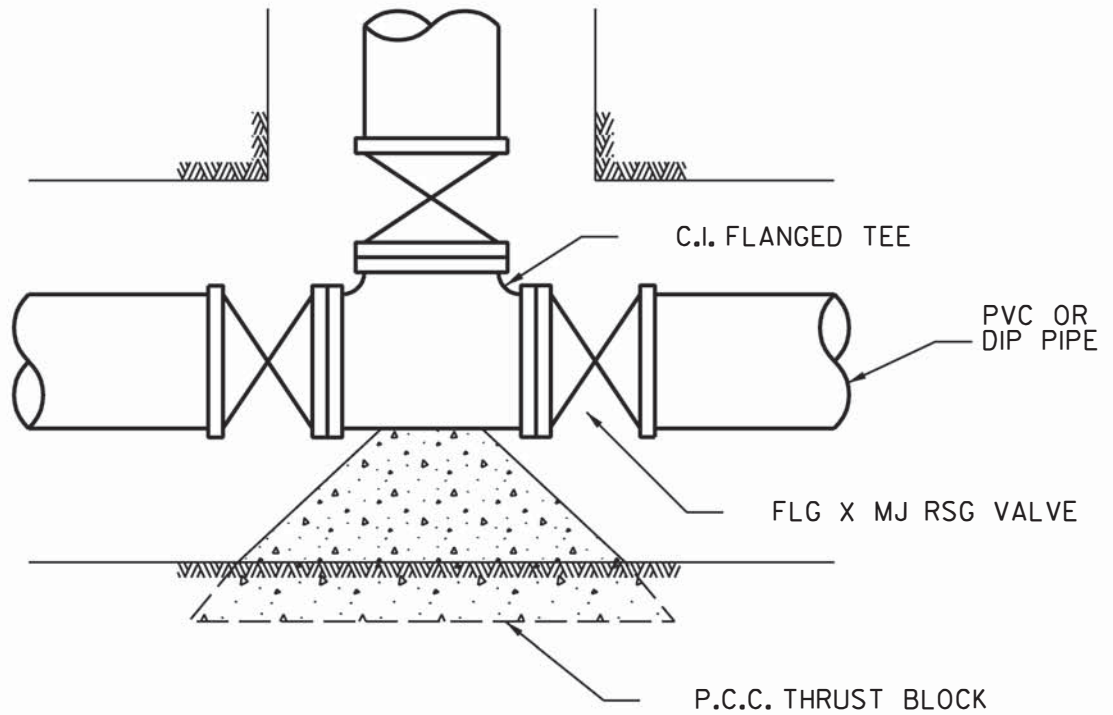
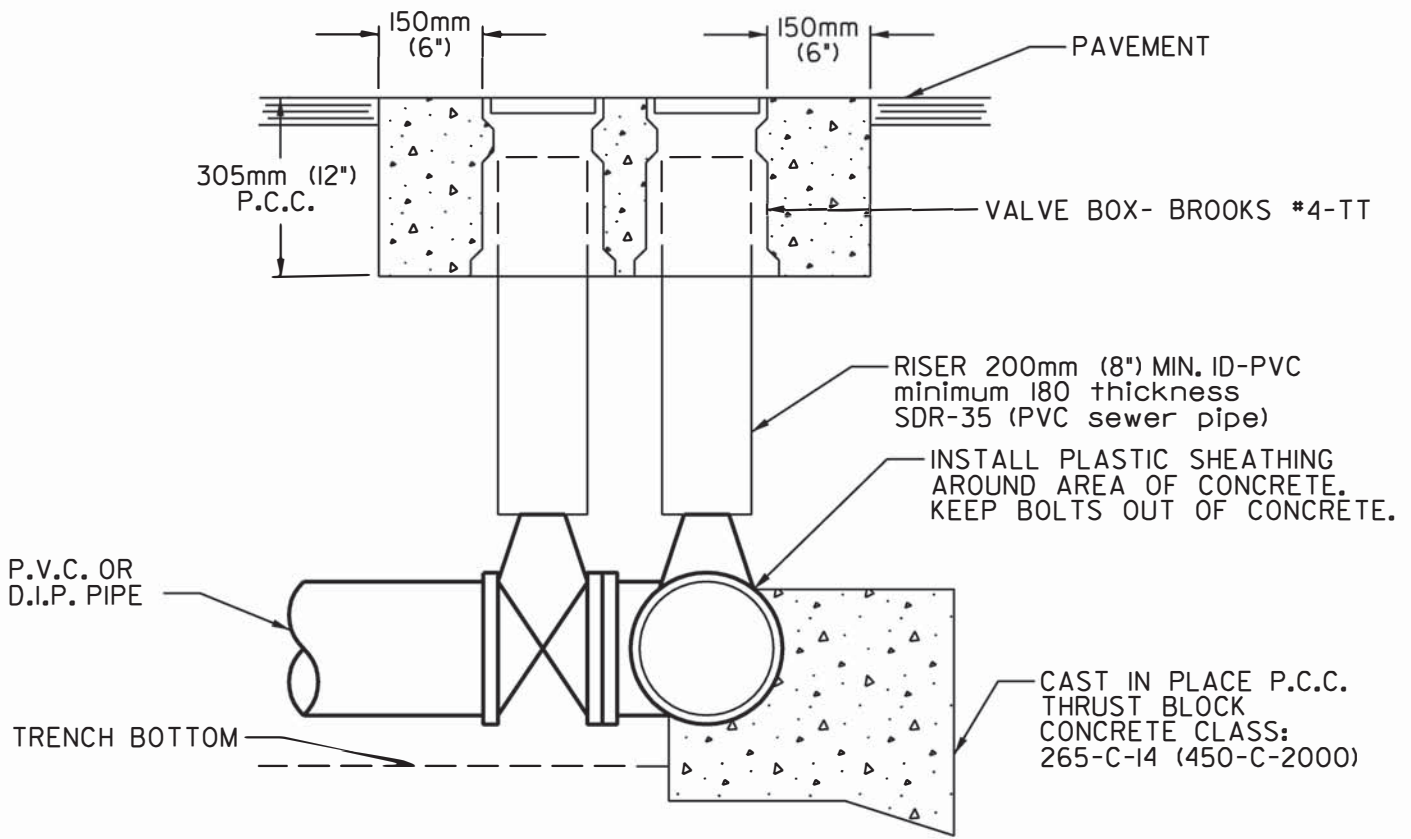


Drawing No. 102

VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT

CROSS WITH 4 VALVES FLG. X RT.



Drawing No. 103

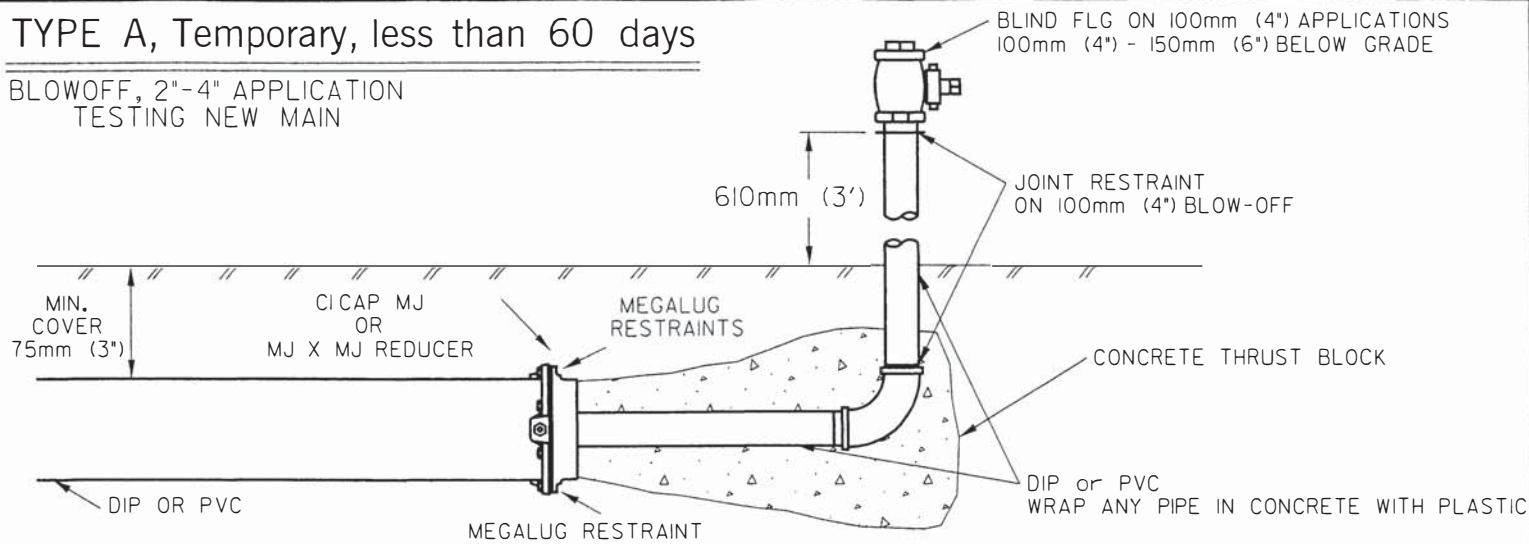
VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT

TEE WITH 3 VALVES FLG. X RT.

MARK	REVISIONS	APPR.	DATE

TYPE A, Temporary, less than 60 days

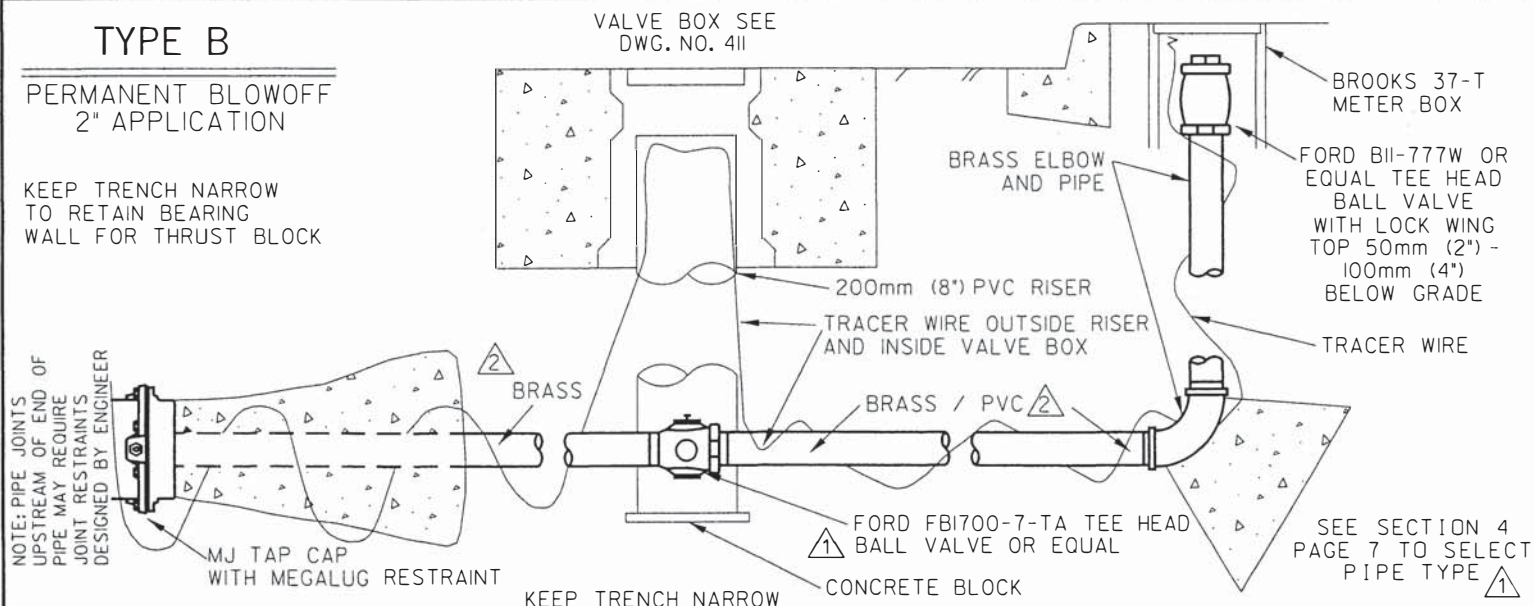
BLOWOFF, 2"-4" APPLICATION
TESTING NEW MAIN



TYPE B

PERMANENT BLOWOFF
2" APPLICATION

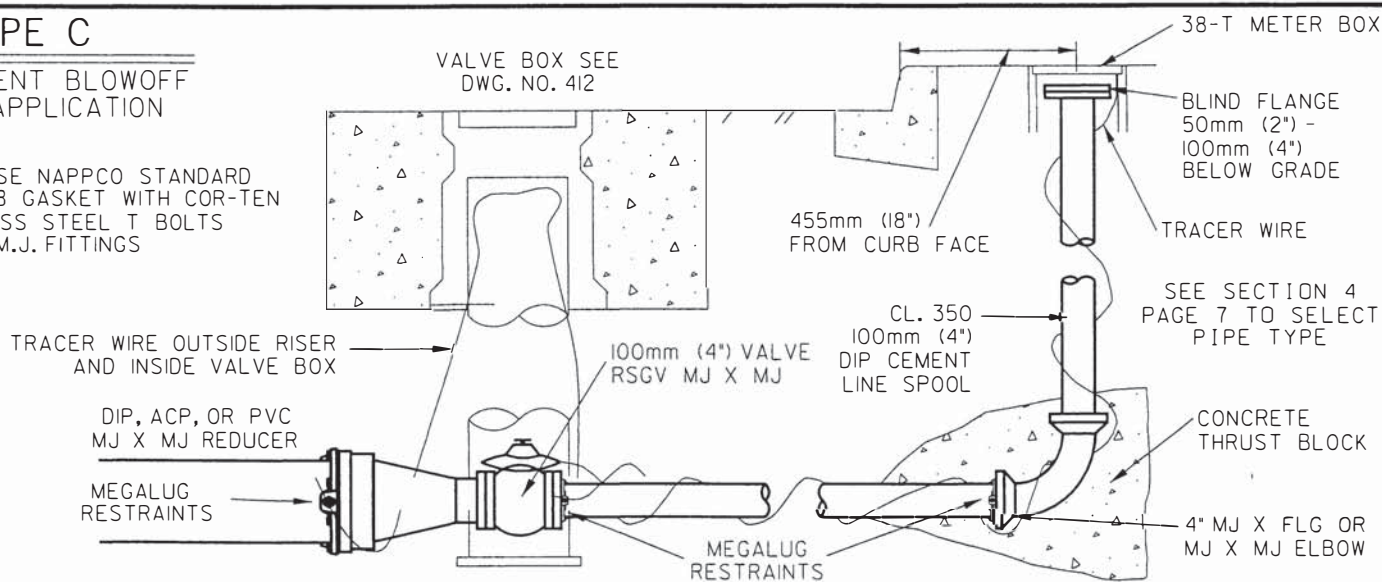
KEEP TRENCH NARROW TO RETAIN BEARING WALL FOR THRUST BLOCK



TYPE C

PERMANENT BLOWOFF
4"-6" APPLICATION

NOTE: USE NAPPCO STANDARD GLAND 8 GASKET WITH COR-TEN STAINLESS STEEL T BOLTS ON AL M.J. FITTINGS



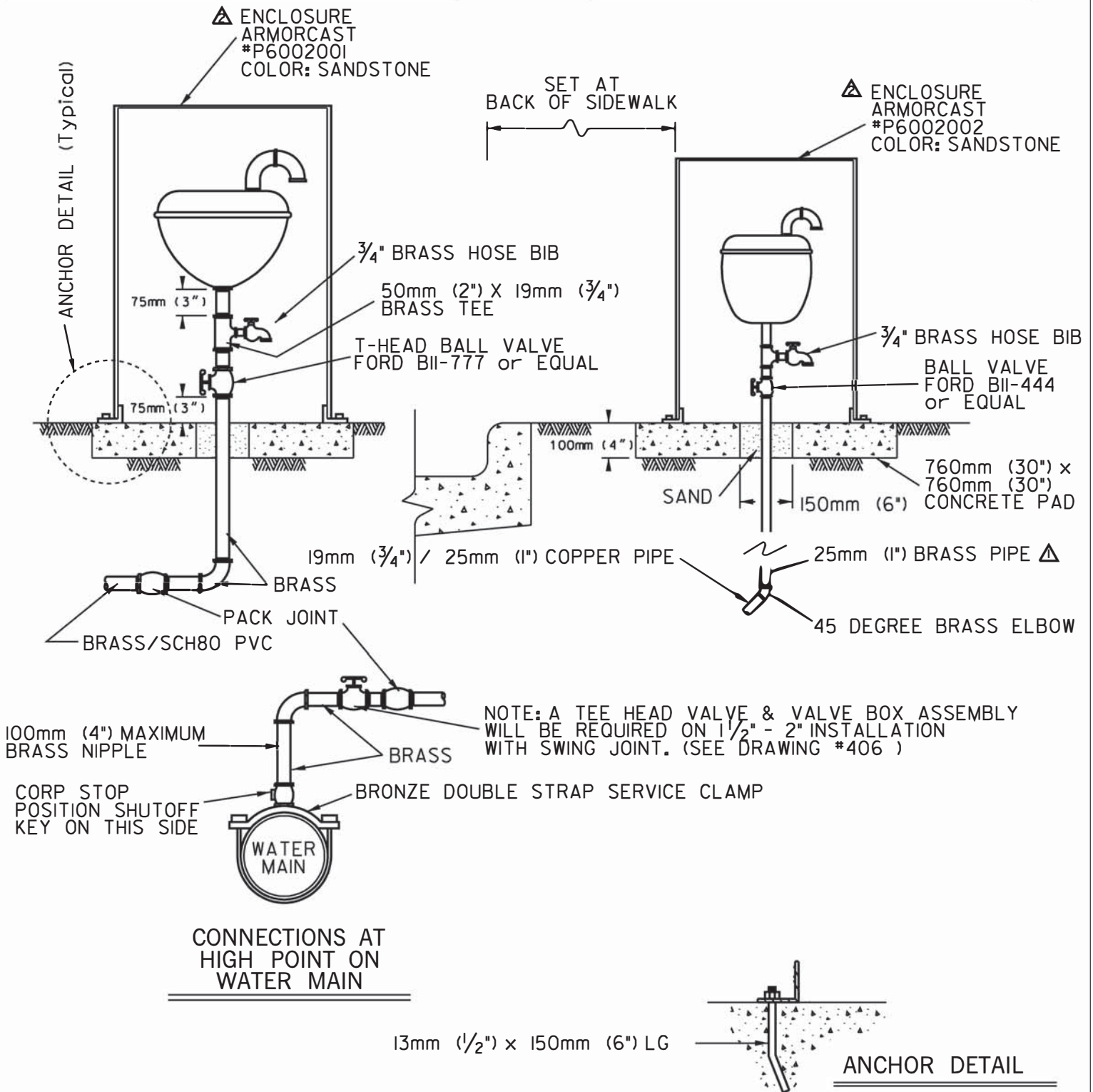
Drawing No. 104

VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT

2"-6" BLOWOFF INSTALLATION

2" COMBINATION AIR RELEASE
AND
VACUUM VALVE ASSEMBLY

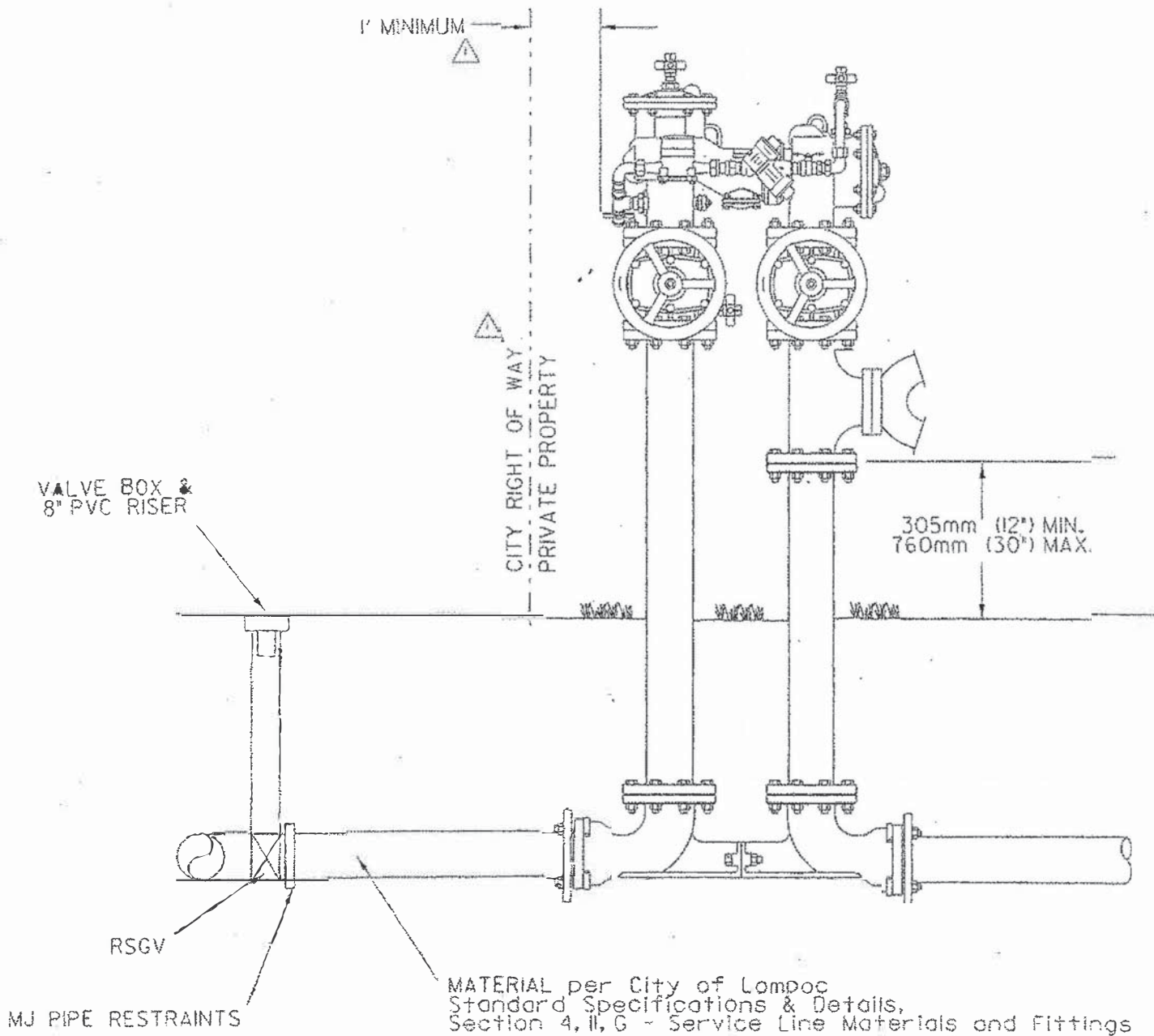
1" COMBINATION AIR RELEASE
AND
VACUUM VALVE ASSEMBLY



Drawing No. 105

VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT

COMBINATION AIR RELEASE VALVES



MATERIAL per City of Lompoc
 Standard Specifications & Details,
 Section 4, II, G - Service Line Materials and Fittings

NOTE: ALL CROSS-CONNECTION CONTROL DEVICES MUST BE TESTED BY A CERTIFIED TESTER PRIOR TO FINAL INSPECTION.

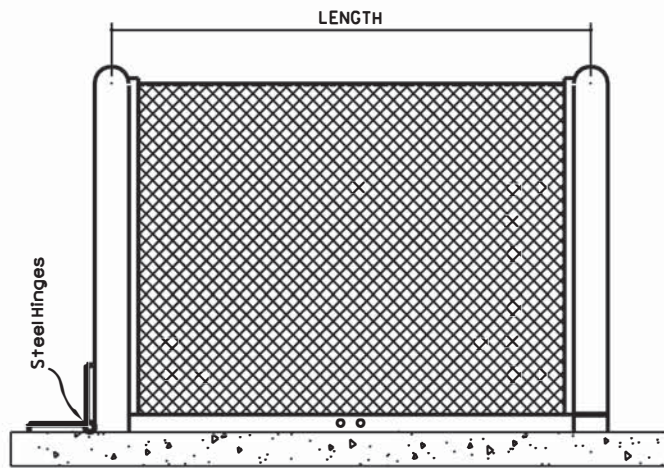
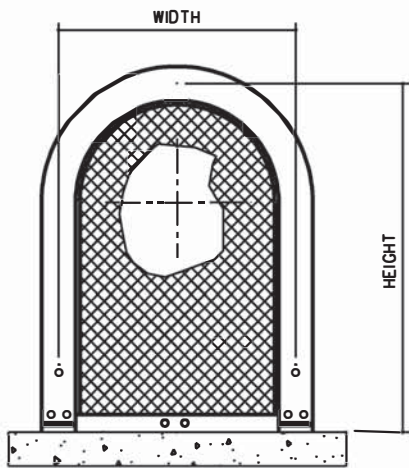
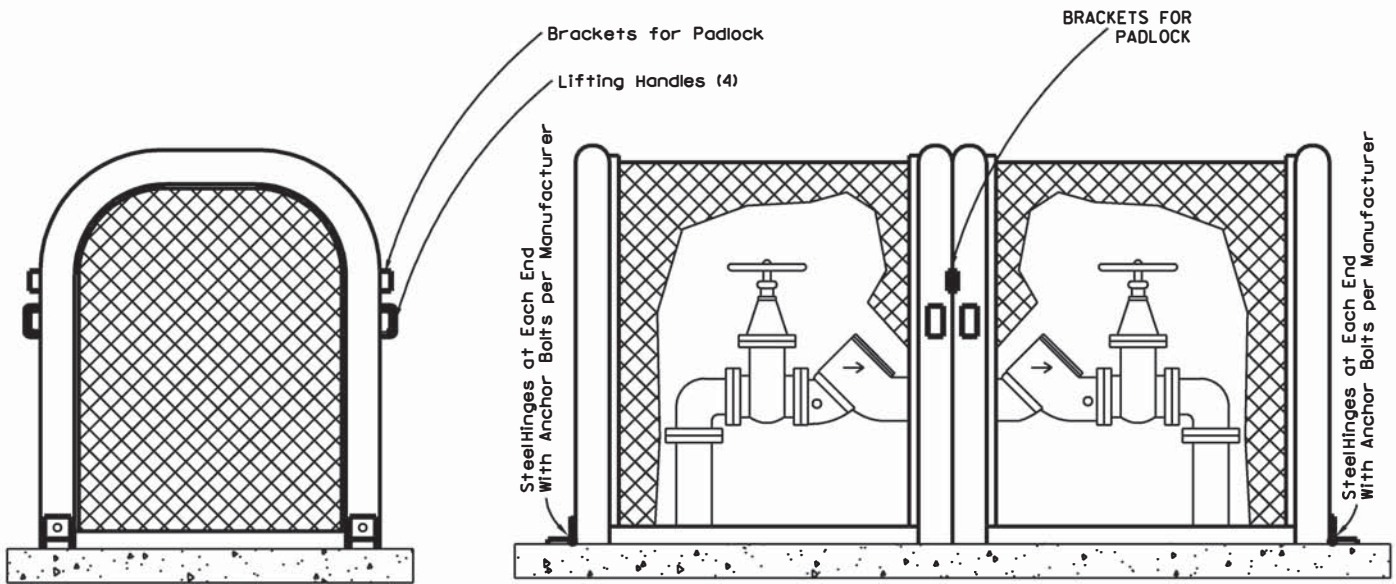
455mm (18") MIN. CLEARANCE FROM NEAREST STRUCTURE

Drawing No. 106

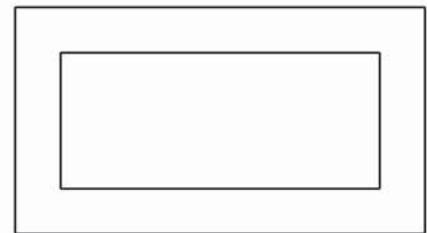
VANDENBERG VILLAGE
 COMMUNITY SERVICES DISTRICT



3" 12" VERTICAL CROSS-CONNECTION
 CONTROL WET FIRE SPRINKLER SYSTEM
 WITH FIRE DEPARTMENT CONNECTION



Enclosures Installed when required on Plans



Minimum 4" Thick Concrete Pad

Guardshack EnclosuresTM
or Approved Equal

Drawing No. 107

VANDBERG VILLAGE
COMMUNITY SERVICES DISTRICT

Backflow Prevention Device Enclosure

MARK	REVISIONS	APPR.	DATE

FORD ANGLE BALL COPPERSETER
 PADLOCK WING DUAL CARTRIDGE CHECK
 VALVE/INLET P.J./OUTLET DUAL PURPOSE

ARMORCAST METERBOX PER CITY OF LOMPOC
 STANDARD SPECIFICATIONS AND DETAILS
 SECTION II,G,(6)

BROOKS 4-TT
 (TRIANGLE LIDS)

SEE DRAWING 400
 FOR DIMENSIONS

50mm (2")
 TEE-HEAD
 CORP STOP
 BALL VALVE
 FORD FBI700-7-TA
 OR EQUAL
 MIP x FIP

200mm (8") PVC RISER

NOTCH PIPE RISER TO FIT
 SNUG AROUND SERVICE LINE

PVC PACK JOINT
 COUPLING ADAPTER

50mm (2") PVC SCHEDULE 80 OR BRASS
 PER SECTION II MATERIALS, G(1) OF THE
 LOMPOC STANDARD SPECIFICATIONS & DETAILS

FORD DOUBLE
 BAND SADDLE
 #202BS OR EQUAL

CONCRETE SLAB

INSTALL 1/4" MESH - 14 GAUGE
 GALVANIZED SCREEN AS
 GOPHER BARRIER PROTECTION

25mm (1") TYPE K COPPER
 SHOWN WITH 6 MIL PLASTIC
 SLEEVE TAPE

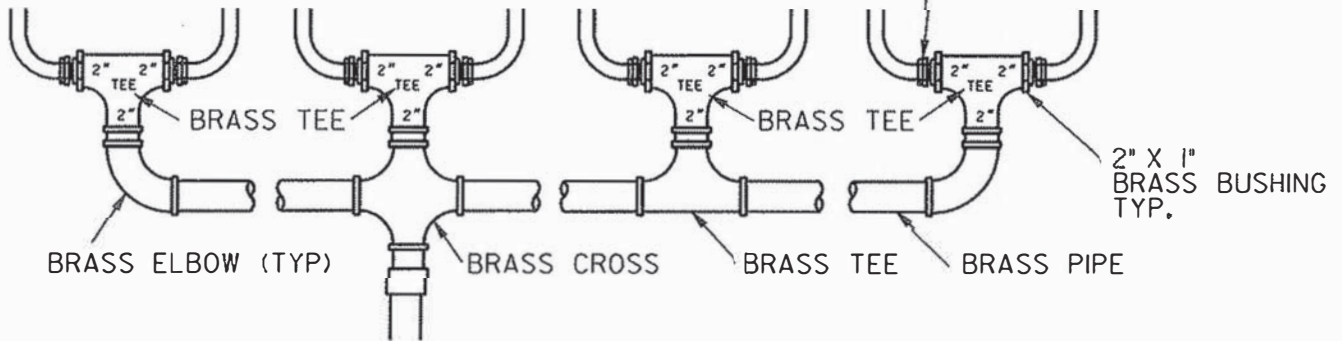
1 WATER METER BOXES SHALL SIT 100mm (4")
 BEHIND SIDEWALK OR CURB, BUT SHALL NOT
 BE PLACED IN SIDEWALKS OR DRIVEWAYS

LOCATION OF VALVE ON EXISTING SERVICE LINES WITH CORP STOP

ALL BRASS SWING JOINT

LOCATION OF VALVE ON NEW SERVICE LINES

25mm (1") MIPT X 25mm
 (1") PACK JOINT FOR
 C.T.S., C84-44 FORD
 OR EQUAL (TYP.)



Drawing No. 108

VANDENBERG VILLAGE
 COMMUNITY SERVICES DISTRICT

1", 2 - 8 METER MANIFOLD

1-1/2" & 2" SERVICE METER INSALLATION

NOTE:
Connections between Meter and Backflow Assembly are not permitted.

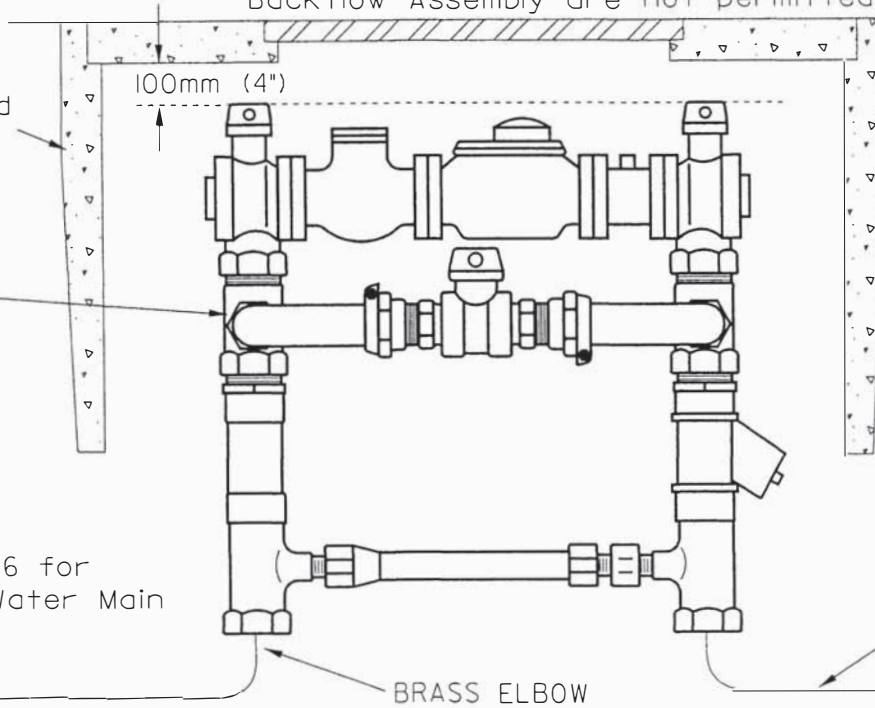


ARMORCAST BOX
per City Standard
Specifications.

1/2" OR 2"
FORD CUSTOM
COPPER SETTER

BRASS
See Drawing #406 for
Connection to Water Main

TO MAIN



R.P. DEVICE

WHEN
REQUIRED

TYPE "L"
COPPER

PVC

1-1/2" & 2" TURBINE METER INSTALLATION IRRIGATION

R.P. DEVICE



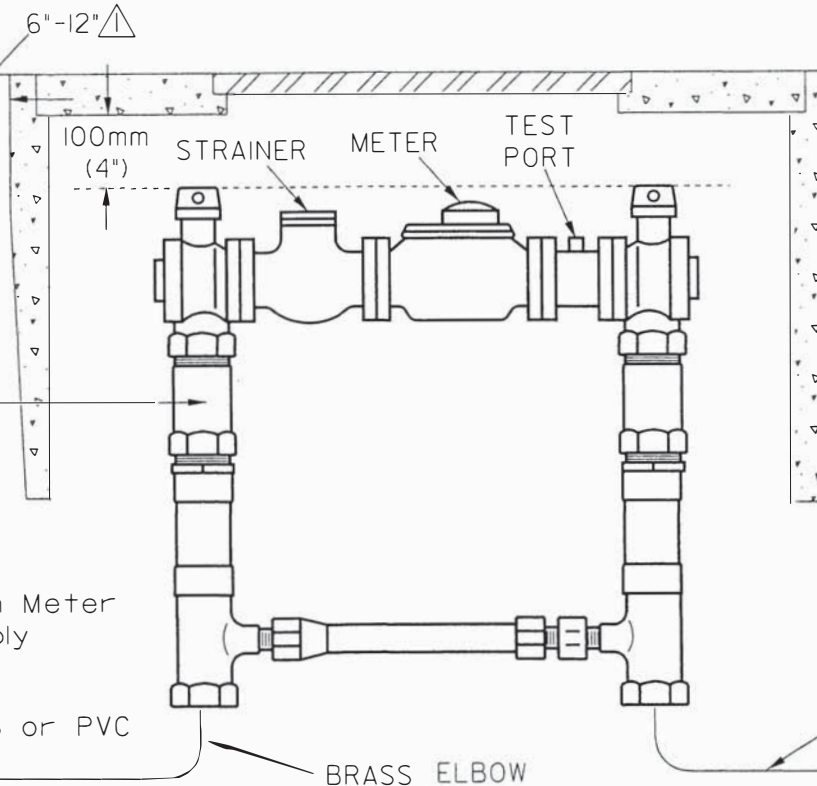
Typical Sidewalk

NOTE: After landscaping is completed the box may require concrete retaining wall around it.

1/2" OR 2"
FORD CUSTOM
COPPER SETTER
WITHOUT BY-PASS

NOTE:
Connections between Meter and Backflow Assembly are not permitted.

TO MAIN



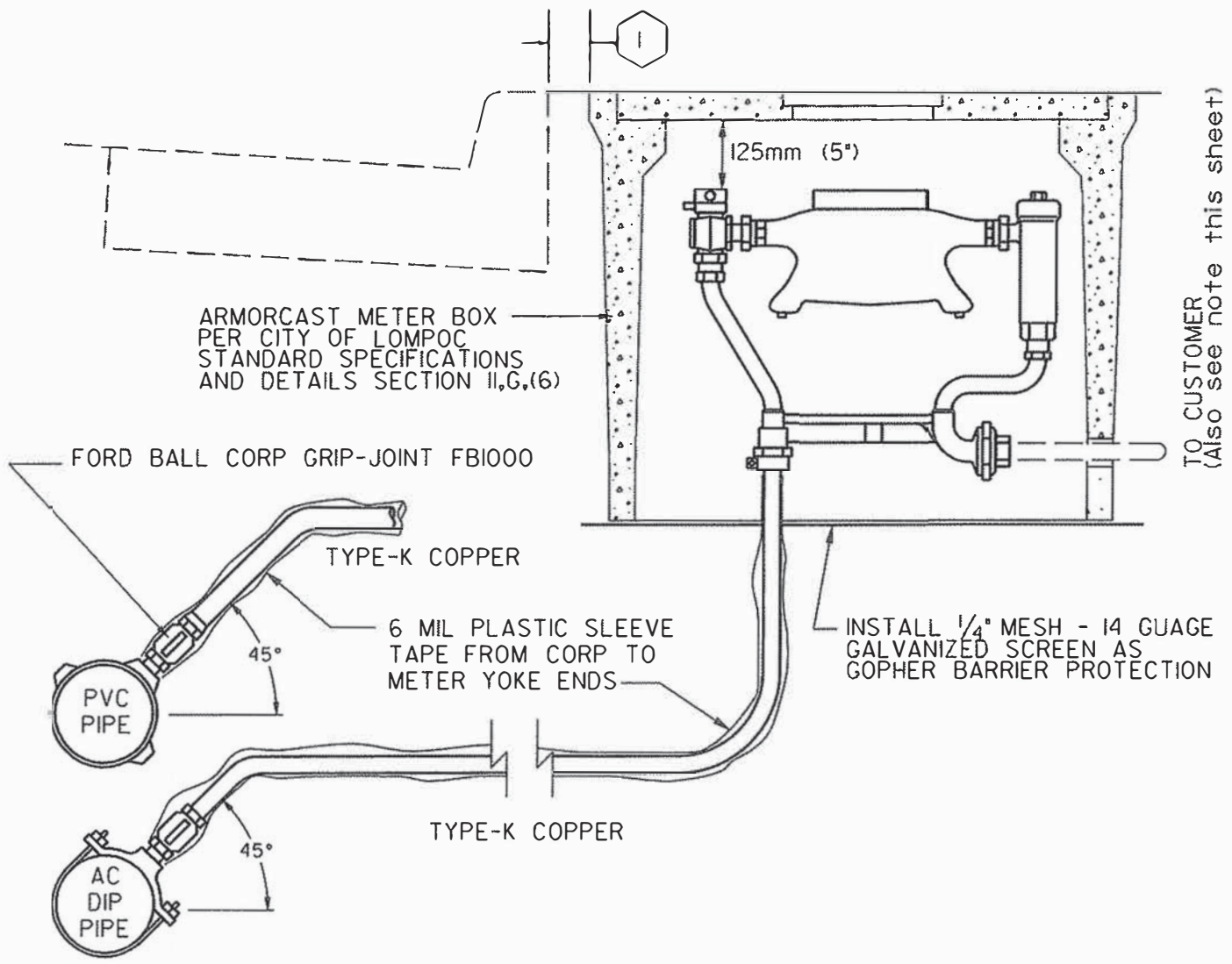
TYPE "L"
COPPER

PVC

Drawing No. 109

VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT

1 1/2" & 2" SERVICE AND METER
INSTALLATION



TO CUSTOMER
(Also see note this sheet)

SERVICE SADDLES ARE PER SECTION II, MATERIALS, G(3) OF THE CITY OF LOMPOC STANDARD SPECIFICATIONS & DETAILS

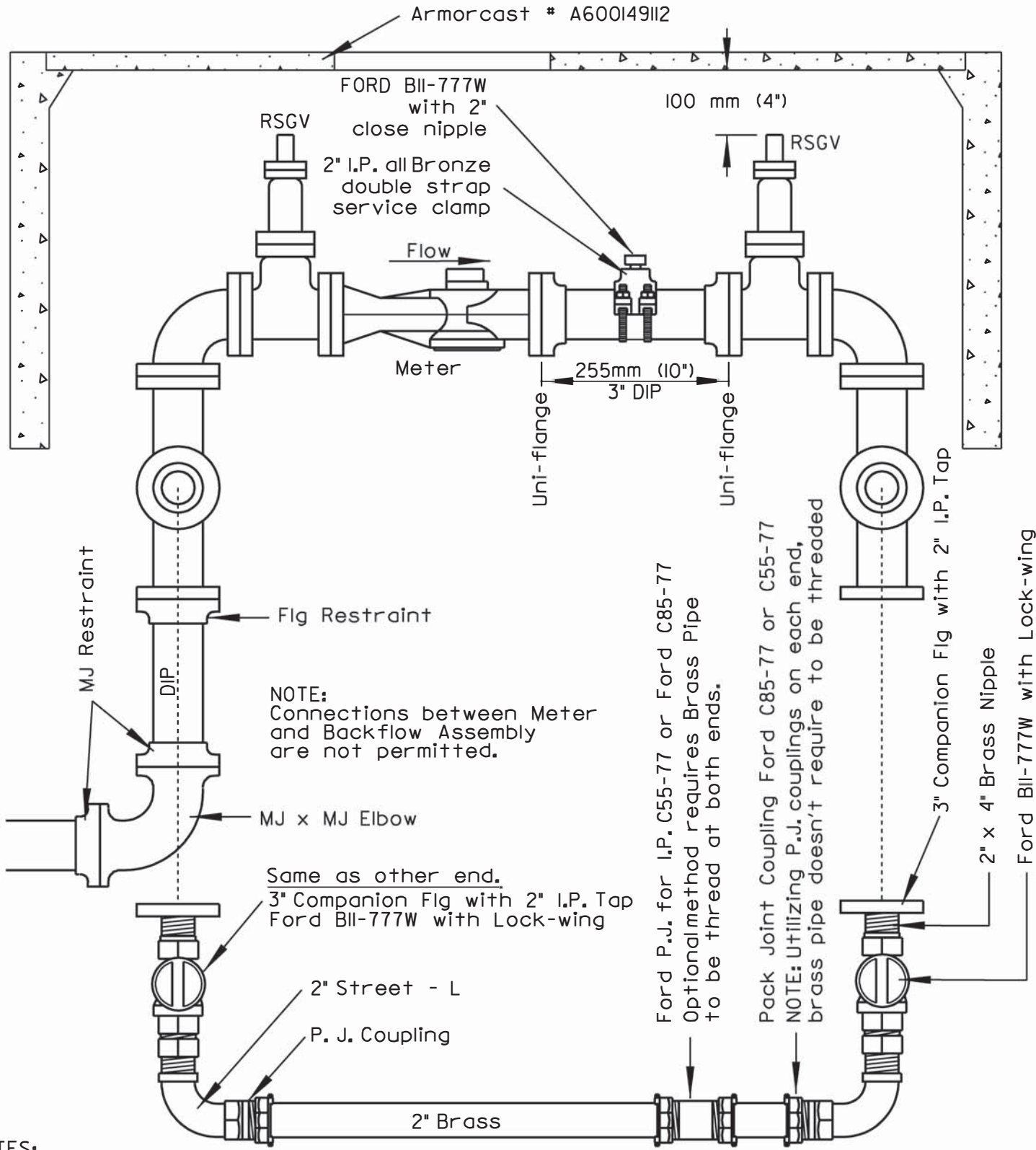
⬡ WATER METER BOXES SHALL SIT 100mm (4") BEHIND SIDEWALK OR CURB, BUT SHALL NOT BE PLACED IN SIDEWALKS OR DRIVEWAYS

⚠ TYPE "L" COPPER MUST BE USED BETWEEN METER YOKE AND BACKFLOW DEVICE WHEN BACKFLOW DEVICE IS INSTALLED.

Drawing No. 110

VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT

1" WATER SERVICE CONNECTION



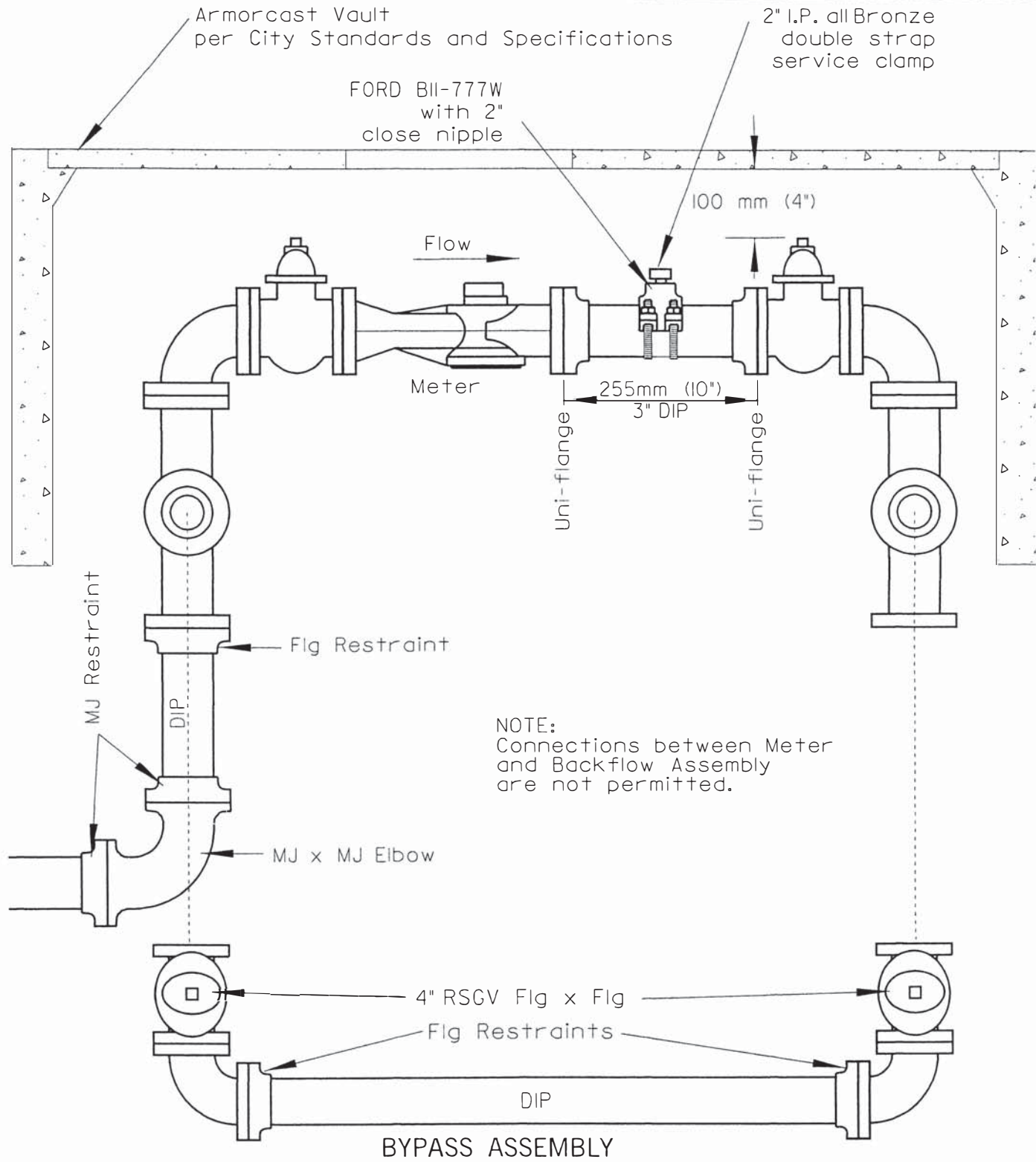
NOTES:
 All valves 3" through 12" will be RSVG (Resilient Seat Gate Valves). Valves shall be Mueller or approved equal with Non-rising Stem, with either 2" operating nut or hand wheel. Use brass bolts on meter flanges. All other bolts and nuts are to be low carbon steel and conform to ASTM A 307 GRADE.

Drawing No. 111		
MARK	REVISIONS	APPR.

VANDENBERG VILLAGE
 COMMUNITY SERVICES DISTRICT

3" METER WITH BY-PASS

SHEET 1 OF 1



NOTES:

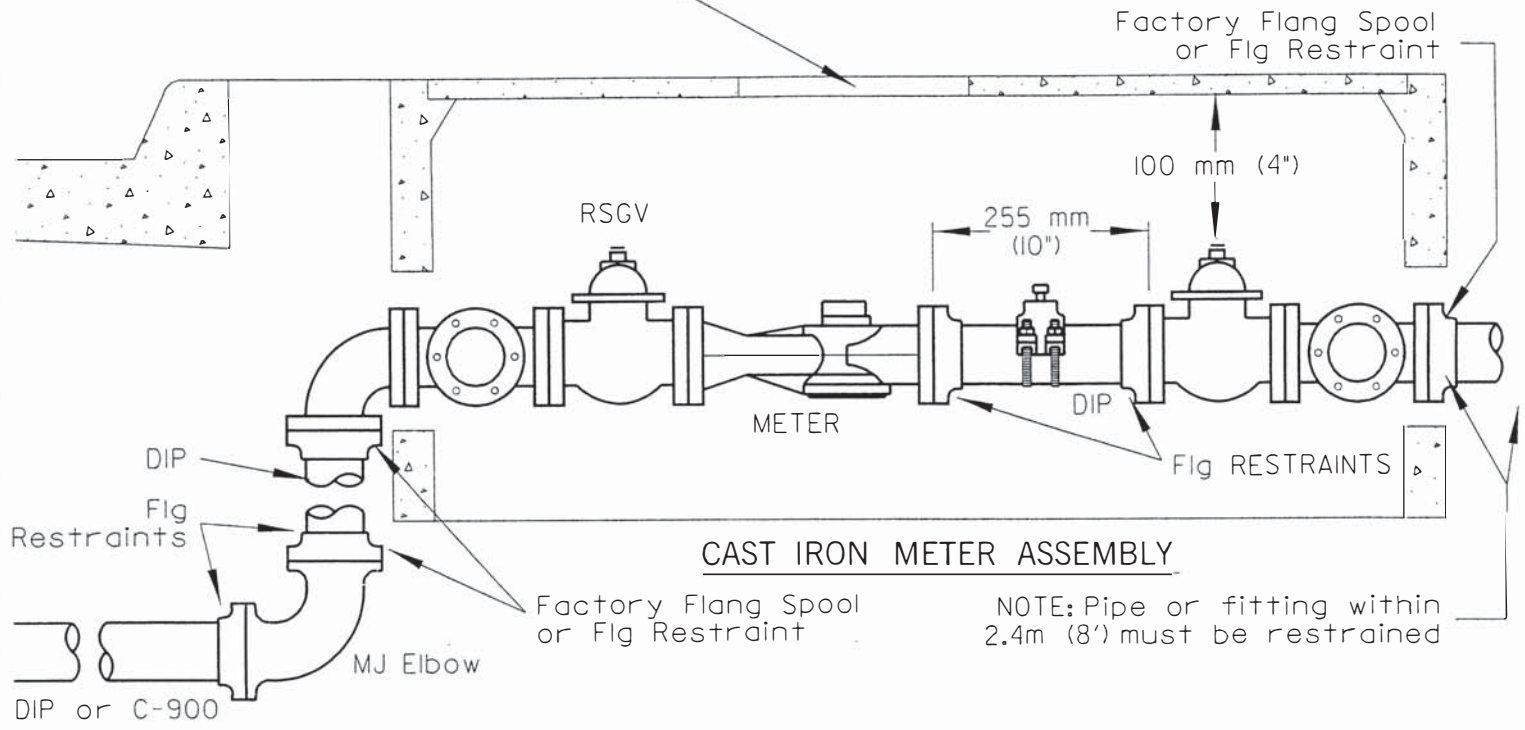
All valves 3" through 12" will be RSGV (Resilient Seat Gate Valves). Valves shall be Mueller or approved equal with Non-rising Stem, with either 2" operating nut or hand wheel. Use brass bolts on meter flanges. All other bolts and nuts are to be low carbon steel and conform to ASTM A 307 GRADE.

Drawing No. 112-1

VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT

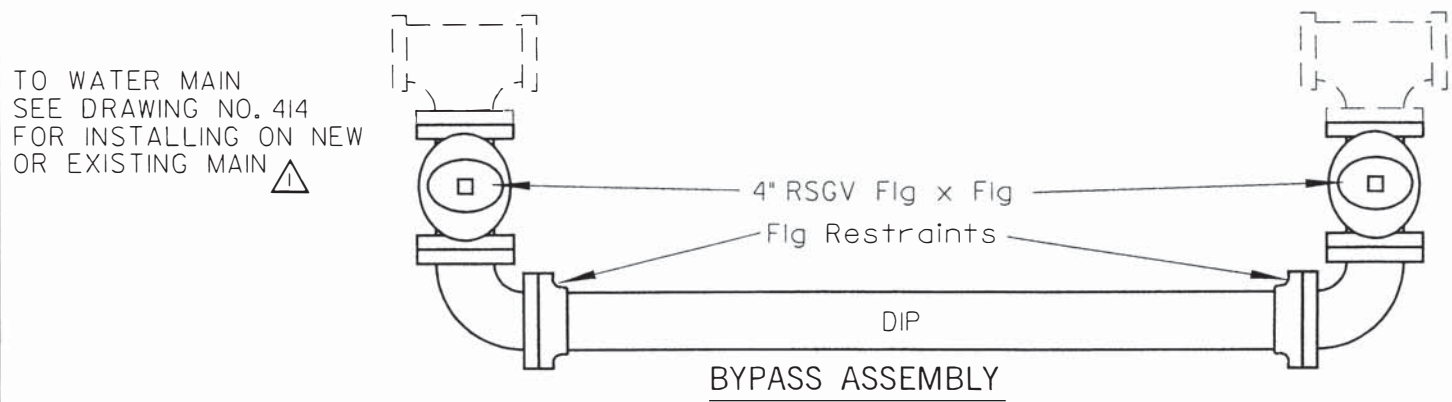
4" METER WITH BY-PASS

By special design and approved by the Water Division
 3-piece steel diamond plate cover
 with hinge meter reading lid



CAST IRON METER ASSEMBLY

NOTE: Pipe or fitting within 2.4m (8') must be restrained



BYPASS ASSEMBLY

- NOTES:
1. All valves 3" through 12" will be RSGV (Resilient Seat Gate Valves). Valves shall be Mueller or approved equal with Non-rising Stem, with either 2" operating nut or hand wheel
 2. Use brass bolts on meter flanges. All other bolts and nuts are to be low carbon steel and conform to ASTM A 307 GRADE.
 3. Connections between Meter and Backflow Assembly are not permitted.

Drawing No. 112-2

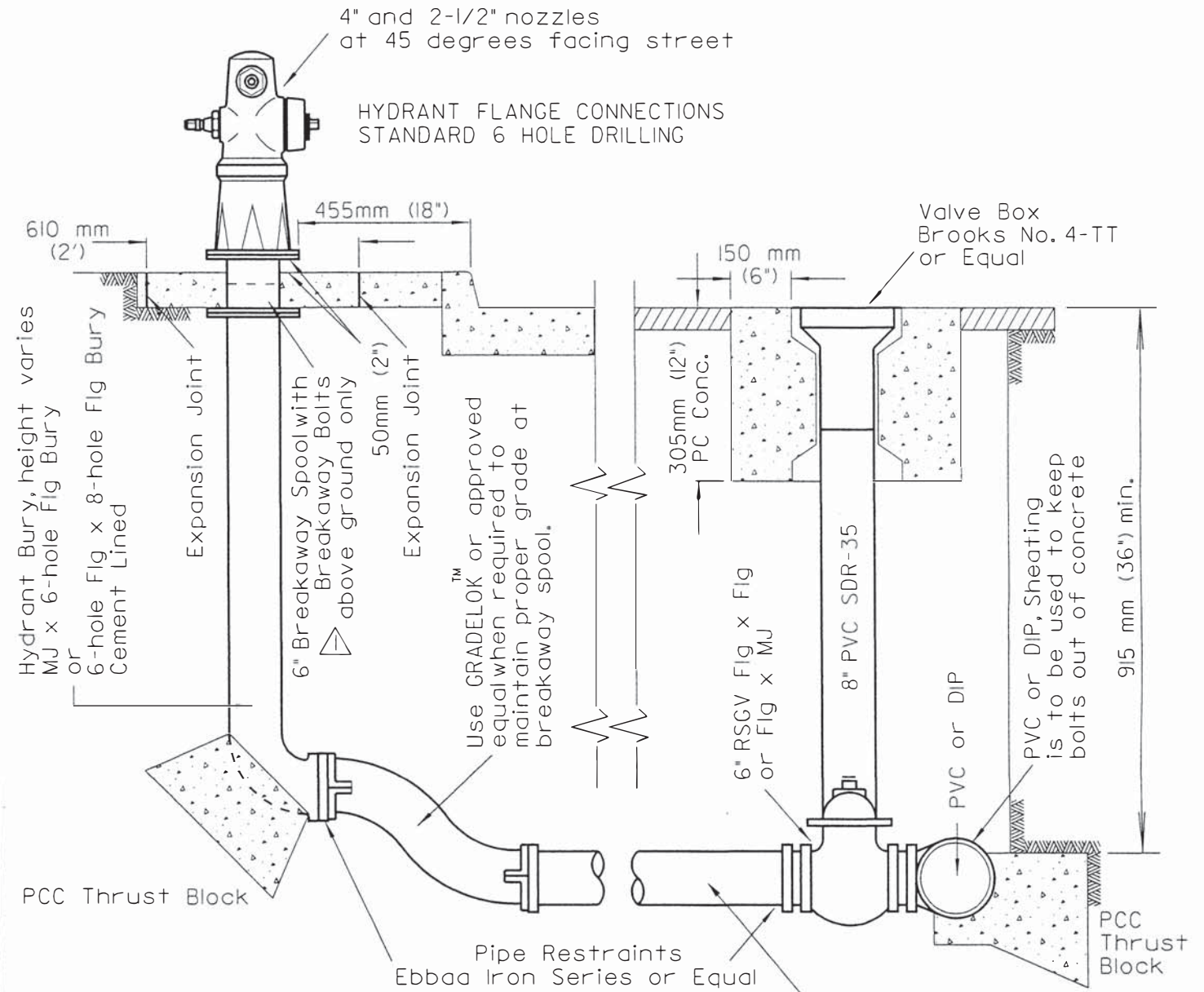
VANDEMBERG VILLAGE
 COMMUNITY SERVICES DISTRICT

6" SERVICE INSTALLATION w/By-Pass

Residential Hydrants shall be all bronze construction with a 6 hole flanged inlet, one 4" national standard thread outlet and one 2-1/2" national standard thread outlet. They shall be manufactured with removeable stem support inserts, swivle disc assembly (no cotter pins), 1-1/8" Pentagon Operating Nuts and Bronze Caps. James Jones J-3700-R-Z2.



Commercial Hydrants shall be same as #1 except with one 4" national standard thread outlet and two 2-1/2" National standard thread outlets. James Jones J-3765.



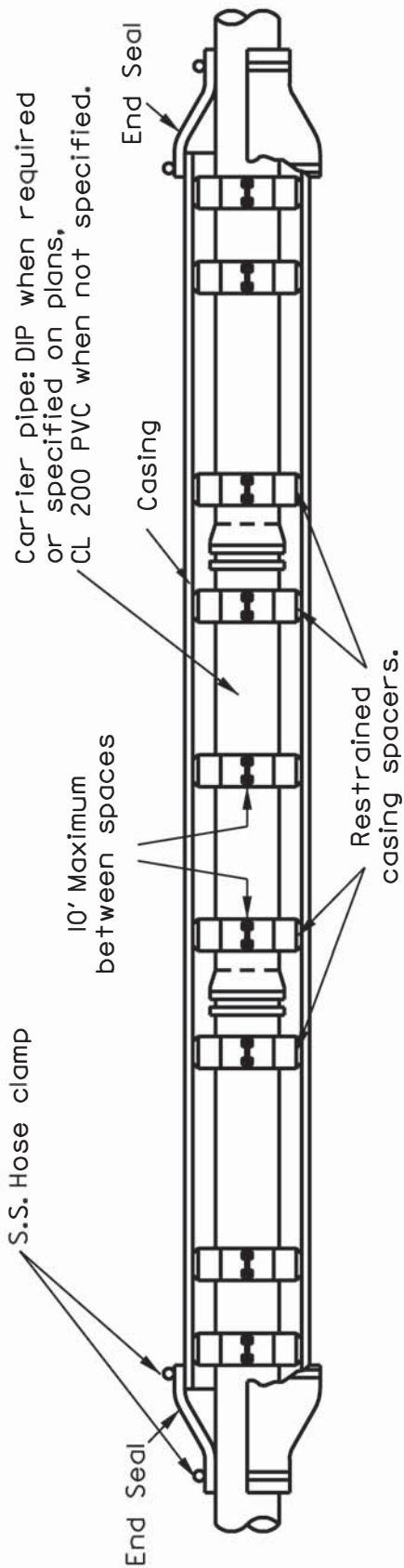
NOTE: On long Hydrant runs use tracer wire and stub to flange bolts.

MATERIAL per City of Lompoc Standard Specifications & Details, Section 4, II, G - Service Line Materials and Fittings

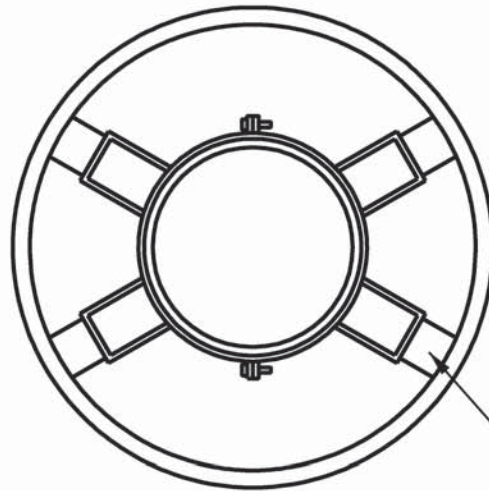
Drawing No. 113

VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT

HYDRANT INSTALLATION



TYPICAL CASING SPACER CONFIGURATION



Drawing No. 115

VANDEMBERG VILLAGE
COMMUNITY SERVICES DISTRICT

TYPICAL CASING SPACER
CONFIGURATION

MARK	REVISIONS	APPR.

Department of Health Services, State of California

Criteria for the Separation of Water Mains and Sanitary Sewers

Case 1 - New wastewater line installation with new or existing water main.

Case 2 - New water installation with existing wastewater line.

Construction Criteria

Case 1: New wastewater line being installed. Special construction required for:

Zone Wastewater Line

A Wastewater lines parallel to water mains shall not be permitted in this zone without approval from the responsible Health Agency and Water Supplier.

B A wastewater line placed parallel to a water main shall be constructed of:

1. Extra strength vitrified clay pipe with compression joints.
2. Class 4000, Type II, Asbestos-Cement pipe with rubber gasket joints.
3. Plastic Wastewater Pipe with rubber ring joints (per ASTM D3034) or equivalent.
4. Cast of Ductile Iron pipe with compression joints.
5. Reinforced Concrete Pressure Pipe with compression joints (per AWWA C302-74).

C A Wastewater Line crossing a Water Main shall be constructed of:

1. Ductile Iron Pipe with Hot Dip Bituminous Coating and Mechanical Joints.
2. A continuous section or Class 200 (DR14 per AWWA C900) Plastic Pipe or equivalent, centered over the pipe being crossed.
3. A continuous section of Reinforced Concrete Pressure Pipe (per AWWA C302-74) centered on the pipe being crossed.
4. Any Wastewater Pipe within a continuous sleeve.

D A Wastewater Line crossing a Water Main shall be constructed of:

1. A continuous section of Ductile iron Pipe with Hot Dip Bituminous Coating.
2. A continuous section or Class 200 (DR14 per AWWA C900) Plastic Pipe or equivalent, centered over the pipe being crossed.
3. A continuous section of Reinforced Concrete Pressure Pipe (per AWWA C302-74) centered on the pipe being crossed.
4. Any Wastewater Pipe within a continuous sleeve.
5. Any Wastewater Pipe separated by a 3.05 m (10') by 3.15 m (10'), 100 mm (4") thick reinforced concrete slab.

Drawing No. 117

VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT

SEPARATION REQUIREMENTS
FOR
SEWER AND WATER LINES

MARK	REVISIONS	APPR.	DATE

Department of Health Services, State of California

Criteria for the Separation of Water Mains and Sanitary Sewers

Case 2:

Zone Special Construction Requirements

- A** No Water Mains parallel to Wastewater Lines shall be constructed without approval from the responsible health Agency.
- B** If the Wastewater Line paralleling the Water Main does not meet the Case I, Zone B requirements, the Water Main shall be constructed of:
1. Ductile Iron Pipe with Hot Bituminous coating.
 2. Dipped and Wrapped 6 mm (1/4 inch) thick Welded Steel Pipe.
 3. Class 200, Type II, Asbestos Cement Pressure Pipe.
 4. Class 200 Pressure Rated Plastic Water Pipe (DRI4 per AWWA C900) or equivalent.
 5. Reinforced Concrete Pressure Pipe, Steel Cylinder Type, per AWWA C300-74, or C301-79, or C303-70.
- C** If the Wastewater Line crossing the Water Main does not meet the Case I, Zone C requirements, the Water Main shall have no joints in Zone C and be constructed of:
1. Ductile Iron Pipe with Hot Dip Bituminous Coating and Mechanical Joints.
 2. A continuous section or Class 200 (DRI4 per AWWA C900) Plastic Pipe or equivalent, centered over the pipe being crossed.
 3. A continuous section of Reinforced Concrete Pressure Pipe (per AWWA C302-74) centered on the pipe being crossed.
 4. Any Wastewater Pipe within a continuous sleeve.
- D** If the Wastewater Line crossing the Water Main does not meet the requirements for Zone D, Case I, the Water Main shall have no joints within four-feet from either side of the wastewater line and shall be constructed of:
1. Ductile Iron Pipe Hot Dip Bituminous coating.
 2. Dipped and Wrapped 6 mm (1/4 inch) thick Welded Steel Pipe.
 3. Class 200 Pressure rated Plastic Water Main Pipe (DRI4 AWWA C900) or equivalent.
 4. Reinforced Concrete Pressure Pipe, Steel Cylinder Type, per AWWA C300-74, or C301-79, or C303-70.

Drawing No. 117

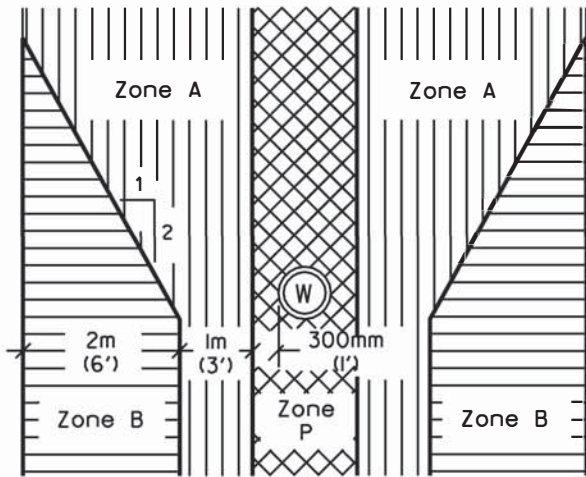
VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT

SEPARATION REQUIREMENTS
FOR
SEWER AND WATER LINES

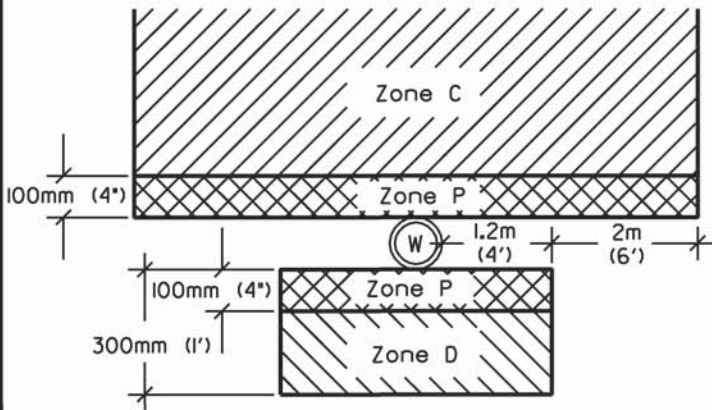
MARK	REVISIONS	APPR.	DATE	

CASE 1 - NEW SEWER MAIN

PARALLEL



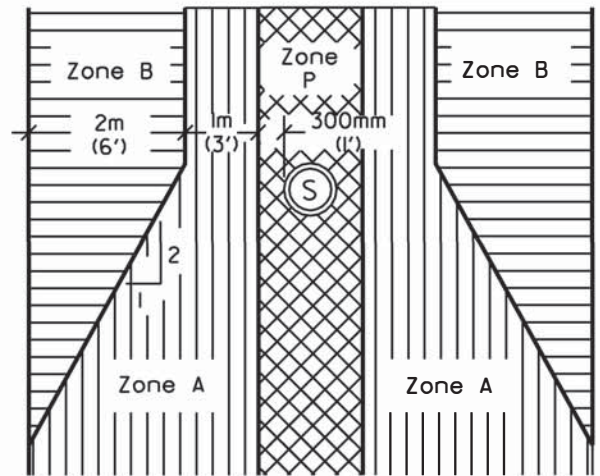
CROSSING



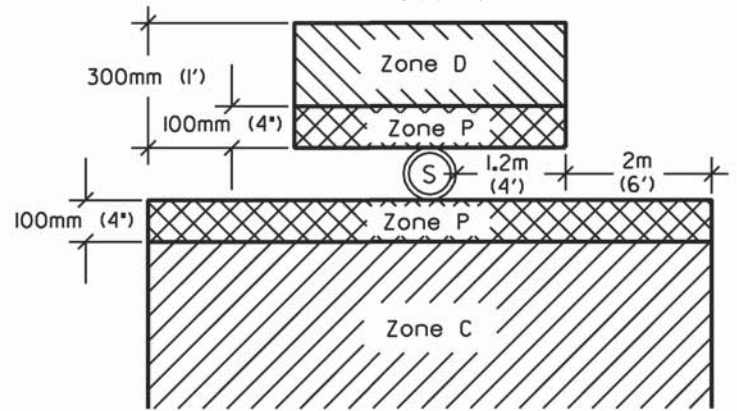
ZONE P is a prohibited zone,
Section 64630(e)(2), Title 22
California Administrative Code,

CASE 2 - NEW WATER MAIN

PARALLEL



CROSSING



ZONE P is a prohibited zone,
Section 64630(e)(2), Title 22
California Administrative Code,

DEFINITIONS

- HEALTH AGENCY - The Department of Health Services State of California. For water systems supplying fewer than 200 service connections. The local health officer shall act for the Department of Health Services.
- LOW HEAD WATER MAIN - Any water main which has a pressure of 5 P.S.I. (34.5 kPa) or less at any time at any point in the main.
- COMPRESSION JOINT - A push-on joint that seals by means of the compression of a rubber ring or gasket between the pipe and a bell or coupling.
- MECHANICAL JOINT - Bolted joints.
- RATED WORKING WATER PRESSURE or PRESSURE CLASS - A pipe classification system based upon internal working pressure of the fluid in the pipe, type of pipe material, and the thickness of the pipe wall.
- FUSED JOINT - The joining of sections of pipe using thermal or chemical bonding processes.
- SLEEVE - A protective tube of steel with a wall thickness of not less than 1/4" (6 mm) into which a pipe is inserted.
- GROUND WATER - Subsurface water found in the saturation zone.
- HOUSE LATERAL - A wastewater line connecting the building drain and the main wastewater line.

Drawing No. 117

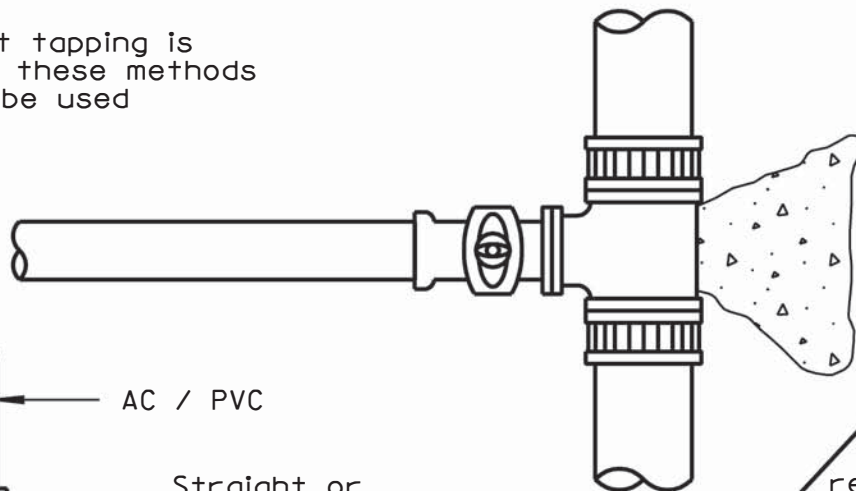
VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT

CRITERIA FOR THE SEPARATION
OF WATER MAINS AND SANITARY SEWERS

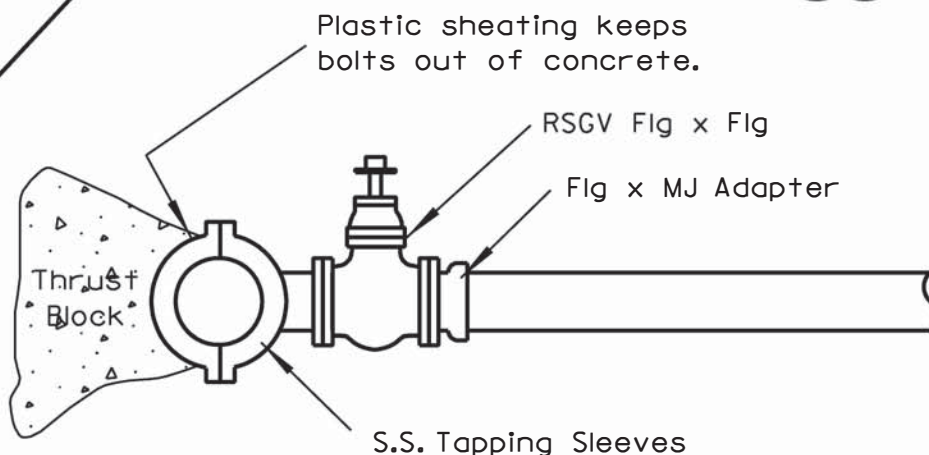
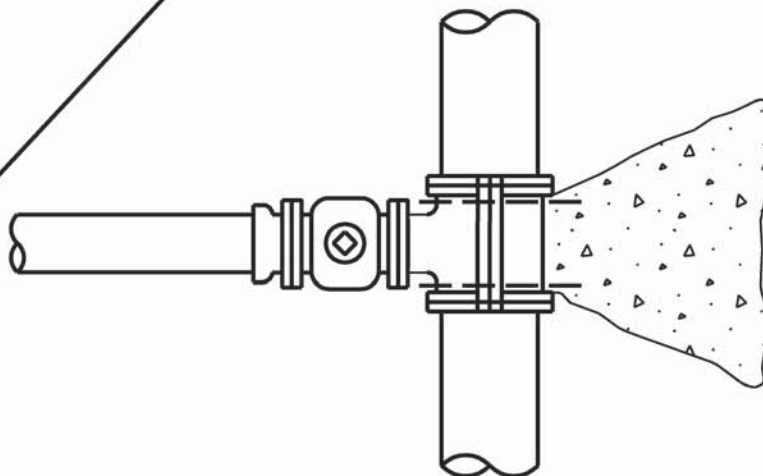
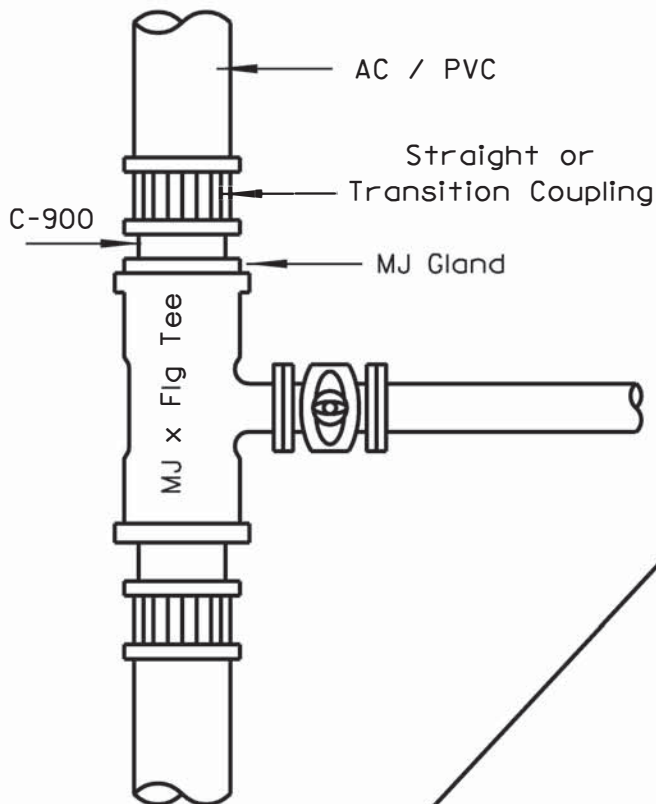
MARK	REVISIONS	APPR.	DATE

NOTE: This drawing is for Fire Hydrant Fire Line,
Backflow and Service Connections

When hot tapping is
not possible these methods
can be used



NOTE: Hot tapping is
required when connecting
a new service branch
from existing main.
ie. Hydrant Run,
Backflow Assembly

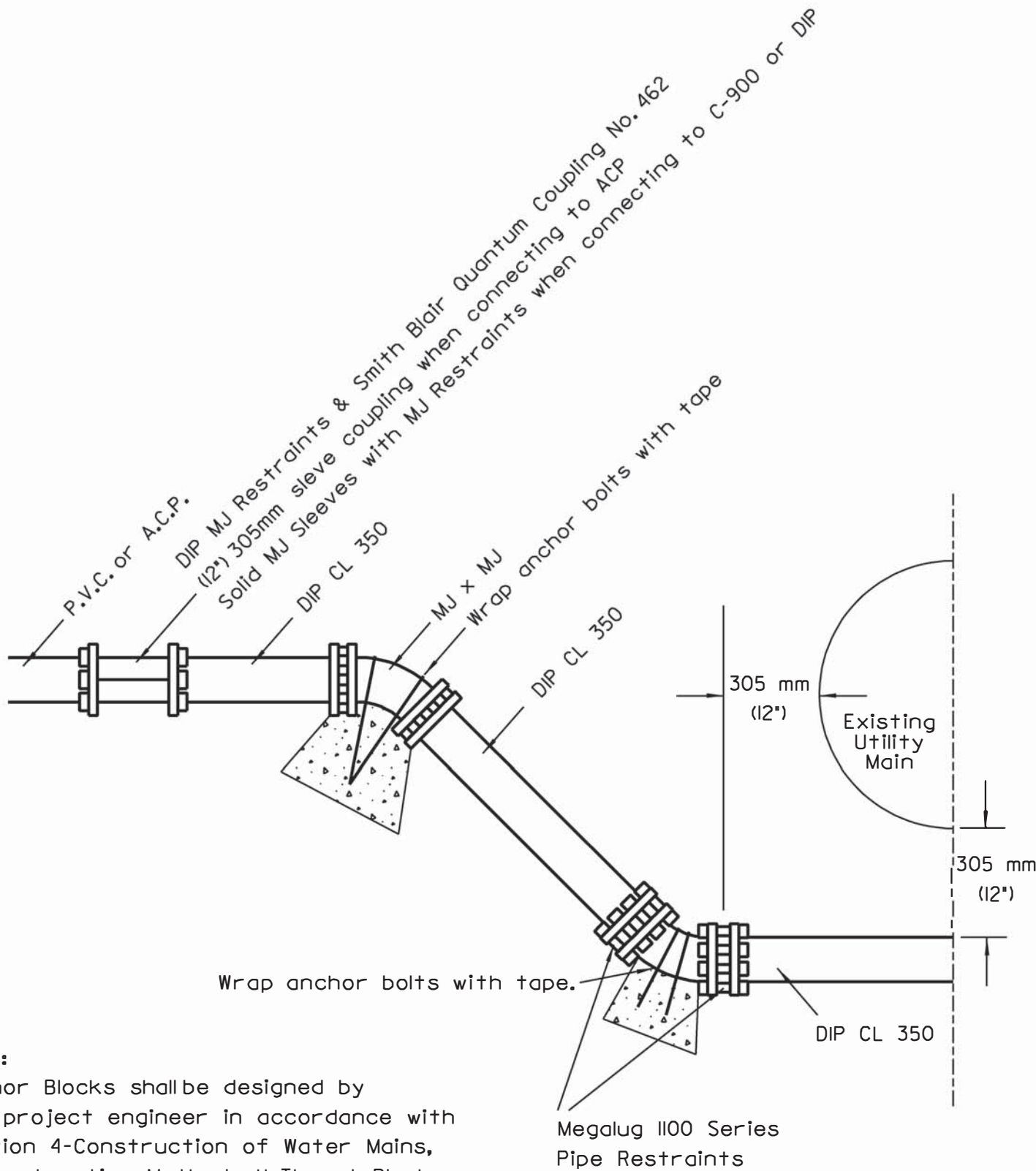


Drawing No. 118

VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT

3", 4" AND 6" CONNECTIONS
ON EXISTING PIPE

MARK	REVISIONS	APPR.



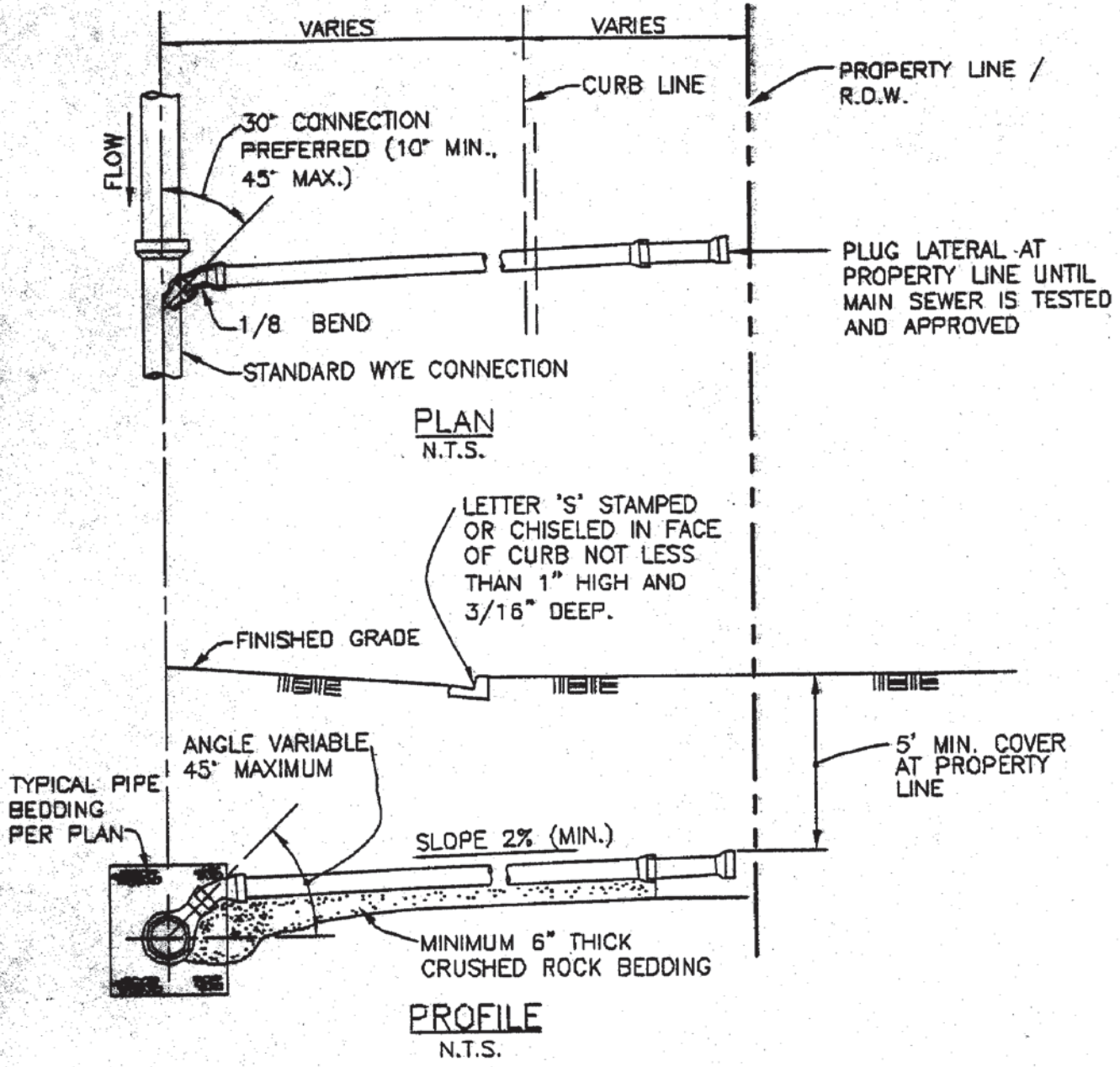
NOTE:
 Anchor Blocks shall be designed by the project engineer in accordance with Section 4-Construction of Water Mains, IV-Construction Methods, H-Thrust Blocks of the City of Lompoc Standard Specifications & Details

Drawing No. 119

VANDENBERG VILLAGE
 COMMUNITY SERVICES DISTRICT

WATERLINE INVERT

MARK	REVISIONS	APPR.	DATE



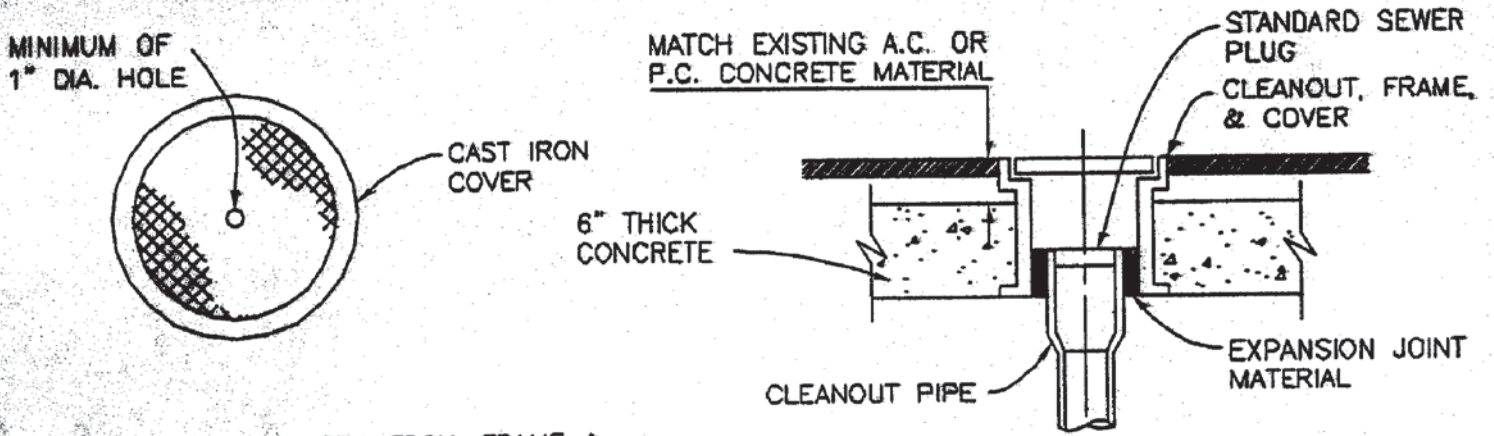
PLAN
N.T.S.

PROFILE
N.T.S.

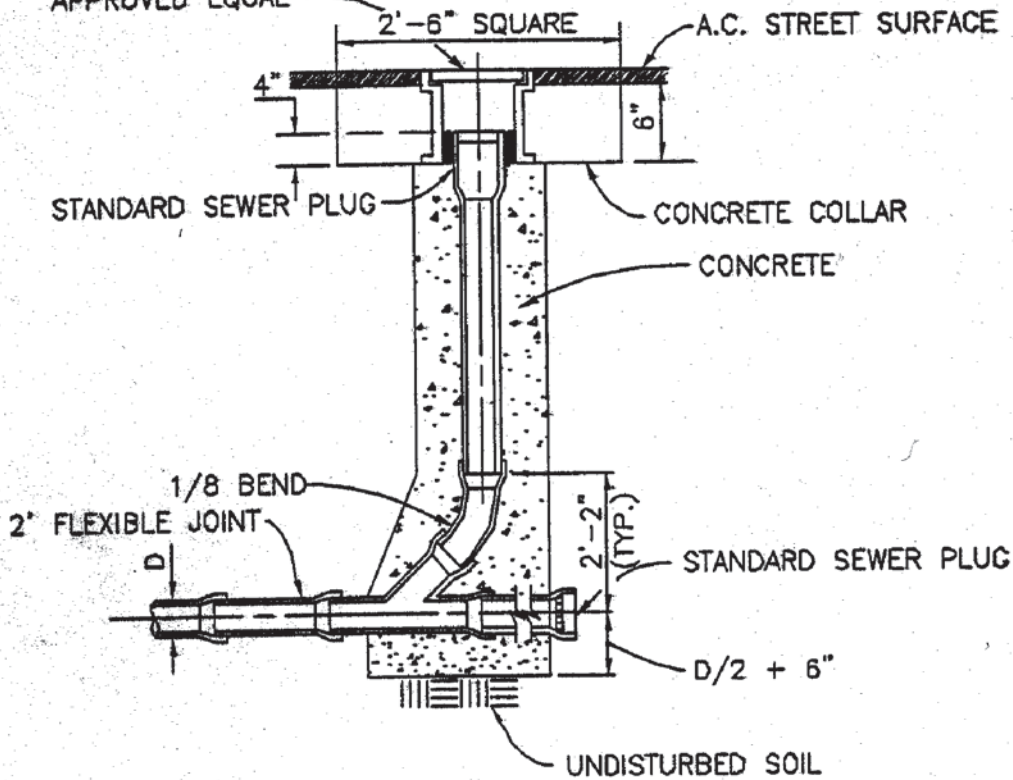
NOTES

1. LATERAL CONNECTION TO THE SEWER MAIN SHALL NOT BE ON TOP OF THE PIPE.
2. SEWER LATERALS SHALL HAVE A MINIMUM SLOPE OF 1" PER FT. (2.00%).
3. ALL JOINTS ON SEWER LATERAL PIPE SHALL BE COMPRESSION TYPE OR AS APPROVED BY THE DISTRICT.
4. LATERAL SHALL EXTEND TO PROPERTY LINE OR AS DESIGNATED ON DRAWINGS.
5. THE LOCATION OF ALL LATERALS SHALL BE ACCURATELY SHOWN ON THE AS-BUILT DRAWINGS.

Drawing No. 200		VANDENBERG VILLAGE COMMUNITY SERVICES DISTRICT	
		STANDARD SEWER LATERAL	
MARK	REVISIONS	APPR.	DATE



ALHAMBRA FDRY. FRAME &
COVER A-1240 OR
APPROVED EQUAL



NOTES:

1. CONSTRUCT MANHOLE INSTEAD OF CLEANOUT WHEN LINE SIZE EXCEEDS 8"
2. CLEANOUT SHALL BE THE SAME MATERIAL AND THE SAME DIAMETER AS THE MAINLINE PIPE.

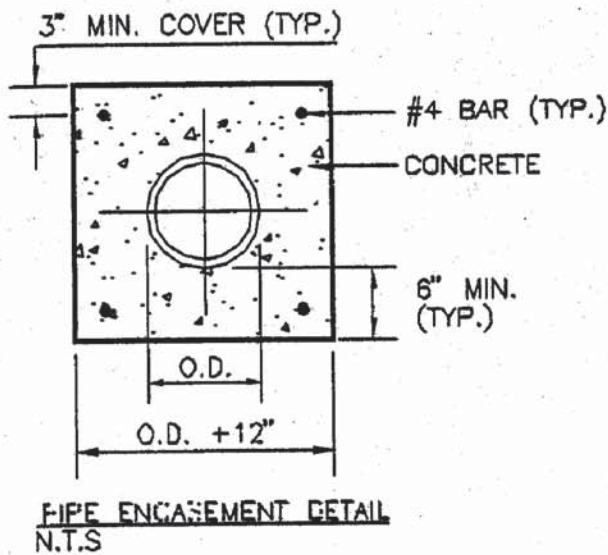
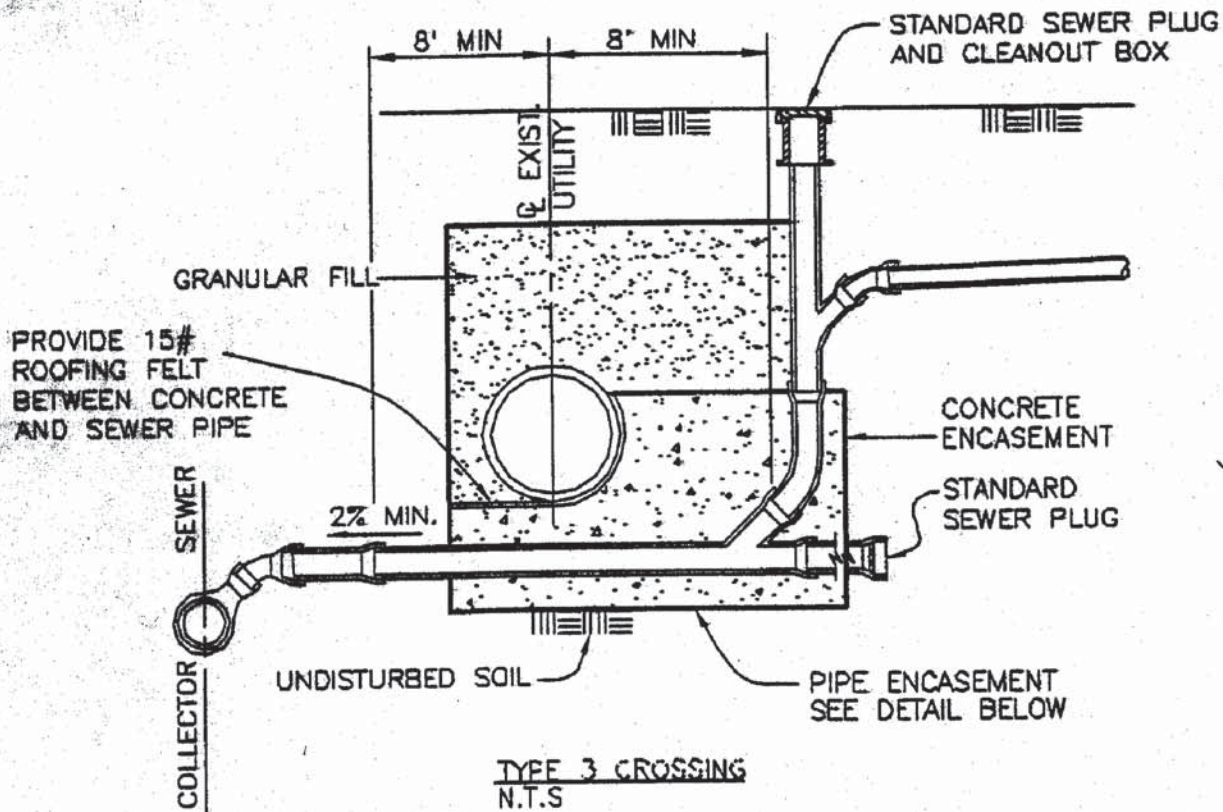
N.T.S.

Drawing No. 201

**VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT**

**CLEANOUT FOR MAINLINE
CONSTRUCTION**

MARK	REVISIONS	APPR.	DATE



Drawing No. 202

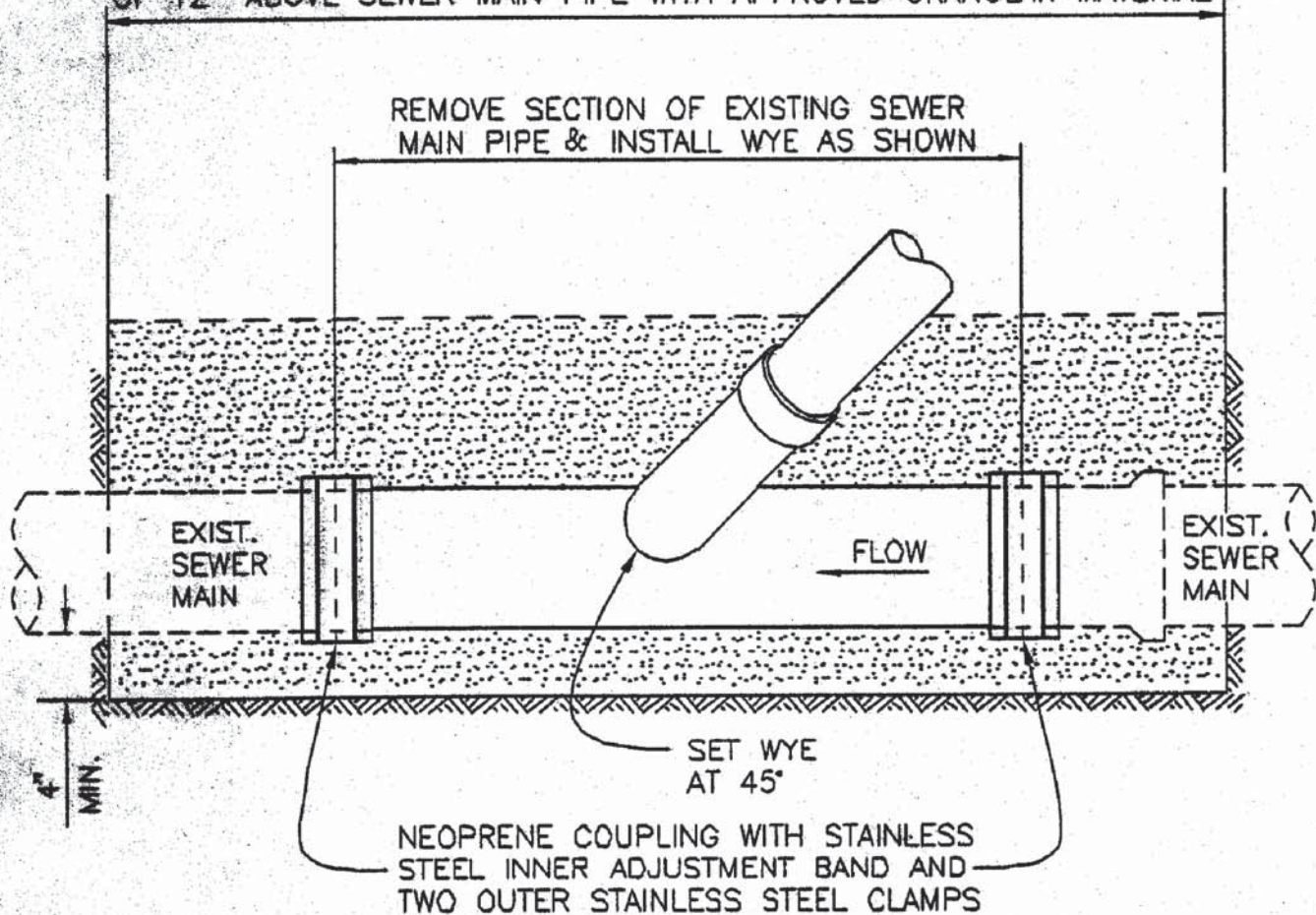
VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT

SEWER LATERAL AND UTILITY
CROSSING

MARK	REVISIONS	APPR.	DATE

SHEET 2 OF 2

OVEREXCAVATE A MIN. OF 12" FROM COUPLING AND BACKFILL TO A MIN. OF 12" ABOVE SEWER MAIN PIPE WITH APPROVED GRANULAR MATERIAL



NOTE:
TAPPING TYPE WYE WILL NOT BE ALLOWED.

N.T.S.

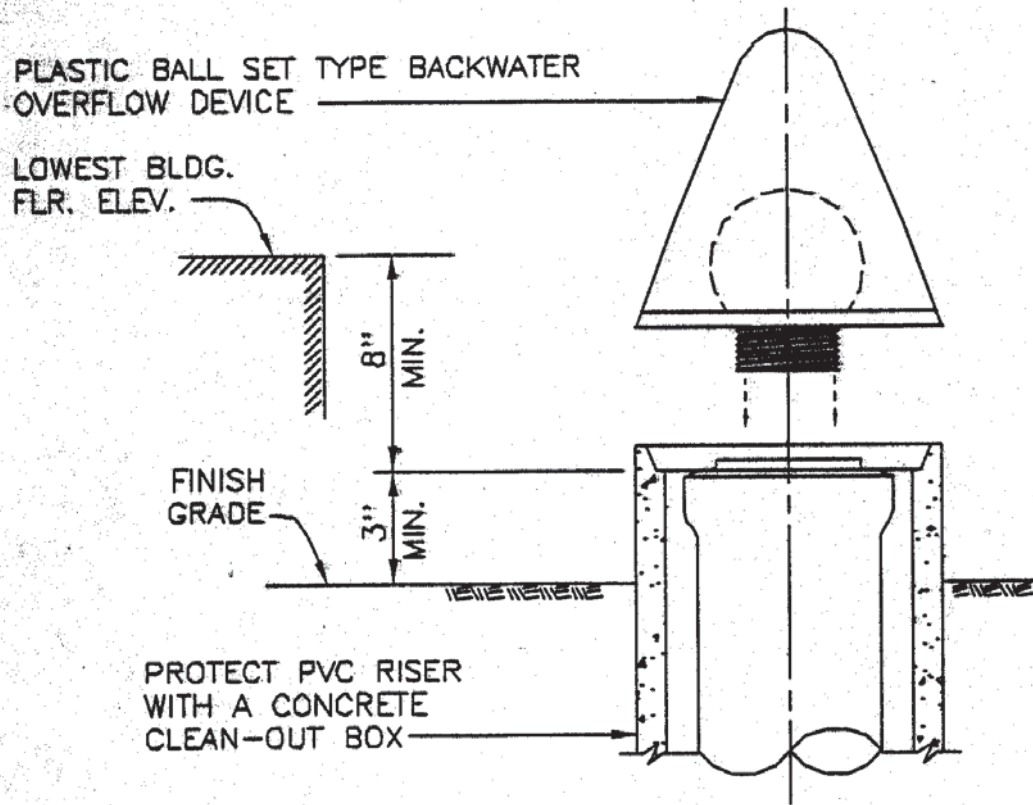
Drawing No. 203

VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT

WYE INSTALLATION IN EXISTING PIPE

MARK	REVISIONS	APPR.	DATE

SHEET 1 OF 1



NOTES:

1. A BACKWATER OVERFLOW DEVICE WILL BE REQUIRED WHENEVER THE LEVEL OF THE LOWEST FLOOR THAT HAS PLUMBING FIXTURES IS LOWER IN ELEVATION THAN THE FIRST UPSTREAM MANHOLE OR CLEANOUT ON THE SEWER MAIN TO WHICH THE LATERAL CONNECTS.
2. THE OVERFLOW DEVICE SHALL BE INSTALLED AT THE JUNCTION OF THE BUILDING DRAIN AND BUILDING SEWER. UNLESS OTHERWISE AUTHORIZED BY DISTRICT MANAGER/DISTRICT ENGINEER.

N.T.S.

Drawing No. 204

**VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT**

BACKFLOW PREVENTION DEVICE

MARK	REVISIONS	APPR.	DATE

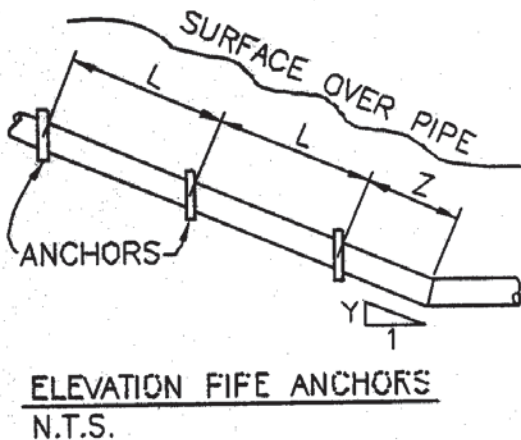
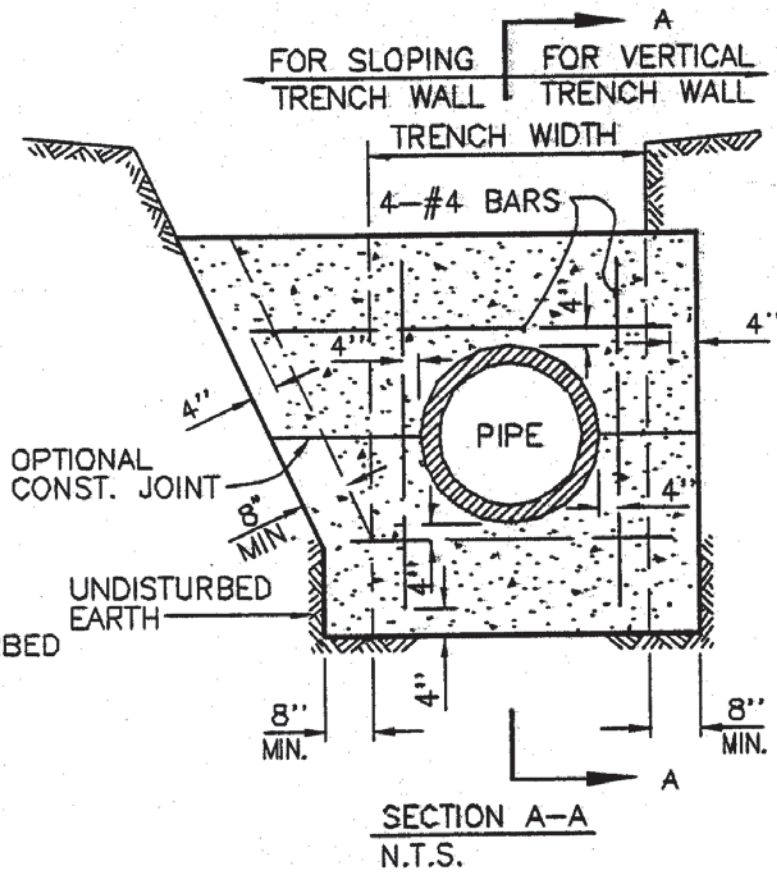
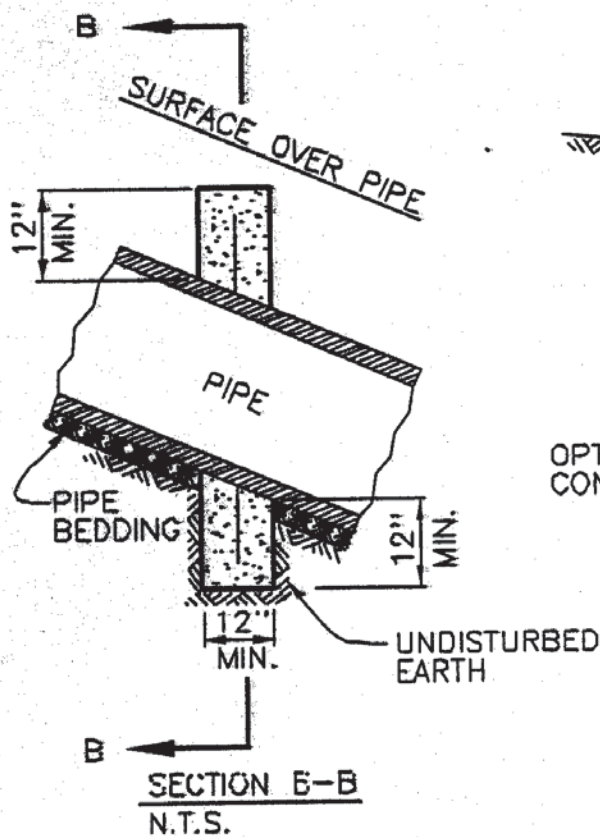


TABLE A

PIPE SLOPE (%) Y:1(100)	L DISTANCE (MAX.)	Z DISTANCE (MAX.)
100	12'	4'
67	14'	8'
50	16'	12'
40	18'	18'
33	20'	20'

NOTES:

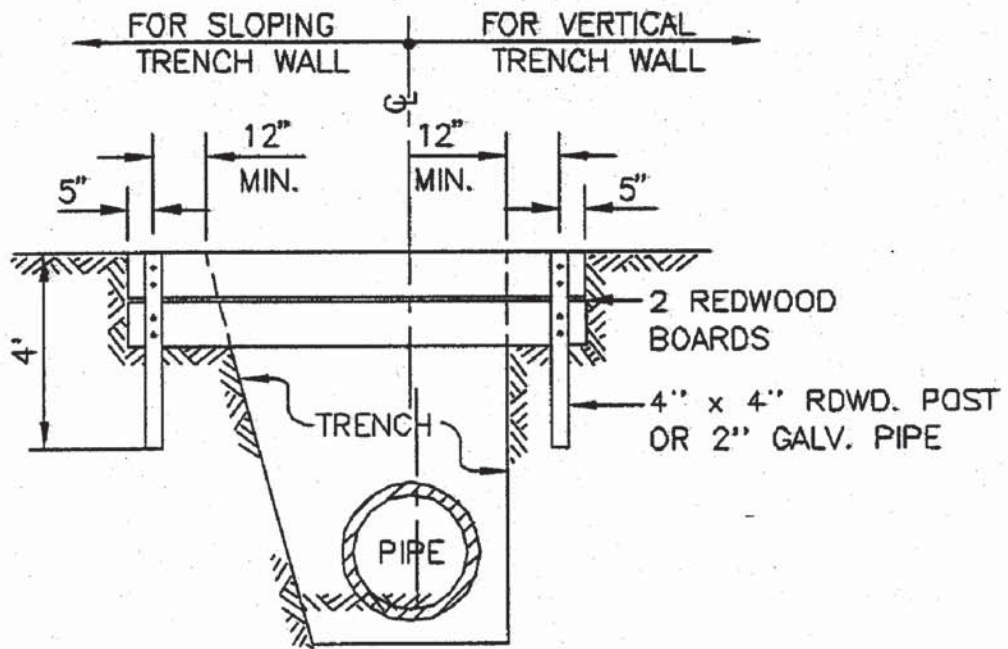
1. ANCHORS SHALL BE CONCRETE.
2. FOR CLAY PIPE, ANCHORS SHALL NOT BE PLACED WITHIN 6" OF THE PIPE JOINT.
3. TRENCH SHALL BE BACKFILLED PER NOTE 4 OF STANDARD DRAWING 24.
4. SPACING OF ANCHORS FOR PIPE SLOPES BETWEEN VALUES SHOWN IN TABLE "A" MAY BE PROPORTIONED.

Drawing No. 205

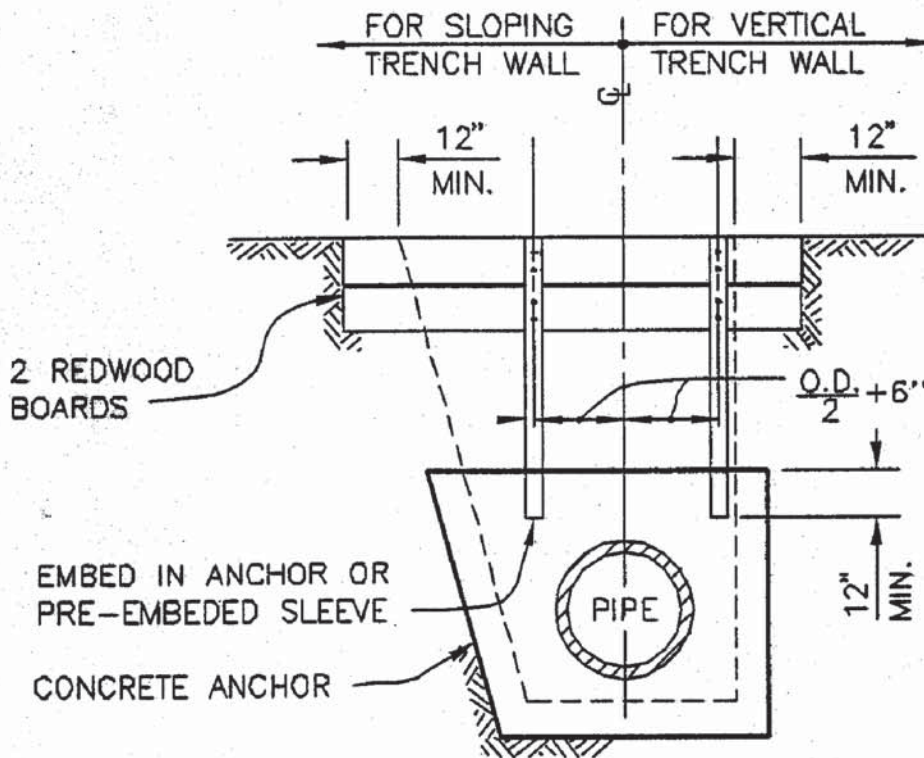
VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT

PIPE ANCHORS FOR SLOPES

MARK REVISIONS APPR. DATE



ALTERNATE 1 - SECTION C-C
N.T.S.



ALTERNATE 2 - SECTION C-C
N.T.S.

Drawing No. 206

VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT

BACKFILL STABILIZERS FOR SLOPES

MARK	REVISIONS	APPR.	DATE

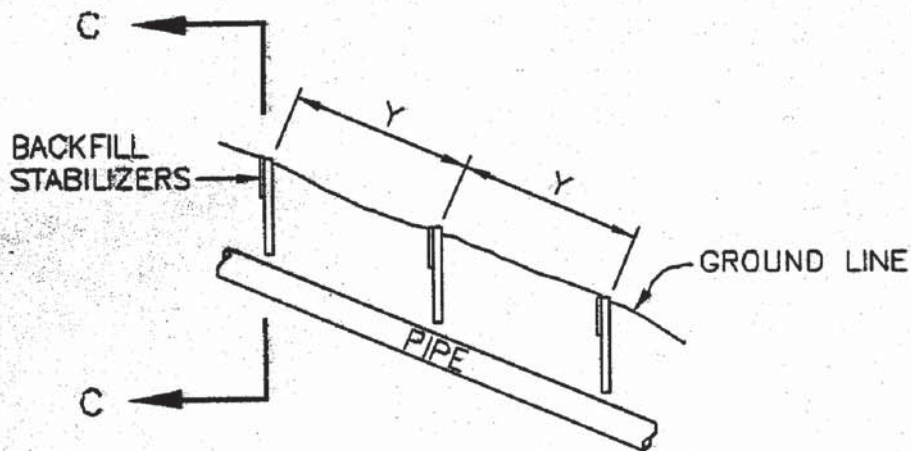


TABLE B

GROUND SLOPE X:1	Y SPACING (MAX.)
1:1	5'
1 1/2:1	9'
2:1	12'
2 1/2:1	16'
3:1	20'

ELEVATION BACKFILL STABILIZERS

NOTES:

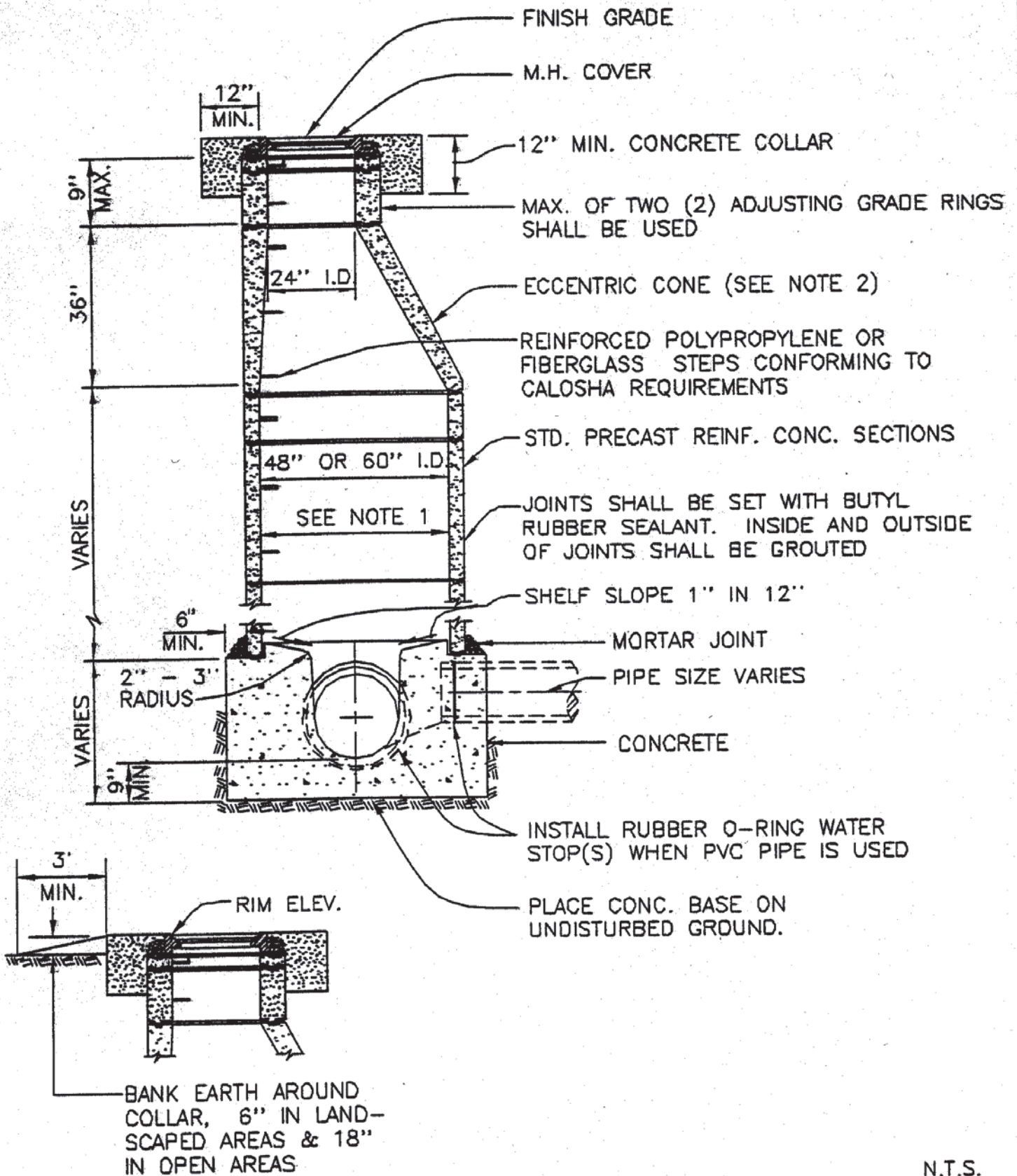
1. REDWOOD BOARDS SHALL BE 2" x 12" WHERE DEPTH OF COVER OVER PIPE PERMITS. OTHERWISE USE 2" x 10".
2. REDWOOD BOARDS SHALL BE PLACED ON THE HIGH GROUND SIDE OF THE POSTS.
3. EACH REDWOOD BOARD SHALL BE FASTENED BY USING 2-16d NAILS TO EACH REDWOOD POST OR A 3/8 INCH BOLT AND NUT WITH WASHERS TO EACH GALVANIZED PIPE. ALL HARDWARE SHALL BE GALVANIZED.
4. TRENCH BACKFILL SHALL BE CONSOLIDATED BY MECHANICAL COMPACTION. IN LIEU OF MECHANICAL COMPACTION, SOIL CEMENT MAY BE USED. HOWEVER, THE TOP 12" OF BACKFILL SHALL BE NATIVE SOIL, MECHANICALLY COMPACTED.
5. SPACING OF STABILIZERS FOR GROUND SLOPES BETWEEN VALUES SHOWN IN TABLE "B" MAY BE PROPORTIONED.
6. THE CONTRACTOR MAY, AT HIS OPTION, SUBSTITUTE DOUGLAS FIR FOR THE REDWOOD PROVIDED IT HAS BEEN TREATED WITH PRESERVATIVES.

Drawing No. 206

VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT

BACKFILL STABILIZERS FOR SLOPES

MARK	REVISIONS	APPR.	DATE



N.T.S.

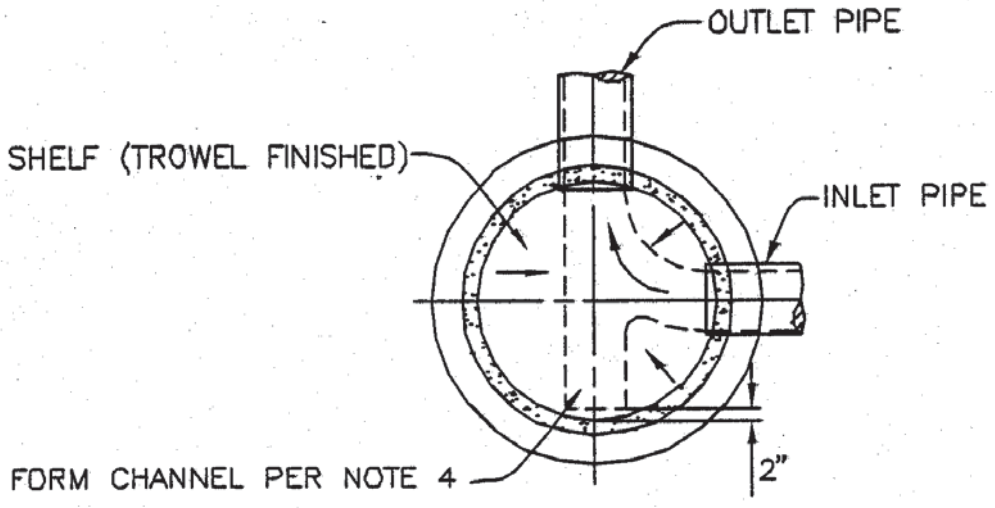
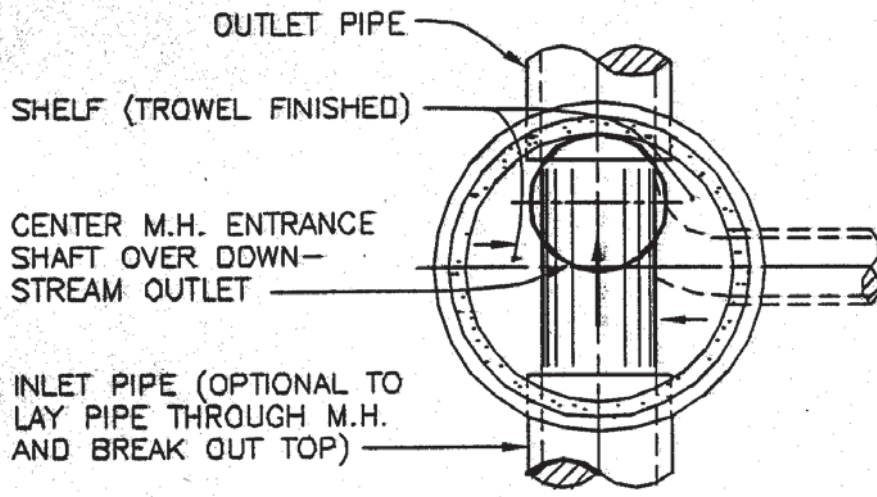
Drawing No. 207

VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT

48" AND 60" MANHOLE

SHEET 1 OF 2

MARK	REVISIONS	APPR.	DATE



NOTES

1. COMPLETELY SEAL THE INSIDE OF THE MANHOLE WITH DISTRICT APPROVED PROTECTIVE COATING WITH HIGH BONDING STRENGTH AND RESISTANCE TO WATER AND SEWER GASES. THE COATING APPLICATION SHALL BE PER THE MANUFACTURES REQUIREMENTS.
2. CONCENTRIC CONES SHALL BE USED WHEN MANHOLES ARE LESS THAN 4' IN TOTAL DEPTH.
3. PRE-CAST CONCRETE M.H. BASES MAY BE PERMITTED WITH APPROVAL FROM THE DISTRICT GENERAL MANAGER/DISTRICT ENGINEER.
4. CHANNELS, IN THE BASE OF A MANHOLE LOCATED ON A 90° TURN IN A SEWER LINE, SHALL BE FORMED AS SHOWN ABOVE TO ALLOW BETTER ACCESS FOR TV INSPECTION UNITS AND OTHER TYPES OF MAINTENANCE EQUIPMENT.

N.T.S.

Drawing No. 207				VANDENBERG VILLAGE COMMUNITY SERVICES DISTRICT			
				48" AND 60" MANHOLE			
MARK	REVISIONS	APPR.	DATE				
				SHEET 2 OF 2			

FINISH GRADE

6" MIN.

RIM ELEV.

FRAME AND COVER
BROOKS PRODUCTS
INC. 3-RT SERIES, OR
EQUAL, TRAFFIC BOX
WITH LD MARKED
"SEWER"

3' MAX.

STD. CROSS

6" MIN.

8" MIN.

INSTALL
RUBBER
O-RING
WATER
STOP(S)
WHEN PVC
IS USED

6" MIN.

90° BEND

6" MIN.

SHELF

6" MIN.

6" MIN.

PLAN

NOTES:

1. SEE STANDARD DRAWING NO. 307 FOR OTHER REQUIRED MANHOLE DETAILS.
2. DROP MANHOLES SHALL NOT BE USED UNLESS SPECIAL APPROVAL IS GIVEN BY THE DISTRICT MANAGER/DISTRICT ENGINEER.

N.T.S.

Drawing No. 208

**VANDENBERG VILLAGE
COMMUNITY SERVICES DISTRICT**

DROP MANHOLE

MARK	REVISIONS	APPR.	DATE