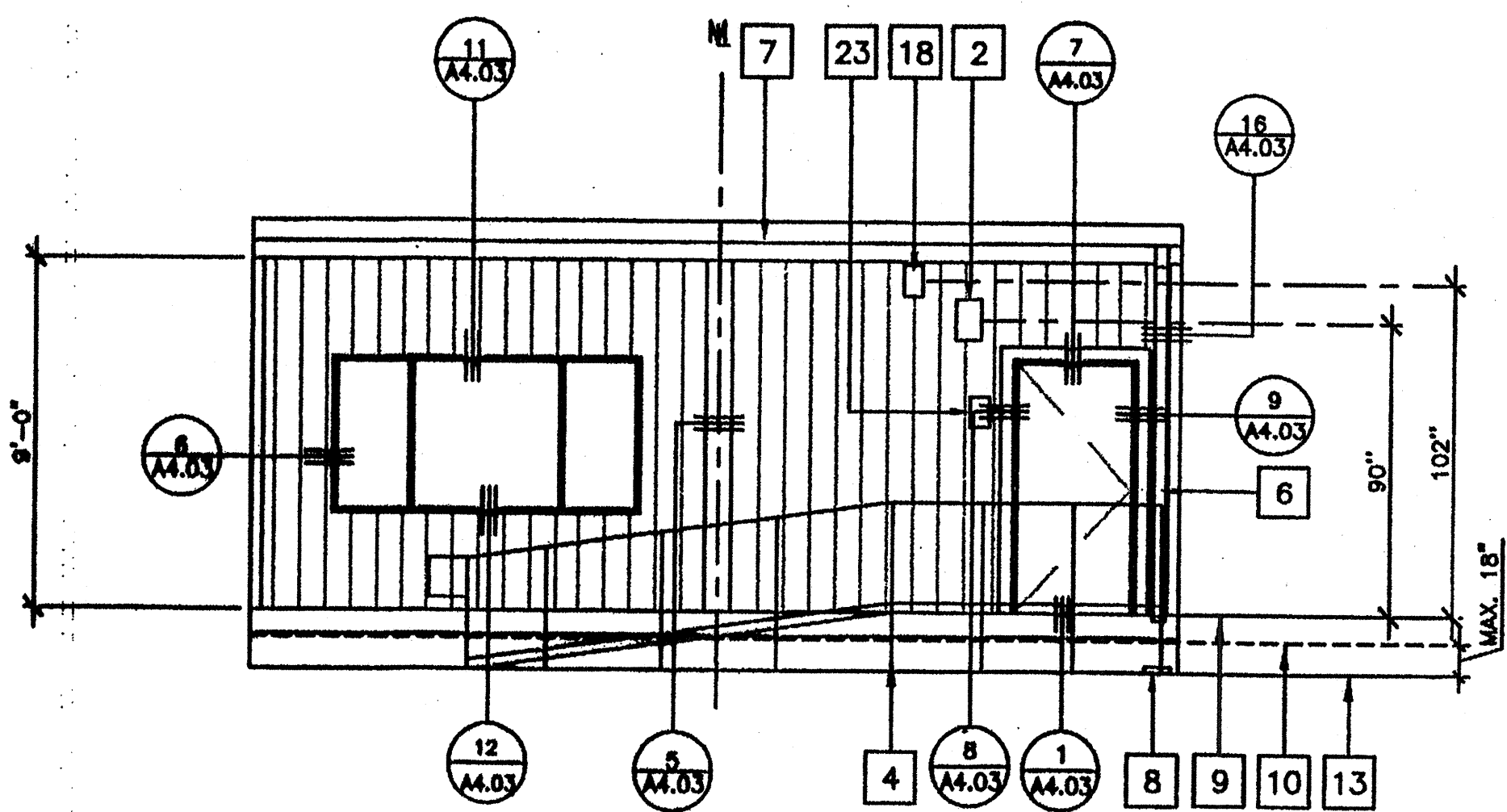
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FLOOR PLAN

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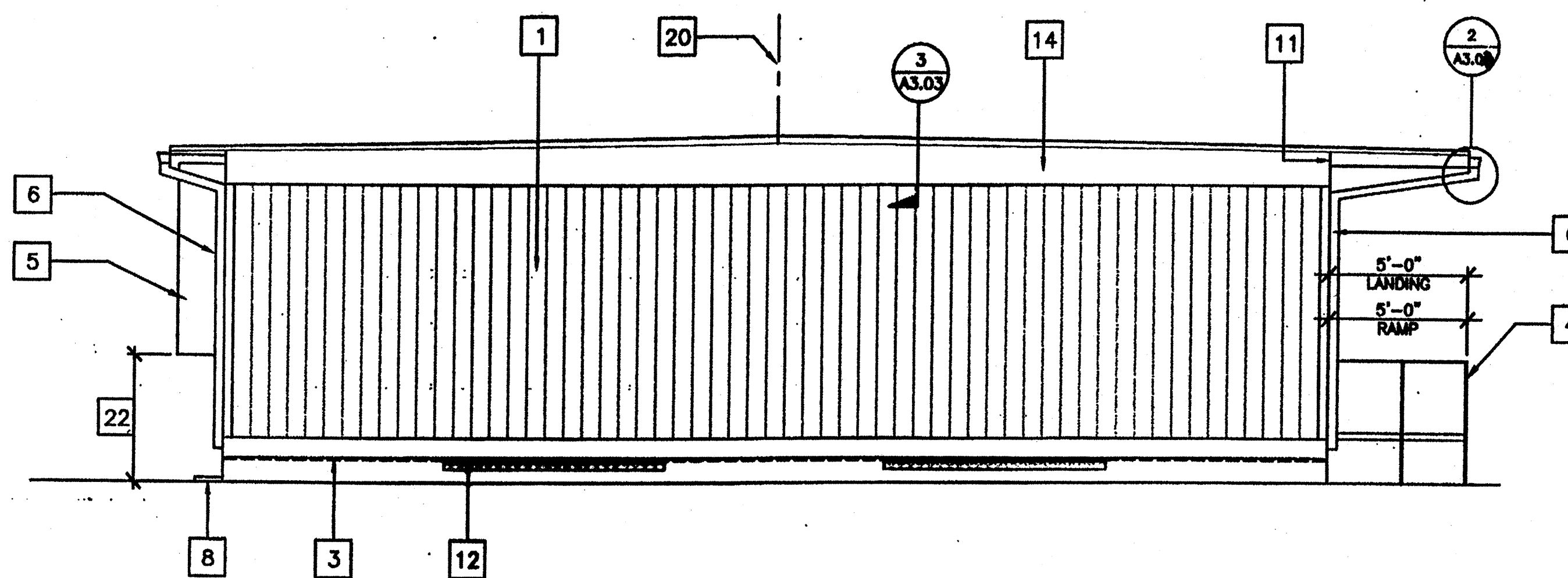
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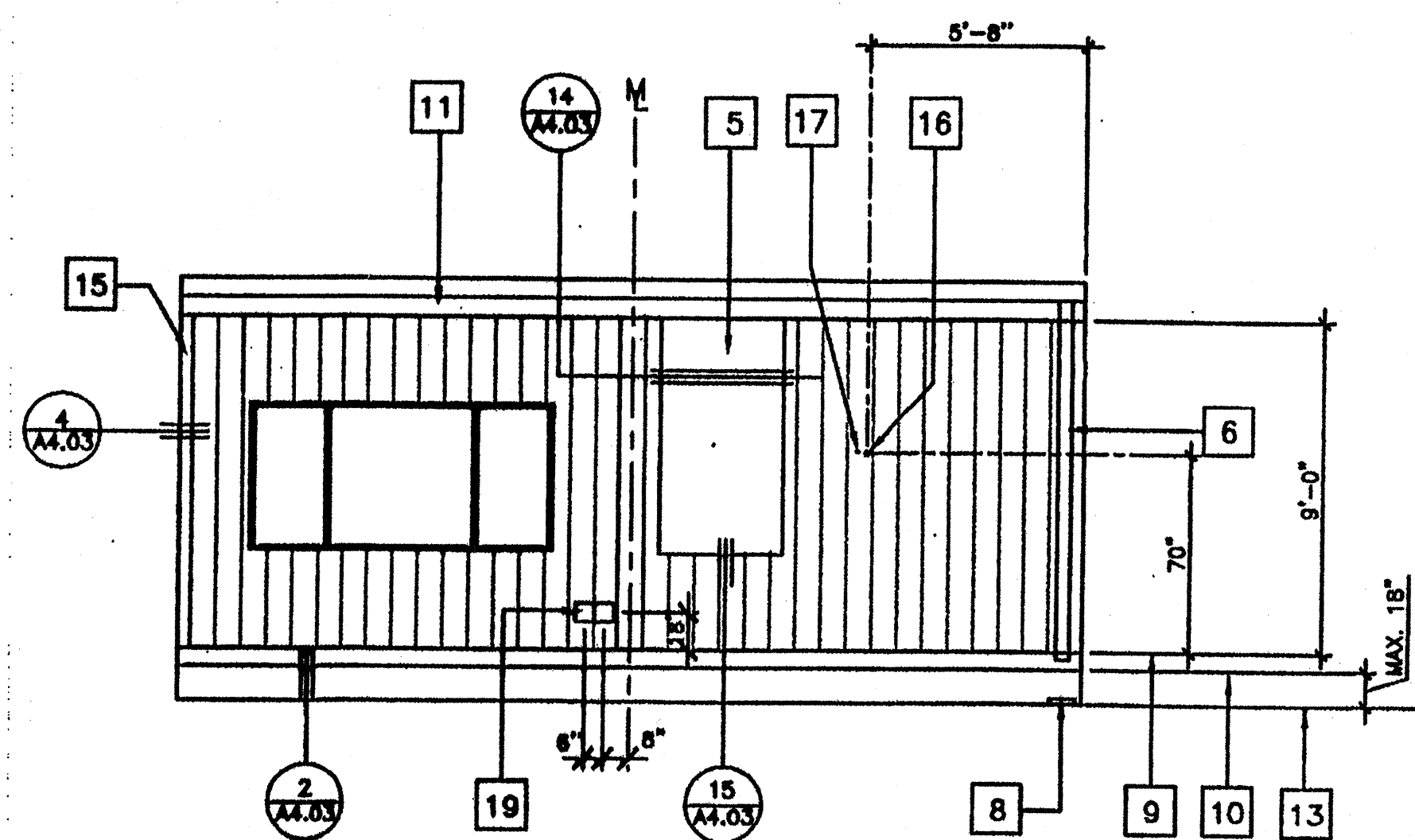
1 FRONT ELEVATION
OPP-HAND

1/4" = 1'-0"



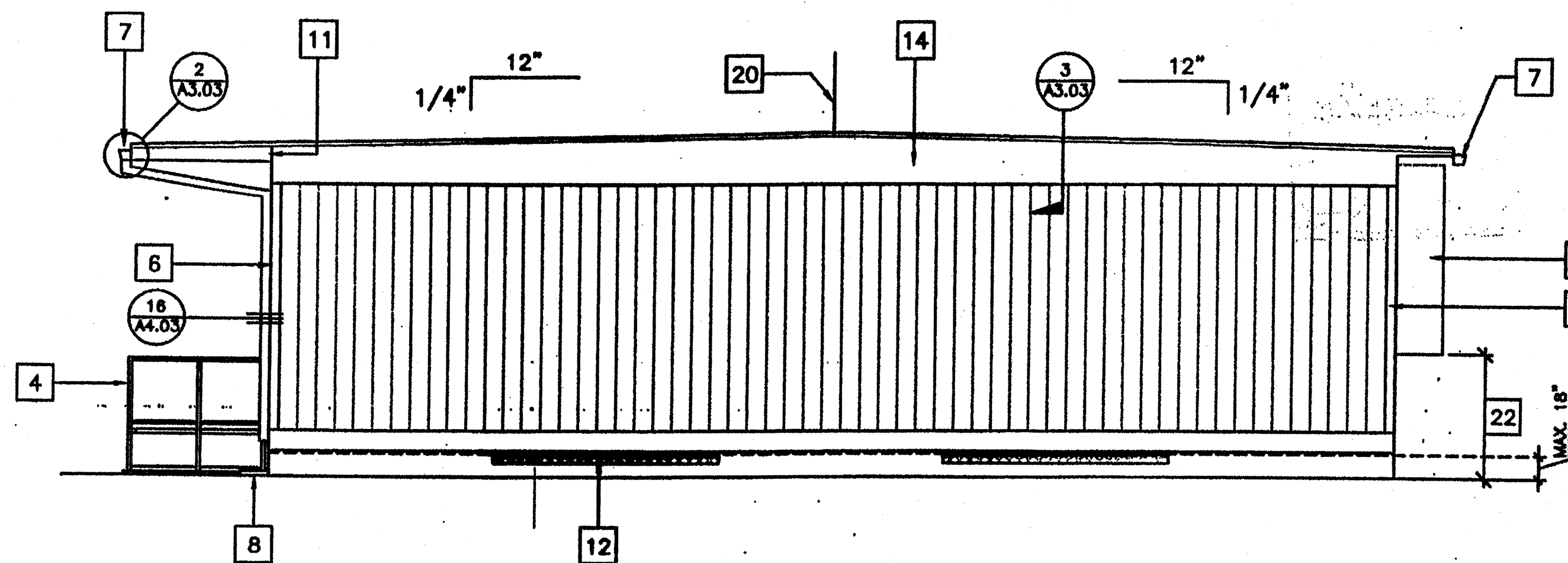
2 LEFT ELEVATION

1/4" = 1'-0"



3 REAR ELEVATION
OPP-HAND

1/4" = 1'-0"



4 RIGHT ELEVATION

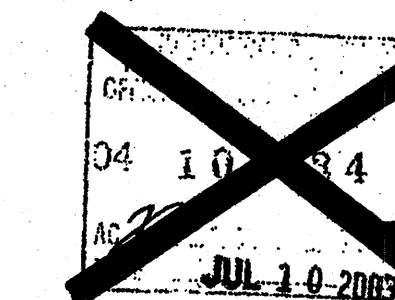
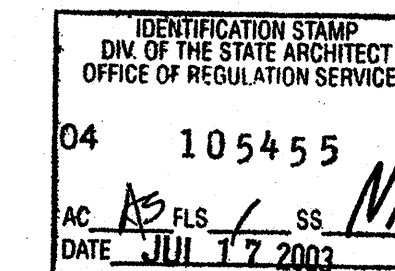
1/4" = 1'-0"

KEY NOTES

- 1 TYPICAL EXTERIOR SIDING (SEE A6.02)
- 2 EXTERIOR LIGHT FIXTURE (SEE SPEC'S)
- 3 TOP OF SKIRTING
- 4 RAMP AND LANDING (RAMP) SEE RAMP DRAWINGS
- 5 HVAC UNIT. SEE (HV)
- 6 DOWNSPOUT (TYP.) FOR (2). FASTEN TO BLD'G. TYP 3 PLACES (SEE 16/A4.03)
- 7 CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN) SEE A3.01
- 8 SPLASH BLOCK (BY OTHERS)
- 9 FINISH FLOOR LINE
- 10 BOTTOM FLANGE OF FLOOR BEAM
- 11 ROOF HEADER
- 12 VENT. SEE FOUNDATION PLAN
- 13 FINISH GRADE
- 14 ROOF BEAM SEE (STR)
- 15 COLUMN SEE (STR)
- 16 ELECTRICAL STUB-OUT SEE (EL)
- 17 GROUND STUB-OUT SEE (EL)
- 18 J BOX FOR EXT. FA HORN SEE (EL)
- 19 NEMA 6" X 6" GUTTER BOX SEE (EL)
- 20 RIDGE
- 21 NOT USED
- 22 IF HVAC UNIT IS LOCATED IN ANY PATH OF TRAVEL OR CIRCULATION AREA AND HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27" THEN PROTECTION MUST BE PROVIDED BY DISTRICT PRIOR TO OCCUPANCY
- 23 SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. SEE SHEET A6.02

NOTES

- 1. SEE FOUNDATION PLAN FOR SIZE AND LOCATION OF UNDER FLOOR VENTS.



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Mechanical Engineer's Seal

PC Professional of Record Seal
Architect's Seal

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WILLIAM SCOTTSMAN

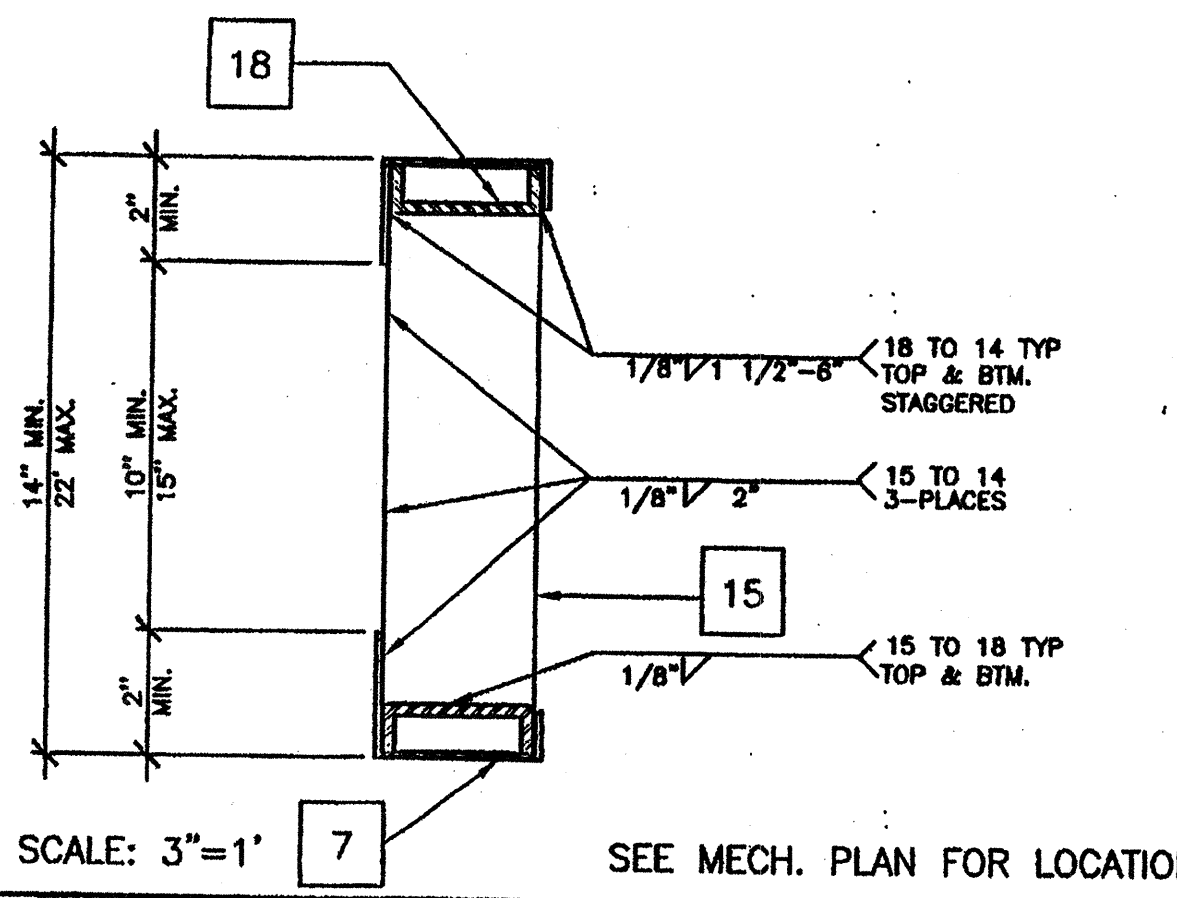
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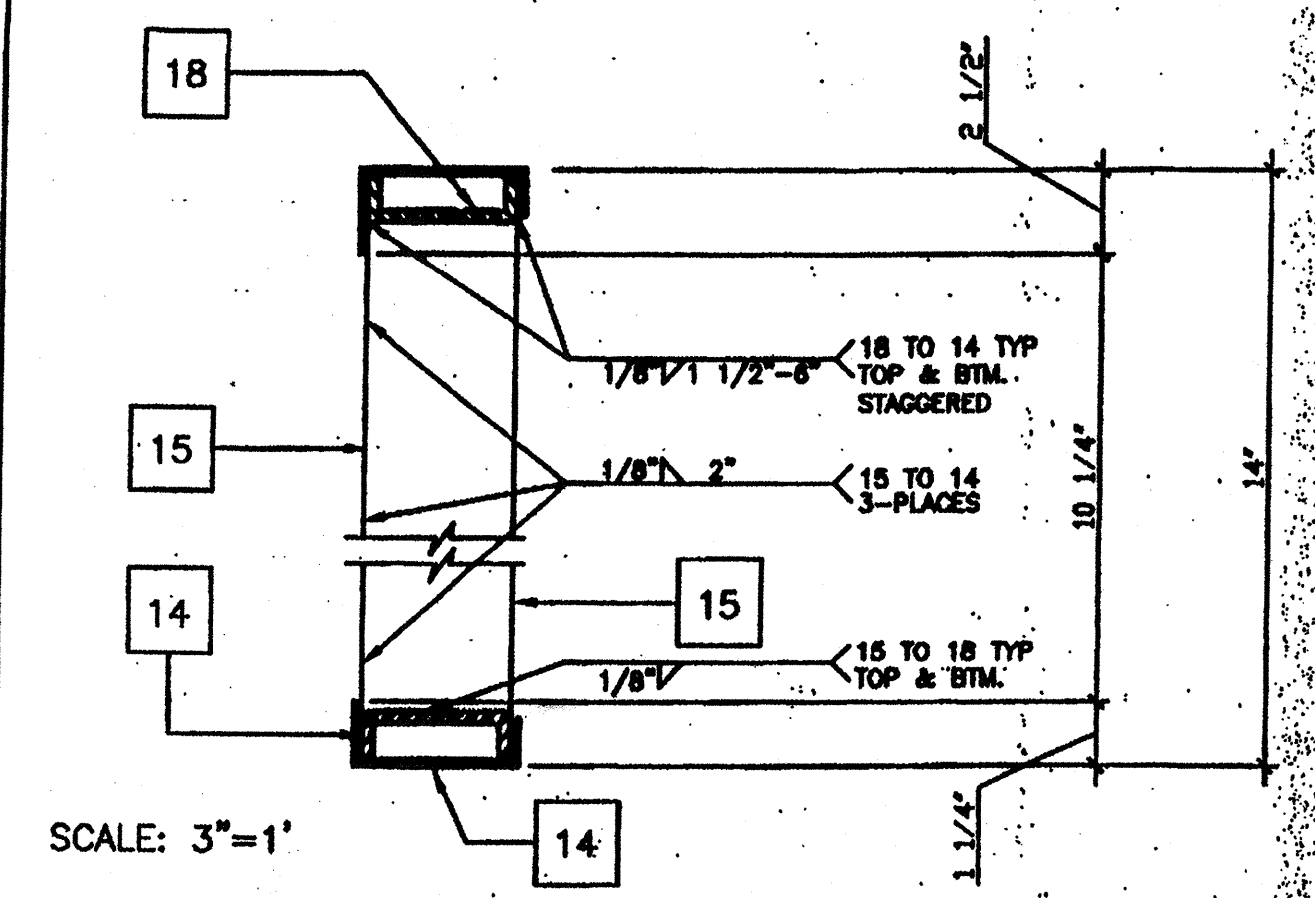
EXTERIOR ELEVATIONS W/ FASCIA

A4.01

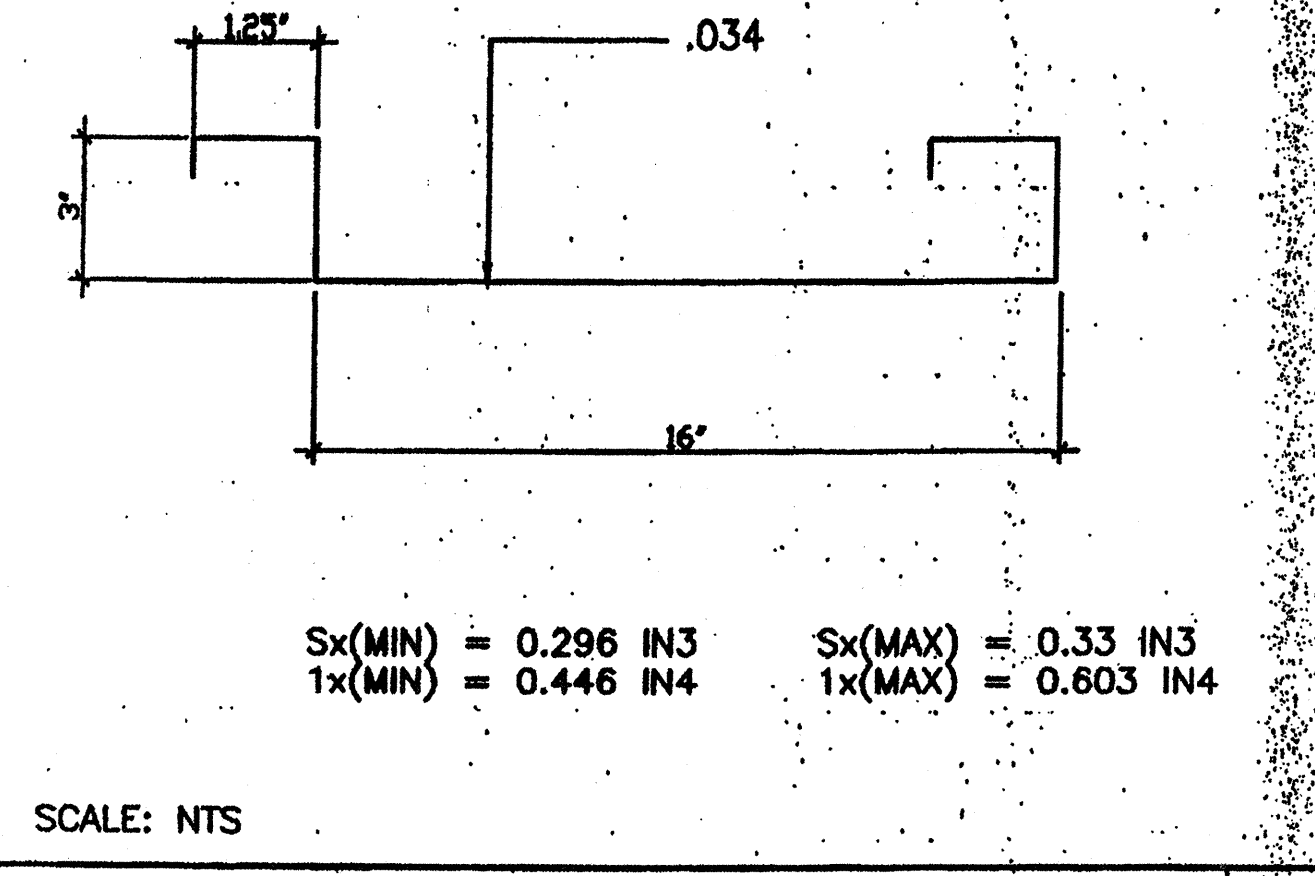
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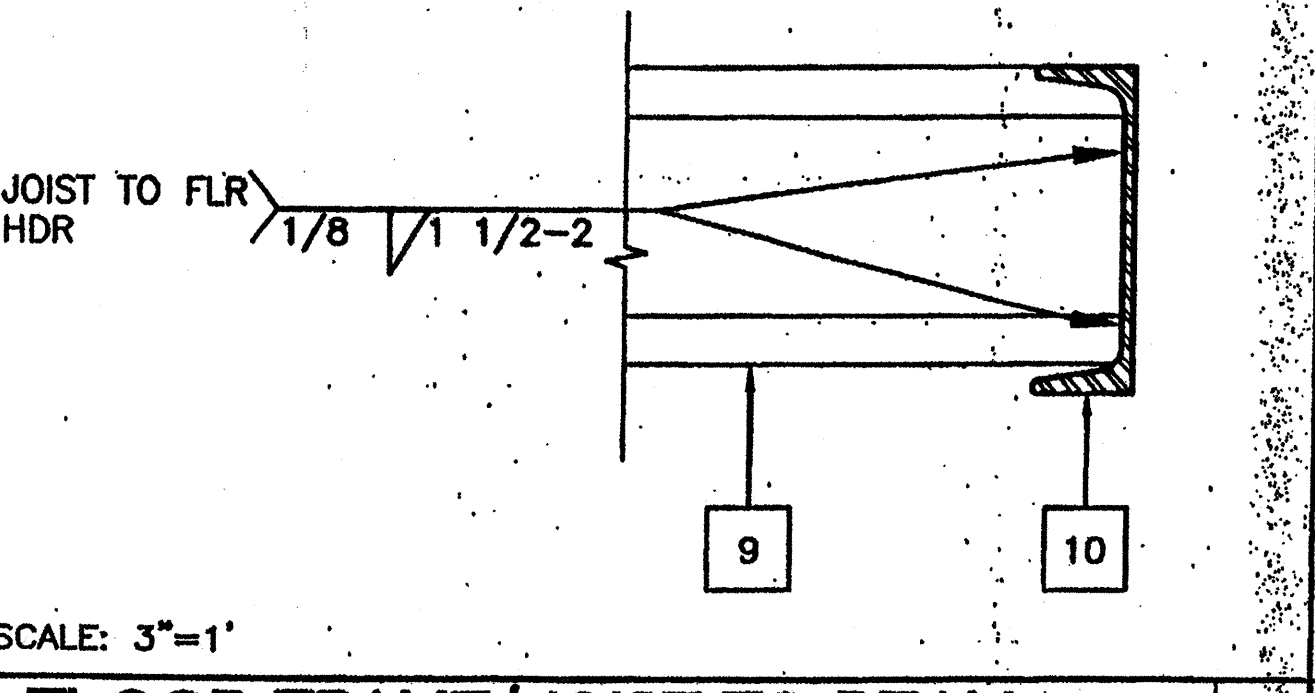
MECH. DUCT OPENING IN ROOF BM. 8



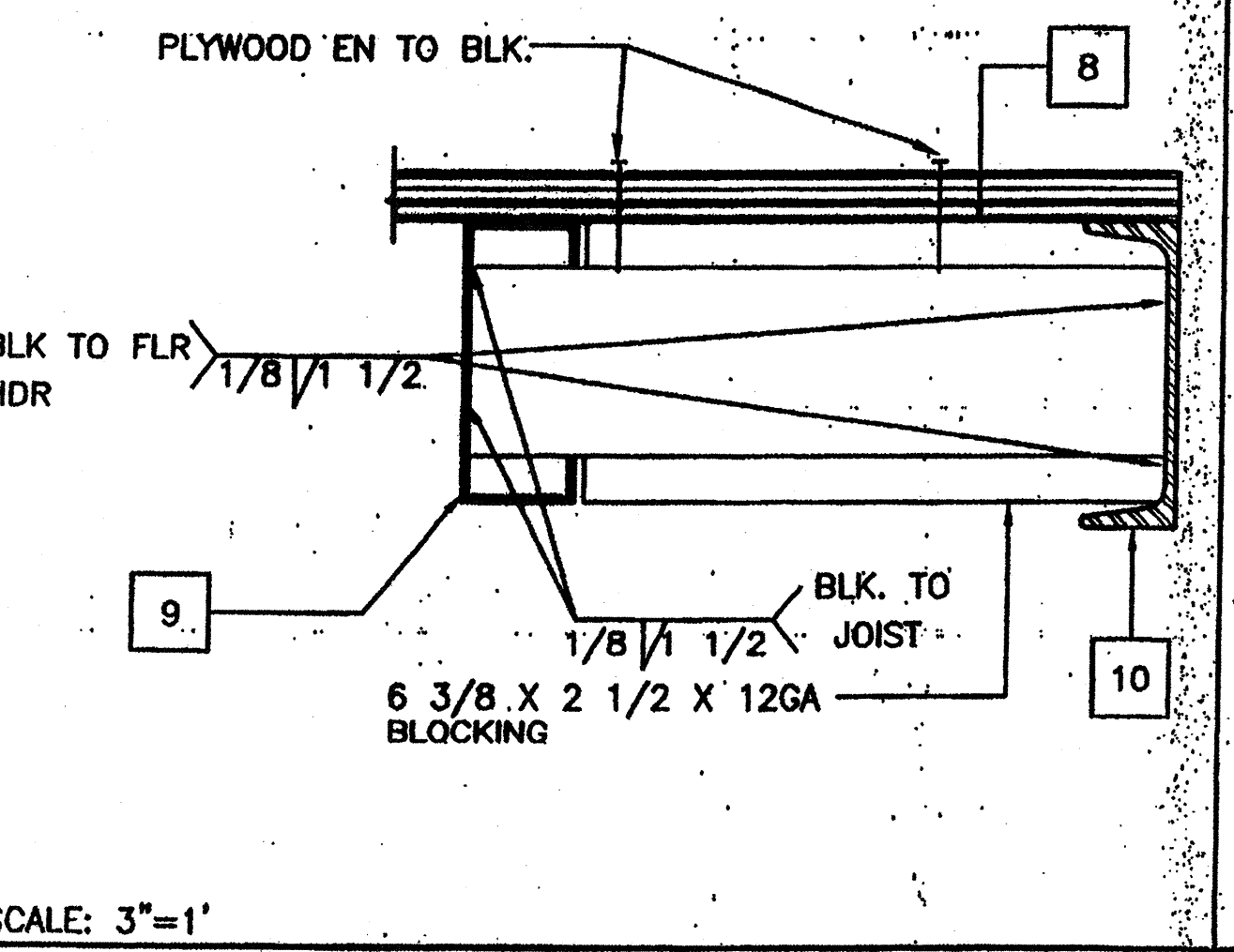
MECH. DUCT OPENING IN HEADER 4



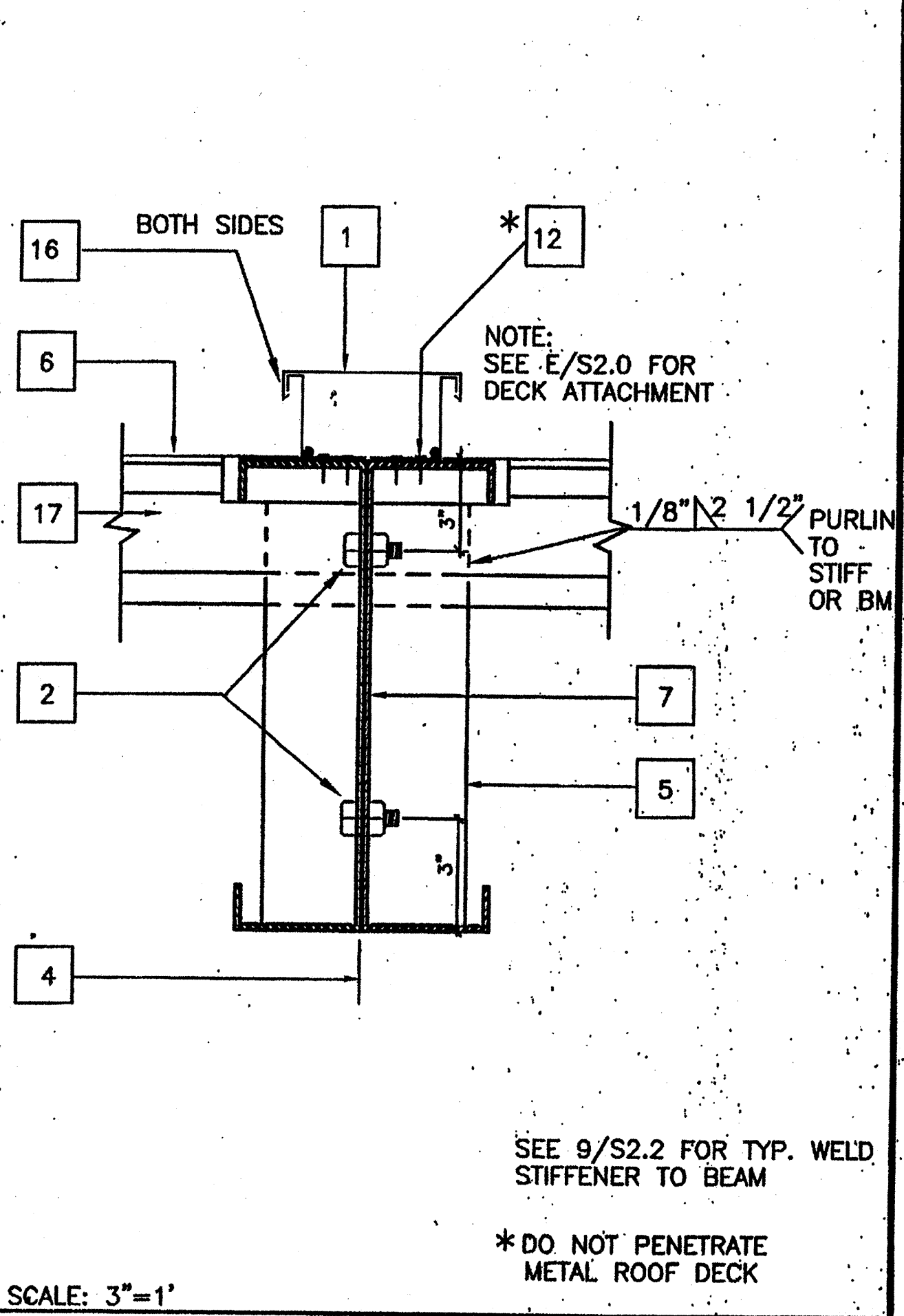
ROOF PAN (22GA) 5



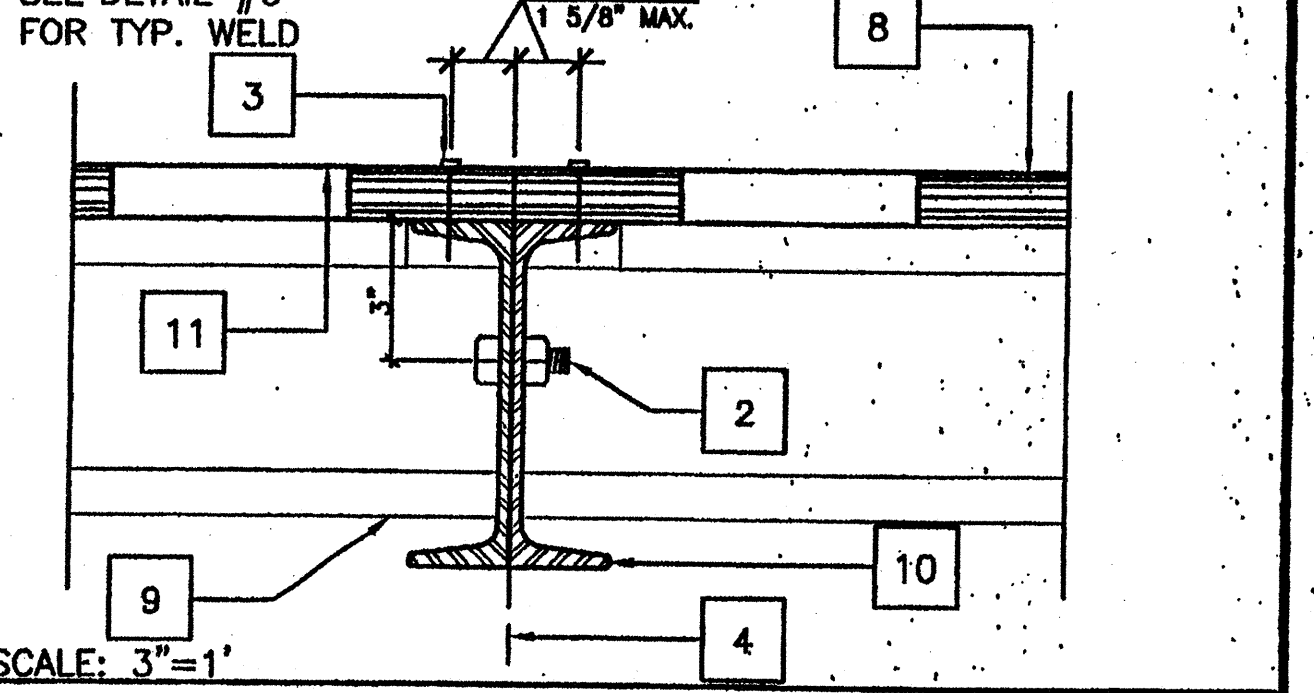
FLOOR FRAME/JOIST TO BEAM 6



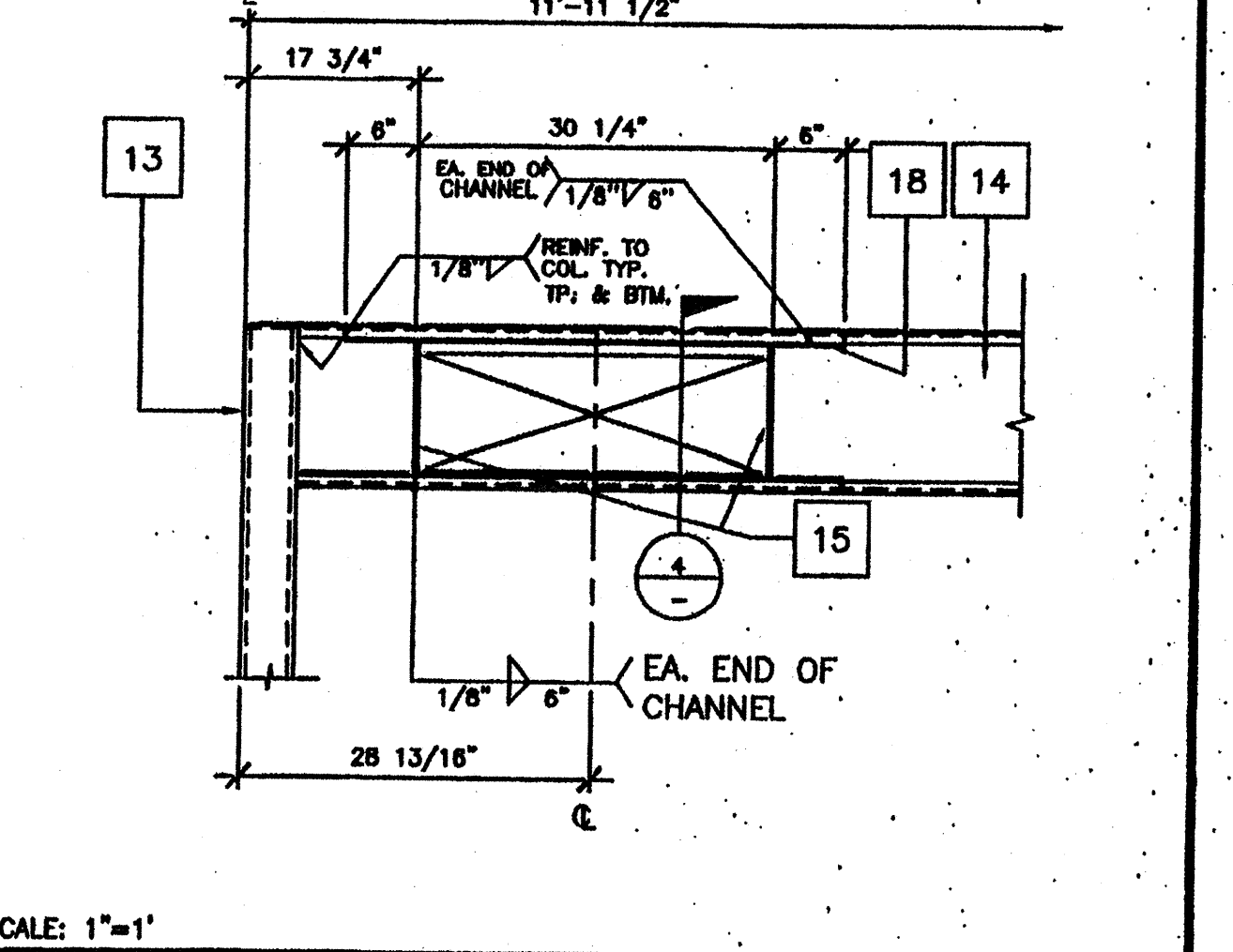
BLOCK AT MIDSPAN 10



ROOFING • MODLINE 1



MODULE JOINT AT FLR. 12'-0" 2



ELEVATION-OPENING 3

- KEY NOTES**
- 1 CAP CLOSURE AT RIDGE 26GA. GALV. W/#10 TYPE FASTENERS W/NEOPRENE WASHERS TO RIB BOTH SIDES OF MODLINE. SET CAP IN SEALANT. BOTH SIDES.
 - 2 5/8" M.B. A307 MODULE JOINT (SEE STRUCTURAL PLAN FOR LOCATION) AT 8" O.C.
 - 3 E.N.
 - 4 MODULE JOINT
 - 5 1/4" THK X 3" FULL DEPTH STIFFENER PLATE AT RIDGE ONLY (SEE 9/S2.2)
 - 6 STANDING ROOF SEAM (SEE A2.0)
 - 7 ROOF BEAM SEE 1/S2.2 & 7/S2.2
 - 8 PLYWOOD FLOOR SHEATHING
 - 9 FLOOR JOIST SEE 6/S2.2
 - 10 FLOOR BEAM SEE 5/S2.2
 - 11 HAND HOLE AT BOLT LOCATION
 - 12 #14 STSMS.
 - 13 3 1/2"x3 1/2"x1/4" STEEL TUBE COLUMN. SEE 12/S2.2
 - 14 ROOF HEADER SEE 3/S2.2
 - 15 1/4" STIFFENER PLATE SEE 9/S2.2 FOR TYP. WELD
 - 16 SEALANT
 - 17 ROOF PURLIN SEE 2/S2.2
 - 18 3 1/4" X 1" X 45 11/16" LG X 10GA CHANNEL TOP AND BOTTOM OF OPENING

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AC FLS / SS 16
DATE JUL 17 2002

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APPO3 115336
AC FLS / SS ED
DATE JAN 08 2014

REVISIONS

Electrical Engineer's Seal	Mechanical Engineer's Seal	PC Professional of Record Seal	Architect's Seal
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PC
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DATE

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

PROJECT NUMBER: 4736
WILLIAM SCOTTSMAN

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STRUCTURAL DETAILS

DRAWN BY: GL
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DATE:

MODTECH Index No.
S1.2

PROJECT NO. 4736

ELECTRICAL PANEL SCHEDULE

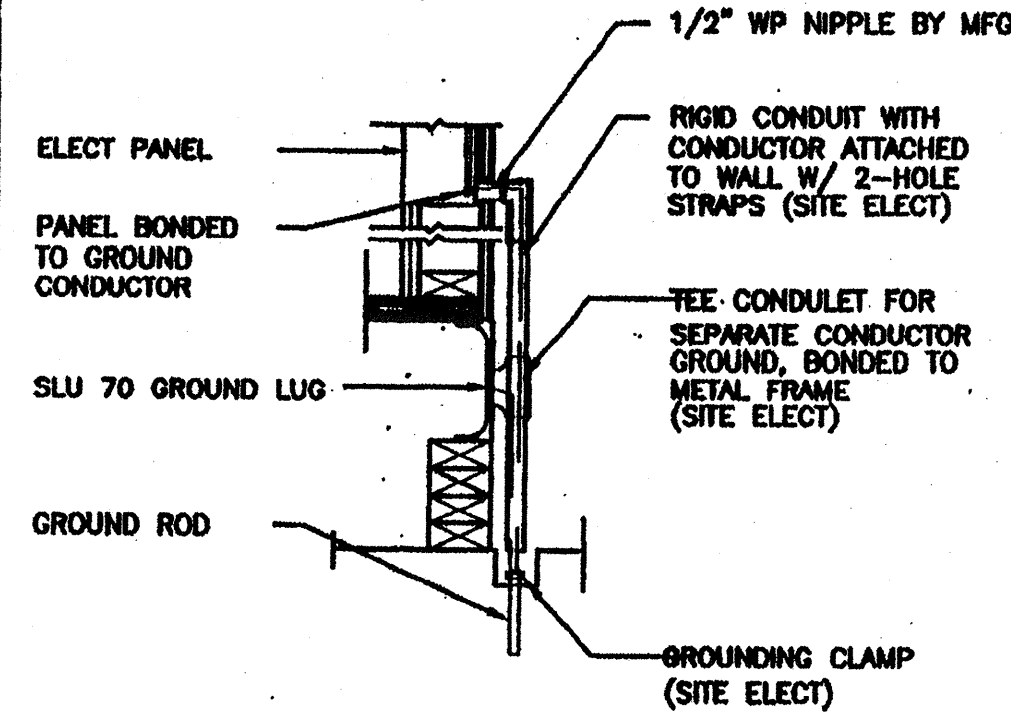
LOAD	WATTS		BREAKER				WATTS		LOAD			
	A#	B#	Amps	P	Q	R	Amps	B#				
RECEPTACLE	720	20	1	1			2	60	7080	HVAC (3 1/2T)		
RECEPTACLE/CLOCK		720	20	1	3		4		7080	HVAC (3 1/2T)		
INT./EXT LIGHTS	900		20	1	3		4					
INT. LIGHTS		840	20	1	3		4					
WATTS/PHASE	A = 8700	1820	1580						7080	7120	B = 8680	WATTS/PHASE
TOTAL	17380	WATTS	72	AMPS	120/240	VOLTS			SINGLE #		THREE	WIRE

GENERAL GROUNDING NOTES

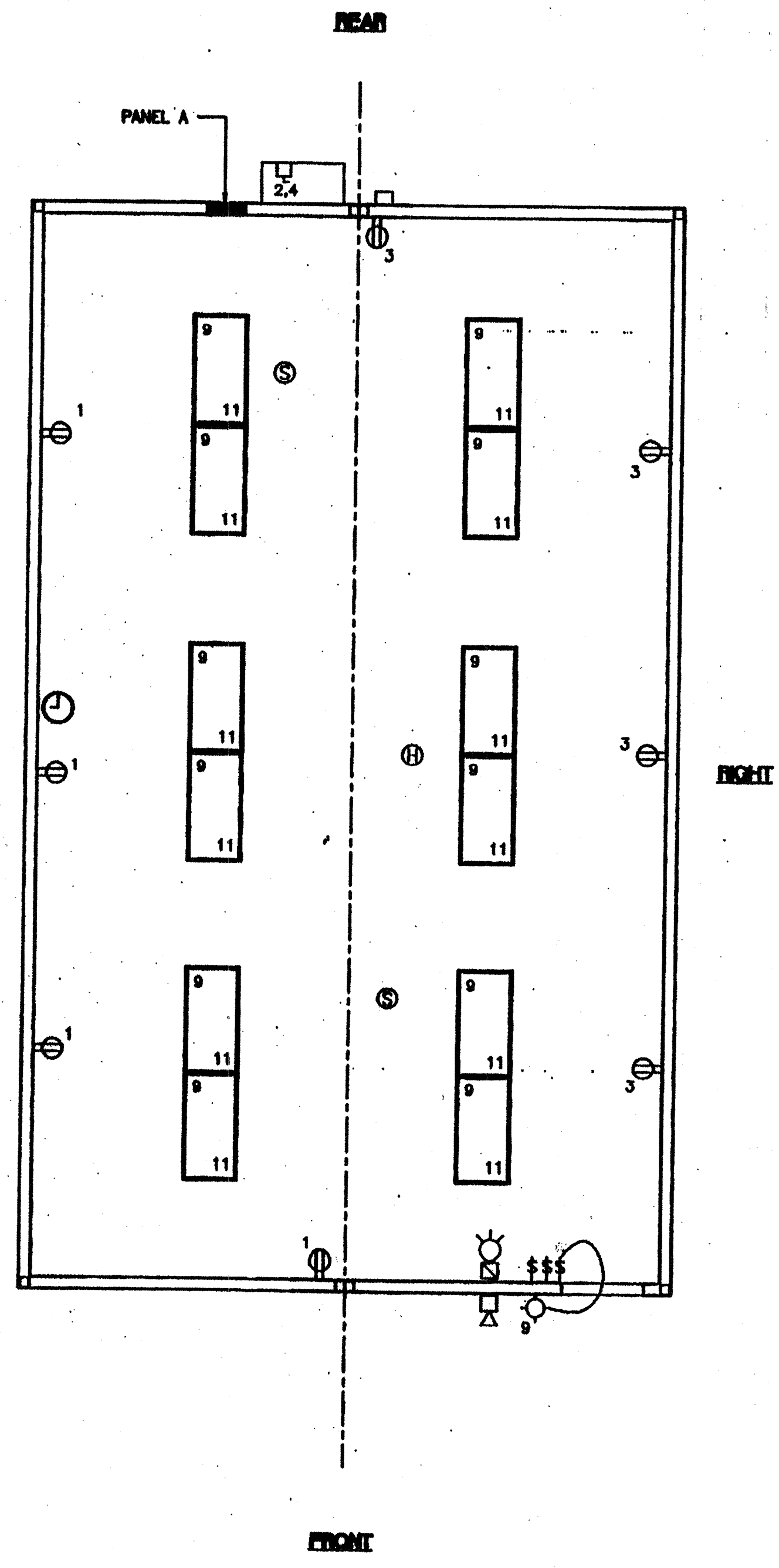
- EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4" RD. X 8' COPPERCLAD STEEL GROUND ROD, WHERE ROCK BOTTOM IS ENCOUNTERED, ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREES FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 30" DEEP (BY SITE ELECTRICAL)
- TESTING: TEST FOR 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" T8 LIGHTS W/ELECT. BALLAST
- ⊕ EXTERIOR LIGHT FIXTURE AT +83" AFF
- ⊕ SWITCH AT +48" AFF
- ⊕ SWITCH AT +48" AFF FOR EXT. LIGHT
- ⊕ 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, 3/4" CO TO ⊕ PULLSTRING
- ⊕ 4SD J-BOX FOR FIRE ALARM STROBE/HORN AT +80" TO TO BOTTOM OF DEVICE AFF. 3/4" CO TO ⊕ PULLSTRING.
- ⊕ 4SD J-BOX FOR FIRE ALARM HORN AT +88" AFF 3/4" CO TO ⊕ PULLSTRING
- ⊕ WEATHER PROOF GUTTER BOX (6"x8"x4") AT +18" AFF RECEIVE 3/4" CO FROM FA DEVICE, PULLSTRING
- ⊕ ELECTRICAL PANEL AT +80" AFF TO CENTERLINE 1 1/4" POWER NIPPLE POC, GND JUMPER BY SITE ELECT
- ⊕ CLOCK AT +80" AFF
- ⊕ 4SD J-BOX FOR HEAT DETECTOR (ATTIC) * MAX 25' FROM ANY WALL AND 50' BETWEEN THEM.
- ⊕ 4SD J-BOX FOR SMOKE DETECTOR (ATTIC) * MAX 15' FROM ANY WALL AND 30' BETWEEN THEM.
- ⊕ 2 GANG J-BOX AT 18" w/ CONDUIT STUBBED UP TO ATTIC SPACE.

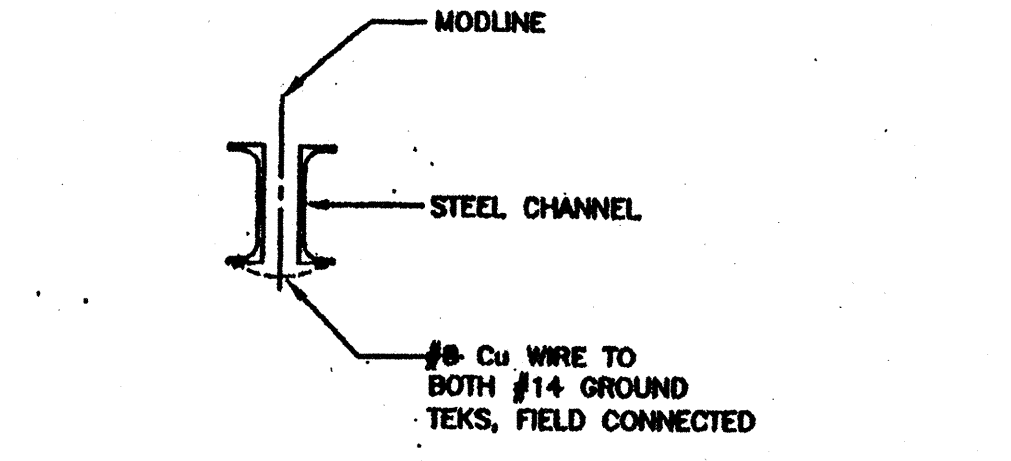


TYP GROUNDING DETAIL 1



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

GROUND JUMPER • MOD LINE 2



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 1832A AND TABLE 1832A. 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.
FOR ELECTRICAL DRAWINGS:
ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

EQUIPMENT ON GRADE	33% OF OPERATING WEIGHT
EQUIPMENT ON STRUCTURE	40% OF OPERATING WEIGHT

FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 TIMES THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 TIMES THE HORIZONTAL FORCE.
THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE, Z = 4
WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.

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REVISIONS

Electrical Engineer's Seal
Mechanical Engineer's Seal
PC Professional of Record Seal
Architects Seal

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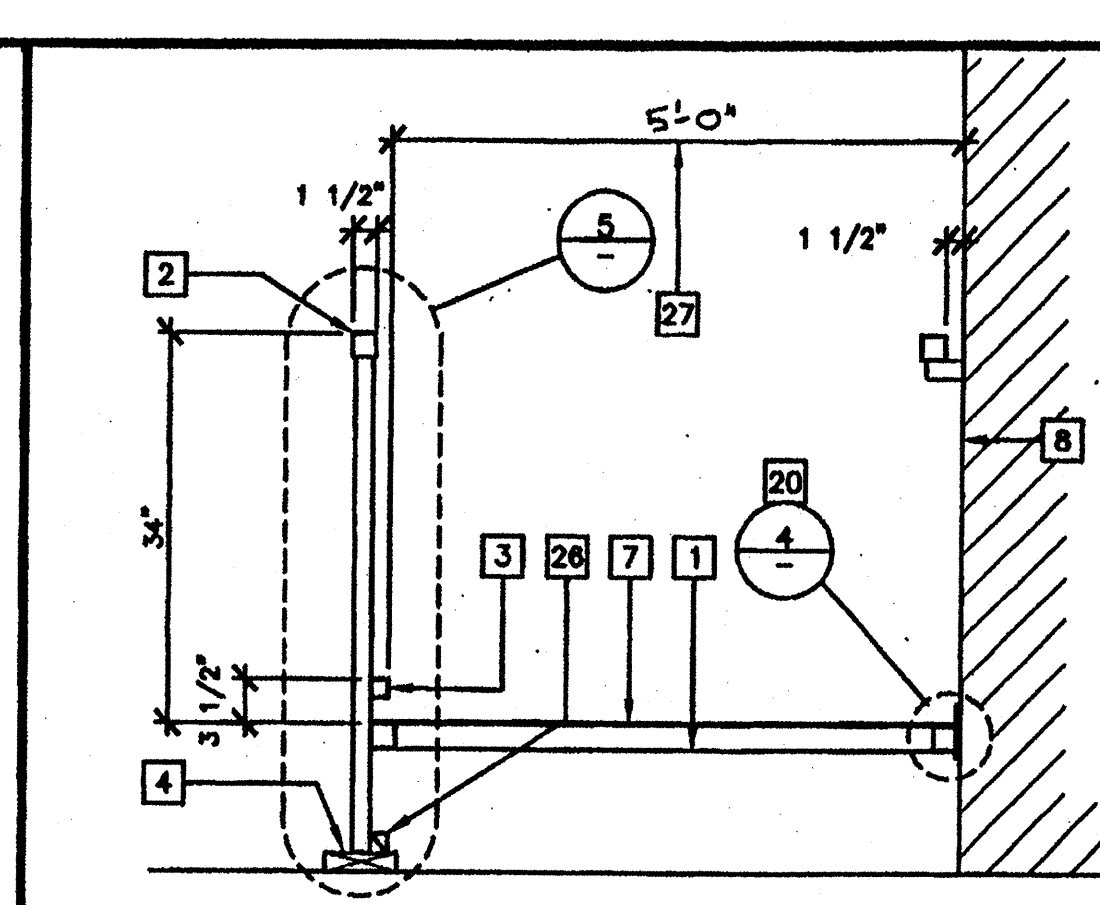
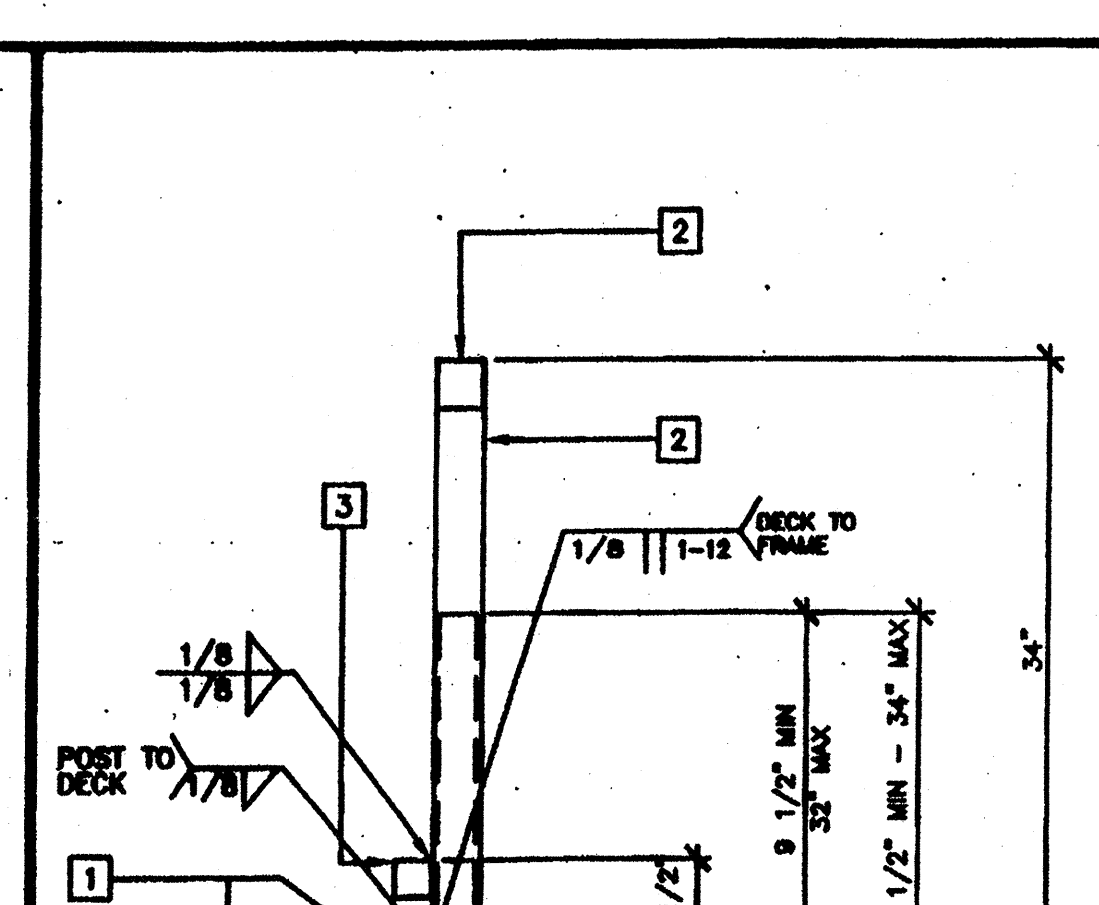
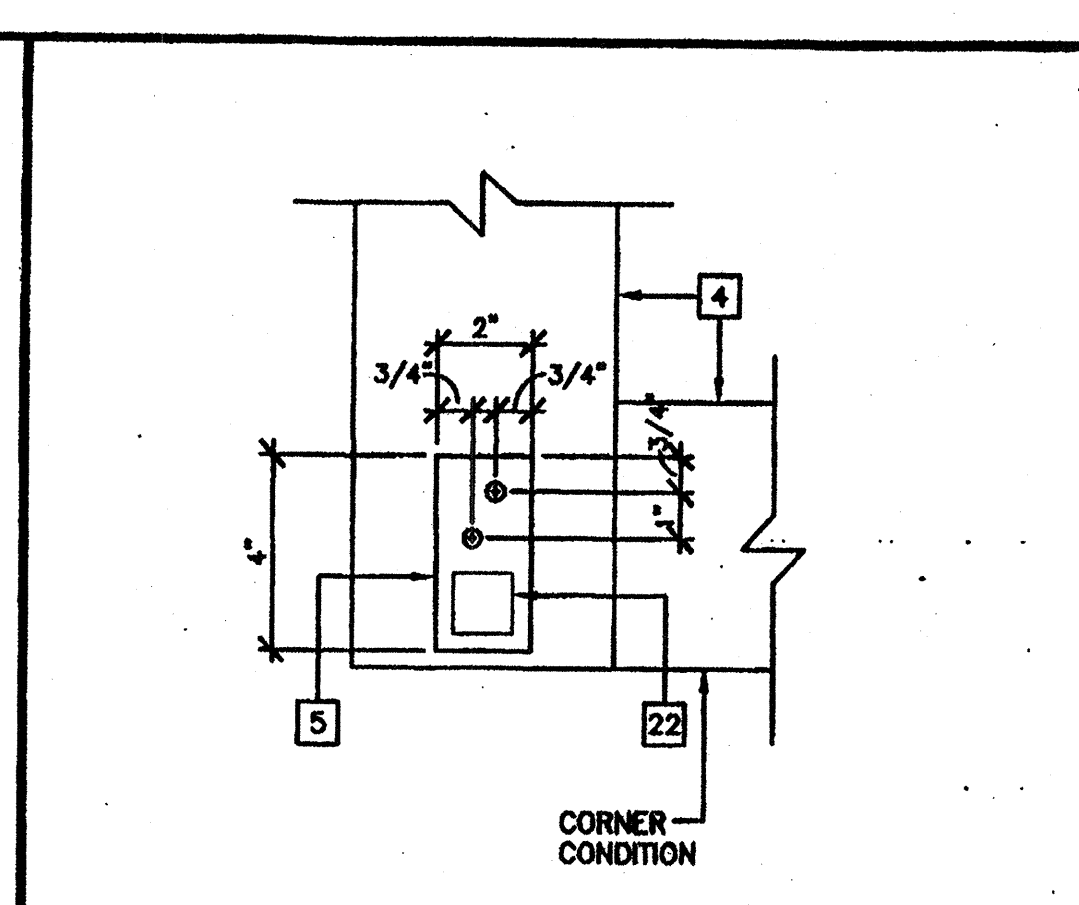
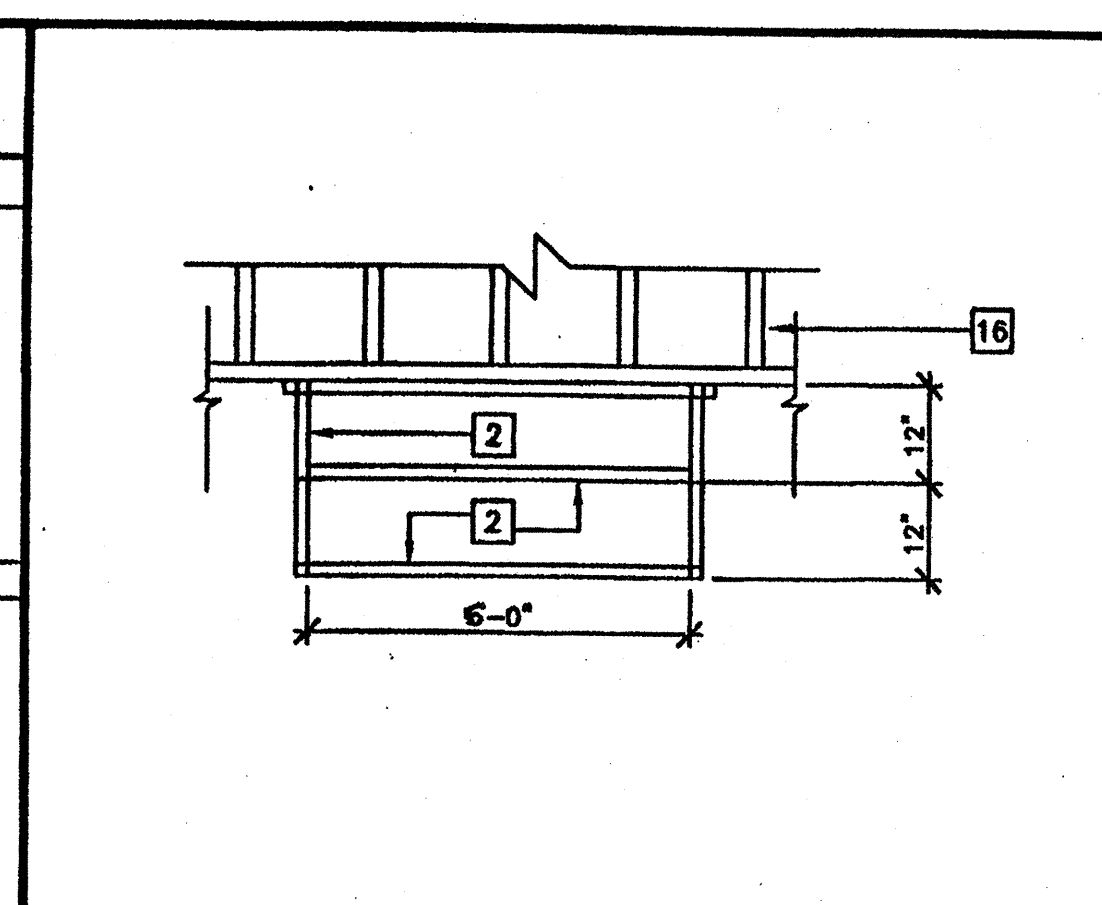
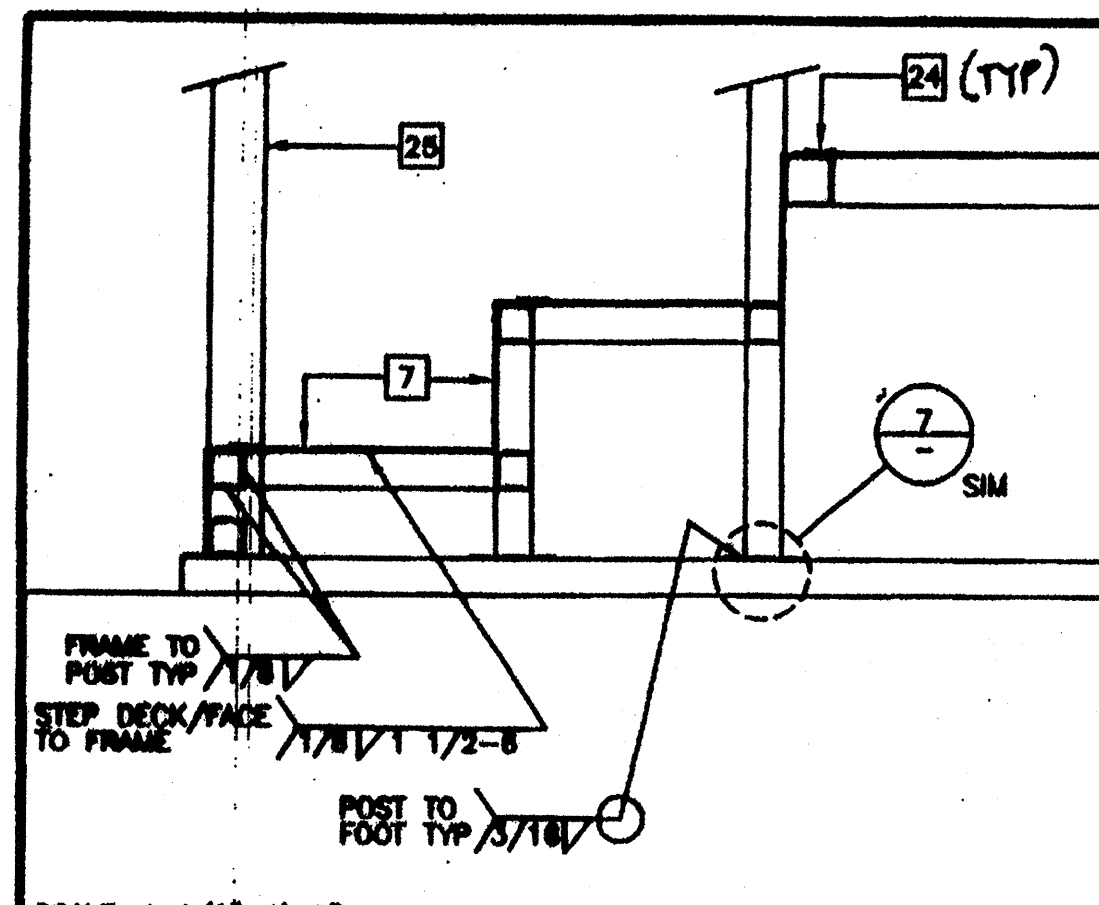
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ELECTRICAL PLAN W/O DATA

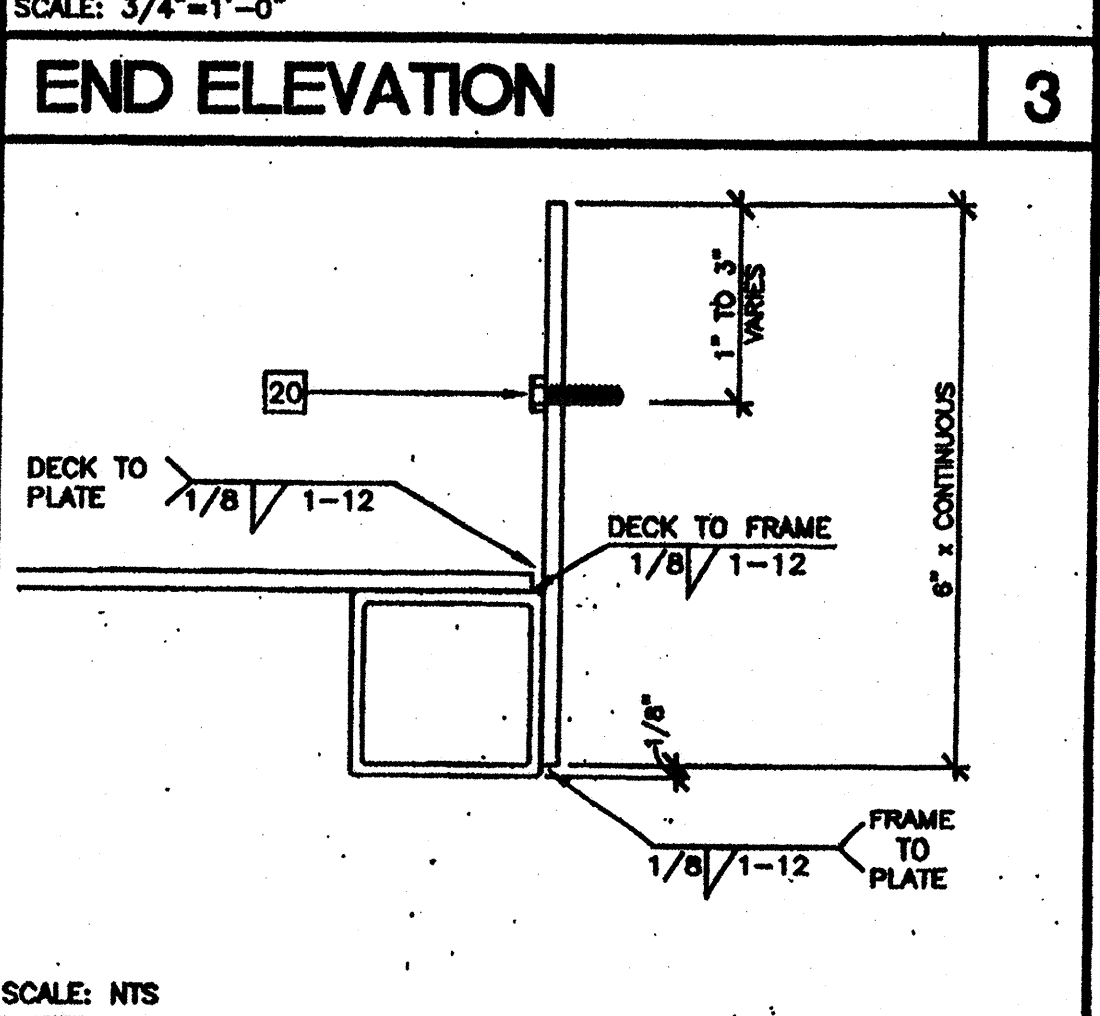
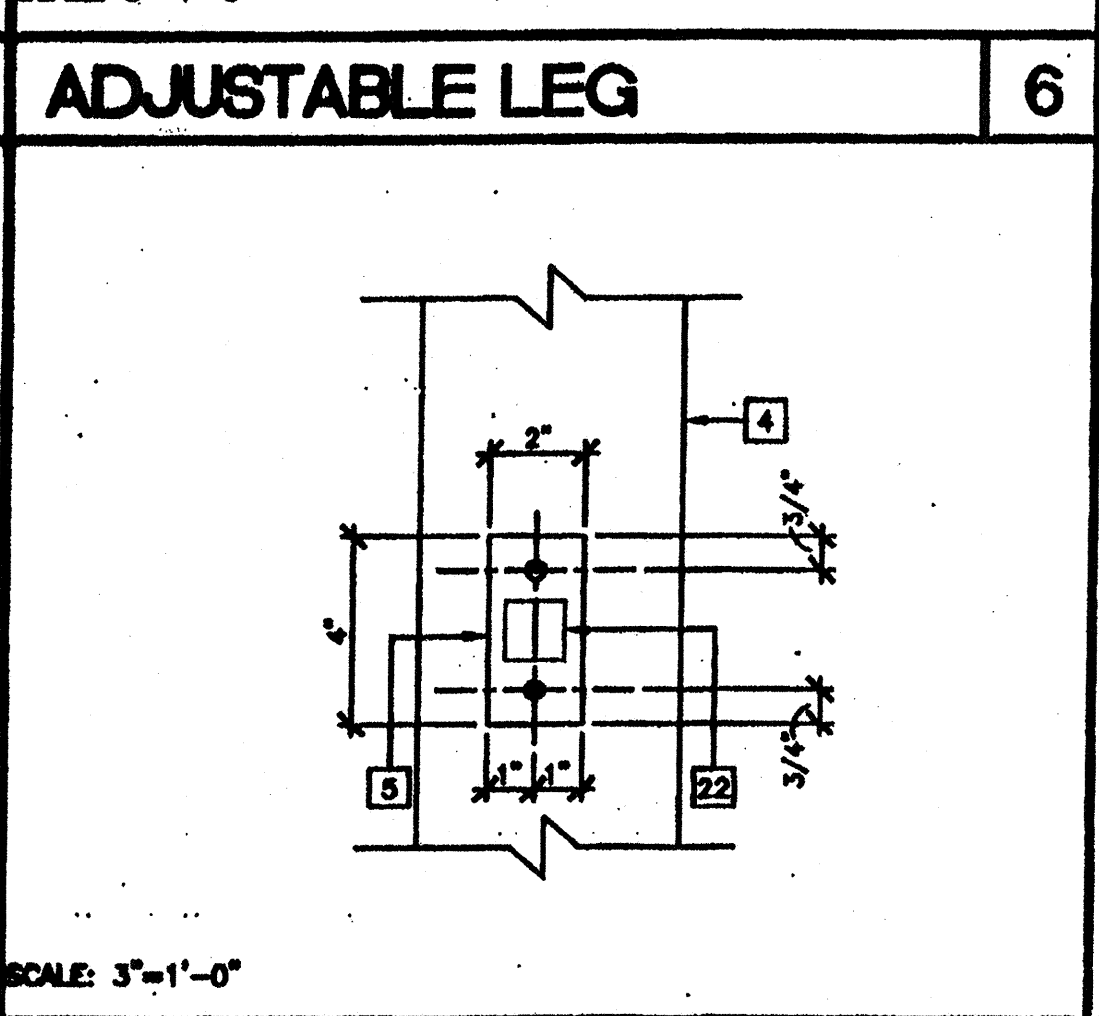
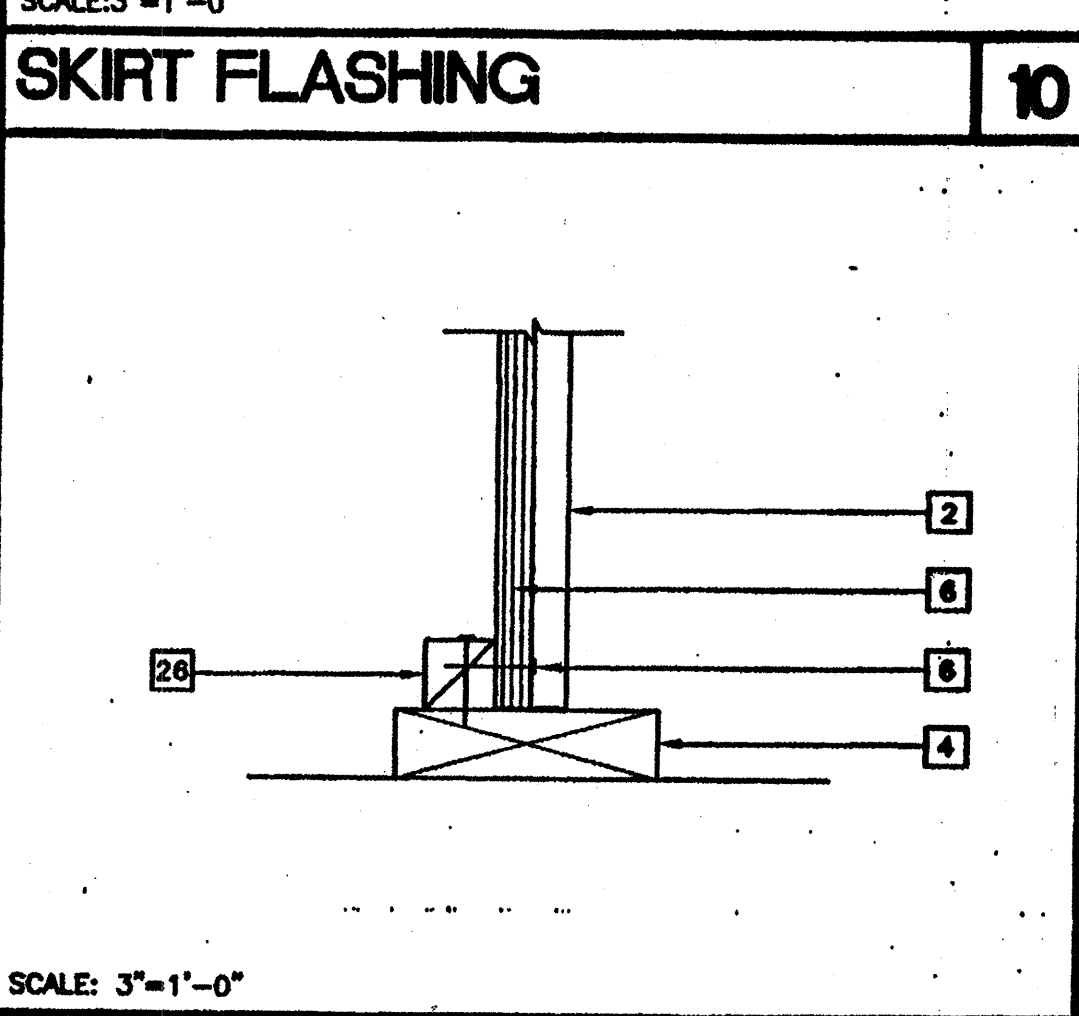
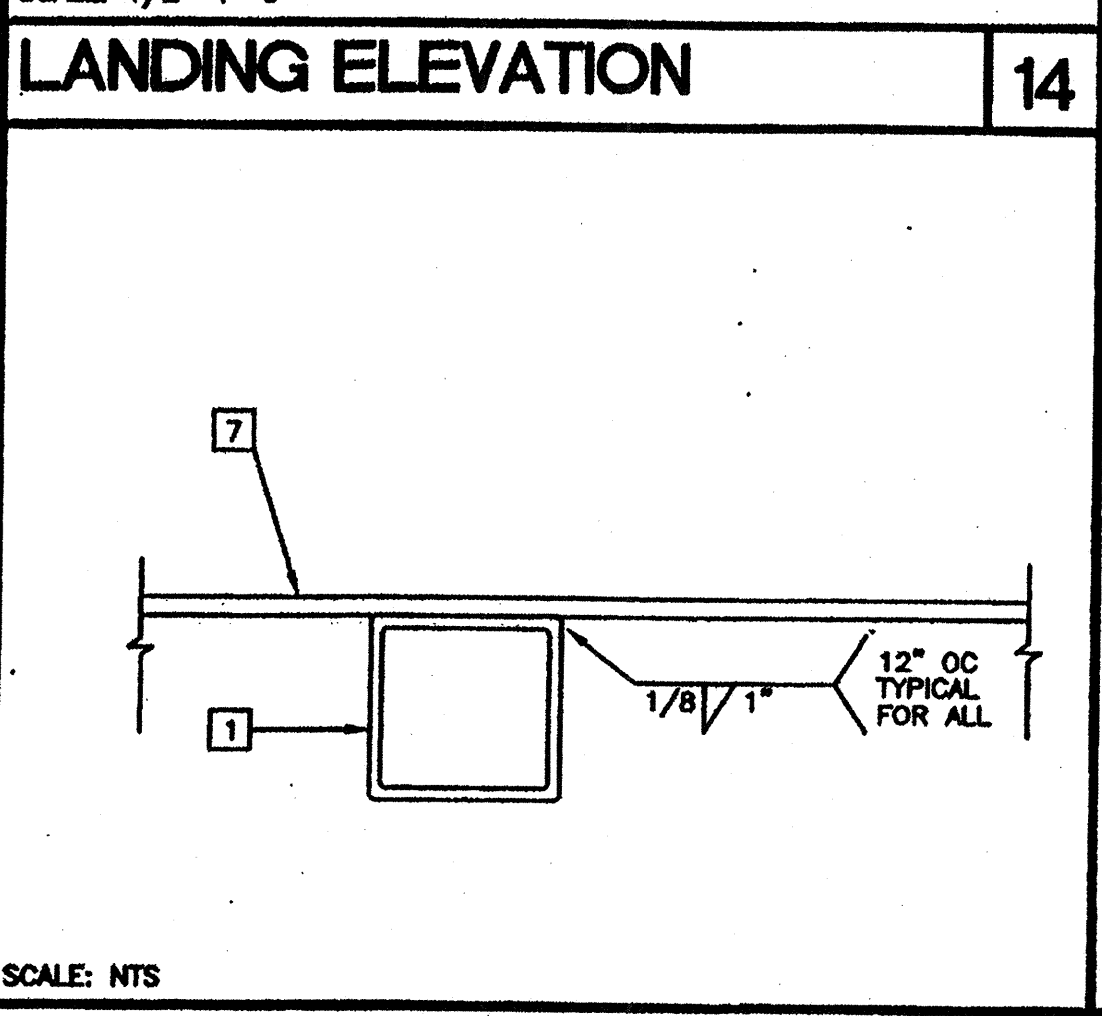
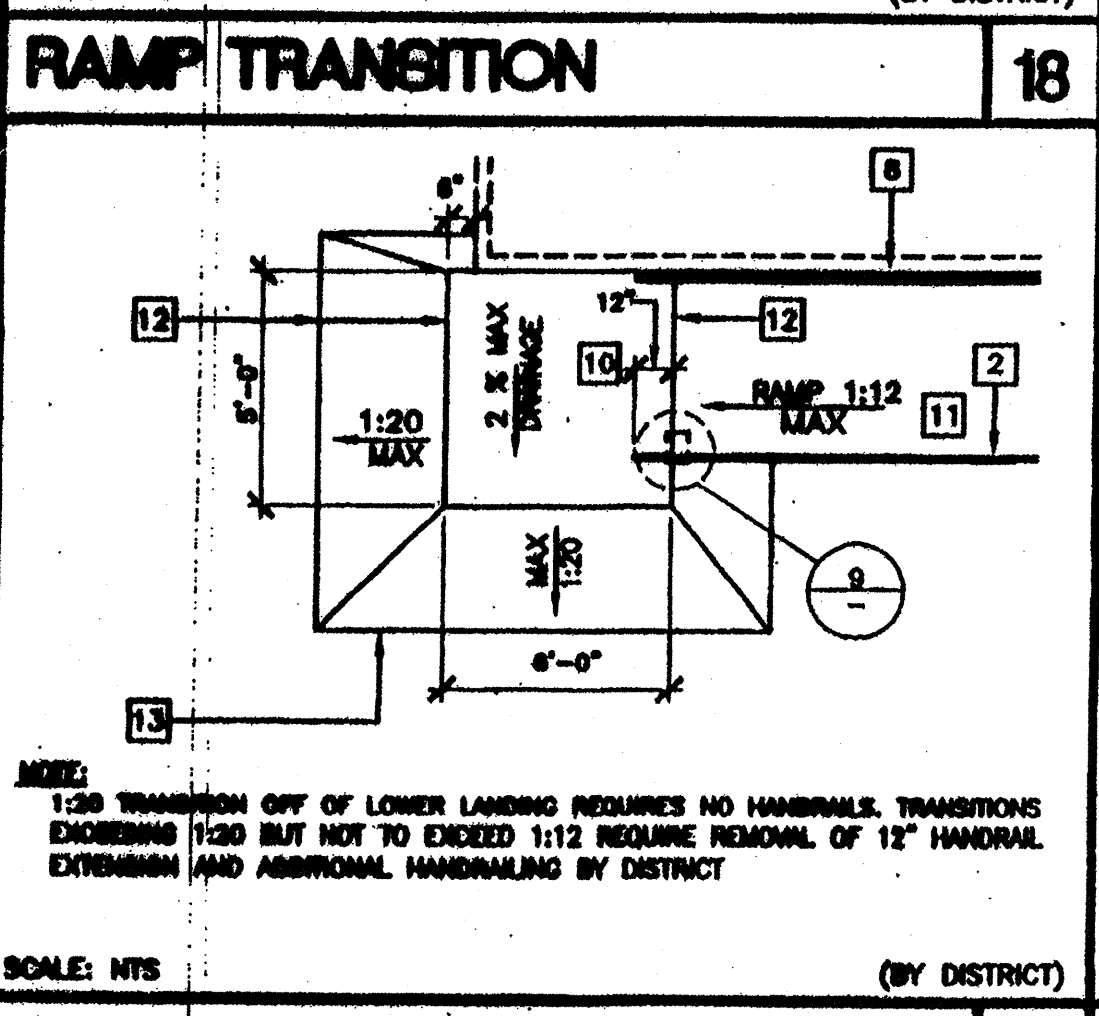
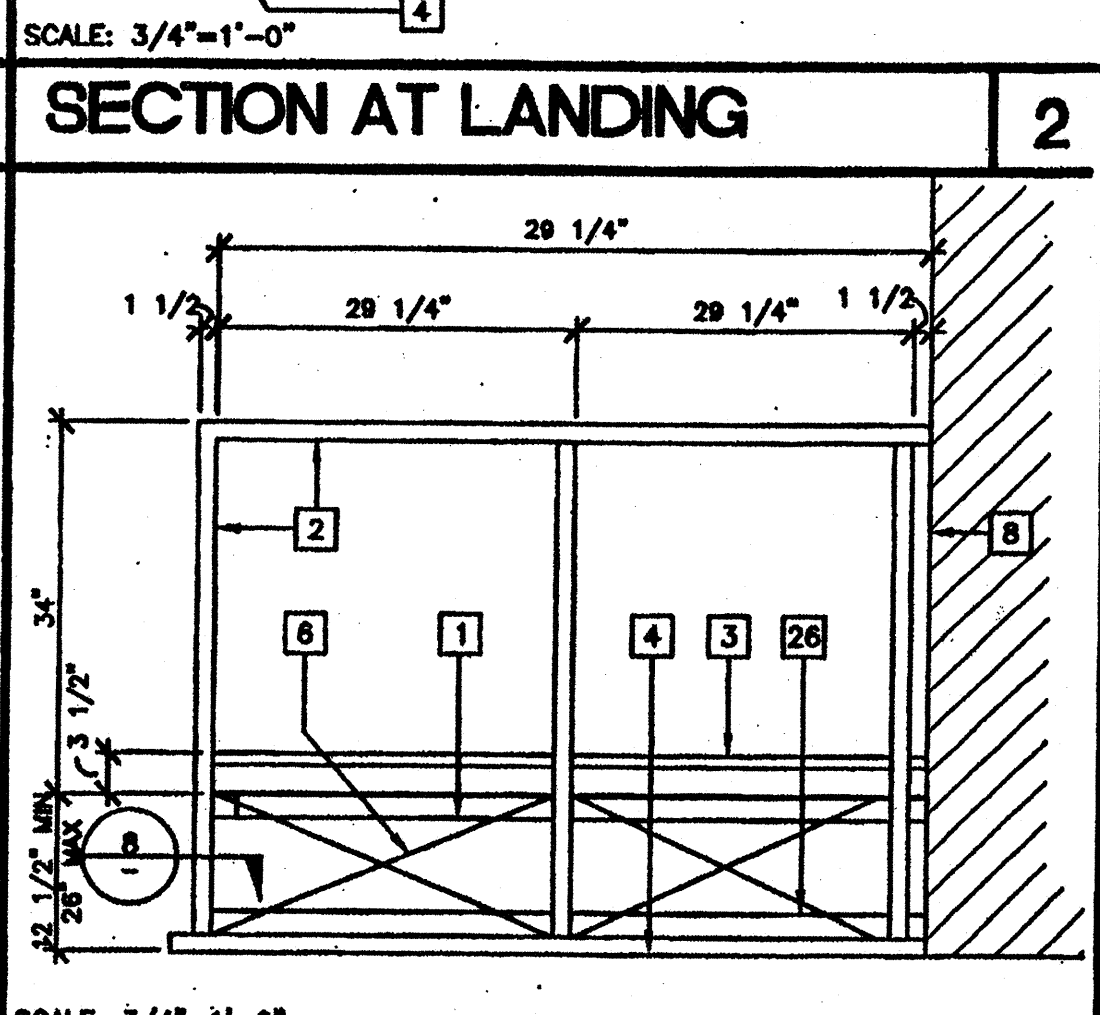
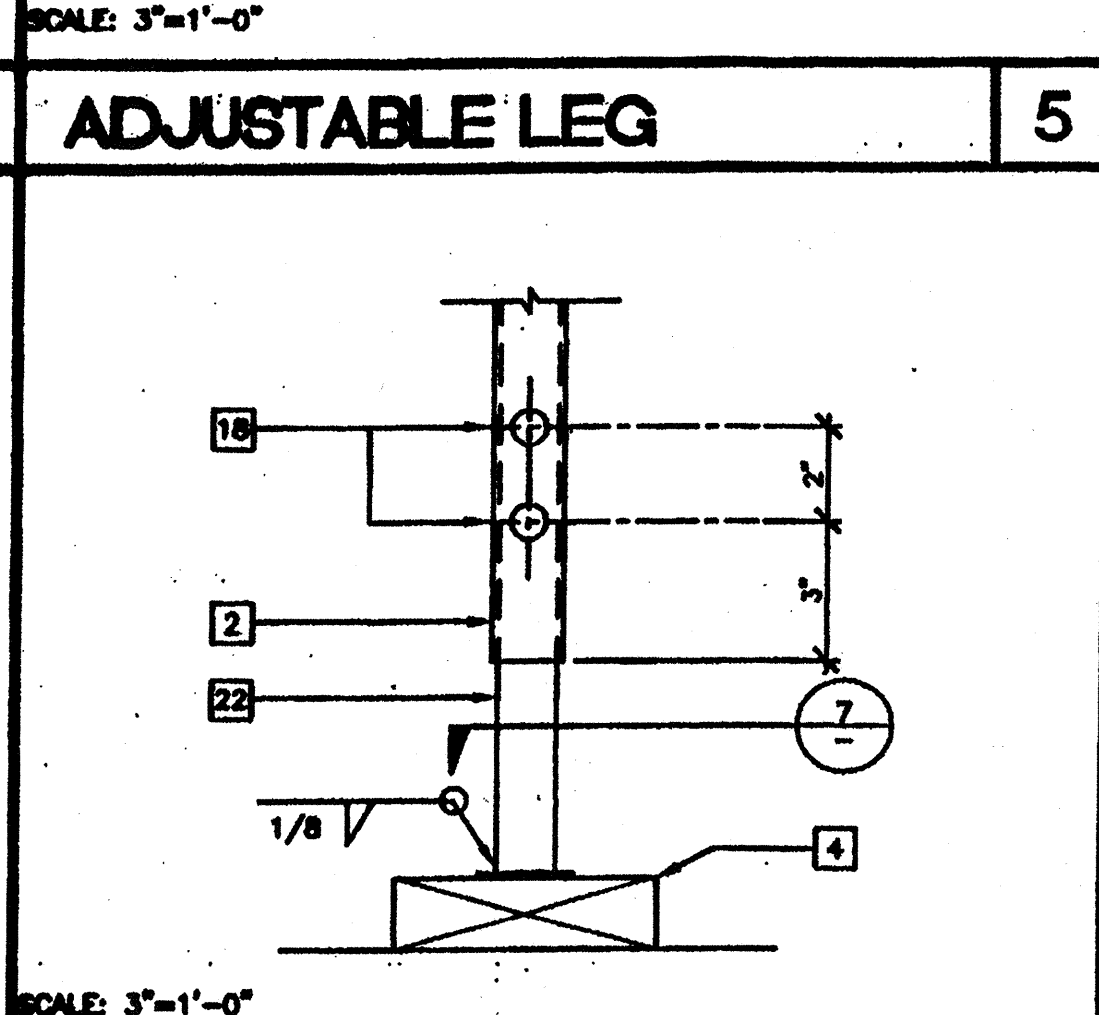
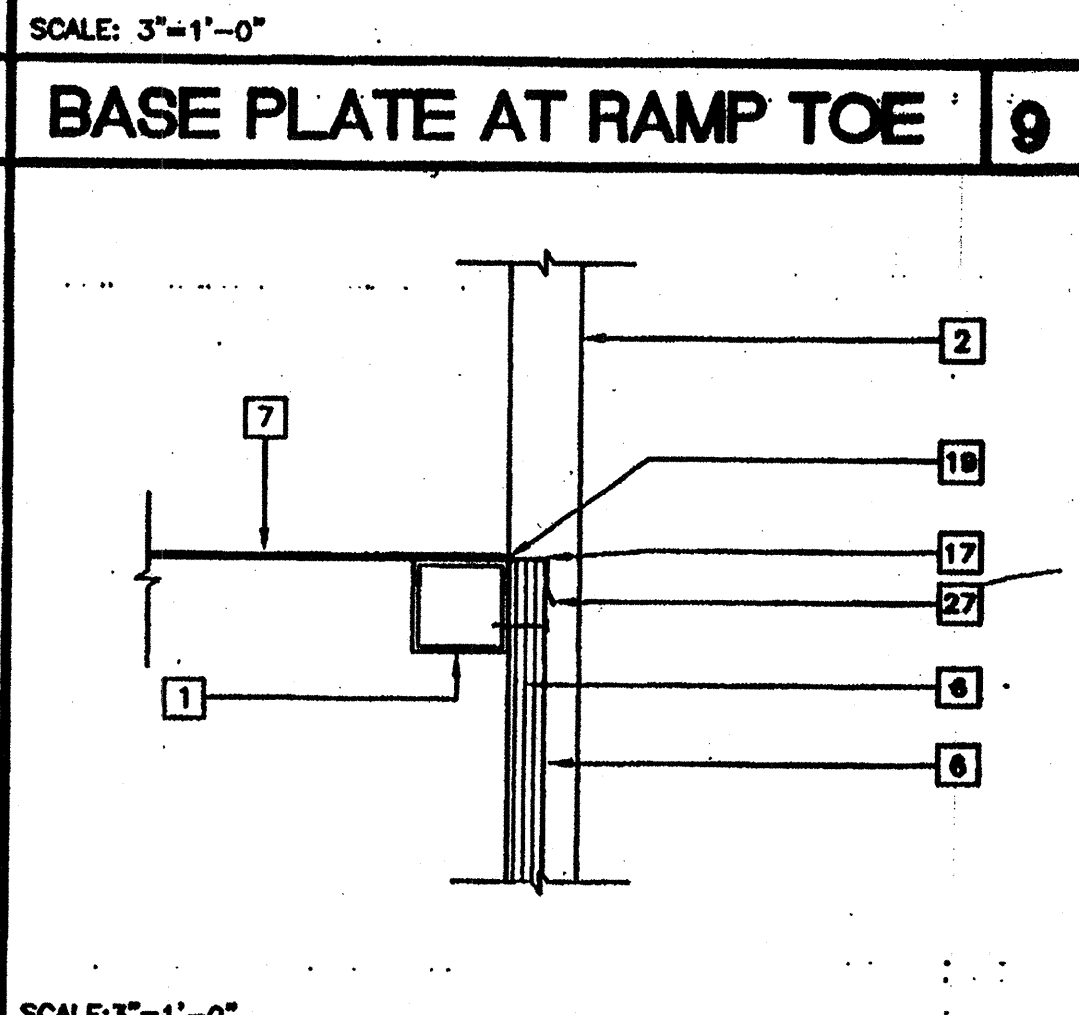
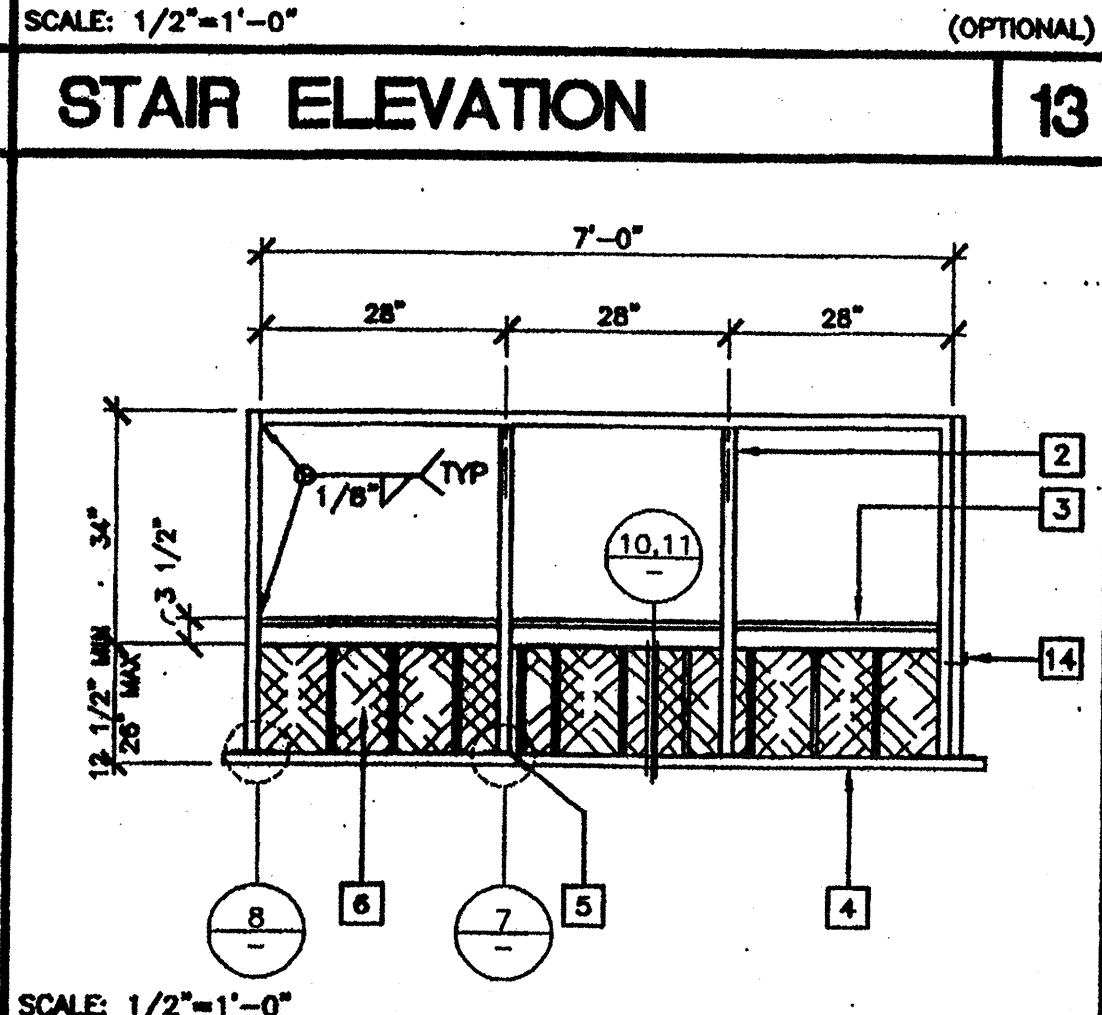
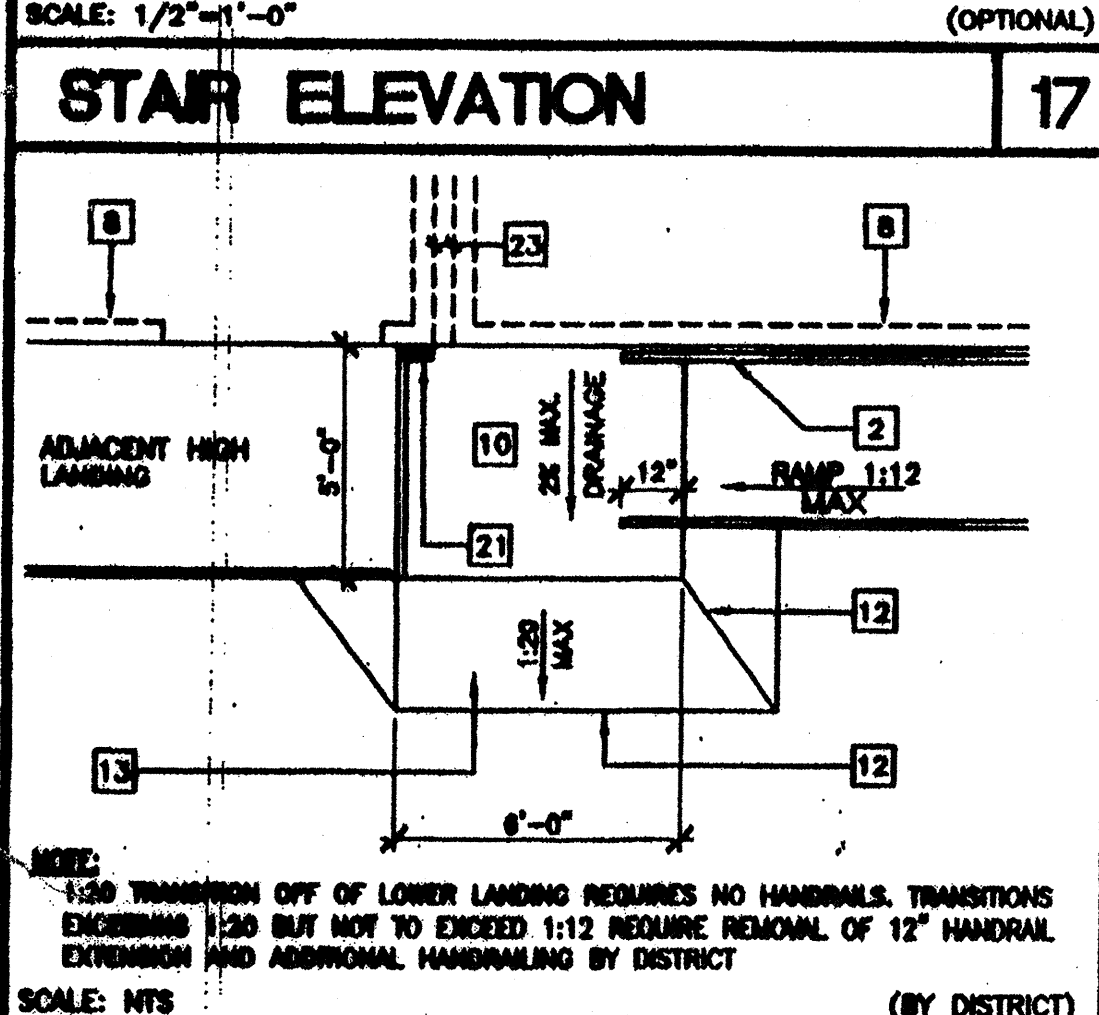
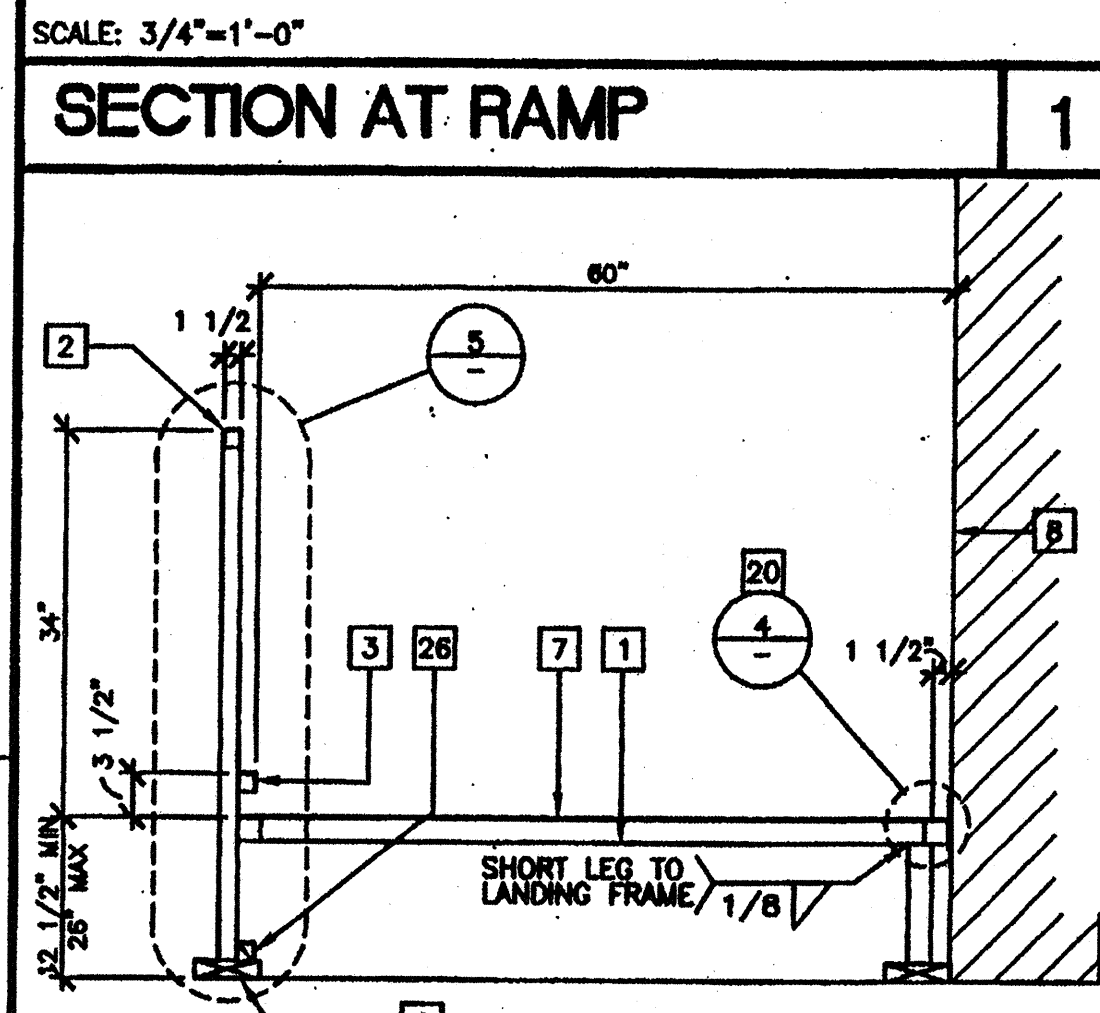
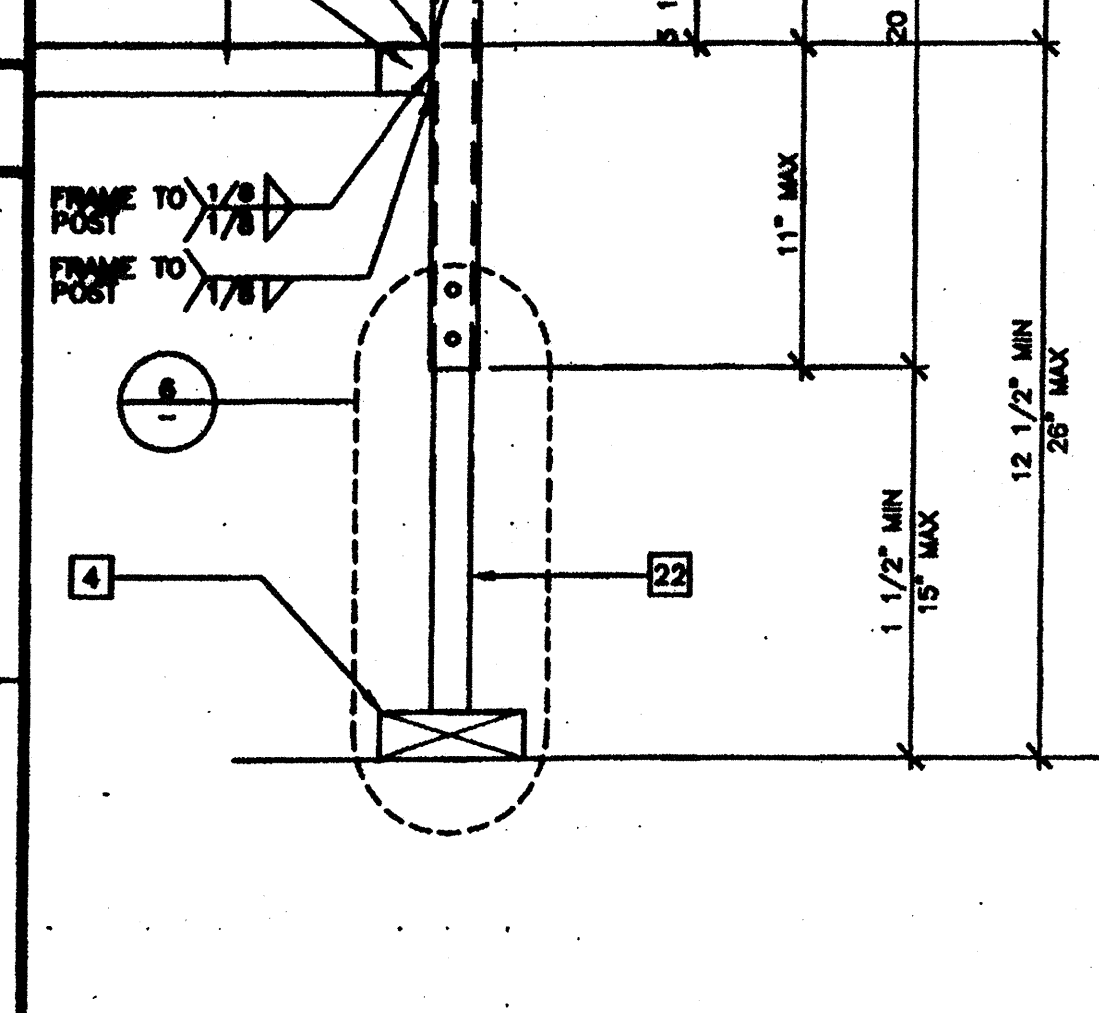
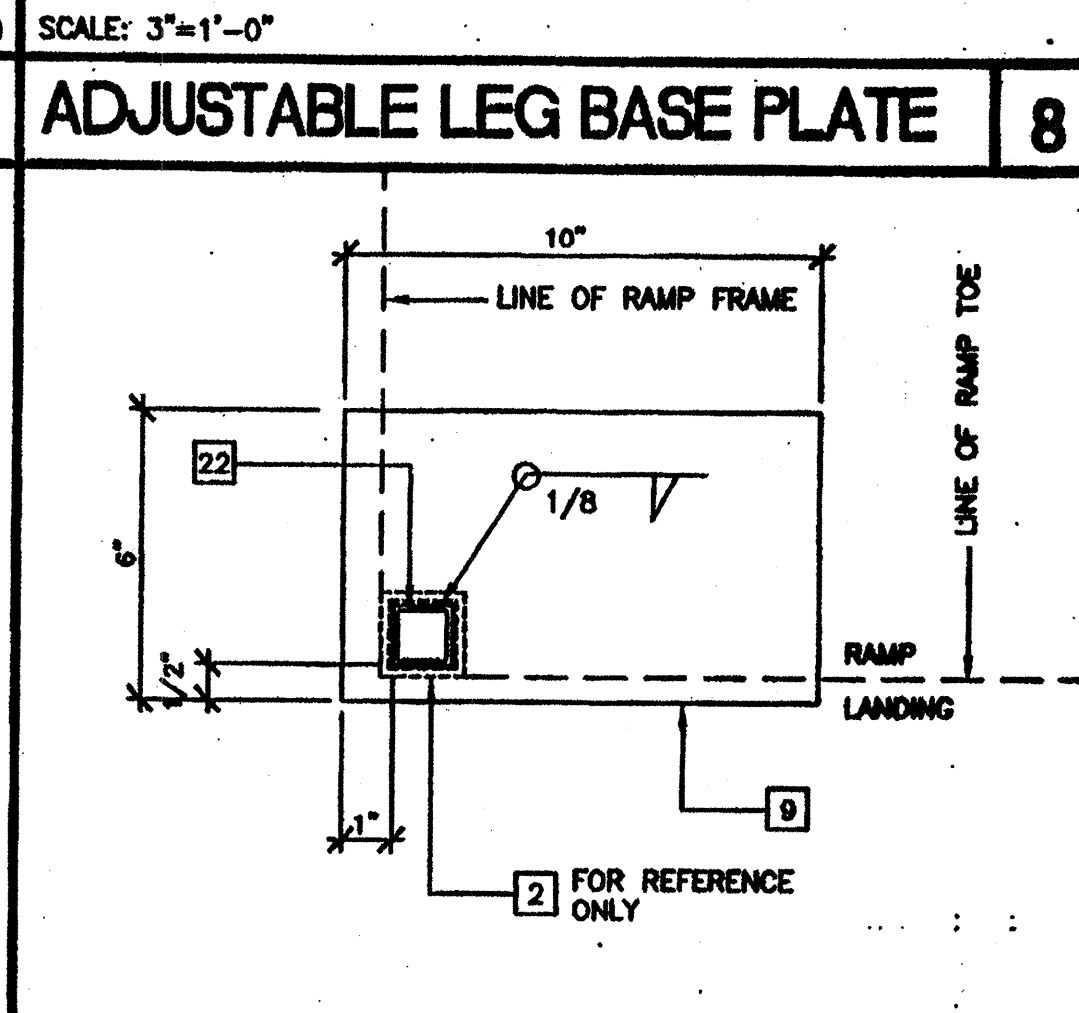
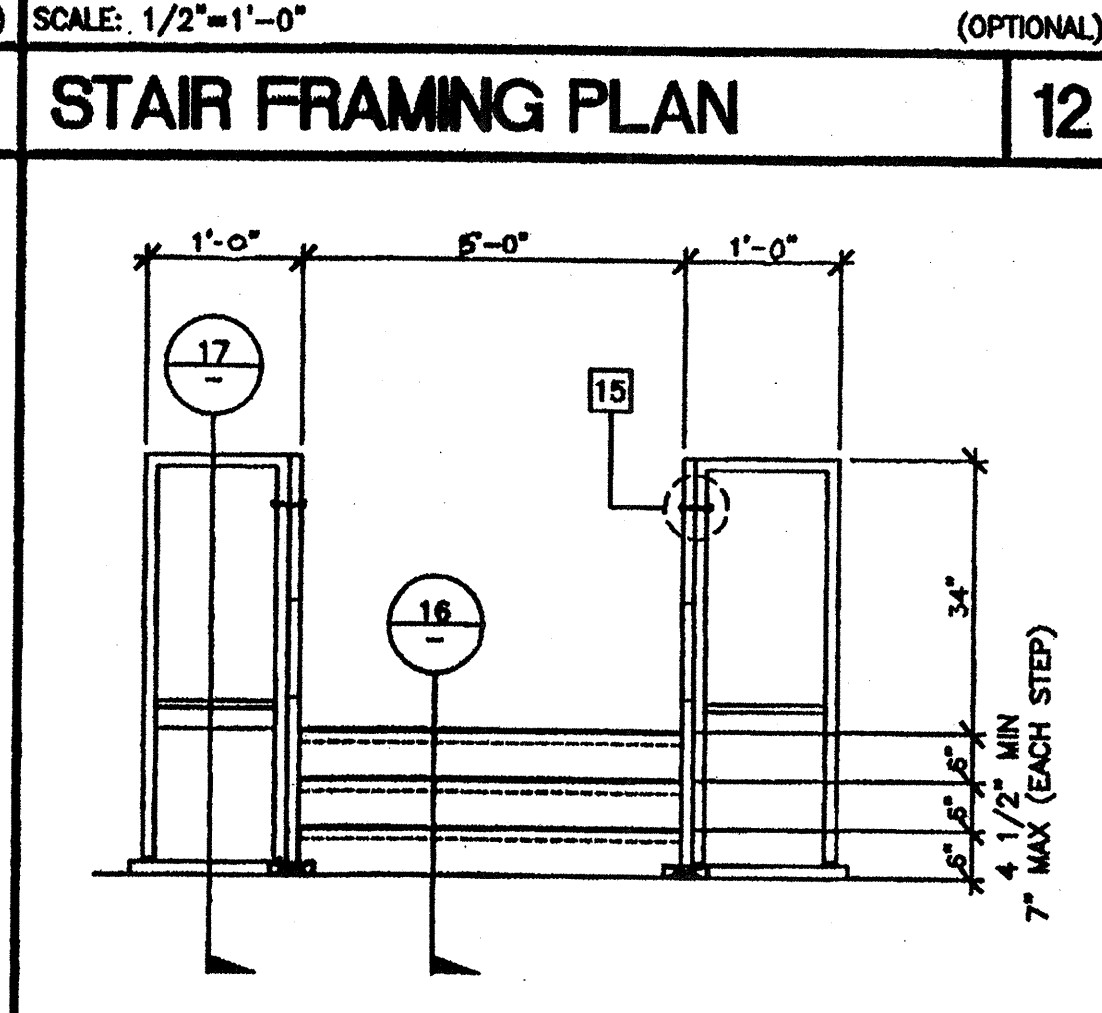
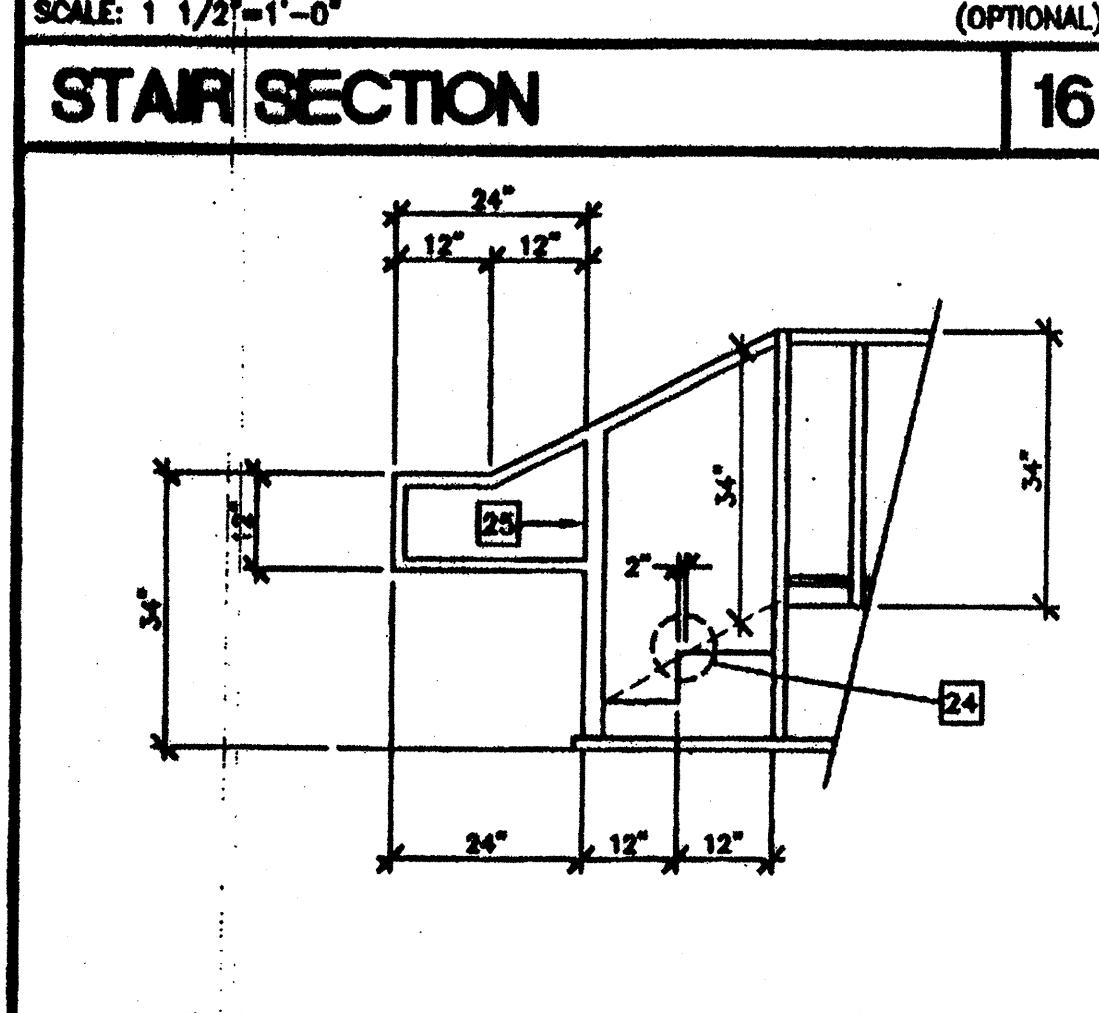
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KEY NOTES

- 1 TS 2"x2"x14 GA
- 2 TS 1 1/2"x1 1/2"x14 GA (Fy = 39 KSI), ROUNDED OR BEVELLED AT CORNERS.
- 3 TS 1"x1"x16 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 6d AT 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO TS, USE #14x2" TEK SCREWS AT 6" OC
- 7 12GA METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 0.8, MAINTAINABLE FOR 1 YR. PROVIDE ROUNDED OR BEVELLED EDGES ON STAIR NOSING.
- 8 EXISTING BUILDING.
- 9 6"x10"x12 GA BASE PLATE AT RAMP TOE.
- 10 LOWER LANDING BY DISTRICT
- 11 RAMP BY MOOTECH
- 12 FLUSH TRANSITION
- 13 PAVE BY DISTRICT
- 14 3"x1"x3'-0"x10 GA BENT PLATE
- 15 FASTEN POSTS WITH 3/8" DIA THRU BOLT, TYPICAL
- 16 RAMP LANDING, TYPICAL
- 17 26 GA FLASHING
- 18 3/8" DIAx2" LONG MB WITH NUT & WASHERS
- 19 CAULKING
- 20 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
- 21 PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION, BY DISTRICT
- 22 TS 1 1/4"x1 1/4"x14 GA (Fy = 39 KSI)
- 23 4" MINIMUM BUILDING SEPARATION
- 24 2" SLIP RESISTANT WARNING STRIPES MAX 1" FROM EVERY STAIR NOSING AND TOP LANDING, USE CONTRASTING COLOR.
- 25 TS 2 1/2"x1 1/2"x8 GA, ASTM A500 GRADE A
- 26 2"x2" NAILER WITH 16d AT 12" OC
- 27 RAMP WIDTH MINIMUM CLEAR DIMENSION IS 5'-0"



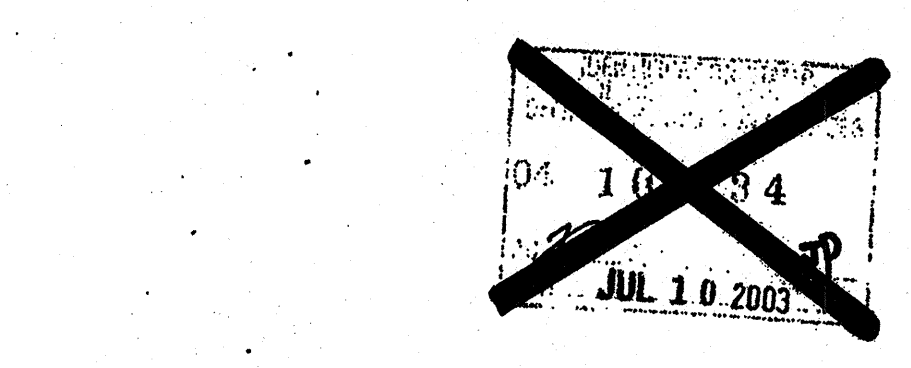
REVISIONS

Professional seals for:
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 Mechanical Engineer's Seal
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 Architects Seal

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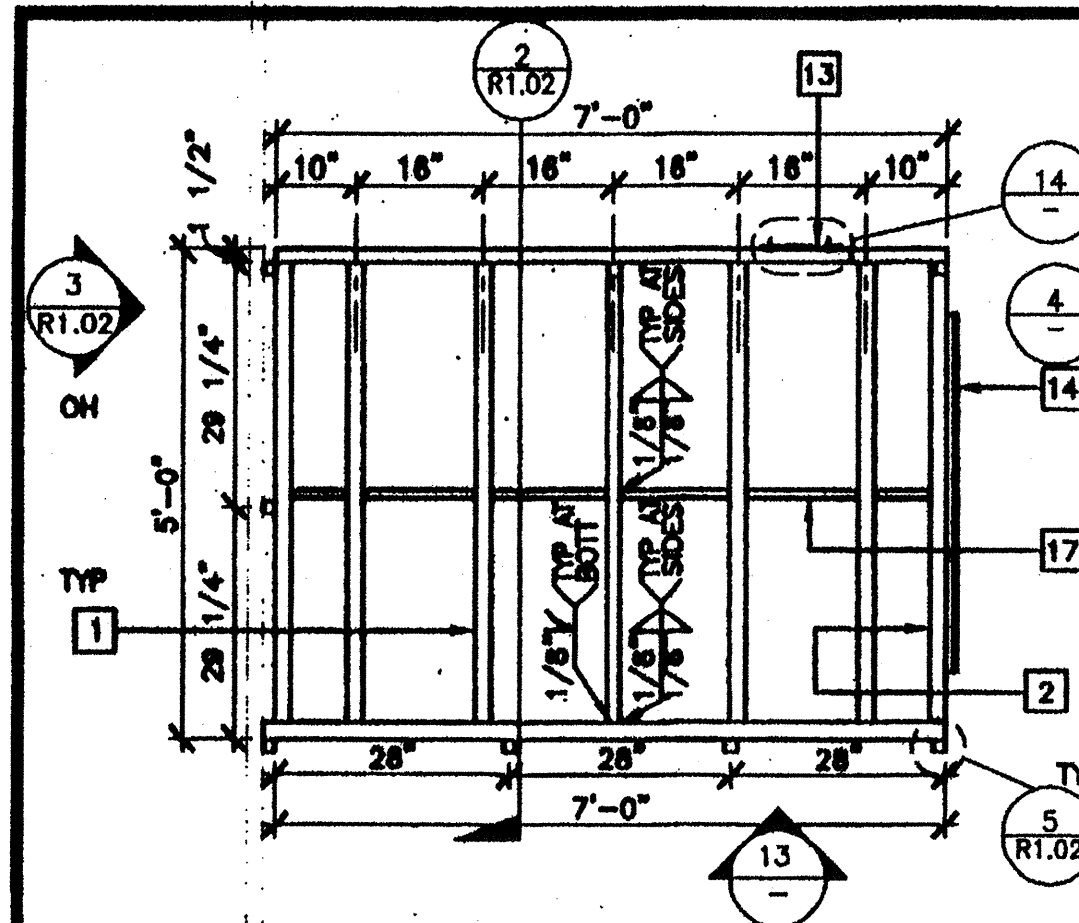
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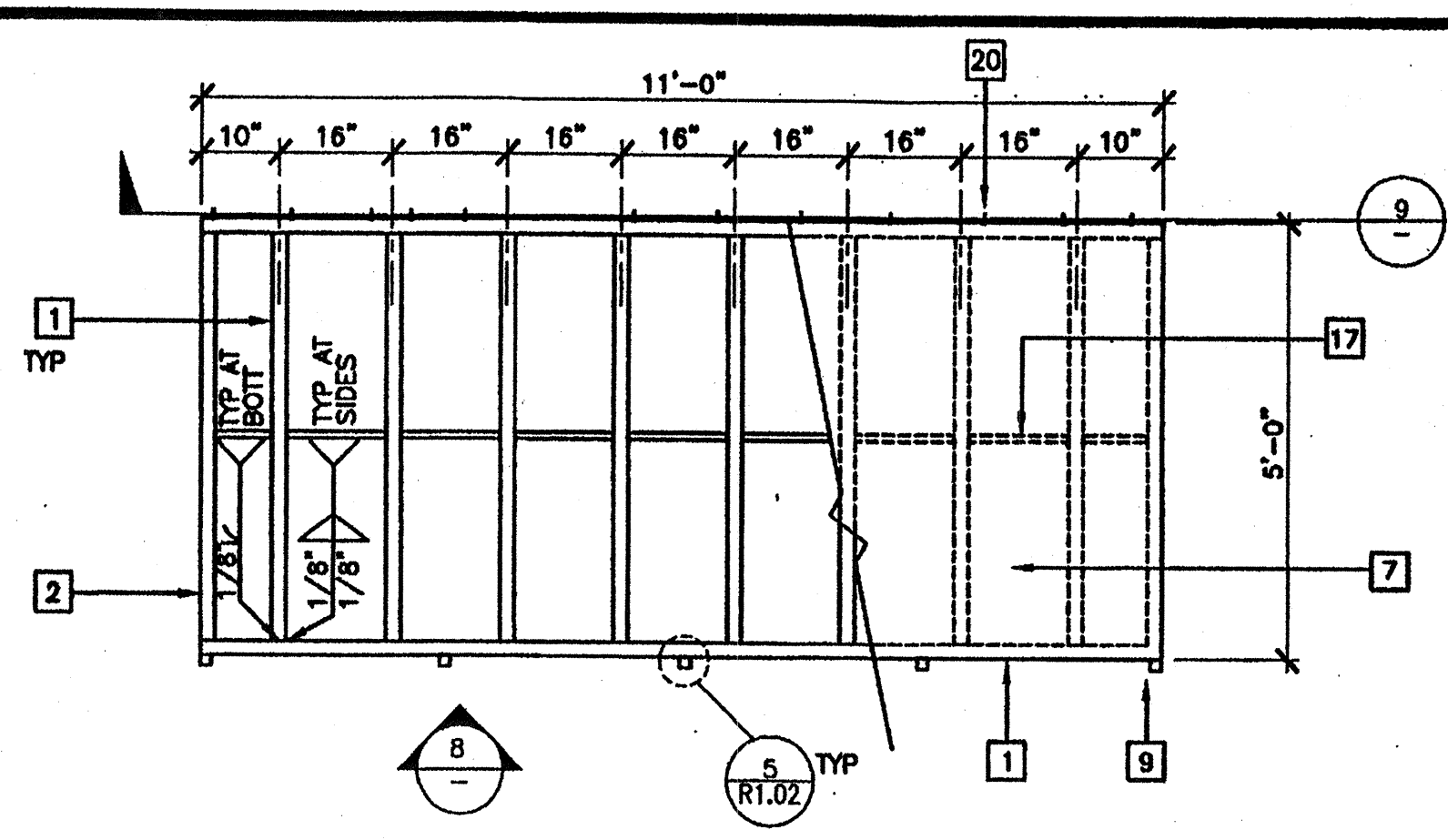
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LANDING FRAME

12

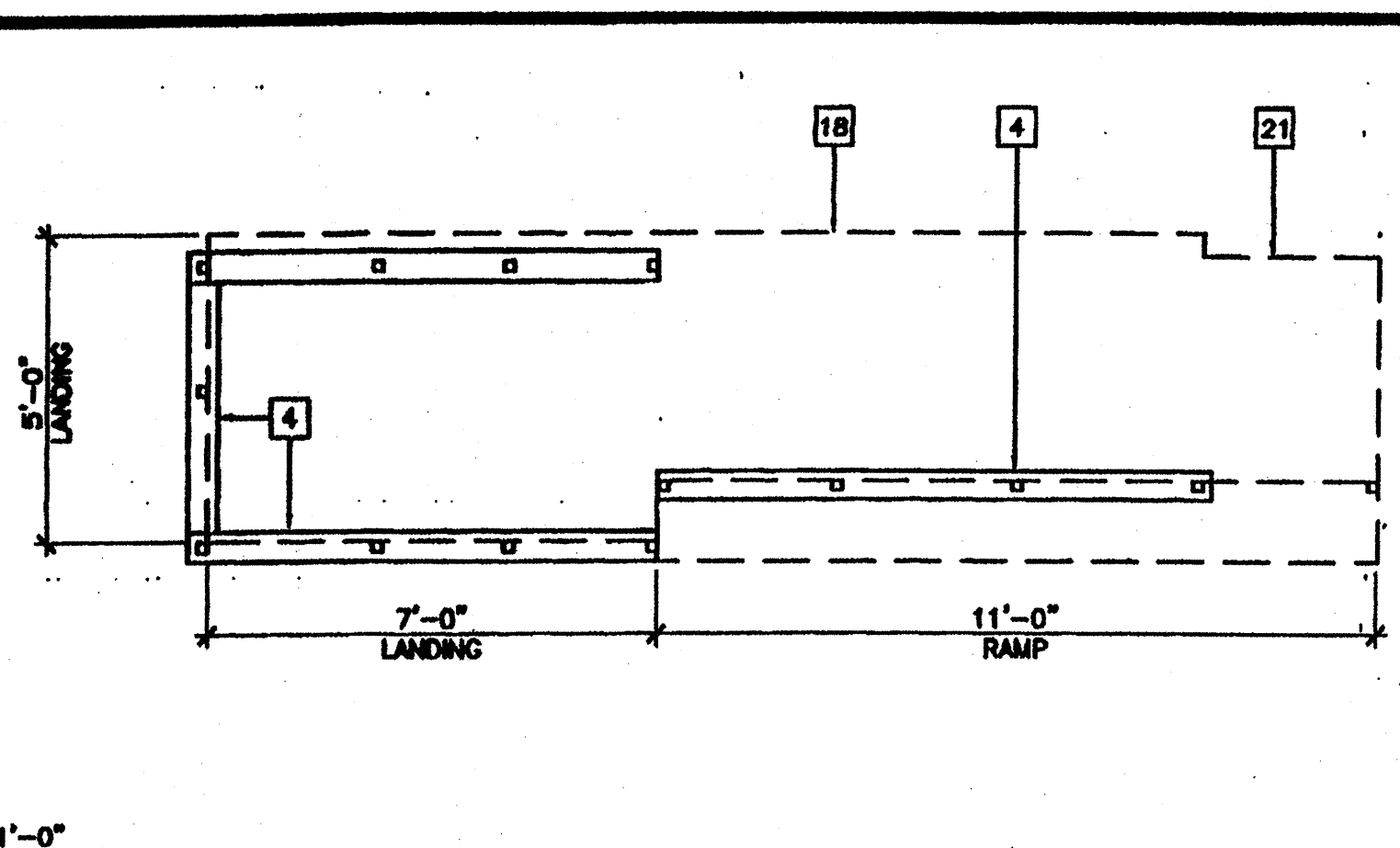
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RAMP FRAME

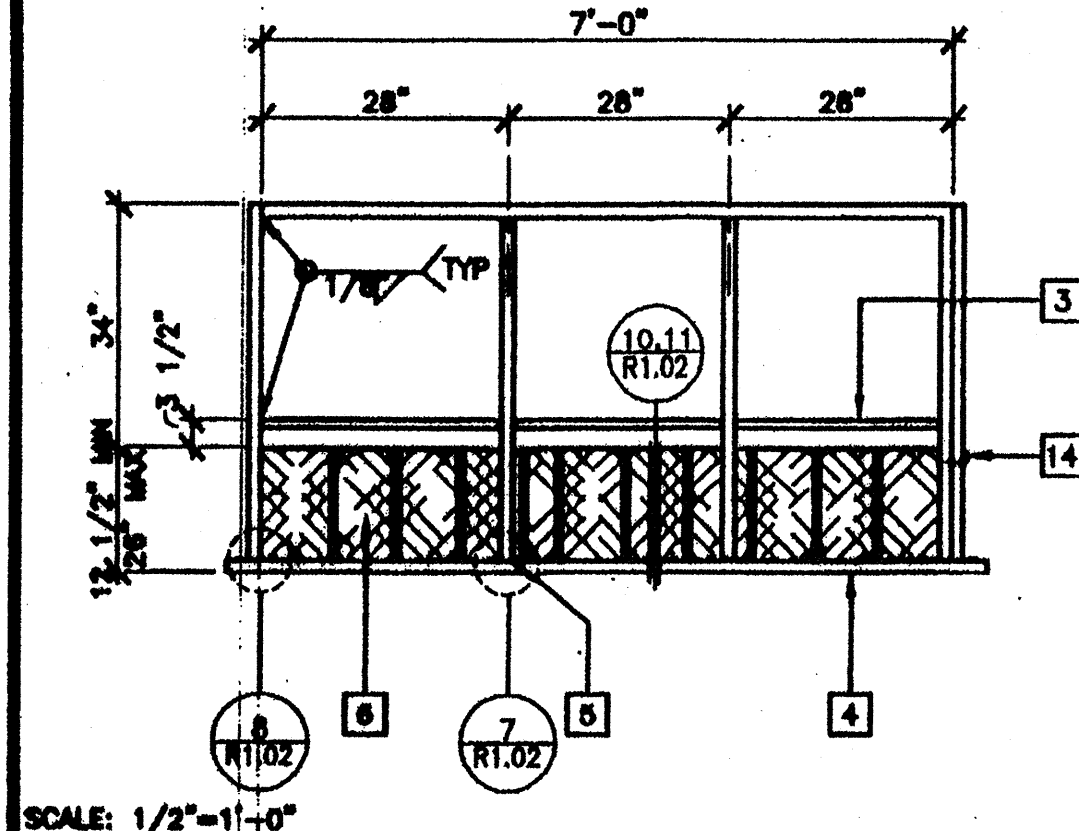
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SCALE: 3/8"=1'-0"



SILL PLAN FOR RAMP AND LANDING

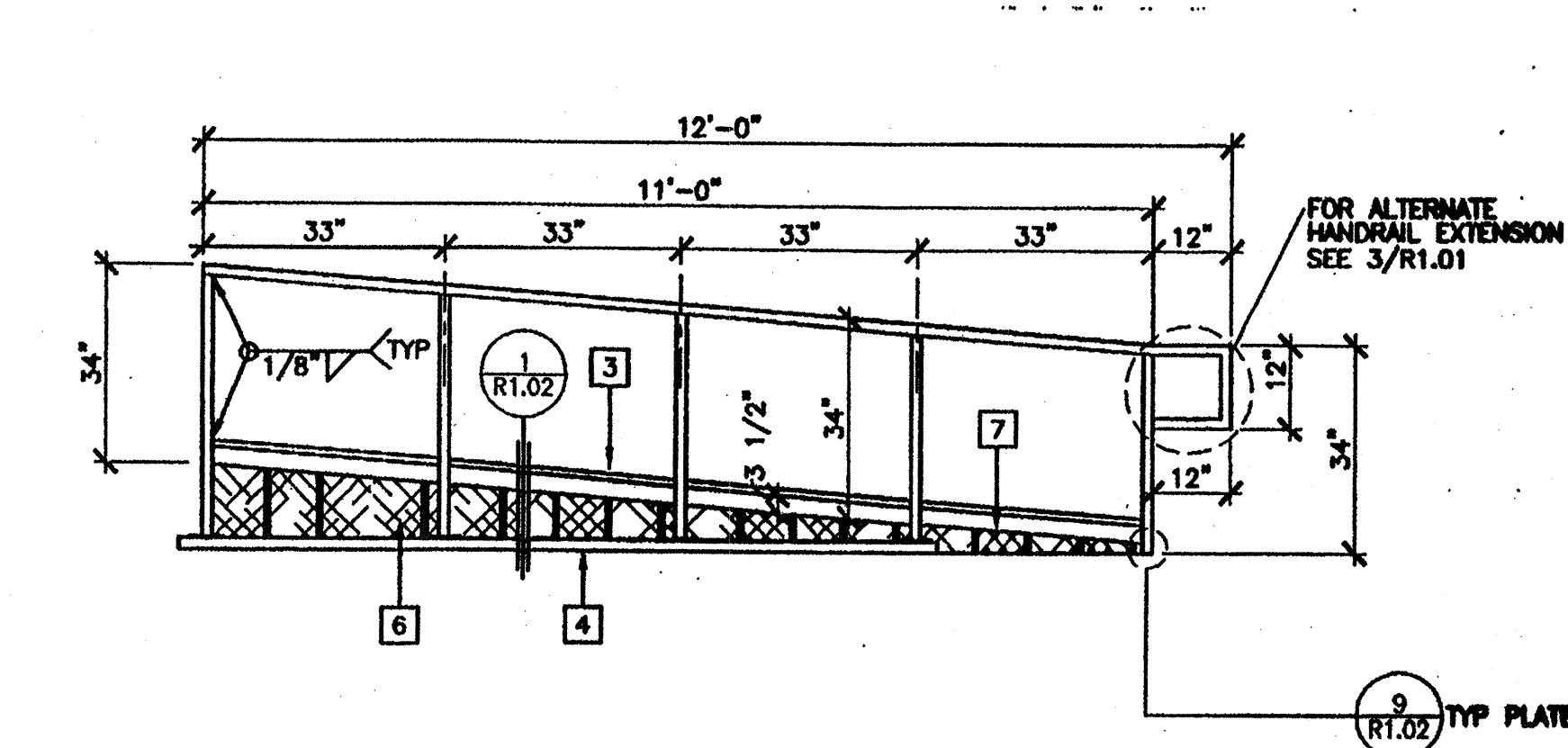
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LANDING ELEVATION

13

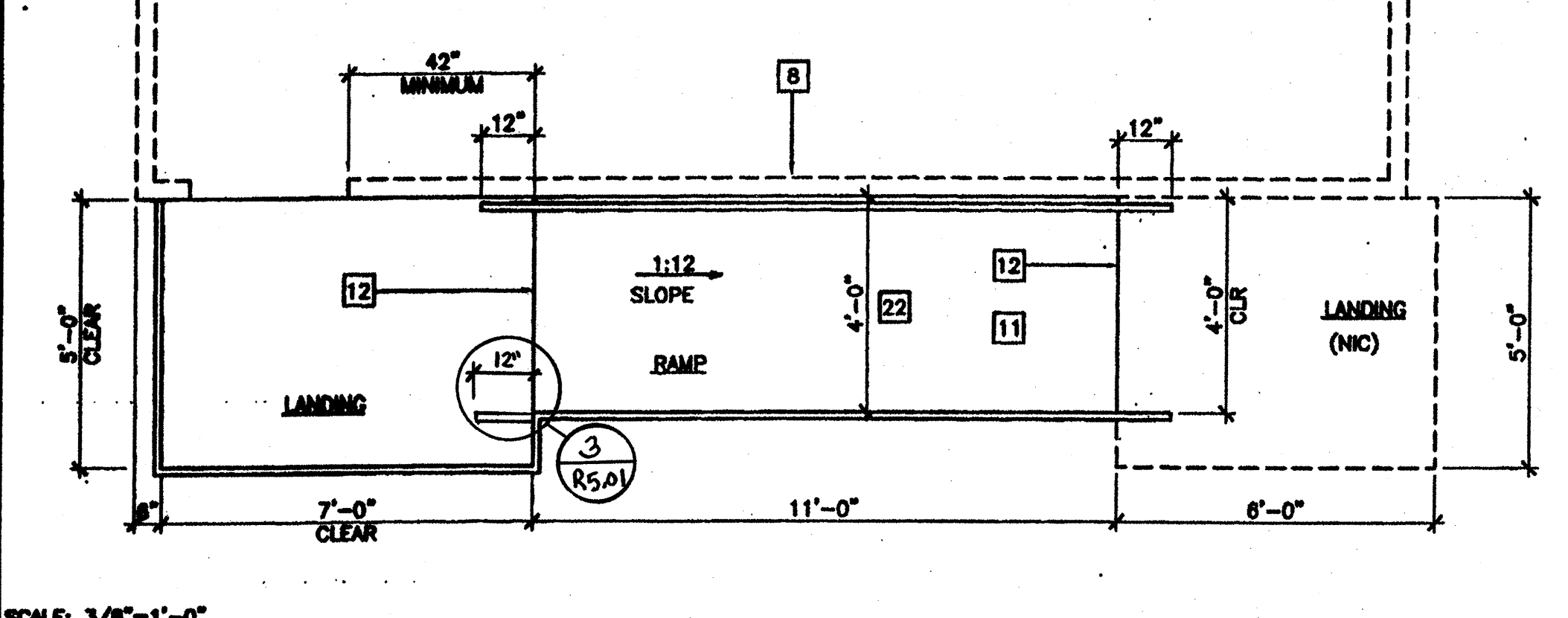
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RAMP ELEVATION

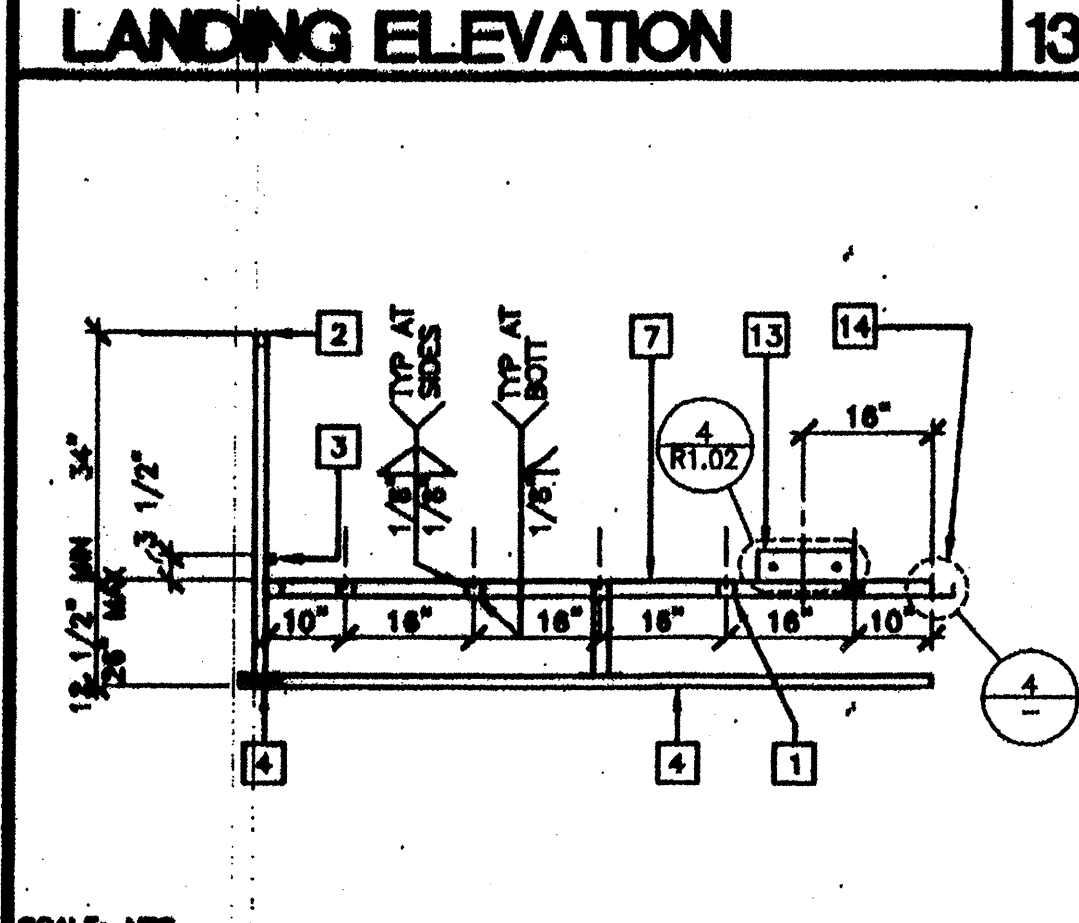
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SCALE: 1/2"=1'-0"



RAMP AND LANDING AT BUILDING

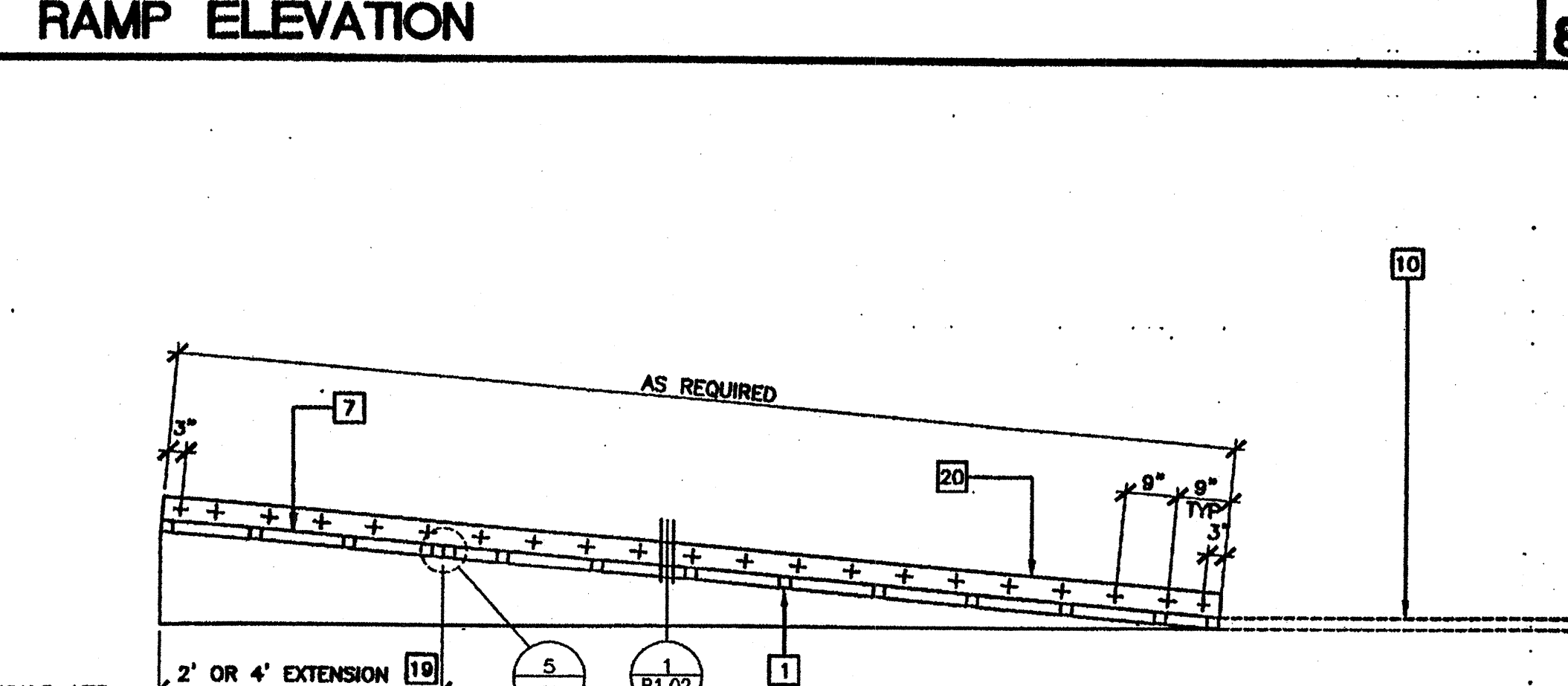
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SECTION AT LANDING

14

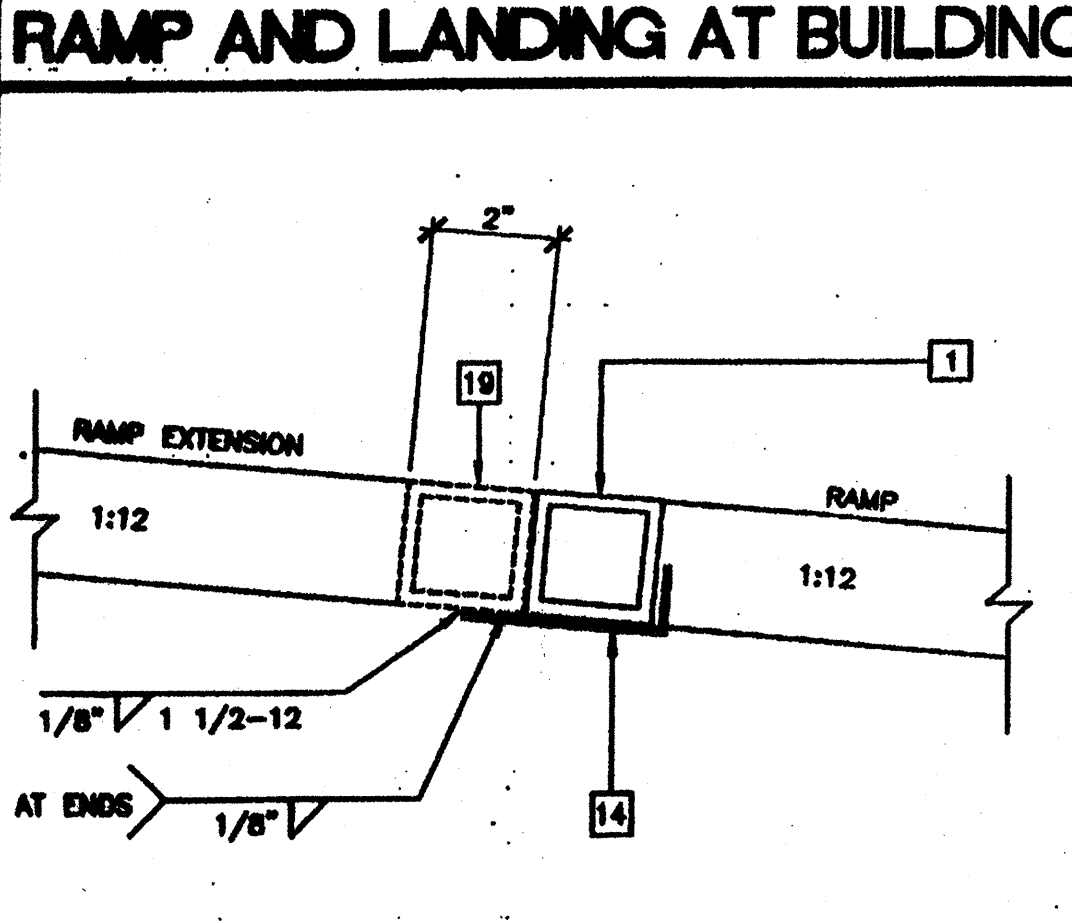
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LONGITUDINAL SECTION AT RAMP

9

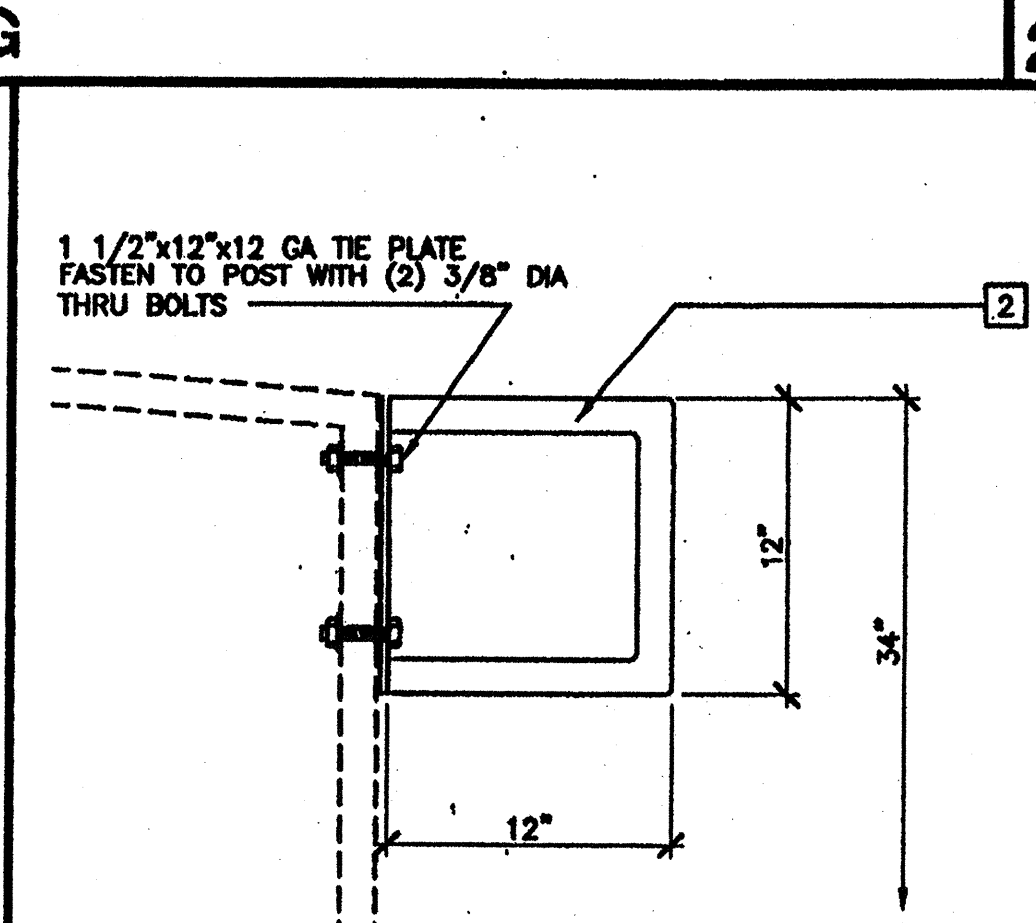
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RAMP EXTENSION TO RAMP

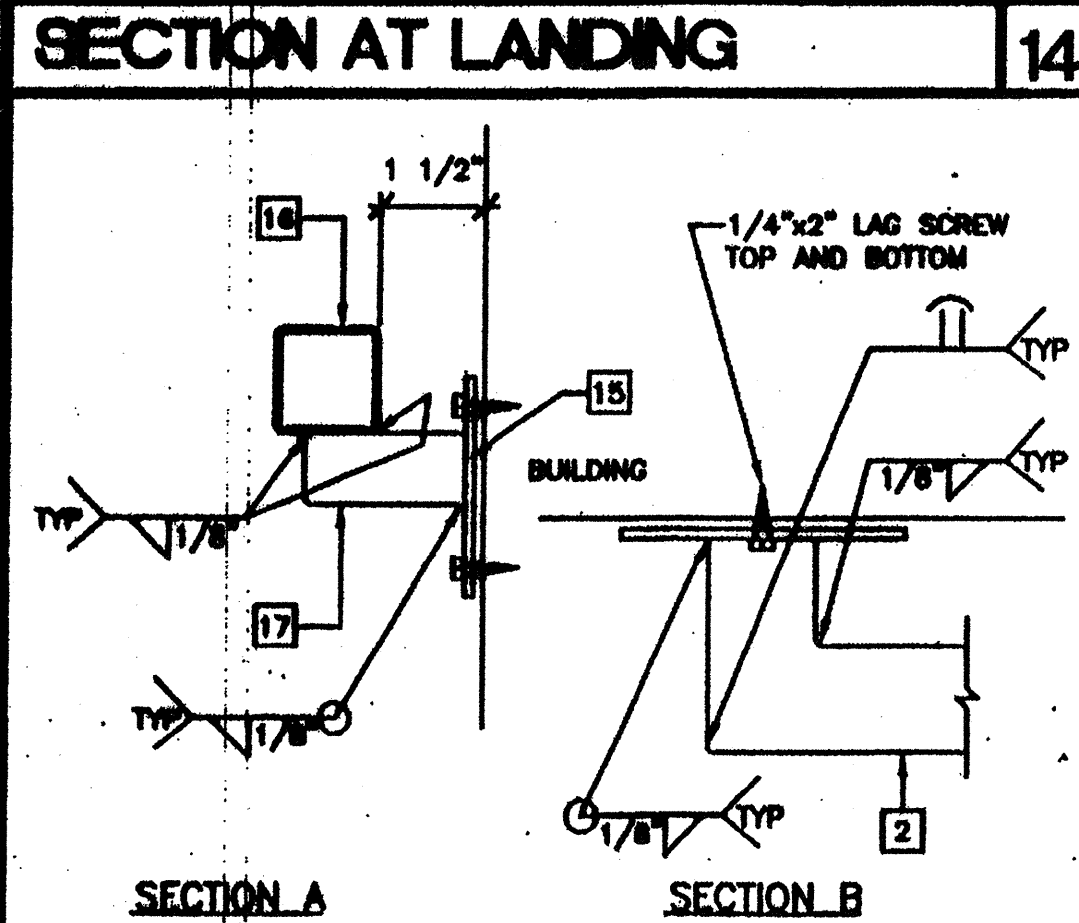
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ALTERNATE GUARD RAIL EXTENSION

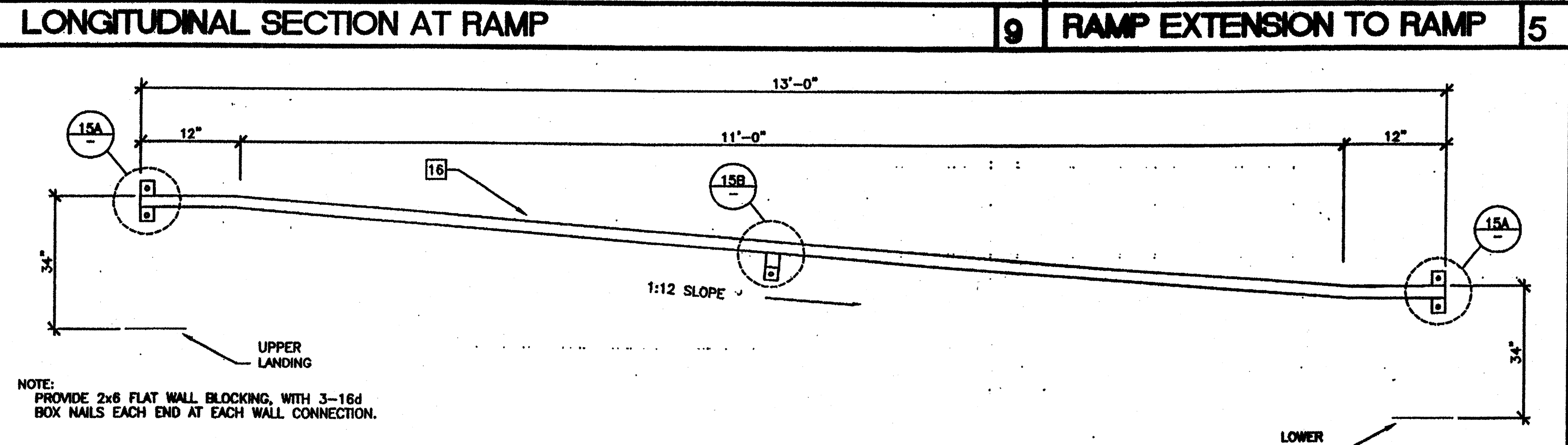
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HANDRAIL CONNECTION

15

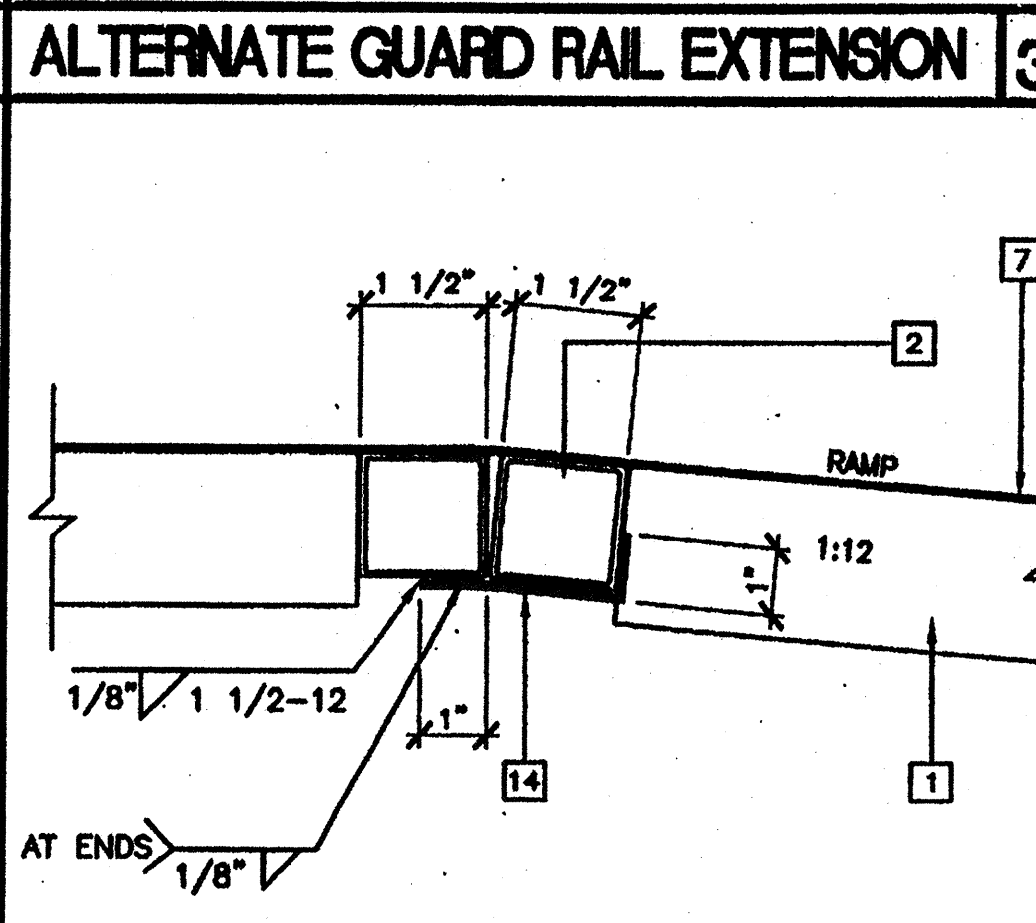
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HANDRAIL ATTACHED TO BUILDING (OPTIONAL)

6

SCALE: NTS



RAMP AT LANDING

4

SCALE: NTS

KEY NOTES

- 1 TS 2"x2"x14 GA
- 2 TS 1 1/2"x1 1/2"x14 GA (Fy = 36KSI), ROUNDED OR BEVELD AT CORNERS
- 3 TS 1"x1"x16 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 6d 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 0.6, 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 MOTECH
- 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"x14 GA HANDRAIL - CONTINUOUS AND UNINTERRUPTED, ROUNDED OR BEVELD AT CORNERS
- 17 TS 1"x1"x16 GA RAIL SUPPORT
- 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 8" 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.

NOTES

1. RAMP: RAMP 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 ANCOR 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 28'-0" AT A SLOPE OF 1:12. ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY MOTECH 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 MOTECH 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	Electrical Engineer's Seal	Mechanical Engineer's Seal	PC Professional of Record Seal	Architect's Seal

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WILLIAM SCOTTSMAN

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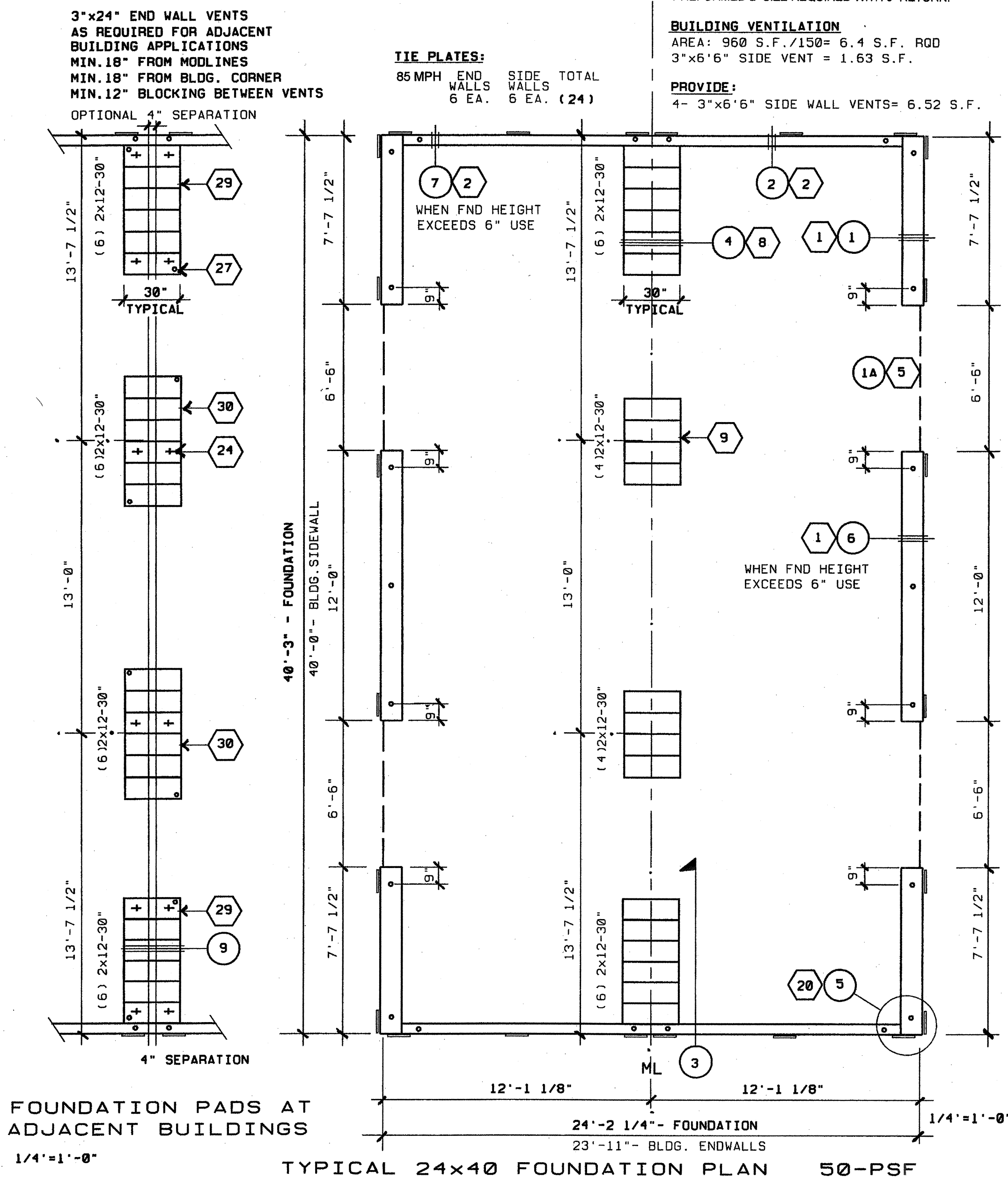
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PROJECT NO. 4736



FOUNDATION PADS AT ADJACENT BUILDINGS 1/4"=1'-0"

TYPICAL 24x40 FOUNDATION PLAN 50-PSF

TYPICAL VENT: 1/4" CORROSION RESISTANT MESH. PREFORMED L-SIZE REQUIRED WITH 3" RETURN.

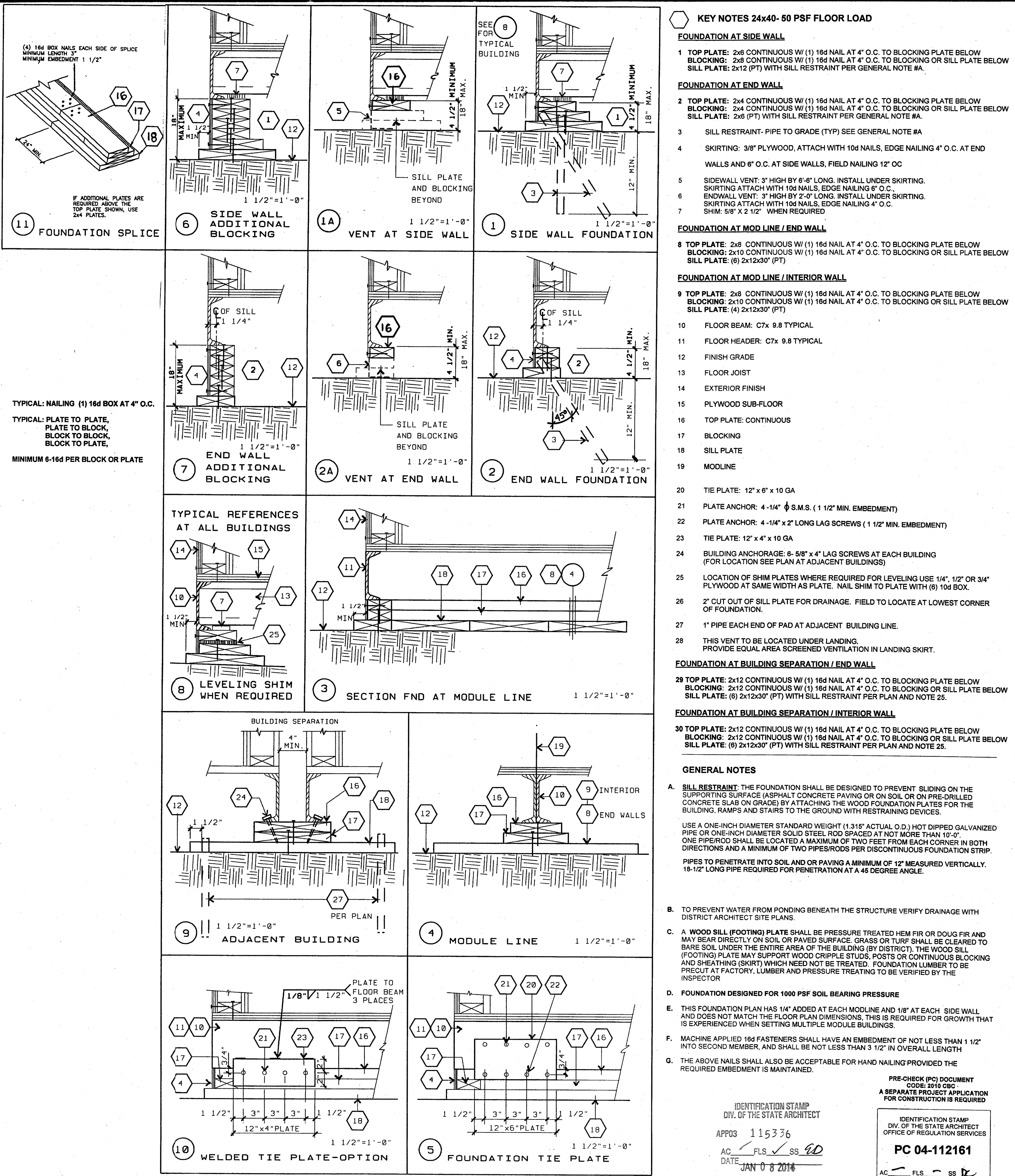
BUILDING VENTILATION AREA: 960 S.F. / 150' = 6.4 S.F. ROD 3"x6'6" SIDE VENT = 1.63 S.F.

PROVIDE: 4- 3"x6'6" SIDE WALL VENTS= 6.52 S.F.

TIE PLATES: 85 MPH END WALLS 6 EA. SIDE WALLS 6 EA. TOTAL 12 EA. (24)

3"x24" END WALL VENTS AS REQUIRED FOR ADJACENT BUILDING APPLICATIONS MIN. 18" FROM MODLINES MIN. 18" FROM BLDG. CORNER MIN. 12" BLOCKING BETWEEN VENTS OPTIONAL 4" SEPARATION

TYPICAL: NAILING (1) 16d BOX AT 4" O.C. TYPICAL: PLATE TO PLATE, PLATE TO BLOCK, BLOCK TO BLOCK, BLOCK TO PLATE, MINIMUM 6-16d PER BLOCK OR PLATE



- 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.
 - SHIM: 5/8" X 2 1/2" WHEN REQUIRED.
 - FOUNDATION AT MOD LINE / END WALL**
 - 8 TOP PLATE: 2x6 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: 2x6 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" Ø S.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) 10d 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, RAMP 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 STEEL ROD SPRAGED AT NOT MORE THAN 40°. ONE PIPE/ROD SHALL BE LOCATED 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 (SKIRT) 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 PLAN 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.
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OFFICE OF REGULATION SERVICES
PC 04-112161
AC FLS ✓ SS ED
DATE FEB 0 1 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
VOICE (951) 943-1908 FAX (951) 943-5768

CLASS LEASING, INC.
STOCKPILE CLASSROOM
24x40 - 50 PSF RELOCATION
FOUNDATION PLAN & DETAILS
PC 04-114441

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

© Class Leasing Inc. 2010

JOB # 2986 # 3022 # 2377 # 2506
3183

RELOCATABLE BUILDING(S)

FOR CLASS LEASING STOCKPILE # 42 121- 24 x 40 CLASSROOMS

- (9) SERIAL # 20829-20846 MONO SLOPE JOB # 2377
- (23) SERIAL # 37318-37363 MONO SLOPE JOB # 2986
- (35) SERIAL # 38012-38081 MONO SLOPE JOB # 3022
- (12) SERIAL # 39704-39727 MONO SLOPE JOB # 3022
- (25) SERIAL # 38523-38572 MONO SLOPE JOB # 3022
- (11) SERIAL # 25607-25628 MONO SLOPE JOB # 2506
- (1) SERIAL # 41569-41570 MONO SLOPE JOB # 3022
- (4) SERIAL # 41008-41015 DUAL SLOPE JOB # 3183
W/ SINK CABINET
- (1) SERIAL # 41016-41017 DUAL SLOPE JOB # 3183

121 RELOCATABLE BLDG'S TOTAL

PC-266

24' x 40'

~~36' x 40'~~

~~48' x 40'~~

REVISED

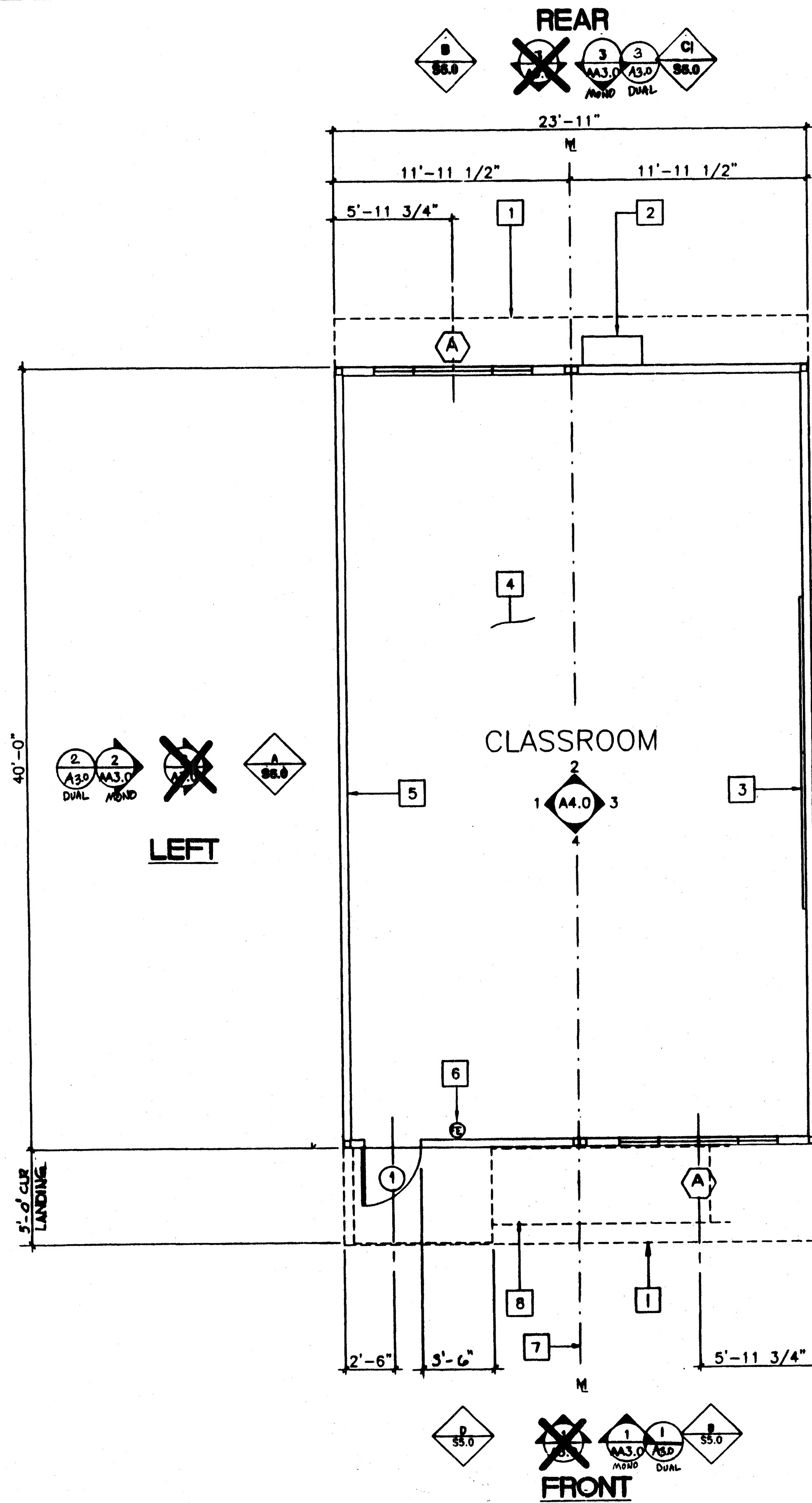
BUILDING DATA				SHEET INDEX	
BUILDING SIZE	24' X 40'	36' X 40'	48' X 40'	ARCHITECTURAL SITE SET-UP	
OCCUPANCY	E-2	E-	E-1	A0 COVER SHEET	
TYPE OF CONSTRUCTION	V-N	V-N	V-	A1.0 FLOOR PLAN 24'x40'	
WIND LOAD	70 MPH. EXP. "C"	70 MPH. EXP. "C"	70 MPH. EXP. "C"	[REDACTED]	
FLOOR LIVE LOAD	50/50 + 20 PSF	50/50 + 20 PSF	50/50 + 20 PSF	[REDACTED]	
ROOF LIVE LOAD	20 PSF	20 PSF	20 PSF	[REDACTED]	
BUILDING AREA	960 SF	1440 SF	1920 SF	[REDACTED]	
STRUCTURAL DESIGN	RIGID FRAME	RIGID FRAME	RIGID FRAME	[REDACTED]	
APPLICABLE CODES				A3.0 EXTERIOR ELEVATIONS (MONO PITCH) 24'x40'	
TITLE 24, CCR, PART 2, 1995 CBC (94 UBC W/95 CA AMENDMENTS)				[REDACTED]	
1994 UBC & 1995 CA AMENDMENTS (95 CBC - PART 2, TITLE 24, CCR)				[REDACTED]	
1993 NEC & 1995 CA AMENDMENTS (95 CEC - PART 3, TITLE 24, CCR)				[REDACTED]	
1994 UMC & 1995 CA AMENDMENTS (95 CMC - PART 4, TITLE 24, CCR)				[REDACTED]	
1994 UPC & 1995 CA AMENDMENTS (95 CPC - PART 5 TITLE 24, CCR)				[REDACTED]	
1994 UNIFORM FIRE CODE W/ STATE AMENDMENTS (CALIFORNIA FIRE CODE - PART 9, TITLE 24, CCR)				[REDACTED]	
1994 BUILDING STANDARDS CODE (95 STATE REFERENCED STANDARDS CODE - PART 12, TITLE 24, CCR)				[REDACTED]	
TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.				STRUCTURAL	
LEGEND				F1.0 FOUNDATION PLAN (24 x 40) 50 + 20 PSF LL (WOOD) (PC# 04-111441)	
SYMBOL	DESCRIPTION			[REDACTED]	
①	DETAIL ON SAME SHEET AS SYMBOL			[REDACTED]	
②	DETAIL NUMBER (1) ON SHEET NUMBER (2)			[REDACTED]	
①	KEY NOTE (1) ON SAME SHEET AS SYMBOL			[REDACTED]	
④	KEY NOTE NUMBER (4) ON SHEET NUMBER (5)			[REDACTED]	
△	WALL PANEL TYPE "A" ON SHEET (1)			[REDACTED]	
△	SECTION "A" ON SHEET (2)			[REDACTED]	
△	REVISION / CHANGE IN DRAWING. NO. (1) IS FIRST REVISION			[REDACTED]	
CLOUD	HIGHLIGHTS CHANGED AREA			[REDACTED]	
①	DOOR REFERENCE			[REDACTED]	
A	WINDOW REFERENCE			[REDACTED]	
EL	ELECTRICAL ITEM(S) SEE ELECT. DRAWINGS			[REDACTED]	
HV	HEATING/VENTILATING & AIR CONDITIONING ITEM(S) SEE MECHANICAL DRAWINGS			[REDACTED]	
PLG	PLUMBING ITEM(S) SEE MECHANICAL DRAWINGS			[REDACTED]	
STR	STRUCTURAL ITEM(S) SEE STRUCTURAL DRAWINGS			[REDACTED]	
				S4.0 STRUCTURAL DETAILS	
				MECHANICAL	
				ELECTRICAL	
				E1.0 ELECTRICAL PLAN 24'x40'	
				RAMP	
				R1.0 RAMP / LANDING PLAN	
				R2.0 RAMP / STAIRS DETAILS	
				IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES 04 100929 ASB FLS RCL SS JP DATE JAN 07 1999 FLS: P. ALLAIRE RCP: J. Schaebe	
				IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APPOS 115336 AC, ACP, FLS, RCL, SS, ED DATE JAN 08 2014	
				WITH THE SIGNING OF THESE DRAWINGS, WE ACKNOWLEDGE THAT WE HAVE REVIEWED THESE PLANS AND SPECIFICATIONS AND HAVE FOUND THEM TO BE IN GENERAL COMPLIANCE WITH THE BID DRAWINGS, SPECIFICATIONS AND ASSOCIATED ADDENDA. WHEN THESE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY THE DIVISION OF THE STATE ARCHITECT, THEY SHALL PRESIDE OVER CONFLICTING AREAS IN THE BID DRAWINGS AND SPECIFICATIONS, AND ANY ADDENDA THERETO. CONFIDENTIAL - This document and the information contained herein are the property of MODTECH, INC., unauthorized copying, disclosure or other unauthorized uses are prohibited.	

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<table border="1"> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>4012-088</td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>05 JAN 99</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	1									4012-088	2									05 JAN 99	3										4										5										6																JOB # 2986 CLASS LEASING	2506 2986 3183	date: 4012-088 checked by: 05 JAN 99 date: Modtech project no: MODTECH index No.
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JOB # 2986		checked by:	05 JAN 99
CLASS LEASING		date:	
		Modtech project no:	
		MODTECH index No.	
COVER SHEET		A0.0	

SET-UP 42

FILE # P266 A00 PROJECT NO. JOB # 2986 24X40 CLASSROOMS CLASS LEASING (Inventory) STKP-42 PC-266 2022 3183



FLOOR PLAN (24' X 40')

SCALE 1/4"=1'-0"

KEY NOTES

- 1 ROOF OVERHANG
- 2 HVAC UNIT - SEE MECH. SHEET
- 3 2- 8'X4' MARKER BOARDS (SEE SPEC'S)
- 4 FINISH FLOORING: (SEE FINISH SCHED.) A5.0
- 5 TYPICAL INTERIOR FINISH (SEE FINISH SCHEDULE) A5.0
- 6 FIRE EXTINGUISHER - 5 LBS. DRY CHEMICAL WITH 2A-10BC U.L. RATING ON WALL MTD. BRACKET. HANDLE AT 48" A.F.F.
- 7 MODLINE (M TYPICAL)
- 8 LINE OF RAMP/LANDING SEE R1.0 & R2.0

NOTES

- 1. METAL TAG ON ALL MODULES. MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING SHOW D.S.A. APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER, ROOF & FLOOR DESIGN LIVE LOAD, AND DESIGN WIND LOAD.
- 2. INSULATION MATERIALS INSTALLED WITHIN FLOOR-CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, WALLS, CRAWL SPACES, OR ATTICS SHALL HAVE A FLAMESPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450. EXCEPTIONS: 1. FOAM PLASTIC INSULATION SHALL COMPLY WITH SEC. 2602 2. WHEN MATERIALS ARE INSTALLED IN CONCEALED SPACES OF TYPES I, II, 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. (SEC. 707.3 CBC.)

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STKP-42
11/24/98
3027 3183
2506
2986
PROJECT NO.

REVISIONS	DESCRIPTION	DATE
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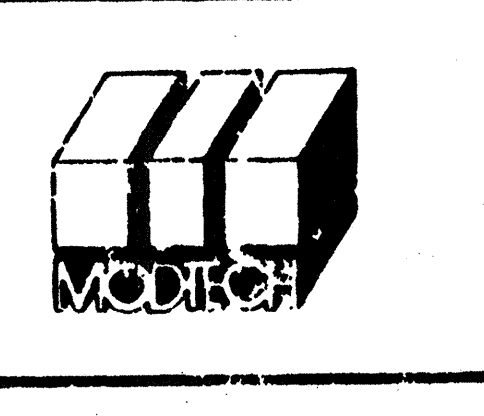
Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal
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GEORGE C. EDWARDS
STATE OF CALIFORNIA
JAN 25 1997

Division of the State Architect
OFFICE OF REGULATION SERVICES
FC-66
DATE JAN 25 1997



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PH (909) 943-4014
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PROJECT NUMBER: 2986

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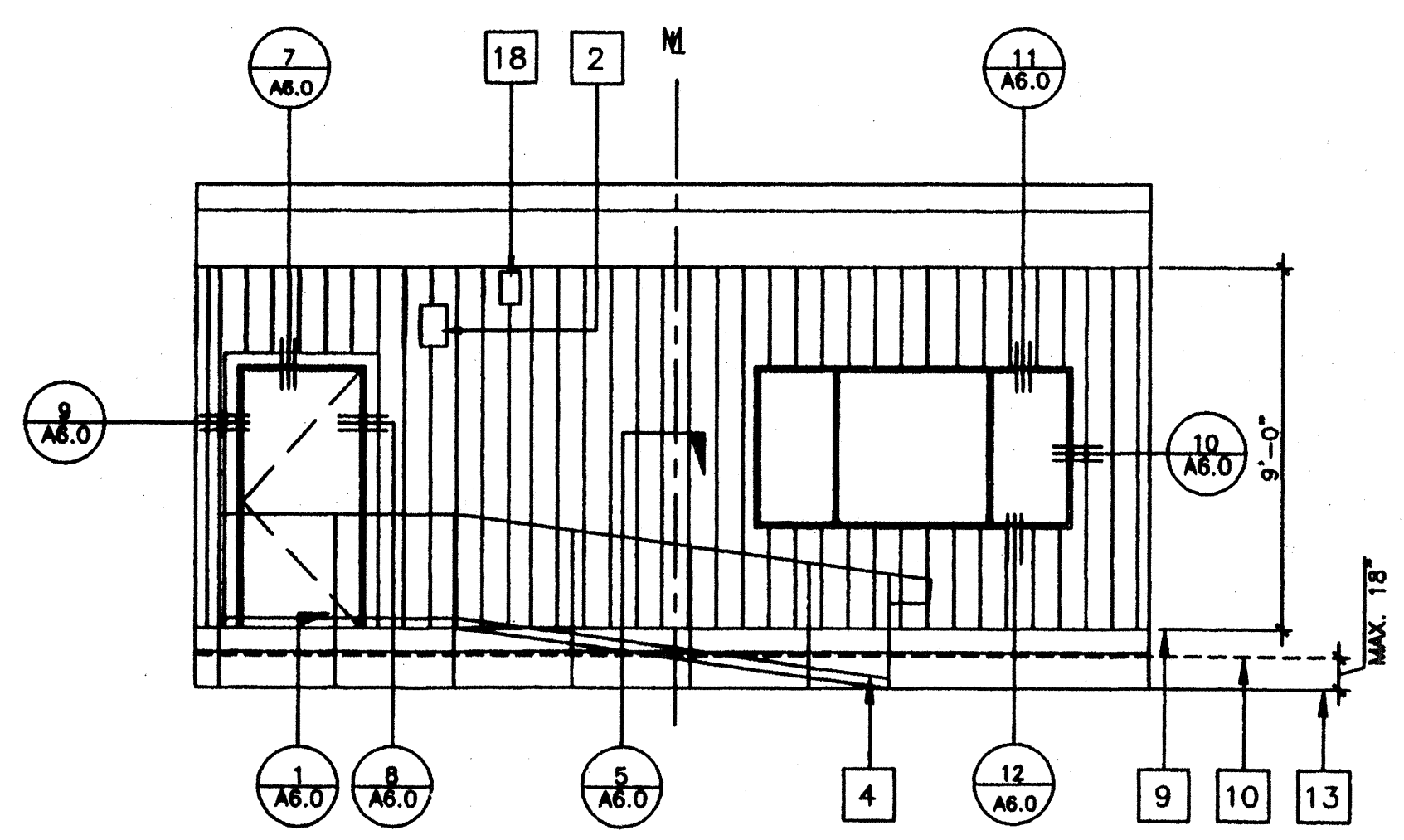
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checked by: 05 JAN 99
project no: 2506
MODTECH Index No.
A1.0

FLOOR PLAN

FILE # P266A30

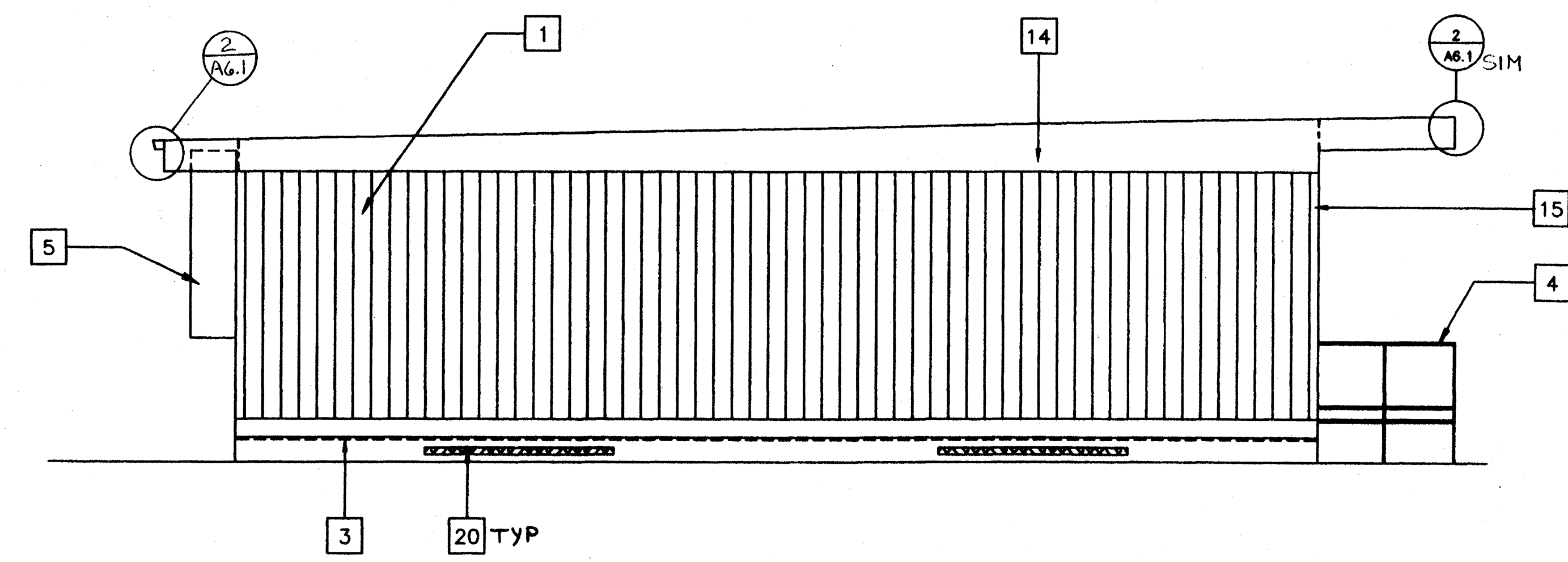
KEY NOTES

- 1 TYPICAL EXTERIOR SIDING (SEE SPEC'S)
- 2 EXTERIOR LIGHT FIXTURE (SEE SPEC'S)
- 3 TOP OF SKIRTING
- 4 RAMP AND LANDING SEE SHT. R-1
- 5 HVAC UNIT (HV)
- 6 DOWNSPOUT (TYP.) FOR (1). FASTEN TO BLDG. TYP. 3 PLACES (SEE 8/A6.1)
- 7 CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN)
- 8 SPLASH BLOCK (BY OTHERS)
- 9 FINISH FLOOR LINE
- 10 BOTTOM FLANGE OF FLOOR BEAM
- 11 ROOF HEADER
- 12 ROOF OVERHANG
- 13 FINISH GRADE
- 14 ROOF BEAM (STR)
- 15 COLUMN (STR)
- 16 ELECTRICAL STUB-OUT (EL)
- 17 GROUND STUB-OUT (EL)
- 18 J Box FOR FA HORN (EL)
- 19 GUTTER BOX. (EL)
- 20 FOUNDATION VENT (SEE FOUNDATION PLAN FOR SIZE & LOCATION)



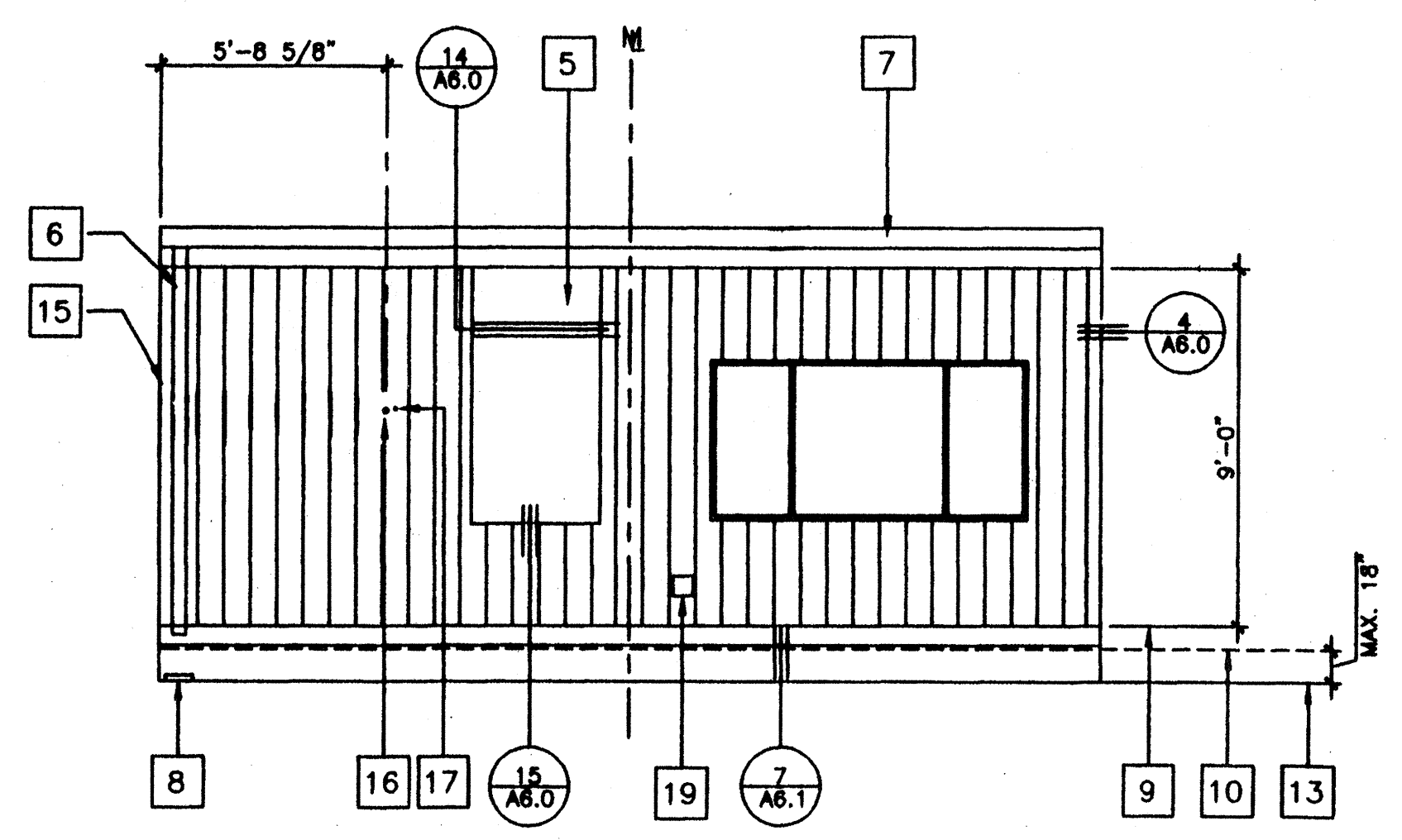
1 FRONT ELEVATION

SCALE 1/4"=1'-0"



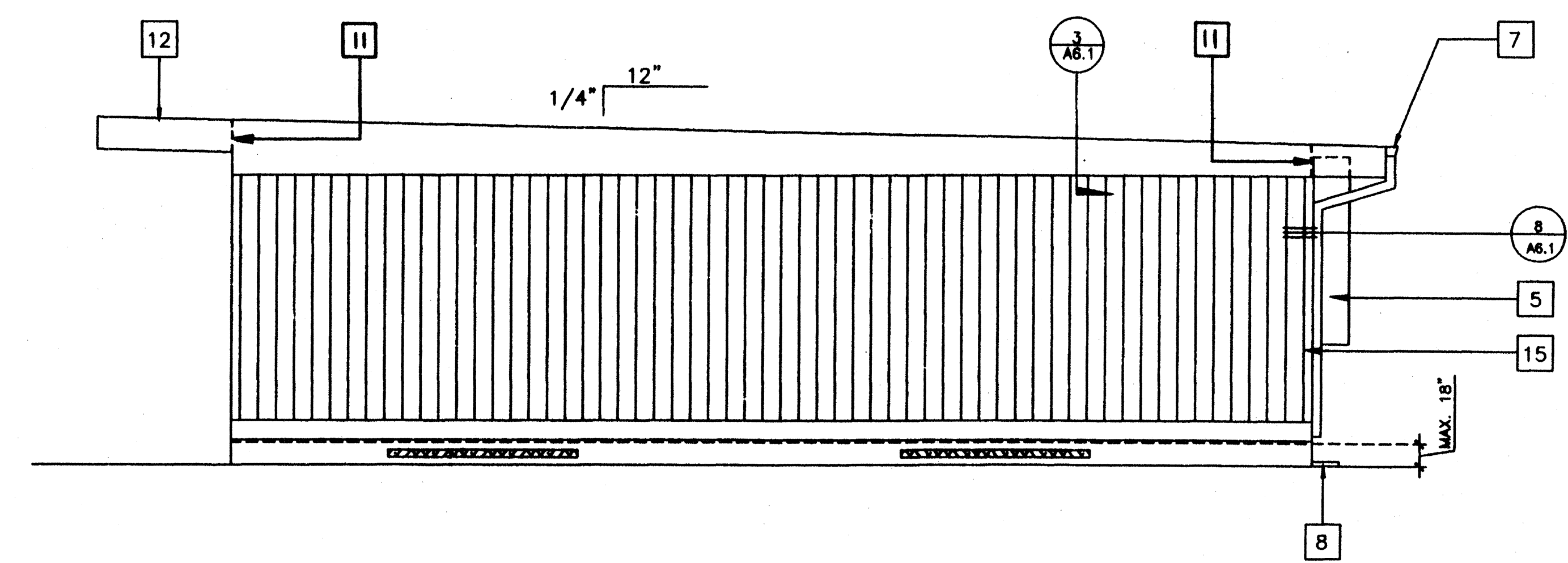
2 LEFT SIDE ELEVATION

SCALE 1/4"=1'-0"



3 REAR ELEVATION

SCALE 1/4"=1'-0"



4 RIGHT SIDE ELEVATION

SCALE 1/4"=1'-0"

NOTES

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STKP-42M
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24' X 40' (MONO SLOPE)

REVISED

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1					
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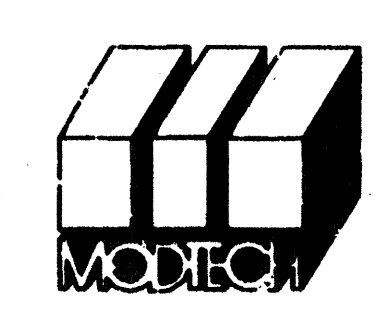
Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal
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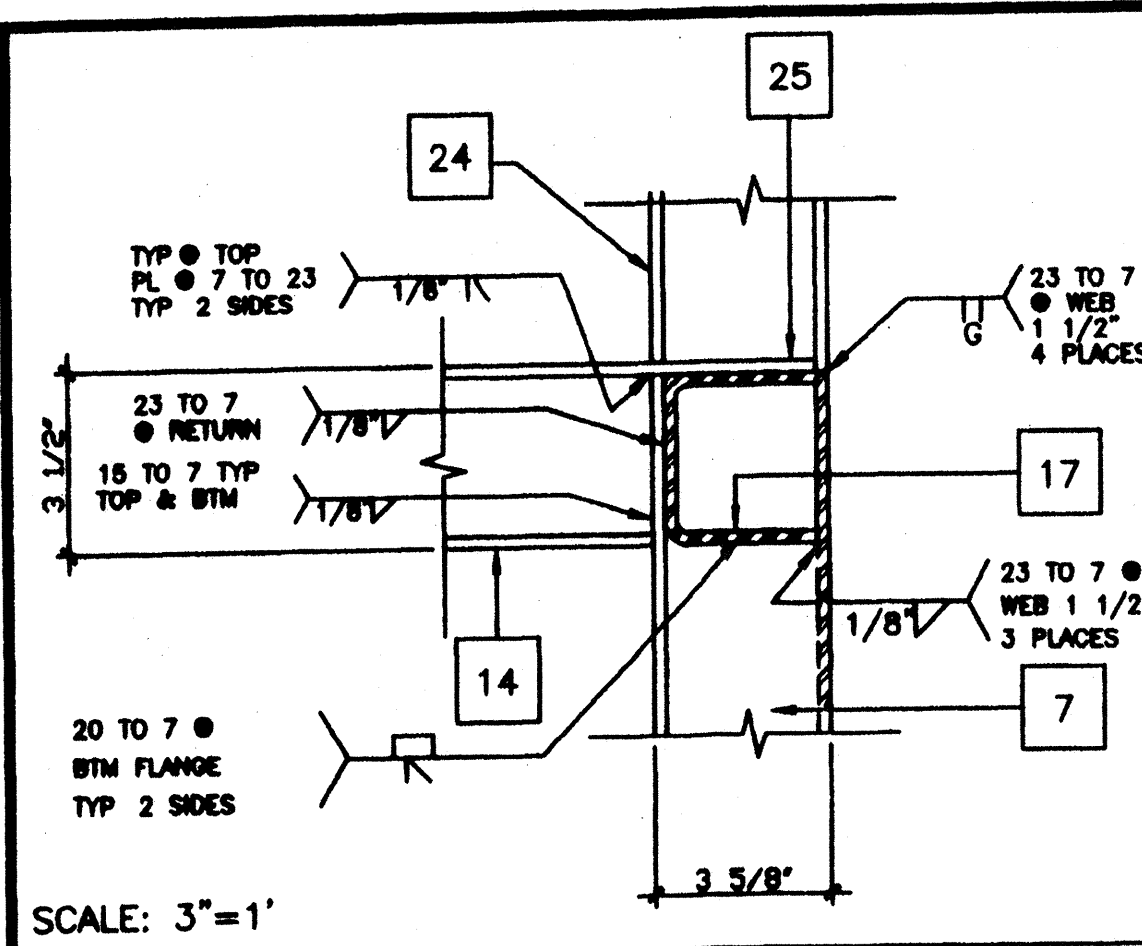
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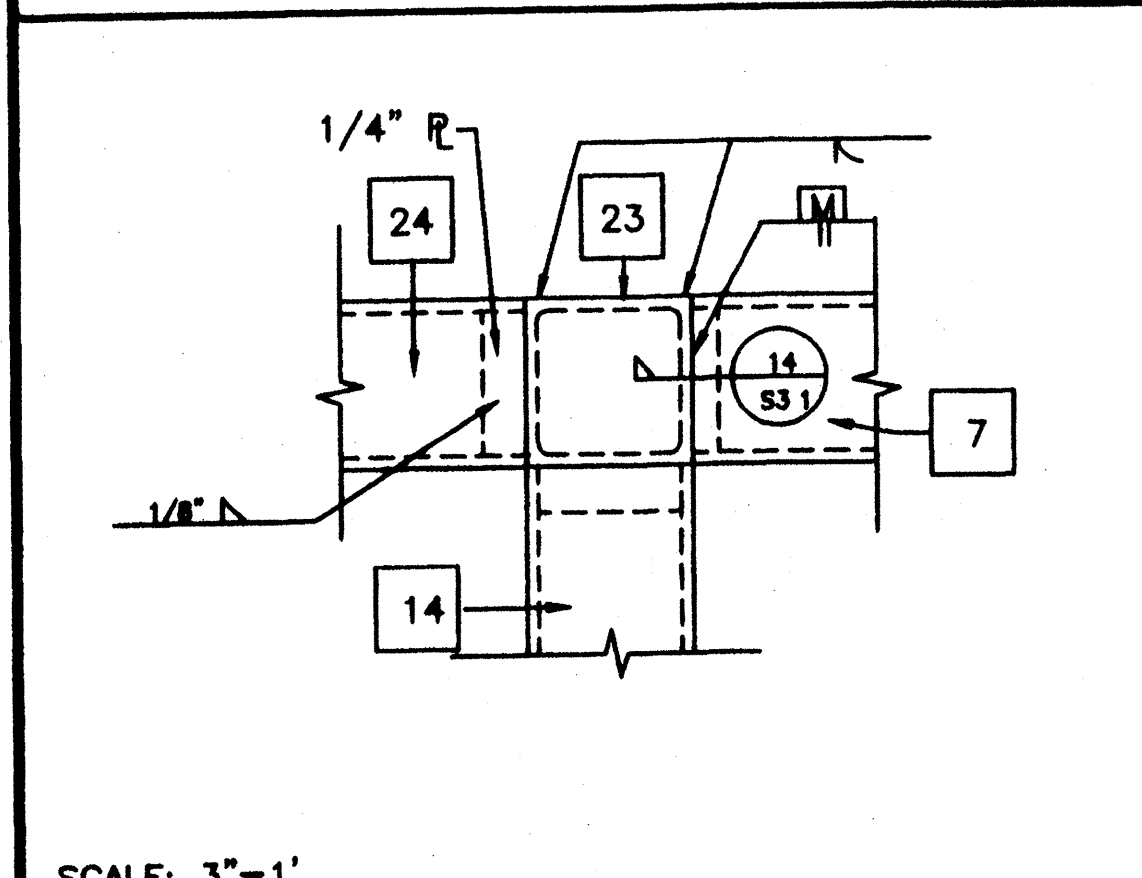
EXTERIOR ELEVATIONS

AA3.0

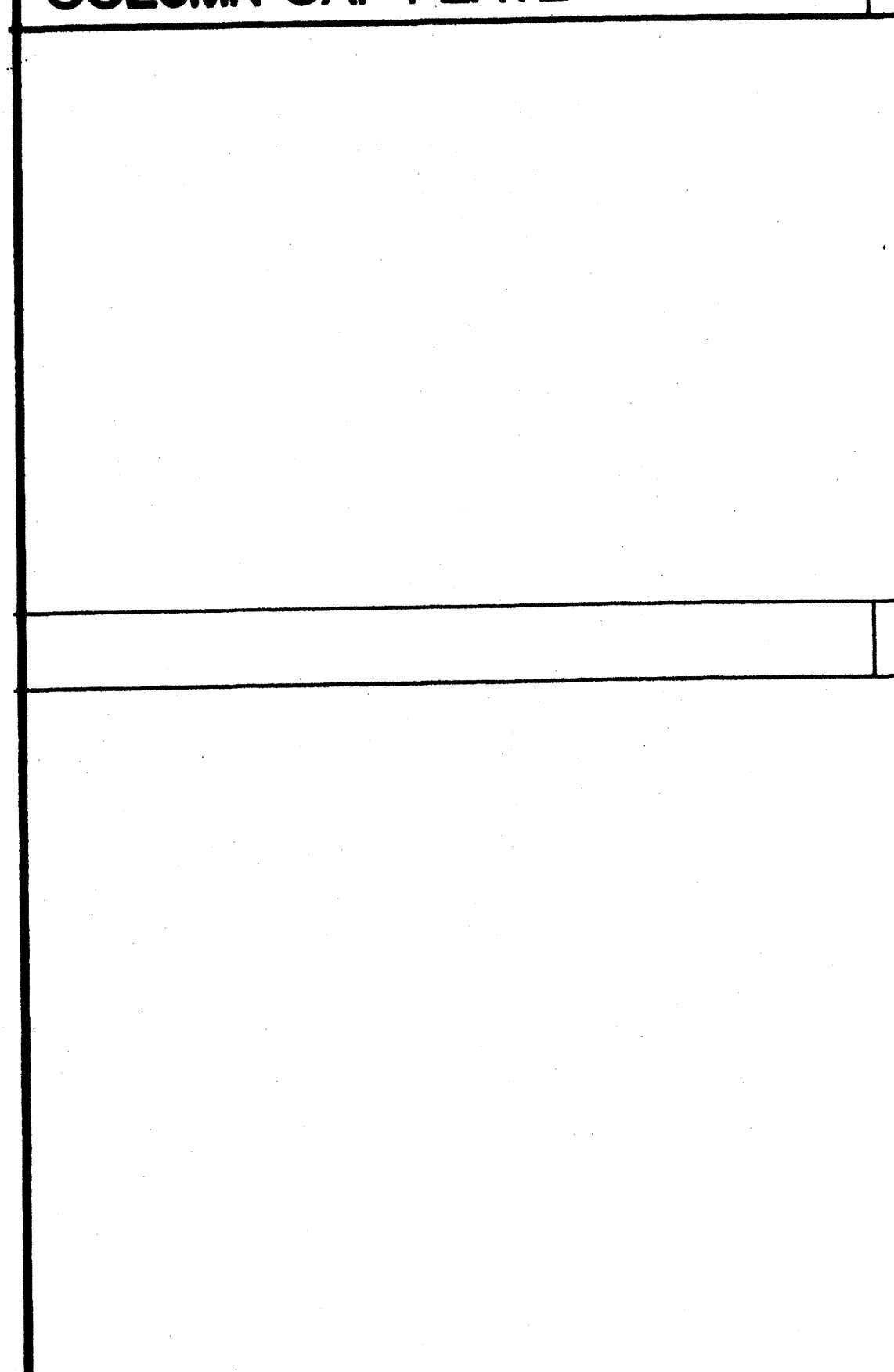
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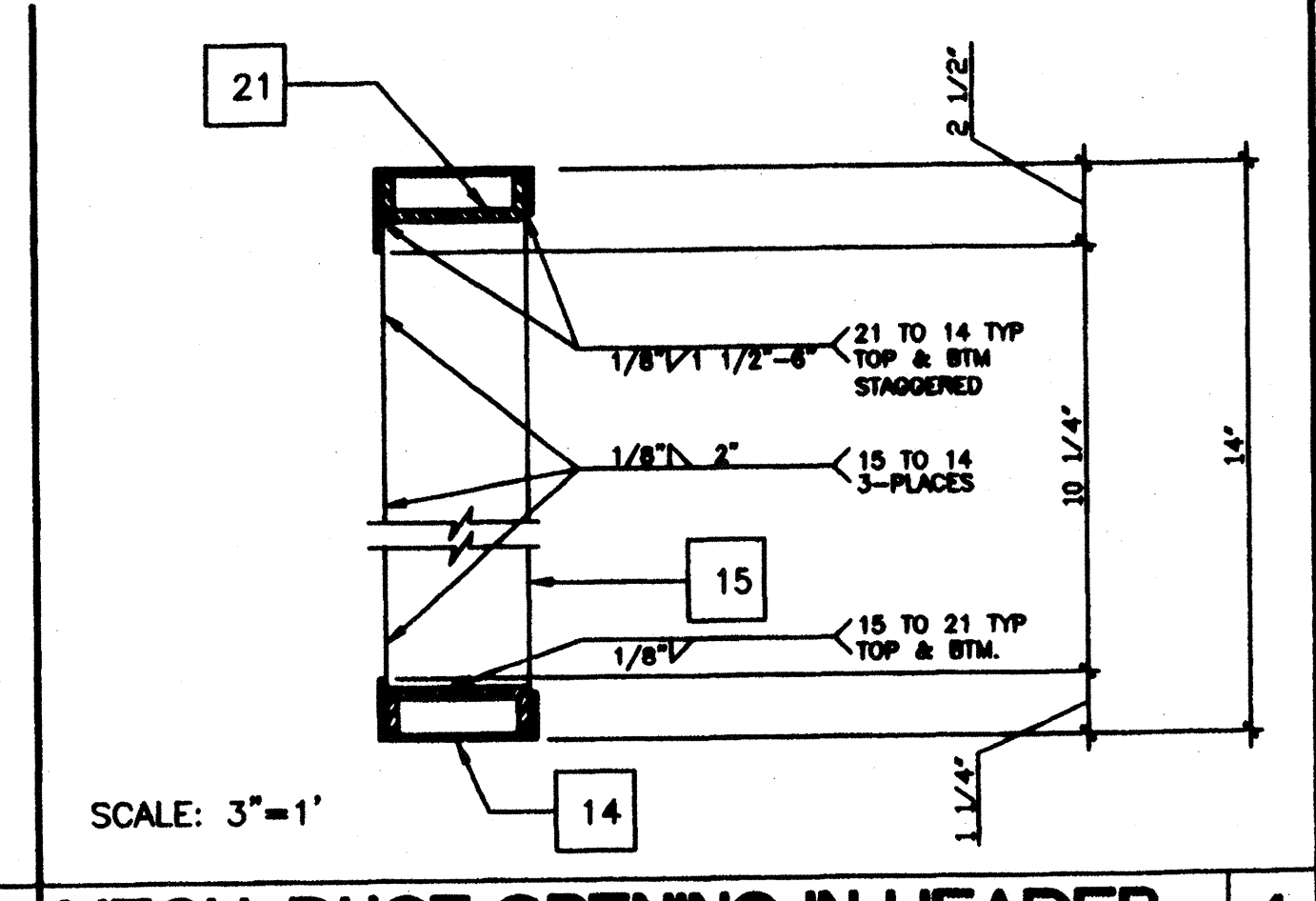
COLUMN SECTION 11



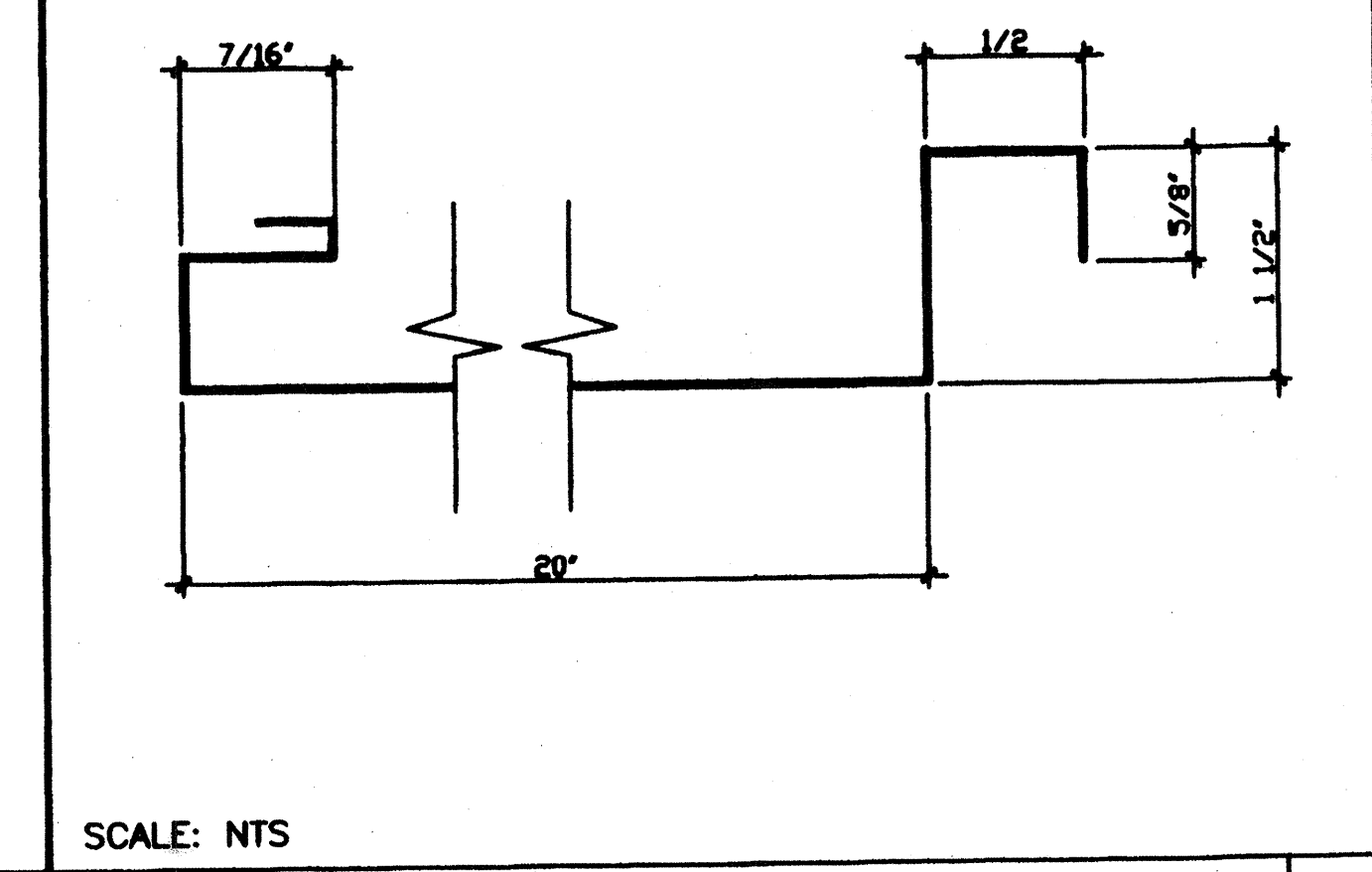
COLUMN CAP PLATE 12



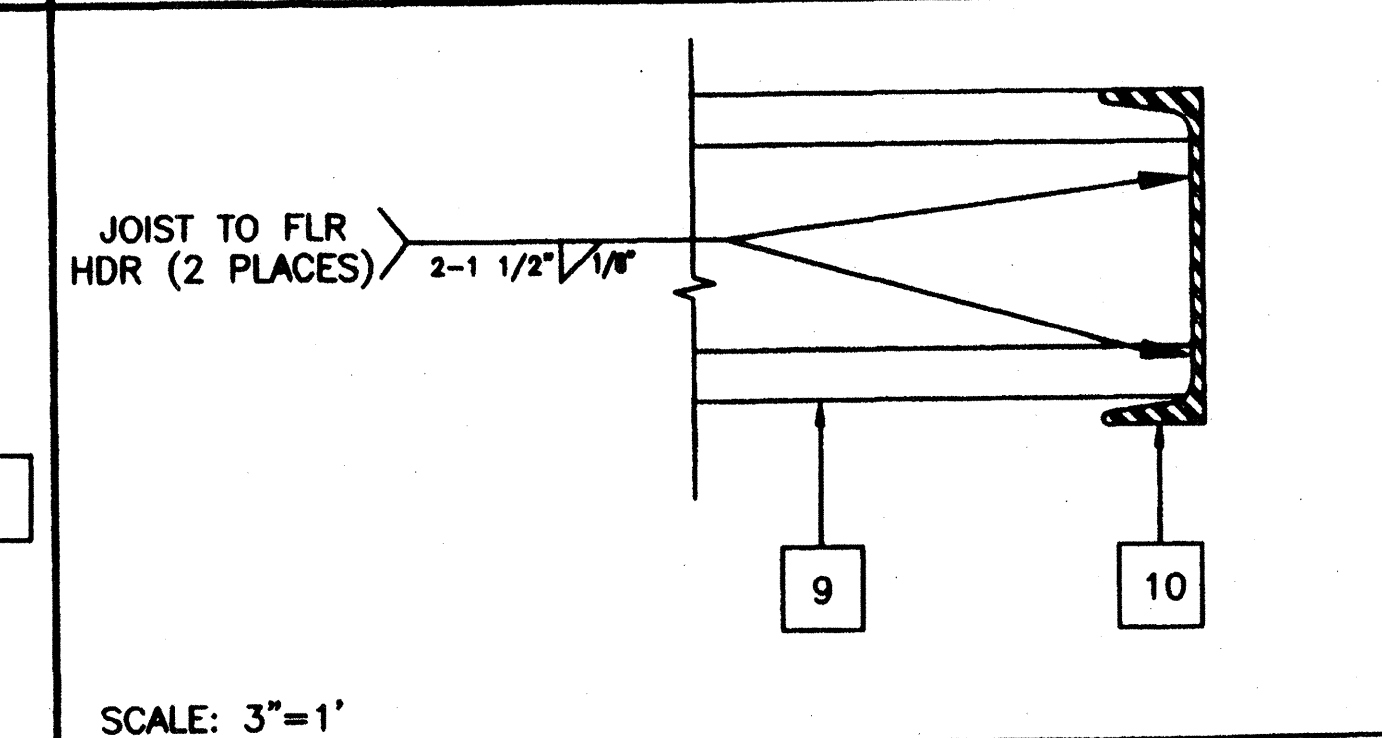
ROOF HEADER AT FRONT OVERHANG 10



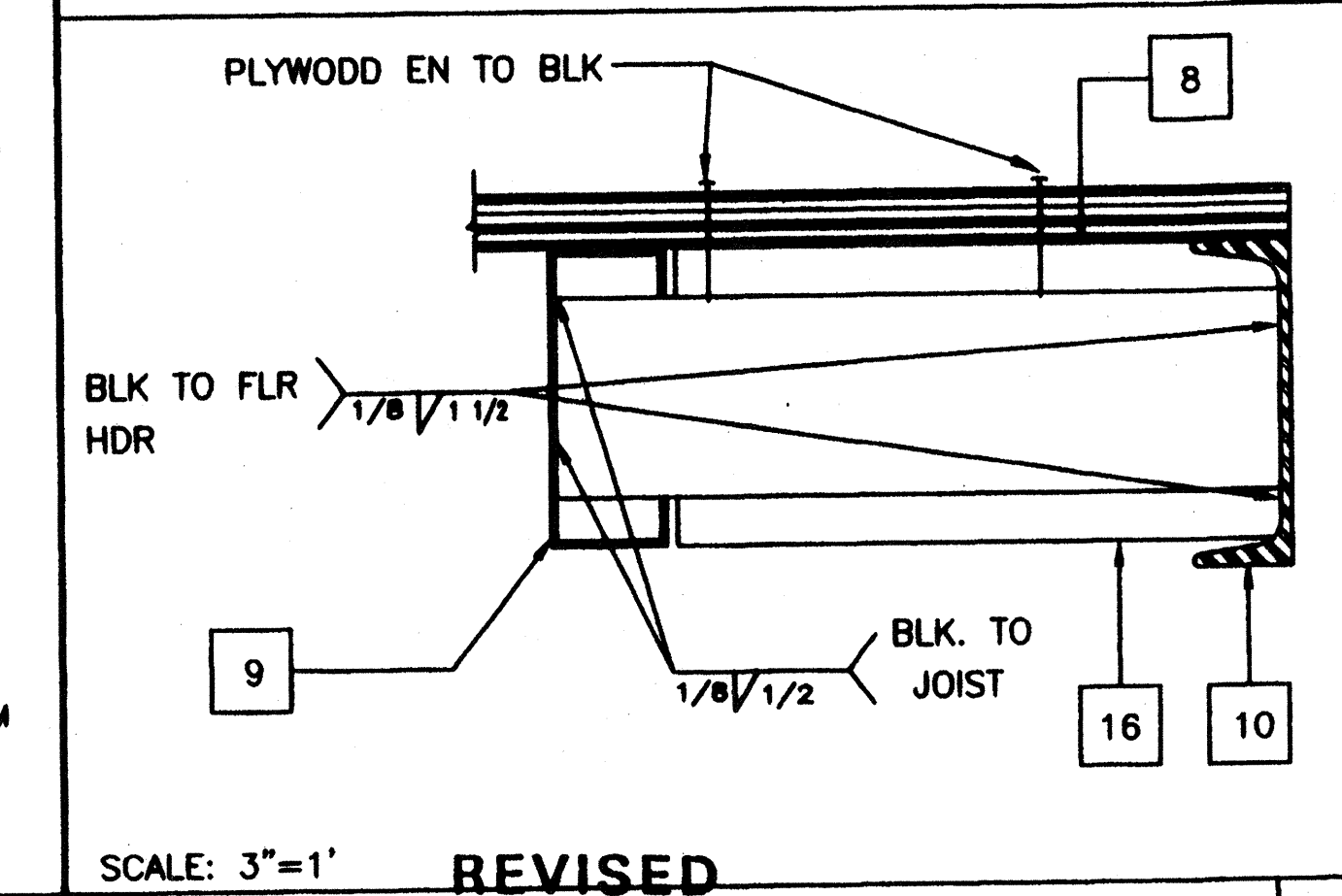
MECH. DUCT OPENING IN HEADER 8



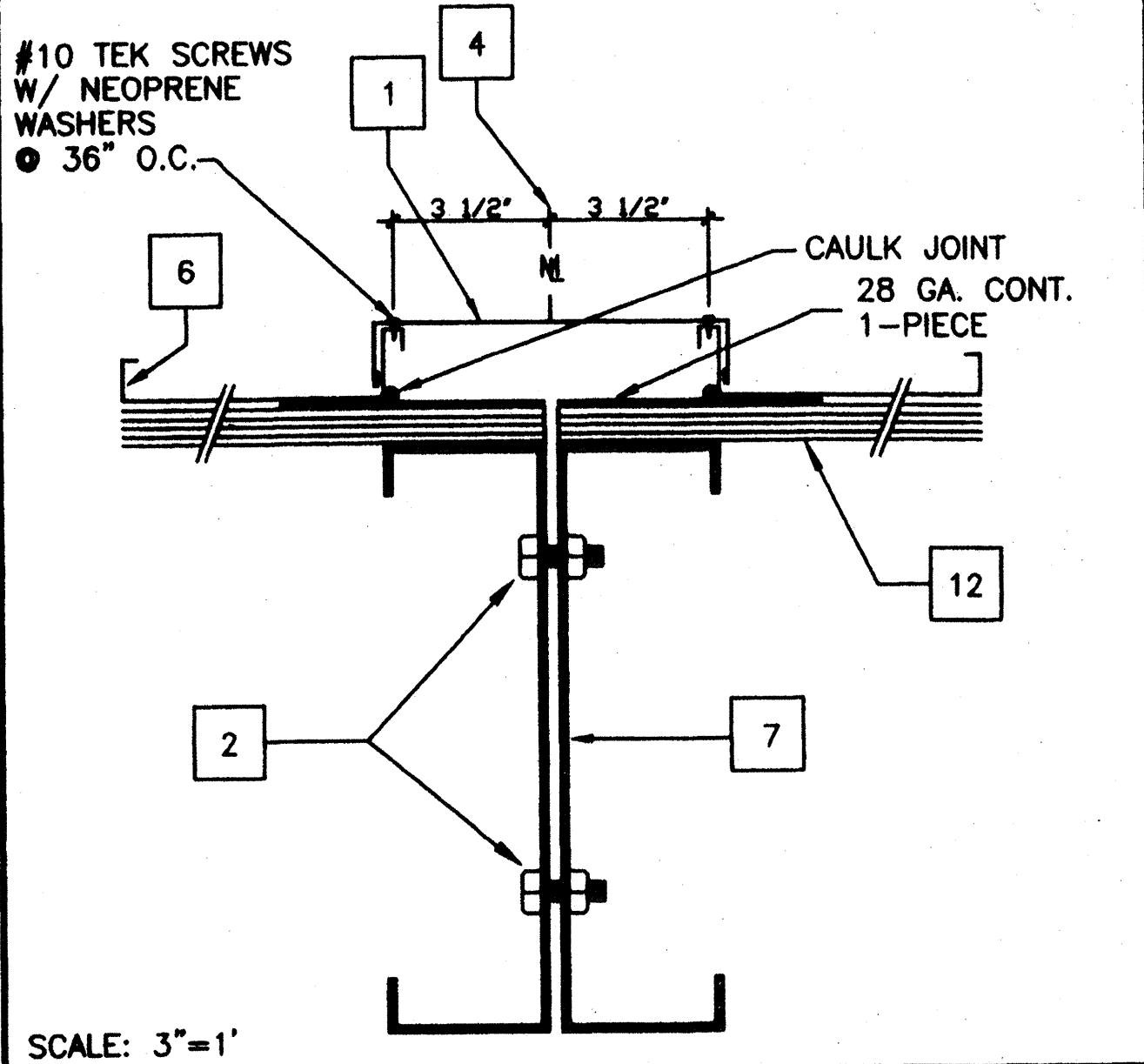
ROOF PAN 9



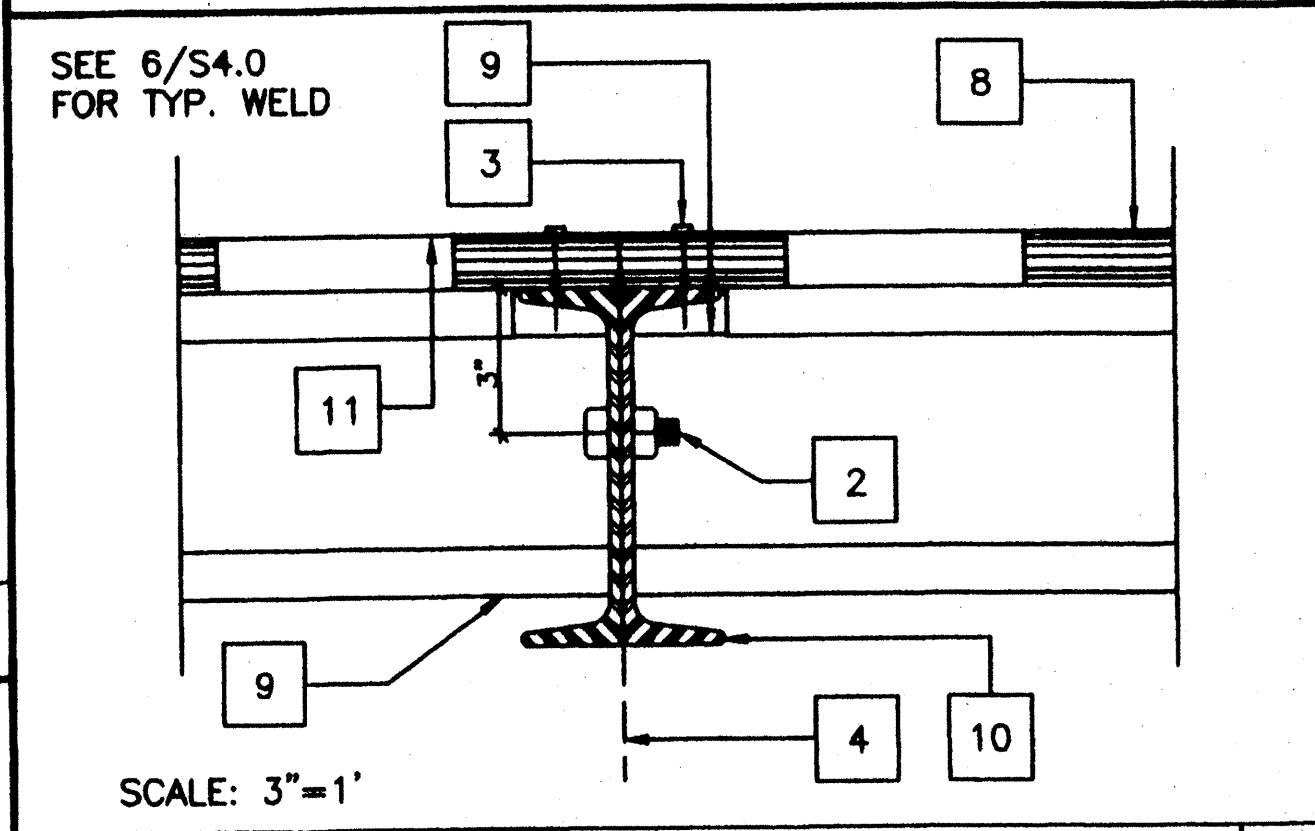
FLOOR FRAME/JOIST TO BEAM 6



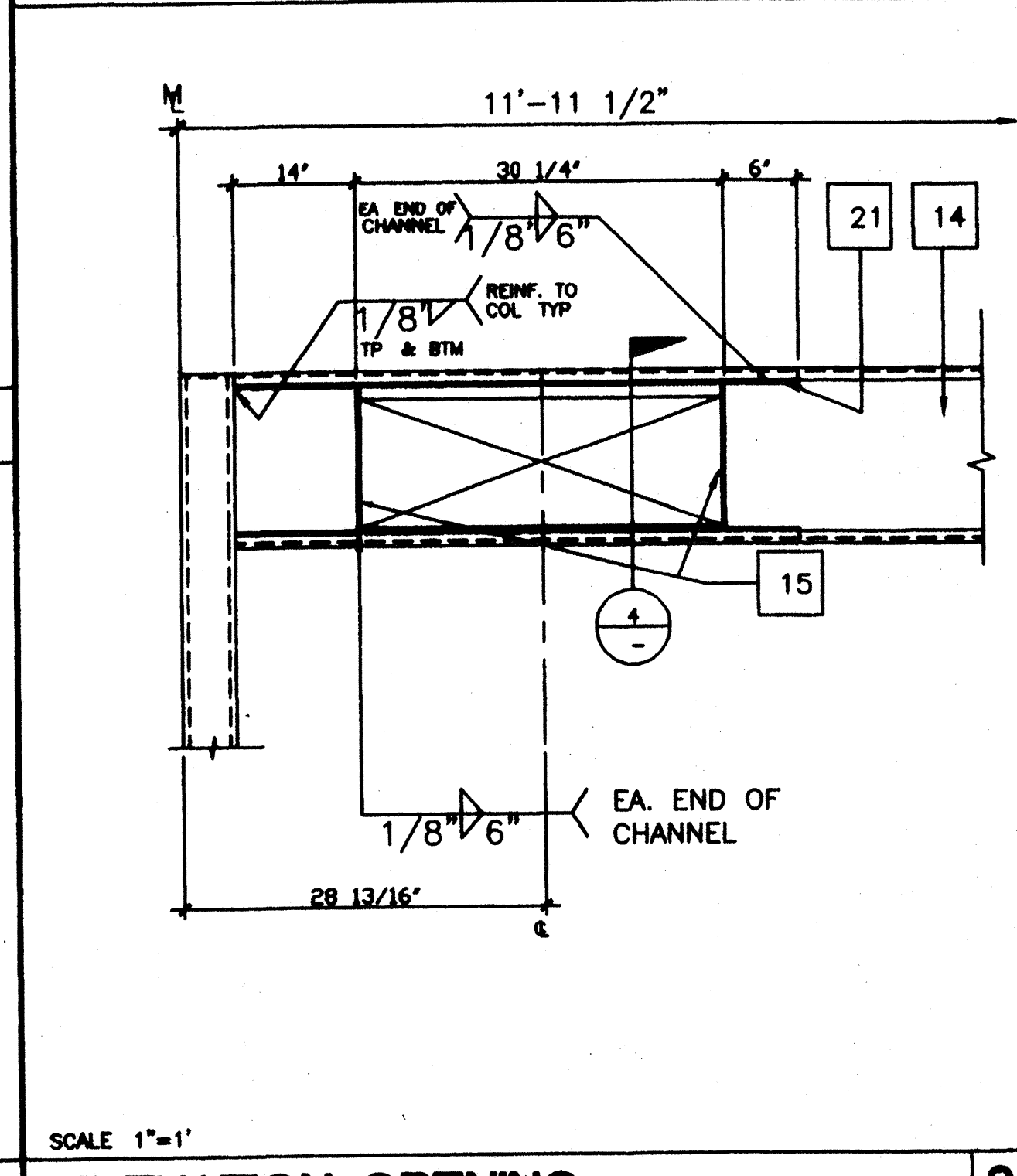
BLOCK AT MIDSPAN 7



ROOFING AT MODLINE 1



MODULE JOINT AT FLR. 2



ELEVATION-OPENING 3

- KEY NOTES**
- 1 CAP CLOSURE ● RIDGE 26GA. GALV. W/#10 TYPE FASTENERS W/NEOPRENE WASHERS TO RIB BOTH SIDES OF MODLINE. SET CAP IN SEALANT SEE DETAIL-
 - 2 5/8" M.B. A307 MODULE JOINT (SEE STRUCTURAL PLAN FOR LOCATION) ● 8" O.C.
 - 3 E.N.
 - 4 MODULE JOINT
 - 5 NOT USED
 - 6 STANDING ROOF SEAM (SEE A2.0)
 - 7 ROOF BEAM (SEE STRUCTURAL) SEE 3/S3.1 & 12/S3.1
 - 8 PLYWOOD FLOOR SHEATHING
 - 9 FLOOR JOIST 6/S3.1
 - 10 FLOOR BEAM (SEE STRUCTURAL 5/S3.1)
 - 11 HAND HOLE ● BOLT LOCATION
 - 12 PLYWOOD ROOF SHEATHING
 - 13 3 1/2"x3 1/2"x1/4" STEEL TUBE COLUMN
 - 14 ROOF HEADER (SEE STRUCTURAL 1/S3.1)
 - 15 1/4" STIFFENER PLANE SEE 9/S3.1 FOR TYP. WELD
 - 16 "C" BLOCKING SEE 6/S3.1
 - 17 10GA. BACK-UP PL.
 - 18 NOT USED
 - 19 NOT USED
 - 20 2"x2"x3/16" L
 - 21 3 1/4"x1"x45 11/16" LX10GA. CHANNEL TOP & BOTTOM CENTER OF OPENING
 - 22 ROOF PURLIN SEE 2/S3.1
 - 23 TUBE STEEL (SEE 11/S3.1) STIFFNER COPE TO FIT ROOF BEAM
 - 24 ROOF BEAM AT OVERHANG SEE 4/S3.1

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

Professional Engineer's Seal for Electrical, Mechanical, and Structural disciplines.

Architect's Seal for MODTECH INC. License No. 4012-088, State of California.

Division of the State Architect, Office of Regulation Services, License No. PC-266, State of California.

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PROJECT NUMBER: 29 86
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drawn by: 4012-088
checked by: 05 JAN 99
DATE: JAN 07 1999
STKP-42
S4.0

FILE # P286 S4.0.DWG PC-266 2506

ELECTRICAL PANEL SCHEDULE

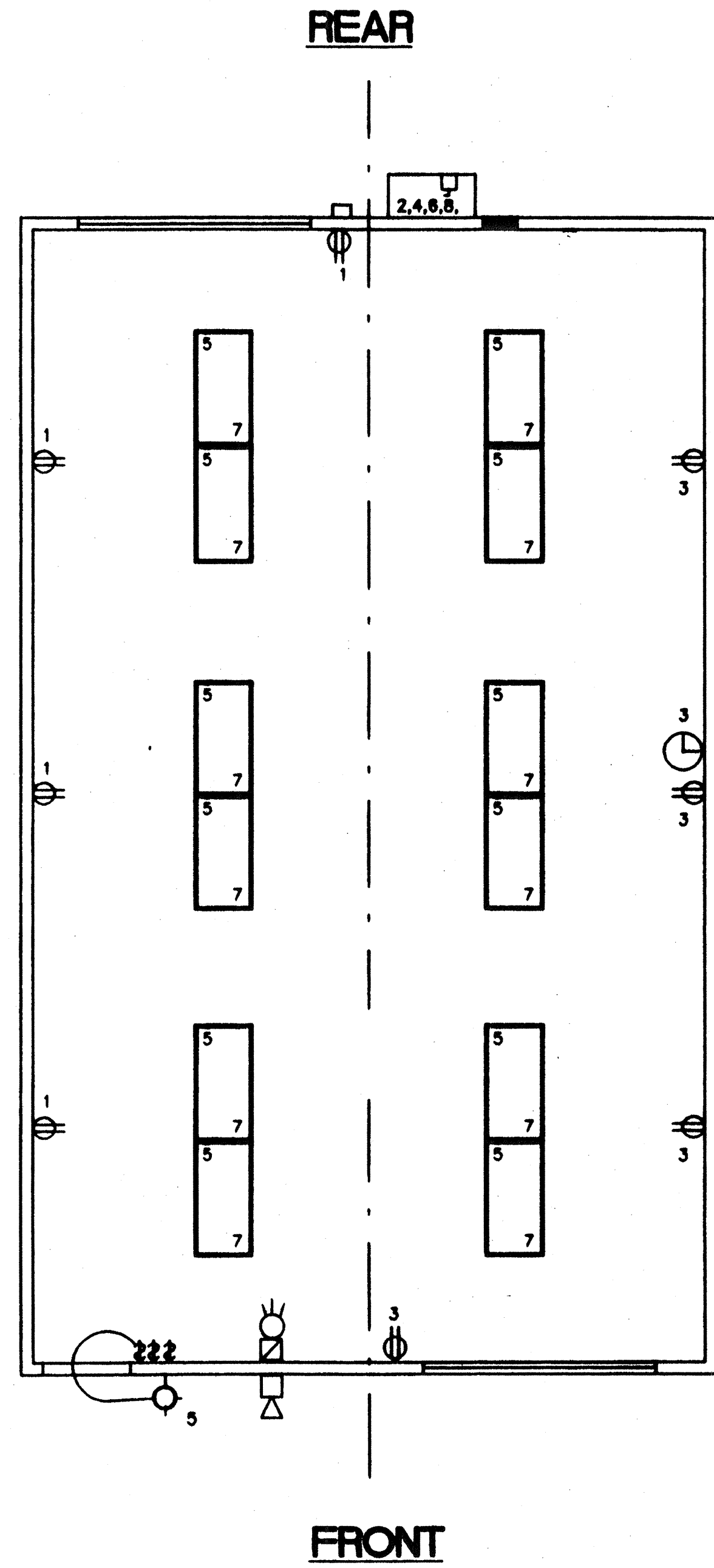
LOAD	WATTS		BREAKER		A		B		BREAKER		WATTS		LOAD
	Ag	Bg	Amps	P	U	O	U	P	Amps	Ag	Bg		
RECEPTACLE (4)	720		20	1	1				2	60	3360	HVAC 3.5 (T)	
RECEPTACLE / CLOCK (5)	900		20	1	3				4		3360	HVAC 3.5 (T)	
INT. / EXT. LIGHTS (25)	900		20	1	5				6	30	2500	HVAC (HS)	
INTERIOR LIGHTS (24)		840	20	1	7				8		2500	HVAC (HS)	
FA (DEDICATED)	40		-	-	9				10				
					11				12				
WATTS/PHASE	A = 7,520		1600		1740				5000		3060		B = 7,600
TOTAL	18,550		WATTS		65		AMPS		120/240		VOLTS		SINGLE ϕ
NCL =	13380		W										THREE WIRE

GENERAL GROUNDING NOTES

- EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4" RD. X 8' COPPER/CLAD 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)
- PROVIDE EQUIPMENT ANCHORAGE PER TITLE 24, TABLE 16 J, PART B.
- 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.
- GROUNDING TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR. ALL GROUNDING SHALL BE IN ACCORDANCE WITH C.E.C. ARTICLE 250.

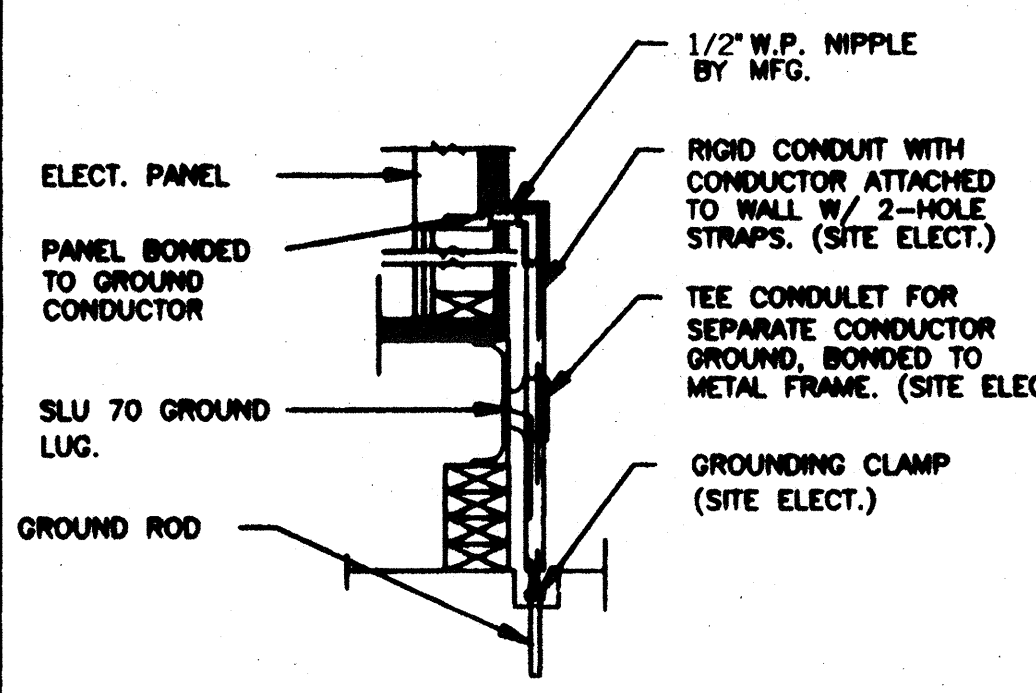
ELECTRICAL LEGEND

- 2'x4' 4 TUBE FLUORESCENT LIGHT FIXTURE
- EXTERIOR LIGHT FIXTURE AT +95" AFF
- DUPLEX WALL RECEPTACLE 15-A 125-V 3-WIRE AT +18" AFF U.N.O.
- HVAC UNIT (HV)
- 4s 'J' BOX FOR INT. FA PULL BOX. +48" AFF 3/4" CO TO PULLSTRING.
- 4s 'J' BOX FOR EXT. HORN/BELL. +96" AFF 3/4" CO TO PULLSTRING.
- (6'x6") WEATHER PROOF GUTTER BOX + 18" AFF 3/4" CO TO PULLSTRING.
- ELECTRICAL PANEL. + 60" AFF (G). 1 1/2" POWER NIPPLE FCC. GROUND JUMPER BY SITE ELEC.
- SWITCH +48" A.F.F.
- CLOCK. +96" AFF
- 4s 'J' BOX FOR INT. FA STROBE AT +80" AFF. 3/4" CO TO PULLSTRING.



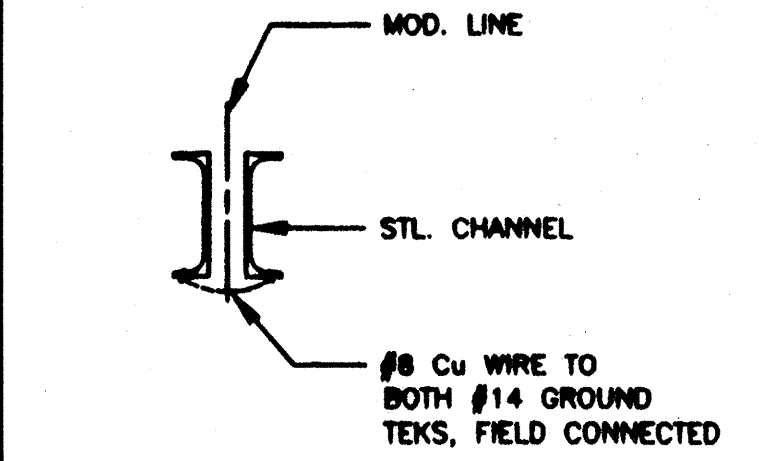
ELECTRICAL PLAN (24' X 40')

1/4" = 1'-0"



TYP GROUNDING DETAIL

1



GROUND JUMPER • MOD LINE

2

NOTES

- SCHOOL EQUIPMENT ANCHORAGE
THE FOLLOWING IS FOR THE ARCHITECTS INFORMATION ONLY:
THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO C.C.R. TITLE 24, SECTION 16304.2 AND TABLE 16304.2 ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIP. WEIGHING LESS THAN 400 LBS. & MOUNTING EQUIPMENT WEIGHING LESS THAN 20 LBS. MAY BE OMITTED FROM THE PLANS.
FOR ELECTRICAL DRAWINGS:
ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:
EQUIPMENT ON GRADE: 20% OF OPERATING WEIGHT
EQUIPMENT ON STRUCTURE: 30% OF OPERATING WEIGHT
FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 X THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 X THE HORIZONTAL FORCE.
THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE, Z = 0.4.
WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.

REVISIONS

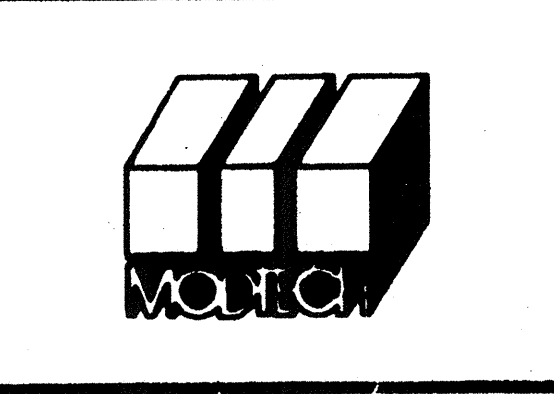
Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

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PC 266
DATE JAN 23 1999



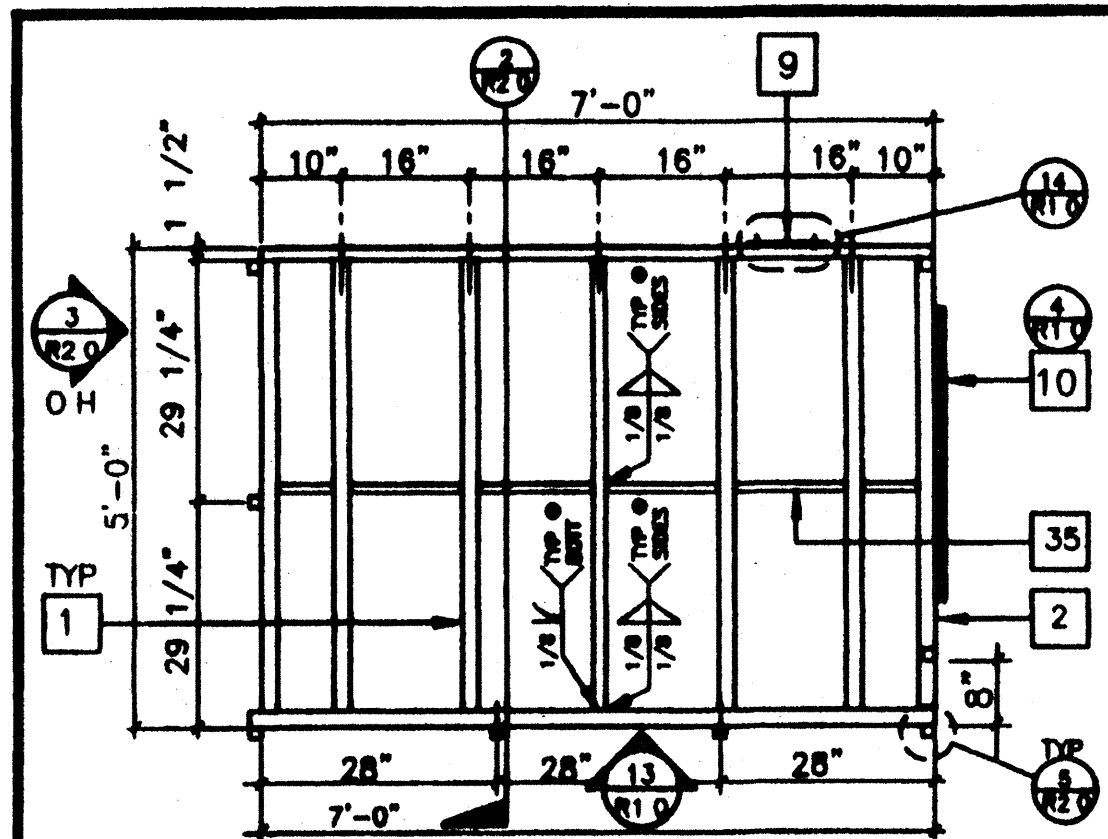
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PROJECT NUMBER: 2986 © MODTECH, INC. 1997

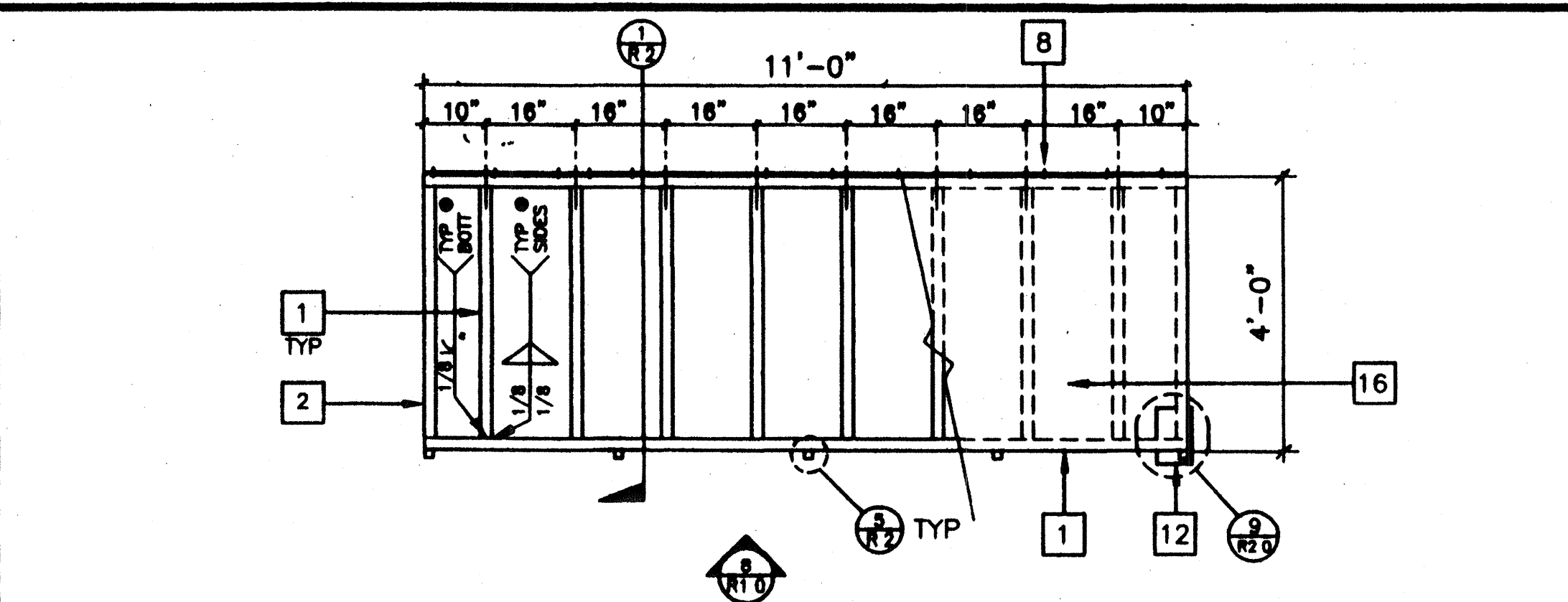
drawn by: FWH 4012-088
date: 11/98
checked by: 05 JAN 99
date:
project no:
STKP-42-1/24/98
E1.0

ELECTRICAL PLAN

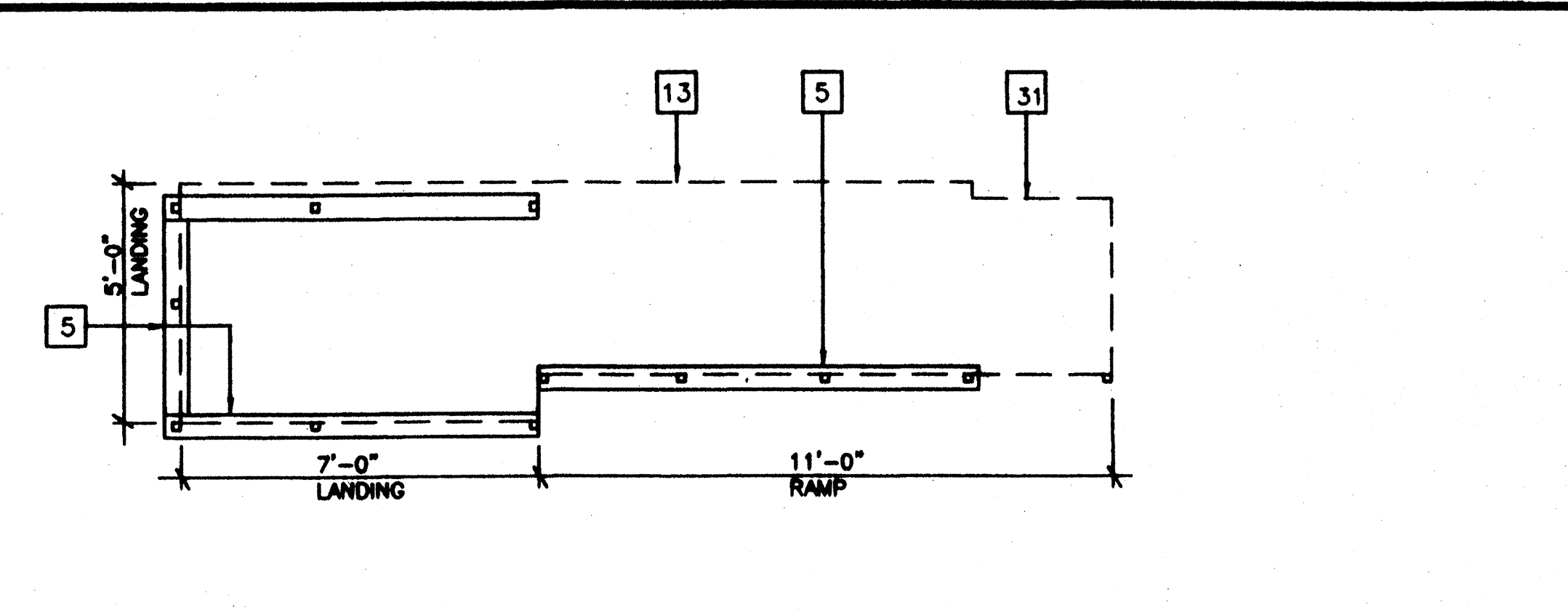
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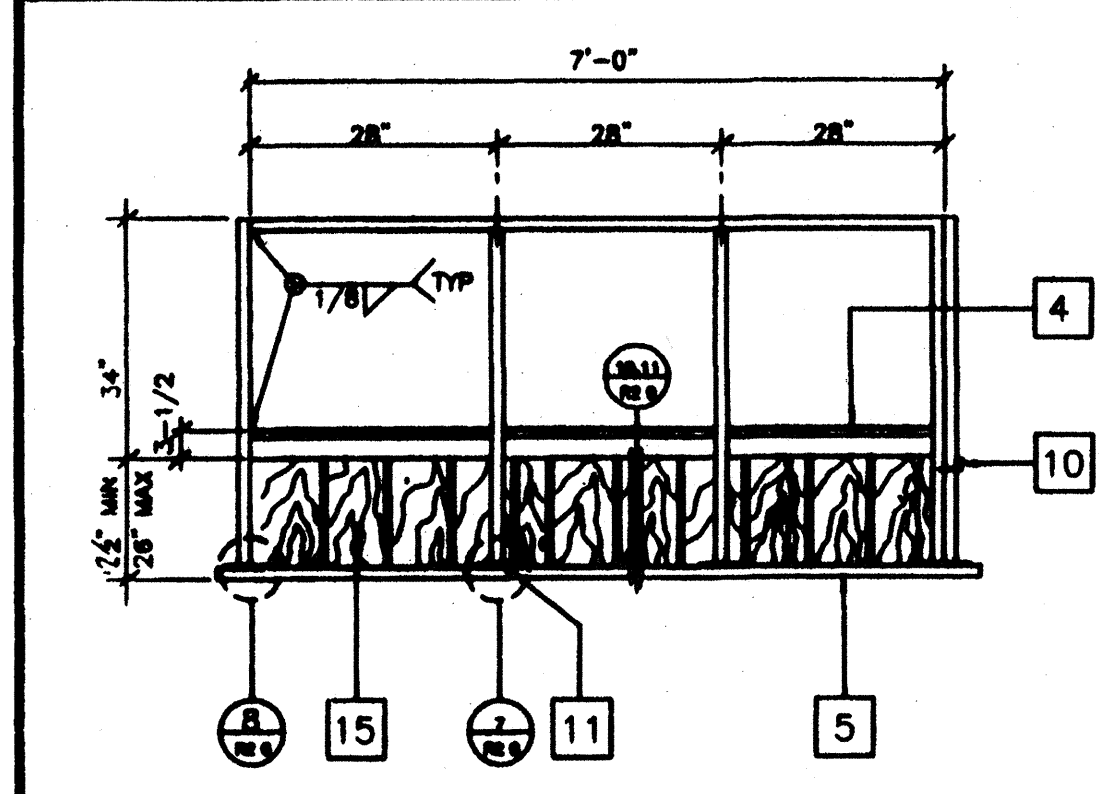
LANDING FRAME 12



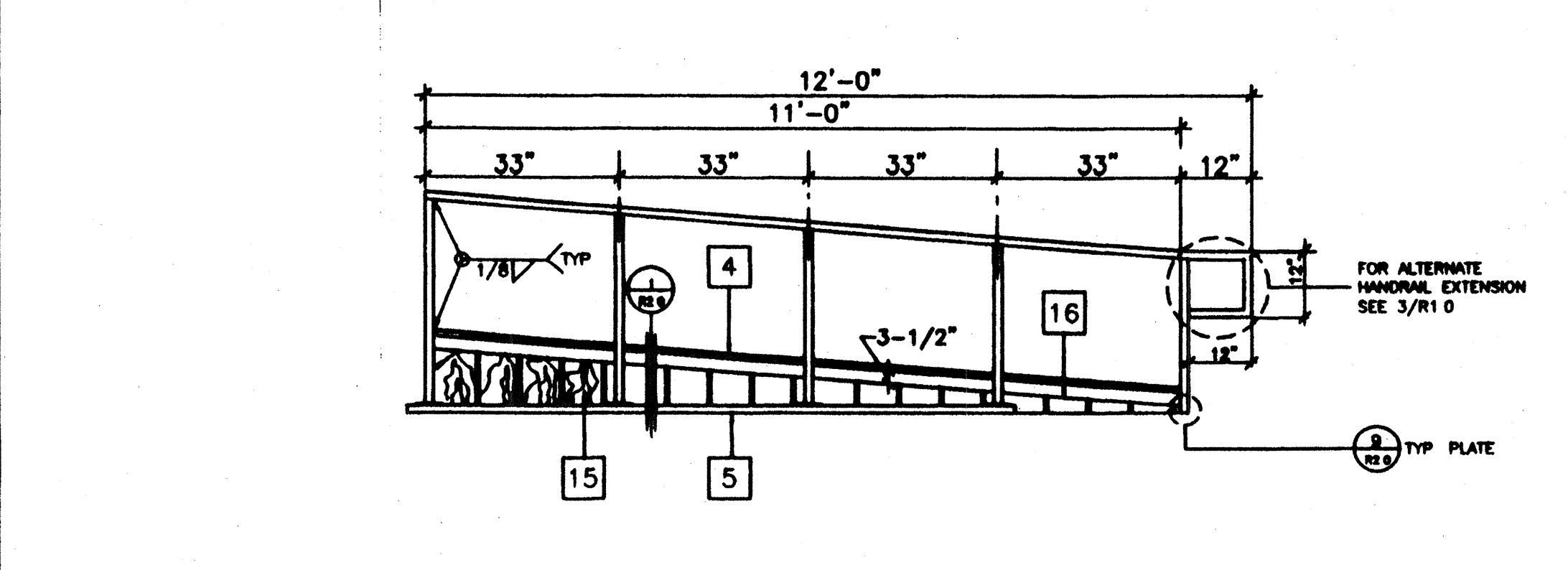
RAMP FRAME 7



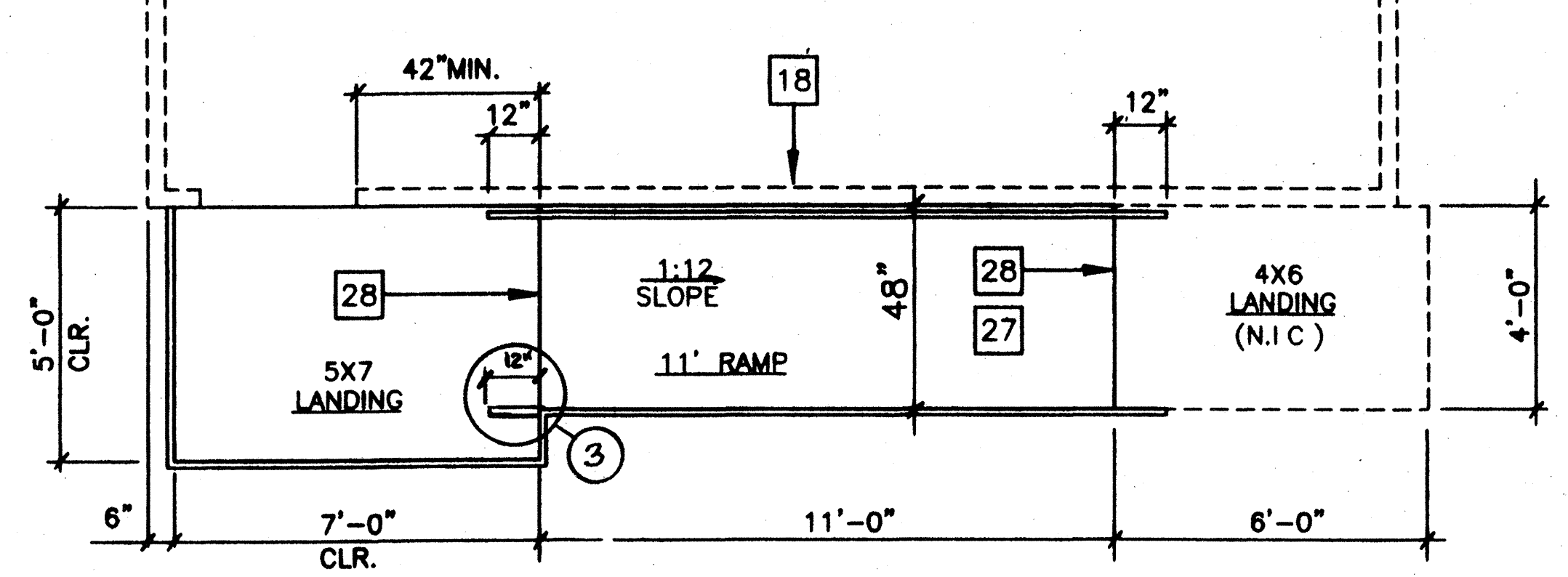
SILL PLAN FOR RAMP AND LANDING 3/8" 1



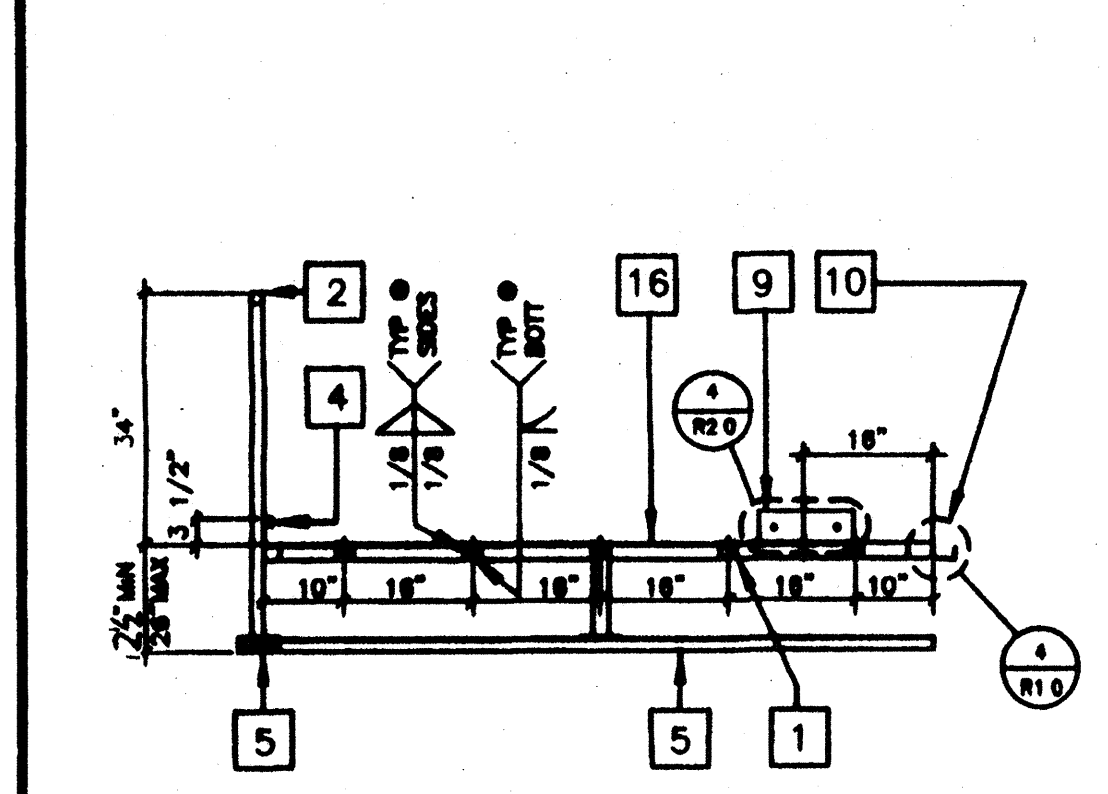
LANDING ELEVATION 13



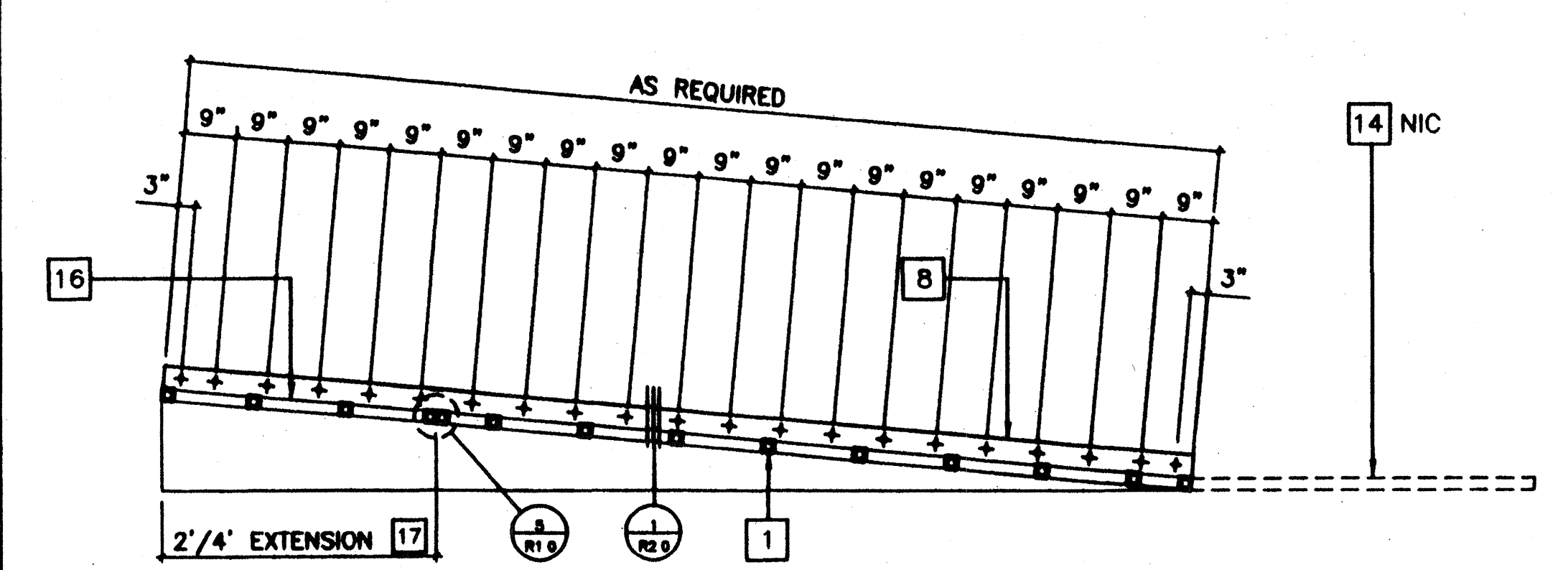
RAMP ELEVATION 8



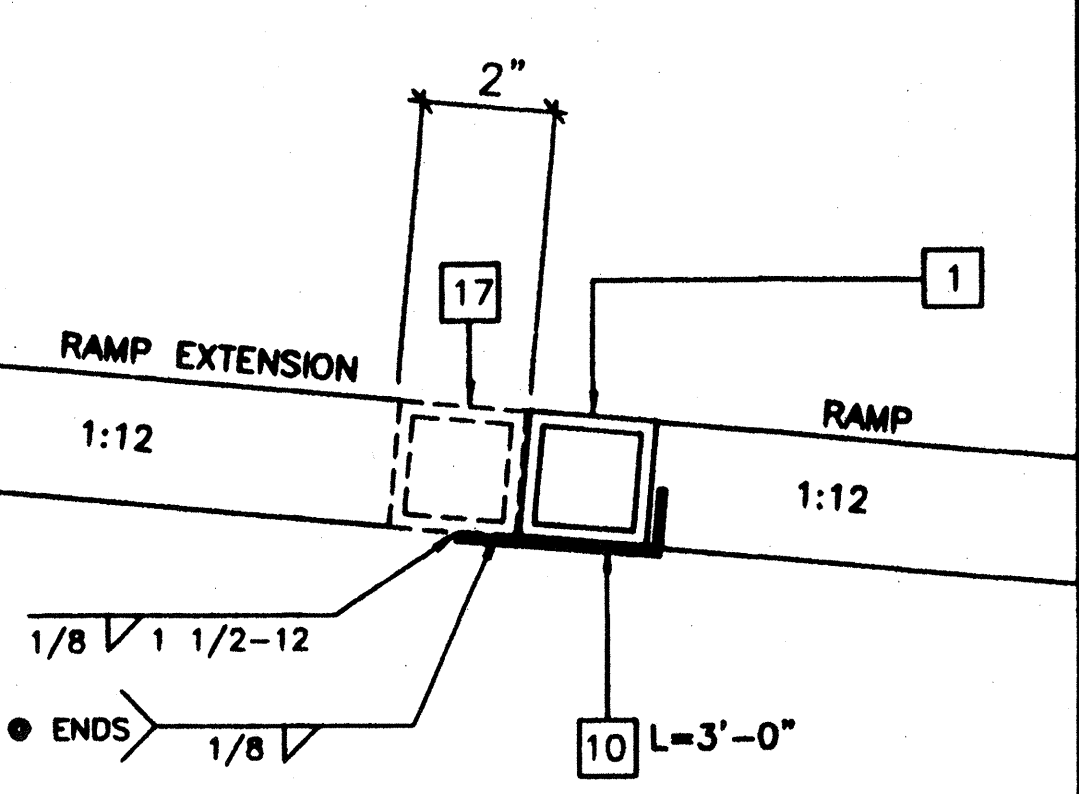
RAMP AND LANDING AT BUILDING 3/8" 2



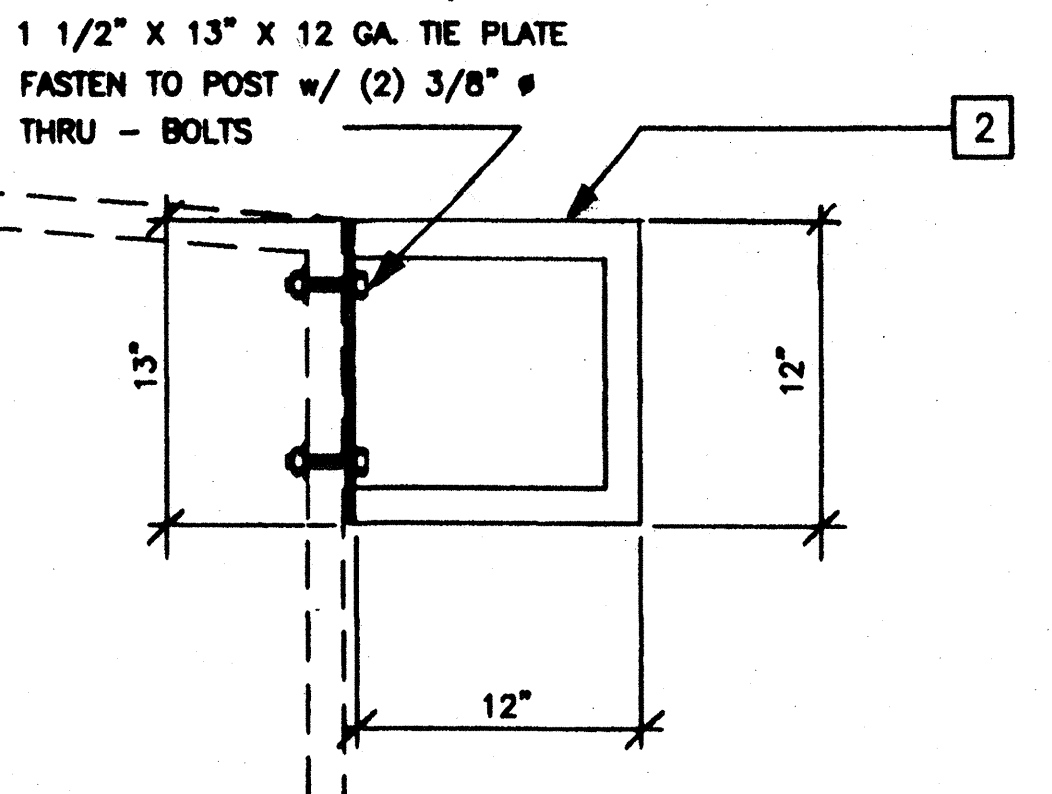
LONG. SECTION • LANDING 14



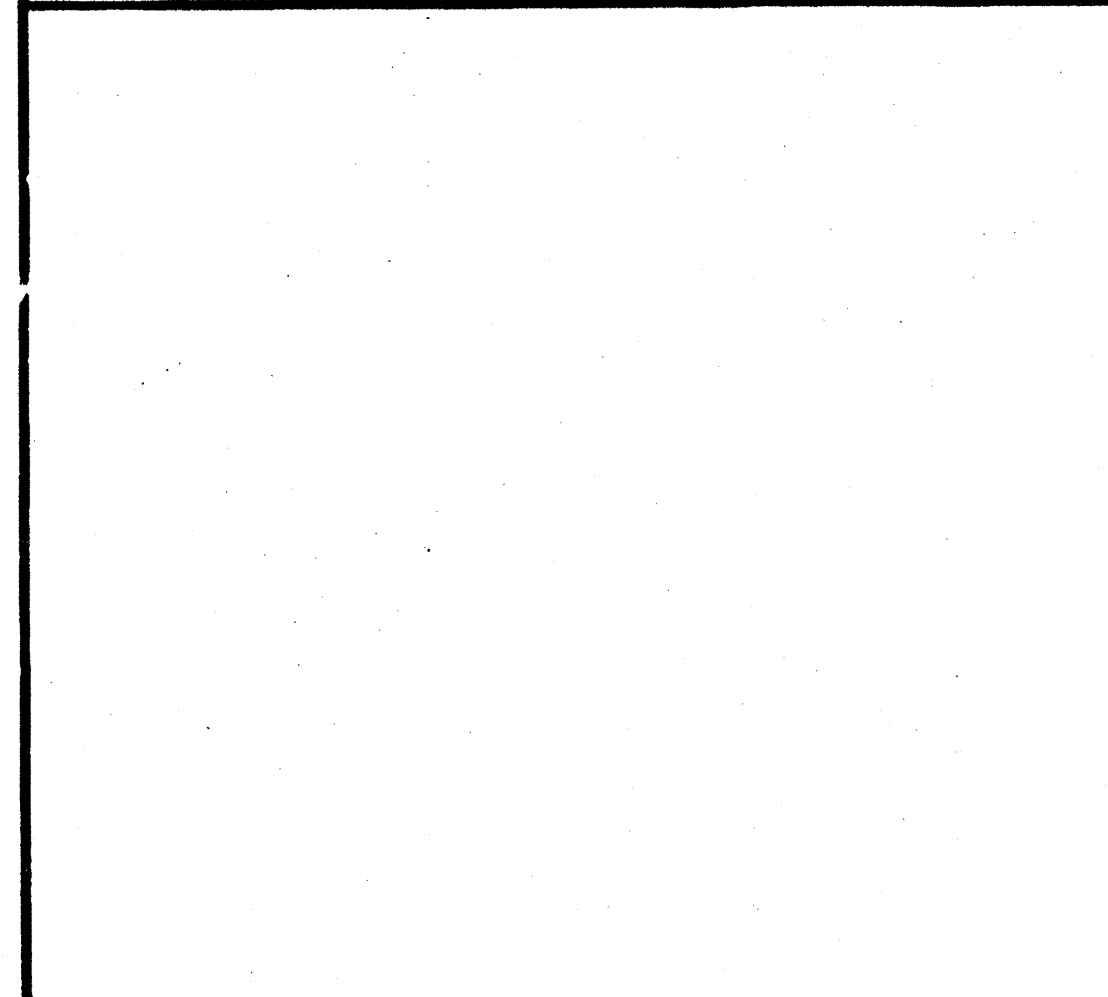
LONGITUDINAL SECTION • RAMP 9



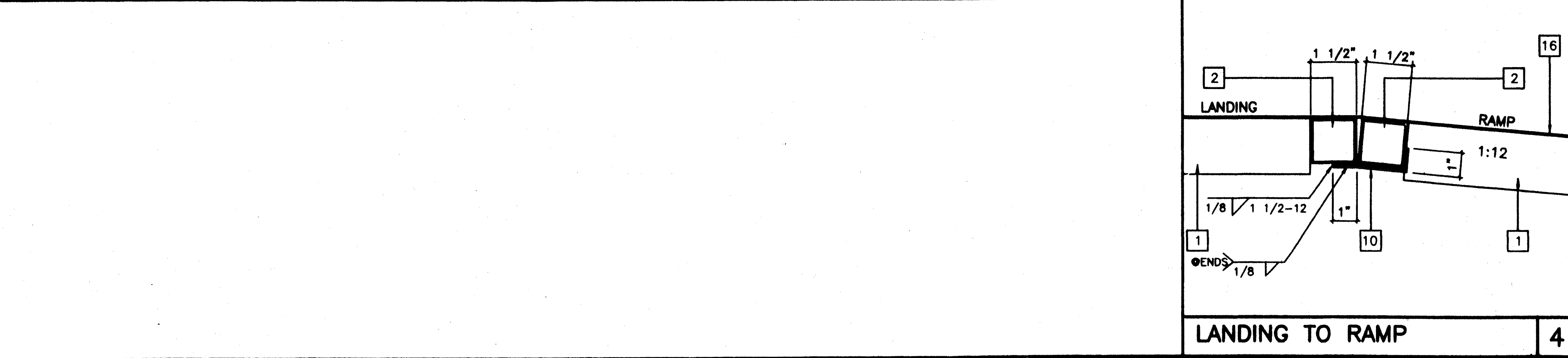
RAMP EXTENSION TO RAMP 5



GUARD RAIL EXTENSION 3



LANDING TO RAMP 4



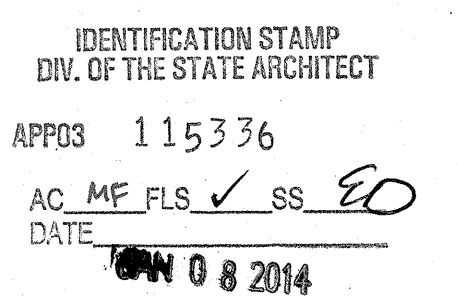
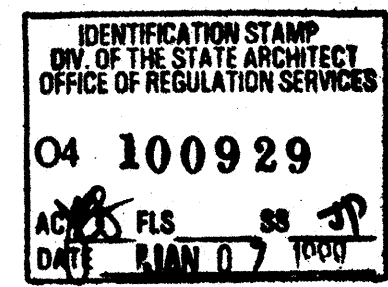
RAMP / LANDING 4

KEY NOTES

- 1 TS 2" x 2" x 14ga
- 2 TS 1 1/2" x 1 1/2" x 14ga (Fy = 39KSI)
- 4 TS 1" x 1" x 16ga WHEELCHAIR GUIDE
- 5 2 x 6 FT SILL PLATE
- 8 6" x 10ga CONT. PLATE W/ 1/4" x 2" TEK SCREWS @ 9" OC INTO WOOD OR FOUND. BLOCKS OR #14 x 2" TEK SCREWS INTO STEEL @ 9" OC
- 9 6" x 12" x 10ga PLATE W/ 2-1/4" x 3" LAGS TO STRUCTURAL FRAME OF BUILDING
- 10 3" x 1" x 3'-0" x 10ga BENT PLATE
- 11 2" x 4" x 12ga BASE PLATE W/ 2-1/4" x 1" LAGS
- 12 6" x 10" x 12ga BASE PLATE @ RAMP TOE
- 13 LINE OF RAMP/LANDING ABOVE
- 14 LOWER LANDING BY DISTRICT
- 15 SKIRTING: PLYWOOD TO MATCH BUILDING SKING. BLOCK ALL EDGES. ATTACH W/ 8d @ 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO T.S. USE #14 x 2" TEK SCREWS @ 6" OC
- 16 12ga METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 0.6. MAINTAINABLE FOR 1 YR. RAMP EXTENSION FRAME.
- 17 EXISTING BUILDING.
- 18 RAMP BY MOTECH
- 27 FLUSH TRANSITION
- 28 NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2" x 4'-0" LONG.
- 31 TS 1" x 1" x 10ga
- 35

NOTES

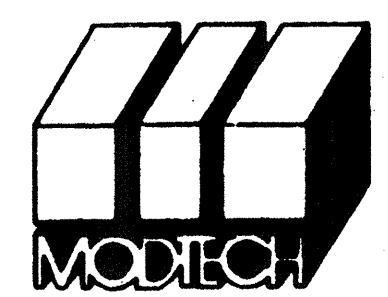
- 1 RAMPS: RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12"
- 2 HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HT.
- 3 SURFACE: LANDING & RAMP TO HAVE NON SLIP SURFACE ANCOR GRIP II AS MANUFACTURED BY AMERICAN CHEMICAL COMPANY (OR EQUAL)
- 4 GROUNDING: PROVIDE GROUNDING OF RAMP TO BLDG FRAME W/ #6 CU TO BOTH GROUND LUGS.
- 5 ARCHITECT SITE / RAMP / LANDING PLANNING: DUE TO VARYING SITE CONDITIONS THE MAXIMUM HEIGHT OF FINISH FLOOR FROM GRADE IS 28" THEREFORE IT IS POSSIBLE THAT THE ACCESS RAMP ATTACHED TO THE BUILDING COULD BE 28'-0" AT A SLOPE OF 1:12 ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY MOTECH INC. IS 11'-0" 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 MOTECH INC. RESPONSIBLE FOR ANY RAMP EXTENSION EXCEEDING THE ORIGINAL PLAN AS SHOWN ON SHEET R-1.
- 6 ALL 1 1/4" AND 1 1/2" TUBE STEEL TO BE OF ASTM A500 GRADE A STEEL (Fy = 39 KSI)



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

Professional seals for Electrical, Mechanical, Structural, and Architectural engineers, including the State of California seal.

Identification stamp: DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES, No. PC 266, dated JAN 21 1999, REVISED.



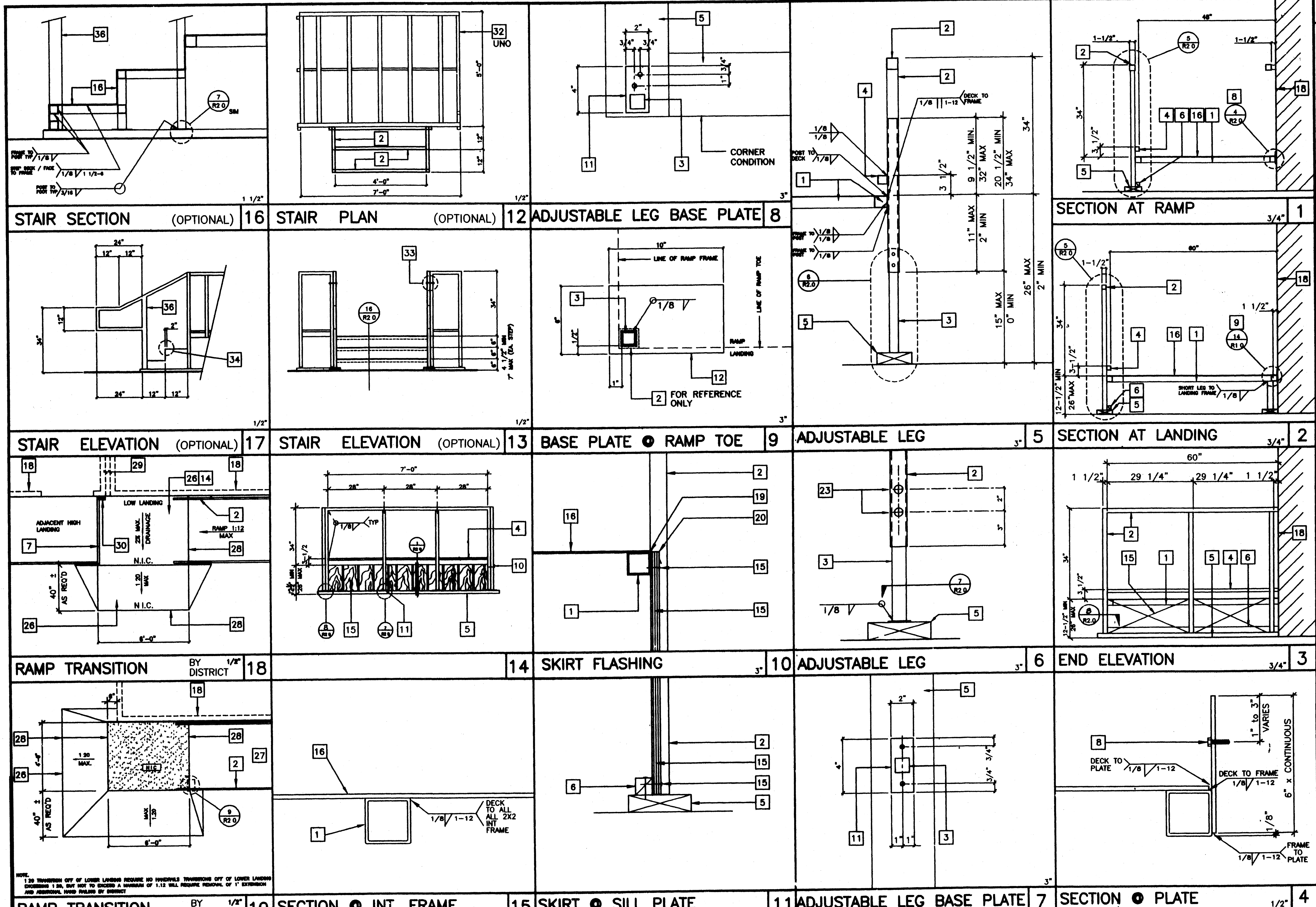
MOTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
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FAX (909) 940-0427

Job Number: PC 266 29 86 © MOTECH, INC. 1997

RAMP / LANDING

STKP-42
drawn by FWH
date 11/96
checked by 4012-088
date 05 JAN 99
Motech Project No. 2986
Motech Index No. R1.0

2506, 2377, 3022, 3183



KEY NOTES

- 1 TS 2" x 2" x 14ga
- 2 TS 1 1/2" x 1 1/2" x 14ga (Fy = 36 KSI)
- 3 TS 1 1/4" x 1 1/4" x 14ga (Fy = 36 KSI)
- 4 TS 1" x 1" x 16ga WHEELCHAIR GUIDE
- 5 2 x 6 FT SILL PLATE
- 6 2 x 2 NAILER W/16d @ 12" OC
- 7 2 x RW HEADER BY DISTRICT.
- 8 6" x 10ga CONTINUOUS PLATE W/ #14 x 2" TEK SCREWS @ 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14 x 2" TEK SCREWS INTO METAL @ 9" OC
- 11 2" x 4" x 12ga BASE PLATE W/ 2-1/4" x 1" LAGS
- 12 6" x 10" x 12ga BASE PLATE @ RAMP TOE.
- 14 LOWER LANDING BY DISTRICT
- 15 SKIRTING: PLYWOOD TO MATCH BUILDING SIDING BLOCK ALL EDGES. ATTACH W/ 6d @ 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO T.S. USE #14 x 2" TEK SCREWS @ 8" OC
- 16 12ga METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 0.6. MAINTAINABLE FOR 1 YR. EXISTING BUILDING.
- 18 CAULKING
- 19 28 ga FLASHING
- 20 3/8" dia x 2" LONG MB W/NUT & WASHERS
- 23 PAVE BY DISTRICT.
- 26 RAMP BY MODTECH
- 27 FLUSH TRANSITION
- 28 3" MINIMUM BUILDING GENERATION
- 29 PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION. BY DISTRICT
- 30 FOR LANDING DETAILS AND RAMP ATTACHMENT SEE 12/R1.0
- 32 FASTEN POSTS W/ 3/8" ø THRU BOLT. TYPICAL
- 33 2" WARNING STRIPES MAX 1" FROM EVERY STAIR NOSING. USE CONTRASTING COLOR.
- 34 TS 2 1/2" x 1 1/2" x 8ga ASTM A500 GRADE A

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REVISIONS

NO.	DESCRIPTION
1	
2	
3	

BY DISTRICT 1/2"
Electrical Engineer's Seal
Mechanical Engineer's Seal
Structural Engineer's Seal
Architect's Seal

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MODTECH INC.
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Job Number: PC 266 29 86 © MODTECH, INC. 1997
drawn by: FWH
date: 11/98
checked by: 4012-088
date: 05 JAN 99
Project No.:
MODTECH Index No.:
RAMP/STAIR DETAILS R2.0

REVISIONS	BY

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

CLASS LEASING, INC.
STOCKPILE CLASSROOM
24x40 - 50 PSF RELOCATION
FOUNDATION PLAN & DETAILS
PC 04-11441

DATE	10/18/2010
SCALE	
DRAWN	LAM-CLLS
JOB	24x40 50 PSF
SHEET	F2.0

KEY NOTES 24x40- 50 PSF FLOOR LOAD

- FOUNDATION AT SIDE WALL**
- TOP PLATE: 2x6 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: 2x12 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.
- FOUNDATION AT END WALL**
- 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.
 - SILL RESTRAINT- PIPE TO GRADE (TYP) SEE GENERAL NOTE #A
 - 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
 - SIDEWALL VENT: 3" HIGH BY 6'-6" LONG. INSTALL UNDER SKIRTING. SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 8" O.C.
 - ENDWALL VENT: 3" HIGH BY 2'-0" LONG. INSTALL UNDER SKIRTING. SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C.
 - SHIM: 5/8" X 2 1/2" WHEN REQUIRED
- FOUNDATION AT MOD LINE / END WALL**
- TOP PLATE: 2x6 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**
- TOP PLATE: 2x6 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)
 - FLOOR BEAM: C7x 9.8 TYPICAL
 - FLOOR HEADER: C7x 9.8 TYPICAL
 - FINISH GRADE
 - FLOOR JOIST
 - EXTERIOR FINISH
 - PLYWOOD SUB-FLOOR
 - TOP PLATE: CONTINUOUS
 - BLOCKING
 - SILL PLATE
 - MODLINE
 - TIE PLATE: 12" x 6" x 10 GA
 - PLATE ANCHOR: 4-1/4" ϕ S.M.S. (1 1/2" MIN. EMBEDMENT)
 - PLATE ANCHOR: 4-1/4" x 2" LONG LAG SCREWS (1 1/2" MIN. EMBEDMENT)
 - TIE PLATE: 12" x 4" x 10 GA
 - BUILDING ANCHORAGE: 6-5/8" x 4" LAG SCREWS AT EACH BUILDING (FOR LOCATION SEE PLAN AT ADJACENT BUILDINGS)
 - 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) 10d BOX.
 - 2" CUT OUT OF SILL PLATE FOR DRAINAGE. FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION.
 - 1" PIPE EACH END OF PAD AT ADJACENT BUILDING LINE.
 - THIS VENT TO BE LOCATED UNDER LANDING. PROVIDE EQUAL AREA SCREENED VENTILATION IN LANDING SKIRT.
- FOUNDATION AT BUILDING SEPARATION / END WALL**
- 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**
- 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**
- 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 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.
 - TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS.
 - 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 (SKIRT) WHICH NEED NOT BE TREATED. FOUNDATION LUMBER TO BE PRECUT AT FACTORY. LUMBER AND PRESSURE TREATING TO BE VERIFIED BY THE INSPECTOR.
 - FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE.
 - THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN DIMENSIONS, THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE DIMENSIONS.
 - 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.
 - THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.
- PRE-CHECK (PC) DOCUMENT
CODE: 2007 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED.
- DATE SIGNED: FEB 09 2011
- IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC4-11441
AC: FLS SS
DATE: FEB 10 2011
LICENSE EXPIRES 6-30-2012

