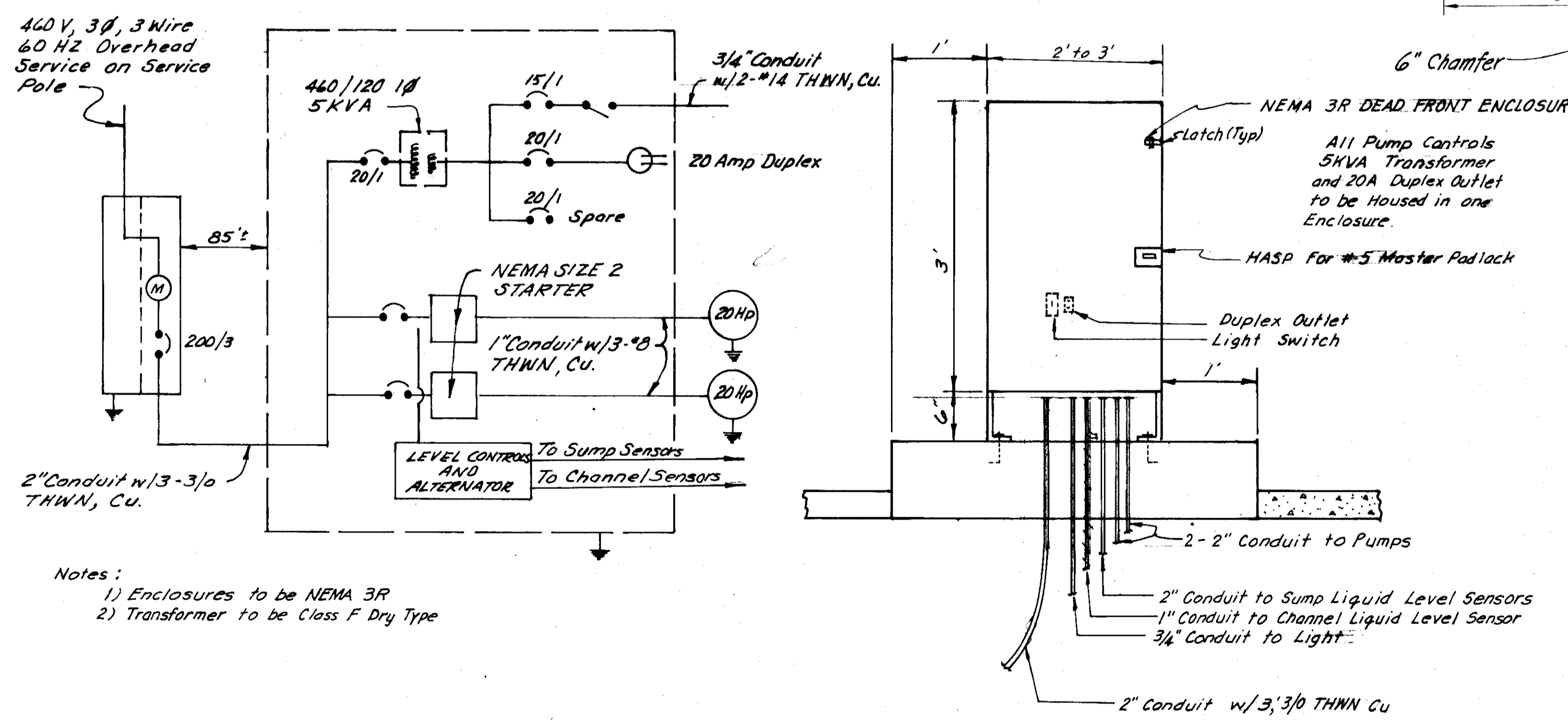


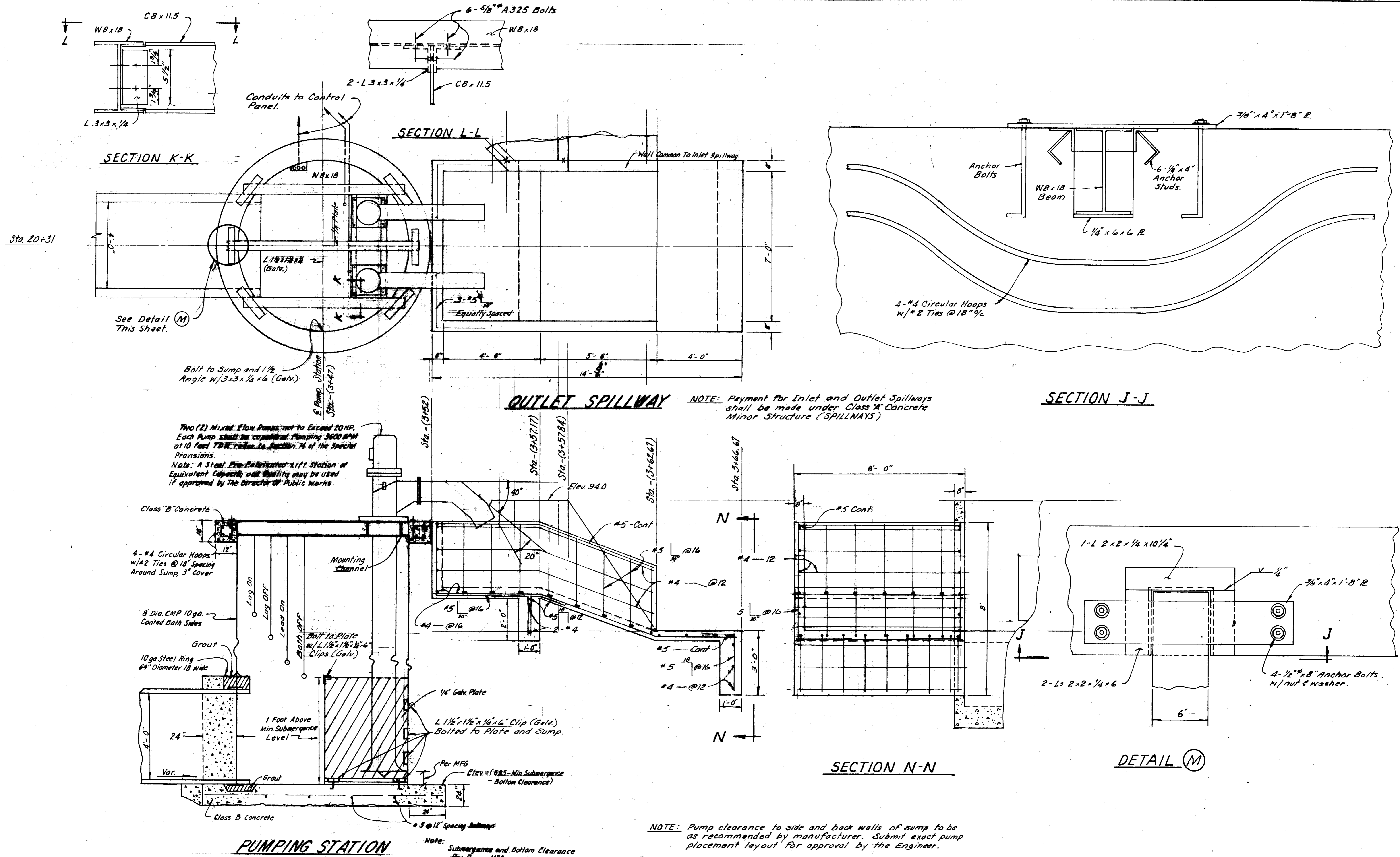
INLET SPILLWAY



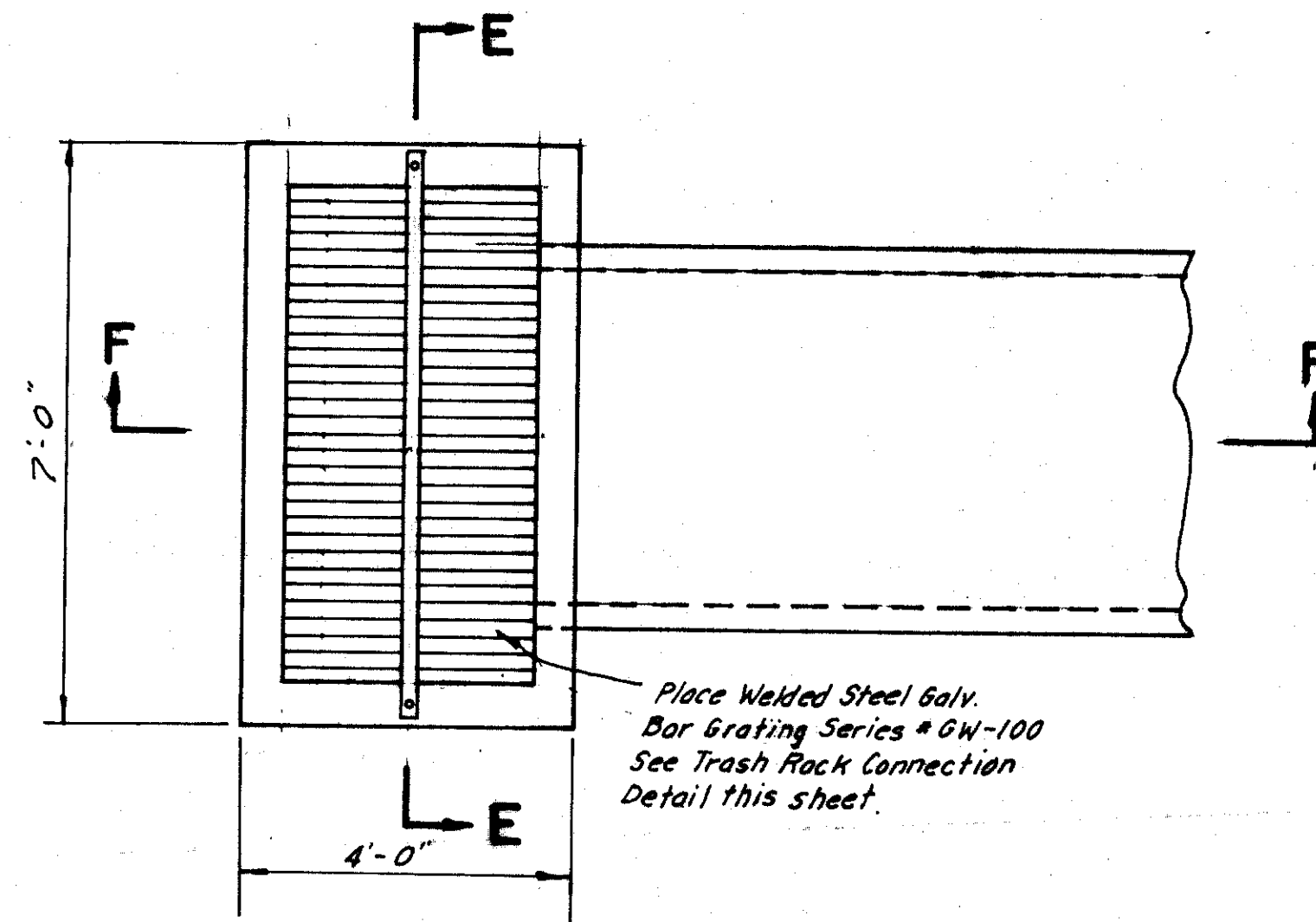
Notes:
 1) Enclosures to be NEMA 3R
 2) Transformer to be Class F Dry Type

ELECTRICAL PUMP CONTROL PANEL

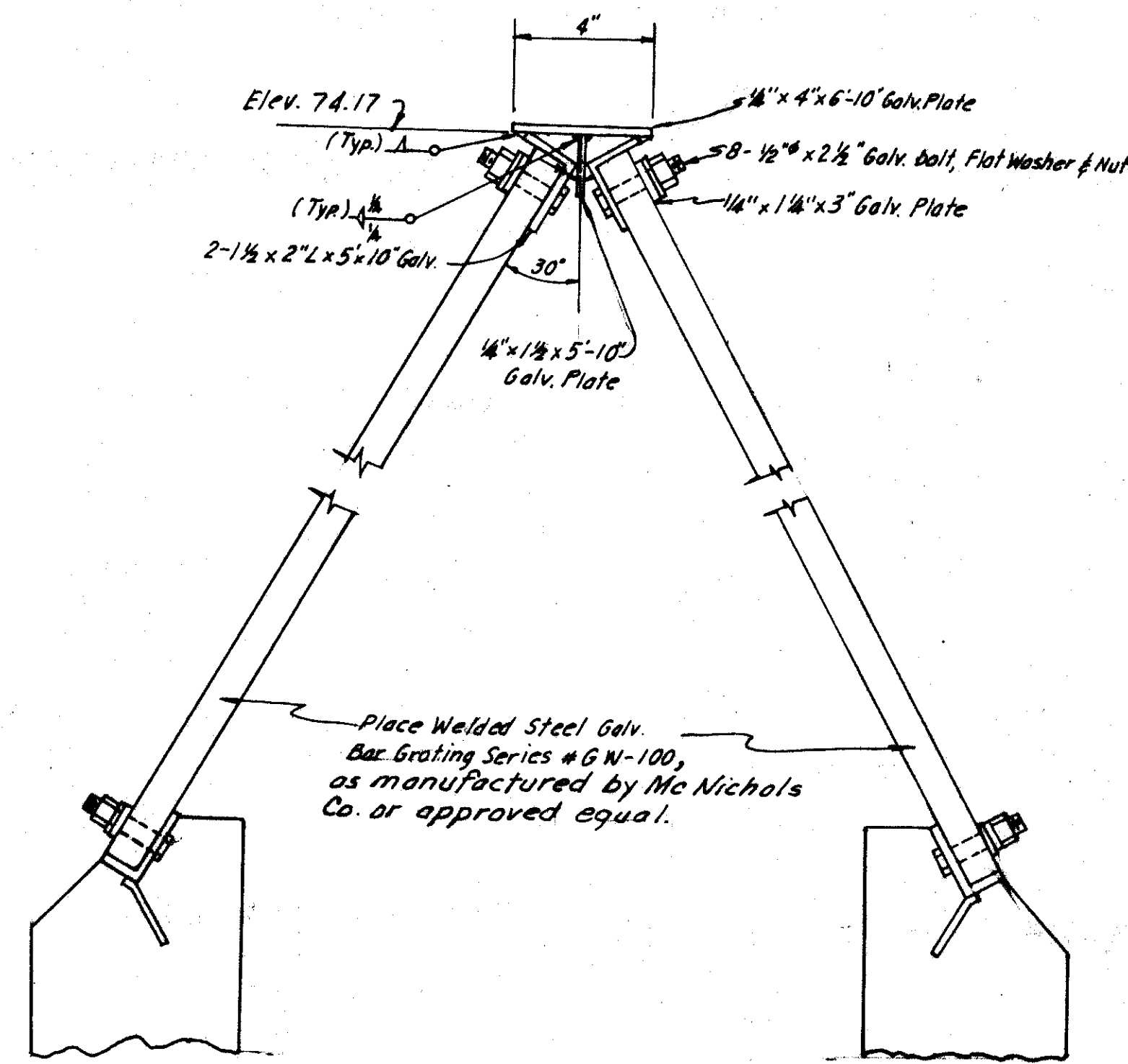
PROJECT ENGINEER <i>Charles Kelly</i>	DATE 8/87	CHECKED BY <i>Robert...</i>	DATE 9/87	SUBMITTED BY <i>Harold...</i>	DATE 9/87	APPROVAL RECOMMENDED BY <i>Ray...</i>	DATE 9/87	COUNTY OF SAN JOAQUIN	INLET, SPILLWAY & ELECTRICAL PANEL	PROJECT DRAWING NO.	HARNEY LANE SANITARY LANDFILL DRAINAGE PROJECT	SHEET NO. 7	TOTAL SHEETS 7
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PROJECT ENGINEER	DATE	CHECKED BY	DATE	SUBMITTED BY	DATE	APPROVAL RECOMMENDED BY	DATE	COUNTY OF SAN JOAQUIN	SCALE: None	DETAIL OF OUTLET SPILLWAY & PUMPING STATION	PROJECT	HARNEY LANE SANITARY LANDFILL DRAINAGE PROJECT	SHEET NO.	TOTAL SHEETS
<i>Chris Kelly</i>	8/87	<i>Chris Kelly</i>	8/87	<i>Manuel Lopez</i>	8/87	<i>Eug. Delgado</i>	8/87				DRAWING NO.		6	7

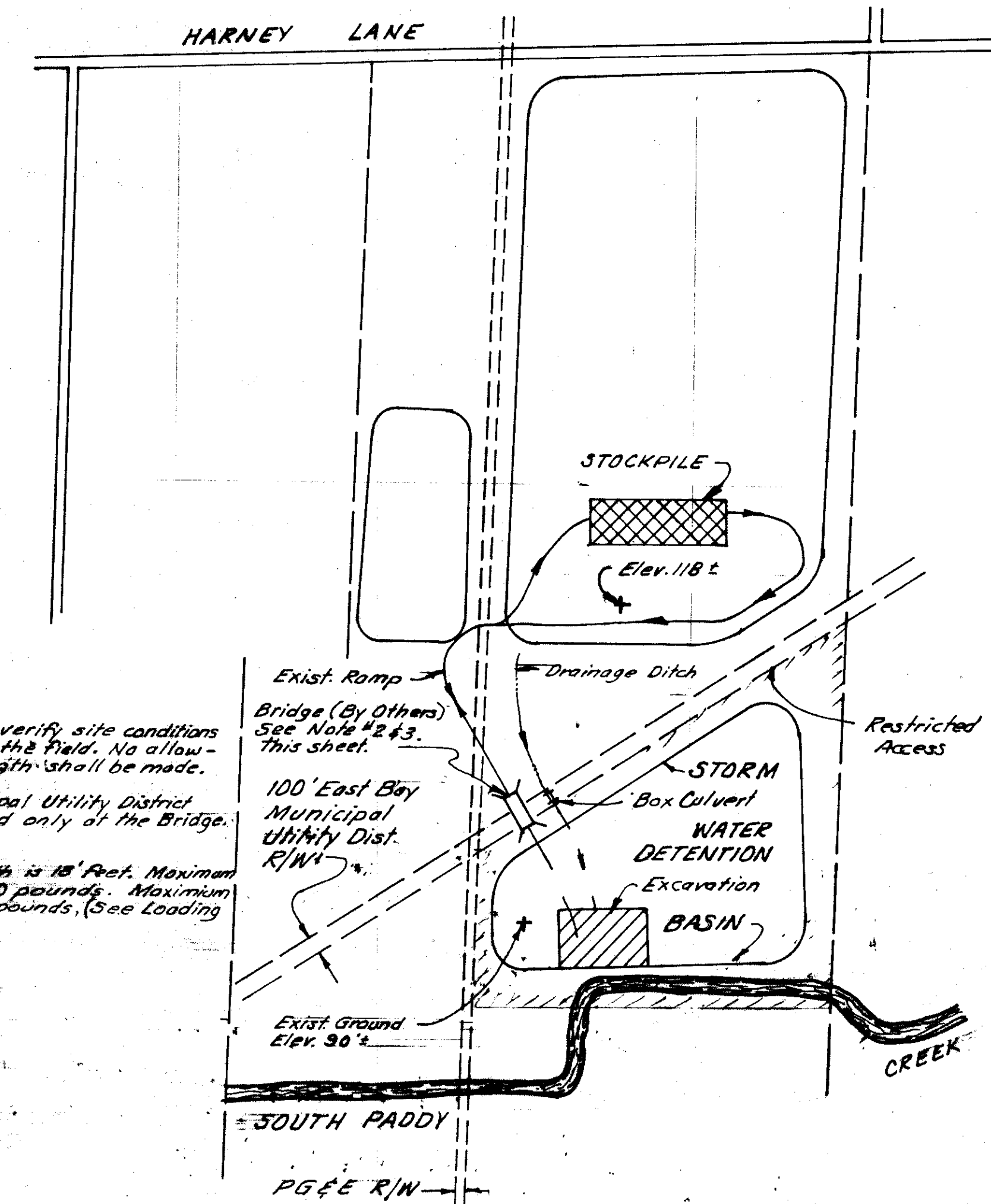


PLAN



TRASH RACK CONNECTION DETAIL

Scale: 3" = 1'-0"

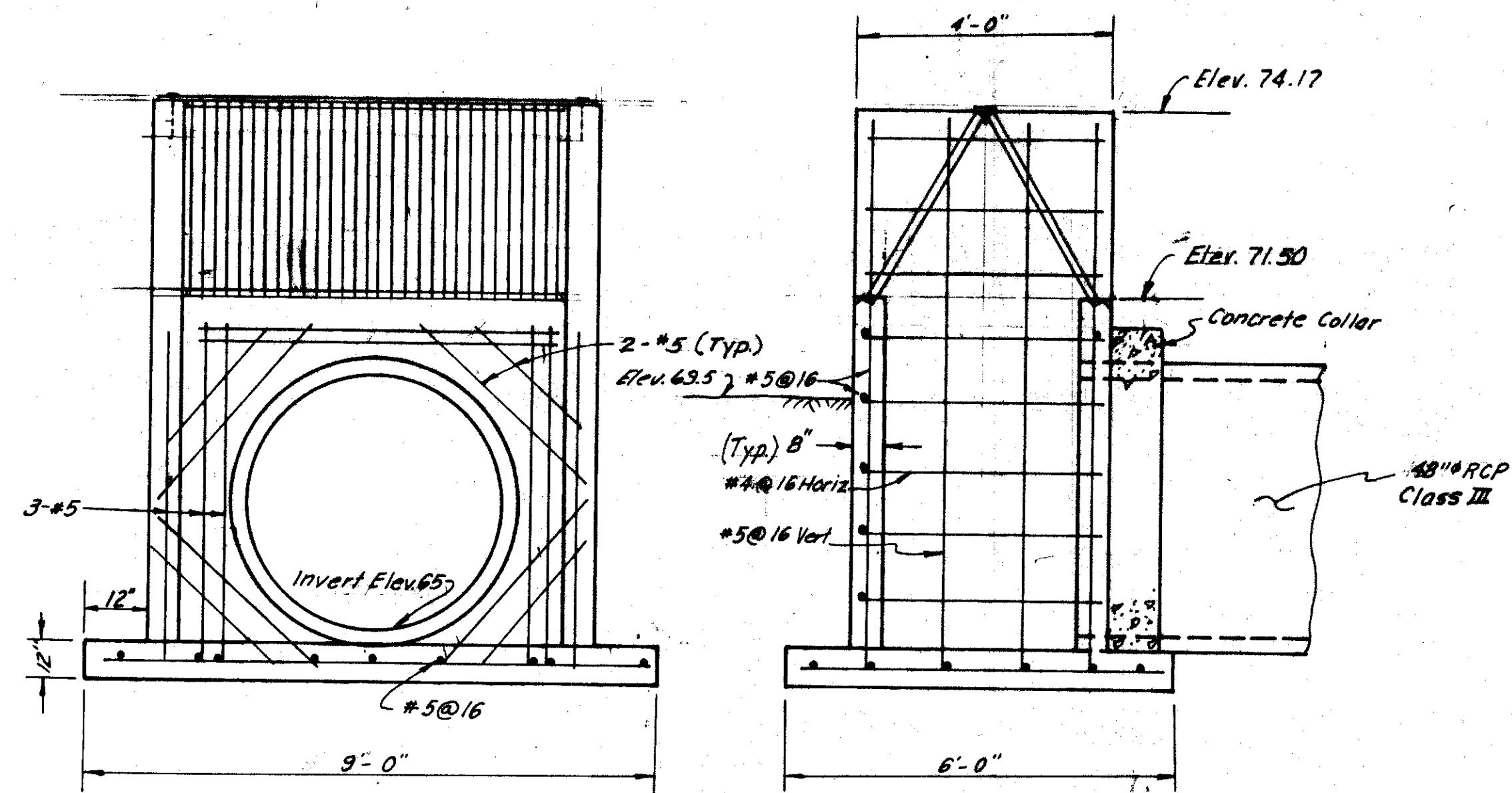


NOTES:

- Contractor shall verify site conditions and haul route in the field. No allowance for haul length shall be made.
- East Bay Municipal Utility District R/W may be crossed only at the Bridge.
- Bridge clear width is 18' feet. Maximum axle loading 75,000 pounds. Maximum total load 140,000 pounds. (See Loading Diagram).

(3500'± One Way)
HAUL ROUTE FOR EXCESS MATERIAL

SCALE: 1" = 500'



SECTION E-E

SECTION F-F

INTAKE STRUCTURE

Scale 1" = 2'

NOTE: Payment for Intake Structure shall be made under Class A Concrete Minor Structure (INLET).

ENGINEER'S QUANTITIES

No.	Item	Quant. Unit
1.	EXCAVATION PROTECTION SYSTEM	1 LS
2.	CLEARING AND GRUBBING	1 LS
3.	ROADWAY EXCAVATION (POND & ROAD)	32350 CY
4.	ROADWAY EXCAVATION (LOCAL BORROW-LEVEE)	2950 CY
5.	DITCH EXCAVATION	950 CY
6.	SAND BEDDING	80 CY
7.	CLASS 2 AGGREGATE BASE	230 CY
8.	CLASS A CONCRETE MINOR STRUCTURE (SPILLWAYS) (F)	60 CY
9.	CLASS A CONCRETE MINOR STRUCTURE (INLET) (F)	6 CY
10.	CLASS A CONCRETE MINOR STRUCTURE (HEADWALLS) (F)	22 CY
11.	PRECAST BOX CULVERT (5 X 2)	280 LF
12.	48" DIA. RCP CL. III	48 LF
13.	3' X 8' DRAINAGE GATE	2 EA
14.	PUMPING PLANT EQUIPMENT	1 LS
15.	FENCE (TYPE WH, METAL POSTS)	5500 LF
16.	18' GATE	1 EA
17.	24' GATE	2 EA

(F) DENOTES FINAL PAY QUANTITIES

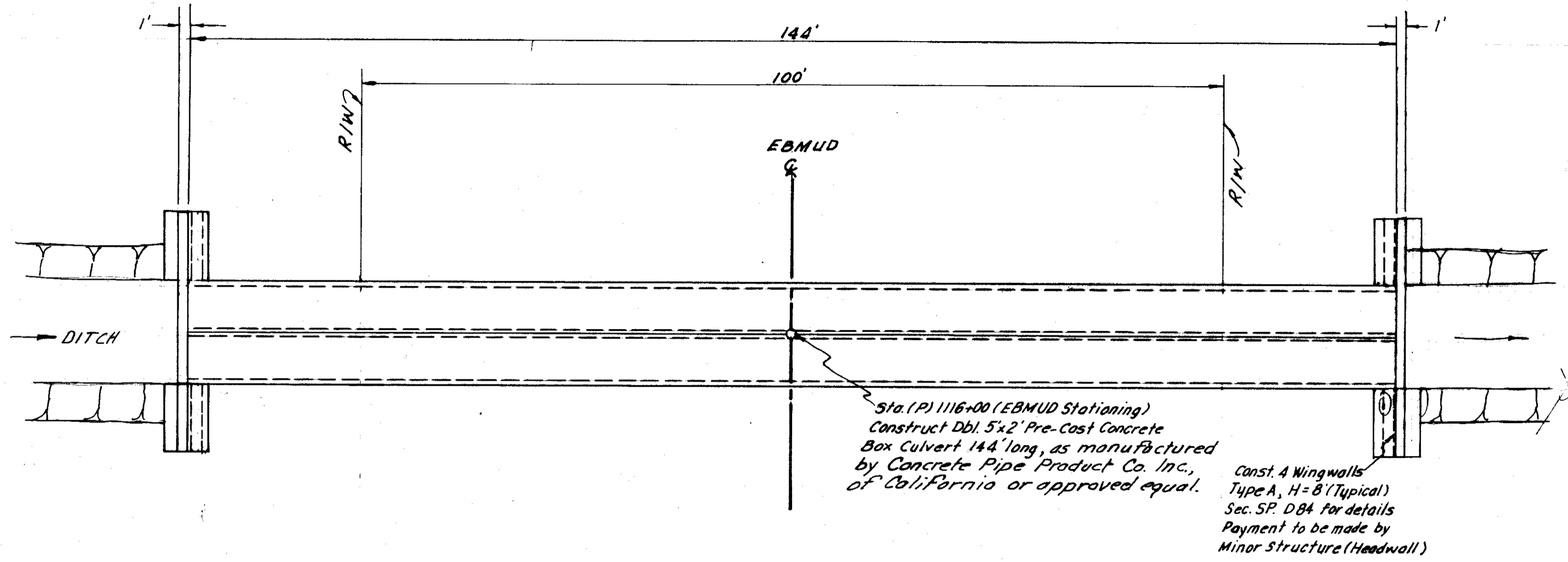
PROJECT ENGINEER	DATE	CHECKED BY	DATE	SUBMITTED BY	DATE	APPROVAL RECOMMENDED BY	DATE
Chas. Kelly	8/87	Robert Sarum	8/87	Manuel Solari	9/87	Eng. [Signature]	9/87

COUNTY OF SAN JOAQUIN

SCALE: As Shown

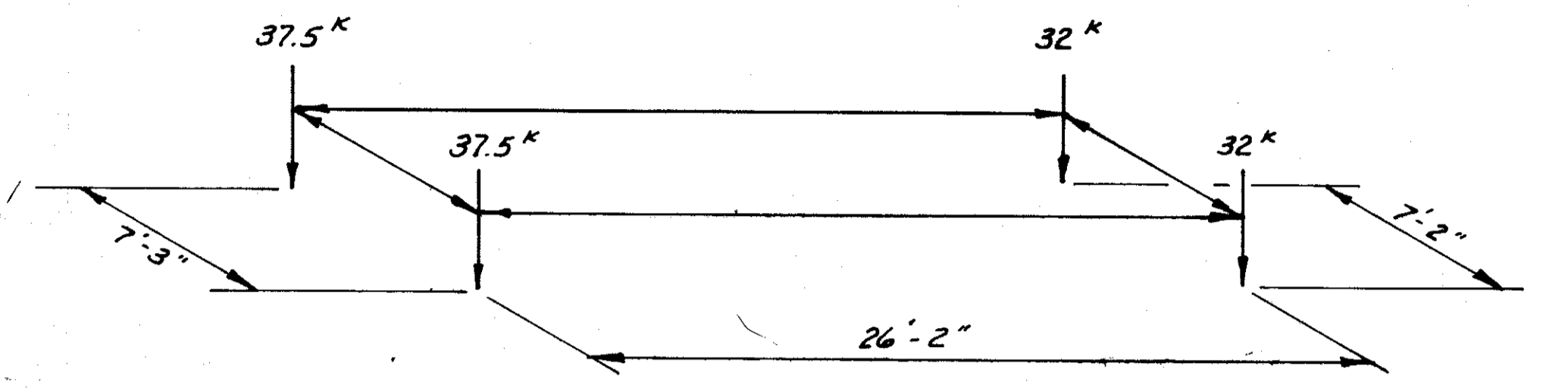
CONSTRUCTION DETAIL

PROJECT	HARNEY LANE SANITARY LANDFILL DRAINAGE PROJECT	SHEET NO.	TOTAL SHEETS
DRAWING NO.		5	7

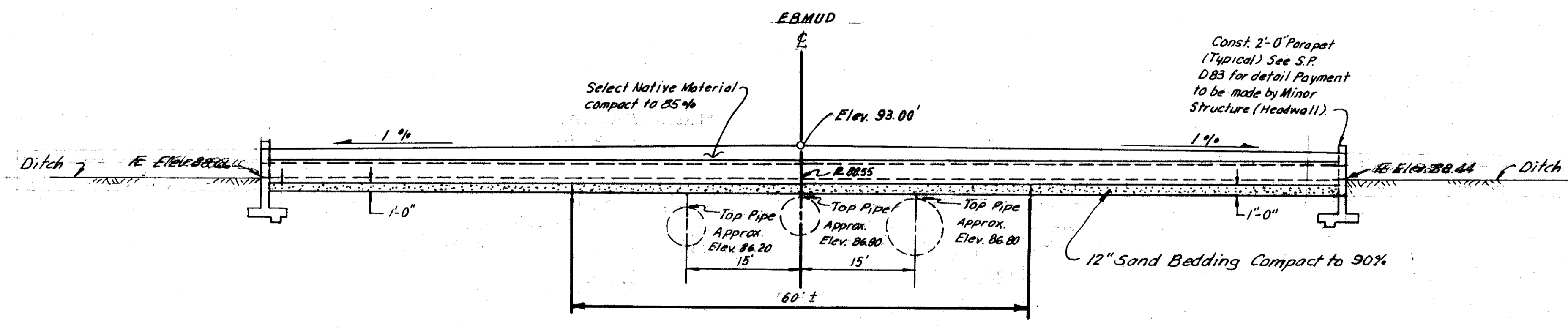


PLAN
Scale: 3/32" = 1'-0"

Sta. (P) 1116+00 (EBMUD Stationing)
Construct Dbl. 5'x2' Pre-Cast Concrete
Box Culvert 144' long, as manufactured
by Concrete Pipe Product Co. Inc.,
of California or approved equal.
Const. 4 Wingwalls
Type A, H=8' (Typical)
Sec. S.P. DB4 for details
Payment to be made by
Minor Structure (Headwall)

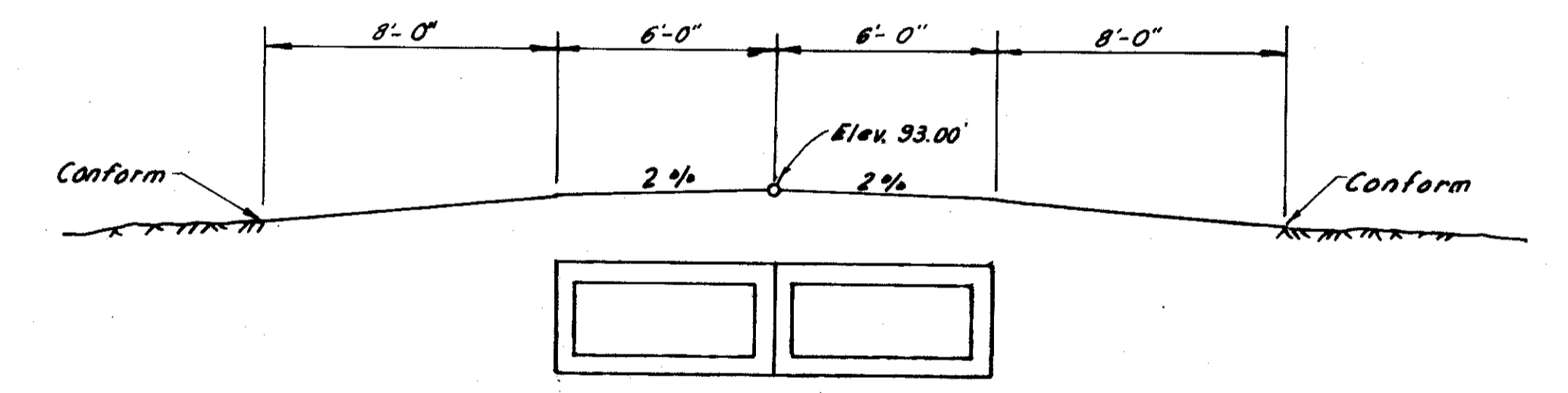


**EAST BAY MUNICIPAL UTILITY DIST. OVER CROSSING
DESIGN MATERIALS HAULING EQUIPMENT**

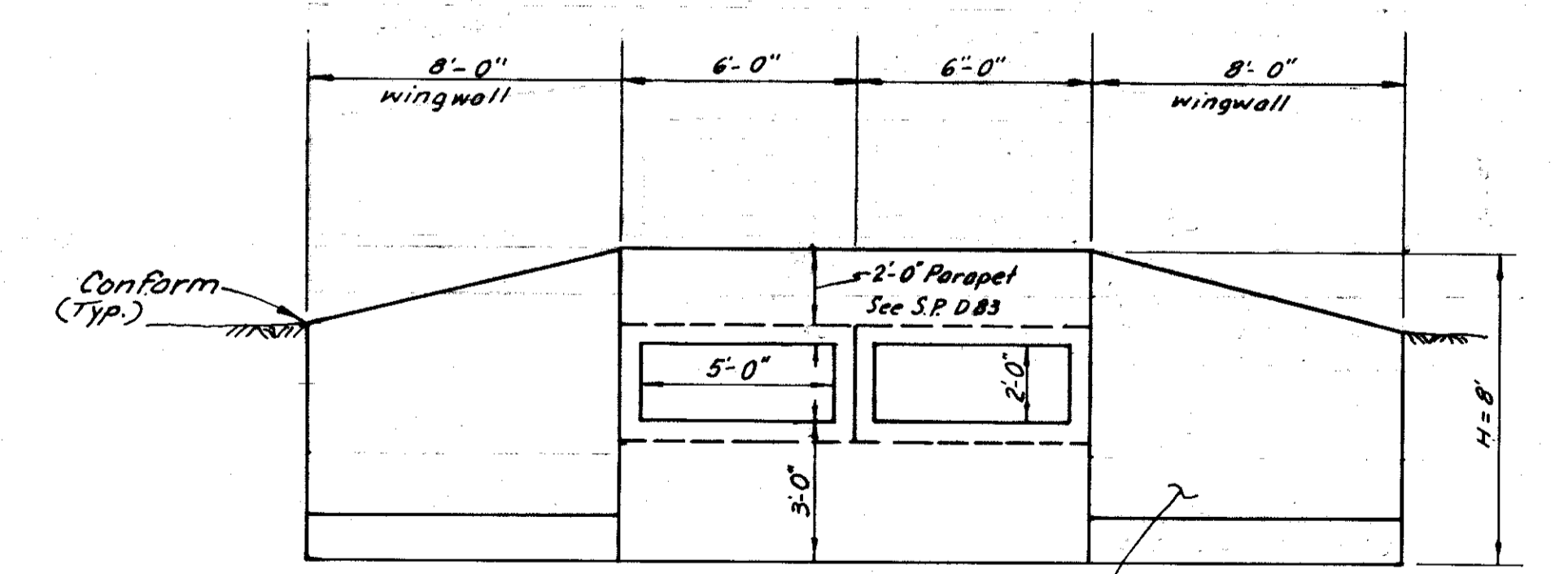


ELEVATION
Scale: 3/32" = 1'-0"

Notes: 1. The top of pipe to be verified
by the Contractor, before
commencing any work.
2. See Special Provisions for requirements
for Equipment and Work in this area. Type
of Equipment used will be restricted
according to East Bay Municipal Utility
District (E.B.M.U.D.) Policy.

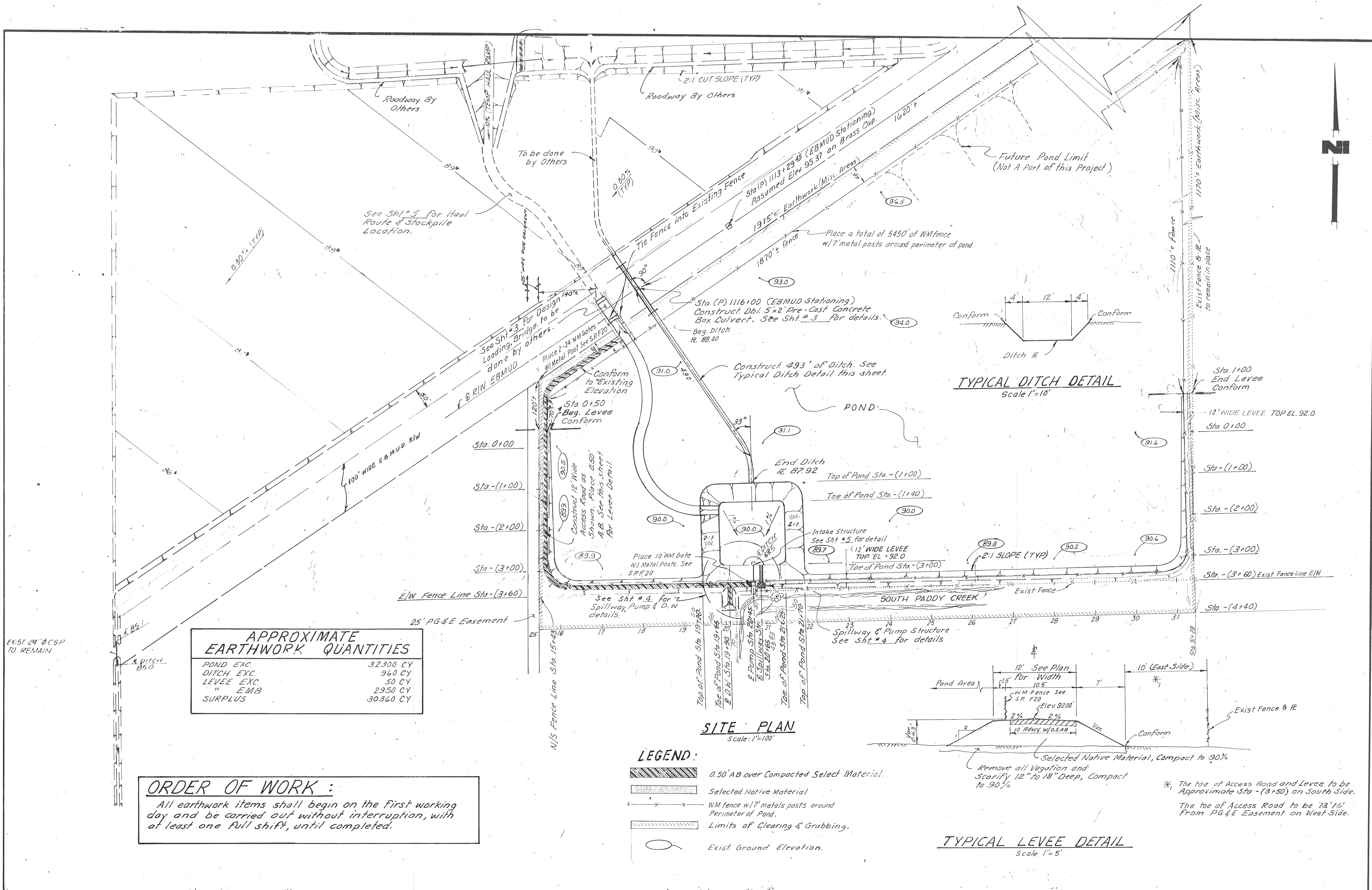


ER/W PROFILE EBMUD
Scale: 1/4" = 1'-0"



TYPICAL SECTION
Scale: 1/4" = 1'-0"

PROJECT ENGINEER	DATE	CHECKED BY	DATE	SUBMITTED BY	DATE	APPROVAL RECOMMENDED BY	DATE	COUNTY OF SAN JOAQUIN	PRE - CAST CONCRETE BOX CULVERT	PROJECT	HARNEY LANE SANITARY LANDFILL DRAINAGE PROJECT	SHEET NO.	TOTAL SHEETS
Charles Kelley	8/17	Robert Adams	8/17	Marvin Dolan	8/17	Ernest Delgado	8/17					3	7



APPROXIMATE EARTHWORK QUANTITIES

POND EXC.	32300 CY
DITCH EXC.	960 CY
LEVEE EXC.	50 CY
" EMB	2950 CY
SURPLUS	30360 CY

ORDER OF WORK :
 All earthwork items shall begin on the first working day and be carried out without interruption, with at least one full shift, until completed.

PROJECT ENGINEER <i>Clark Kelley</i>	DATE 8/87	CHECKED BY <i>Robert...</i>	DATE 8/87	SUBMITTED BY <i>McMurry</i>	DATE 8/87	APPROVAL RECOMMENDED BY <i>Engel...</i>	DATE 8/87	COUNTY OF SAN JOAQUIN	SITE PLAN	PROJECT DRAWING NO.	HARNEY LANE SANITARY LANDFILL DRAINAGE PROJECT	SHEET NO. 2	TOTAL SHEETS 7
FILE NAME NO. Subdivision	DRAWER SU	SHEET NO. 1856											

INDEX OF SHEETS

SHEET NO. 1	TITLE SHEET
SHEET NO. 2	SITE PLAN
SHEET NO. 3	PRE-CAST CONCRETE BOX CULVERT
SHEET NO. 4	SPILLWAY & PUMP STRUCTURE
SHEET NO. 5	CONSTRUCTION DETAILS
SHEET NO. 6	DETAIL OF OUTLET SPILLWAY AND PUMPING STATION
SHEET NO. 7	INLET, SPILLWAY & ELECTRICAL PANEL

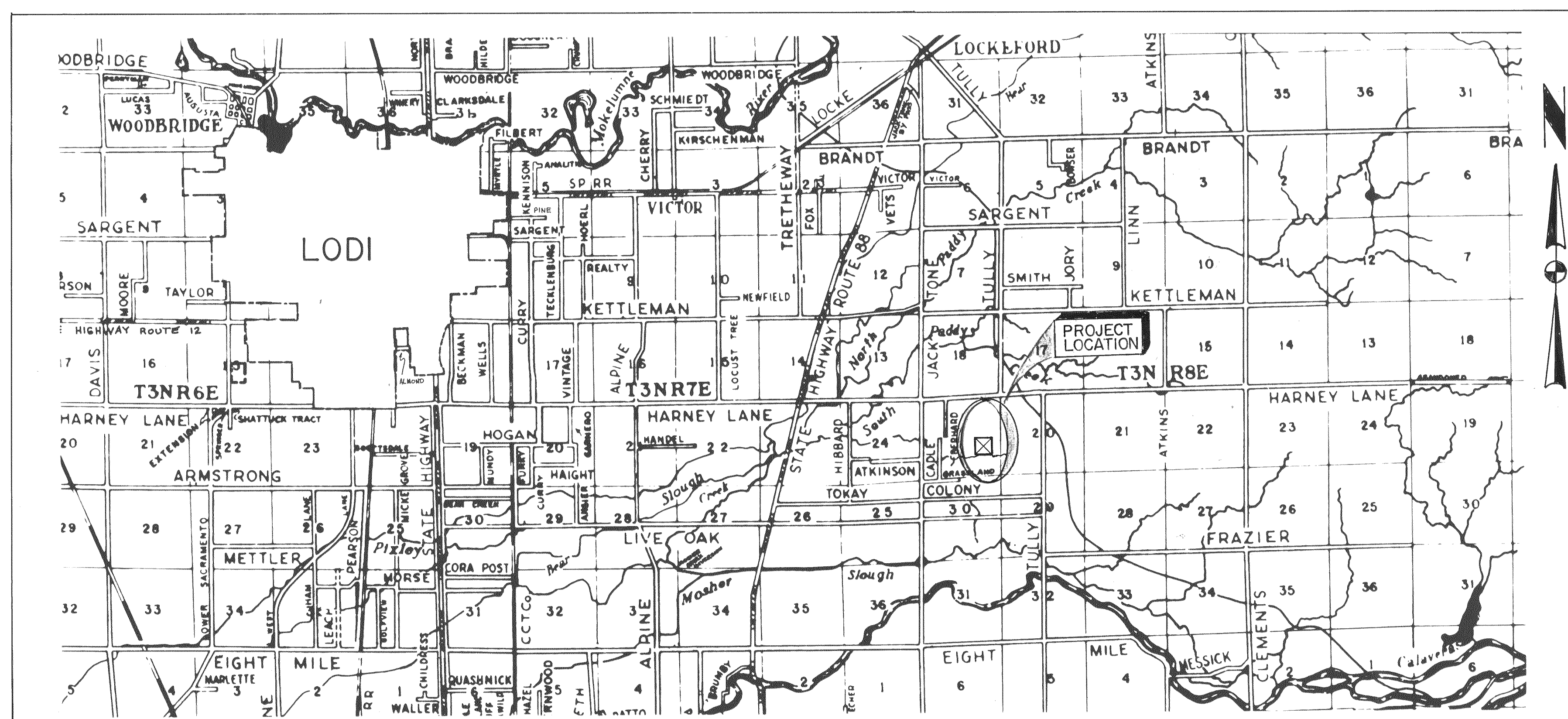
COUNTY OF SAN JOAQUIN
 DEPARTMENT OF PUBLIC WORKS
 STOCKTON, CALIFORNIA

COUNTY OF SAN JOAQUIN
 Submitted August 12, 1987
 Henry M. Hirata
 HENRY M. HIRATA R.C.E. 21258
 Director of Public Works



PROJECT PLANS FOR
 HARNEY LANE
 SANITARY LANDFILL
 DRAINAGE PROJECT

TO BE SUPPLEMENTED BY STANDARD PLANS DATED JULY 1984



RECORD DRAWING

Corrections By: S. Adiong
 No Changes By: 7/24/89
 Date: 7/24/89
 Any Person Using This Drawing Should Verify
 All Information By Inspecting The Site. T.W.P.

— ABBREVIATIONS —

- A.B. = Aggregate Base
- A.C. = Asphalt Concrete
- A.C.P. = Asbestos Cement Pipe
- A.S. = Aggregate Subbase
- Bh. Cd. = Bituminous Coated
- CL = Center Line
- C.P. = Concrete Pipe
- C.S.P. = Corrugated Steel Pipe
- C.S.P.A. = Corrugated Steel Pipe Arch
- D.I. = Drainage Inlet
- Dr. = Driveway
- E.P. = Edge of Pavement
- N.R.C.P. = Non-Reinforced Concrete Pipe
- FL = Flow Line
- L.F. = Linear Feet
- M.H. = Manhole
- O.G. = Original Ground
- P.C.C. = Portland Cement Concrete
- Pen. Tr. = Penetration Treatment
- PL = Property Line
- P.M.S. = Plant Mixed Surfacing
- R.C.P. = Reinforced Concrete Pipe
- R & D = Remove and Dispose
- R & S = Remove and Salvage
- R/W = Right of Way
- S-Dr. = Side Drain
- S.P. = Standard Plans
- X-Dr. = Cross Drain
- Alt. = Alternative
- MFG = Manufacturer

PROJECT LOCATION MAP

SCALE 1" = 1 MILE

NO	DESCRIPTION	DRWN BY	CKD BY	APP BY	DATE

Project Engineer	Date	Senior Engineer	Date	Approval Recommended By	Date
Chris Kelly	8/97	Manuel Lopez	8/87	Henry M. Hirata	8/87
FILE NAME	DRWNR	SHEET NO.			
Subdivision	SU 1857				