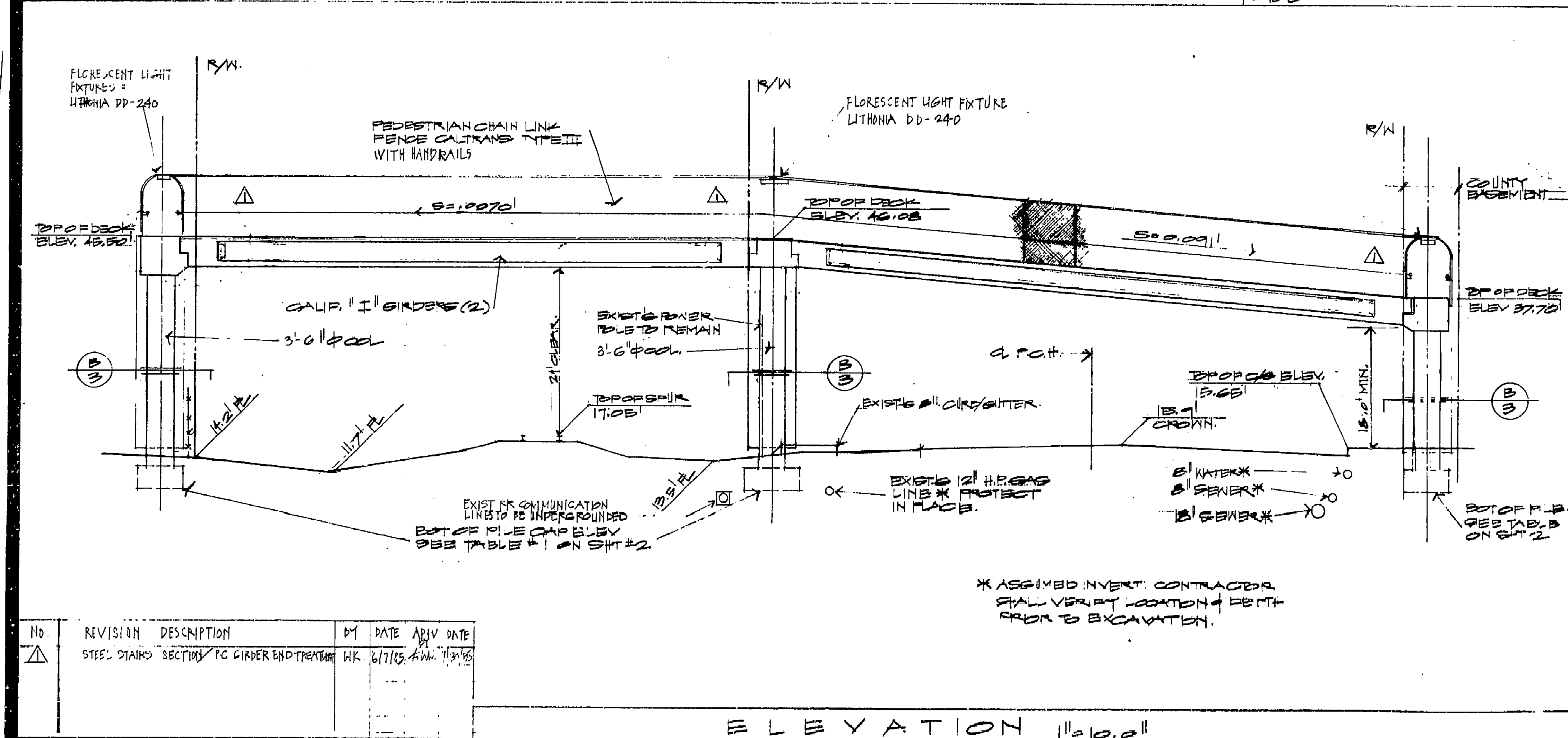
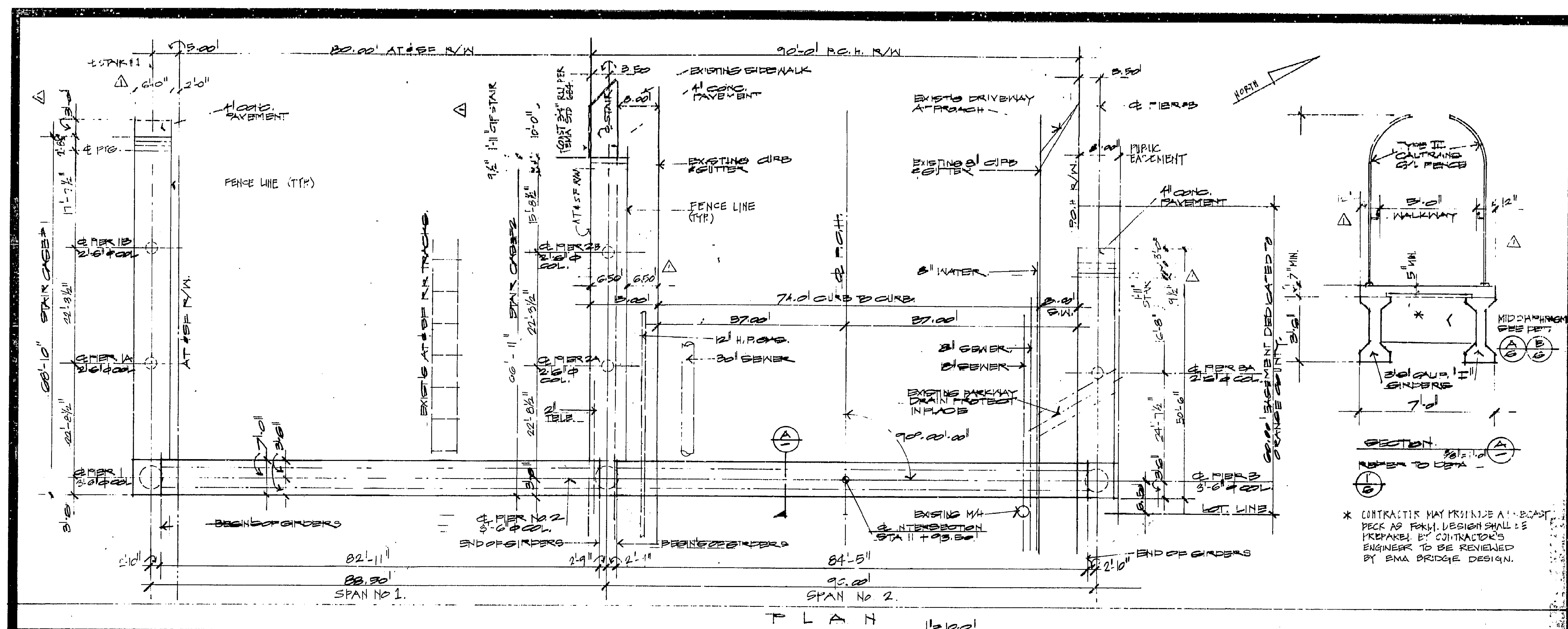


Contract No. B.# 55C-555
Date Completed _____
Document No. Dist 12



- GENERAL NOTES**
1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CALTRANS STANDARD SPECIFICATION, JULY 1984 EDITION.
 2. DESIGN CRITERIA
 - A. DESIGN SPECIFICATION - AASHTO STANDARD SPEC, 1983
 - B. MATERIALS (SEE SHEET 6 FOR ADDITIONAL NOTES) Δ

CEMENT - PORTLAND CEMENT TYPE II MODIFIED	
GIRDERS - CALIFORNIA STANDARD "I"	f'c = 5500 PSI f'ci = 2500 PSI f'c = 4000 PSI f'c = 4000 PSI f'c = 4000 PSI f'c = 5000 PSI
DIAPHRAGM	
CIP DECK	
COLUMNS, STAIRS, PILE CAPS	
PRECAST PILES	
STEEL REINFORCEMENTS	Fy = 60 KSI
PRESTRESSING STEEL - SEVEN WIRE	
STRESS RELIEF	Fpu = 270 KSI Fpi = 0.70 Fpu
BOLTS	A - 307
STEEL SECTIONS	A - 36
 3. DESIGN LOADS

GIRDER DEAD LOAD - NORMAL WEIGHT CONCRETE	
DECK AND BARRIER DEAD LOAD - NORMAL WEIGHT CONCRETE	
LIVE LOAD - 85 PSF, NO REDUCTION	
SEISMIC ZONE - III	
 4. CONTRACTOR PRIOR TO WORK SHALL CONTACT UTILITY AGENCIES REGARDING POSSIBLE INTERFERENCES DURING PILE DRIVING OR ANY OTHER PART OF THE WORK. PIER NO. 2 MAY HAVE AN INTERFERENCE WITH THE EXISTING POWER AND TELEPHONE OVERHEAD LINE, SAID INTERFERENCE SHALL BE RESOLVED TO THE SATISFACTION OF THE UTILITY AGENCIES.
 5. THE STAIR LANDING GRADES ARE BASED ON PRELIMINARY TOPO INFORMATION, WHICH MAY BE DIFFERENT FROM THE ACTUAL FIELD GRADES. CONTRACTOR SHALL VERIFY THOSE GRADES PRIOR TO ANY STAIR WORK WHEN STAIRS HAVE TO MATCH. IF DISCREPANCY IS DISCOVERED, IT SHALL BE REPORTED TO THE ENGINEER.
 6. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON CONCRETE REINFORCEMENT PLACEMENTS, STRUCTURAL DIMENSIONING AND DETAIL FABRICATION TO OWNER'S ENGINEERS FOR REVIEW PRIOR TO FABRICATION.
- BASIC OF REFINANCE**
- THE REARLINE OF THE "B" 34' 80" W' BEING THE CENTERLINE OF THE CROSS HWY. AS SHOWN ON TRACT 40777 OFFICIAL RECORDS, COUNTY OF LOS ANGELES.
- REMARKS:** SEE 32-00-00 ELEV. 14.700 17240 0.5 MI. S.B. ALONG A.T.O.P. R/WY FROM THE L.N.Y. O.I.A.L.T. UNDERPASS AT CARD. BOX. 40.5 FT. G.W. OF C.H. OF THE L.N.Y. 13 FT. N.E. OF THE N.E. RAIL OF THE R/WY, ACROSS THE WY. FROM. COLUMN. 40.5 FT. N.E. OF THE N.E. RAIL OF THE R/WY, ACROSS THE WY. FROM. ABOUT 0.5 FT. BELOW THE TOP OF THE ROADWAY HEADWALL.

FORBES MANSHADI ENG.
STRUCTURAL DESIGN & CONSULTING
1833 E. 17TH ST. SUITE #205
SANTA ANA, CA. 92701
(714) 843-8831

PREPARED UNDER THE
SUPERVISION OF

Wanda Loo 6/3/15

WEI-TE KOO 3E 2653

DATE FORGED 6E

CAPISTRANO SURFSIDE INN.
LOT 6-19, BLOCK 2 TRACT #777 AC.
34680 PCH C.B.
PEDESTRIAN BRIDGE

EMA-PUBLIC WORKS

APPROVED C.R. Nelson 13142 DCE

THIS PLAN IS SIGNED BY E.M.A. / PUBLIC WORKS FOR CONCEPT AND ADHERENCE TO COUNTY STANDARDS AND REQUIREMENTS ONLY. E.M.A. / PUBLIC WORKS IS NOT RESPONSIBLE FOR DESIGN, ASSUMPTIONS, OR ACCURACY

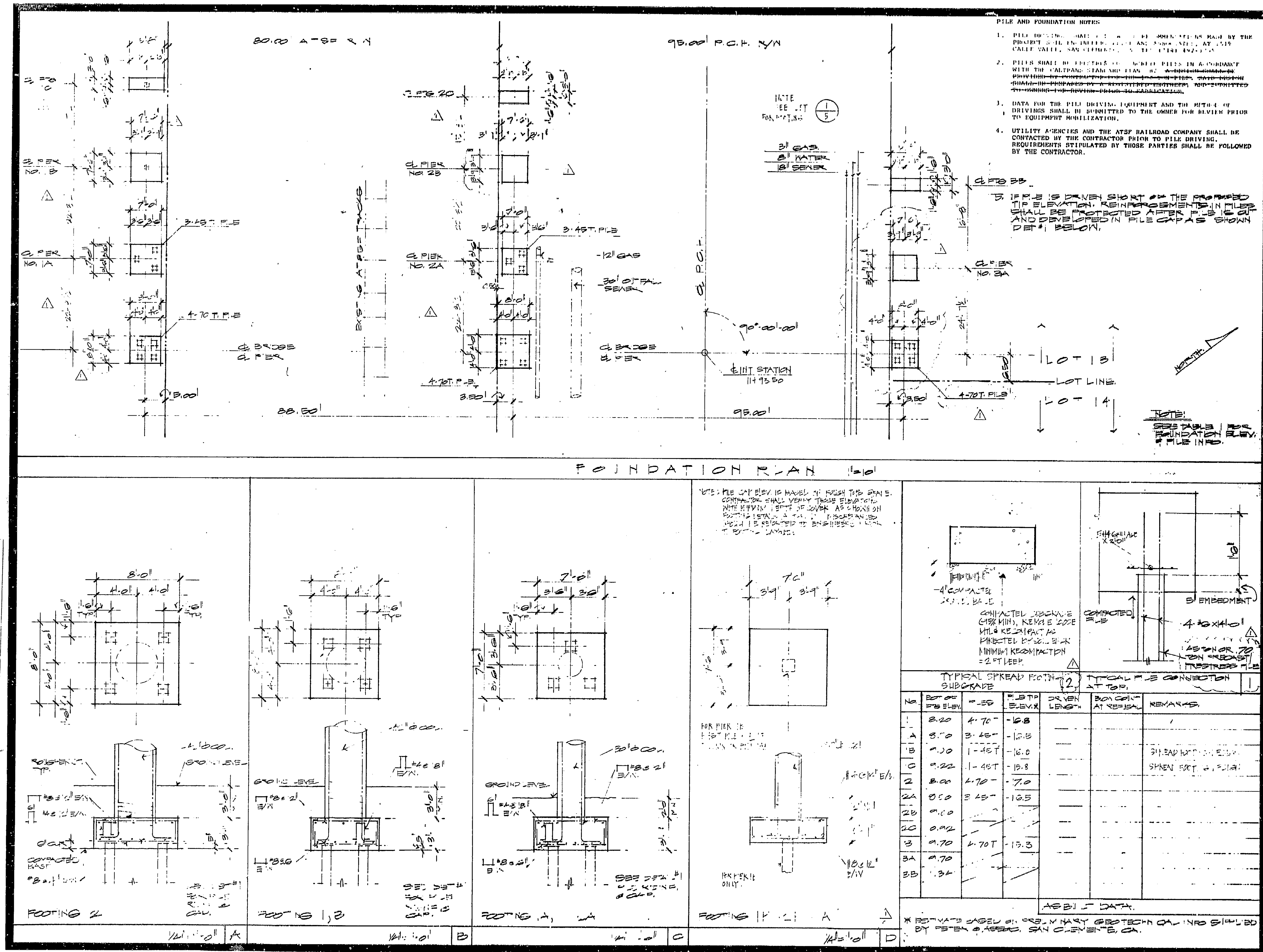
55C - 555

FME # 285-367
5-13-85

SAT 1 02 7

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT. I HAVE
 UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO
 AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION.
 DATE 3-26-90 SIGNATURE Donald E. Bradford TITLE STATE OF CALIF.
 MICROFILM SERVICE

AS BUILT PLANS
Contract No. B-55c-555
Date Completed _____
Document No. D-5T-12



FORBES MANSHADI ENG.
STRUCTURAL DESIGN & CONSULTING
1803 E. 17TH ST. SUITE #203
SANTA ANA, CA. 92701
(714) 843-8831

CAPISTRANO SURFSIDE INN
P.O. BOX 1000
P.O. H. PEDESTRIAN OVERPASSING

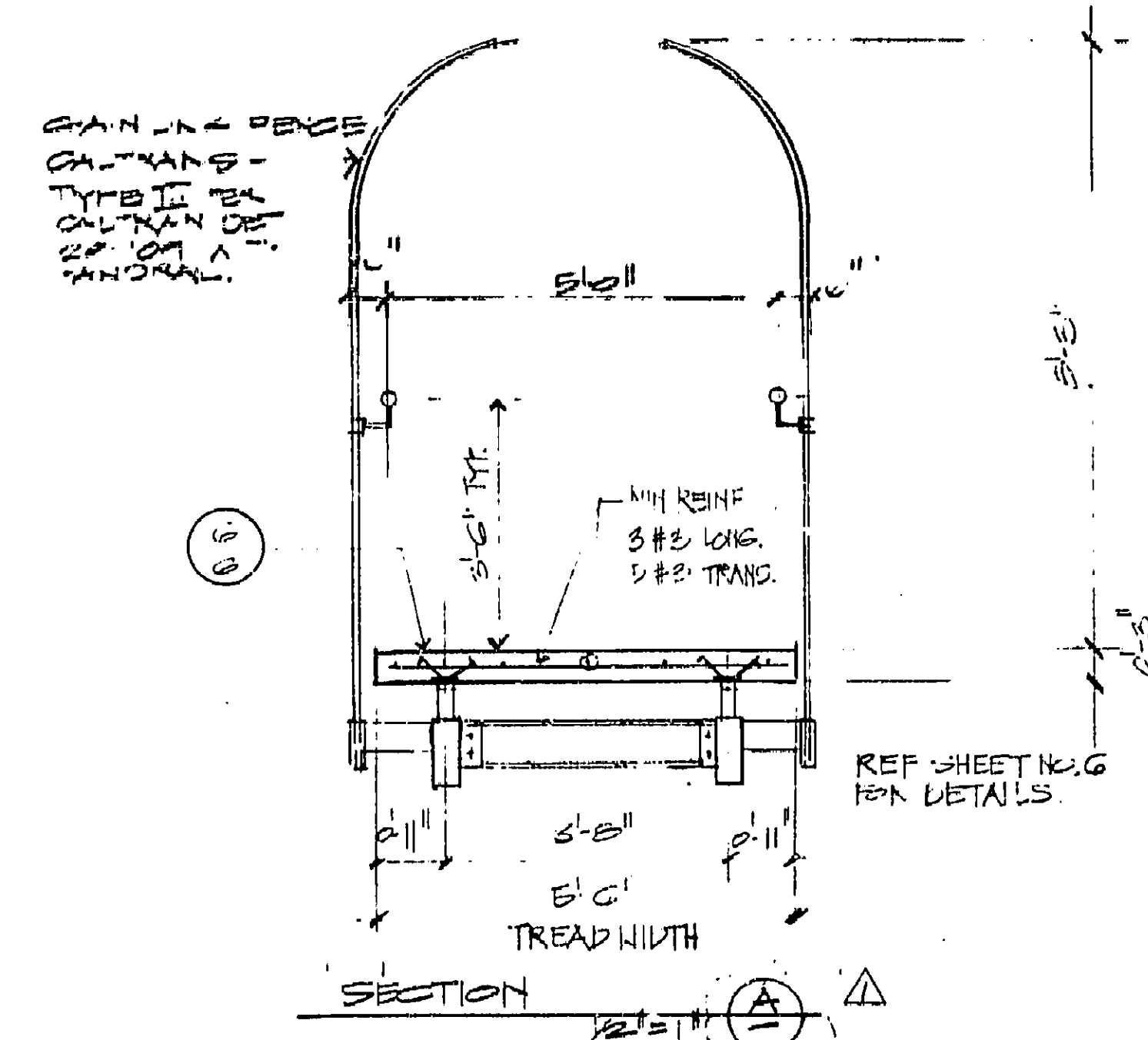
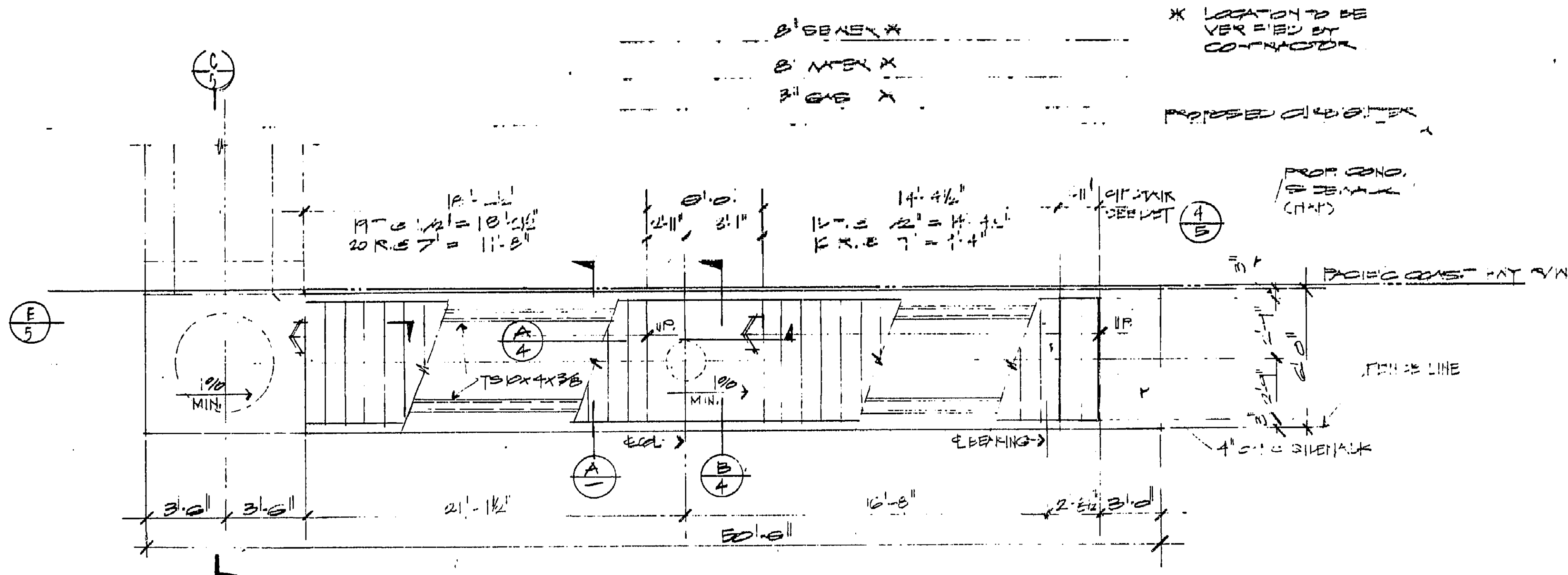
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PMG 275-367
5-13-85

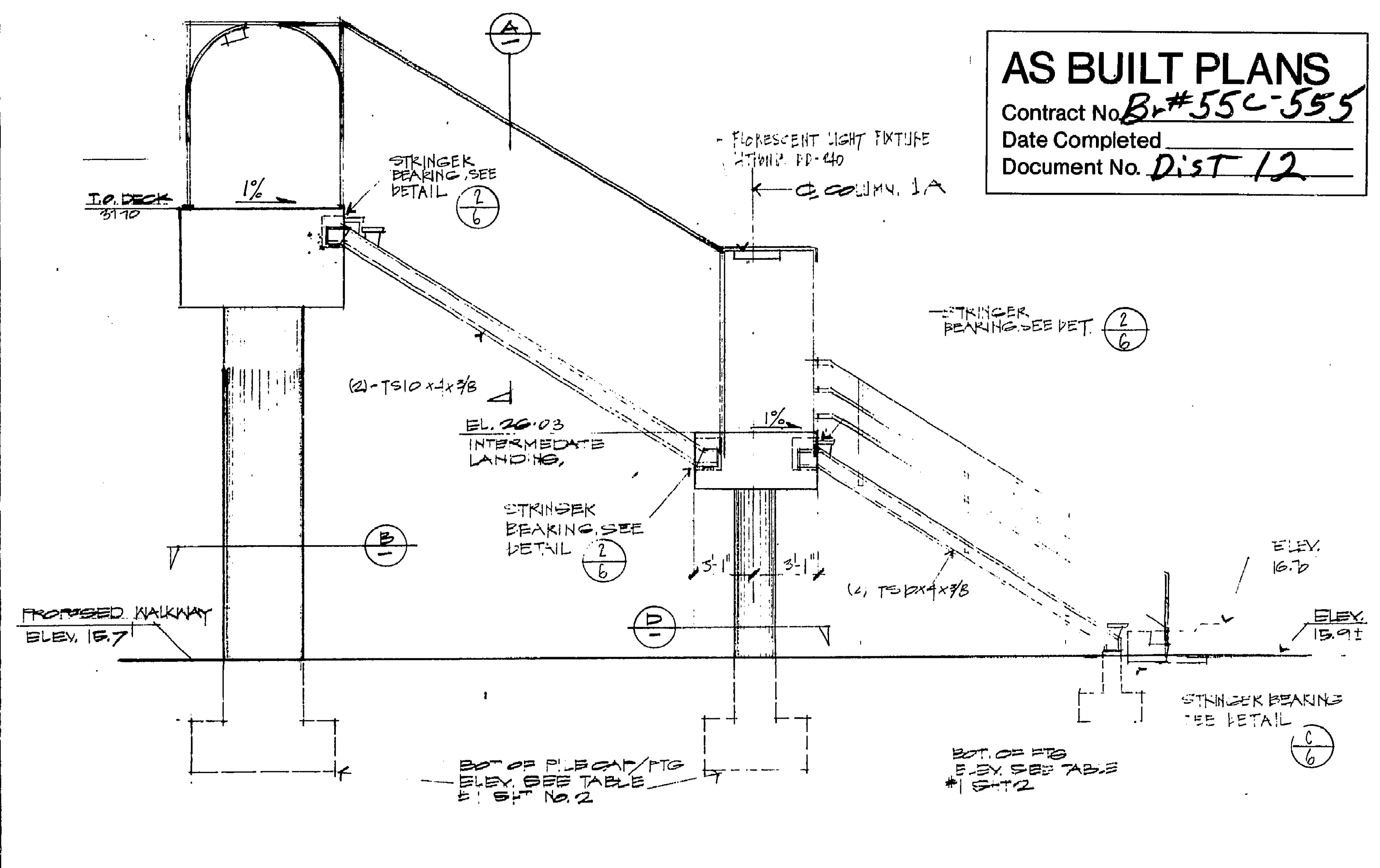
547207

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN
UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO
AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION.

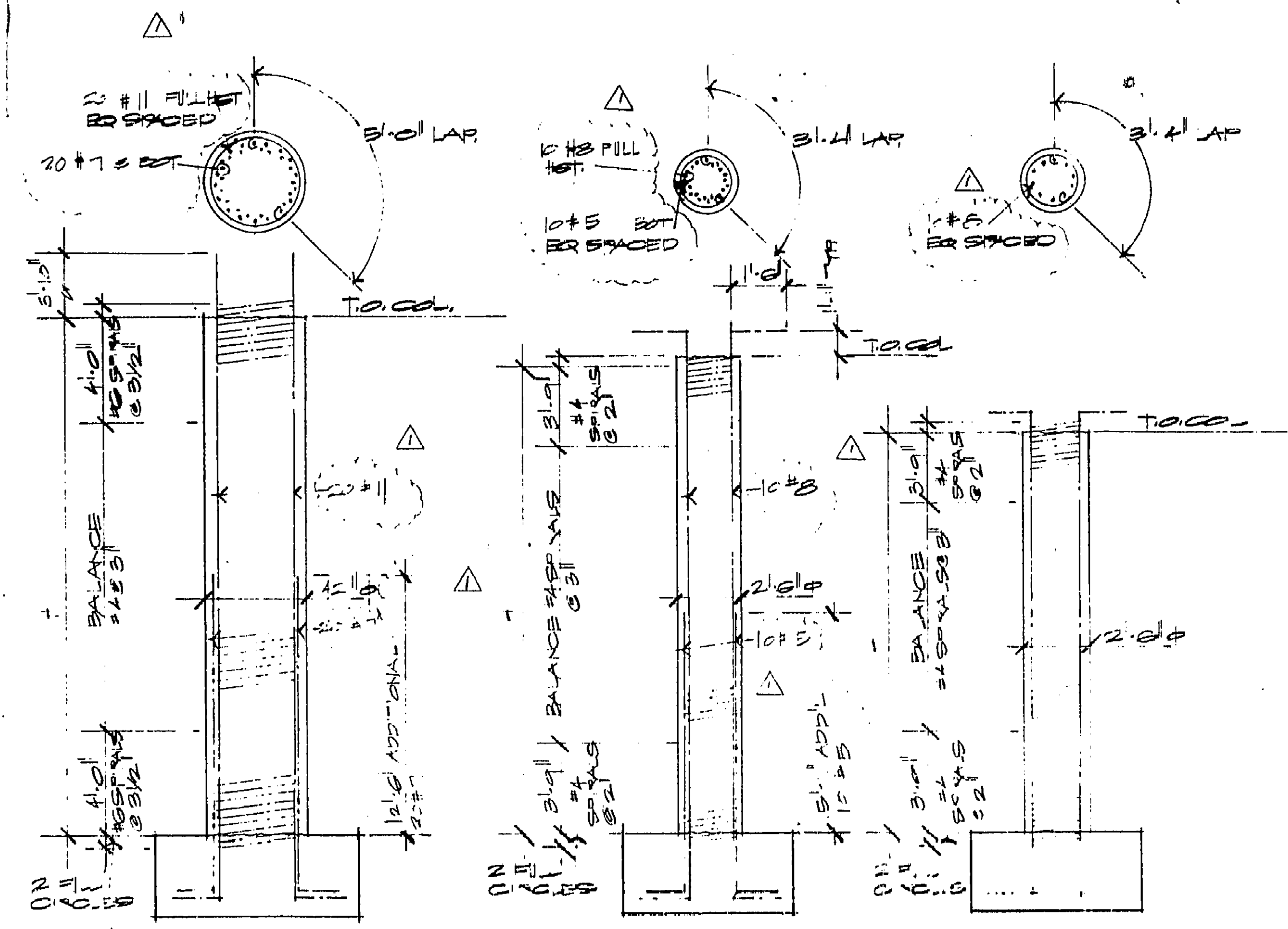
DATE 3-26-90	SIGNATURE Donald Blackford	TITLE SUPERVISOR OF MICROFILM SERVICES
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PLAN 1/4" = 1'-0"



AS BUILT PLANS
 Contract No. **B-55C-555**
 Date Completed
 Document No. **DIST 12**



NORTH ELEVATION 1/4" = 1'-0"

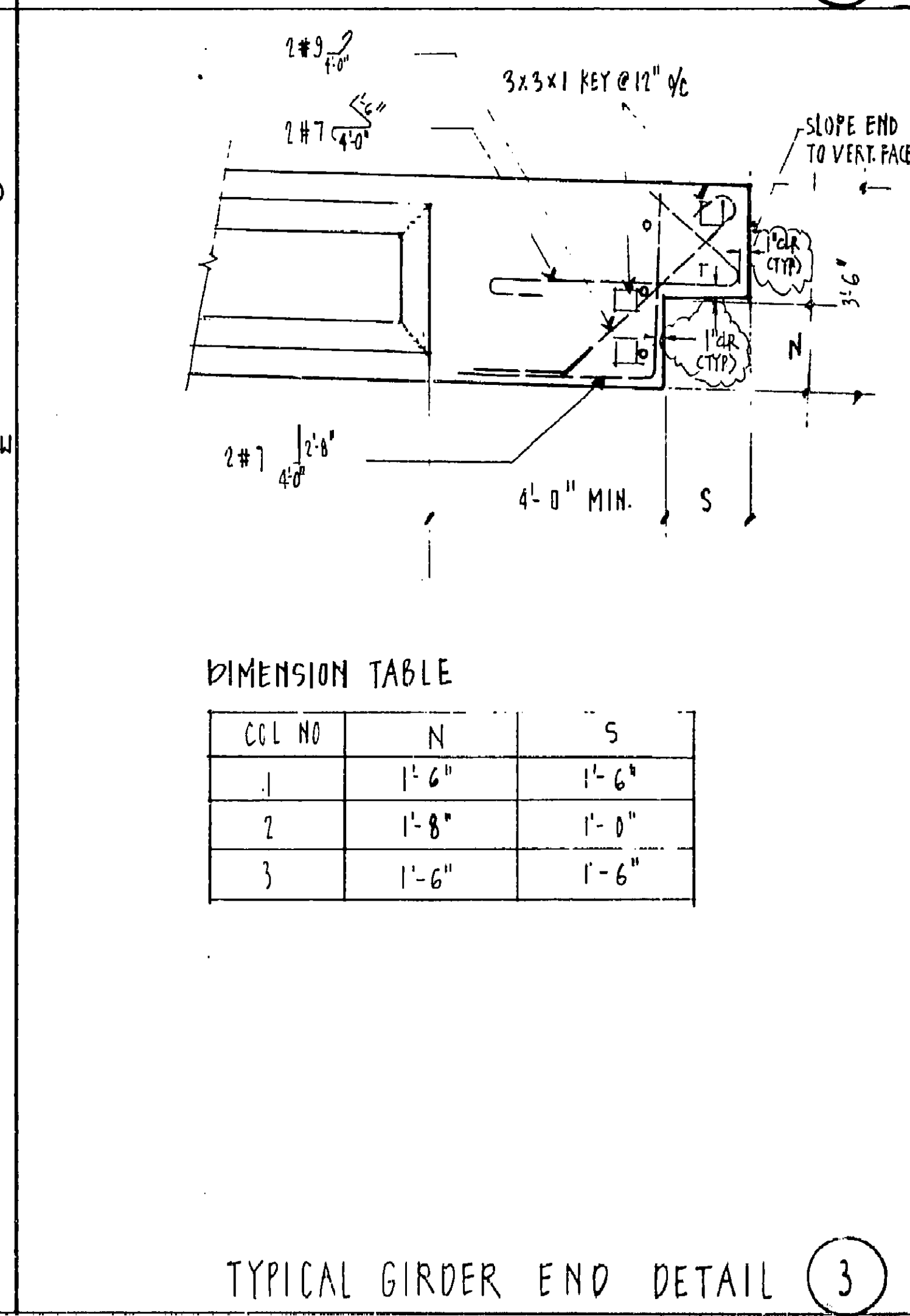
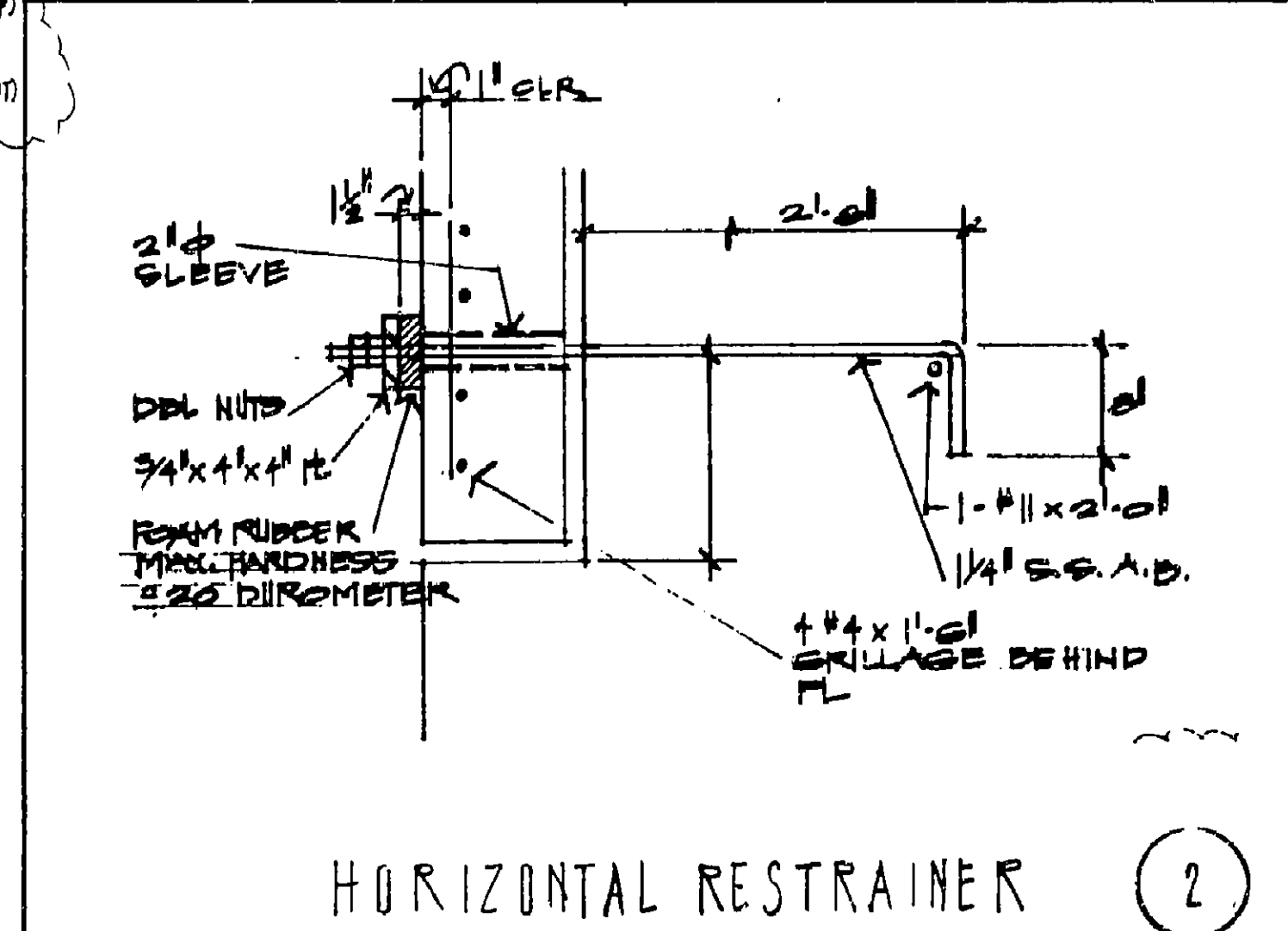
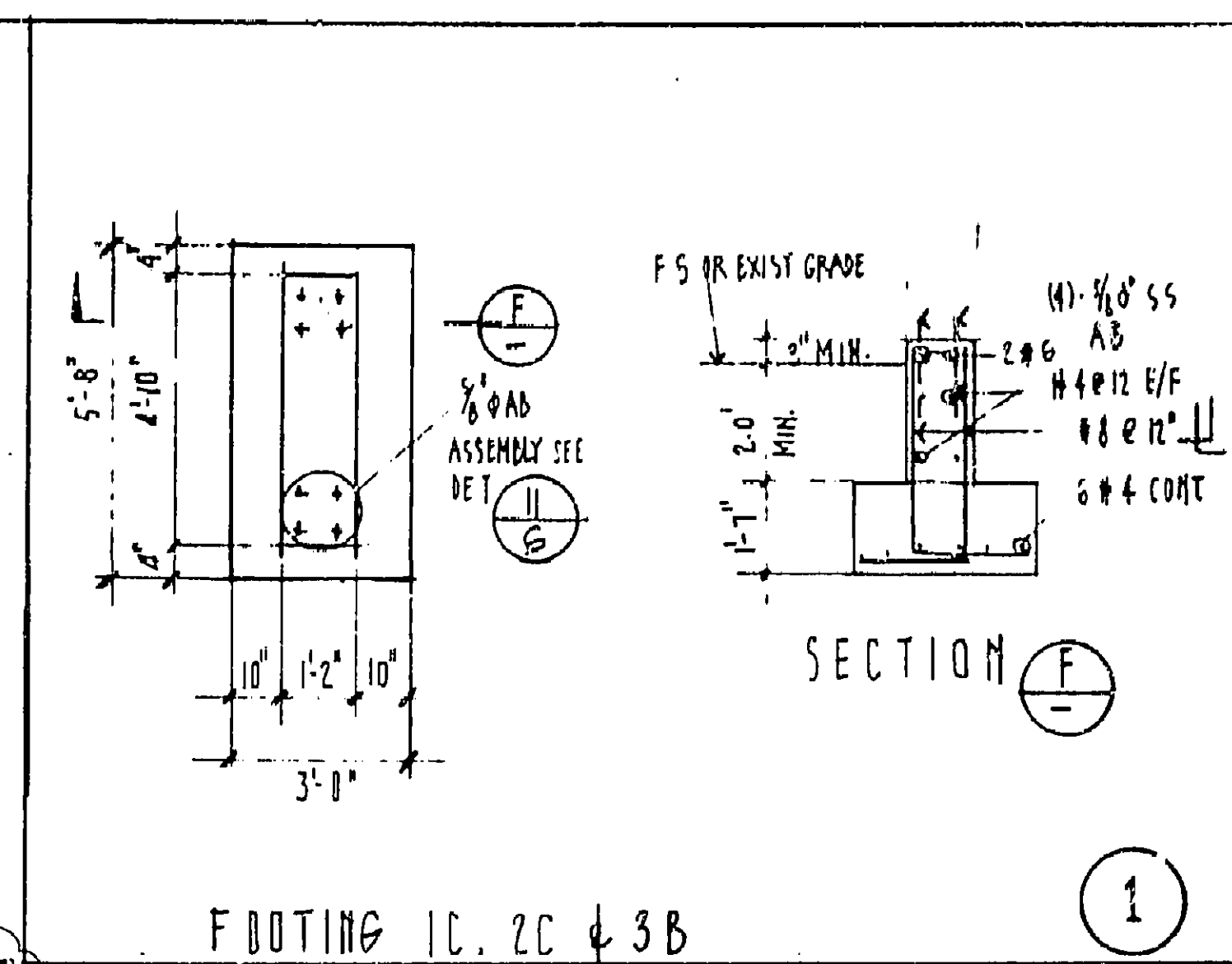
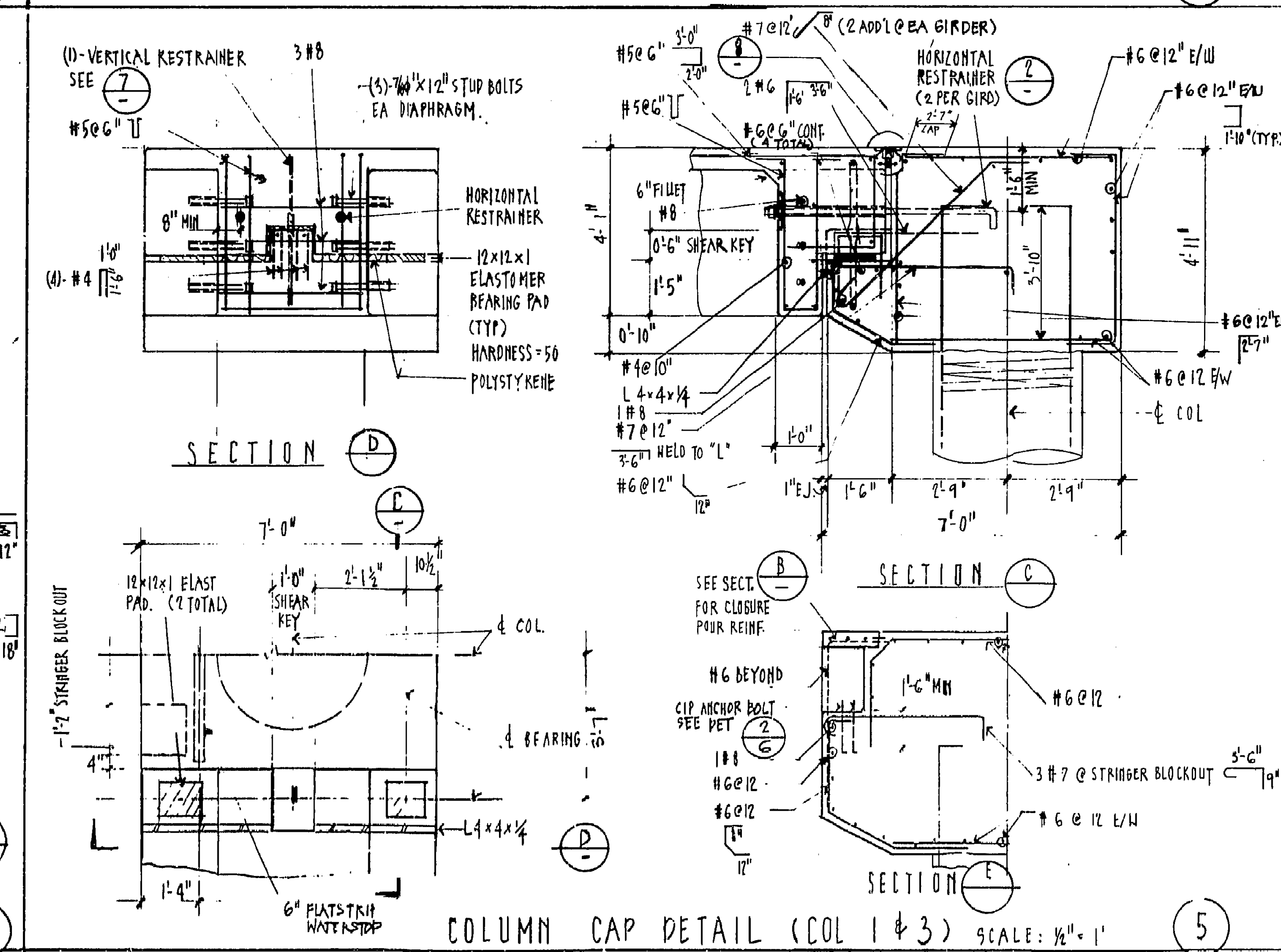
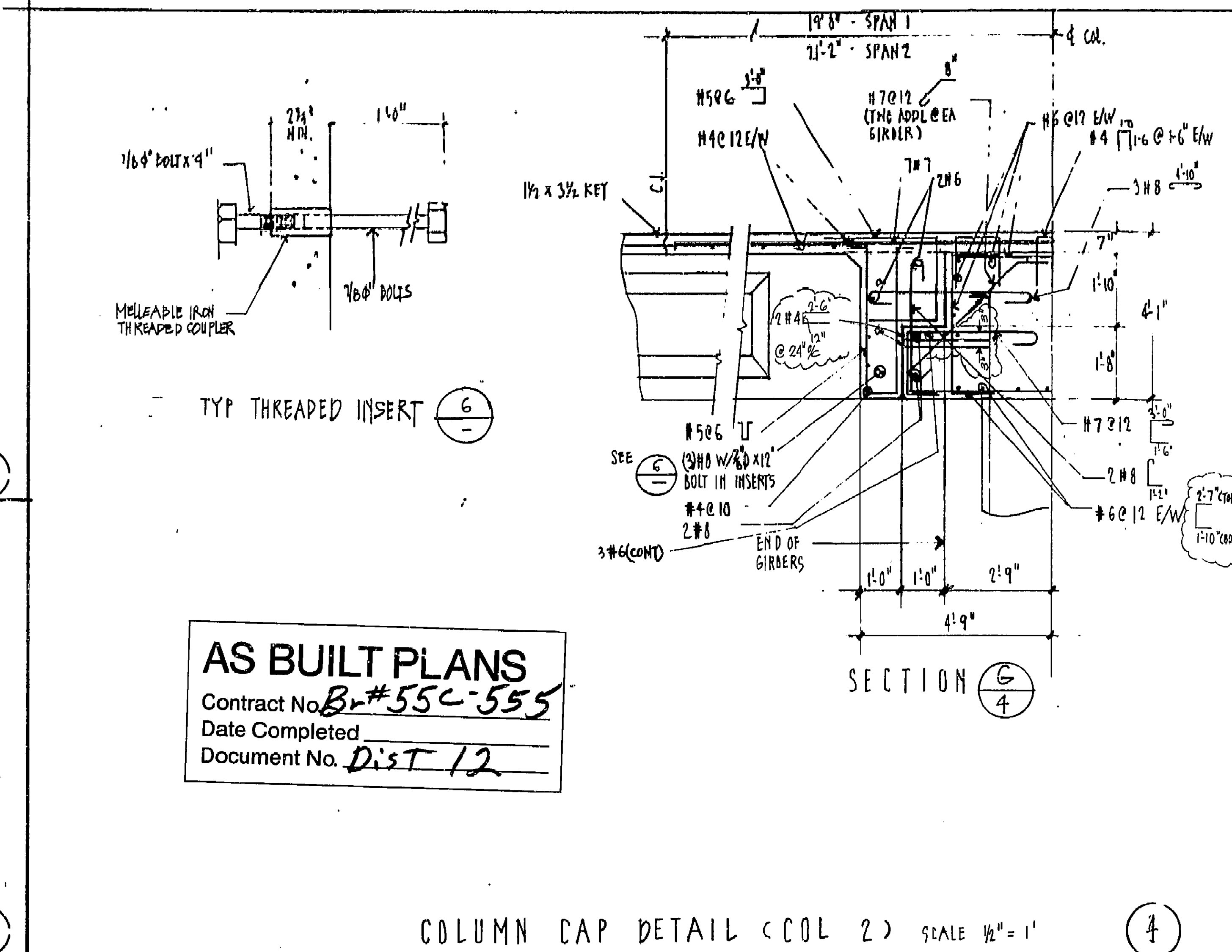
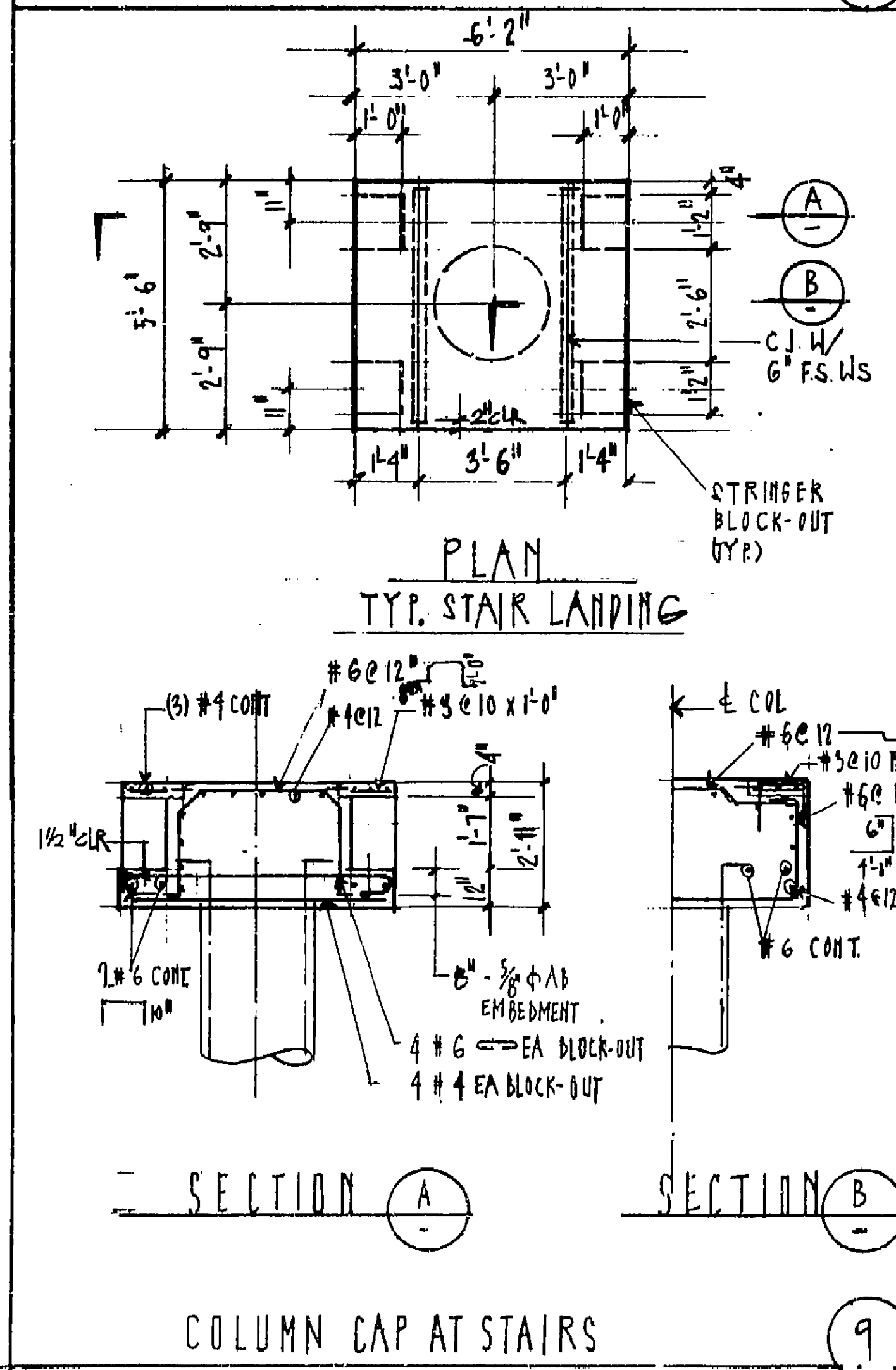
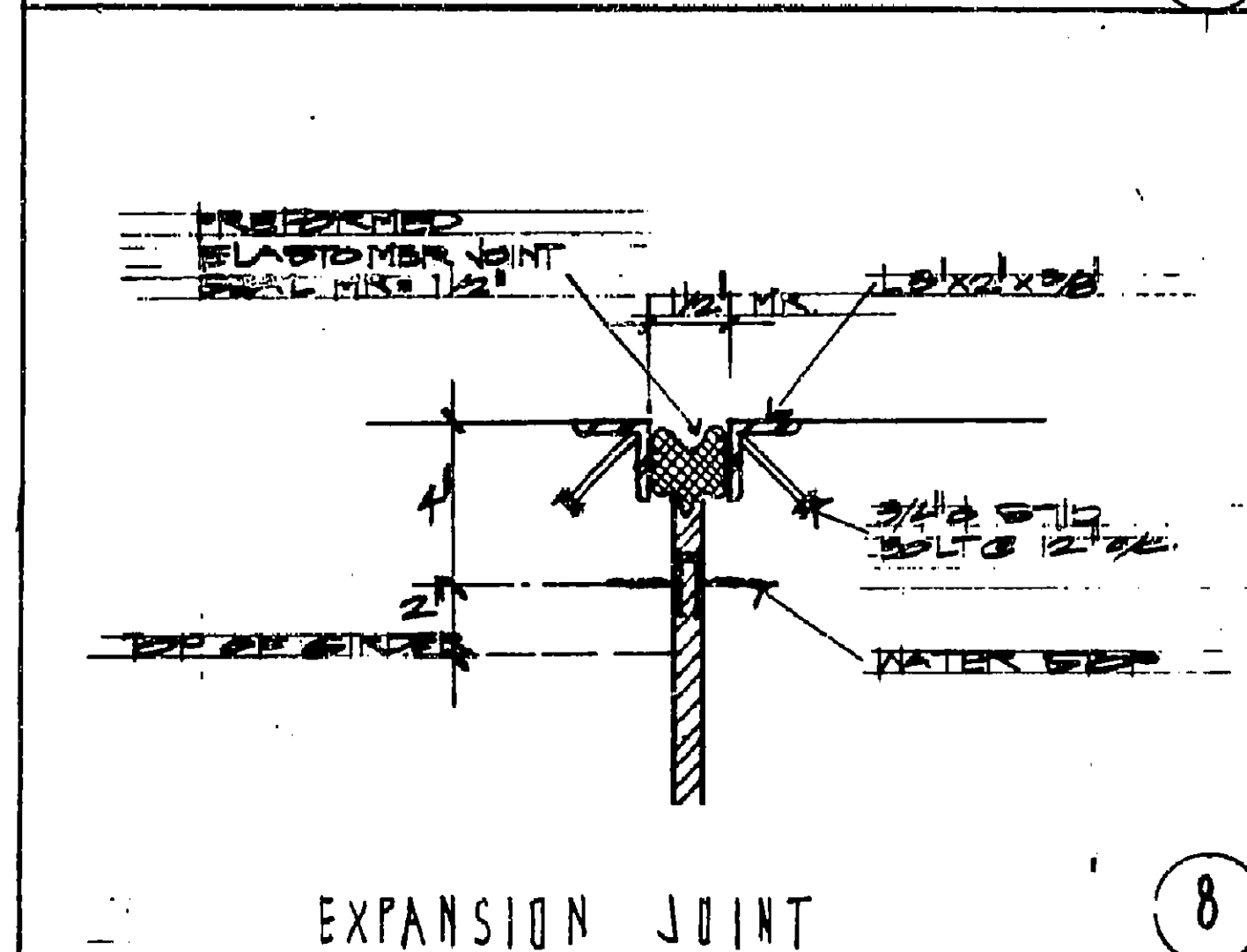
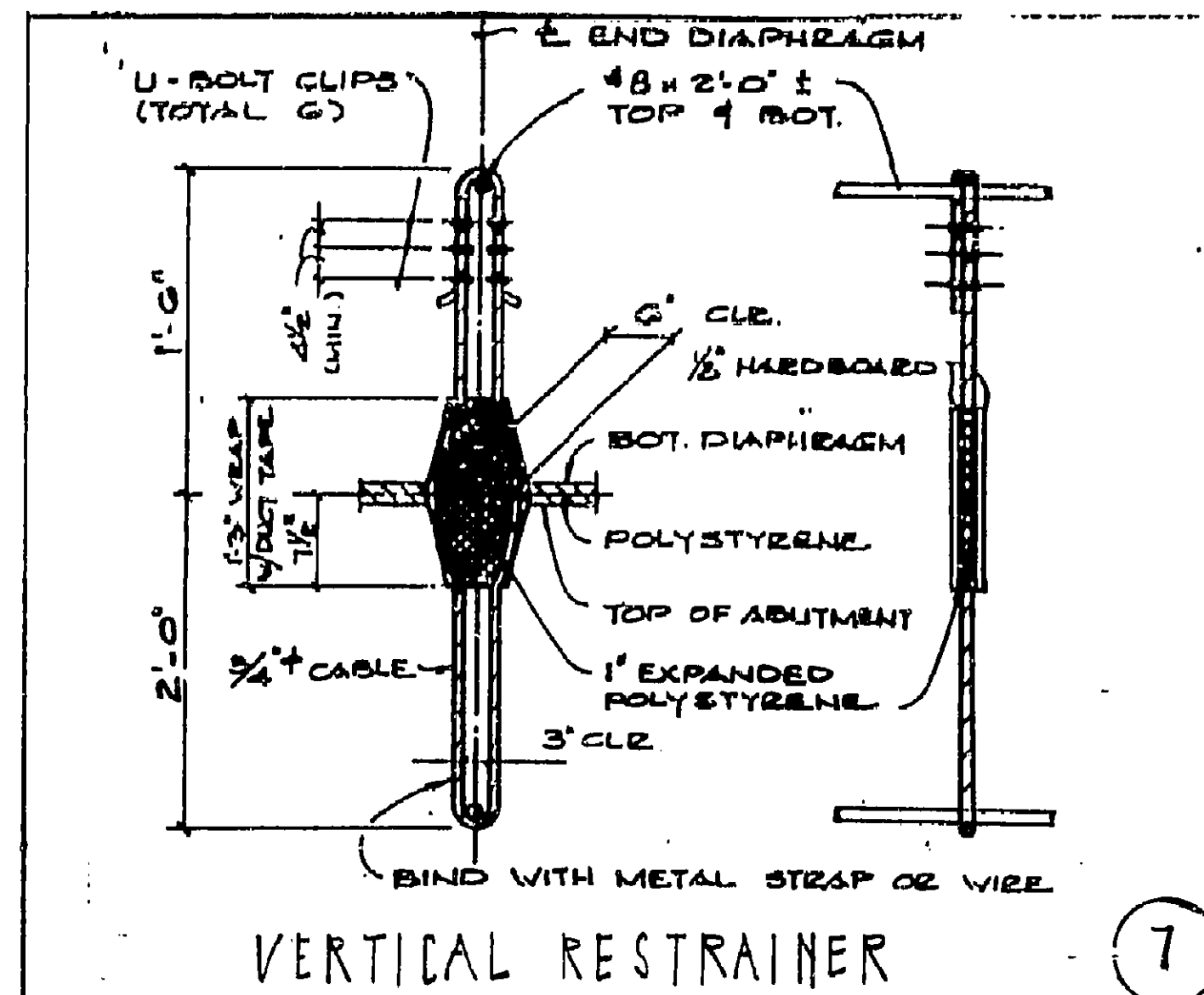
FORBES MANSHADI ENG.
 STRUCTURAL DESIGN & CONSULTING
 1822 E. 17TH ST. SUITE #208
 SANTA ANA, CA 92701
 (714) 843-8331

CAPITRANO SURF SIDE INH
 PCH PEDESTRIAN OVERCROSSING

55C-555

FILE 145-167
 1-17-85
 1-20-87

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION.
 DATE **3-26-90** SIGNATURE **Donald Blufford** TITLE **SUPERVISOR OF MICROFILM SERVICES**



AS BUILT PLANS
 Contract No. **B-55C-555**
 Date Completed
 Document No. **Dist 12**

DIMENSION TABLE

COL NO	N	S
1	1'-6"	1'-6"
2	1'-8"	1'-0"
3	1'-6"	1'-6"

CAPISTRANO SURSIDE INN
 P.C.H. PEDESTRIAN OVERPASSING

55C-555

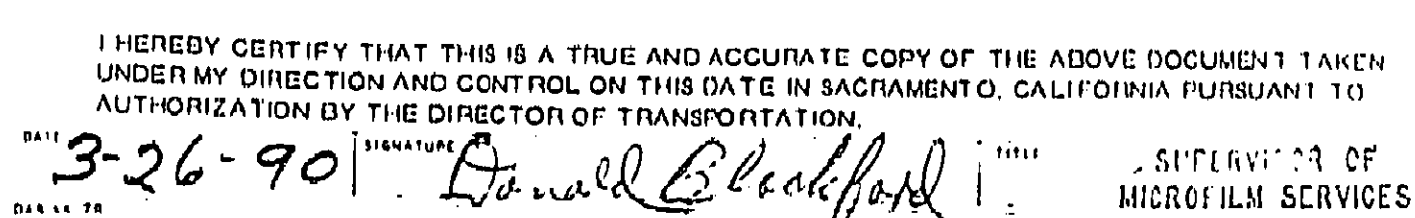
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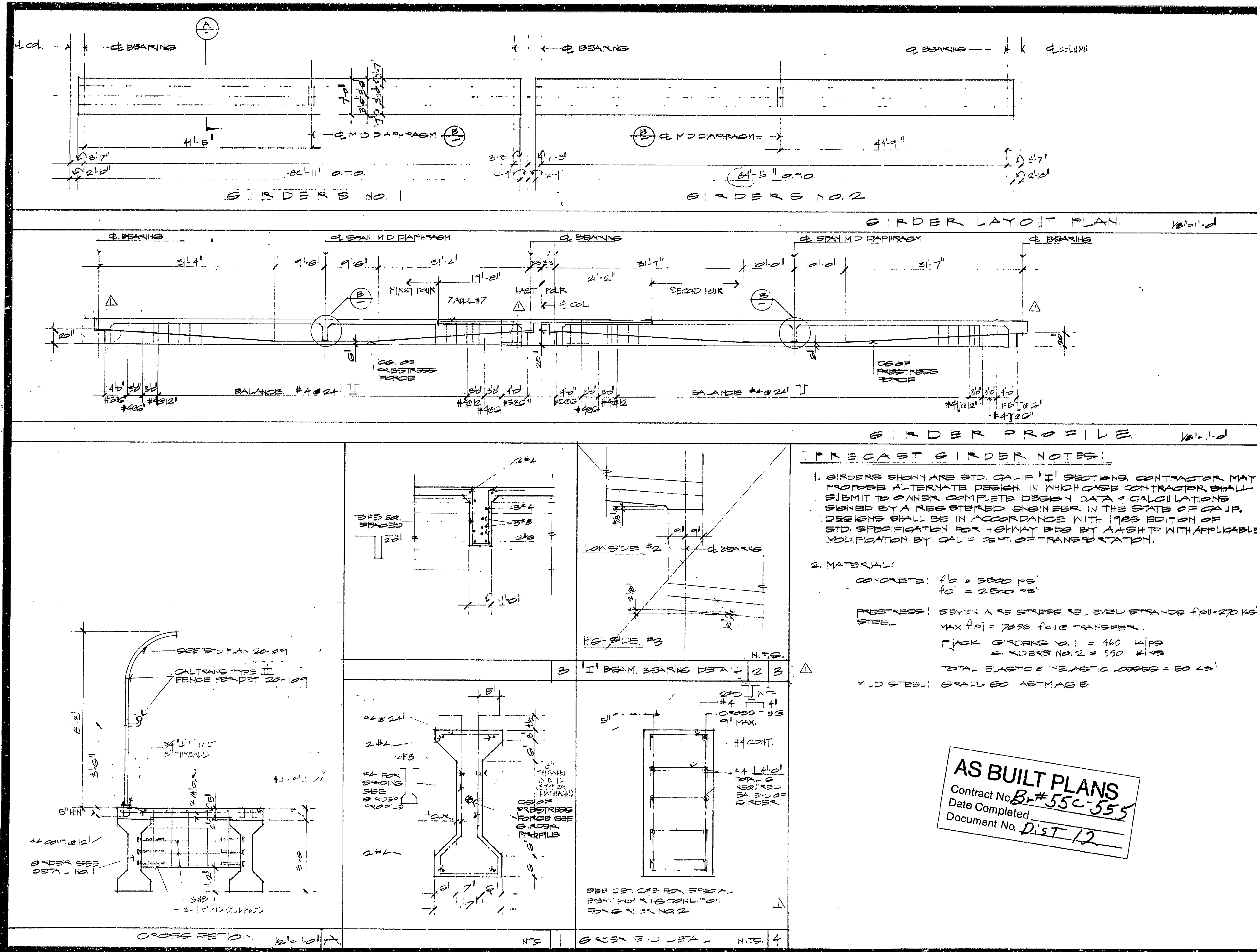
STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL SHALL CONFORM TO ASTM A-368 OR A-36. ~~GRADE 303~~ PIPES SHALL CONFORM TO ASTM A-300, GRADE A MINIMUM. FABRICATION AND ERECTION SHALL COMPLY WITH 1978 AISC SPECIFICATION.
2. WELDING SHALL CONFORM TO AWS STANDARD PRACTICE USING ELECTRIC ARC PROCESS WITH E-70 ELECTRODES AND PERFORMED BY CERTIFIED WELDERS. ALL FILLET WELD SHALL BE 3/16 INCH MINIMUM, UNLESS OTHERWISE NOTED. FLANS, ALL BUTT WELD SHALL BE FULL PENETRATION WELD. CONTINUOUS INSPECTION REQUIRED FOR FIELD WELDINGS.
3. BOLTS SHALL CONFORM TO ASTM A-307. ALL ANCHOR BOLTS SHALL CONFORM TO 1F1-104, GRADE 303 or 306. ANCHOR BOLTS SHALL BE PRESET IN CONCRETE PRIOR TO POUR. FABRICATOR SHALL PROVIDE A BOLT TEMPLATE TO THE FIELD PERSONNEL FOR ANCHOR BOLT ASSEMBLIES.
4. ALL STRUCTURAL STEEL ~~SHALL~~ SHALL BE PROVIDED WITH THE FOLLOWING MINIMUM PROTECTIVE COATING SPECIFICATION.
 - A. PRIMER: TWO COATS EPOXY PRIMER, MINIMUM 3 MIL PER COAT, 13-R-62 BY MOBIL OR EQUAL.
 - B. TOPCOAT: TWO COATS HI-BUILD EPOXY, MINIMUM 4 MIL PER COAT, HI-BUILD EPOXY 9 SERIES BY MOBIL OR EQUAL.COLOR FOR THE TOPCOAT WILL BE SPECIFIED BY OWNER.
5. WALKWAY FENCINGS SHALL BE GALVANIZED AND EPOXY COATED. ALTERNATIVE OF VINYL COATED FENCINGS IS ACCEPTABLE.
6. METAL SURFACE PREPARATION SHALL FOLLOW MANUFACTURE'S RECOMMENDATION, (AS A MINIMUM STEEL SURFACE SHALL BE BLAST CLEAN TO COMMERCIAL GRADE PER SSPC ST-6 STANDARD).
7. FORTIFICATION OF MINIMUM PROTECTIVE COATING MEETING REQUIRED MIL SPECIFICATIONS OF NOTE A ABOVE, SHALL BE SUBMITTED TO ENA.

ADDITIONAL GENERAL NOTES

1. Reinforced concrete shall be prepared in accordance with Standard Specification Section 90. All structural concrete shall be class D, containing minimum of 658 pounds of cement per cubic yard mixed.
2. Mix design prequalification is required. The report shall be provided to engineer for review prior to placement in accordance with the Standard Specification Section 90-9. Field samplings and testings shall be done in accordance with the Standard Specification Section 90-9.01.
3. Elastomer bearing pads shall be fabric reinforced neoprene as specified in the Standard Specification Section 51-1.12H(1)
4. All exposed concrete shall have class 1 finishings, with the exception of the walking surface. All walking surface and stair treads shall receive a nonskid abrasive aggregate finish as specified in Standard Specification Section 51-1.20. Furthermore, a coat of non-ferrous floor hardener such as Burke Product MC 326 shall be applied to all walking surface.
5. CONCRETE MIX SHALL CONTAIN THE FOLLOWING PROPERTIES:





FORBES MANSHADI ENG.
STRUCTURAL DESIGN & CONSULTING
1833 E. 17TH ST. SUITE #208
SANTA ANA, CA. 92701
(714) 843-8831

CAPSTRAND SURFACES
P.C.H. PEDESTRIAN OVERCROSSING

AS BUILT PLANS
Contract No. Br#55C-555
Date Completed
Document No. DIST 12

55C-555

FILE 285-367
5-13-85

3-7-87

29X

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UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO
AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION.
3-26-90
Signature: Donald Blackford
SEAL: SEAL OF THE DIRECTOR OF TRANSPORTATION
OFFICE OF THE DIRECTOR OF TRANSPORTATION