

GENERAL NOTES

These design drawings present the civil and structural concepts of this project and are not intended to serve as Contractor's shop drawings. Therefore, certain items shall be completely detailed on these drawings. Such items shall be constructed to same standards as shown on these design drawings.

Grading and Paving Plan shows finish grade to top of pavement and topsoil in landscaping areas.

CODES AND STANDARDS

- Uniform Building Code, Latest Edition
- ASCE Manual of Steel Construction 8th Edition
- American Welding Society
- American Institute of Steel Institute
- American Institute of Timber Construction
- Steel Deck Institute
- Title 24 of the California Administrative Code
- The Asphalt Institute
- State of California, Department of Transportation Standard Specifications
- Central Contra Costa Sanitary District Specifications
- East Bay Municipal Utility District Specifications
- All applicable codes of the City of San Ramon to the above Codes and Specifications are applicable

DESIGN LOADS

- Foot live load UBC LL 20 psf
- Roof live load UBC LL 10 psf
- Wind 70 MPH Basic Speed Pressure
- Floors 50 psf + 20 psf partition load
- Concrete Slabs LL 100 psf

MISCELLANEOUS

Ceilings, electrical fixtures and conduits, mechanical ducts shall be supported by steel joists only. Do not hang from roof deck.

FOUNDATION DESIGN

Foundation and network design is based on the report titled "Foundation Investigation for U.P.S. Distribution Facility, San Ramon, California" by Peter Kaldner & Associates, dated April 16, 1987.

- Engineered (Shrinkage) Fill: All building foundations (2'-0" minimum fill under) shall be compacted to 95% minimum relative compaction.
- DL only - 2000 psf
- DL plus LL - 3000 psf
- DL plus LL plus Wind or Seismic - 4000 psf

CONCRETE

Unless otherwise noted, reinforcing bars shall be lappped 48 diameters or a minimum of 24 inches.

All anchor bolts shall be cast-in-place and are noted A.B. on the drawings.

Concrete shall be placed in accordance with the specifications of the American Concrete Institute (ACI) 308.1R-88.

All exposed concrete corners shall be chamfered 3/4".

Concrete work shown may be precast or C.I.P. concrete at Contractor's option; subject to approval of Project Engineer of joints, details and finish surface.

Joint spacing and details in precast and cast-in-place concrete work may be changed at Contractor's option, subject to approval of Project Engineer.

PANEL

Contractor shall construct panel No. 1 and erect on a temporary foundation in general location, as directed by Project Engineer.

This panel shall be constructed in place, ready for inspection no later than 30 calendar days after the date of the contract award.

Support and bracing for the panel shall be the Contractor's responsibility.

The finished panel shall be completed in place, ready for inspection no later than 30 calendar days after the date of the contract award.

If the initial panel is not approved, the Contractor shall remove it from the site and construct additional panels until approval is obtained.

All work in connection with the initial panel is included in the Base Bid. Any work on the exterior of the panel shall be paid for at the Contractor's risk.

Any work by the Contractor which could be affected by approval or rejection of the panel(s) shall be at Contractor's risk.

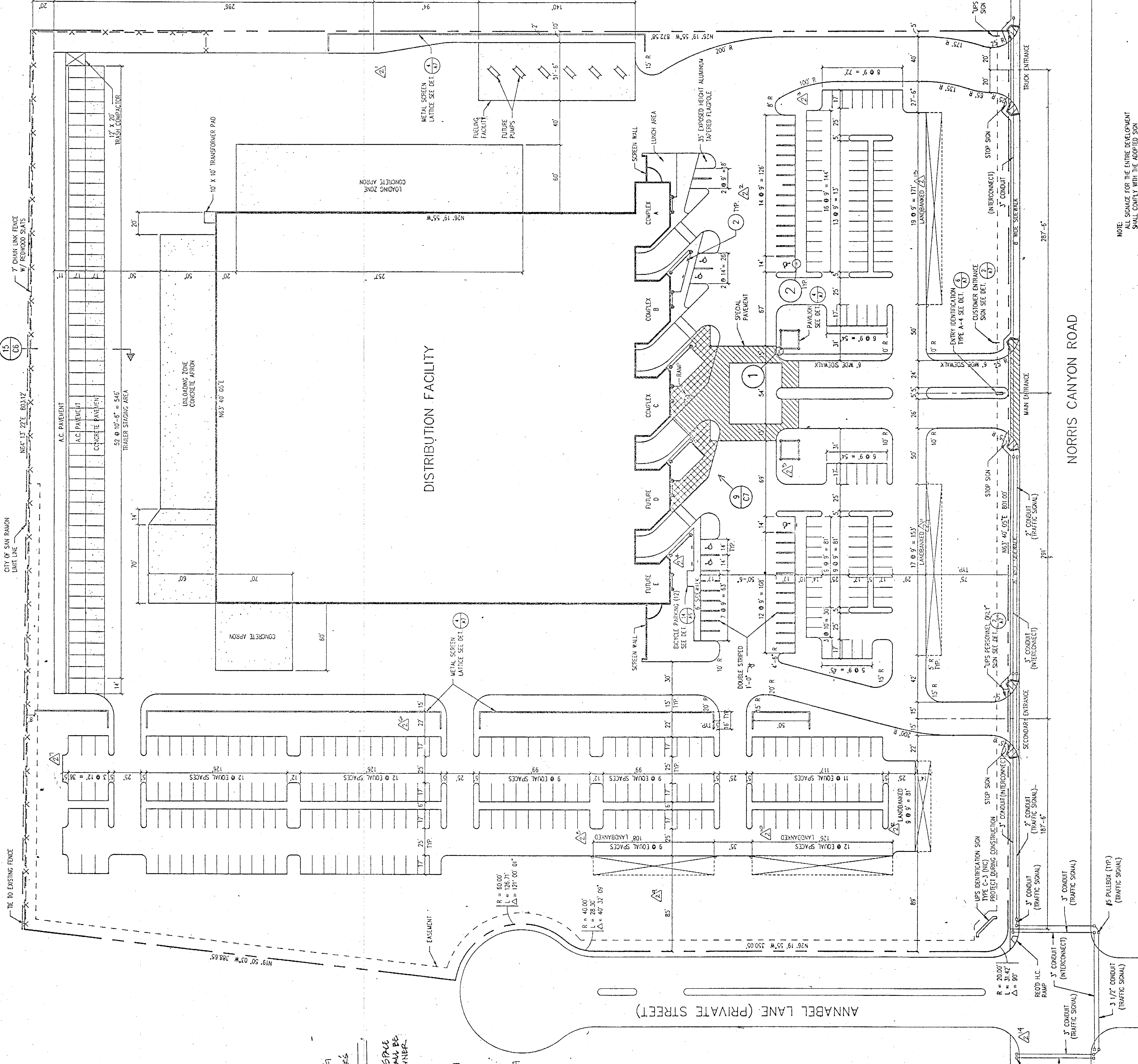
Contractor shall provide support and bracing as required to display the panel in its final position, all as approved by the Project Engineer.

Any work on the exterior of the panel shall be paid for at the Contractor's risk.

The Project Engineer shall be at the Contractor's risk.

NOTE:

All shop drawings including shop drawings for lift-up wall panels and test panels shall be reviewed and approved by Project structural engineer. These approved drawings shall be submitted to the City of San Ramon for review and approval before providing the inspection by the City.



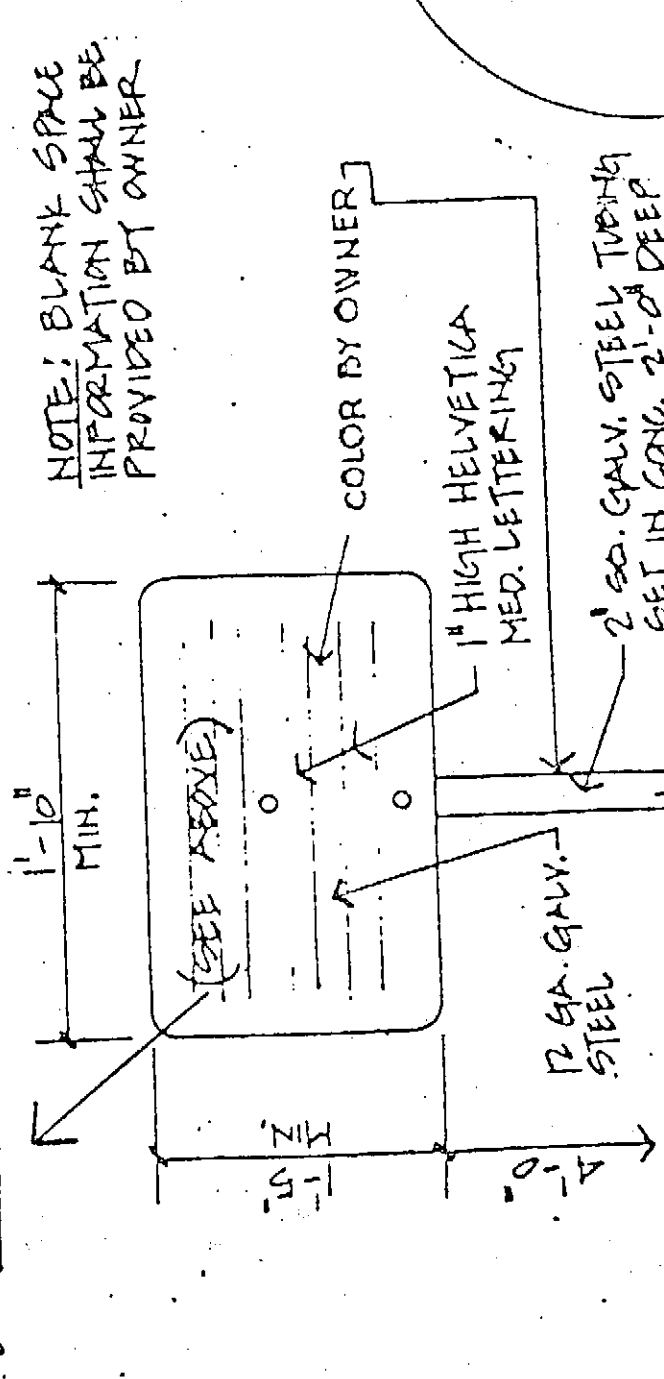
REFERENCE PLANS:

- TOPOGRAPHIC AND ALTA SURVEY - A PORTION OF LOT 1, SUBDIVISION OF THE CITY OF SAN RAMON, CALIFORNIA, SCALE 1" = 40'-0" DATED 4/29/87 PREPARED BY BRYAN AND MURPHY ASSOC., INC.
- PARCEL MAP SUBDIVISION US 48-83 SHEET 1, THRU 1 OF 3, SCALE AS SHOWN DATED JUNE 1987, PREPARED BY BRYAN AND MURPHY ASSOC., INC.

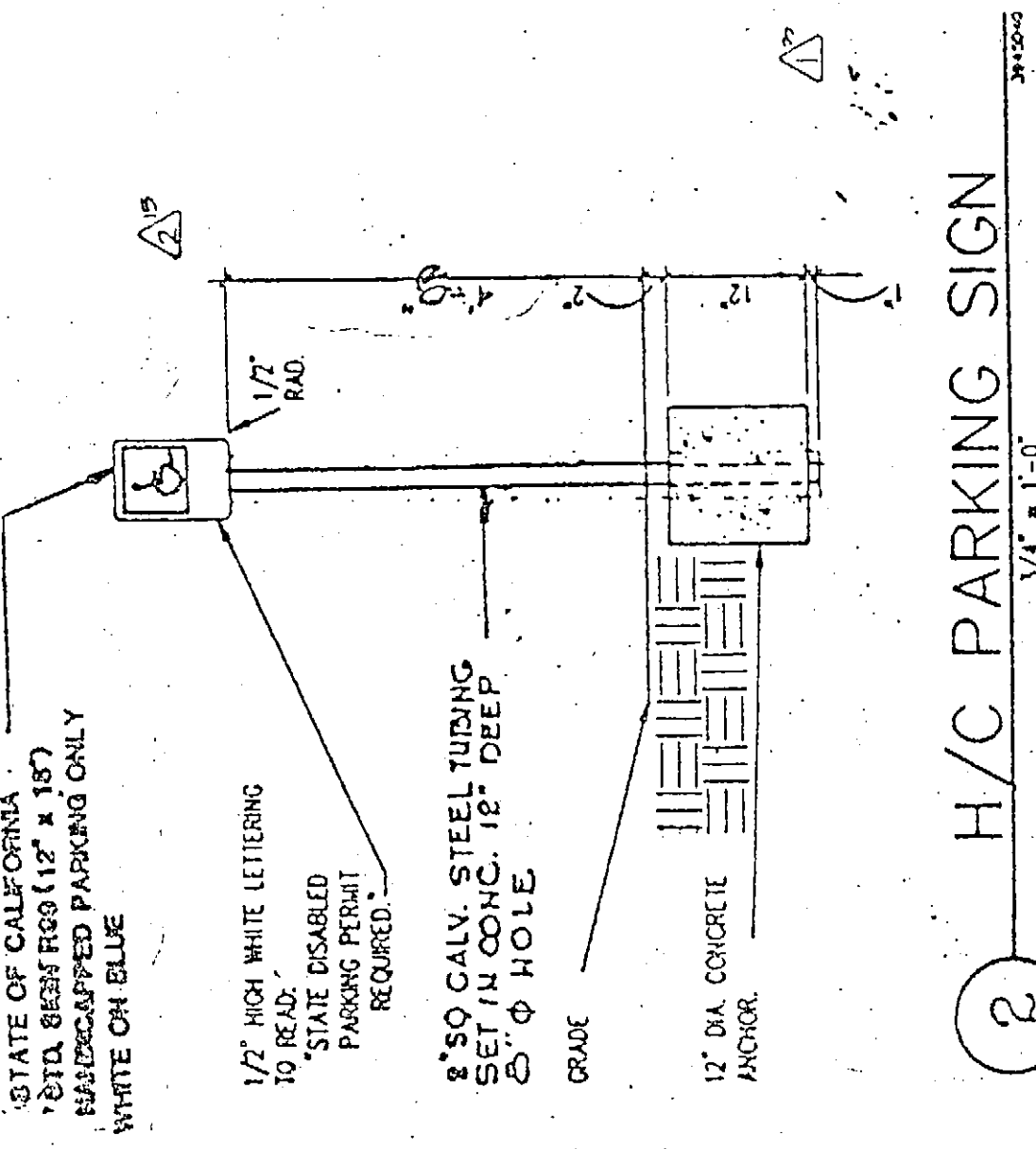
BASIS OF BEARINGS:

THE MONUMENT LINE OF NORRIS CANYON ROAD BETWEEN ANNABEL LANE AND CAJON ROAD WAS TAKEN AS THE BASIS OF BEARINGS FOR THE SUBDIVISION SURVEY RECORDED IN BOOK 14, PAGE 20, CALIFORNIA COORDINATE SYSTEM, ZONE III.

UNAUTHORIZED VEHICLES NOT DISPLAYING IDENTIFICATION PLACED OR LICENSE PLATES ISSUED FOR PARKING IN UNAUTHORIZED AREAS MAY BE TOWED AT OWNERS' EXPENSE. TOWED VEHICLES MAY BE RECOVERED AT OWNERS' EXPENSE.



1 H/C SIGN - ELEV.



2 H/C PARKING SIGN

NOTE: ALL SOURCE FOR THE ENTIRE DEVELOPMENT SHALL COMPLY WITH THE ADOPTED SON AND THE 5-2 SON REQUIREMENTS.

SITE PLAN

1" = 40'-0"

NORRIS CANYON ROAD



EXP. DATE 8/30/89

REGISTERED PROFESSIONAL ENGINEER

NORRIS A. BONNEY

NO. 1519

CIVIL

STATE OF CALIFORNIA

SITE PLAN

VALACAL CORPORATION
PARCEL DISTRIBUTION FACILITY
FOR
UNITED PARCEL SERVICE
SAN RAMON, CALIFORNIA

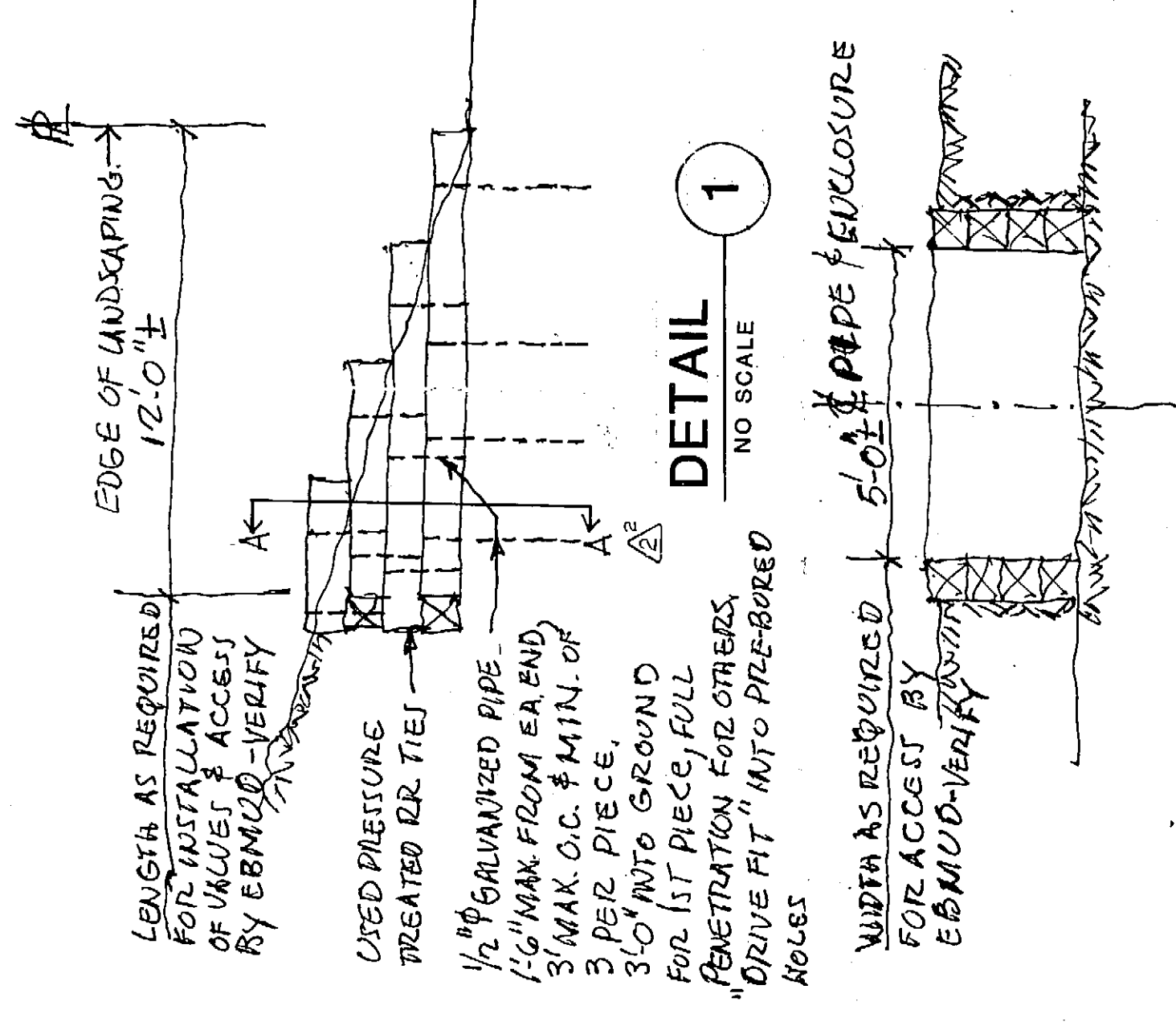
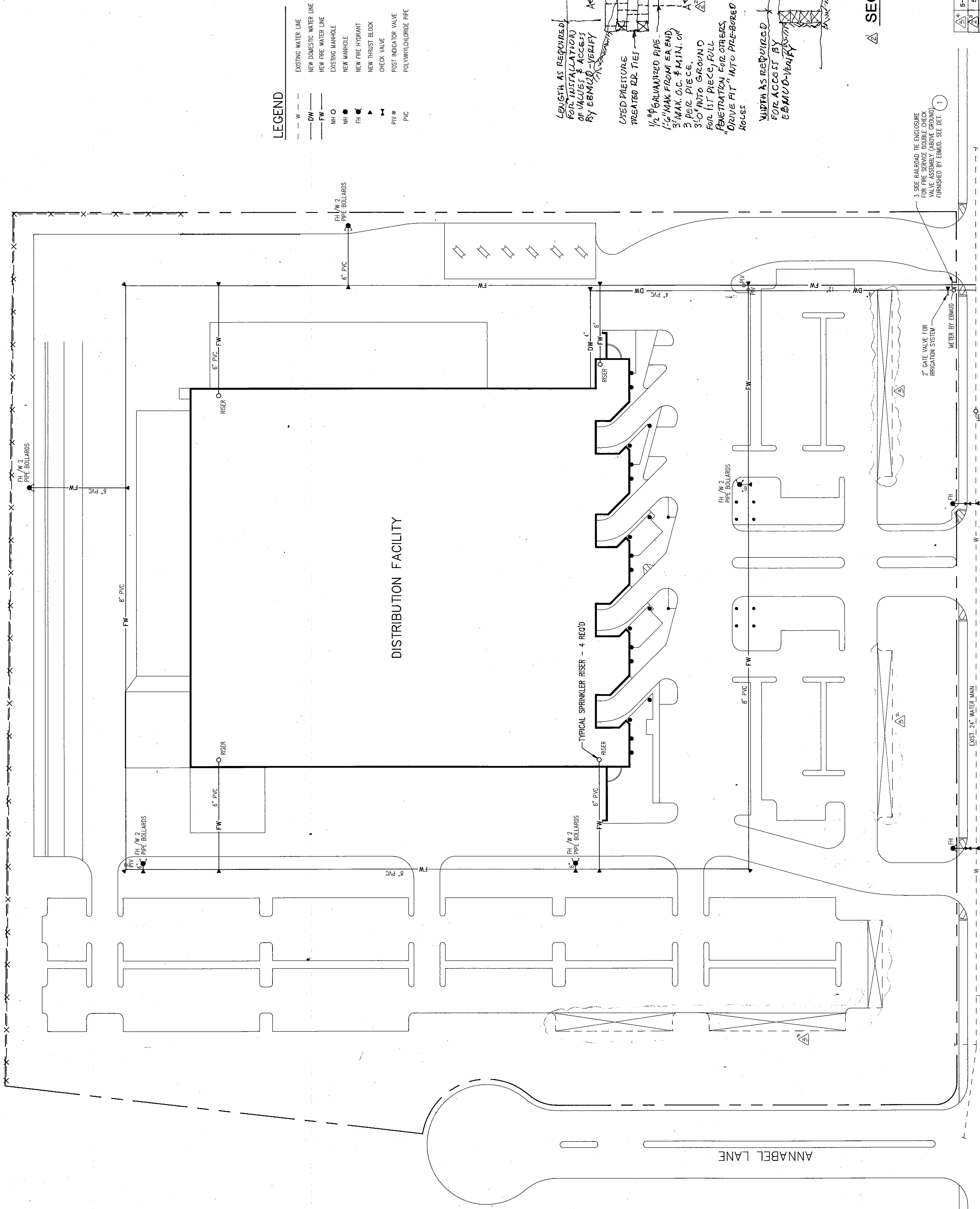
MOFFATT, NICHOL & BONNEY, INC.
ENGINEERS

PORTLAND

DRAWN BY DATE 8-15-89

CHECKED BY DATE 8-29-89

DRAWING NO. 01



SECTION A-A

NO SCALE

5-12-89	P.W. PLAN CHECK / GRADING PERMIT
5/2/89	REV./CITY PLAN REVIEW
REVISED 4-20-89	ADDENDUM NO. 1

DOMESTIC FIRE & WATER PLAN

VALACAL CORPORATION
PARCEL DISTRIBUTION FACILITY
FOR
UNITED PARCEL SERVICE
SAN RAMON, CALIFORNIA

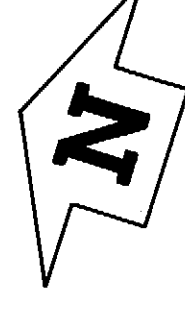
MOFFATT, NICHOL & BONNEY, INC.
ENGINEERS

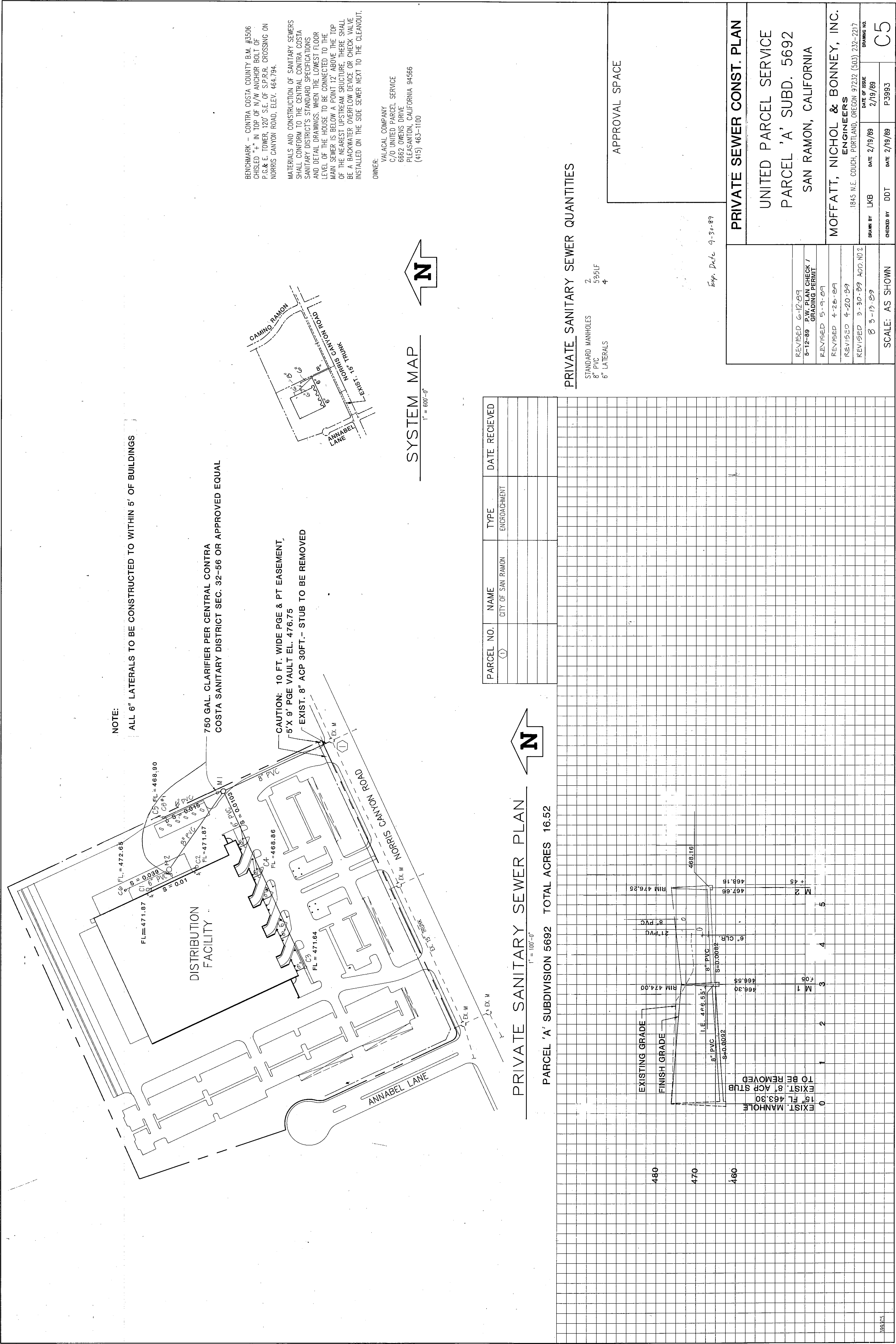
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	CHECKED BY	DATE	3993	

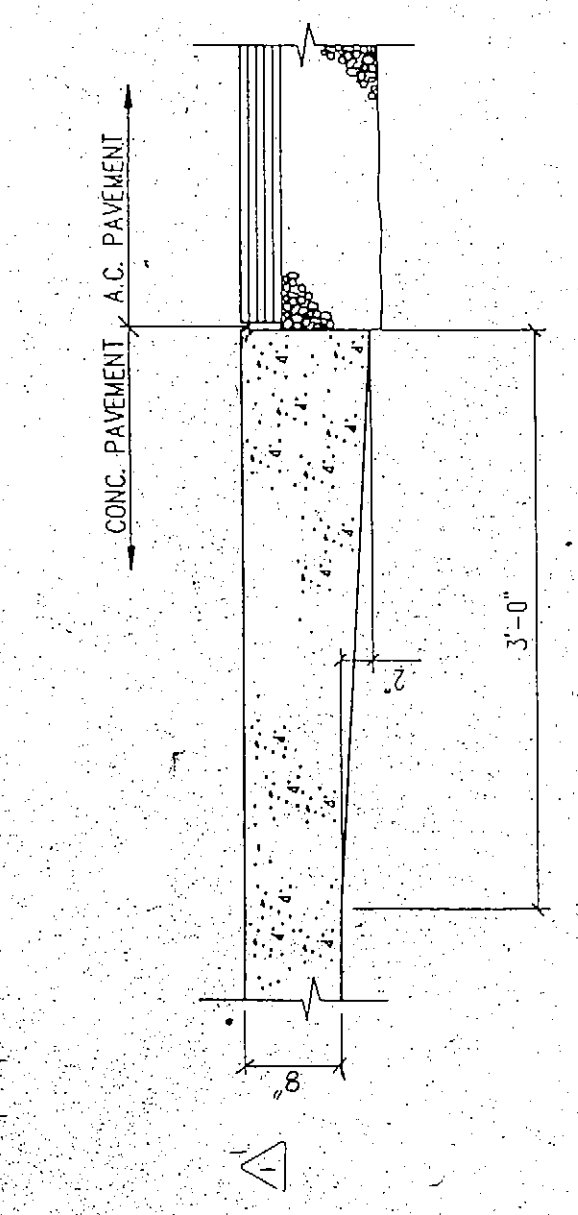
EXP. DATE

9-30-8

DOMESTIC AND FIRE WATER PLAN

$$\underline{1'' = 40'-0''}$$


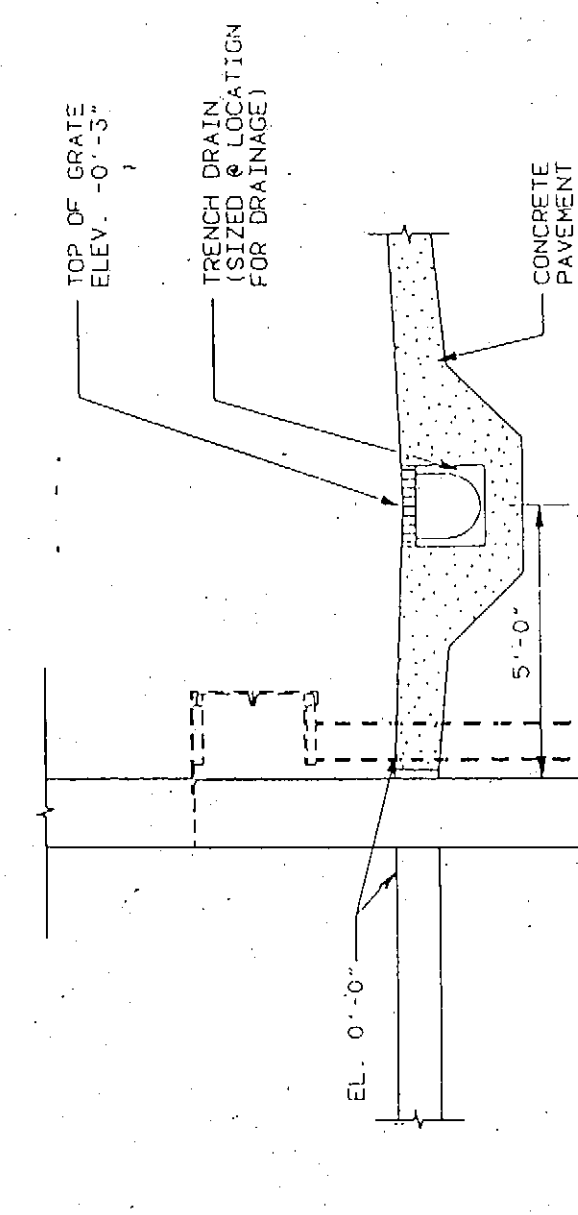




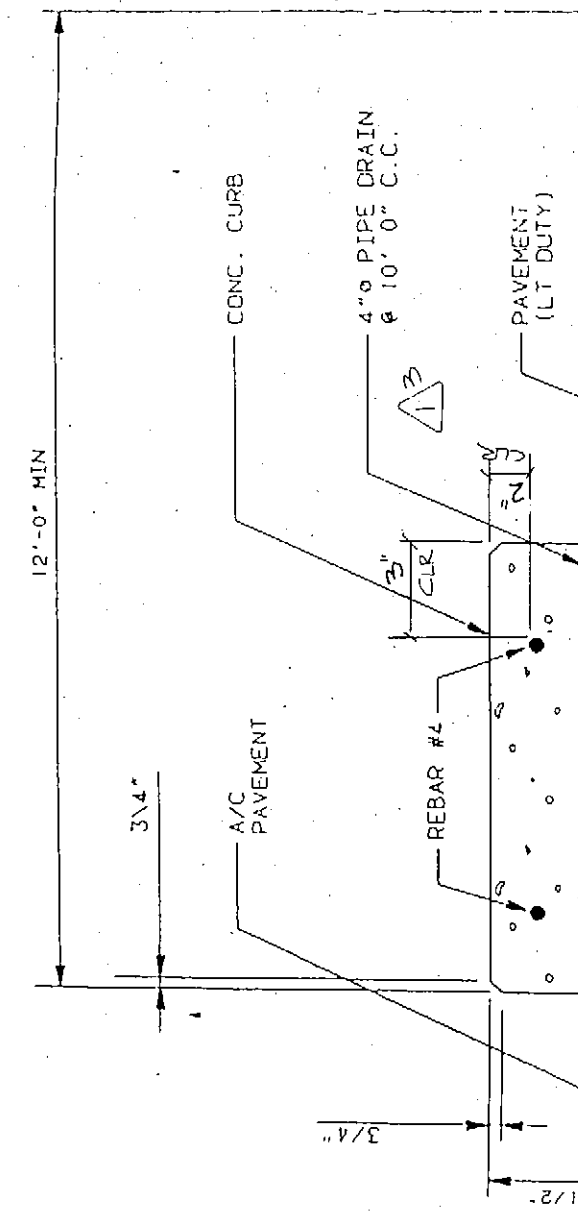
1 TO CONCRETE PAVEMENT
1' = 1'-0"



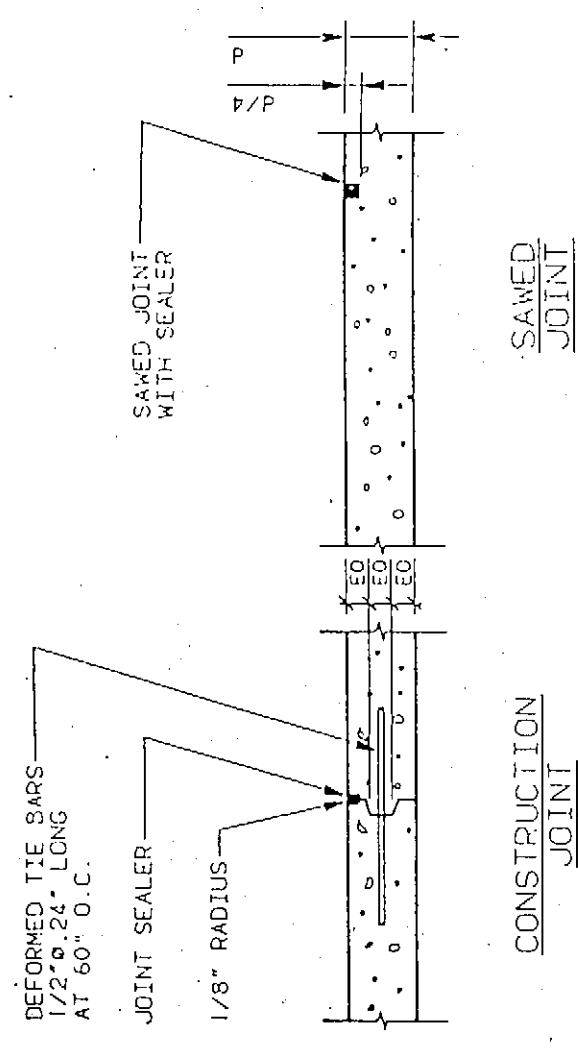
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CONCRETE PAD
1' = 1'-0"



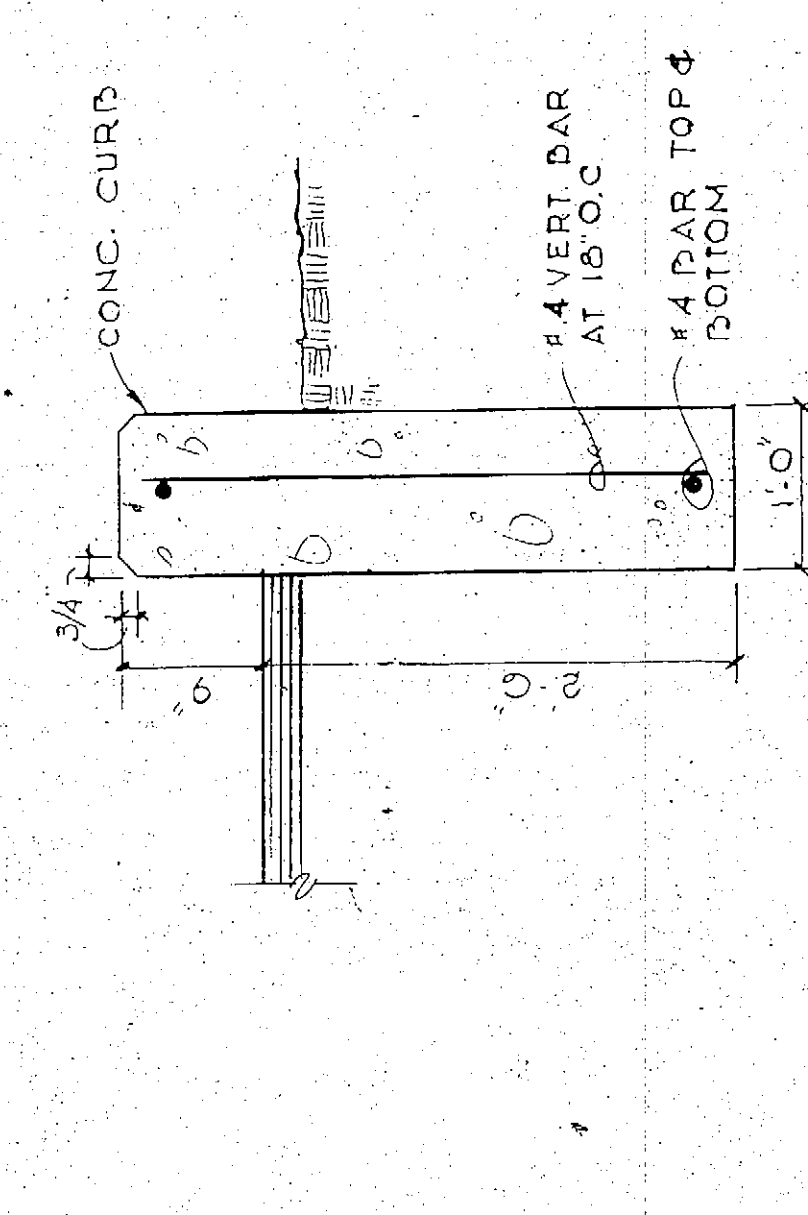
3 SECTION - EXTERIOR TRENCH DRAIN
1' = 1'-0"



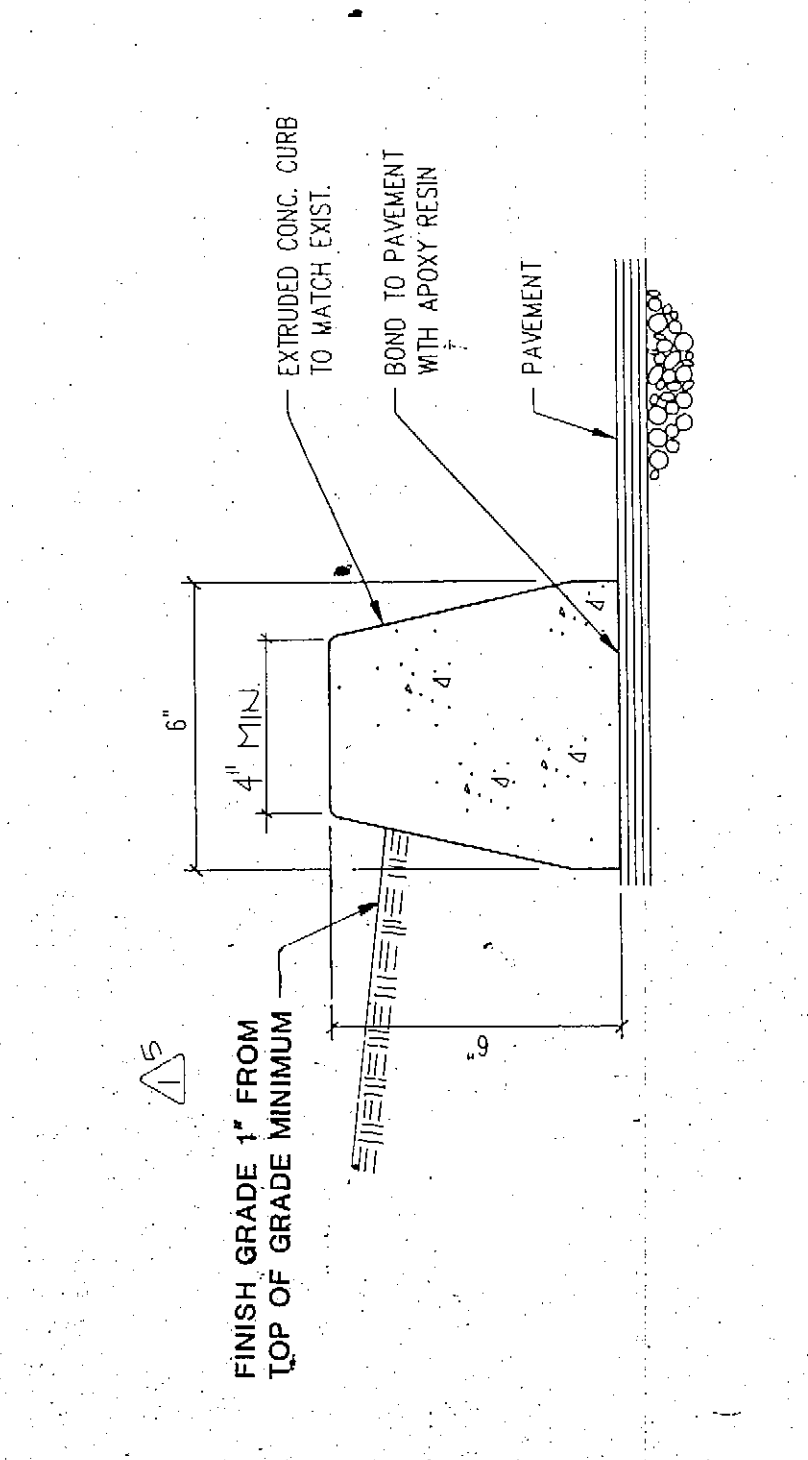
4 SECTION - FEEDER WHEEL STOP
1' = 1'-0"



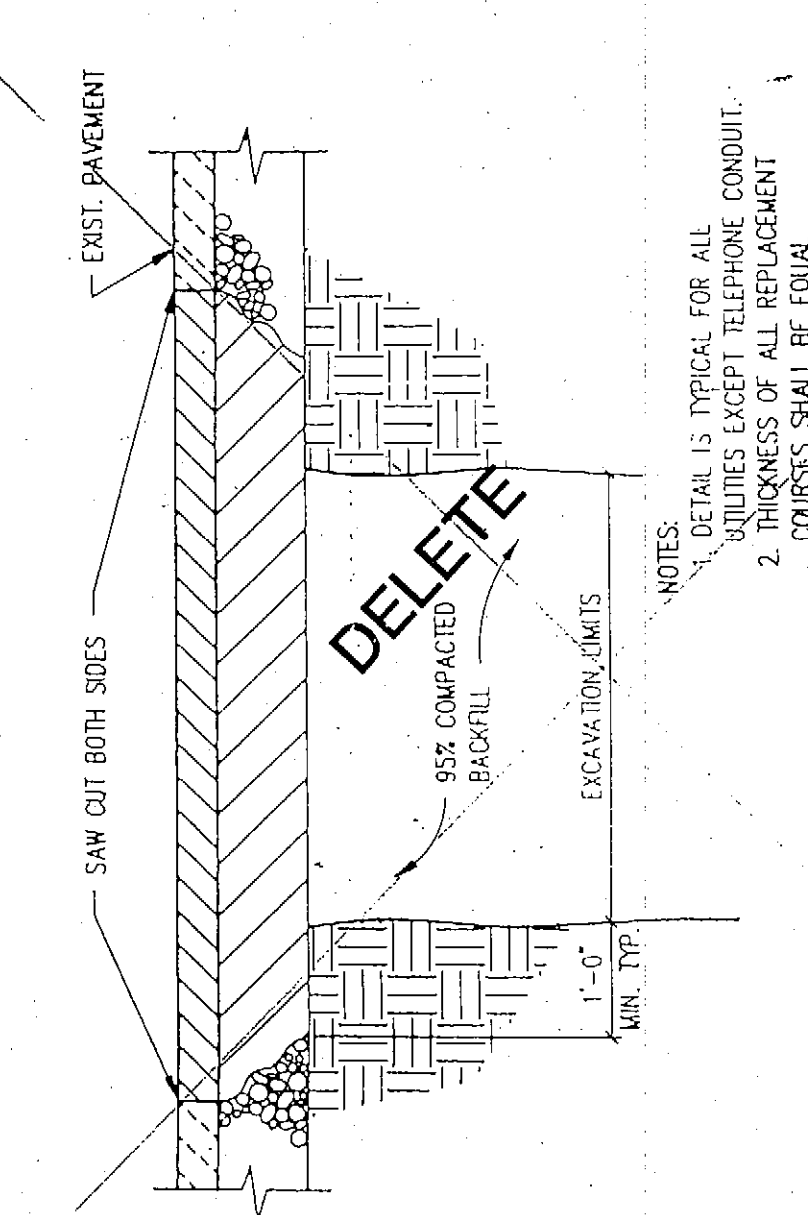
5 EXTERIOR PAVEMENT JOINT DETAILS
1' = 1'-0"



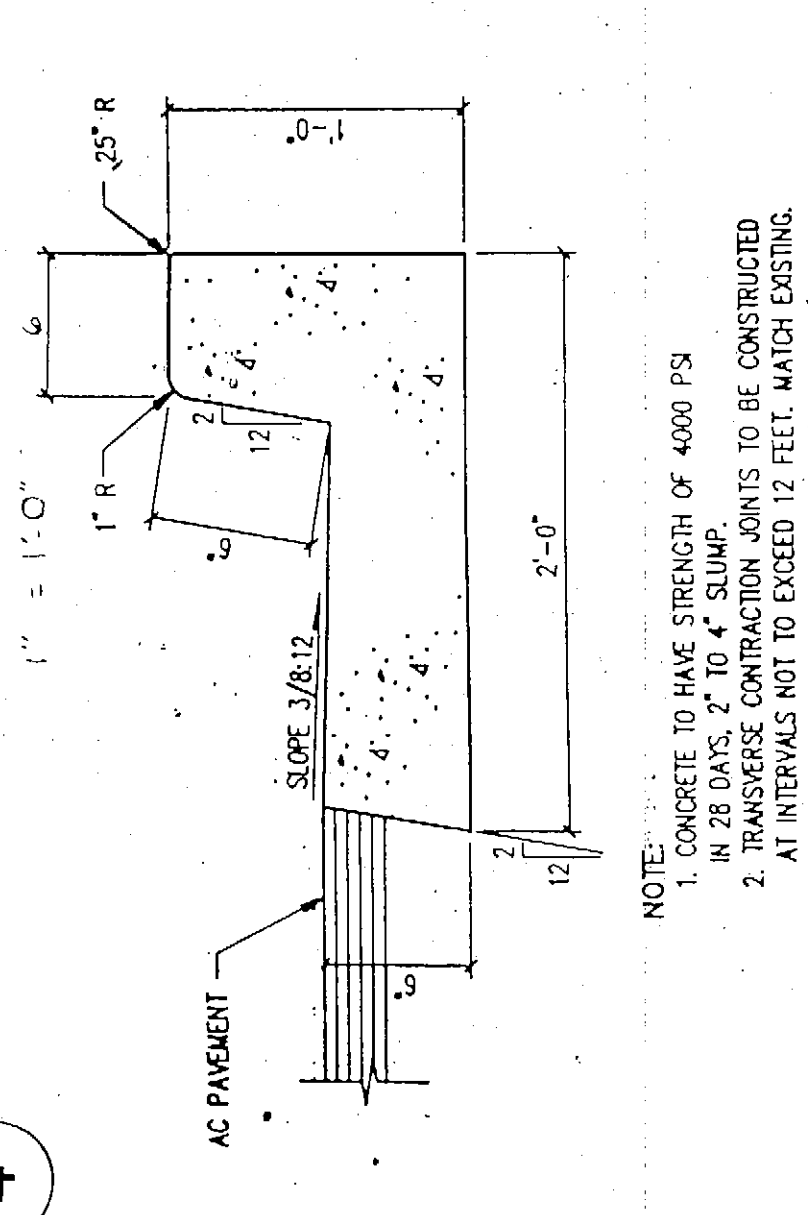
6 CURB AT TRAILER STAGING
NO SCALE



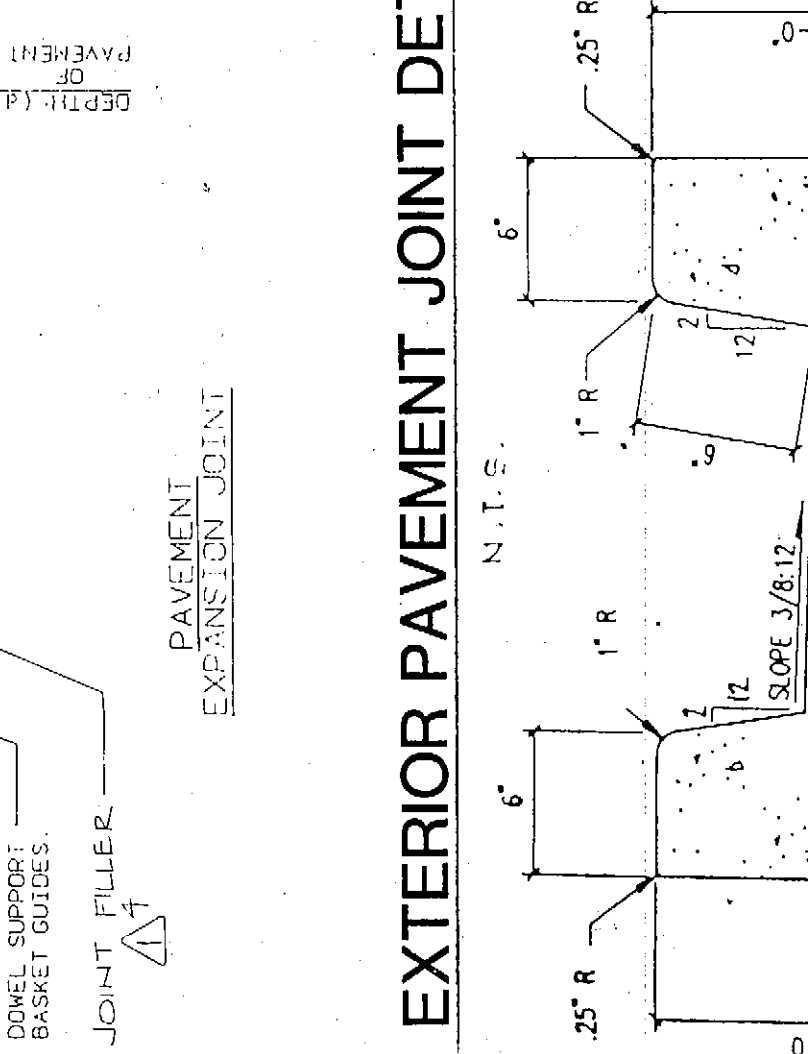
7 EXTRUDED CONC. CURB DETAIL
NO SCALE



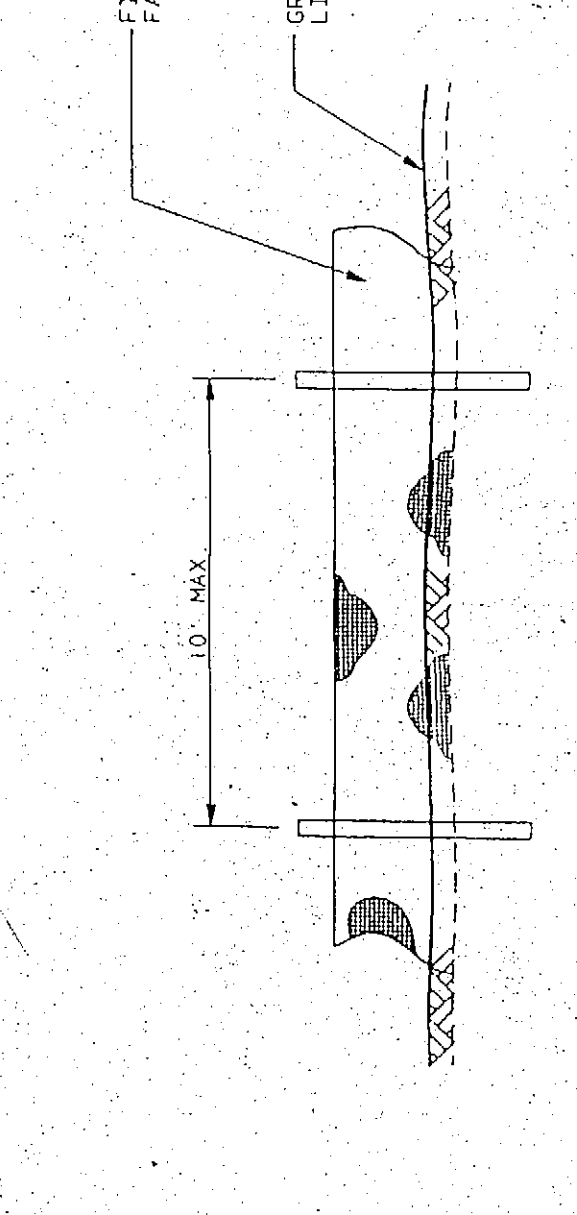
8 TYP. UTILITY TRENCH - PAVEMENT
REMOVAL & REPLACEMENT DET.
NO SCALE



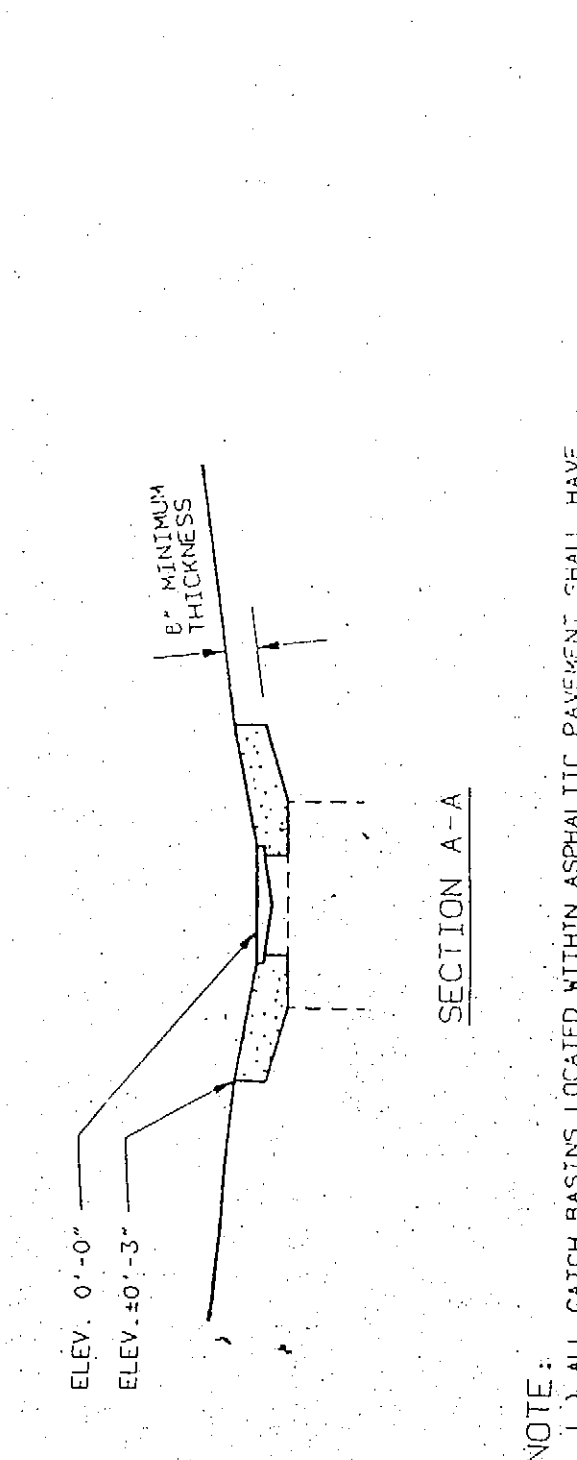
9 COMBINATION CURB
AND GUTTER SECTION
1 1/2" = 1'-0"



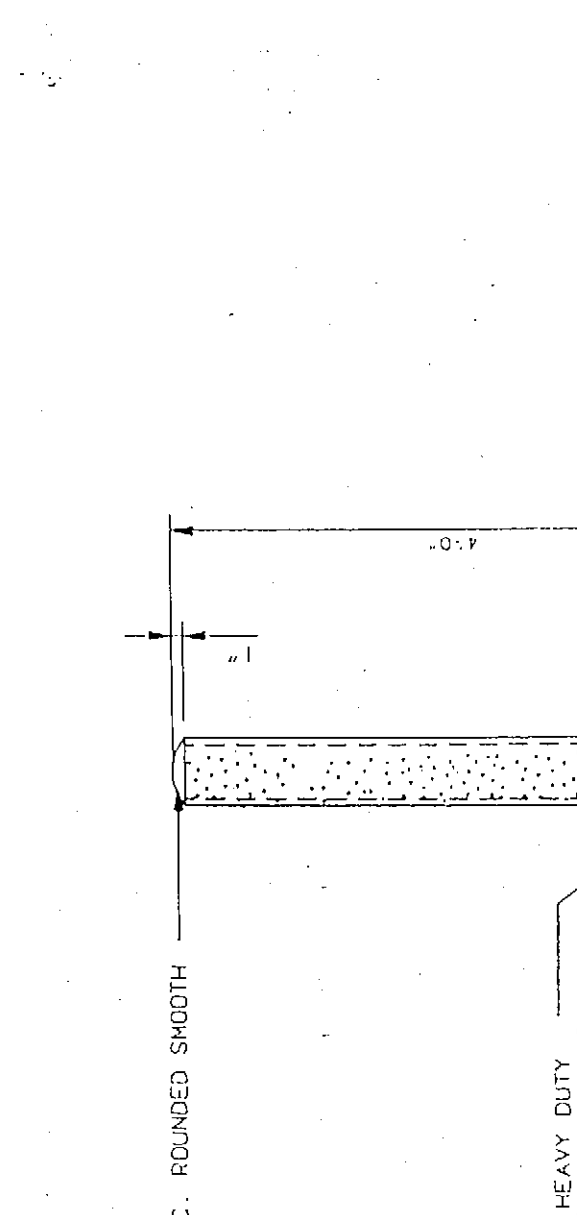
10 U COMBINATION CURB
AND GUTTER SECTION
1 1/2" = 1'-0"



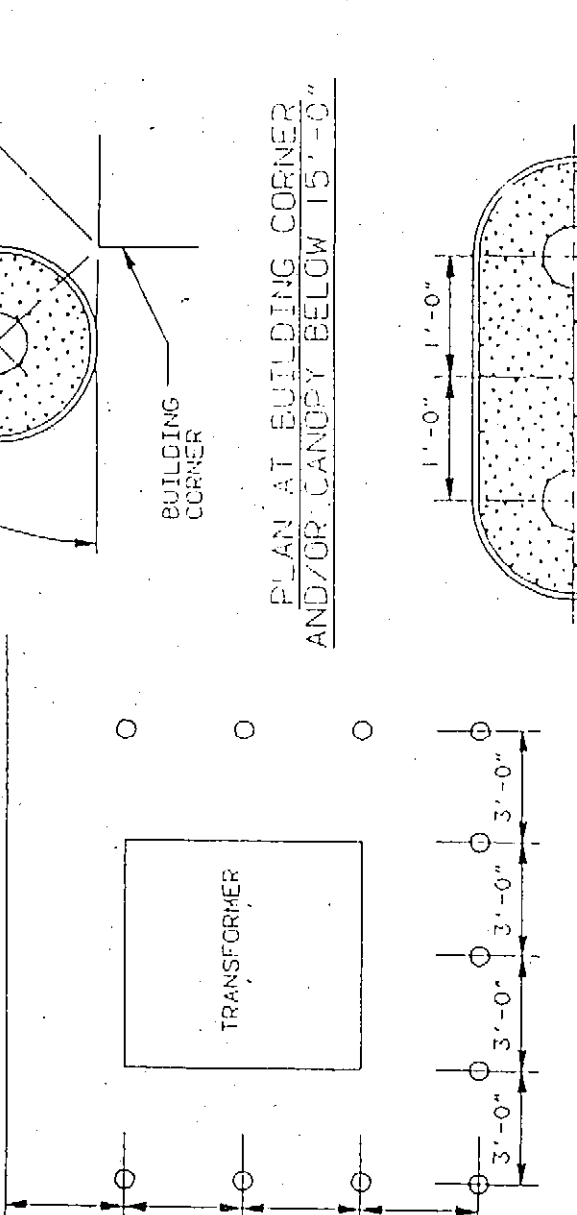
11 TEMPORARY SILT FENCE
AT BERMS
N.T.S.



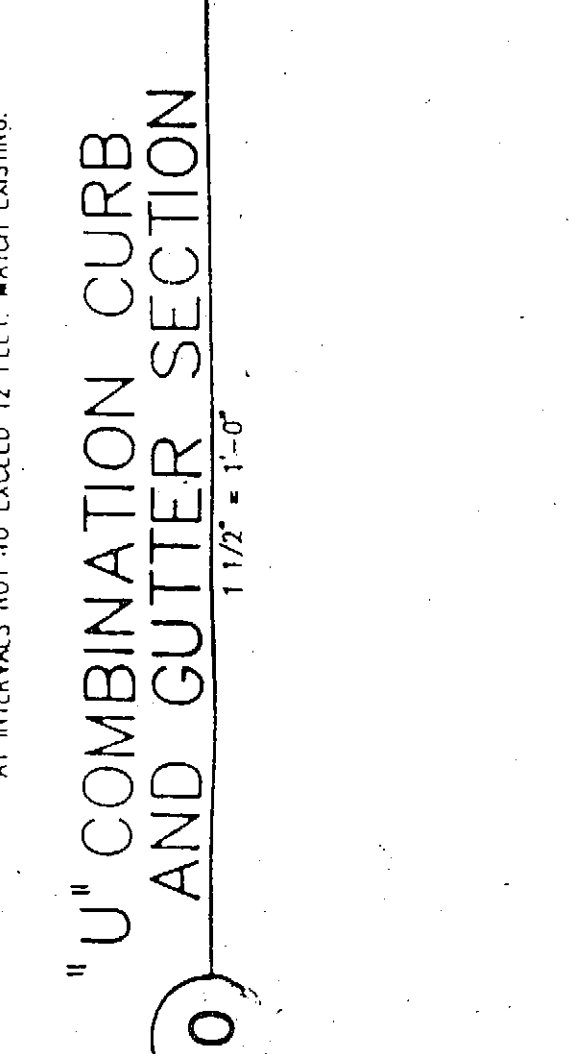
12 PLAN - CONC. PAVING
AT CATCH BASIN #8
N.T.S.



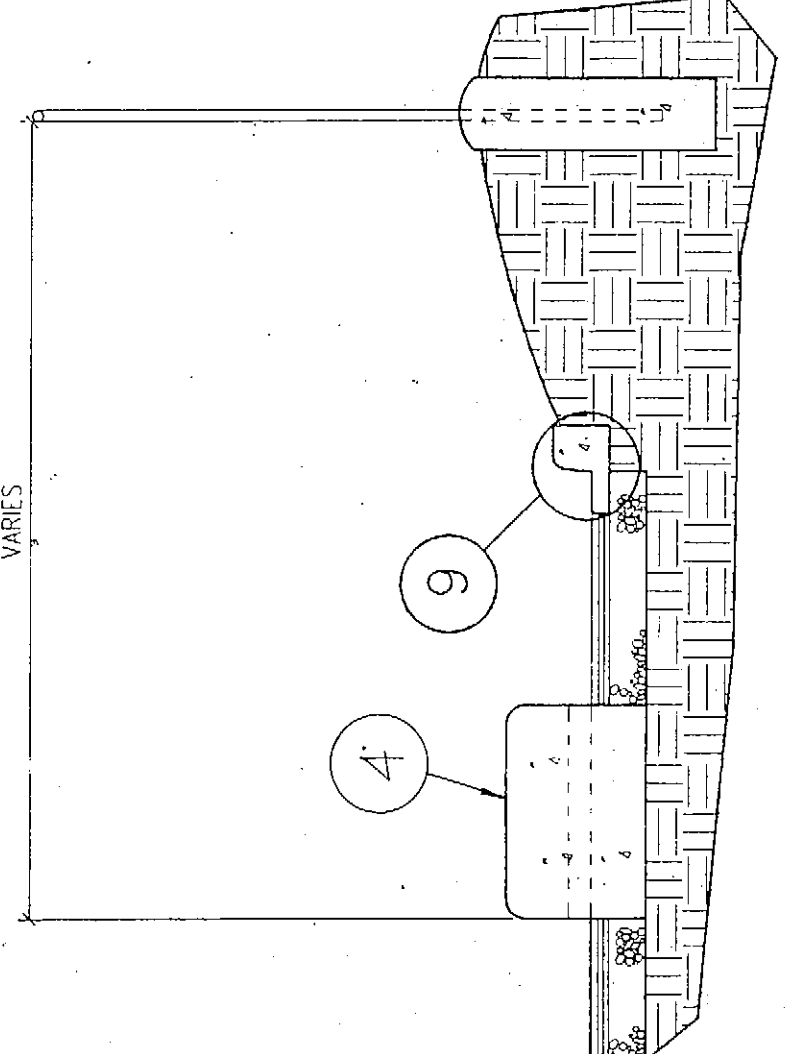
13 SECTION - PIPE BUMPER
3/4" = 1'-0"



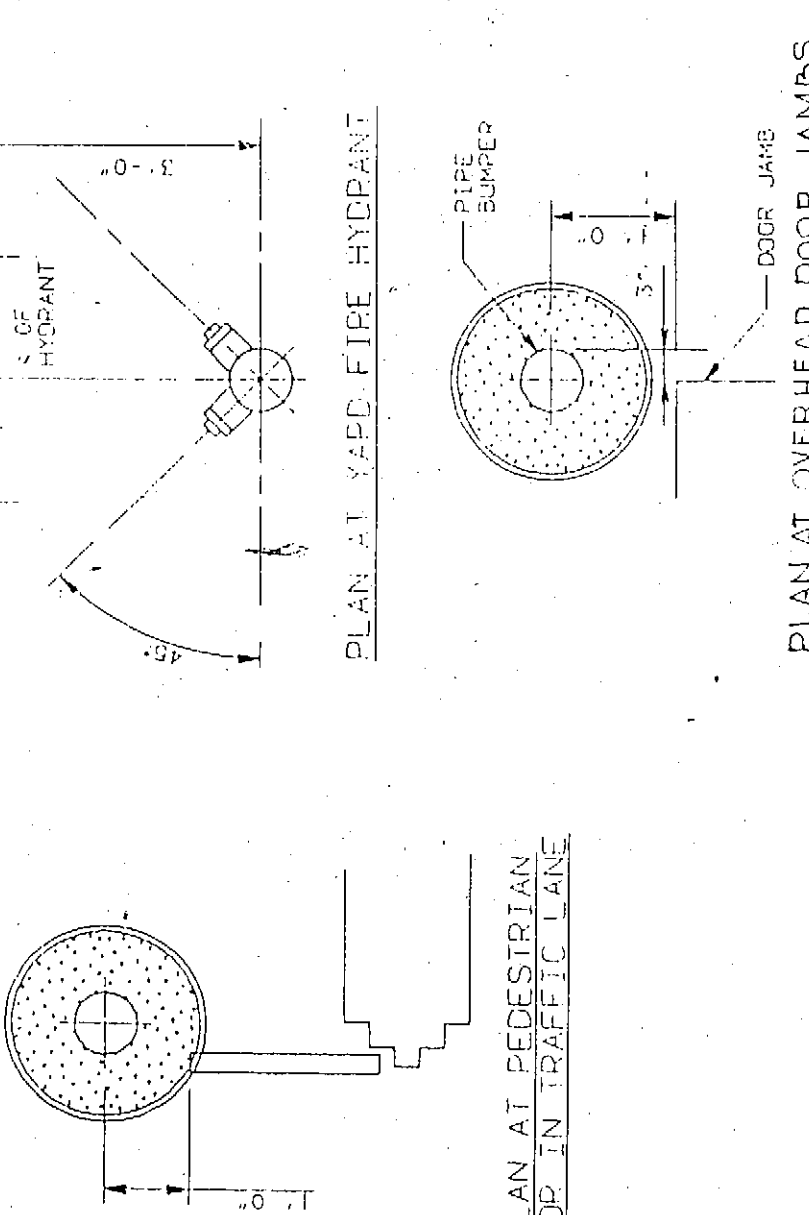
14 PIPE BUMPER DETAILS
N.T.S.



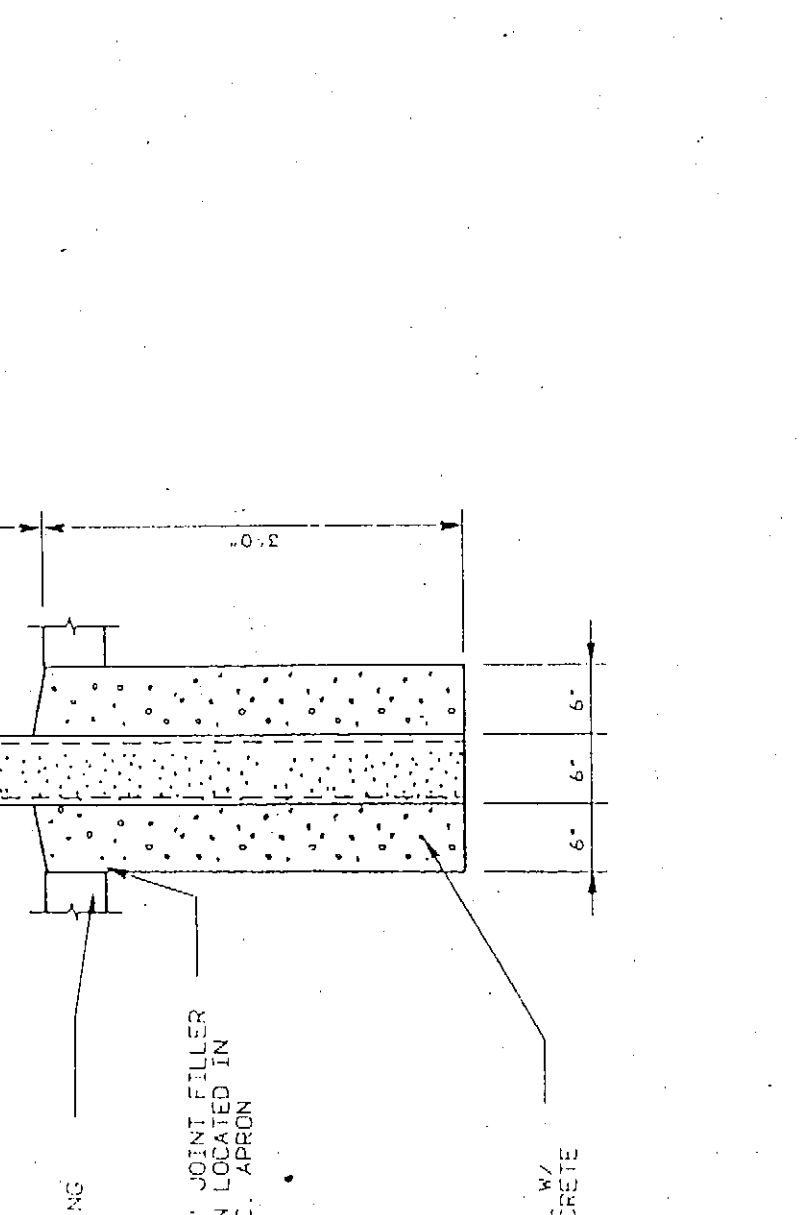
15 SECTION
NO SCALE



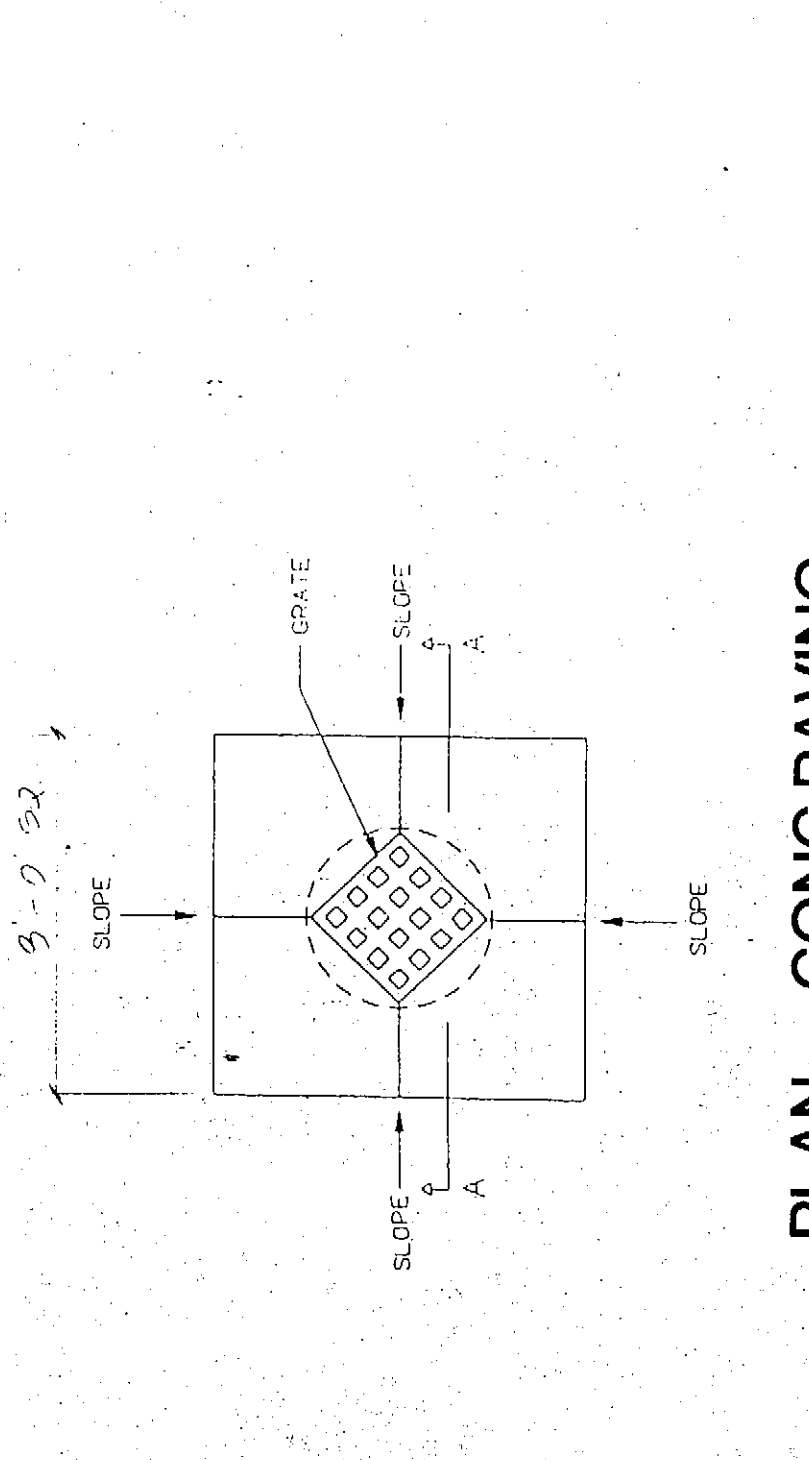
16 CATCH BASIN DET.
NO SCALE



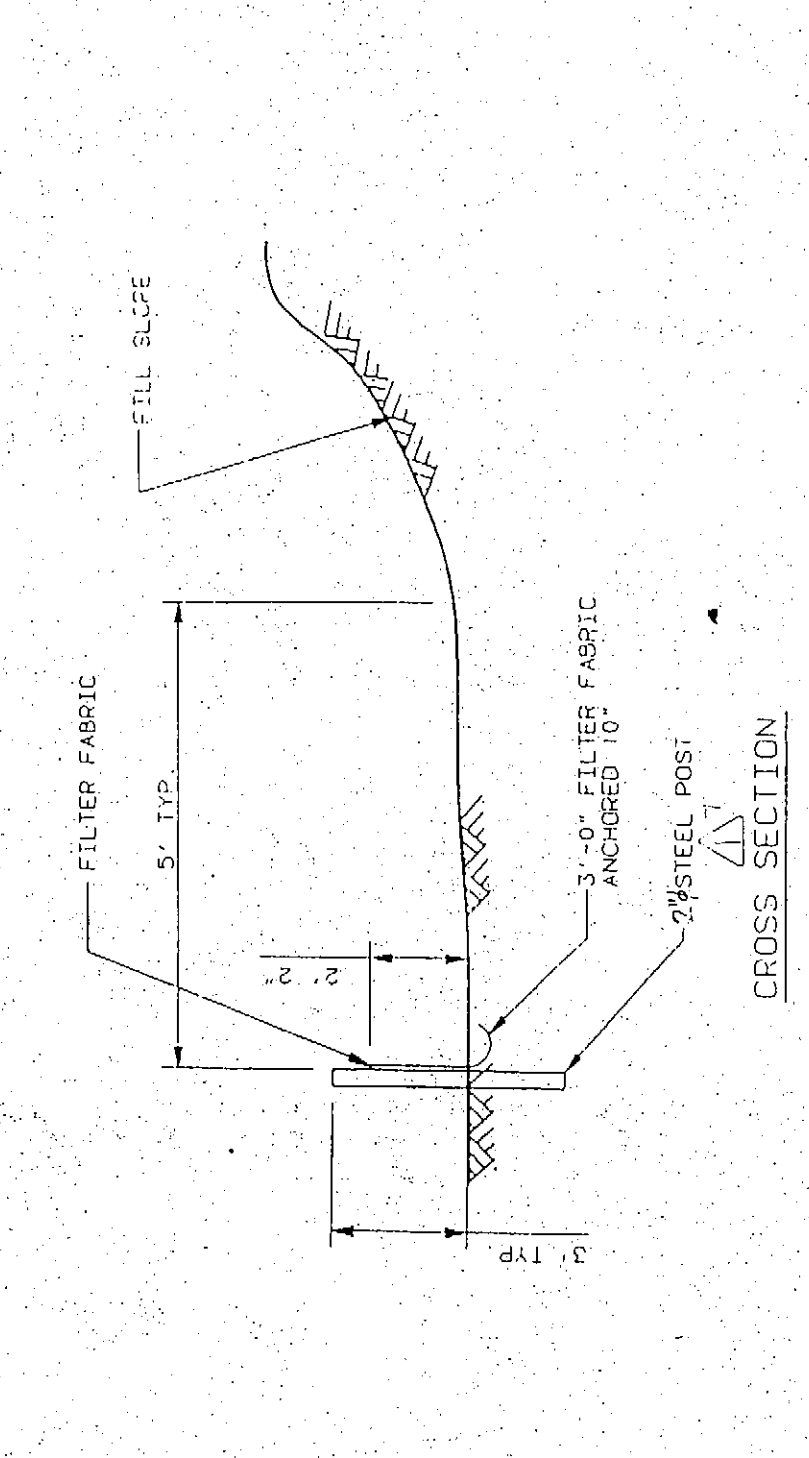
17 TYP. CLEANOUT DETAIL
NO SCALE



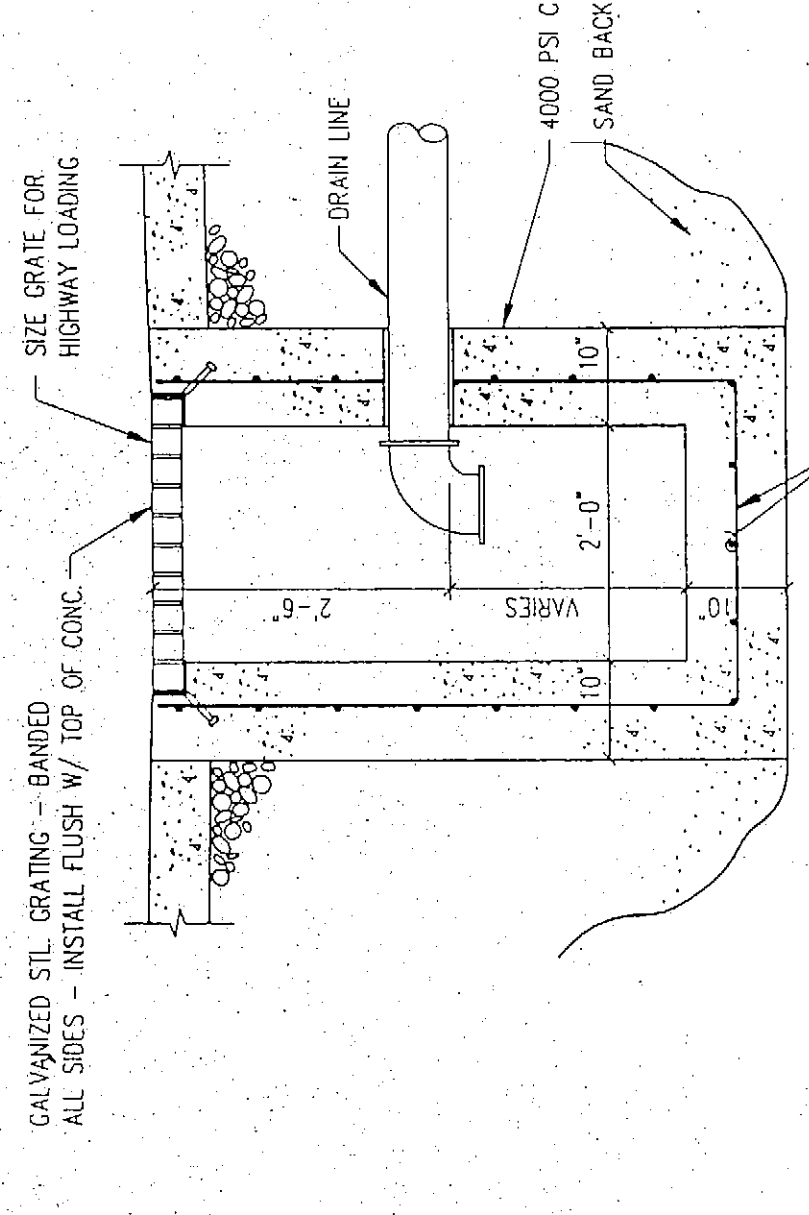
18 TRENCH DETAIL
3/4" = 1'-0"



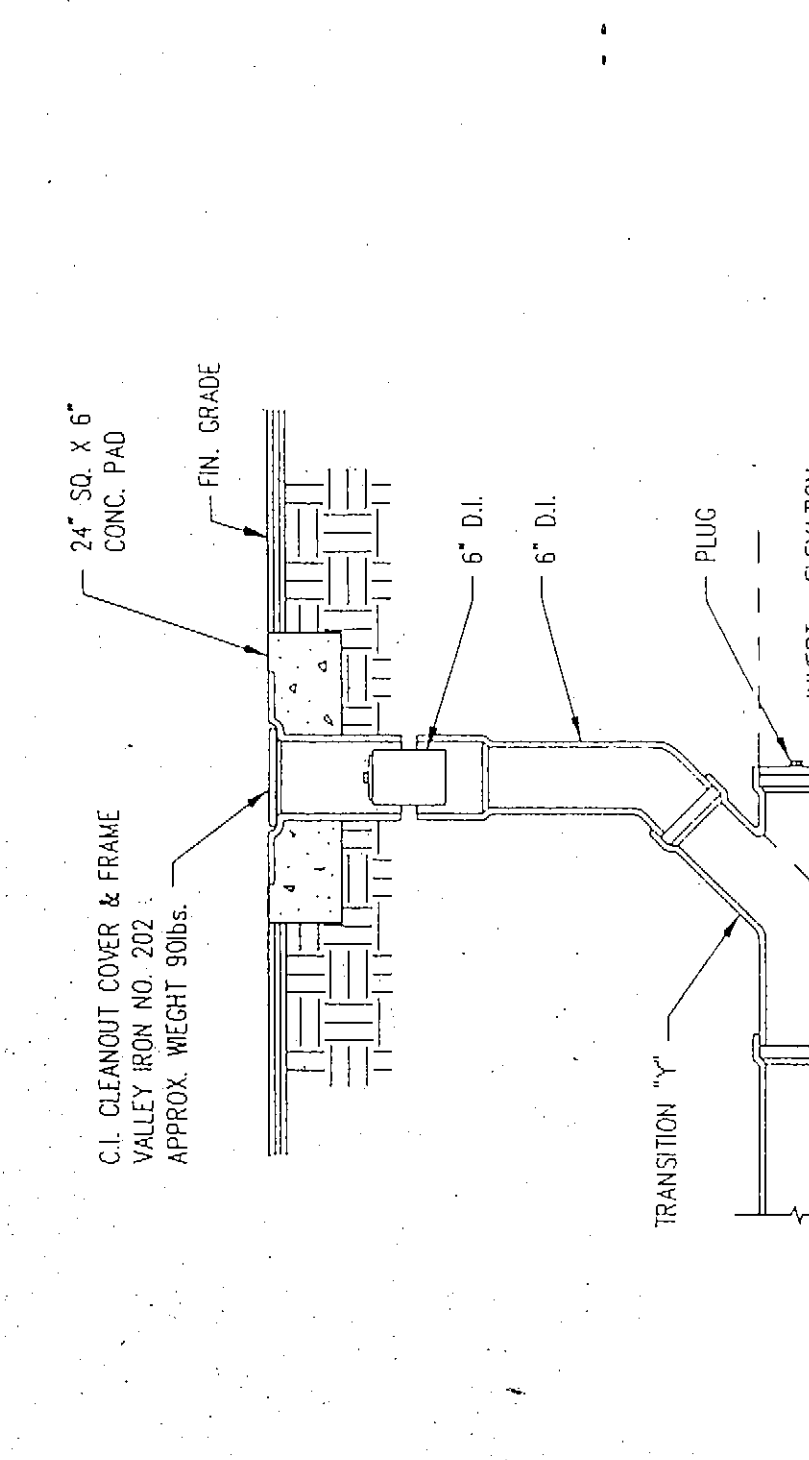
19 V GUTTER
1" = 1'-0"



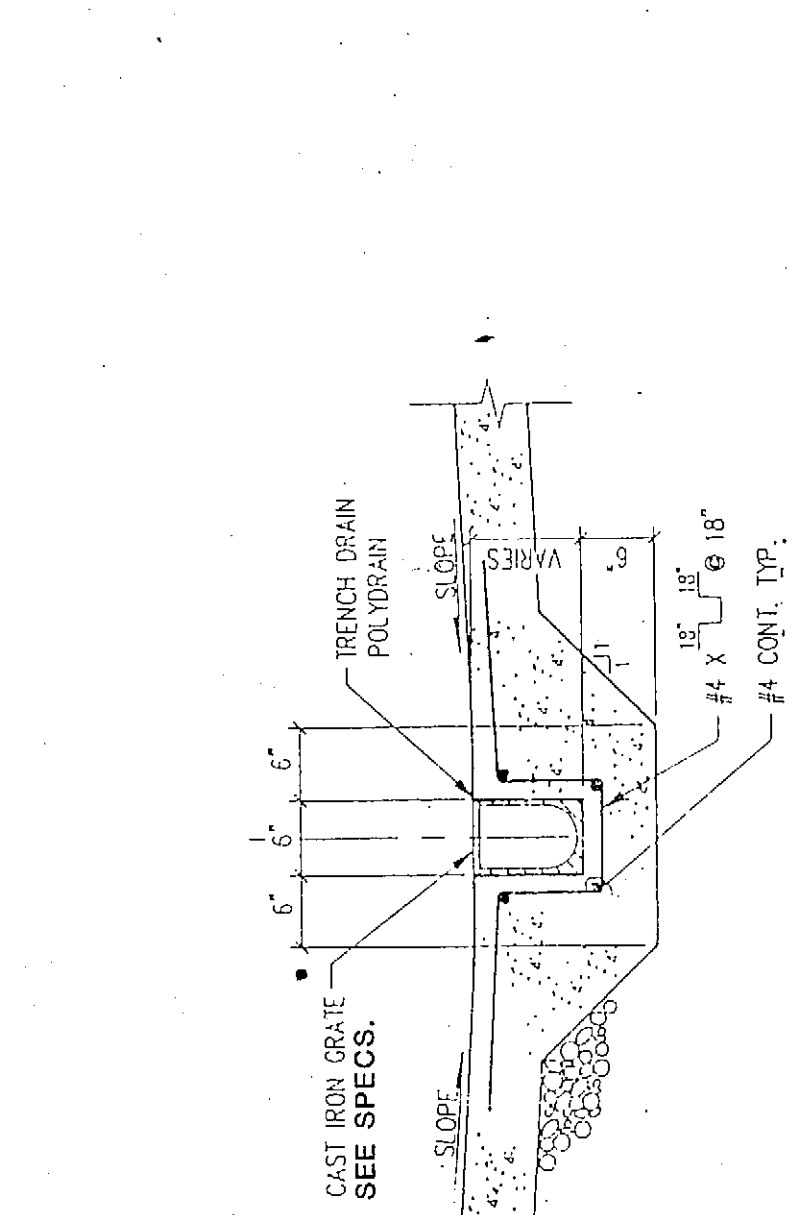
20 U COMBINATION CURB
AND GUTTER SECTION
1 1/2" = 1'-0"



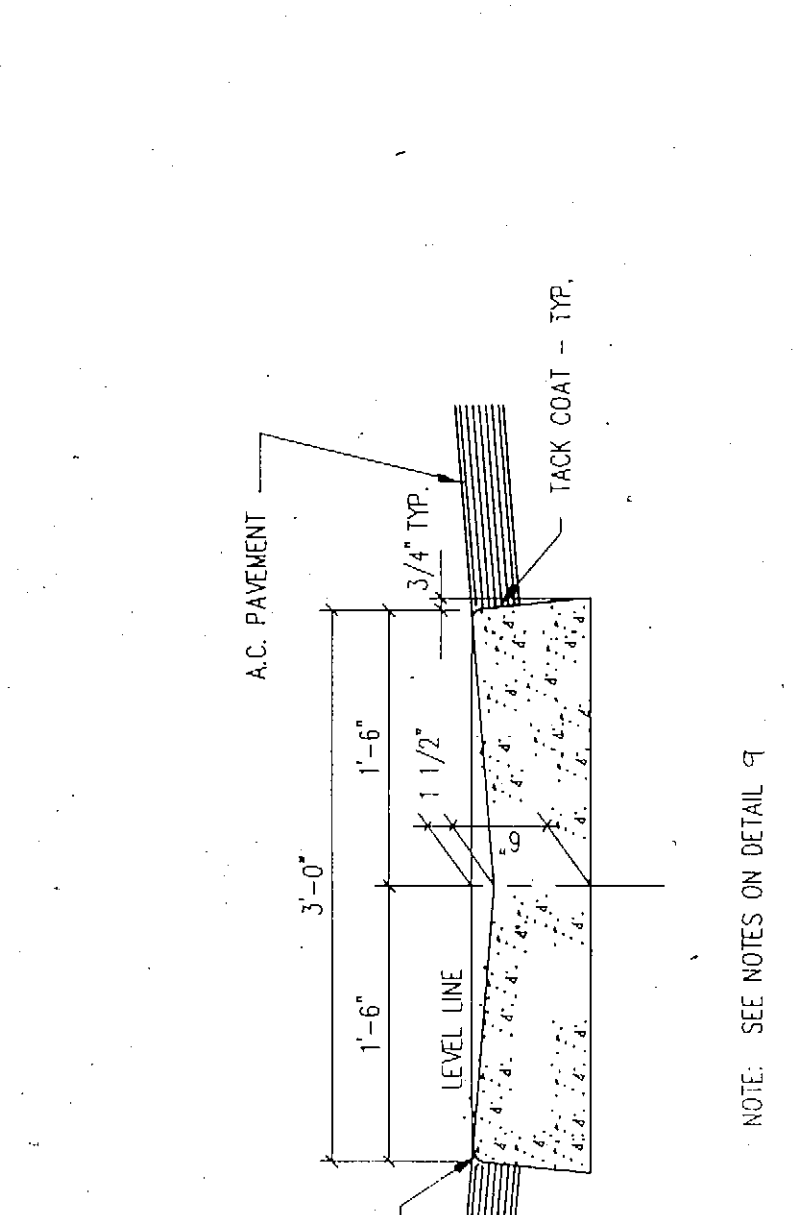
21 CATCH BASIN DET.
NO SCALE



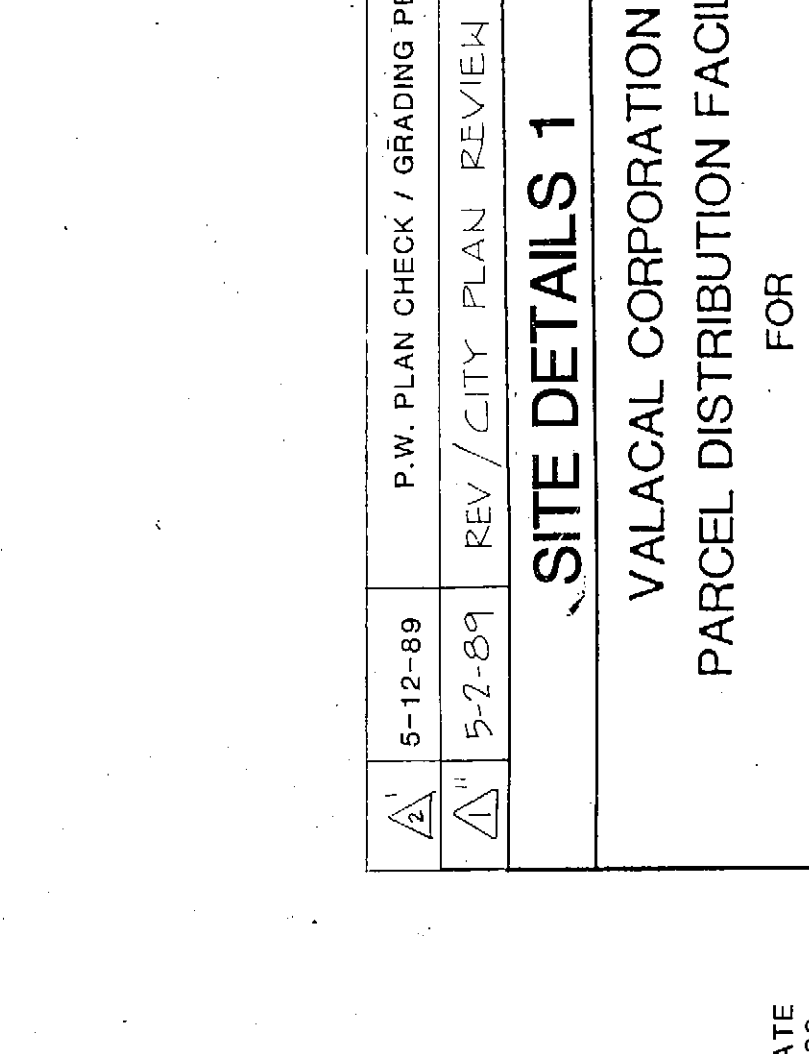
22 TRENCH DETAIL
3/4" = 1'-0"



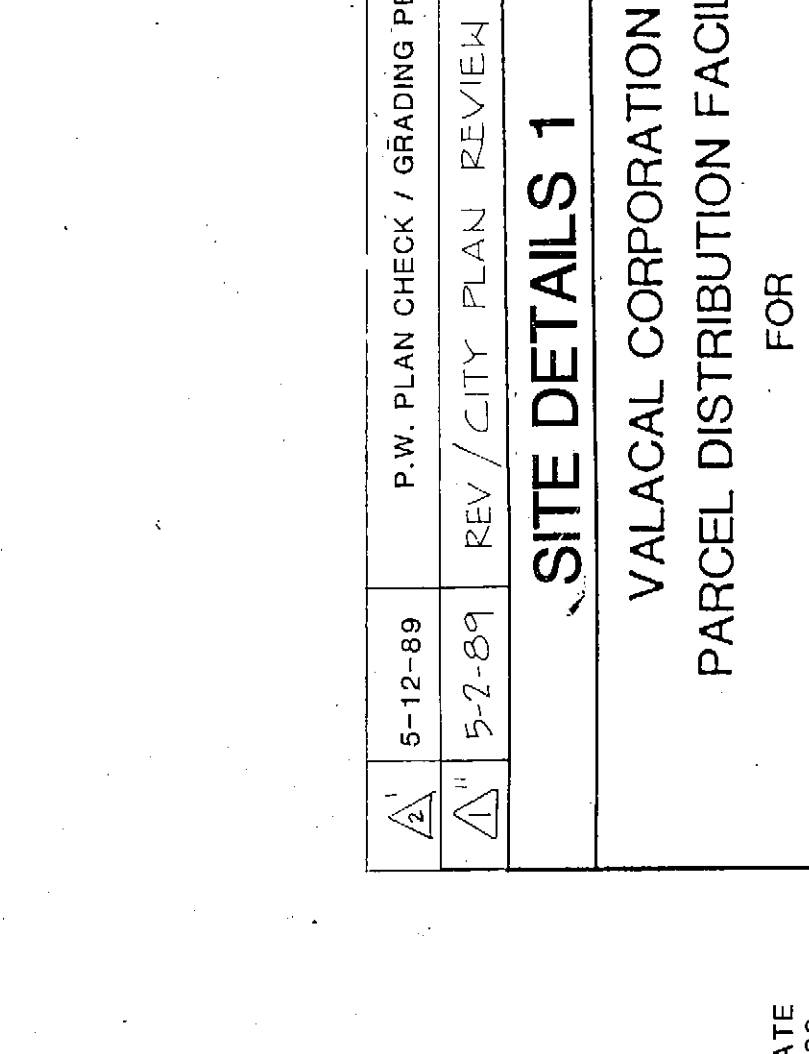
23 SECTION - PIPE BUMPER
3/4" = 1'-0"



24 PIPE BUMPER DETAILS
N.T.S.



25 SECTION
NO SCALE

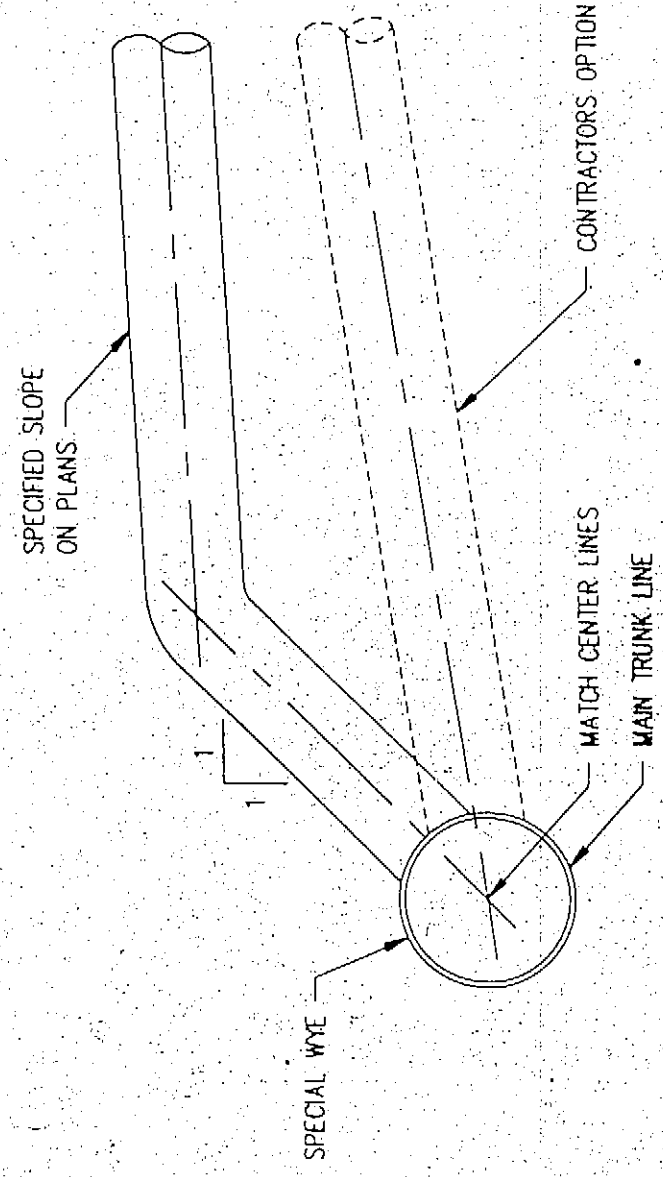


26 U COMBINATION CURB
AND GUTTER SECTION
1 1/2" = 1'-0"

5-12-89	P.W. PLAN CHECK / GRADING PERMIT
5-2-89	REV / CITY PLAN REVIEW
SITE DETAILS 1	
VALACAL CORPORATION PARCEL DISTRIBUTION FACILITY FOR UNITED PARCEL SERVICE SAN RAMON, CALIFORNIA	
MOFFATT, NICHOL & BONNEY, INC. ENGINEERS	
DATE OF ISSUE 1-1-85	DRAWING NO. C6
DATE 9-2-85	CHECKED BY 9-2-85

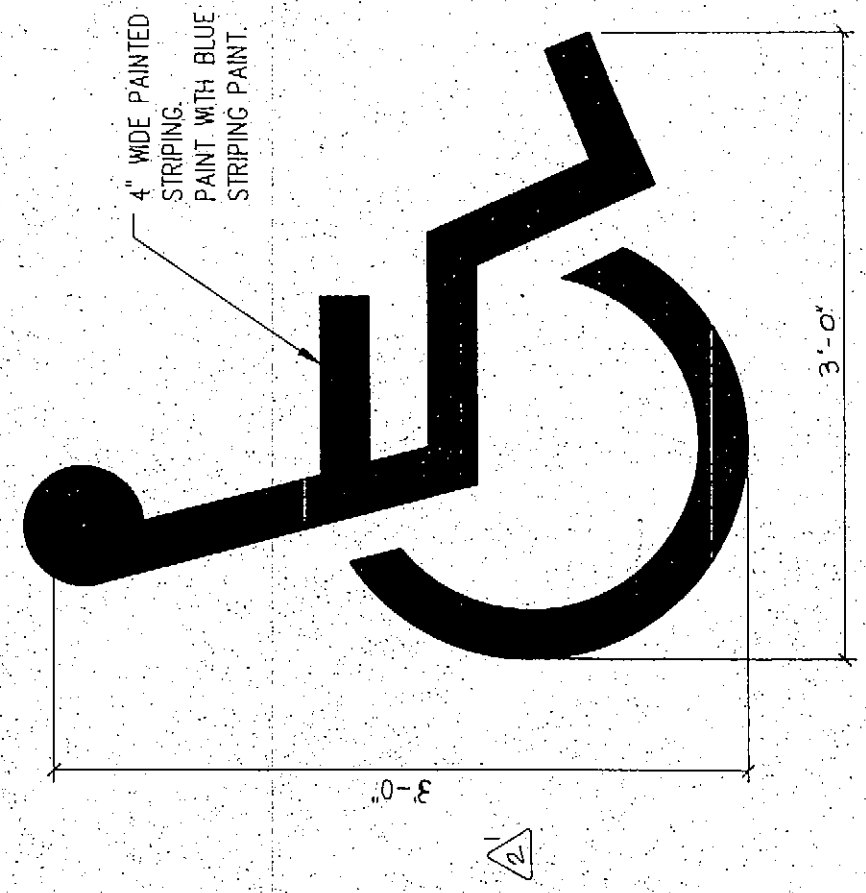
EXP. DATE
9/30/89

0351



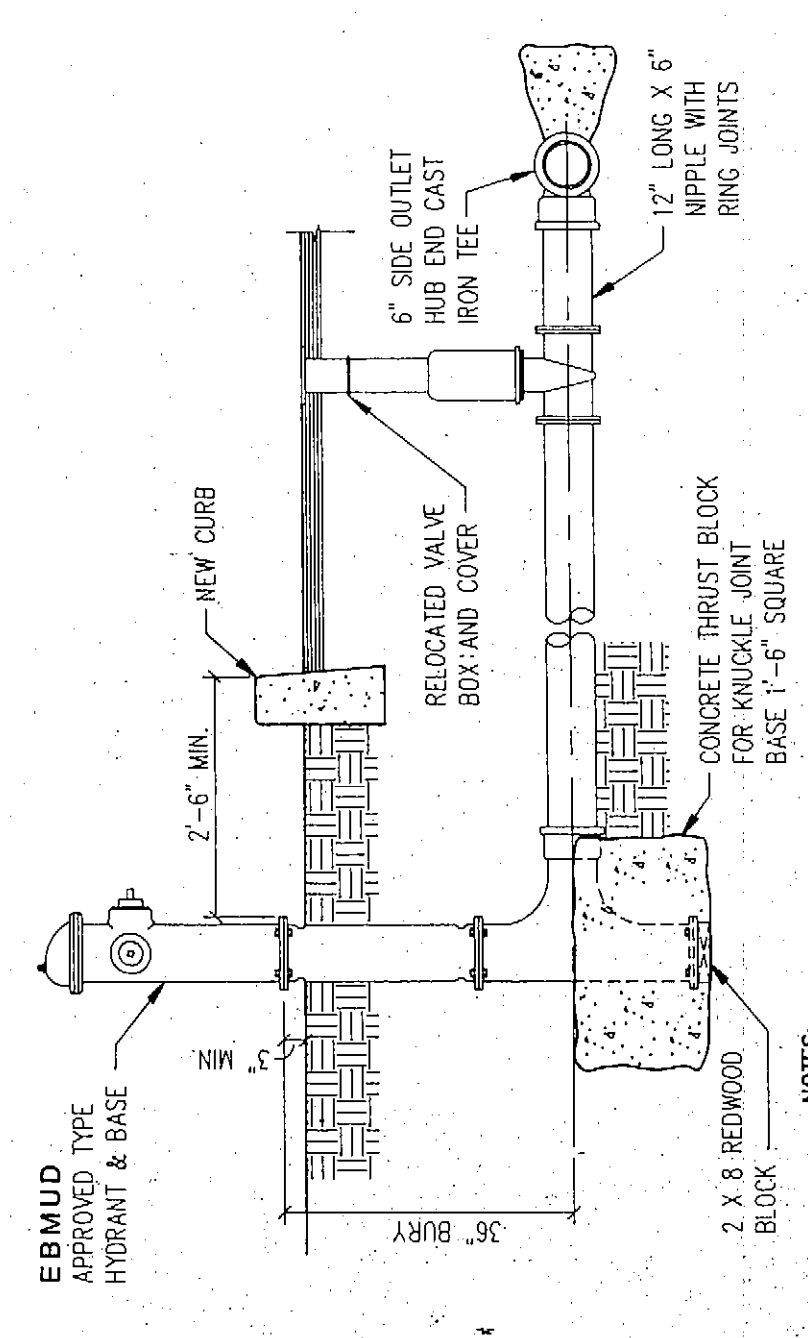
1 CONNECTION TO TRUNK SEWER DETAIL

NO SCALE



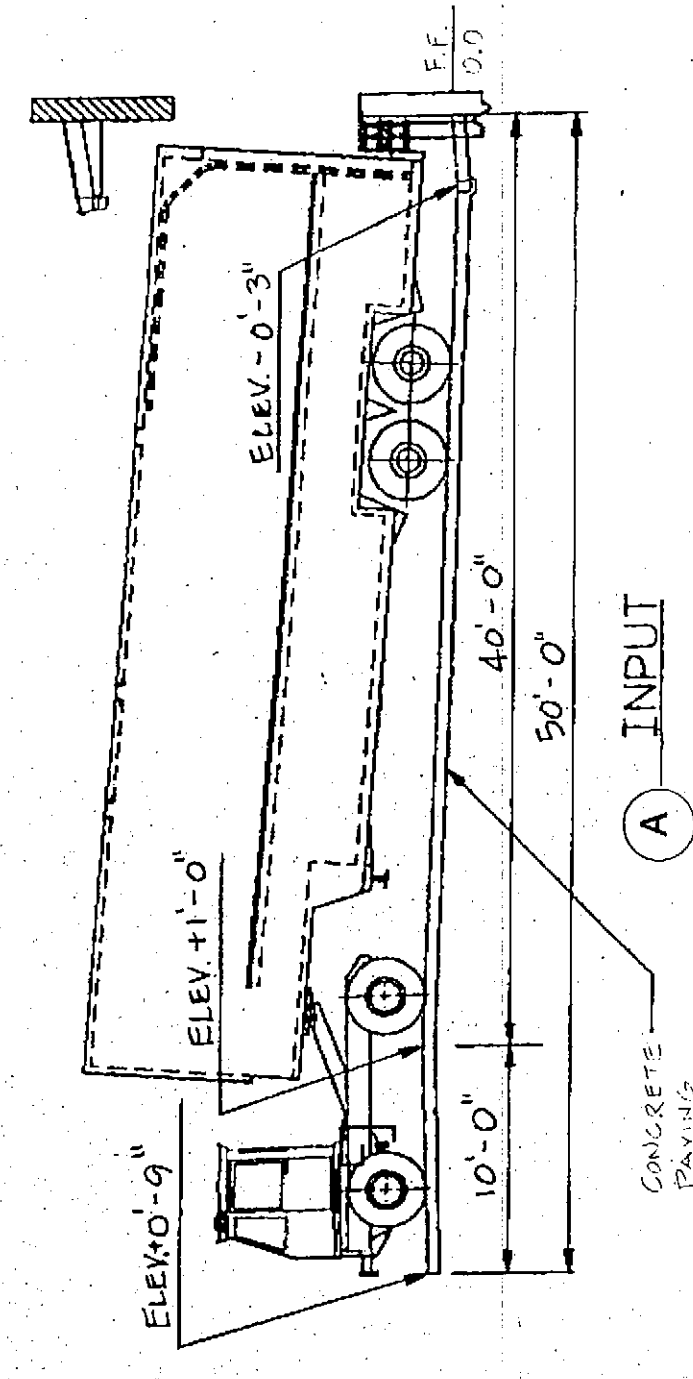
5 HANDICAPPED SYMBOL

3/4" = 1'-0"



2 FIRE HYDRANT AND VALVE DET.

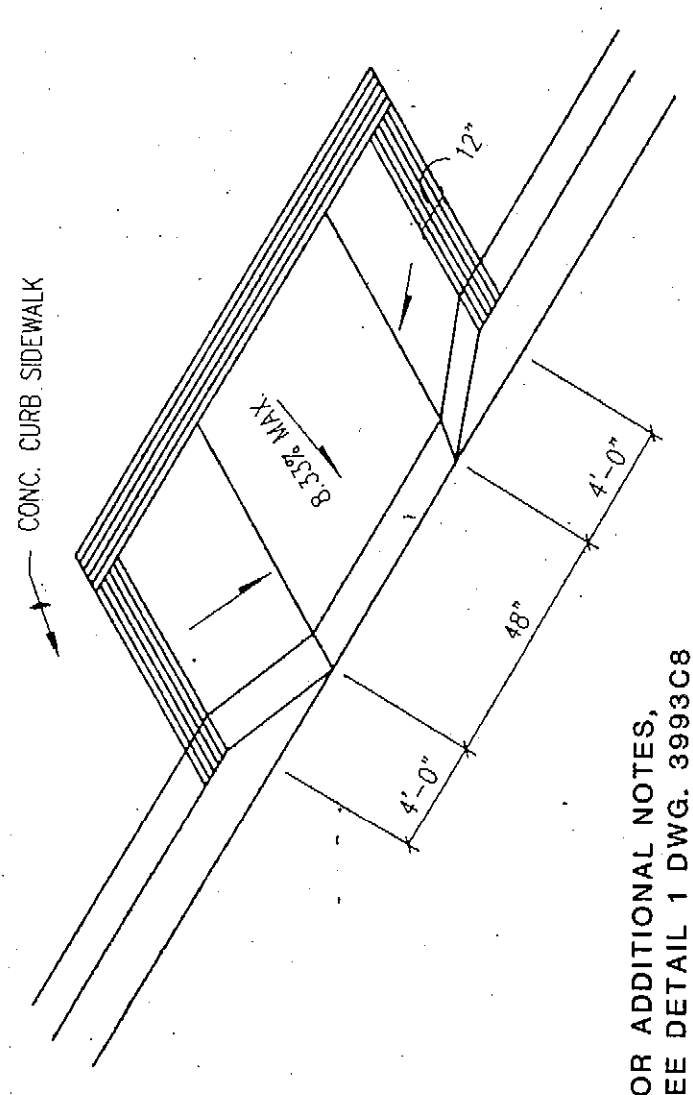
1/2" = 1'-0"



3 TYPICAL THRUST BLOCK

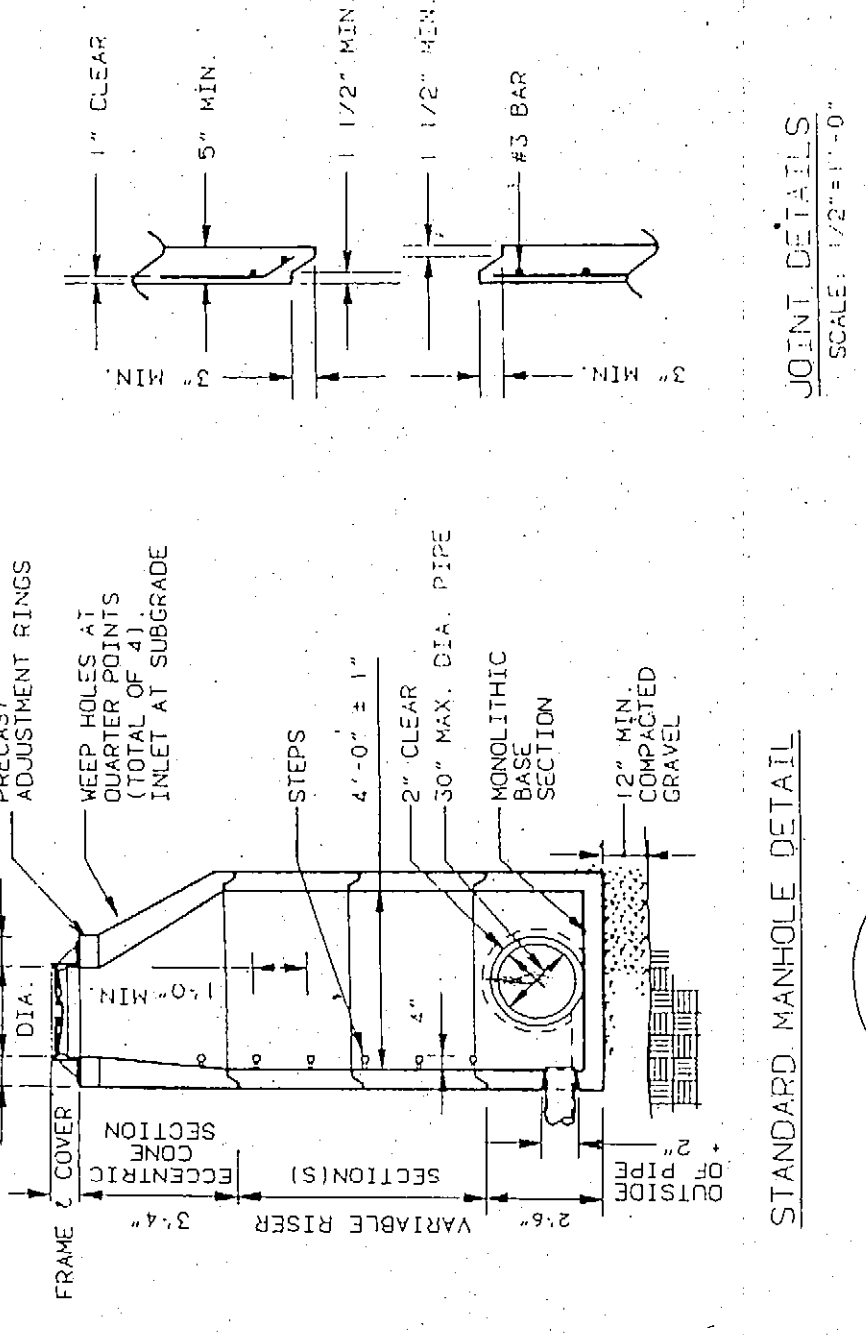
cm

PIPE SIZE	MIN. BEARING AREA (SQ. FT.)	HYDRANT TEE, VALVE, PLUG, CAP
3"	2.1	0.7
4"	3.1	1.0
6"	6.3	2.0
8"	10.9	3.5
10"	17.8	5.7
12"	25.4	8.2
14"	34.6	11.2
16"	45.0	14.6
18"	57.1	18.5



7 SIDEWALK RAMP DETAIL

NO SCALE

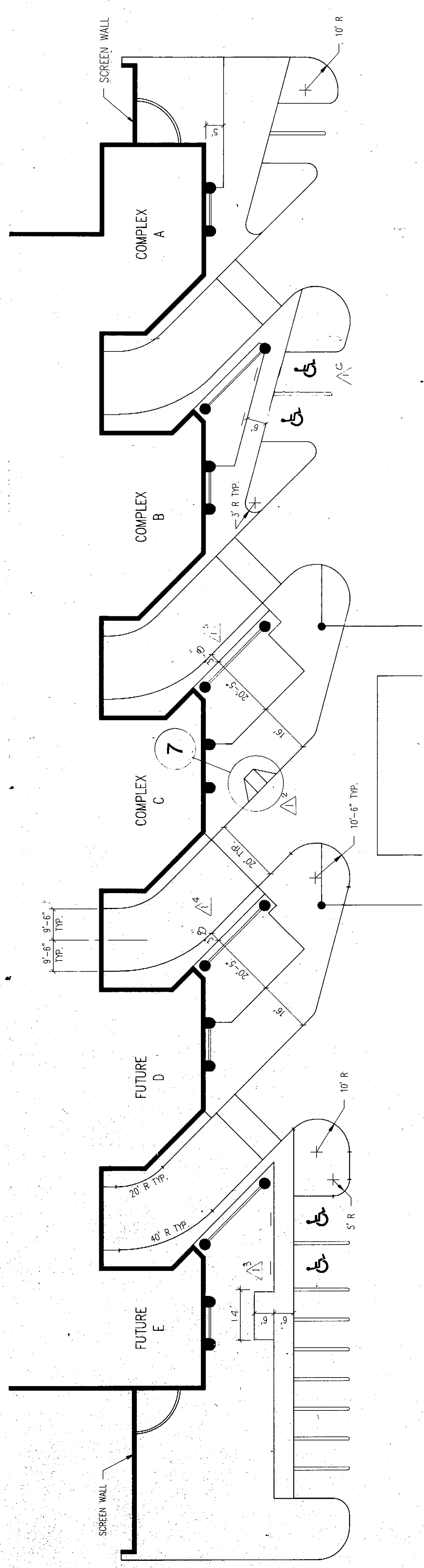


4 MANHOLE WITH COVER AND FRAME

1/2" = 1'-0"

6 CONCRETE PAVING SLOPES

SCALE 1/8" = 1'-0"

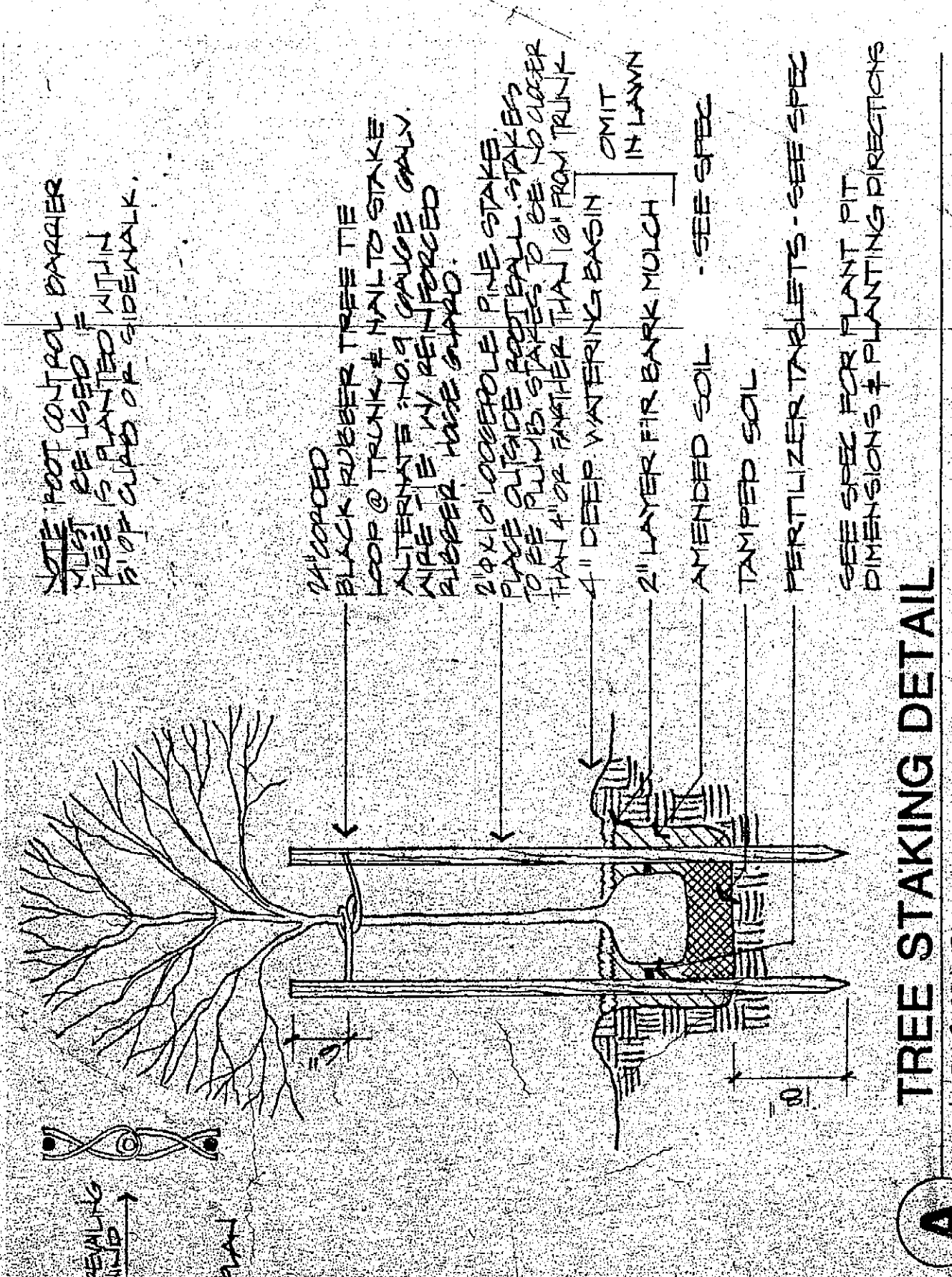


9 DETAIL

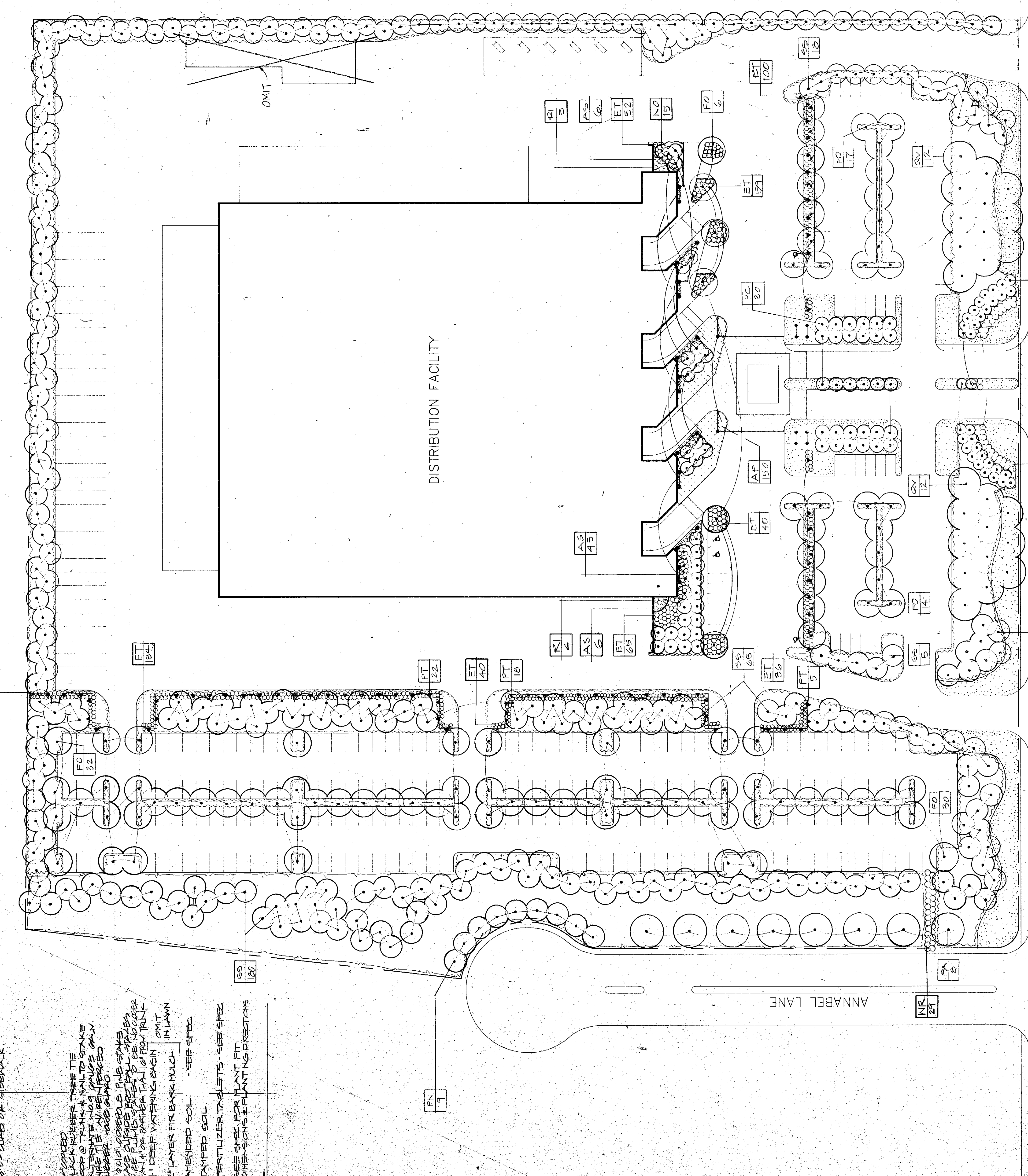
1" = 20'-0"

5-12-89	P.W. PLAN CHECK / GRADING PERMIT
5/2/89	REV./CITY PLAN REVIEW
SITE DETAILS 2	
VALACAL CORPORATION PARCEL DISTRIBUTION FACILITY	
FOR UNITED PARCEL SERVICE SAN RAMON, CALIFORNIA	
MOFFATT, NICHOL & BONNEY, INC. ENGINEERS	
PORTLAND	OREGON
DRAWN BY	DATE
CHECKED BY	DATE
DRAWING NO. 83-13-99	
DATE OF ISSUE 8/30/89	
C7	

EXP. DATE
8/30/89



A TREE STAKING DETAIL
1/4" = 1'-0"



PLANT LIST

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
FO	Fraxinus oxycarpa 'Raywood'	Raywood Ash	15 Gal.
FU	Fraxinus uhdei	Shamel Ash	24" Box
NO	Nedum slender	Glandier	24" Box
PA	Platanus acerifolia	London Plane	24" Box
PN	Populus nigra 'Italica'	Lombardy Poplar	24" Box
PC	Pyrus calleryana 'Red Spire'	Red Spire	B & B 1 3/4" Caliper
QV	Quercus virginiana	Southern Live Oak	24" Box
SS	Saxifraga emarginata	Coast Redwood	15 Gal. & 24" Box
SHRUBS			
AP	Agapanthus 'Queen Anne'	Agapanthus	1 Gal. 15" o.c.
ET	Eucalyptus 'Nerri'	Eucalyptus	5 Gal. 2'-4" o.c.
WR	Westringia cuneata	Westringia	5 Gal. 3' o.c.
GROUNDCOVER			
HC	Hypericum calycinum	Aaron's Beard	Plants 15" o.c.
FR	Festuca rubra var.	Red Fescue	Hydroseeded
VINES			
PT	Parthenocissus tricuspidata	Boston Ivy	5 Gal. 15" o.c.
ADDITIONAL SHRUBS			
AS	Asparagus densiflorus 'Sprenger'	Sprenger	1 Gal. 2' o.c.
RI	Rapidoletis indica 'Rosea'	Rapidoletis	5 Gal. 3' o.c.

PLANTING LEGEND & NOTES

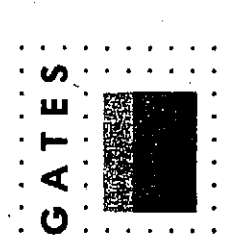
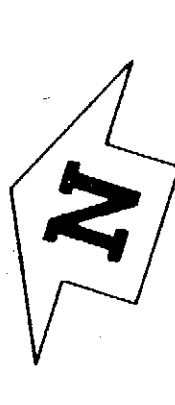
- 1. Stake all trees as per detail.
- 2. Plant trees 3'-4" minimum from face of building at parking, and from edges of paving.
- 3. Tree location and massing to be indicated in the field by landscape architect.
- 4. Provide metal headers at all interfaces between:
 - a. Lawn and shrubs, groundcover, or bedding.
 - b. Bedding and shrubs or groundcover.
 - c. Install metal header per manufacturers instructions.
- 5. Branching height at 6'-0" minimum above finish grade.
- 6. All trees in a group planting shall be matching in size and shape.
- 7. Secure all vines to trellis with 1/4" x 1/4" x 1/4" wire, allowing for two (2) years growth.

NORRIS CANYON ROAD

ANNABEL LANE

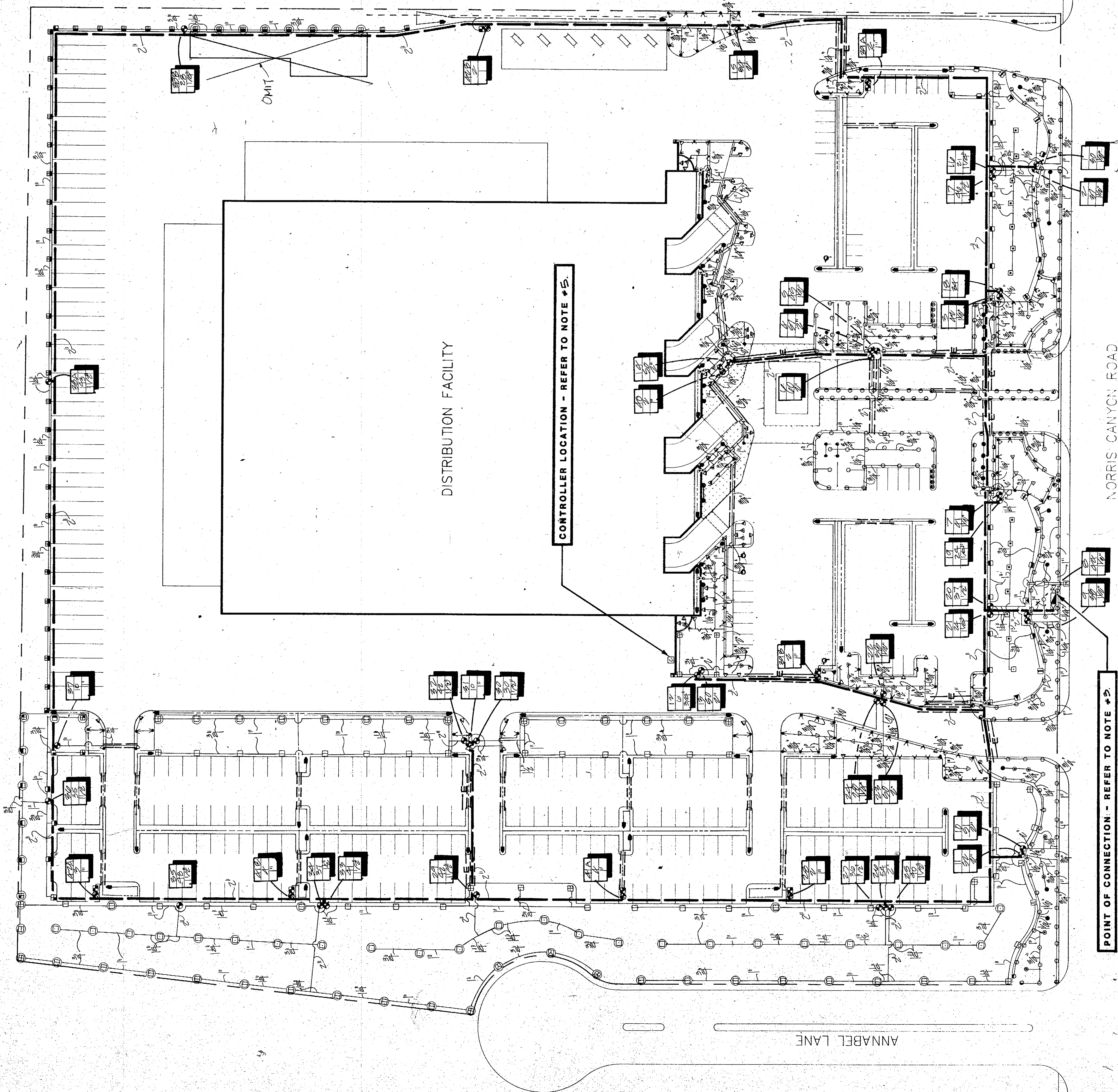
PLANTING PLAN
VALACAL CORPORATION
PARCEL DISTRIBUTION FACILITY
FOR
UNITED PARCEL SERVICE
SAN RAMON, CALIFORNIA

SITE PLAN



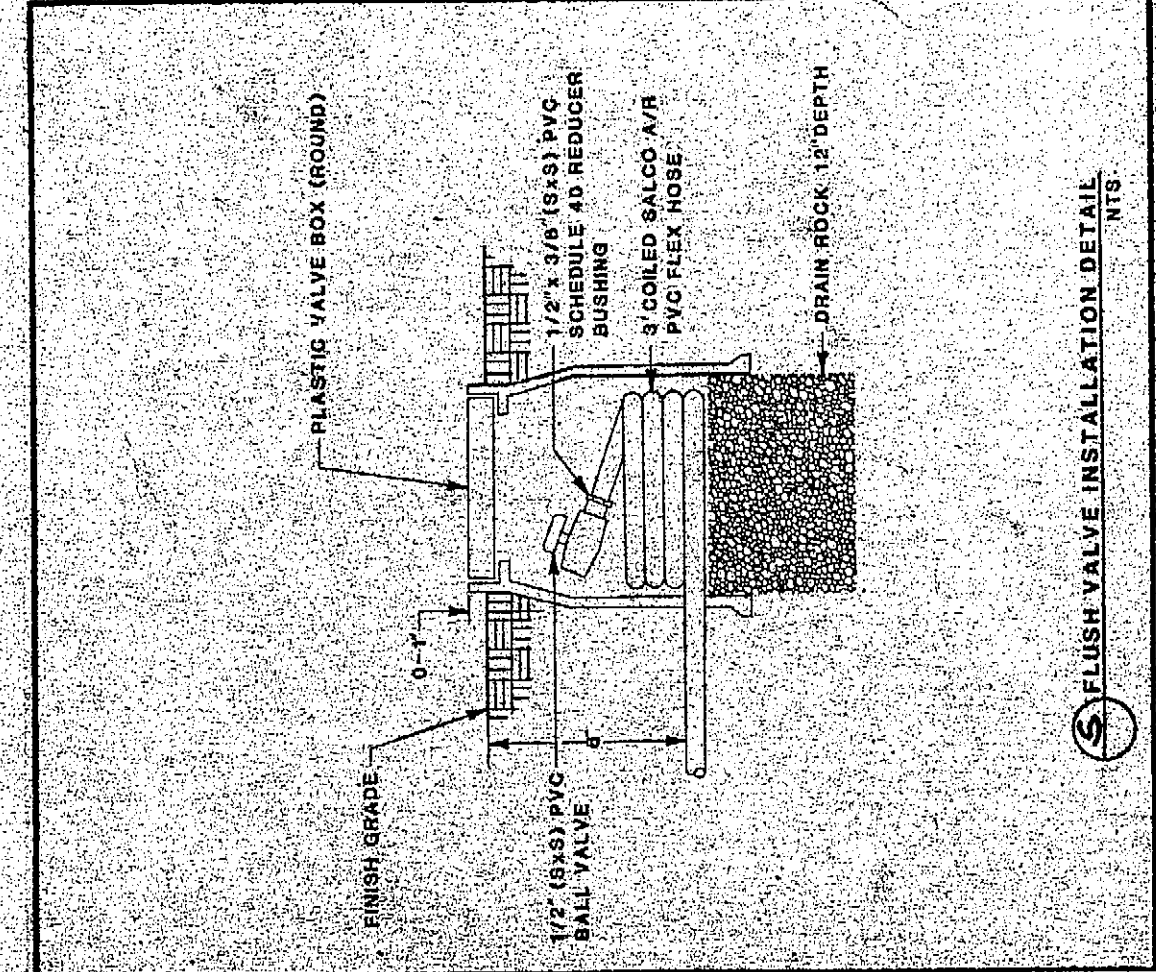
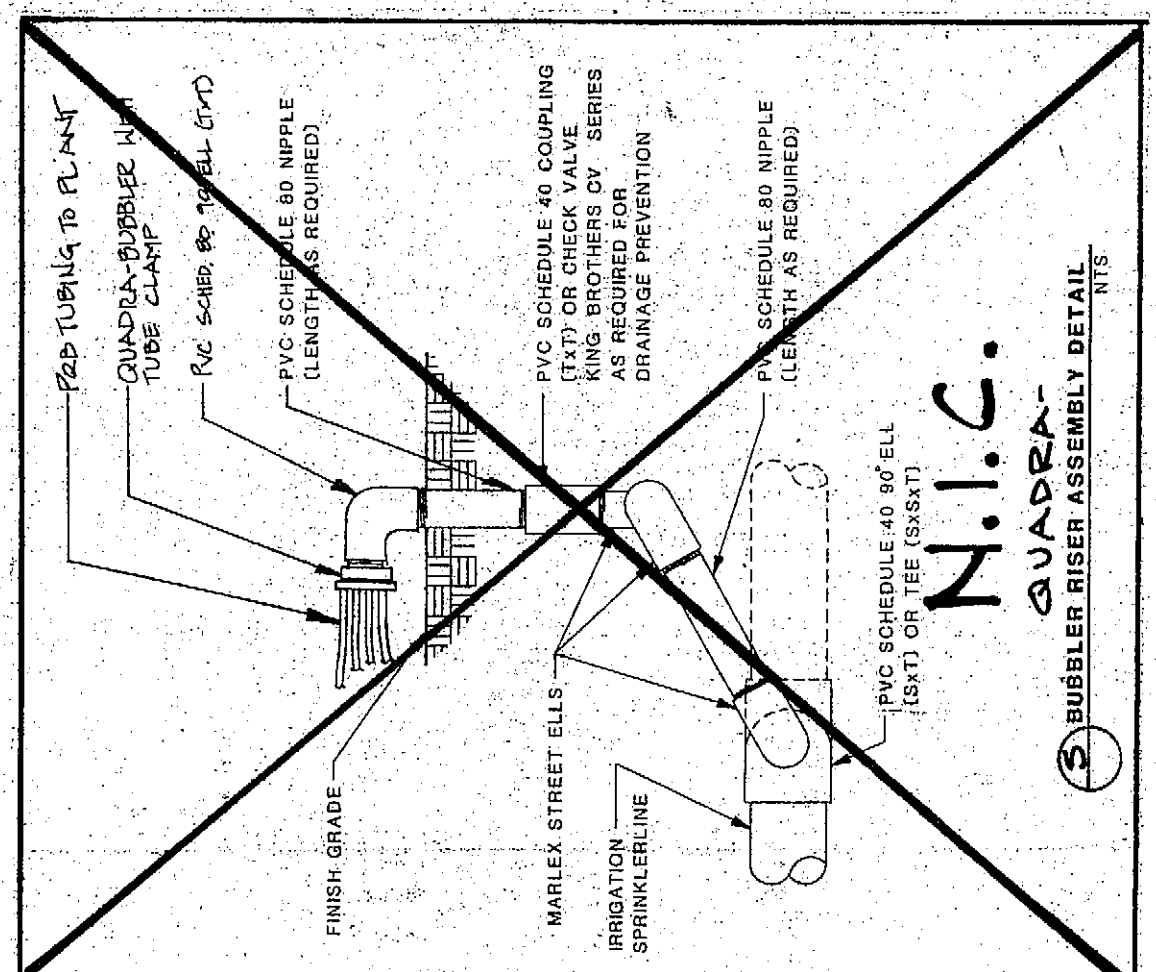
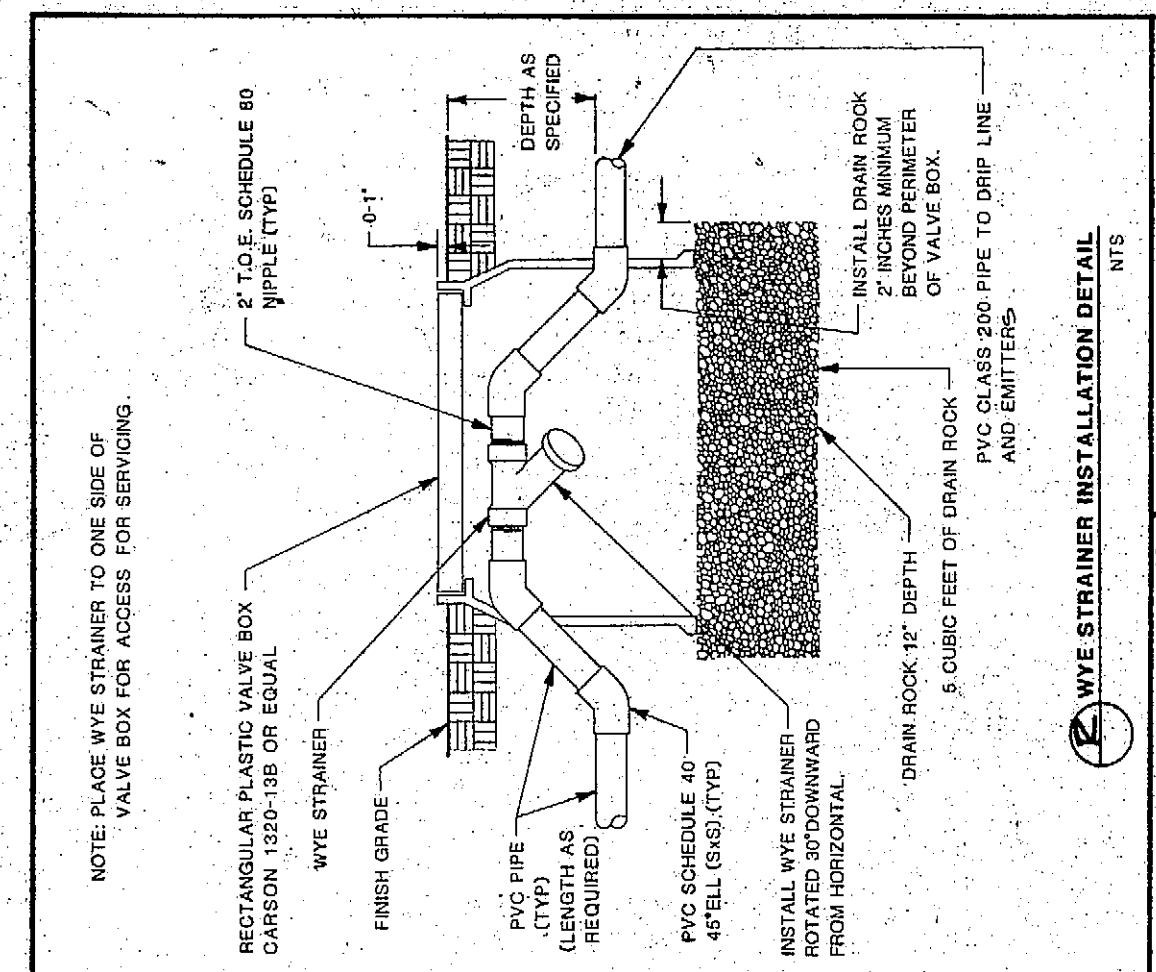
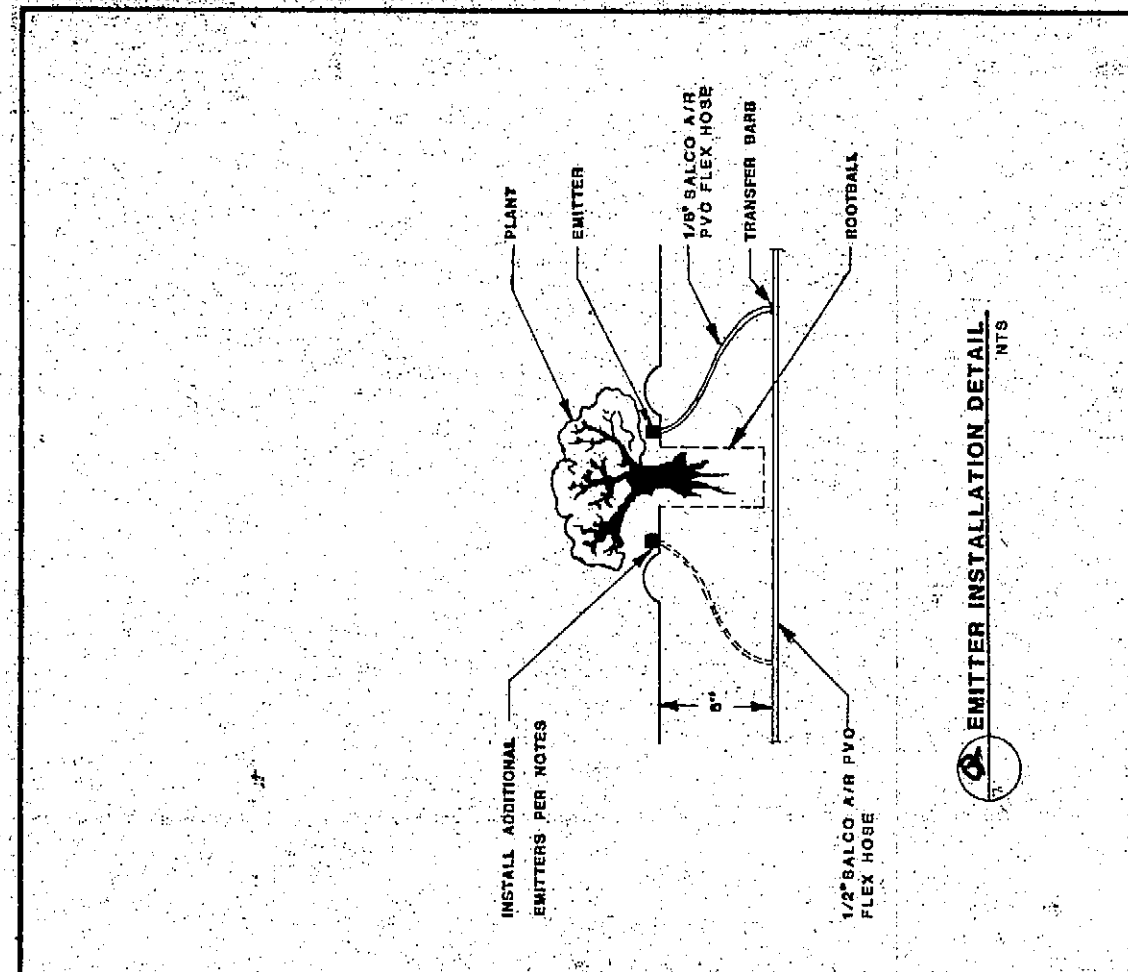
DAVID L. GATES & ASSOCIATES, INC.
LANDSCAPE ARCHITECTURE
2400 VASSAR DRIVE
DANVILLE, CALIFORNIA 94526

DRAWN BY: M.S.G. DATE: 3-3-89
CHECKED BY: DATE: 3-3-89
DRAWING NO: L-1

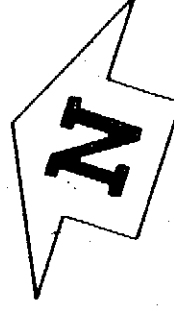


CONTROLLER LOCATION - REFER TO NOTE #5.

POINT OF CONNECTION - REFER TO NOTE #2.



SITE PLAN



ELEVENS ASSOCIATES
PRELIMINARY CONSULTANTS
1500 HILLBLADE AVENUE
PACIFIC PALMS, CALIFORNIA 91068
(714) 775-1020

GATES

DAVID L. GATES & ASSOCIATES
ASSOCIATE ARCHITECTS
LAND PLANNING CONSULTANTS
2400 SAN JUAN AVENUE
DANVILLE, CALIFORNIA 94526

IRRIGATION PLAN
VALACAL CORPORATION
PARCEL DISTRIBUTION FACILITY
FOR
UNITED PARCEL SERVICE
SAN RAMON, CALIFORNIA

DATE: 12-13-89
DRAWN BY: [Signature]
CHECKED BY: [Signature]

DRAWING NO. L 2

