

CITY RECEIVED
FEB 17 2000
CITY OF SAN MARCOS COPY

CITY OF SAN MARCOS OCCUPANCY REQUIREMENTS		CONDITIONS OF APPROVAL	
Permit Applicant:	APN:		
Site Address:	Zoning:		
Project Description:	RDA:		
Conditions of Approval The following conditions of development shall be approved PRIOR TO OCCUPANCY. Please contact staff if you have any questions regarding the requirements.			
PLANNING DIVISION	REQUIRED: YES NO	APPROVED BY: <u>[Signature]</u>	
Resolution Conditions	<input checked="" type="checkbox"/> <input type="checkbox"/>		
Landscape and Tree Inspections	<input checked="" type="checkbox"/> <input type="checkbox"/>		
Final Inspection	<input checked="" type="checkbox"/> <input type="checkbox"/>		
Project Planner <u>[Signature]</u>	Telephone #: 760-744-1050, ext. <u>3231</u>	DATE _____	
Other:			
ENGINEERING DIVISION	REQUIRED: YES NO	APPROVED BY: _____	
Resolution Conditions	<input checked="" type="checkbox"/> <input type="checkbox"/>		
Bonding	<input checked="" type="checkbox"/> <input type="checkbox"/>		
As-Built Plans	<input checked="" type="checkbox"/> <input type="checkbox"/>		
Underground Utilities	<input checked="" type="checkbox"/> <input type="checkbox"/>		
Project Engineer _____	Telephone #: 760-744-1050, ext. _____	DATE _____	
Other:			
FIRE DEPARTMENT	REQUIRED: YES NO	APPROVED BY: _____	
Fire Sprinkler System	<input checked="" type="checkbox"/> <input type="checkbox"/>		
Hood Fire Suppression System	<input checked="" type="checkbox"/> <input type="checkbox"/>		
Fire Alarm	<input checked="" type="checkbox"/> <input type="checkbox"/>		
Install Fire Hydrants	<input checked="" type="checkbox"/> <input type="checkbox"/>		
Final Inspection	<input checked="" type="checkbox"/> <input type="checkbox"/>		
Contact Fire Marshal _____	Telephone #: 760-744-1050, ext. 3404	DATE _____	
Other:			
PUBLIC WORKS DEPARTMENT	REQUIRED: YES NO	APPROVED BY: _____	
Install Street Improvements	<input checked="" type="checkbox"/> <input type="checkbox"/>		
Final Inspection	<input checked="" type="checkbox"/> <input type="checkbox"/>		
Public Works _____	Telephone #: 760-752-7550	DATE _____	
Other:			
BUILDING DIVISION	REQUIRED: YES NO	APPROVED BY: _____	
Preliminary Inspection Electric Meter	<input checked="" type="checkbox"/> <input type="checkbox"/>		
Final Building Inspection Gas Meter	<input checked="" type="checkbox"/> <input type="checkbox"/>		
Phasing Plan	<input checked="" type="checkbox"/> <input type="checkbox"/>		
Health Department Final Inspection	<input type="checkbox"/> <input checked="" type="checkbox"/>		
Other:		DATE _____	
I have read the list of occupancy requirements and understand that I shall not occupy the development until all the conditions of approval have been approved by the City of San Marcos.			
SIGNED _____		DATE _____	

ORIGINAL SUBMITTAL DATES	
PLANNING	
Approved by: <u>[Signature]</u> <u>2/29/2000</u>	Checked by: <u>[Signature]</u> Date(s) _____
Setbacks: Min Req'd _____ Plans show _____	Zone _____
Front: _____	Applicable Cases: _____
Rear: _____	() Proj't does not meet min. setbacks
Side: _____	() Need Landscaping Plans
Street Side: _____	() Plans need revisions, see correction list
Comments: _____	
ENGINEERING	
Approved by: <u>[Signature]</u>	Project # _____
Plan Checker _____	PRIOR TO ISSUANCE
() Bonding	() In-lieu fee () Fair Share
() Solid Handless	() Letters of Permission
() Approved Street Improvements	() Final Maps
() Grading () Hydrology () Slope Report () Erosion Control	
() Easement () 100' () Other: _____	
CONDITIONS OF APPROVAL: <u>GROUNDWATER, SOLID WASTE, HAZARDOUS...</u>	
PRIOR TO OCCUPANCY	
() In-lieu fee () Fair Share () Utilities to be Underground	
() Others _____	
BUILDING	
Plan Check: <u>PA199-295</u> Permit # <u>35186-35187</u> Date Into Bldg. <u>2-29-00</u>	
Approved By: <u>[Signature]</u> Date: <u>3-8-00</u> Plan Checker: <u>[Signature]</u>	
Check Print ()	Issue Date: _____
Prior to Issue	(1) <u>SCHEMATIC</u>
	(2) <u>VWD LETTER</u>
	(3) <u>CONTRACTOR INFO</u>

FIRE DEPARTMENT
REQUIRED
SYSTEM SHALL MEET
N.F.P.A. 13

APPROVED
FIRE DEPARTMENT
1 Civic Center Drive
San Marcos, CA 92069
By [Signature] Date 2-27-00

182-184 SANTAR PLACE

APPROVED PERMIT SET
DRAWING NO. 99-295

REV. I
99-295



TRAINING FACILITY

F-1	GENERAL NOTES AND DRAWING INDEX
F-2	CODE ANALYSIS
	C I V I L
C-1	TITLE SHEET
C-2	DETAILS
C-3	GRADING PLAN
C-4	STORM DRAIN AND UTILITY PLAN
C-5	STORM DRAIN PROFILES
C-6	UTILITY PLAN
C-7	BOUNDARY DATA
	A R C H I T E C T U R A L
A-1.1	SITE PLAN
A-1.2	PARTIAL ENLARGED SITE PLAN (EAST)
A-1.3	PARTIAL ENLARGED SITE PLAN (WEST)
A-1.4	SITE DETAILS
A-1.5	SITE DETAILS
A-1.6	SITE DETAILS
A-1.7	ADDITIVE ALTERNATES AND DETAILS
A-1.8	ADDITIVE ALTERNATE AND DETAILS
A-2.1	BUILDING A - FLOOR PLAN
A-2.2	BUILDING B - FLOOR PLAN
A-2.3	BUILDING B - FLOOR PLAN
A-2.4	BUILDING C - PARTIAL FLOOR PLAN
A-2.5	BUILDING C - PARTIAL FLOOR PLAN
A-2.6	BUILDING A - REFLECTED CEILING PLAN
A-2.7	BUILDING B - REFLECTED CEILING PLANS
A-2.8	BUILDING C - PARTIAL REFLECTED CEILING PLAN
A-2.9	BUILDING C - PARTIAL REFLECTED CEILING PLAN
A-2.10	BUILDING A - ROOF PLAN
A-2.11	BUILDING C - PARTIAL ROOF PLAN

A-2.12	BUILDING C - PARTIAL ROOF PLAN
A-2.13	SUSPENDED CEILING NOTES AND DETAILS

[illegible][illegible]

CITY OF SAN MARCOS
ONE CIVIC CENTER DRIVE
SAN MARCOS, CA 92069

OWNER

CITY OF SAN MARCOS
ONE CIVIC CENTER DRIVE
SAN MARCOS, CA 92069

FIRE DEPARTMENT

CITY OF SAN MARCOS
SAN DIEGO COUNTY SHERIFF'S DEPARTMENT
187 SANTAR PLACE
SAN MARCOS, CA 92069

SHERIFF'S DEPARTMENT

SHERIFF'S STATION
182 SANTAR PLACE
SAN MARCOS, CA 92069

TRAINING CENTER
184 SANTAR PLACE
SAN MARCOS, CA 92069

PROJECT ADDRESS

ARCHITECT
WLC Architects, Inc.
10470 FOOTHILL BLVD., VIRGINIA DARE TOWER
RANCHO CUCAMONGA, CA 91730
(909) 987-0909 FAX (909) 930-9980

CIVIL ENGINEER
LUTTIO ENGINEERING
2147 LUNDY LAKE DRIVE
ESCONDIDO, CA 92029
(760) 745-1409 FAX (760) 745-3942

STRUCTURAL ENGINEER
R. M. BYRD AND ASSOCIATES, INC.
537 NORTH EUCLID AVENUE
ONTARIO, CA 91762
(909) 983-5599 FAX (909) 983-4456

MECHANICAL/PLUMBING/ELECTRICAL ENGINEER
LEONARD ENGINEERING
818 NORTH MOUNTAIN AVE., SUITE. 225
UPLAND, CA 91788
(909) 981-3167 FAX (909) 949-4356

LANDSCAPE ARCHITECT
RJM DESIGN GROUP, INC.
31591 CAMINO CAPISTRANO
SAN JUAN CAPISTRANO, CA 92675
(949) 493-2600 FAX (949) 493-2690

APPROVED PERMIT SET
DRAWING NO. 99-295

PROJECT TEAM

WLC
Architects

Virginia Dare Tower
10470 FOOTHILL BLVD.
Rancho Cucamonga
California 91730-3736
tel: 909.387.0909
fax: 909.380.9930

City of San Marcos
Emergency Services Training Facility
Sanmar Place
San Marcos, Ca 92069

CONSULTANT

APPROVED

NOTE:

NOTICE IS HEREBY GIVEN THAT, PURSUANT TO THE SAN MARCOS CITY CHARTER AND THE SAN MARCOS MUNICIPAL CODE, PAYMENT OF PREVAILING WAGES AND COMPLIANCE WITH THE CALIFORNIA LABOR CODE SECTION 1770, et seq. IS NOT REQUIRED FOR THIS PROJECT.

APPROVED

NO DATE BY REMARKS

NO	DATE	BY	REMARKS

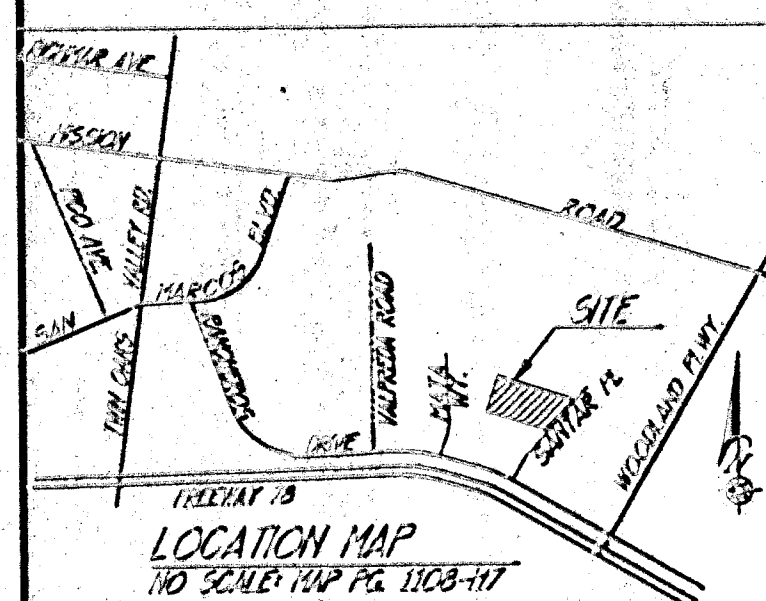
GENERAL NOTES
AND DRAWING



CONSTRUCTION LEGEND

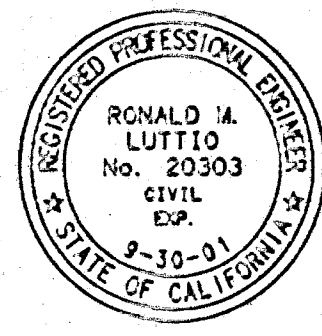
1. CONCRETE CURB & GUTTER PER 5-4 (5) ON CLASS 2 AGGREGATE BASE
2. CONCRETE CURB PER 5-4 (5) ON CLASS 2 AGGREGATE BASE
3. CONCRETE CROSS GUTTER PER DETAIL BELOW
4. 24" P.V.C. - SUR 35 STORY DRAIN PER D-50
5. 18" P.V.C. - SUR 35 STORY DRAIN PER D-50
6. 15" P.V.C. - SUR 35 STORY DRAIN PER D-50
7. 12" P.V.C. - SUR 35 STORY DRAIN PER D-50
8. 6" P.V.C. CLASS 150 STORY DRAIN
9. TYPE B CURB TEST PER D-2
10. TYPE C CURB TEST PER D-3
11. 12" STORM DRAIN GLENN TIE A PER D-4
12. ADD 12" HIE DRAIN OR EQUAL GLENN 212202
13. STORM DRAIN GLENN TIE A PER D-4
14. 4" P.G.G. SIDEWALK - SEE ARCHITECTURAL PLANS
15. CONCRETE LUG PER D-53
16. CONSTRUCT RAIN TIE DRIVEWAY PER DETAIL ON SHEET 2
17. CONCRETE SHALE PER DETAIL ON SHEET 2
18. CONCRETE APRON DRIV REPAIRING WALL PER DETAIL SHEET 2
19. TRENCH DRAIN PER DETAIL ON SHEET 2
20. ROLLED CURB PER DETAIL SHEET 2
21. 8" P.V.C. 6"000 FIRE LINE (GRAVITY) 3" DIA. COVER
22. 1 1/2" WATER SERVICE PER W-52*
23. PRIVATE 6" FIRE HYDRANT PER W-14* AND W-5*
24. 6" V.G.P. SEWER LATERAL PER DIV. 5-4* CHIN IN ROAD R/W
25. 6" P.V.C. SEWER LATERAL (GRAVITY)
26. 4" P.V.C. SEWER LATERAL (GRAVITY)
27. 3" A.G. PAVEMENT ON 6" CLASS 2 AGGREGATE BASE
28. 6" P.G.G. PAVEMENT ON 6" CLASS 2 AGGREGATE BASE
29. 4" A.G. PAVEMENT ON 6" CLASS 2 AGGREGATE BASE
30. THURST BLOCK PER DIV. 10-15* (GRAVITY)
31. CLARKER PER DETAIL SHEET 2
32. PRIVATE 6" CAIE VALVE PER W-16*
33. PRIVATE 6" CAIE VALVE PER W-16*
34. PRIVATE 6" PROPERTY LINE CLEANOUT PER 5-7*
35. GAS LINE BY OTHERS, CONTRACTOR TO PROVIDE TRENCH AND DRAINAGE
36. PEDESTRIAN RAMP PER ARCHITECTURAL DRAWINGS
37. 4" P.V.C. SUR 35 STORY DRAIN
38. 2" P.V.C. SUR 40 WATER LINE
39. 4" ELECTRICAL CONDUIT
40. 4" TELEPHONE CONDUIT
41. 2" CABLE TELEVISION CONDUIT
42. 2" CHECK AND BALL VALVE
43. FIRE DEPARTMENT CONNECTION AND CHECK VALVE TO BE INSTALLED BY UNDERGROUND SPRINKLER CONTRACTOR
44. 6" P.V.C. 6"000 FIRE LINE
45. 4" P.V.C. 6"000 FIRE LINE
46. 8" X 6" REDUCER

* INDICATES VALLECITOS WATER DISTRICT STANDARD DRAWING



PLANS PREPARED BY
LUTRO ENGINEERING

2147 LUTRO DRIVE
ESCONDIDO, CALIFORNIA 92029
(760) 745-1401
FAX: (760) 745-1401



ENGINEER OF WORK
By: *Ronald H. Luitro* Date: 1-18-00
R.H. LUITRO R.E. 20303 Exp. 09-30-2001

Drawn By: *Preston H. Lewis, P.E.* Date: 12/2002
R.C.E. 45828 Exp. 03-31-2001

CITY APPROVED CHANGES

APPROVED FOR CONSTRUCTION
By: *[Signature]* Date: 01/14/2003
R.E. 45828 Exp. 03-31-2001

RECOMMENDED FOR APPROVAL
By: *[Signature]* Date: 01/14/2003
R.E. 45828 Exp. 03-31-2001

APPROVED FOR CONSTRUCTION
By: *[Signature]* Date: 01/14/2003
R.E. 45828 Exp. 03-31-2001

APPROVED FOR CONSTRUCTION
By: *[Signature]* Date: 01/14/2003
R.E. 45828 Exp. 03-31-2001

APPROVED FOR CONSTRUCTION
By: *[Signature]* Date: 01/14/2003
R.E. 45828 Exp. 03-31-2001

APPROVED FOR CONSTRUCTION
By: *[Signature]* Date: 01/14/2003
R.E. 45828 Exp. 03-31-2001

CITY OF SAN MARCOS

GRADING PLAN FOR C.I.P. NO. 180

PUBLIC SAFETY CENTER

GEOTECHNICAL ENGINEER'S DECLARATION

THESE PLANS HAVE BEEN REVIEWED BY THE UNDERGROUND RELATIVE TO GEOTECHNICAL ASPECTS OF THE PLANS AND HAVE BEEN FOUND TO BE IN CONFORMANCE WITH THE INTENTIONS OF THE TERMS AND RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORT BY AGRA EARTH & ENVIRONMENTAL, INC.

SUPPLEMENTAL REPORT OF
GEOTECHNICAL INVESTIGATION
EMERGENCY SERVICES TRAINING CENTER
SANTAR PLACE
SAN MARCOS, CALIFORNIA
JOB NO. 10-22
APRIL 2, 1999

BY: *DENNIS E. ZIMMERMAN* R.E. 25876

DATE: EXPIRATION DATE:

DECLARATION OF ENGINEER OF WORK

I HEREBY DECLARE THAT THE DESIGN OF THE IMPROVEMENTS AS SHOWN ON THESE PLANS CONFORMS WITH THE REQUIREMENTS OF THE CITY OF SAN MARCOS. I AM THE ENGINEER OF WORK FOR THIS PROJECT. I HAVE REVIEWED THE PLANS AND HAVE BEEN FOUND TO BE IN CONFORMANCE WITH THE INTENTIONS OF THE TERMS AND RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORT BY AGRA EARTH & ENVIRONMENTAL, INC.

By: *Ronald H. Luitro* Date: 1-18-00
R.H. LUITRO R.E. 20303 Exp. 09-30-2001

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT. I HAVE REVIEWED THE PLANS AND HAVE BEEN FOUND TO BE IN CONFORMANCE WITH THE INTENTIONS OF THE TERMS AND RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORT BY AGRA EARTH & ENVIRONMENTAL, INC.

By: *Ronald H. Luitro* Date: 1-18-00
R.H. LUITRO R.E. 20303 Exp. 09-30-2001

BRANCHING QUANTITIES

OUT: 15,400 C.Y. *

IN: 5,000 C.Y. *

EXPORT: 14,400 C.Y. *

*RAW QUANTITIES FOR BORROW PURPOSES ONLY. NO ADJUSTMENT FOR SCOUR, SETTLEMENT, OR EXPANSION. CONTRACTOR TO VERIFY QUANTITIES FOR ORDER.

VALLECITOS WATER DISTRICT FACILITIES

GENERAL NOTES

1. ALL WATER AND SEWER LINES TO BE INSTALLED ACCORDING TO THE CURRENT STANDARD SPECIFICATIONS OF THE VALLECITOS WATER DISTRICT FOR THE CONSTRUCTION OF WATER AND SEWER FACILITIES.
2. WATER LINES SHALL HAVE A MINIMUM COVER OF 36 INCHES. SEWER LINES SHALL HAVE A MINIMUM COVER OF 5 FEET.
3. CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES 48 HOURS PRIOR TO CONSTRUCTION. CALL: UNDERGROUND SERVICE ALERT.....1-800-227-2800
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL SUBSTRUCTURES, WHETHER SHOWN ON THE PLANS OR NOT, AND TO PROTECT THEM FROM DAMAGE. THE ACTUAL LOCATION AND DEPTH OF ALL EXISTING WATER AND SEWER LINES IS TO BE VERIFIED BY THE CONTRACTOR AND ANY DISCREPANCY IS TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF WORK FOR CORRECTION AND THEN SUBMITTED TO THE DISTRICT FOR APPROVAL.
5. NEITHER THE ENGINEER, OWNER NOR THE VALLECITOS WATER DISTRICT SHALL BE RESPONSIBLE FOR THE ENFORCEMENT OF SAFETY STANDARDS.
6. A PRECONSTRUCTION CONFERENCE MEETING SHALL BE HELD A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION.
7. A SIGNED SET OF IMPROVEMENT PLANS DOES NOT IMPLY THAT CONSTRUCTION MAY BEGIN. THE CONTRACTOR MUST CONTACT THE VALLECITOS WATER DISTRICT ENGINEERING DEPARTMENT.
8. ANY CHANGES IN THE IMPROVEMENT PLANS MUST BE REVIEWED AND APPROVED BY THE DISTRICT PRIOR TO THE INSTALLATION OF SUCH CHANGES AND THE CHANGES SHALL BE SHOWN ON THE IMPROVEMENT PLANS.
9. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO MAINTAIN AT ALL TIMES ON THE JOB SITE, AN "AS-BUILT" RECORD OF ALL WATER AND SEWER MAINS AND APPURTENANCES INSTALLED UNDER HIS CONTRACT AND PROVIDE TWO (2) BLUELINE SETS OF "AS-BUILTS" TO THE DISTRICT PRIOR TO THE WATER AND SEWER SYSTEM BEING PLACED IN SERVICE, AND A FINAL "AS-BUILT" ATLAS AS A CONDITION OF ACCEPTANCE OF THE WATER AND SEWER SYSTEM.
10. ALL CONTRACTORS WORKING IN THE PUBLIC RIGHTS-OF-WAY SHALL OBTAIN A SEPARATE ENCROACHMENT PERMIT OR EXCAVATION PERMIT FROM THE APPROPRIATE AGENCY. INSPECTION OF ALL WORK IS REQUIRED. FORTY EIGHT (48) HOURS ADVANCE NOTICE IS REQUIRED FOR INSPECTION. NO WORK SHALL BE PERFORMED IN THE PUBLIC RIGHT-OF-WAY ON SATURDAYS, SUNDAYS OR LEGAL HOLIDAYS WITHOUT THE EXPRESS PERMISSION OF THE DISTRICT ENGINEER.
11. UNLESS OTHERWISE SHOWN, SEWER LATERALS AND WATER SERVICES SHALL BE RUN PERPENDICULAR TO THE MAIN.
12. ALL WATER LINES SHALL BE DUCTILE IRON PIPE WITH POLYETHYLENE WRAPPING, OR AS NOTED. ALL SEWER LINES SHALL BE BELL AND SPIGOT VITRIFIED CLAY PIPE, OR AS NOTED.
13. THE CONTRACTOR SHALL TEST HIS LINES AGAINST HIS GUN BLOCKING AND NOT AGAINST DISTRICT VALVES.
14. ALL WATER SERVICE OUTLETS SHALL BE ONE INCH (1") DIAMETER COPPER PIPE UNLESS OTHERWISE NOTED, AND SHALL BE MARKED ON THE FACE OF THE CURB WITH "W".
15. UPON CONNECTION OF THE NEW WATER SYSTEM TO THE EXISTING SYSTEM, ALL VALVES ON THE EXISTING AND NEW SYSTEM SHALL BE OPERATED ONLY BY DISTRICT PERSONNEL. THE DEVELOPER OR CONTRACTOR SHALL NOTIFY DISTRICT 24 HOURS IN ADVANCE OF ANY PLANNED SHUTDOWN TO HAVE DISTRICT OPERATE VALVES.
16. ALL ABANDONED SEWER LATERALS SHALL BE CAPPED AT THE PROPERTY LINE. ALL ABANDONED WATER SERVICES SHALL BE SHUT OFF AT THE MAIN, AND THE CONNECTION SEVERED. BAILS AND SERVICE SADDLES OTHER THAN BRASS SHALL BE REPLACED PRIOR TO ABANDONMENT. RELOCATE EXISTING SERVICES AS DIRECTED BY THE DISTRICT ENGINEER.
17. ALL SEWER LATERALS, OTHER THAN VCP OR DIP MATERIAL, DAMAGED OR MODIFIED DURING CONSTRUCTION SHALL BE REPLACED IN FULL AS DIRECTED BY THE DISTRICT ENGINEER.
18. ALL LATERALS SHALL BE CONSTRUCTED TO A MINIMUM FIVE-FOOT (5') DEPTH (TO TOP OF PIPE) AT PROPERTY LINE AND SHALL BE CLEAR OF DRIVEWAYS. ALL LATERALS SHALL BE CLEARLY MARKED WITH AN "S" ON THE CURB AND SHALL BE SHOWN ON THE "AS-BUILT" DRAWINGS.
19. PRIOR TO ACCEPTANCE OF ANY SEWER LINE BY THE DISTRICT, ALL MAINS SHALL BE PRESSURE TESTED, AND FLUSHED CLEAN USING THE "MAYNE" BALL METHOD.
20. THE DISTRICT WILL NOT SUPPLY WATER OR SEWER SERVICE TO ANY PROJECT UNTIL ALL PROVISIONS OF THE DISTRICT STANDARDS AND IMPROVEMENT PLANS HAVE BEEN MET, AND FINAL ACCEPTANCE OF THE PROJECT HAS BEEN GRANTED BY THE DISTRICT BOARD OF DIRECTORS.
21. RELOCATION OR EXTENSION OF AN EXISTING WATER METER SHALL MEAN INSTALLATION OF THE METER AT A LOCATION IN CONFORMANCE WITH DISTRICT SPECIFICATIONS AS DIRECTED BY THE ENGINEER AND PERPENDICULAR TO THE MAINLINE CONNECTION, UNLESS OTHERWISE NOTED. SERVICE LATERALS OTHER THAN COPPER SHALL BE REPLACED TO THE MAIN, BAILS AND SERVICE SADDLES OTHER THAN BRASS SHALL ALSO BE REPLACED.
22. WATER SERVICES WHICH ARE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED IN FULL BY A COPPER SERVICE PER DISTRICT SPECIFICATIONS AS DIRECTED BY THE ENGINEER.

GRADING NOTES

1. CALL THE CITY OF SAN MARCOS PUBLIC WORKS DEPARTMENT ((760)-752-1550) 24 HOURS BEFORE COMMENCEMENT OF WORK.
2. IMPROVED MATERIAL SHALL BE OBTAINED FROM A LEGAL SITE.
3. ALL FILL AND CUT SLOPES SHALL BE PLANTED WITH A MIXTURE OF TREES, SHRUBS AND GRASS COVER TO CONTROL EROSION. SLOPE LANDSCAPING SHALL BE INSTALLED AS SOON AS PRACTICAL. IRRIGATION SYSTEMS ARE REQUIRED AND SHALL BE INSTALLED FOR PERPETUAL MAINTENANCE OF THE PLANT LIFE USED FOR SLOPE STABILIZATION IN ACCORDANCE WITH SECTION 17.32.170 OF THE CITY'S GRADING ORDINANCE.
4. PREDETERMINE LOCATIONS/ELEVATIONS OF THE EXISTING UNDERGROUND UTILITIES ARE NOT KNOWN, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MAKING SUFFICIENT EXPLORATIONS TO LOCATE ALL UTILITIES AND SUBSTRUCTURES, WHETHER SHOWN ON THE PLANS OR NOT, AND TO PROTECT THEM FROM ANY POSSIBLE DAMAGE PRIOR TO AND DURING CONSTRUCTION. THE EXPENSE OF REPAIR OR REPLACEMENT OF SAID UTILITIES AND SUBSTRUCTURES SHALL BE BORNE BY THE CONTRACTOR. CONTRACTOR SHALL NOTIFY THE ENGINEER-OF-WORK OF ANY POTENTIAL CONFLICTS SUFFICIENTLY IN TIME FOR CONSTRUCTION CHANGES TO BE MADE AND APPROVED.
5. THE CONTRACTOR SHALL CONTACT THE UNDERGROUND SERVICE ALERT AT 1-800-422-4131 AT LEAST 48 HOURS PRIOR TO EXCAVATING TO VERIFY THE LOCATIONS OF UNDERGROUND FACILITIES OF THE FOLLOWING UTILITIES:
PACIFIC BELL
SAN DIEGO GAS & ELECTRIC
VALLECITOS WATER DISTRICT
COX COMMUNICATIONS
A DIG ALERT IDENTIFICATION NUMBER MUST BE ISSUED BEFORE A "PERMIT TO EXCAVATE" IS VALID PER GOVERNMENT CODE SECTION 41307.41317.
6. APPROVAL OF THESE PLANS BY THE CITY DOES NOT AUTHORIZE ANY WORK OR GRADING TO BE PERFORMED UNTIL THE PROPERTY OWNER'S PERMISSION IS OBTAINED AND A VALID GRADING PERMIT HAS BEEN ISSUED.
7. ALL OPERATIONS CONDUCTED ON THE PREMISES, INCLUDING THE WARMING UP, REPAIR, ARRIVAL, DEPARTURE OR RUNNING OF ANY EQUIPMENT SHALL BE LIMITED TO THE HOURS OF 7:00 A.M. TO 6:30 P.M., MONDAY THRU FRIDAY. NO WORK SHALL BE PERFORMED ON THE PREMISES ON SATURDAY, SUNDAY OR HOLIDAYS.
8. ALL MAJOR SLOPES SHALL BE ROUNDED INTO EXISTING SLOPES TO PRODUCE A CONTIGUOUS TRANSITION FROM CUT OR FILL PLACES TO NATURAL GROUND AND ADJUTING CUT OR FILL SLOPES.
9. NOTWITHSTANDING THE MINIMUM STANDARDS SET FORTH IN THE CITY'S GRADING ORDINANCE AND THE APPROVAL OF THESE GRADING PLANS, THE PERMITTEE IS RESPONSIBLE FOR THE PREVENTION OF DAMAGE TO ADJACENT PROPERTY. NO PERSON SHALL EXCAVATE ON LAND SO CLOSE TO THE PROPERTY LINE AS TO ENDANGER ANY SYSTEM OF ANY OTHER PUBLIC OR PRIVATE PROPERTY WITHOUT SUPPORTING AND PROTECTING SUCH PROPERTY FOR SETTLING, CRACKING, EROSION, SLIDING, SCOUR OR OTHER DAMAGE WHICH MIGHT RESULT FROM THE GRADING DESCRIBED ON THIS PLAN. THE CITY WILL HOLD THE PERMITTEE RESPONSIBLE FOR CORRECTION OF ANY DAMAGE TO ADJACENT PROPERTY WHICH CAUSE DAMAGE TO ADJACENT PROPERTY.
10. THE ENGINEER-OF-WORK SHALL BE NOTIFIED WHEN CONSTRUCTION COMMENCES.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION/GRADING OF SLOPES, PADS, STREET GRADGES AND ADJACENT AREAS ACCORDING TO THESE PLANS. THE ENGINEER-OF-WORK SHALL BE CONTACTED WHEN CHANGES OR ADDITIONS MADE DURING THE PROGRESS OF CONSTRUCTION OR IF THERE IS A MISUNDERSTANDING OF THESE PLANS OR FIELD STAKES AND AN INTERPRETATION IS NEEDED. CERTIFICATION FROM THE REGISTERED CIVIL ENGINEER STATING THAT THE GRADING HAS BEEN COMPLETED PER THE APPROVED PLAN, AND THE COMPLETION REPORT FROM THE GEOTECHNICAL ENGINEER ON ANY REQUIRED FILL AREAS SHALL BE PROVIDED PRIOR TO BUILDING PERMITS BEING ISSUED.
12. SEE EXISTING SPECIFICATIONS FOR CONSTRUCTION REQUIREMENTS.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION ANY DOCUMENTATION AND/OR BENCHMARKS. ANY DOCUMENTATION AND/OR BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SUCH POINTS SHALL BE REFERENCED AND REPLACED WITH APPROPRIATE DOCUMENTATION BY A LICENSED LAND SURVEYOR OR A REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED BY THE LICENSED LAND SURVEYOR OR CIVIL ENGINEER AS REQUIRED BY THE LAND SURVEYOR'S ACT.
14. DUST CONTROL MEASURES, SUCH AS PERIODIC WETTING DOWN OF THE BARE AND EXPOSED AREAS, SHALL BE UTILIZED AT ALL TIMES DURING CONSTRUCTION TO THE SATISFACTION OF THE PUBLIC WORKS AND/OR BUILDING INSPECTORS.
15. ALL WORK SHOWN ON THESE PLANS TO BE COMPLETED IN ACCORDANCE WITH GRADING ORDINANCE CHAPTER 17.32.
16. ALL GRADING SHALL BE SUPERVISED BY AN INDIVIDUAL APPROPRIATELY LICENSED UNDER THE BUSINESS AND PROFESSIONS ACT.
17. THE CONTRACTOR IS ADVISED THAT HE IS RESPONSIBLE FOR MAINTAINING THE ADJOINING PUBLIC STREETS AND RIGHTS-OF-WAY IN A CLEAN AND DUST FREE CONDITION WITHIN THE LIMITATION OF THE CITY MUNICIPAL CODE SECTION 16.15.030. "DUST" DISCHARGES PROHIBITED. THIS SECTION OF THE CODE PROHIBITS THE DISCHARGE OF A STREET INTO A PUBLIC STREET DRAIN. THE CONTINUOUS USE OF STREET SWEEPING MACHINES MAY BE ADVISABLE.
18. THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUALLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, THE ENGINEER AND THE CITY HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER, ENGINEER OR CITY.
19. A PERMIT MUST BE OBTAINED FROM THE SAN MARCOS FIRE DEPARTMENT PRIOR TO ANY BLASTING. SEPARATE CITY PERMITS ARE REQUIRED PRIOR TO ANY CONSTRUCTION, EXCAVATION, STORAGE OF MATERIALS OR ANY OTHER ENCROACHMENTS.
20. A CONSTRUCTION, EXCAVATION OR ENCROACHMENT PERMIT WILL BE REQUIRED FOR ANY WORK WITHIN THE CITY RIGHTS-OF-WAY.
21. HANDICAPPED PARKING SPACE(S) MUST HAVE A MAXIMUM SLOPE NOT EXCEEDING 2% IN ANY DIRECTION.

TABLE OF CONTENTS

- SHEET 1: TITLE SHEET
- SHEET 2: DETAILS
- SHEET 3: GRADING PLAN
- SHEET 4: STORM DRAIN UTILITIES
- SHEET 5: STORM DRAIN UTILITIES
- SHEET 6: UTILITY PLAN
- SHEET 7: BOUNDARY DATA

BASES OF BEARINGS

THE BASIS OF BEARINGS FOR THIS GRADING PLAN IS THE EASTERLY LINE OF RECORD OF SURVEY NO. 11803 D.E. NORTH 16° 54'10" W AS REFERENCED ON PARCEL MAP 16440

SOURCE OF TOPOGRAPHY

54X10 NEBL SURVEYS
4015 EXHIBIT A133E
SAN MARCOS, CA 92153-1027
(619) 523-1024
JN 10249
RCONP 2-25-78

LEGAL DESCRIPTION

PORTION OF PARCEL B OF PARCEL MAP 16440

ASSESSOR'S PARCEL NO.

220-220-42

INSPECTED AND RECOMMENDED FOR "AS BUILT" ACCEPTANCE

By: *[Signature]* Date: *[Date]*

CITY OF SAN MARCOS ENGINEERING DIVISION

GRADING PLAN FOR C.I.P. NO. 180
PUBLIC SAFETY CENTER

Sheet 1 of 7

WLC Architects

Virginia Dora Tower
10470 Foothill Blvd.
Rancho Cucamonga
California 91730-3751
Tel: 909 937 0909
Fax: 909 930 9980

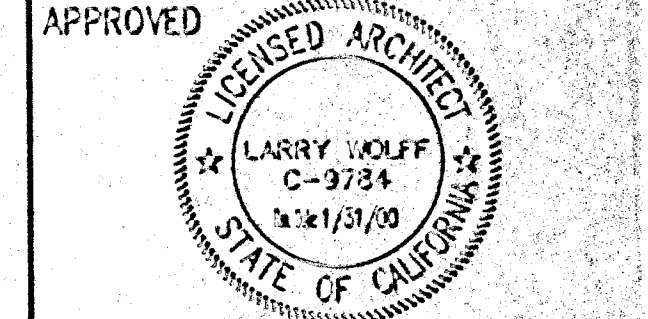
**City of San Marcos
Emergency Services Training Facility**

Santar Place
San Marcos, CA 92069

CONSULTANT

APPROVED

NOTE:
NOTICE IS HEREBY GIVEN THAT, PURSUANT TO THE SAN MARCOS CITY CHARTER AND THE SAN MARCOS MUNICIPAL CODE, PAYMENT OF PREVALUING FEES AND COMPLIANCE WITH THE CALIFORNIA LABOR CODE SECTION 1770, SL 249 IS NOT REQUIRED FOR THIS PROJECT.



APPROVED

NO DATE BY REMARKS

GP 2001

Sheet 1 of 7

TITLE SHEET

DRAWN
CHECKED
DATE JAN. 2000
SCALE AS NOTED
JOB NO. 98173

City of San Marcos
Emergency Services Training Facility
San Marcos, Ca 92069

CONSULTANT

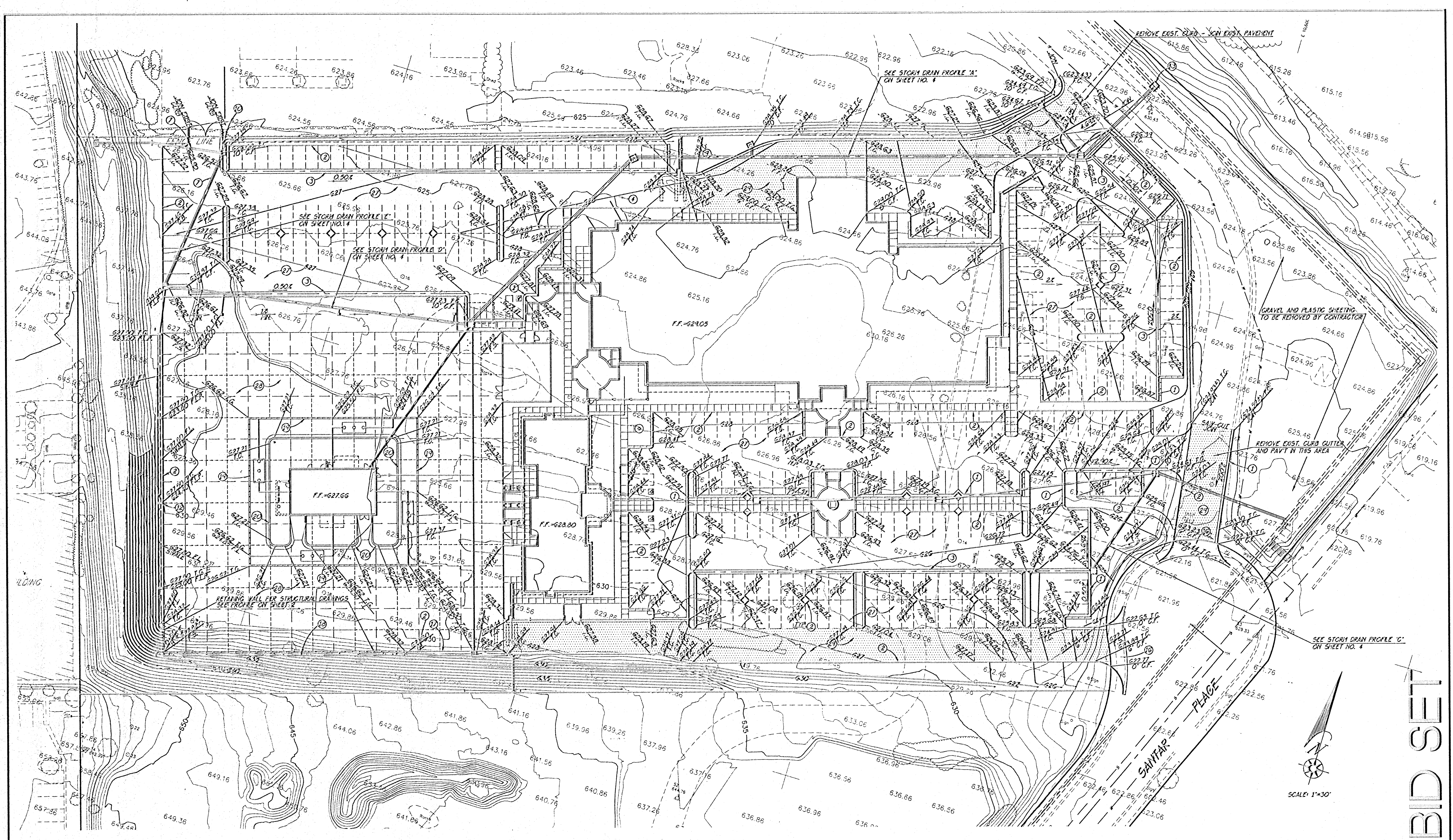
APPROVED

NOTE:
NOTICE IS HEREBY GIVEN THAT, PURSUANT TO THE SAN MARCOS CITY CHARTER AND THE SAN MARCOS MUNICIPAL CODE, PAYMENT OF PREVAILING WAGES AND COMPLIANCE WITH THE CALIFORNIA LABOR CODE SECTION 1770 at 50% IS NOT REQUIRED FOR THIS PROJECT.

APPROVED
LARRY WOLFF
C-9784
1/11/00
STATE OF CALIFORNIA

NO	DATE	BY	REMARKS

GRADING PLAN
DRAWN
CHECKED
DATE JAN. 2000
SCALE AS NOTED
JOB NO. 98173



NOTE:
FOR STORM DRAIN AND UTILITIES SEE
SHEET NO. 4

NOTICE TO CONTRACTOR
1. EXISTING ASPHALT PAVING AND APPURTENANCES ON SITE ARE TO BE REMOVED BY CONTRACTOR.
2. EXISTING STREET LIGHTS ON SITE ARE TO BE SALVAGED AND DELIVERED TO PUBLIC WORKS YARD.

INSPECTED AND RECOMMENDED
FOR "AS BUILT" ACCEPTANCE

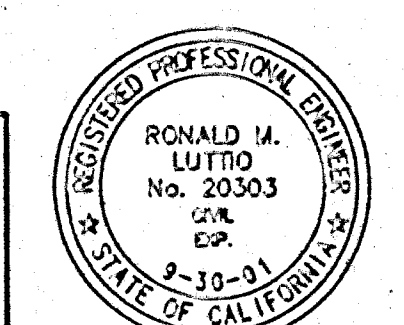
Public Works Inspector Date

PLANS PREPARED BY
LUTTIG ENGINEERING
2417 LUTTIG LANE, SUITE 100
ESCONDIDO, CALIFORNIA 92029
(760) 745-1101

DESIGNED BY
RONALD M. LUTTIG
R.E. 20503
CIP

ENGINEER OF WORK
1-14-00

By: [Signature] Date: 1/14/00
By: [Signature] Date: 1/14/00

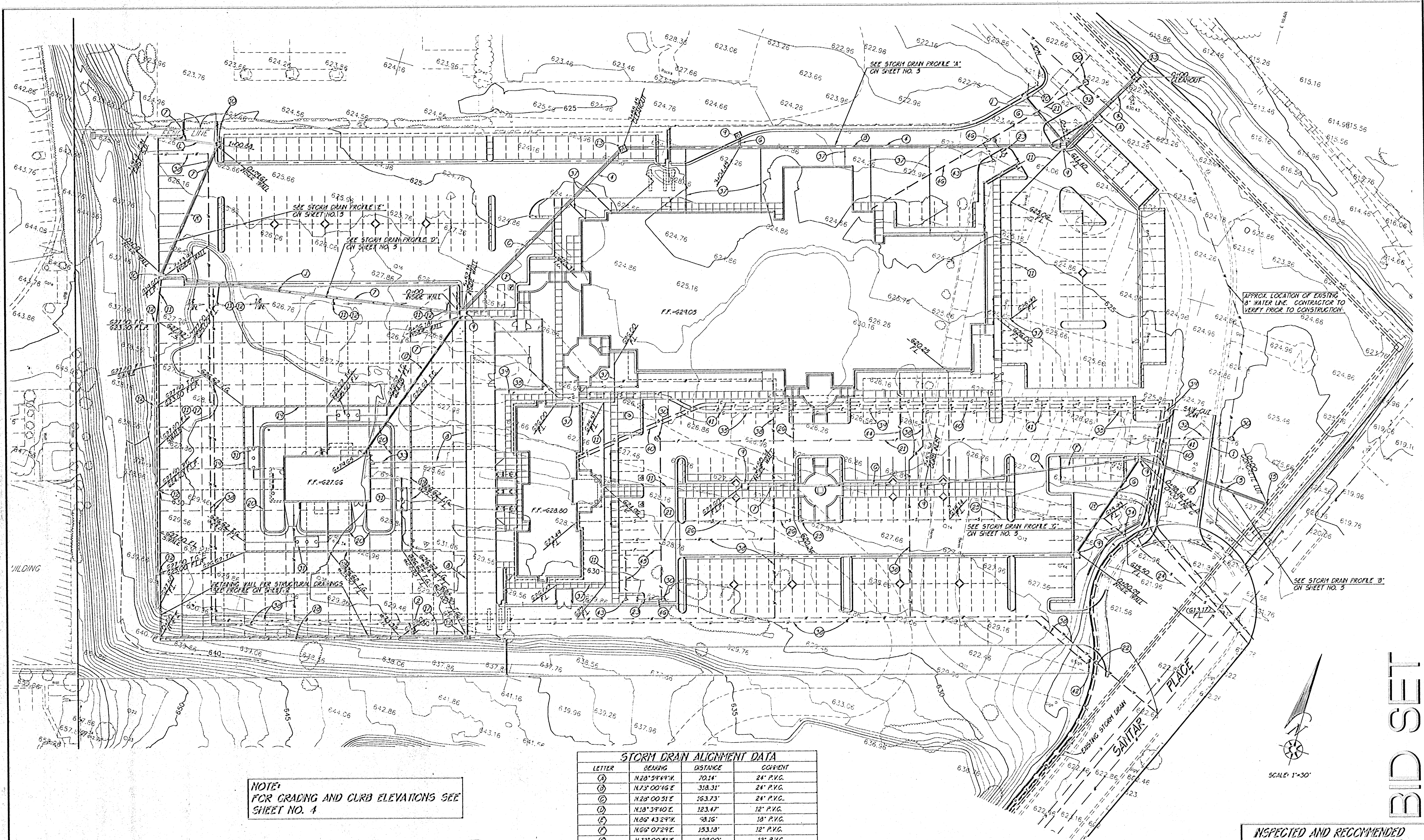


SAN MARCOS FIRE DEPARTMENT	VALLEJITOS WATER DISTRICT	ENGINEER OF WORK	CITY APPROVED CHANGES	APPRO DATE	Recommended for Approval	Approved for Construction	BENCH MARK	CITY OF SAN MARCOS ENGINEERING DIVISION	Grading Plan For:	Drawing No.
By: [Signature] Date: 1/14/00	By: [Signature] Date: 1/14/00	By: [Signature] Date: 1/14/00			By: [Signature] Date: 1/14/00	By: [Signature] Date: 1/14/00			PUBLIC SAFETY CENTER	GP 2000E
										Sheet 3 of 7

VWD

Virginia Dare Tower
10470 Foothill Blvd.
Rancho Cucamonga
California 91730-3754
tel: 909 987 0909
fax: 909 980 9380

**City of San Marcos
Emergency Services Training Facility**
Santar Place, Ca 92069
San Marcos, Ca 92069



NOTE:
FOR GRADING AND CURB ELEVATIONS SEE
SHEET NO. 4

LETTER	BEARING	DISTANCE	COMMENT
(A)	N28°59'49"E	70.14'	24" P.V.C.
(B)	N73°00'46"E	318.31'	24" P.V.C.
(C)	N28°00'31"E	163.73'	24" P.V.C.
(D)	N18°37'40"E	123.17'	12" P.V.C.
(E)	N28°43'29"W	98.16'	18" P.V.C.
(F)	N60°07'21"E	133.18'	12" P.V.C.
(G)	N73°00'31"E	129.00'	12" P.V.C.
(H)	N17°02'31"E	80.94'	15" P.V.C.
(I)	N55°24'56"W	41.63'	15" P.V.C.
(J)	N80°21'56"E	213.93'	12" P.V.C.
(K)	N7°00'17"E	100.28'	12" P.V.C.
(L)	N81°21'55"E	50.56'	12" P.V.C.

INSPECTED AND RECOMMENDED
FOR 'AS BUILT' ACCEPTANCE

SAN MARCOS FIRE DEPARTMENT VALLEJITOS WATER DISTRICT ENGINEER OF WORK CITY APPROVED CHANGES APPROVED FOR CONSTRUCTION BENCH MARK CITY OF SAN MARCOS ENGINEERING DIVISION STORM DRAIN AND UTILITY PLAN FOR PUBLIC SAFETY CENTER		DRAWING NO. 2101 GP 2001 SHEET 4 OF 7 VWD	
--	--	--	--

CONSULTANT

APPROVED

NOTE:
NOTICE IS HEREBY GIVEN THAT, PURSUANT TO THE SAN MARCOS CITY CHARTER AND THE SAN MARCOS MUNICIPAL CODE, PAYMENT OF PREVAILING WAGES AND COMPLIANCE WITH THE CALIFORNIA LABOR CODE SECTION 1770 IS NOT REQUIRED FOR THIS PROJECT.

APPROVED

INSPECTED ARCHIVED
LARRY VOLFF
C-9784
1/11/2000
STATE OF CALIFORNIA

NO	DATE	BY	REMARKS

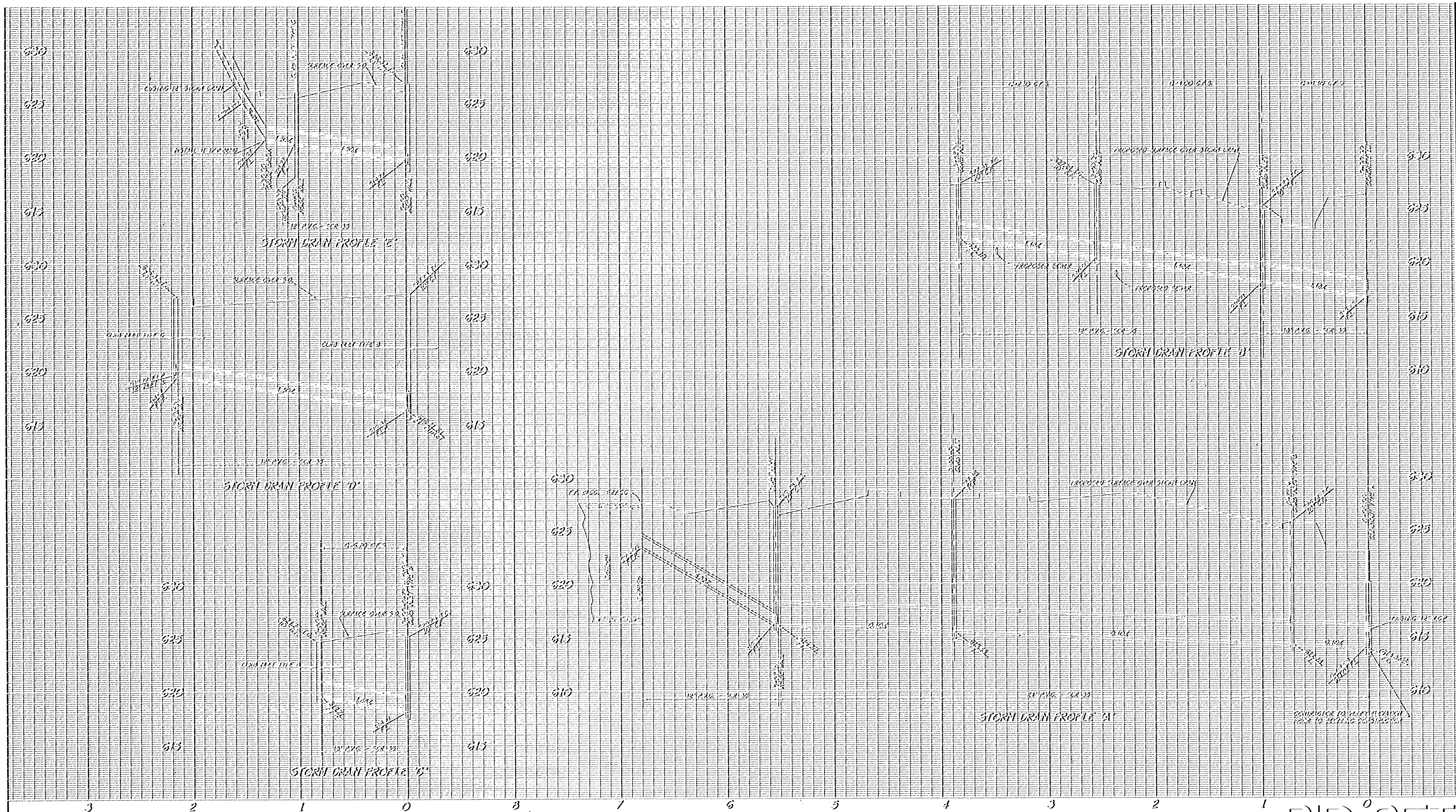
STORM DRAIN AND UTILITY PLAN

DRAWN
CHECKED
DATE JAN. 2000
SCALE AS NOTED
JOB NO. 98178

C-4

Virginia Dora Foster
10470 Foothill Blvd.
Rancho Cucamonga
California 91730-3751
Tel: 909 937 0909
Fax: 909 930 9980

City of San Marcos
Emergency Services Training Facility
Santar Place 92069
San Marcos, Ca

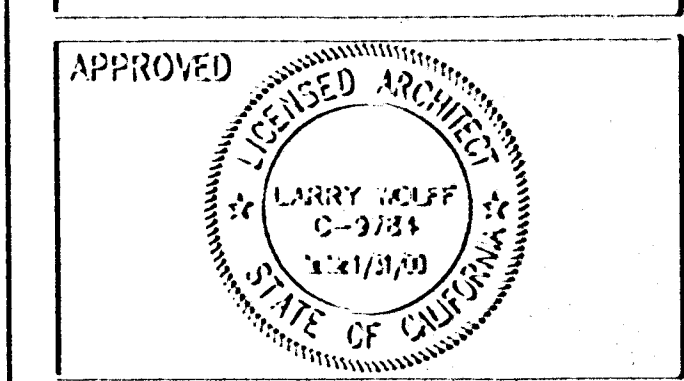


BID SET

INSPECTED AND RECOMMENDED
FOR 'AS BUILT' ACCEPTANCE

PLANS PREPARED BY LUNTO ENGINEERING 2411 WOLF LANE SUITE ESCOBEDO CALIFORNIA 92029 (760) 743-1001		CITY APPROVED CHANGES APPRO DATE RECOMMENDED FOR APPROVAL APPROVED FOR CONSTRUCTION DESIGN MARK CITY OF SAN MARCOS ENGINEERING DIVISION STORM DRAIN PROFILES FOR PUBLIC SAFETY CENTER		DRAWING NO. GP 2001 SHEET 3 OF 7 VMD	
SAN MARCOS FIRE DEPARTMENT VALLEJITOS WATER DISTRICT ENGINEER OF WORK PRISTON H. LARSEN, P.E. R.C.E. 43267, Exp. 12/2002 DATE 1-14-00	DESIGNED PROFESSIONAL ENGINEER RONALD M. LUTTO No. 20203 C.E.C. 2-19-01 STATE OF CALIFORNIA	APPROVED DATE	APPROVED DATE	NO. DATE BY REMARKS	DATE

NOTE:
NOTICE IS HEREBY GIVEN THAT, PURSUANT TO THE SAN MARCOS CITY CHARTER AND THE SAN MARCOS MUNICIPAL CODE, PAYMENT OF PREAWARD DANCES AND COMPLIANCE WITH THE CALIFORNIA LABOR CODE SECTION 1770 AT SAN IS NOT REQUIRED FOR THIS PROJECT.



STORM DRAIN PROFILES

DRAWN
CHECKED
DATE JAN. 2000
SCALE AS NOTED
JOB NO. 98173

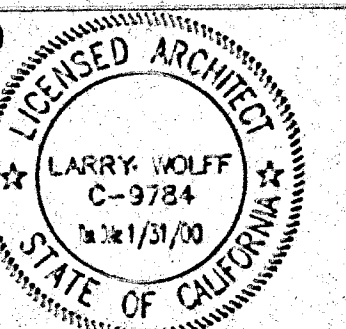
City of San Marcos
Emergency Services Training Facility
Santar Place
San Marcos, Ca 92069

CONSULTANT

APPROVED

NOTE:
NOTICE IS HEREBY GIVEN THAT,
PURSUANT TO THE SAN MARCOS CITY
CHARTER AND THE SAN MARCOS
MUNICIPAL CODE, PAYMENT OF PREVAILING
WAGES AND COMPLIANCE WITH THE
CALIFORNIA LABOR CODE SECTION 1770
AT 289 IS NOT REQUIRED FOR THIS
PROJECT.

APPROVED



NO.	DATE	BY	REMARKS

UTILITY
PLAN

DRAWN
CHECKED
DATE JAN. 2000
SCALE AS NOTED
JOB NO. 98173

C-3



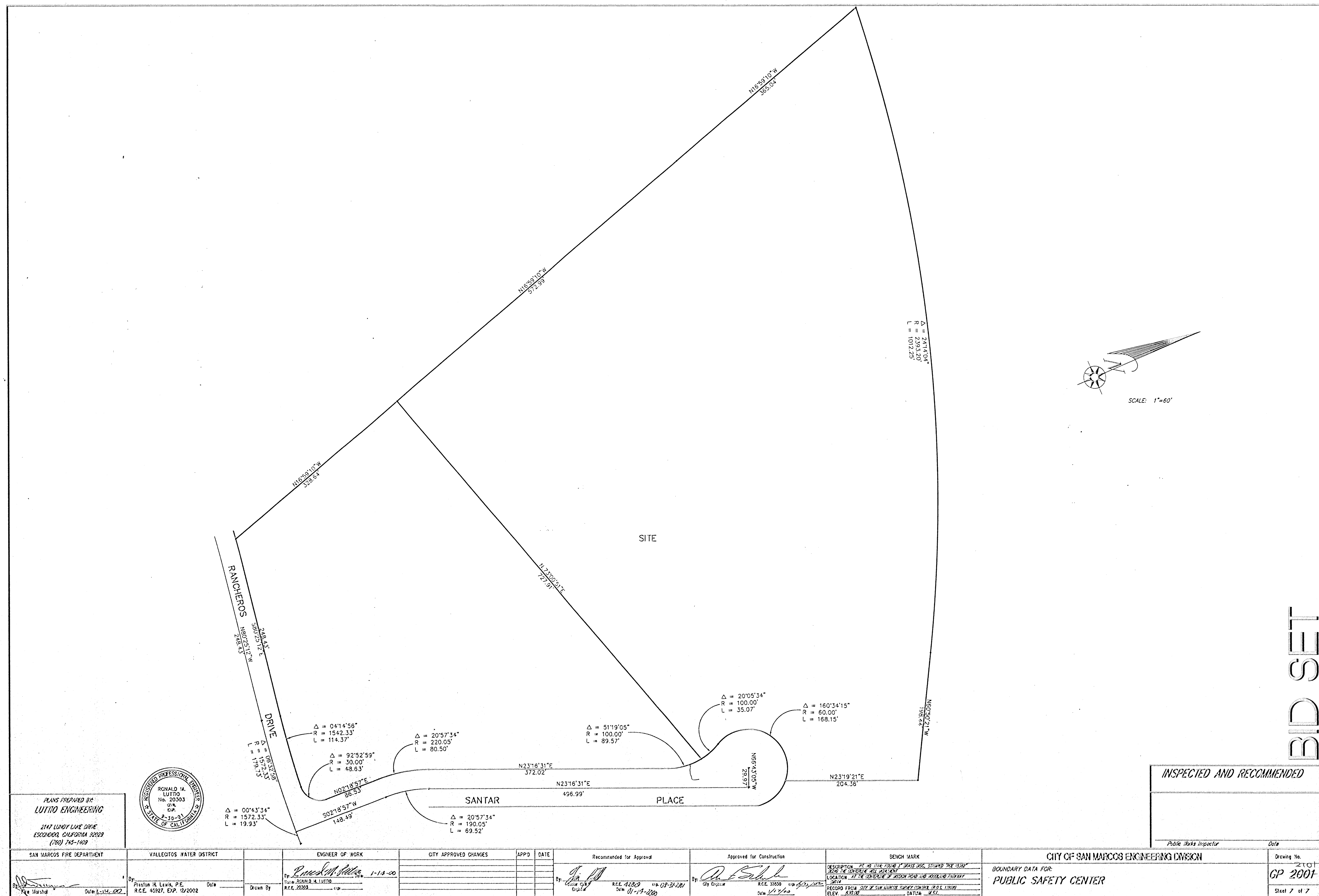
BID SET

INSPECTED AND RECOMMENDED
FOR 'AS BUILT' ACCEPTANCE

PLANS PREPARED BY: LUTTO ENGINEERING 2141 LLOYD LANE, SUITE 200 ESCONDIDO, CALIFORNIA 92029 (760) 745-1401		CITY APPROVED CHANGES		APPRO. DATE	RECOMMENDED FOR APPROVAL	APPROVED FOR CONSTRUCTION	BENCH MARK	CITY OF SAN MARCOS ENGINEERING DIVISION	Drawing No.
ENGINEER OF WORK <i>Ronald M. Lutto</i> 1-14-00								UTILITY PLAN FOR PUBLIC SAFETY CENTER	2101
By: <i>Piston H. Lewis, P.E.</i> Date: 1-14-00 R.C.E. 45927, EXP. 12/2002									GP 2001
Drawn By: <i>Ronald M. Lutto</i> R.E. 20038									Sheet 6 of 7

VWD

**City of San Marcos
Emergency Services Training Facility**
Santar Place 92069
San Marcos, Ca

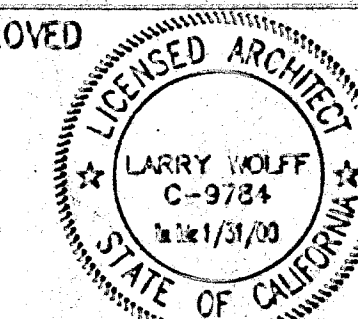


CONSULTANT

APPROVED

NOTE:
NOTICE IS HEREBY GIVEN THAT, PURSUANT TO THE SAN MARCOS CITY CHARTER AND THE SAN MARCOS MUNICIPAL CODE, PAYMENT OF PREVAILING WAGES AND COMPLIANCE WITH THE CALIFORNIA LABOR CODE SECTION 1770 IS NOT REQUIRED FOR THIS PROJECT.

APPROVED



NO.	DATE	BY	REMARKS
1	1-18-00	Ronald A. Luito	Initial Survey
2	1-18-00	Ronald A. Luito	Final Survey
3	1-18-00	Ronald A. Luito	Final Survey
4	1-18-00	Ronald A. Luito	Final Survey
5	1-18-00	Ronald A. Luito	Final Survey
6	1-18-00	Ronald A. Luito	Final Survey
7	1-18-00	Ronald A. Luito	Final Survey
8	1-18-00	Ronald A. Luito	Final Survey
9	1-18-00	Ronald A. Luito	Final Survey
10	1-18-00	Ronald A. Luito	Final Survey

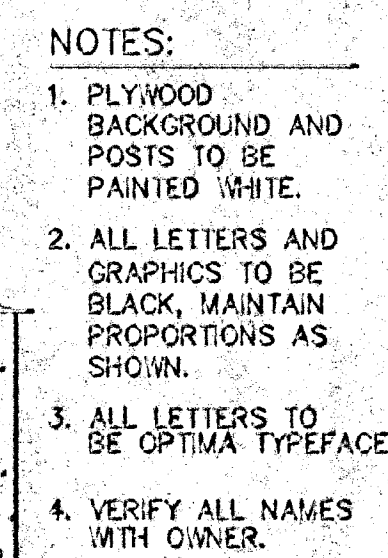
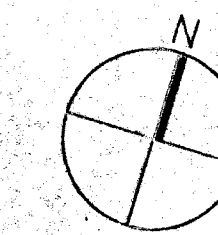
BOUNDARY DATA

DRAWN	CHECKED	DATE	SCALE	JOB NO.
		JAN. 2000	AS NOTED	981/8

C-7



Sanctar Place
San Marcos, Ca 92069



The diagram illustrates a vehicle stop sign assembly. It features a vertical post supporting a square sign face. The sign face has a width dimensioned as 1'-6". To the left of the post, there are three horizontal dimension lines indicating mounting heights: 1'-0" from the top edge of the sign, 1'-8" TYP. from the bottom edge of the sign, and 3'-0" from the ground level. Below the main sign, there is a smaller rectangular component, likely a reflective sheet or a secondary sign, with a height dimensioned as 2'-0". A callout line points to the side of the main sign with the text "OR BY TELEPHONING". Another callout line points to the base of the post with the text "FIN GRADE OR PAVING, SEE SITE PLAN". A third callout line points to the lower section of the post with the text "SLOPE TO DRAIN".

16 GA. GALV STL SIGN PAINTED W/ WHITE REFLECTORIZED PAINT INCLUDING FASTENERS W/ 1" HIGH BLACK REFLECTORIZED PAINTED GRAPHICS AS FOLLOWS:

- UNAUTHORIZED VEHICLES PARKED IN DESIGNATED HANDICAPPED SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR LICENSE PLATES ISSUED FOR PERSONS W/ DISABILITIES MAY BE TOWED AWAY AT OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT TELEPHONING _____ OR BY _____

NOTE:

- CONTRACTOR TO VERIFY RECLAM LOCATION AND TELEPHONE NO. W/ OWNER.
- 3"-10 X 3/4" SELF TAPPING VANDAL PROOF SCREWS TYP.
- 2" DIA STD WT STL PIPE POST - GALV
- FIN GRADE OR PAVING, SEE SITE PLAN
- SLOPE TO DRAIN

1'-0"

16 GA. GALV. STL. SIGN PAINTED W/ BLUE REFLECTORIZED PAINT INCLUDING FASTENERS

INTERNATIONAL SYMBOL OF ACCESSIBILITY AND GRAPHICS PAINTED W/ WHITE REFLECTORIZED PAINT - GRAPHICS AS FOLLOWS: RESERVED FOR HANDICAPPED VAN ACCESSIBLE

1" R

1" TYP

3 - #10 x 3/4" SELF TAPPING VANDAL PROOF SCREWS

VAN ACCESSIBLE SIGN REQUIRED @ 4 LOCATIONS

6" - 8" ABOVE PARKING SURFACE


VERIFY

2" DIA STD WT STL PIPE POST - GALV

FINISH GRADE

1'-0" DIA CONC. FTG - SLOPE TOP TO DRAIN

APPROVED



A circular professional engineer seal for the State of California. The outer ring contains the text "LICENSED ARCHITECT" at the top and "STATE OF CALIFORNIA" at the bottom, separated by two stars. The center of the seal features the name "VOLUFF" above the number "34", which is above the date "3/00". A vertical line, possibly a signature or a stamp, runs through the center of the seal.

SITE PLAN

DRAWN	A-11
CHECKED	
DATE JAN. 2000	
SCALE AS NOTED	
JOB NO. 98178	

A-11

WEATHERPROOF ENCLOSURE WITH CARD READER AND "KNOX" KEY OPERATED SWITCH. VERIFY SIZE OF ENCLOSURE REQUIRED

CONDUIT THROUGH POST AND FOOTING

3" DIA. TUBE STEEL POST. PAINTED WELD & GRIND SMOOTH ALL JOINTS

CARD READER

"KNOX" KEY SWITCH

CARD READER ELEVATION

Technical drawing of a manhole assembly showing a cross-section. The drawing includes a 4-inch diameter galvanized steel pipe with a crown grout cap and smooth trowel finish, grouted and painted. This pipe is surrounded by a concrete sidewalk. Below the sidewalk is a 18-inch diameter concrete footing with a sloped top for drainage. The footing is shown with a hatched pattern. Dimensions are indicated with arrows and numbers: 4 inches for the pipe diameter, 18 inches for the footing diameter, and various other measurements for the concrete structure.

Labels and dimensions:

- CROWN GROUT CAP-- SMOOTH TROWEL FINISH
- 4" DIA GALV STL PIPE, GROUT SOLD - PAINT
- CONC SIDEWALK
- 18" DIA CONC FTG, SLOPE TOP OF FTG TO DRAIN

1" RADIUS, TYP.

4" THICK CONC. SIDEWALK

1'-0"

1/3 SLAB DEPTH
SAW CUT, 16 TO 20 HRS.
AFTER POUR.

CONTROL JOINT C/J1
VEHICULAR AREAS

1" X 3" FORMED KEY
#4 X 18" LONG SMOOTH
DOWEL @ 24" O.C.

CONTROL JOINT C/J2
VEHICULAR AREAS

1/4" WIRE FABRIC REINFORCEMENT

TOOLED JOINT T/J1
PEDESTRIAN AREAS

1/4" WIRE FABRIC REINFORCEMENT
1/4" BITUMINOUS FELT.

The diagram shows a square sign with a wheelchair symbol in the center. The symbol is composed of a circle and a chair-like shape. The sign has a blue background and a white border. Dimensions are given in feet and inches: the total width is 3'-0" (2'-8" for the background and 2" for the border on each side), and the total height is 3'-0" (2'-8" for the background and 2" for the border on each side). Labels indicate: WHITE TRAFFIC PAINT SYMBOL & BORDER, BLUE TRAFFIC PAINT BACKGROUND, and dimensions: 3'-0", 2'-8", 2", 2", 2'-8", 3'-0".

NOTE:

- 1) ALL STROKES TO BE 2" WIDE
- 2) PROVIDE TWO (2) COATS OF TRAFFIC PAINT
- 3) LOCATE SYMBOL AT CENTER OF STALL WHERE SHOWN ON SITE PLAN

1'-0"

16 GA. GALV STL SIGN PAINTED W/ BLUE REFLECTORIZED PAINT INCLUDING FASTENERS

INTERNATIONAL SYMBOL OF ACCESSIBILITY AND GRAPHICS PAINTED W/ WHITE REFLECTORIZED PAINT - GRAPHICS AS FOLLOWS: RESERVED FOR HANDICAPPED VAN ACCESSIBLE

1" R

1" TYP

3 - #10 x 3/4" SELF TAPPING VANDAL PROOF SCREWS

VAN ACCESSIBLE SIGN REQUIRED @ 4 LOCATIONS.

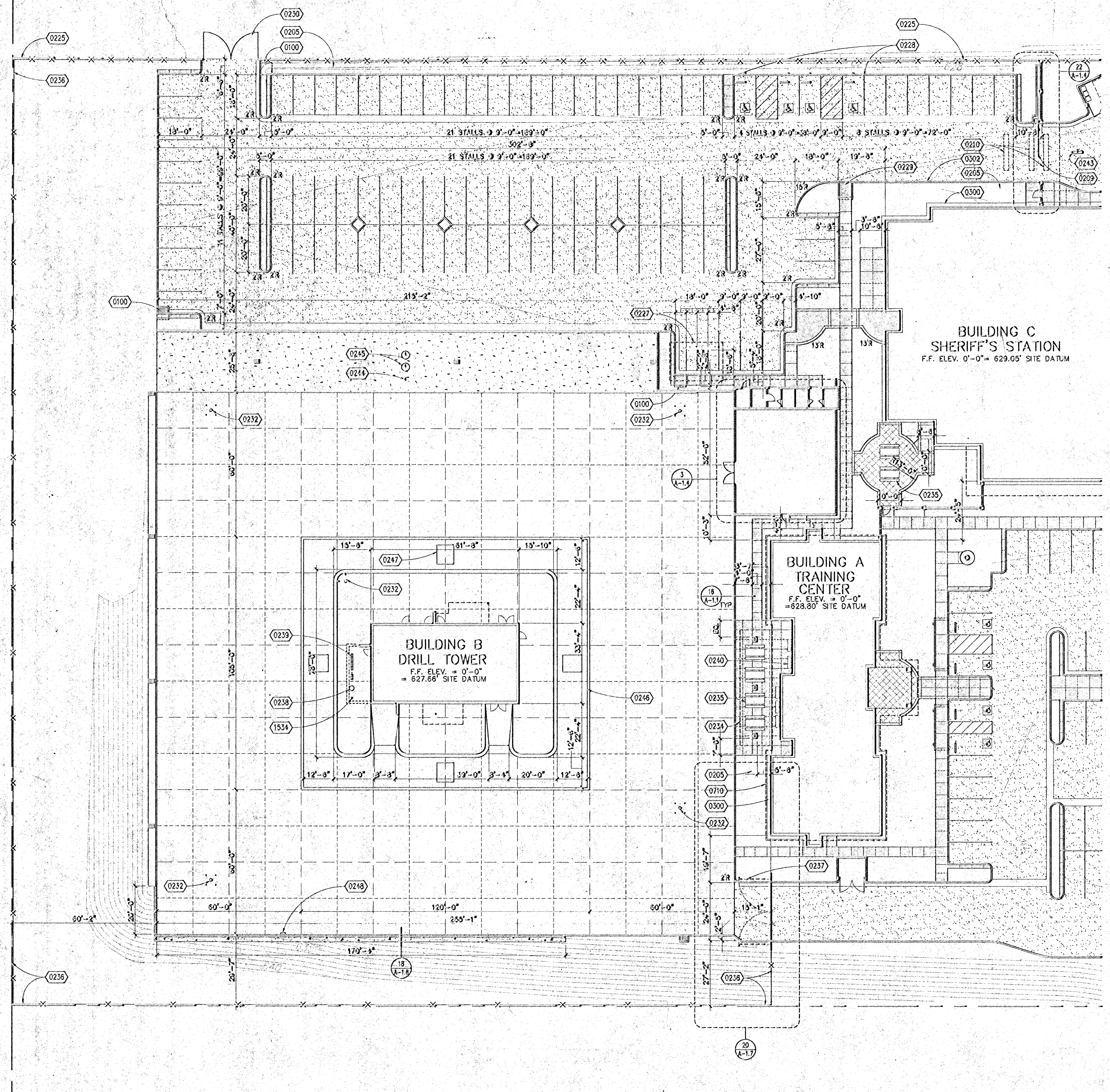
VERIFY

1'-8" ABOVE PARKING SURFACE

2" DIA STD WT STL PIPE POST - GALV FINISH GRADE

1'-0" DIA CONC FTG - SLOPE TOP TO DRAIN

PARKING SIGN	1/2"=1'-0"	4
--------------	------------	---



- MATERIAL LEGEND**
- COLORLED CONCRETE PAVING
 - CONCRETE JOINT C/J1, SEE 12/A-1.1
 - CONCRETE JOINT C/J2, SEE 12/A-1.1
 - ASPHALT CONCRETE PAVING
 - PARKING STRIPES, TYP.
 - COLORLED CONCRETE CURB, TYP. SEE CIVIL DRAWINGS
 - 3'-8" X 3'-8" PLANTING WELL
 - COLORLED CONCRETE SIDEWALK
 - PARKING STRIPES, TYP.
 - COLORLED CONCRETE CURB
 - 4'-0" X 4'-0" PLANTING WELL
 - EXPANSION JOINT E/J1, SEE 12/A-1.1
 - TOOLED JOINT T/J1, SEE 12/A-1.1
 - COLORLED CONCRETE SIDEWALK
 - EXPOSED AGGREGATE FINISH, 1'-0" X 1'-0" PATTERN
 - SMOOTH FINISH, 1'-0" WIDE TYP.
 - COLORLED CONCRETE SIDEWALK WITH SMOOTH FINISH
 - COLORLED CONCRETE CURB
 - ASPHALT CONCRETE PAVING
 - LANDSCAPING
 - 2'-0" TYP.
 - DECOMPOSED GRANITE
 - T.O.M.
 - TOP OF MASONRY WALL
 - CONCRETE MASONRY ENCLOSURE OR RETAINING WALL, SEE DETAILS INDICATED. 8" WIDE, TYP. U.M.O.
 - DRAINAGE STRUCTURES, SEE CIVIL DRAWINGS
 - ADDITIVE ALTERNATE
 - CONCRETE MASONRY WALL, SEE 1/A-1.8
 - 1'-4" X 1'-4" CONCRETE MASONRY PILASTER
 - PARTIAL HEIGHT CONC. MASONRY WALL WITH STEEL TUBE FENCING

MATERIAL LEGEND

1. SEE CIVIL, MECHANICAL, PLUMBING, ELECTRICAL AND LANDSCAPE SITE PLANS FOR LOCATION OF ADDITIONAL SITE ITEMS.

- GENERAL NOTES**
- 0100 STORM DRAIN CURB INLET, TYPICAL, SEE CIVIL DRAWINGS
 - 0205 LANDSCAPING, SEE LANDSCAPE DRAWINGS
 - 0209 ROLLING GATE
 - 0210 CONC. ENCASED GATE SENSOR LOOPS, TYPICAL
 - 0225 6'-0" HIGH CHAIN LINK FENCE - INCLUDED IN BASE BID
 - 0227 COVERED PARKING STRUCTURE, SEE 16/A-1.7-ADDITIVE ALTERNATE No. 3
 - 0228 ACCESSIBLE PARKING, SEE 16/A-1.5
 - 0229 ACCESSIBLE RAMP, SEE 16/A-1.5
 - 0230 23'-0" WIDE CHAIN LINK GATE - INCLUDED IN BASE BID
 - 0232 FIRE HYDRANT AND PIPE BOLLARD, SEE 2/A-1.6
 - 0234 SHADE STRUCTURE, SEE 2/A-1.7 - ADDITIVE ALTERNATE No. 3
 - 0235 CONCRETE PICNIC TABLE
 - 0236 6'-0" HIGH CHAIN LINK FENCE - ADDITIVE ALTERNATE No. 1
 - 0237 MANUAL STEEL GATE, SEE 7/A-1.6
 - 0238 MAN HOLE COVER, SEE 3/A-1.6
 - 0239 PUMP PIT TEST MONITOR, SEE 4/A-1.6
 - 0240 CONCRETE BENCH
 - 0243 POST MOUNTED CARD READER AND KNOX KEY SWITCH, SEE 22/A-1.4
 - 0244 PICKET SLEEVE, GROUND ANCHORED, SEE 20/A-1.6
 - 0245 PICKET SLEEVE, CONCRETE ANCHORED, SEE 24/A-1.6
 - 0246 TRENCH DRAIN, SEE CIVIL DRAWINGS
 - 0247 CLARIFIER, SEE CIVIL DRAWINGS
 - 0248 LADDER SUPPORT, SEE 19/A-1.6
 - 0300 CONCRETE W/8 STRIP AT BUILDING PERIMETER, SEE 5/A-8.2
 - 0302 CONCRETE CURB, TYPICAL, SEE CIVIL DRAWINGS
 - 0710 LINE OF OVERHANG
 - 1534 PICK-UP TUBE, SEE PLUMBING DRAWINGS

REFERENCE NOTES

NO	DATE	BY	REMARKS



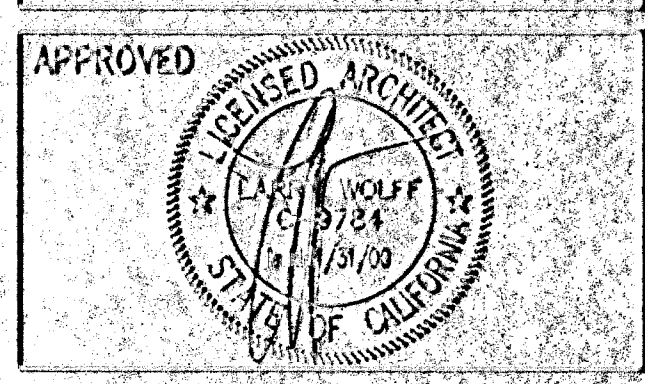
Virginia Dary Tower
10470 Foothill Blvd
Rancho Cucamonga
California 91730-3751
Tel: 909 937 0909
Fax: 909 930 9930

City of San Marcos
Emergency Services Training Facility
Sanar Place 92069
San Marcos, Ca

CONSULTANT

APPROVED

NOTE:
NOTICE IS HEREBY GIVEN THAT PURSUANT TO THE SAN MARCOS CITY CHARTER AND THE SAN MARCOS MUNICIPAL CODE, PAYMENT OF PREVAILING WAGES AND COMPLIANCE WITH THE CALIFORNIA LABOR CODE SECTION 1770.8 IS NOT REQUIRED FOR THIS PROJECT.



NO	DATE	BY	REMARKS

PARTIAL ENLARGED SITE PLAN

DRAWN	CHECKED	DATE	SCALE	JOB NO.
		JAN. 2000	AS NOTED	98173

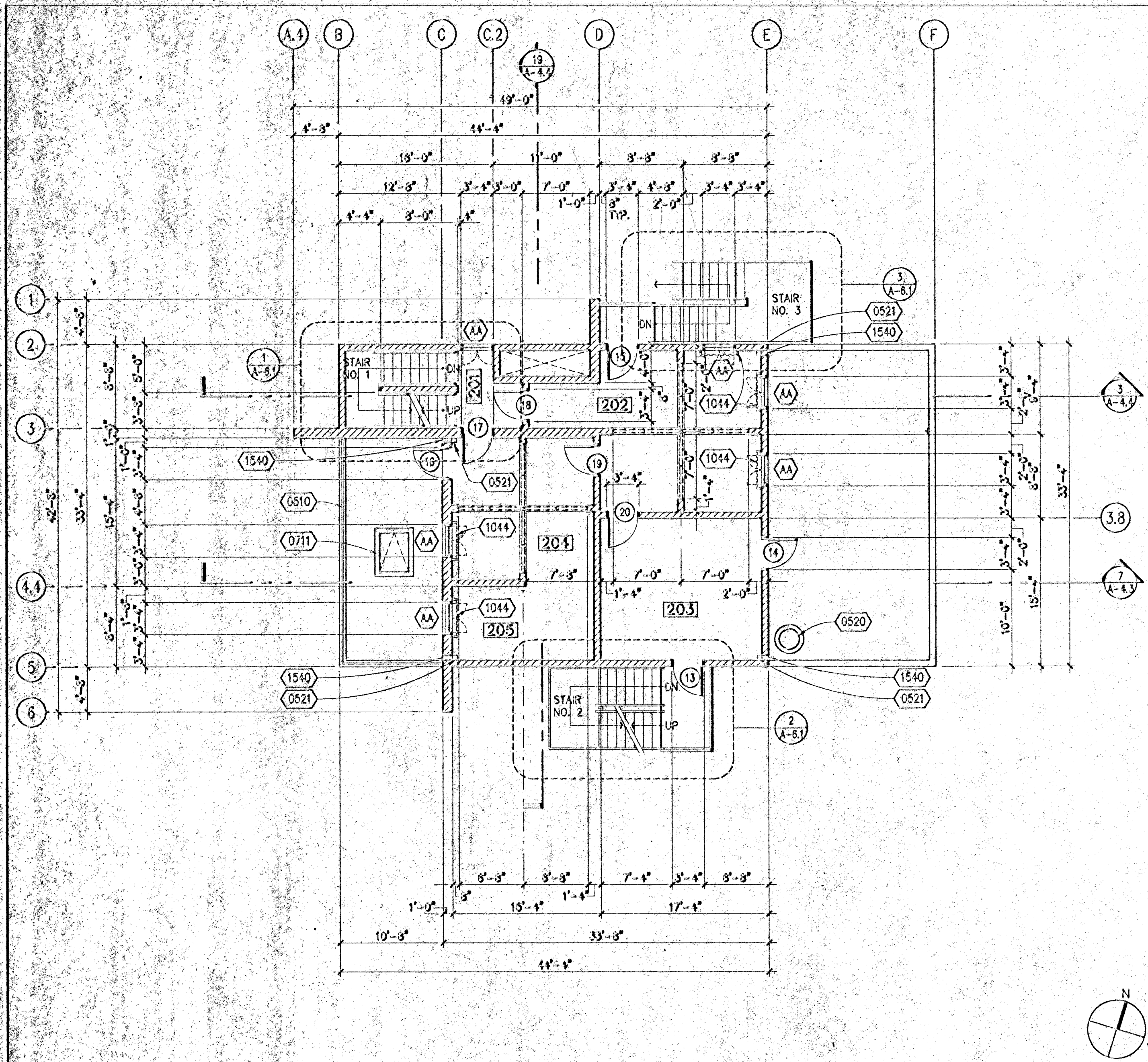
PARTIAL SITE PLAN

1"=20'-0"

3

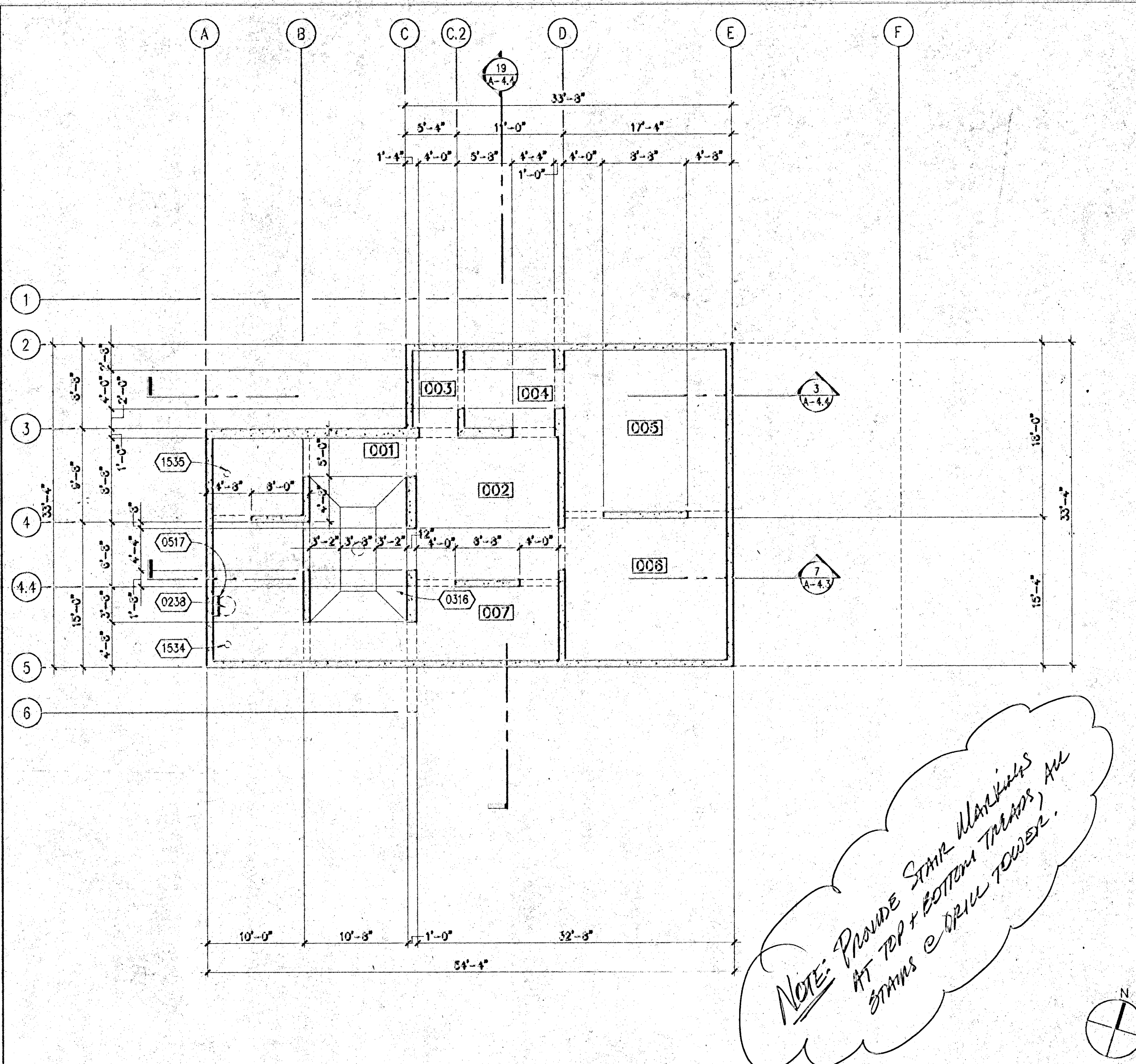
REFERENCE NOTES

A-12



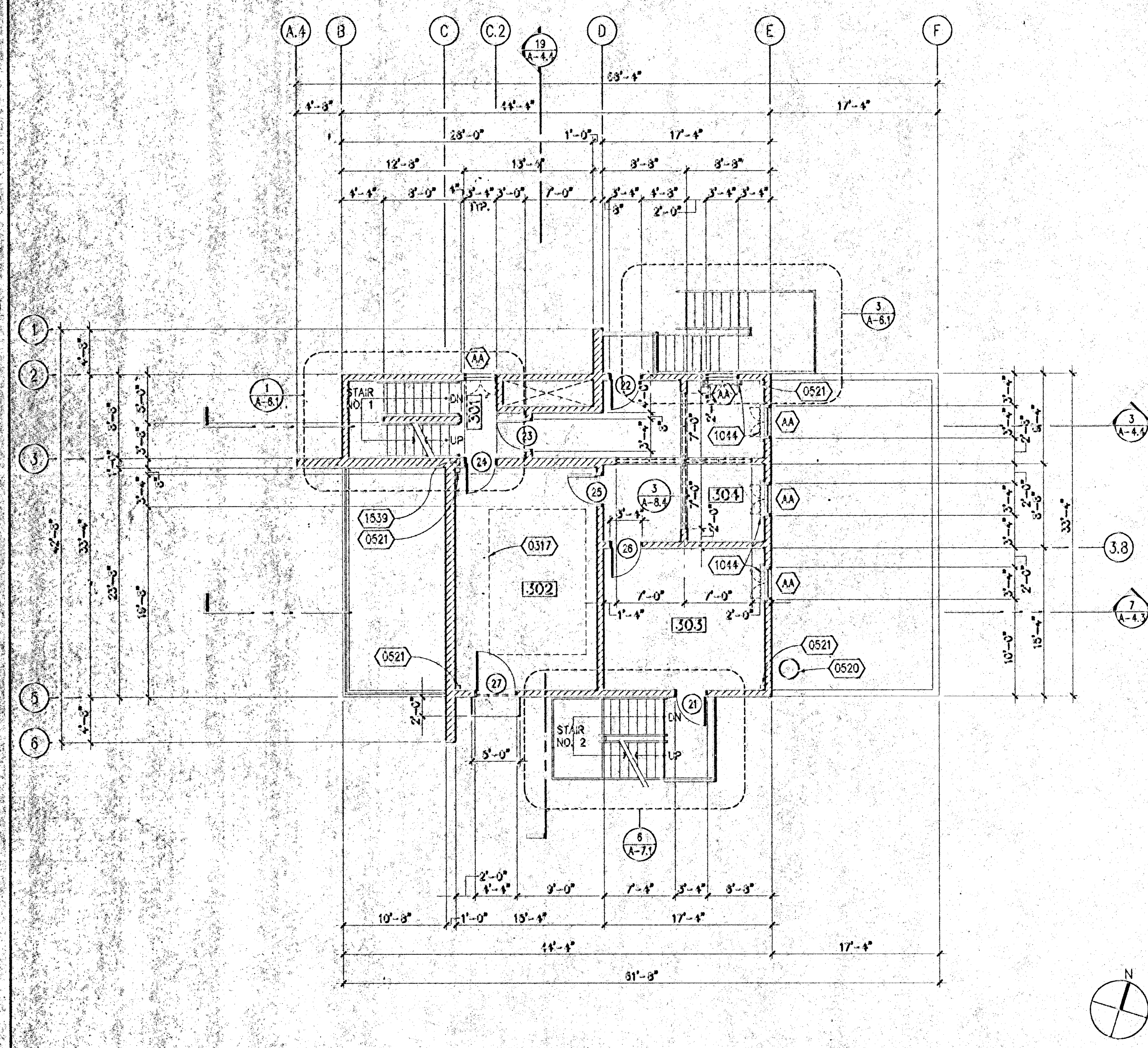
SECOND FLOOR PLAN

1/8"=1'-0" 14



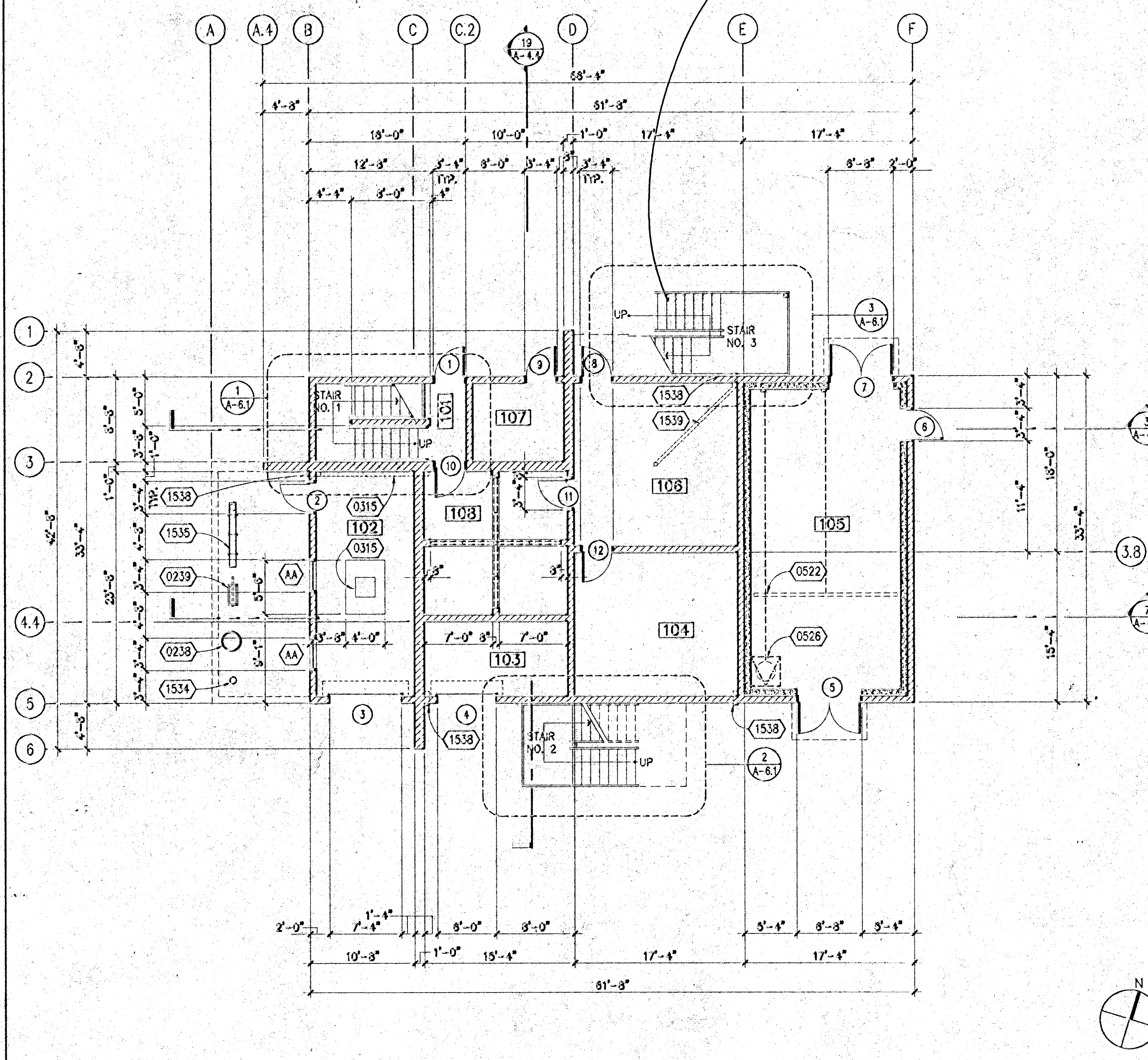
CISTERN LEVEL PLAN

1/8"=1'-0" 3



THIRD FLOOR PLAN

1/8"=1'-0" 13



FIRST FLOOR PLAN

1/8"=1'-0" 3

001	CISTERN ROOM #1	
002	CISTERN ROOM #2	
003	CISTERN ROOM #3	
004	CISTERN ROOM #4	
005	CISTERN ROOM #5	
006	CISTERN ROOM #6	
007	CISTERN ROOM #7	
101	HALLWAY	
102	PUMP ROOM	
103	STORAGE ROOM	
104	ROOM	
105	FIRE BEHAVIOR ROOM	
106	ROOM	
107	CONTROL ROOM	
108	MAZE ROOM #1	
201	HALLWAY	
202	MAZE ROOM #2	
203	ROOM	
204	MAZE ROOM #3	
205	ROOM	
301	HALLWAY	
302	PROP ROOM	
303	ROOM	
304	MAZE ROOM #4	

ROOM LEGEND

- CONCRETE MASONRY, SPLIT FACED AT ALL EXTERIOR EXPOSED LOCATIONS. SMOOTH FACE AT ALL INTERIOR LOCATIONS. 3" WIDE U.N.O. SEE EXTERIOR ELEVATIONS AND 20/A-2.3 FOR COLOR LOCATIONS.
- POURED-IN-PLACE CONCRETE WALL
- REFRACTORY CONCRETE AT CEILING, FLOOR, AND ALL WALLS OF ROOM 105
- 2 1/2" TUBE STEEL W/POLYWOOD FACE DEMOUNTABLE "MAZE" PANELS
- PARTIAL HEIGHT CONCRETE MASONRY WALL

WALL LEGEND

- MAN HOLE COVER, SEE 3/A-1.6
- PUMP PIT TEST MONITOR, SEE 4/A-1.6
- 4" CONCRETE PAD, SEE HECB DIMS. FOR SIZE OF OPENINGS IN PAD
- 4'-0" DEEP SUMP, SLOPE WALLS TO CENTER OF PIT
- LINE OF OPENING ABOVE
- RAILING, SEE 20/A-2.5
- LADDER-EDGED INTO CONC., SEE 19/A-8.4
- 14 GA. STAINLESS STEEL VENT STACK, SEE 11/A-8.4
- 4"x4" GALVANIZED METAL DRAIN/DOWNSPOUT, SEE PLUMBING
- STEEL FRAME DRAFT CURTAIN, SEE 4/A-3
- SMOKE STACK CHIMNEY, SEE 12/A-8.4
- ROOF HATCH ON 6" CONC. CURB
- GALV. METAL CURTAIN ROD & WATERPROOF. CANVAS BLACKOUT CURTAIN
- PICK-UP TUBE, SEE PLUMBING DRAWINGS
- RECOVERY TUBE, SEE PLUMBING DRAWINGS
- DRAIN THROUGH WALL
- DRAIN LINE ABOVE
- THRU-WALL SOUPPER

NOTE: PROVIDE SOME WALLS AT TOP + BOTTOM TOWERS, ALL STAIRS & DRIVE TOWERS.

CONSULTANT

APPROVED

NOTE:
NOTICE IS HEREBY GIVEN THAT, PURSUANT TO THE SAN MARCOS CITY CHARTER AND THE SAN MARCOS MUNICIPAL CODE, PAYMENT OF PREVAILING WAGES AND COMPLIANCE WITH THE CALIFORNIA LABOR CODE SECTION 1770 (A) IS NOT REQUIRED FOR THIS PROJECT.

APPROVED
LICENSED ARCHITECT
LARRY C. WOLF
12/13/00
STATE OF CALIFORNIA

NO	DATE	BY	REMARKS

BUILDING B
FLOOR PLAN

DRAWN
CHECKED
DATE JAN. 2000
SCALE AS NOTED
JOB NO. 98178

FIRST FLOOR

SECOND FLOOR

THIRD FLOOR

FOURTH FLOOR

FIFTH FLOOR

MASONRY COLOR KEY

TYPE 1

TYPE 2

TYPE 3

FOURTH FLOOR PLAN

FIFTH FLOOR PLAN

ROOM LEGEND

8" OR 12" CONCRETE MASONRY WALL, PARTIAL HEIGHT

CONCRETE MASONRY, SPLIT FACED AT ALL EXTERIOR EXPOSED LOCATIONS. SMOOTH FACE AT ALL INTERIOR LOCATIONS. 8" WIDE U.N.O. SEE EXTERIOR ELEVATIONS AND 20/A-2.3 FOR COLOR LOCATIONS.

POURED-IN-PLACE CONCRETE WALL

REFRACTORY CONCRETE AT CEILING, FLOOR, AND ALL WALLS OF ROOM 105

2 1/2" TUBE STEEL W/PLYWOOD FACE DEMOUNTABLE "MAZE" PANELS

PARTIAL HEIGHT CONCRETE MASONRY WALL

WALL LEGEND

VENT PROP SADDLE IN CONC. CURB, SEE 8/A-8.4

RAILING, (SEE 20/A-2.5) NOT PROVIDED

14 GA. STAINLESS STEEL VENT STACK, SEE 11/A-8.4

SELF-CLOSING METAL PIPE RAIL GATE

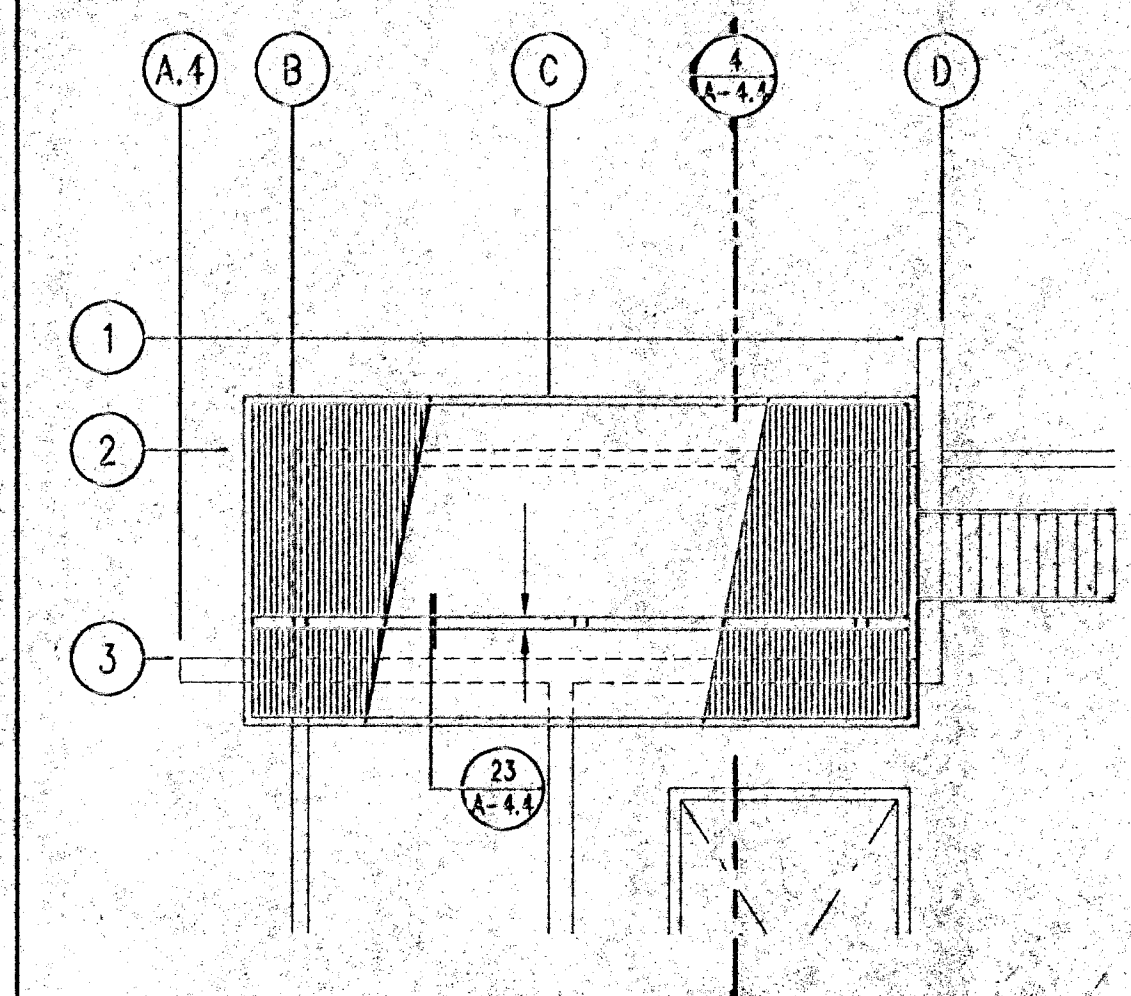
ROOF DECK ANCHOR, SEE 14 AND 18/A-8.4

ROOF DRAIN, SEE 21/A-8.4

DRAIN LINE ABOVE

THRU-WALL SCUPPER

REFERENCE NOTES



CANOPY ROOF PLAN

WLC Architects

Virginia Dare Tower
10470 Foothill Blvd
Rancho Cucamonga
California 91730-3754
tel: 909 387 0309
fax: 909 380 9380

City of San Marcos
Emergency Services Training Facility

Sanitar Place
San Marcos, Ca 92069

CONSULTANT

APPROVED

NOTE:
NOTICE IS HEREBY GIVEN THAT, PURSUANT TO THE SAN MARCOS CITY CHARTER AND THE SAN MARCOS MUNICIPAL CODE, PAYMENT OF PREVAILING WAGES AND COMPLIANCE WITH THE CALIFORNIA LABOR CODE SECTION 1770 AT 239 IS NOT REQUIRED FOR THIS PROJECT.

APPROVED

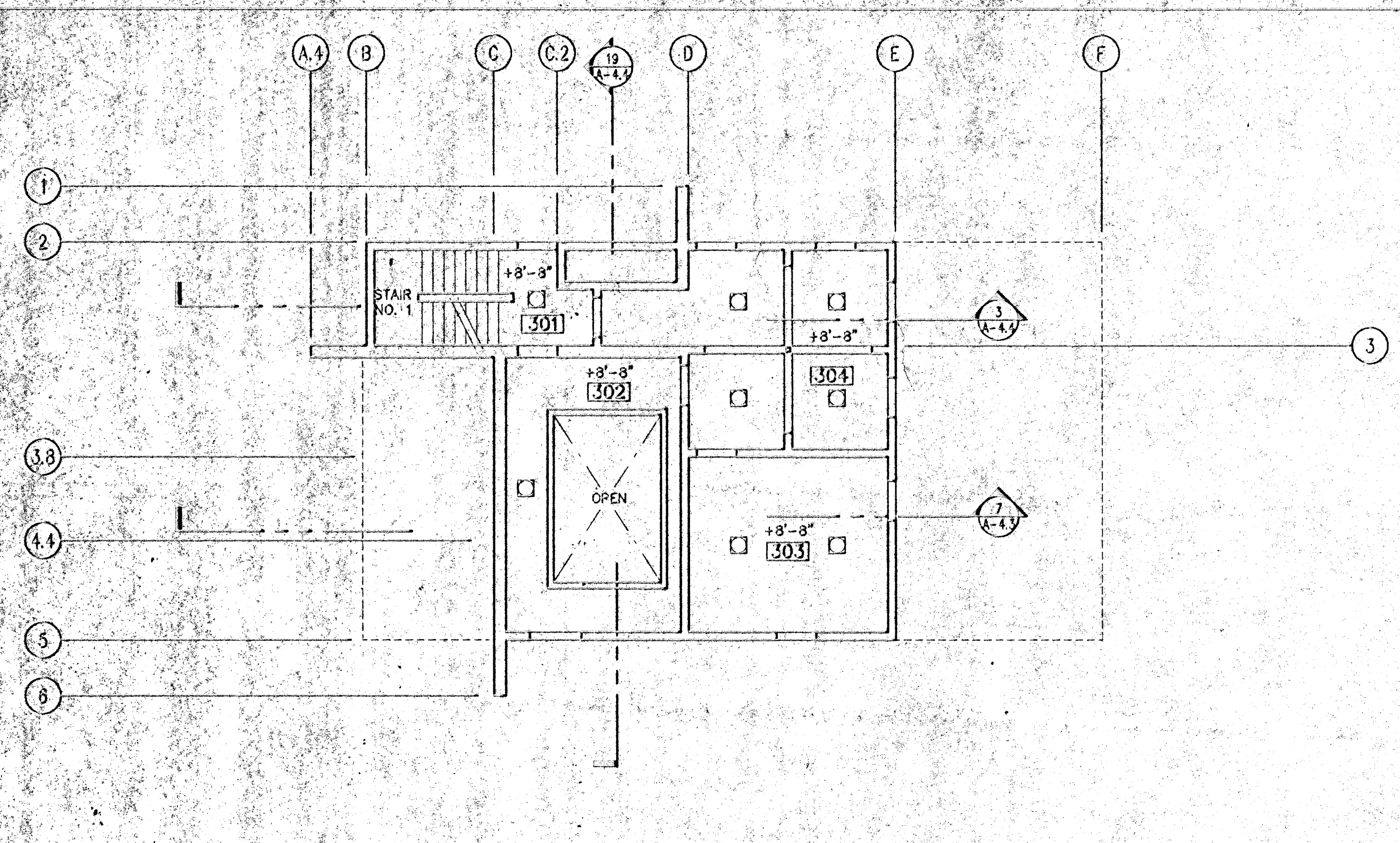
UNIVERSITY OF CALIFORNIA
JAN 11/2/00
STATE OF CALIFORNIA

NO DATE BY REMARKS

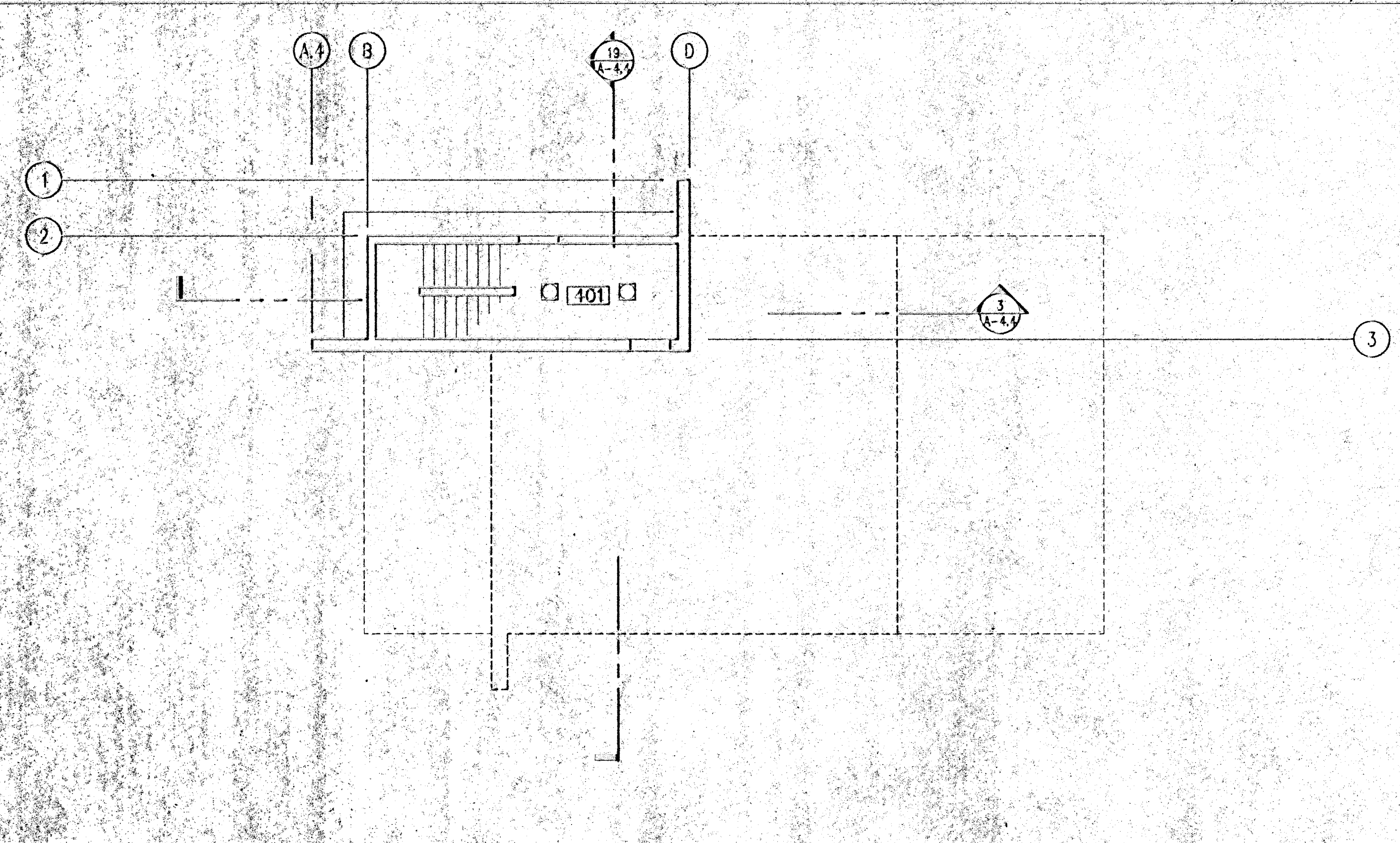
BUILDING B
FLOOR
PLAN

DRAWN
CHECKED
DATE JAN. 2000
SCALE AS NOTED
JOB NO. 98178

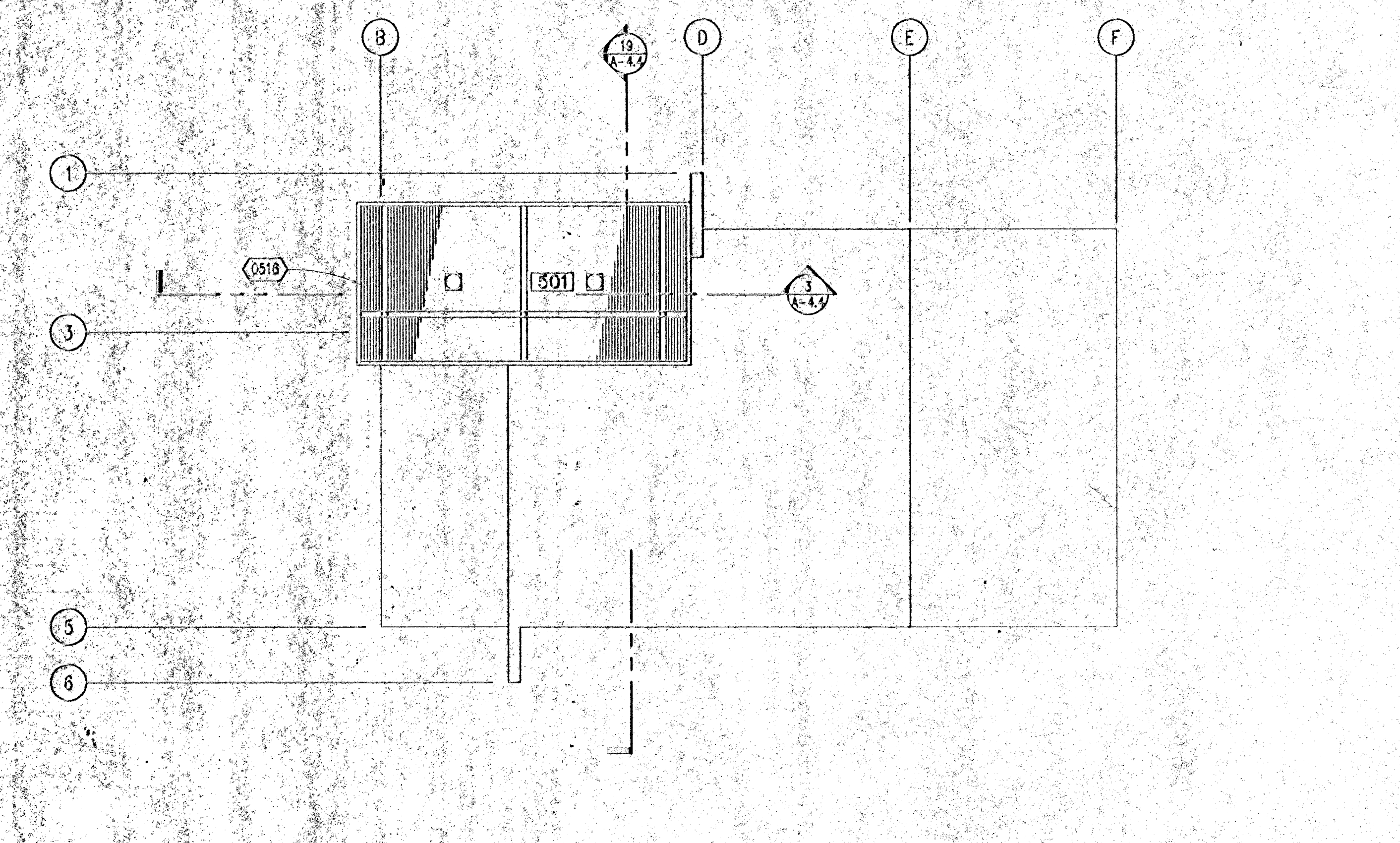
A-23



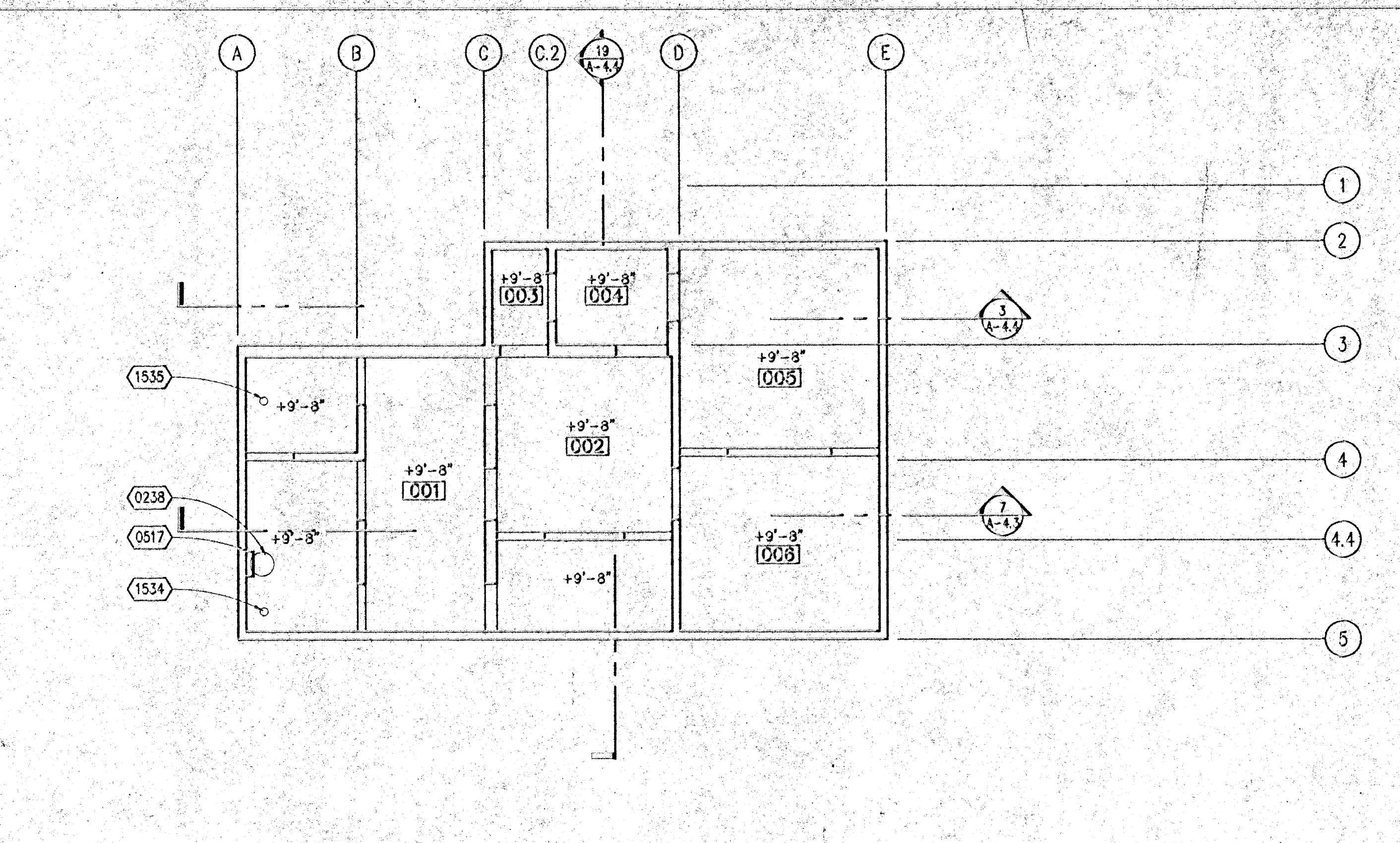
BLDG. B THIRD FLOOR REFL. CELL. PLAN 1/8"=1'-0" 3



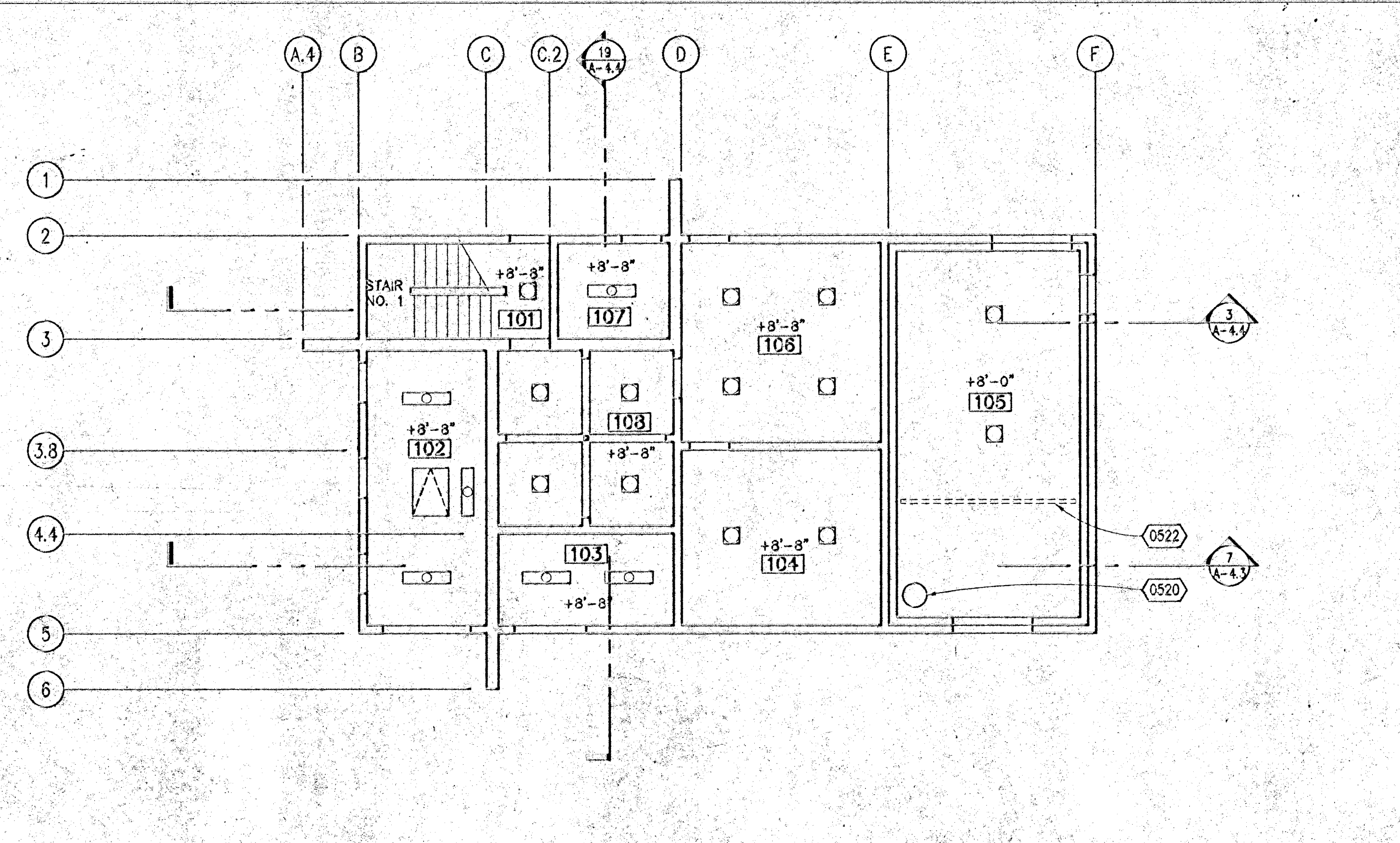
BLDG. B FOURTH FLOOR REFL. CELL. PLAN 1/8"=1'-0" 9



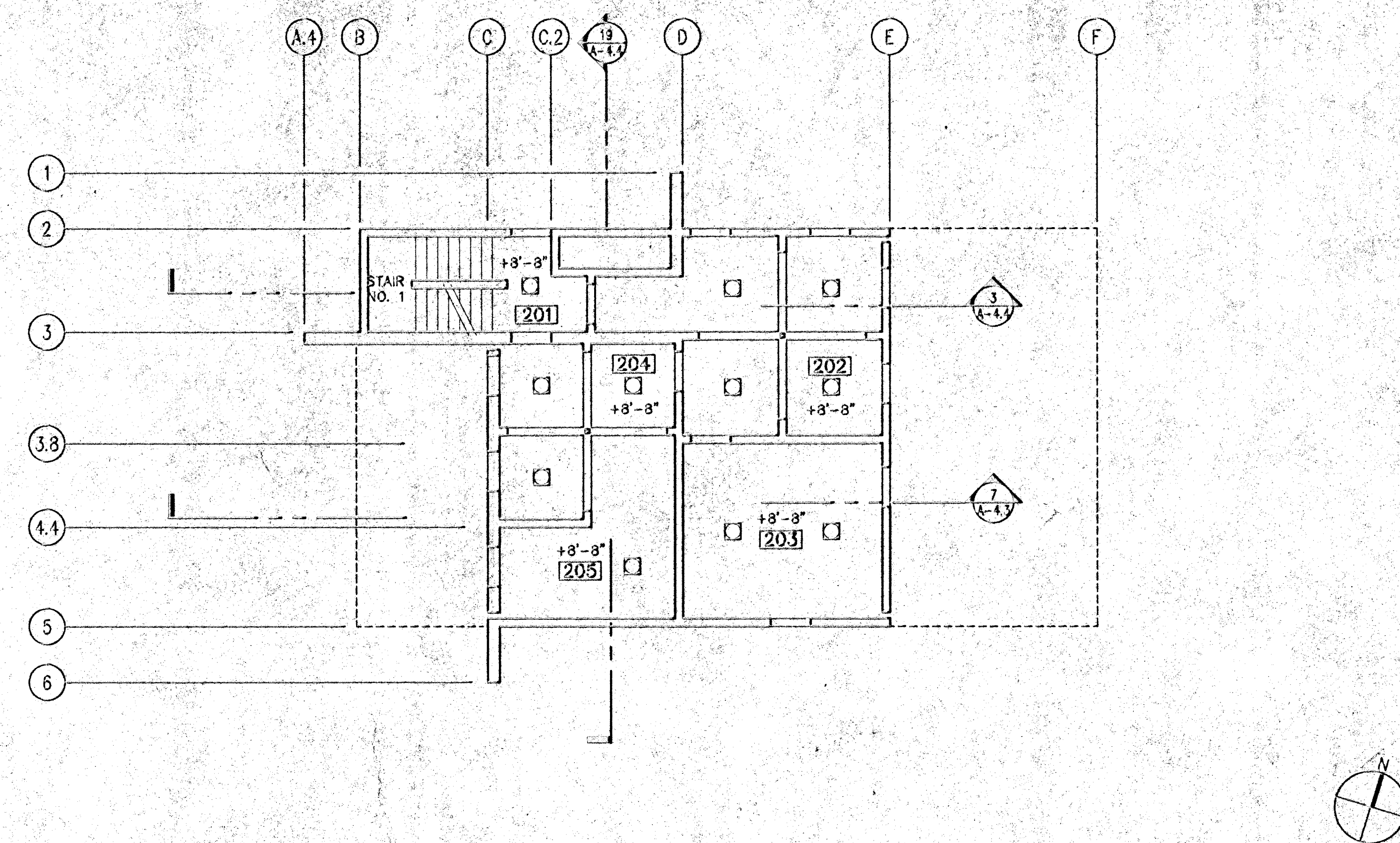
BLDG. B FIFTH FLOOR REFL. CELL. PLAN 1/8"=1'-0" 10

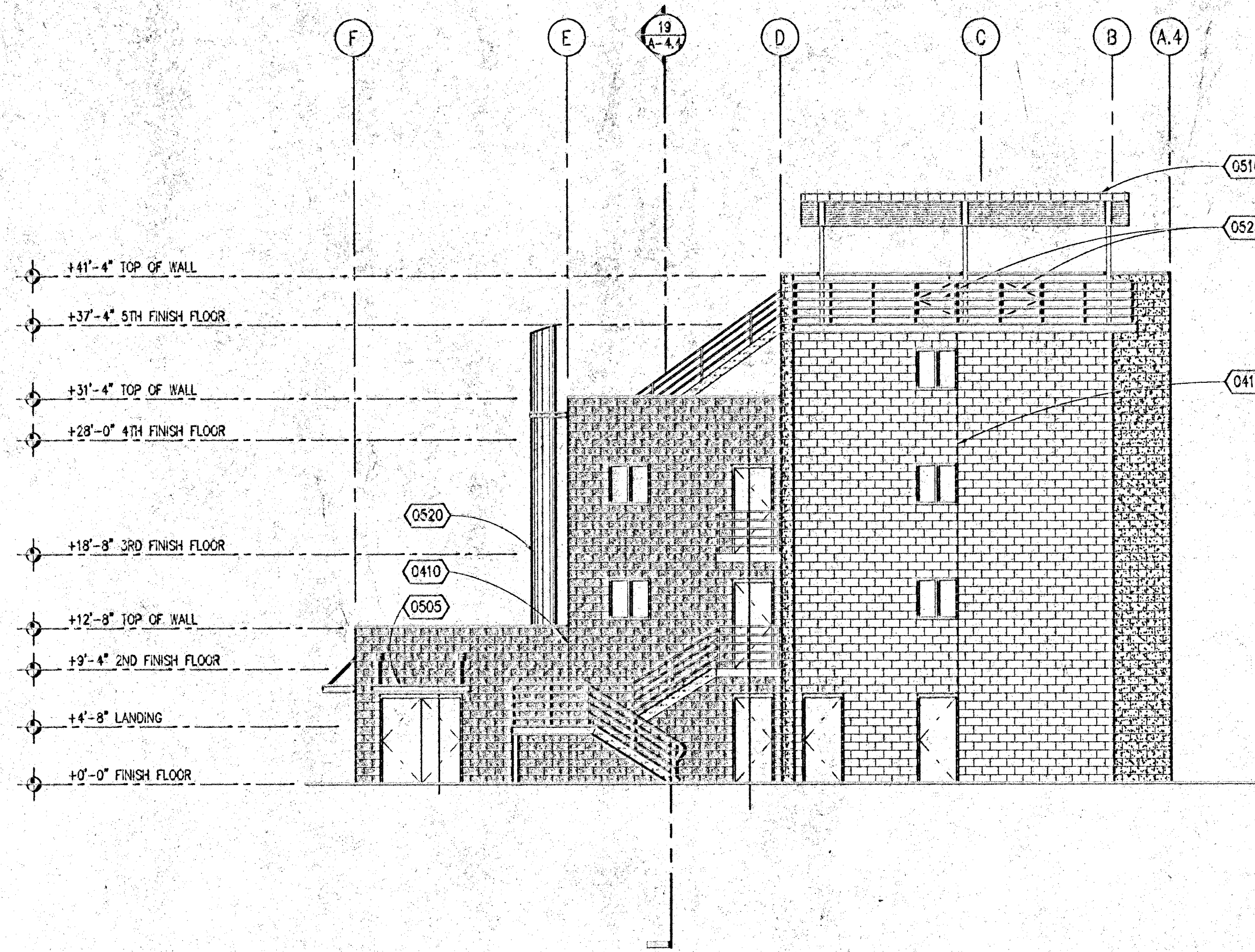
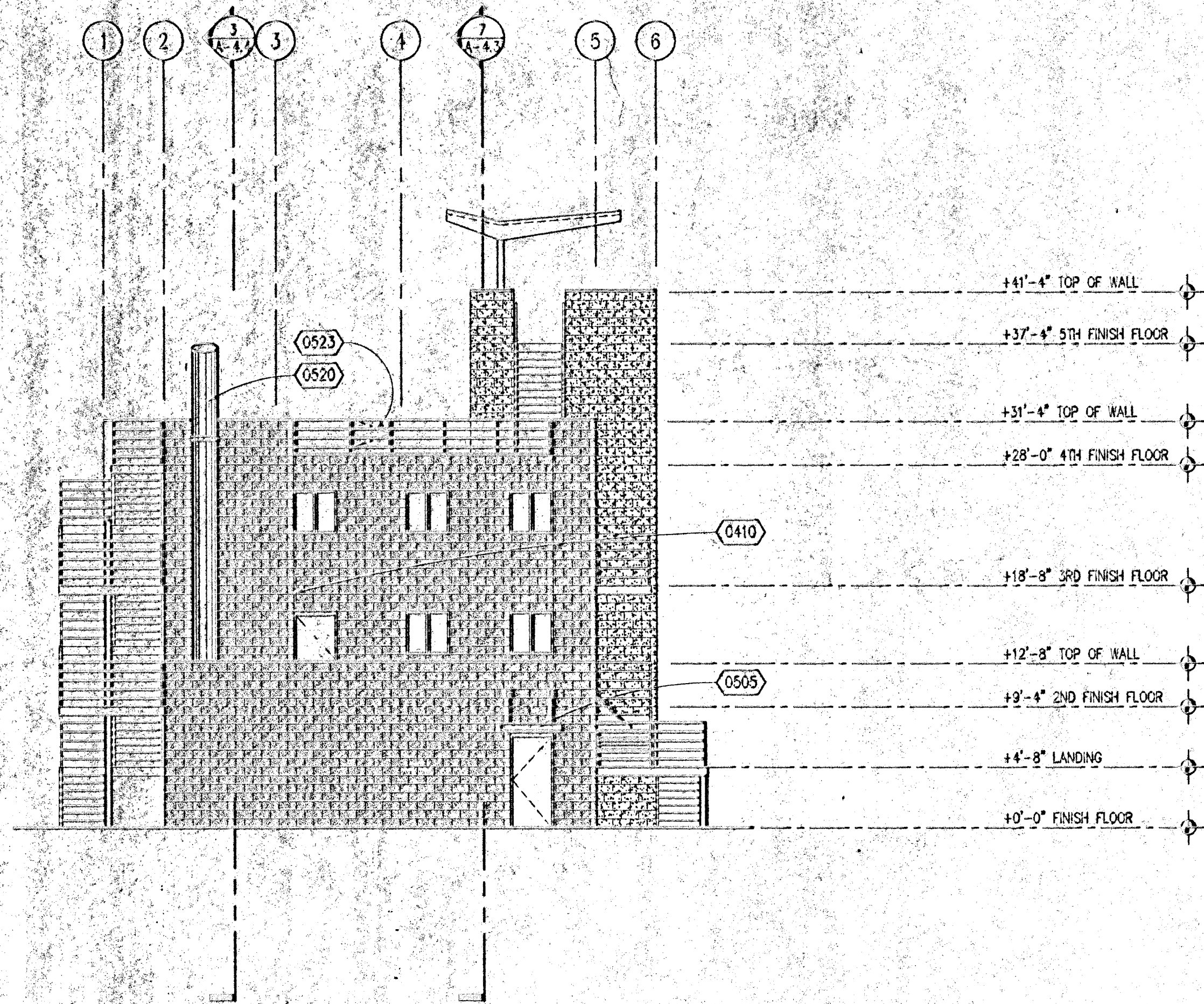


BLDG. B CISTERN LEVEL REFL. CELL. PLAN 1/8"=1'-0" 5



BLDG. B FIRST FLOOR REFL. CELL. PLAN 1/8"=1'-0" 3





EAST ELEVATION

1/8"=1'-0"

14

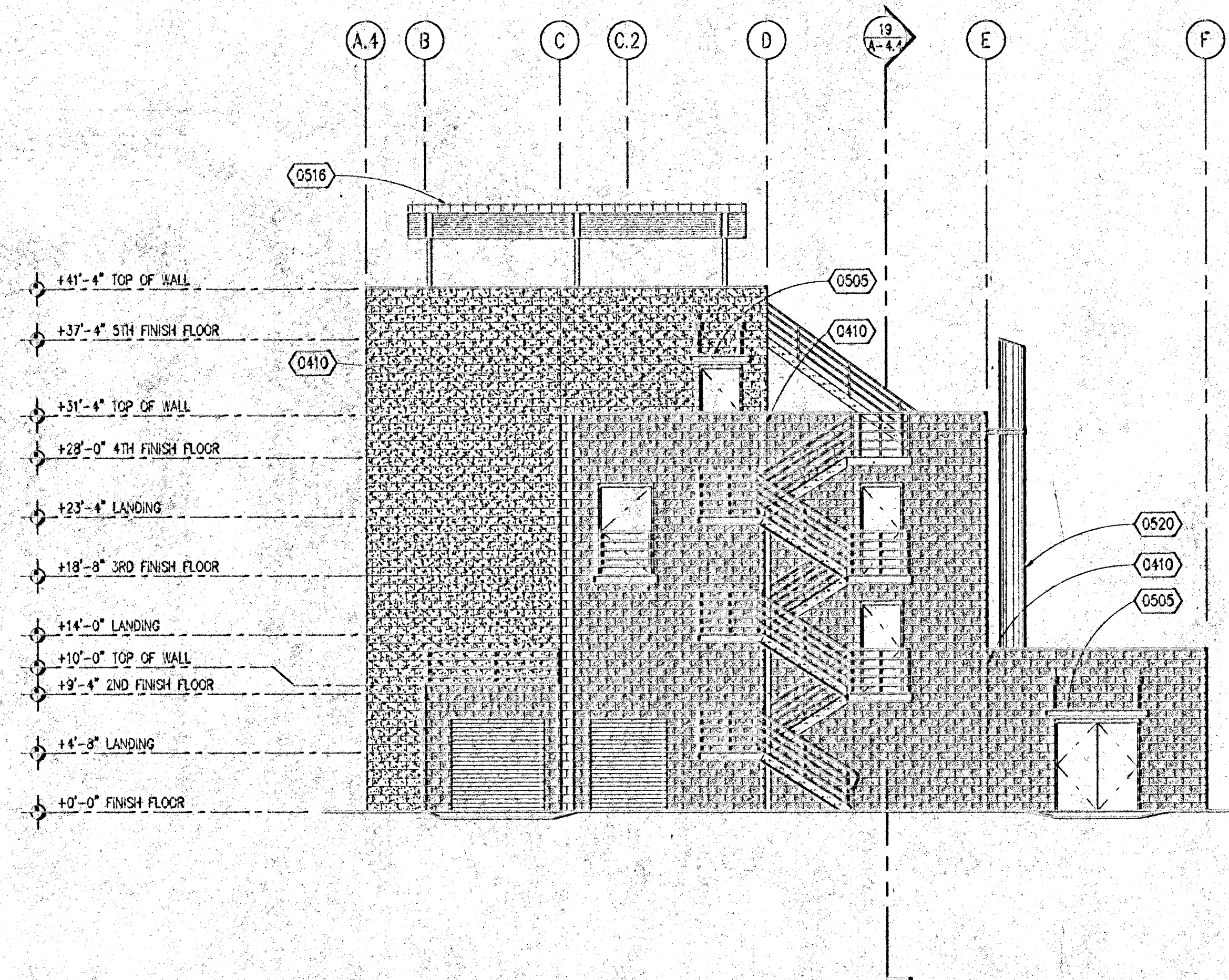
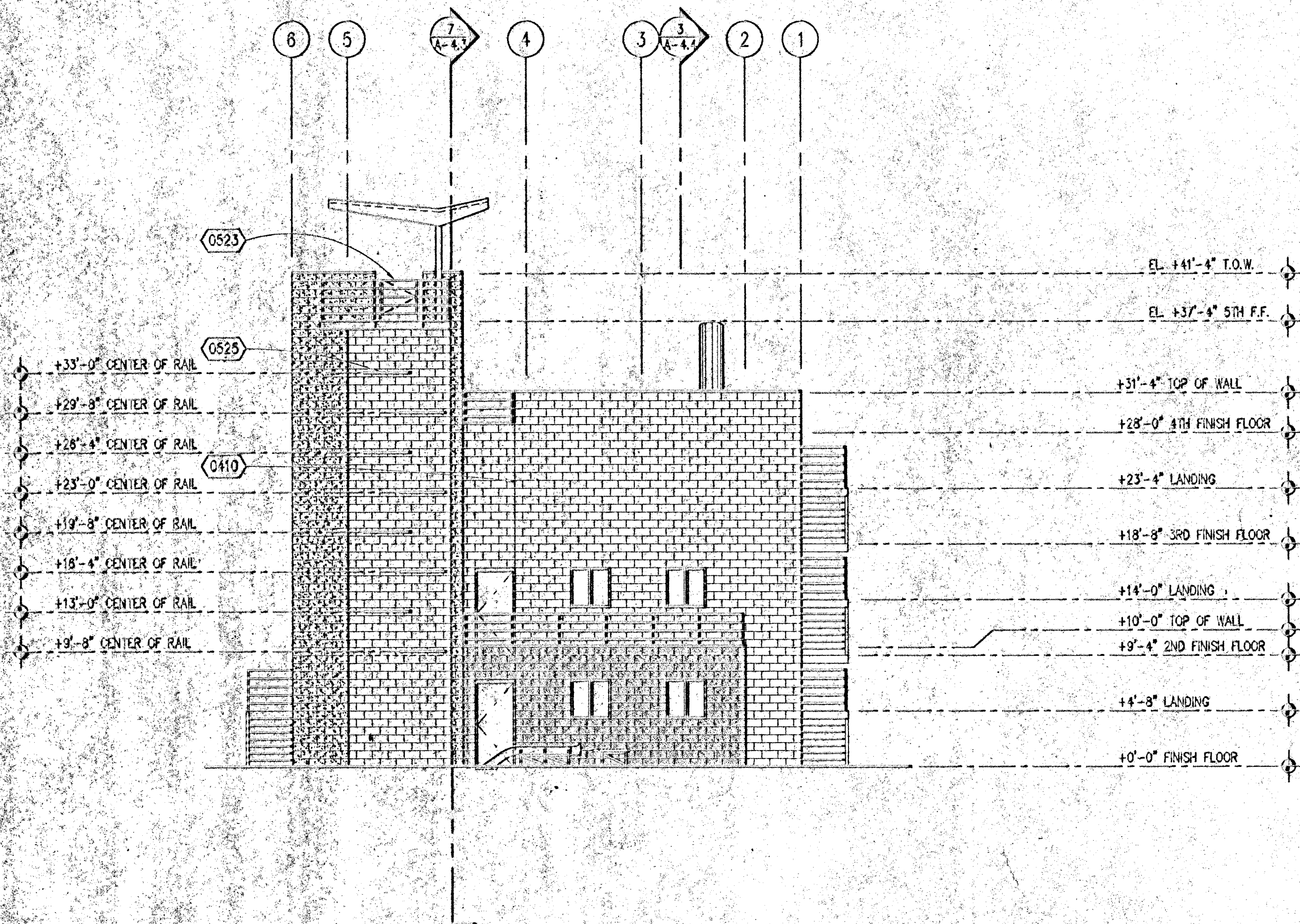
NORTH ELEVATION

1/8"=1'-0"

3

REFERENCE NOTES

2



WEST ELEVATION

1/8"=1'-0"

13

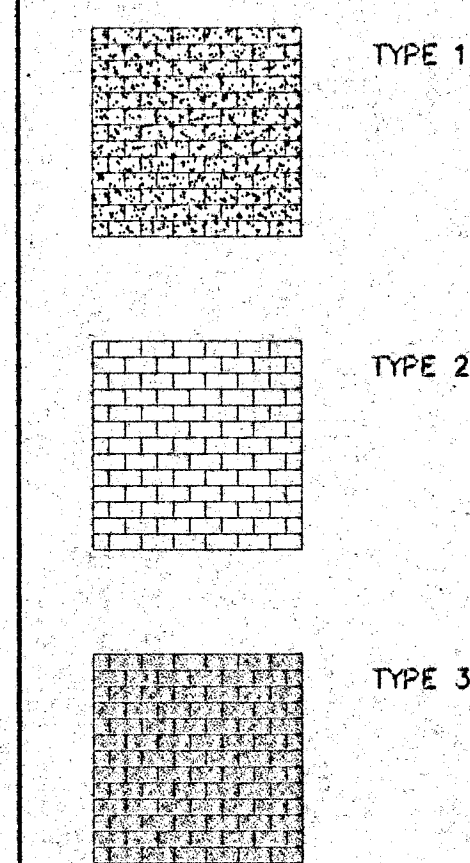
SOUTH ELEVATION

1/8"=1'-0"

3

MASONRY COLOR KEY

3



NOTE: FOR ADDITIONAL INFORMATION ON MASONRY COLOR, SEE 20 E-2.



Virginia Dare Tower
10470 Foothill Blvd
Rancho Cucamonga
California 91730-3754
tel: 909 937 0909
fax: 909 930 9330

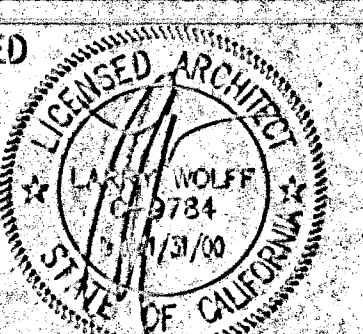
City of San Marcos
Emergency Services Training Facility
Santar Place
San Marcos, Ca 92069

CONSULTANT

APPROVED

NOTE:
NOTICE IS HEREBY GIVEN THAT, PURSUANT TO THE SAN MARCOS CITY CHARTER AND THE SAN MARCOS MUNICIPAL CODE, PAYMENT OF PREVAILING WAGES AND COMPLIANCE WITH THE CALIFORNIA LABOR CODE SECTION 1770, et seq IS NOT REQUIRED FOR THIS PROJECT.

APPROVED

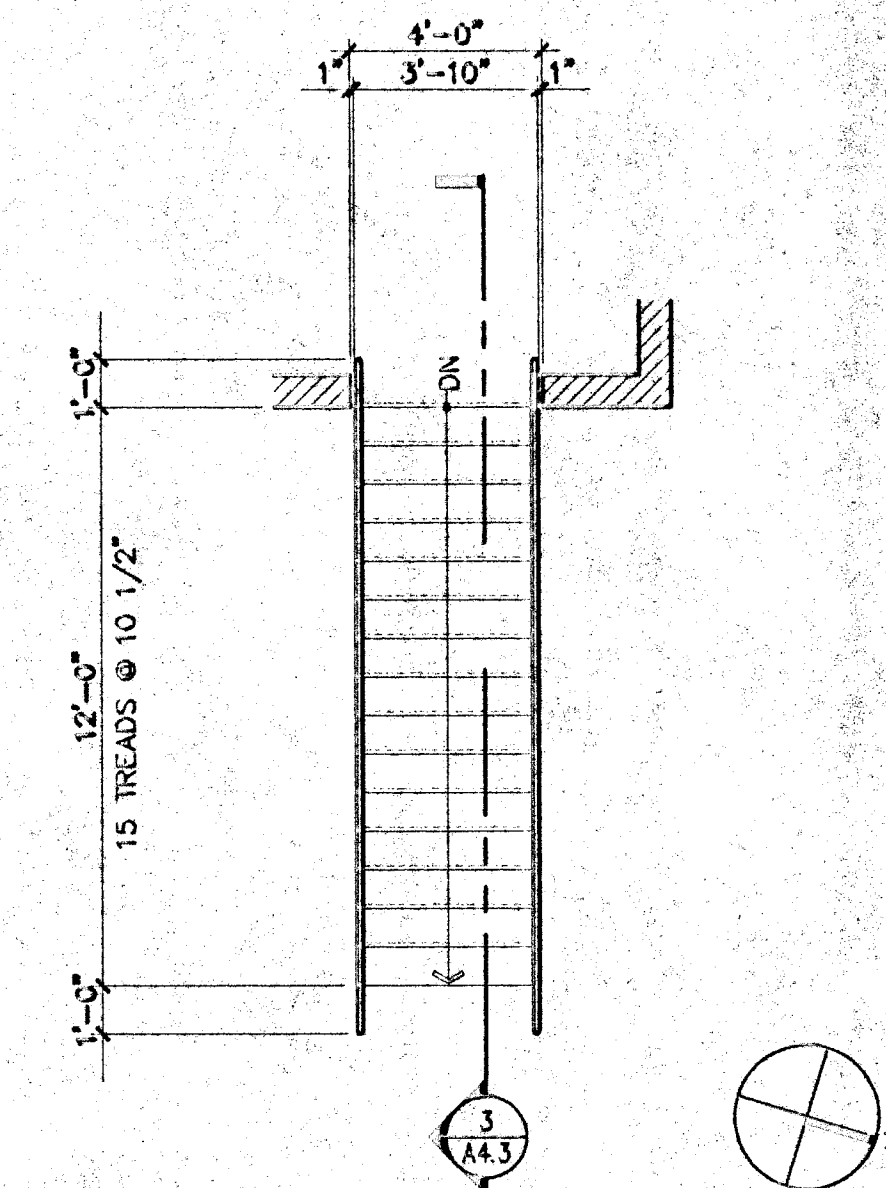
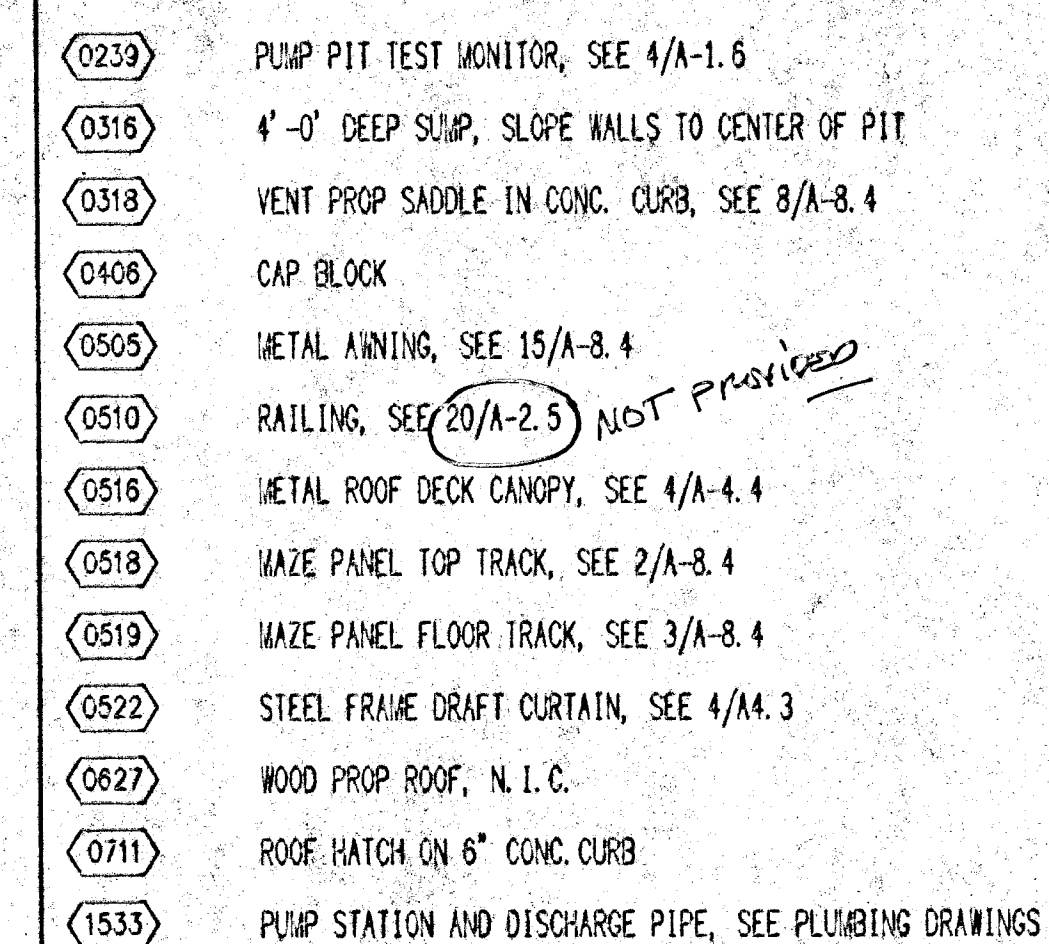
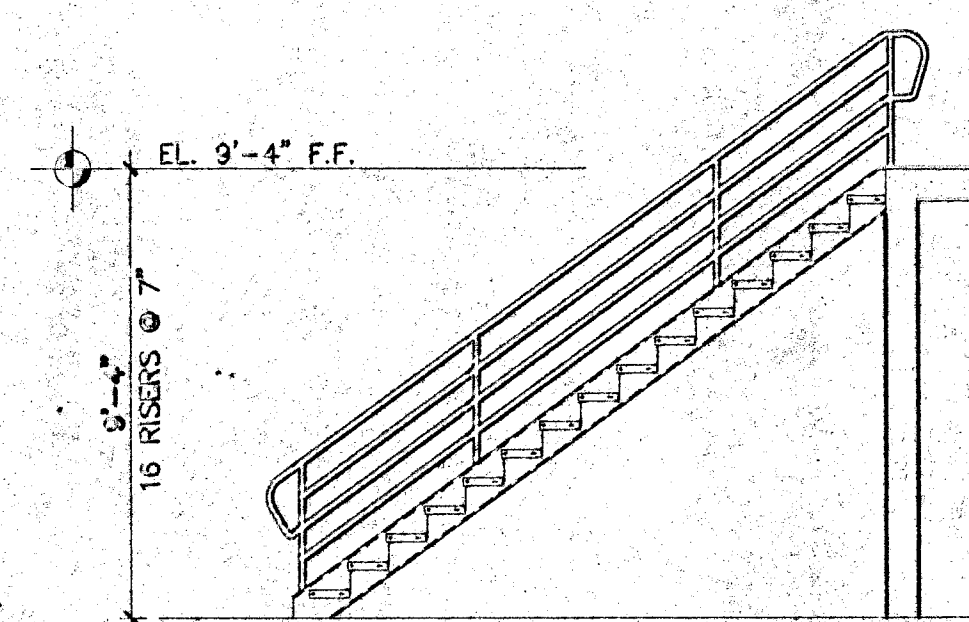
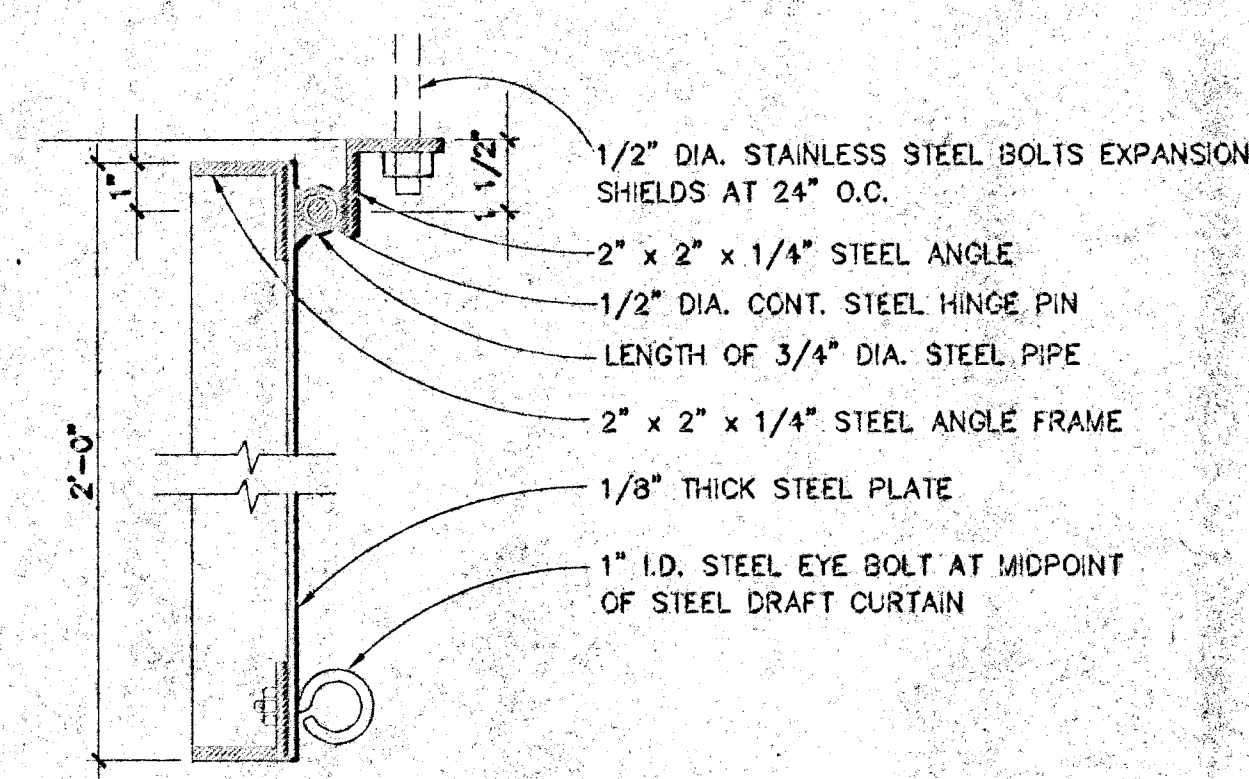


NO	DATE	BY	REMARKS

BUILDING 3
EXTERIOR
ELEVATIONS

DRAWN
CHECKED
DATE JAN. 2000
SCALE AS NOTED
JOB NO. 98178

A-32


$$1/4'' = 1' - 0''$$

$$1/4'' = 1' - 0''$$
$$1/4'' = 1' - 0''$$


FILE/CD NUMBER: YGK45 REASON DATE: VB NUMBER:

NOTE:
NOTICE IS HEREBY GIVEN THAT,
PURSUANT TO THE SAN MARCOS CITY
CHARTER AND THE SAN MARCOS
MUNICIPAL CODE, PAYMENT OF PREVAILING
WAGES AND COMPLIANCE WITH THE
CALIFORNIA LABOR CODE SECTION 1770
at ~~ssg~~ IS NOT REQUIRED FOR THIS
PROJECT.

APPROVED

LICENSE # 9784
JAN 31/00
STATE OF CALIFORNIA

NO	DATE	BY	REMARKS

DRAWN	A-43
CHECKED	
DATE JAN. 2000	
SCALE AS NOTED	
JOB NO. 98173	

A-43


City of San Marcos
Emergency Services Training Facility
Santer Place
San Marcos, Ca 92069

CONSULTANT

APPROVED

NOTE:
NOTICE IS HEREBY GIVEN THAT, PURSUANT TO THE SAN MARCOS CITY CHARTER AND THE SAN MARCOS MUNICIPAL CODE, PAYMENT OF PREVAILING WAGES AND COMPLIANCE WITH THE CALIFORNIA LABOR CODE SECTION 1770 at sag IS NOT REQUIRED FOR THIS PROJECT.

APPROVED

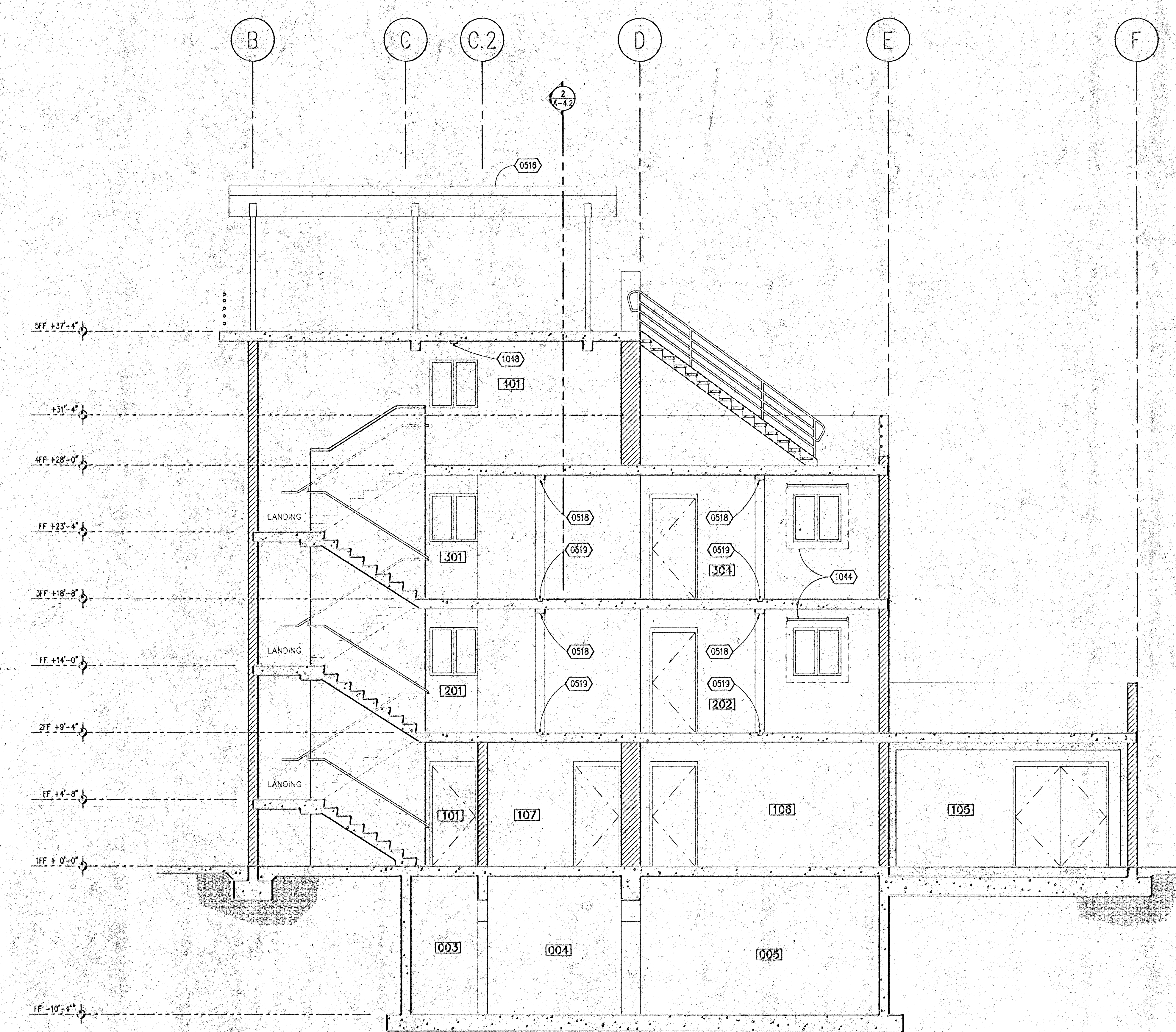


Professional Engineer Seal for Larry Wolff, State of California, License No. 9784, expires 1/31/00.

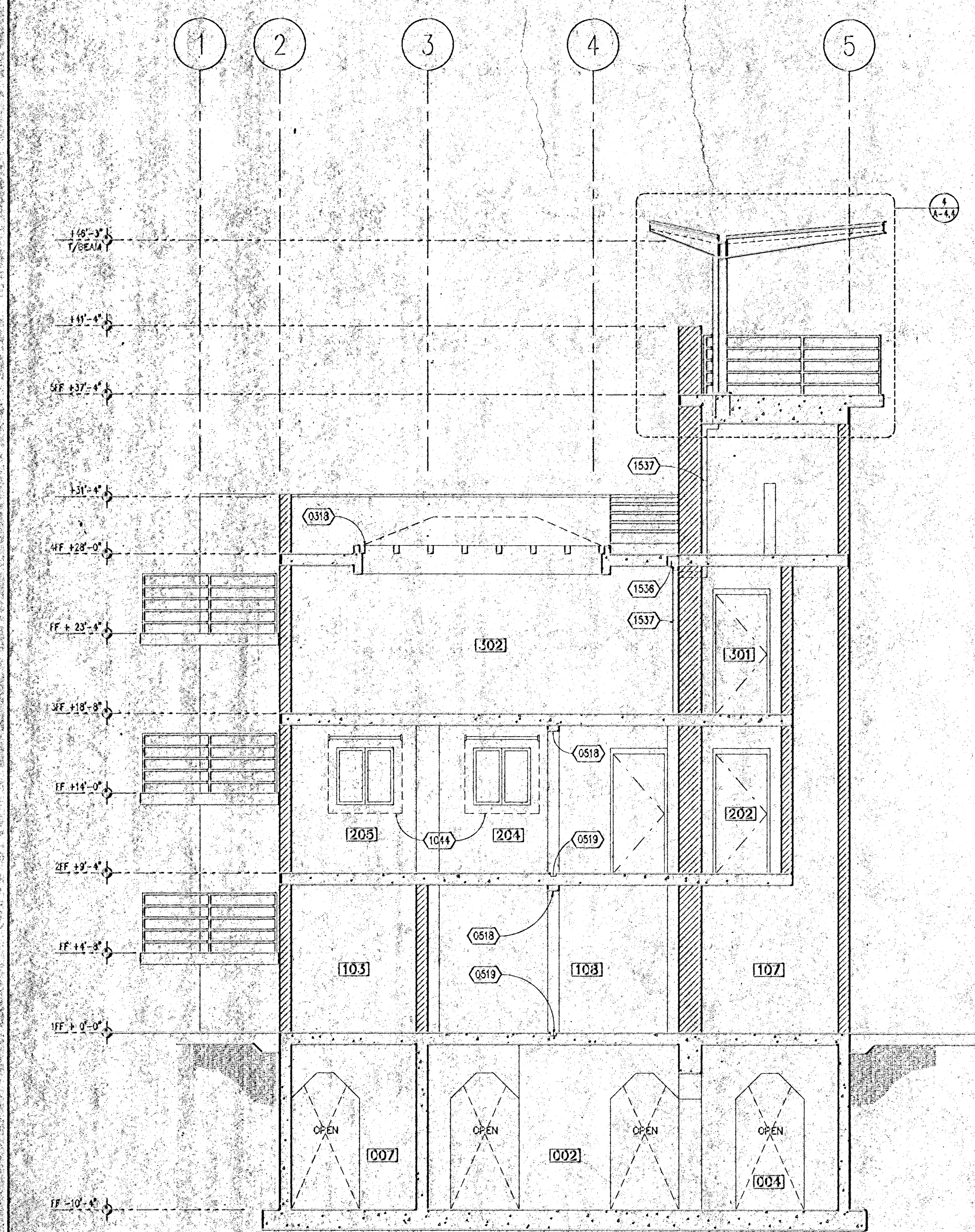
NO	DATE	BY	REMARKS

BUILDING 3 SECTIONS

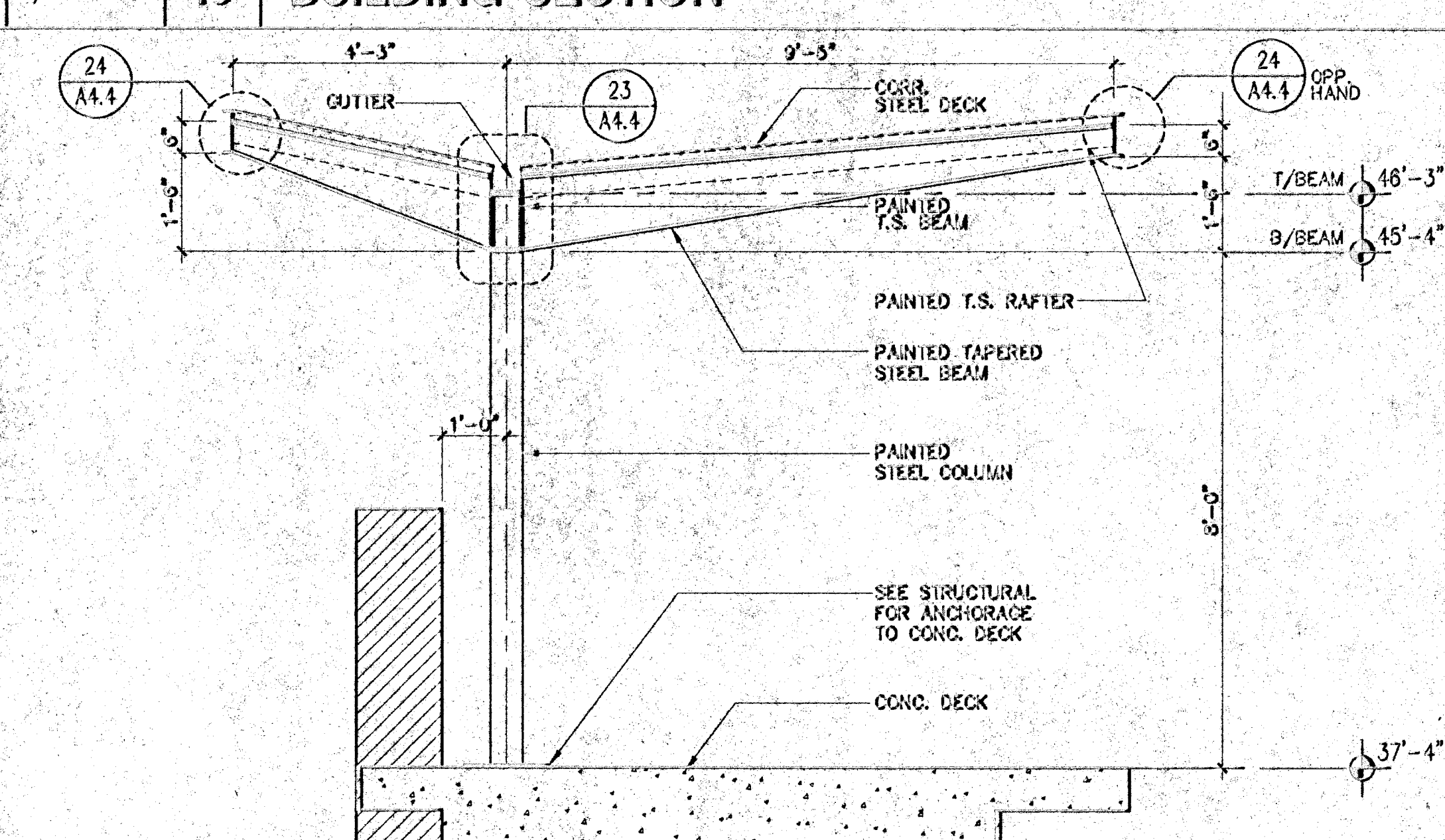
DRAWN	A-44
CHECKED	
DATE JAN. 2000	
SCALE AS NOTED	
JOB NO. 93178	



BUILDING SECTION

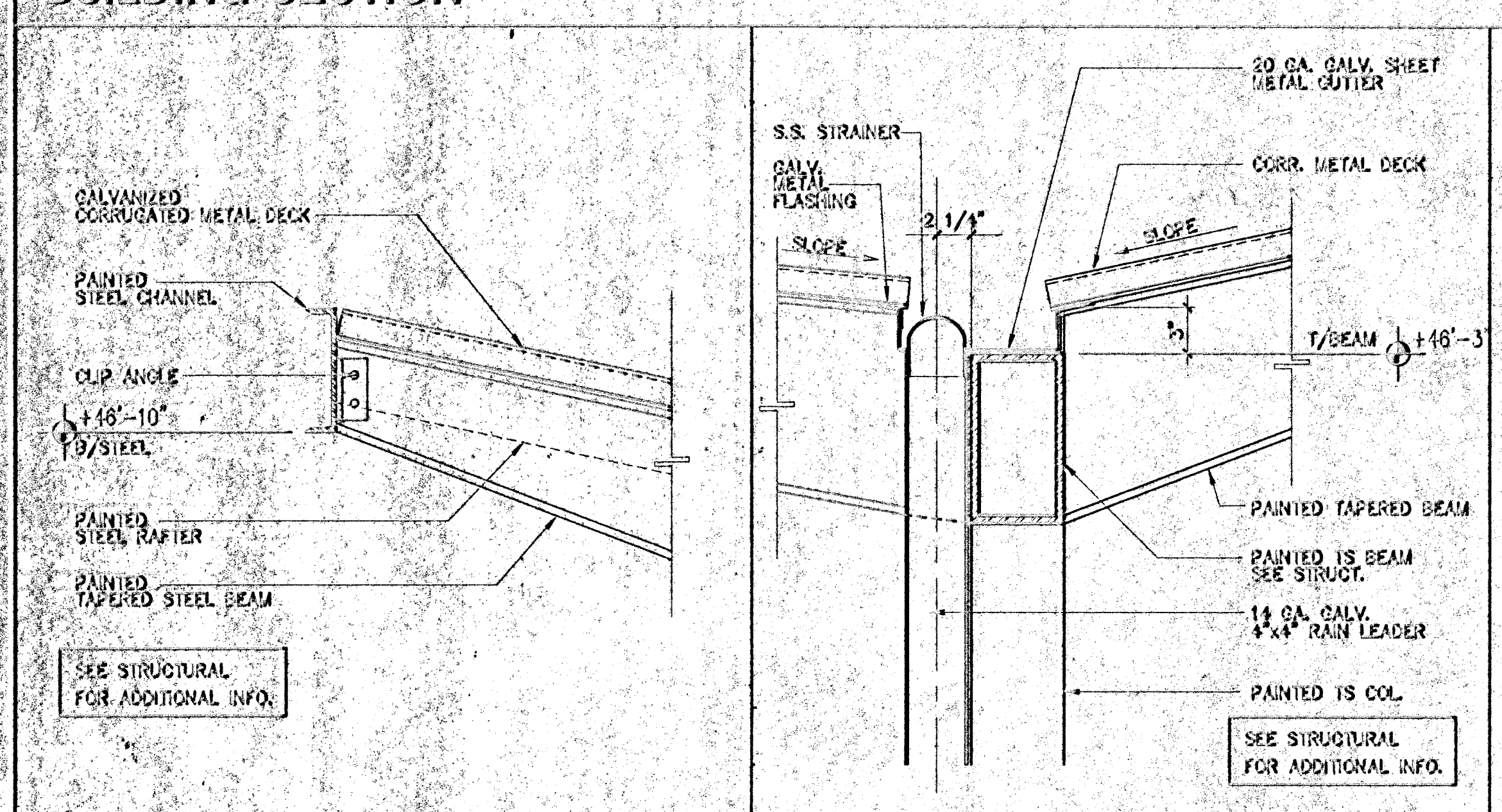


BUILDING SECTION



NUMBER: 1A003 REVISION DATE: 11/06/99 JOB

DOOF DECK CANOPY



FILE/CSI NUMBER: 000003 REVISED: 000000

CANOPY EAVE

- | | |
|------|--|
| 0318 | VENT PROP SADDLE IN CONC. CURB, SEE 8/A-8.4 |
| 0518 | METAL ROOF DECK CANOPY, SEE 4/A-4.4 |
| 0818 | WAZE PANEL TOP TRACK, SEE 2/A-8.4 |
| 0519 | WAZE PANEL FLOOR TRACK, SEE 3/A-8.4 |
| 1044 | GALV. METAL CURTAIN ROD & WATERPROF. CANVAS BLACKOUT CURTAIN |
| 1048 | ROOF DECK ANCHOR, SEE 14 AND 18/A-8.4 |
| 1536 | ROOF DRAIN, SEE 21/A-8.4 |
| 1537 | 4"x4" GALV. T.S. DRAIN/LEADER |

#	ROOM NAME	BASE	FLOOR	WAINSCOT				WALLS				CEILING	INTERIOR ELEVATION SHT.	REMARKS (SEE NOTES BELOW)
				NORTH	EAST	SOUTH	WEST	NORTH	EAST	SOUTH	WEST	MATERIAL		
111	LOBBY	(0303)	(0302)					(0300)	(0300)	(0300)	(0300)	(0300)	5/A-7.1	
112	OFFICE	(0303)	(0303)					(0300)	(0300)	(0300)	(0300)	(0300)	15/A-7.1	
113	OFFICE	(0303)	(0303)					(0300)	(0300)	(0300)	(0300)	(0300)	15/A-7.1	
114	MECH./STORAGE	(0303)	(0303)					(0300)	(0300)	(0300)	(0300)	(0300)	7/A-7.2	
115	JANITOR	(0303)	(0303)					(0300)	(0300)	(0300)	(0300)	(0300)	3/A-7.1	
116	HALLWAY	(0303)	(0303)					(0300)	(0300)	(0300)	(0300)	(0300)		
117	HALLWAY	(0303)	(0303)					(0300)	(0300)	(0300)	(0300)	(0300)		
118	HALLWAY	(0303)	(0303)					(0300)	(0300)	(0300)	(0300)	(0300)		
119	LOUNGE	(0303)	(0303)					(0300)	(0300)	(0300)	(0300)	(0300)	6/A-7.1	
120	MEN'S RESTROOM	(0303)	(0303)					(0300)	(0300)	(0300)	(0300)	(0300)	16/A-7.1	
121	WOMEN'S RESTROOM	(0303)	(0303)					(0300)	(0300)	(0300)	(0300)	(0300)	4/A-7.1	
122	TRAINING ROOM	(0303)	(0303)					(0300)	(0300)	(0300)	(0300)	(0300)	6/A-7.2	
123	TRAINING ROOM	(0303)	(0303)					(0300)	(0300)	(0300)	(0300)	(0300)	6/A-7.2	

BUILDING A FINISH SCHEDULE

001	OCEAN ROOM #1													ALL EXPOSED FINISHES THROUGHOUT
002	OCEAN ROOM #2													
003	OCEAN ROOM #3													
004	OCEAN ROOM #4													
005	OCEAN ROOM #5													
006	OCEAN ROOM #6													
007	OCEAN ROOM #7													
101	HALLWAY													
102	PUMP ROOM													
103	STORAGE ROOM													
104	ROOM													
105	FIRE BEHAVIOR ROOM													
106	ROOM													
107	CONTROL ROOM													
108	MAZE ROOM #1													
201	HALLWAY													
202	MAZE ROOM #2													
203	ROOM													
204	MAZE ROOM #3													
205	ROOM													
301	HALLWAY													
302	PROP ROOM													
303	ROOM													
304	MAZE ROOM #4													
401	HALLWAY													

BUILDING B FINISH SCHEDULE

- NOTES:
- 7/8" FLOOR CHANNELS AT 16" O.C. SHALL BE USED ON ALL MASONRY SURFACES SCHEDULED TO RECEIVE GYPSUM BOARD FINISH.
 - CERAMIC TILE TO BE OVER 5/8" MOISTURE RESISTANT GYPSUM BOARD AT ALL WALL LOCATIONS AND OVER 5/8" GYPSUM BOARD AT ALL CEILING LOCATIONS U.N.O.
 - FULLSET TILE AT WALLS, FLOORS, AND CEILINGS OF INDIVIDUAL SHOWER COMPARTMENTS. FOR INTERIOR ELEVATIONS, SEE FULLSET FLOOR TILE AT ROOMS NO. 109 AND 107. THINSET AT ALL OTHER LOCATIONS U.N.O.
 - FOR TYPICAL WALL TILE PATTERN, SEE 2/A-8.3.
 - VERIFY ALL FLOOR TILE PATTERNS WITH ARCHITECT.
 - FOR INTERSECTION OF GYPSUM BOARD WALLS/CEILINGS WITH EXPOSED MASONRY, SEE

NOTES

- | | |
|--------|---------------------------------------|
| (0300) | EXPOSED CONCRETE - SEALED |
| (0301) | 5/8" GYP. BOARD, PAINTED |
| (0308) | SUSPENDED ACoustICAL CEILING, TYPICAL |
| (0310) | CERAMIC TILE BASE |
| (0311) | CERAMIC FLOOR TILE |
| (0312) | CERAMIC WALL TILE |
| (0313) | RESILIENT BASE |
| (0318) | CARPET |
| (0322) | STONE FLOORING |
| (0328) | RESILIENT RUBBER FLOORING |

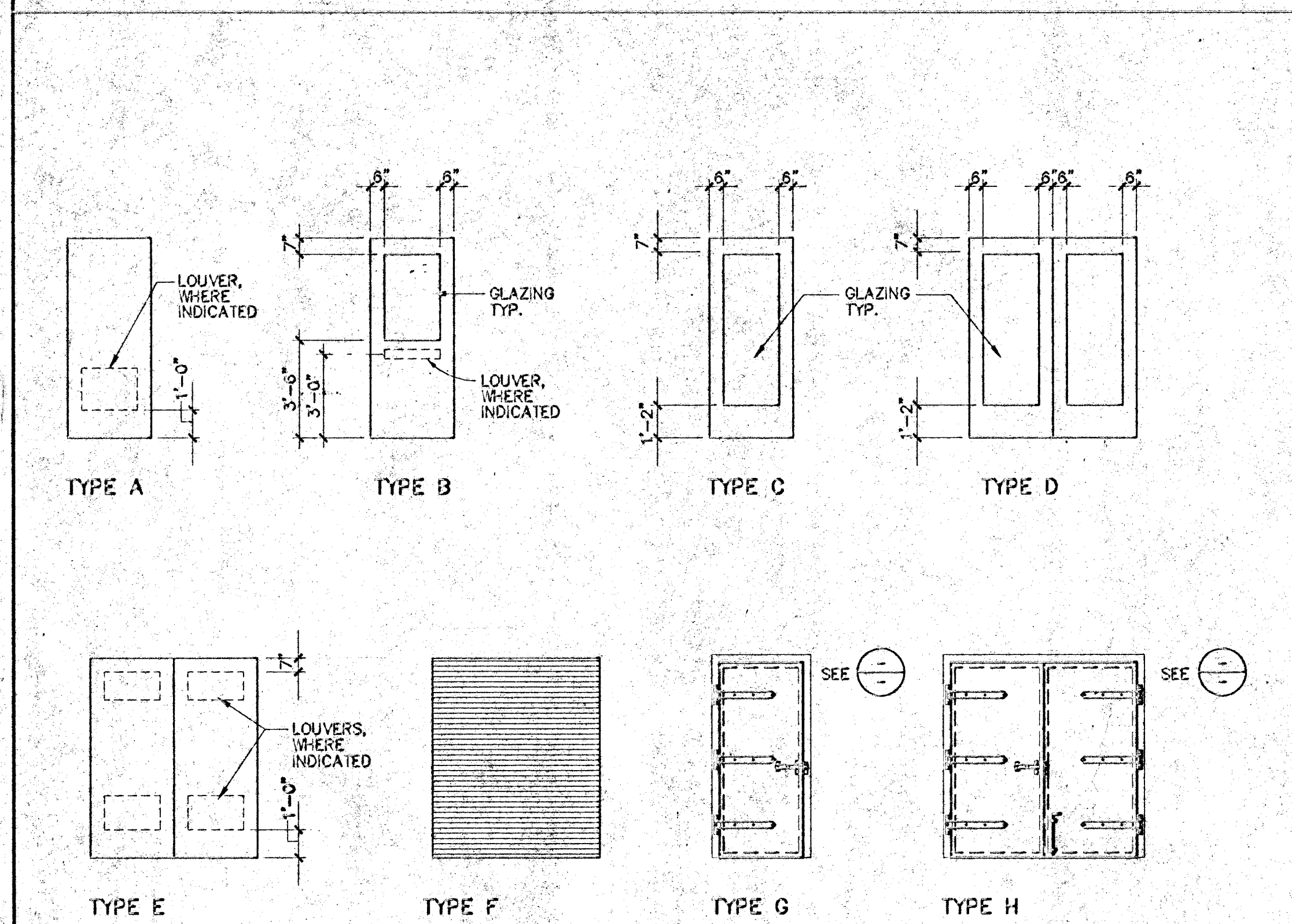
REFERENCE NOTES

#	DOOR SIZE	TYPE	THICKNESS	LABEL	GROUP	SELF CLOSING	PANIC	HARDWARE	MAT'L	FINISH	DETAILS				GLAZING TYPE	REMARKS
											HEAD	JAMB	JAMB	SILL		
1	6'-0" x 7'-2"	D	1 3/4"								1	2	3/4	24A	A	
2	3'-0" x 7'-2"	A	1 3/4"								2	2	3/4	24B	A	
3	3'-0" x 7'-2"	C	1 3/4"								1	2	3/4	24B	A	
4	3'-0" x 7'-2"	A	1 3/4"								1	3/4	3/4	24C	A	
5	3'-0" x 7'-2"	A	1 3/4"								1	3/4	3/4	24C	A	
6	3'-0" x 7'-2"	C	1 3/4"								1	2	3/4	24B	A	
7	3'-0" x 7'-2"	A	1 3/4"								2	2	3/4	24B	A	
8	3'-0" x 7'-2"	A	1 3/4"								6	7	7	24D	B	18" X 24" LOUVER @ BOTTOM
9	3'-0" x 7'-2"	B	1 3/4"								6	7	7	24E	B	
10	3'-0" x 7'-2"	B	1 3/4"								6	7	7	24E	B	
11	3'-0" x 7'-2"	C	1 3/4"								6	2	7		B	
12	3'-0" x 7'-2"	B	1 3/4"								6	2	7	24E	B	
13	3'-0" x 7'-2"	C	1 3/4"								6	2	7		B	
14	3'-0" x 7'-2"	A	1 3/4"								6	7	7	24F	B	
15	3'-0" x 7'-2"	A	1 3/4"								6	7	7	24F	B	
16	3'-0" x 7'-2"	B	1 3/4"								6	2	7	24E	B	
17	3'-0" x 7'-2"	A	1 3/4"								6	7	7	24D	B	18" X 24" LOUVER @ BOTTOM
18	3'-0" x 7'-2"	B	1 3/4"								6	7	7	24E	B	
19	3'-0" x 7'-2"	B	1 3/4"								6	7	7	24E	B	

BUILDING A DOOR SCHEDULE

#	DOOR SIZE	TYPE	THICKNESS	LABEL	GROUP	SELF CLOSING	PANIC	HARDWARE	MAT'L	FINISH	DETAILS				GLAZING TYPE	REMARKS
											HEAD	JAMB	JAMB	SILL		
1	3'-0" x 7'-2"	A	1 3/4"								13	13	14	24G		
2	3'-0" x 7'-2"	A	1 3/4"								13	13	13	24G		
3	7'-4" x 7'-2"	F										15	15			
4	6'-0" x 7'-2"	F										15	15			
5	6'-4" x 7'-2"	H	1 3/4"													
6	3'-0" x 7'-2"	G	1 3/4"													
7	6'-4" x 7'-2"	H	1 3/4"													
8	3'-0" x 7'-2"	A	1 3/4"								13	13	13	24G		
9	3'-0" x 7'-2"	A	1 3/4"								13	13	13	24G		
10	3'-0" x 7'-2"	A	1 3/4"								14	14	14			
11	3'-0" x 7'-2"	A	1 3/4"								14	14	14			
12	3'-0" x 7'-2"	A	1 3/4"								14	14	14			
13	3'-0" x 7'-2"	A	1 3/4"								13	13	13	24H		
14	3'-0" x 7'-2"	A	1 3/4"								13	13	13	24H		
15	3'-0" x 7'-2"	A	1 3/4"								13	13	13	24H		
16	3'-0" x 7'-2"	A	1 3/4"								13	13	13	24H		
17	3'-0" x 7'-2"	A	1 3/4"								14	14	14			
18	3'-0" x 7'-2"	A	1 3/4"								14	14	14			
19	3'-0" x 7'-2"	A	1 3/4"								14	14	14			
20	3'-0" x 7'-2"	A	1 3/4"								14	14	14			
21	3'-0" x 7'-2"	A	1 3/4"								13	13	13	24H		
22	3'-0" x 7'-2"	A	1 3/4"								13	13	13	24H		
23	3'-0" x 7'-2"	A	1 3/4"								14	14	14			
24	3'-0" x 7'-2"	A	1 3/4"								14	14	14			
25	3'-0" x 7'-2"	A	1 3/4"								14	14	14			
26	3'-0" x 7'-2"	A	1 3/4"								14	14	14			
27	4'-0" x 7'-2"	A	1 3/4"								13	13	13	24H		
28	3'-0" x 7'-2"	A	1 3/4"								13	13	13	24H		

BUILDING B DOOR SCHEDULE



BUILDING A AND B DOOR TYPES

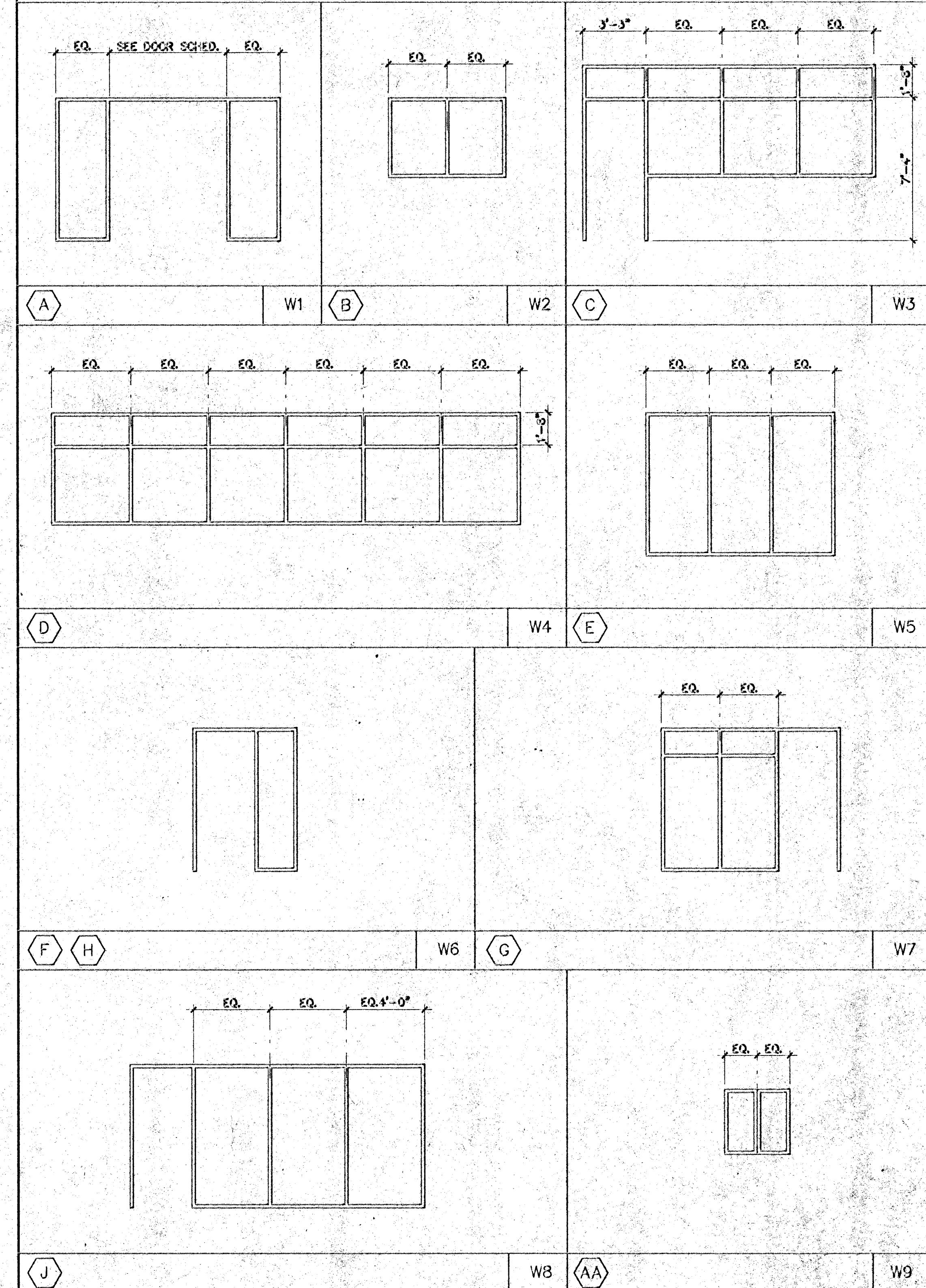
#	WINDOW SIZE (WIDTH x HEIGHT)	TYPE	GLAZING	FRAME	DETAILS	REMARKS
A	11'-6" x 7'-4"	W1	A	1/4"	HM P	1A 5 4 2
B	9'-0" x 4'-0"	W2	A	1/4"	HM P	1A 5A 1B 3
C	15'-0" x 9'-8"	W3	A	1/4"	HM P	1A 5A 2 3
D	24'-0" x 9'-8"	W4	A	1/4"	HM P	1A 5A 5A 3
E	9'-8" x 7'-4"	W5	A	1/4"	HM P	1A 5 4 2
F	5'-4" x 7'-4"	W6	A	1/4"	HM P	1A 5 4 2
G	9'-2" x 7'-4"	W7	B	1/4"	HM P	7 2/9 8 3
H	6'-0" x 7'-4"	W8	B	1/4"	HM P	7 2/7 8 -
J	15'-0" x 7'-4"	W8	B	1/4"	HM P	7 2/9 8 3

BLDG. A WINDOW SCHEDULE

AA	3'-4" x 3'-4"	W9	-	A	1/4"	ST P	14	15	16	-	
----	---------------	----	---	---	------	------	----	----	----	---	--

BLDG. B WINDOW SCHEDULE

- GLAZING TYPES:
- TYPE A: TEMPERED, TINTED, 1/4" THICK
- TYPE B: TEMPERED, CLEAR, 1/4" THICK
- TYPE C: GLASS BLOCK MASONRY UNITS



WINDOW TYPES



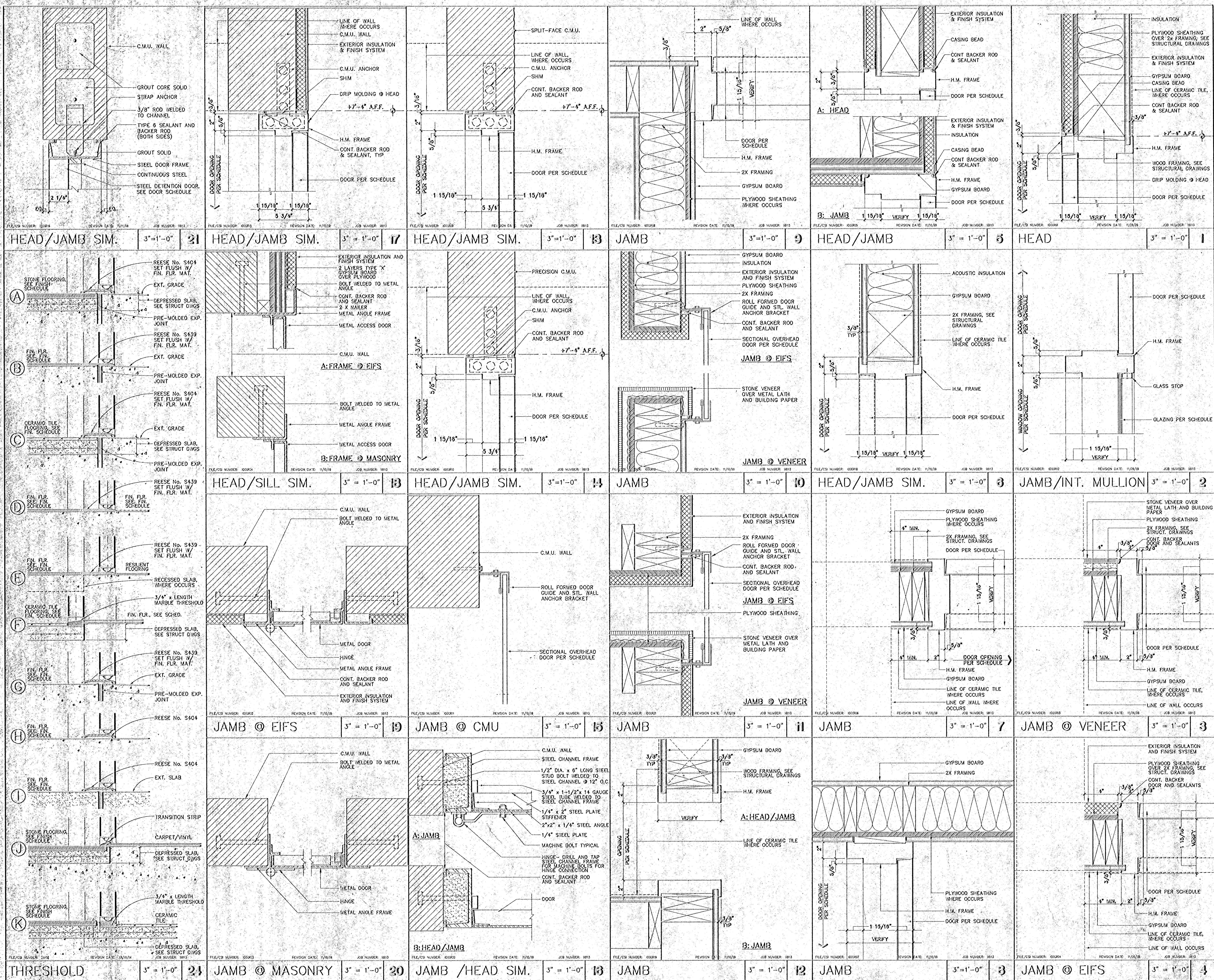
Virginia Dora Taylor
10470 Foothill Blvd
Rancho Cucamonga
California 91730-3751
Tel: 909 387 0909
Fax: 909 380 9300

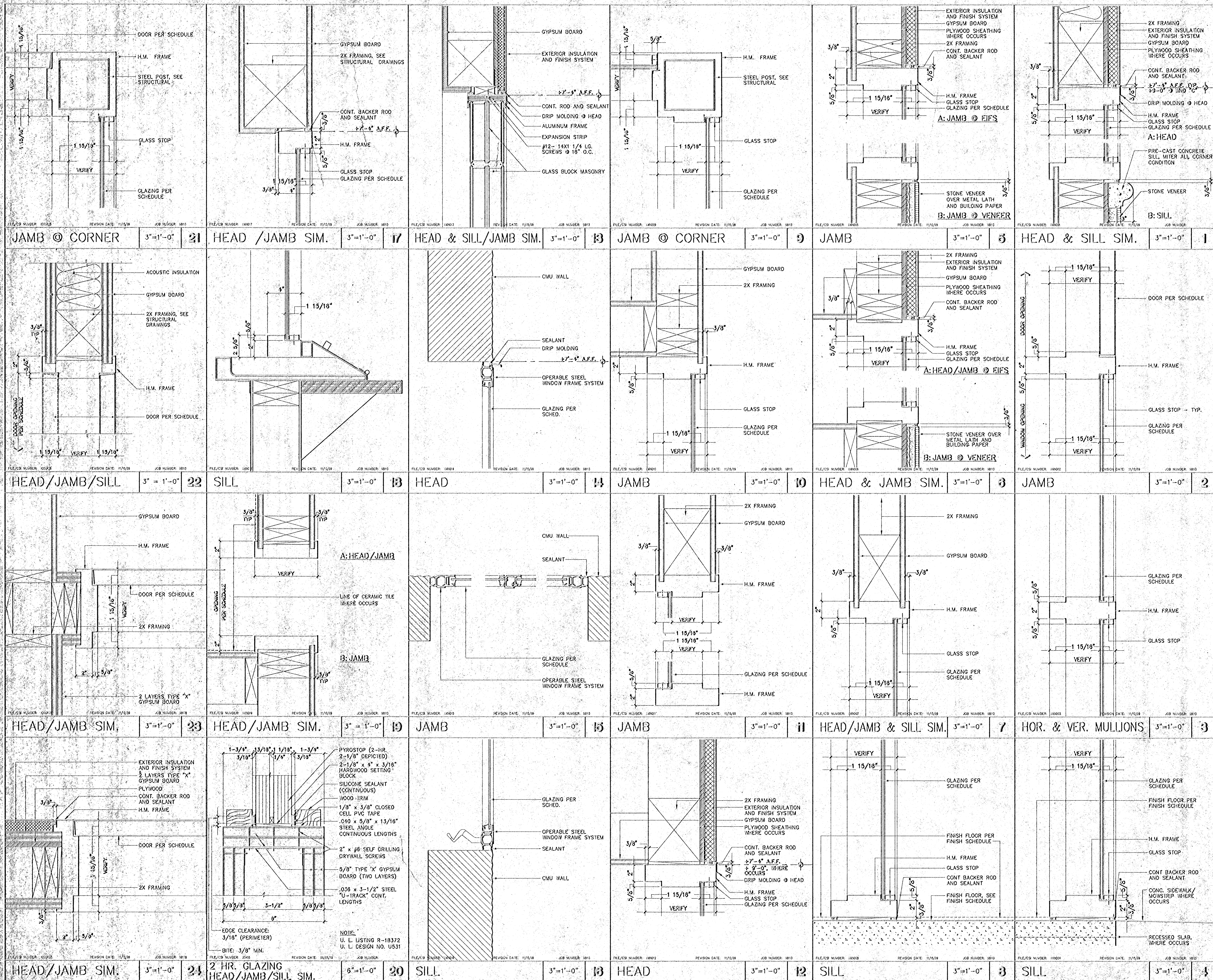
City of San Marcos
Emergency Services Training Facility
Santer Place
San Marcos, Ca 92069

CONSULTANT

APPROVED

NOTE:
NOTICE IS HEREBY GIVEN THAT
PURSUANT TO THE SAN MARCOS CITY
CHARTER AND THE SAN MARCOS
MUNICIPAL CODE, PAYMENT OF PREVAILING
WAGES AND COMPLIANCE WITH THE
CALIFORNIA LABOR CODE SECTION 1770
AT 800 IS NOT REQUIRED FOR THIS
PROJECT.





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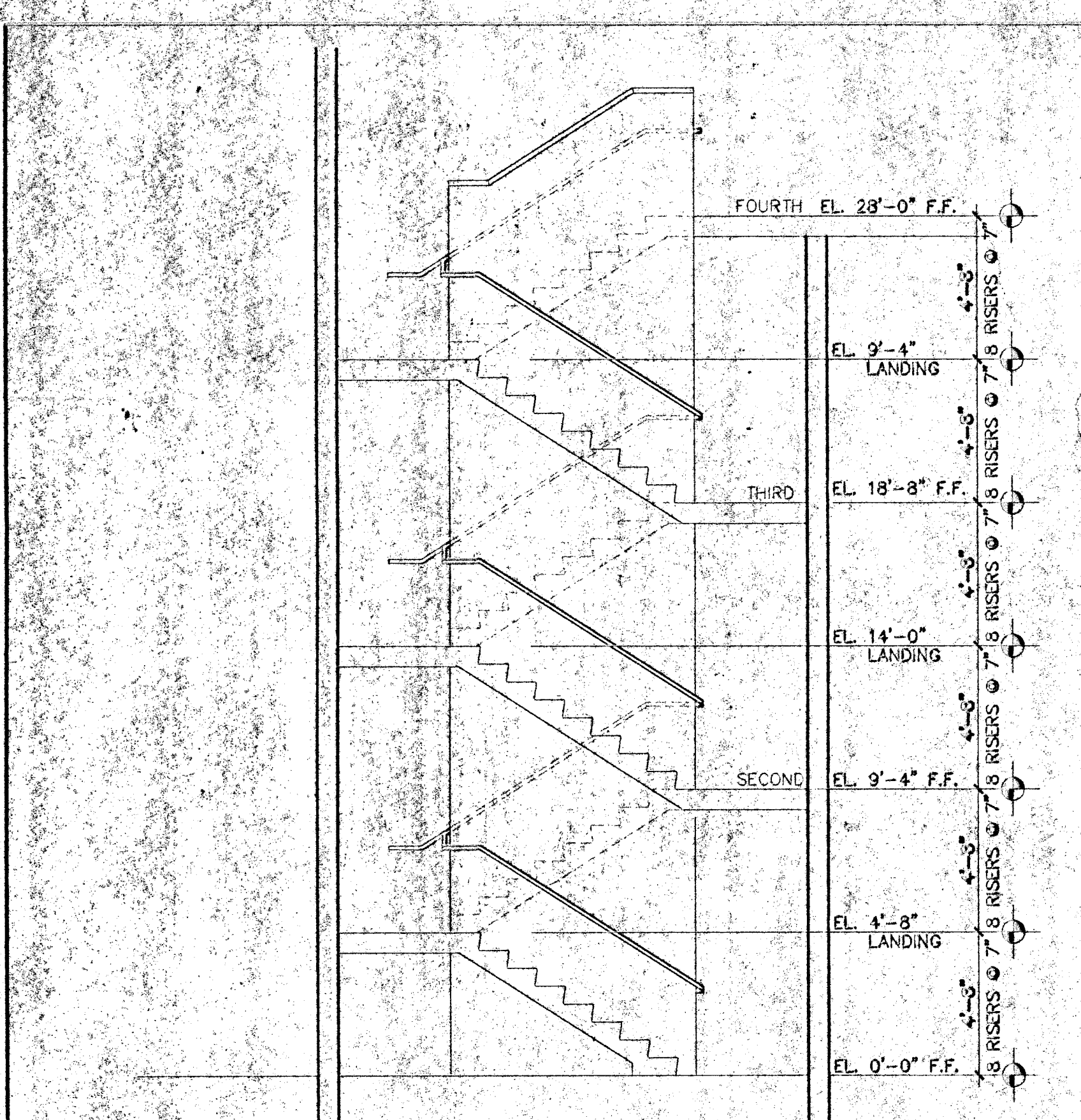
APPROVED
LICENSED ARCHITECT
WLC ARCHITECTS
1/15/2000

NO	DATE	BY	REMARKS

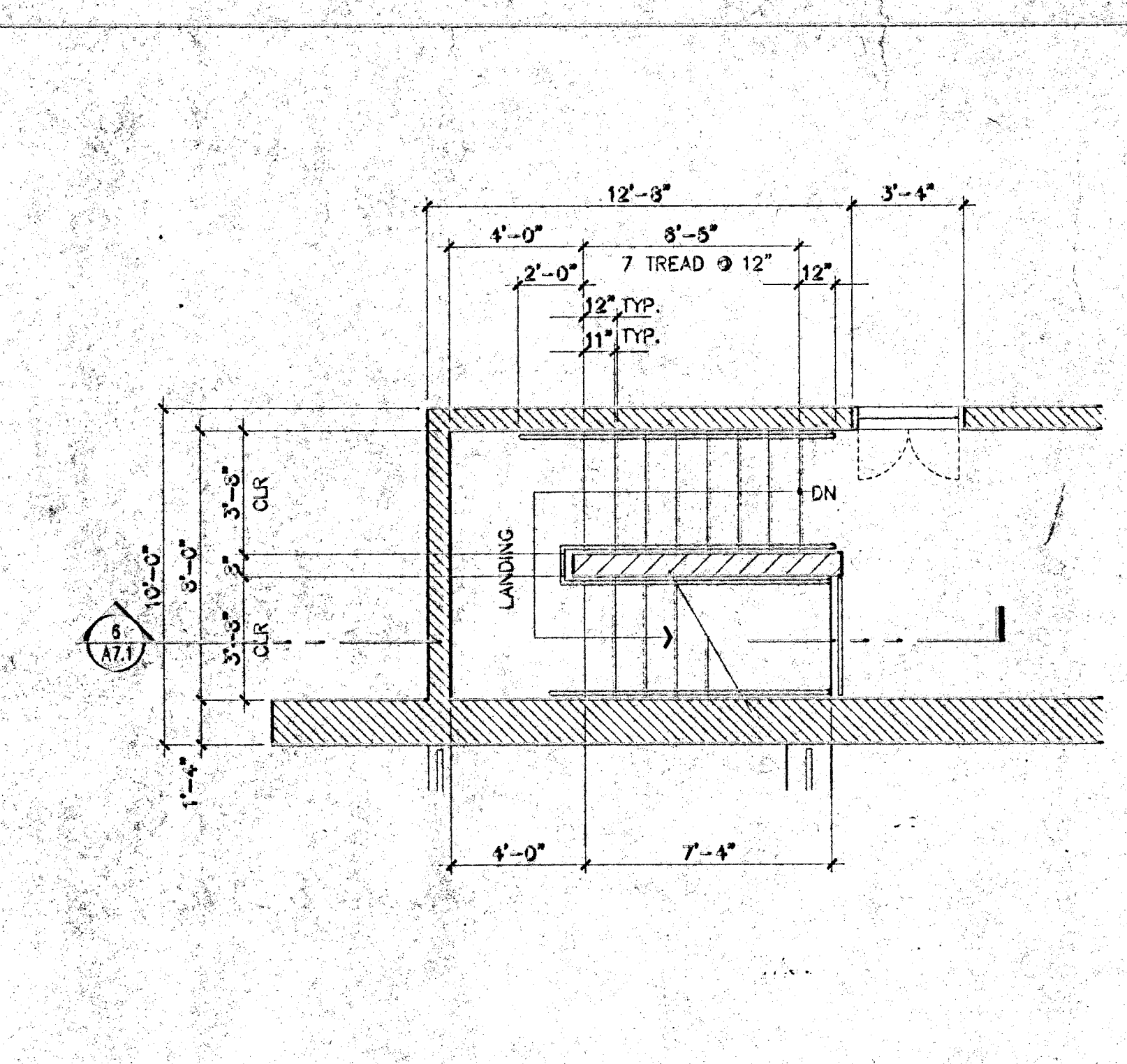
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DRAWN
CHECKED
DATE JAN. 2000
SCALE AS NOTED
JOB NO. 93173

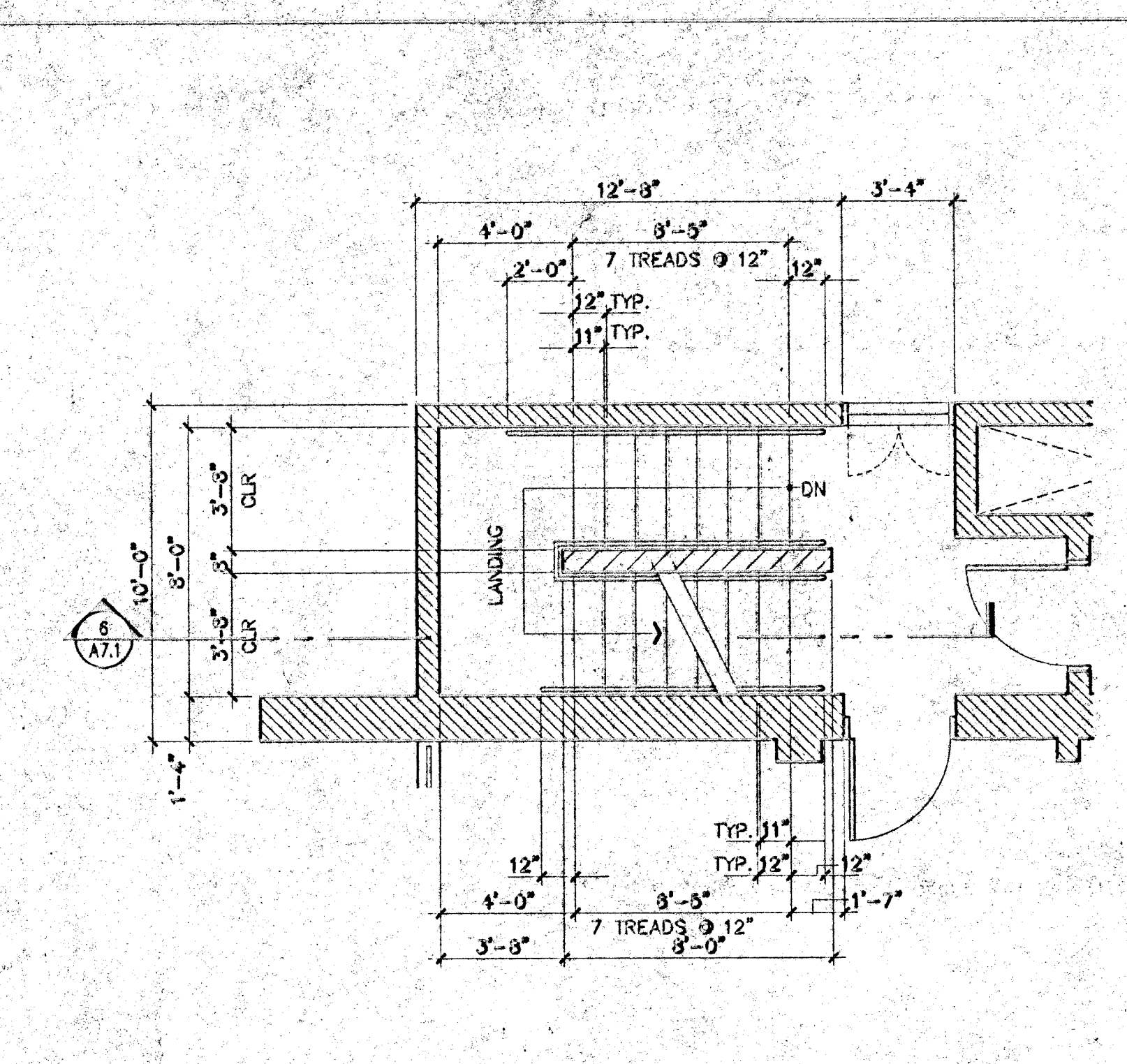
A-53



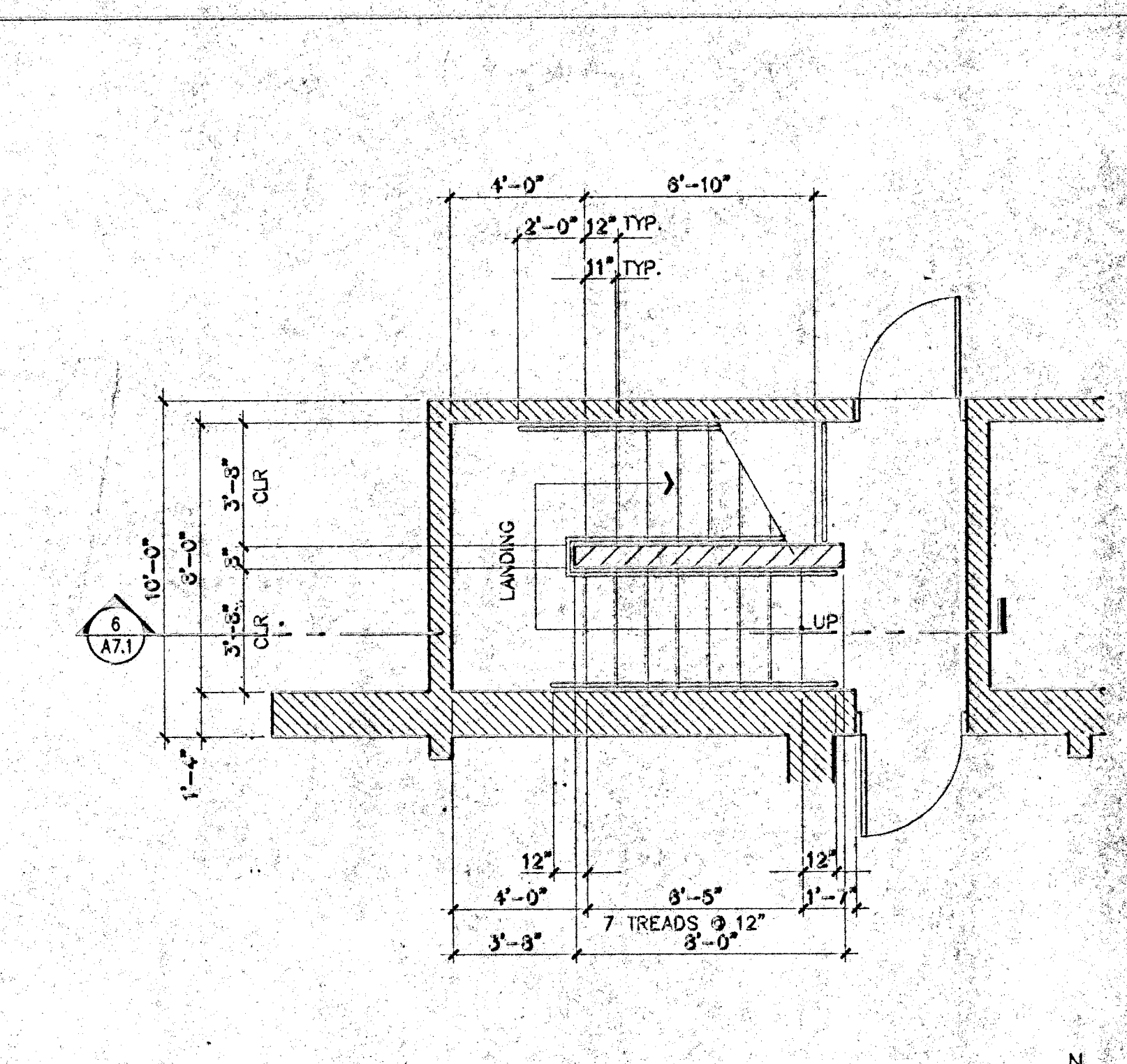
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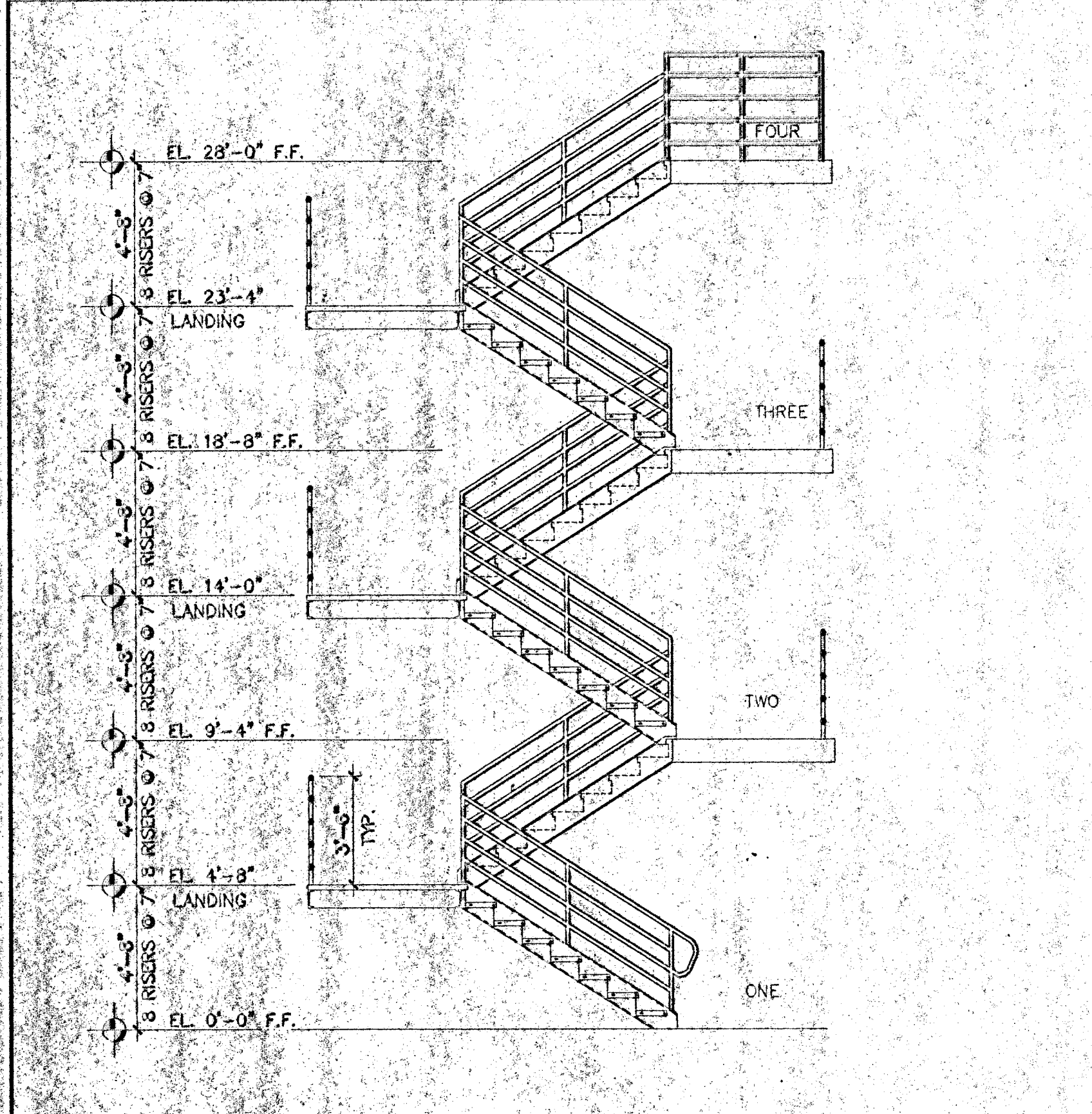
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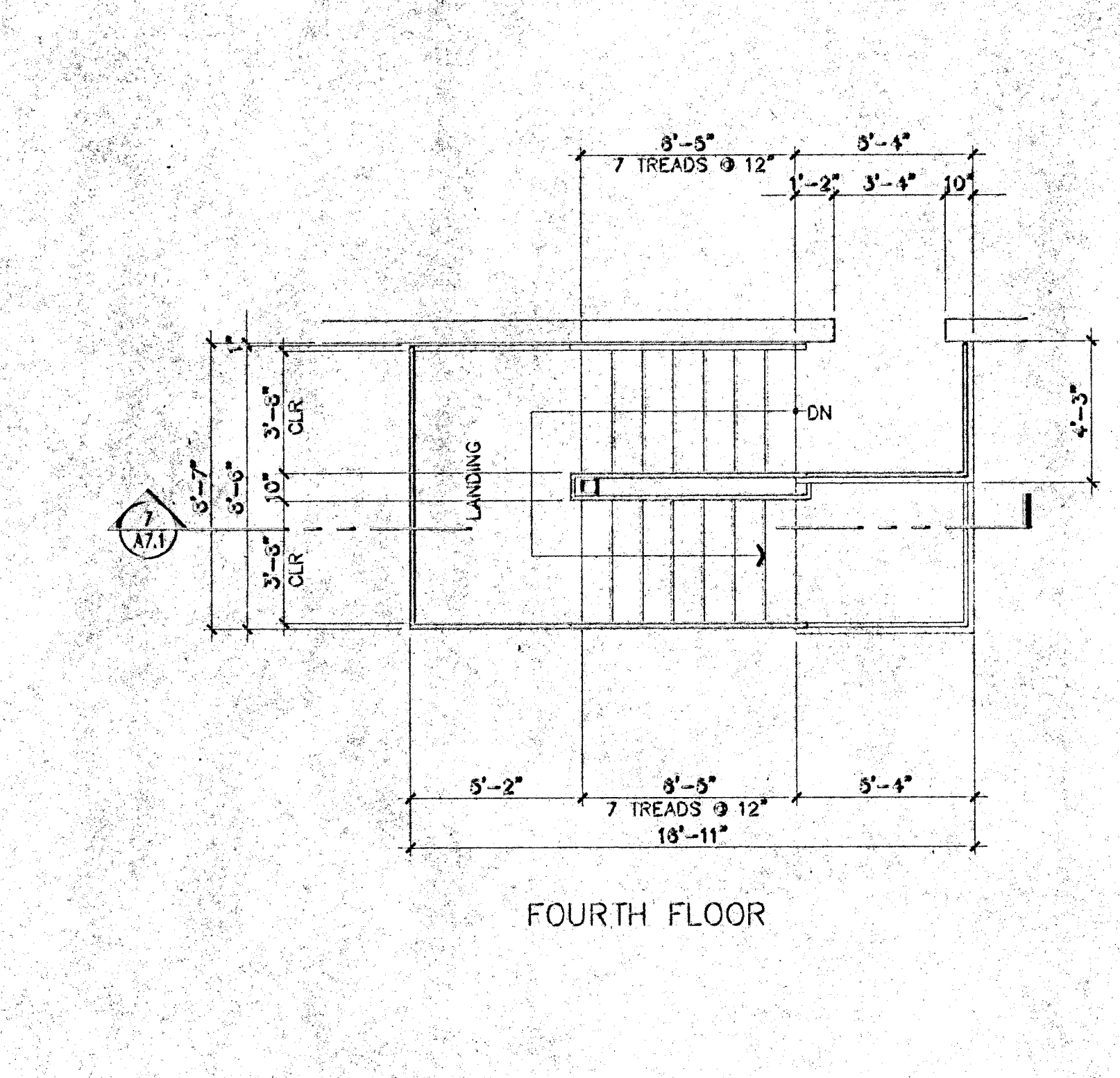
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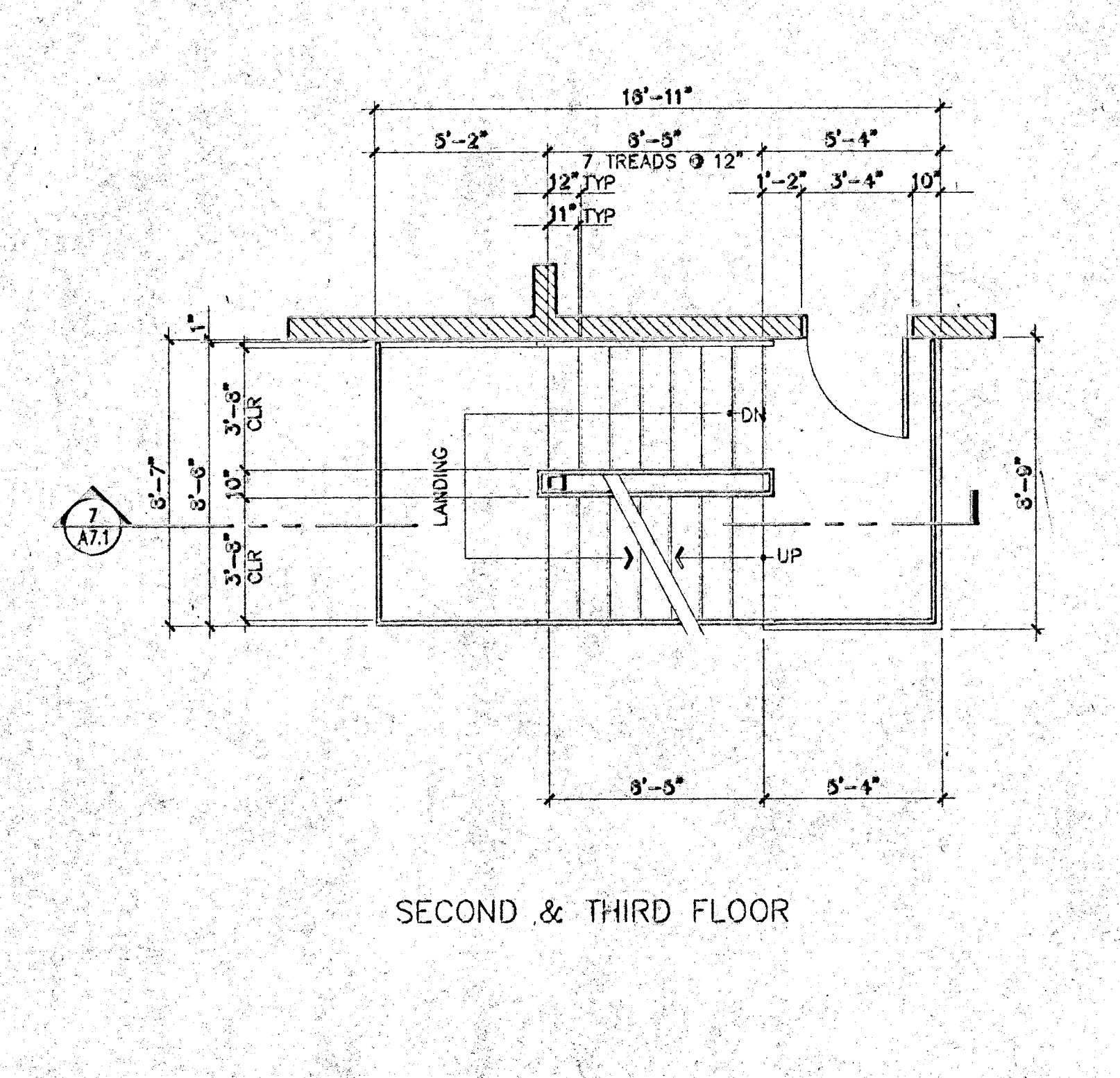
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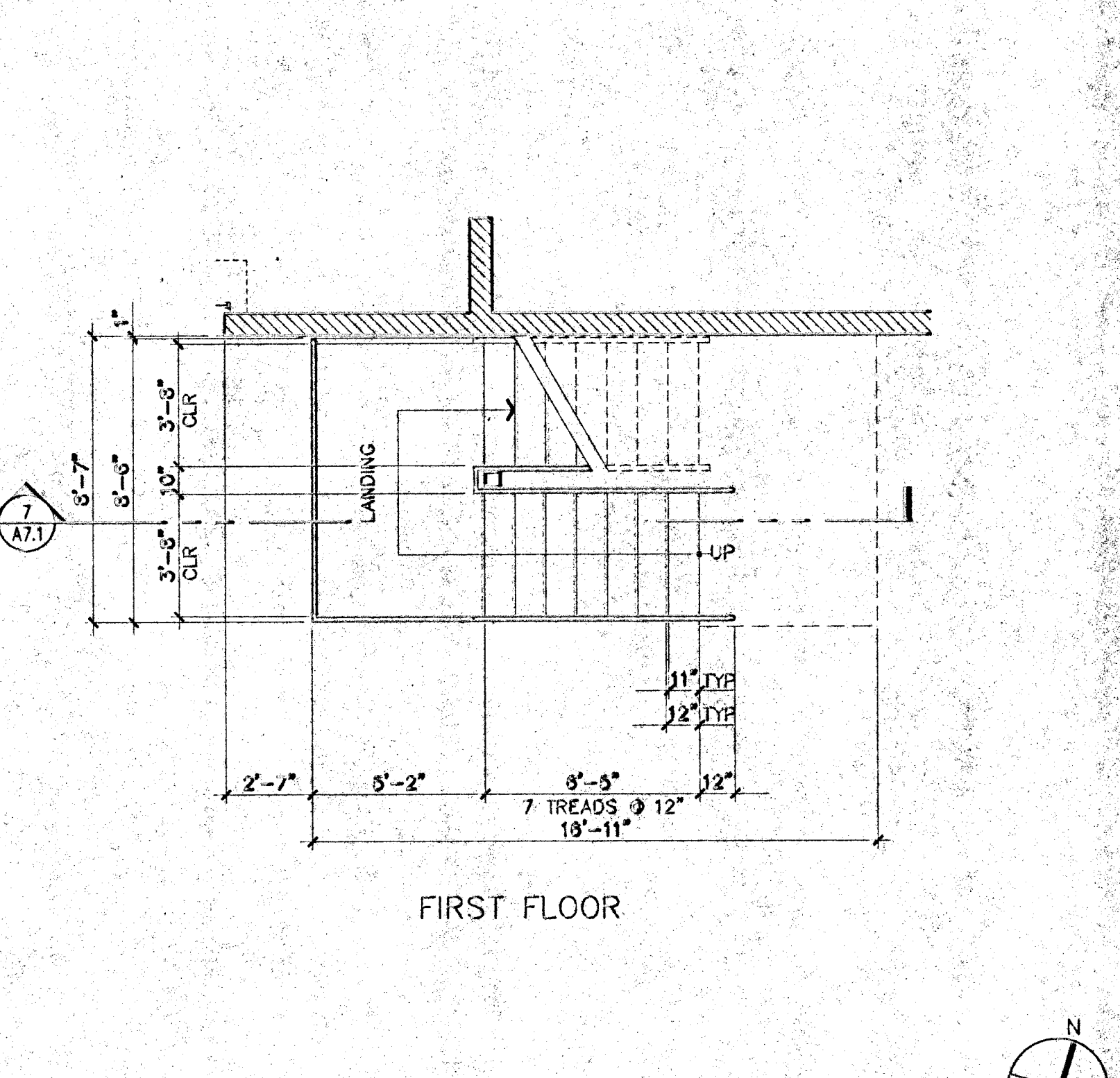
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STAIR NO. 2 1/4"=1'-0" 7



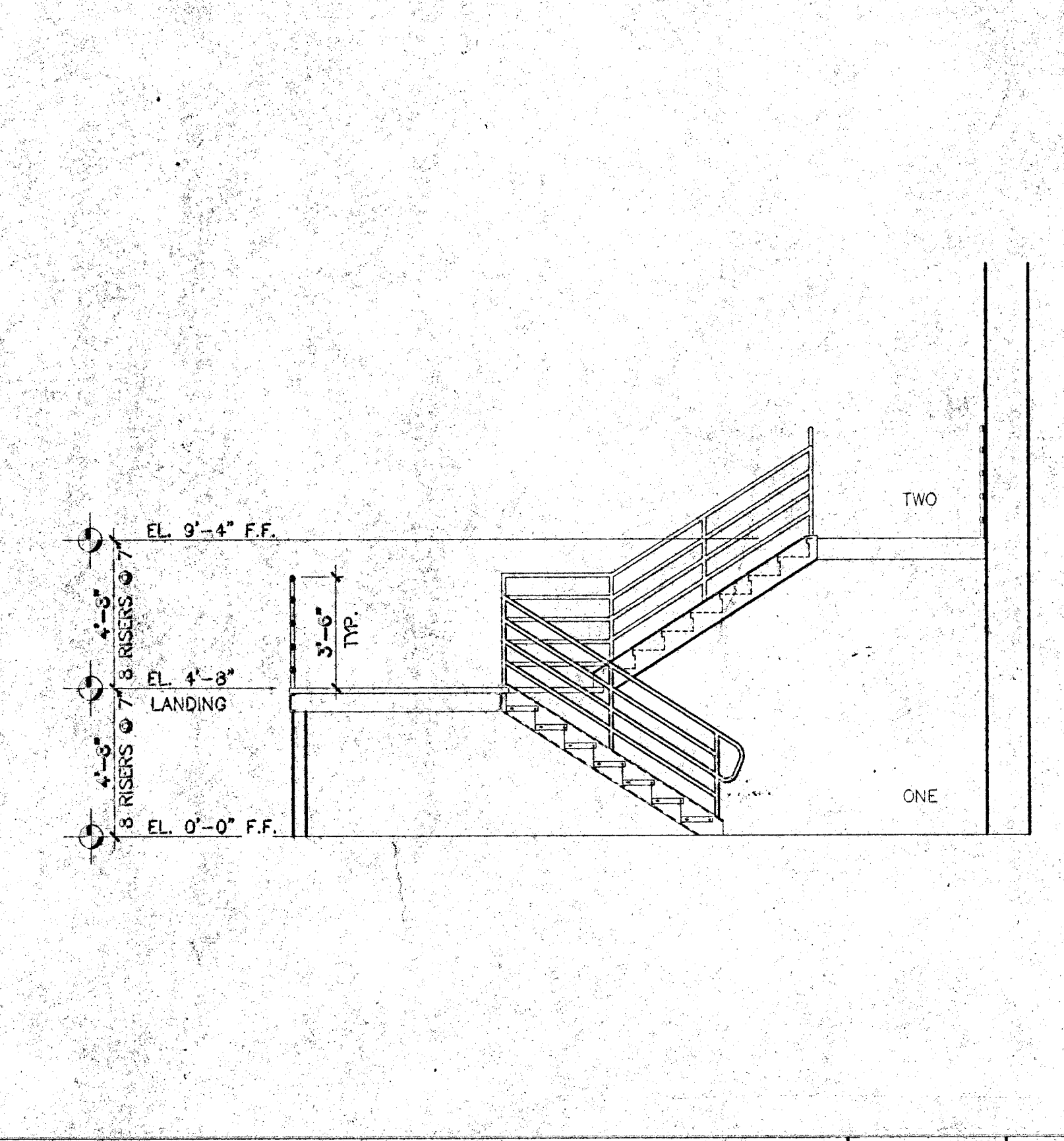
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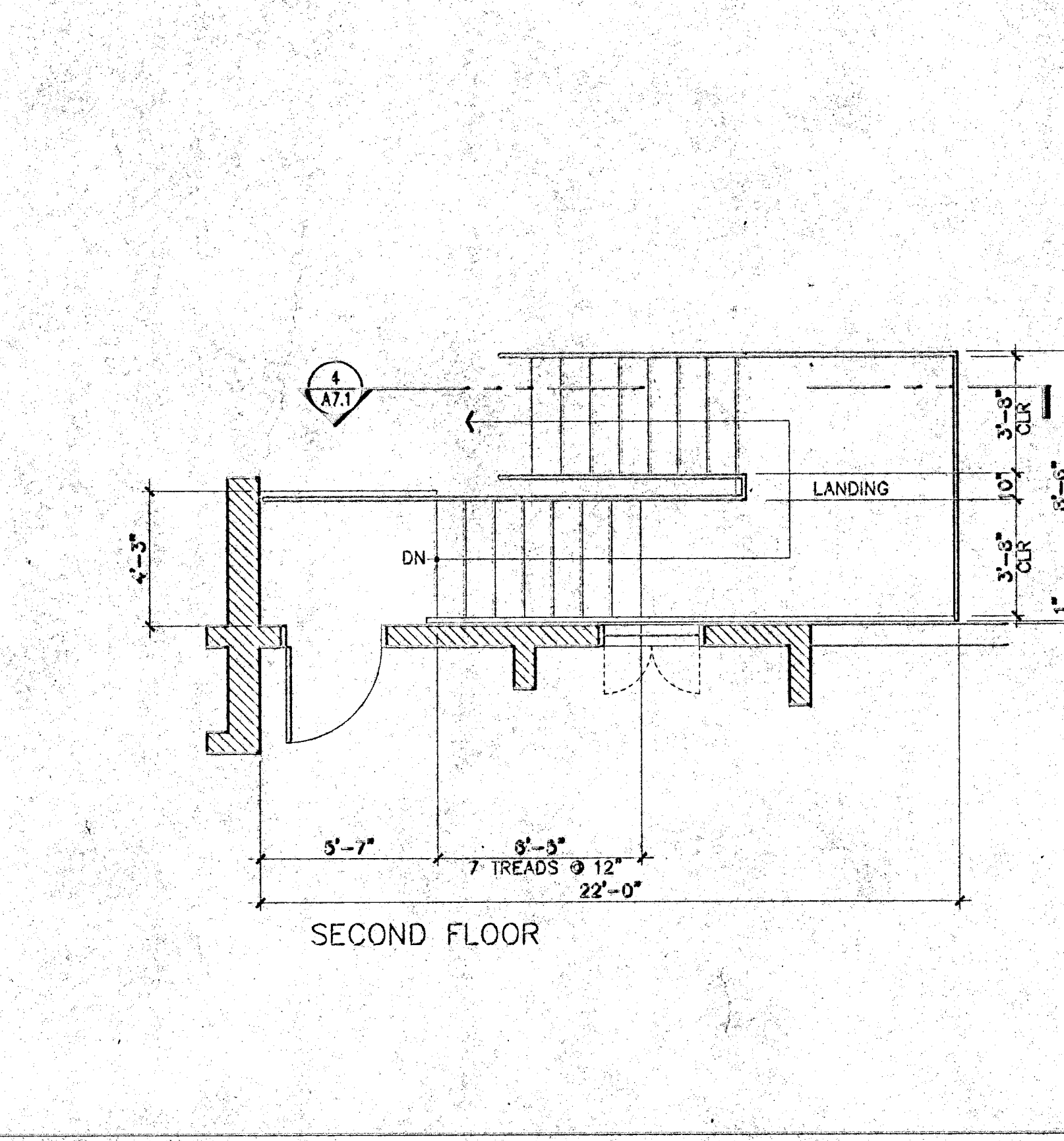
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STAIR NO. 3 1/4"=1'-0" 4



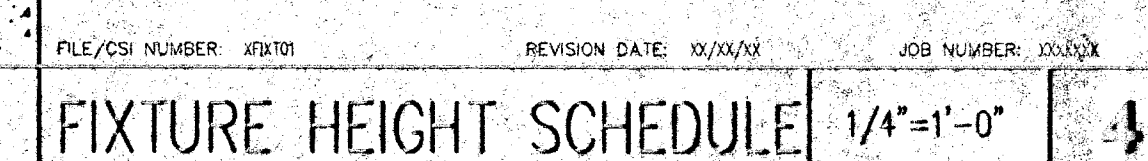
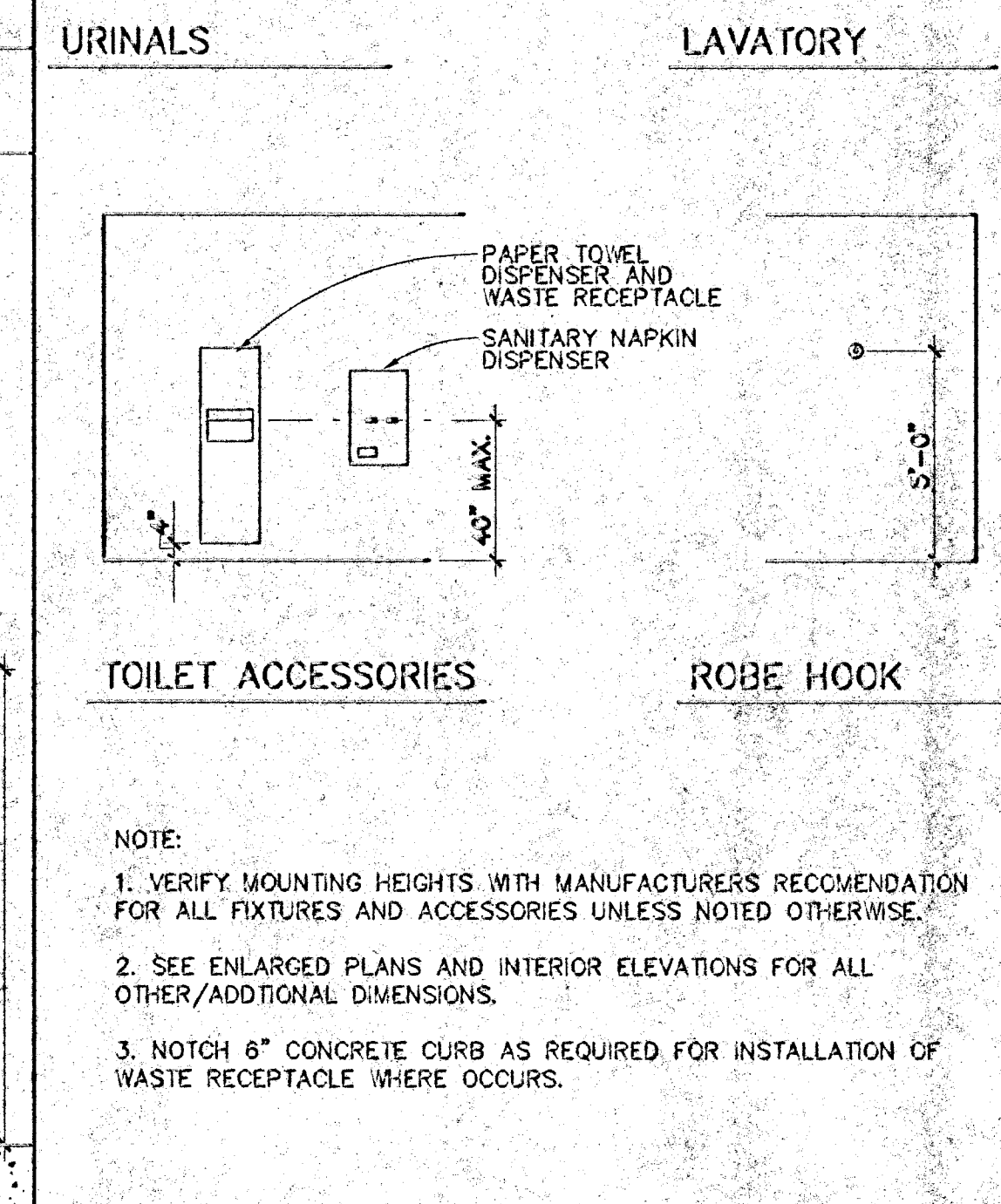
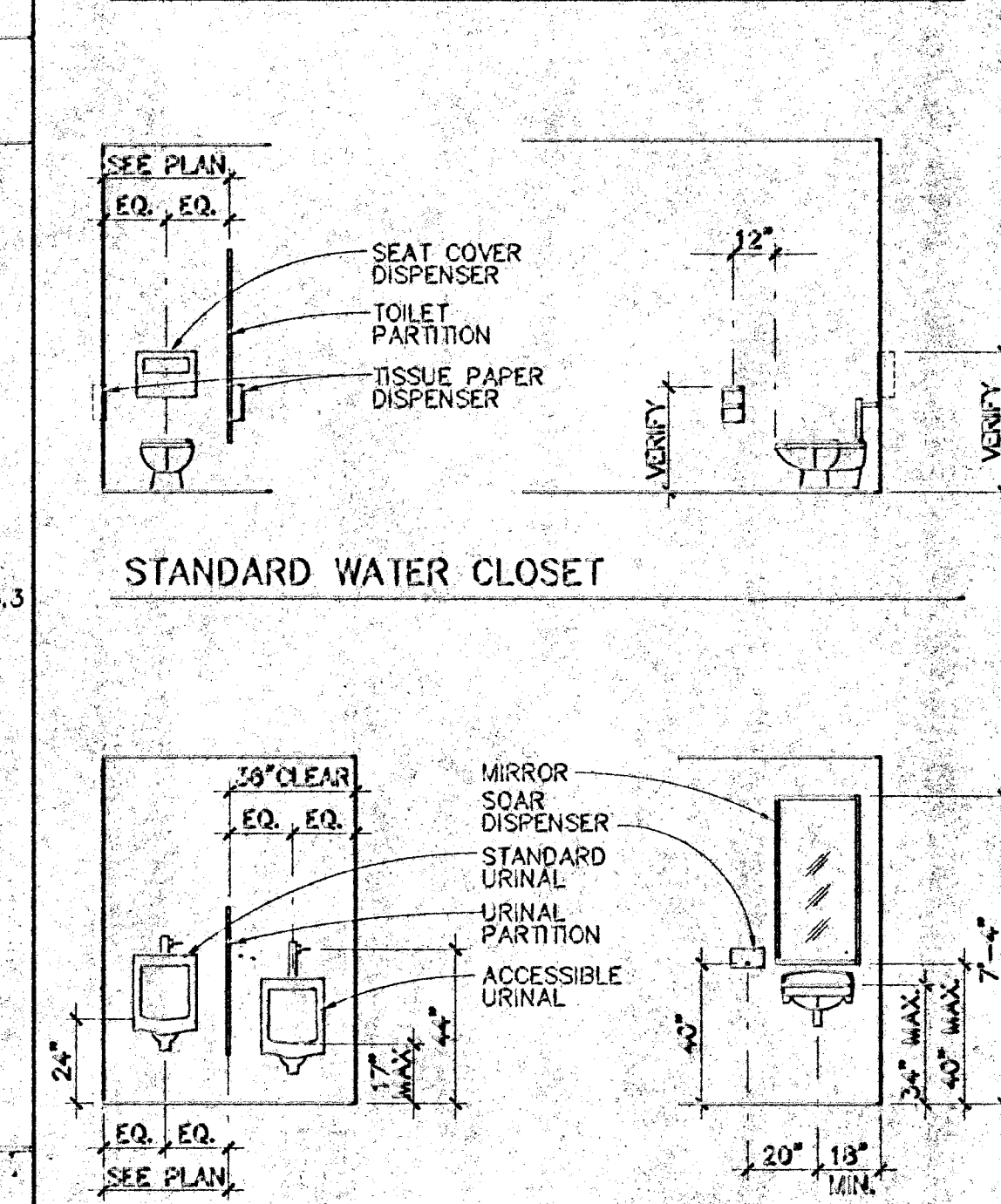
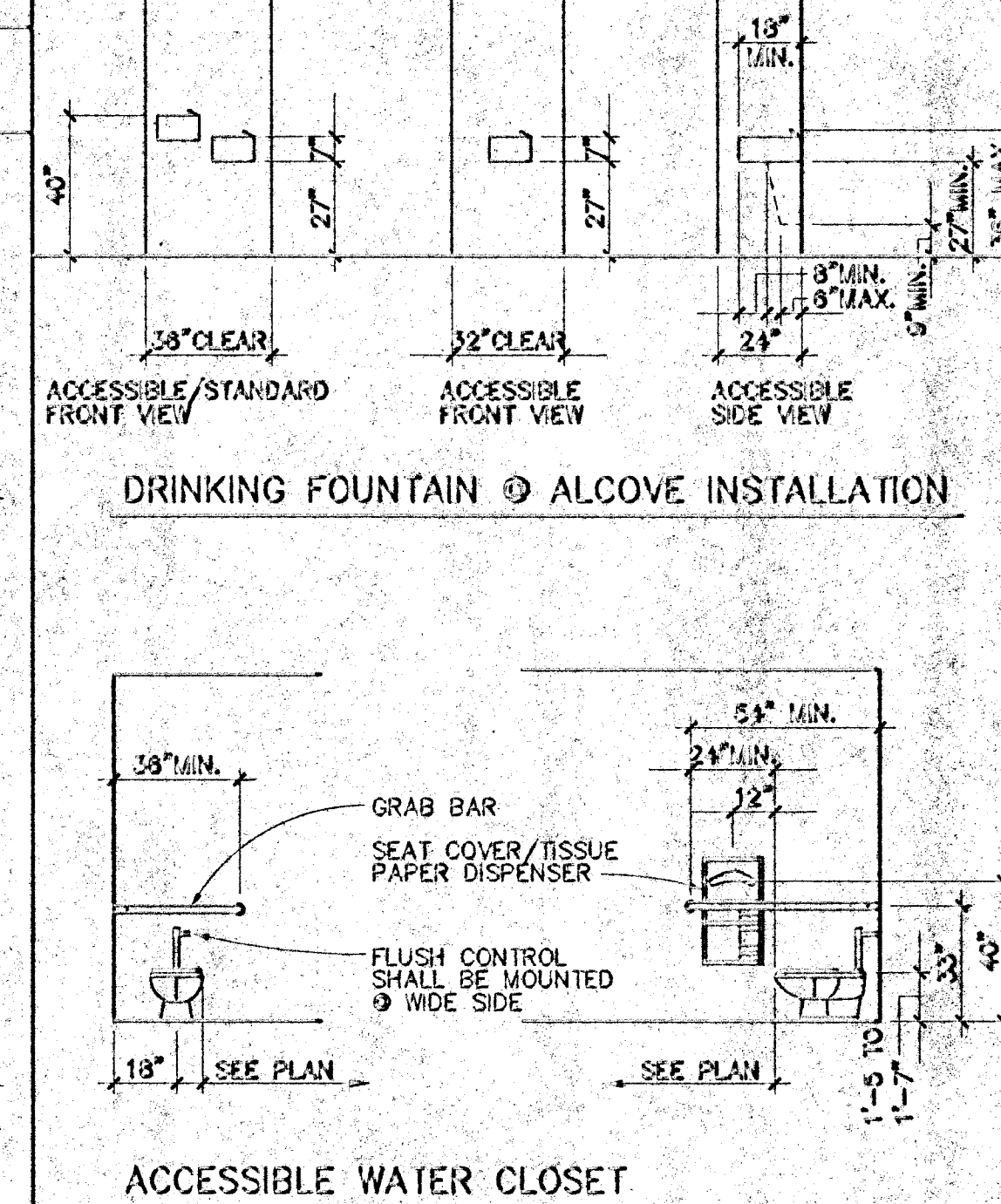
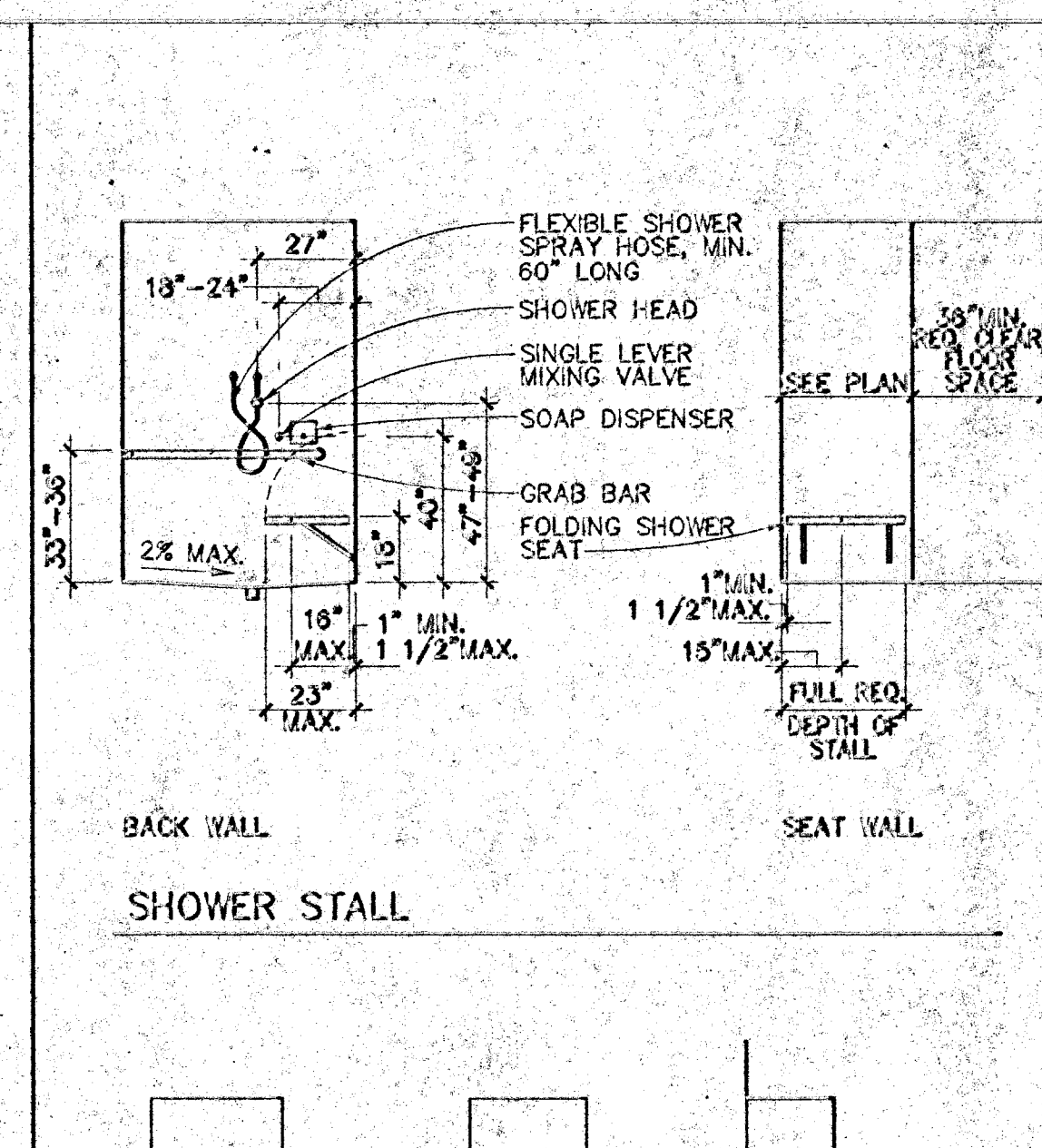
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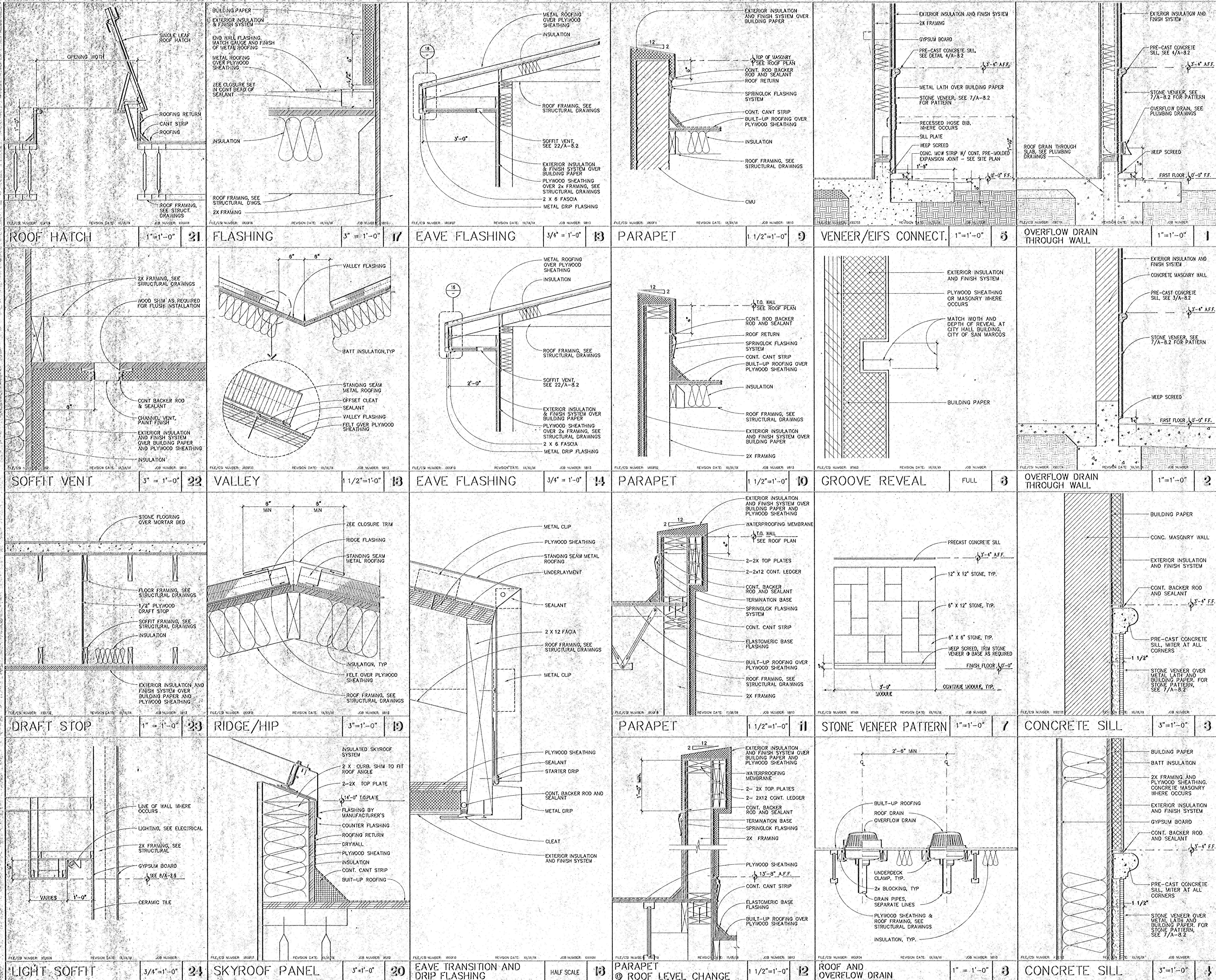


STAIR NO. 3 1/4"=1'-0" 4

REFERENCE NOTES

C:\Drawing\0503\TRAINING\05135-1.dwg Sun Jan 16 09:21:05 2000 W. L. C. ARCHITECTS

[illegible]



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CONSULTANT

APPROVED

NOTE: NOTICE IS HEREBY GIVEN THAT, PURSUANT TO THE SAN MARCOS CITY CHARTER AND THE SAN MARCOS MUNICIPAL CODE, PAYMENT OF PREVAILING WAGES AND COMPLIANCE WITH THE CALIFORNIA LABOR CODE SECTION 1770 IS NOT REQUIRED FOR THIS PROJECT.

APPROVED

DATE 1/13/00 BY [Signature]

NO	DATE	BY	REMARKS

DETAILS

DRAWN: [Signature]
CHECKED: [Signature]
DATE: JAN. 2000
SCALE: AS NOTED
JOB NO.: 98178

A-32

Architectural drawings for the City of San Marcos Emergency Services Training Facility, including details for shower stalls, projection screens, casework anchorage, wall tile layouts, and various wall and roof connections.

NOTES:

1. CONTINUE WALL TILE PATTERN ON ALL SHOWER INTERIORS.
2. FOR SECTION THRU SHOWER SEE 18.

TYPICAL ELEVATION AT SHOWER HEAD

TYPICAL REAR ELEVATION

TYPICAL SHOWER STALL 1/4" = 1'-0" 17

PROJECTION SCREEN 1-1/2" = 1'-0" 13

CASEWORK ANCHORAGE LOCATIONS

GENERAL NOTES:

1. ALL CASEWORK SHOWN ON SCHEDULE ARE NOT NECESSARILY USED. ONLY CASEWORK ITEMS CALLED OUT ON INTERIOR ELEVATIONS AND/OR FLOOR PLANS SHALL BE USED.
2. CASEWORK UNITS SHOWN ON SCHEDULE ARE THOSE OF THE WOODWORK INSTITUTE OF CALIFORNIA (WIC) DESIGN NUMBERING SYSTEM.
3. ALL CASEWORK DIMENSIONS INDICATED ON SCHEDULE ARE NOMINAL OUTSIDE DIMENSIONS.
4. ALL DIMENSIONS NOTED ON SCHEDULE ARE IN INCHES.
5. CASEWORK REQUIRED AT EDGES OF CABINETS WHERE CASEWORKS ARE ADJACENT TO WALLS.
6. ALL FILLER STRIPS AT ALL TALL AND SMALL CASEWORKS TO HAVE TOP AND BOTTOM RETURNS.
7. HEIGHT DIMENSIONS OF BASE CABINETS INCLUDE FINISHED TOP THICKNESS OF 1 1/2" & SUBSIST HEIGHT OF 4" UNLESS OTHERWISE NOTED.
8. HEIGHT DIMENSIONS OF APPLIANCES INCLUDE FINISHED TOP THICKNESS OF 1 1/2" UNLESS OTHERWISE NOTED.
9. HEIGHT DIMENSIONS OF TOPS WITH APRONS FROM FINISHED FLOOR LINE SHALL MATCH HEIGHT OF SMALL MATCH HEIGHT OF ADJACENT BASE CABINETS UNLESS OTHERWISE NOTED.
10. ALL PLAN DIMENSIONS OF CASEWORK ARE CABINET DIMENSIONS ONLY & DO NOT INCLUDE TOPS.
11. PROVIDE FINISHED END PANELS FOR SUPPORT OF COUNTERTOPS AT UNDER-COUNTER EQUIPMENT WHERE SHOWN. WHERE THERE IS NO ADJACENT WALL OR COUNTERTOP, END PANELS SHALL BE USED FOR SUPPORT.
12. FINISH ALL EXPOSED PORTIONS OF CASEWORK AND COUNTERTOPS.
13. ALL UNITS INCLUDING OPEN UNITS SHALL HAVE CASEWORK MANUFACTURER'S STANDING CABINET LINER UNLESS OTHERWISE NOTED.
14. ALL TOP EDGES SHALL BE 1/4" IN HEIGHT AND 3/4" IN DEPTH AND SHALL RETURN TO WALL WHERE EDGES OF CASEWORKS ARE EXPOSED.
15. ALL SHELVEING SHALL BE ADJUSTABLE UNLESS OTHERWISE NOTED.
16. PROVIDE DUST CLOSURE PANELS TO CEILING OR DROPPED SOFFIT AS INDICATED ON ELEVATIONS OR PLAN.
17. ALL COUNTERTOPS SHALL BE OF DEPTHS AS DETAIL AND SHALL BE OF ADJACENT MATERIAL LENGTHS REQUIRED TO CONFORM TO OVERALL BASE CABINET DIMENSIONS.
18. PROVIDE BACKLASH RETURN AT EDGES OF COUNTERTOPS WHERE ADJACENT TO WALL OR OTHER FULL HEIGHT CASEWORK.
19. ALL SINKS, SINK ISLAND & ELECTRICAL ITEMS SHALL BE FURNISHED BY OTHER THAN THE CASEWORK MANUFACTURER UNLESS OTHERWISE NOTED.
20. ALL COUNTERTOPS SHALL BE PLASTIC LAMINATE UNLESS OTHERWISE NOTED.

CASEWORK ANCHORAGE NOTES:

1. CASEWORK (FRONT) (BACK) (TOP) (BOTTOM)
2. FACE OF WALL
3. 1 x 4 CONTINUOUS WOOD CLEAT
4. 1 x 2 CONTINUOUS WOOD CLEAT
5. ANCHORAGE - TYPE VARIES BASE UPON WALL CONSTRUCTION AS FOLLOWS:
WOOD STUD FRAMING - #10 x 3 1/2" STUDS @ 18" OC, 2" MAXIMUM FROM EACH END, MINIMUM 2 PER CABINET 1/2" x 4" WOOD BLOCKING WITH A34 TOP AND BOTTOM, OR
METAL STUD FRAMING - 3/8" x 2 1/2" STUDS @ 18" OC, 2" MAXIMUM FROM EACH END, MINIMUM 2 PER CABINET 1/2" x 4" STEEL PLATE x CABINET LENGTH
OR
MASONRY OR CONCRETE - 3/8" "RAMSEY" DYNABOLT SLEEVE ANCHORS (2" MIN EMBEDMENT) @ 24" OC, MINIMUM 2 PER CABINET
6. 3/4" PARALLEL BOARD SHORT
7. 2 x 4 PLATE
8. FASCIA
9. 2 x 8 CUSSET @ 18" OC - #10 x 2" LONG STUDS (8" FROM EACH END), SET 2x IN LINE THERE FASTENERS ARE PARALLEL TO 2x GRAIN, NO EXPOSED SCREW HEADS
10. #10 x 3" FLAT HEAD WOOD SCREWS @ 24" OC

1-HR ROOF/CORRIDOR & EXT. WALL DETAIL 1 1/2" = 1'-0" 13

DEPOSITORY 1-1/2" = 1'-0" 14

CASEWORK ANCHORAGE 3

TYP. WALL TILE 3/8" = 1'-0" 2

WALL TO FLOOR/ROOF 1 1/2" = 1'-0" 23

SECURITY BAR HALF SCALE 19

CMU WALL/2 HOUR STUD WALL CONNECTION 3'-1"-0" 21

FLASHING 3' = 1'-0" 20

SHOWER SECTION 1 1/2" = 1'-0" 13

PLANTER WELL 1 1/2" = 1'-0" 12

CONDUIT @ ROOF 1' = 1'-0" 3

PIPE ROOF VENT 1 1/2" = 1'-0" 4

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fax: 909 980 9380

**City of San Marcos
Emergency Services Training Facility**

Santar Place
San Marcos, Ca 92069

CONSULTANT

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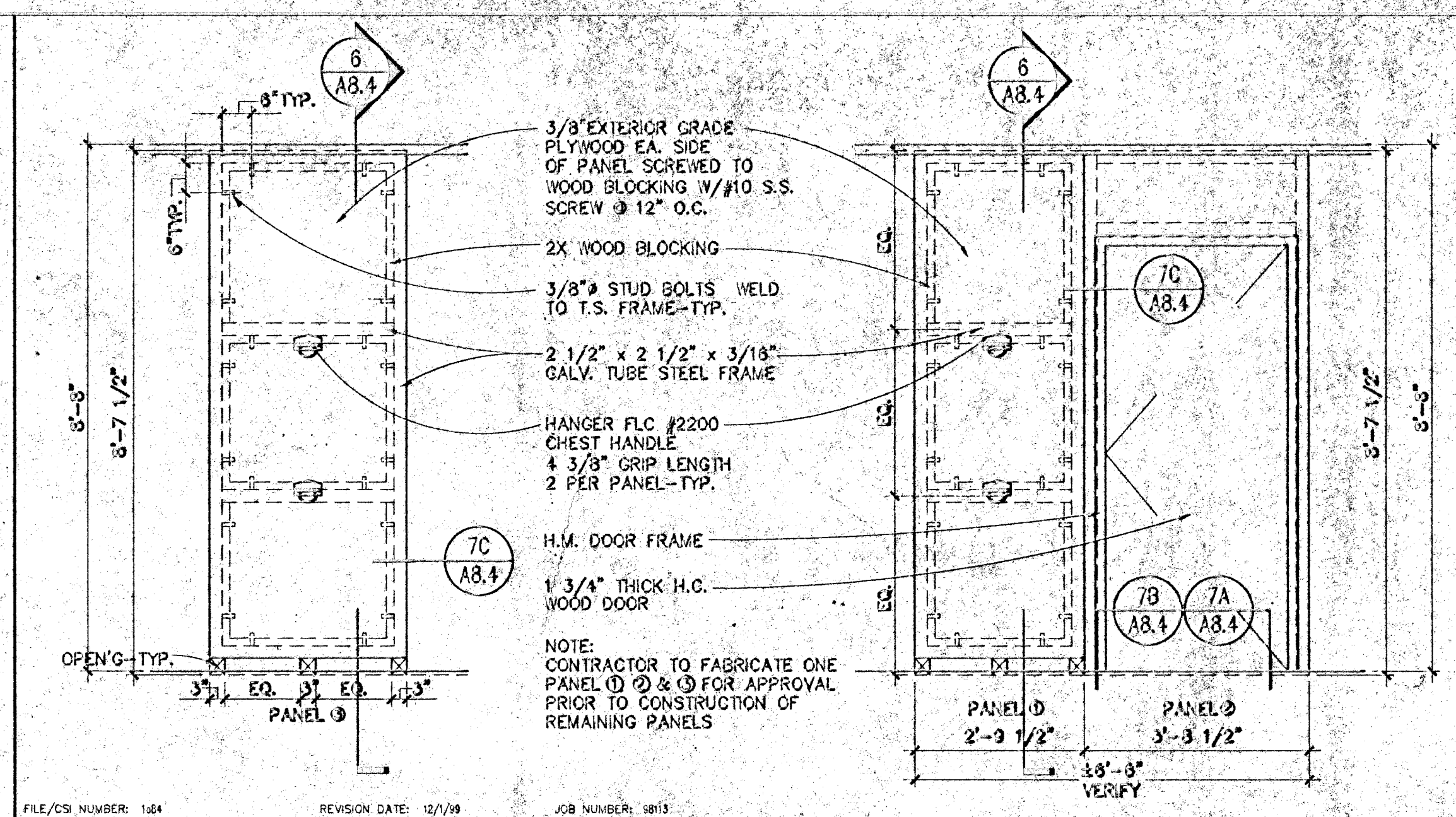
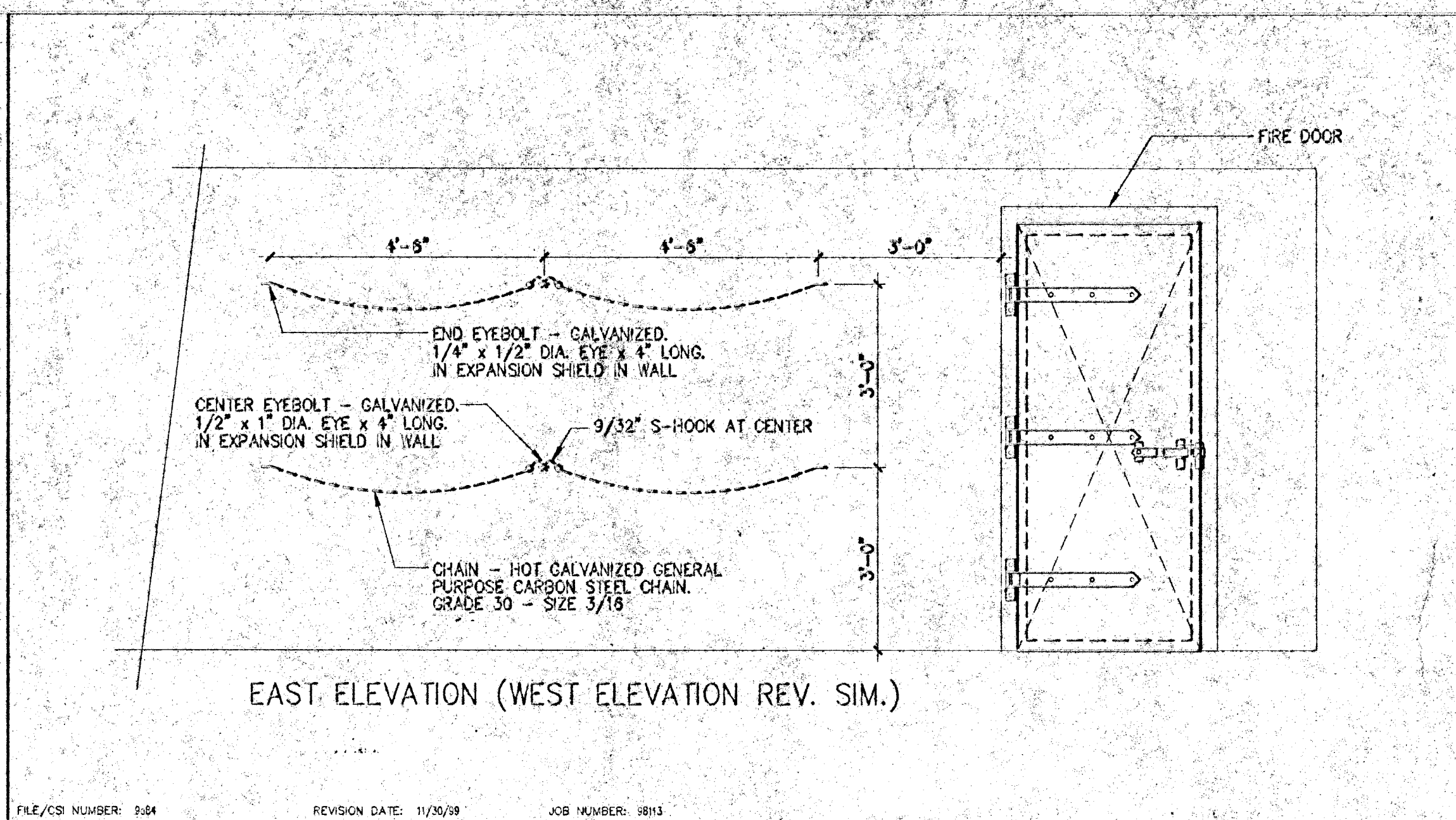
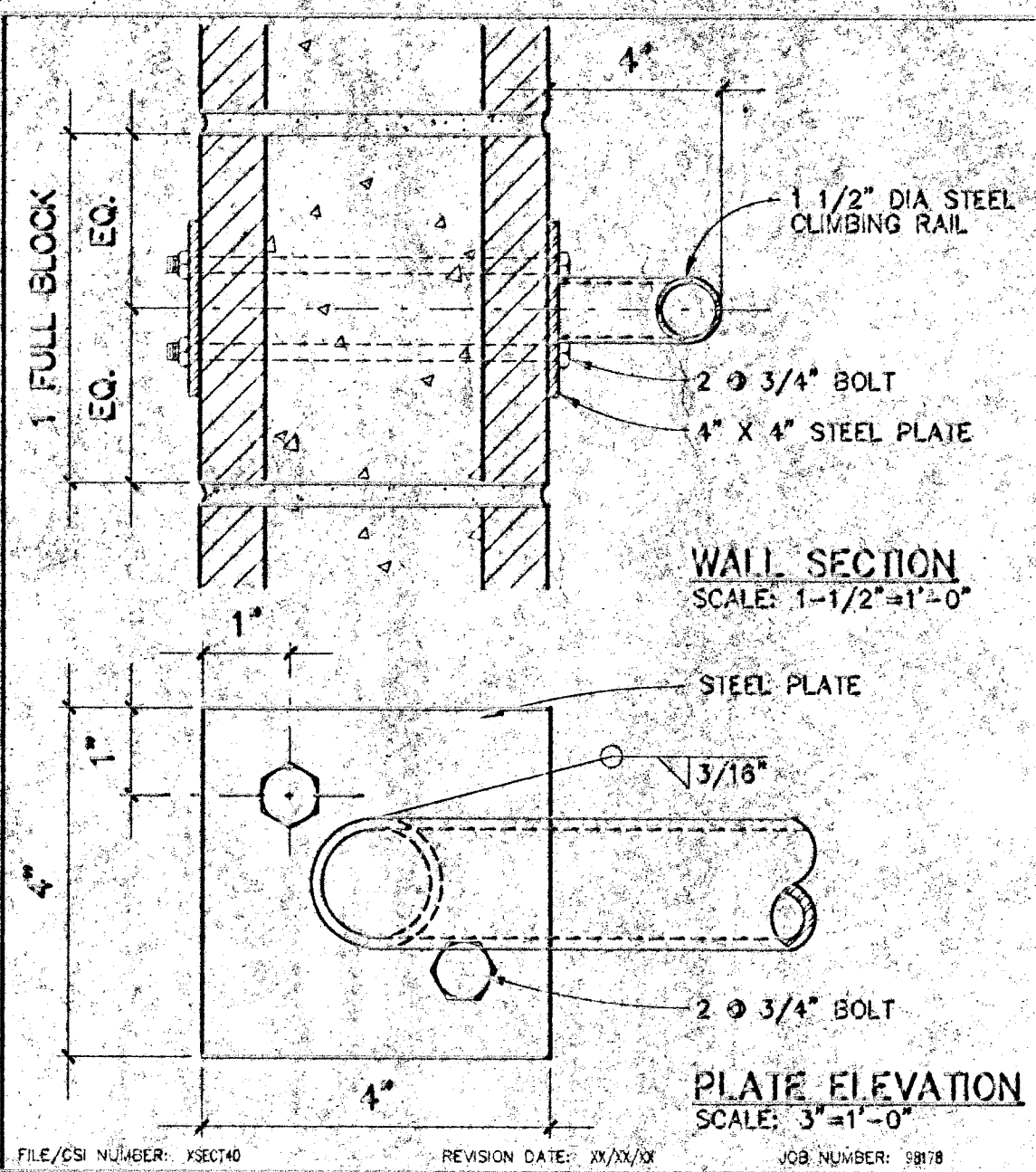
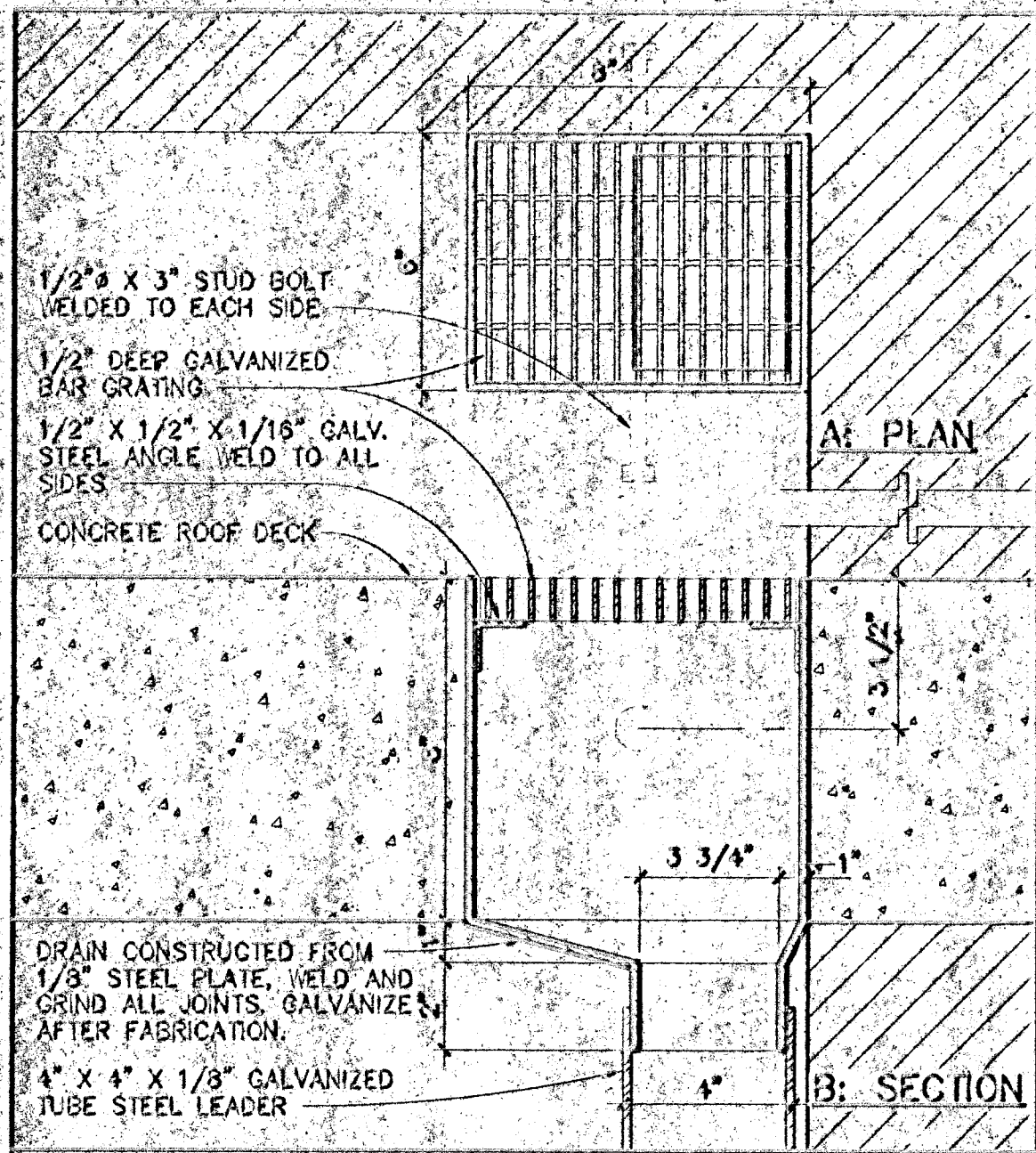
NOTE: NOTICE IS HEREBY GIVEN THAT, PURSUANT TO THE SAN MARCOS CITY CHARTER AND THE SAN MARCOS MUNICIPAL CODE, PAYMENT OF PREVAILING WAGES AND COMPLIANCE WITH THE CALIFORNIA LABOR CODE SECTION 1770 IS NOT REQUIRED FOR THIS PROJECT.

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DETAILS

DRAWN
CHECKED
DATE JAN. 2000
SCALE AS NOTED
JOB NO. 93178

A-33



21 CLIMBING RAIL

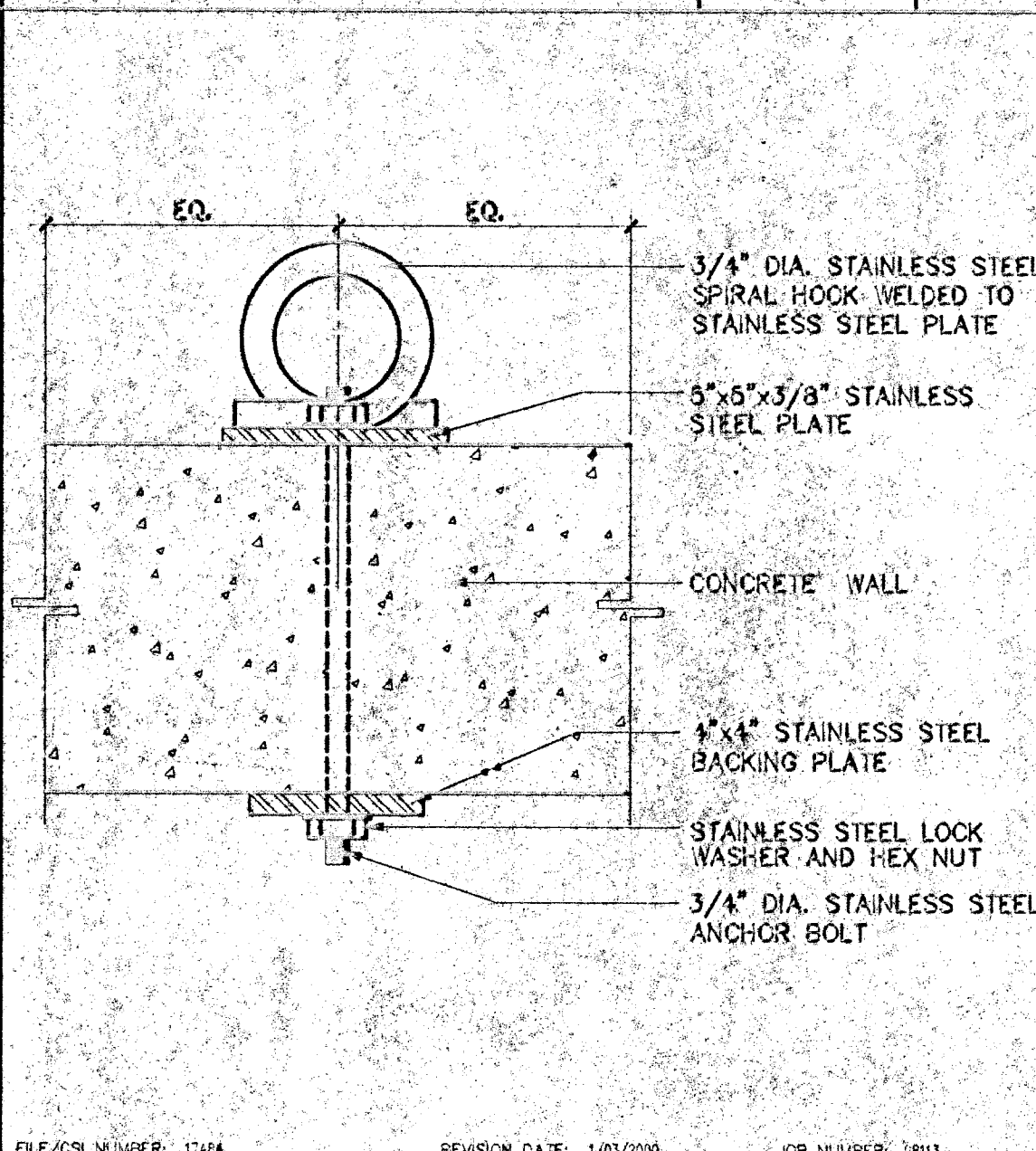
AS NOTED

17 CHAINS ON WALL, ROOM 105

1/2"=1'-0"

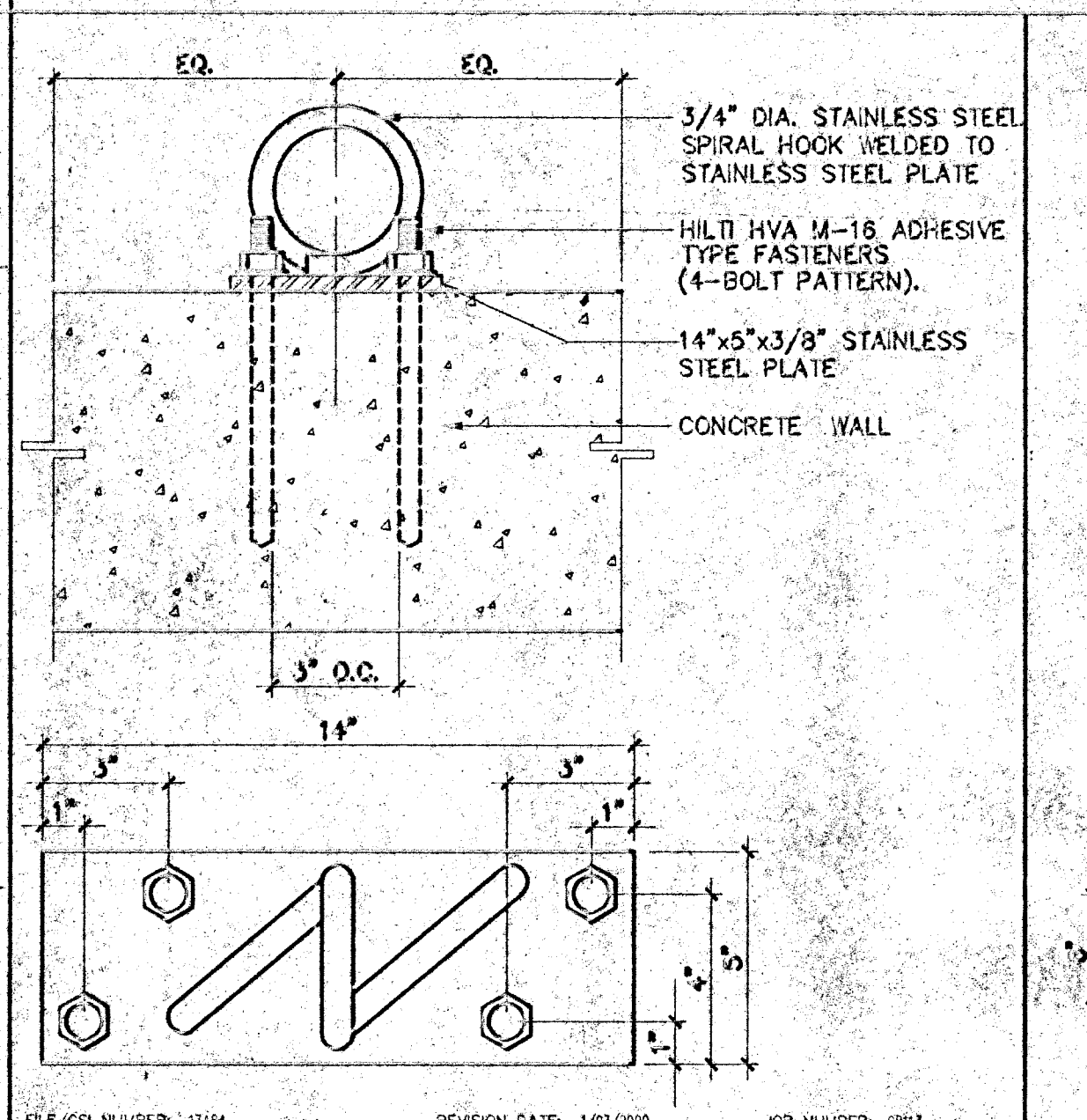
9 MAZE PANEL

1/2"=1'-0"

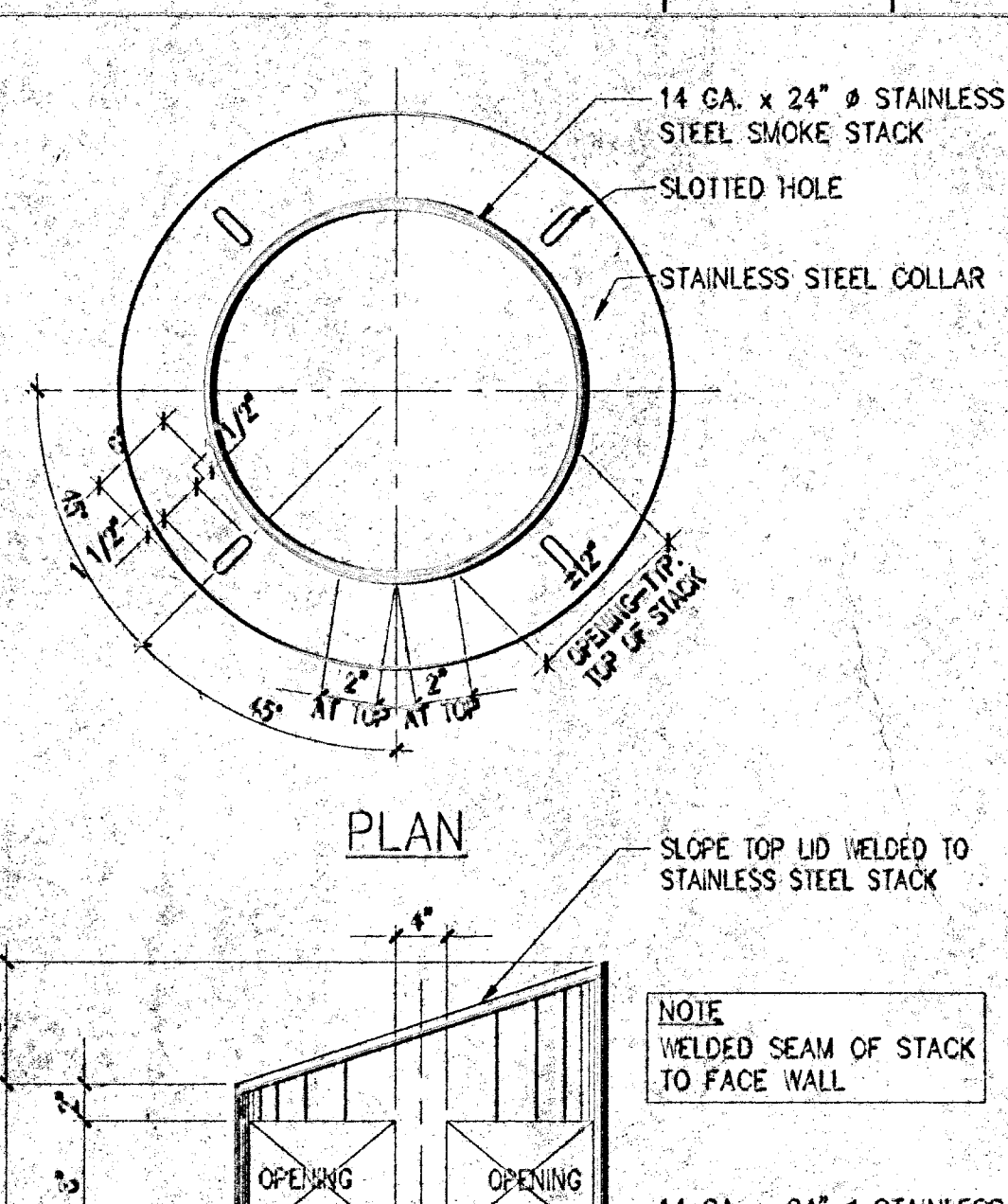


22 "THRU-BOLT" ROOF DECK ANCHOR

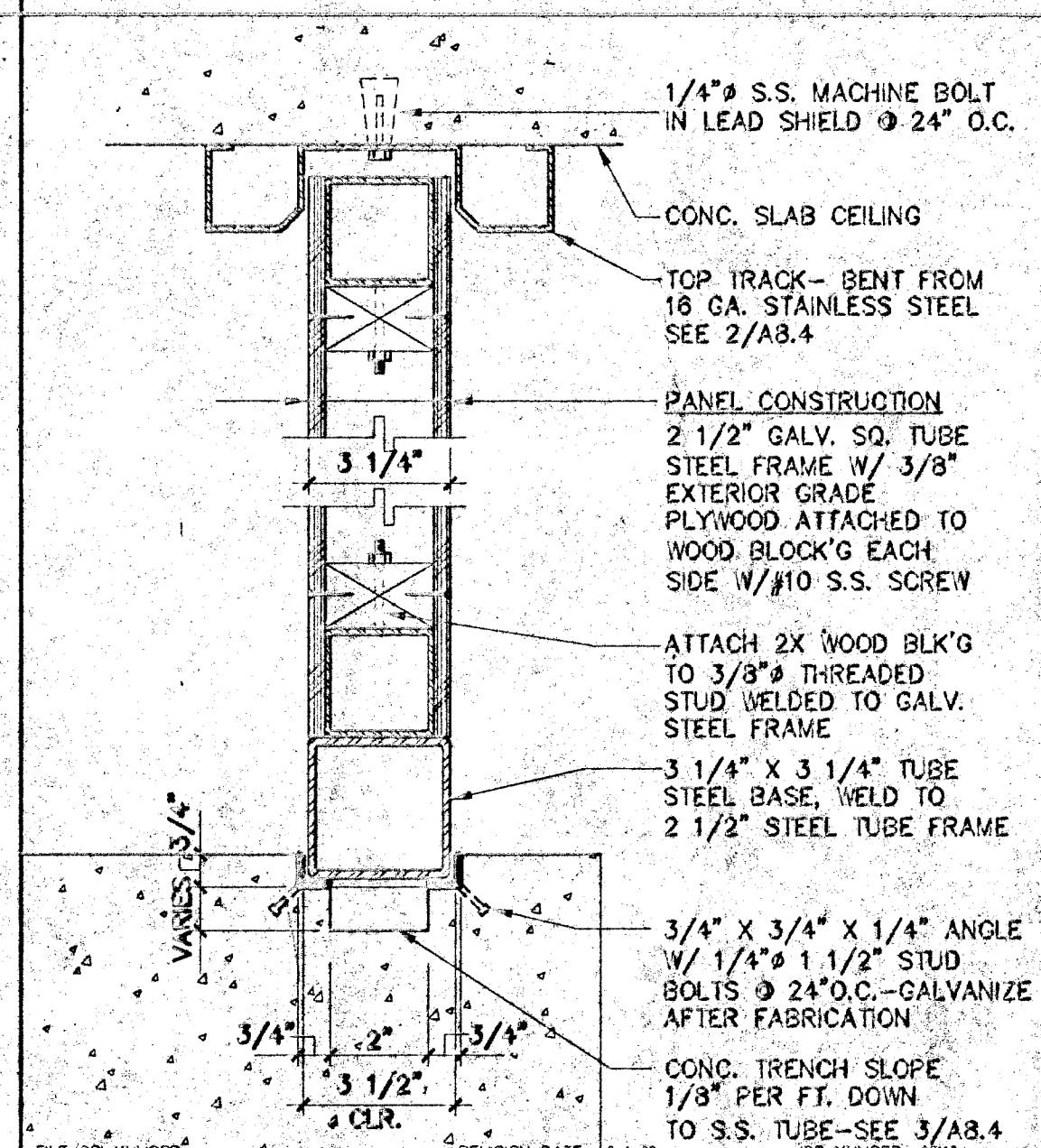
3"=1'-0"



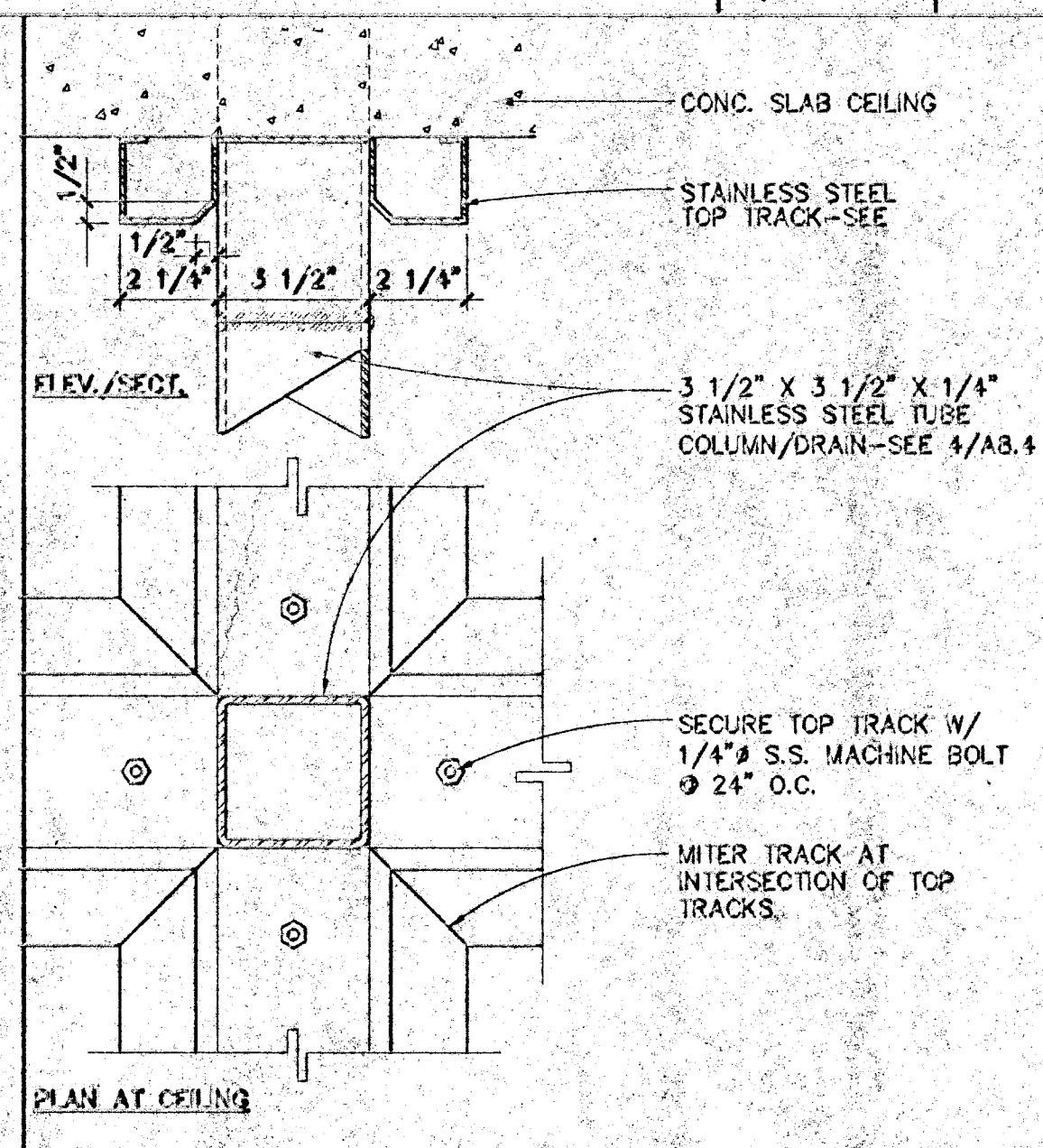
13 "ADHESIVE" WALL ANCHOR



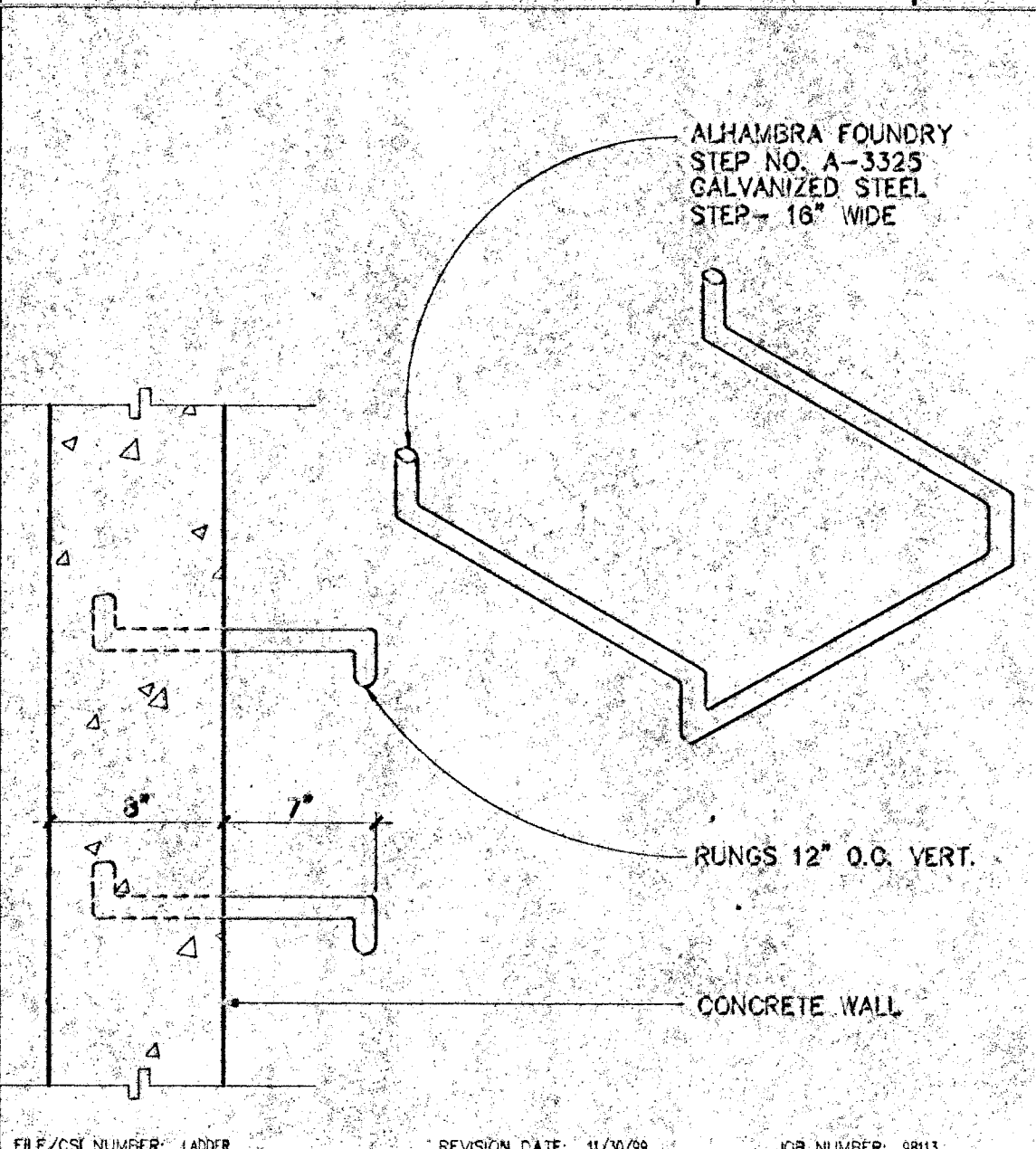
14 STAINLESS STEEL SMOKE STACK



MAZE PANEL SECTION

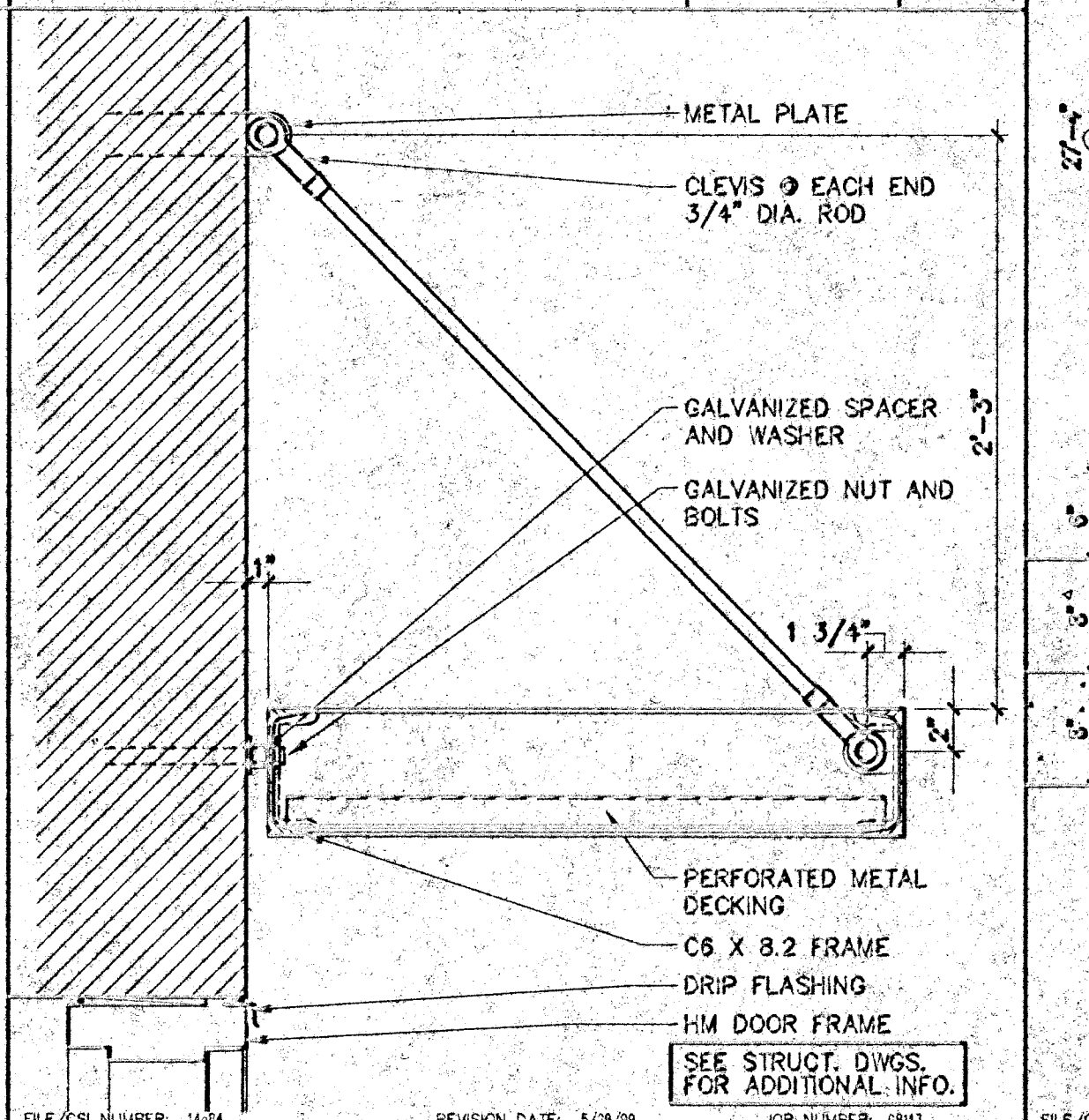


3 S.S. TS. COL. @ TOP TRACK

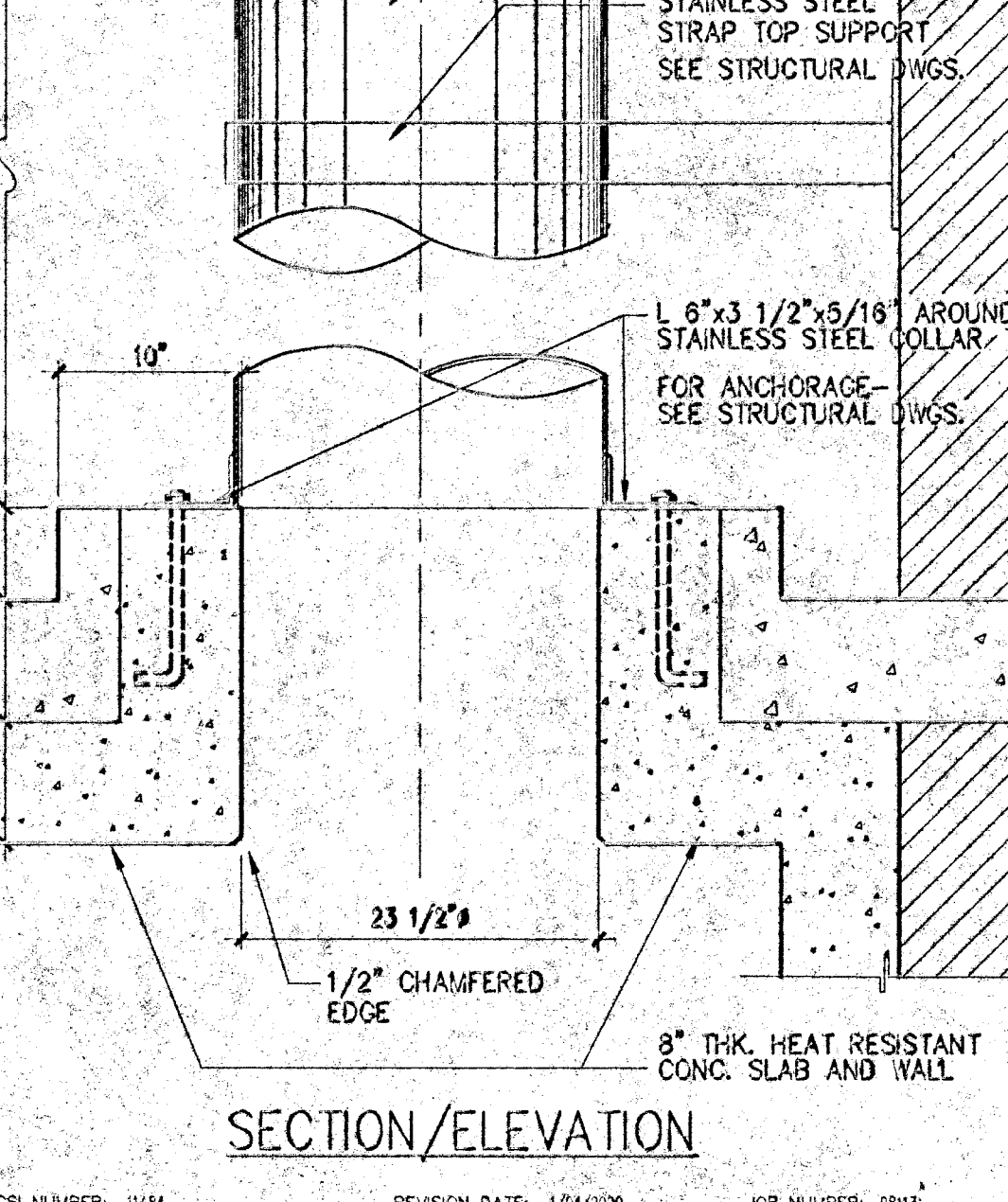


23 LADDER

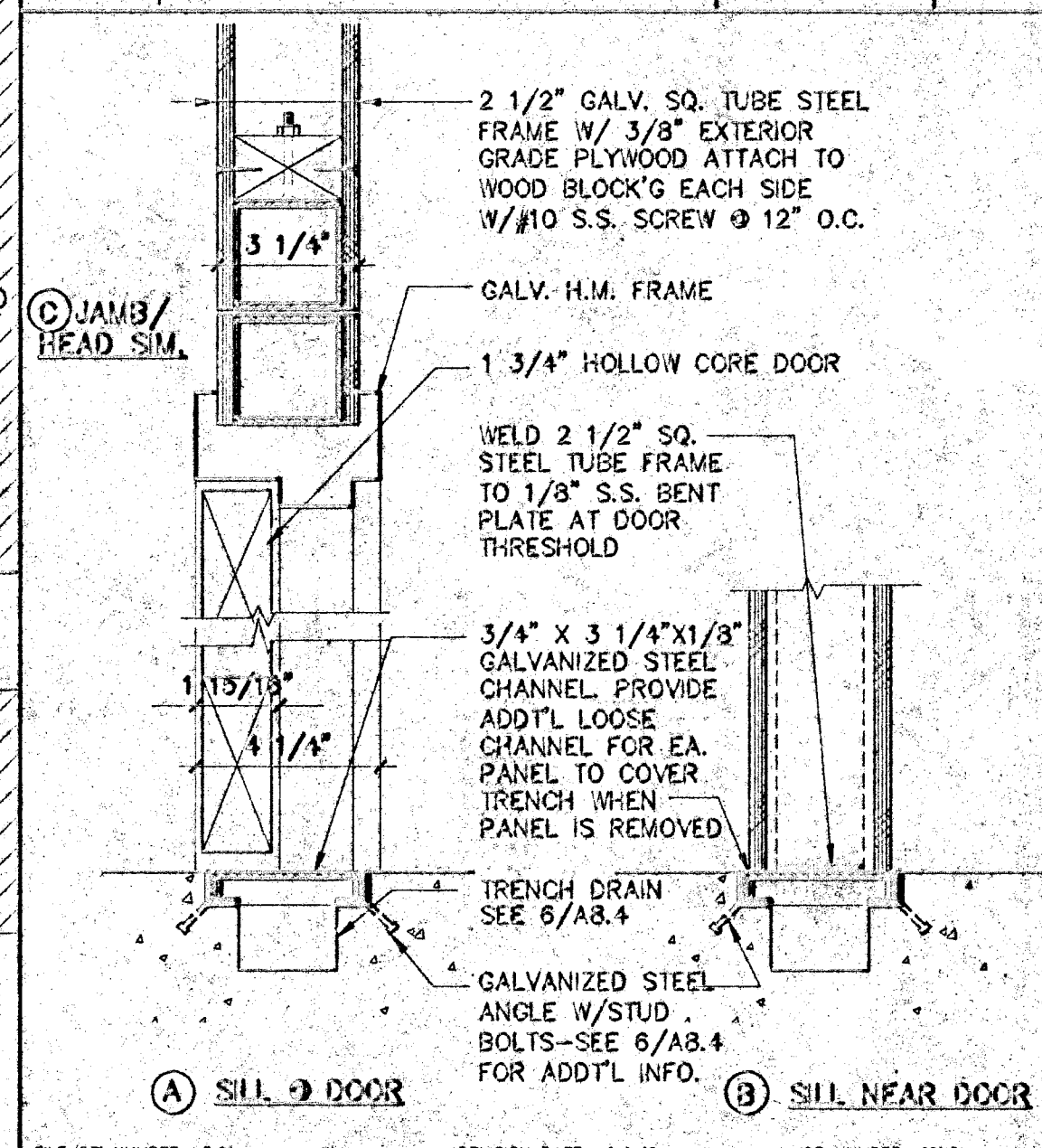
1 1/2"=1'-0"



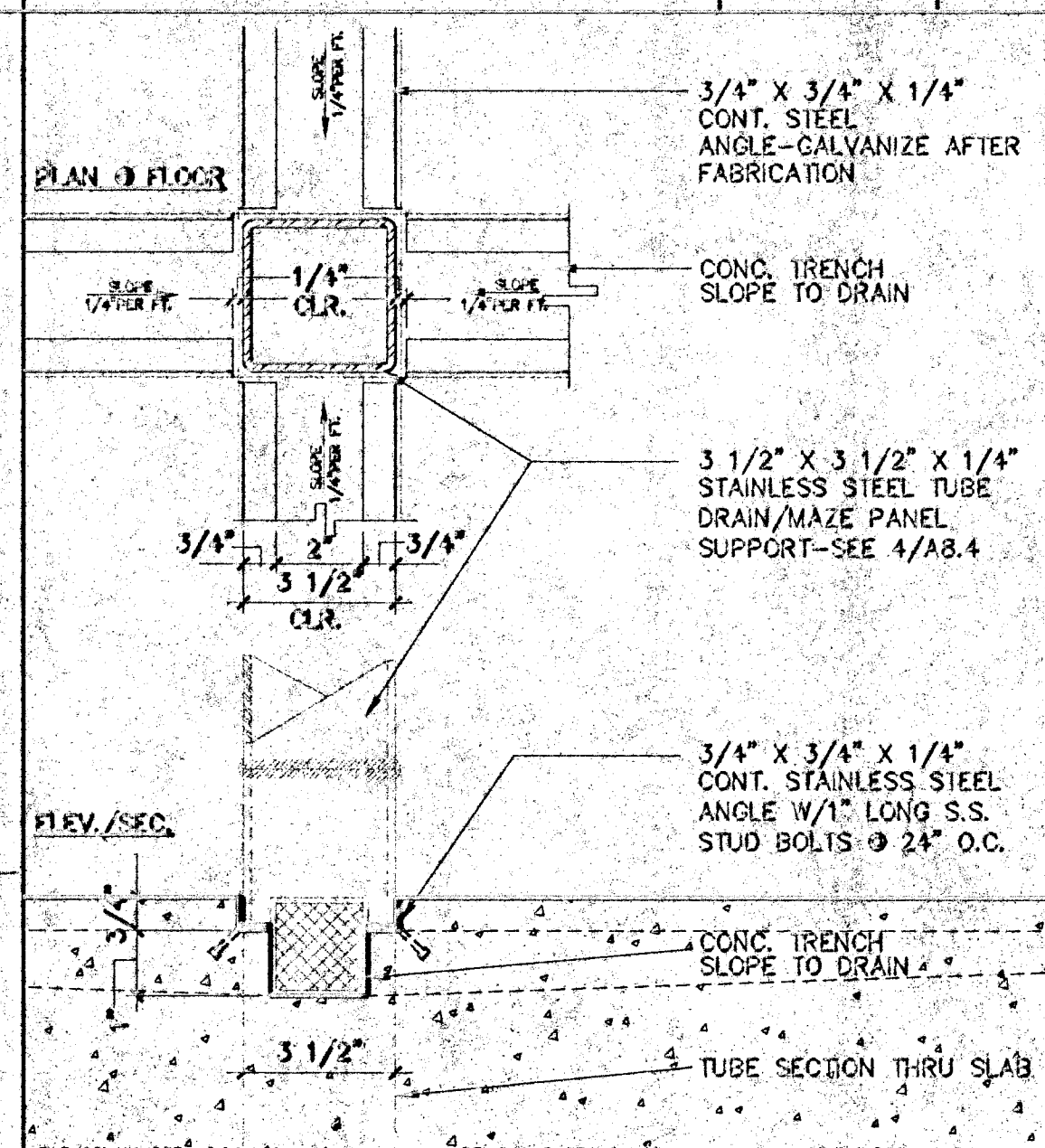
19 AWNING



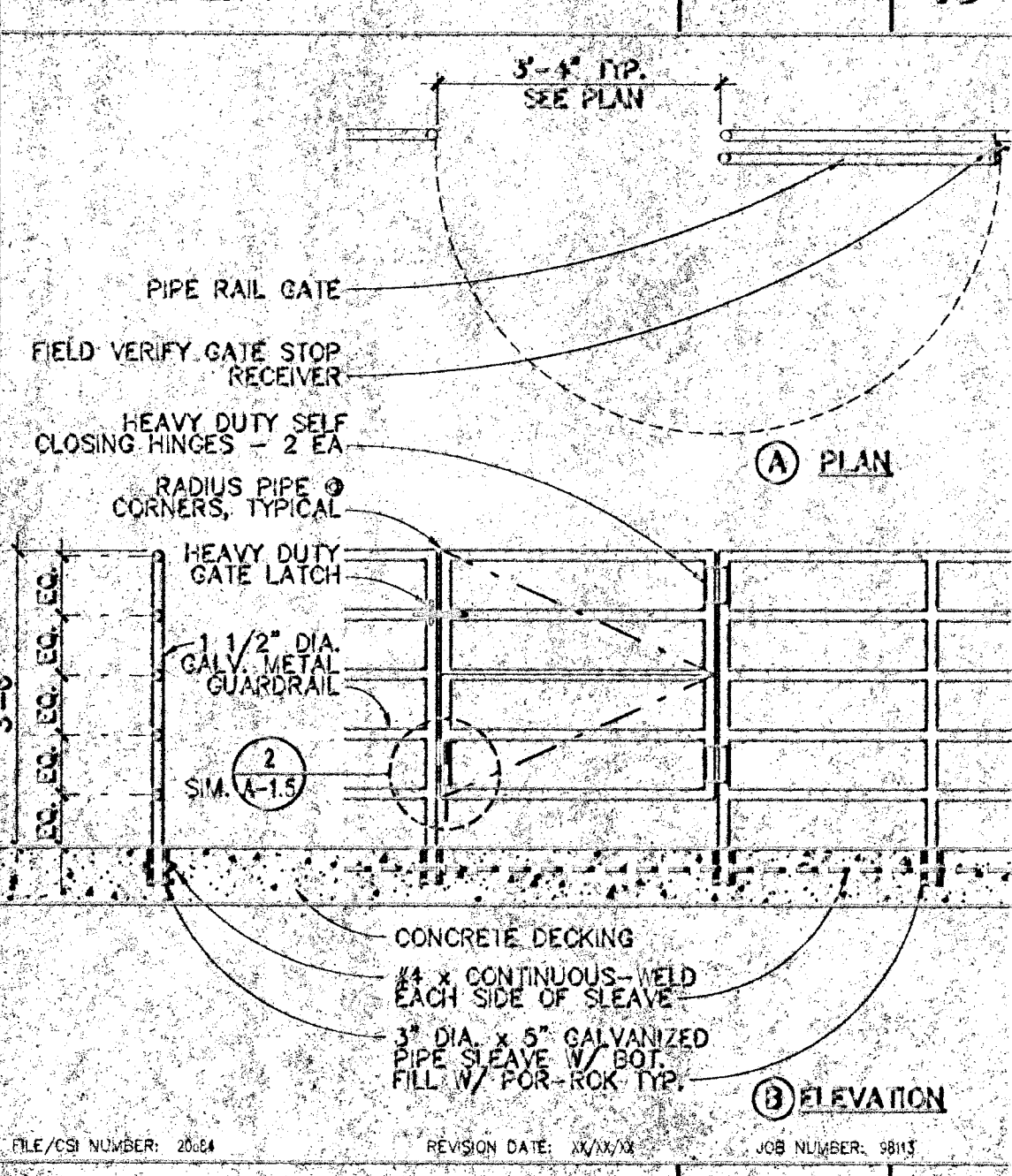
15 STAINLESS STEEL SMOKE STACK



11 SILL @ DOOR

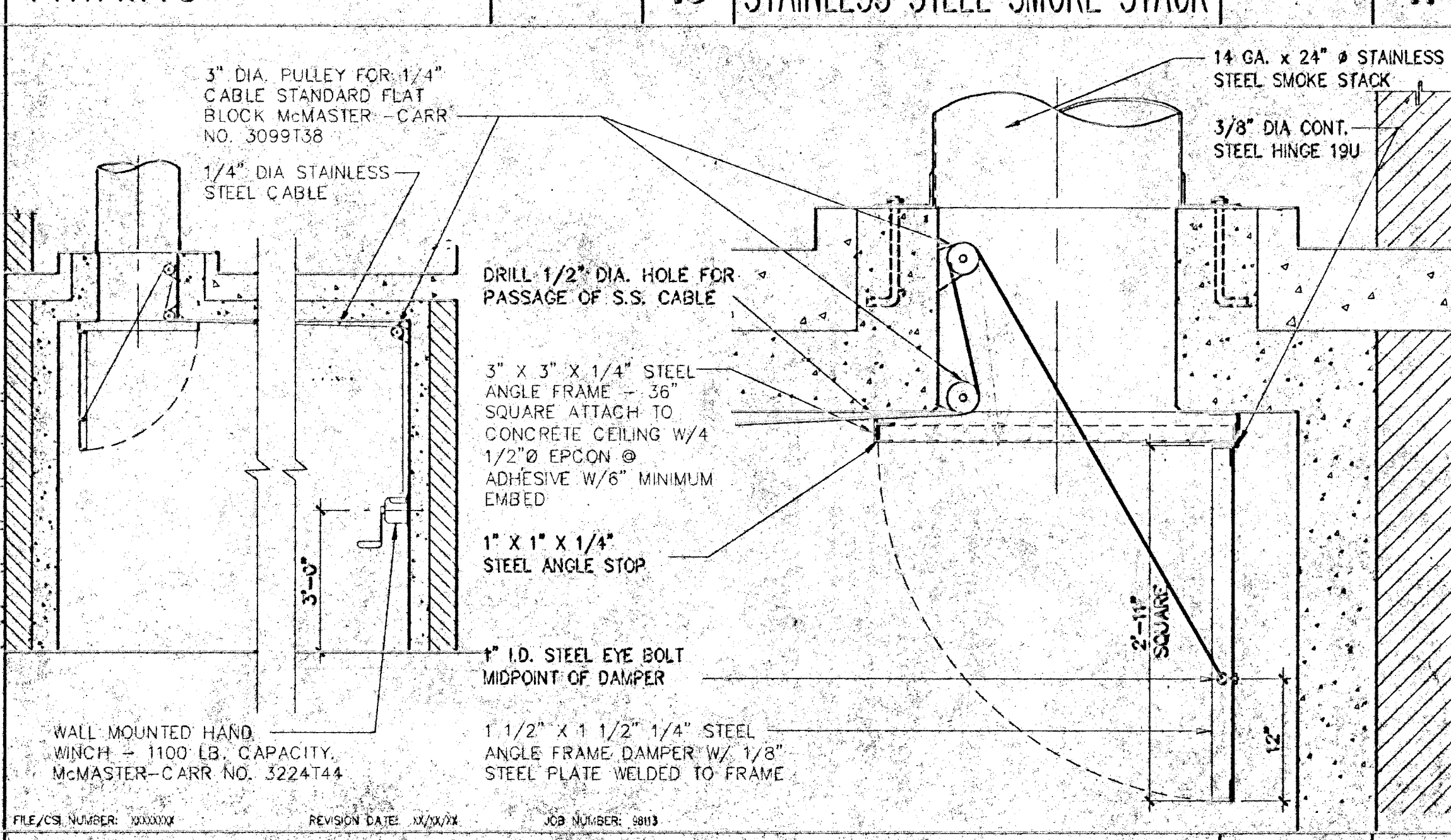


7 FLOOR TRACK/DRAIN @ CIR. POST

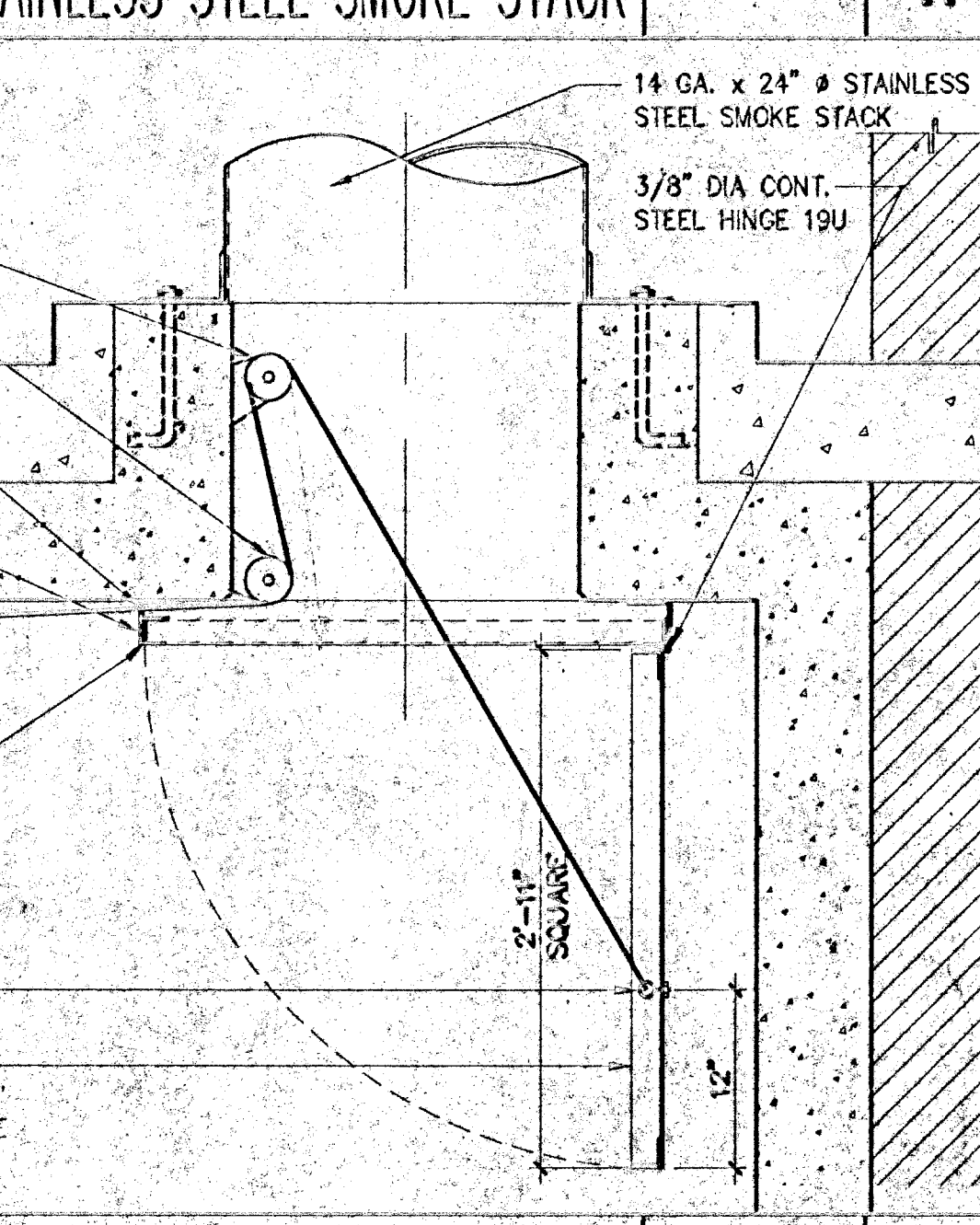


24 SELF-CLOSING GATE

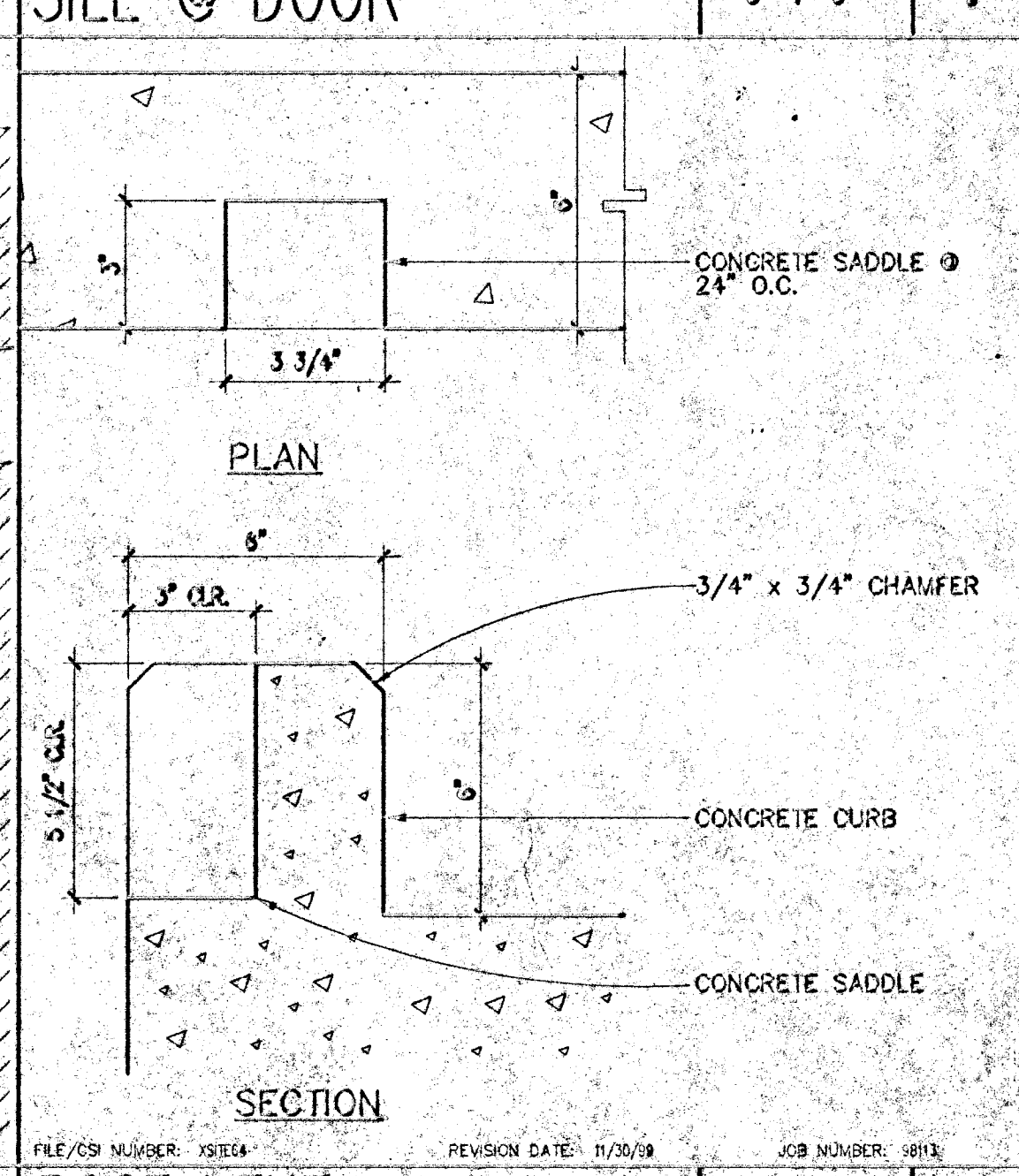
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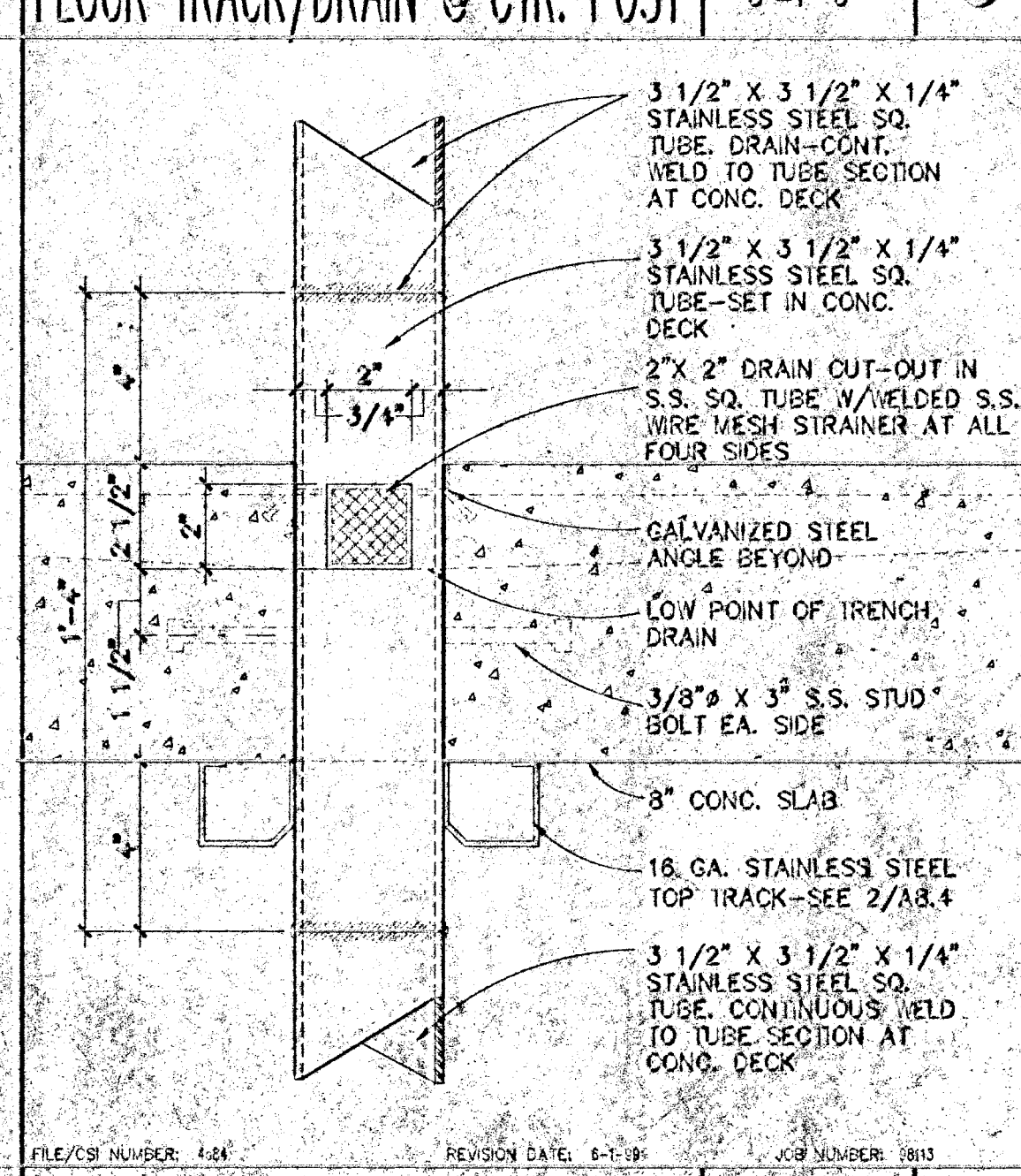
20 SMOKE STACK DAMPER



12 ROOF VENT PROP SADDLE



3 CENTER SUPPORT/DRAIN



4 CENTER SUPPORT/DRAIN

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San Marcos, Ca 92069

CONSULTANT

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CALIFORNIA LABOR CODE SECTION 1770
AT 204 IS NOT REQUIRED FOR THIS
PROJECT.

APPROVED
[Signature]
DATE: 1/19/00
BY: [Signature]
REMARKS:

NO DATE BY REMARKS

DETAILS
DRAWN: [Signature]
CHECKED: [Signature]
DATE: JAN, 2000
SCALE: AS NOTED
JOB NO. 18178

A-3.4



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City of San Marcos
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Santar Place 92069
San Marcos, Ca

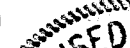
CONSULTANT

R. M. BYRD AND ASSOCIATES, INC.
Consulting Structural Engineers
537 N. EUCLID AVE.
ONTARIO, CA 91762
(909) 393-5529 FAX (909) 393-4458
JCB NO. 10-47

NOTICE IS HEREBY GIVEN that, pursuant to the San Marcos City Charter and the San Marcos Municipal Code, payment of prevailing wages and compliance with the California Labor Code Sections 1770 et. seq. is not required for this project.

APPROVED

APPROVED

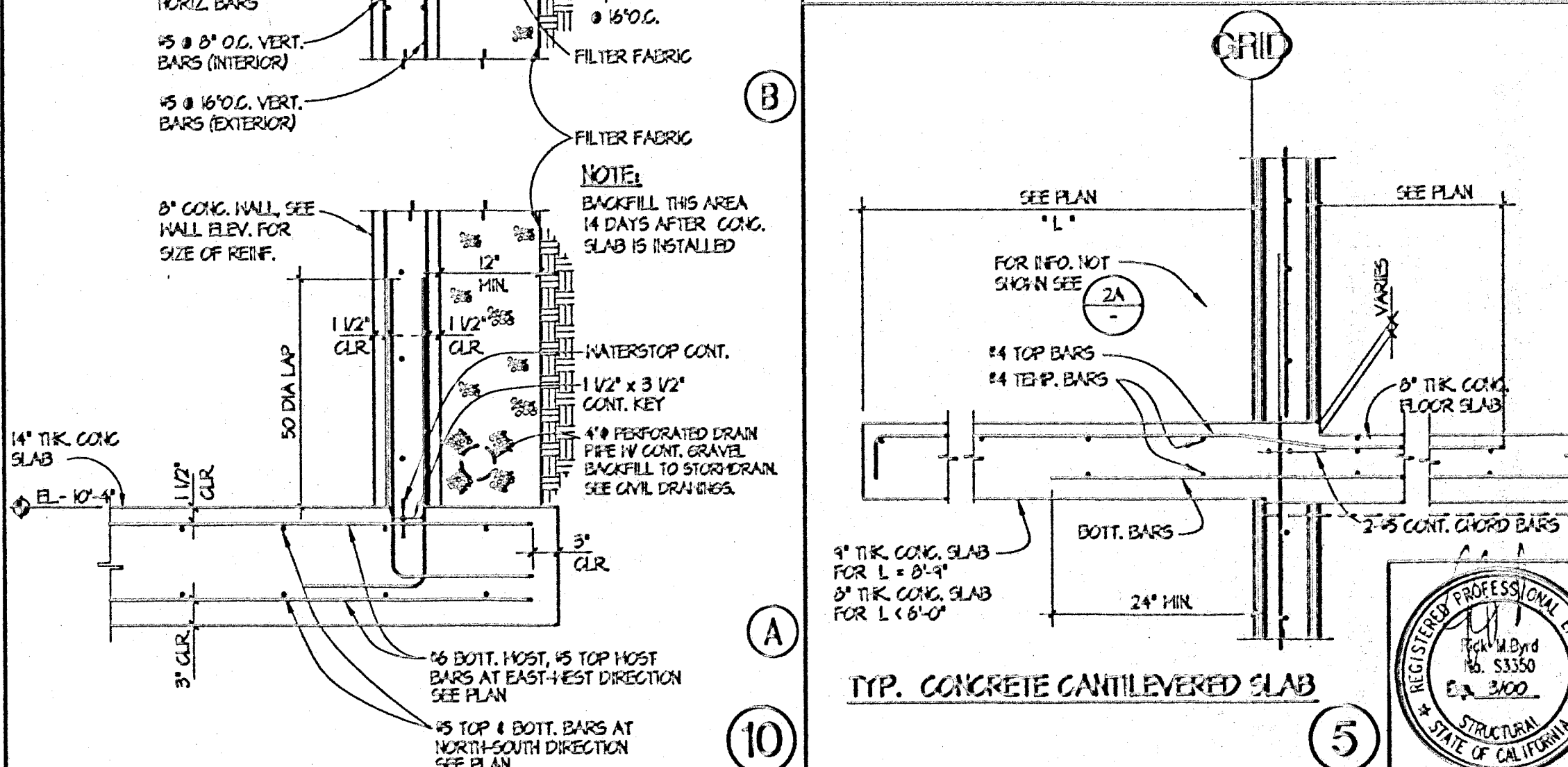
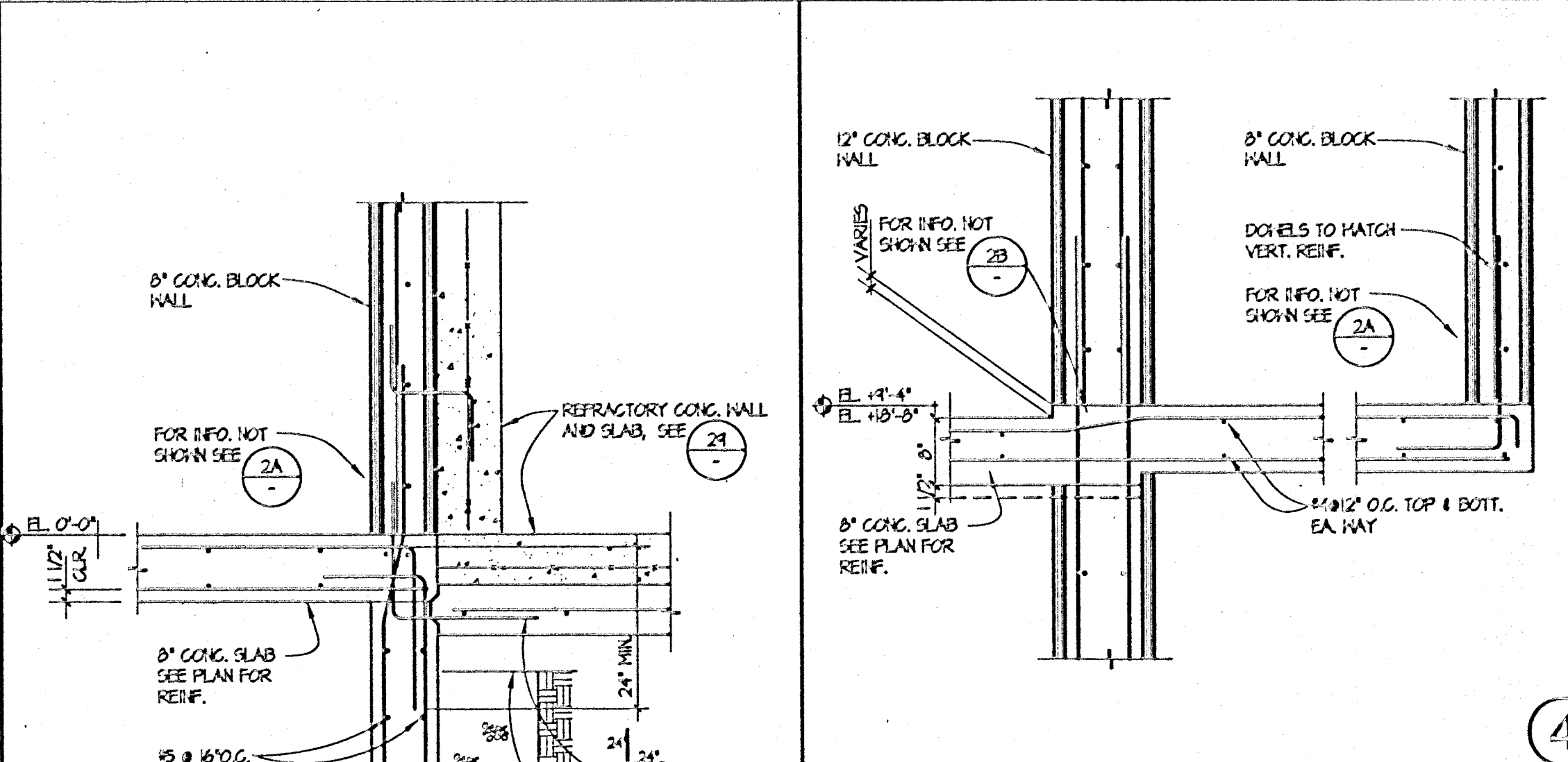
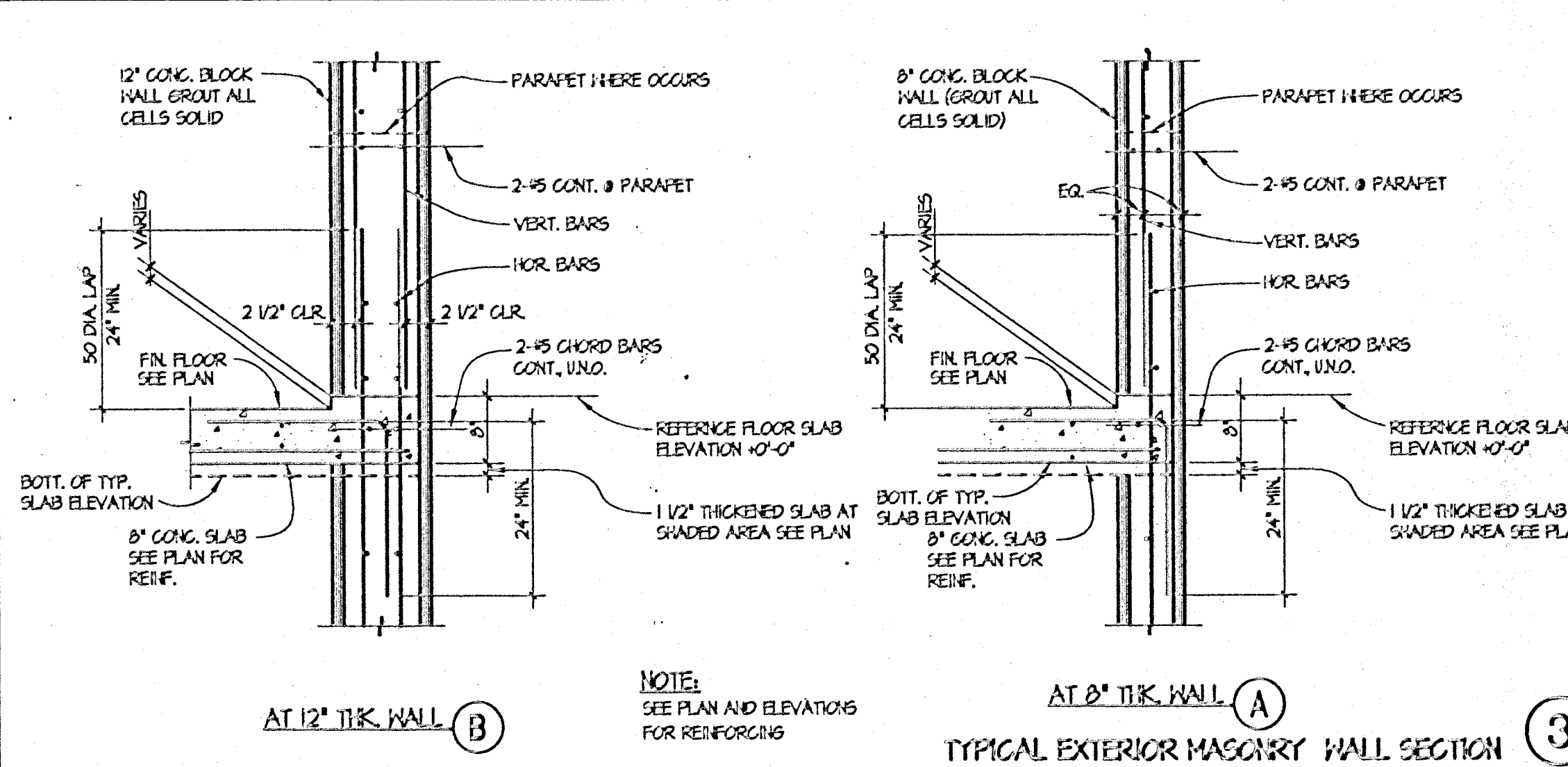
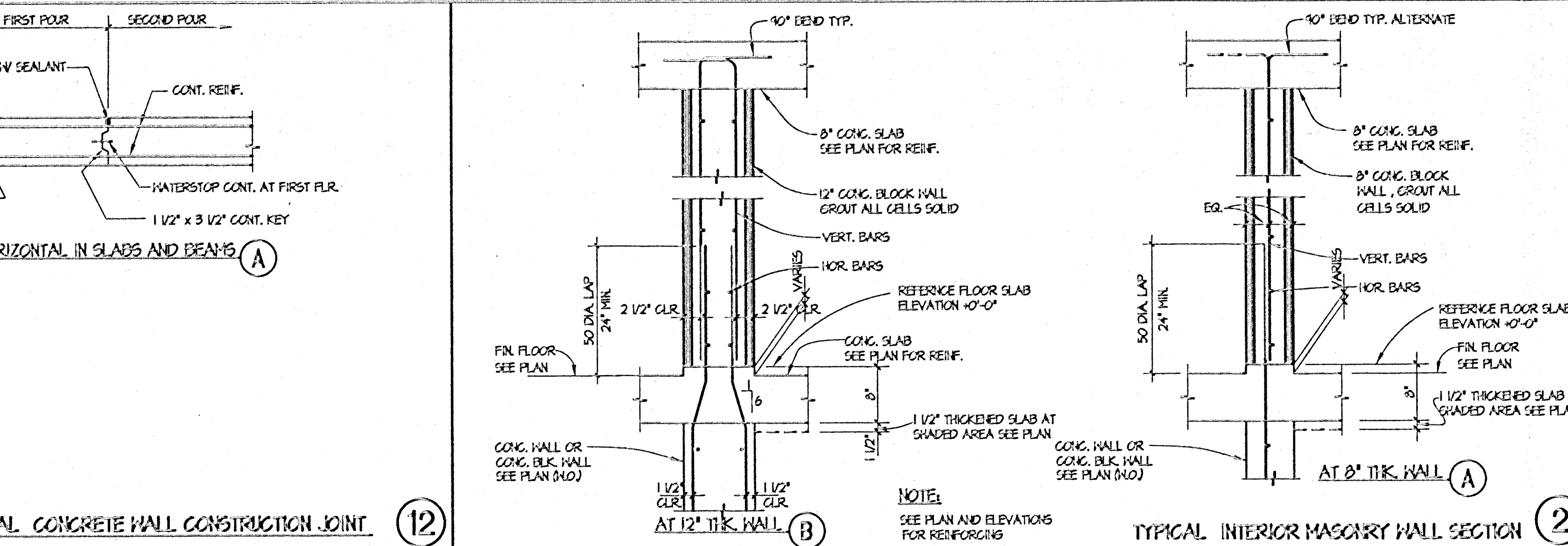
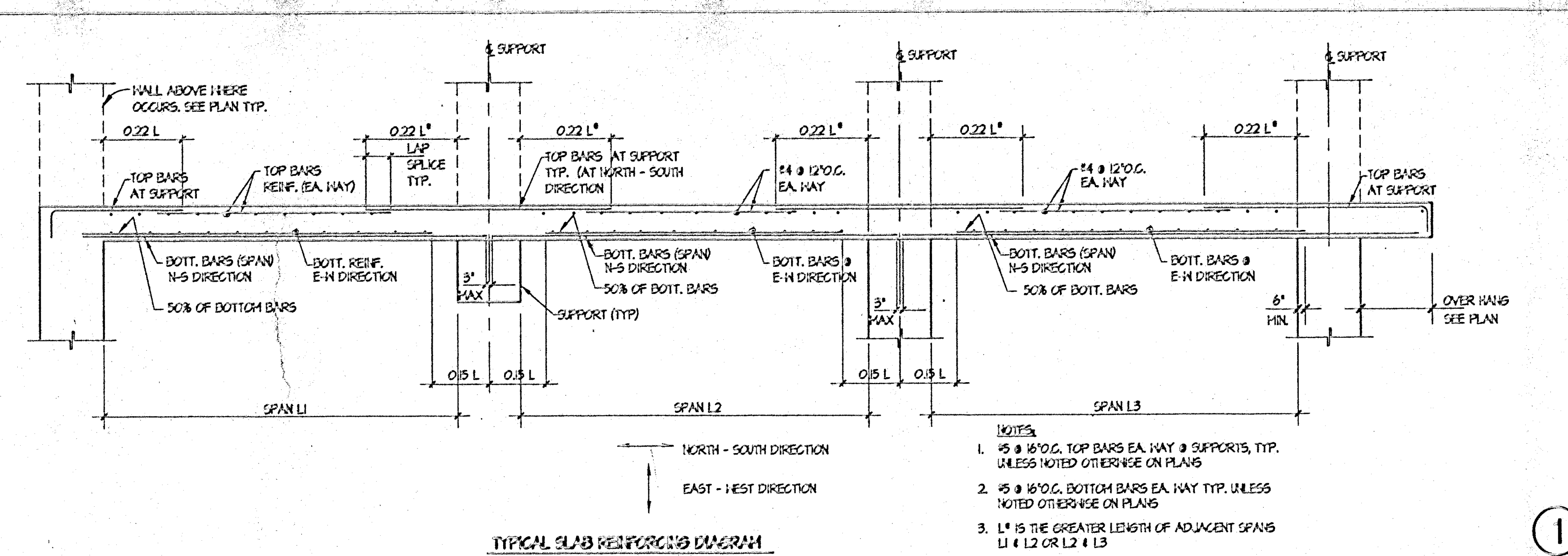


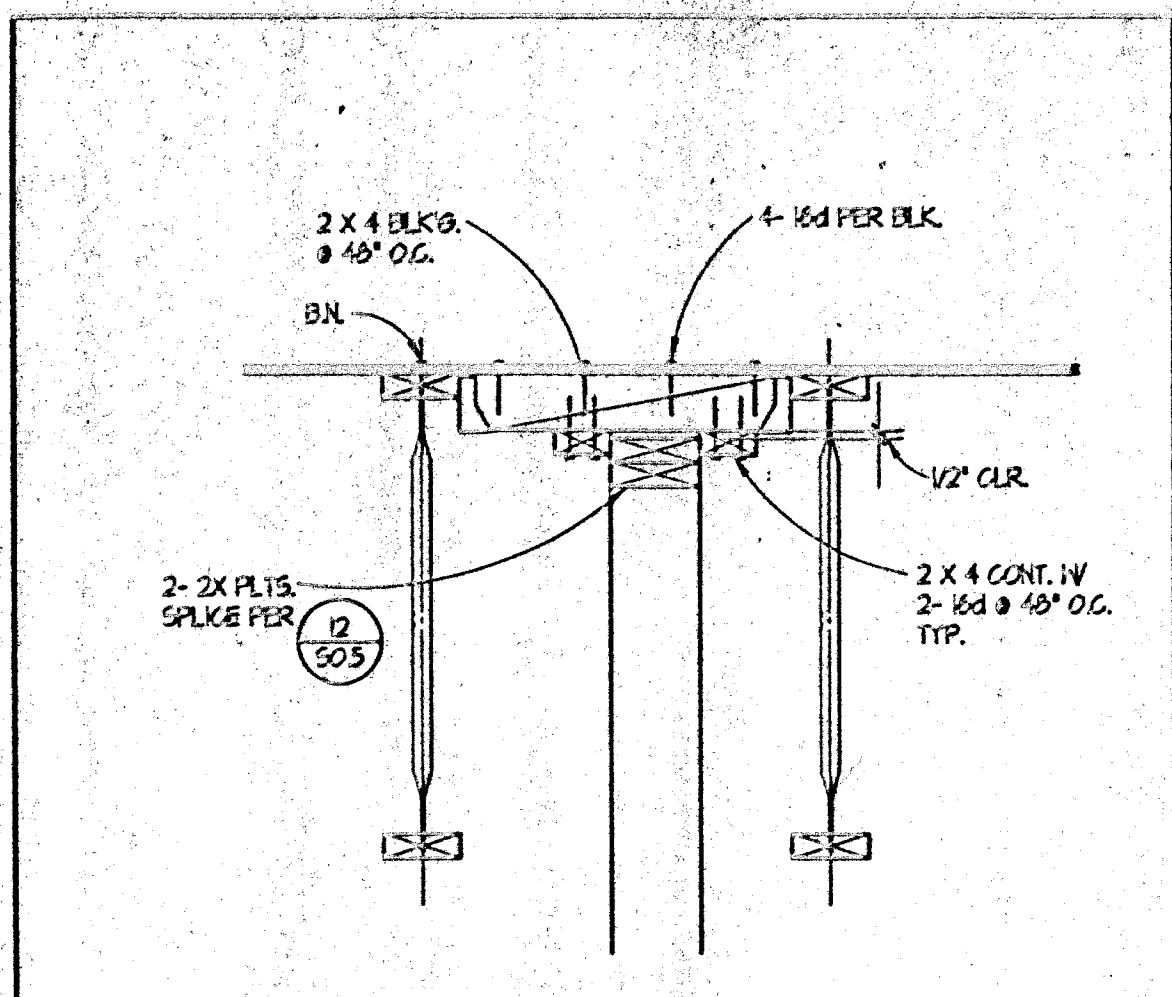
LARRY-WOLFF
C-9724
12/31/00
STATE OF CALIFORNIA

NO	DATE	BY	REMARKS

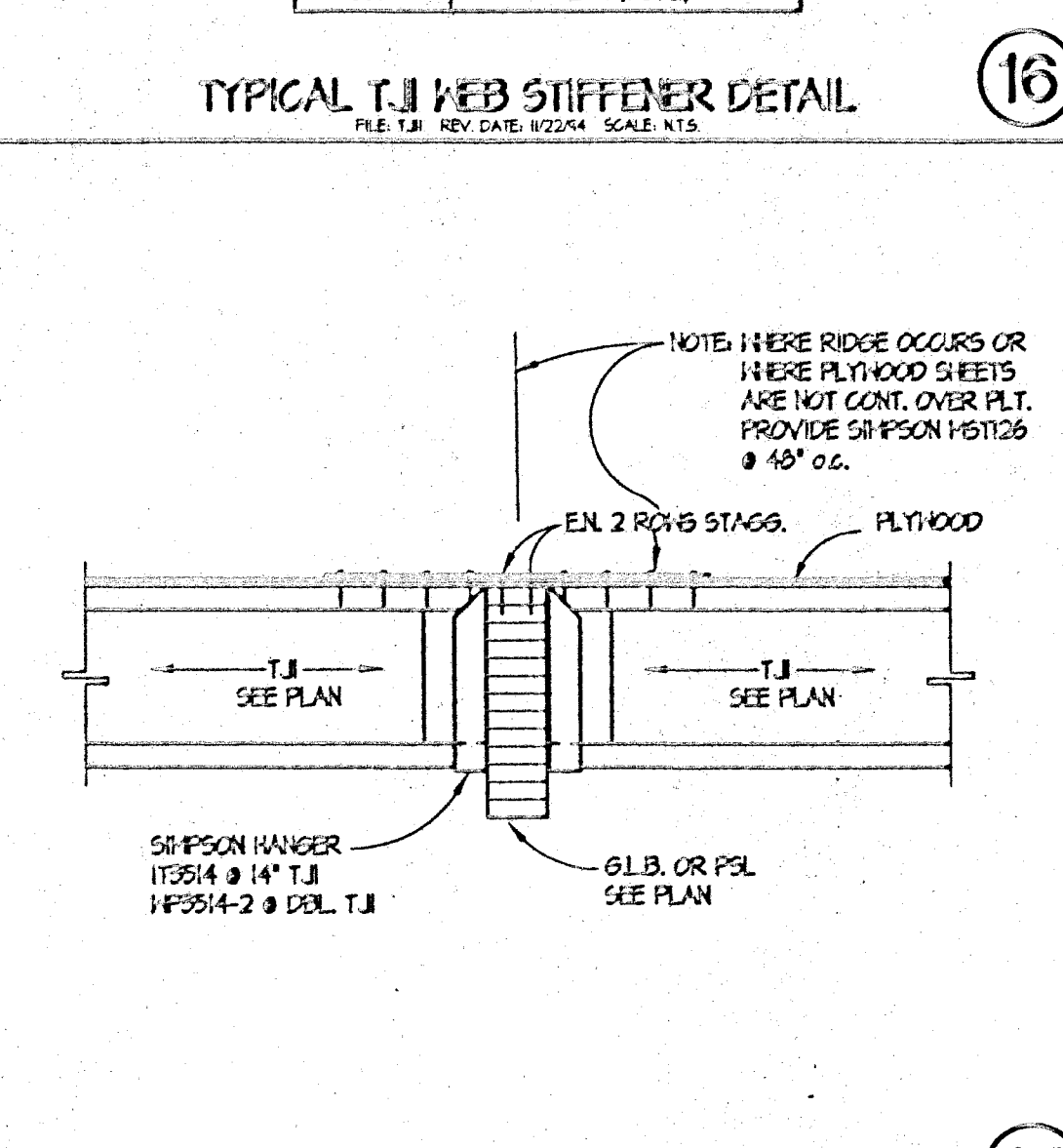
SECTIONS AND DETAILS

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CHECKED R.B.	
DATE JANUARY 2000	
SCALE AS NOTED	
JOB NO. 1: 3043	

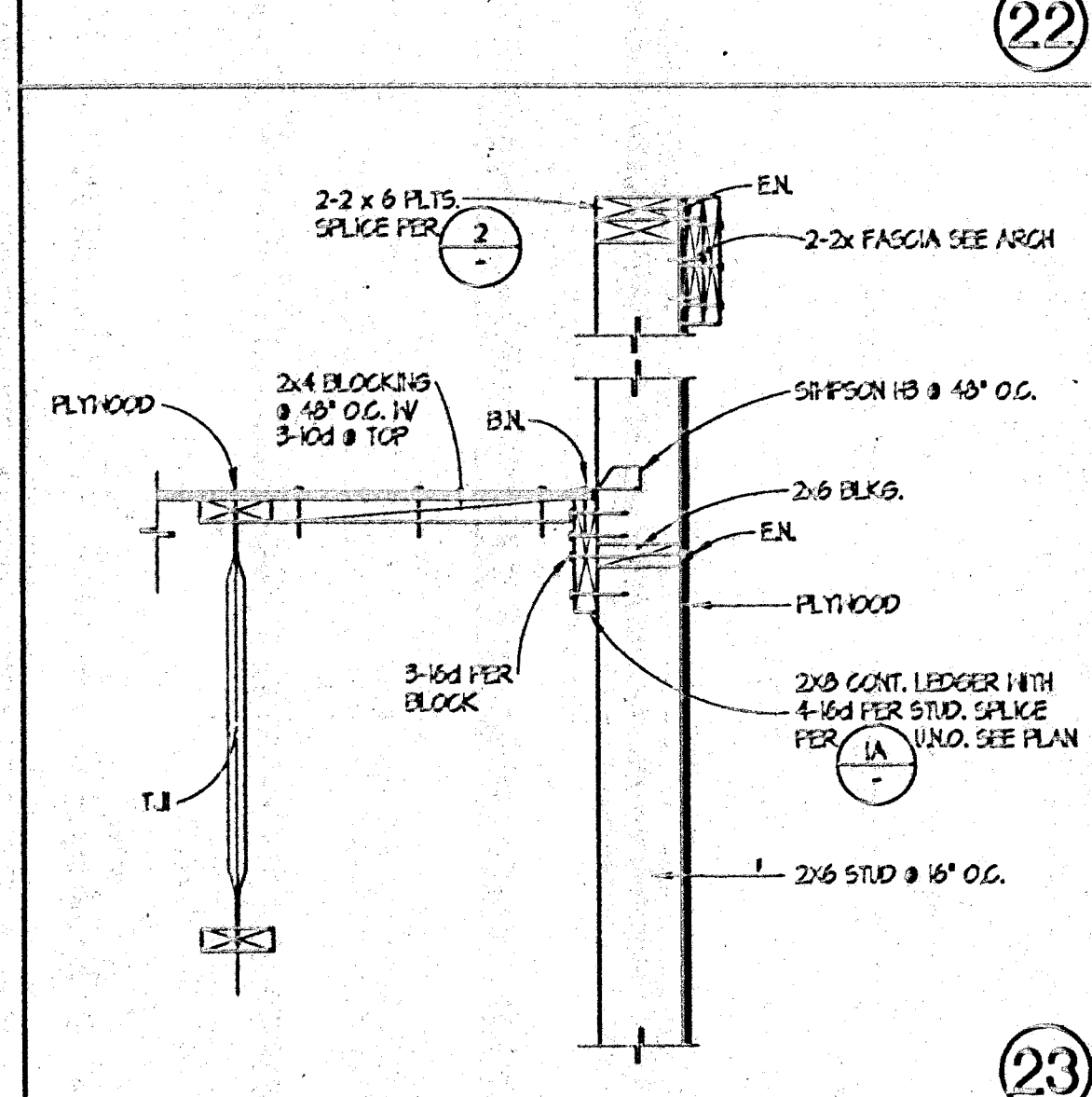




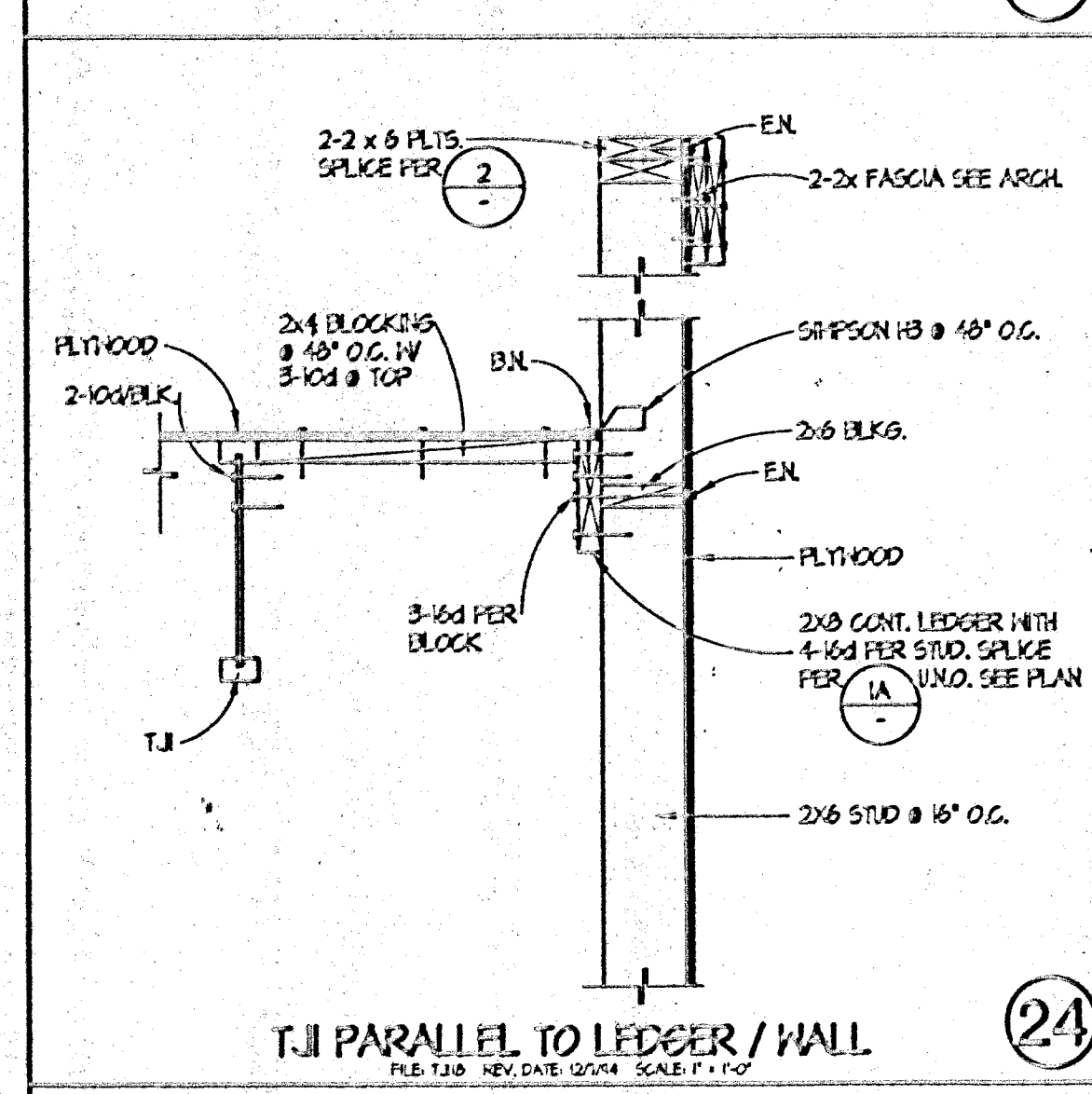
21. TYPICAL T.J. WEB STIFFENER DETAIL



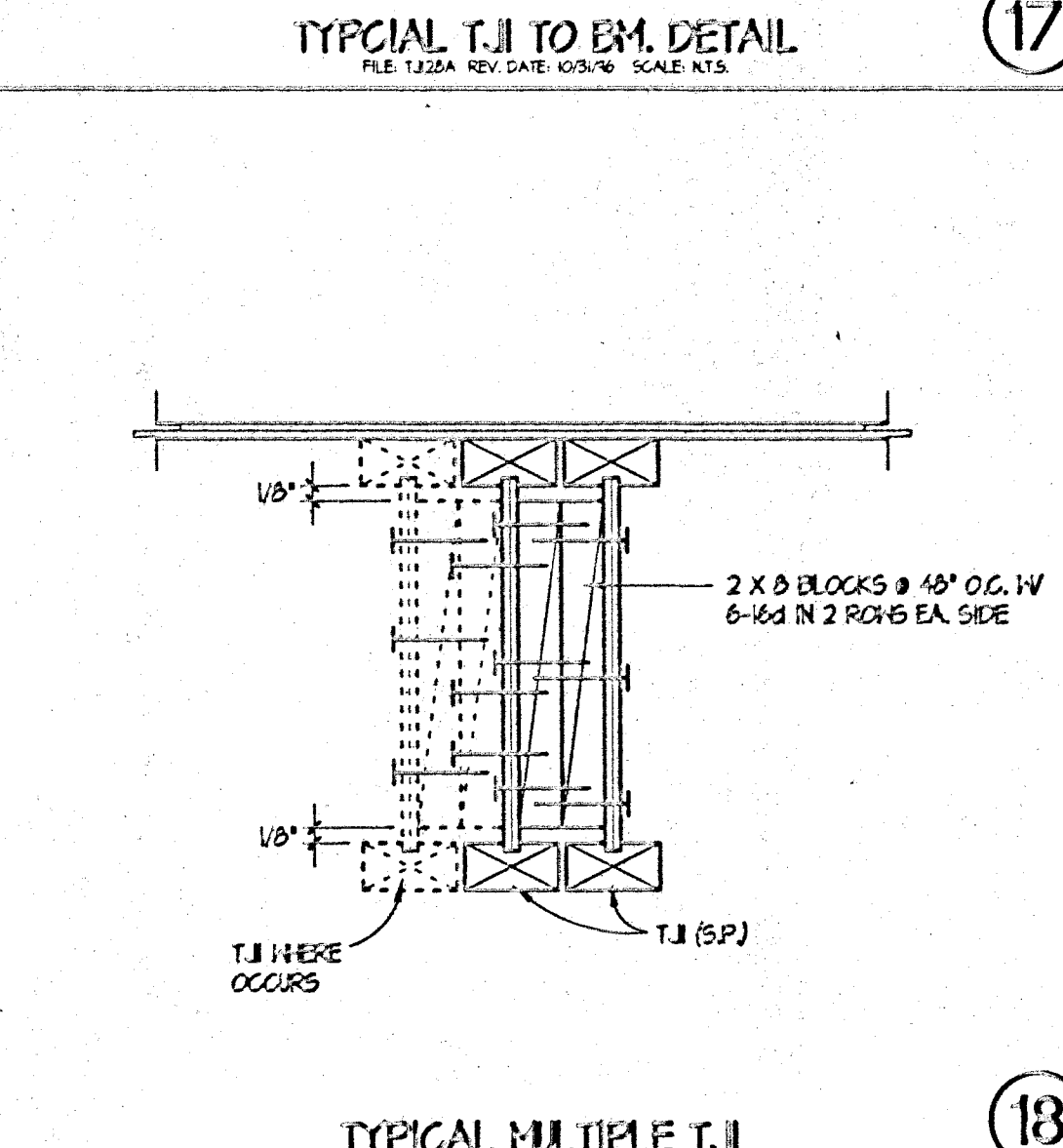
17. TYPICAL T.J. TO BM DETAIL



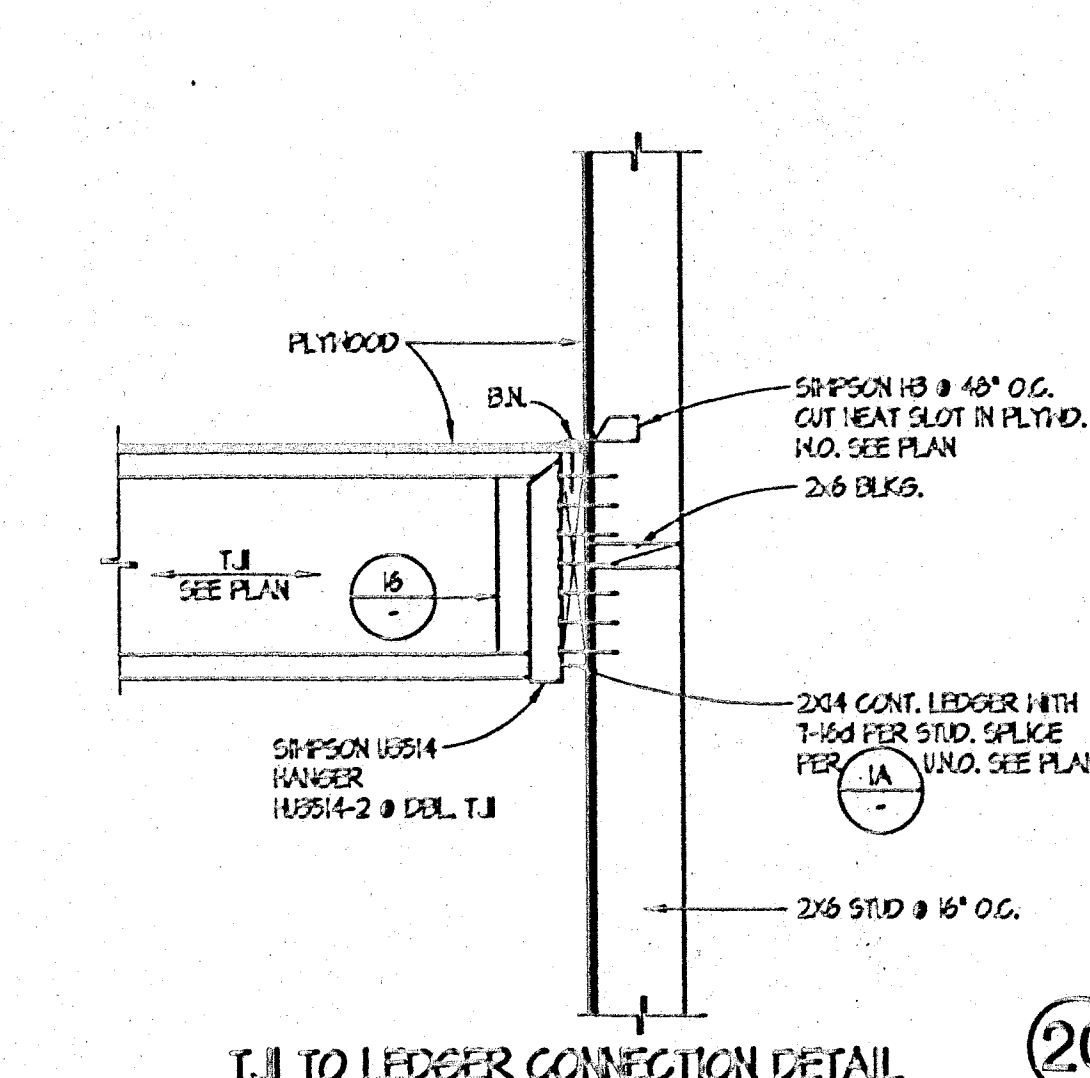
24. T.J. PARALLEL TO LEDGER / WALL



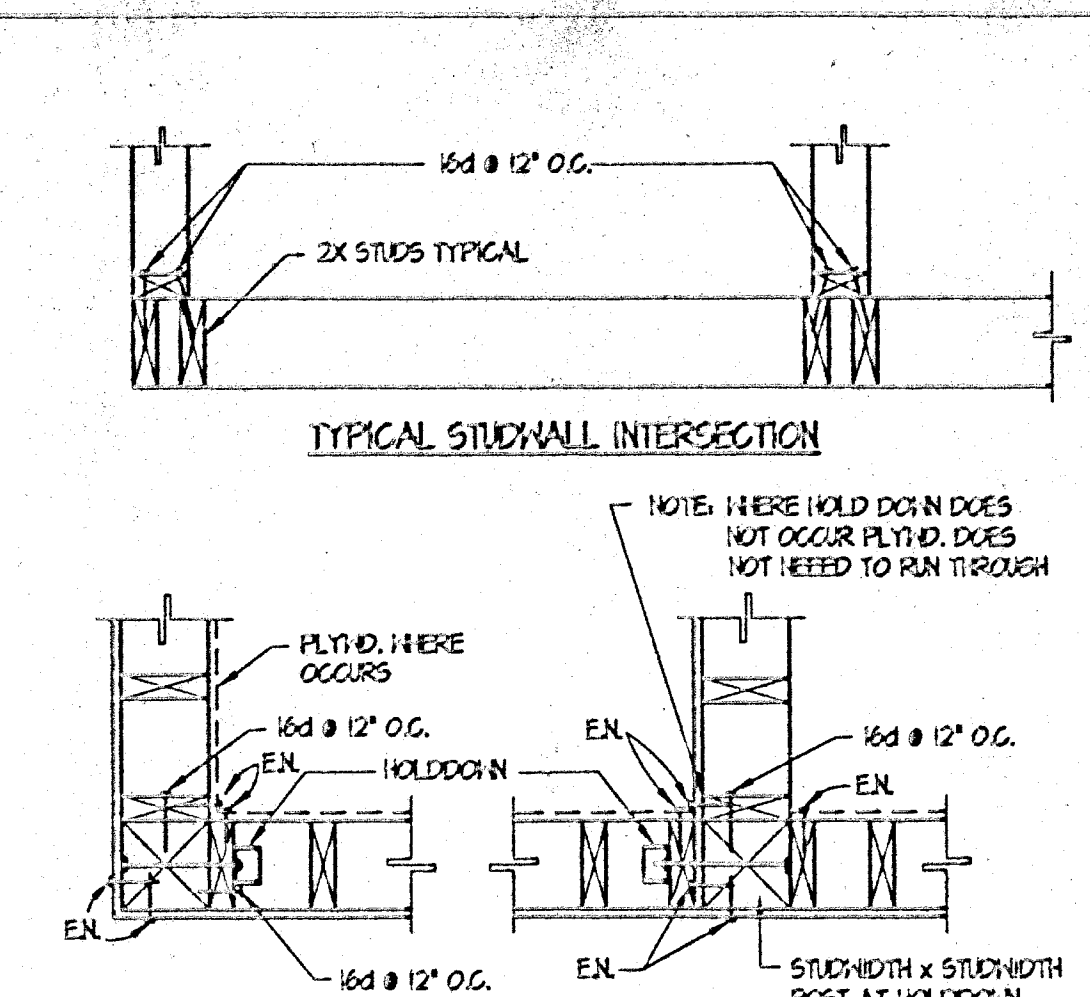
25. T.J. PARALLEL TO LEDGER / WALL



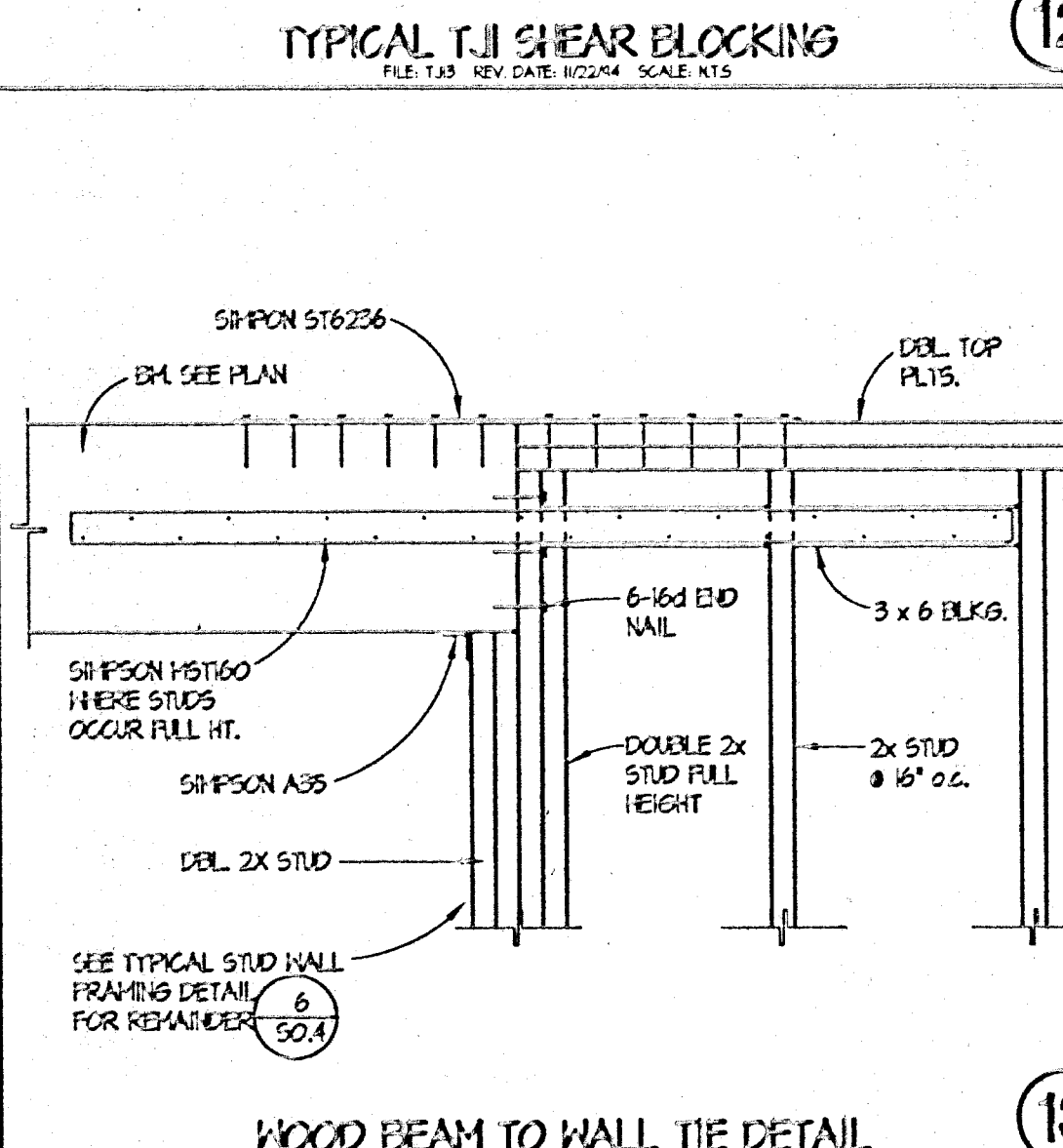
19. T.J. TO LEDGER CONNECTION DETAIL



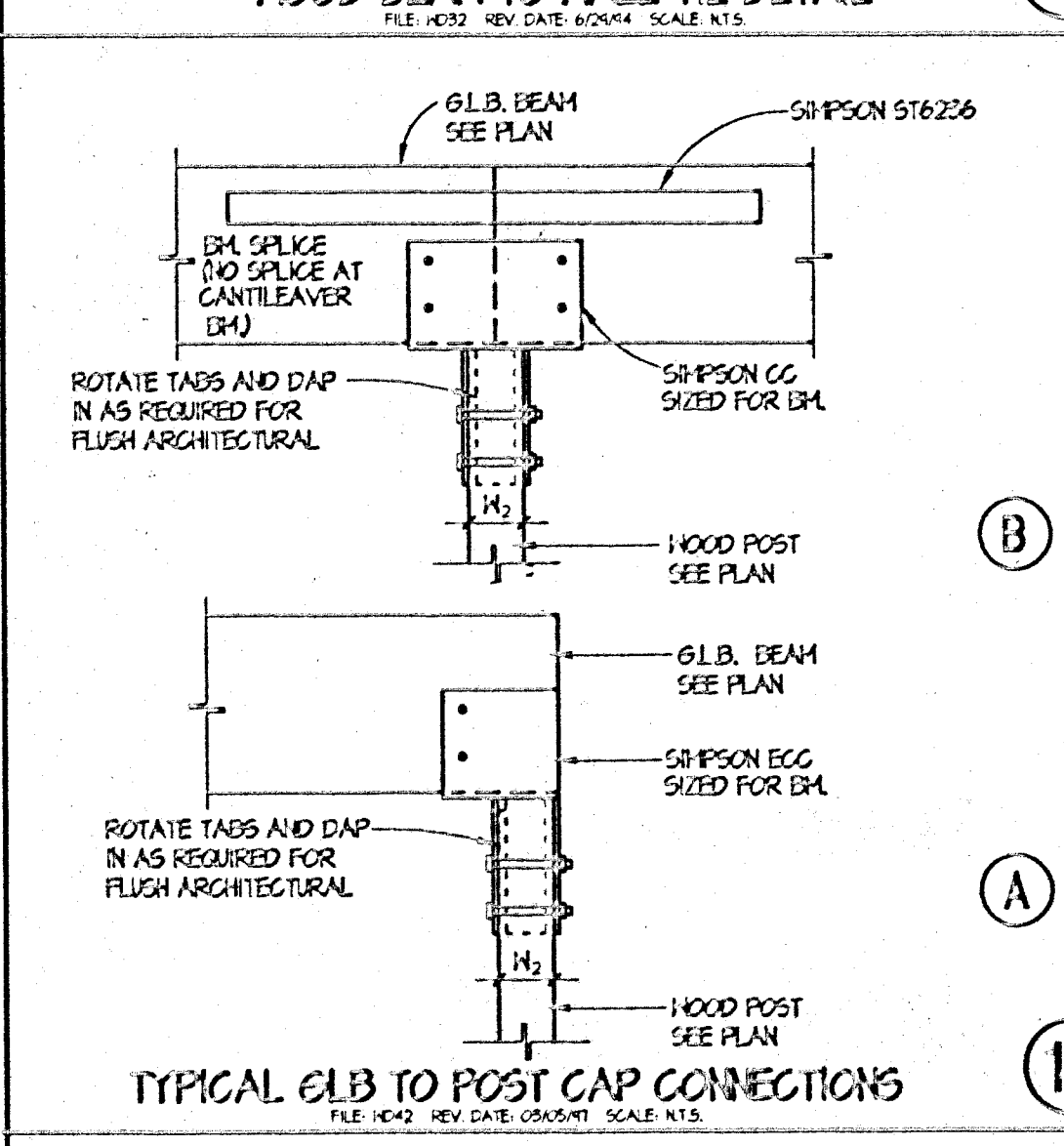
20. T.J. TO LEDGER CONNECTION DETAIL



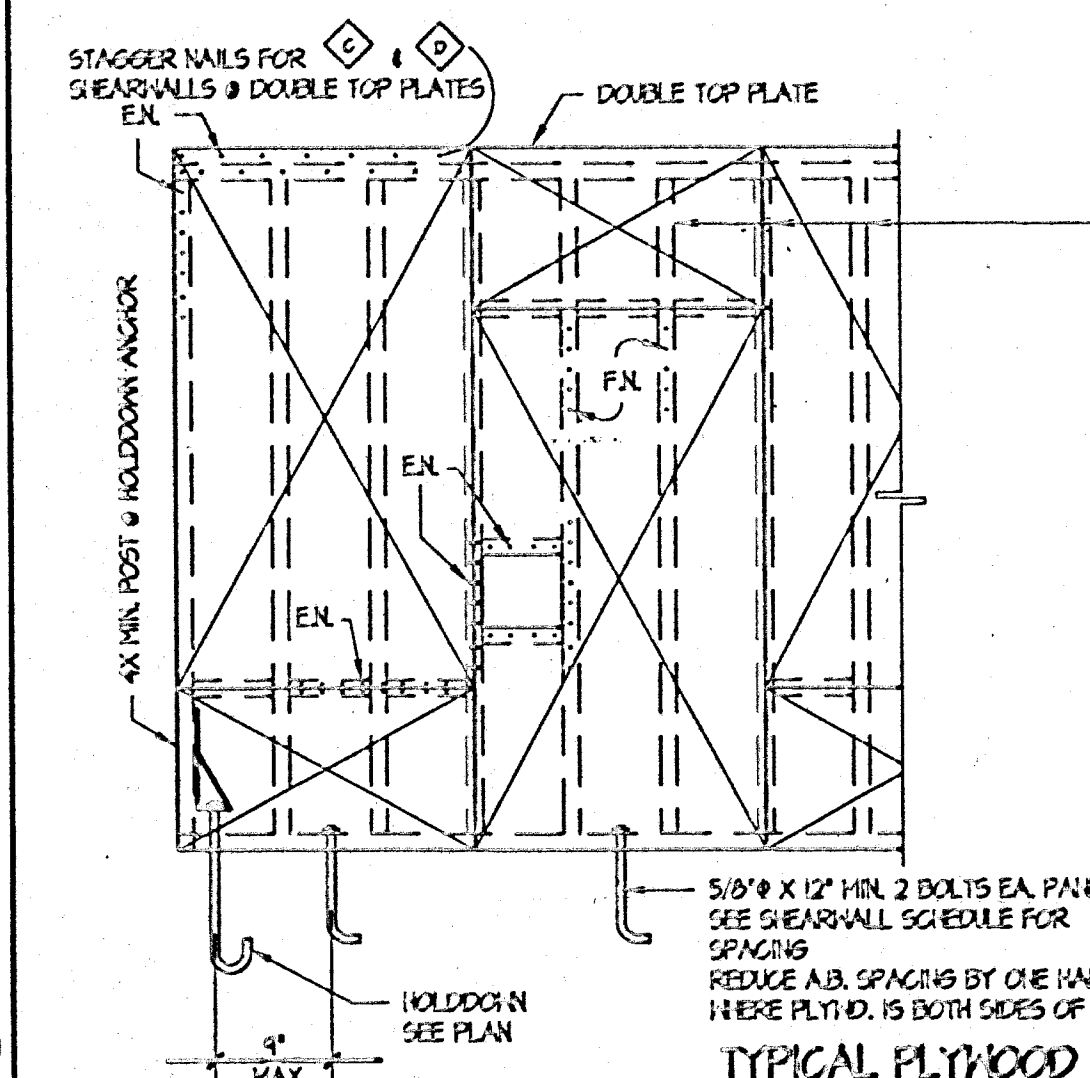
11. TYPICAL SHEARWALL INTERSECTIONS



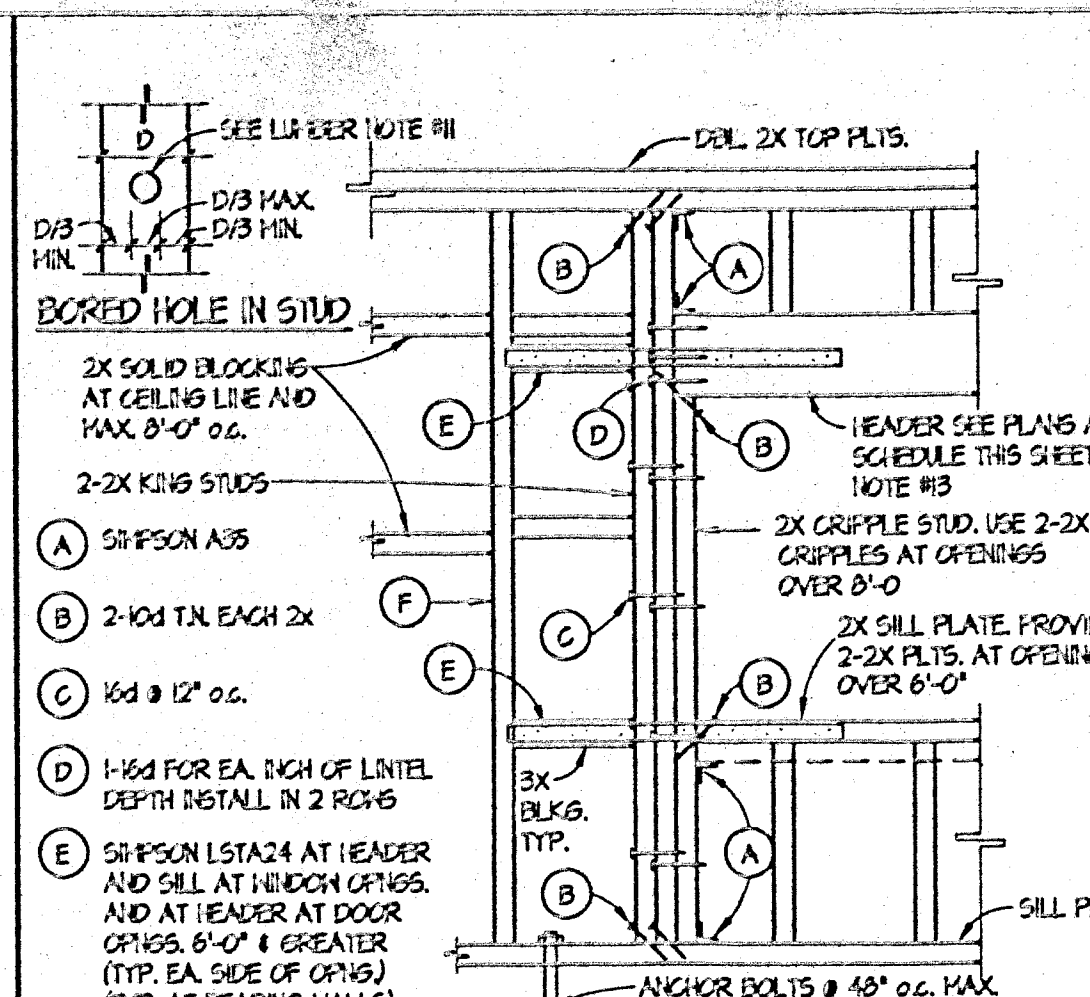
12. TYPICAL T.J. SHEAR BLOCKING



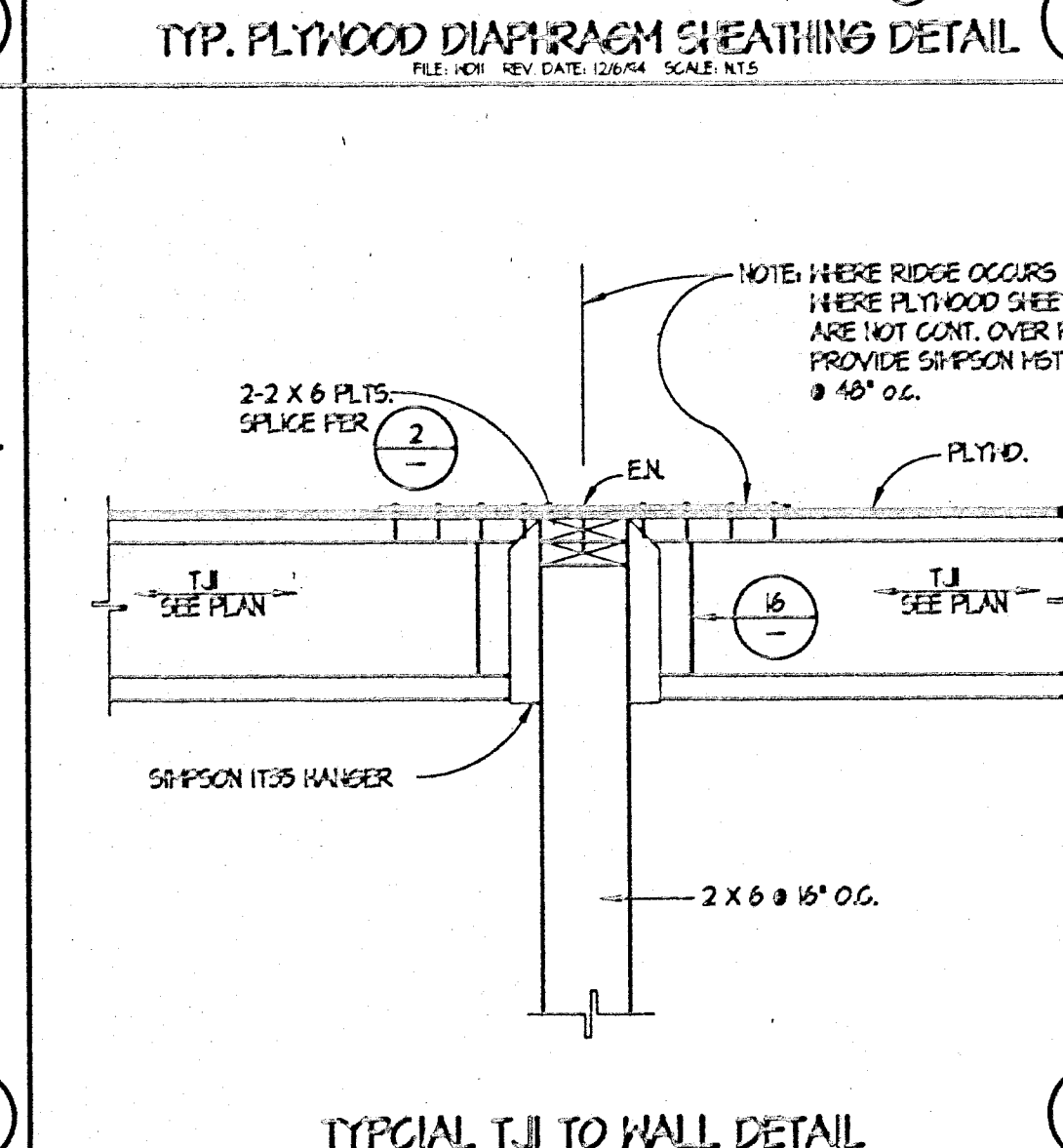
13. WOOD BEAM TO WALL TIE DETAIL



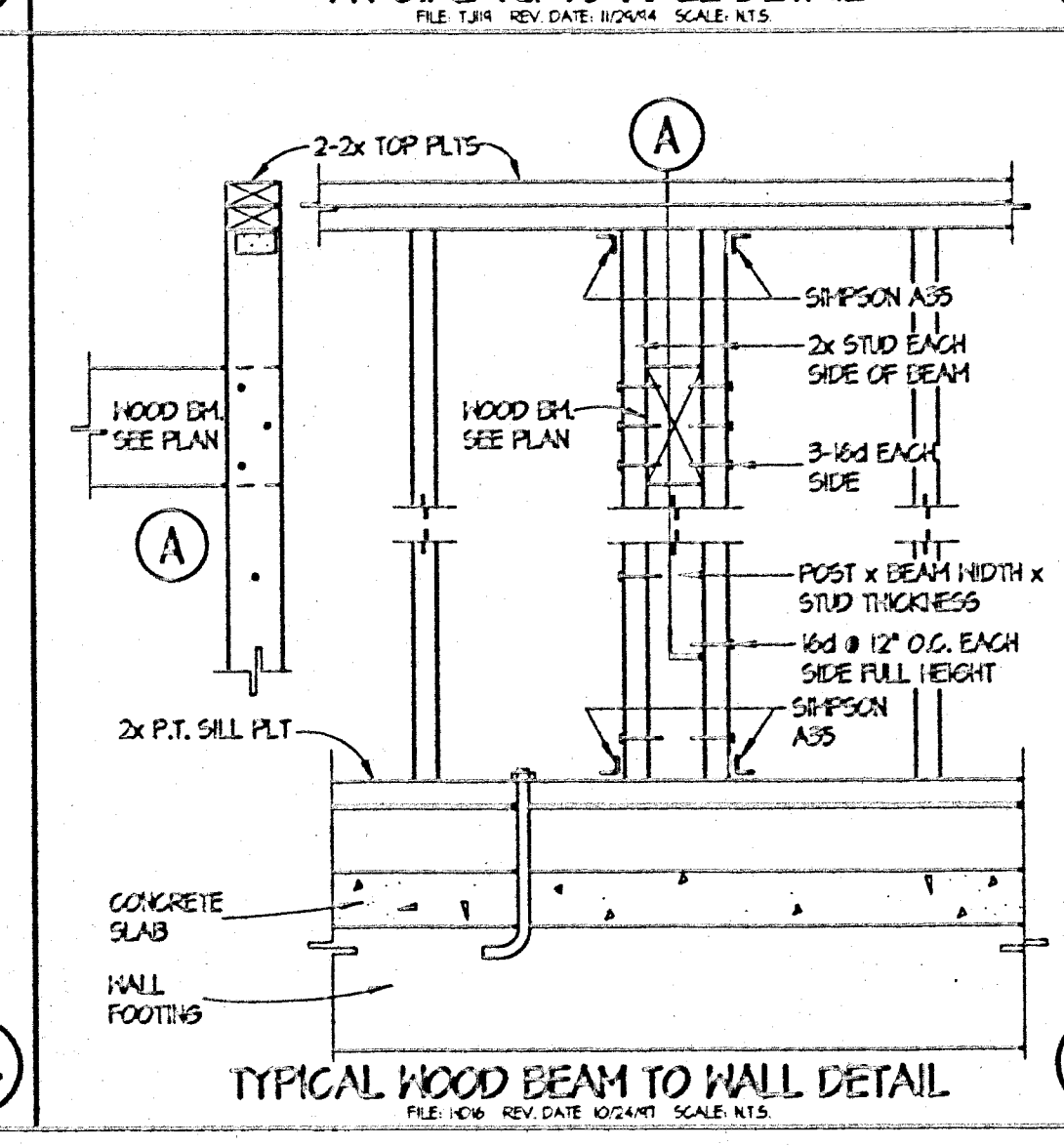
10. TYPICAL PLYWOOD SHEARWALL DETAIL



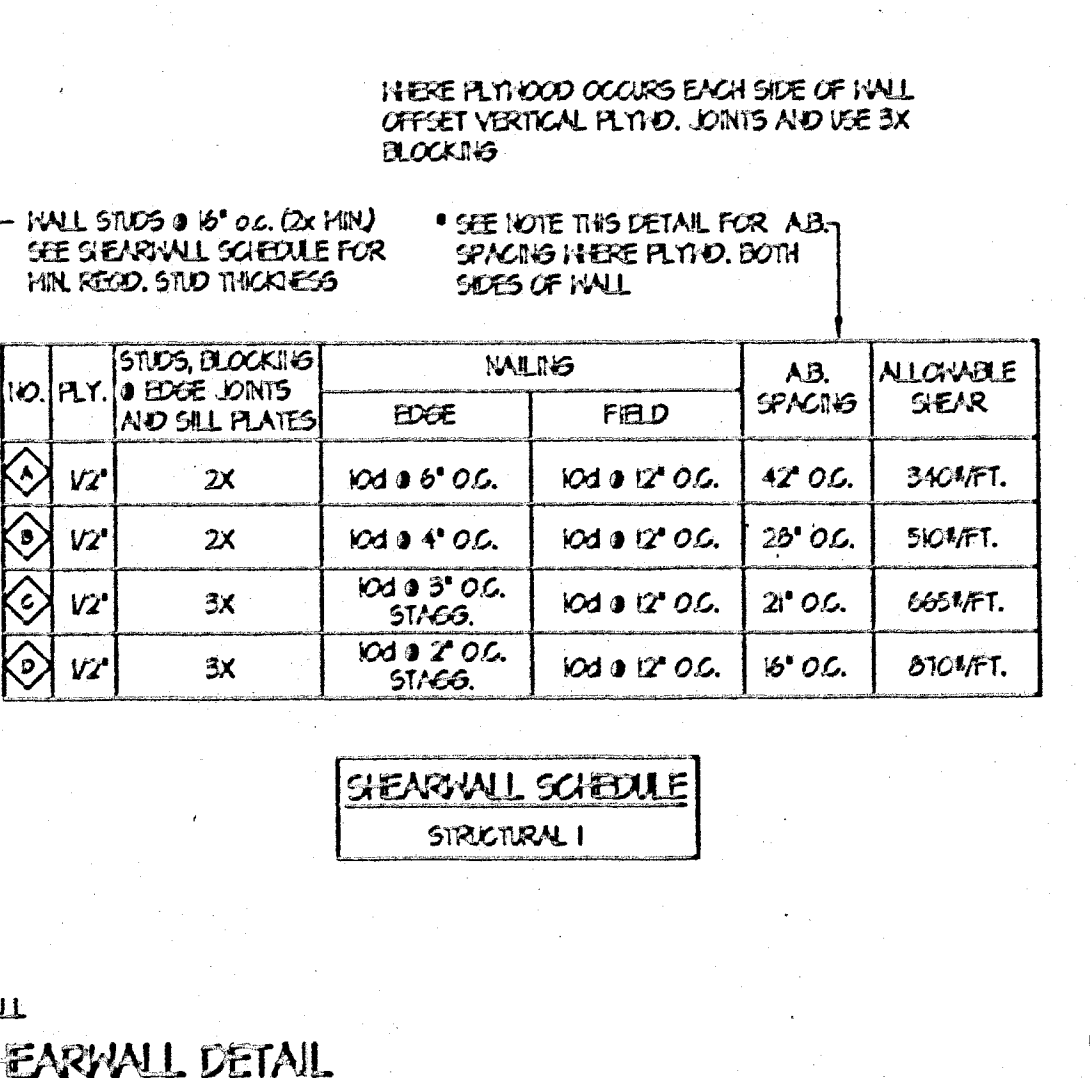
6. TYPICAL STUD WALL FRAMING DETAIL



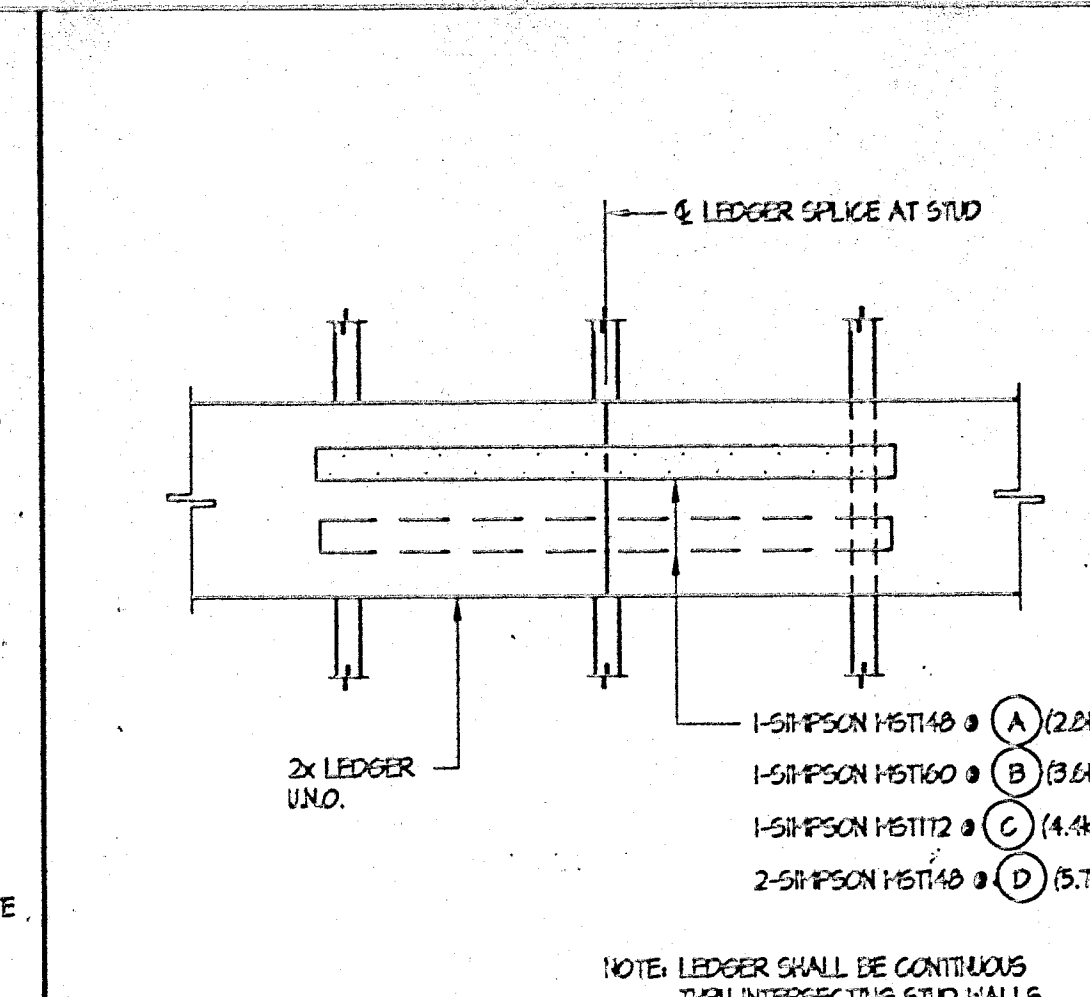
7. TYP. PLYWOOD DIAPHRAGM SHEATHING DETAIL



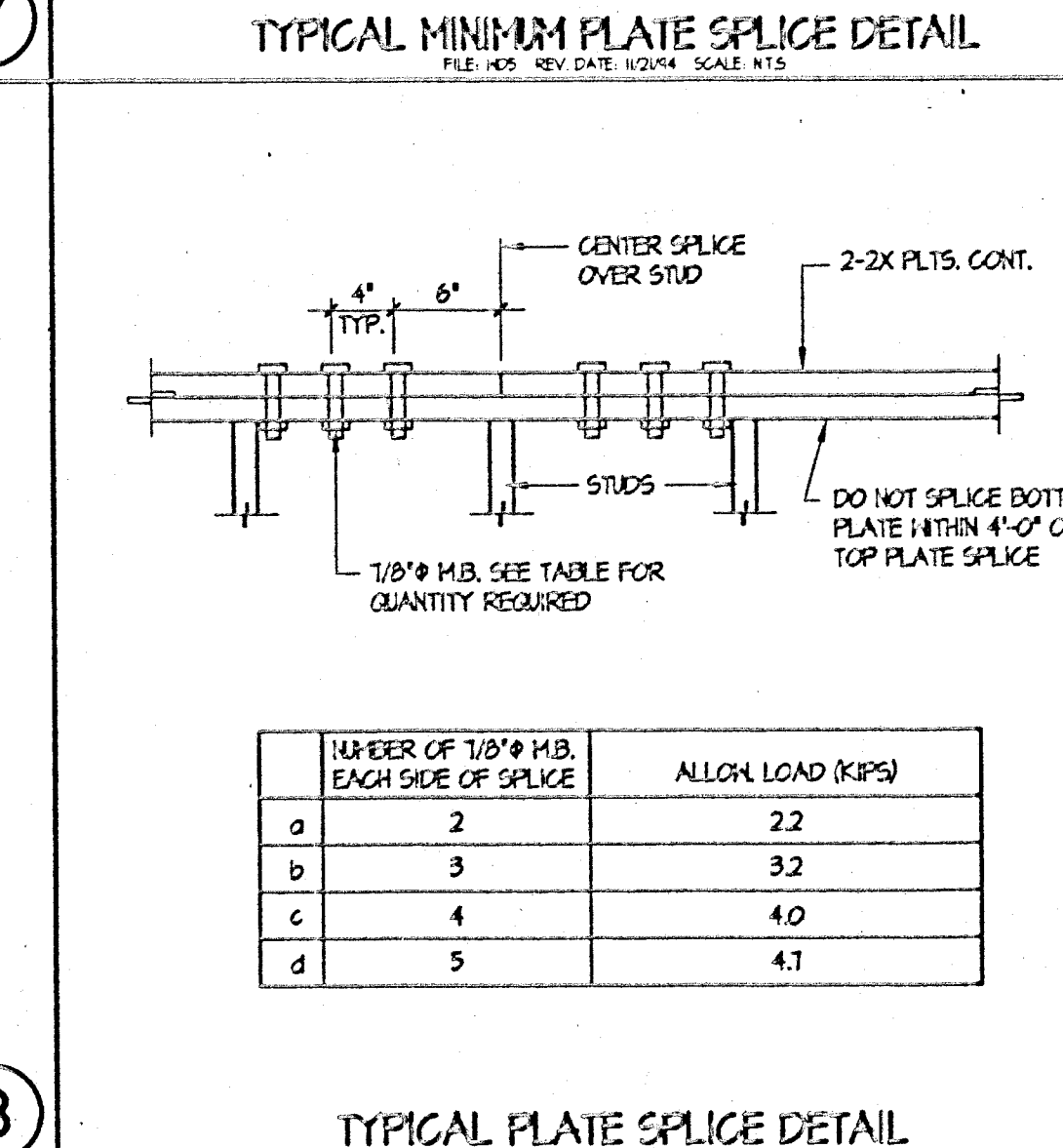
8. TYPICAL T.J. TO WALL DETAIL



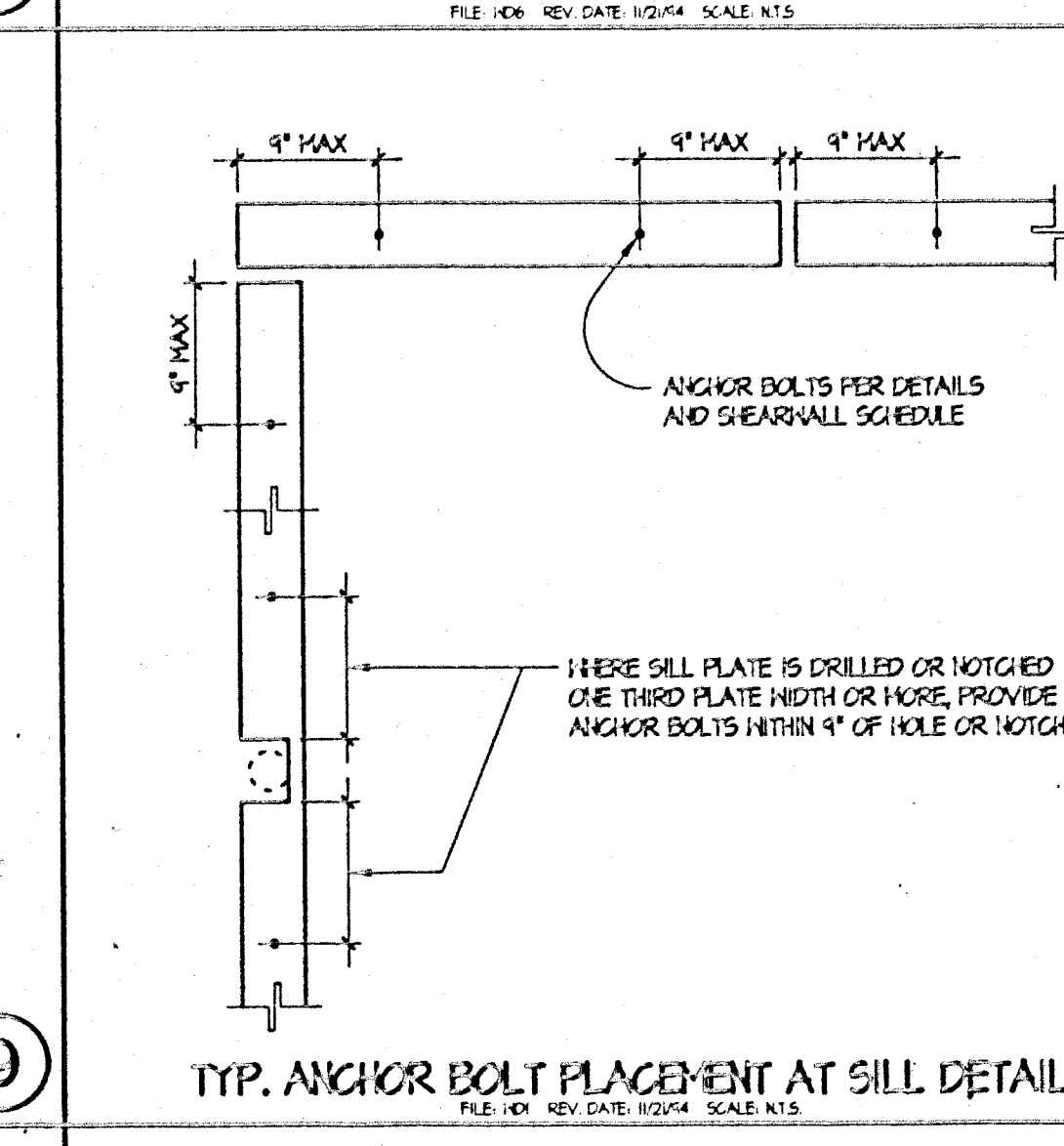
9. TYPICAL WOOD BEAM TO WALL DETAIL



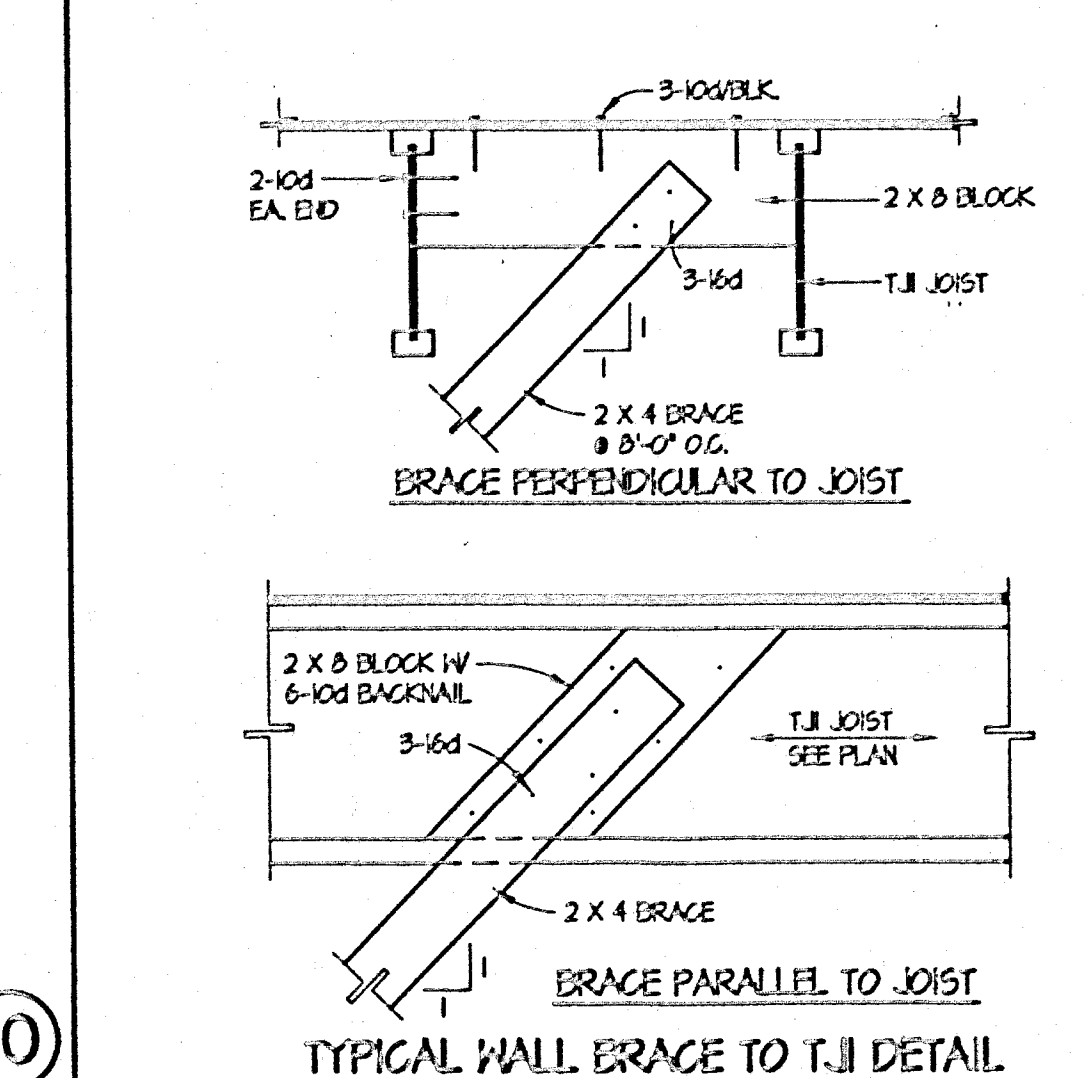
1. TYPICAL LEDGER SPLICE DETAIL



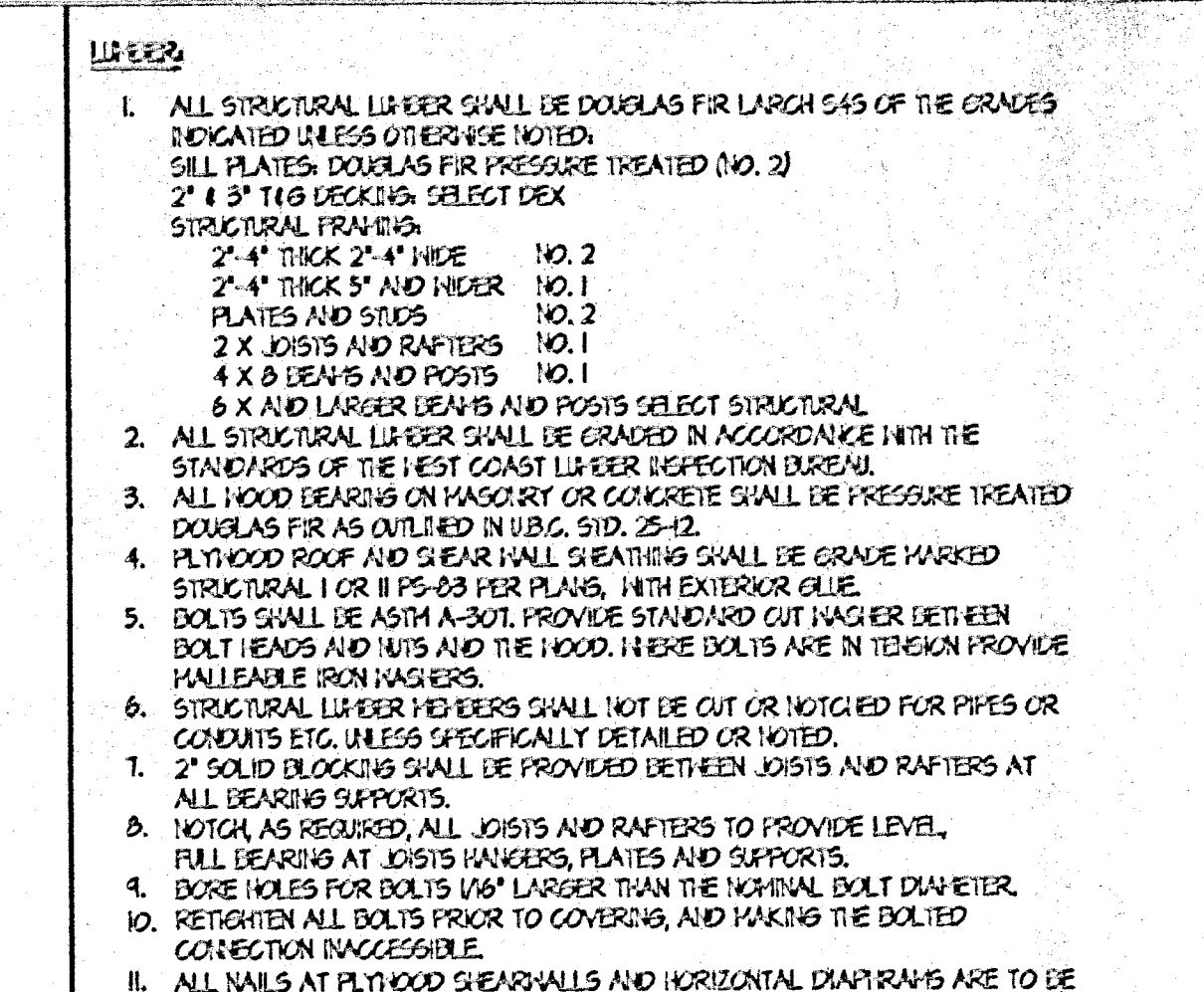
2. TYPICAL MINIMUM PLATE SPLICE DETAIL



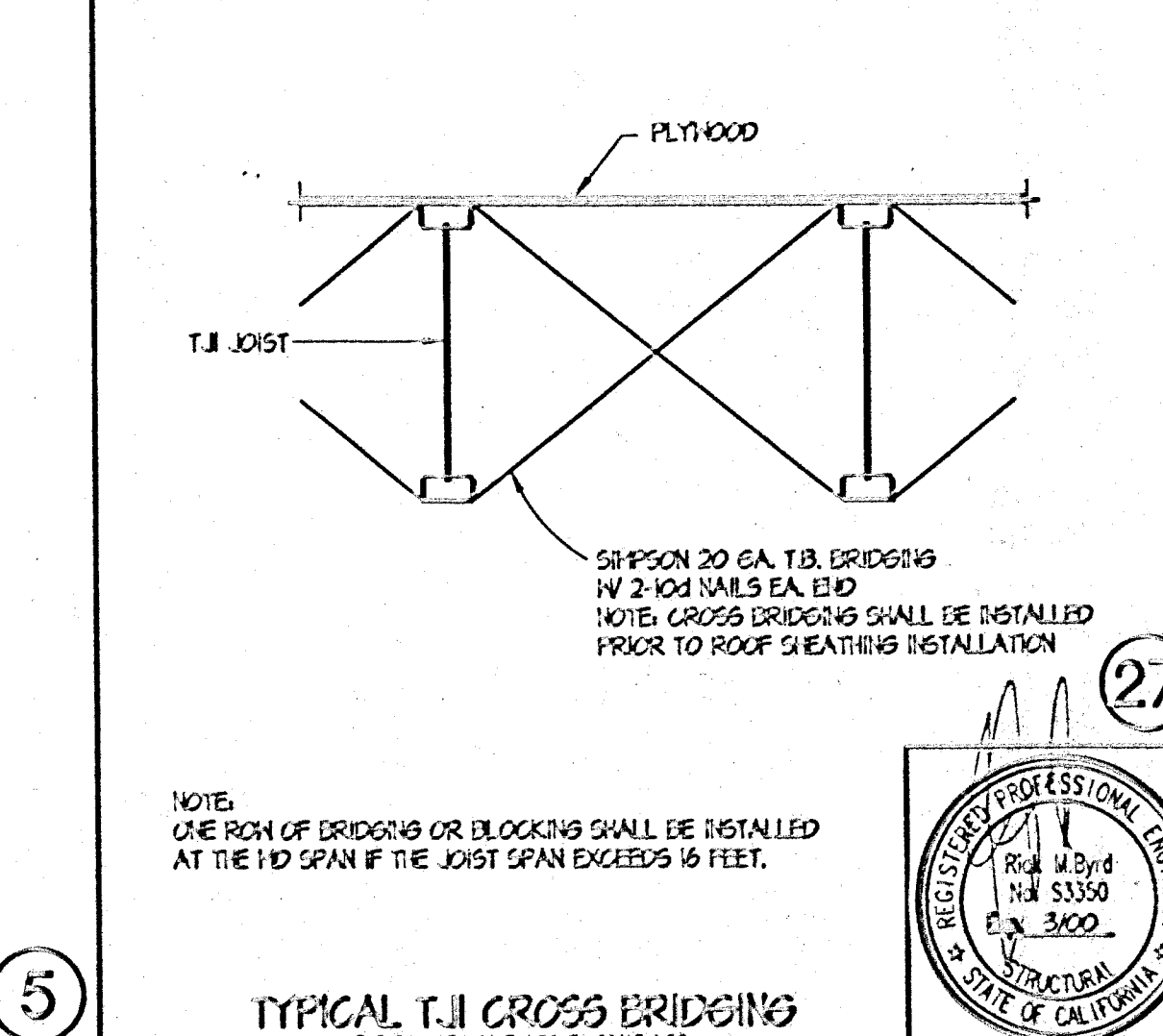
4. TYP. ANCHOR BOLT PLACEMENT AT SILL DETAIL



5. TYPICAL WALL BRACE TO T.J. DETAIL



26. TYPICAL NON-BEARING WALL



27. TYPICAL T.J. CROSS BRIDGING

1. ALL STRUCTURAL LUMBER SHALL BE DOUGLAS FIR LARCH 44S OF THE GRADES INDICATED UNLESS OTHERWISE NOTED.
SILL PLATES: DOUGLAS FIR PRESSURE TREATED (NO. 2)
2" x 4" TIG DECKING: SELECT DEX
STRUCTURAL FRAMING:
2" x 4" TRUSS 2" x 4" WIDE NO. 2
2" x 4" TRUSS 2" x 4" WIDE NO. 1
2" x 4" JOISTS AND RAFTERS NO. 1
4" x 8" BEAMS AND POSTS NO. 1
6" x 8" AND LARGER BEAMS AND POSTS SELECT STRUCTURAL
2. ALL STRUCTURAL LUMBER SHALL BE GRADED IN ACCORDANCE WITH THE STANDARDS OF THE WEST COAST LUMBER INSPECTION BUREAU.
3. ALL WOOD BEARING ON MASONRY OR CONCRETE SHALL BE PRESSURE TREATED DOUGLAS FIR AS OUTLINED IN U.B.C. SEC. 23-42.
4. PLYWOOD ROOF AND CEILING LUMBER: SHEATHING SHALL BE GRADE MARKED STRUCTURAL I OR II PS-38 PER PLAN, WITH EXTERIOR GRADE.
5. BOLTS SHALL BE ASTM A-307, PROVIDE STANDARD CUT WAGERS BETWEEN BOLT HEADS AND NUTS AND THE WOOD. THESE BOLTS ARE IN TENSION PROVIDE HALF-LENGTH IRON WAGERS.
6. STRUCTURAL LUMBER MEMBERS SHALL NOT BE CUT OR NOTCHED FOR PIPES OR CONDUITS ETC. UNLESS SPECIFICALLY DETAILLED OR NOTED.
7. 2" SOLID BLOCKING SHALL BE PROVIDED BETWEEN JOISTS AND RAFTERS AT ALL BEARING SUPPORTS.
8. NOTCH AS REQUIRED, ALL JOISTS AND RAFTERS TO PROVIDE LEVEL, FULL BEARING AT JOISTS HANGERS, PLATES AND SUPPORTS.
9. DO NOT NAIL BOLTS LARGER THAN THE NORMAL BOLT DIAMETER.
10. REINFORCE ALL BOLTS PRIOR TO CONCRETE, AND MAKE THE BOLTS CONNECTION INACCESSIBLE.
11. ALL NAILS AT PLYWOOD SHEARWALLS AND HORIZONTAL DIAPHRAGMS ARE TO BE CORONA NAILS.
12. ALL SHEATHING TO BE UTILIZED AT FRAMING CONNECTIONS, ALL PLYWOOD SHALL BE NAILED WITH CORONA NAILS. SILL PLATES SHALL BE NAILED WITH CORONA NAILS.
13. SCHEDULE OF LINTELS

OPENING WIDTH (SOLID SHEATHING)	MAX. SPAN (G.T.P. BOARD FINISH)	MAX. SPAN (PLASTER FINISH)
2'-0" to 2'-6"	8'-0"	8'-0"
2'-6" to 3'-0"	10'-0"	10'-0"
3'-0" to 3'-6"	12'-0"	12'-0"
3'-6" to 4'-0"	14'-0"	14'-0"

14. SCHEDULE OF ALLOWABLE CEILING JOIST SPANS

JOIST	MAX. SPAN (G.T.P. BOARD FINISH)	MAX. SPAN (PLASTER FINISH)
2'-0" to 2'-6"	8'-0"	8'-0"
2'-6" to 3'-0"	10'-0"	10'-0"
3'-0" to 3'-6"	12'-0"	12'-0"
3'-6" to 4'-0"	14'-0"	14'-0"

15. PROVIDE 2X FIRE STOPS & ALL INTERSECTIONS OF STUD WALLS AND/OR STUD PARTITIONS AT FLOOR, CEILING AND ROOF. FIRE STOPS & A MAXIMUM SPACING OF 8'-0" O.C. IN THE VERTICAL DIRECTION. PROVIDE 2X FIRE STOPS IN ALL PERMANENT SPACES, VERTICAL AND HORIZONTAL.

GLUE LAMINATED BEAMS

INTERIOR APPLICATIONS	GLUE LAMINATED BEAMS 12x2400 PSF (24x10) DOUGLAS FIR	APPEARANCE GRADE - INTERIOR GLUE
EXTERIOR APPLICATIONS	GLUE LAMINATED BEAMS 12x2400 PSF (24x10) ALASKAN CEDAR	APPEARANCE GRADE - EXTERIOR GLUE

16. SCHEDULE OF ALLOWABLE CEILING JOIST SPANS

JOIST	MAX. SPAN (G.T.P. BOARD FINISH)	MAX. SPAN (PLASTER FINISH)
2'-0" to 2'-6"	8'-0"	8'-0"
2'-6" to 3'-0"	10'-0"	10'-0"
3'-0" to 3'-6"	12'-0"	12'-0"
3'-6" to 4'-0"	14'-0"	14'-0"

17. PROVIDE 2X FIRE STOPS & ALL INTERSECTIONS OF STUD WALLS AND/OR STUD PARTITIONS AT FLOOR, CEILING AND ROOF. FIRE STOPS & A MAXIMUM SPACING OF 8'-0" O.C. IN THE VERTICAL DIRECTION. PROVIDE 2X FIRE STOPS IN ALL PERMANENT SPACES, VERTICAL AND HORIZONTAL.

GLUE LAMINATED BEAMS

INTERIOR APPLICATIONS	GLUE LAMINATED BEAMS 12x2400 PSF (24x10) DOUGLAS FIR	APPEARANCE GRADE - INTERIOR GLUE
EXTERIOR APPLICATIONS	GLUE LAMINATED BEAMS 12x2400 PSF (24x10) ALASKAN CEDAR	APPEARANCE GRADE - EXTERIOR GLUE

18. SCHEDULE OF ALLOWABLE CEILING JOIST SPANS

JOIST	MAX. SPAN (G.T.P. BOARD FINISH)	MAX. SPAN (PLASTER FINISH)
2'-0" to 2'-6"	8'-0"	8'-0"
2'-6" to 3'-0"	10'-0"	10'-0"
3'-0" to 3'-6"	12'-0"	12'-0"
3'-6" to 4'-0"	14'-0"	14'-0"

19. PROVIDE 2X FIRE STOPS & ALL INTERSECTIONS OF STUD WALLS AND/OR STUD PARTITIONS AT FLOOR, CEILING AND ROOF. FIRE STOPS & A MAXIMUM SPACING OF 8'-0" O.C. IN THE VERTICAL DIRECTION. PROVIDE 2X FIRE STOPS IN ALL PERMANENT SPACES, VERTICAL AND HORIZONTAL.

GLUE LAMINATED BEAMS

INTERIOR APPLICATIONS	GLUE LAMINATED BEAMS 12x2400 PSF (24x10) DOUGLAS FIR	APPEARANCE GRADE - INTERIOR GLUE
EXTERIOR APPLICATIONS	GLUE LAMINATED BEAMS 12x2400 PSF (24x10) ALASKAN CEDAR	APPEARANCE GRADE - EXTERIOR GLUE

20. SCHEDULE OF ALLOWABLE CEILING JOIST SPANS

JOIST	MAX. SPAN (G.T.P. BOARD FINISH)	MAX. SPAN (PLASTER FINISH)
2'-0" to 2'-6"	8'-0"	8'-0"
2'-6" to 3'-0"	10'-0"	10'-0"
3'-0" to 3'-6"	12'-0"	12'-0"
3'-6" to 4'-0"	14'-0"	14'-0"

21. PROVIDE 2X FIRE STOPS & ALL INTERSECTIONS OF STUD WALLS AND/OR STUD PARTITIONS AT FLOOR, CEILING AND ROOF. FIRE STOPS & A MAXIMUM SPACING OF 8'-0" O.C. IN THE VERTICAL DIRECTION. PROVIDE 2X FIRE STOPS IN ALL PERMANENT SPACES, VERTICAL AND HORIZONTAL.

GLUE LAMINATED BEAMS

INTERIOR APPLICATIONS	GLUE LAMINATED BEAMS 12x2400 PSF (24x10) DOUGLAS FIR	APPEARANCE GRADE - INTERIOR GLUE
EXTERIOR APPLICATIONS	GLUE LAMINATED BEAMS 12x2400 PSF (24x10) ALASKAN CEDAR	APPEARANCE GRADE - EXTERIOR GLUE

22. SCHEDULE OF ALLOWABLE CEILING JOIST SPANS

JOIST	MAX. SPAN (G.T.P. BOARD FINISH)	MAX. SPAN (PLASTER FINISH)
2'-0" to 2'-6"	8'-0"	8'-0"
2'-6" to 3'-0"	10'-0"	10'-0"
3'-0" to 3'-6"	12'-0"	12'-0"
3'-6" to 4'-0"	14'-0"	14'-0"

23. PROVIDE 2X FIRE STOPS & ALL INTERSECTIONS OF STUD WALLS AND/OR STUD PARTITIONS AT FLOOR, CEILING AND ROOF. FIRE STOPS & A MAXIMUM SPACING OF 8'-0" O.C. IN THE VERTICAL DIRECTION. PROVIDE 2X FIRE STOPS IN ALL PERMANENT SPACES, VERTICAL AND HORIZONTAL.

GLUE LAMINATED BEAMS

INTERIOR APPLICATIONS	GLUE LAMINATED BEAMS 12x2400 PSF (24x10) DOUGLAS FIR	APPEARANCE GRADE - INTERIOR GLUE
EXTERIOR APPLICATIONS	GLUE LAMINATED BEAMS 12x2400 PSF (24x10) ALASKAN CEDAR	APPEARANCE GRADE - EXTERIOR GLUE

24. SCHEDULE OF ALLOWABLE CEILING JOIST SPANS

JOIST	MAX. SPAN (G.T.P. BOARD FINISH)	MAX. SPAN (PLASTER FINISH)
2'-0" to 2'-6"	8'-0"	8'-0"
2'-6" to 3'-0"	10'-0"	10'-0"
3'-0" to 3'-6"	12'-0"	12'-0"
3'-6" to 4'-0"	14'-0"	14'-0"

25. PROVIDE 2X FIRE STOPS & ALL INTERSECTIONS OF STUD WALLS AND/OR STUD PARTITIONS AT FLOOR, CEILING AND ROOF. FIRE STOPS & A MAXIMUM SPACING OF 8'-0" O.C. IN THE VERTICAL DIRECTION. PROVIDE 2X FIRE STOPS IN ALL PERMANENT SPACES, VERTICAL AND HORIZONTAL.

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26. SCHEDULE OF ALLOWABLE CEILING JOIST SPANS

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2'-6" to 3'-0"	10'-0"	10'-0"
3'-0" to 3'-6"	12'-0"	12'-0"
3'-6" to 4'-0"	14'-0"	14'-0"

27. PROVIDE 2X FIRE STOPS & ALL INTERSECTIONS OF STUD WALLS AND/OR STUD PARTITIONS AT FLOOR, CEILING AND ROOF. FIRE STOPS & A MAXIMUM SPACING OF 8'-0" O.C. IN THE VERTICAL DIRECTION. PROVIDE 2X FIRE STOPS IN ALL PERMANENT SPACES, VERTICAL AND HORIZONTAL.

GLUE LAMINATED BEAMS

INTERIOR APPLICATIONS	GLUE LAMINATED BEAMS 12x2400 PSF (24x10) DOUGLAS FIR	APPEARANCE GRADE - INTERIOR GLUE
EXTERIOR APPLICATIONS	GLUE LAMINATED BEAMS 12x2400 PSF (24x10) ALASKAN CEDAR	APPEARANCE GRADE - EXTERIOR GLUE

28. SCHEDULE OF ALLOWABLE CEILING JOIST SPANS

JOIST	MAX. SPAN (G.T.P. BOARD FINISH)	MAX. SPAN (PLASTER FINISH)
2'-0" to 2'-6"	8'-0"	8'-0"
2'-6" to 3'-0"	10'-0"	10'-0"
3'-0" to 3'-6"	12'-0"	12'-0"
3'-6" to 4'-0"	14'-0"	14'-0"

29. PROVIDE 2X FIRE STOPS & ALL INTERSECTIONS OF STUD WALLS AND/OR STUD PARTITIONS AT FLOOR, CEILING AND ROOF. FIRE STOPS & A MAXIMUM SPACING OF 8'-0" O.C. IN THE VERTICAL DIRECTION. PROVIDE 2X FIRE STOPS IN ALL PERMANENT SPACES, VERTICAL AND HORIZONTAL.

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California 91730-3754
tel: 909 987 0909
fax: 909 980 9380

**City of San Marcos
Emergency Services Training Facility**

Santar Place
San Marcos, Ca 92069

CONSULTANT

R.M. BIRD AND ASSOCIATES, INC.
Consulting Structural Engineers
337 N. BROAD AVE.
CANTO, CA 90008
(213) 289-5009 FAX (213) 289-5108
JOB NO. 10-11

NOTICE IS HEREBY GIVEN that, pursuant to the San Marcos City Charter and the San Marcos Municipal Code, payment of prevailing wages and compliance with the California Labor Code Section 1770 shall not be required for this project.

APPROVED

APPROVED

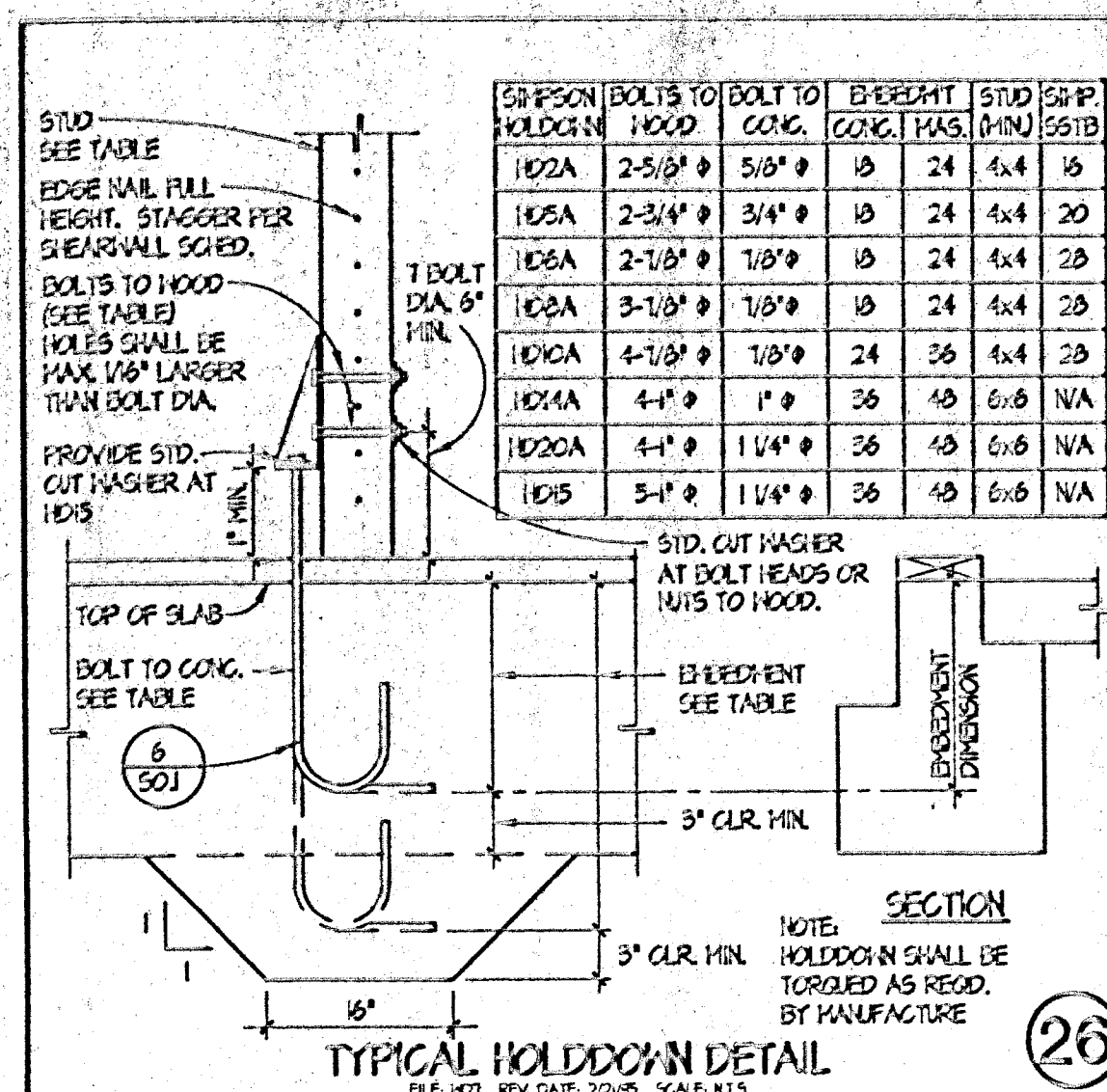
APPROVED

NO. DATE BY REMARKS

GENERAL NOTES AND TYPICAL DETAILS

DRAWN D.A.
CHECKED R.A.
DATE JANUARY 2000
SCALE AS NOTED
JOB NO. 1-10418

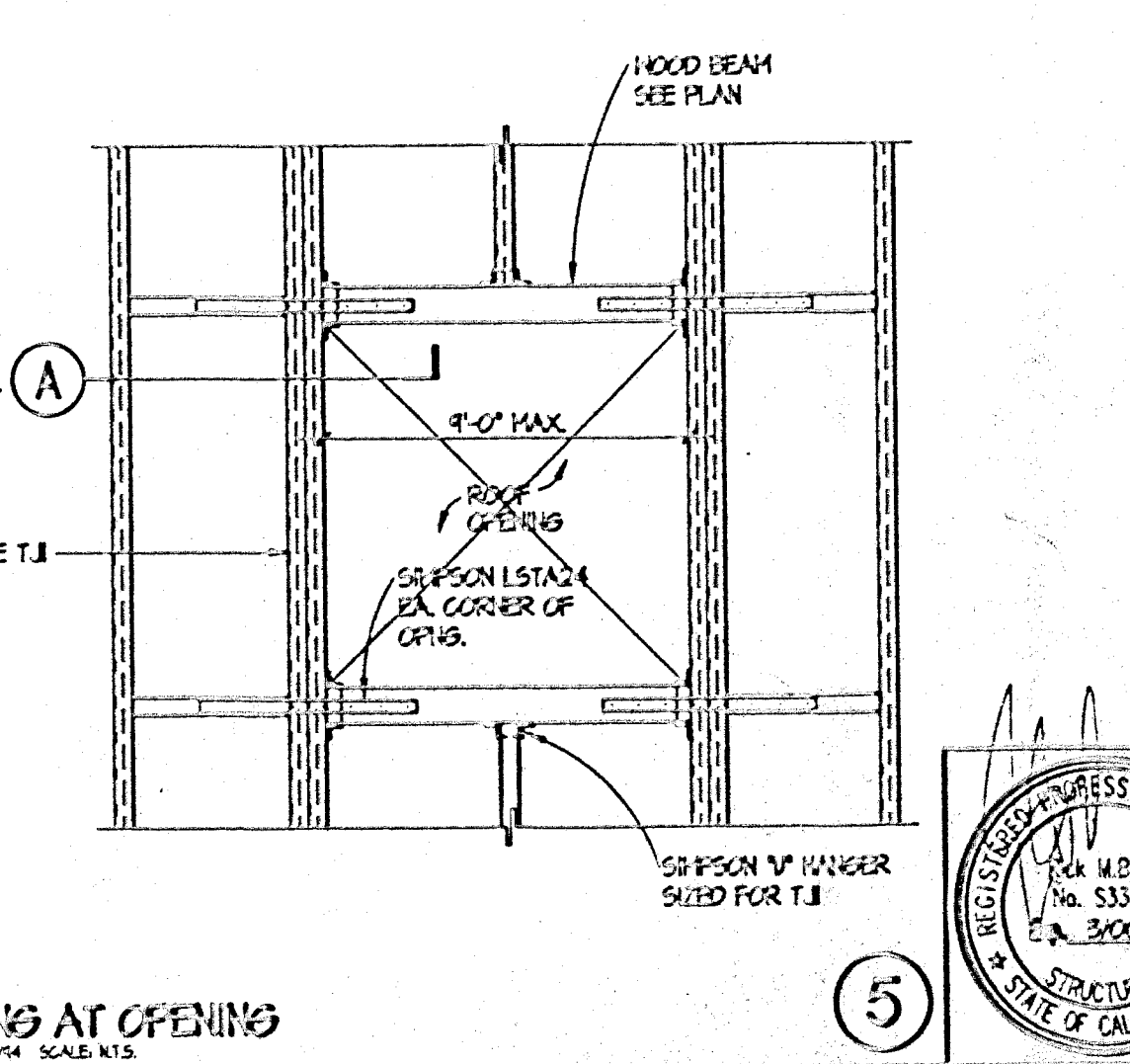
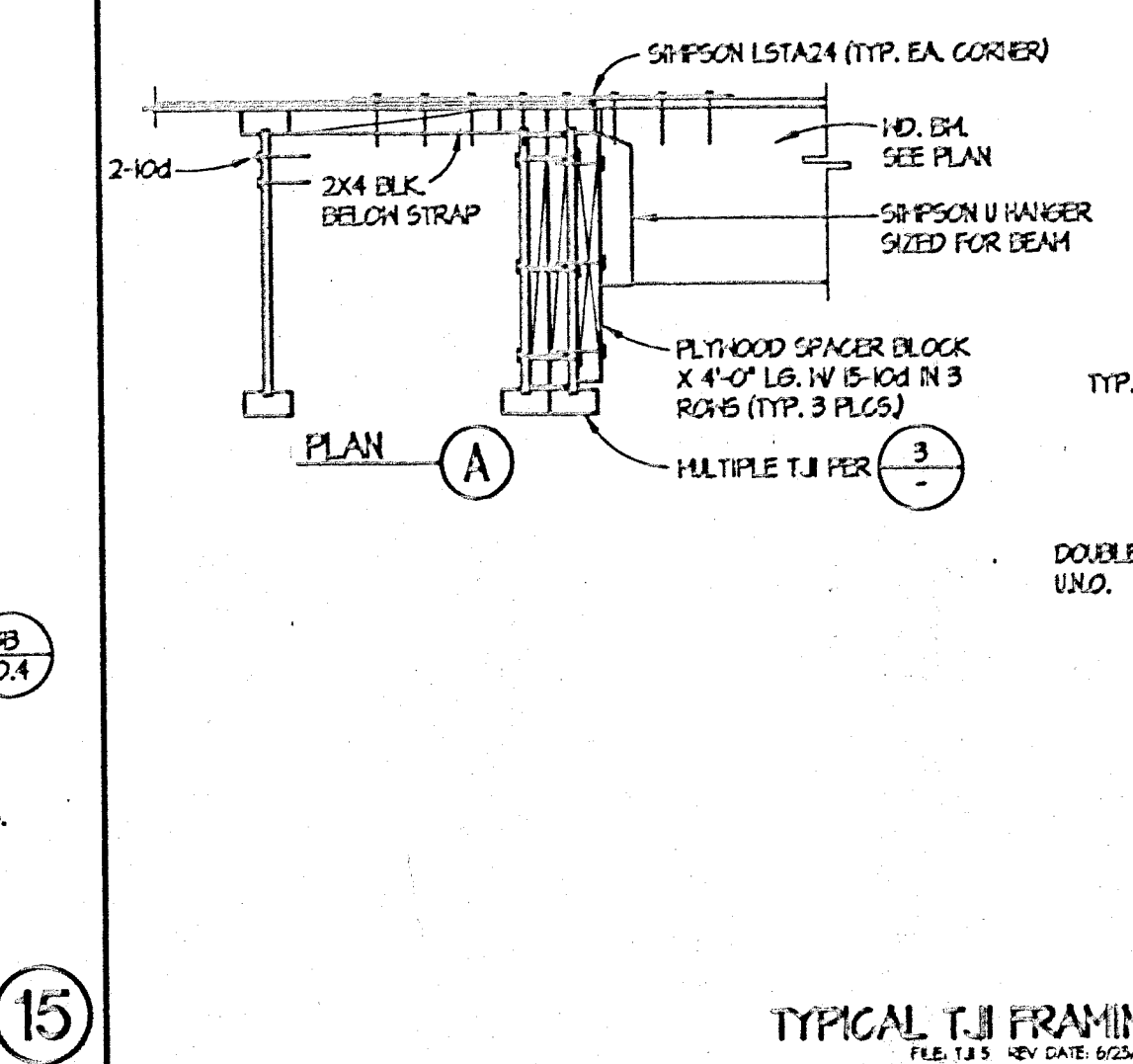
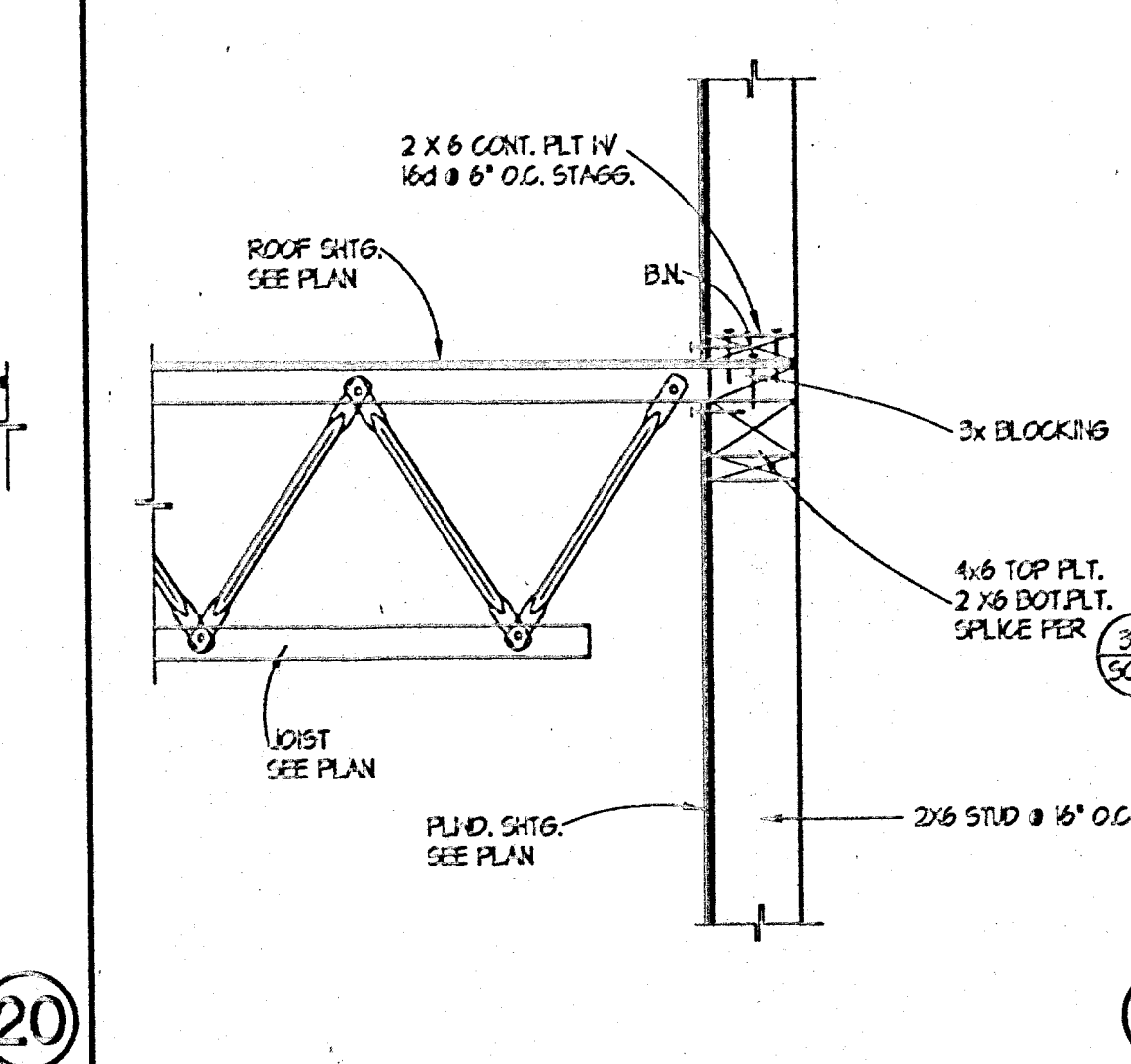
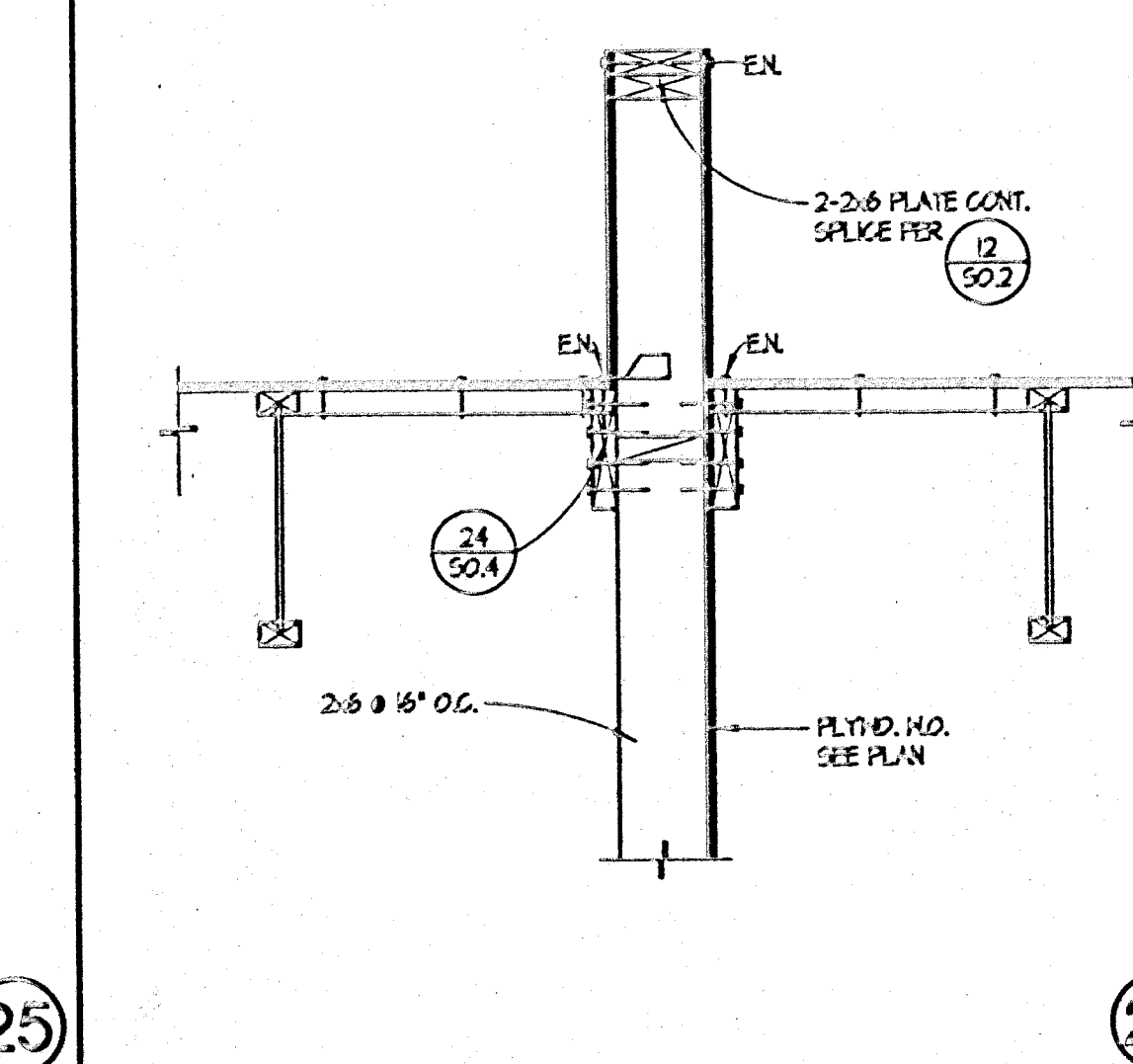
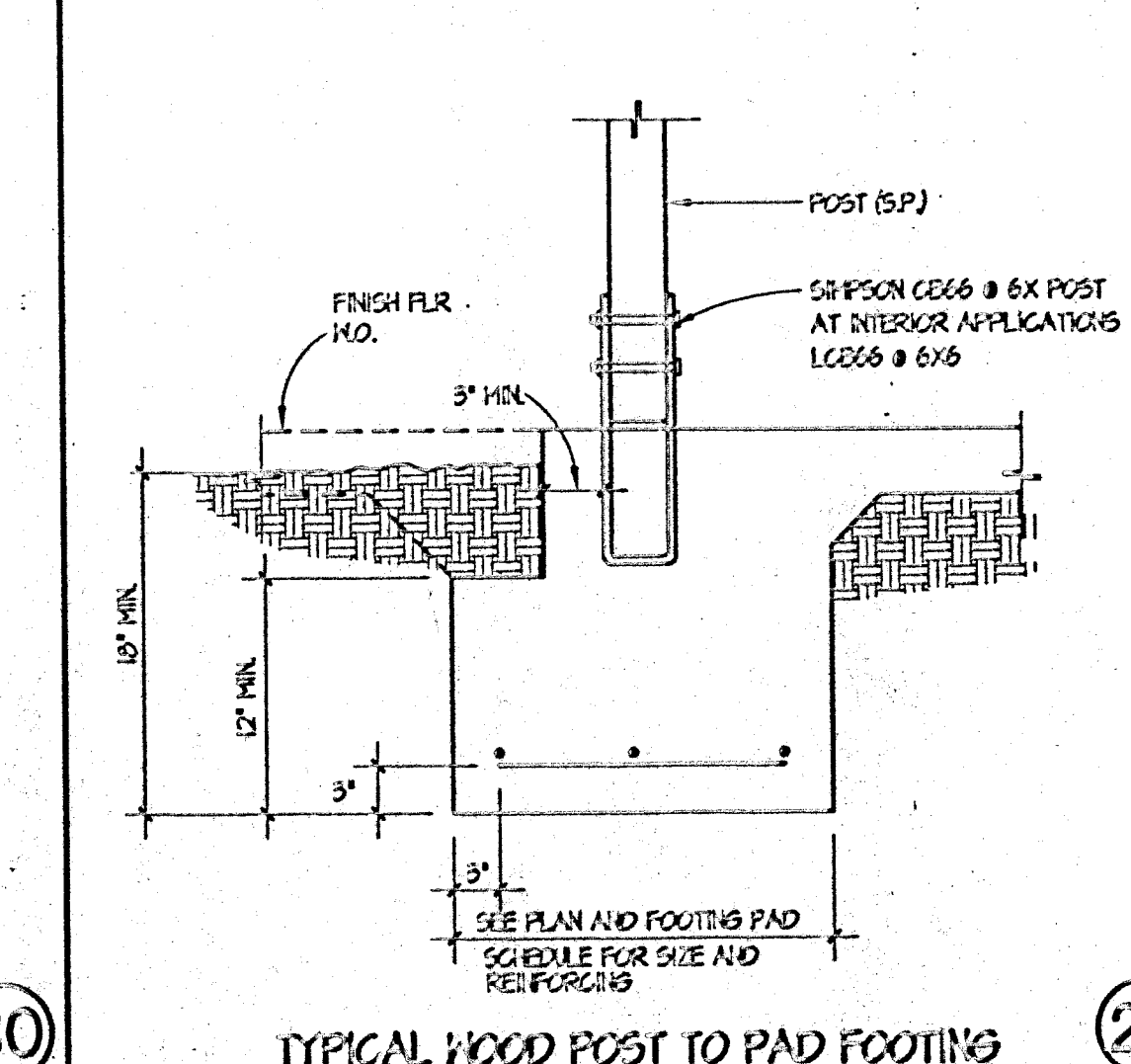
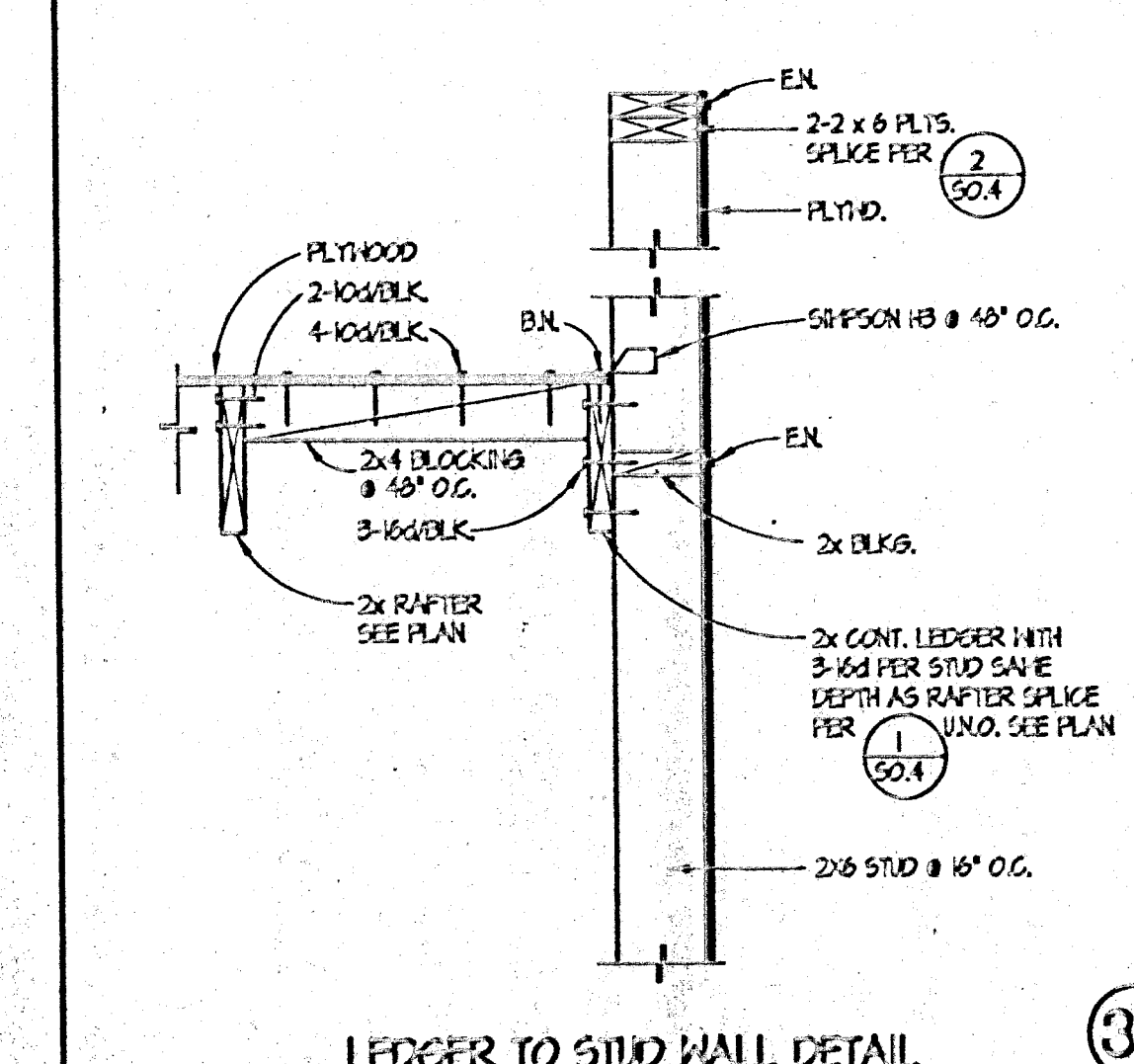
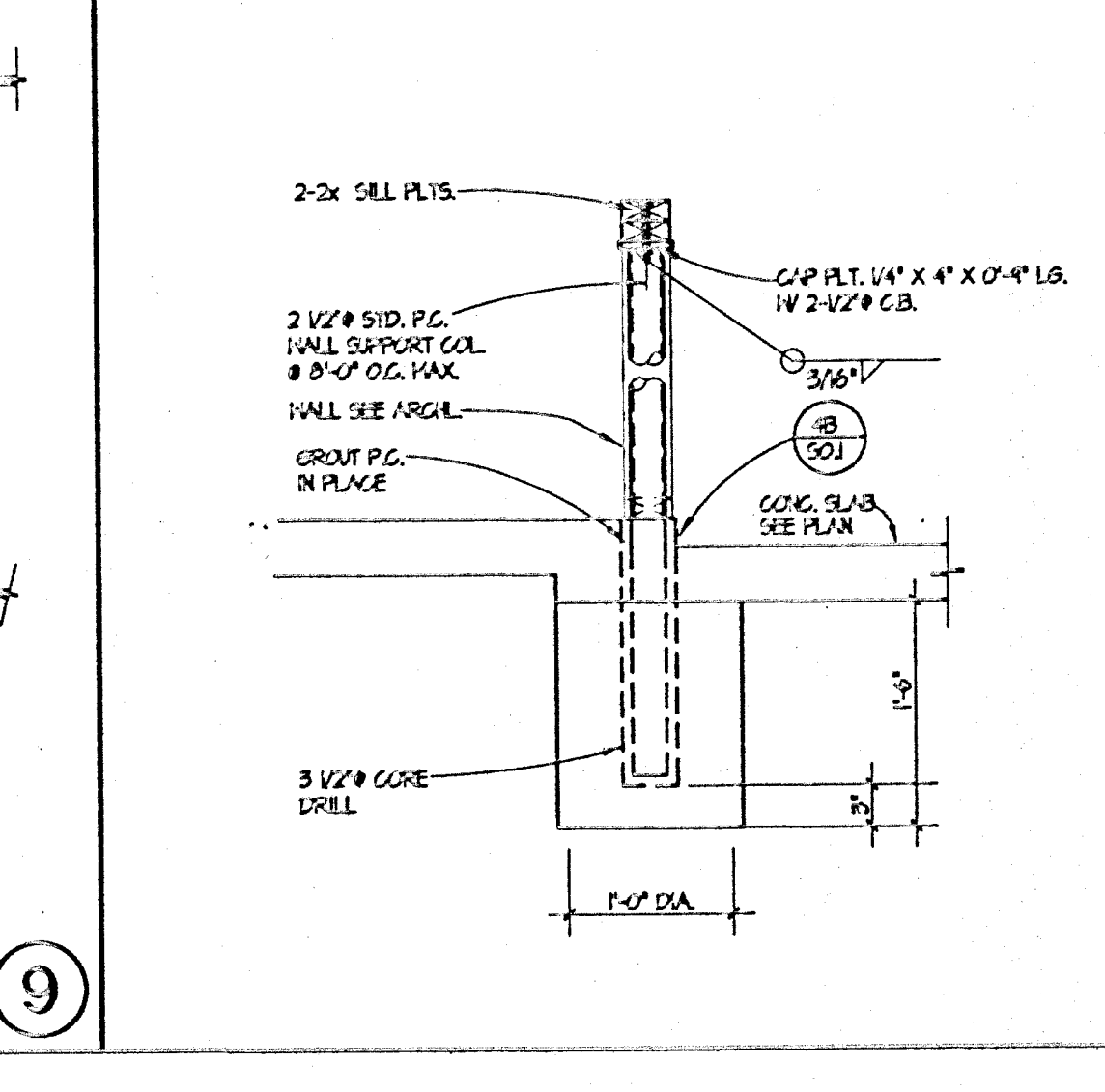
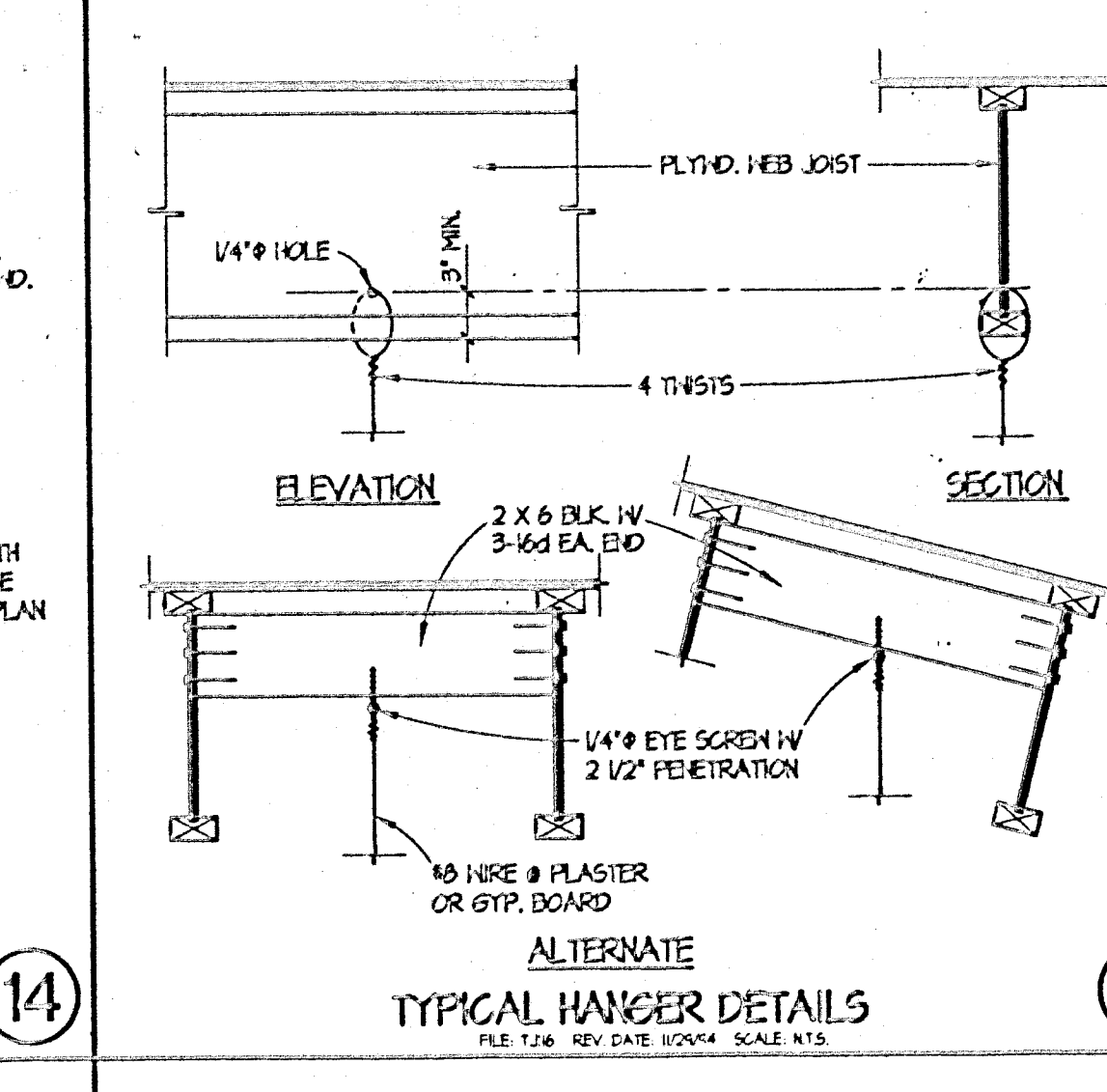
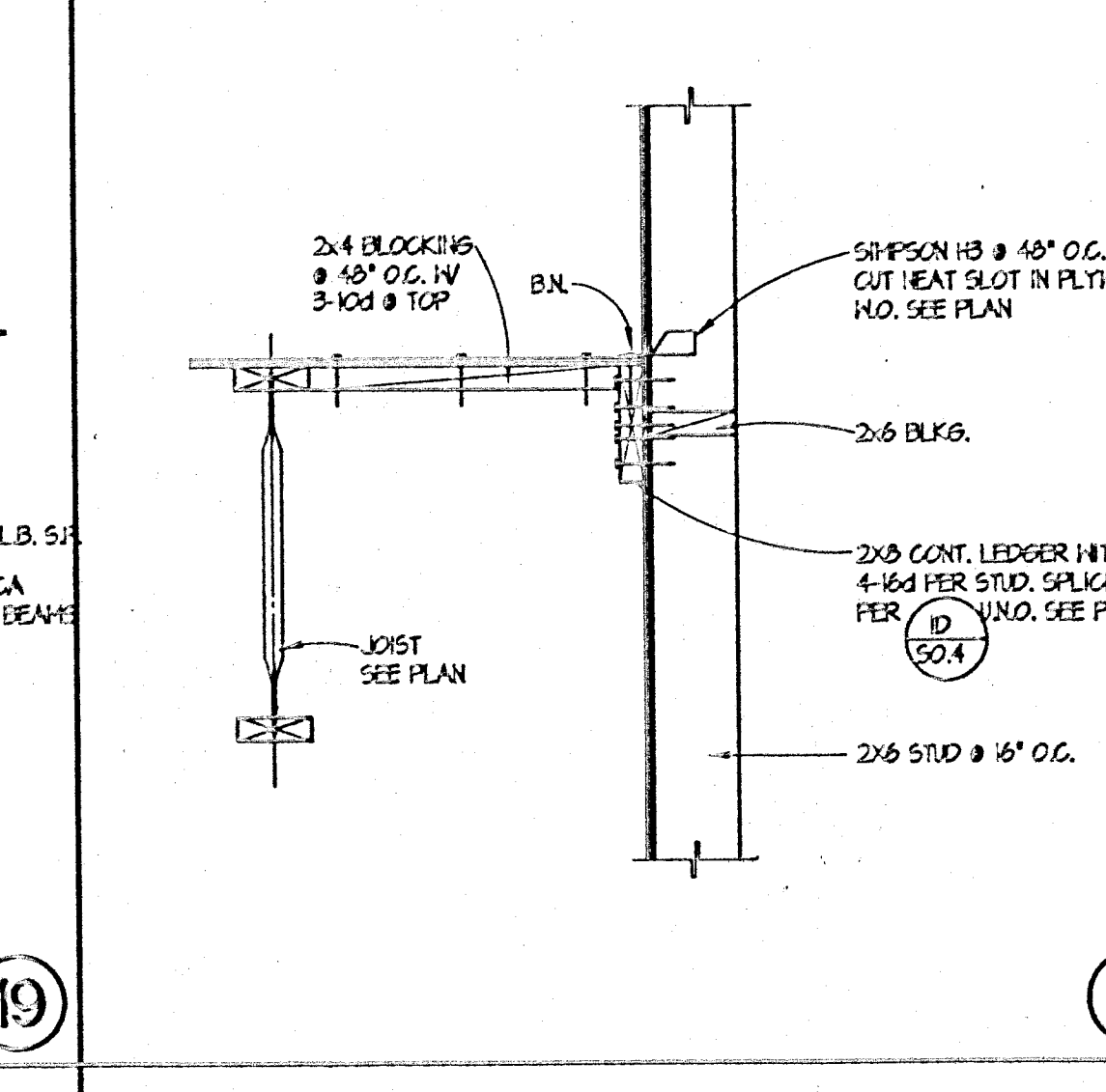
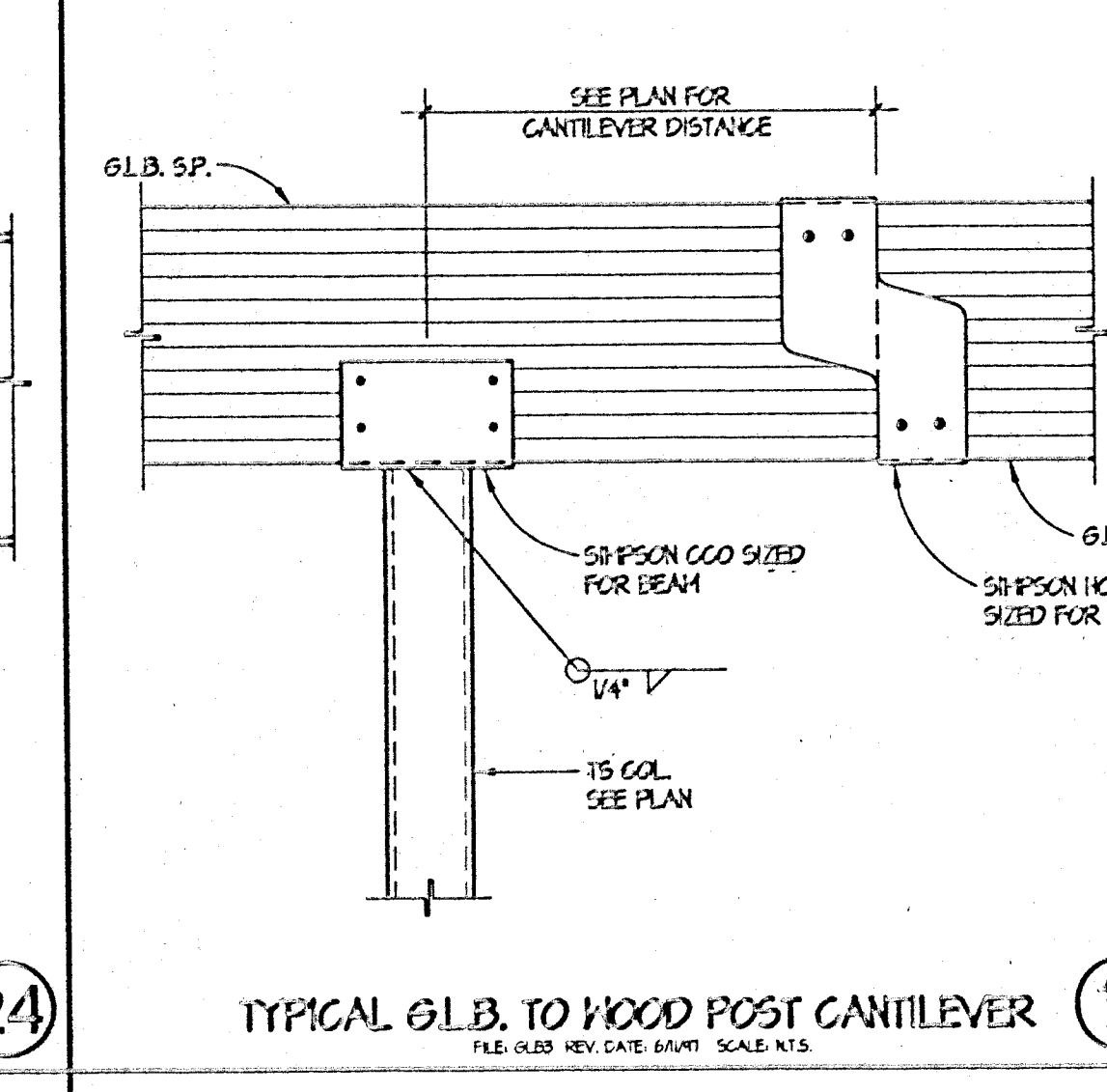
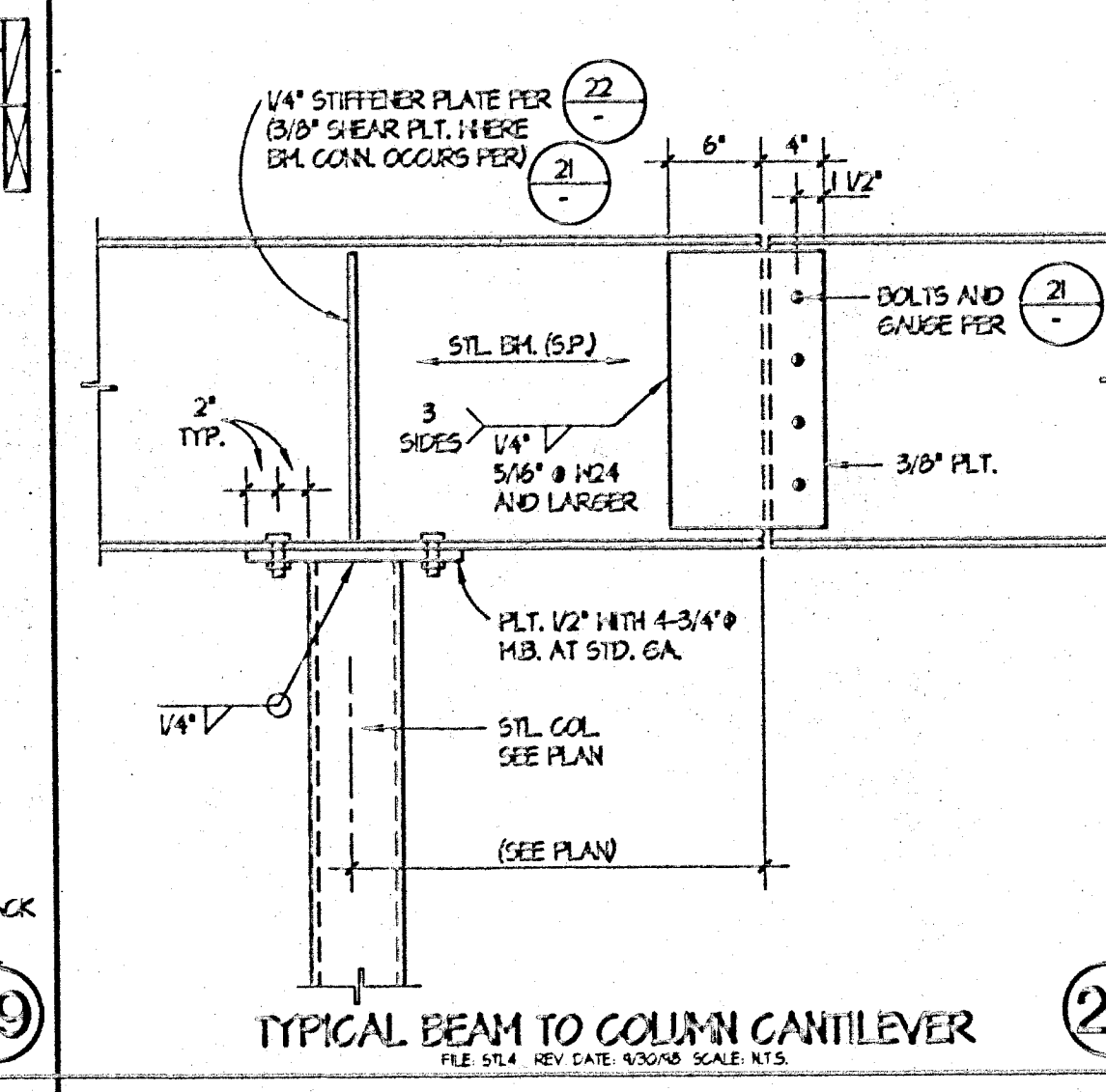
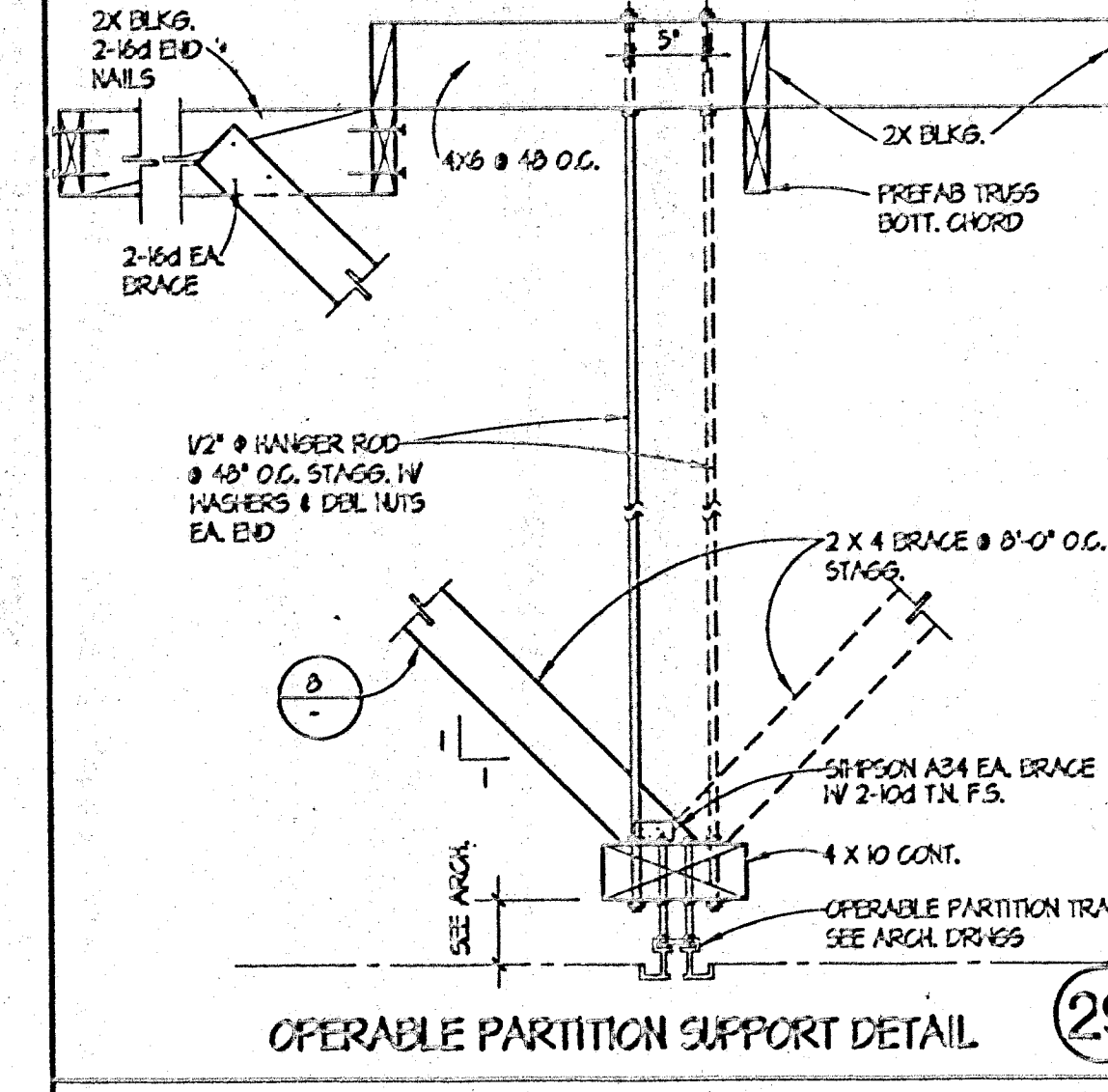
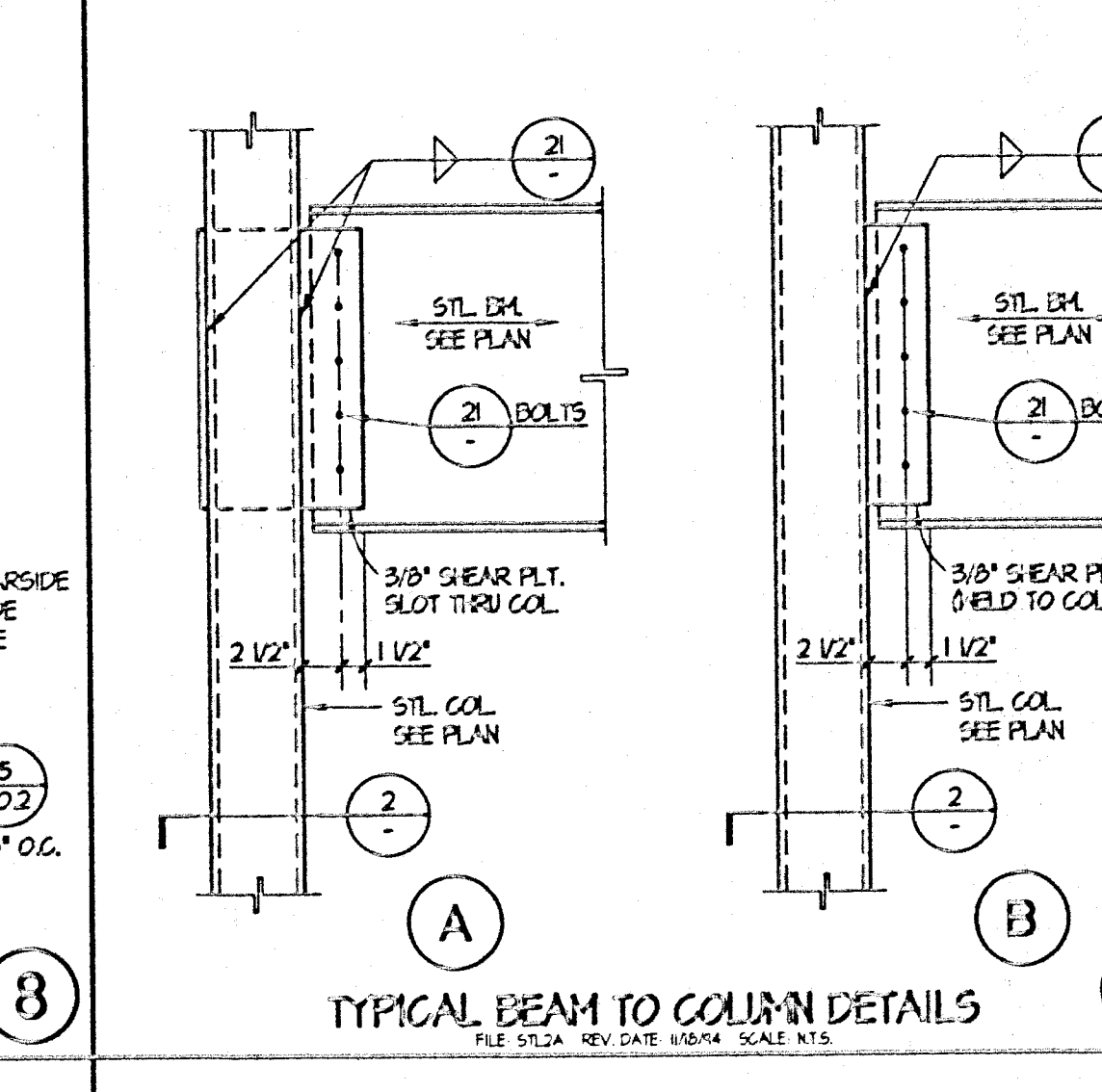
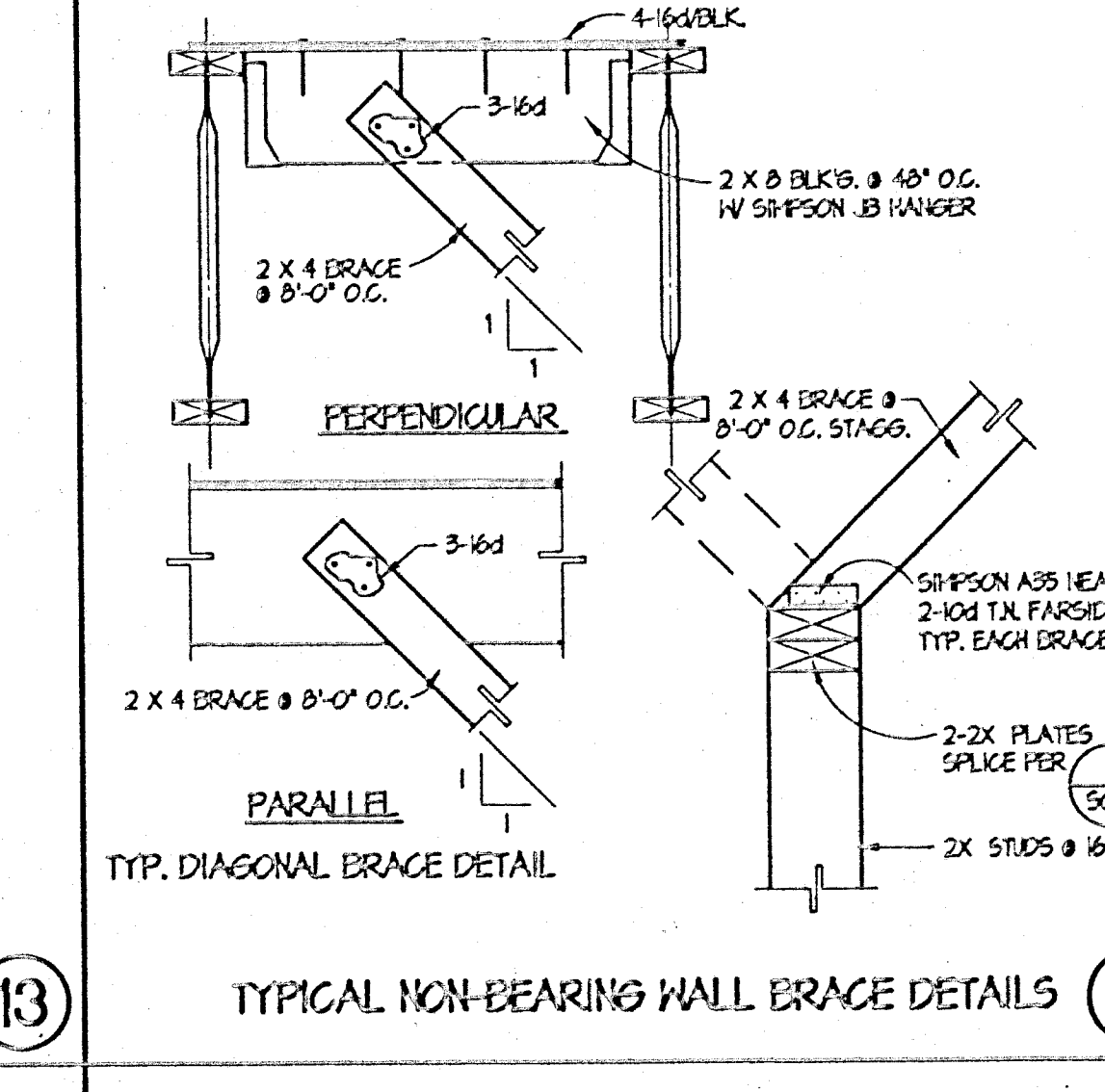
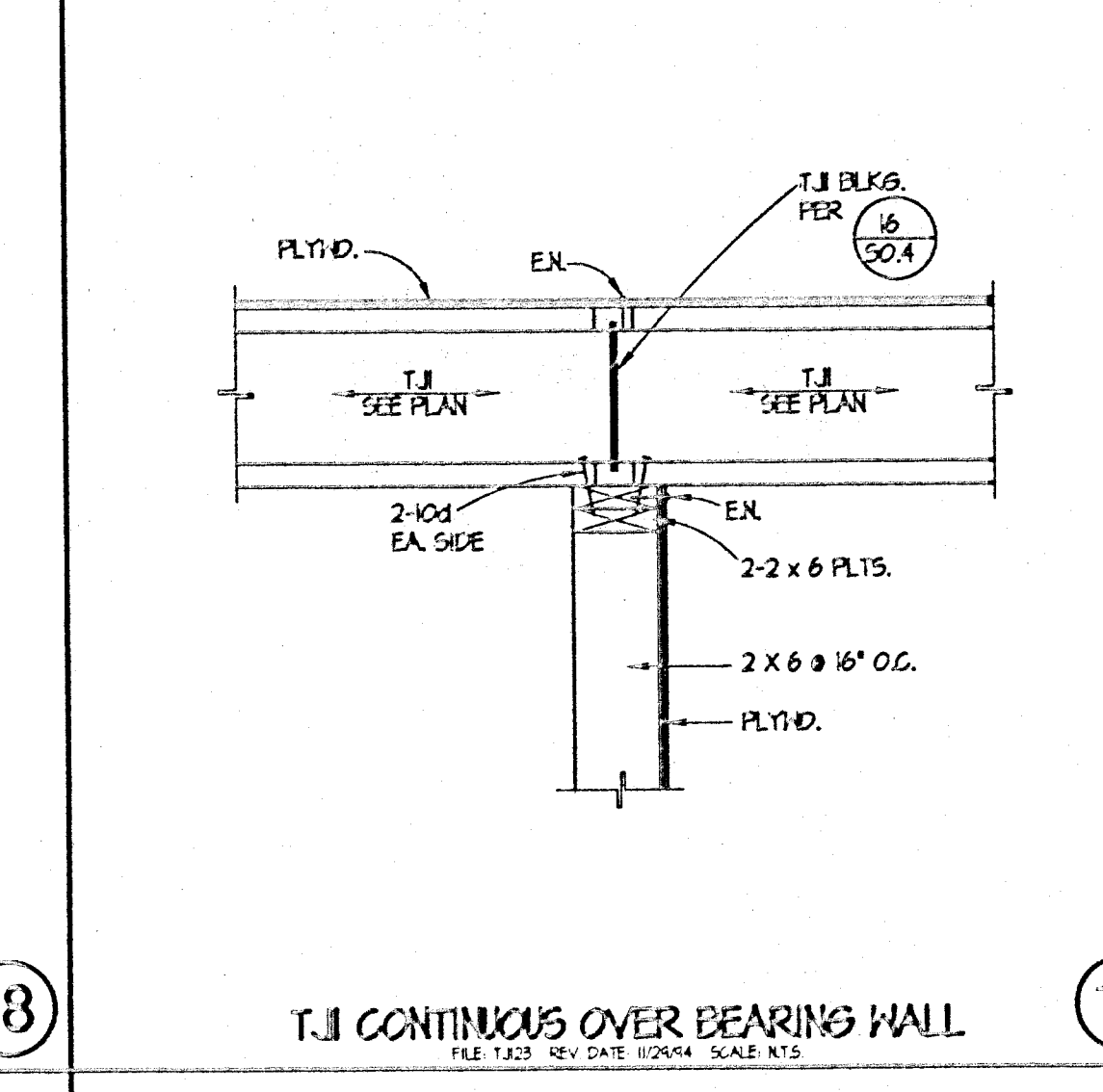
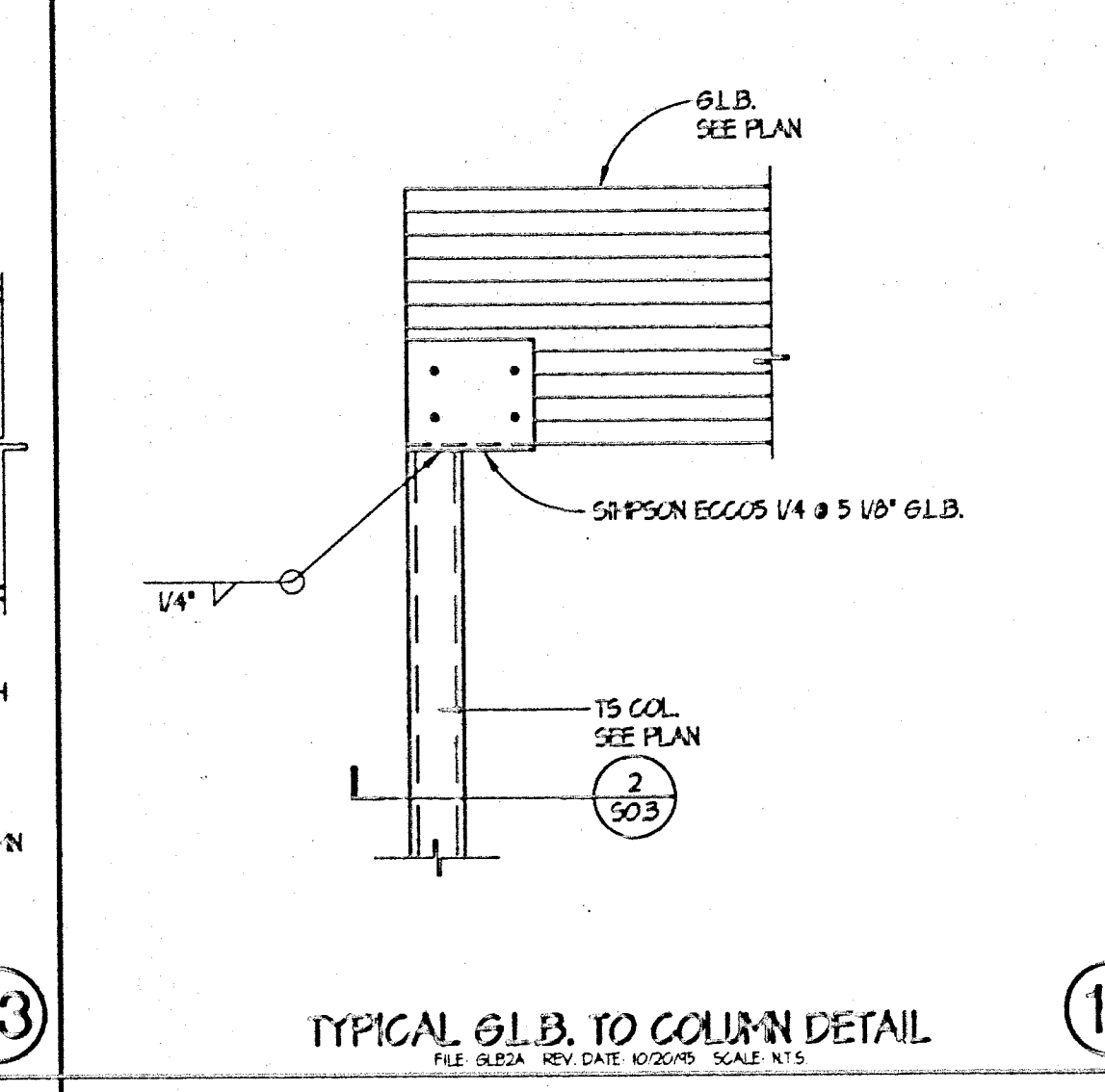
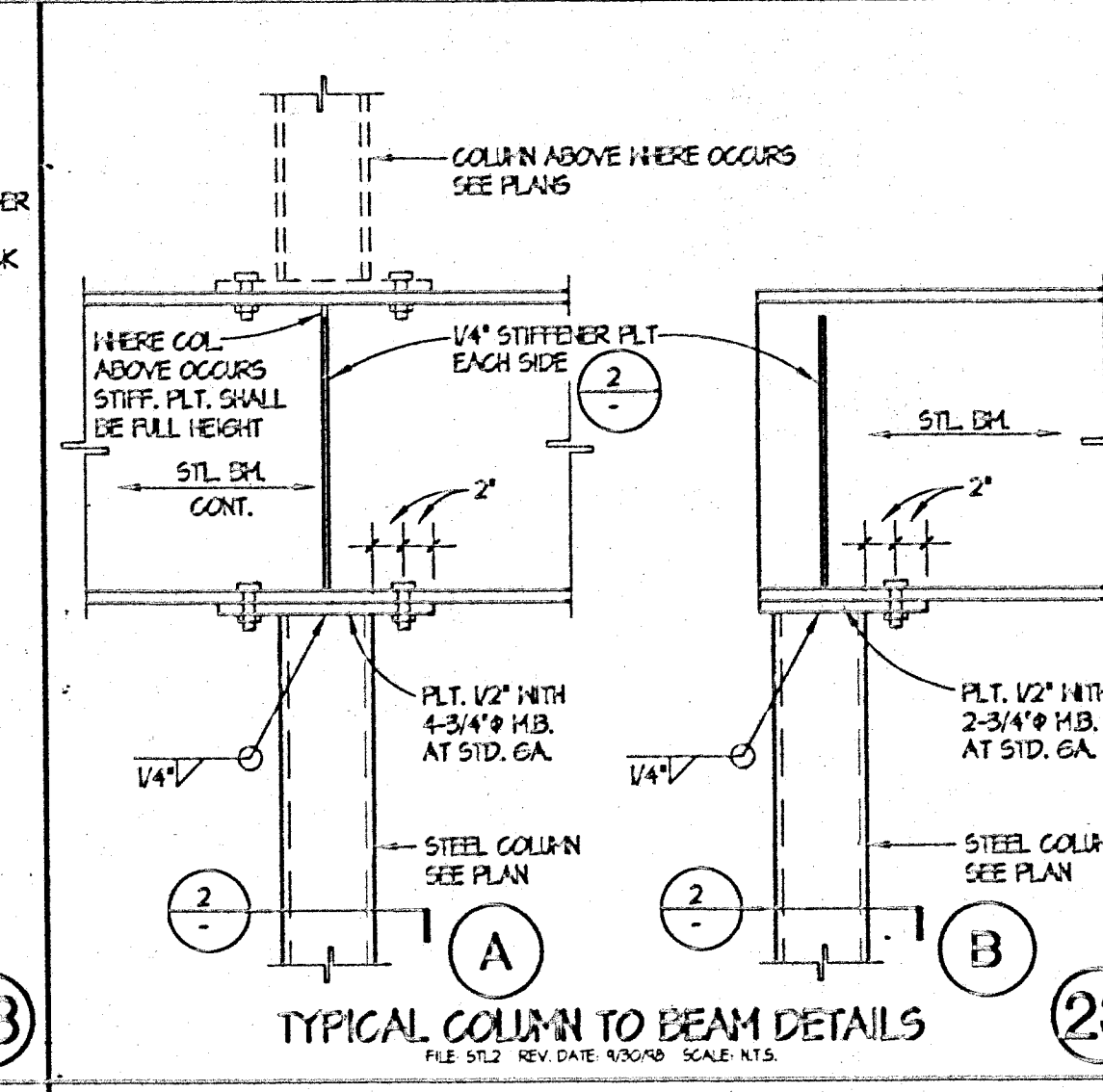
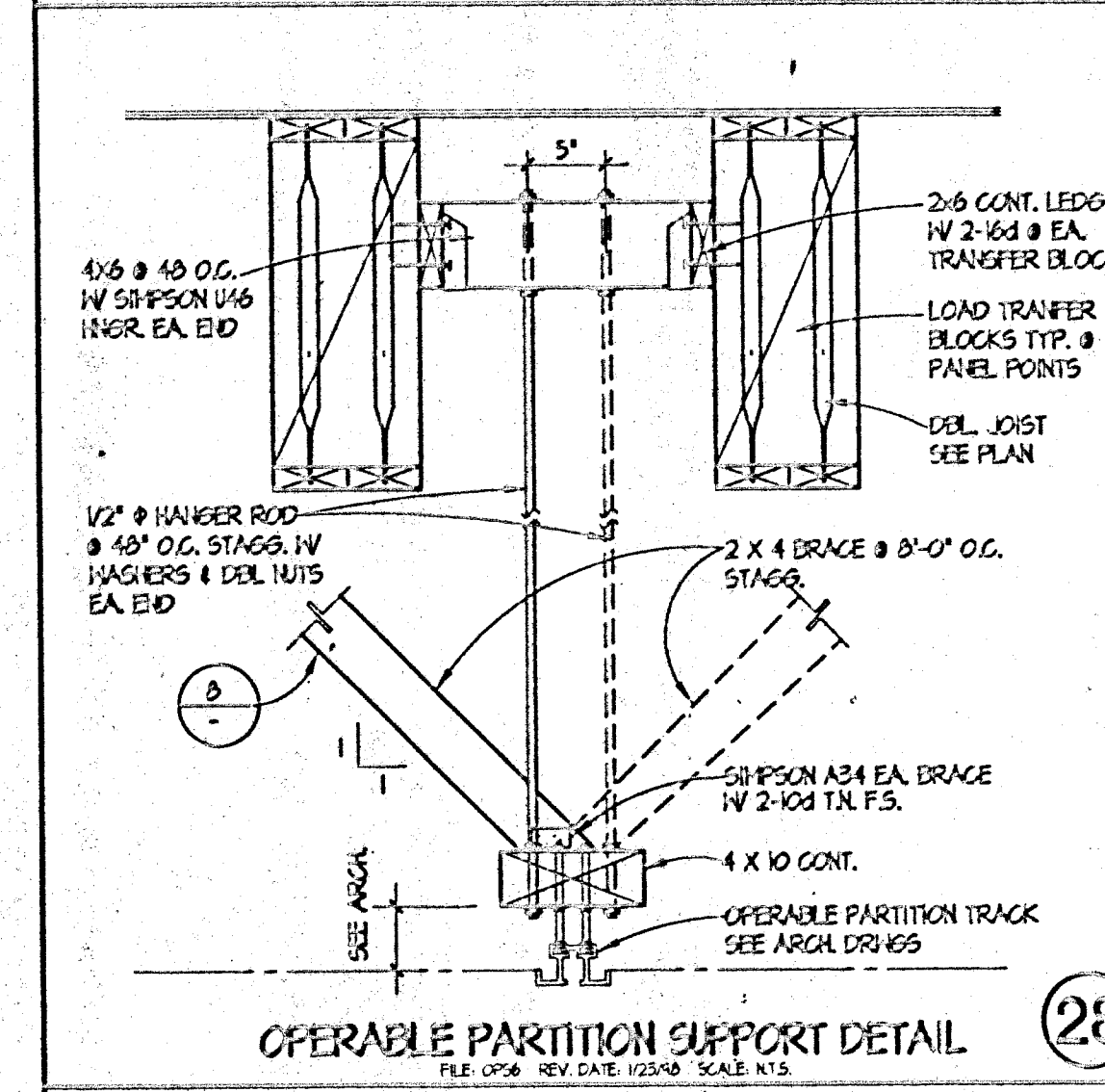
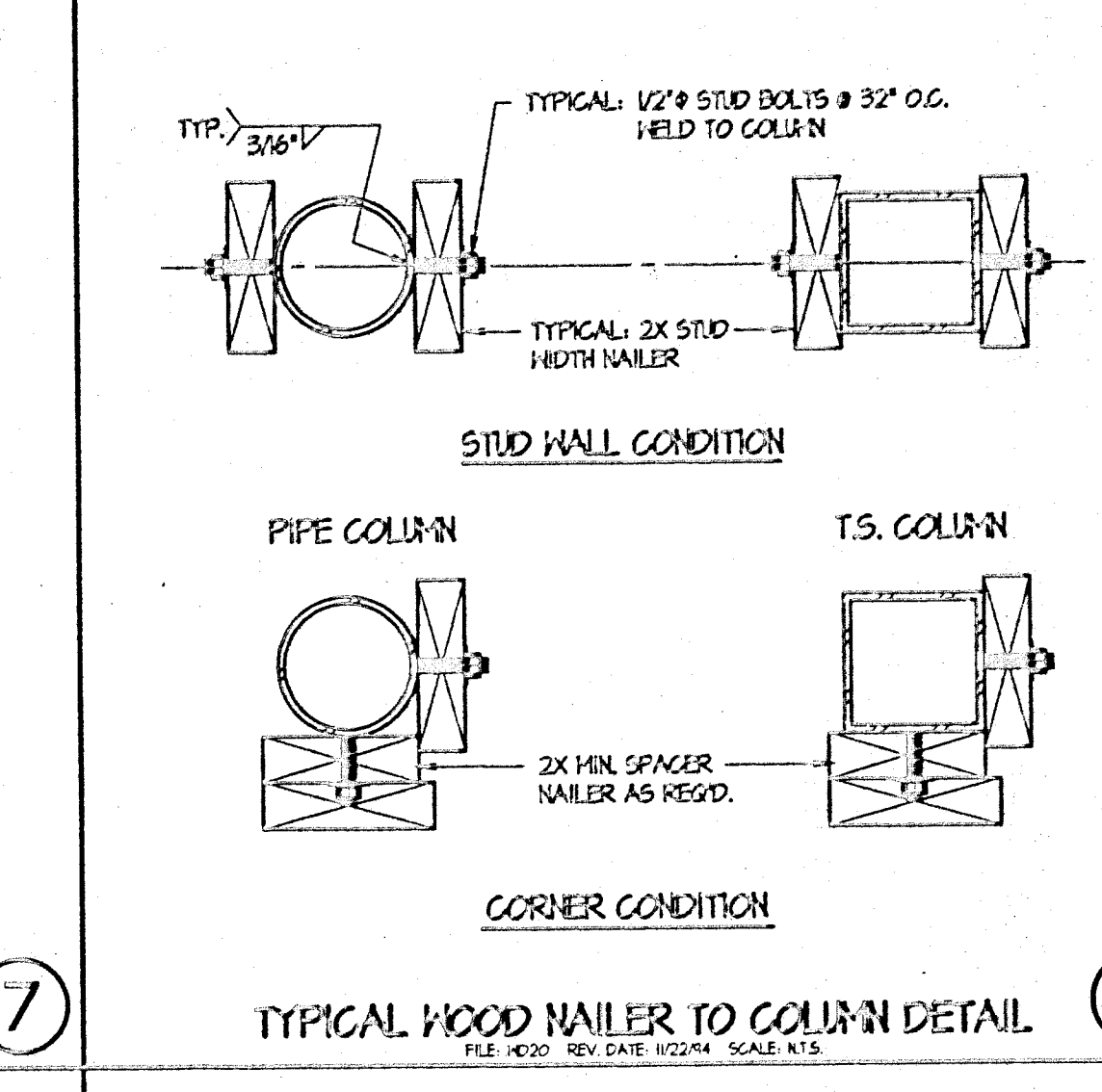
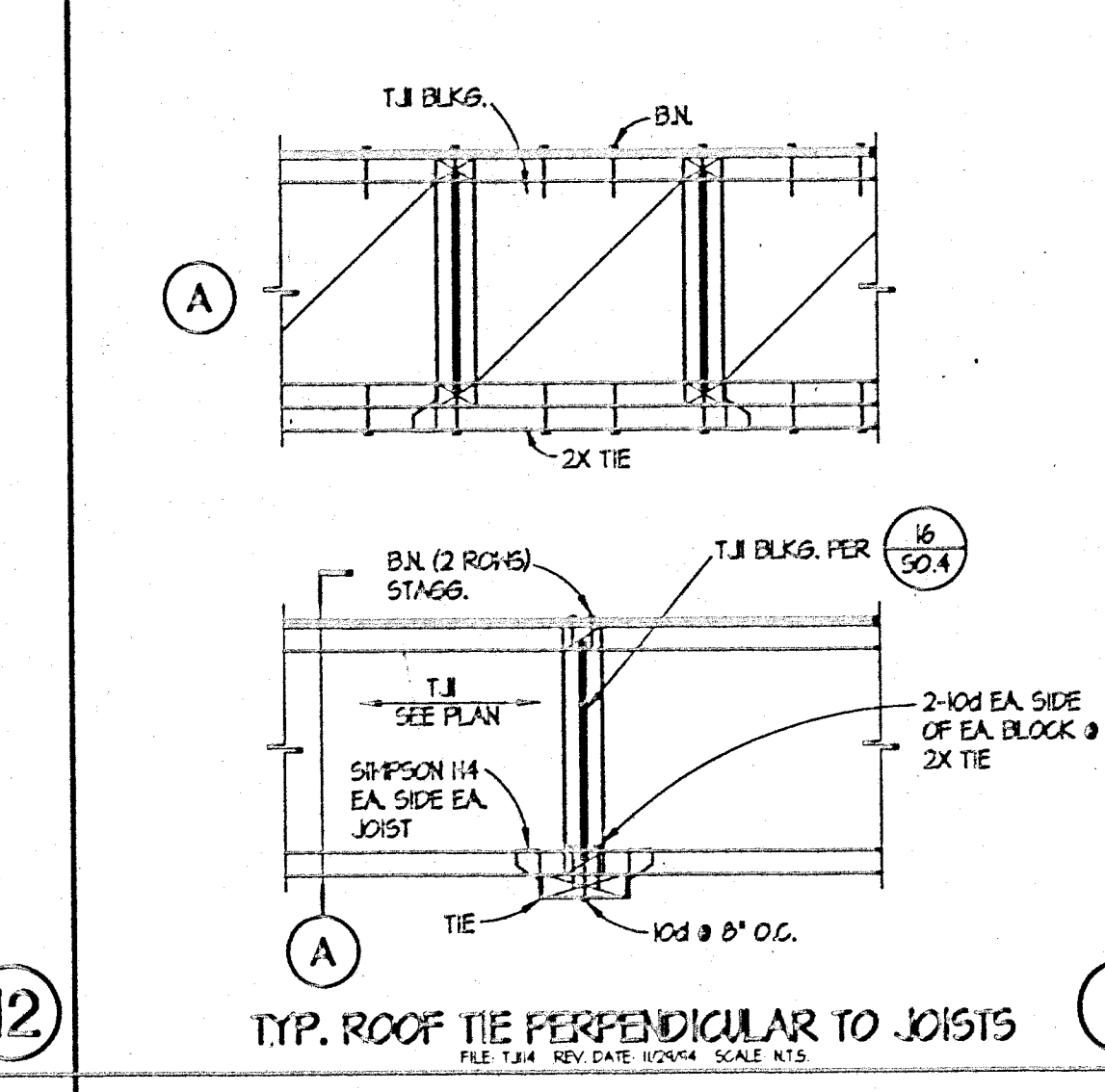
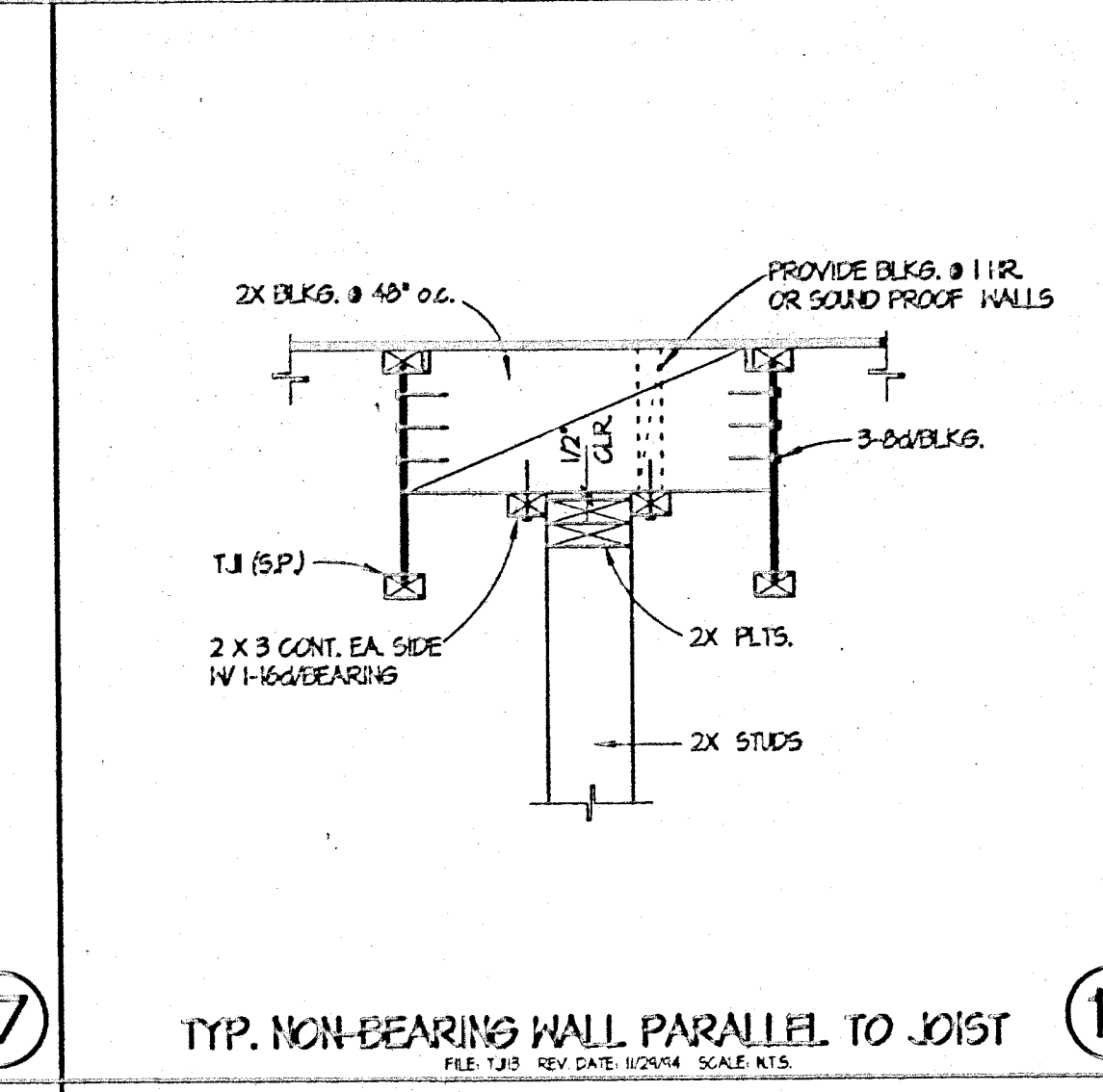
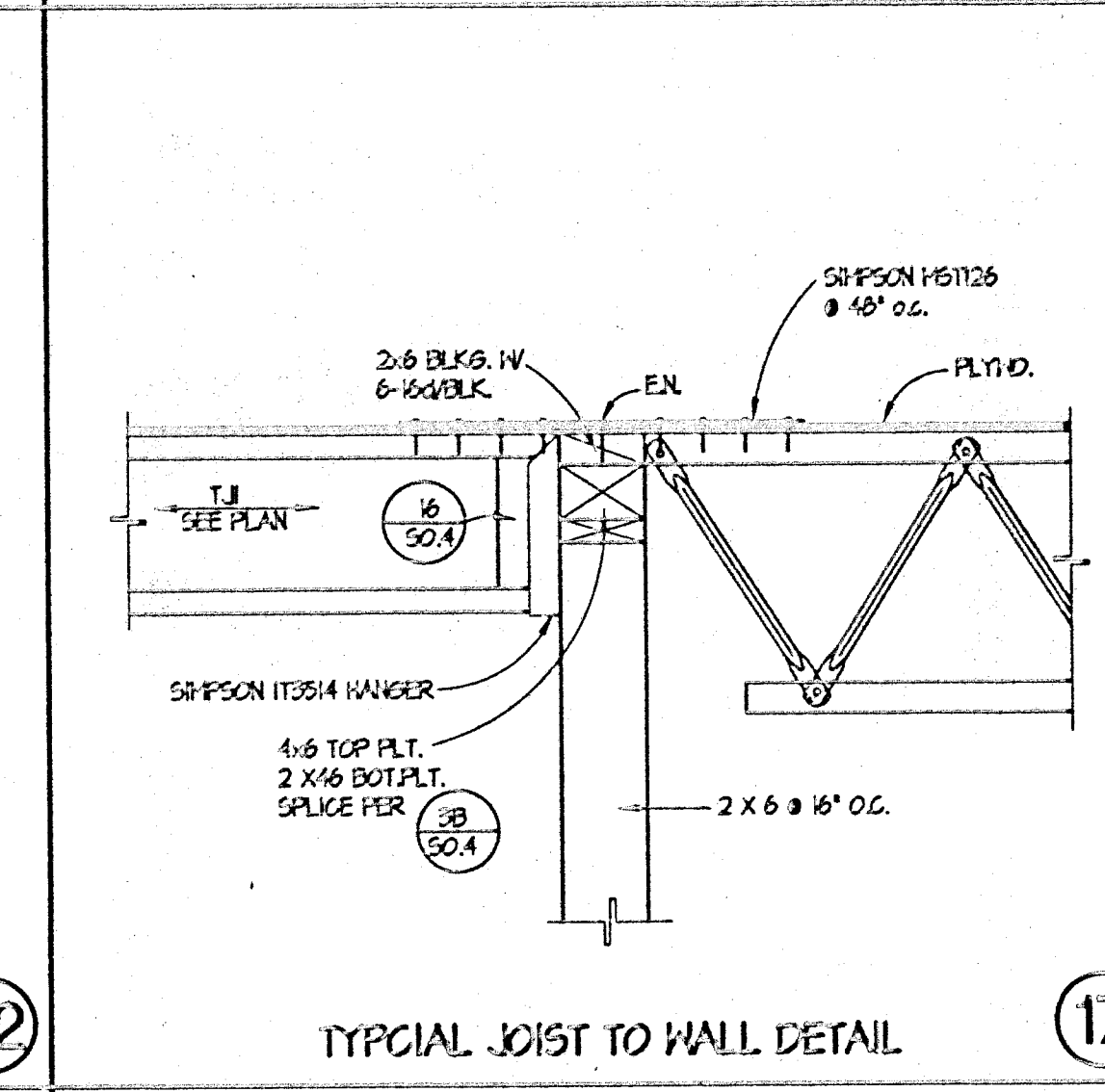
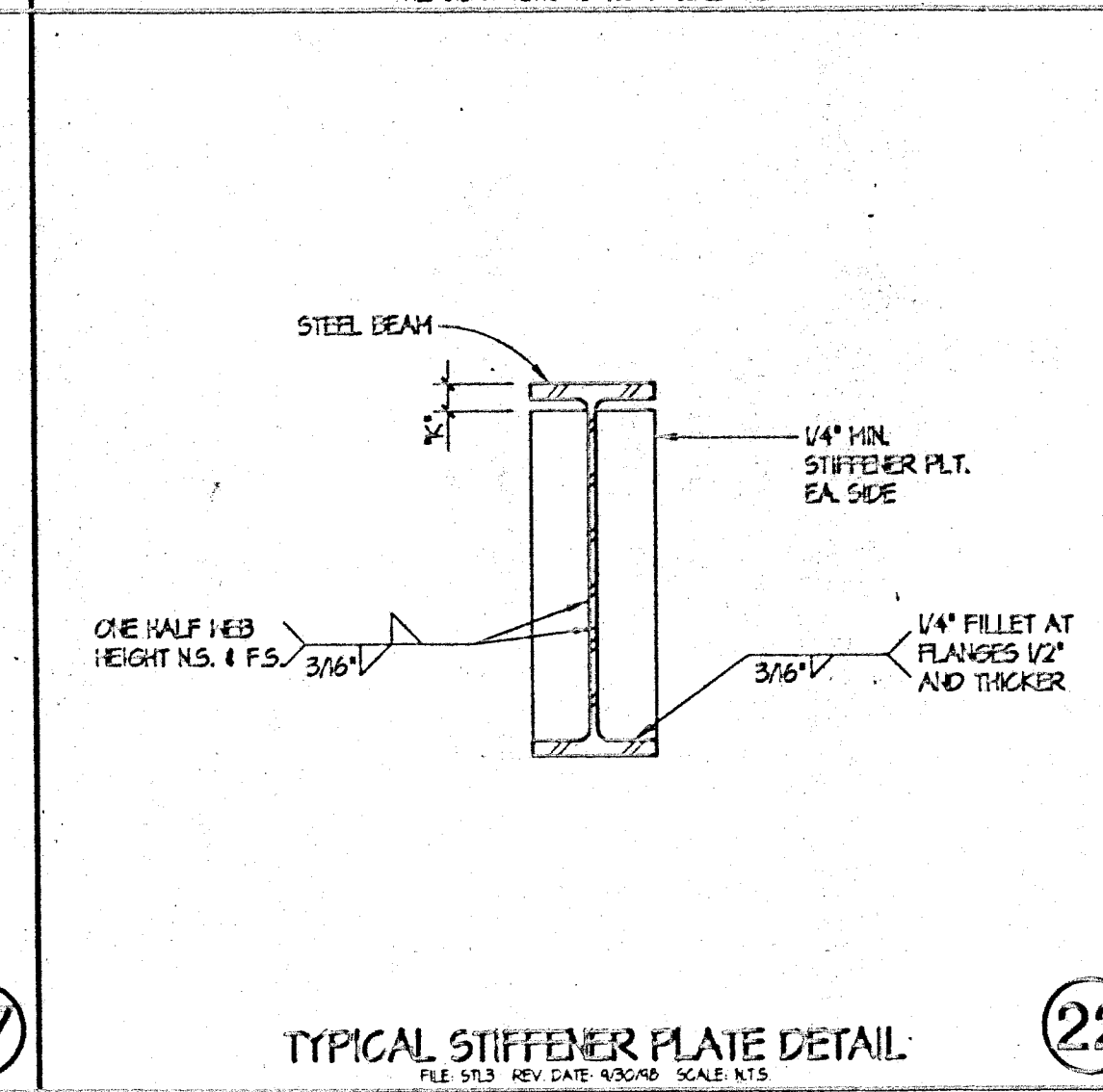
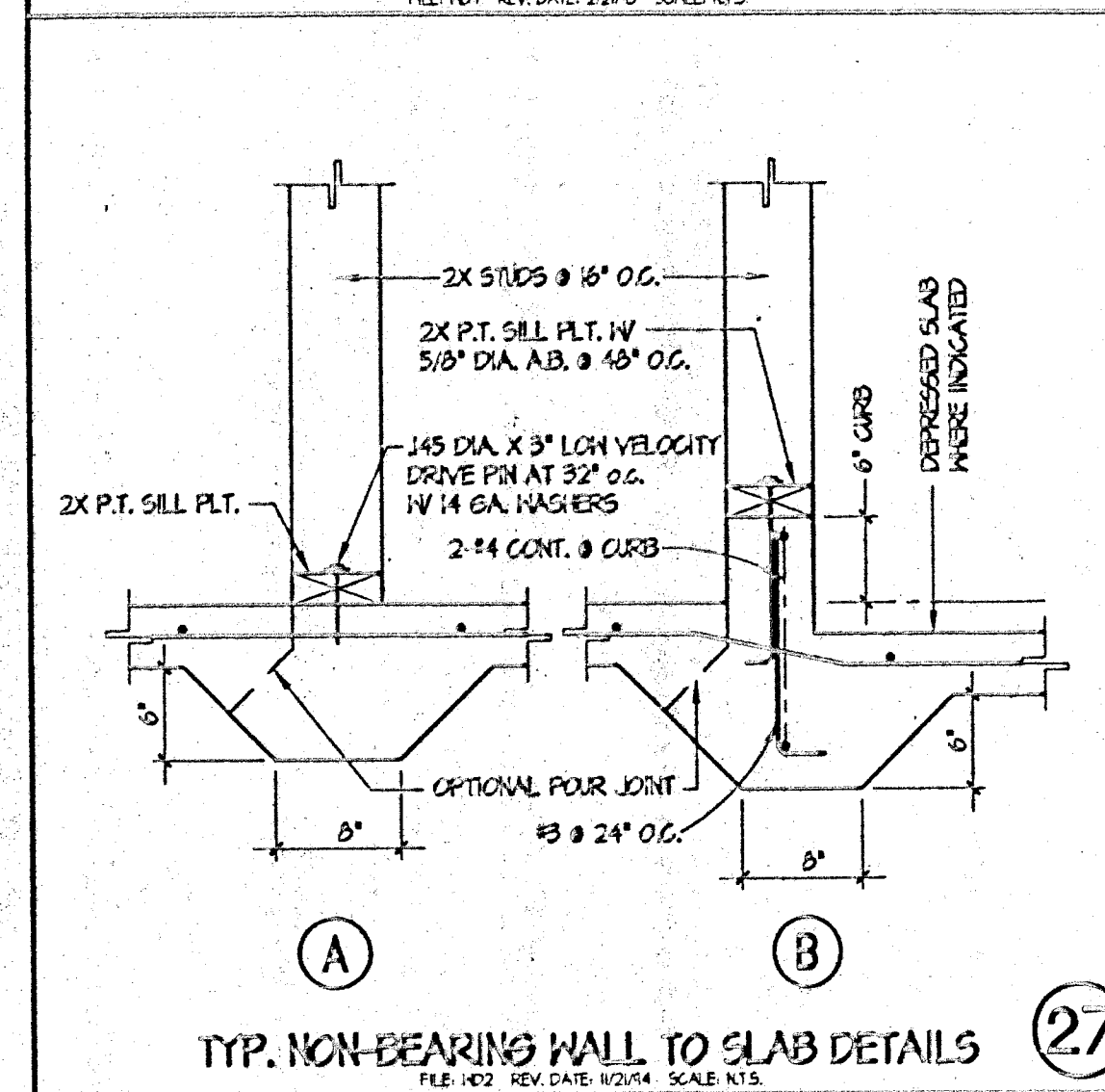
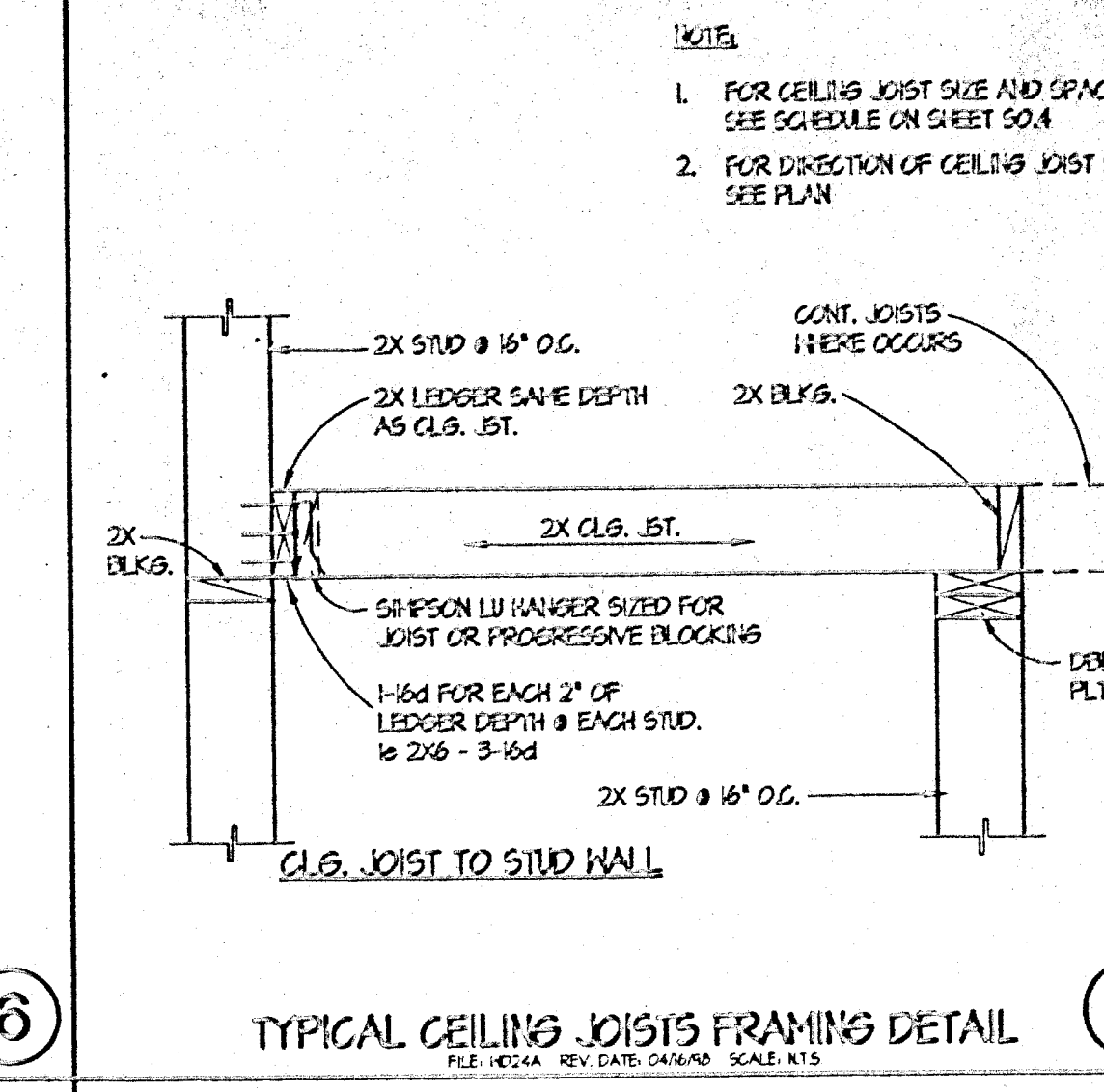
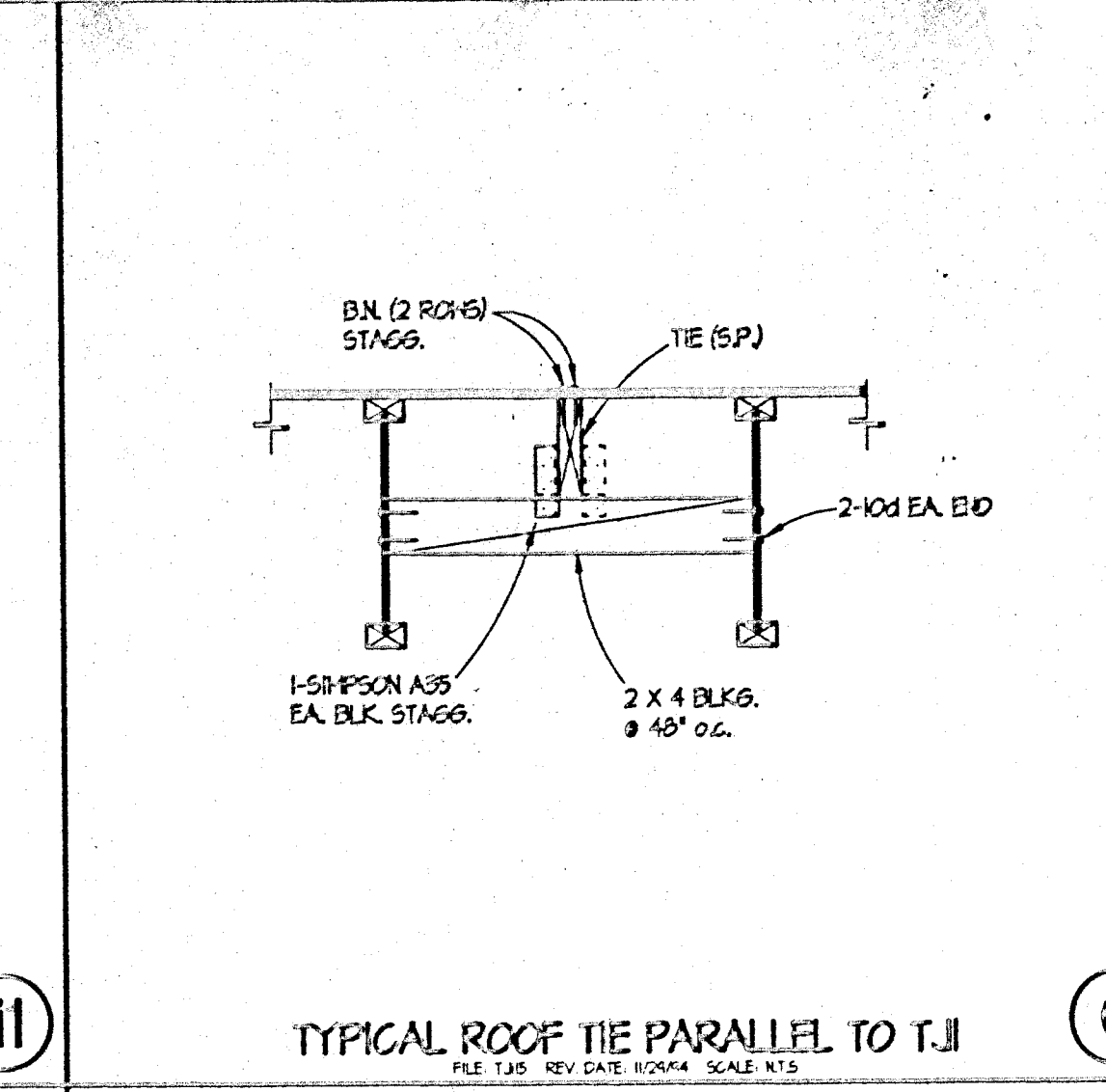
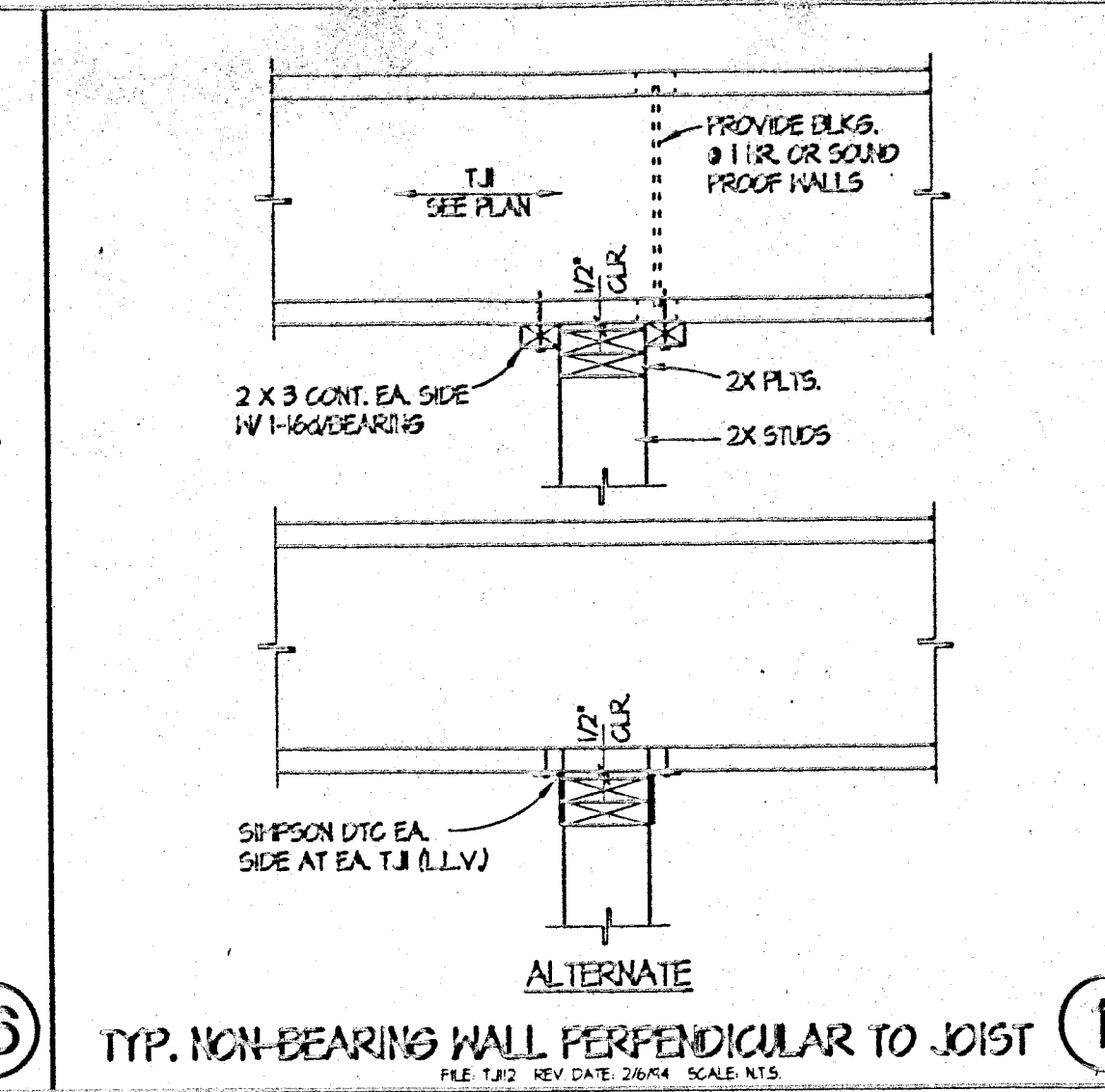
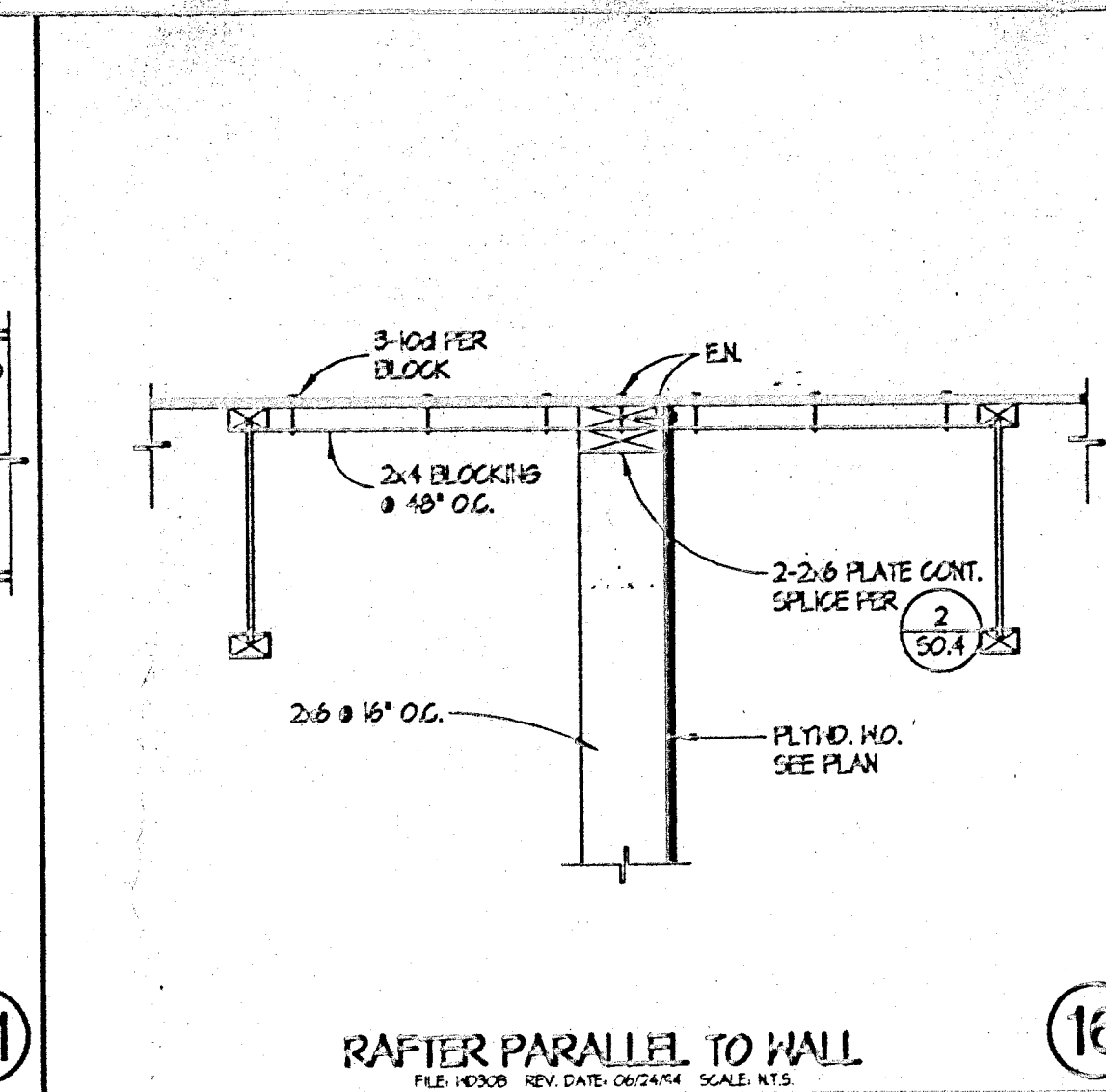
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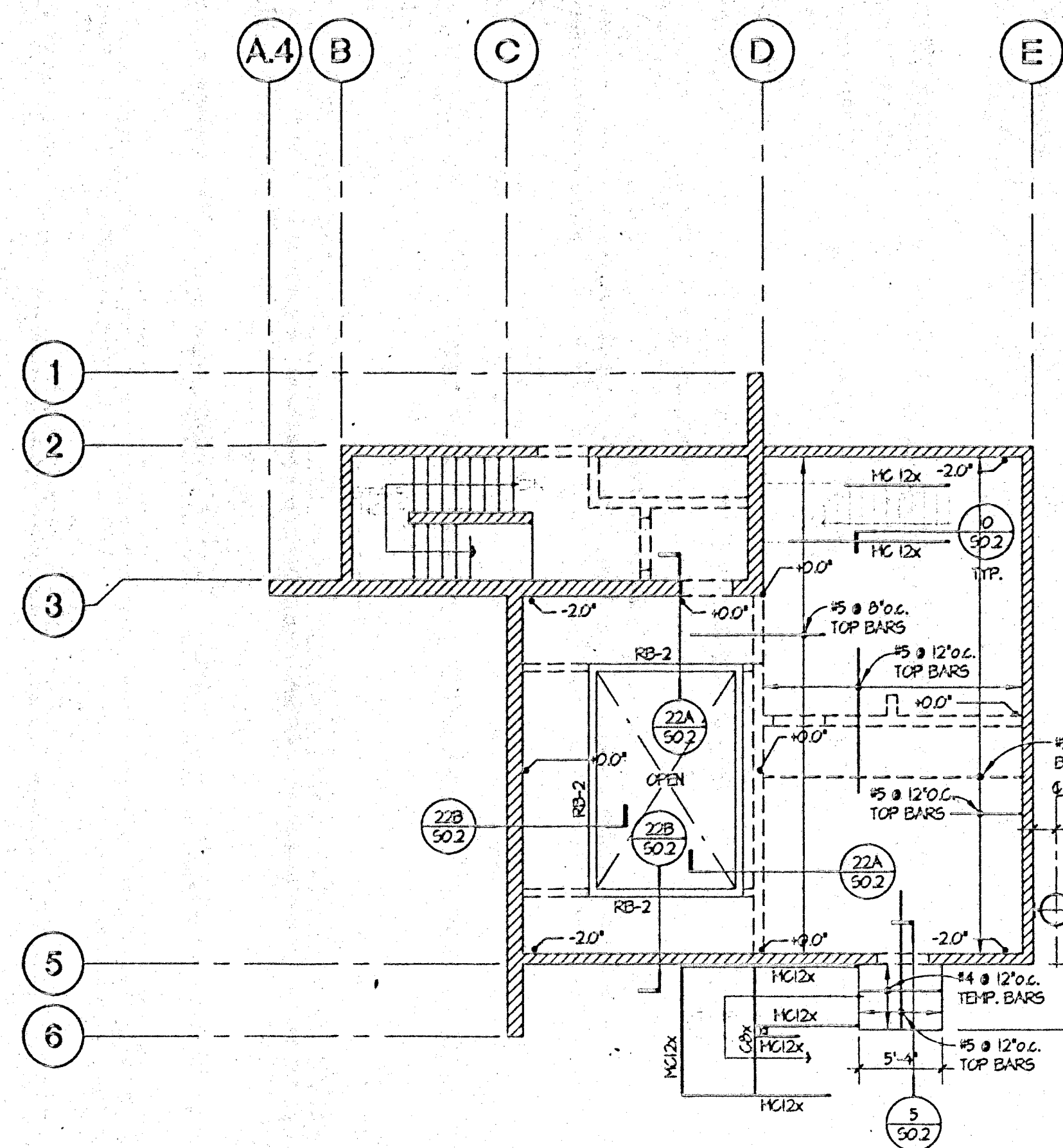


WFL SIZE	NO. OF BOLTS EACH GAUGE	PLATE THICK
W8, C8	2	3/8"
W10, C10	2	3/8"
W12, C12	2	3/8"
W14, C14	3	1/2"
W16, C16	4	1/2"
W18, C18	4	1/2"
W21, C21	5	1/2"
W24, C24	6	5/8"
W27, C27	6	5/8"
W30, C30	7	5/8"
W36, C36	8	5/8"

NOTE:
1/8" Ø HEB. MAY BE USED FOR NO. 10, C10 BEAMS AND SMALLER.

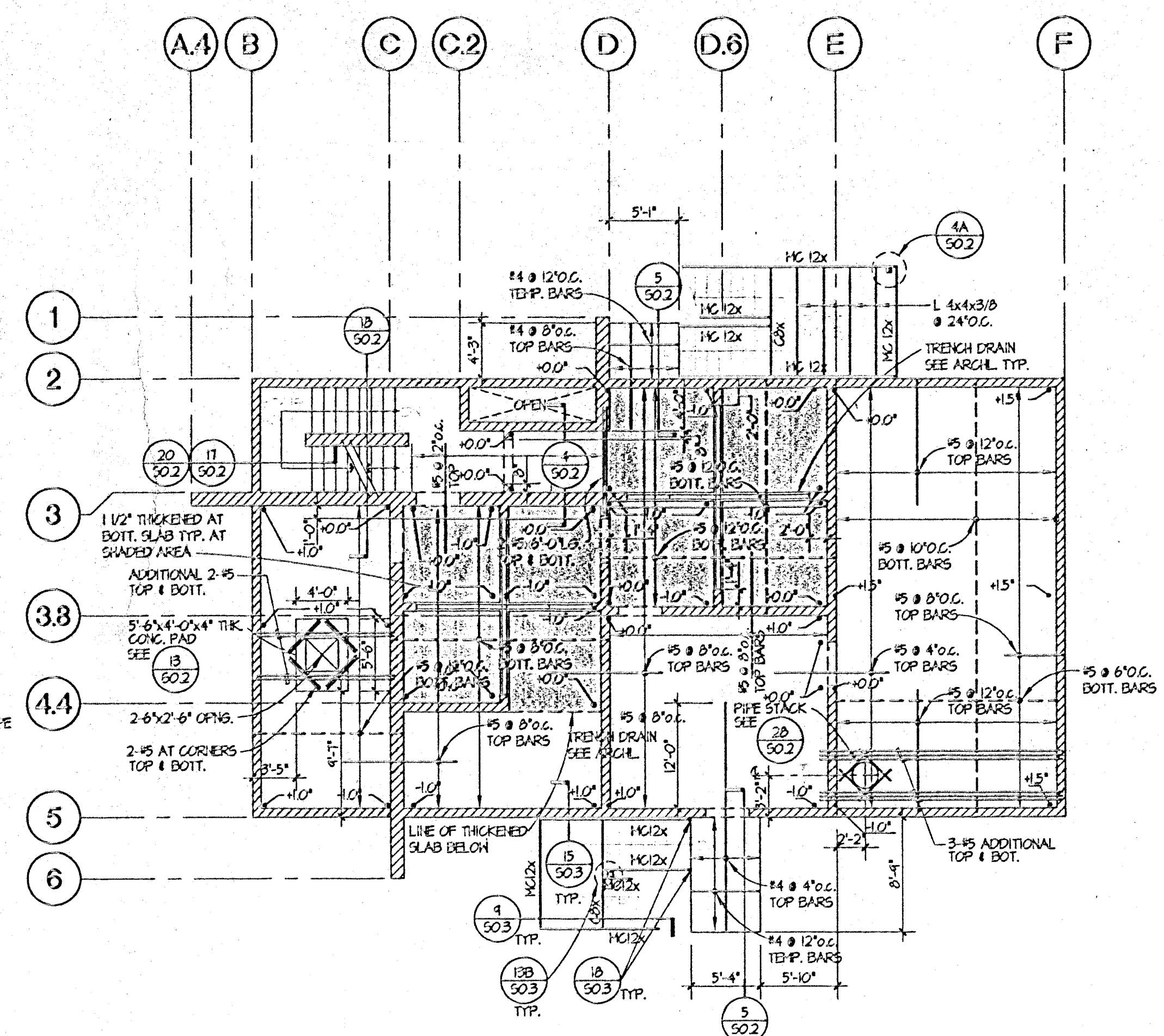
TYPICAL BEAM TO BEAM CONNECTION DETAIL





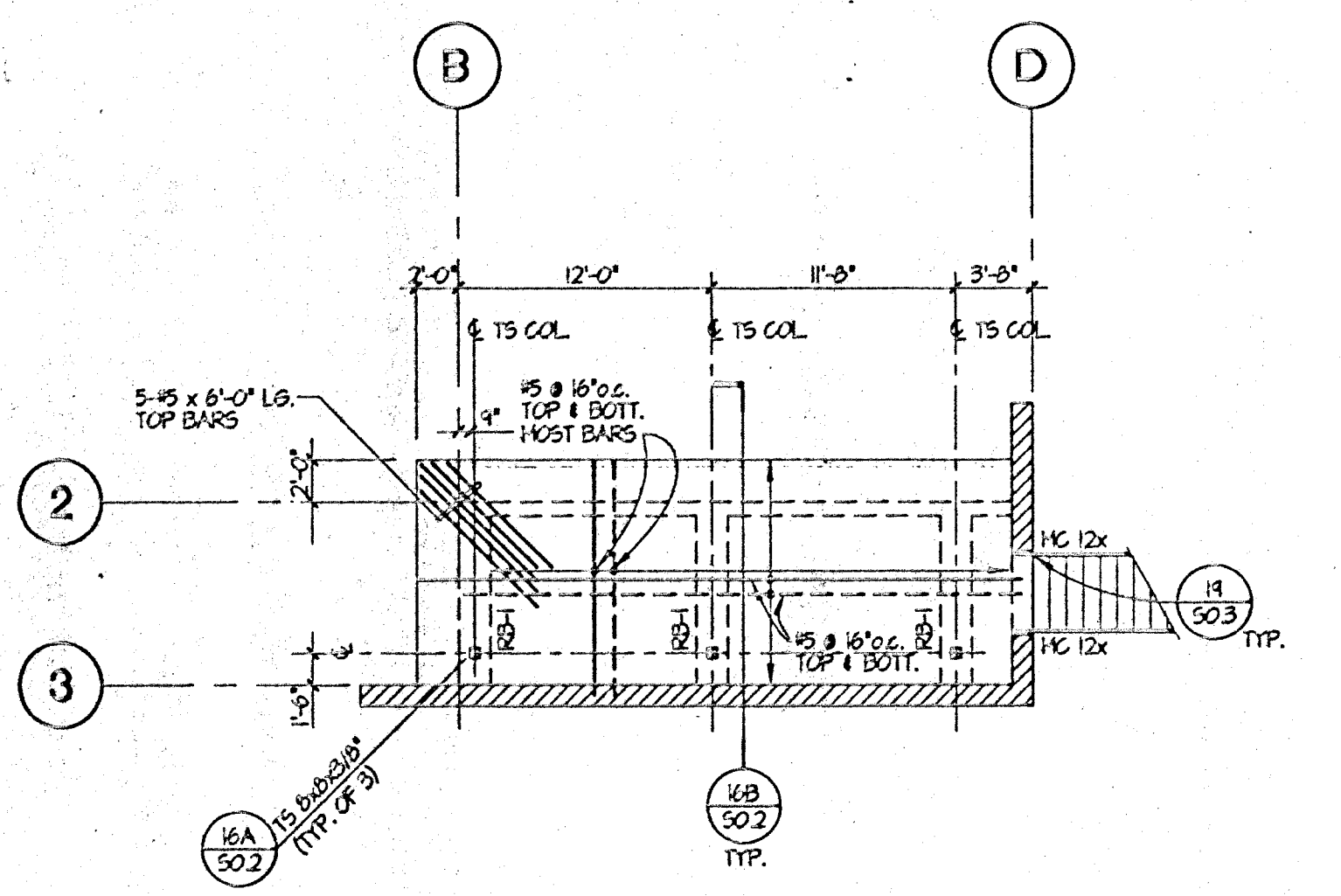
NOTES: (TOP OF CONCRETE SLAB ELEVATION = +28'-0")
A. TYPICAL CONCRETE FLOOR SLAB 8" THICK, TYPICAL THROUGHOUT UNLESS NOTED OTHERWISE.
B. SEE FRAMING NOTES ON FIRST FLOOR FRAMING PLAN.

FOURTH FLOOR PLAN
SCALE: 1/8"=1'-0"



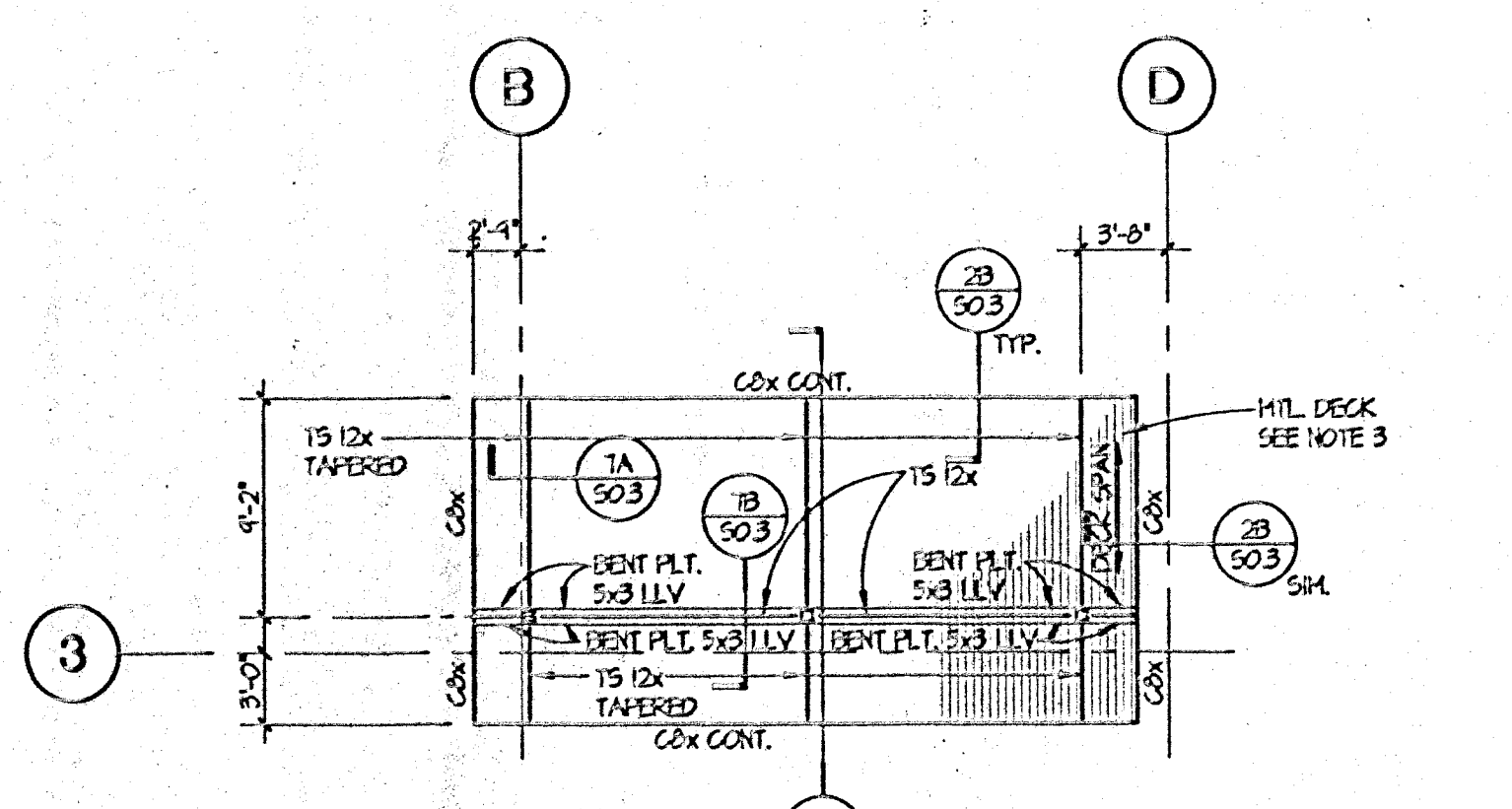
NOTES: (TOP OF CONCRETE SLAB ELEVATION = +4'-4")
A. TYPICAL CONCRETE FLOOR SLAB 8" THICK, TYPICAL THROUGHOUT UNLESS NOTED OTHERWISE.
B. SEE FRAMING NOTES ON FIRST FLOOR FRAMING PLAN.

SECOND FLOOR FRAMING PLAN
SCALE: 1/8"=1'-0"



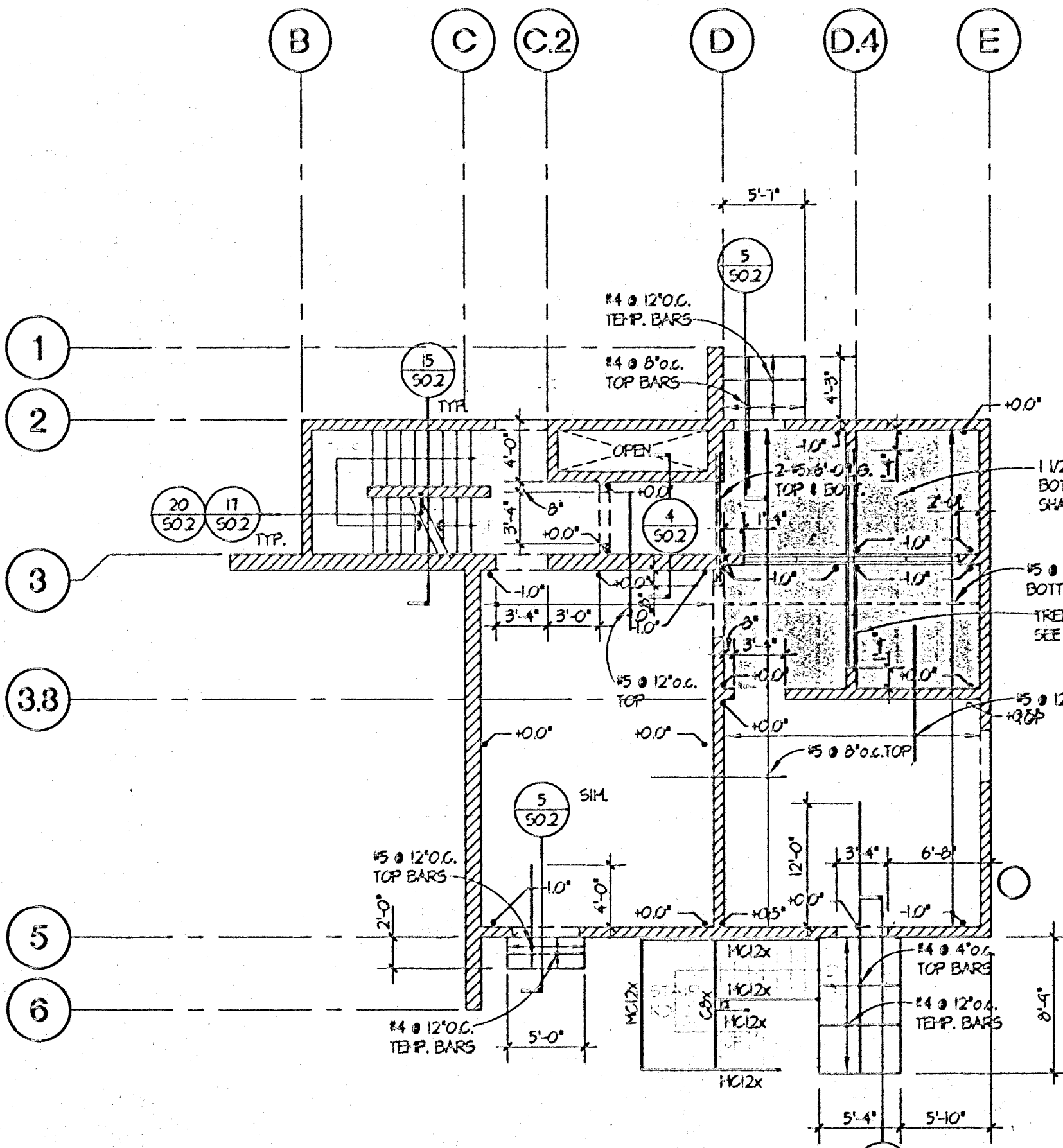
NOTES: (TOP OF CONCRETE SLAB ELEVATION = +31'-4")
A. TYPICAL CONCRETE FLOOR SLAB 8" THICK, TYPICAL THROUGHOUT UNLESS NOTED OTHERWISE.

FIFTH FLOOR FRAMING PLAN
SCALE: 1/8"=1'-0"



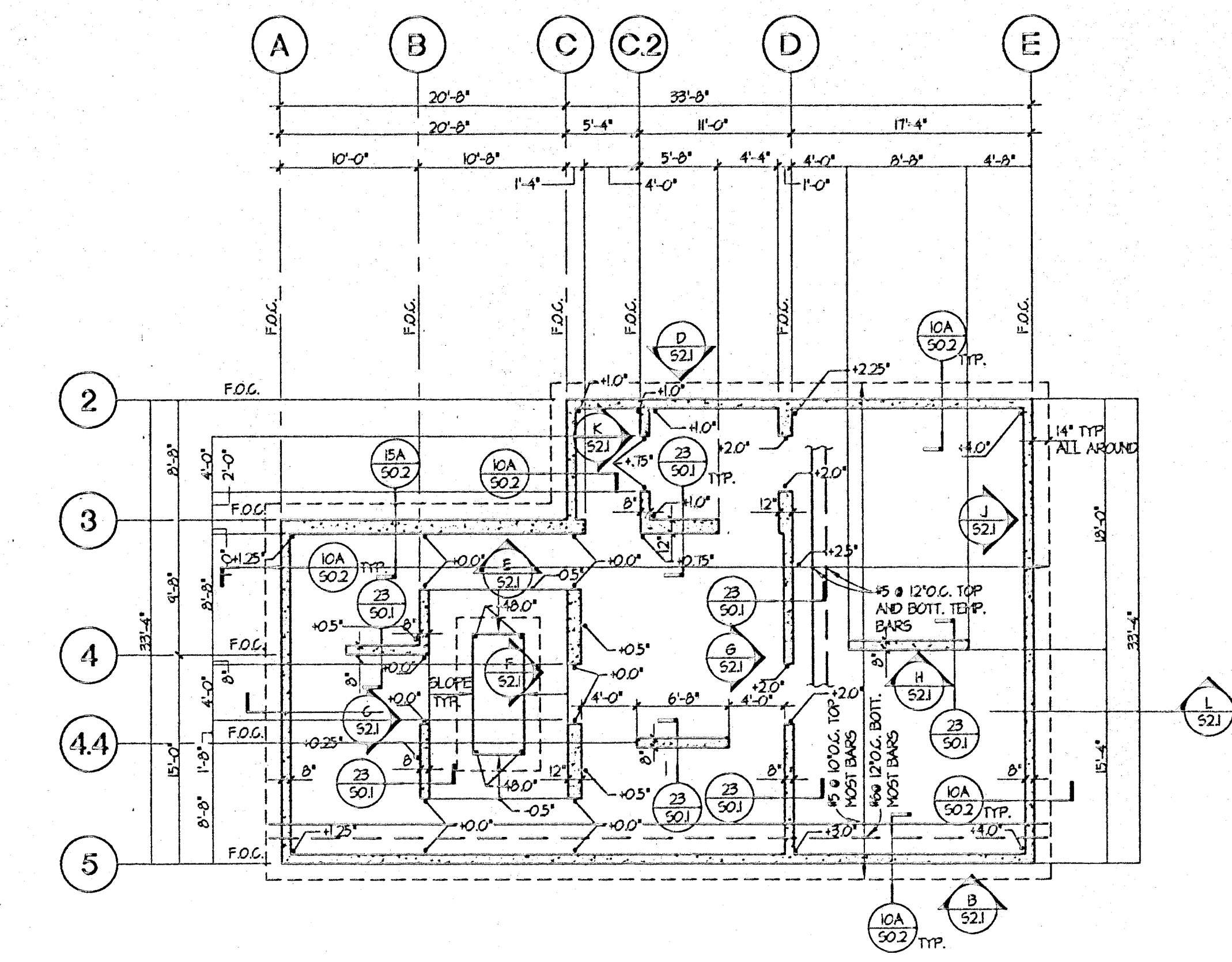
NOTES: (T.O.S. VARIOUS)
1. ALL COX ARE COMBIS, UNLESS NOTED OTHERWISE.
2. ALL 15 1/2" X 15 1/2" ARE 15 1/2" X 15 1/2" UNLESS NOTED OTHERWISE.
3. DECK SHALL BE 3" X 20 GA. 15 1/2" X 24" W/ 24" X 15 1/2" PLYWOOD FIELD @ 12" O.C. AT SUPPORTS PARALLEL TO CORRUGATION AND AT EACH LONG FLUTE PERPENDICULAR TO CORRUGATIONS. BOTTOM PLATE @ 24" O.C., SEE 23-503.
4. PROVIDE ALL DECK FIELDS AT ROOF LEVELS.

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



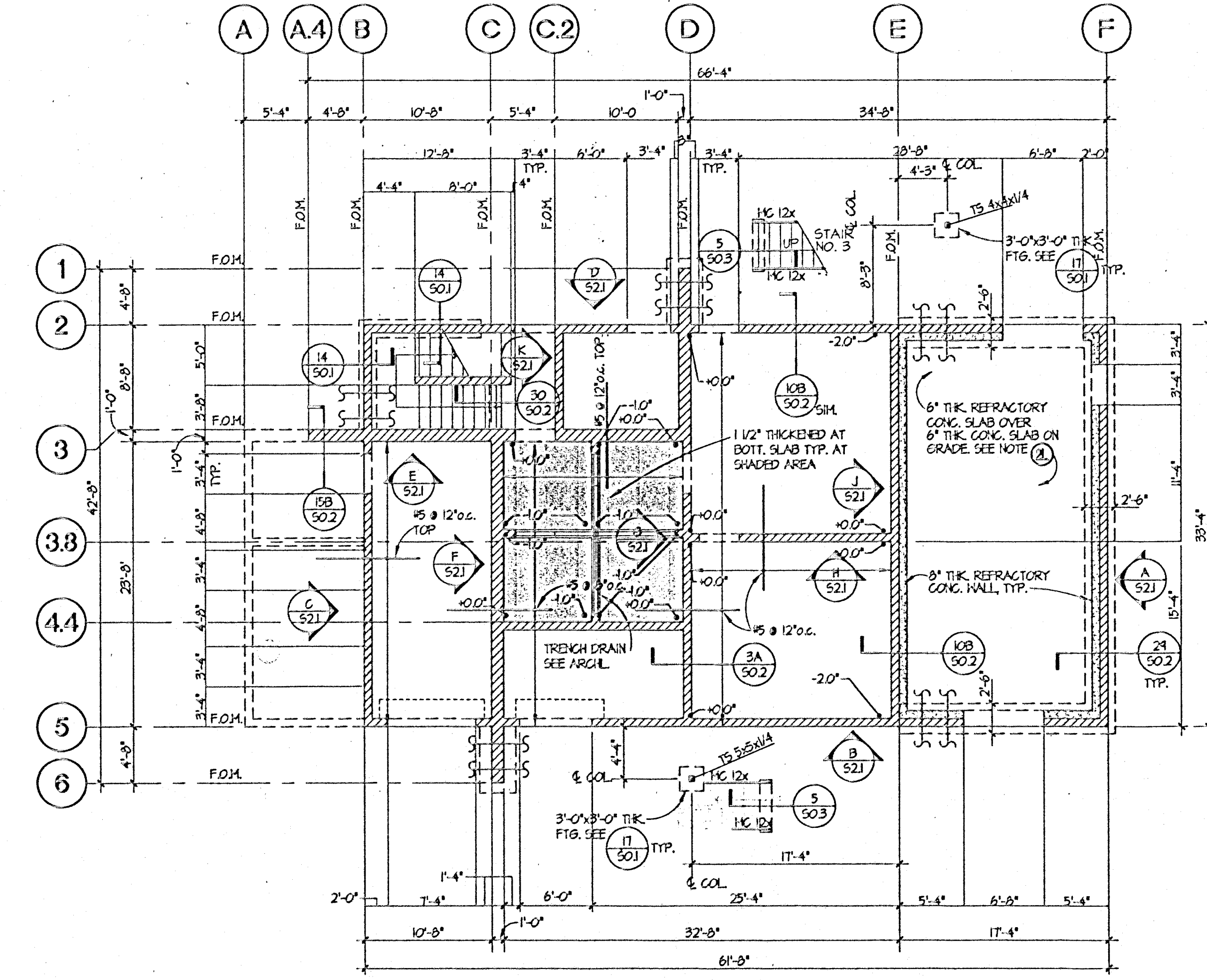
NOTES: (TOP OF CONCRETE SLAB ELEVATION = +18'-8")
A. TYPICAL CONCRETE FLOOR SLAB 8" THICK, TYPICAL THROUGHOUT UNLESS NOTED OTHERWISE.
B. SEE FRAMING NOTES ON FIRST FLOOR FRAMING PLAN.

THIRD FLOOR FRAMING PLAN
SCALE: 1/8"=1'-0"



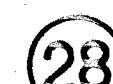
NOTES: (TOP OF CONCRETE SLAB ELEVATION = +10'-4")
A. TYPICAL MAT SLAB ON GRADE THROUGHOUT INTERIOR BUILDING.
14" THK. ON 2" CLEAN SAND ON 2" SAND. COMPACTED FILL (SEE SPECS).
B. FOR ALL DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.

CISTERN LEVEL FOUNDATION PLAN
SCALE: 1/8"=1'-0"



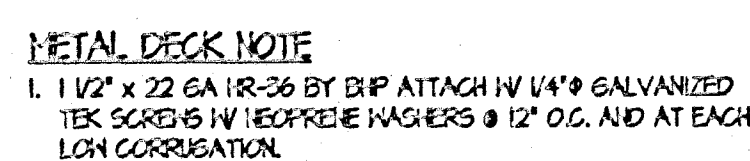
FLOOR FRAMING AND FOUNDATION NOTES: (TOP OF CONCRETE SLAB ELEVATION = +0'-0")
A. TYPICAL CONCRETE FLOOR SLAB 8" THICK, TYPICAL THROUGHOUT UNLESS NOTED OTHERWISE.
B. PROVIDE 15 1/2" X 15 1/2" TOP & BOTTOM EACH DIRECTION FOR 8" THK. FLOOR SLAB, UNLESS NOTED OTHERWISE ON PLANS.
C. BOIT. BARS AT NORTH - SOUTH DIRECTION BELOW UNDO.
D. BOIT. BARS AT EAST - WEST DIRECTION ABOVE UNDO.
E. TOP BARS AT NORTH - SOUTH DIRECTION ABOVE UNDO.
F. TOP BARS AT EAST - WEST DIRECTION BELOW UNDO.
G. SEE DETAIL 1503 FOR TYPICAL FLOOR SLAB REINFORCING DIAGRAM.
H. ALL 15 1/2" X 15 1/2" ARE 15 1/2" X 15 1/2" UNLESS NOTED OTHERWISE.
I. ALL COX ARE COMBIS UNLESS NOTED OTHERWISE.
J. 5-5 INDICATES STEPPED FOOTING, SEE DETAIL 2501.
K. FOR ALL DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.
L. 6" THK. REFRACTORY CONC. SLAB OVER 6" THK. CONC. SLAB ON GRADE.
14" X 14" X 4" HIRE ESH AT MID SLAB OVER 2" CLEAN SAND ON VAPOR BARRIER ON 2" SAND. COMPACTED FILL (SEE SPECS), SEE 23-503.

FIRST FLOOR FRAMING AND FOUNDATION PLAN
SCALE: 1/8"=1'-0"



STORAGE AREA FOUNDATION PLAN

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



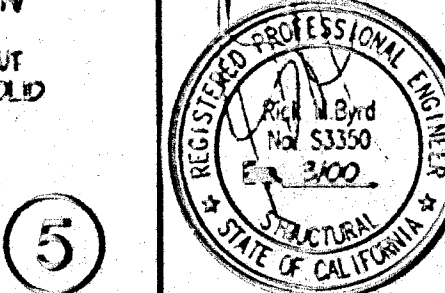
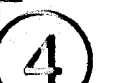
SHADE STRUCTURE

SCALE: V8" = 1'-0"



COVERED STRUCTURE

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



City of San Marcos
Emergency Services Training Facility
Santar Place
San Marcos, Ca 92069

CONSULTANT
R. M. BIRD AND ASSOCIATES, INC.
Consulting Structural Engineers
507 N. BROADWAY
ONTARIO, CA 91764
(909) 388-5000 FAX (909) 388-1155
JOB NO. 10-11

NOTICE IS HEREBY GIVEN that, pursuant to the San Marcos City Charter and the San Marcos Municipal Code, payment of prevailing wages and compliance with the California Labor Code Sections 1770 et seq. is not required for this project.

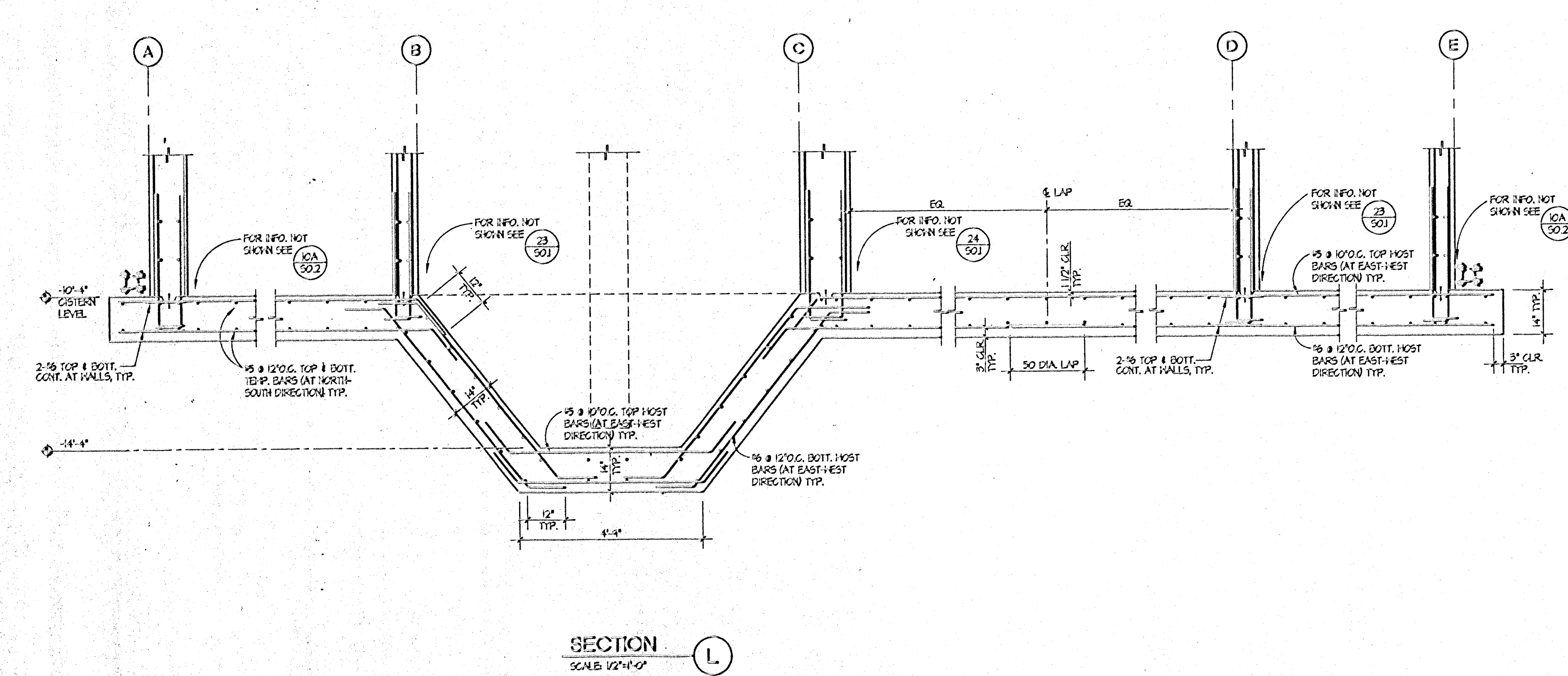
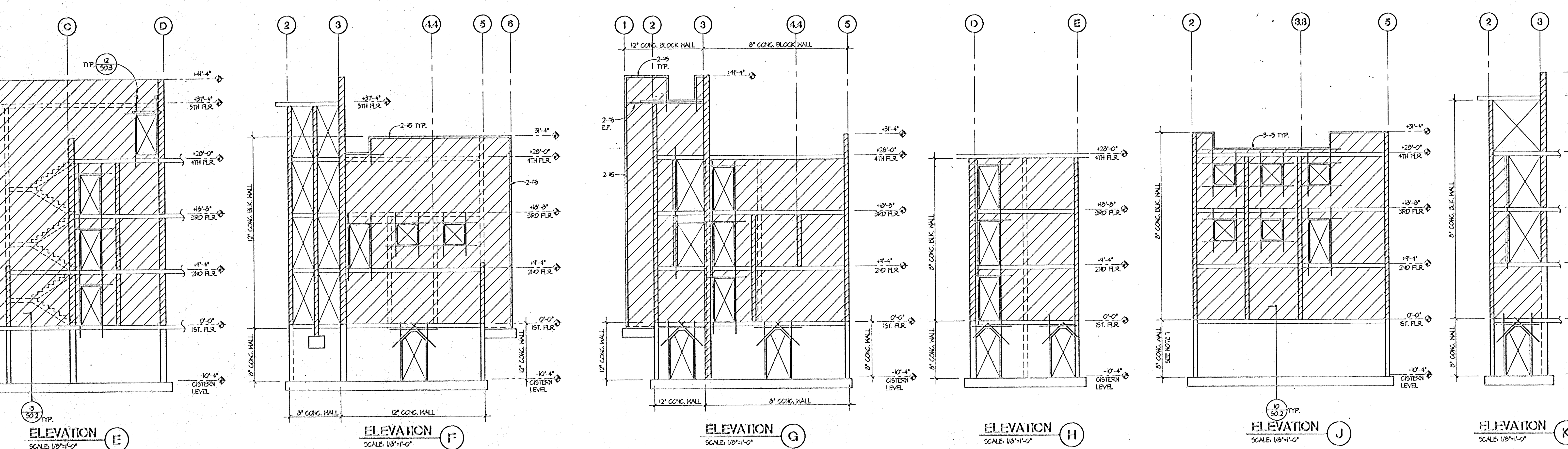
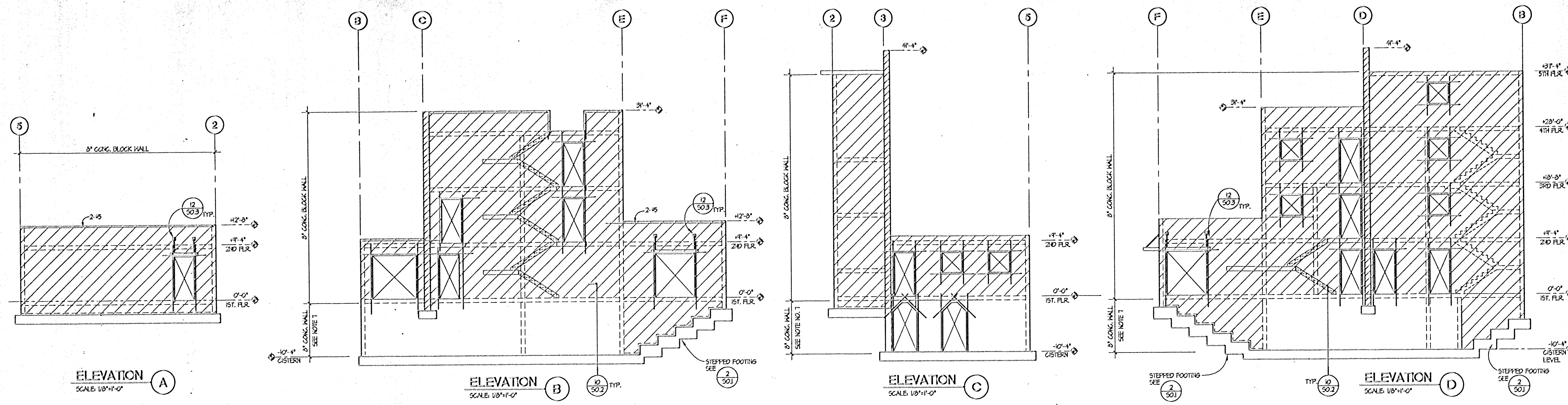
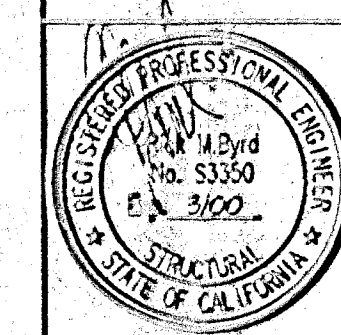
APPROVED

APPROVED
LARRY WOLFF
C-9784
1/18/2000
STATE OF CALIFORNIA

NO.	DATE	BY	REMARKS

WALL ELEVATIONS

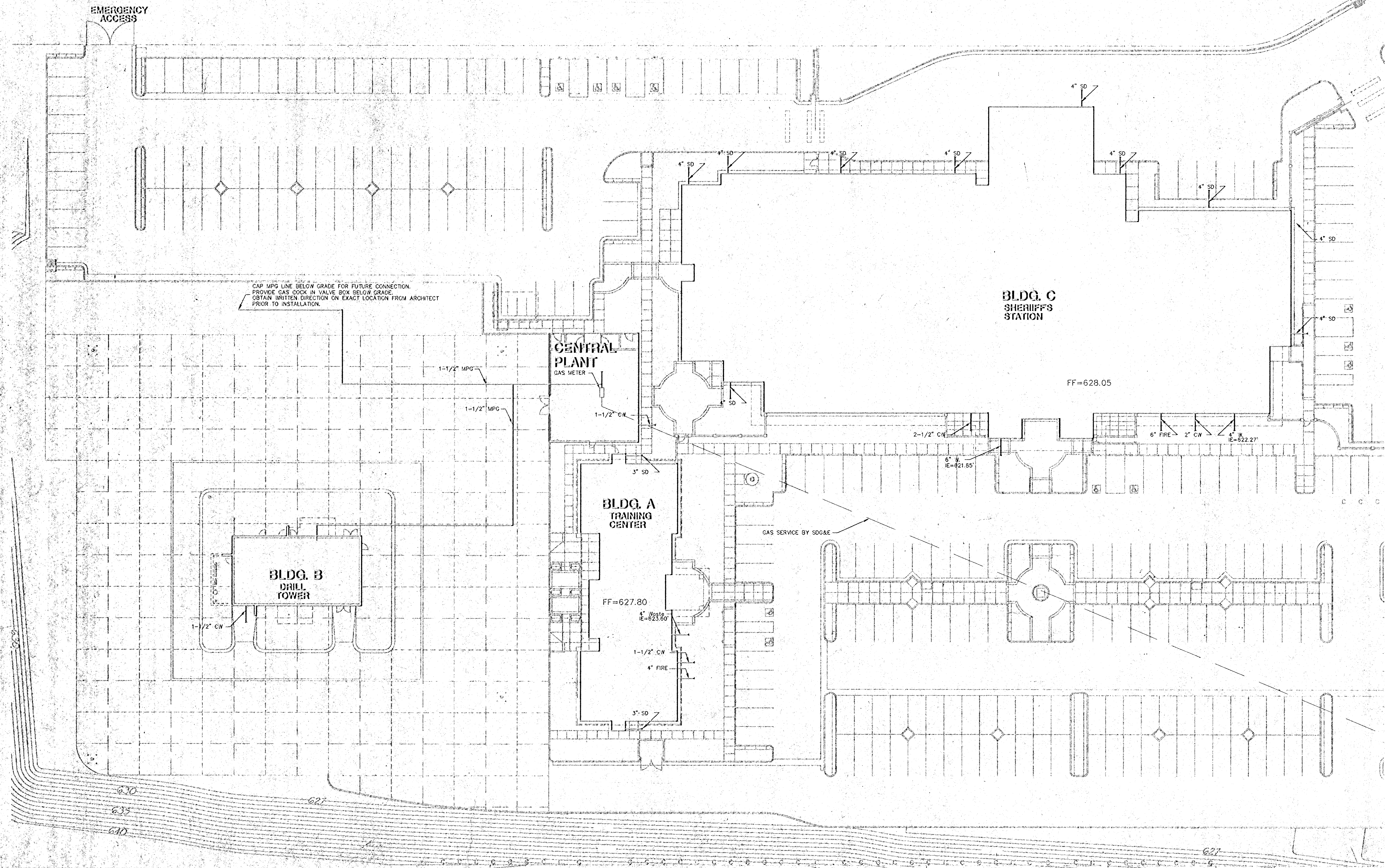
DRAWN D.B.
CHECKED R.B.
DATE JANUARY 2000
SCALE AS NOTED
JOB NO. 10-113 OF -



- NOTES**
- SEE TYPICAL OPENING REINFORCED DETAIL FOR ALL DOORS, WINDOWS AND DUCT OPENINGS IN MASONRY WALLS.
 - SEE TYPICAL MASONRY WALL REINFORCING DETAIL.
 - ALL 8" CONCRETE BLOCK WALLS SHALL BE REINFORCED W/ 12" O.C. VERT. & 24" O.C. HORIZ. UNLESS NOTED OTHERWISE ON ELEVATIONS.
 - ALL 12" CONCRETE BLOCK WALLS SHALL BE REINFORCED W/ 12" O.C. VERT. & 24" O.C. HORIZ. UNLESS NOTED OTHERWISE ON ELEVATIONS.
 - ALL 8" CONCRETE BLOCK WALLS SHALL BE REINFORCED W/ 12" O.C. VERT. & 24" O.C. HORIZ. UNLESS NOTED OTHERWISE ON ELEVATIONS.
 - ALL 12" CONCRETE BLOCK WALLS SHALL BE REINFORCED W/ 12" O.C. VERT. & 24" O.C. HORIZ. UNLESS NOTED OTHERWISE ON ELEVATIONS.
 - 2'-0" MAX. LIFT REINFORCEMENTS AND TECHNICALLY CONSOLIDATE ALL GROUT.

GAS METER & SERVICE LINE PROVIDED BY
 SDG&E. GAS CO. GAS LOAD AT 1" W.C.
 (LOW PRESSURE) & TOTAL DEVELOPED LENGTH
 300 FEET, INSIDE & OUTSIDE BUILDING.

SPACE HEATING	= 4,320 CFH
WATER HEATING	= 500 CFH
FUTURE DRILL TOWER	= 8,000 CFH
TOTAL	= 12,820 CFH



PLUMBING SITE PLAN

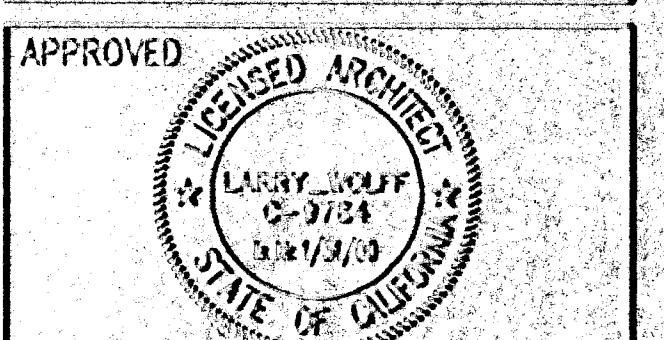
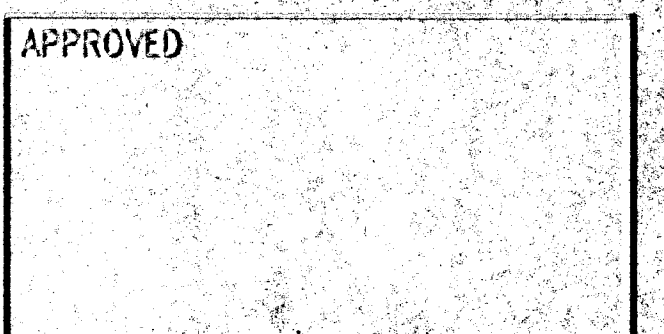
1"=30'-0"



Virginia Dana Foxer
 10470 Foothill Blvd
 Rancho Cucamonga
 California 91730-3754
 tel: 909 937 0309
 fax: 909 930 9330

City of San Marcos
 Emergency Services Training Facility
 Sanwar Place
 San Marcos, Ca 92069

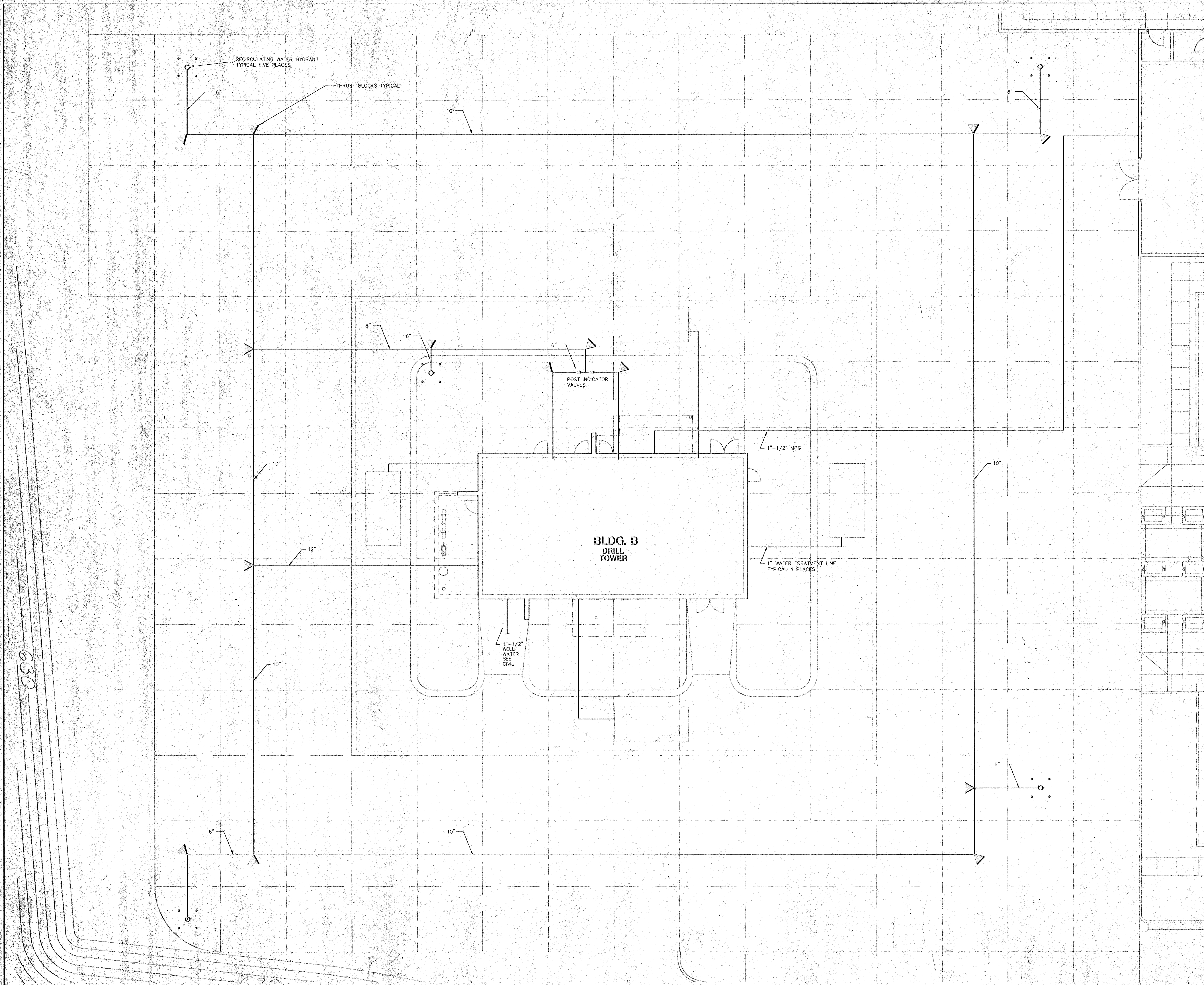
CONSULTANT
LEONARD ENGINEERING
 Jeffrey A. Leonard, P.E., Raymond W. Larson, P.E.
 Mechanical & Electrical Consulting Engineers
 818 North Mountain Ave., Suite 225, Upland, CA 91786
 PHONE (909) 281-3157 FAX (909) 210-4358
 JAL:LEO@leol.com



NO.	DATE	BY	REMARKS

PLUMBING
 SITE PLAN

DRAWN	ALJ
CHECKED	JAL
DATE	01/17/00
SCALE	AS NOTED
JOB NO.	98113



BLDG. 3 - PLUMBING SITE PLAN (DRILL TOWER)

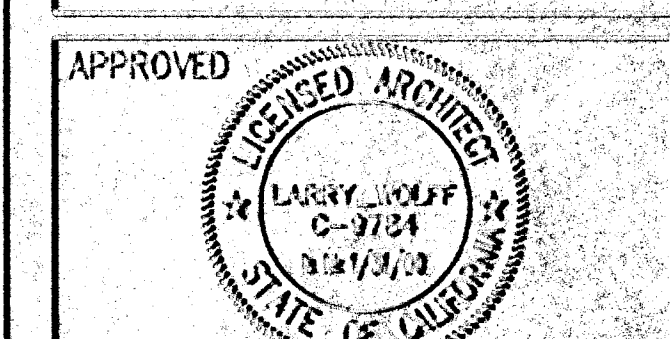
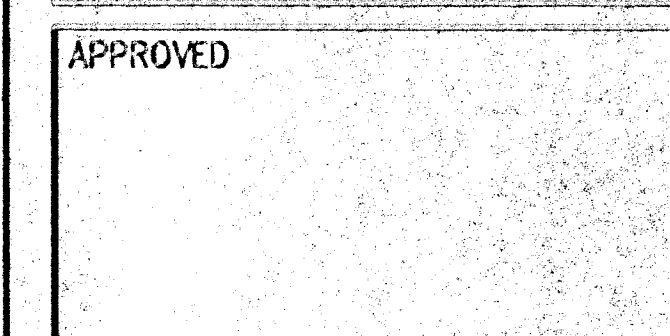
1/8" = 1'-0"



Virginia Dare Tower
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Rancho Cucamonga
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fax: 909 980 9930

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JALMEC@earthlink.net

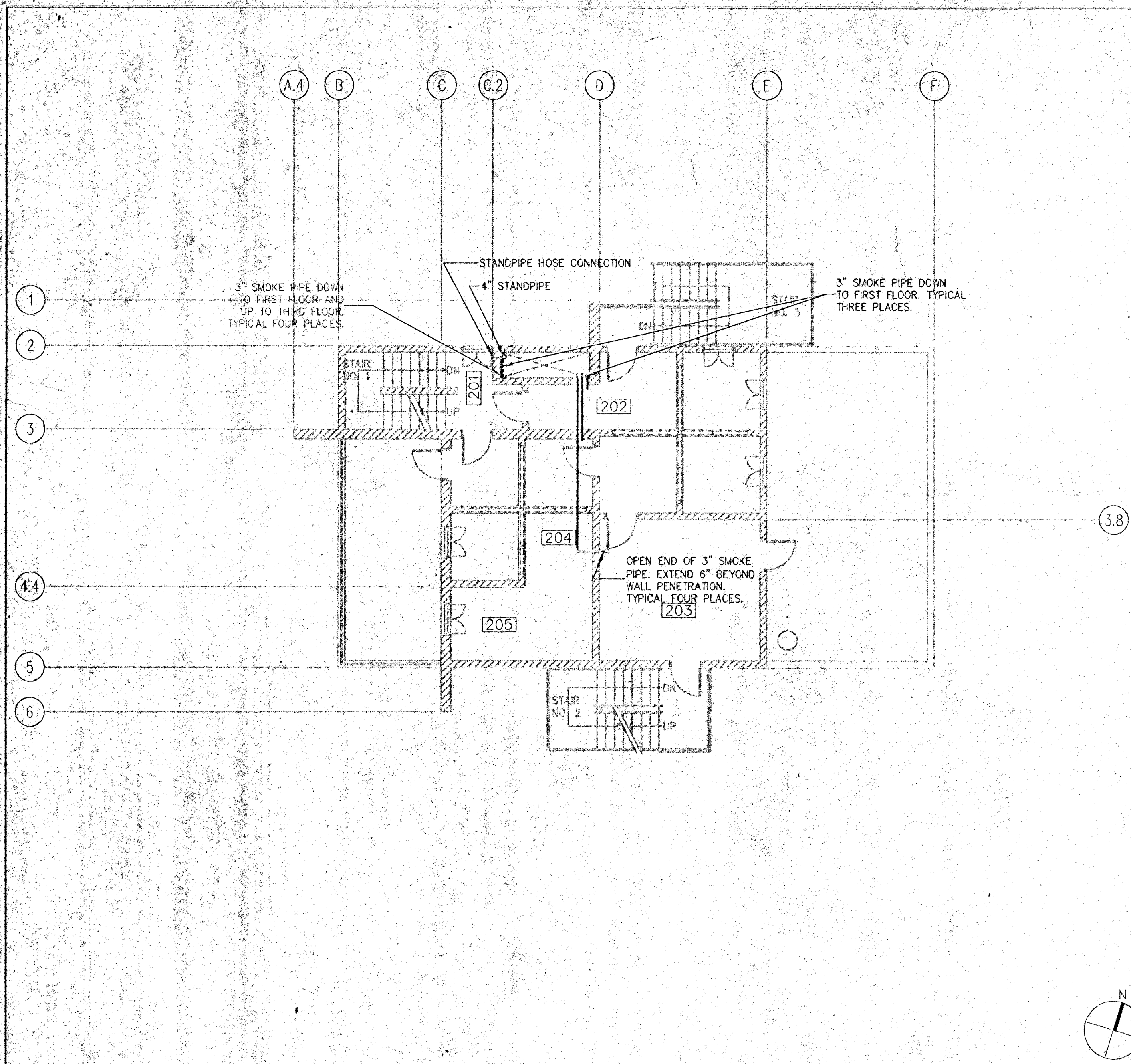


NO	DATE	BY	REMARKS

BLDG. 3 - PLUMBING
SITE PLAN
(DRILL TOWER)

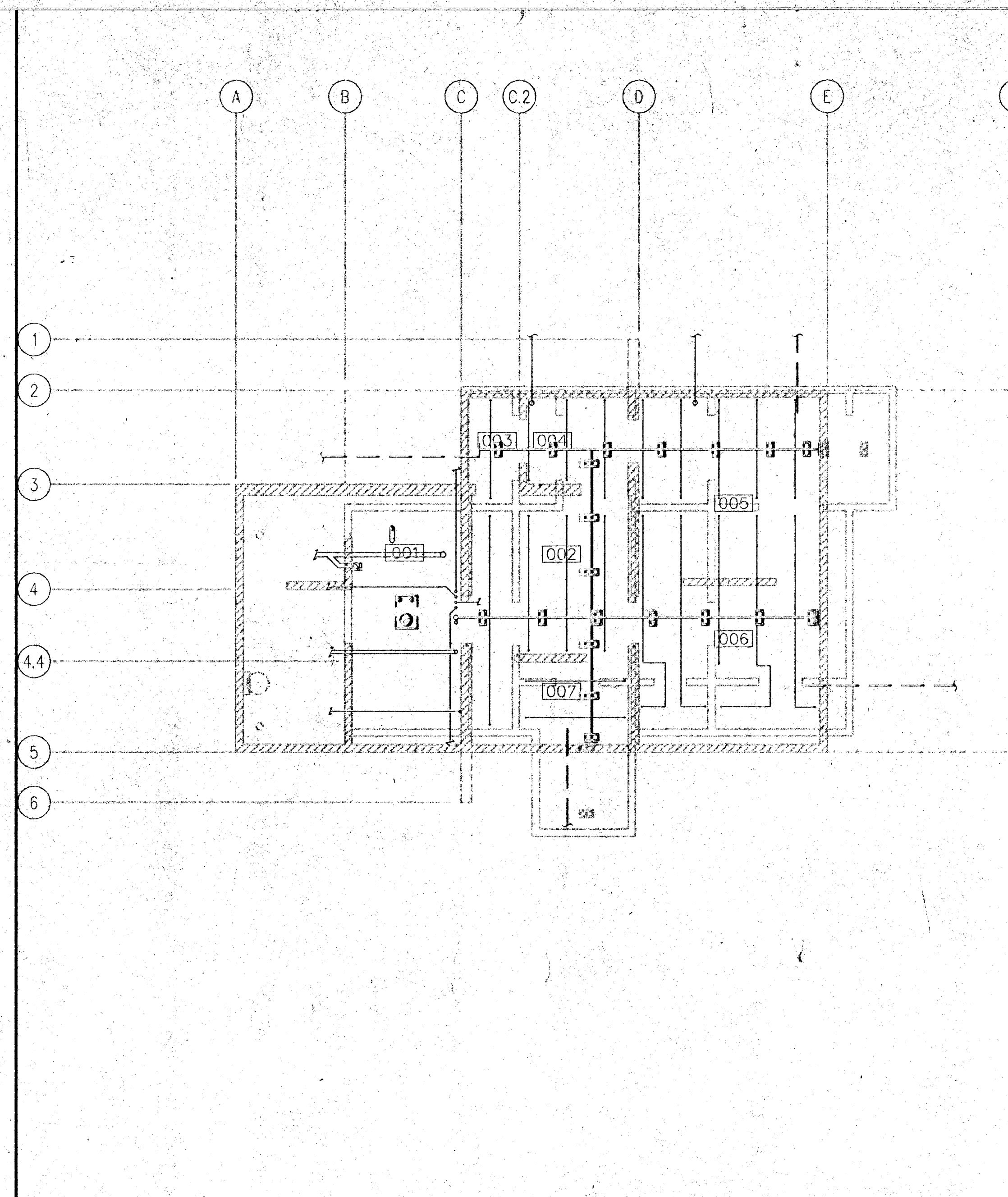
DRAWN ALJ
CHECKED JAL
DATE 01/17/00
SCALE AS NOTED
JOB NO. 93113

P2.0



SECOND FLOOR PLAN

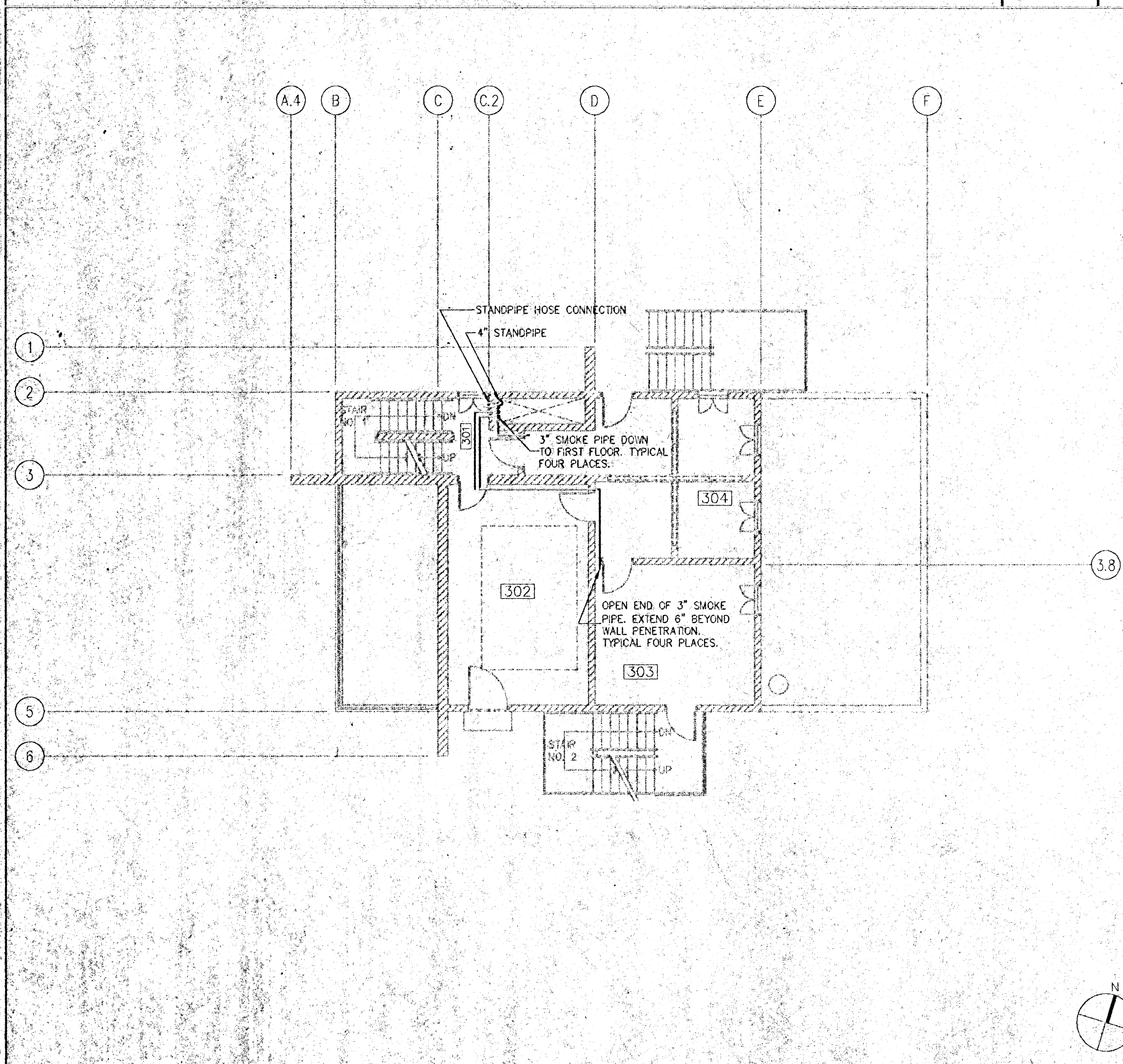
1/8"=1'-0" 3



CISTERN LEVEL PLAN

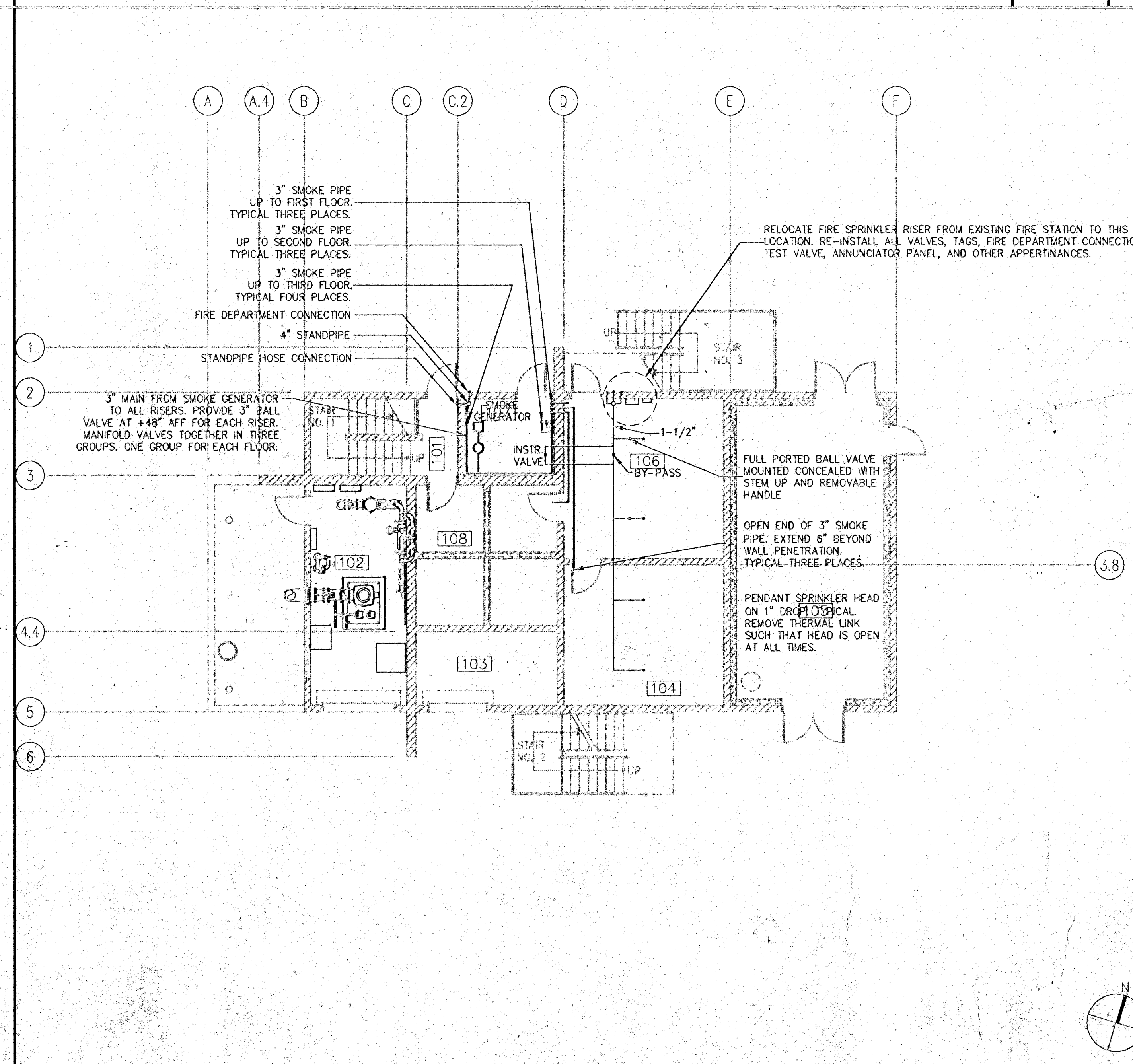
1/8"=1'-0" 1

WALL LEGEND



THIRD FLOOR PLAN

1/8"=1'-0" 1



FIRST FLOOR PLAN

1/8"=1'-0" 2

REFERENCE NOTES

001	CISTERN ROOM #1	
002	CISTERN ROOM #2	
003	CISTERN ROOM #3	
004	CISTERN ROOM #4	
005	CISTERN ROOM #5	
006	CISTERN ROOM #6	
007	CISTERN ROOM #7	
101	HALLWAY	
102	PUMP ROOM	
103	STORAGE ROOM	
104	ROOM	
105	FIRE BEHAVIOR ROOM	
106	ROOM	
107	CONTROL ROOM	
108	MAZE ROOM #1	
201	HALLWAY	
202	MAZE ROOM #2	
203	ROOM	
204	MAZE ROOM #3	
205	ROOM	
301	HALLWAY	
302	PROP ROOM	
303	ROOM	
304	MAZE ROOM #4	

ROOM LEGEND



Virginia Dard Tower
10470 Foothill Blvd
Rancho Cucamonga
California 91730-3754
tel: 909 937 0909
fax: 909 930 9980

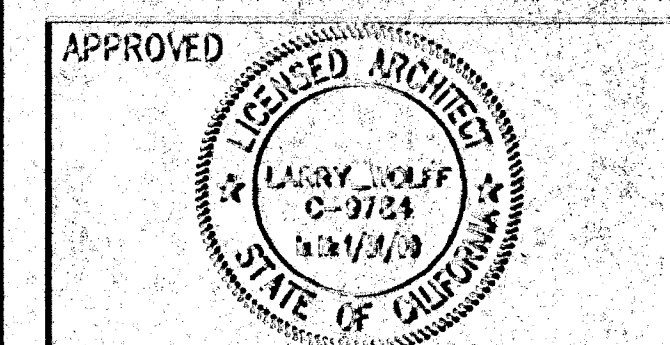
City of San Marcos
Emergency Services Training Facility

Sanar Place 92069
San Marcos, Ca

CONSULTANT
LEONARD ENGINEERING
Julius A. Leonard, P.E. Raymond W. Larson, P.E.
Mechanical & Electrical Consulting Engineers
8181 North Mountain Ave., Suite 225, Upland, CA 91786
PHONE (909) 981-3167 FAX (909) 940-4358
JAL/MEG/BJL/0001



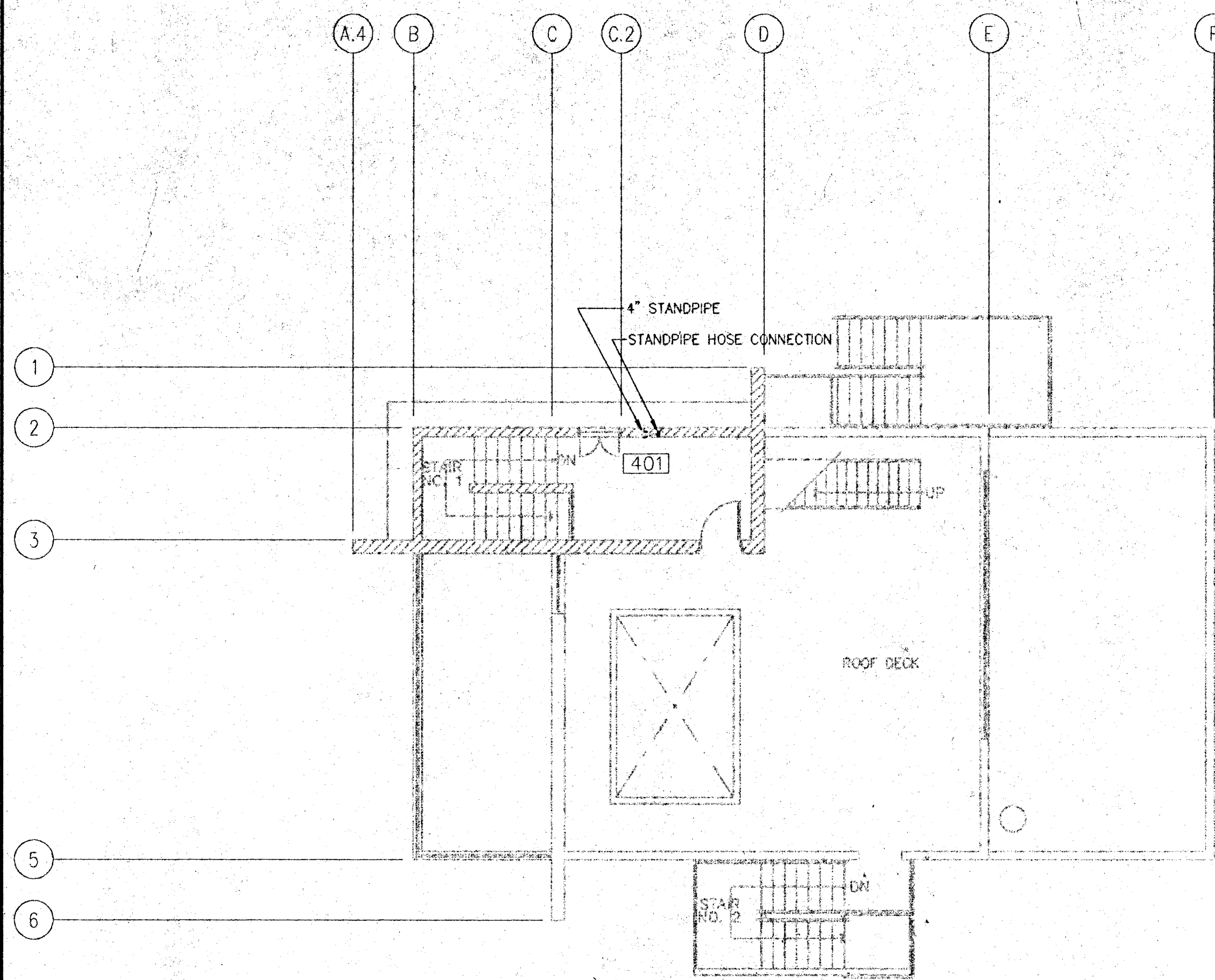
APPROVED



NO	DATE	BY	REMARKS

BLOCC. B - PLUMB
FLOOR PLANS
(DRILL TOWER)

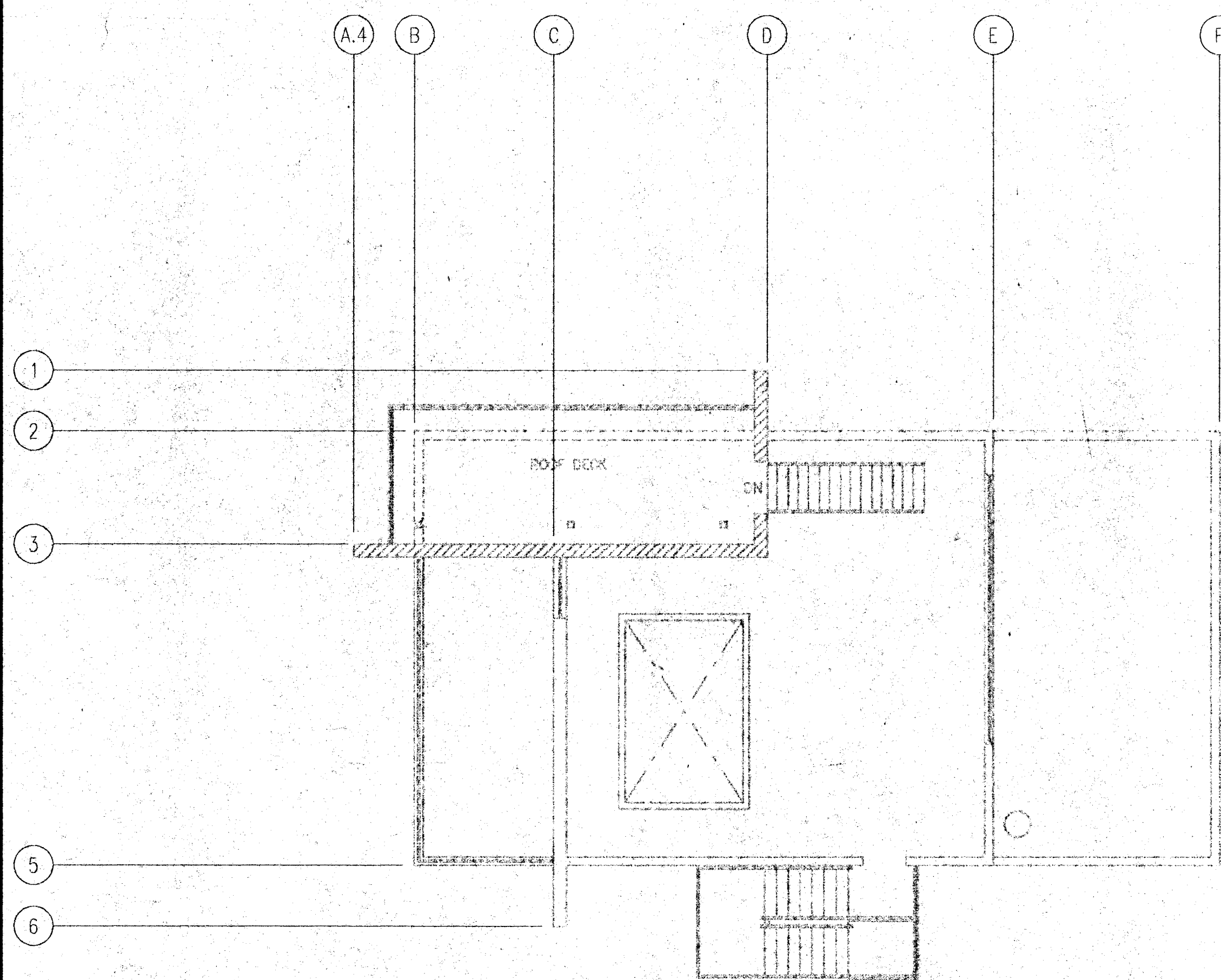
DRAWN ALJ
CHECKED JAL
DATE 01/17/00
SCALE AS SHOWN
JOB NO. 23113



FOURTH FLOOR PLAN

1/8"=1'-0"

1



ROOF PLAN

1/8"=1'-0"

2

401	HALLWAY		

ROOM LEGEND

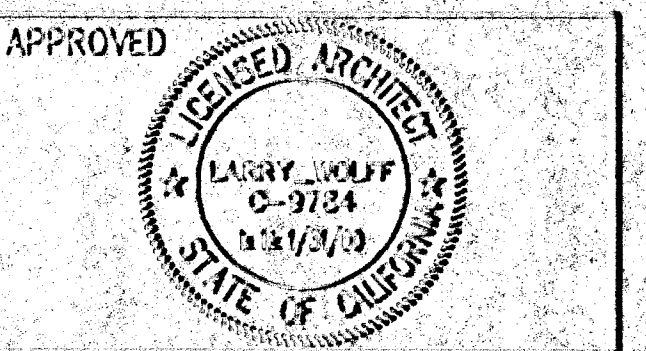
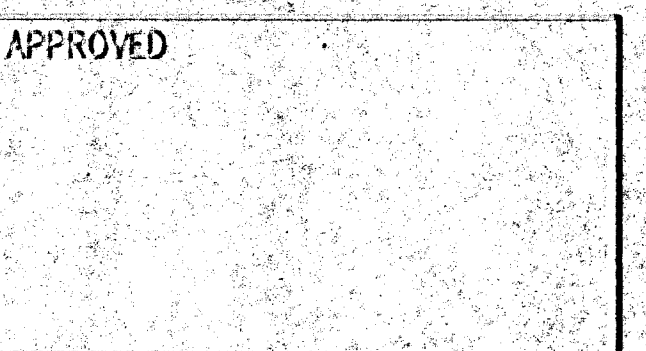
WALL LEGEND



Virginia Dare Tower
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California 91730-3754
tel: 909 987 0909
fax: 909 980 9980

City of San Marcos
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San Marcos, Ca 92069

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JALMECH@aol.com



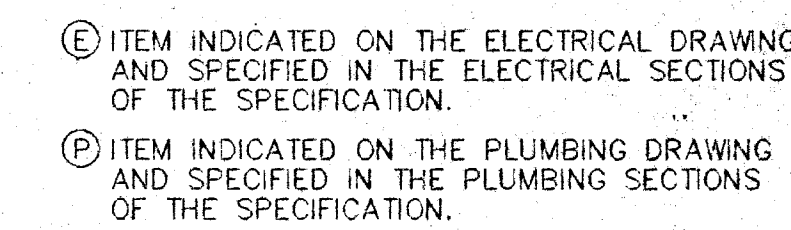
NO.	DATE	BY	REMARKS

BLOC. B - PLUMB
FLOOR PLANS
(DRILL TOWER)

DRAWN: ALJ
CHECKED: JAL
DATE: 01/17/00
SCALE: AS NOTED
JOB NO. 98113

P23

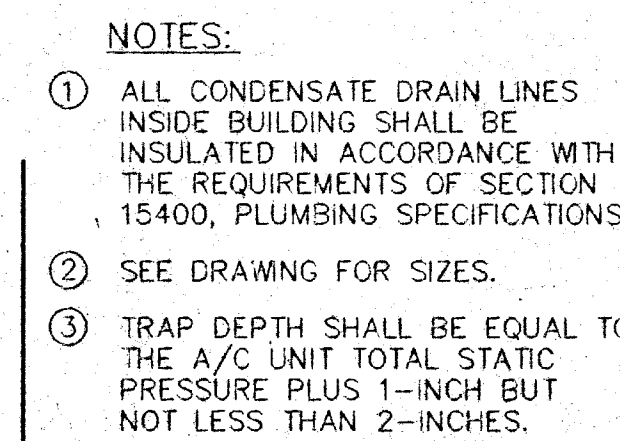
REFERENCE NOTES



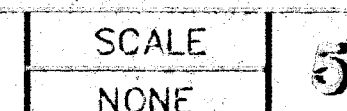
SCALE	3
NONE	



SCALE	3
NONE	



CONDENSATE TRAP DETAIL



SCALE	2
NONE	



SCALE	7
NONE	



SCALE	1
NONE	

City of San Marcos
Emergency Services Training Facility

Sanitar Place
San Marcos, Ca 92069

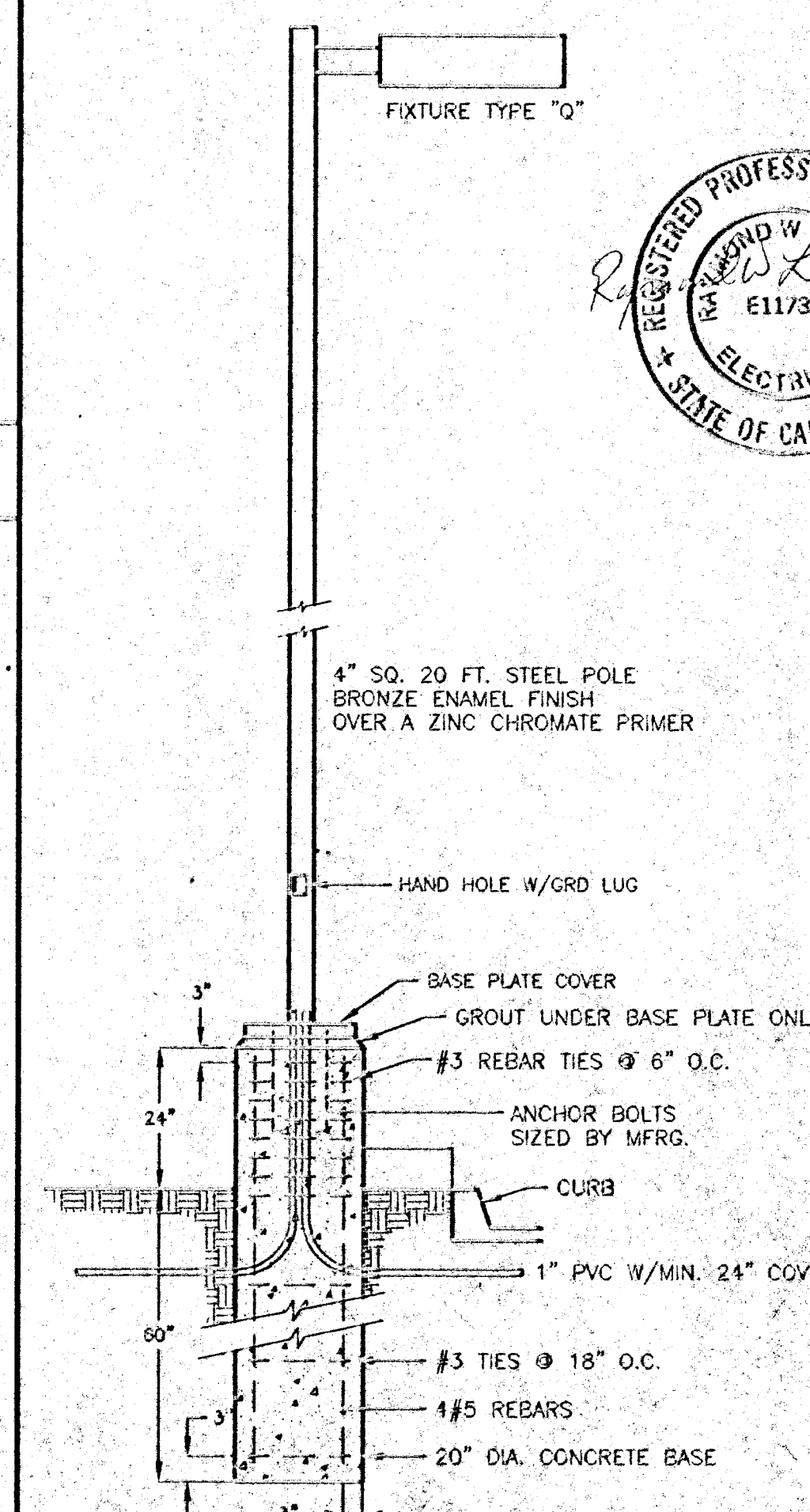
- FLUOR. TROFFER, 2X2, A12 PRISMATIC LENS
- FLUOR. TROFFER, 2X4, ACRYLIC SCHOOL LENS
- FLUOR. RECESSED, 1X4, PRISMATIC
- FLUOR. RECESSED SQUARE LENS DOWNLIGHT
- SOB SWITCH, DECORATOR ROCKER STYLE, 20A, 120/277VAC, MTD. AT +48". P&S 2621-1
- SO PIR AUTOMATIC WALL SWITCH, MTD. AT +48". W-200
- PIR 360° CLG. MTD. SENSOR: CI-205-1
- PIR 360° CLG. MTD. SENSOR w/LIGHT LEVEL: CI-200-1
- PIR CLG. MTD., TWO SIDED AISLEWAY SENSOR: CX-105-3
- ULTRASONIC, CLG.MTD. SENSOR: WT-1105
- ULTRASONIC, CLG.MTD. SENSOR: WT-605
- PIR CLG. MTD. SENSOR: CX-105
- PIR CLG. MTD., LONG RANGE LENS SENSOR: CX-105-1
- PIR CLG. MTD. SENSOR: WPIR

- RECEPTACLE, NEMA 5-15R, +18" U.O.N. CIRCUIT NO., WHERE NO. ONLY, CIRCUITS ARE FROM THE 120V PANELS
- "A-" OR "B-" REFERS TO PANELS "A" & "B".
- G.F.I. RECEPTACLE OR PROTECTED BY A G.F.I. DEVICE
- QUADRUPEX RECEPTACLE, NEMA 5-15R +18" U.O.N.
- FUSED DISCONNECT SWITCH
- NON-FUSED DISCONNECT SWITCH
- SPST FUSIBLE DISCONNECT SWITCH, 1 HP, 277V RATED, IN SURFACE BOX MTD. ON OR NEAR UNIT.
- MOTOR EQUIPMENT, BY OTHERS
- THERMOSTAT, BY OTHERS, 3/4" CO TO HVAC UNIT AS NOTED
- PANEL BOARD, SURFACE MOUNTED
- PANEL BOARD, FLUSH MOUNTED
- SWITCHBOARD OR EQUIP. AS IDENTIFIED

- J-BOX, SIZED AS INDICATED
- CONCEALED WIRING
- EXPOSED WIRING
- WIRING ROUTED BELOW THE ROOF OR UNDERGROUND
- HOME-RUN CIRCUIT W/PANEL ID. & CKT. NO.'S INDICATED. HASH-MARKS INDICATE NO. OF #12 THIN CONDUCTORS IN 1/2" C. NO HASH-MARKS IS 2#12 THIN IN 1/2" C.

- AC AVAILABLE INTERRUPTING CURRENT
- AFF ABOVE FINISHED FLOOR
- ATS AUTOMATIC TRANSFER SWITCH
- C.B. CIRCUIT BREAKER
- CKT. CIRCUIT
- EG EQUIPMENT GROUND
- F.S. FLOW SWITCH
- MTD MOUNTED
- P.N.L. PANEL OR PANELBOARD
- SCI SHORT CIRCUIT CURRENT
- TBB TELEPHONE BACKBOARD
- T.S. TAMPER SWITCH
- SPD SURGE PROTECTIVE DEVICE
- WP WEATHER-PROOF
- U.O.N. UNLESS OTHERWISE NOTED
- UG UNDERGROUND

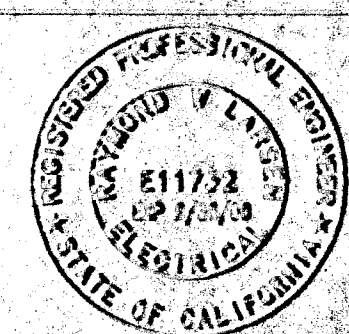
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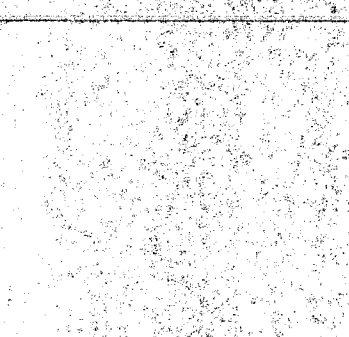
CONSULTANT

LEONARD ENGINEERING
Jeffrey A. Leonard, Registered Professional Engineer
383 South Main Street, Suite 200, San Marcos, CA 92069
PHONE (760) 234-5477 FAX (760) 234-5478
JAL:LEO

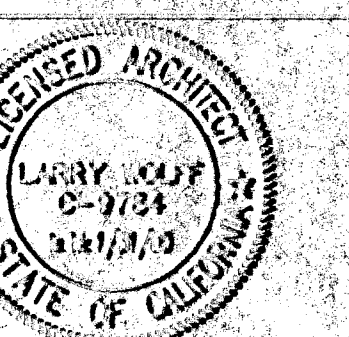
APPROVED



APPROVED



APPROVED

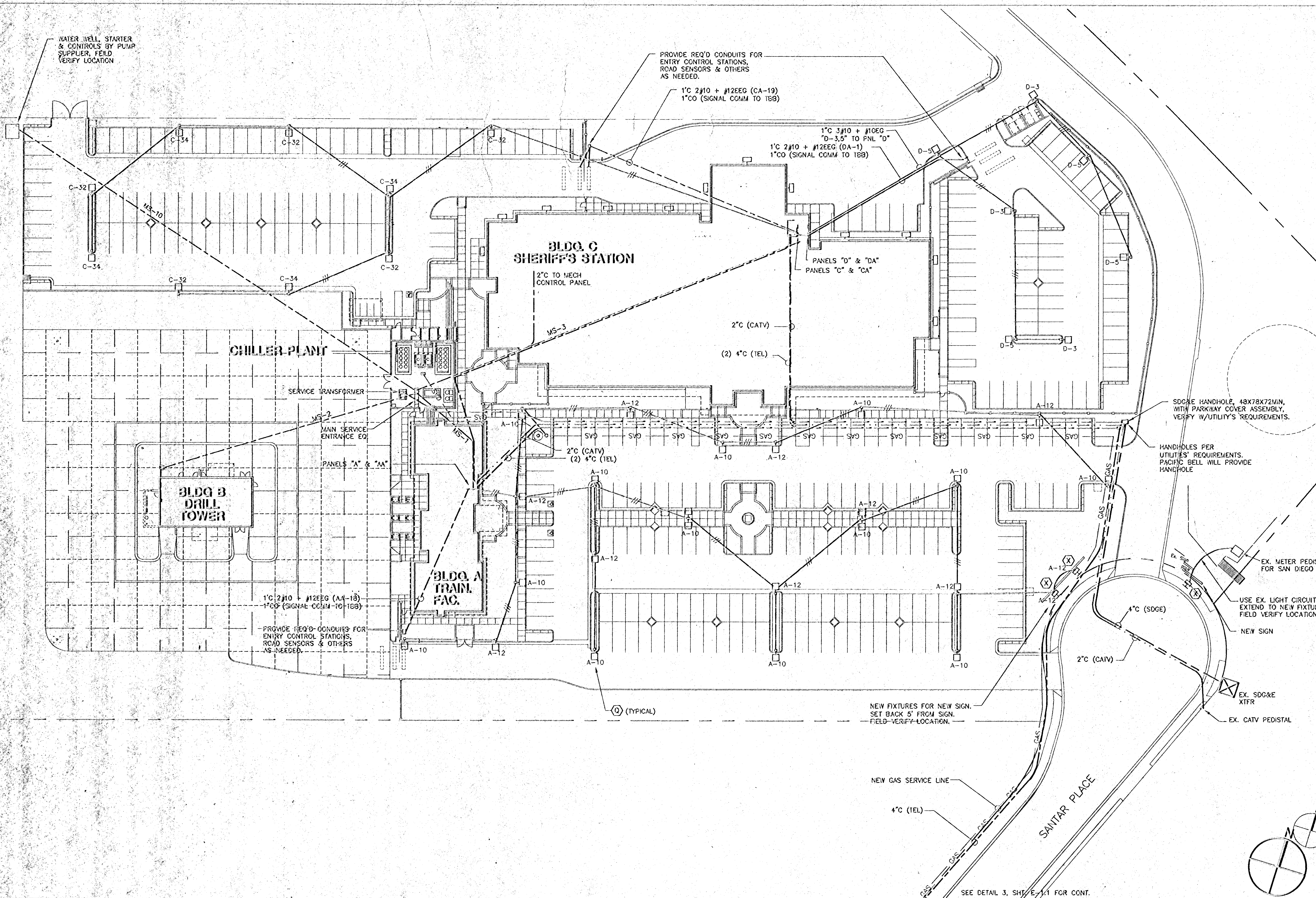


NO	DATE	BY	REMARKS

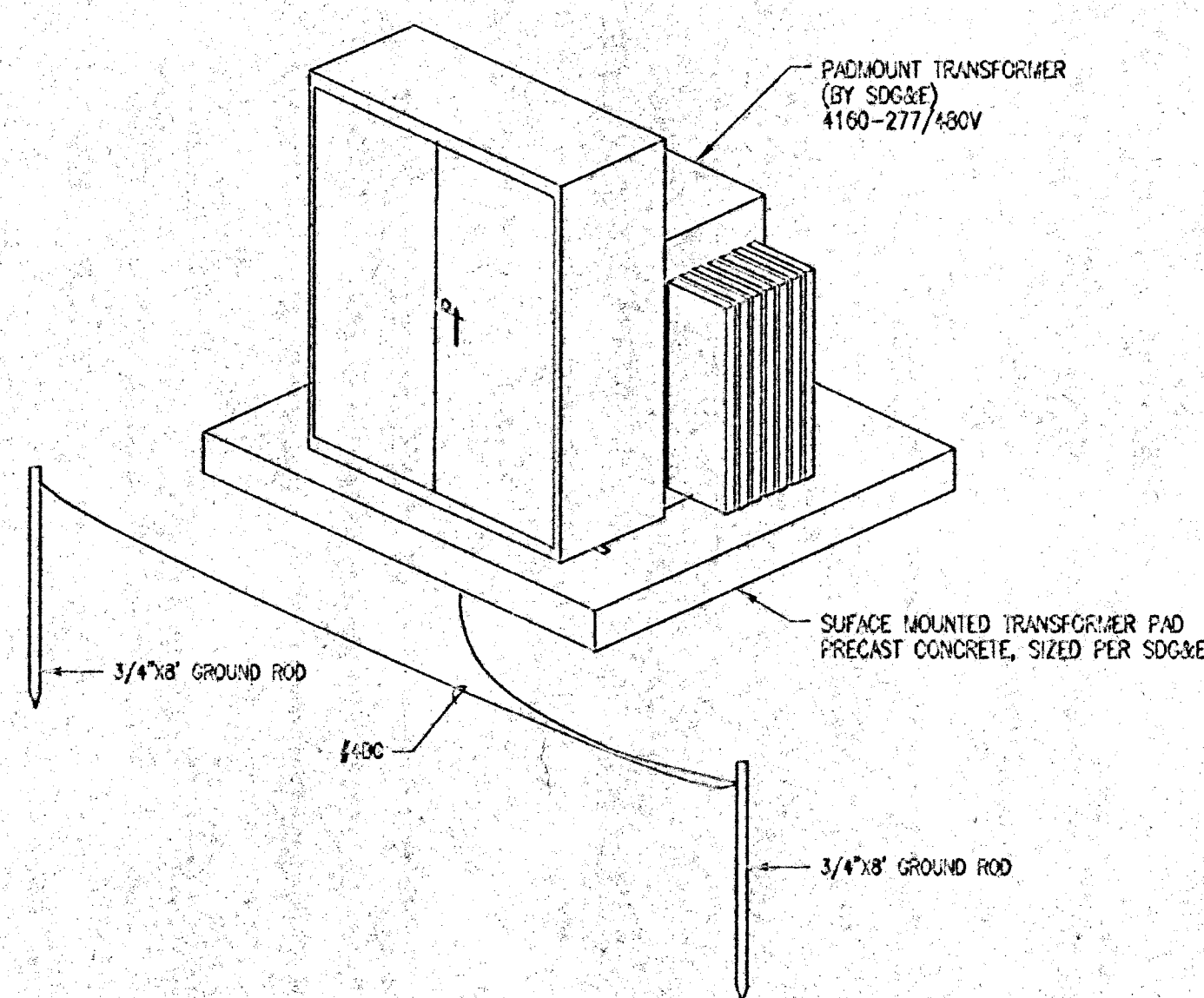
POWER SITE
PLAN A
DETAIL 3

DRAWN RVL
CHECKED J.L.
DATE 01/14/00
SCALE AS NOTED
C.D. NO. 98113

E-10



POWER SITE PLAN



SERVICE PAD DETAIL

NONE

3

UNDERGROUND TRENCHING DETAIL

NONE

1

GENERAL NOTES

NONE

3

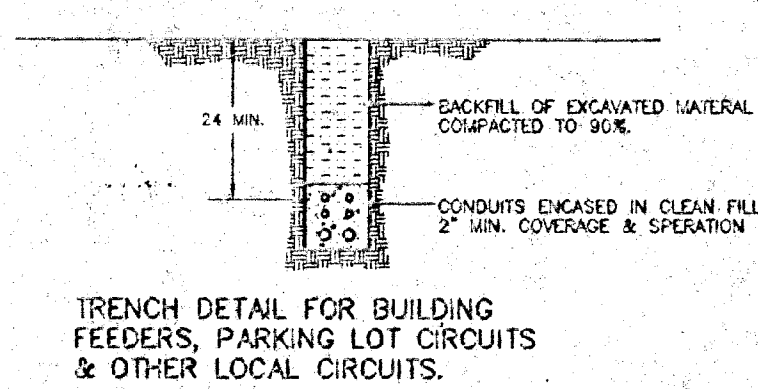
POLE DETAIL

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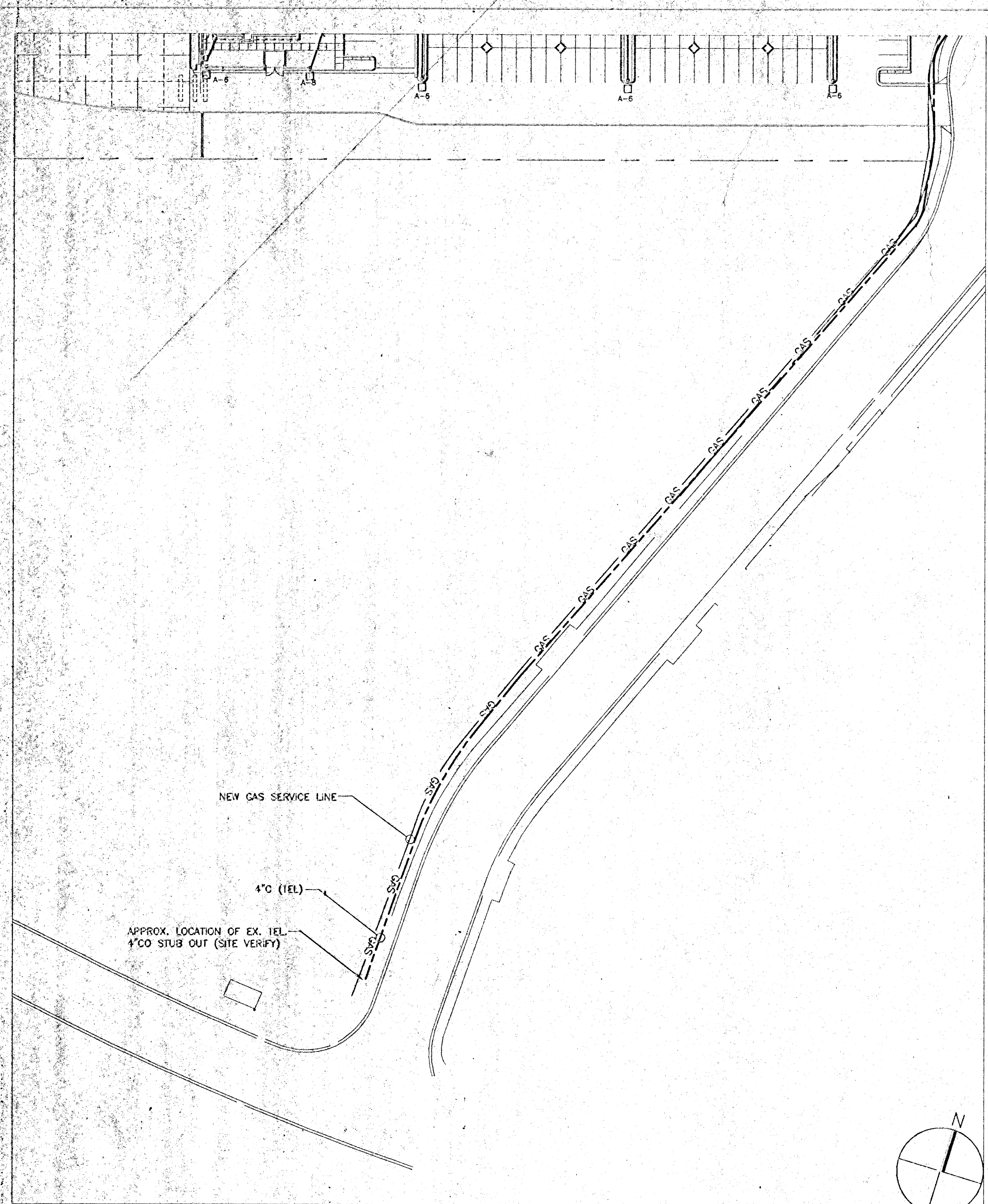
1

UTILITY CONTACTS:
Jim Bradbury
Company: San Diego Gas & Electric
Phone: 1 760-480-7694
Fax: 1 760-733-7494
E-mail Address: jbradbury@sdsge.com
Rex Ostrander
Company: Pacific Bell
Phone: 1 760-489-3112
E-mail Address: worlstr@msg.pacbell.com
Rocky Stevens
Company: Cox Communications
Phone: 1 949-240-8828
E-mail Address: Rocky.Stevens@cox.com

NOTE:
FOR UTILITY SERVICE TRENCHES, FOLLOW
UTILITY'S REQUIREMENTS.



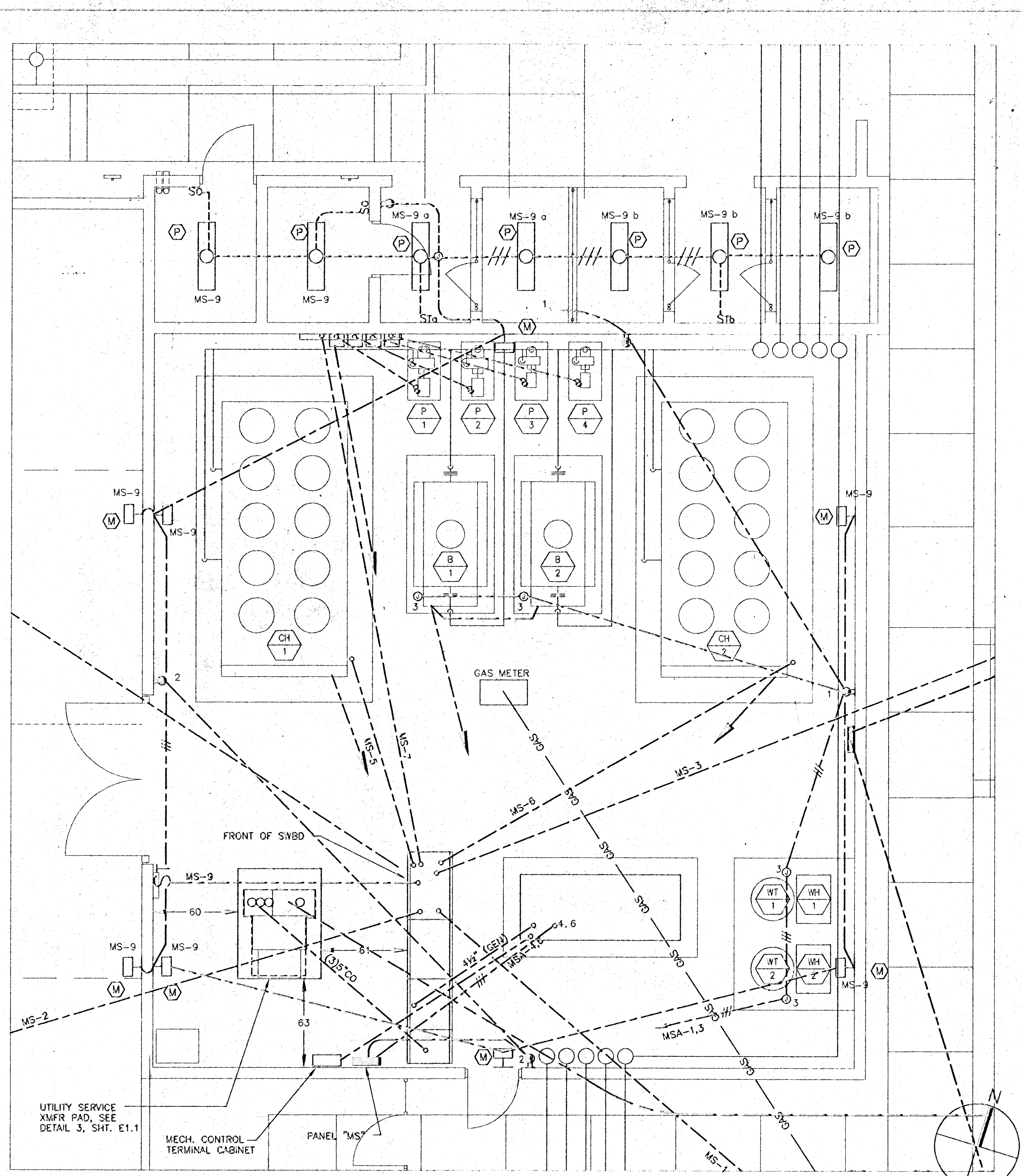
NOTICE IS HEREBY GIVEN THAT, PURSUANT TO THE SAN MARCOS CITY CHARTER AND THE SAN MARCOS MUNICIPAL CODE, PAYMENT OF PREVAILING WAGES AND COMPLIANCE WITH THE CALIFORNIA LABOR CODE SECTIONS 1770 et. seq IS NOT REQUIRED FOR THIS PROJECT.



OFF SITE UTILITY PLAN

1"=40'

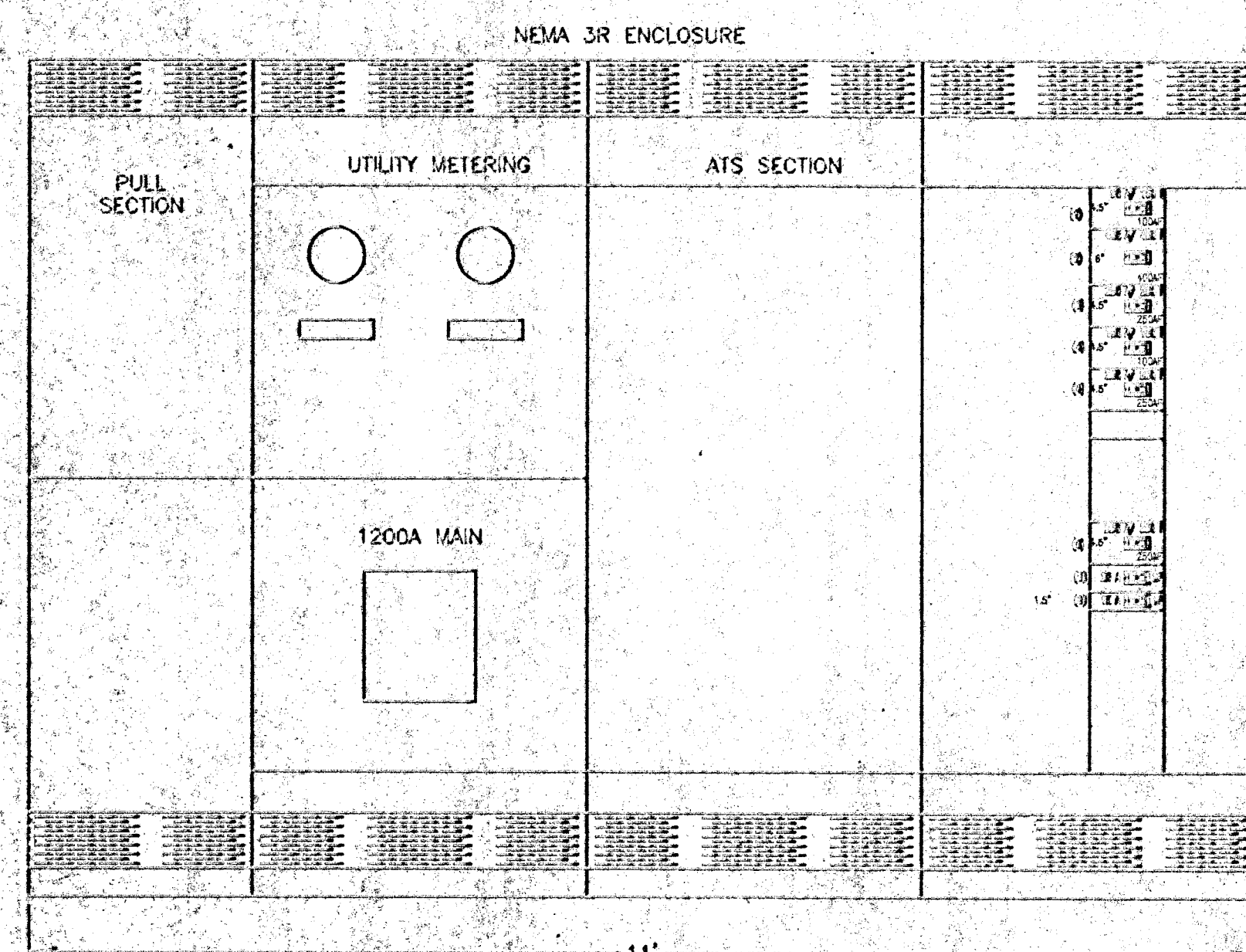
3



CHILLER PLANT POWER PLAN

1/4"=1'-0"

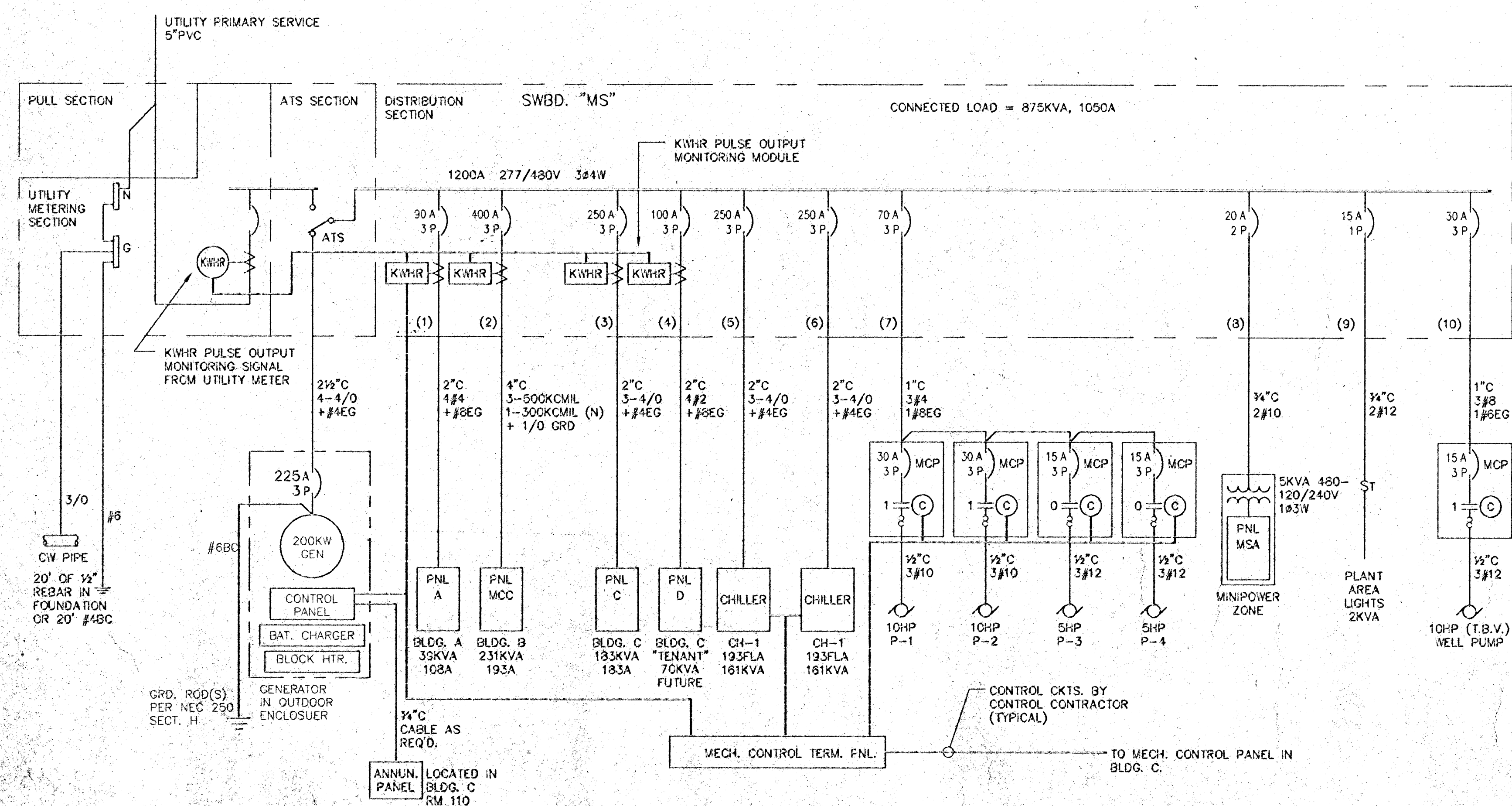
1



"MS" ELEVATION

NONE

4



SINGLE LINE DIAGRAM

NONE

2

REFERENCE NOTES

1. PROVIDE ALL REQUIRED CONDUIT WORK FOR THE MECH. CONTROL SYSTEM.



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San Marcos, CA 92069
Phone (760) 338-8888 Fax (760) 338-8889
www.leonard-engineering.com

APPROVED
LEONARD ENGINEERING
E11732
Exp. 8/30/04
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

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E11732
Exp. 8/30/04
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

APPROVED
LARRY WOLFF
C-9784
3/1/95/99
REGISTERED ARCHITECT
STATE OF CALIFORNIA

NO	DATE	BY	REMARKS

CHILLER PLANT
POWER PLAN &
DETAILS

DRAWN: R.M.
CHECKED: J.L.
DATE: 01/14/00
SCALE: AS NOTED
JOB NO.: 38113

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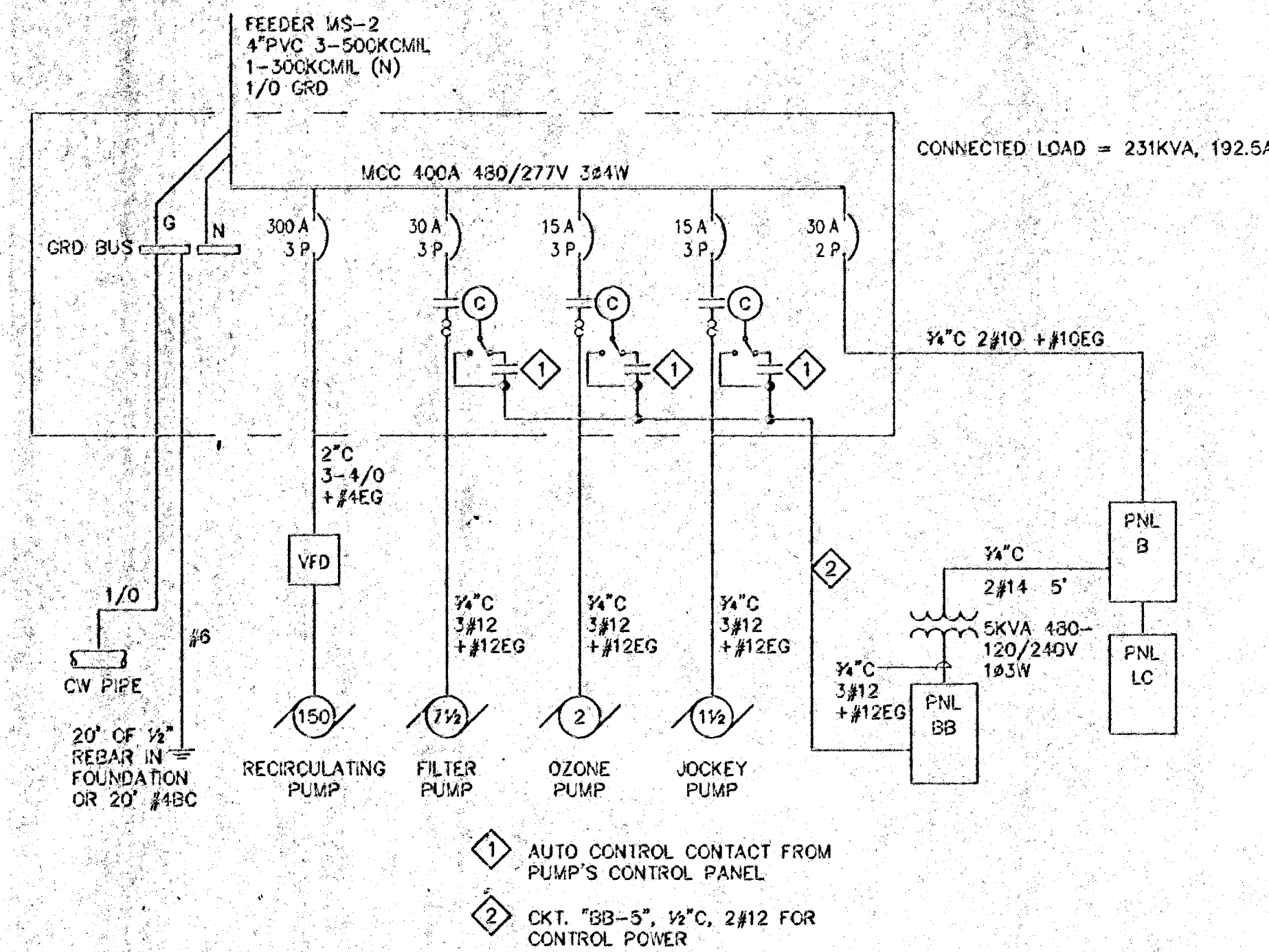
PANEL "B" 277 480 VOLT, 1 PHASE, 3 WIRE MAIN MLO									
LOCATION 107					MOUNTING SURFACE BUS RATING 100				
CC#	VA	LINE A	LINE B	LOAD DESCRIPTION	OUTLETS	LOADS	OUTLETS	LOADS	VA
1	225			001 CISTERN	1	1	1	1	225
2	468			103 STORAGE	1	1	1	1	468
3	1200			WALLPACK	1	1	1	1	1200
4	1500			TRANSFORMER	1	1	1	1	1500
5	1500			TRANSFORMER	1	1	1	1	1500
6	3058			2058	1	1	1	1	3058
7									
8									
9									
10									
11									
SUB TOTALS									
LINE TOTALS									
LCL ADDER									
TOTAL VA/Ø									
LINE AMPS									

PANEL "BB" 120 240 VOLT, 1 PHASE, 3 WIRE MAIN BREAKER									
LOCATION 107					MOUNTING SURFACE BUS RATING 100				
CC#	VA	LINE A	LINE B	LOAD DESCRIPTION	OUTLETS	LOADS	OUTLETS	LOADS	VA
1	540			107	1	1	1	1	540
2	540			102 PUMP RM	1	1	1	1	540
3	600			CONTROL PVR	1	1	1	1	600
4									
5									
6									
7									
8									
9									
10									
11									
SUB TOTALS									
LINE TOTALS									
LCL ADDER									
TOTAL VA/Ø									
LINE AMPS									

001	CISTERN ROOM #1
002	CISTERN ROOM #2
003	CISTERN ROOM #3
004	CISTERN ROOM #4
005	CISTERN ROOM #5
006	CISTERN ROOM #6
007	CISTERN ROOM #7
101	HALLWAY
102	PUMP ROOM
103	STORAGE ROOM
104	ROOM
105	FIRE BEHAVIOR ROOM
106	ROOM
107	CONTROL ROOM
108	MAZE ROOM #1

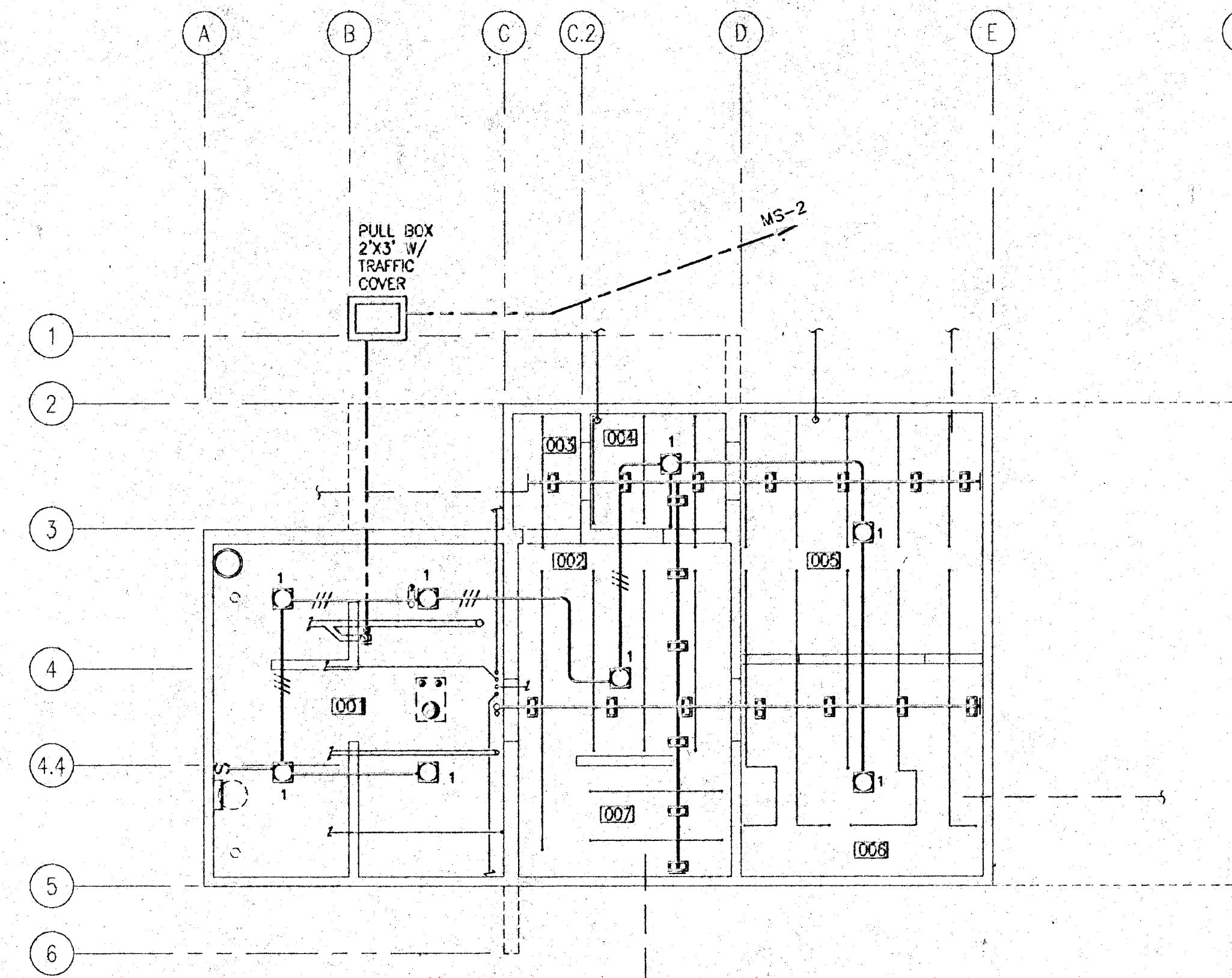
201	HALLWAY
202	MAZE ROOM #2
203	ROOM
204	MAZE ROOM #3
205	ROOM
301	HALLWAY
302	PROP ROOM
303	ROOM
304	MAZE ROOM #4

ROOM LEGEND



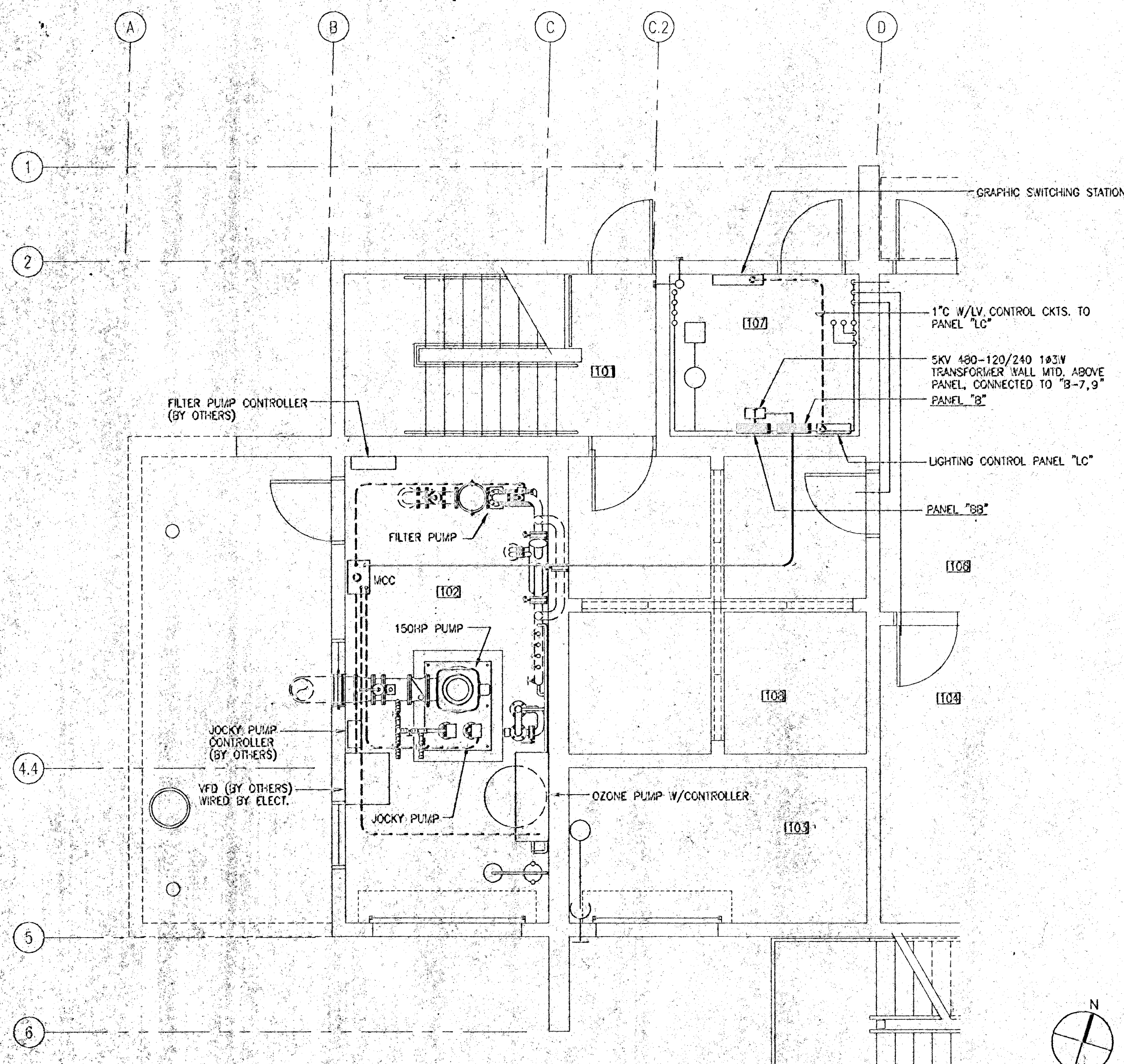
SINGLE LINE DIAGRAM

NONE 4



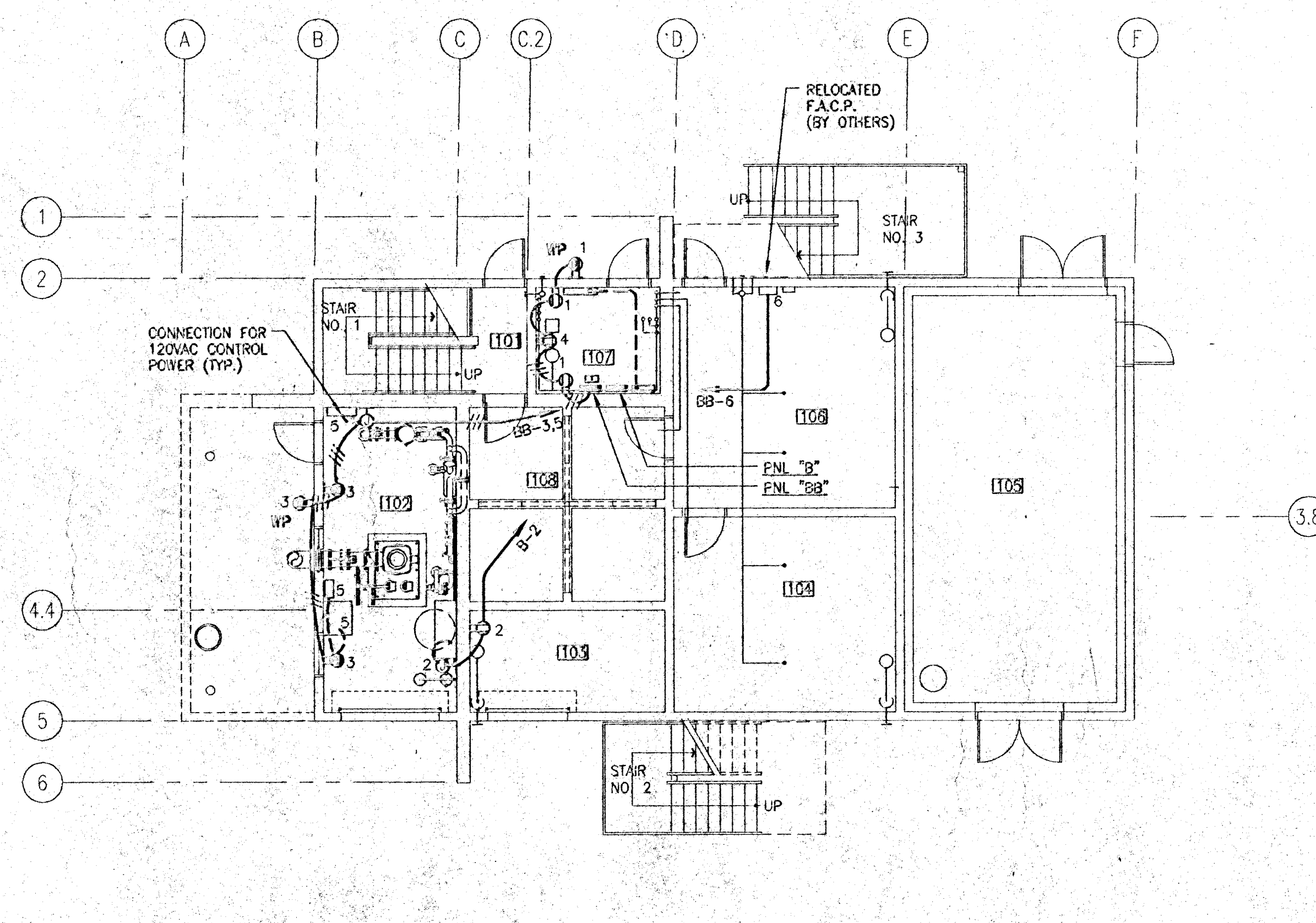
CISTERN LEVEL LIGHTING PLAN

1/8"=1'-0" 2



ENLARGED POWER PLAN

1/4"=1'-0" 5



FIRST FLOOR POWER PLAN

1/8"=1'-0" 3

REFERENCE NOTES

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REGISTERED PROFESSIONAL ENGINEER
E11732
SEP 9/2010
ELECTRICAL
STATE OF CALIFORNIA

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STATE OF CALIFORNIA

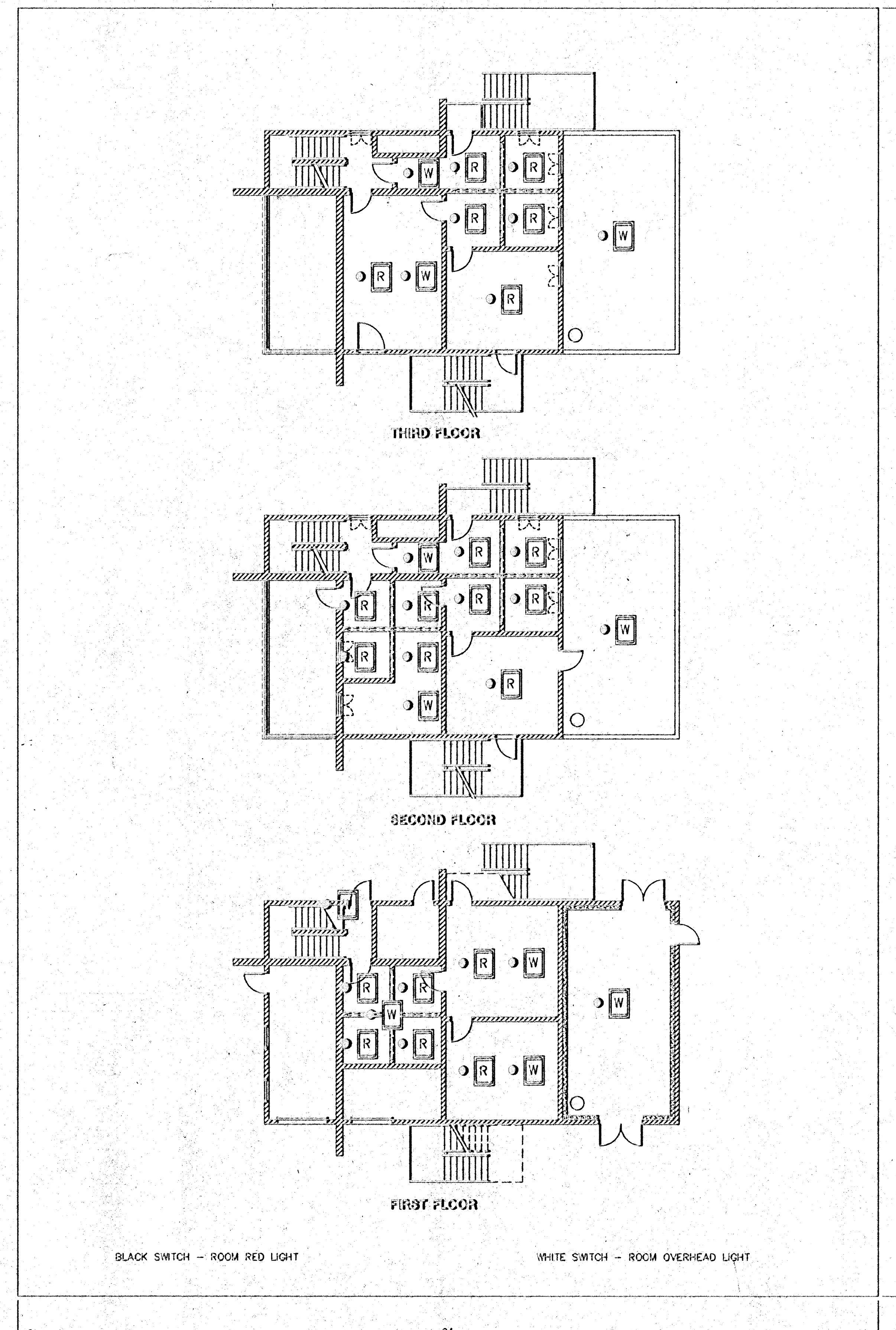
APPROVED
REGISTERED ARCHITECT
LARRY WOLFF
C-375
1/11/2010
STATE OF CALIFORNIA

NO	DATE	BY	REMARKS

BLOCK "B" - ELEC
POWER PLANS
(DRILL, TOWER)

DRAWN	REV
CHECKED	1
DATE	01/14/00
SCALE	AS NOTED
JOB NO.	93113

E-3.2



BLACK SWITCH - ROOM RED LIGHT

WHITE SWITCH - ROOM OVERHEAD LIGHT

- W SPDT MOMENTARY CENTER OFF ROCKER SWITCH, WHITE
- R SPDT MOMENTARY CENTER OFF ROCKER SWITCH, BLACK
- RED LED PILOT LIGHT

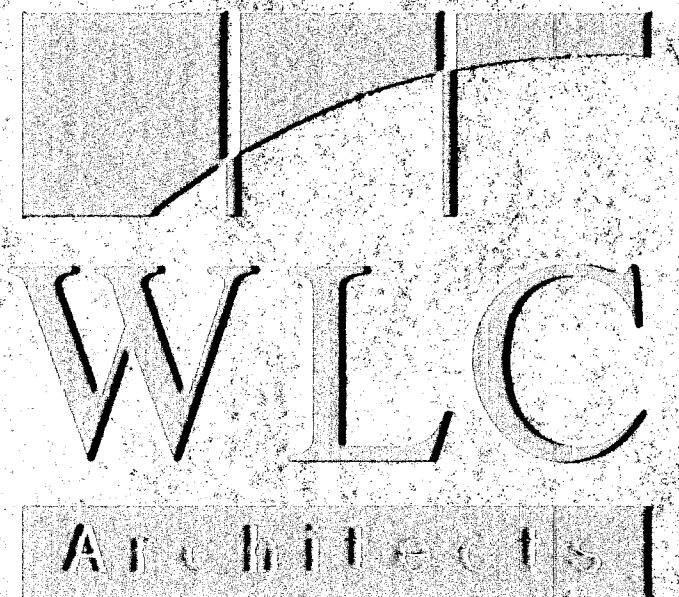
001	CISTERN ROOM #1		
002	CISTERN ROOM #2		
003	CISTERN ROOM #3		
004	CISTERN ROOM #4		
005	CISTERN ROOM #5		
006	CISTERN ROOM #6		
007	CISTERN ROOM #7		

101	HALLWAY		
102	PUMP ROOM		
103	STORAGE ROOM		
104	ROOM		
105	FIRE BEHAVIOR ROOM		
106	ROOM		
107	CONTROL ROOM		
108	MAZE ROOM #1		

201	HALLWAY		
202	MAZE ROOM #2		
203	ROOM		
204	MAZE ROOM #3		
205	ROOM		

301	HALLWAY		
302	PROP ROOM		
303	ROOM		
304	MAZE ROOM #4		

ROOM LEGEND



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STATE OF CALIFORNIA

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APPROVED
LARRY WOLFF
C-9724
1/11/99/00
STATE OF CALIFORNIA

NO	DATE	BY	REMARKS

BLDG 'B' - ELEC
DETAILS
(DRILL TOWER)

DRAWN RLE
CHECKED JL
DATE 01/14/00
SCALE AS NOTED
JOB NO. 93113

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E-33