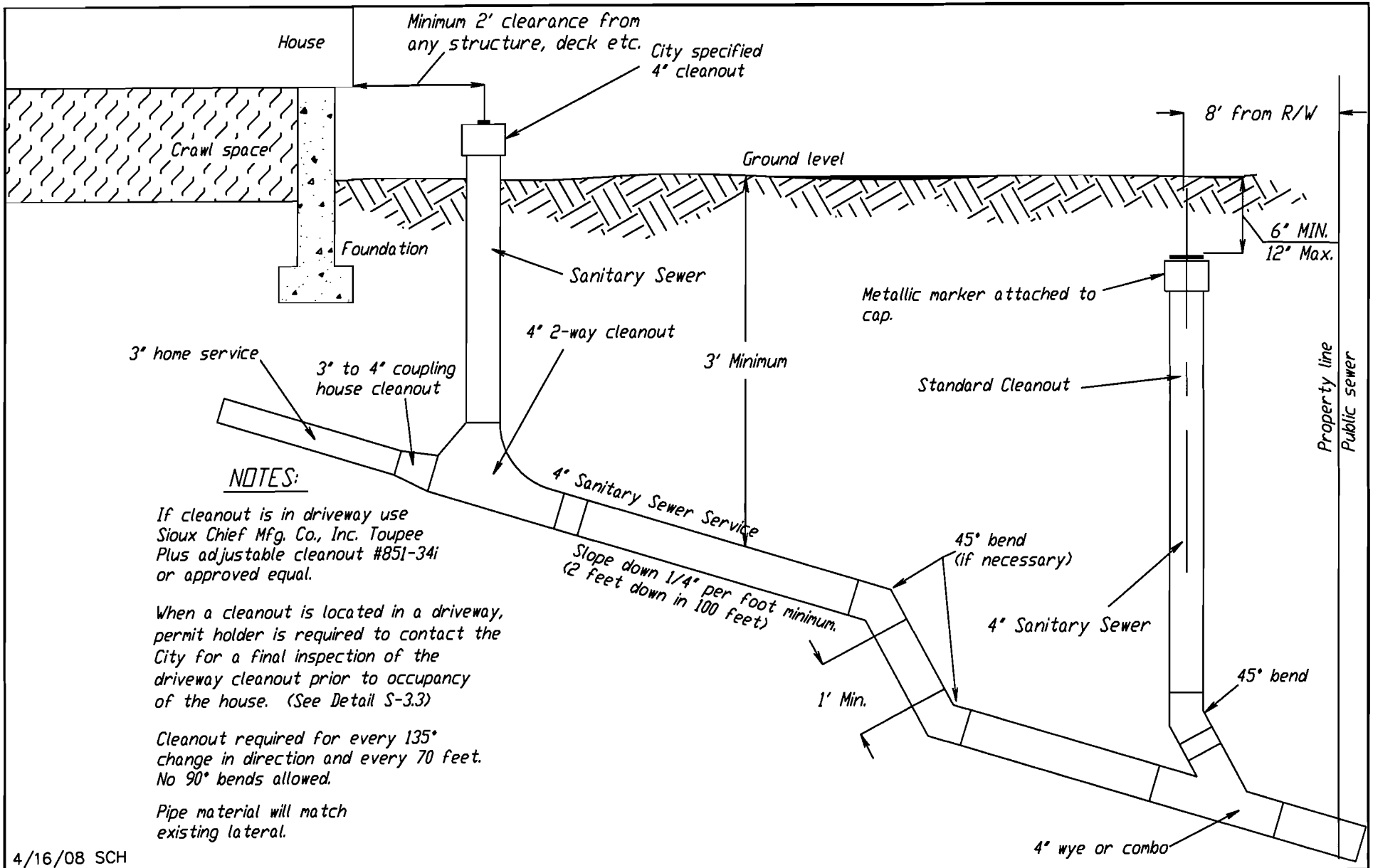
STANDARD DETAIL LIST
(Continued)

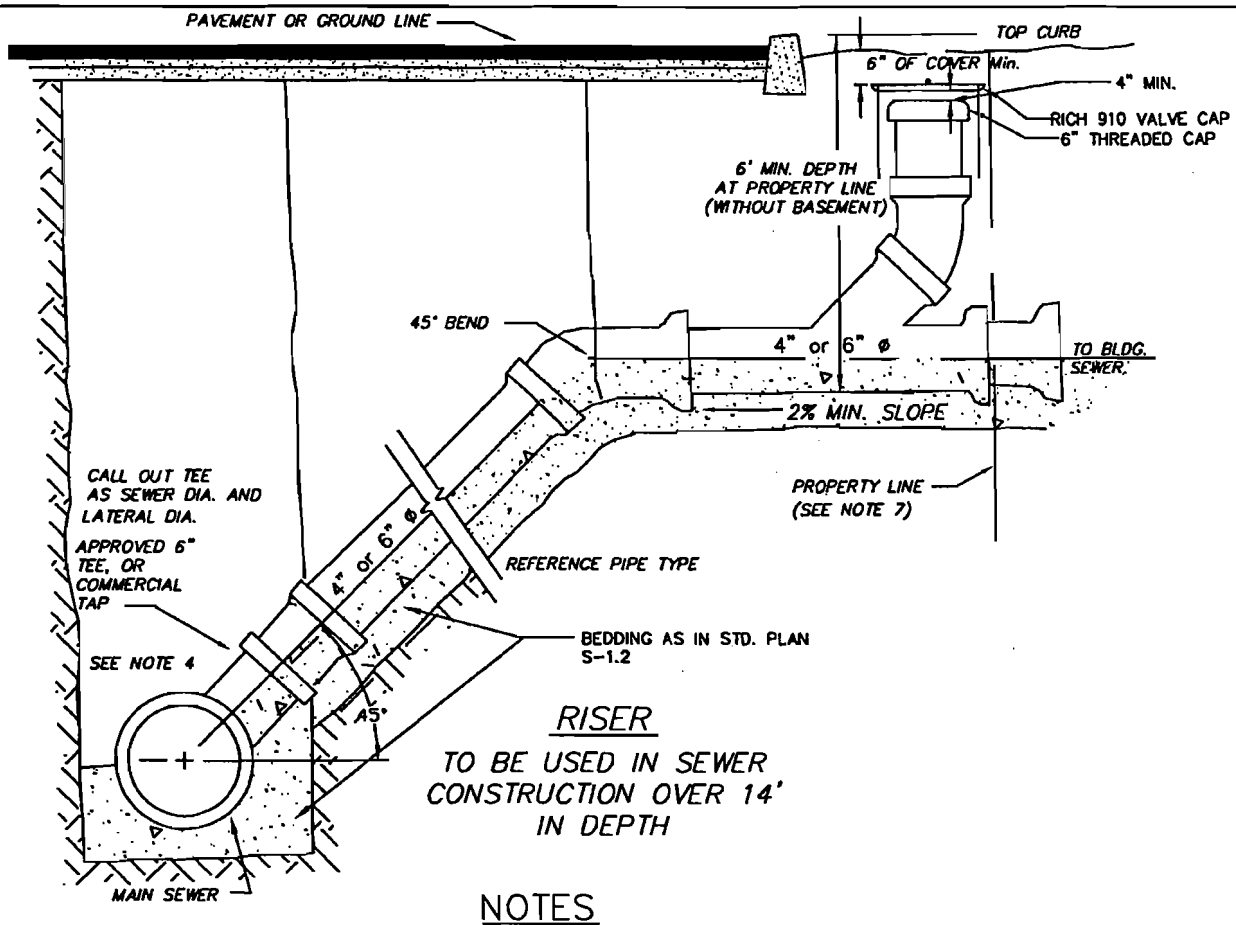
Sewer Details

Dwg.	Title
S-1.2	Blank
S-1.3	Typical House Side Sewer
S-1.4	Service Lateral Connections
S-1.5	Anchor Walls
S-1.6	Concrete Encased Sewer Pipe
S-2.1	Standard Precast Manhole
S-2.2	Standard Manhole Frames and Covers
S-2.3	Standard Manhole Steps
S-2.4	Standard Manhole Connection
S-2.5	Top Slab for Standard Precast Manhole
S-2.6	Outside Drop Connection
S-2.7	Inside Drop Connection
S-2.9	Standard Manhole Joint
S-3.0	Manhole – Concrete Closure Collar
S-3.1	Standard Sewer Cleanout
S-3.2	Pressure Main Connection
S-3.3	Residential Sewer Cleanouts in Driveways
S-3.6	Air Vacuum/Release Vault-With Odor Control
S-3.7	Location Station Detail
S-3.8	Valve Stand Detail
S-3.9	Toning Wire and Locator Tape Detail
S-3.10	Typical Grinder Pump Pressure Sewer Site Plan
S-3.11	Typical House Grinder Pump Valve Box
S-3.12	Pressure House Grinder Pump Service Connection
S-3.13	Pressure House Grinder Pump Service Connection to Existing Gravity Lateral
S-4.1	Standard Sampling Manhole
S-4.2	Standard Grease Interceptor
S-4.3	Standard Oil/Water Separator



TYPICAL HOUSE SIDE SEWER

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-1.3



RISER

TO BE USED IN SEWER CONSTRUCTION OVER 14' IN DEPTH

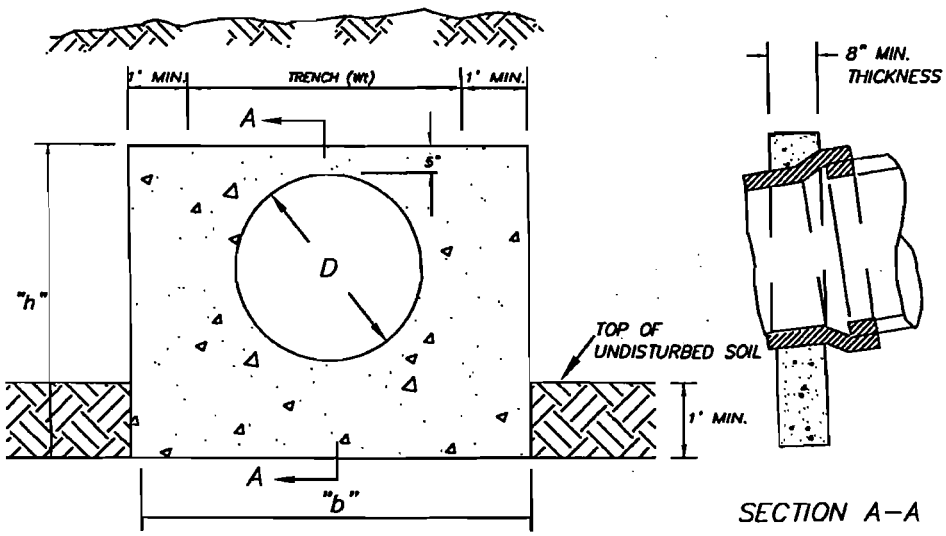
NOTES

1. Service laterals shall be installed per Section 7.08.3 of the Standard Specifications.
2. Service laterals shall be plugged per Section 7-08.3(2)f of the Standard Specifications. Service laterals shall be clearly marked per Section 7-18.3(5) of the Standard Specifications.
3. All service laterals shall be a minimum of 6-inches in diameter, except for single family lots which may be 4-inch.
4. In new subdivisions all single-family side sewers (laterals) shall be 4" PVC Wye.
5. Approved commercial taps:
   - SEALTIGHT® TYPE "C" OR "D" SEWER SADDLE.
   - FOWLER QUIK-WAY® SEWER TAP.
   - FOWLER "T & L"® SEWER TEE.
   - "TAP-TITE"® SEWER TEE.
6. Service laterals connecting to ductile iron pipe shall also be ductile iron.
7. Transitions between dissimilar pipe materials or sizes shall be made with approved adaptors (Fernco, Caulder or equal).
8. In new subdivisions and other construction involving new roads, install laterals to 8 feet behind property line for sewers in street Right-of-Way and mark with a vertical 2x4 painted green. Refer to Standard Sanitary note 10 (G-4.1)

rev. 3/05/08 SCH

SERVICE LATERAL CONNECTIONS

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-1.4



NOTES:

1. ALL CONCRETE TO BE 3000 P.S.I., 2" TO 4" SLUMP.
2. WALLS WILL BE PLACED WHERE GRADE IS 20% OR OVER.
3. ANCHOR WALLS TO BE EQUALLY SPACED WITH MAXIMUM DISTANCE BETWEEN WALLS TO BE AS SHOWN IN TABLE "A".
4. PLACE WALL IMMEDIATELY BELOW BELL OF PIPE WHERE POSSIBLE.
5. CONCRETE SHALL BE POURED AGAINST FORMS OR STABLE UNDISTURBED SOIL.

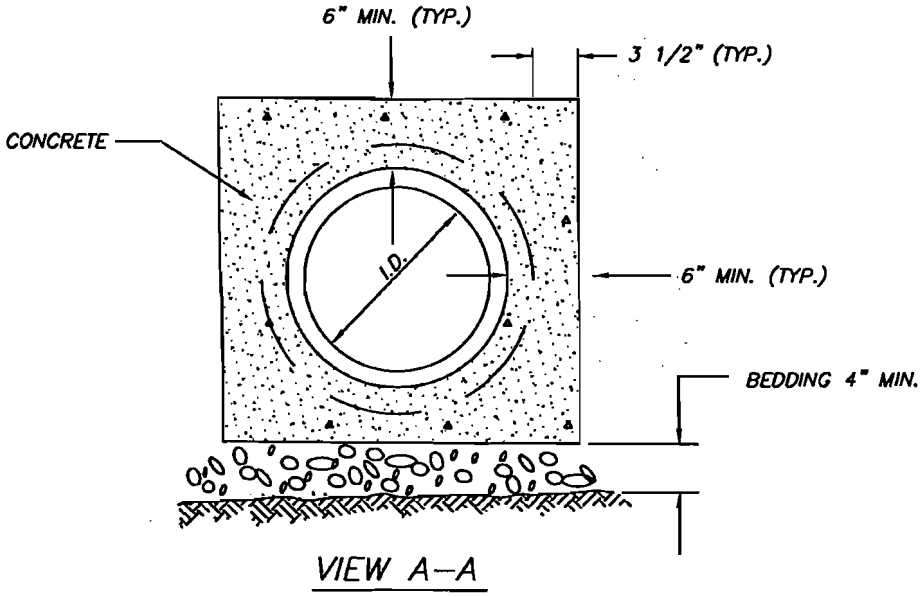
TABLE "A"		
SLOPE %		MAXIMUM ALLOWABLE SPACING (FT.) (MEASURED ON SLOPE)
OVER	TO	
20	35	36'
35	50	24'
50	100	16'

TABLE "B"				
PIPE SIZE (D)	TRENCH WIDTH MAX. (Wt)	h	b	VOLUME OF CONCRETE (APPROX.)
6", 8", 10"	2.5'	3.0'	4.0'	0.29 C.Y.
12", 15"	2.5'	4.0'	4.0'	0.37 C.Y.
18", 21", 24"	3.5'	4.0'	5.0'	0.42 C.Y.
30", 36"	4.5'	5.0'	6.0'	0.62 C.Y.

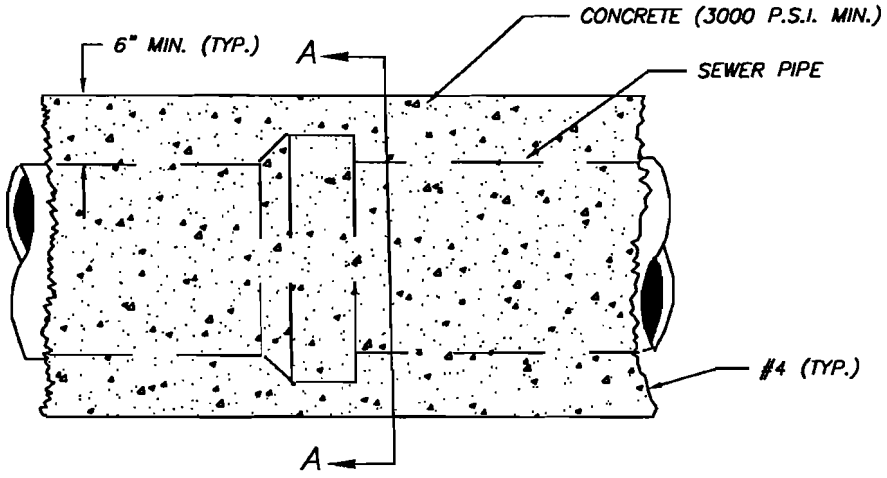
REV. 2/11/08 SCH

ANCHOR WALLS

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S – 1.5



VIEW A–A



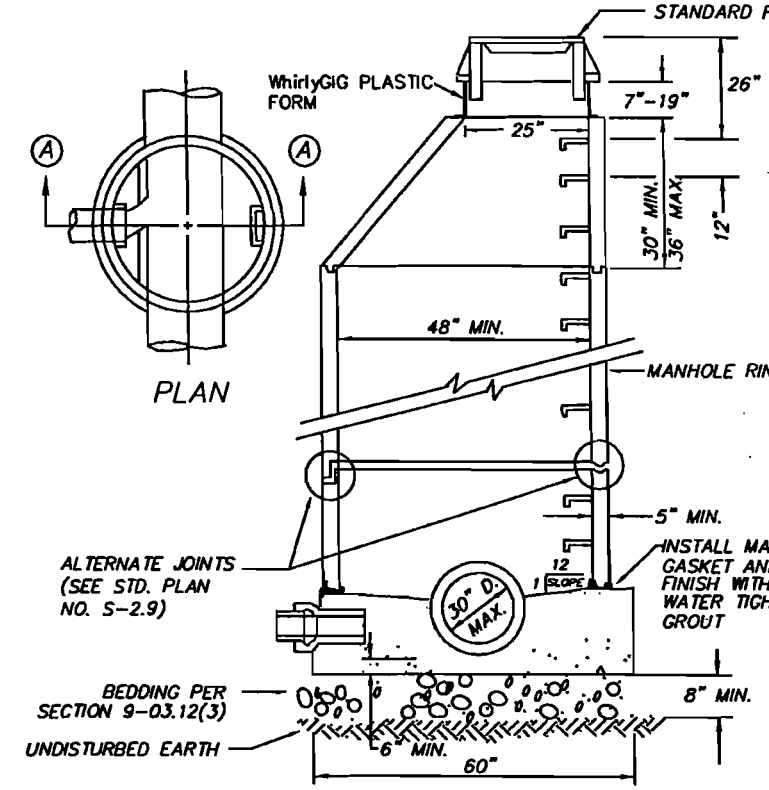
PLAN

PIPE SECTIONS SHALL BE ENCASED IN CONCRETE WHEN:
1) SEPARATION BETWEEN WATER AND SEWER LINE AT CROSSING IS LESS THAN 18". ENCASEMENT SHALL EXTEND A MINIMUM OF 3' BEYOND WATERLINE TRENCH. CONCRETE COMPRESSIVE STRENGTH SHALL BE 300 PSI.
2) PIPE WILL BE LAID IN AN AREA WITH POTENTIAL FOR SETTLING SUCH AS IN A ROADWAY OR BELOW A STREAM. CONCRETE COMPRESSIVE STRENGTH SHALL BE 3000 PSI MINIMUM. REBAR SHALL BE REQUIRED PER THE DESIGN ENGINEER.
3) AS DIRECTED BY THE CITY ENGINEER.

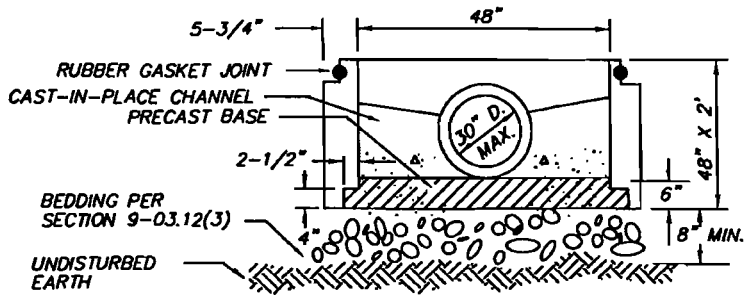
CONCRETE ENCASED SEWER PIPE

REV. 4/07

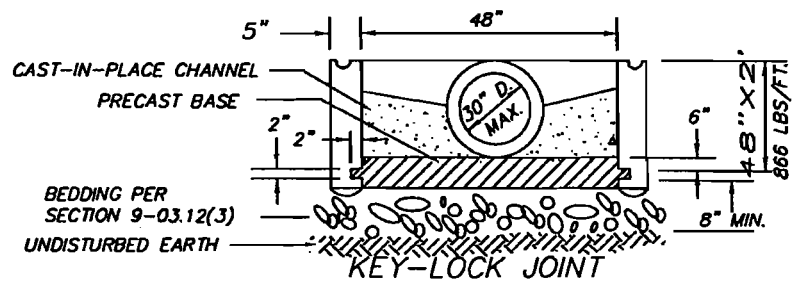
STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S – 1.6



SECTION A-A CAST IN PLACE BASE



RUBBER GASKET JOINT



KEY-LOCK JOINT

PRECAST MANHOLE BASE (ALTERNATE)

NOTES:

1. All precast manhole rings and cones shall conform to ASTM C-478 with cast in steps. (See Standard Plan No. S-2.3)
2. All manhole installations shall be cored and booted. See Standard Plan S-2.4 for manhole connection details.
3. In over excavated areas, provide support for the pipe as follows: place 3/4" minus crushed rock over undisturbed ground in 6" layers and compact using hand tamper.
4. Bose concrete shall be 3,000 p.s.i., 2-4 in. slump. Flow lines and inside surfaces shall be trowled smooth & uniform at time of pour. Manhole base may be monolithically cast to 8" above borrel of main sewer. Channels shall conform accurately to sewer grade. Install benches to elevation of springline of pipe.
5. Cast-in-place, monolithic manhole may be substituted with specific approval of the Engineer.
6. Joints shall be constructed so as to be watertight. See Standard Plan No. S-2.9. Seal all manhole joints with Infi-Shield "Seal Wrap" Exterior Seal System or equal.
7. Manholes under 6'-0" in depth from rim to shelf shall hove a top slab in lieu of cone (See Standard Plan No. S-2.5).
8. Vocuum testing of monholes will be required.
9. Locking covers are required in easements, or at the discretion of the City Inspector.
10. WhirlyGIG® Manhole Riser/Collor System shall be used in place of riser rings unless otherwise approved.
11. All manholes shall be provided with Rain Shields to prevent infiltration of stormwater.

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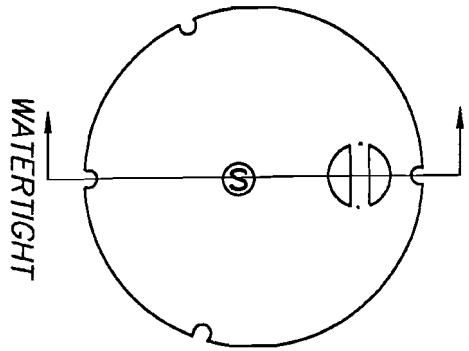
STANDARD PRECAST MANHOLE

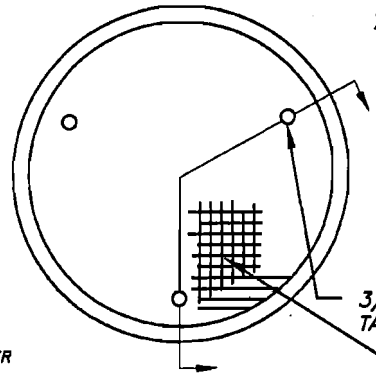
STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-2.1

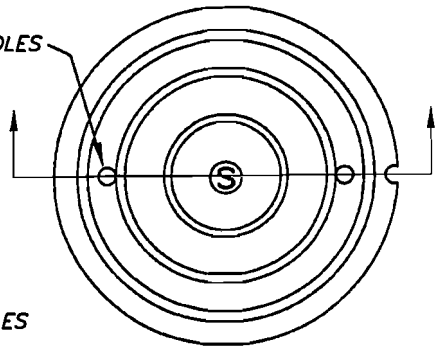
STANDARD DETAILS

CITY OF RIDGEFIELD

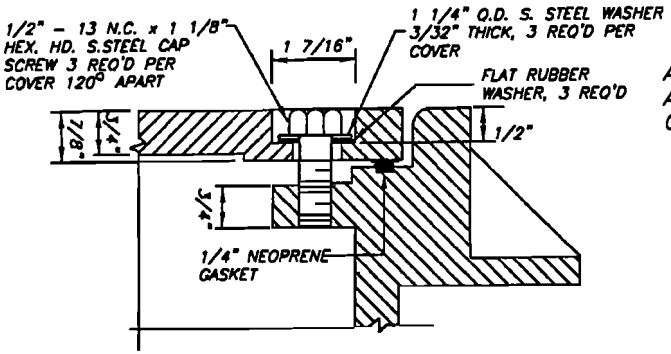
STANDARD MANHOLE FRAMES AND COVERS



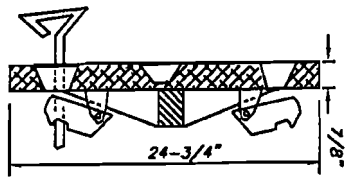


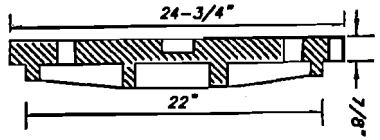


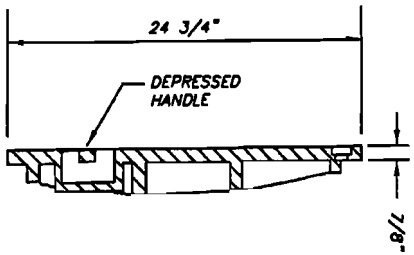
2 HOLE COVER, SANITARY SEWER
(16 HOLE STORM SEWER ONLY)
MANUFACTURED BY: OLYMPIC FOUNDRY, SEATTLE OR INLAND FOUNDRY, SPOKANE

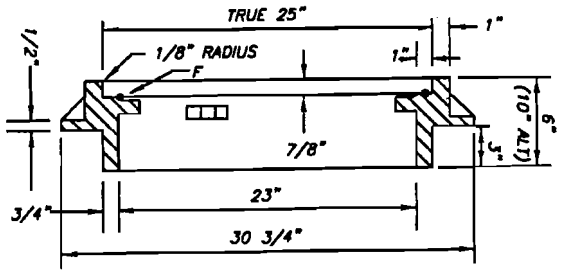


ALL GROOVES 1/8" WIDE X 1/8" DEEP AND 3/4" O.C. INSIDE 21-3/4" Ø 1/8" GROOVE

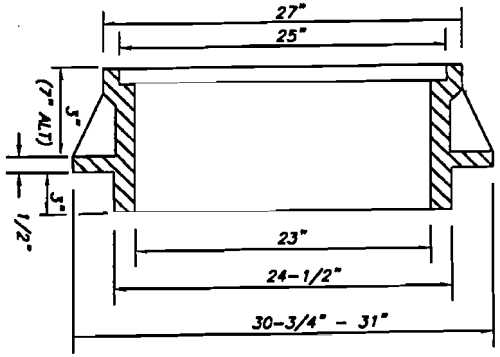








WATERTIGHT FRAME



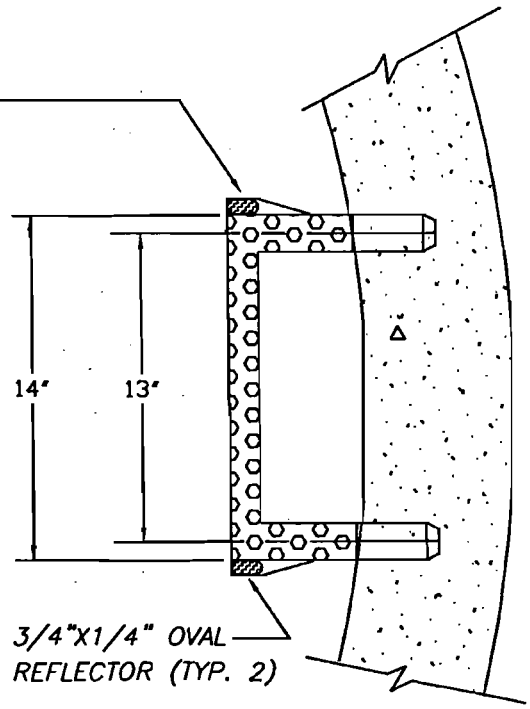
STANDARD & LOCKING FRAME

NOTES:

1. COVER & FRAME TO BE MACHINED TO A TRUE BEARING ALL AROUND.
2. MATERIAL SHALL BE OF GREY CAST IRON, A.S.T.M. A-48, CLASS 30.

SHEET S-2.2

LANE INTERNATIONAL CORPORATION POLYPROPYLENE MANHOLE SAFETY STEP P-14850 WITH REFLECTORS.



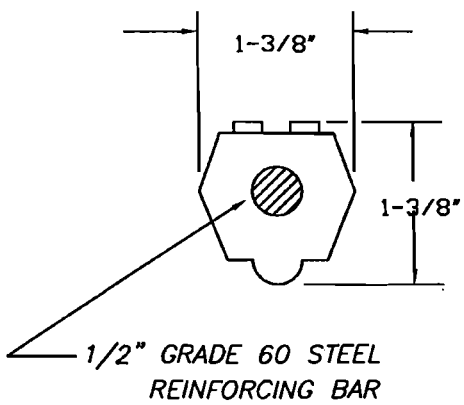
PLAN

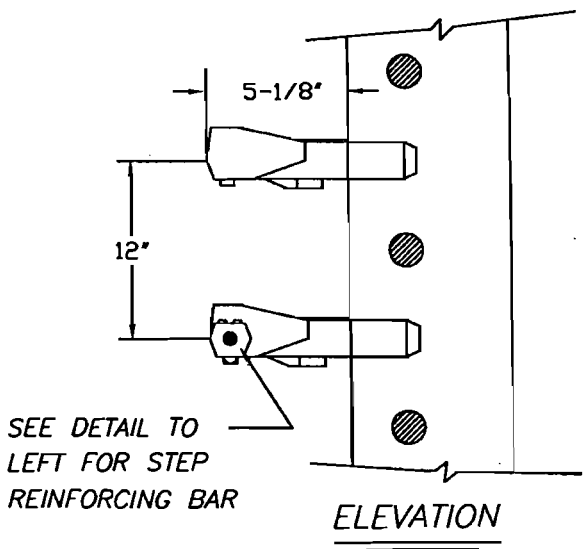
NOTES:

All steps must meet ASTM C-478 and AASHTO M-199 Specifications, polypropylene ASTM D-4104, the 1/2" Grade 60 deformed reinforcing bar ASTM-A--615.

Installation method must resist 1,500 lb. horizontal pull out force and 500 lb. vertical load.

Locate steps over bench whenever possible (not over the main).

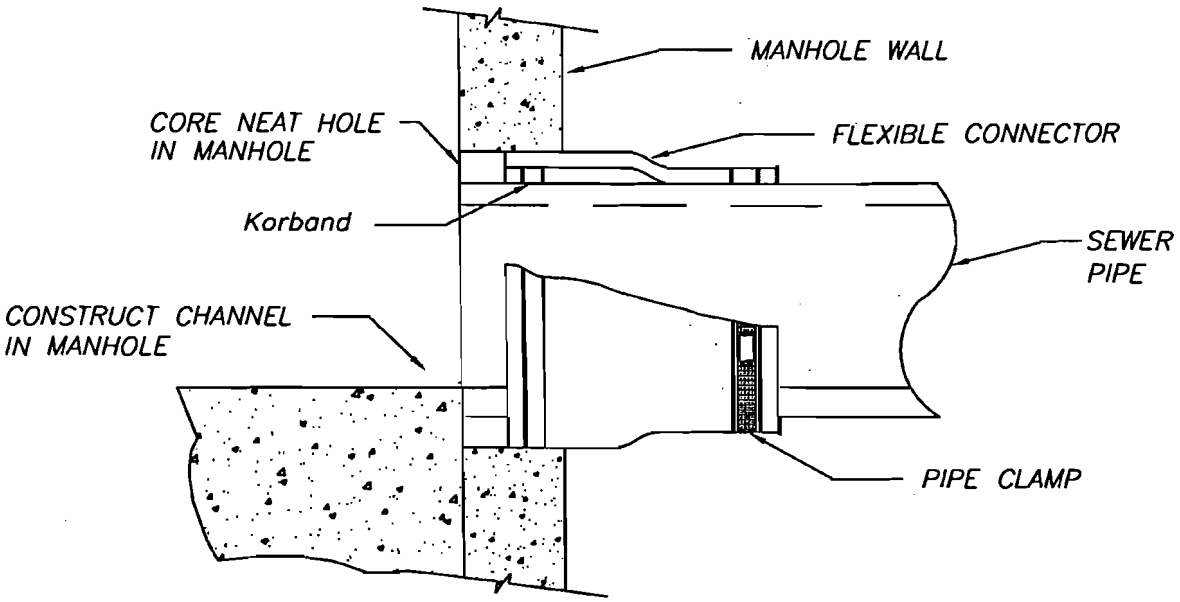




ELEVATION

STANDARD MANHOLE STEPS

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-2.3



NOTES:

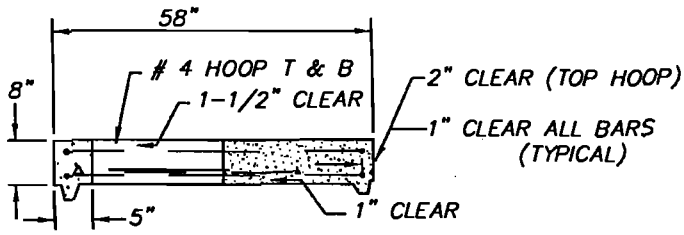
1. CONNECTIONS TO MANHOLE SHALL BE MADE WITH AN APPROVED EXPANSION TYPE RUBBER BOOT; KOR-N-SEAL® OR SEALTITE®, (NO FLEX JOINT REQUIRED), FOR ALL PIPES UP TO 18". LARGER PIPES WILL BE HANDLED ON A CASE-BY-CASE BASIS.

2. CORE NEAT HOLE IN MANHOLE AND INSTALL BOOT AS REQUIRED PER MANUFACTURER'S SPECIFICATIONS.

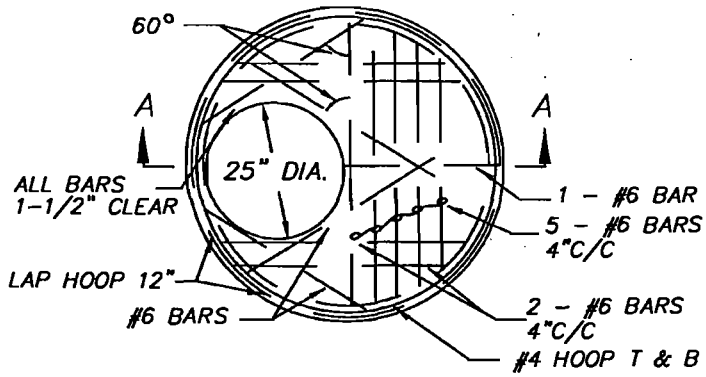
3. STUB-OUTS INSTALLED FOR FUTURE EXTENSIONS ARE TO BE PLUGGED AT BOTH ENDS.

STANDARD MANHOLE CONNECTION DETAIL

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-2.4



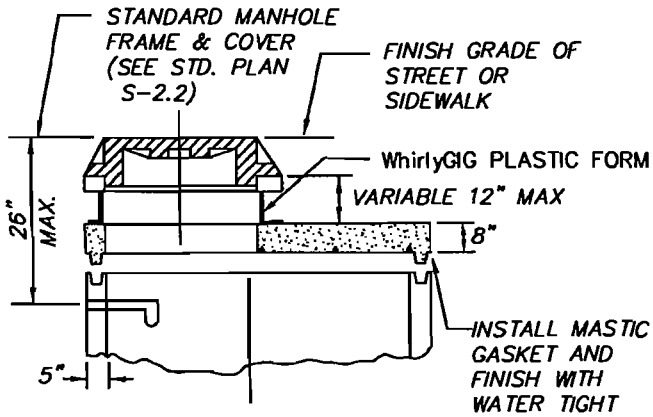
SECTION A-A



UNIT "MH"

NOTES:

1. CONSTRUCTION SHALL CONFORM TO STD. PLAN NO. S-2.1 IF NOT OTHERWISE SHOWN.
2. ALL PRECAST SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-478. ALL POURED IN PLACE CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3000 P.S.I. & 2" TO 4" SLUMP.
3. ALL REINFORCING SHALL BE GRADE 40 STEEL.
4. MANHOLES UNDER 6'-0" IN DEPTH FROM RIM TO SHELF SHALL HAVE UNIT "MH" TOP SLAB IN LIEU OF CONE AS SHOWN ON STD. PLAN S-2.1.
5. REFER TO STD. PLAN S-2.1 FOR JOINT SEALING REQUIREMENTS.
6. WhirlyGIG MANHOLE RISER/COLLAR SYSTEM SHALL BE USED IN PLACE OF RISER RINGS UNLESS OTHER WISE APPROVED.

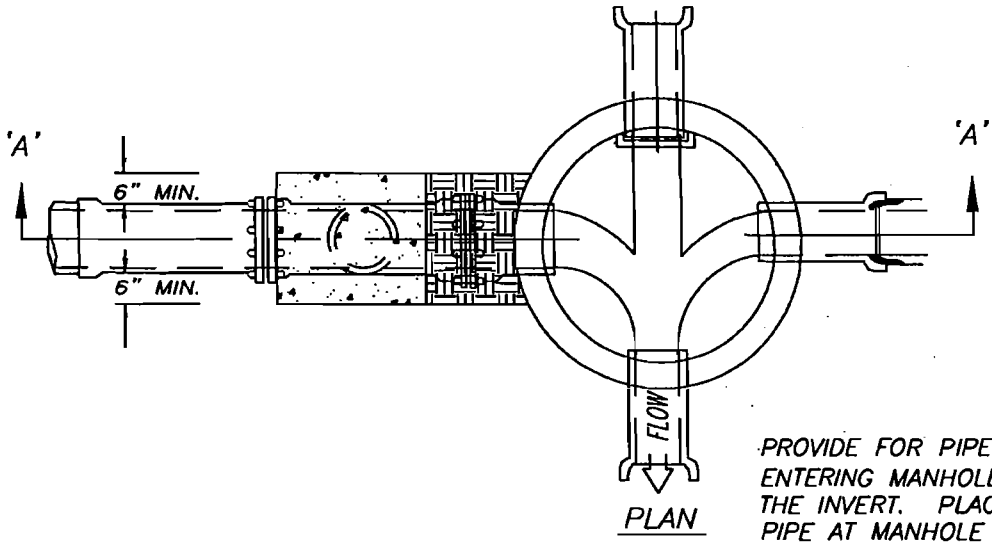


FLAT SLAB ALTERNATE

REV. 3/05/08 SCH

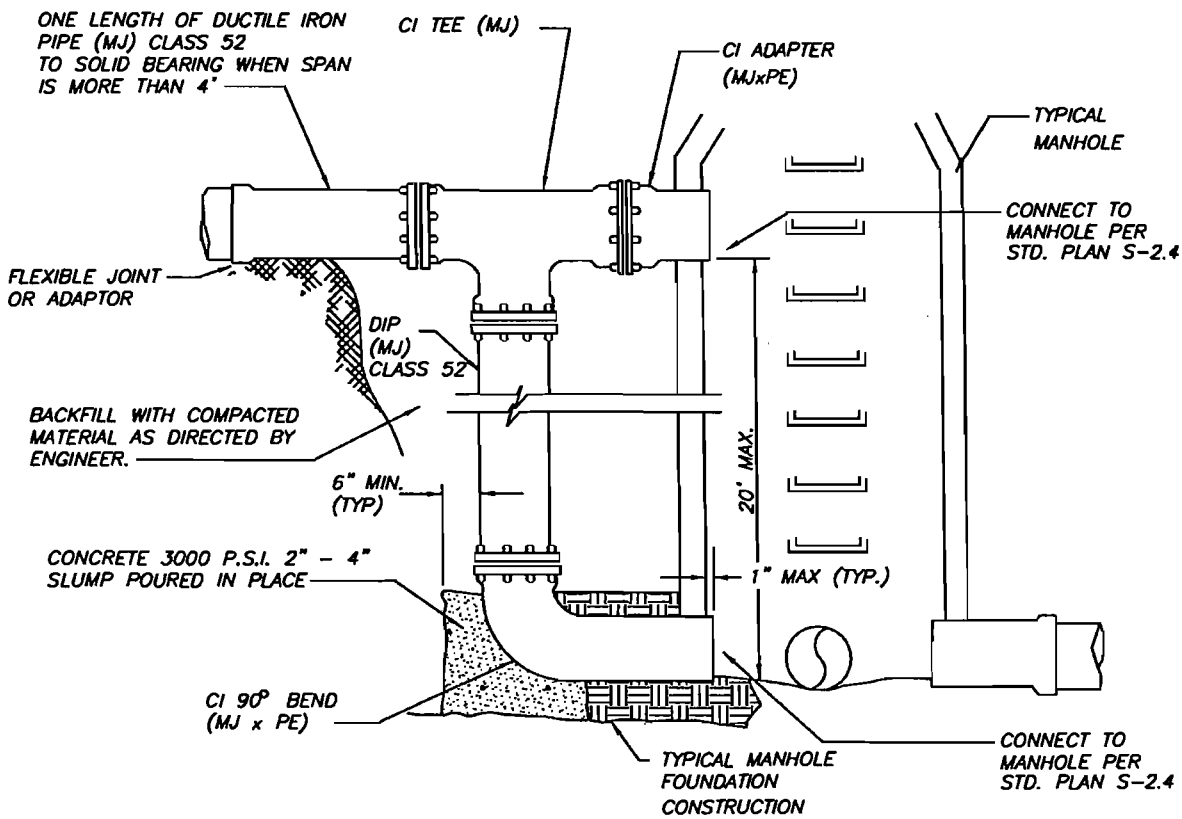
TOP SLAB FOR STANDARD PRECAST MANHOLE

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S - 2.5



PLAN

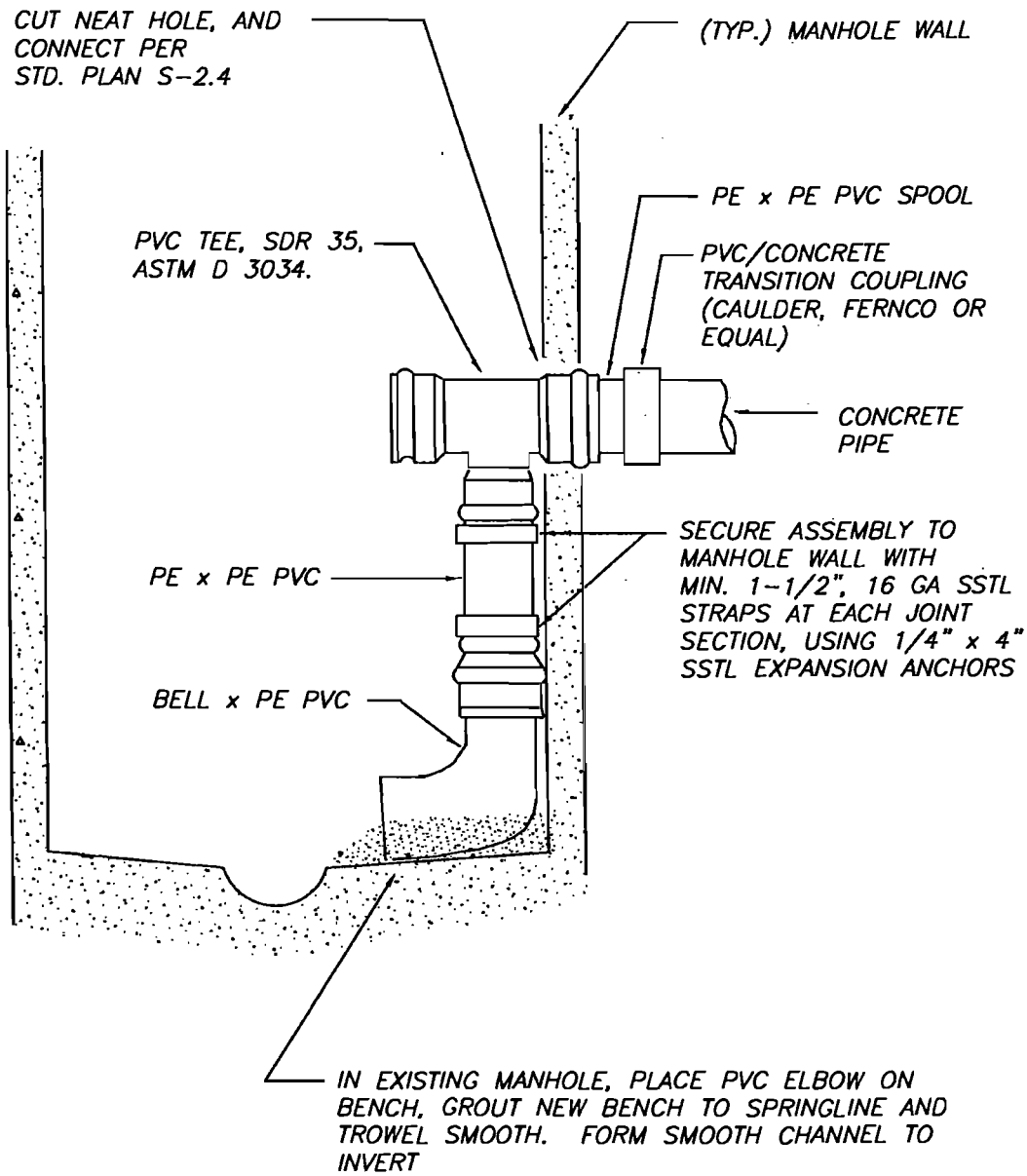
PROVIDE FOR PIPES <12" WHEN ENTERING MANHOLE >24" ABOVE THE INVERT. PLACE LARGER PIPE AT MANHOLE INVERT.



ELEVATION 'A'-'A'

OUTSIDE DROP CONNECTION

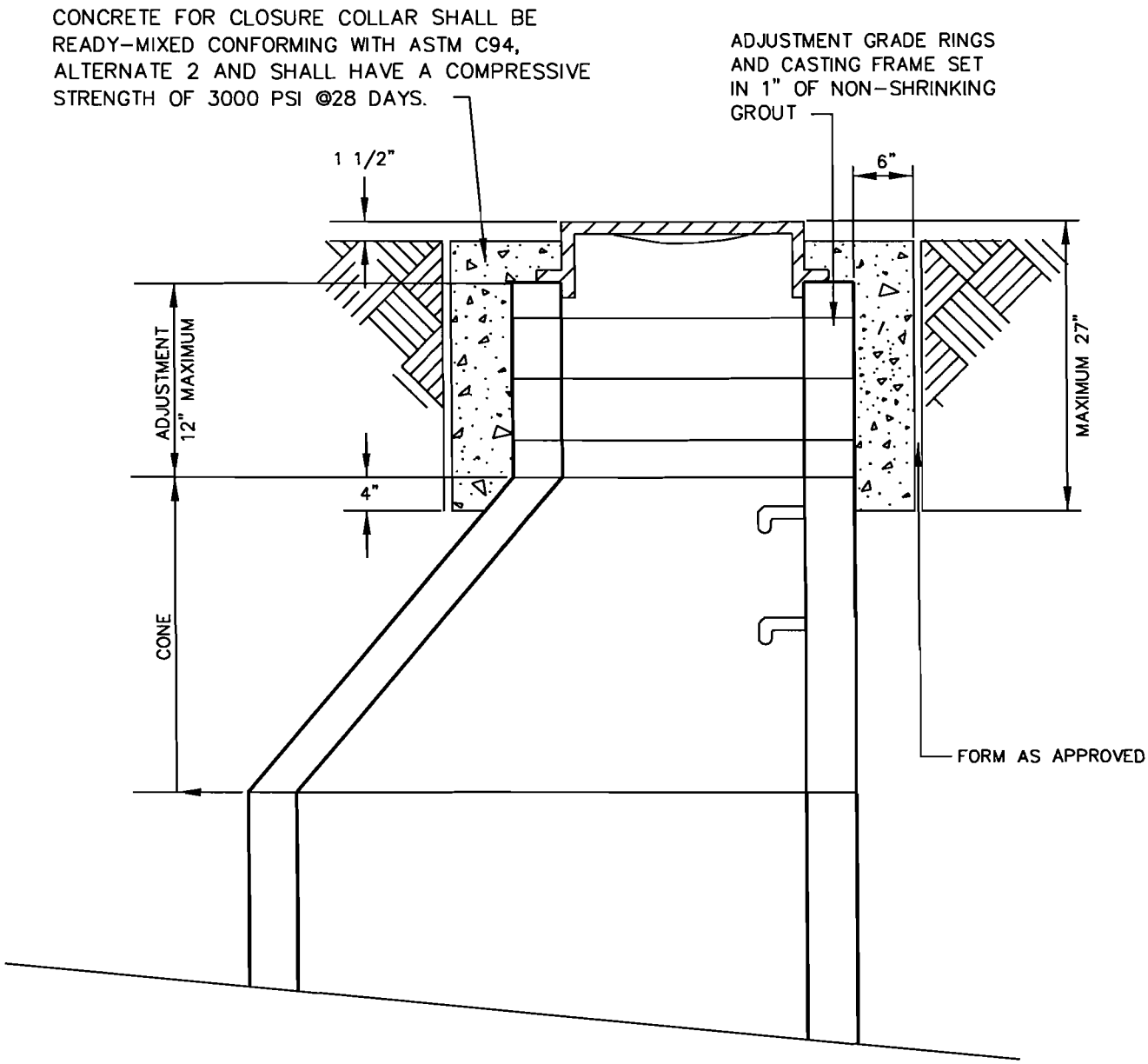
STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-2.6



NOTE: INSIDE DROP ASSEMBLY MAY BE USED ONLY WHEN SPECIFICALLY APPROVED BY CITY ENGINEER. MAXIMUM ONE ASSEMBLY PER 48" MANHOLE.

INSIDE DROP CONNECTION

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-2.7



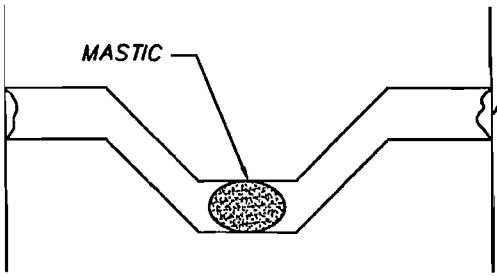
NOTES:

1. Whilry-GIG MANHOLE RISER/COLLAR SYSTEM SHALL BE USED IN PLACE OF RISER RINGS WITHIN THE CITY'S PUBLIC ROADWAYS. CONCRETE CLOSURE COLLARS SHALL BE PROVIDED AROUND ALL MANHOLES ADJUSTMENT SECTIONS IN EASEMENTS.

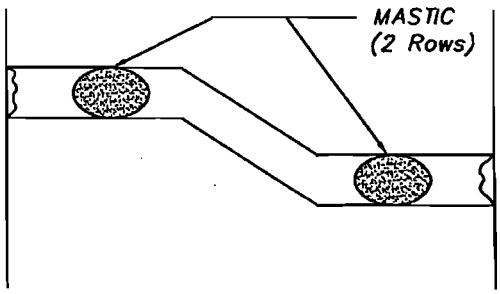
REV. 4/16/08 SCH

MANHOLE - CONCRETE CLOSURE COLLAR

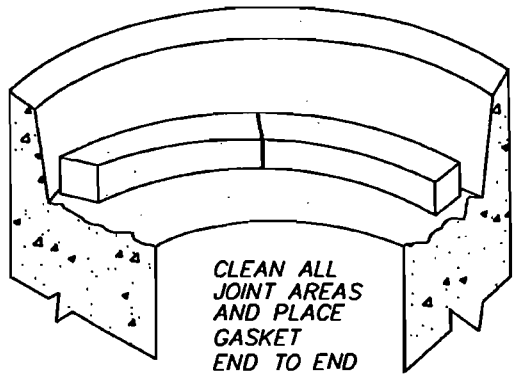
STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-3.0



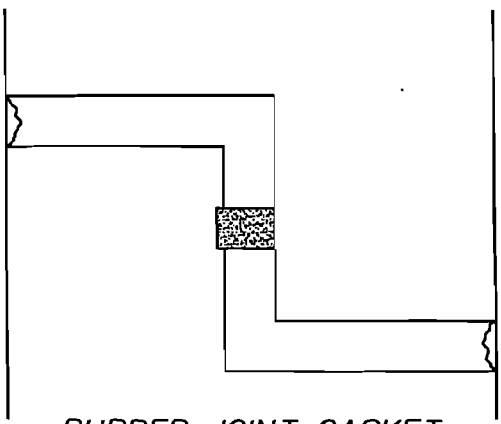
KEYLOCK



TONGUE & GROOVE



CORRECT MASTIC PLACEMENT



RUBBER JOINT GASKET

MANHOLE JOINTS

NOTES:

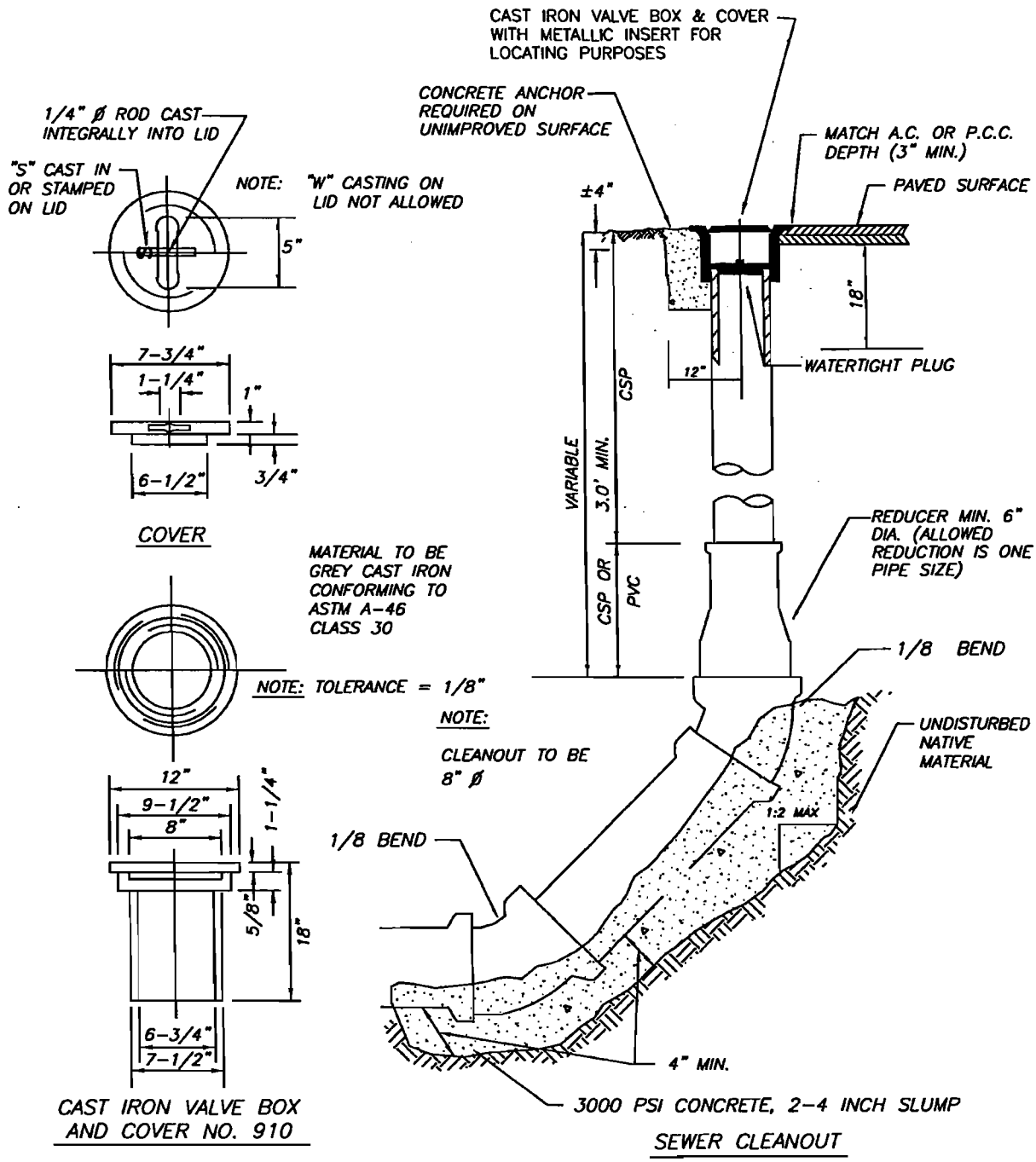
1. SEAL THE MANHOLE JOINTS WITH INFI-SHIELD "SEAL WRAP" EXTERNAL SEAL SYSTEM.

2. GROUT FOR SEALING JOINTS SHALL BE FIVE STAR, SIKA 212, EUCO N-5, OR APPROVED NON-SHRINK GROUT. STANDARD GROUT WILL NOT BE ACCEPTED.

REV. 3/05/08 SCH

STANDARD MANHOLE JOINT DETAILS

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-2.9



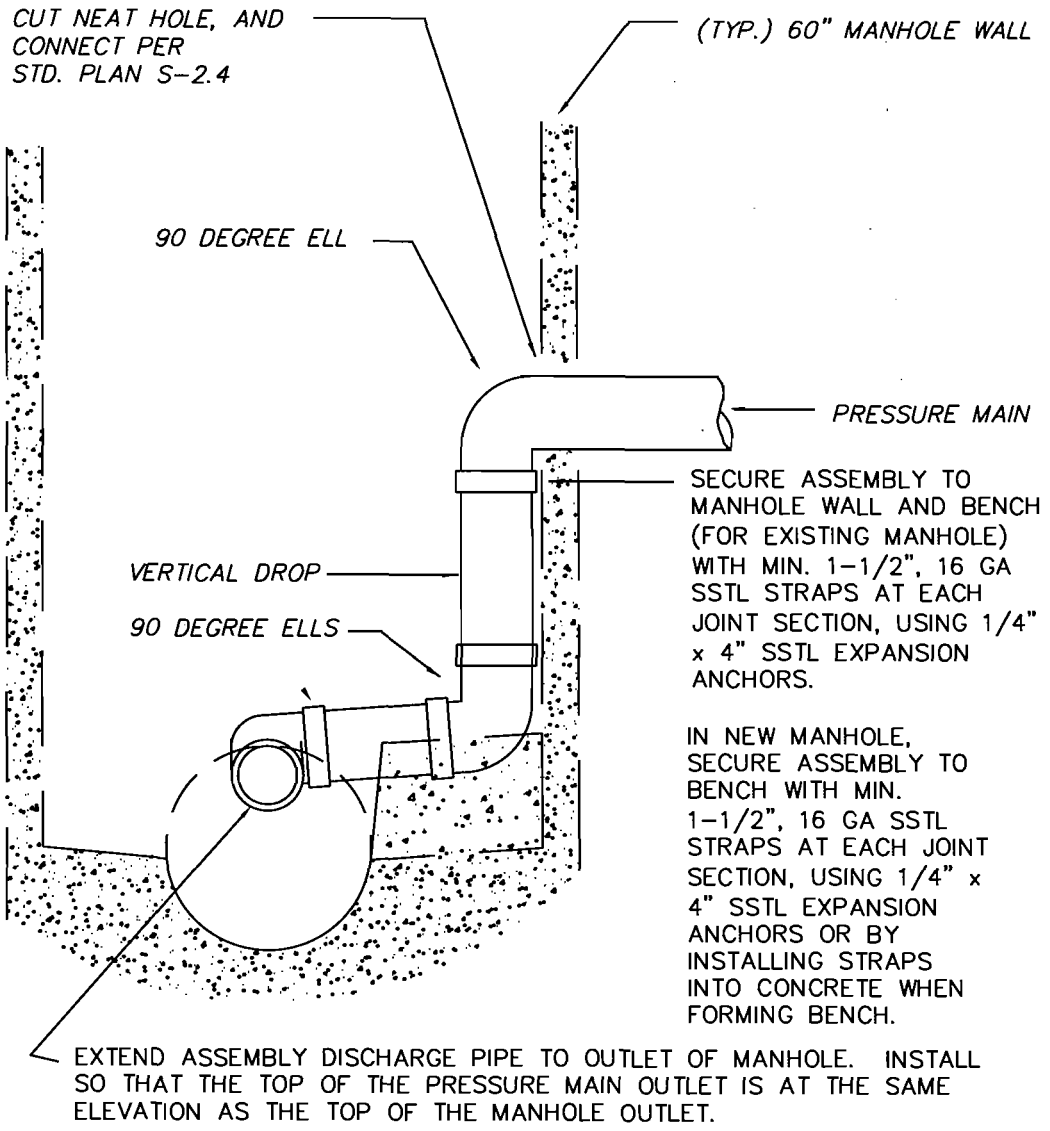
NOTES:

1. VALVE BOX SHALL BE FORT VANCOUVER PATTERN NO. 910 CAST IRON OR APPROVED EQUAL
2. SEE DETAIL S-3.3 FOR ADDITIONAL REQUIREMENTS

REV. 3/05/08 SCH

STANDARD SEWER CLEANOUT

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-3.1



NOTES:

1. PRESSURE MAIN CONNECTION ASSEMBLY MAY BE USED ONLY WHEN SPECIFICALLY APPROVED BY THE CITY ENGINEER. MAXIMUM OF ONE ASSEMBLY PER 60" MANHOLE.

2. ALL PIPES AND JOINTS SHALL BE CONSTRUCTED OF MATERIALS APPROVED FOR FORCE MAIN CONSTRUCTION. ALL JOINTS, PIPES AND ANCHORS SHALL BE DESIGNED TO HANDLE THE PRESSURES AND FORCES GENERATED BY THE FORCE MAIN FLOW.

3. THE DISCHARGE MANHOLE AND TWO MANHOLES DOWNSTREAM MUST BE COATED WITH 120 MIL RAVEN EPOXY SYSTEM OR EQUAL.

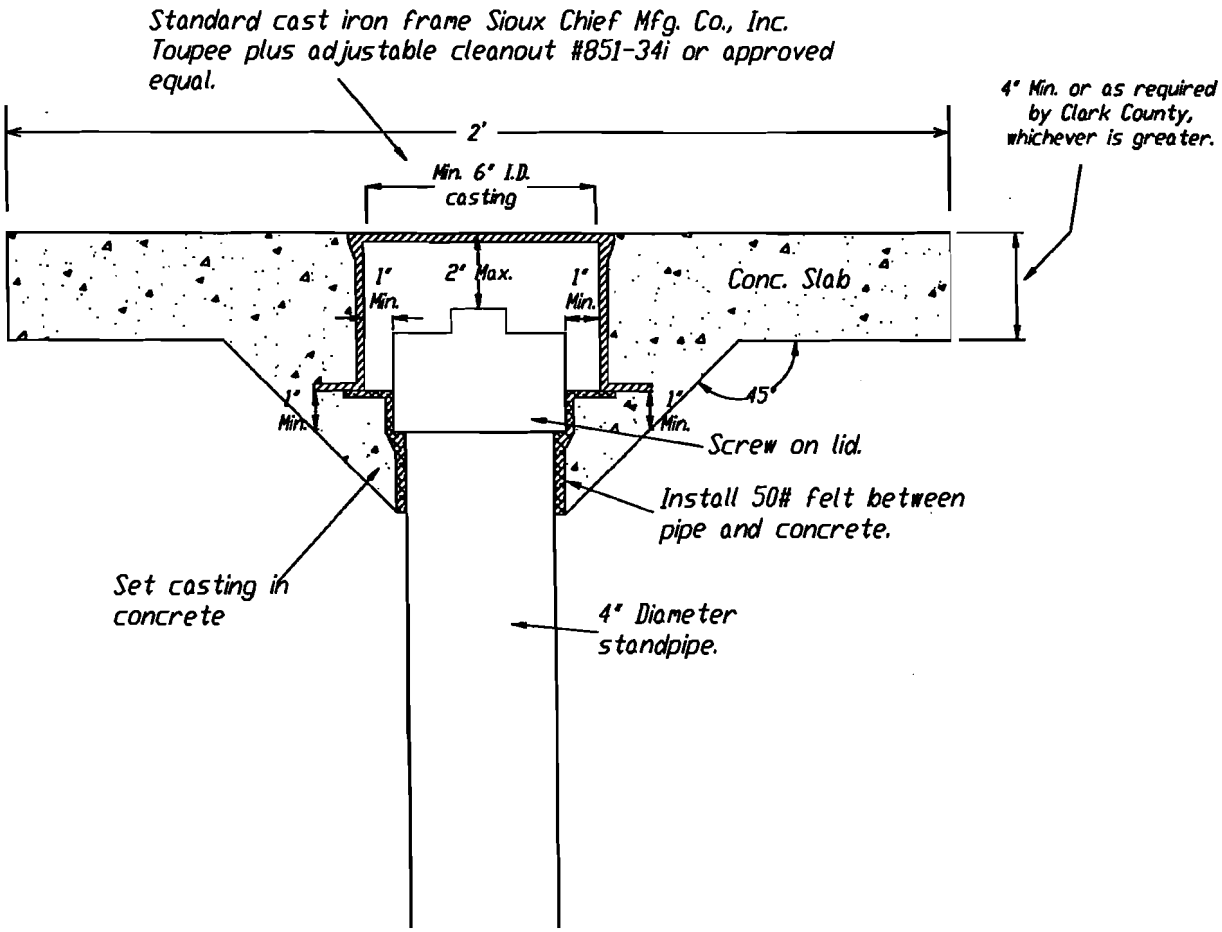
REV. 4/15/08 SCH

PRESSURE MAIN CONNECTION DETAIL

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S - 3.2

CLEAN-OUTS IN DRIVEWAYS

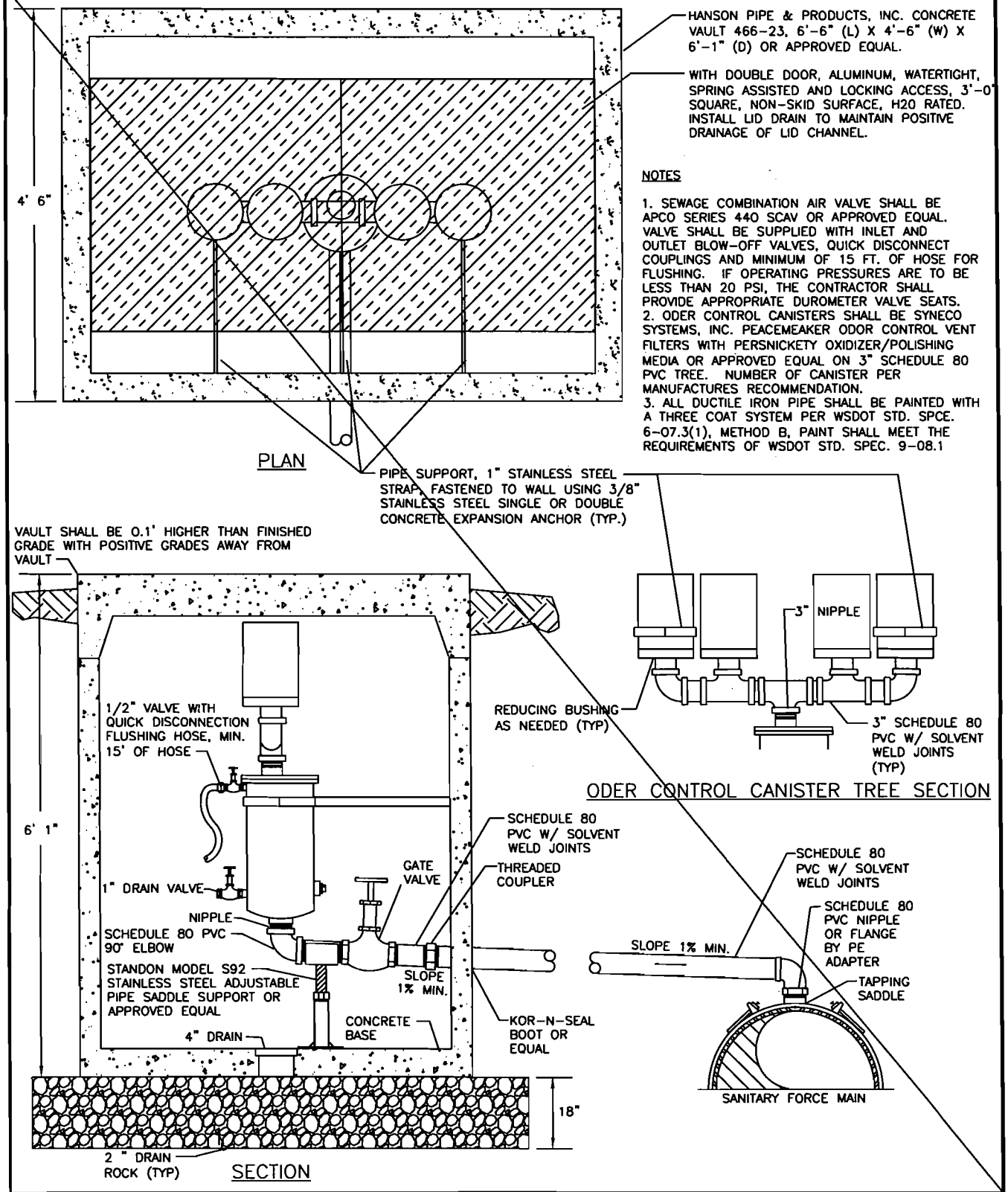
Where residential clean-outs occur in driveways in new construction, a casting shall be installed to protect it. The cast iron casting is to be a min. of 2" greater I.D. than the size of pipe it is installed over, it shall be set in concrete at finished grade. Casting shall conform to the requirements of AASHTO M 105, grade 30B. See the following sketch for further details.



2/11/08 SCH

RESIDENTIAL SEWER CLEANOUTS IN DRIVEWAYS

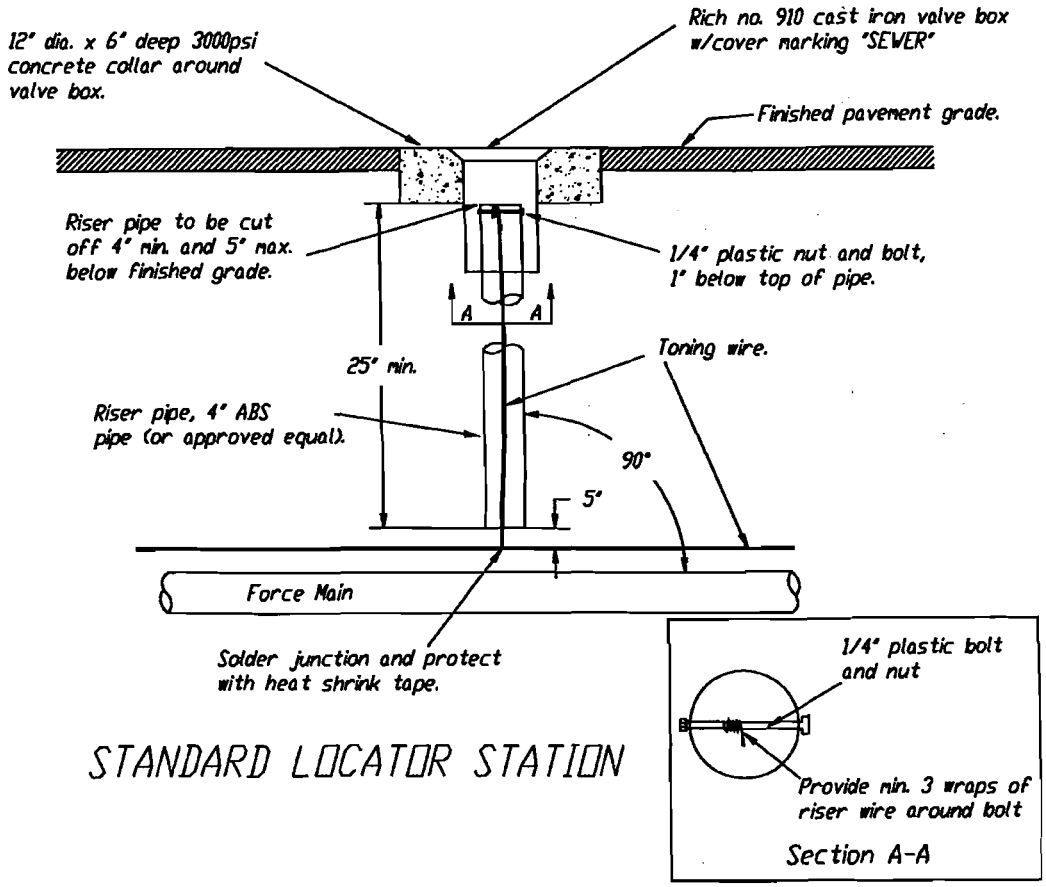
STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-3.3



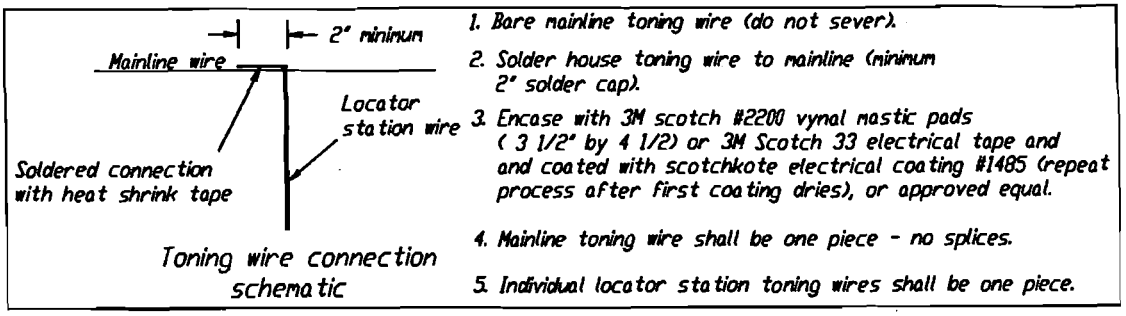
AIR VACUUM/RELEASE VAULT WITH ODOR CONTROL

4/15/08 SCH

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-3.6



STANDARD LOCATOR STATION

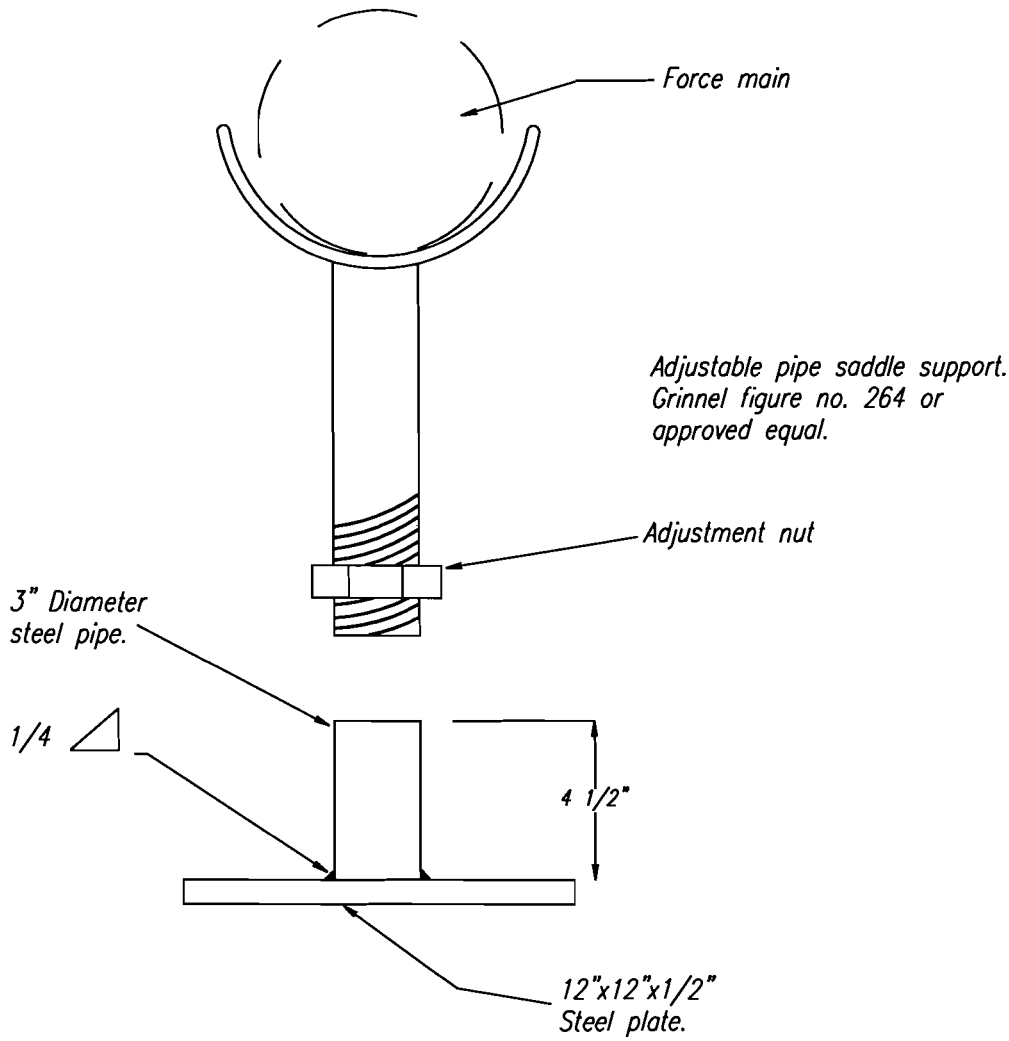


2/11/08 SCH

LOCATER STATION DETAIL

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-3.7

Note: After fabrication, the valve stand base shall be cleaned, primered with Fuller O'Brian 621-04 Blox-Rust alkyd metal primer or approved equal and then painted with Fuller O'Brian 612-XX heavy duty alkyd enamel or approved equal.

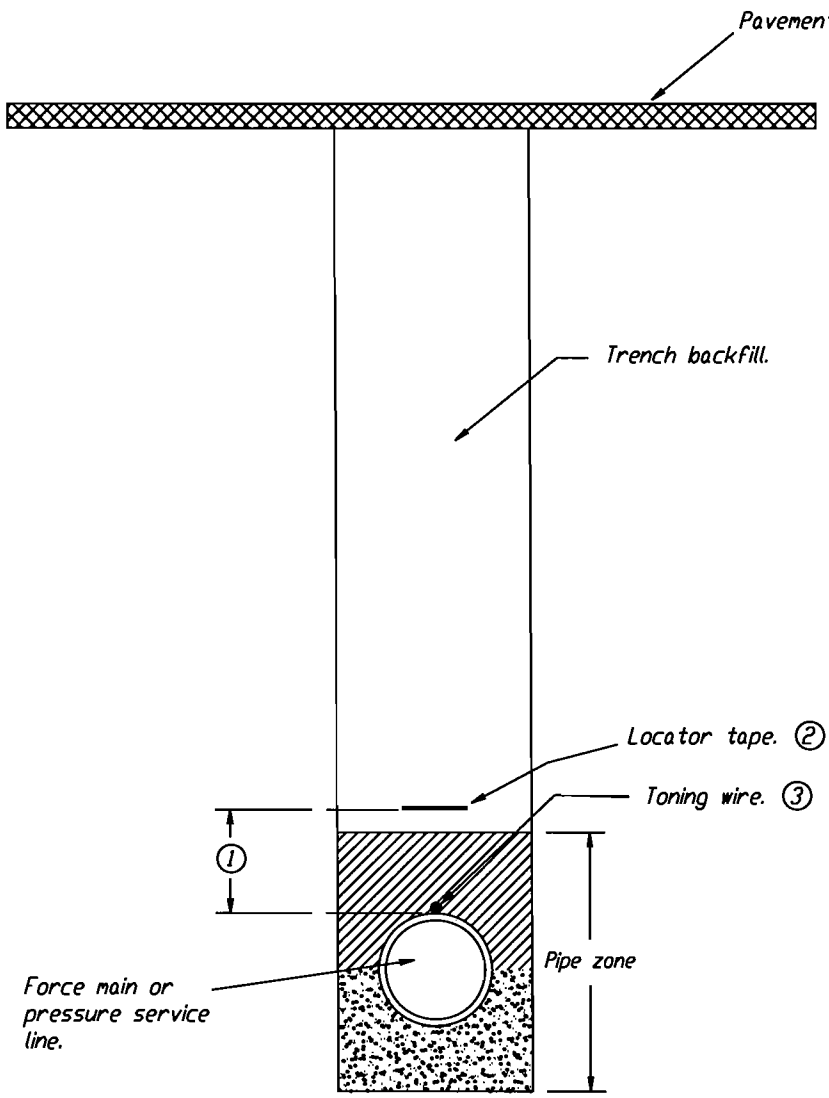


NO SCALE

2/11/08 SCH

VALVE STAND DETAIL

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-3.8



(1) Locator tape to be located eighteen (18) inches above a force main and twelve (12) inches above a pressure service line.

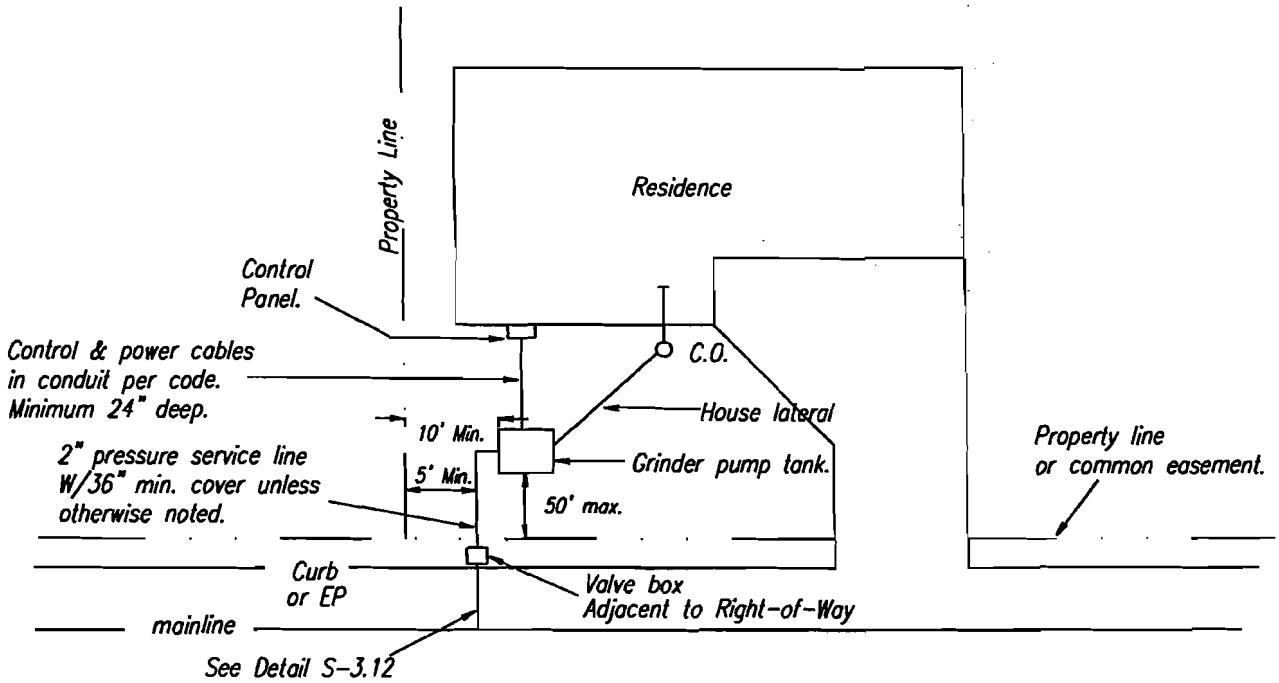
(2) The locator tape should be marked with continuous three (3) inch wide green six (6) mil thick locator tape three (3) inch high black letters every three (3) feet with "Warning - Buried Pressure Sewer".

(3) A continuous toning wire shall be attached to the top of the pressure service line. The toning wire shall be 12 gauge insulated toning wire. The toning wire shall end in the valve box with a minimum of one (1) foot coil of wire. The toning wire shall be tested for continuity prior to acceptance. All splices will be soldered a minimum od two (2) inches in length and encased with 3M Scotch #220 vinyl mastic pads (3 1/2" by 4 1/2") or 3M Scotch 33 electrical tape and coated with Scotchkote electrical coating #1485 (repeat process after first coating dries), or approved equal.

2/12/08 SCH

TONING WIRE AND LOCATOR TAPE DETAIL

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-3.9



NOTES:

1. PUMPS SHALL BE ENGINEERED POSITIVE DISPLACEMENT SYSTEMS E/ONE, W-SERIES, WH231 "SQUAT", OR CITY APPROVED EQUAL AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURE'S RECOMMENDATIONS. TANK SHALL BE AT LEAST 237 GALLON CAPACITY.

2. LOCATE PUMP AND TANK MINIMUM 5' FROM BUILDING AND BETWEEN BUILDING AND STREET.

3. MAINTAIN ACCESS TO TANK.

4. MOUNT CONTROL PANEL ON FRONT OF HOUSE, AS CLOSE TO TANK AS POSSIBLE AND VISIBLE FROM TANK.

5. VALVE BOX SHALL NOT BE IN DRIVEWAY, AND SHALL BE AT PUBLIC R/W OR BACK OF COMMON EASEMENT.

6. SITE PLAN AND PUMP SUBMITTAL APPROVAL REQUIRED PRIOR TO INSTALLATION.

7. GRINDER PUMP SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE BUILDING, PLUMBING, AND ELECTRICAL CODES.

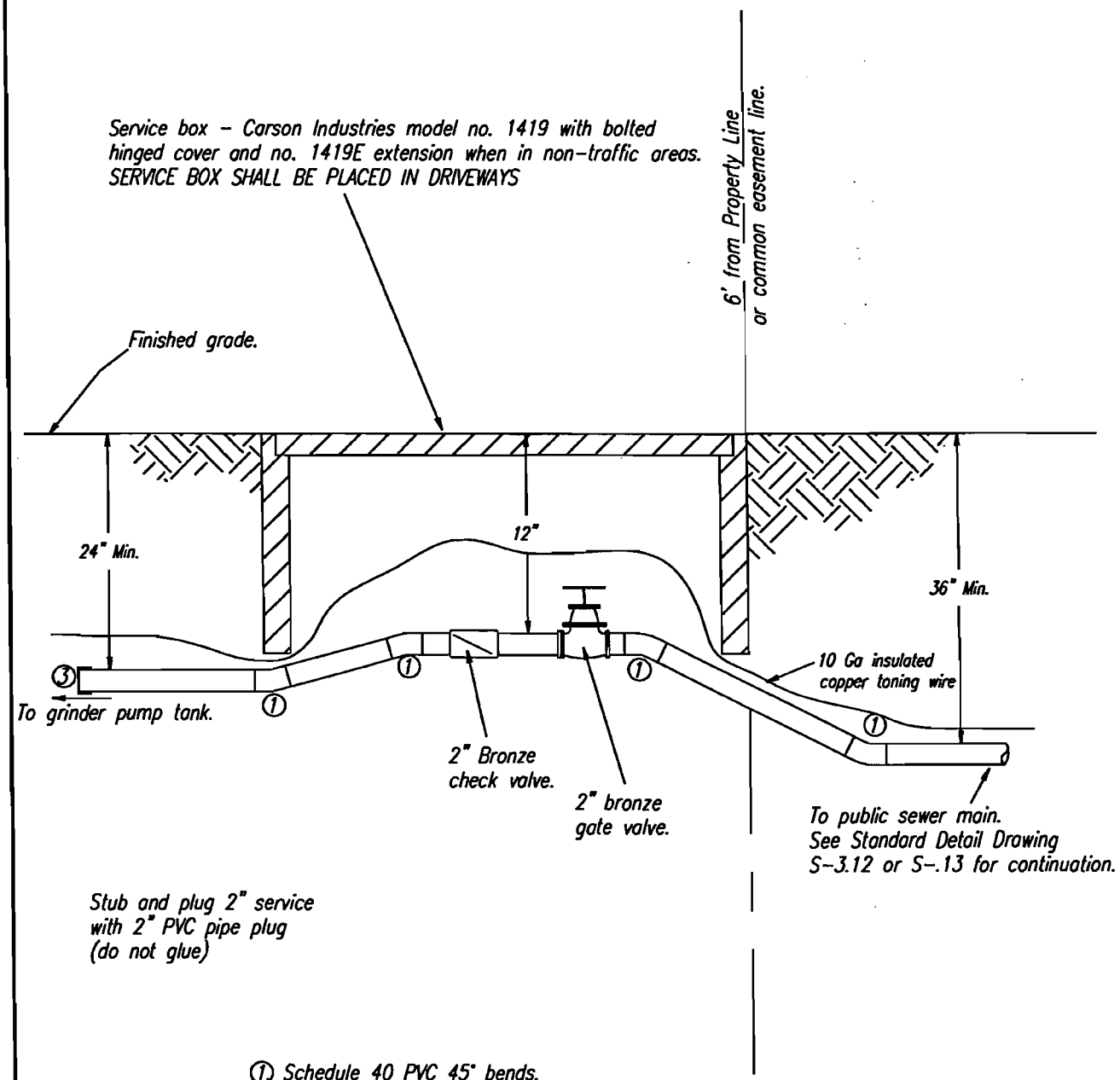
8. SUBMITTALS ON ALL GRINDER SYSTEM COMPONENTS WILL BE REQUIRED WITH BUILDING PERMIT SUBMITTAL.

9. OPERATION AND MAINTENANCE OF EACH INDIVIDUAL GRINDER PUMP SYSTEM SHALL BE THE SOLE RESPONSIBILITY OF THE HOME OWNER.

2/12/08 SCH

TYPICAL GRINDER PUMP PRESSURE SEWER SITE PLAN

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-3.10



① Schedule 40 PVC 45° bends.

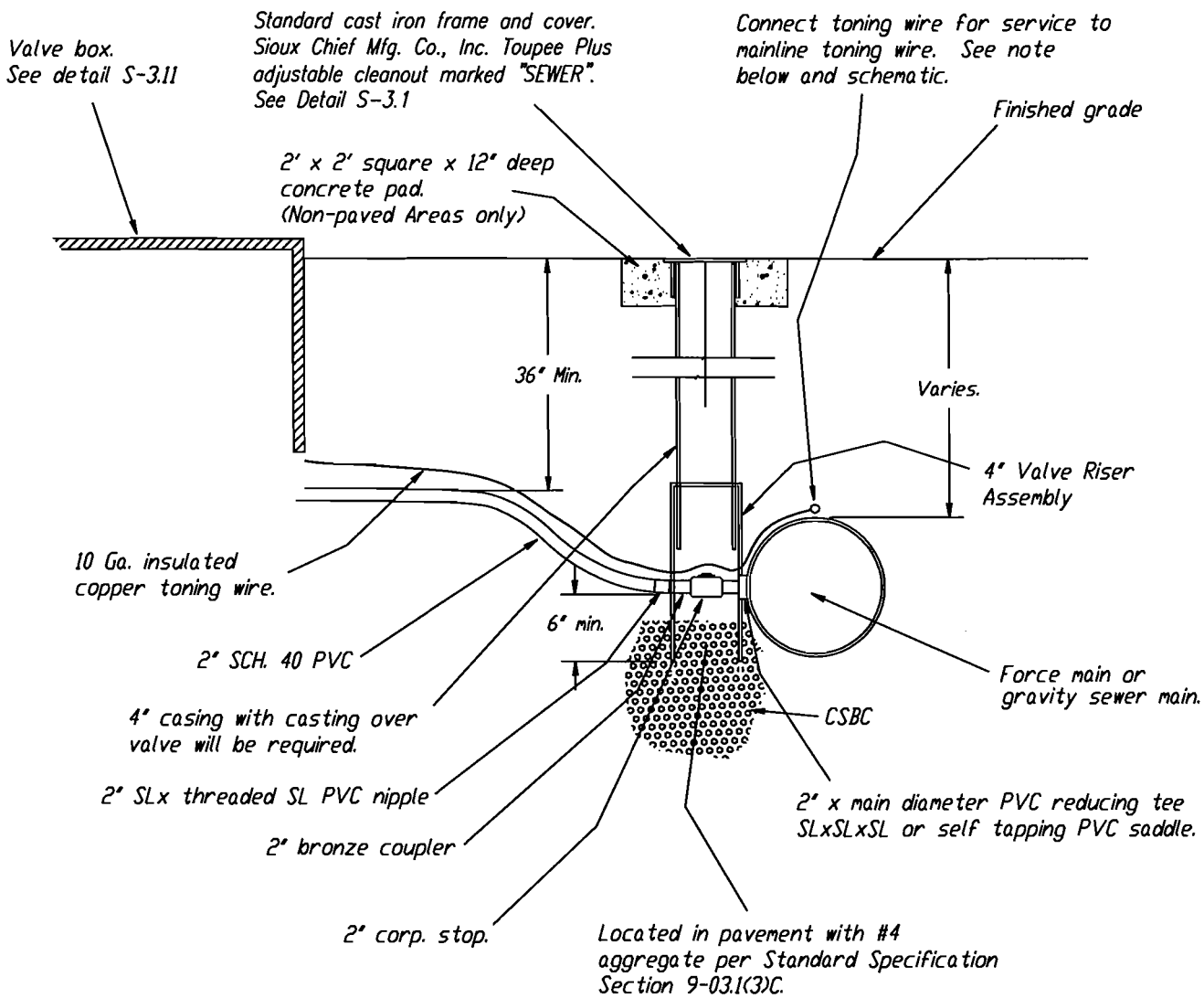
② All PVC pipe and fittings to be schedule 40.

③ SYSTEM TO BE INSTALLED AND TESTED PER CITY ENGINEERING STANDARDS TO TEMPORARY CAP. REMINDER OF SYSTEM TO GRINDER PUMP TANK TO BE INSTALLED PER PLUMBING CODE.

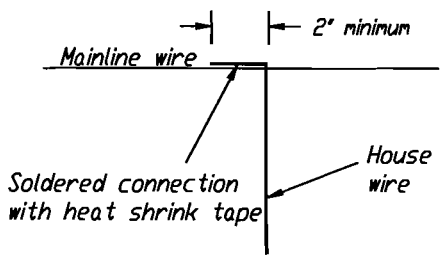
2/12/08 SCH

TYPICAL HOUSE GRINDER PUMP VALVE BOX

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-3.11



Note: All PVC pipe & fittings shall be schedule 40 PVC.



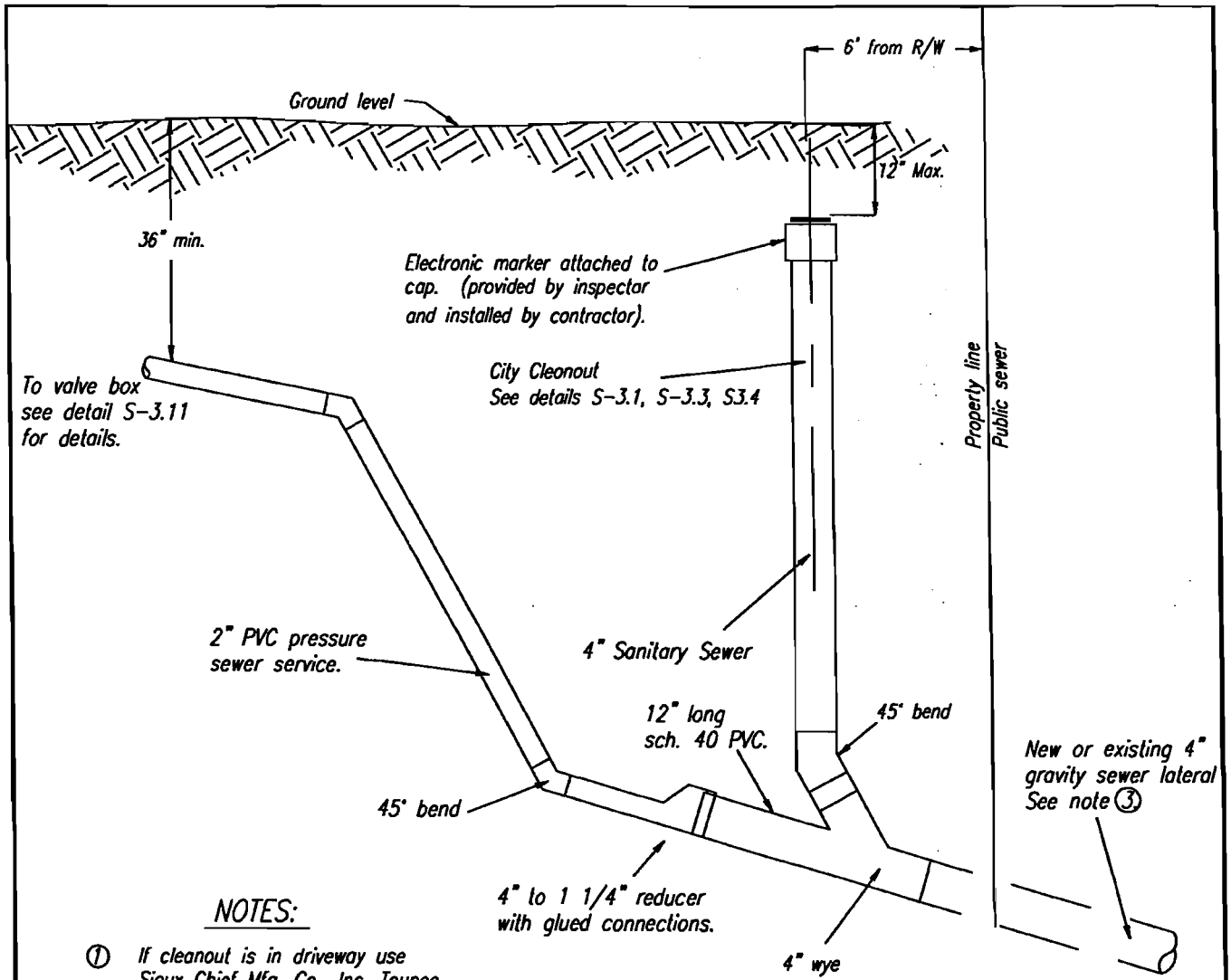
Toning wire connection schematic

1. Bare mainline toning wire (do not sever).
2. Solder house toning wire to mainline (minimum 2" solder cap).
3. Encase with 3M Scotch #2200 vinyl mastic pads (3 1/2" by 4 1/2") or 3M Scotch 33 electrical tape coated Scotchkote electral coating #1485 (repeat process after first coating dries), or approved equal.
4. Mainline toning wire shall be one piece - no splices.
5. Individual house toning wires shall be one piece.

2/12/08 SCH

PRESSURE HOUSE GRINDER PUMP SERVICE CONNECTION

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-3.12



NOTES:

① If cleanout is in driveway use Sioux Chief Mfg. Co., Inc. Toupee Plus adjustable cleanout #851-34i or approved equal.

② When a cleanout is located in a driveway, permit holder is required to contact the City for a finol inspection of the driveway cleanout prior to occupancy of the house. (See detail S-3.3)

③ Contact City for information on location, depth and pipe material for existing gravity lateral. If a new lateral is required, construct in accordance with City specifications and drawings.

④ All PVC pipe and fittings to be schedule 40.

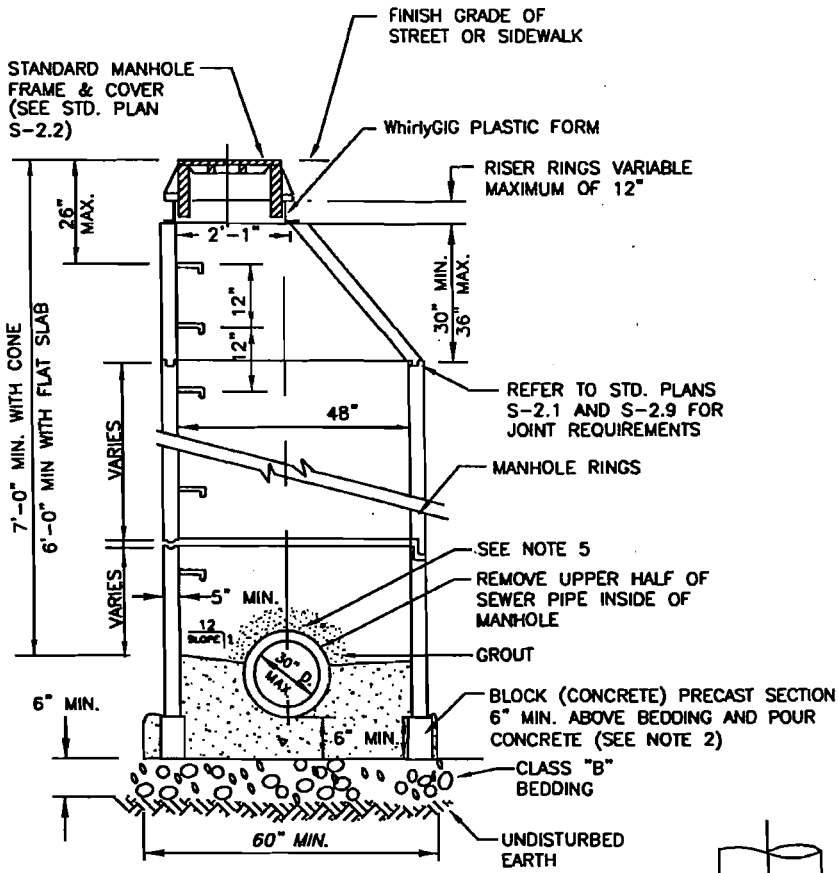
2/12/08 SCH

PRESSURE HOUSE GRINDER PUMP SERVICE CONNECTION TO EXISTING GRAVITY LATERAL

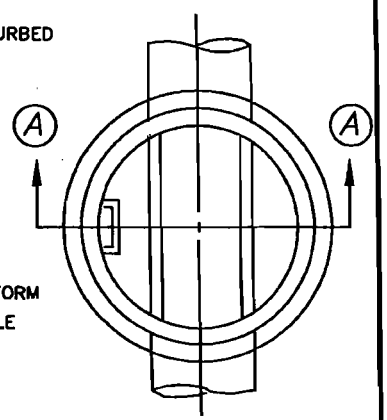
STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-3.13

NOTES:

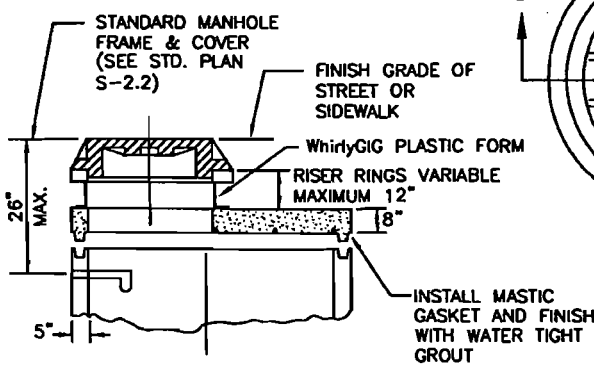
1. CONSTRUCTION SHALL CONFORM TO STD. PLAN NO. S-2.1, IF NOT OTHERWISE SHOWN.
2. ALL PRECAST SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-478. ALL POURED IN PLACE CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3000 P.S.I. AND 2" TO 4" SLUMP.
3. THE MANHOLE BASE MAY BE POURED MONOLITHIC TO 8" ABOVE THE BARREL OF THE MAIN SEWER.
4. MANHOLES UNDER 6'-0" IN DEPTH FROM RIM TO SHELF SHALL HAVE A TOP SLAB IN LIEU OF CONE. SEE DETAIL S-2.5
5. FOR CONNECTONS, THIS HOLE DIAMETER SHALL BE EQUAL TO THE OUTSIDE PIPE DIAMETER PLUS THE MANHOLE WALL THICKNESS.
6. CHANNELS SHALL CONFORM ACCURATELY TO SEWER GRADE. INSTALL BENCHES TO ELEVATION OF SPRINGLINE OF PIPE.
7. Joints shall be constructed so as to be watertight. See Standard Plan No. S-2.9. Seal all manhole joints and frame with Infi-Shield "Seal Wrap" Exterior Seal System or equal.
8. Vacuum testing of manholes will be required.
9. Locking covers are required in easements, or at the discretion of the City Inspector.
10. WhirlyGIG® Manhole Manhole Riser/Collar System shall be used in place of riser rings unless otherwise approved.
11. All manholes shall be provided with Rain Shields to prevent infiltration of stormwater.



SECTION A - A



PLAN

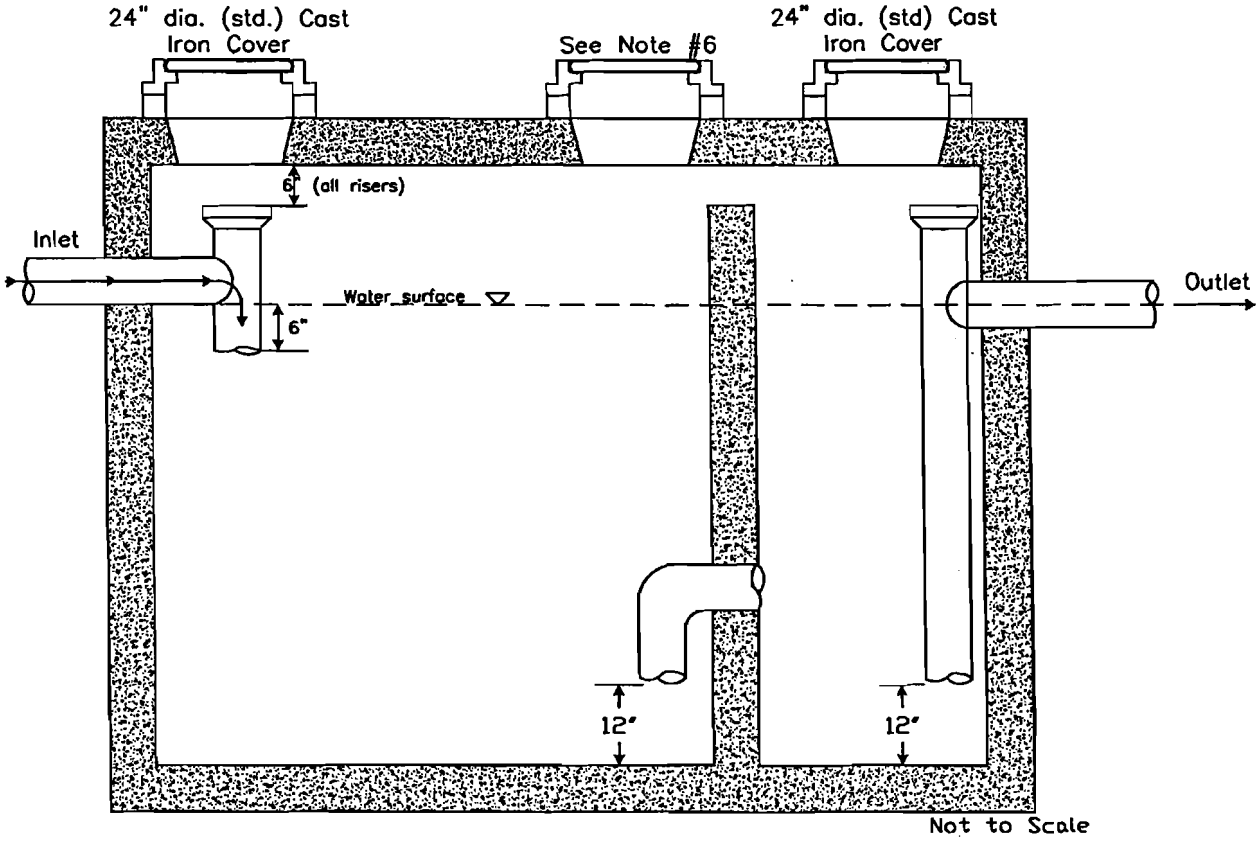


FLAT SLAB ALTERNATE

2/26/08 SCH

STANDARD SAMPLING MANHOLE DETAIL

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-4.1



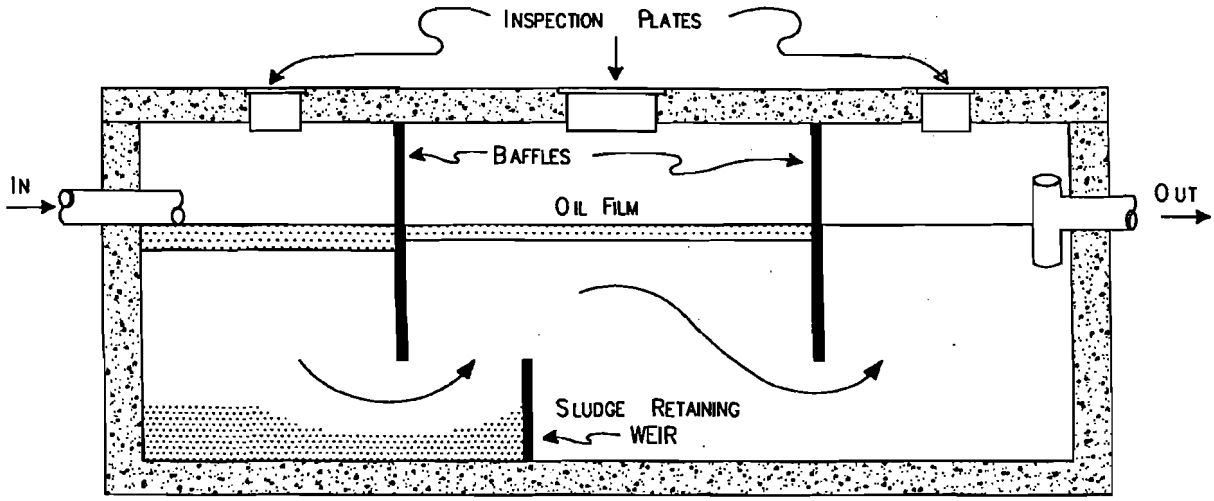
NOTES:

1. *Position risers below and off-center of manholes to allow access and entry.*
2. *No concrete plugs below cast iron manhole covers.*
3. *Place interceptor in location which allows for pump truck/maintenance access.*
4. *Fill with clean water prior to start-up and after pumpouts.*
5. ***Gray Water Only.*** *Domestic (sanitary) water shall be conveyed by separate line.*
6. *For capacities equal to or greater than 1,500 gallons, a center manhole is required and the cover shall be a standard 24" diameter cover.*
7. *Unit shall be rated for H-20 AASHTO loading (certified).*
8. *Submit vault specs with site/civil plans for final approval.*

2/26/08 SCH

STANDARD GREASE INTERCEPTER

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-4.2



RECOMMENDED MANAGEMENT PRACTICES

1. SIZE SEPERATOR FOR A 45 MINUTE RETENTION TIME AT PEAK FLOW, OR EQUIVALENT RETENTION IF USING COALESCING PLATES.
2. BEFORE INSTALLATION, SUBMIT ALL PLANS TO THE CITY ENGINEER FOR REVIEW. INDICATE ALL SOURCES OF WATER TO SEPERATE AND PROVIDE ESTIMATES OF EXPECTED AVERAGE AND MAXIMUM FLOW RATES.
3. INSPECT SEPERATOR EVERY 6 MONTHS. USE A LONG STICK TO CHECK SLUDGE BUILD-UP IN FIRST CHAMBER. HAVE SEPERATOR CLEANED IF SLUDGE BUILD-UP IS OVER 8" INCHES OR IF THERE ARE MORE THAN 2" INCHES OF OIL FLOATING ON THE SURFACE IN ANY CHAMBER.
4. FOR COALESING PLATE SEPERATOR, CLEAN THE PLATES BEFORE THEY BECOME COATED WITH SILT OR SOLIDS.
5. DO NOT ALLOW THE FOLLOWING TO ENTER THE SEPERATOR AS THEY WILL EMULISFY THE OIL: ANTIFREEZE, DEGREASERS, DETERGENTS, ALCOHOL & SOLVENTS. ALSO, AVOID OVERLOADING THE SYSTEM WITH CONCENTRATED OILS OR HEAVY METAL-BEARING WASTEWATER.
6. TO REDUCE MAINTENANCE, REMOVE FLOATING OIL WITH ABSORBENT PADS OR VACUUM OUT OIL FILM. IF NECESSARY, INSTALL A CATCH BASIN BEFORE THE SEPARATOR TO REDUCE SLUDGE LOAD.

STANDARD OIL/WATER SEPARATOR

STANDARD DETAILS	CITY OF RIDGEFIELD	SHEET S-4.3