

IDENTIFICATION STAMP
 DIVISION OF STATE ARCHITECTS
 OFFICE OF REGULATION SERVICES

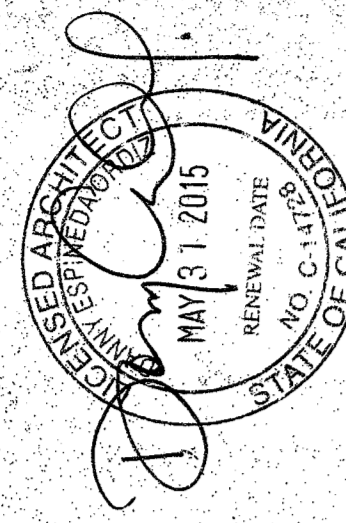
FILE #: 03-106759
DATE: JUL 2 9 2005
AC: [Signature]
DIS: [Signature]

PTN: 63321-50
SITE IMPROVEMENTS
PORTABLE CLASSROOMS
AT
CHIPMAN JUNIOR HIGH SCHOOL
BAKERSFIELD
CITY SCHOOL DISTRICT
EISSLER STREET
BAKERSFIELD
CALIFORNIA
93306

MARK	DATE	DESCRIPTION
SD		
CD		
▲	01-15-15	CCD 801

JOB NUMBER: 2004771
CAD DRAWING FILE: A-111.AEC
DRAWN BY: [Signature]
CHECKED BY: [Signature]
DATE: 07/02/05

SITE IMPROVEMENTS AND PORTABLE CLASSROOMS AT CHIPMAN JR HIGH FOR BAKERSFIELD CITY SCHOOL DISTRICT BAKERSFIELD, CALIFORNIA

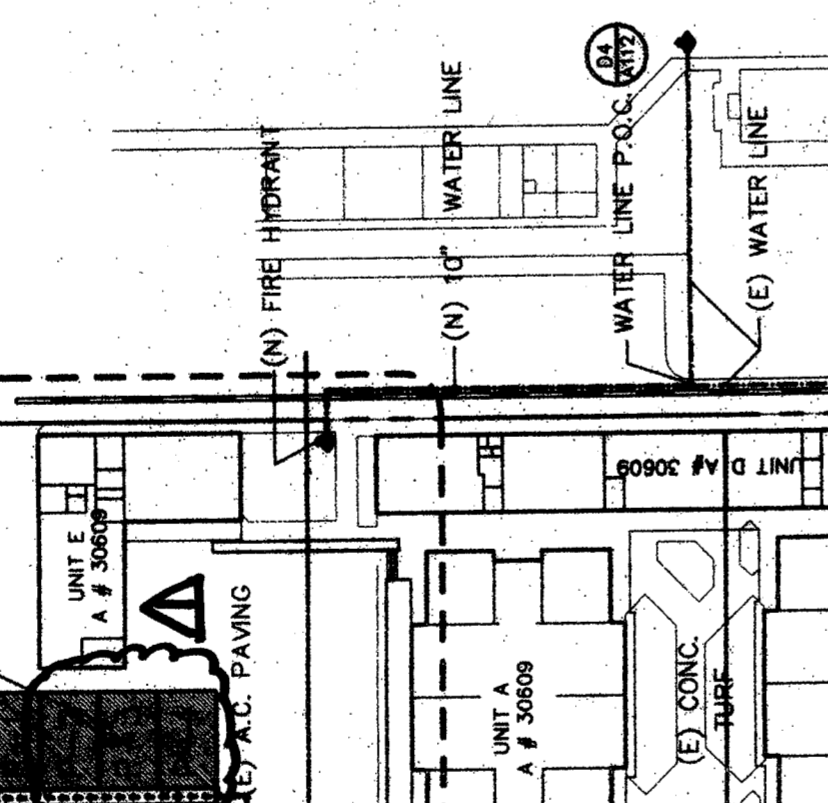


PROJECT DATA

GENERAL NOTES

- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY DISCREPANCY BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL CONTACT THE ARCHITECT IMMEDIATELY TO RESOLVE THE DISCREPANCY.
- NOTHING IN THE DRAWINGS AND/OR THE SPECIFICATIONS SHALL BE CONSTRUED TO PERMIT AN INSTALLATION THAT COULD BE IN VIOLATION OF THE APPLICABLE CODES, ORDINANCES, REGULATIONS, ETC.
- THE DRAWINGS, IDEAS, DESIGNS, AND ARRANGEMENTS REPRESENTED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND NO PART THEREOF SHALL BE COPIED OR DISCLOSED TO OTHERS WITHOUT THE SPECIFIC WRITTEN PERMISSION OF THE ARCHITECT. ANY UNAUTHORIZED USE OF THESE DRAWINGS SHALL BE AT THE USER'S SOLE RISK.
- WRITTEN CONSENT OF THE ARCHITECT IS REQUIRED FOR ANY CHANGES TO BE MADE TO THESE DRAWINGS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY.
- MISPLACEMENT, ADDITION, OR OMISSION OF ANY WORD, LETTER, FIGURE, INTENT, SPIRIT, OR MEANING OF THE DRAWINGS.
- THESE PLANS WERE BASED ON PLANS BY OTHERS FURNISHED BY THE OWNER. INDICATING WORK OF PREVIOUS CONTRACTORS. THESE PLANS WILL BE MADE AVAILABLE FOR THE CONTRACTOR'S REVIEW UPON REQUEST. THE OWNER AND THE ARCHITECT SHALL ASSUME NO RESPONSIBILITY FOR THE EXISTING CONDITIONS AND DISCREPANCIES INDICATED ON THESE PLANS. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING MEASUREMENTS AND CONDITIONS NECESSARY TO PROVIDE COMPLETE WORK AS INDICATED BY THE INTENT OF THESE PLANS PRIOR TO PROCEEDING WITH WORK OF THIS CONTRACT.
- CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY THE ARCHITECT AS REQUIRED BY SECTION 4-338 PART 1, TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS (CCR).
- RELOCATABLE SHALL REST ON (E) A.C. PAVING. THREE-FURROW GRADERS OR COMPACTORS SHALL BE USED TO PREPARE COMPACTED GRANITE AND FINE GRADE TO INDICATED ELEVATIONS. DECOMPOSED GRANITE SHALL PASS A GRANULOMETER NO. 20 AND SHALL BE PLACED UNDER THE BUILDING AND A MINIMUM OF 2" ABOVE THE BUILDING FOOTPRINT AND A MINIMUM OF 2" ABOVE THE SURROUNDING NATURAL GRADES.
- A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE INSPECTION SERVICES FOR THE WORK SHOWN ON THESE PLANS. THE INSPECTOR SHALL BE RESPONSIBLE FOR ANY FEES THAT ARE INCURRED DUE TO THIS SUBSTITUTION.
- MINIMUM BEARING CAPACITY OF THE SOIL IS 1000 PSF FOR ALL SITES IN THIS PROJECT.
- DISTRICT SHALL BE RESPONSIBLE TO RELOCATE SPRINKLER LINES PRIOR TO START OF EARTHWORK.
- CONCRETE STRENGTH - 3000 PSI/CEMENT - ASTM C150 TYPE II TO THE INSTALLATION OF THE UNIT/S. SERIAL NUMBER
- A) IN-PLANT VERIFIED REPORT.
B) LABORATORY VERIFIED REPORT.
C) WELDING VERIFIED REPORT.
- THE SITE INSPECTOR SHALL VERIFY THE ABOVE DOCUMENTS ARE APPLICABLE TO EACH UNIT PRIOR TO INSTALLATION OF THE UNITS.
- RELOCATABLES ARE TO BE APPROVED FOR CLIMATE ZONE 13.
- NEITHER LEROY GREEN LEASE PURCHASE, NOR STATE SCHOOL FACILITY FUNDS WILL BE USED ON THIS PROJECT. THEREFORE, THE REQUIREMENTS OF STATE ASSEMBLY BILL 575 DO NOT APPLY TO THIS PROJECT.

VICINITY MAP



ABBREVIATIONS

(100.0) = EXISTING GRADE ELEVATION. C.M. = COLD WATER IN FEET.
 100.0 = NEW GRADE ELEVATION
 TW = TOP OF CONCRETE / WALK
 FG = FINISHED GRADE
 FF = FINISHED FLOOR
 FP = FINISHED FLOOR
 ACP = ASPHALTIC CONCRETE PAVING
 PL = PLACES
 (E) = EXISTING

APPLICABLE CODES

2001 BUILDING STANDARDS ADMINISTRATIVE CODE PART 1, TITLE 24 C.C.R.
 2001 CALIFORNIA ELECTRICAL CODE PART 2, TITLE 24 C.C.R. (1997 U.F.C. AND 1998 CALIFORNIA AMENDMENTS)
 2001 CALIFORNIA MECHANICAL CODE PART 4, TITLE 24 C.C.R. (1987 U.F.C. AND 1998 CALIFORNIA AMENDMENTS)
 2001 CALIFORNIA FIRE ALARM CODE PART 5, TITLE 24 C.C.R. (1987 U.F.C. AND 1998 CALIFORNIA AMENDMENTS)
 2001 CALIFORNIA FLOORING CODE PART 6, TITLE 24 C.C.R. (1987 U.F.C. AND 1998 CALIFORNIA AMENDMENTS)
 1989 TITLE 19, C.C.R. PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
 NFPA 13 AUTOMATIC SPRINKLER SYSTEM 1999 EDITION
 NFPA 14 STANDPIPE SYSTEM 1999 EDITION
 NFPA 72 NATIONAL FIRE ALARM CODE (CALIFORNIA AMEND) 1999 EDITION
 NFPA 285-CRITICAL FLOOR FLOOR OF FLOOR CONCRETE SYSTEMS 1994 EDITION
 NFPA 200 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS 1994 EDITION
 REFERENCED SECTION FOR NFPA STANDARDS - 2001 (2003) 350A1, 1994 EDITION

ARCHITECT'S STATEMENT

STATEMENT FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS (INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS) PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS A/E/C CONSULTANTS
 THESE DRAWINGS AND/OR SPECIFICATIONS AND/OR CALCULATIONS FOR THE ITEMS LISTED IN THESE DRAWINGS WERE PREPARED BY THE DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. THESE DOCUMENTS HAVE BEEN EXAMINED BY ME FOR DESIGN INTENT AND HAVE BEEN FOUND TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME.
 I HAVE LISTED BELOW THE DESIGN PROFESSIONALS WHO ARE DESIGNATED TO BE IN GENERAL RESPONSIBLE FOR THE DESIGN OF THE ITEMS LISTED IN THESE DRAWINGS AND/OR CALCULATIONS FOR THIS PORTION OF THE WORK (OR FOR WHICH I HAVE BEEN DELEGATED RESPONSIBILITY FOR THIS PORTION OF THE WORK).
 LIST OF ITEMS REVIEWED AND ACCEPTED:
 REFER TO SHEET INDEX FOR A LIST OF DRAWINGS PREPARED BY OTHERS.
 INCLUDING ALL DRAWINGS AND/OR CALCULATIONS PREPARED FOR BY:
AMERICAN MODULAR SYSTEMS, INC.
 IDENTIFIED BY THE FOLLOWING PC NUMBERS:
 CLASSROOM BUILDING - 24X40' PC # 02-104815

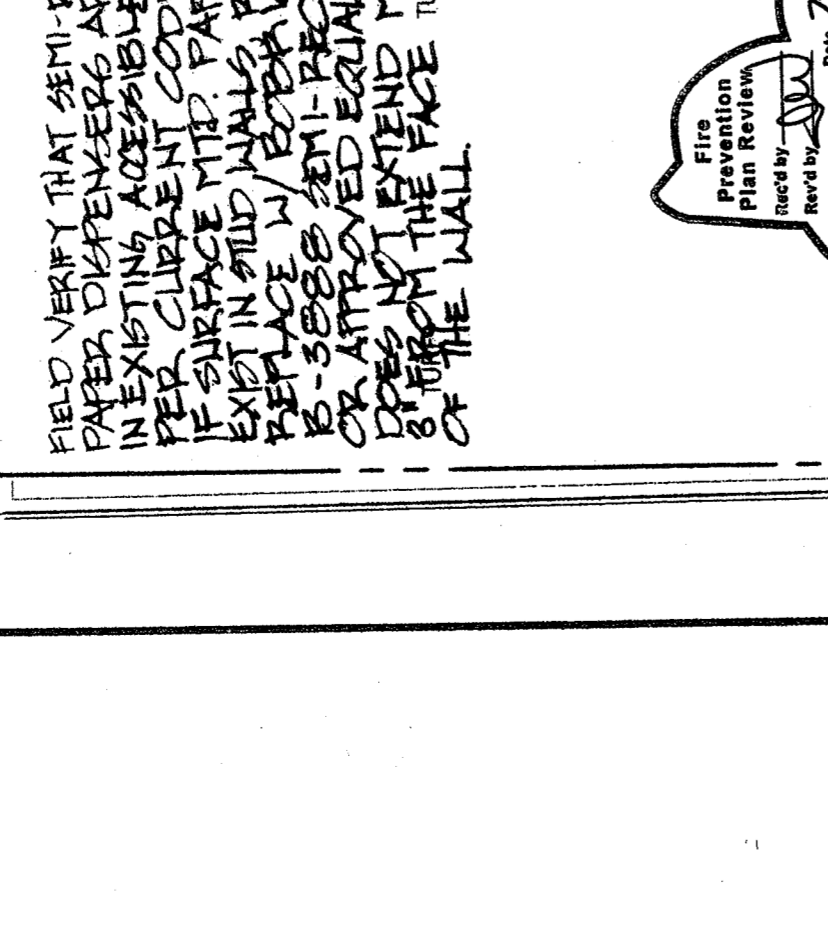
SHEET INDEX

MARK	DATE	DESCRIPTION
A-111		TITLE SHEET
A-112		ENLARGED SITE AND DETAIL SHEETS
A-113		ENLARGED ELECTRICAL
E1		PARTIAL SITE POWER DISTRIBUTION PLANS
E2		PARTIAL SITE SIGNAL AND SIGNAL PLANS
E3		SINGLE LINE ELECTRICAL DIAGRAM
E4		SINGLE LINE ELECTRICAL DIAGRAM, DETAIL CALCULATIONS
E5		MATERIAL SPECIFICATIONS

24' X 40' CLASSROOM

MARK	DATE	DESCRIPTION
N-1		GENERAL NOTES
N-2		EXTERIOR ELEVATIONS
N-3		INTERIOR ELEVATIONS & OPTIONAL PLANS
N-4		WOOD FOUNDATION PLAN AND DETAILS
N-5		FLOOR FRAMING PLAN AND DETAILS
N-6		BUILDING SECTION AND WALL DETAILS
N-7		ROOF SECTION & DETAILS
N-8		MECHANICAL PLAN, AND NOTES
N-9		ELECTRICAL PLAN, DETAILS AND NOTES
N-10		ELECTRICAL PLAN, DETAILS AND NOTES

LEGEND



VERIFY THAT ALL EXISTING GATES MEET THE FOLLOWING REQUIREMENTS. GATES IN THE PATH OF TRAVEL MUST COMPLY WITH EXIT DOOR REQUIREMENTS (SEE SECTION 1133B.2). SPECIFY LEVER HARDWARE AND KICK PLATE OR GATE STAYING THAT THIS GATE IS TO REMAIN LOCKED IN THE OPEN POSITION DURING BUSINESS SCHOOL HOURS OR DURING ANY PUBLIC FUNCTIONS. FIRE AND LIFE SAFETY REQUIREMENTS FOR EMERGENCY EXISTING EVEN WITH THE SIGN. ORIGINATE WITH FIRE AND LIFE SAFETY REQUIREMENTS.

PATH OF TRAVEL (P.O.T.) AS INDICATED IS A BARRIER FREE ACCESS IS AT LEAST 48" WIDE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL. MAXIMUM CROSS-SLOPE 2% TYPICAL. AND MAXIMUM SLOPE IN THE DIRECTION OF TRAVEL IS 5%, UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL VERIFY THAT ALL BARRIERS ON THE INDICATED PATH OF TRAVEL HAVE BEEN REMOVED.

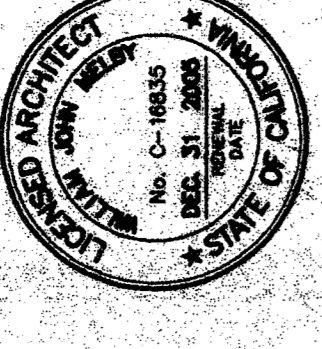
COMPLETE FIRE ALARM PLAN SUBMITTAL:
 THE FIRE ALARM SYSTEM SHOWN ON THESE PLANS HAS BEEN SUBMITTED AND APPROVED BY THE DIVISION OF STATE ARCHITECT. ANY SUBSTITUTION OF THE FIRE ALARM SYSTEM SHALL BE RESPONSIBLE FOR ANY FEES THAT ARE INCURRED DUE TO THIS SUBSTITUTION. APPROVAL FEES. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FEES THAT ARE INCURRED DUE TO THIS SUBSTITUTION.

BUILDING DATA

UNIT	AREA (S.F.)	PERMITS	MARK	DATE	DESCRIPTION
UNIT K	10,811 S.F.	NO			
UNIT A	10,893 S.F.	NO			
UNIT B	14,442 S.F.	NO			
UNIT C	6,106 S.F.	NO			
UNIT D	3,187 S.F.	NO			
UNIT E	2,488 S.F.	NO			
UNIT F	3,387 S.F.	NO			
UNIT G	2,488 S.F.	NO			
UNIT H	3,812 S.F.	NO			
UNIT I	4,320 S.F.	NO			
UNIT J	72,037 S.F.	NO			
TOTAL					

LOCAL FIRE AUTHORITY REVIEW
 CHIPMAN JR. HIGH
 ADDRESS: 2905 EISSLER ST.
 CITY/STATE/ZIP: BAKERSFIELD, CALIFORNIA 93306
 LOCAL FIRE AUTHORITY: BAKERSFIELD COUNTY FIRE DEPARTMENT
 APPROVAL ISSUED BY: [Signature]
 RANK/TITLE: Fire Planner
 DATE: 7/25/05
 PHONE NUMBER: (661) 862-5001

PURSUANT TO TITLE 19 CALIFORNIA ADMINISTRATION SUB CHAPTER 1, ARTICLES 3.05 ACCESS ROADS AND 3.16 GATE ENTRANCES TO SCHOOL GROUNDS IT IS NECESSARY TO PROVIDE THE STATE FIRE MARSHAL (SFM) WITH WRITTEN CERTIFICATION FROM THE FIRE AUTHORITY THAT THE ABOVE SECTIONS ARE BEING MET TO THEIR SATISFACTION.
 FIRE-FLOWS & HYDRANTS HAVE BEEN REVIEWED FOR COMPLIANCE WITH STATE APPENDICES 111-AA & 111-BB PART 9 TITLE 24.



DANNY E. ORDIZ, AIA
 ARCHITECT C-14728
WILLIAM J. MELBY, AIA
 ARCHITECT C-18435

REGISTRATION STAMP
 DIVISION OF STATE ARCHITECTS
 OFFICE OF REGULATION SERVICES
 JUL 2 2005
 AC 5/15/05
 PLAN 1, 2, 3, 4, 5, 6

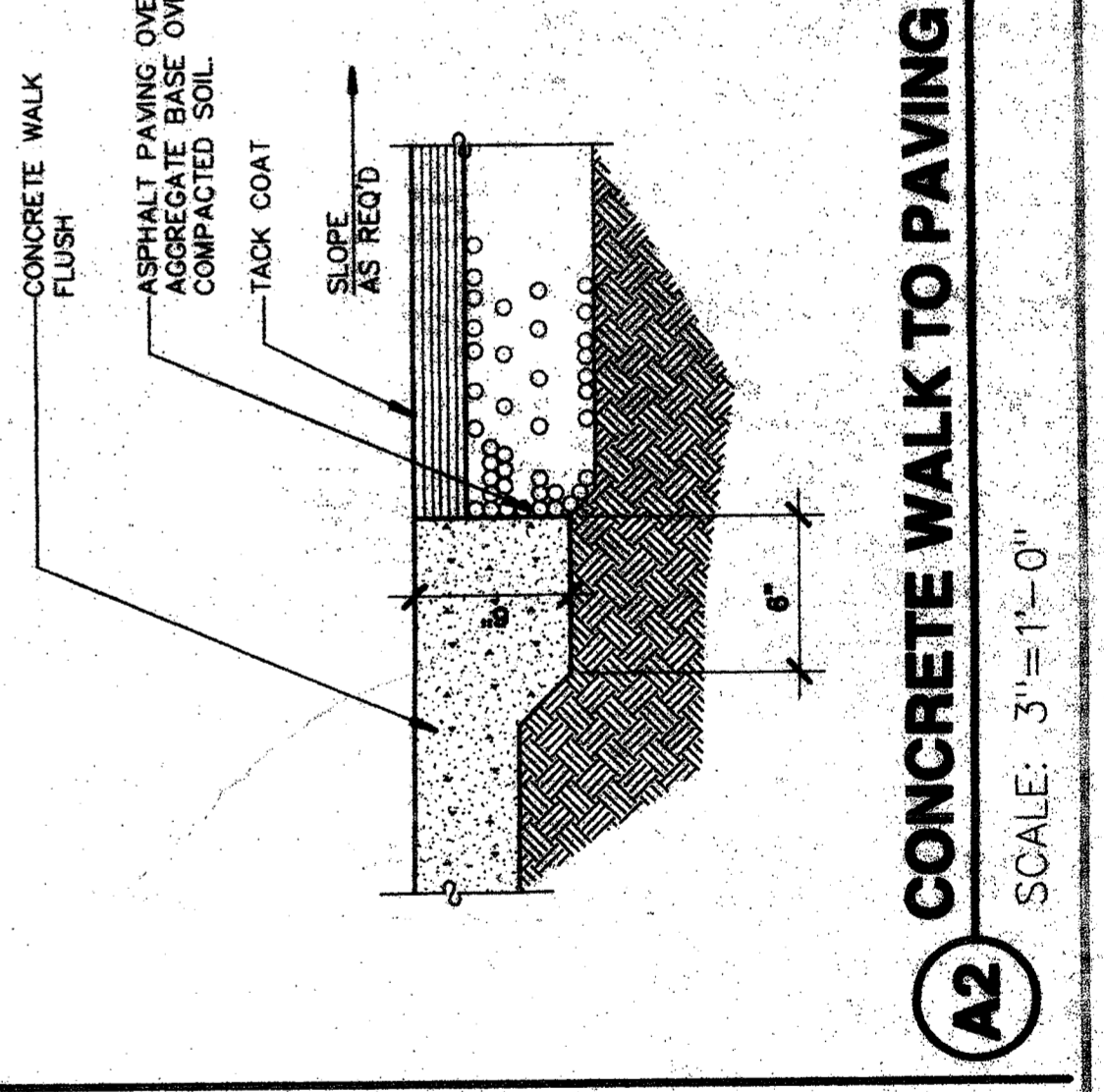
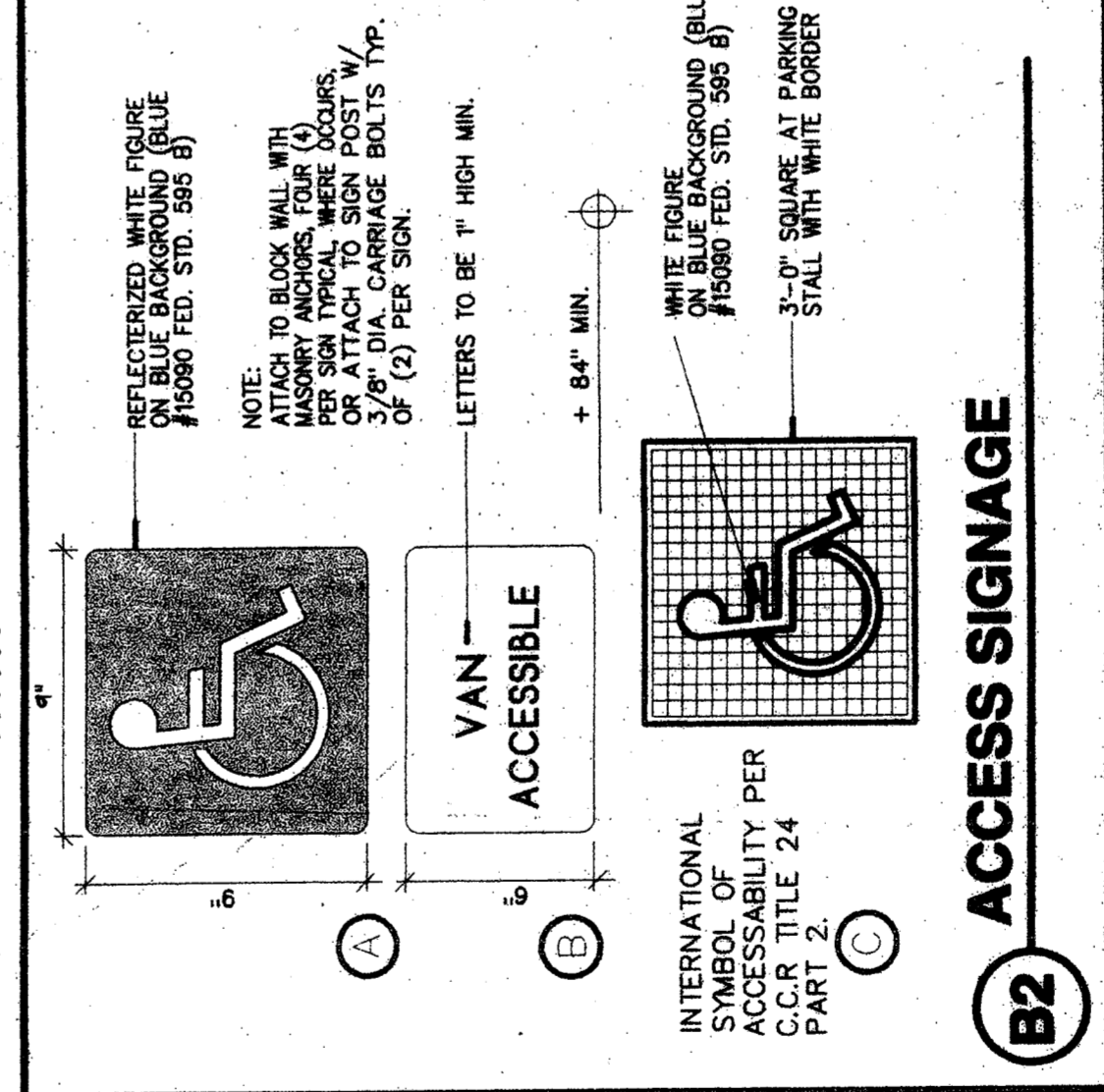
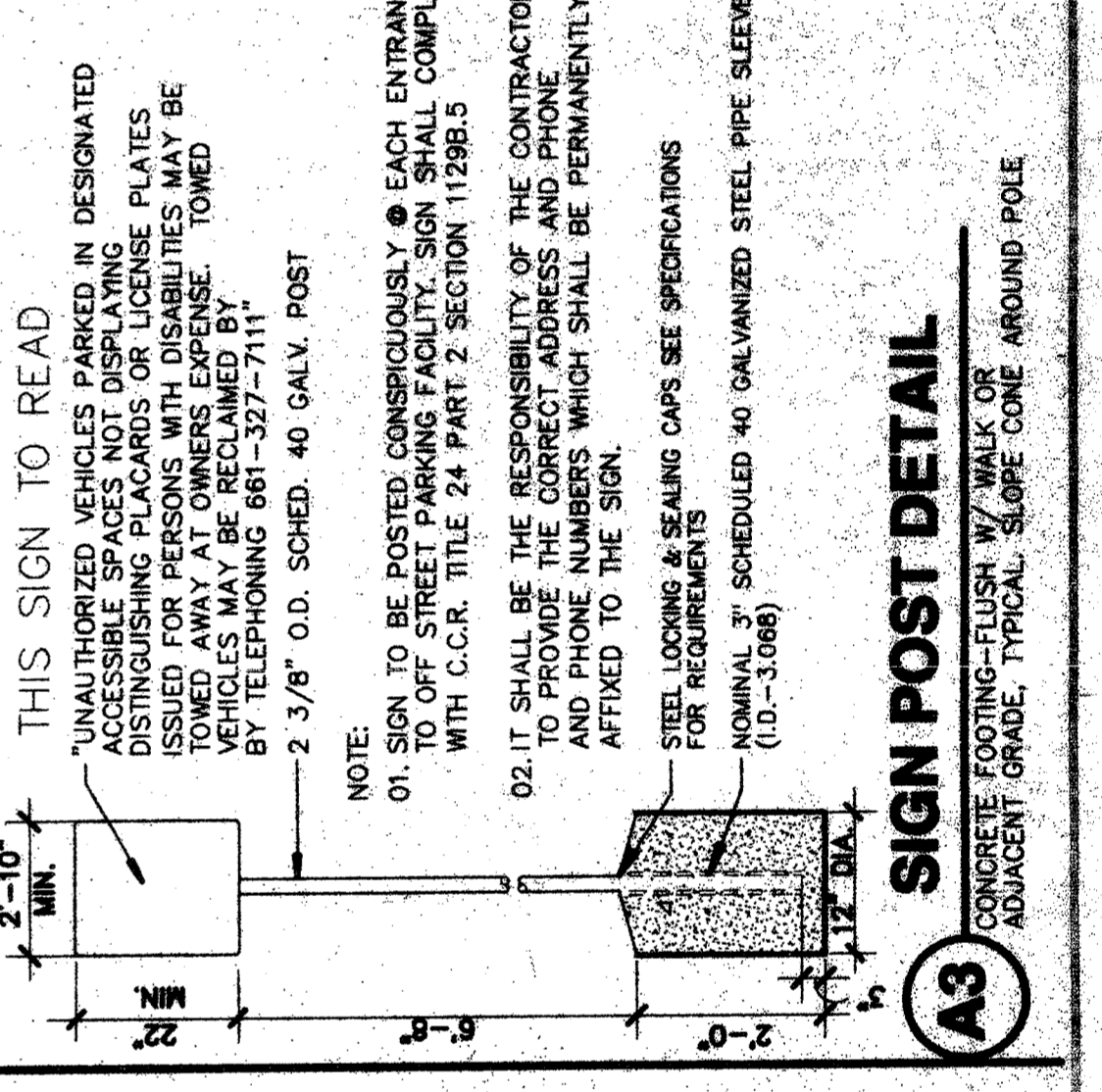
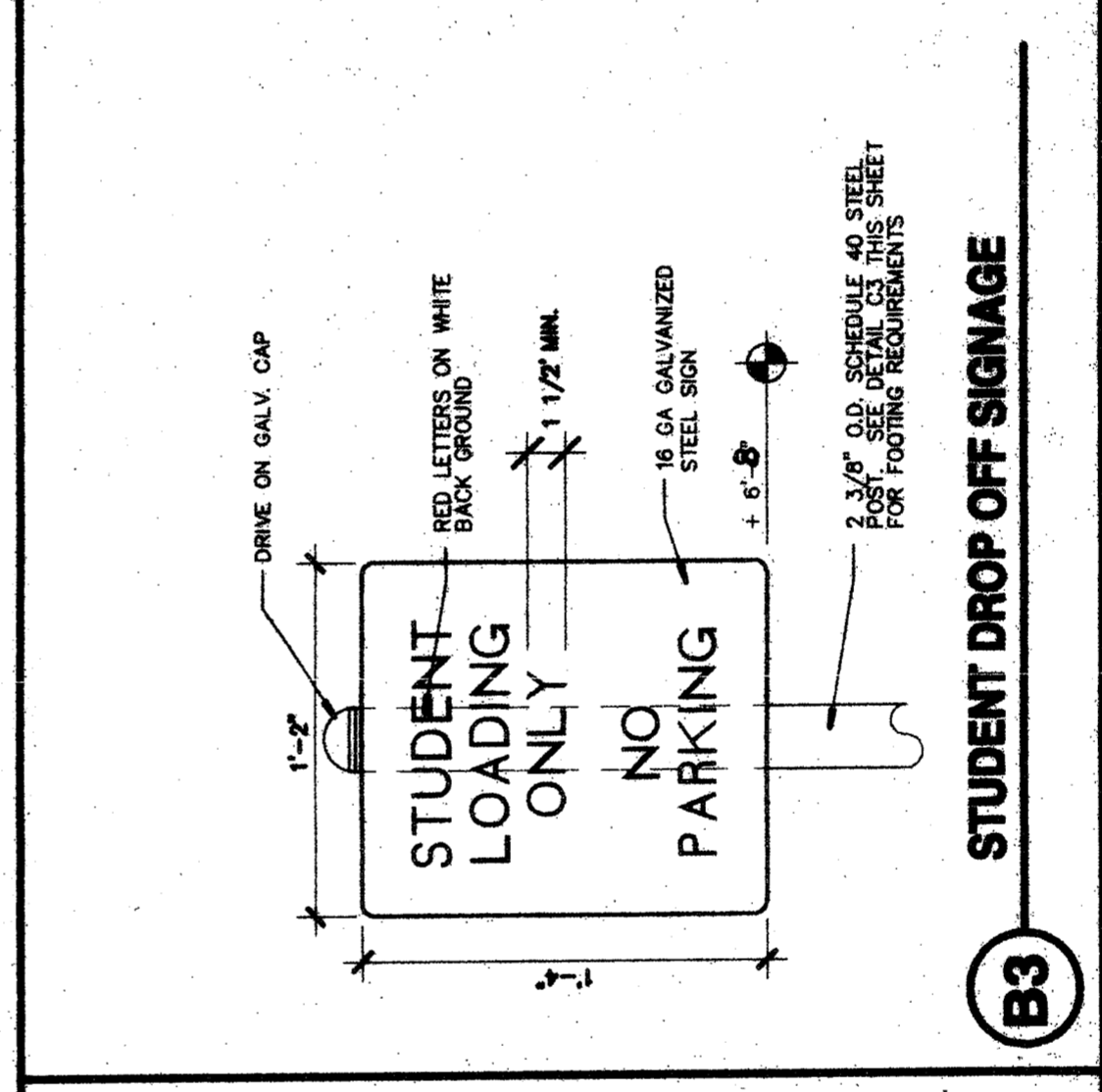
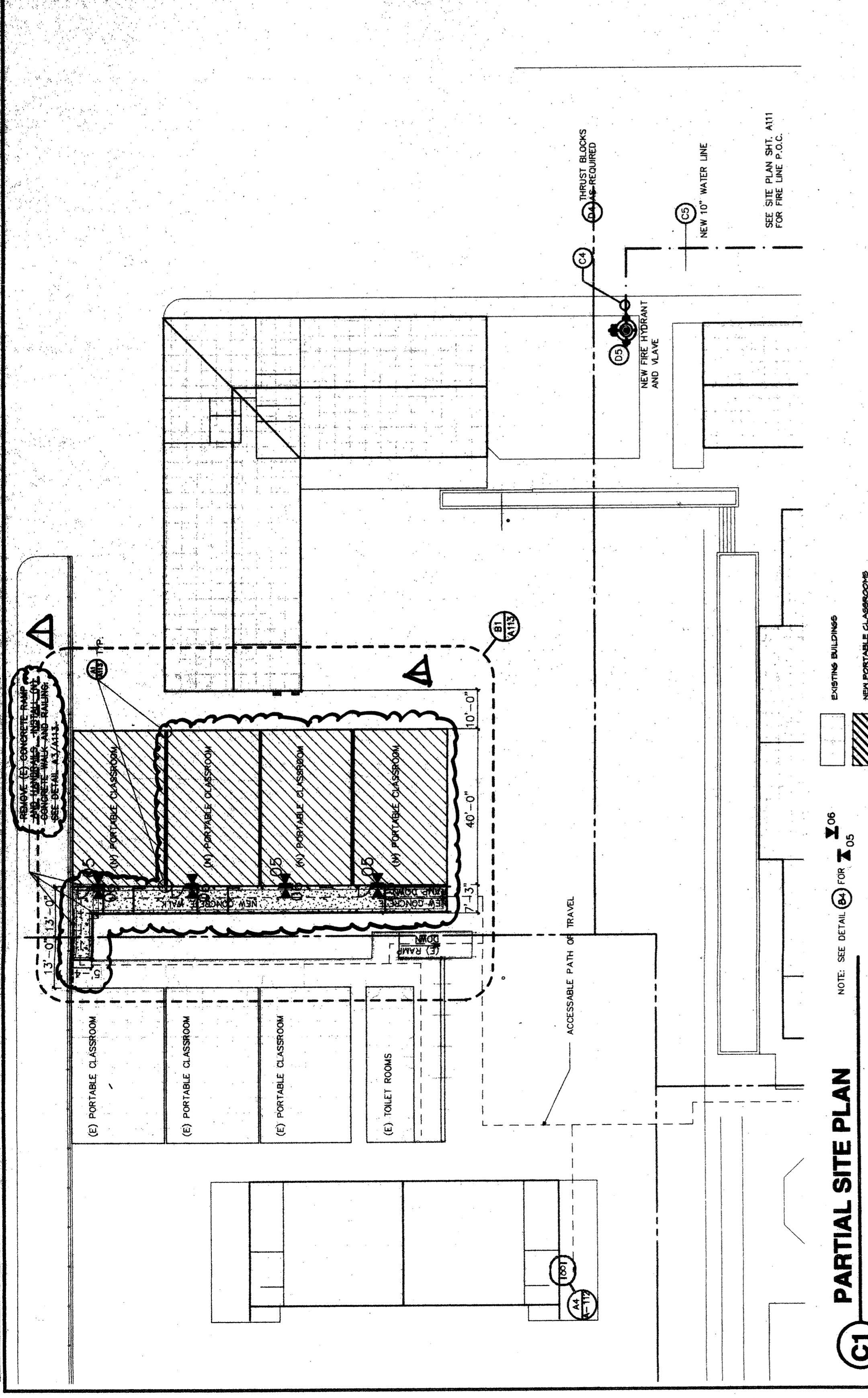
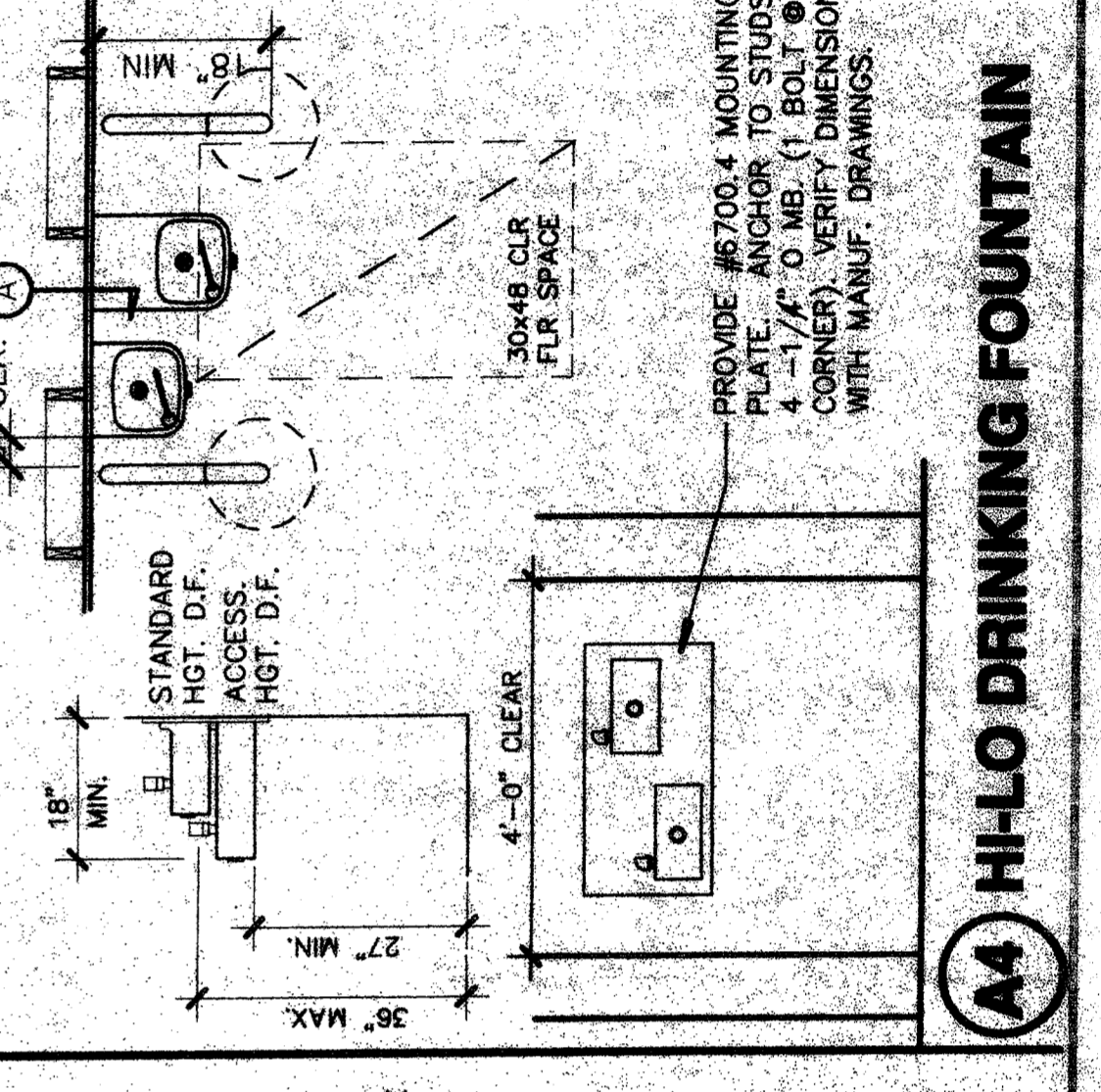
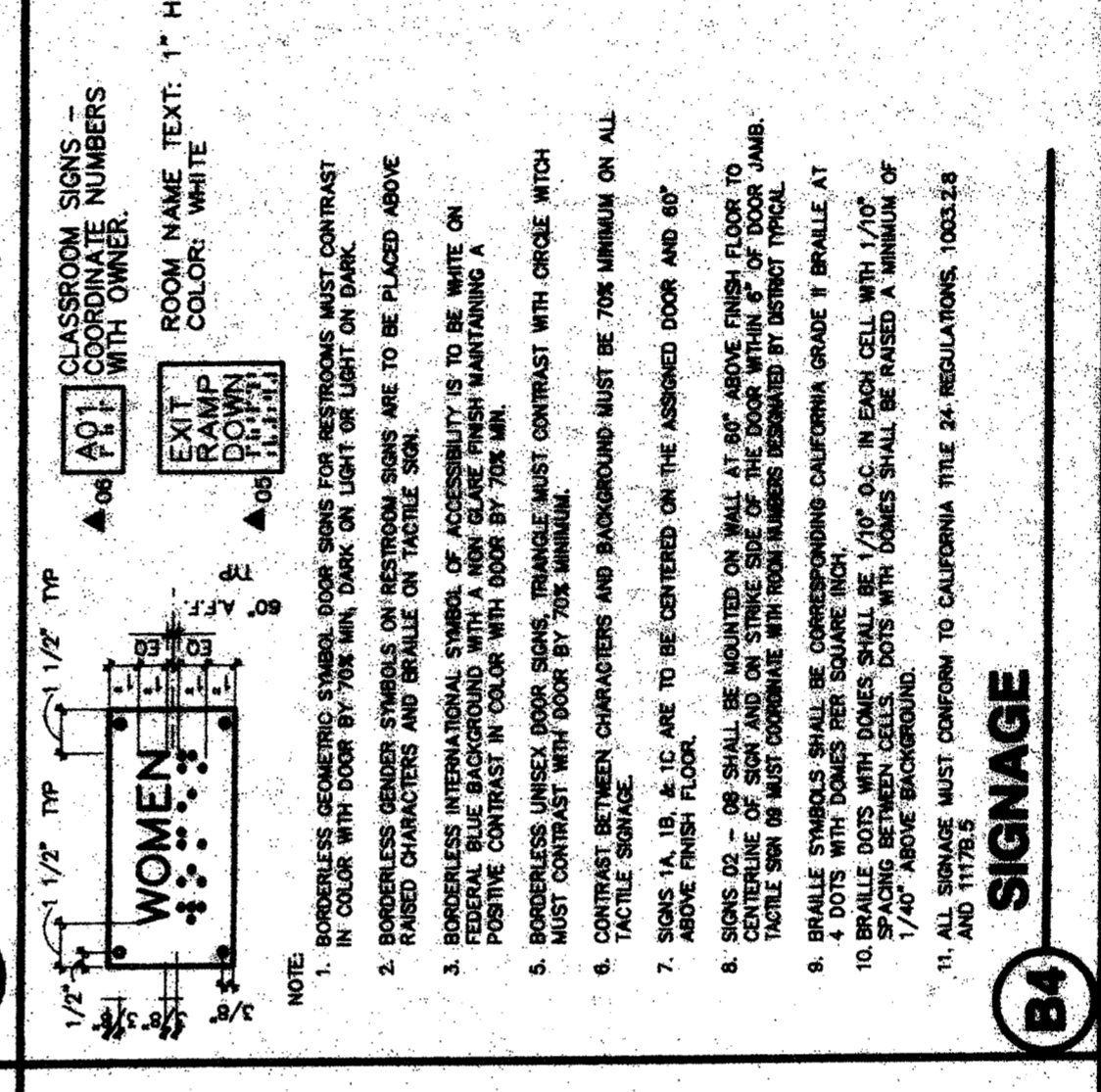
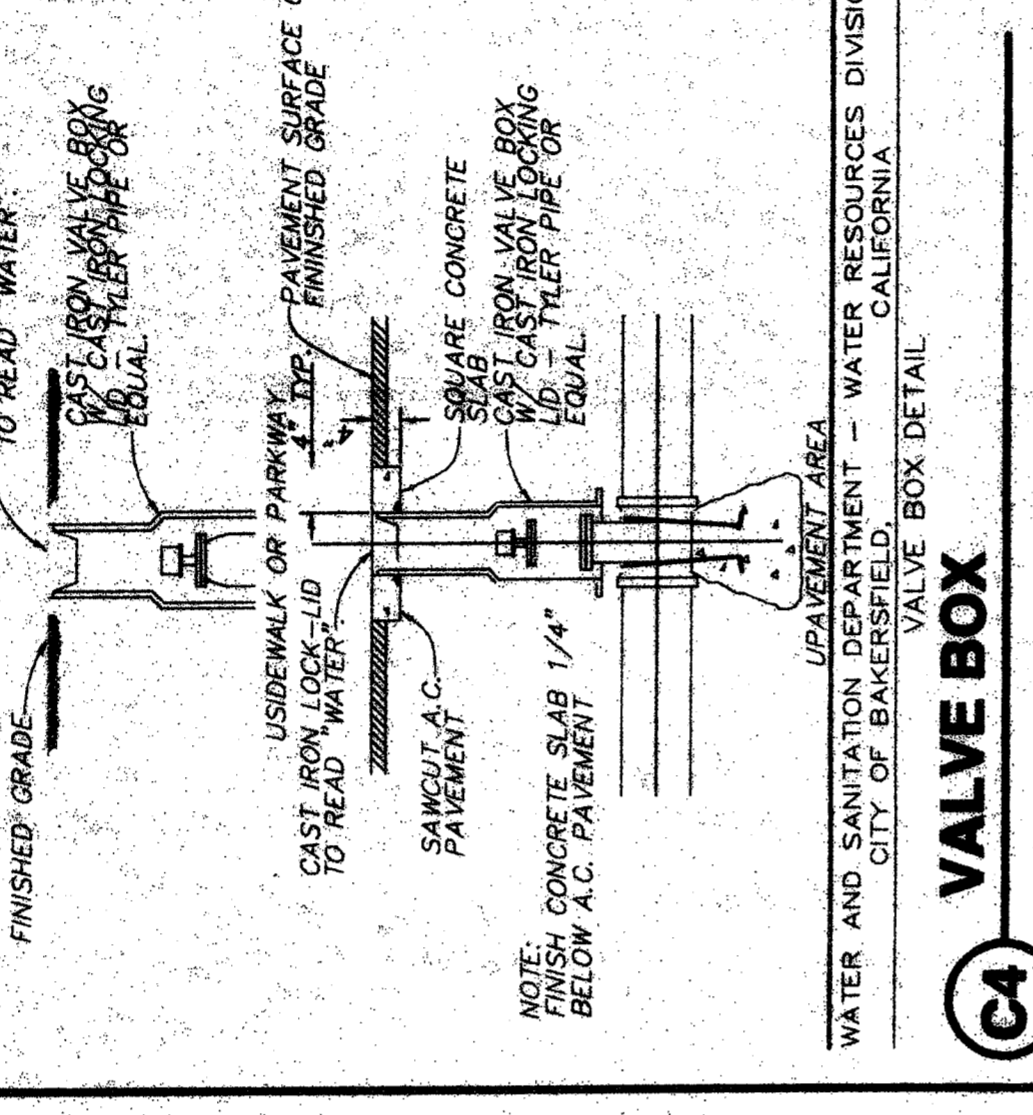
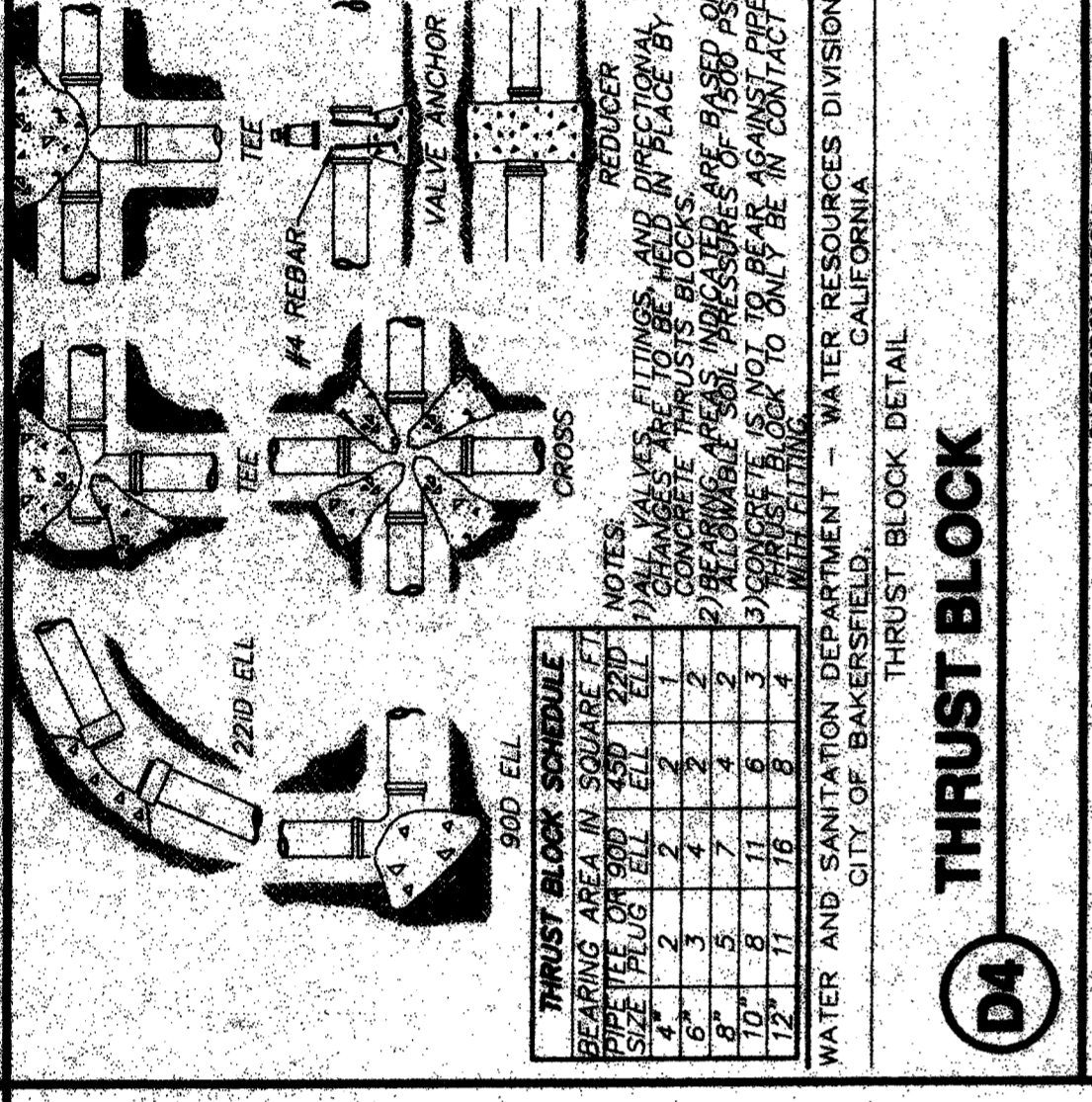
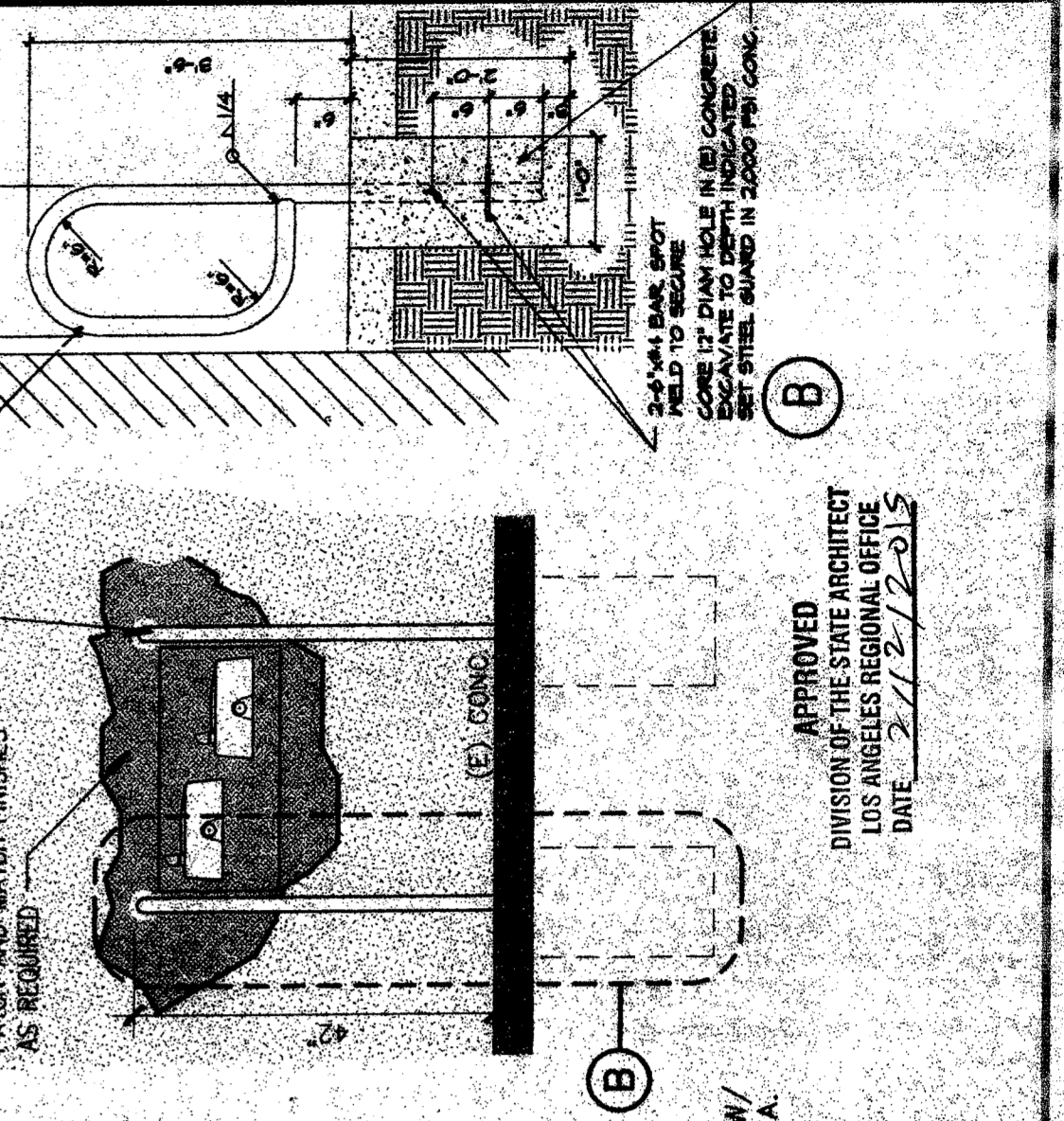
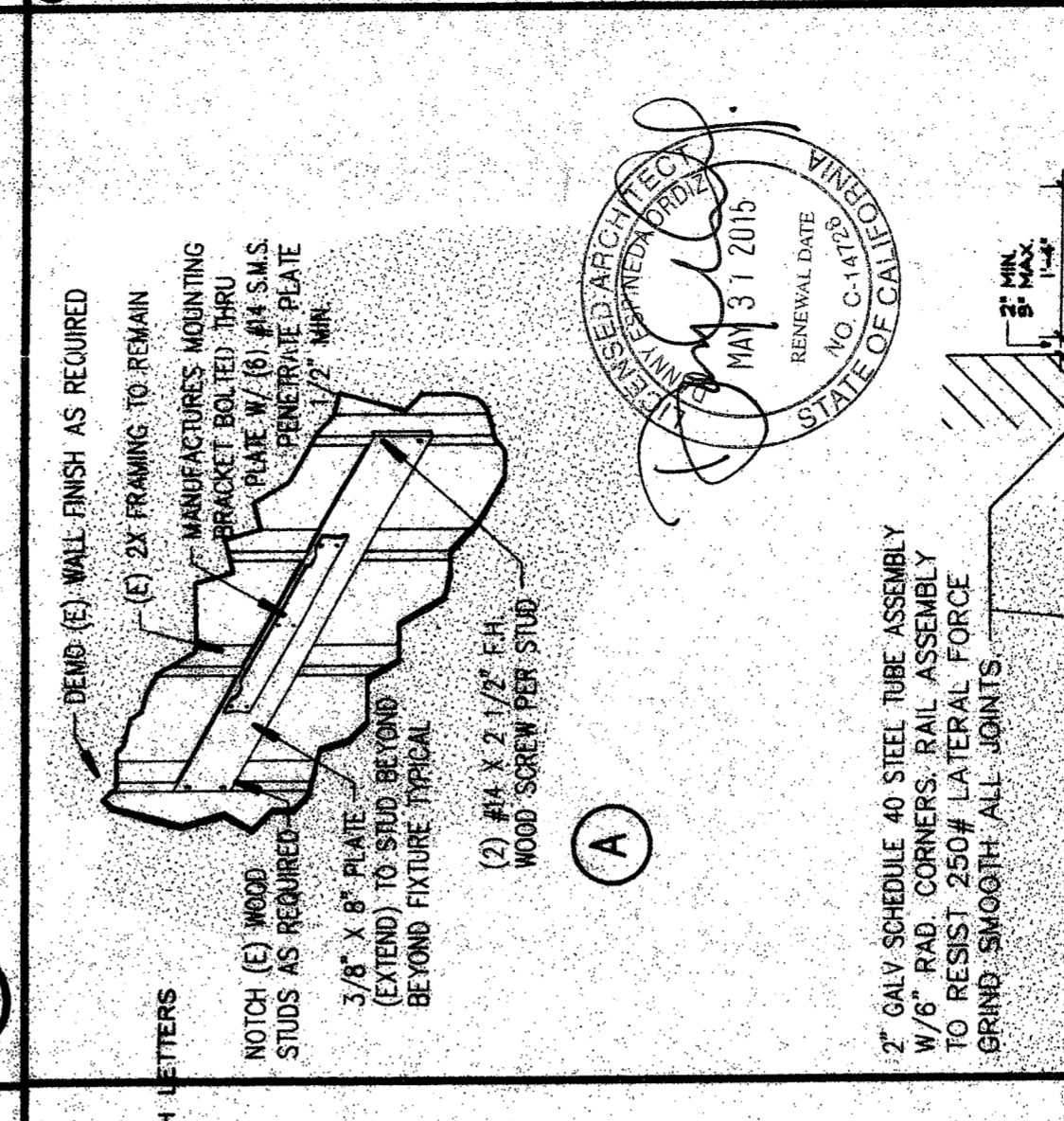
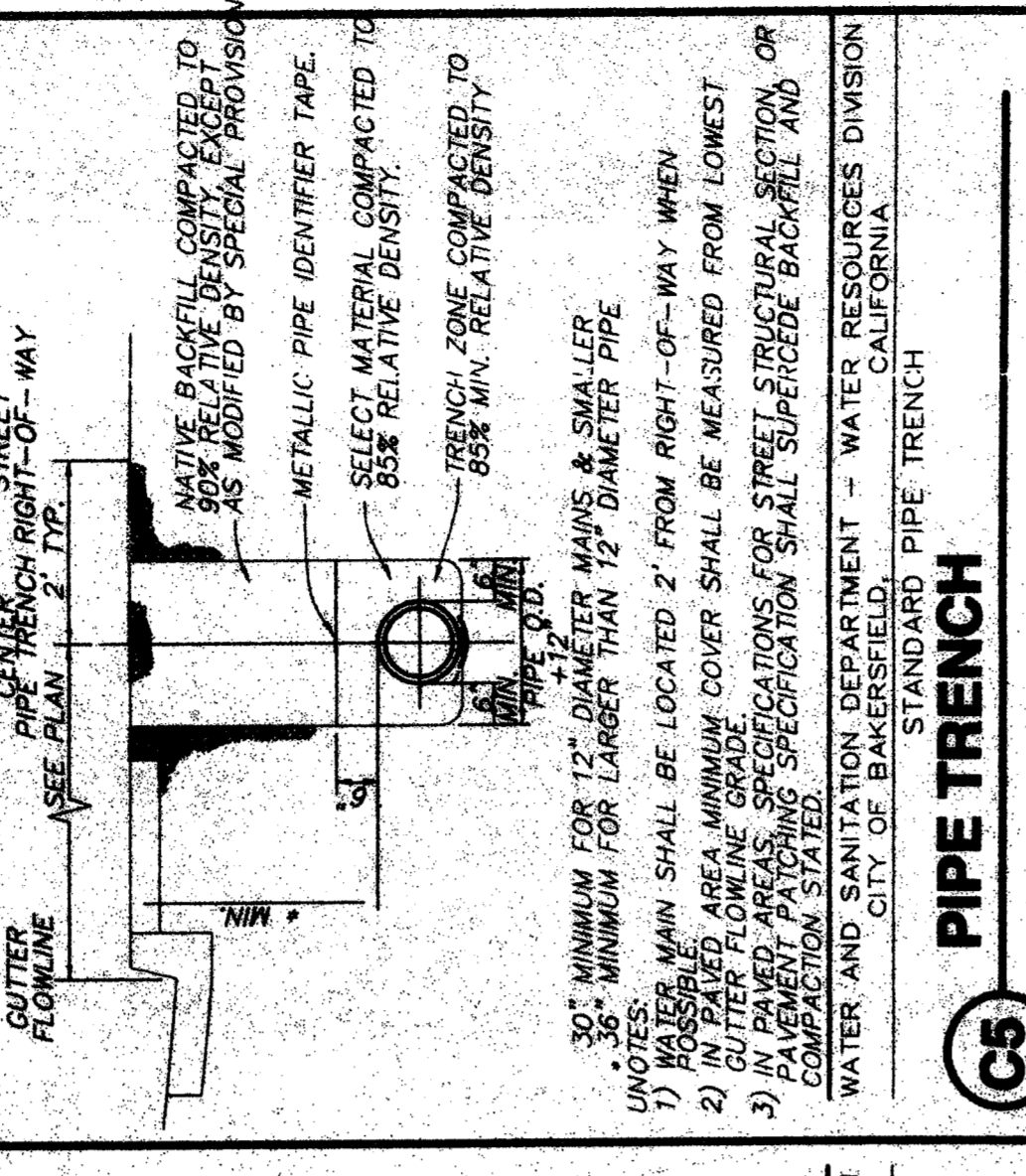
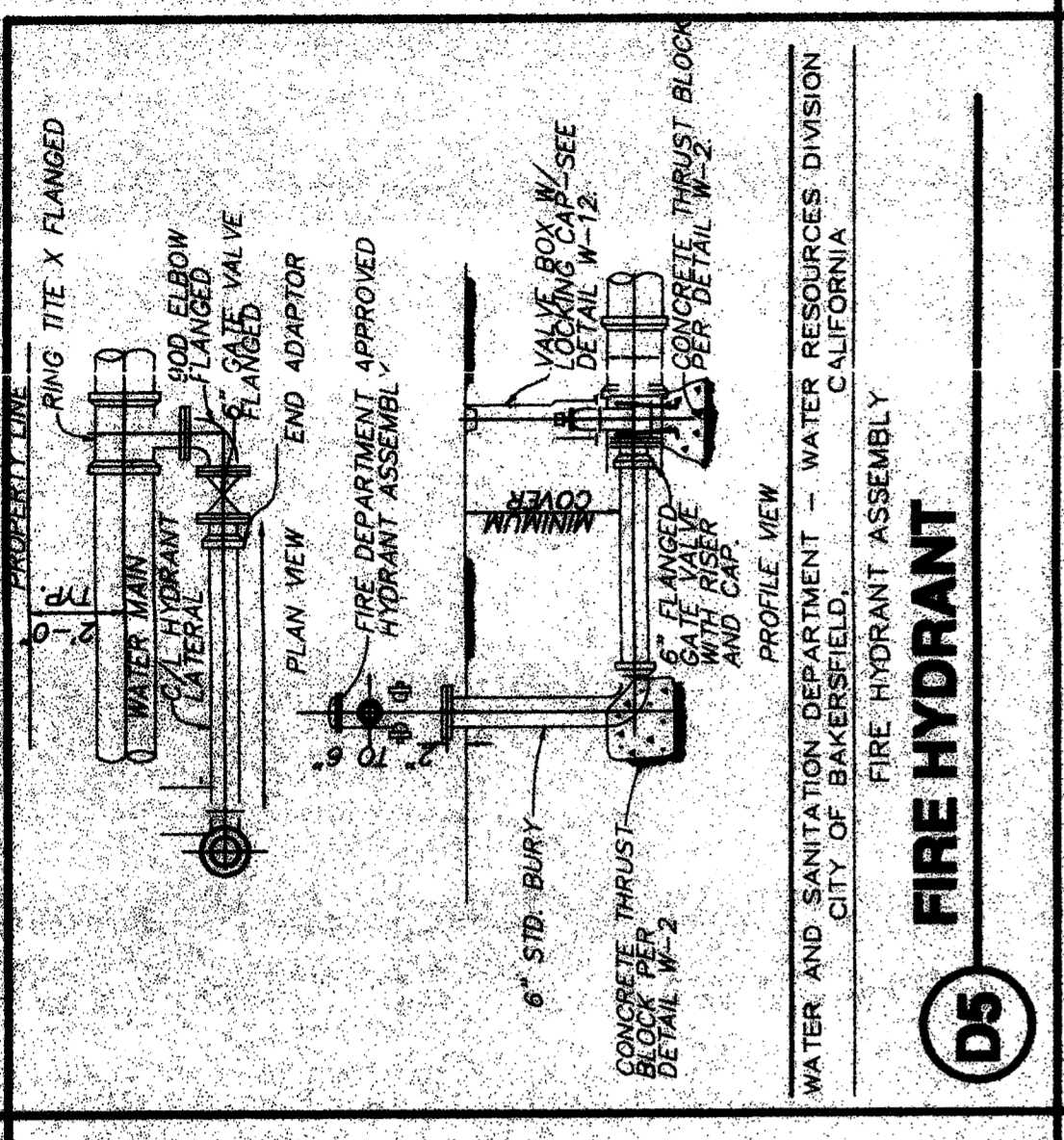
PTN: 63321-50
SITE IMPROVEMENTS
PORTABLE CLASSROOMS
AT
CHIPMAN JUNIOR HIGH SCHOOL
BAKERSFIELD
CITY SCHOOL DISTRICT
EISSLER STREET
BAKERSFIELD
CALIFORNIA
93306

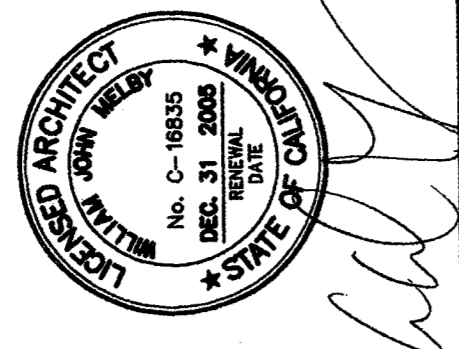
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 DRAWN BY: JAH
 CHECKED BY: ENW
 DATE: JAN 31 2015

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ENLARGED SITE PLAN AND DETAILS
 SHEET IDENTIFICATION NUMBER: **A-112**
 SHEET 02 OF 03





DANNY E. CRDZ, AIA
 ARCHITECT C-14,728
 WILLIAM J. MELBY, AIA
 ARCHITECT C-16,635
 JUL 2 6 2005

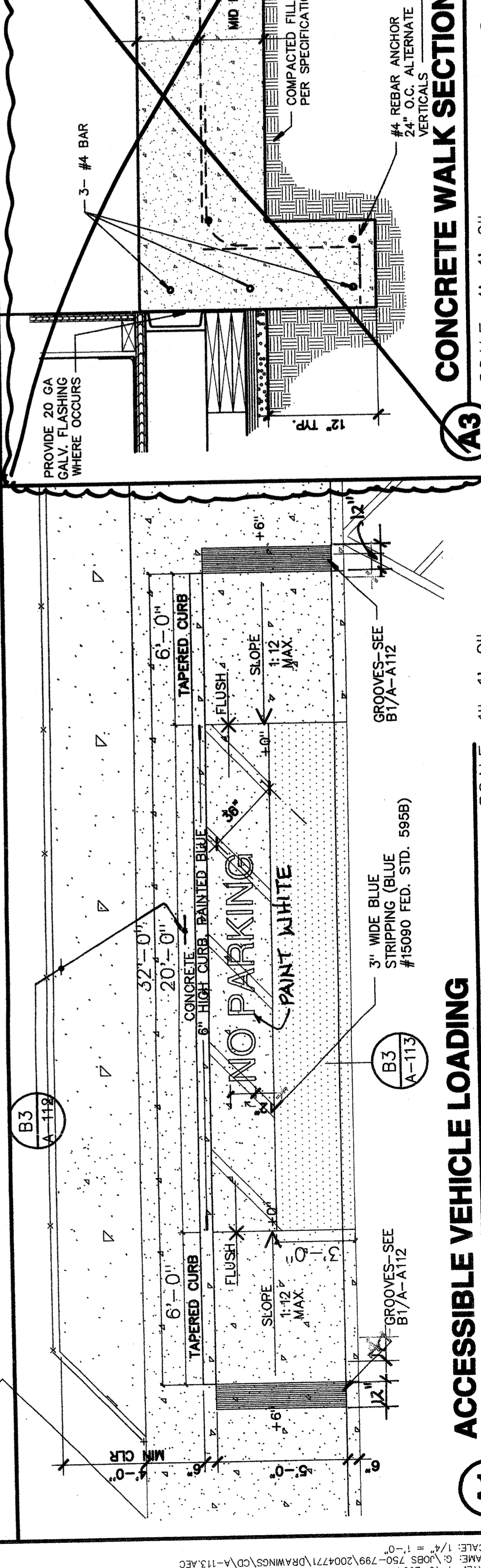
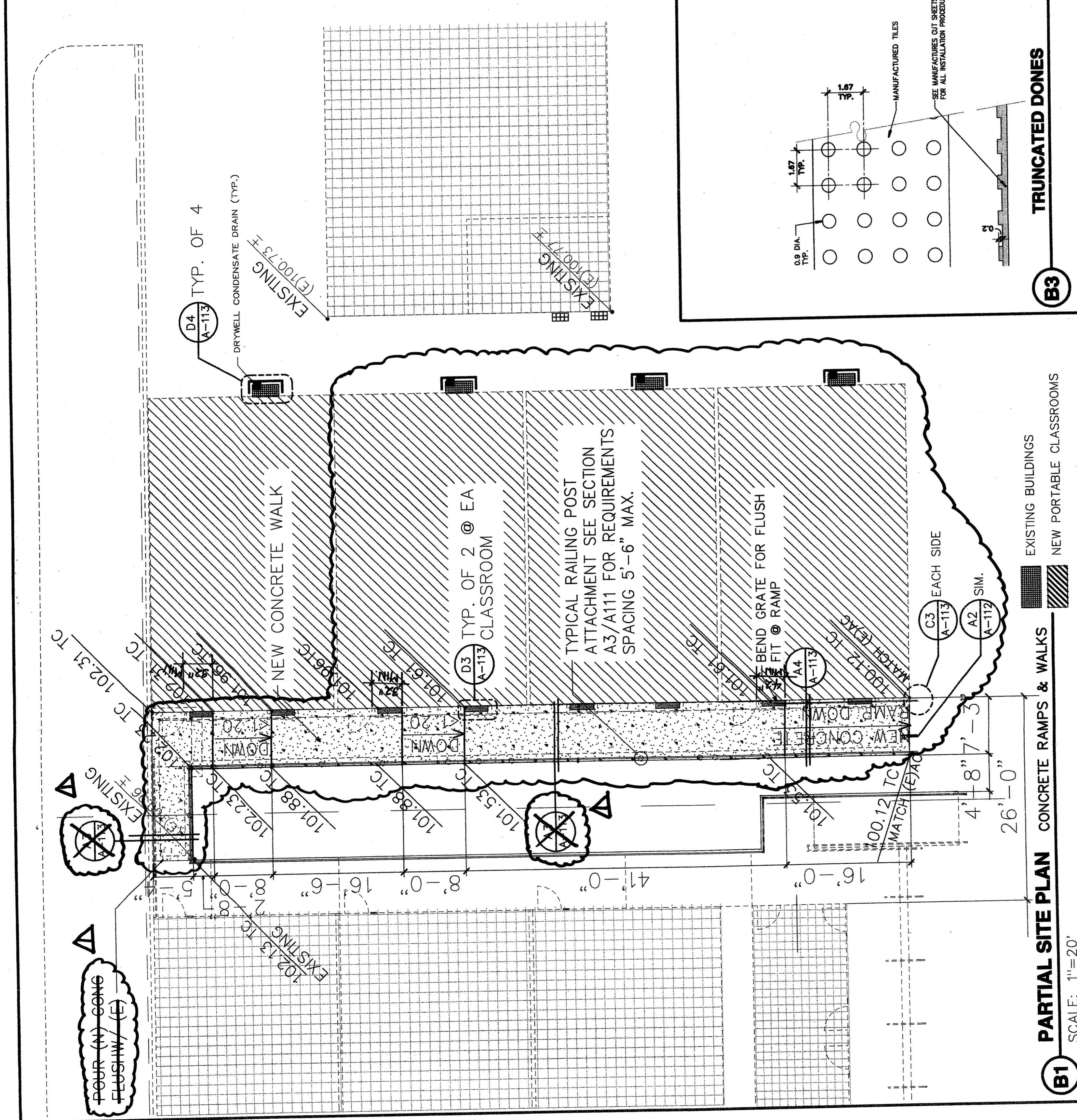
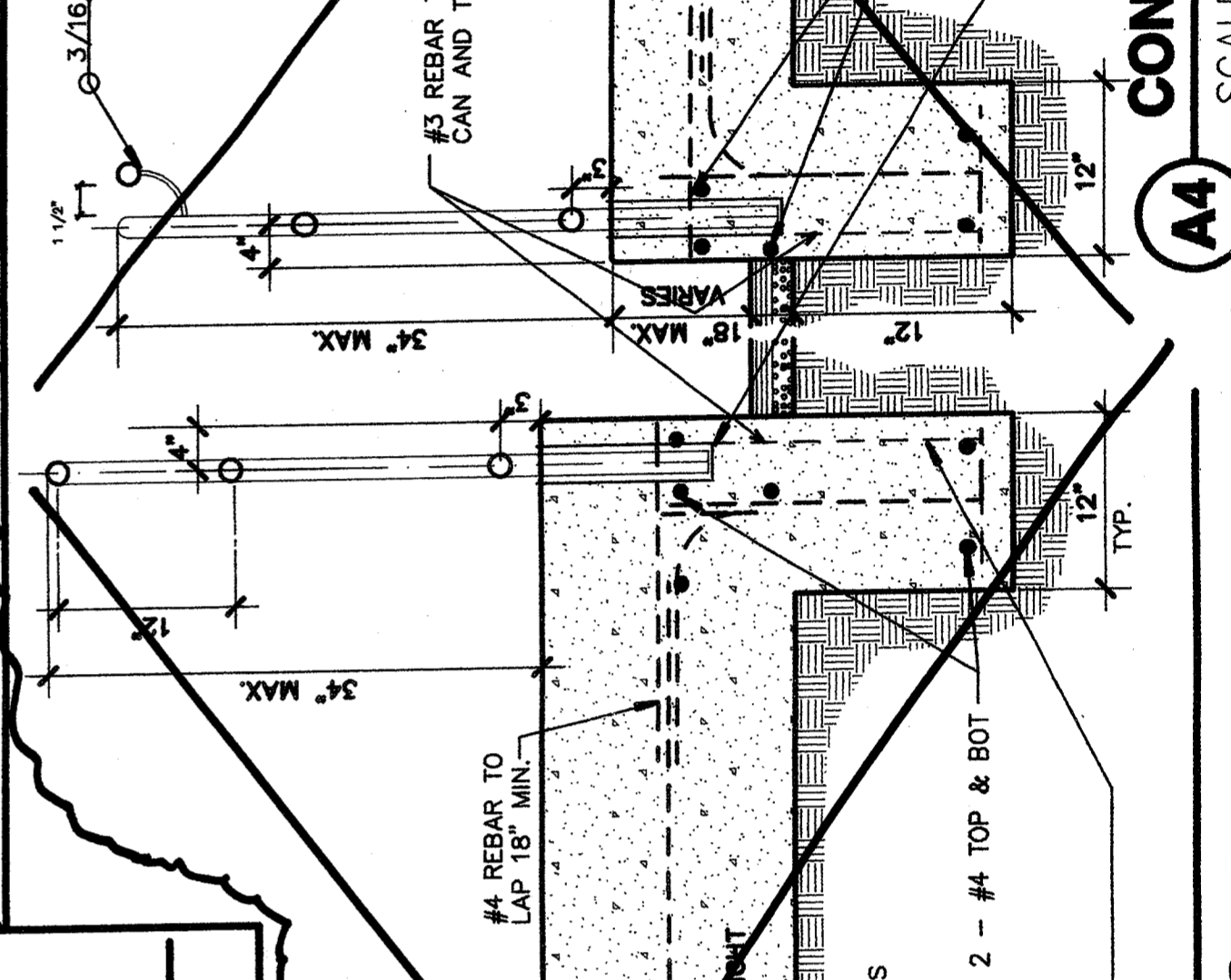
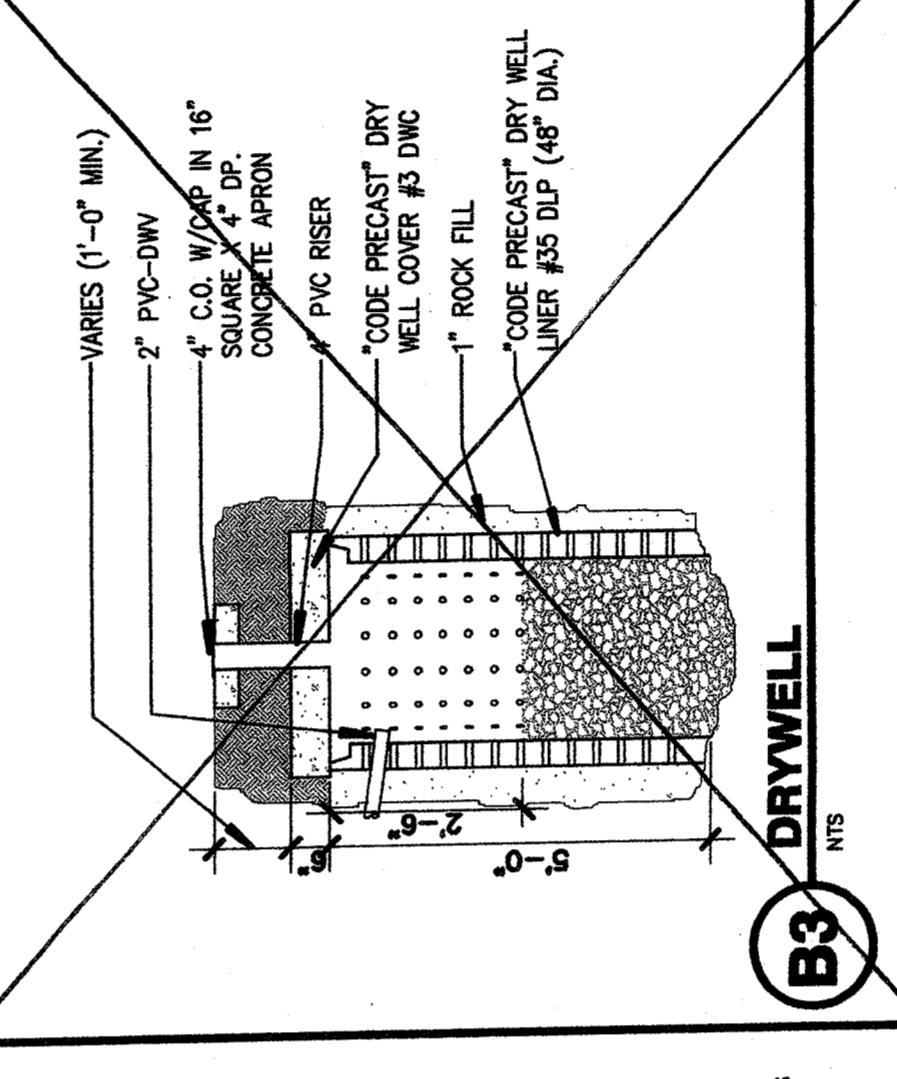
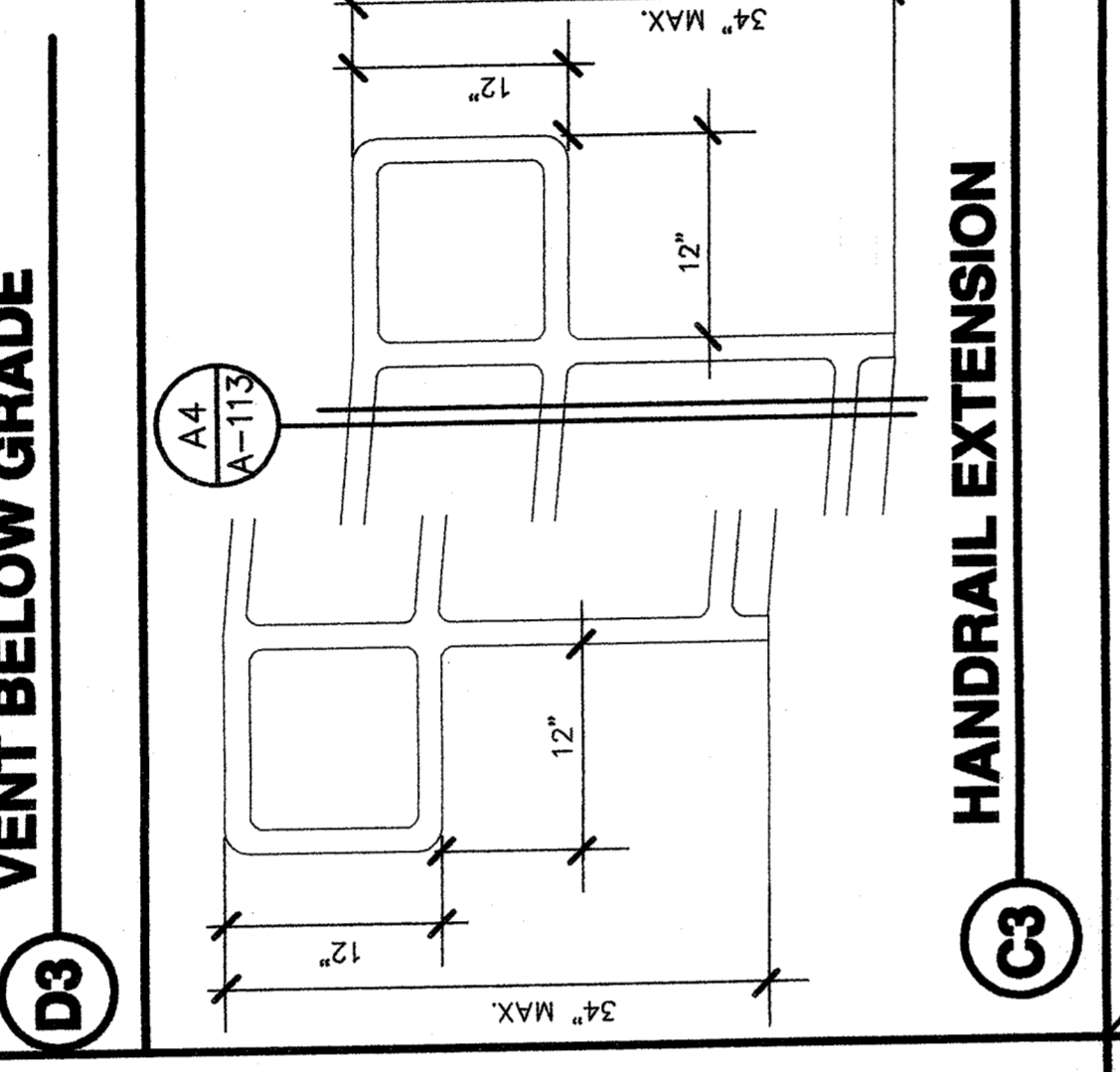
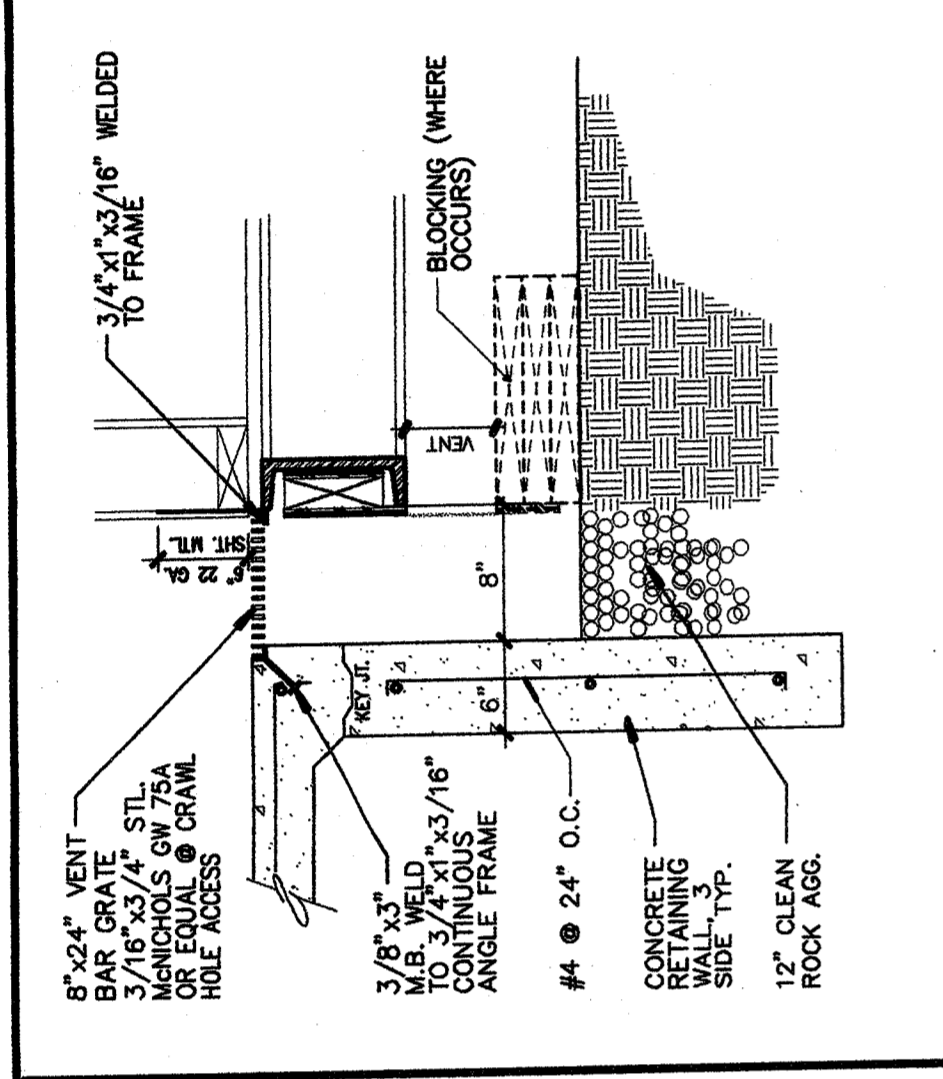
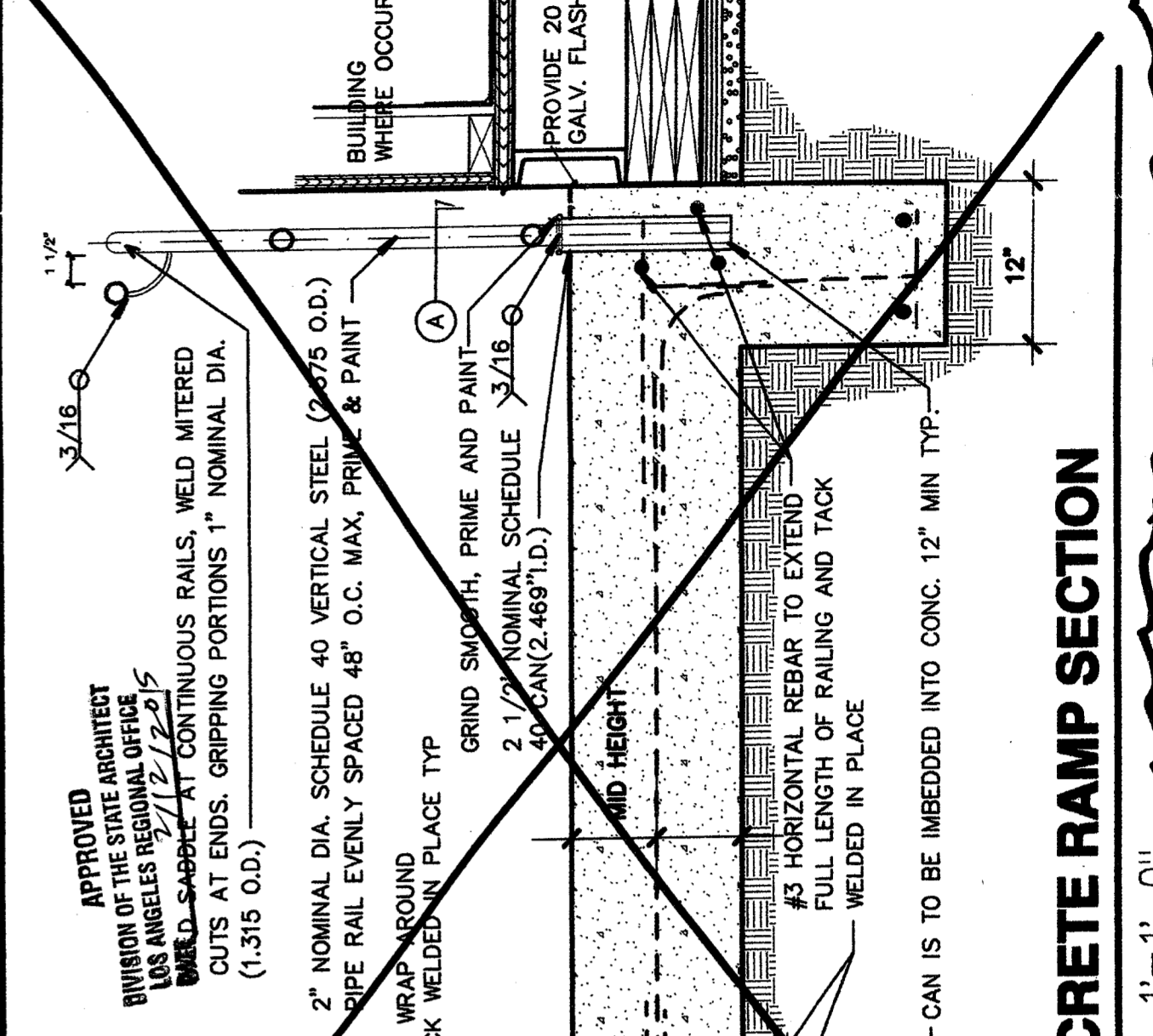
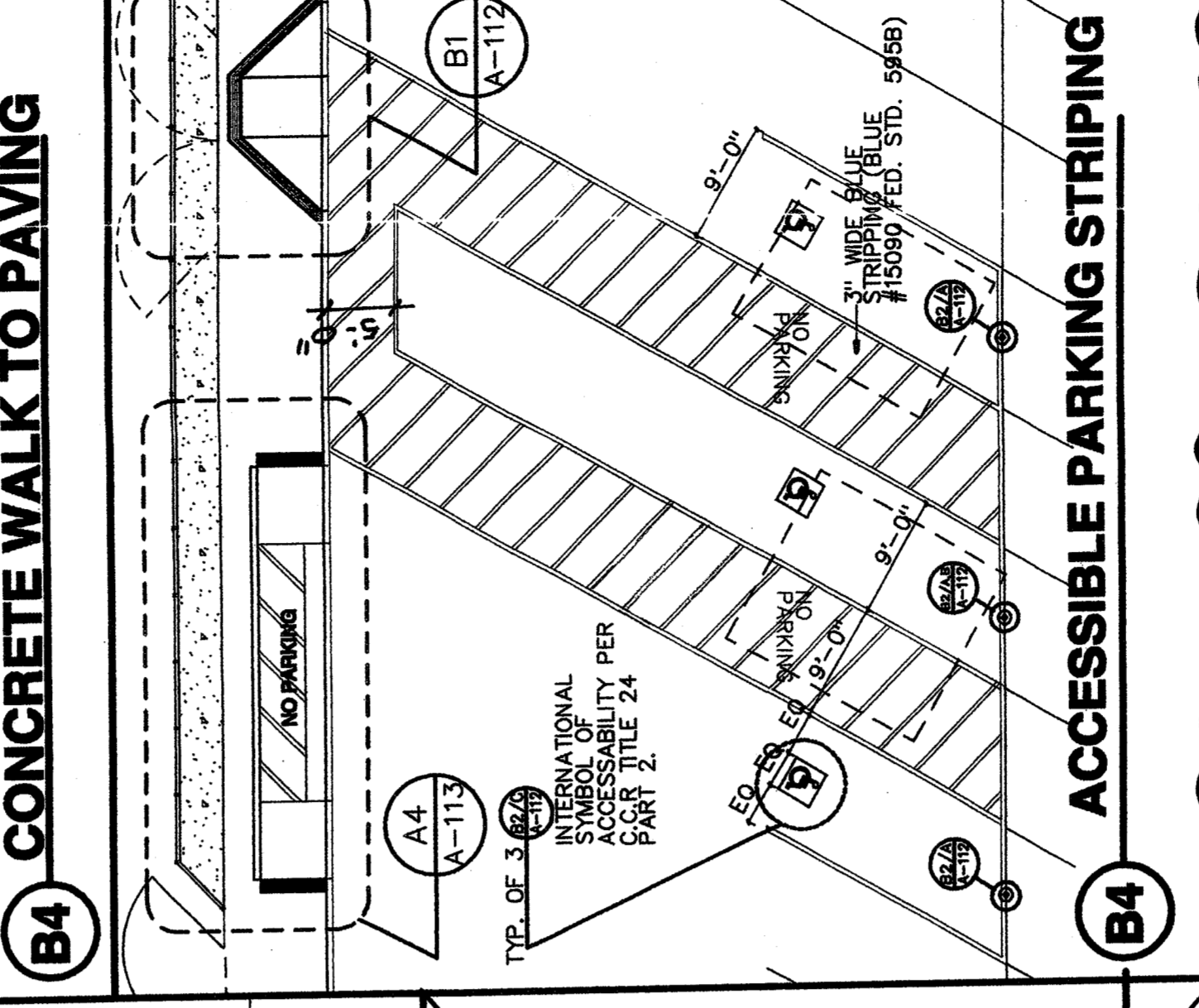
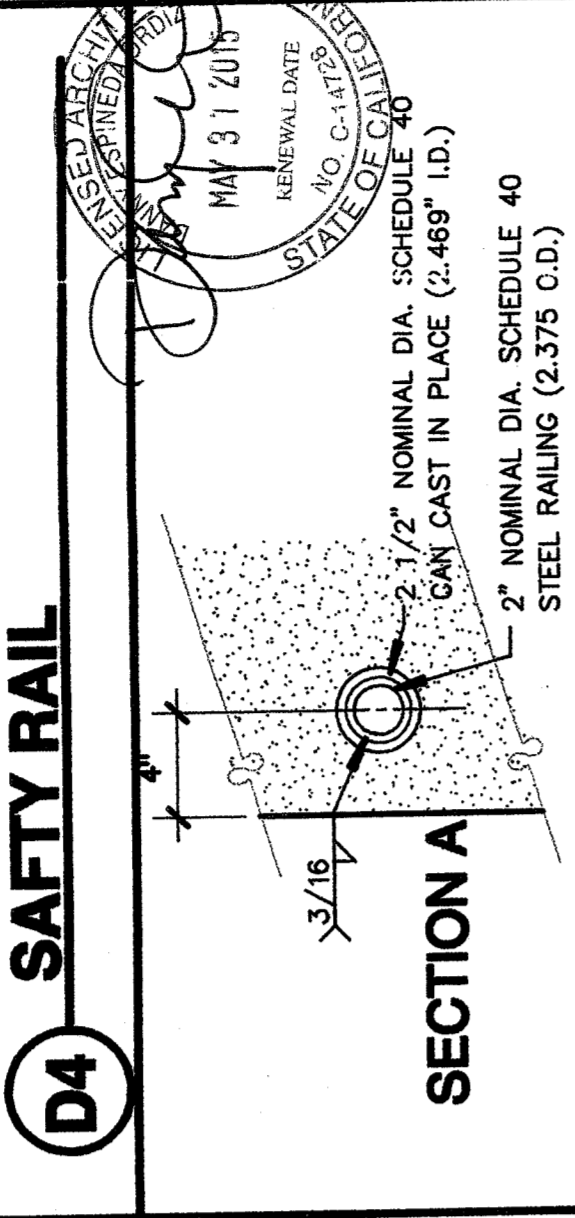
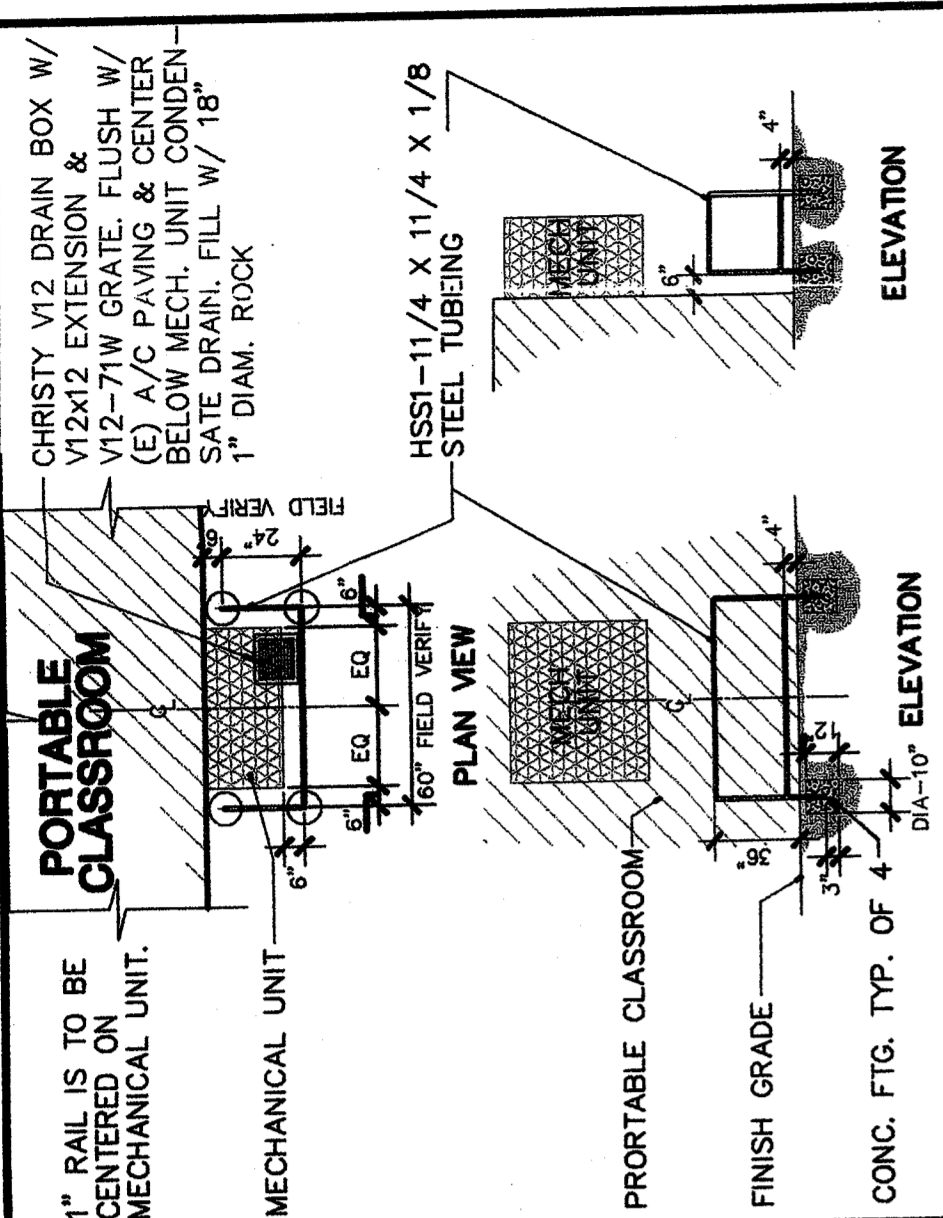
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 SITE IMPROVEMENTS
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 BAKERSFIELD
 CITY SCHOOL DISTRICT

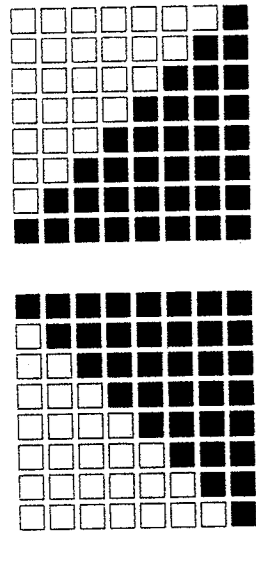
83321-50
 EISSLER STREET
 BAKERSFIELD
 CALIFORNIA
 93306

MARK	DATE	DESCRIPTION
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CD	01-13-15	CCD #01

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 CAD DRAWING FILE: A-113AEC
 DRAWN BY: JAH
 CHECKED BY: EW
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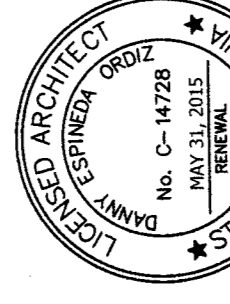
ENLARGED SITE PLAN AND DETAILS
 SHEET TITLE
 SHEET NUMBER
 SHEET IDENTIFICATION NUMBER
A-113
 SHEET 03 OF 03





**ORDIZ
MELBY**
ARCHITECTS, INC.

5500 MING AVENUE SUITE 280
BAKERSFIELD, CALIFORNIA 93309
TELEPHONE (861) 932-5258
FACSIMILE (861) 932-4291



DANNY ORDIZ, AIA
ARCHITECT C-14728
WILLIAM J. MELBY, AIA
ARCHITECT C-16865

REGISTRATION STAMP
DIVISION OF STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL. #03-108679
FILE # 15-6
AC FLS BS
DATE PTTN: 63321-50

**1 RELOCATABLE CLASSROOM
BUILDING AT CHIPMAN JUNIOR
HIGH SCHOOL
FOR:**

**BAKERSFIELD CITY
SCHOOL DISTRICT
1300 BAKER STREET
BAKERSFIELD CA 93305**

MARK	DATE	DESCRIPTION
△	01-13-15	CCD-1
△		
△		
△		
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JOB NUMBER
2004-771
CAD DRAWING FILE:
771 CHIPMAN JR HIGH PORTABLES C-16.pjn
DRAWN BY:
MT
CHECKED BY:

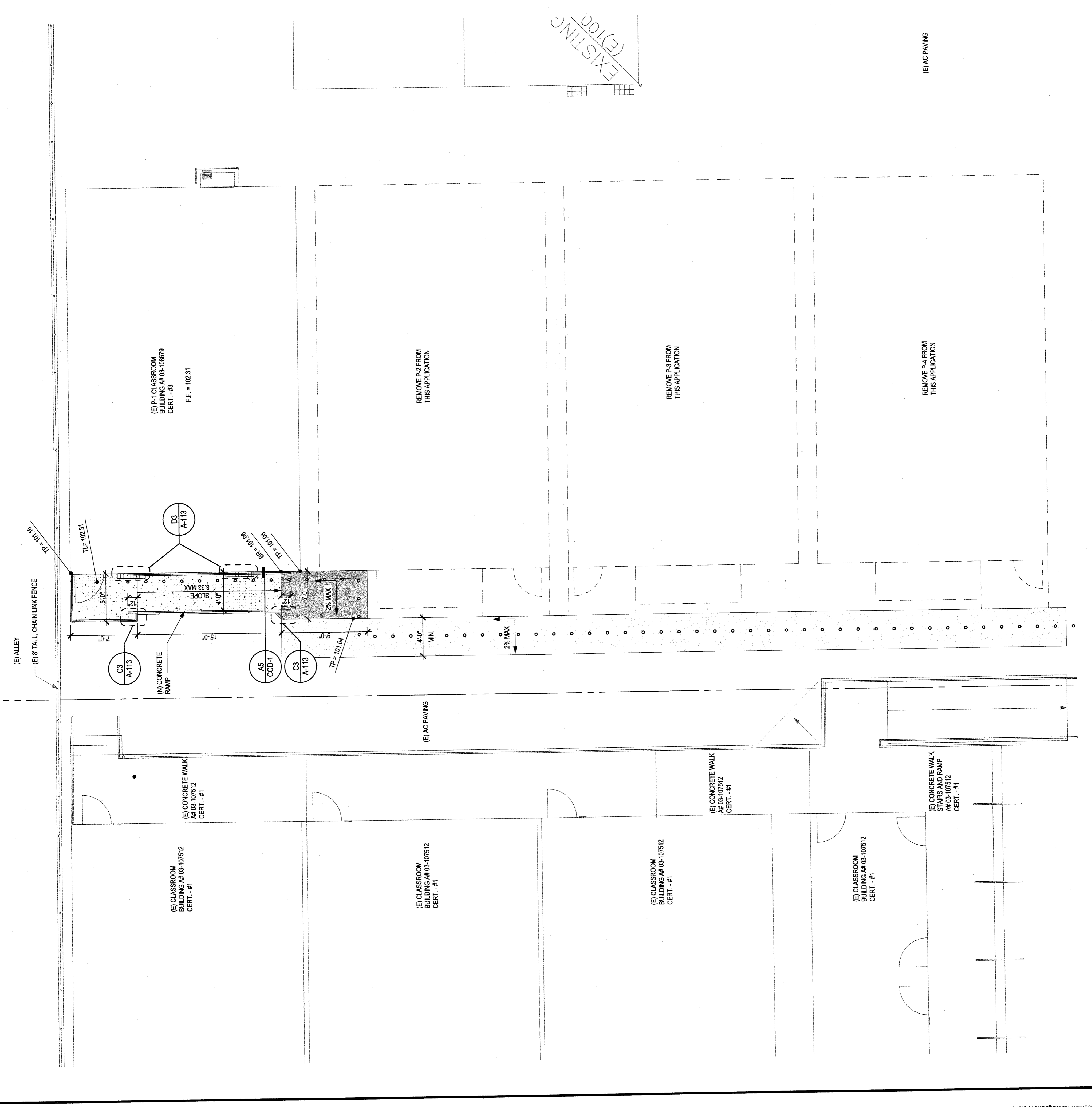
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ORDIZ/MELBY ARCHITECTS, INC. 2014

SHEET TITLE
**ENLARGED SITE
PLAN & DETAILS**

SHEET IDENTIFICATION NUMBER
CCD-1

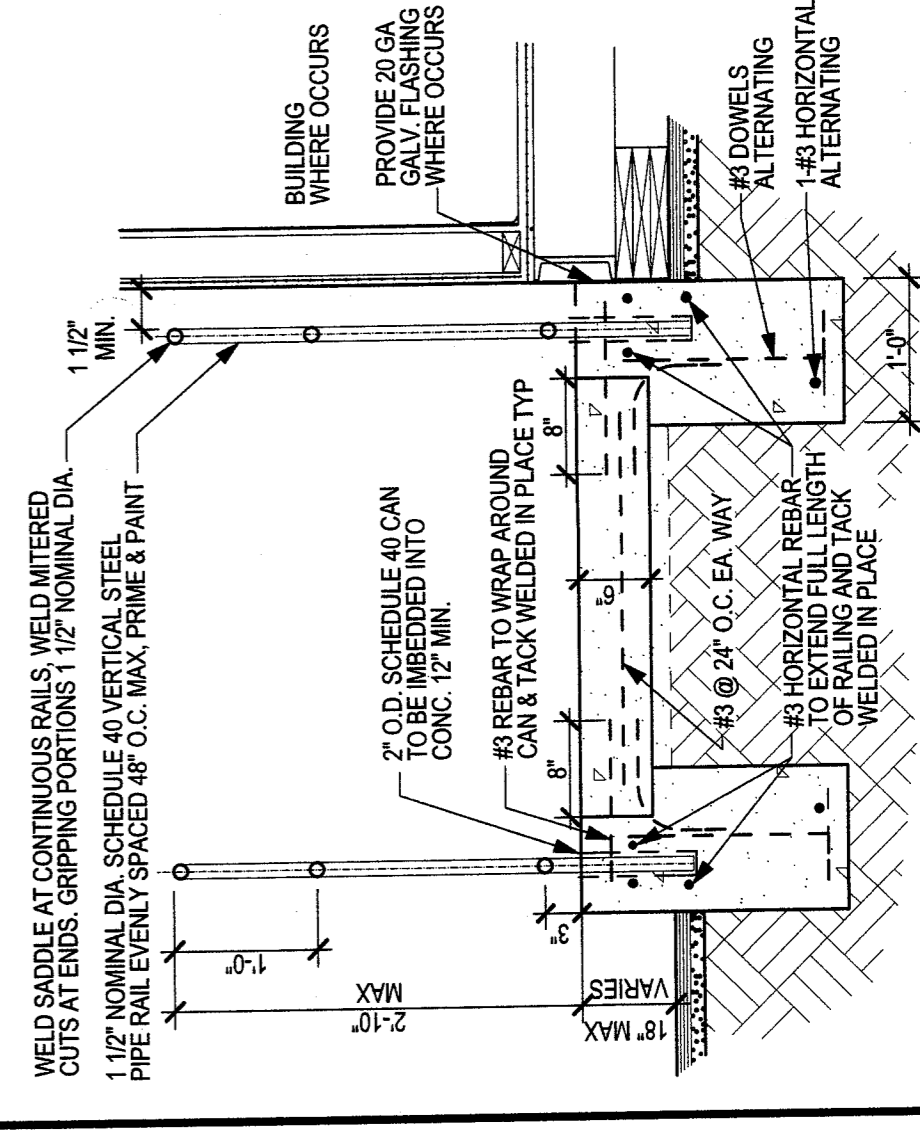
LEGEND

- NEW CONCRETE RAMP
- NEW AC PAVING
- ACCESSIBLE PATH OF TRAVEL
- TP = TOP OF PAVING
TL = TOP OF LANDING
BR = BOTTOM OF RAMP
FF = FINISH FLOOR
- DETAIL SYMBOL
LOCATION ON SHEET
SHEET NUMBER
A1
A-801

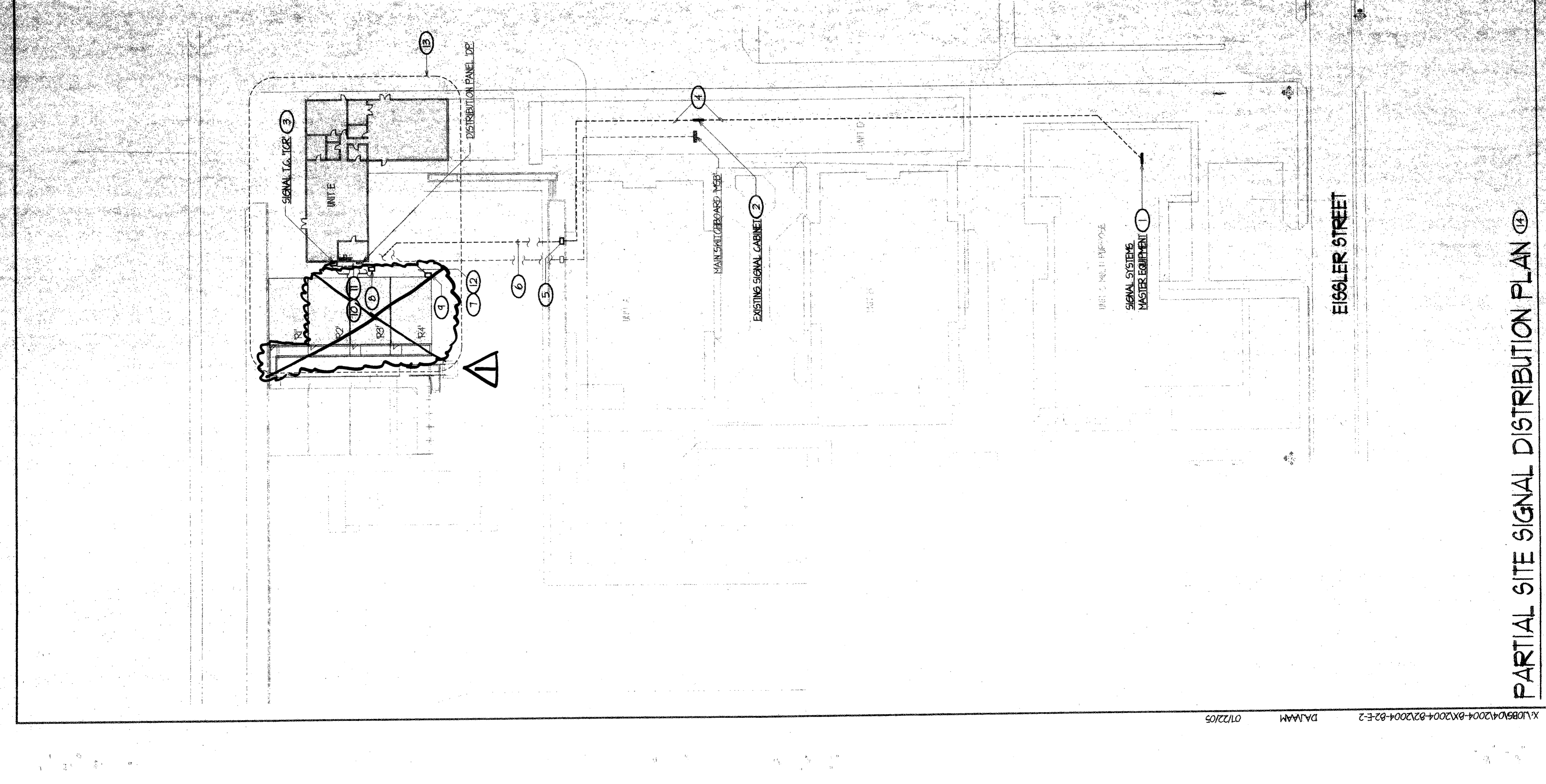


(A1) ENLARGED SITE PLAN
SCALE: 3/16" = 1'-0"

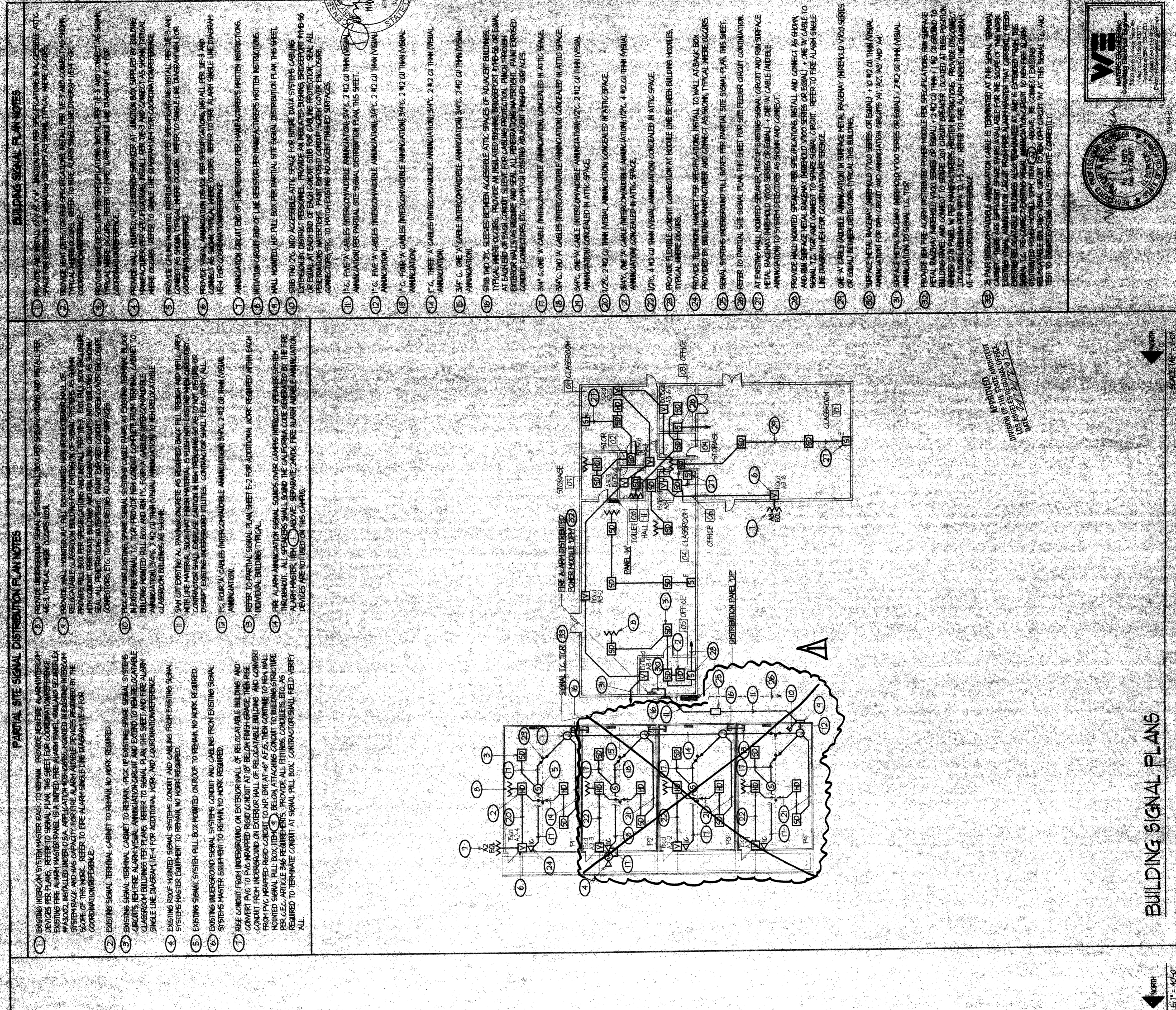
(A5) CONCRETE RAMP SECTION
SCALE: 3/8" = 1'-0"



APPROVED
FOR THE STATE ARCHITECT
LOS ANGELES REGISTERED OFFICE
DATE 1/27/2015



PARTIAL SITE SIGNAL DISTRIBUTION PLAN (1)



ORDIZ MELBY ARCHITECTS, INC.

SUITE 280
RIVERSIDE CALIFORNIA 92509
(951) 353-8988
(951) 352-4911

REGISTERED ARCHITECT
NO. 0-16835
DEC. 31, 2025
DATE

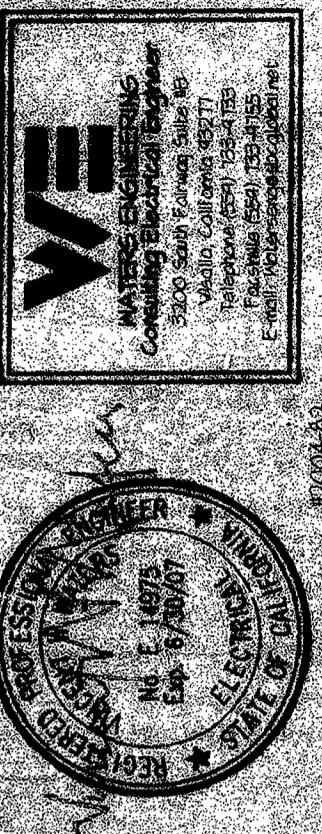
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DATE JUL 2 8 2005

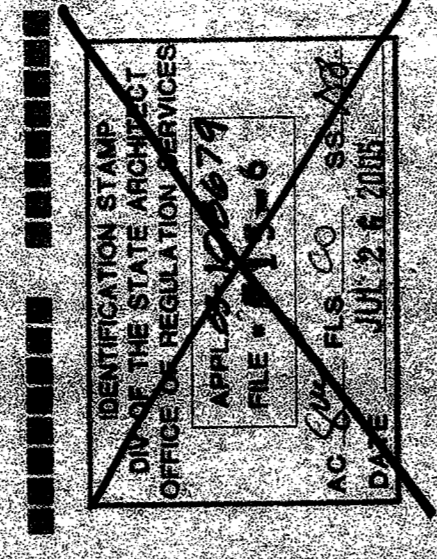
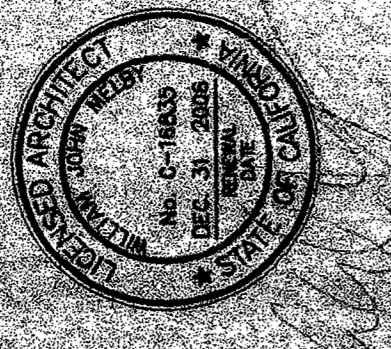
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PORTABLE CLASSROOMS
AT
CHIPMAN JUNIOR HIGH SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT
EISSLER STREET
BAKERSFIELD, CALIFORNIA 93306

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	01-13-15	CCD # 01

PROJECT NUMBER: 20040771
CADD DRAWING FILE: 2004-02-E2.DWG
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REGISTERED ARCHITECTS: NC 9088

PARTIAL SITE SIGNAL DISTRIBUTION AND BUILDING SIGNAL PLANS
SHEET IDENTIFICATION NUMBER: E2
SHEET OF 07





DATE: JUN 28, 2011
 PROJECT: 2004-02-E-3 DWG
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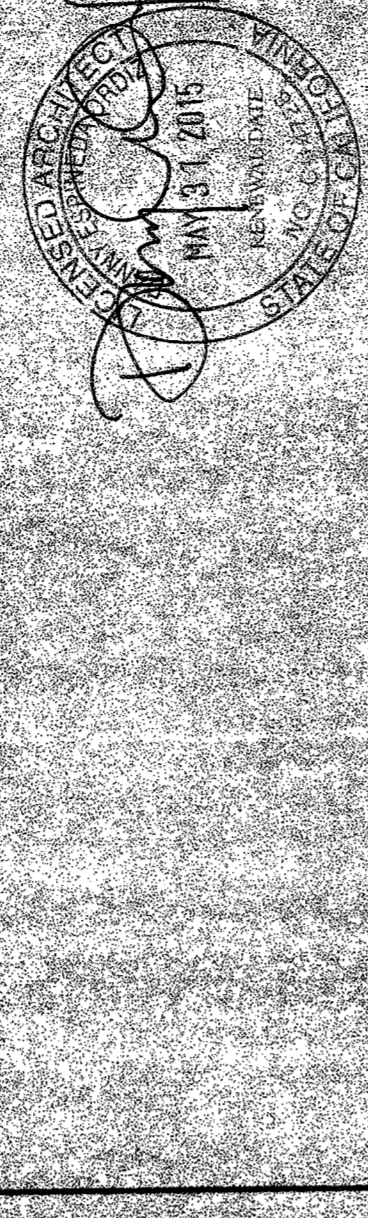
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SHEET TITLE
 SINGLE LINE DIAGRAM
 SHEET IDENTIFICATION NUMBER
E-3
 SHEET OF

SINGLE LINE DIAGRAM NOTES

- EXISTING 2000V MAIN SWITCHBOARD (MSB) 3 PHASE 4W 2500 AMPERS TO REMAIN. PROVIDE NEW CIRCUIT BREAKERS PER THE FOLLOWING:
- REPLACE EXISTING 400V CIRCUIT BREAKERS IN EXISTING SPACE WITH NEW 400V CIRCUIT BREAKERS. PROVIDE EXISTING EQUIPMENT MAIN PANELS AND 12.5 KVA TRANSFORMER. ALL NEW AND EXISTING EQUIPMENT SHALL BE INSTALLED IN EXISTING SPACE. PROVIDE ALL NECESSARY WIRING AND CONDUIT TO ACCOMMODATE NEW EQUIPMENT. ANY EXISTING CIRCUIT BREAKERS BEING RELOCATED IN EXISTING SPACE SHALL BE RELOCATED AS TO ONLY REQUIRE SURFACING AND RELOCATION OF EXISTING FEEDER CONDUITS. CONTRACTOR SHALL VERIFY ALL RELOCATION OF EXISTING FEEDER CONDUITS. CONTRACTOR SHALL VERIFY ALL RELOCATION OF EXISTING FEEDER CONDUITS.
- NEW 400V CIRCUIT BREAKER (CB) 1000 KVAH OF 114V 1140/0 GROUND IN EACH PER PLAN.
- RELOCATE EXISTING 400V DISTRIBUTION PANEL (DP) IN PLACE WITH NEW 200V/200V 3 PHASE 4W 2500V DISTRIBUTION PANEL. PER SPECIFICATIONS AND INSTALLED PER 2E3. PROVIDE EXISTING AND NEW CIRCUIT BREAKERS AND CONDUITS TO NEW DISTRIBUTION PANEL. DP CIRCUIT BREAKERS AS SHOWN. CONTRACTOR SHALL VERIFY ALL RELOCATION OF EXISTING FEEDER CONDUITS. CONTRACTOR SHALL VERIFY ALL RELOCATION OF EXISTING FEEDER CONDUITS.
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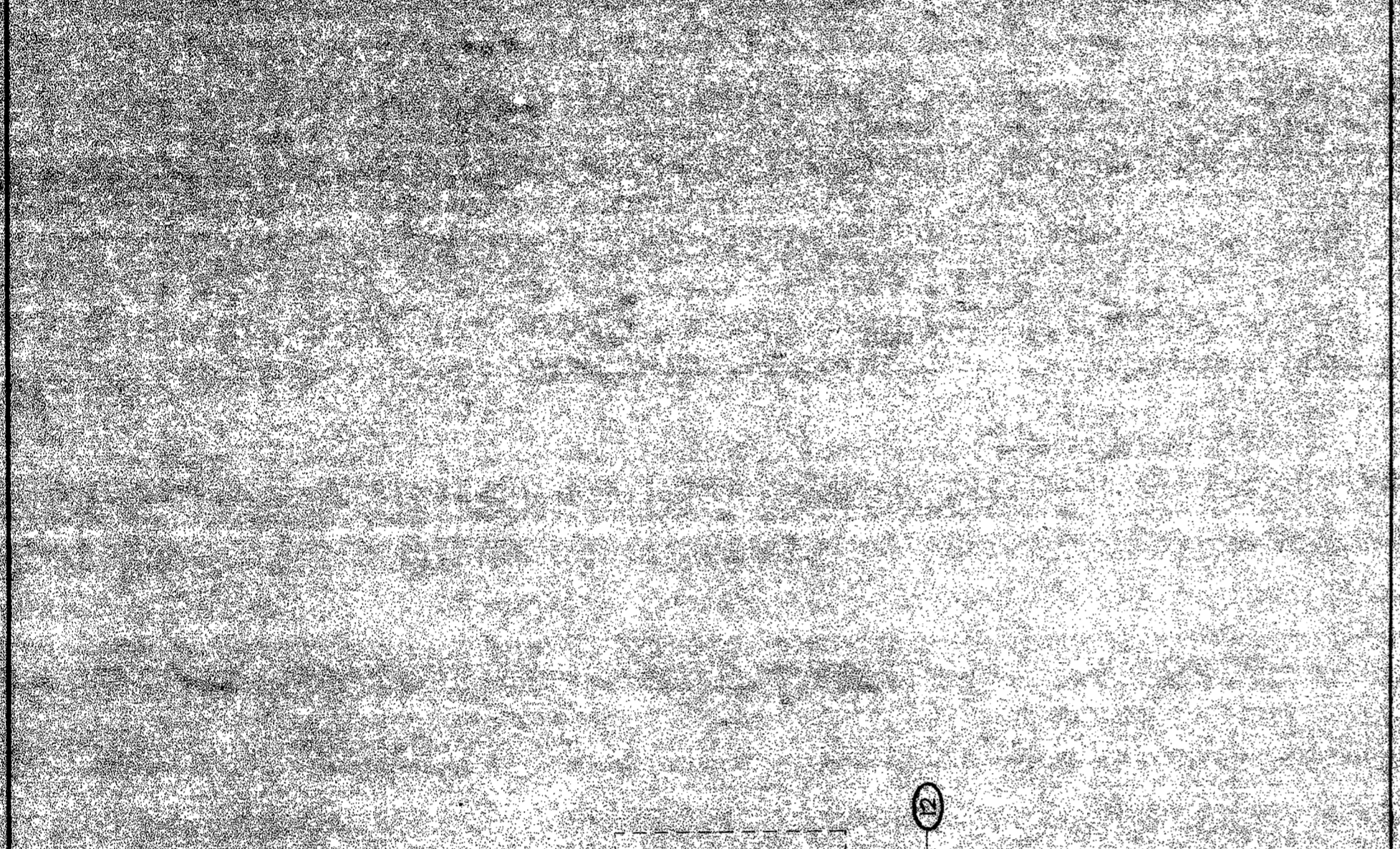
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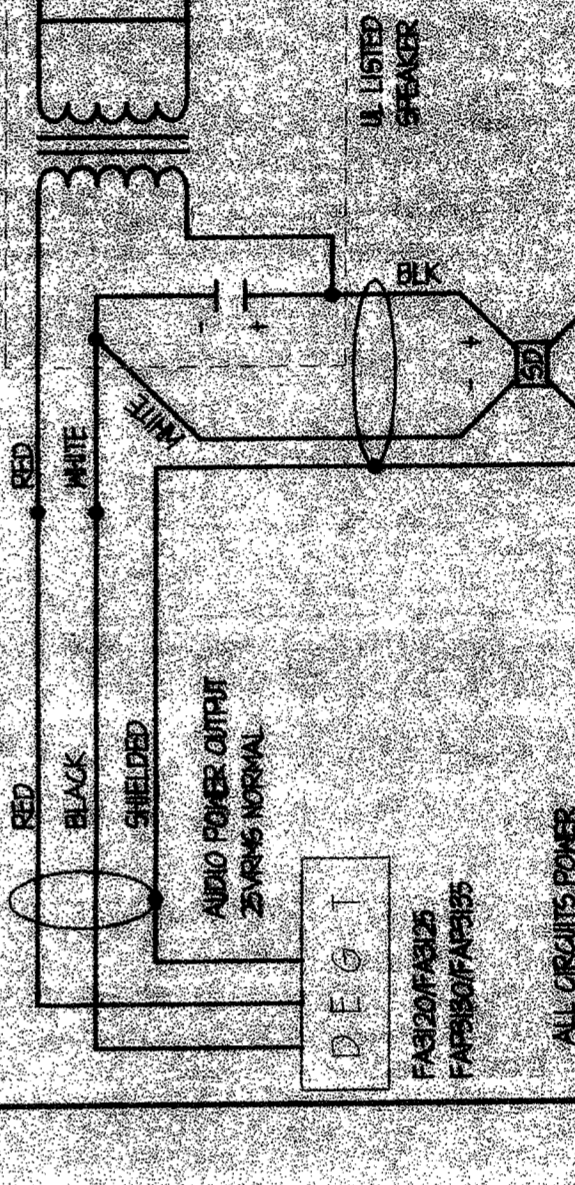
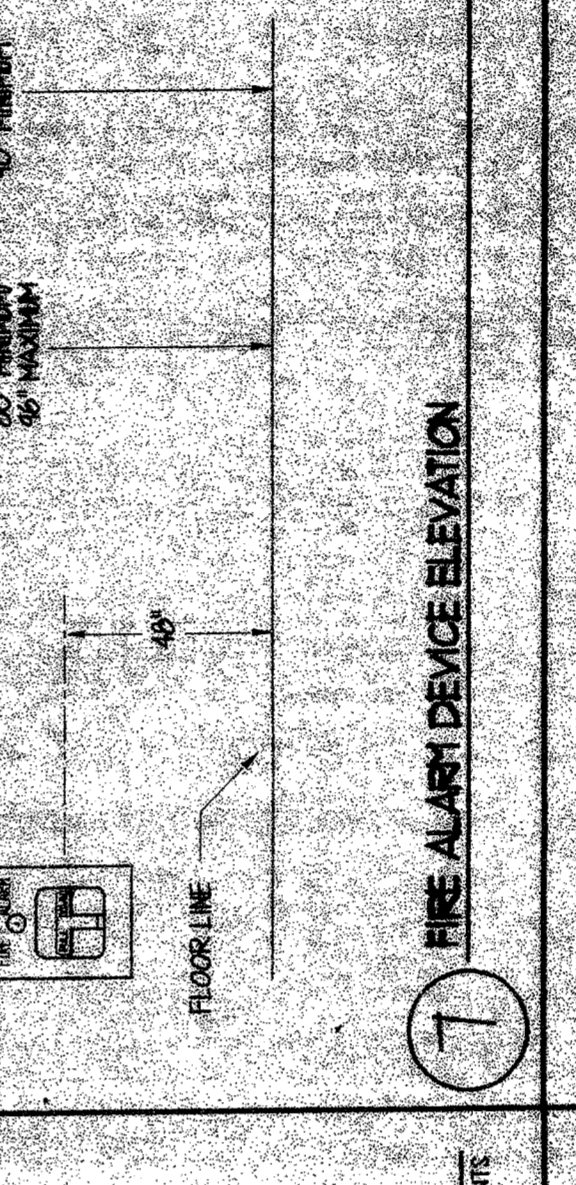
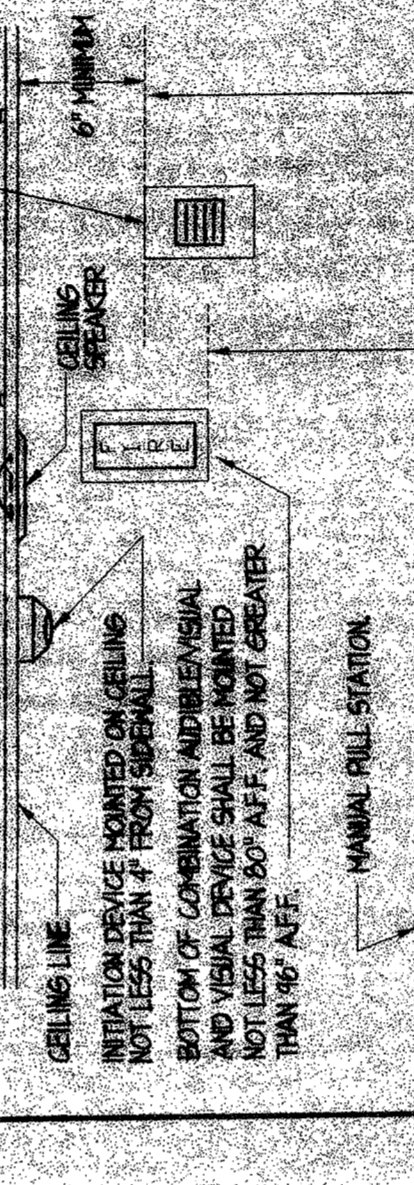
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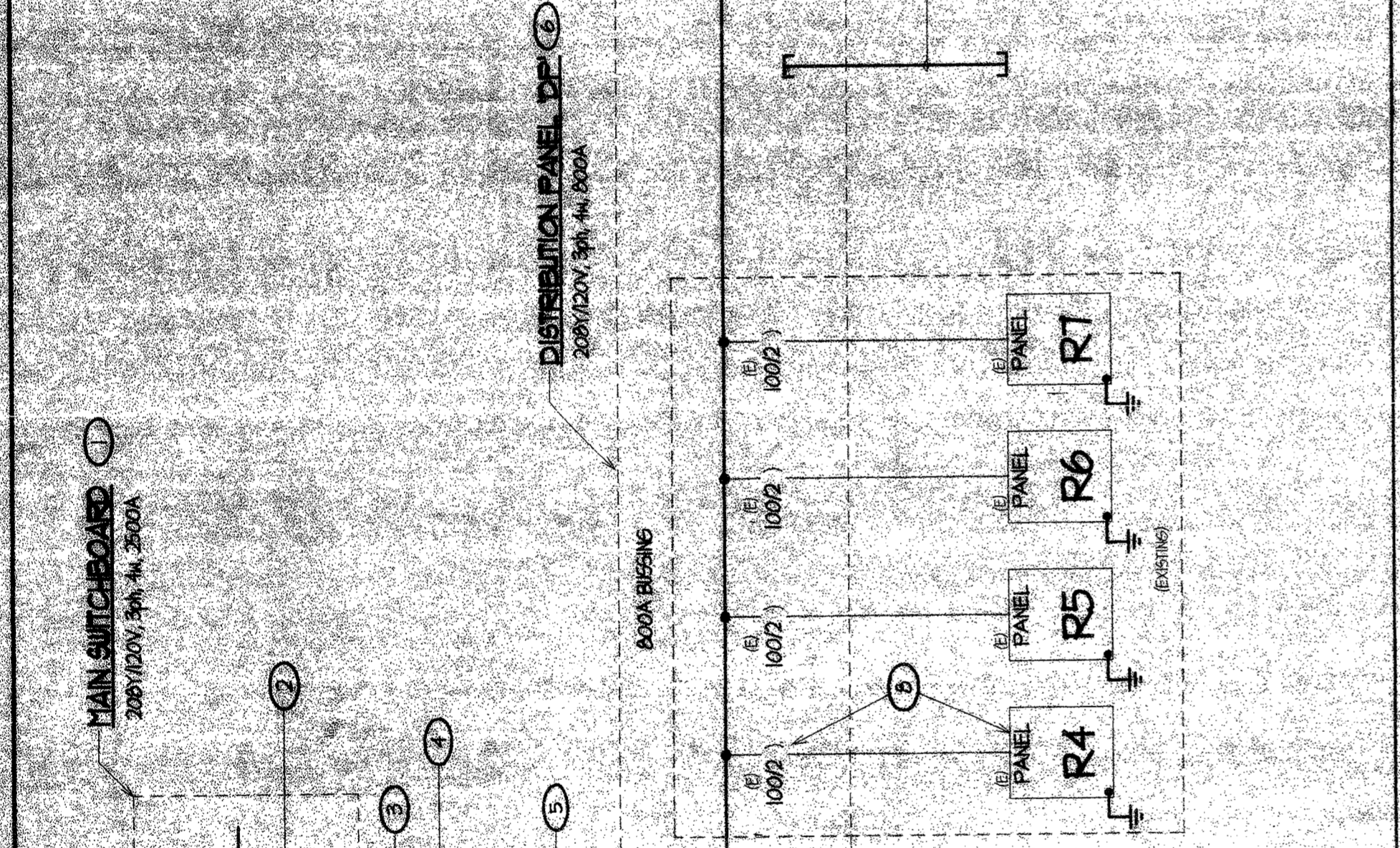
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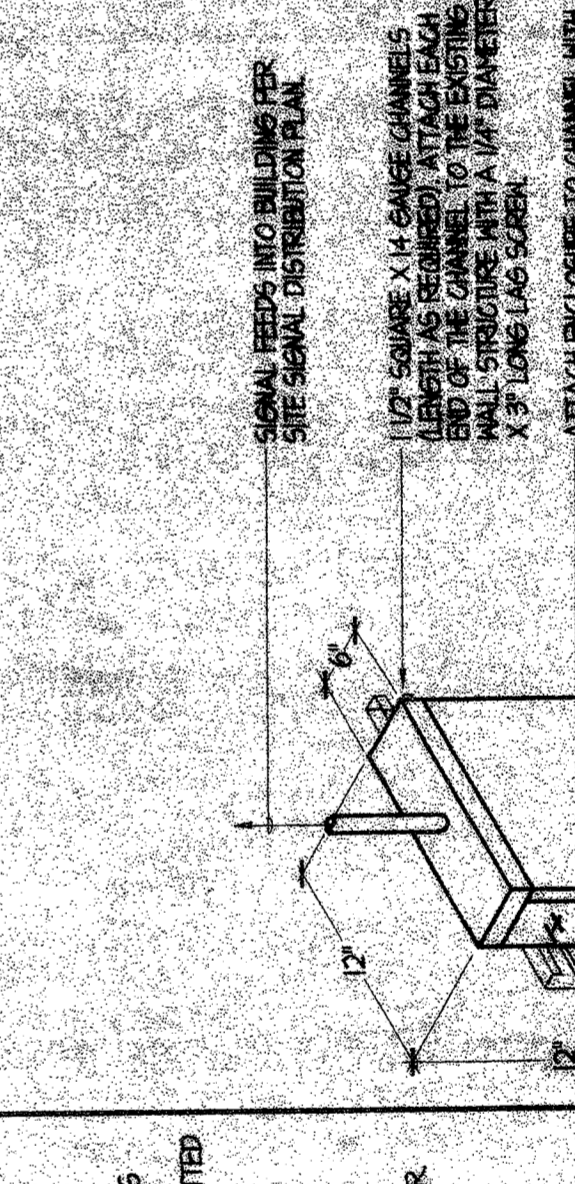
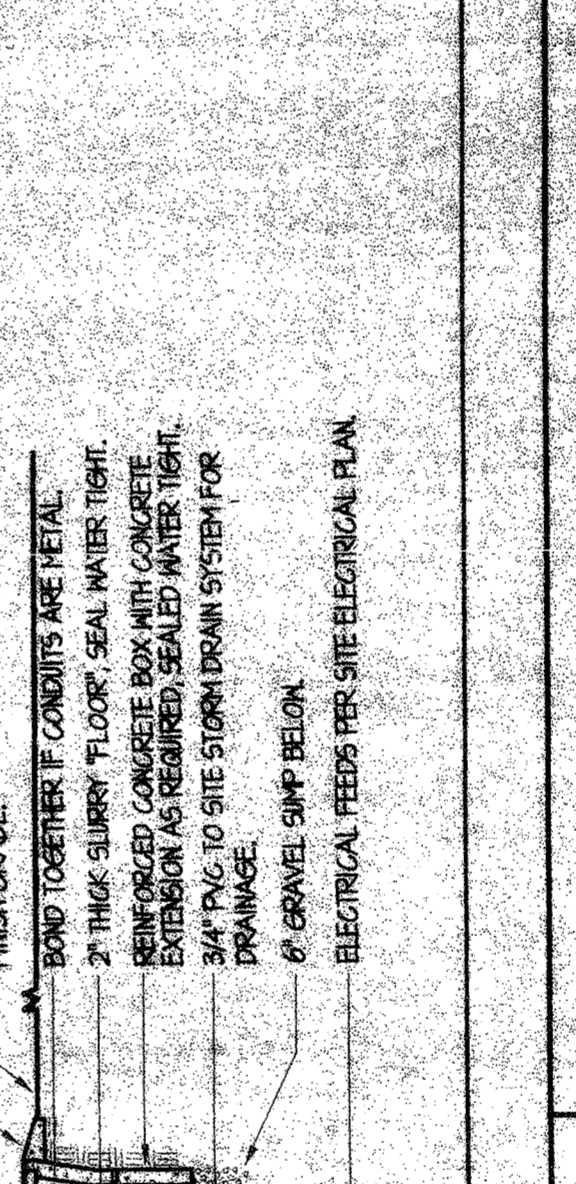
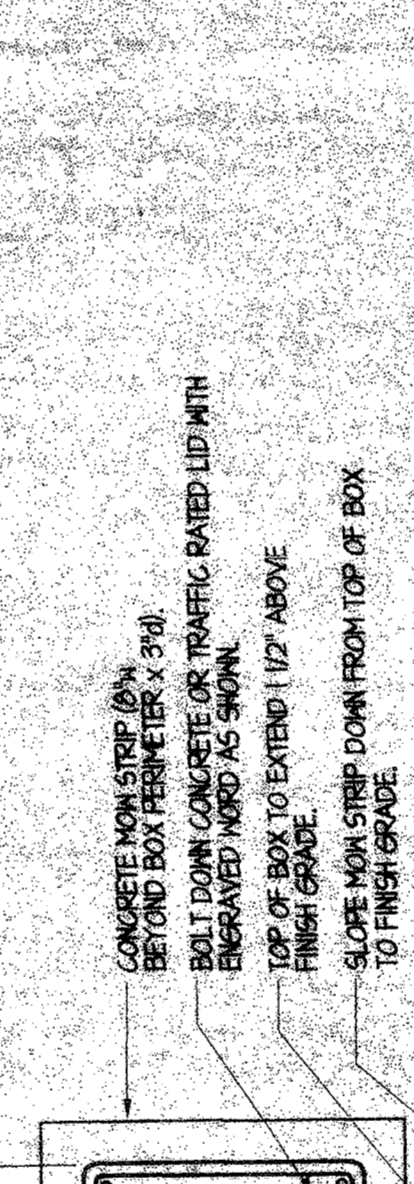
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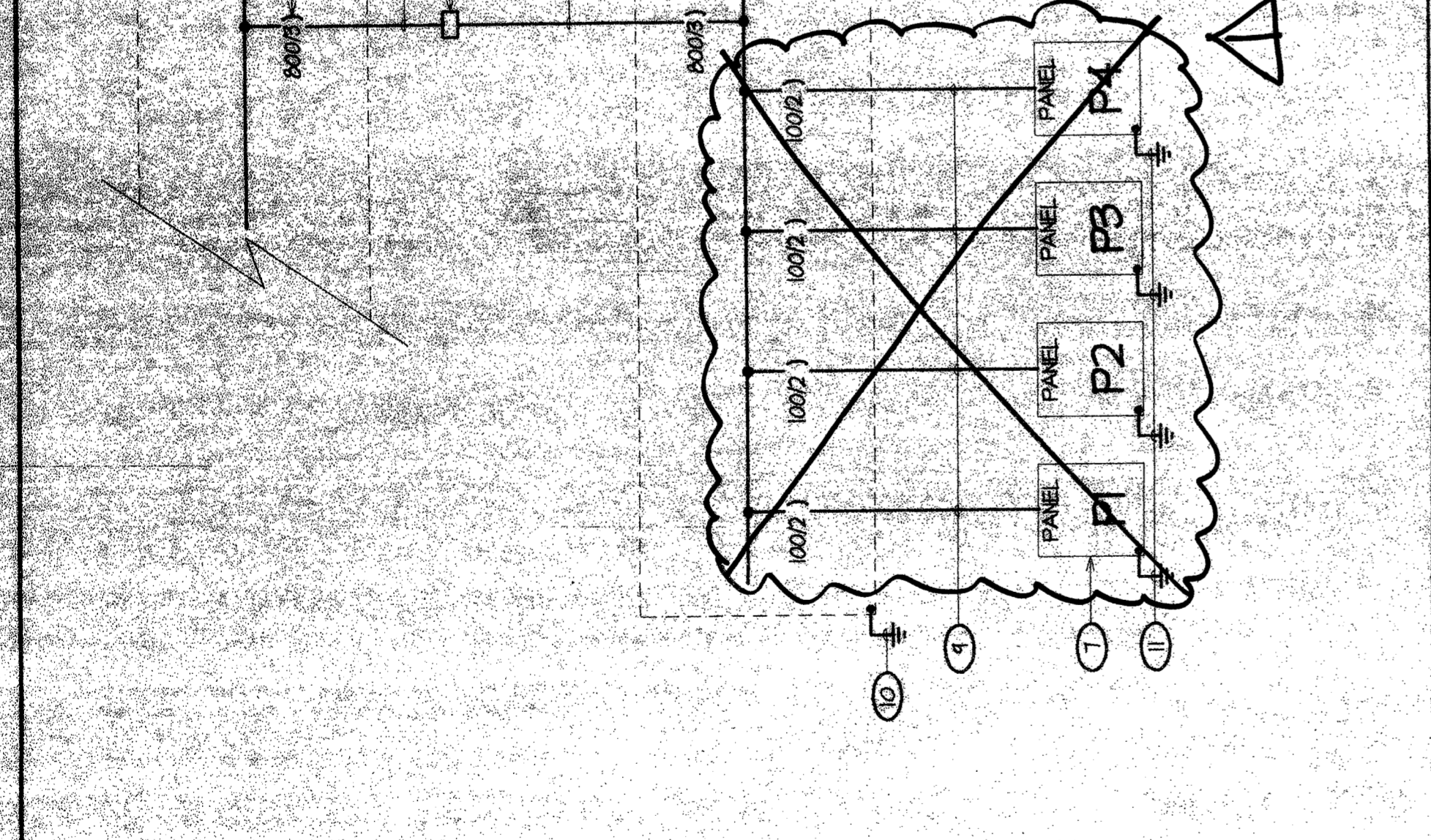
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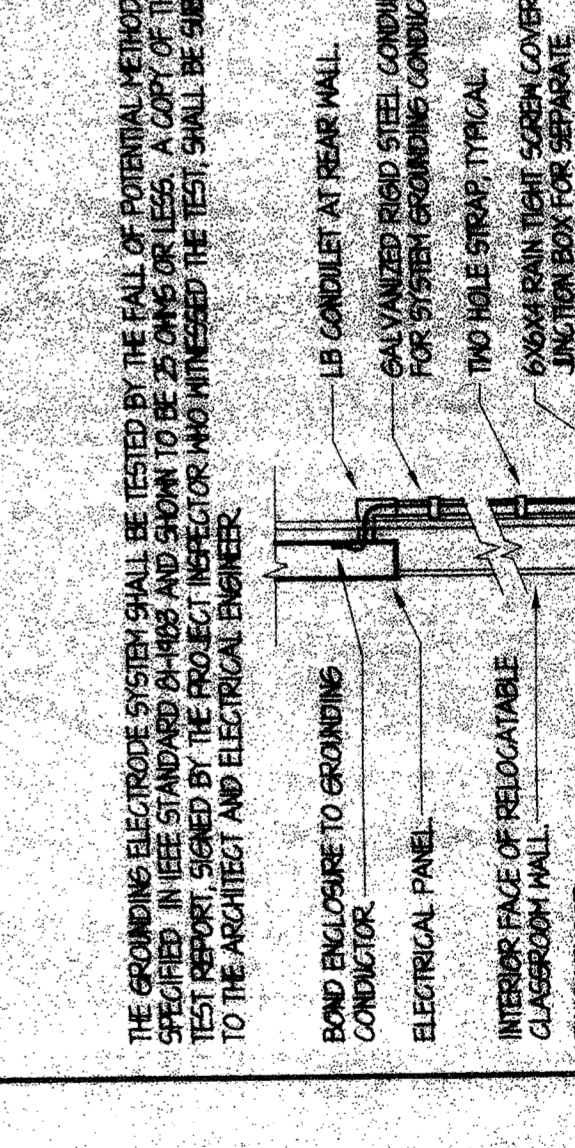
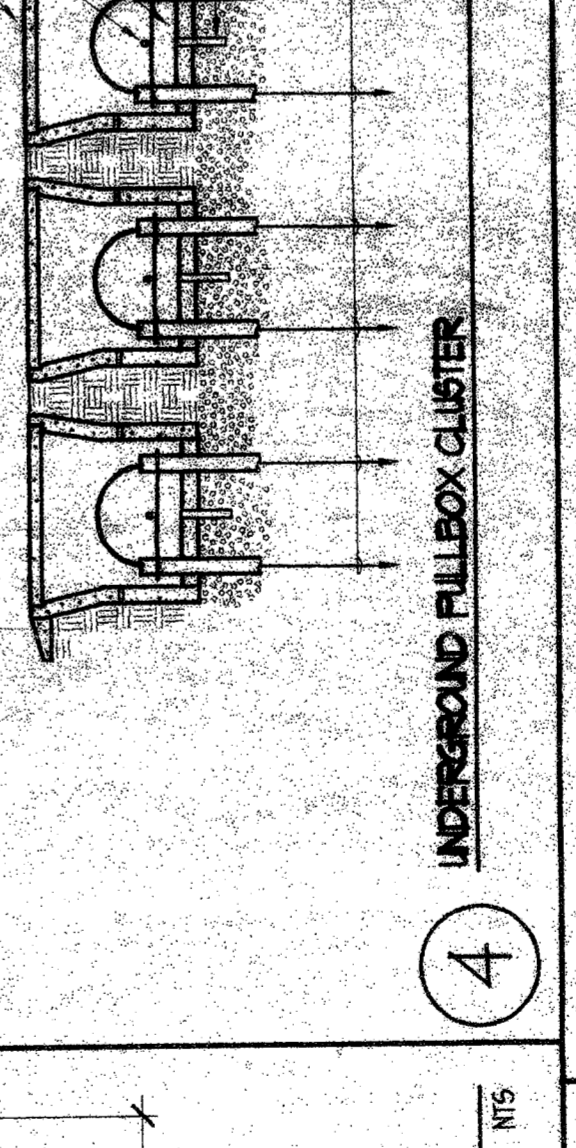
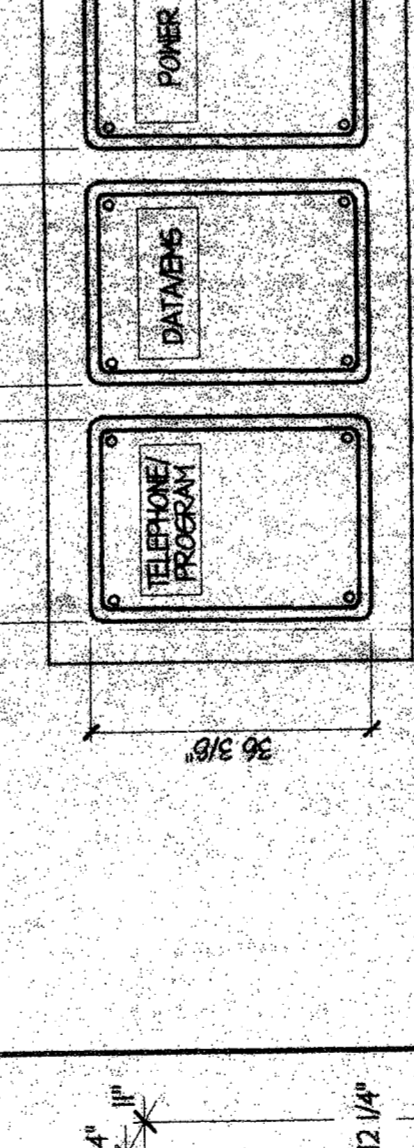
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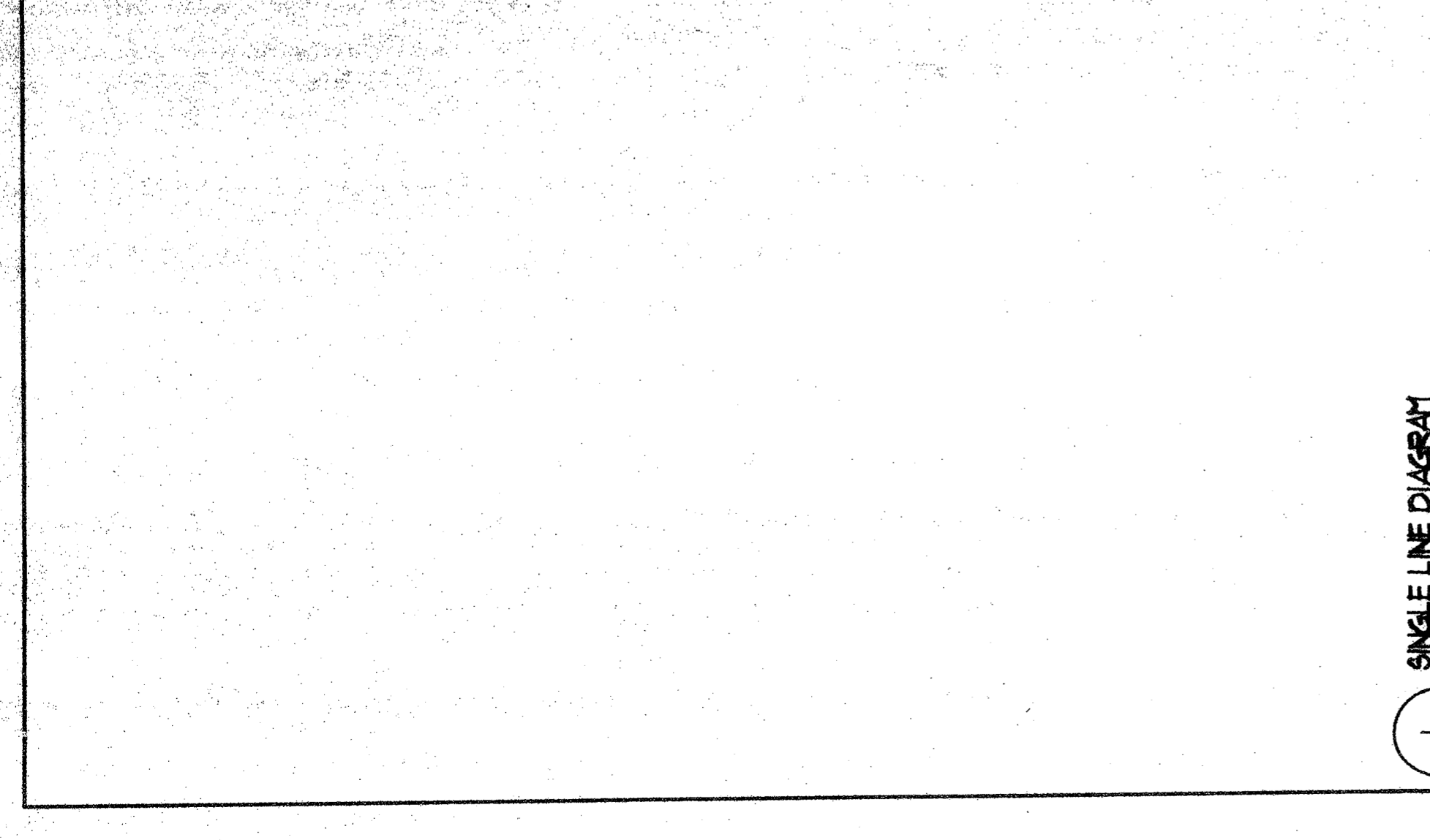
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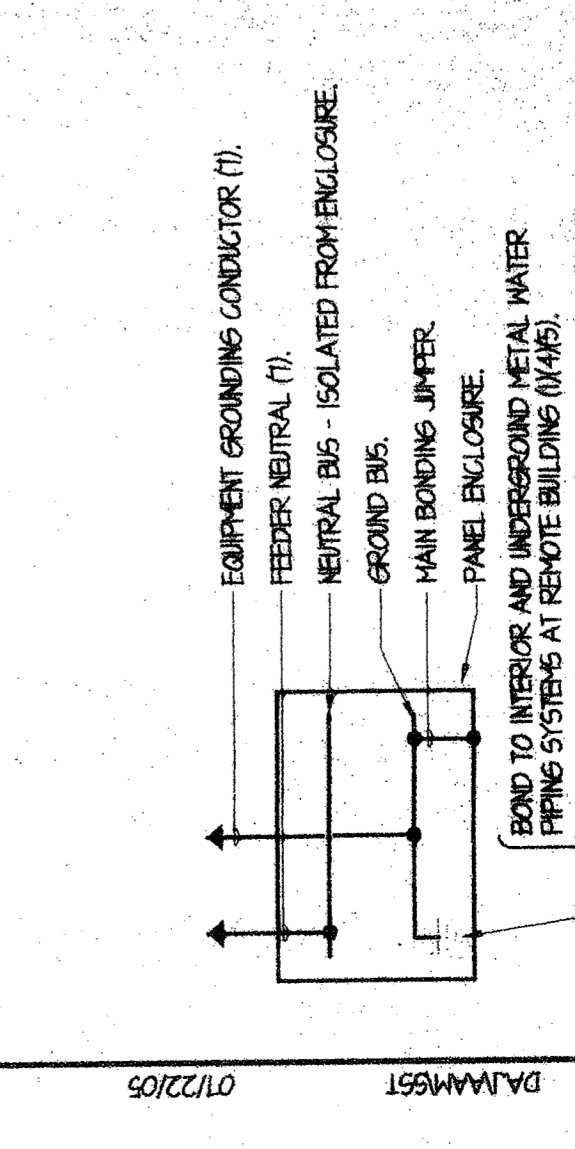
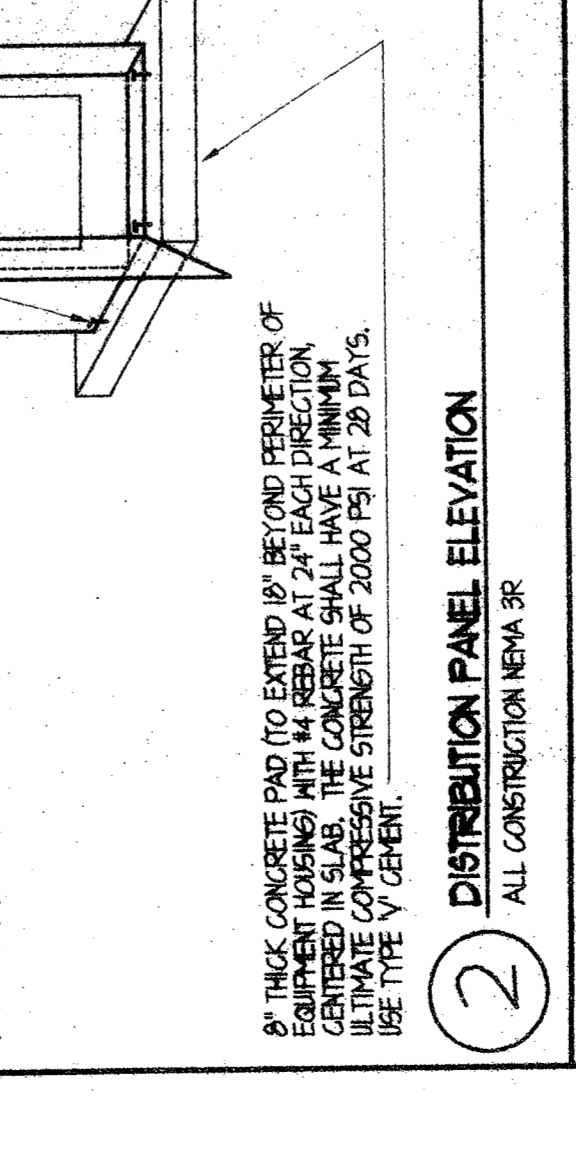
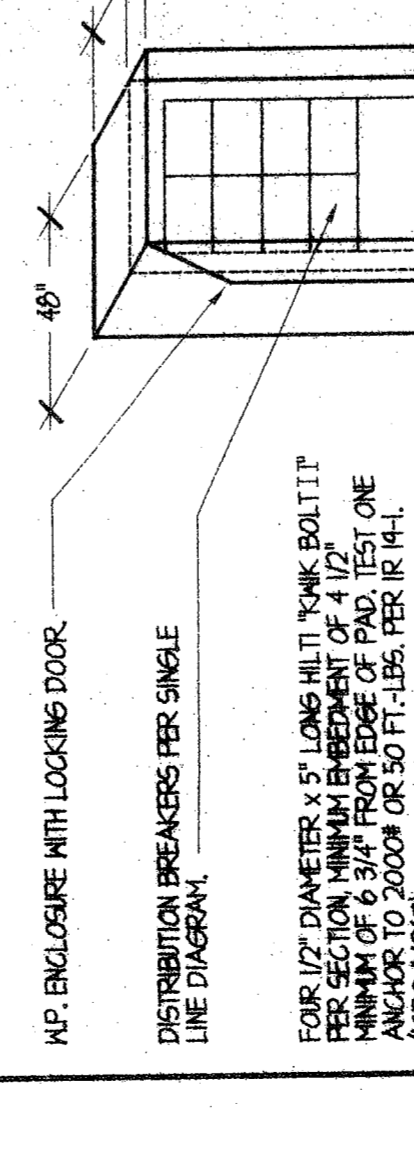
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I - PRODUCTS

GENERAL

ALL MATERIALS, APPLIANCES, AND EQUIPMENT EXCEPT THAT FINISHED BY THE OWNER SHALL BE NEW UNLESS SPECIFIED OTHERWISE BY THE ARCHITECT. THIS SHALL APPLY TO ALL PARTS OF THE WORK WHETHER OR NOT THIS PARTICULAR PARAGRAPH IS REFERRED TO BY NUMBER.

ALL APPLIANCES, CONDUIT SYSTEMS, ETC., SHALL BE INSTALLED AND INTERCONNECTED SO AS TO FORM COMPLETE SYSTEMS AS HEREIN SPECIFIED AND/OR SHOWN ON ALL THE ACCOMPANYING DRAWINGS. THE CONTRACTOR SHALL FINISH AND INSTALL ALL WORK NECESSARY TO MAKE COMPLETE WORKING SYSTEMS EXCEPTING ONLY THOSE PORTIONS THAT ARE SPECIFICALLY MENTIONED TO BE OBTAINED FROM ANOTHER CONTRACTING ORGANIZATION AS BEING FINISHED BY OTHER CONTRACTORS.

RAZEWAYS AND FITTINGS

SHALL BE AS MANUFACTURED BY TRIANGLE CONDUIT AND CABLE COMPANY, ALLED TUBE COMPANY, AND CONDUIT CORPORATION, AMERICAN FLEXIBLE CONDUIT COMPANY, CAROL CABLE COMPANY, INC., MENDLAND TUBE COMPANY, CARLON ELECTRICAL PRODUCTS OR APPROVED EQUAL.

GALVANIZED RIGID STEEL CONDUITS (RSC) - MAY BE USED IN ALL LOCATIONS. FOR UNDERGROUND RINGS IN DIRECT CONTACT WITH EARTH, CONDUIT SHALL BE FACTORY WRAPPED WITH PVC TAPE OR SHALL HAVE FACTORY APPLIED PVC COATING.

GALVANIZED INTERMEDIATE METALLIC CONDUIT (IMC) - MAY BE USED IN INDOOR LOCATIONS NOT IN DIRECT CONTACT WITH EARTH.

GALVANIZED ELECTRICAL METALLIC TUBING (EMT) - MAY BE USED IN INDOOR DRY LOCATIONS IN WHICH IT IS:

- NOT SUBJECT TO PHYSICAL DAMAGE;
- NOT IN DIRECT CONTACT WITH EARTH;
- NOT IN CONTACT WITH WATER;
- NOT IN CONTACT WITH ALKALINE SOLUTIONS;
- NOT IN CONTACT WITH ACIDIC SOLUTIONS.

NON-METALLIC RIGID CONDUIT SHALL BE PVC SCHEDULE 40 AND MAY BE USED FOR UNDERGROUND, BELOW CONCRETE SLAB ON GRADE, IN CONCRETE SLAB ON FLOORS ABOVE GRADE, IN MASONRY WALLS, NOT IN SAME MASONRY CELLS AS THE BUILDING STRUCTURAL REINFORCEMENT STEEL.

FLEXIBLE STEEL CONDUIT MAY BE USED IN DRY LOCATIONS TO FACILITATE WORKING IN TIGHT LOCATIONS WHEN APPROVED BY THE ENGINEER.

LIGHT-TIGHT FLEXIBLE STEEL CONDUIT SHALL BE USED IN OUTDOOR OR NET LOCATIONS FOR FINAL CONNECTIONS.

FITTINGS

SHALL BE TREATED TYPE ONLY FOR RIGID AND INTERMEDIATE STEEL CONDUITS.

FOR ELECTRICAL METALLIC TUBING (EMT), FITTINGS SHALL BE:

- SET-GREEN WITH STEEL HOUSING OR COMPRESSION TYPE FOR SIZES 1/2" THROUGH 1", IN DRY LOCATIONS;
- COMPRESSION TYPE FOR SIZES LARGER THAN 1" OR IN WET LOCATIONS.

FOR NON-METALLIC CONDUITS AND TUBINGS:

FITTINGS SHALL BE PVC TYPE. USE PVC ADAPTERS AT ALL BOXES AND PANEL BOARDS. BUSH APPLY PVC GERT.

ALL PVC COMPONENTS (CONDUITS, FITTINGS, GERT) SHALL BE OF SAME MANUFACTURER.

FLEXIBLE METALLIC CONDUITS - COMPRESSION TYPE.

LIQUID-TIGHT FLEXIBLE METALLIC CONDUITS - LIQUID-TIGHT, COMPRESSION TYPE.

USE OF THE FOLLOWING IS PROHIBITED:

- CONDUIT, TAP-ON, WIRE-TIE, TYPE FITTINGS;
- SPRAY (AEROSOL) PVC GERT;
- ENT CONDUIT AND FITTINGS.

PULL BOXES

PULL BOXES SHALL MEET ALL CODE REQUIREMENTS AS TO SIZE FOR CONDUITS TERMINATING THEREIN AND TO THICKNESS OF MATERIAL USED IN FABRICATION.

FABRICATED SHEET STEEL PULL BOXES SHALL BE INSTALLED ONLY IN DRY, PROTECTED LOCATIONS AND SHALL BE FINISHED WITH AN INDOOR FINISH AND REMOVEABLE COVER. BOXES SHALL BE FINISHED WITH ONE COAT OF PRIMER AND FINISHED WITH TWO COATS OF PREFERRED TO PULVIC VERA SHALL BE PAINTED TO MATCH THE SURROUNDING SURFACE.

WEATHERPROOF SHEET STEEL PULL BOXES SHALL BE FABRICATED OF GAGE GAUGE GALVANIZED SHEET STEEL WITH TWO COATS OF BEST RESISTANT FINISH AND SHALL BE FINISHED WITH GASKET AND MADE COMPLETELY WEATHERTIGHT.

APPROVED MANUFACTURERS FOR PULL BOXES ARE CIRCLE AN, GROVE, HINES, RACO INDUSTRIES, STEEL CITY OR EQUAL.

WEATHERPROOF UNDERGROUND CONCRETE PULL BOXES, JOINT BOXES AND TELEDRAE BOXES SHALL BE MANUFACTURED ORIGINALLY WITH INDOOR FINISH. ASSOCIATED CONDUITS SHALL BE INSTALLED WITH PROTECTIVE UNDERGROUND PRODUCTS OR EQUAL. COVER SHALL HAVE IDENTIFYING NUMBER, "SERIAL", "TYPE", "DATE", "Diameter", "HIGH TO CLEARANCE", "Etc." AND BE EASILY REMOVED FOR CALL TRANS DRAWING ES-8 MINIMUM HERE PULL BOX OCCURS IN VEHICULAR TRAFFIC AREAS.

OUTLETS

ALL OUTLET BOXES SHALL BE STANDARD ONE OR TWO PIECE GALVANIZED KNOCK-OUT OUTLET BOXES, NATIONAL STEEL CITY, APFLETON BOWERS OR APPROVED EQUAL.

ALL OUTLET BOX COVERS, RINGS OR OTHER FITTINGS SHALL BE STANDARD GALVANIZED NATIONAL STEEL CITY, APFLETON BOWERS OR APPROVED EQUAL.

NO OUTLET BOX SHALL BE SMALLER THAN FOUR INCHES (4") SQUARE AND 1 1/2" IN DEPTH. CONCRETE BLOCK CONSTRUCTION FOR THESE BOXES CONCRETE BLOCK BOXES ARE APPROVED.

ALL SPECIAL OUTLETS SHALL BE AS HEREINAFTER SPECIFIED OR AS SHOWN ON DRAWINGS.

ANY UNSEEN BOXES SHALL BE EQUIPPED WITH A COVER PLATE.

PANEL BOARDS

THE PANEL BOARDS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SET UP BY THE MANUFACTURER. THE PANEL BOARD SHALL BE CONFINED TO A SINGLE "Y" OR "W" OR APPROVED EQUAL, AND SHALL CONTAIN THE NUMBER AND TYPE OF CIRCUIT BREAKERS AS INDICATED ON THE DRAWINGS.

WHERE SHOWN ON THE DRAWINGS, PANEL BOARDS SHALL BE PROVIDED WITH AN INTEGRAL MAIN CIRCUIT BREAKER COMPLYING WITH OVERCURRENT DEVICE SECTION OF ALL SPECIFICATION SIZES AS INDICATED ON THE DRAWINGS.

THE PANEL BOARDS SHALL BE EQUIPPED WITH BROWNE DISTRIBUTION CIRCUIT BREAKERS PER THE OVERCURRENT SECTION OF THIS SPECIFICATION.

THE PANEL BOARDS SHALL BE EQUIPPED WITH HINGED DOORS PLATE FRONT, TYPE WRITTEN CIRCUIT BREAKERS. IN EXTERIOR LOCATIONS, PROVIDE A VENT, AIR RATED, TYPE WRITTEN FINISH SHALL BE STAINLESS STEEL. KEY AS DIRECTED BY ARCHITECT.

SEVEN COPIES OF DETAILED CONSTRUCTION DRAWINGS FOR THE PANEL BOARDS AND TERMINAL CABINETS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL BEFORE THEIR CONSTRUCTION IS STARTED.

OVERCURRENT DEVICES

MAIN PROTECTIVE DEVICE SHALL BE CIRCUIT BREAKER WITH INTERRUPTING RATING, FRAME AND TRIP RATINGS AS SHOWN ON THE DRAWINGS.

FEDDER PROTECTIVE DEVICES AS SHOWN SHALL BE MOLDED CASE CIRCUIT BREAKERS PROVIDING COMPLETE CIRCUIT OVERCURRENT PROTECTION BY HAVING INVERSE TIME AND INSTANTANEOUS TRIPPING CHARACTERISTICS, AND THESE APPLICABLE BE CURRENT LIMITING.

CIRCUIT BREAKERS SHALL BE OPERATED BY A TOGGLE TYPE HANDLE AND SHALL HAVE A GEAR-DRIVE, QUICK RESET OVER CURRENT PROTECTION. HANDLE SHALL BE MECHANICALLY LOCKED TO THE TRIP POSITION. THE BREAKER SHALL BE CLEARLY INDICATED BY HANDLE POSITION ON CONTACTS SHALL BE NON-MELTING SILVER ALLOY AND ARC EXTINCTION SHALL BE ACCOMPLISHED BY MEANS OF DESION ARC CATHODES.

CIRCUIT BREAKER INTERRUPTING CAPACITIES SHALL BE AS INDICATED ON THE DRAWINGS OR AS SPECIFIED HEREINAFTER. THESE APPLICABLE, CIRCUIT BREAKERS SHALL BE LISTED FOR SPECIFIC APPLICATION.

ALL CIRCUIT BREAKERS IN MAIN SWITCHBOARD SHALL HAVE SHORT CIRCUIT CURRENT INTERRUPTING CAPACITY EXCEEDING THE MAXIMUM AVAILABLE AT SERVICE TRANSFORMER. CONTRACTOR SHALL VERIFY AND DOCUMENT EXACT REQUIREMENTS.

STANDARD TWO AND THREE POLE CIRCUIT BREAKERS SHALL BE LISTED AS HIGHER TYPE BREAKERS FOR USE WITH HEATING, VENTILATING AND AIR CONDITIONING EQUIPMENT.

ALL CIRCUIT BREAKERS LOCATED IN SEPARATE ENCLOSURES, WHETHER NEHA 1 OR NEHA 3R RATED, SHALL INCLUDE A HANDLE PADLOCK ATTACHMENT.

CONDUITS

ALL CIRCUIT BREAKERS, 100 AMPS OR MORE, SHALL BE TESTED BY AN INDEPENDENT TESTING FIRM IN ACCORDANCE WITH NETA SPECIFICATIONS AND A REPORT SUBMITTED TO THE ARCHITECT. THE CONTRACTOR SHALL PAY FOR THE COST OF THIS REQUIREMENT. ANY CIRCUIT BREAKER THAT DOES NOT PASS THE TEST SHALL BE REPLACED.

LOCATIONS

REMOVE AND/OR RELOCATE ELECTRICAL FACILITIES AS REQUIRED TO CLEAR AREAS FOR NEW CONSTRUCTION.

THE WORK AS Laid OUT IS TO SOME EXTENT DIAGNOSTIC, AND THE LOCATION THEREON INDICATED MAY BE APPROXIMATE ONLY. THE CONTRACTOR, THEREFORE, SHALL INSTALL ALL THE EQUIPMENT, APPARATUS, CONDUIT RINGS AND THE LIKE AS FOLLOWS:

ADHERE TO THE LOCATION INDICATED AS FAR AS POSSIBLE.

MAINTAIN AMPLE HEAD ROOM IN ALL ROOMS AND PASSAGEWAYS. CLEARANCE AROUND ALL APPARATUS AND EQUIPMENT AND UNDER PIPE LINES FOR UNIMPEDED PASSAGE AND FOR EAST SERVICING OF ALL APPARATUS, EQUIPMENT, DEVICES AND THE LIKE.

VERIFY THE EXACT LOCATIONS OF ALL APPARATUS OR DEVICES AS INDICATED ON THE DRAWINGS. IN THE EVENT THESE DRAWINGS DO NOT SUFFICIENTLY INDICATE THE LOCATIONS FOR ALL SUCH APPARATUS OR DEVICES, THE CONTRACTOR SHALL OBTAIN THE EXACT LOCATIONS FROM THE ARCHITECT.

VERIFY THE LOCATION INDICATED AS FAR AS POSSIBLE.

VERIFICATION OF DIMENSIONS

THE CONTRACTOR SHALL, AS WORK PROGRESSES, VERIFY THE DIMENSIONS OF THE SPACES AVAILABLE FOR THE INSTALLATION OF THE WORK AND THE SMALL ASSUME FULL RESPONSIBILITY FOR THE PROPER LOCATIONS AND GRADING OF EACH PORTION THEREOF.

WHERE THE WORK REQUIRES CONNECTIONS TO BE MADE TO EQUIPMENT THAT IS FINISHED AND SET IN PLACE BY OTHERS, THE CONTRACTOR SHALL OBTAIN EXACT DIMENSIONS FROM THE MANUFACTURER OF SUCH EQUIPMENT AND SHALL INSTALL THE CONNECTIONS IN A NEAT AND WORKMANLIKE MANNER.

PRELIMINARY OPERATION

SHALL BE UNDER THE DIRECTION OF THE ARCHITECT. THE CONTRACTOR SHALL, AT ALL TIMES, MAINTAIN OPERATION OR PAYMENT THEREFOR SHALL NOT BE CONSIDERED AS AN APPROVANCE OF ANY OF THE WORK UNDER THE CONTRACT. THE ARCHITECT SHALL APPROVE ANY EXPENSE INCURRED BY THE CONTRACTOR BEFORE PAYMENT BY THE OWNER.

ACCESS OPENINGS

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE SUFFICIENT AND CONVENIENT ACCESS OPENINGS, PANELS, ETC., IN THE BUILDING CONSTRUCTION WHERE REQUIRED FOR THE MAINTENANCE, OPERATION, REPAIR AND REMOVAL OF ALL ELECTRICAL EQUIPMENT, OR OTHER ITEMS OF THE VARIOUS SYSTEMS AND EQUIPMENT.

CUTTING AND PATCHING

THE CONTRACTOR SHALL DO ALL CUTTING AND PATCHING OF THE WORK FOR THE INSTALLATION OF THE EQUIPMENT AND MATERIALS AS APPROVED BY THE ARCHITECT AND/OR ENGINEER. ALL PATCHING SHALL ACCURATELY MATCH THE ADJOINING WORK.

FOUNDATIONS AND SUPPORTS

THE CONTRACTOR SHALL PROVIDE ALL FOUNDATIONS, SUPPORTS AND HANGERS ETC., AS REQUIRED TO INSTALL THE EQUIPMENT AS SPECIFIED OR SHOWN ON THE DRAWINGS. ALL EQUIPMENT SHALL BE SUPPORTED BRACED AND GROSS-BRACED IN SUCH MANNER AS TO PREVENT SHOCK AND/OR LATERAL MOVEMENT.

EXCAVATION AND BACKFILLING

EXCAVATING REQUIRED FOR THE INSTALLATION OF THE WORK SHALL BE DONE BY THIS CONTRACTOR WITHIN THE SPECIFICATIONS AND SHALL BE CHECKED BY THE CONTRACTOR FOR EACH LOCATION. ALL EXCAVATIONS SHALL BE COMPLETED WITHIN THE SPECIFIED PERIOD OF TIME FROM DATE OF ACCEPTANCE OF THE WORK. DUE TO INTERIOR OR FAULTY MATERIAL AND/OR WORKMANSHIP, THE WORK SHALL BE CORRECTED AND MATERIAL AND EQUIPMENT REPLACED BY THE CONTRACTOR WITHOUT EXPENSE TO THE OWNER.

MATERIAL SPECIFICATIONS

INSTALL ROOF ACCESS FOR THE CONSTRUCTION IN ACCORDANCE WITH OTHER SECTIONS OF THE PROJECT SPECIFICATIONS.

THE MAXIMUM ALLOWED LENGTH OF FLEX CONDUIT AT EQUIPMENT CONNECTIONS IS 10' EXPANSION JOINTS FOR CONDUIT SHALL BE PROVIDED WHERE REQUIRED TO COMPENSATE FOR THERMAL EXPANSION AND CONTRACTION.

NO CONDUIT SMALLER THAN 1/2" INCH ELECTRICAL TRADE SIZE SHALL BE USED.

SUPPORT CONDUITS ON ROOF ON 2" X 4" REDWOOD BLOOMS SPACED 5' FT. APART AND SET IN MORTAR.

GUARANTEE AND TESTS

ALL ELECTRICAL EQUIPMENT TESTING AND RELATED COSTS SHALL BE INCLUDED IN THE CONTRACTORS BID.

EQUIPMENT OF ALL KINDS INSTALLED BY THE CONTRACTOR SHALL BE TESTED TO DETERMINE WHETHER IT FULFILLS THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS. TESTING SHALL BE CONDUCTED IN THE PRESENCE OF THE ARCHITECT AND THE CONTRACTOR SHALL RESTORE ALL CONNECTIONS, APPARATUS, ETC., TO THEIR ORIGINAL CONDITION.

ALL CIRCUIT BREAKERS, 100 AMPS OR MORE, SHALL BE TESTED BY AN INDEPENDENT TESTING FIRM IN ACCORDANCE WITH NETA SPECIFICATIONS AND A REPORT SUBMITTED TO THE ARCHITECT. ANY CIRCUIT BREAKER THAT DOES NOT PASS THE TEST SHALL BE REPLACED.

THE ENTIRE INSTALLATION SHALL BE FREE FROM SHORT CIRCUITS AND INTERFERER SCHEMES. PANELS AND ASSOCIATED CIRCUITS INSTALLED SHALL BE PROTECTED FROM THE FEEDER AND/OR OVERCURRENT DEVICE INSTALLED FROM THE FEEDER.

SWITCHES OR OVERCURRENT DEVICES PROVIDED OR OBTAINED FROM THE PANEL WITH THE EQUIPMENT LOCATED FOR PROPER OPERATION. GROUND TESTS SHALL MEET THE REQUIREMENTS OF THE CALIFORNIA ELECTRICAL CODE. UPON COMPLETION OF THE WORK, A FINAL INSPECTION OF THE ARCHITECT AND OTHER INTERESTED AUTHORITIES SHALL BE CONDUCTED. THE CONTRACTOR SHALL GUARANTEE TO REPAIR OR REPLACE AT HIS EXPENSE ANY MATERIAL OR EQUIPMENT THAT DEVELOPS DEFECTS OR IS DETERMINED NOT TO BE IN CONFORMANCE WITH THE PLANS AND SPECIFICATIONS, DURING A PERIOD OF ONE YEAR AFTER WORK IS ACCEPTED BY THE OWNER.

SHOULD ANY DEFECTS OR MATERIALS OR WORK FALL IN ANY OF THESE CATEGORIES, THE CONTRACTOR SHALL REPAIR, REPLACE AND BE RESPONSIBLE FOR THE COST OF THE CONTRACTOR AT HIS EXPENSE AND THE PORTION OF THE WORK BEING REPLACED BY THE CONTRACTOR.

THE INDEPENDENT TESTING AGENCY PERFORMING THE ABOVE MENTIONED TESTS SHALL BE NETA OR NICET CERTIFIED. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ARCHITECT OF THE PROPOSED INDEPENDENT TESTING FIRM BEFORE ANY TESTING IS STARTED.

REVOLUTION

REMOVE AND/OR RELOCATE ELECTRICAL FACILITIES AS REQUIRED TO CLEAR AREAS FOR NEW CONSTRUCTION.

LOCATIONS

REMOVE AND/OR RELOCATE ELECTRICAL FACILITIES AS REQUIRED TO CLEAR AREAS FOR NEW CONSTRUCTION.

THE WORK AS Laid OUT IS TO SOME EXTENT DIAGNOSTIC, AND THE LOCATION THEREON INDICATED MAY BE APPROXIMATE ONLY. THE CONTRACTOR, THEREFORE, SHALL INSTALL ALL THE EQUIPMENT, APPARATUS, CONDUIT RINGS AND THE LIKE AS FOLLOWS:

ADHERE TO THE LOCATION INDICATED AS FAR AS POSSIBLE.

MAINTAIN AMPLE HEAD ROOM IN ALL ROOMS AND PASSAGEWAYS. CLEARANCE AROUND ALL APPARATUS AND EQUIPMENT AND UNDER PIPE LINES FOR UNIMPEDED PASSAGE AND FOR EAST SERVICING OF ALL APPARATUS, EQUIPMENT, DEVICES AND THE LIKE.

VERIFY THE EXACT LOCATIONS OF ALL APPARATUS OR DEVICES AS INDICATED ON THE DRAWINGS. IN THE EVENT THESE DRAWINGS DO NOT SUFFICIENTLY INDICATE THE LOCATIONS FOR ALL SUCH APPARATUS OR DEVICES, THE CONTRACTOR SHALL OBTAIN THE EXACT LOCATIONS FROM THE ARCHITECT.

VERIFY THE LOCATION INDICATED AS FAR AS POSSIBLE.

VERIFICATION OF DIMENSIONS

THE CONTRACTOR SHALL, AS WORK PROGRESSES, VERIFY THE DIMENSIONS OF THE SPACES AVAILABLE FOR THE INSTALLATION OF THE WORK AND THE SMALL ASSUME FULL RESPONSIBILITY FOR THE PROPER LOCATIONS AND GRADING OF EACH PORTION THEREOF.

WHERE THE WORK REQUIRES CONNECTIONS TO BE MADE TO EQUIPMENT THAT IS FINISHED AND SET IN PLACE BY OTHERS, THE CONTRACTOR SHALL OBTAIN EXACT DIMENSIONS FROM THE MANUFACTURER OF SUCH EQUIPMENT AND SHALL INSTALL THE CONNECTIONS IN A NEAT AND WORKMANLIKE MANNER.

PRELIMINARY OPERATION

SHALL BE UNDER THE DIRECTION OF THE ARCHITECT. THE CONTRACTOR SHALL, AT ALL TIMES, MAINTAIN OPERATION OR PAYMENT THEREFOR SHALL NOT BE CONSIDERED AS AN APPROVANCE OF ANY OF THE WORK UNDER THE CONTRACT. THE ARCHITECT SHALL APPROVE ANY EXPENSE INCURRED BY THE CONTRACTOR BEFORE PAYMENT BY THE OWNER.

ACCESS OPENINGS

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE SUFFICIENT AND CONVENIENT ACCESS OPENINGS, PANELS, ETC., IN THE BUILDING CONSTRUCTION WHERE REQUIRED FOR THE MAINTENANCE, OPERATION, REPAIR AND REMOVAL OF ALL ELECTRICAL EQUIPMENT, OR OTHER ITEMS OF THE VARIOUS SYSTEMS AND EQUIPMENT.

CUTTING AND PATCHING

THE CONTRACTOR SHALL DO ALL CUTTING AND PATCHING OF THE WORK FOR THE INSTALLATION OF THE EQUIPMENT AND MATERIALS AS APPROVED BY THE ARCHITECT AND/OR ENGINEER. ALL PATCHING SHALL ACCURATELY MATCH THE ADJOINING WORK.

FOUNDATIONS AND SUPPORTS

THE CONTRACTOR SHALL PROVIDE ALL FOUNDATIONS, SUPPORTS AND HANGERS ETC., AS REQUIRED TO INSTALL THE EQUIPMENT AS SPECIFIED OR SHOWN ON THE DRAWINGS. ALL EQUIPMENT SHALL BE SUPPORTED BRACED AND GROSS-BRACED IN SUCH MANNER AS TO PREVENT SHOCK AND/OR LATERAL MOVEMENT.

EXCAVATION AND BACKFILLING

EXCAVATING REQUIRED FOR THE INSTALLATION OF THE WORK SHALL BE DONE BY THIS CONTRACTOR WITHIN THE SPECIFICATIONS AND SHALL BE CHECKED BY THE CONTRACTOR FOR EACH LOCATION. ALL EXCAVATIONS SHALL BE COMPLETED WITHIN THE SPECIFIED PERIOD OF TIME FROM DATE OF ACCEPTANCE OF THE WORK. DUE TO INTERIOR OR FAULTY MATERIAL AND/OR WORKMANSHIP, THE WORK SHALL BE CORRECTED AND MATERIAL AND EQUIPMENT REPLACED BY THE CONTRACTOR WITHOUT EXPENSE TO THE OWNER.

GENERAL

ALL INSTALLATIONS OF SPECIFIED MATERIALS MUST BE APPROVED BY THE ARCHITECT AS SHOWN IN THE GENERAL CONDITIONS.

PROVIDE ACCESS AND ALTERNATES.

THE CONTRACTOR SHALL FILE WITH THE ARCHITECT TWO (2) CERTIFIED COPIES OF ACCEPTANCE OF RELEASE PROVISIONS FOR ALL MATERIALS AND SERVICES TO BE INSTALLED BY THE CONTRACTOR. THE CONTRACTOR SHALL FILE WITH THE ARCHITECT TWO (2) CERTIFIED COPIES OF ALL PERMITS AND APPROVALS FOR ALL MATERIALS AND SERVICES TO BE INSTALLED BY THE CONTRACTOR. THE CONTRACTOR SHALL FILE WITH THE ARCHITECT TWO (2) CERTIFIED COPIES OF ALL PERMITS AND APPROVALS FOR ALL MATERIALS AND SERVICES TO BE INSTALLED BY THE CONTRACTOR.

CONDUIT

COMPACT TO DENSITY OF GSS WITHIN BUILDINGS AND EXPOSED SURFACES, EXCEPT IN TRAFFIC AREAS, PAVED AREAS, ETC., AND TO NON-BLISTERING, LONG-TERM PROTECTION COMPARABLE TO TESTING AT TOP BOTTOM AND CORNERS OF THE TRENCH DEPTH. REPAIR THESE TESTS AT THESE LOCATIONS PER FOOT OF TRENCH.

NO EXCAVATION ON OR ABOVE THE LEVEL OF GROUND SHALL BE PERMITTED TO COMPROMISE THE INTEGRITY OF THE UNDERGROUND SYSTEMS UNLESS THE CONTRACTOR SHALL HAVE BEEN ADVISED BY THE ARCHITECT.

A DETECTABLE TRACKER TAPE (RED OR YELLOW FOR POWER CONDUITS, ORANGE FOR TELECOMMUNICATIONS AND LIGHT CONDUITS) SAVING CAUTION ELECTRIC LINE BURIED BELOW SHALL BE INSTALLED OF ABOVE CONDUIT FULL LENGTH OF USE.

ELECTRICAL CONDUIT SHALL NOT BE RUN IN EXCAVATIONS PROVIDED FOR GUTTERS OR HEATING TRIPES, UNLESS SEPARATED BY A MINIMUM OF 12 INCHES.

VERIFY LOCATION OF ALL UNDERGROUND LINES WITH OWNER AND UTILITY COMPANIES BEFORE STARTING EXCAVATION.

THE CONTRACTOR SHALL, PRIOR TO ANY EXCAVATION OR TRENCHING, CONTACT UNDERGROUND ALERT SERVICES 1-800-642-2444, ADVISE THEM OF WORK SCHEDULE AND CORREL WITH THEIR RECORDS FOR UTILITIES.

CLEANING UP

THE CONTRACTOR SHALL KEEP THE PREMISES FREE FROM ACCUMULATIONS OF HIS WASTE MATERIAL OR RUBBISH AT THE COMPLETION OF THE WORK. HE SHALL REMOVE ALL HIS WASTE MATERIALS, TOOLS, SCRAPPLINGS AND SURPLUS MATERIALS FROM AND ABOUT THE BUILDINGS LEAVING THE PREMISES IN A CLEAN CONDITION.

ALL EXTERIOR SURFACES OF EXPOSED EQUIPMENT AND MATERIAL SHALL BE THOROUGHLY CLEANED OF ALL DIRT, GREASE, PLASTER AND OTHER DEBRIS, INCLUDING THE EXTERIOR SURFACES OF ALL CONDUIT, CONDUIT FITTINGS, CONDUIT HANGERS, INSULATION AND THE LIKE.

ALL SURFACES TO BE PAINTED SHALL BE CAREFULLY WIPED OR OTHERWISE CLEANED. COATS AND CORNERS SHALL BE CAREFULLY CLEANED AND ALL SPOTS REMOVED SO THAT SPACES MAY RECEIVE PAINT WITHOUT FURTHER PREPARATION.

ALL FINISHES AND PLATED MATERIALS SHALL BE THOROUGHLY CLEANED AND POLISHED.

DAMAGE BY LEAKS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO ANY PART OF THE PREMISES CAUSED BY LEAKS IN CONDUIT OR EQUIPMENT INSTALLED BY HIMSELF OR THE PROJECT BY THE OWNER.

CONDUIT

HERE EXISTING UTILITIES ARE SHOWN ON THE PLANS EXCEPT WHERE SHOWN BY THE CONTRACTOR. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY SUCH DAMAGE CAUSED BY HIS OPERATION.

THE GENERAL LOCATION AND ARRANGEMENT OF CONDUIT, EQUIPMENT APPARATUS, ETC., AS SHOWN IN THE DRAWINGS OR HEREIN SPECIFIED AND ALL INSTALLATIONS SHALL BE MADE IN ACCORDANCE THERETO. INFORMATION ON THE DRAWINGS RELATIVE TO EXISTING UTILITIES IS APPROXIMATE ONLY. MINOR DEVIATIONS REQUIRED TO CONFORM TO ACTUAL LOCATIONS SHALL BE MADE WITHOUT ADDITIONAL COST TO OWNER.

SHOULD UTILITIES NOT SHOWN ON THE PLANS BE FOUND DURING EXCAVATIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ARCHITECT FOR INSTRUCTIONS AS TO FURTHER ACTION. FAILURE TO DO SO WILL MAKE THE CONTRACTOR LIABLE FOR ANY DAMAGE ARISING FROM HIS OPERATIONS AFTER DISCOVERY OF SUCH UTILITIES NOT SHOWN ON THE PLANS. THESE UTILITIES SHALL BE REMOVED OR RELOCATED AS DIRECTED BY THE ARCHITECT. AN EQUITABLE ADJUSTMENT IN THE CONTRACT WILL BE MADE FOR THE ADDITIONAL WORK INVOLVED.

THE CONTRACTOR SHALL USE SPECIAL PRECAUTIONS WHERE EXCAVATIONS ARE MADE IN THE AREAS NEAR ELECTRICAL UTILITIES SINCE THEY MAY BE HIGH VOLTAGE DEVICES. ALL EXCAVATIONS SHALL BE SUPPORTED BY CARBON BOND EXCAVATION SO AS NOT TO DAMAGE EXISTING UTILITIES. ALL EXCAVATIONS SHALL BE SUPPORTED WITH SHIELDING WITH HANDING SIGNS, BARRICADES ETC. AS REQUIRED.

STANDARD PRACTICE

ALL WORK NOT SHOWN IN COMPLETE DETAILS SHALL BE INSTALLED IN CONFORMANCE WITH THE BEST STANDARD PRACTICE FOR THE TRADE.

IDENTITY

IT IS THE INTENTION TO PROVIDE SYSTEMS THAT ARE COMPLETE IN EVERY RESPECT WITH THE LEAST COST TO THE OWNER. NOTHING SHOWN IN DRAWINGS OR INDICATED IN THE SPECIFICATIONS OR REFINISHED MATERIALS SHALL BE CONSIDERED AS INCLUDED AS PART OF THE CONTRACT. THIS SHALL INCLUDE ALL CONNECTIONS TO EXISTING SERVICES.

SPECIAL NOTE

ATTENTION OF THE CONTRACTOR IS HEREBY CALLED TO ALL WORK COVERED BY NOTES ON DRAWINGS. REFERENCED CONDITIONS SPECIFY PARTICULAR DETAILS REQUIRED FOR THE WORK SO NOTED.

WORK COVERED BY NOTES MUST BE FINISHED AND INSTALLED WHETHER IT IS SPECIFICALLY MENTIONED IN THESE SPECIFICATIONS OR NOT.

EXCEPT AS OTHERWISE SPECIFIED

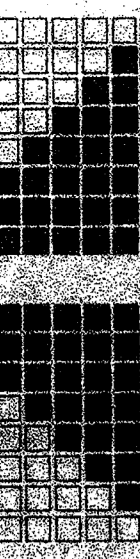
ALL MATERIALS, APPARATUS, EQUIPMENT FINISHED AND INSTALLED UNDER THESE SPECIFICATIONS SHALL BE NEW AND FREE FROM ALL DEFECTS. SHOULD ANY TRAFFIC DEVELOP WITHIN A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE OF THE WORK, DUE TO INTERIOR OR FAULTY MATERIAL AND/OR WORKMANSHIP, THE WORK SHALL BE CORRECTED AND MATERIAL AND EQUIPMENT REPLACED BY THE CONTRACTOR WITHOUT EXPENSE TO THE OWNER.

SERVICES

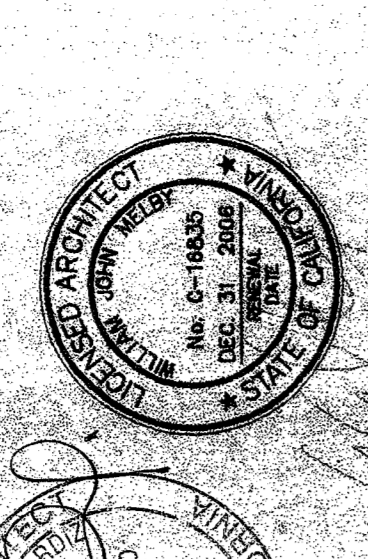
THE LOCATION OF ANY EXISTING UTILITY SERVICES SHOWN ON THE DRAWINGS IS APPROXIMATE AND SHALL BE CHECKED BY THE CONTRACTOR FOR EACH LOCATION.

LIST OF MATERIALS

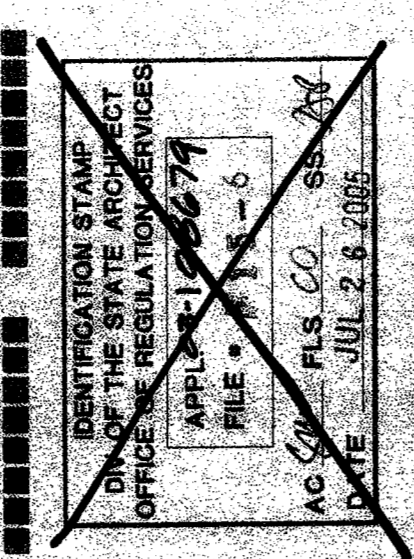
WITHIN THE (30) CALENDAR DAYS AFTER THE AWARD OF THE CONTRACT, THE CONTRACTOR SHALL SUBMIT A LIST OF MATERIALS TO BE USED IN THE PROJECT. THE MATERIALS LISTED IN THIS CONTRACT SHALL BE INSTALLED UNLESS THIS CONTRACTOR SHOWS IN THE CASE OF EACH ITEM OF MATERIAL TO BE USED, THE NAME OF THE ACTUAL.



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DANNY E. ORDIZ, A.I.A.
ARCHITECT 04178
WILLIAM J. MELBY, A.I.A.
ARCHITECT 016688



PTN: 63321-50
SITE IMPROVEMENTS
PORTABLE CLASSROOMS

AT
CHIPMAN JUNIOR HIGH SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT

8227 J STREET
BAKERSFIELD, CALIFORNIA 93306

MARK	DATE	DESCRIPTION
SD		D.S.A. APPROVAL
CD		
Δ	01-13-15	CD # 01
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Δ		

2004-82-E-5 DWIG
JOB NUMBER: 2004771
CADD DRAWING FILE
DATE: 07/22/05

MATERIAL SPECIFICATIONS
SHEET TITLE

WE
MATERIALS ENGINEERING CONSULTING ARCHITECTS INC.
1000 WEST 17TH STREET, SUITE 100
LOS ANGELES, CALIFORNIA 90024
TELEPHONE (213) 758-1234
FACSIMILE (213) 758-1234

APPROVED
DIVISION OF THE STATE ARCHITECT
LOS ANGELES REGIONAL OFFICE
DATE: 7/22/05

SHEET IDENTIFICATION NUMBER E-5
SHEET OF