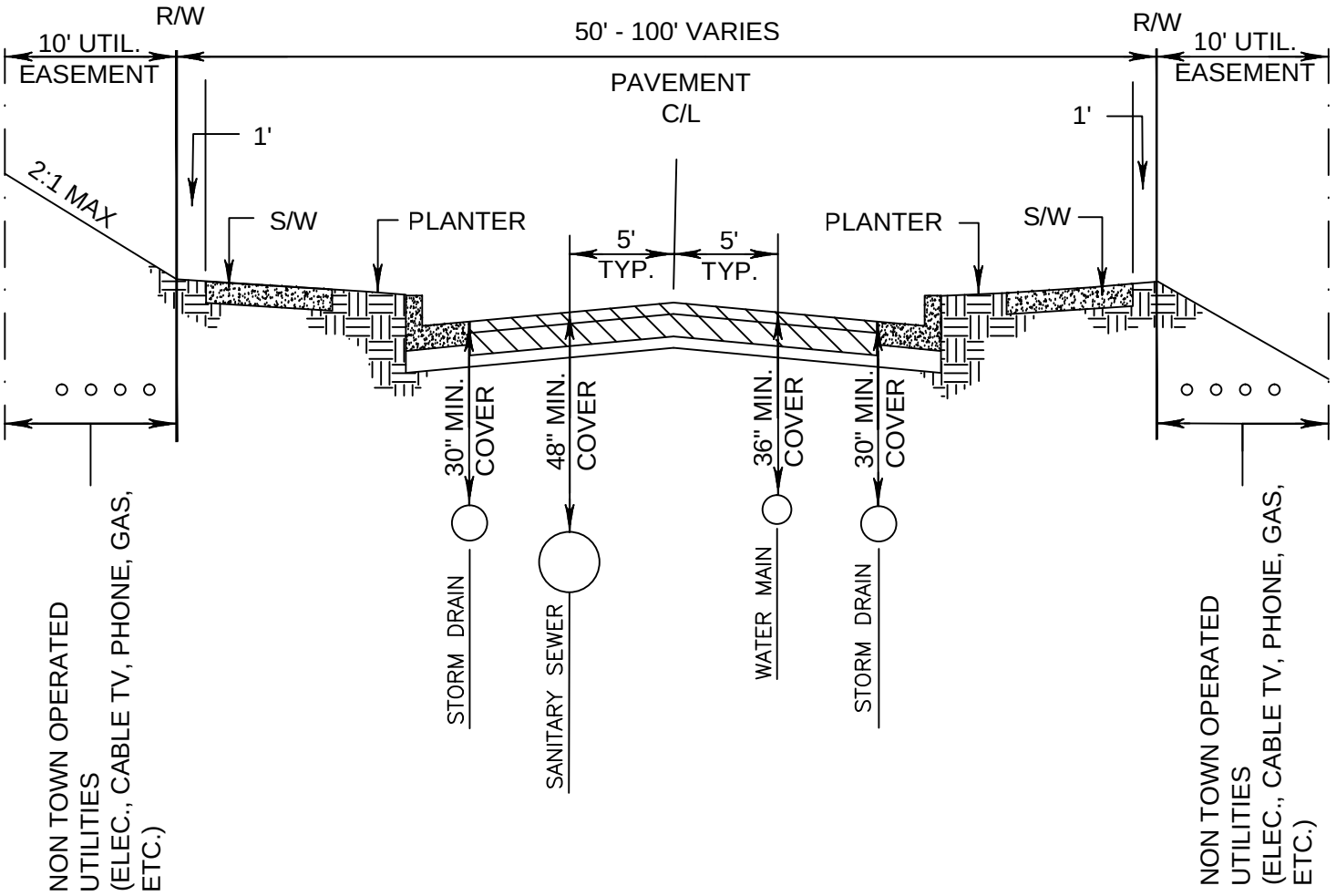

NOTES:

1. NON-TOWN OPERATED UTILITIES CAN BE PLACED IN A JOINT TRENCH.
2. MINIMUM SEPARATION REQUIREMENTS FROM PUBLIC UTILITIES APPLY WITHIN EASEMENTS AND PRIVATE PROPERTY.
3. UTILITY POLES SHALL BE PLACED A MINIMUM OF 2.5' FROM FACE OF CURB TO OUTSIDE EDGE OF THE POLE.

NOT TO SCALE

APPROVED BY	DATE		TYPICAL STREET UTILITY LOCATION	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-200
TOWN ENGINEER				

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APPROVED BY

TOWN ENGINEER

DATE

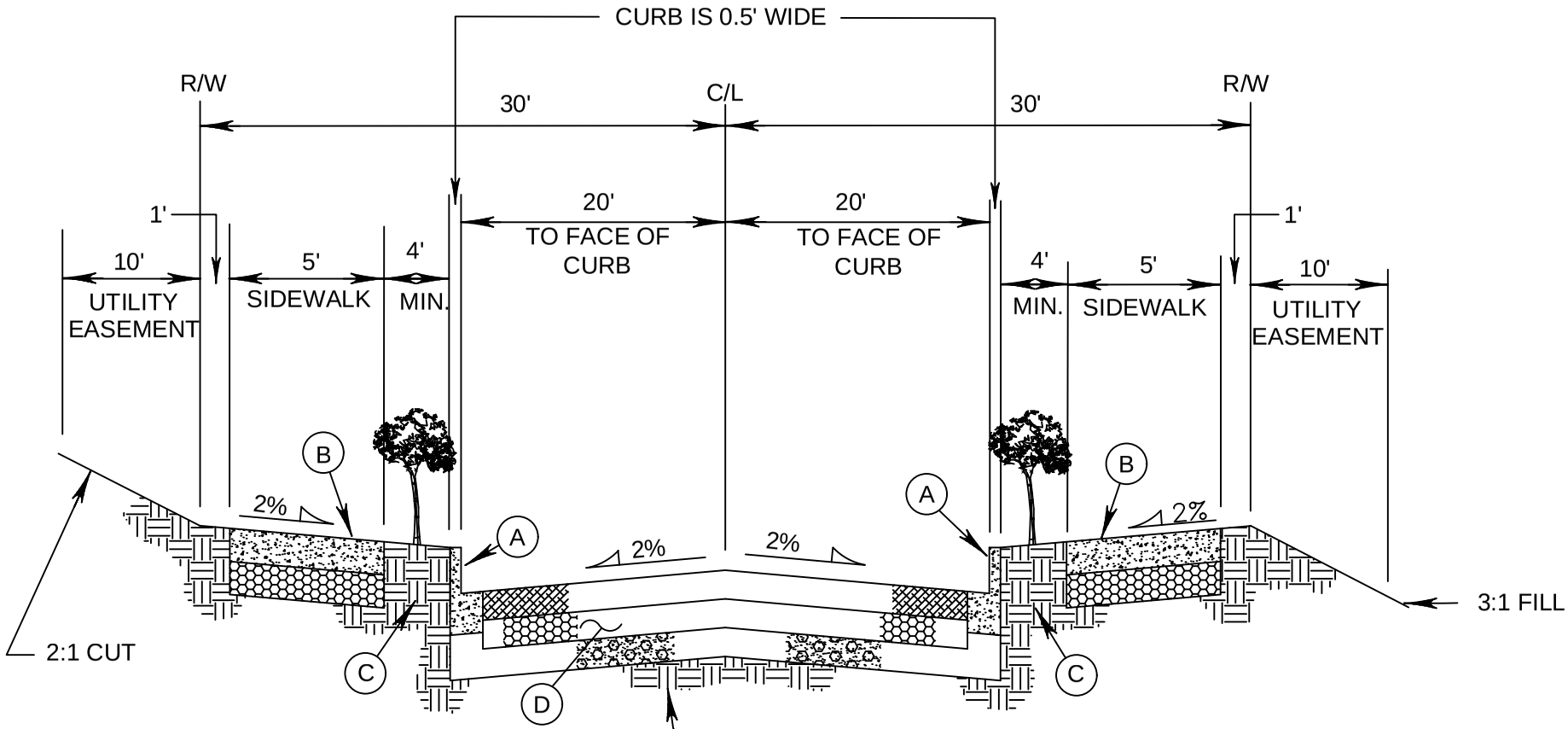
NOVEMBER 2010

TOWN OF LOS GATOS

COLLECTOR TYPICAL STREET SECTION

STD. PLAN NO.

ST-201



NOTES:

(A) CONCRETE CURB AND GUTTER SEE STD PLAN 210.

(B) CONCRETE SIDEWALK SEE STD PLAN 216.

(C) FOR PLANTER DETAIL SEE STD PLAN 217.

(D) FOR MINIMUM PAVEMENT SECTIONS, MATERIALS AND COMPACTION REQUIREMENTS SEE SECTION 2, STREET DESIGN STANDARDS.

NOT TO SCALE

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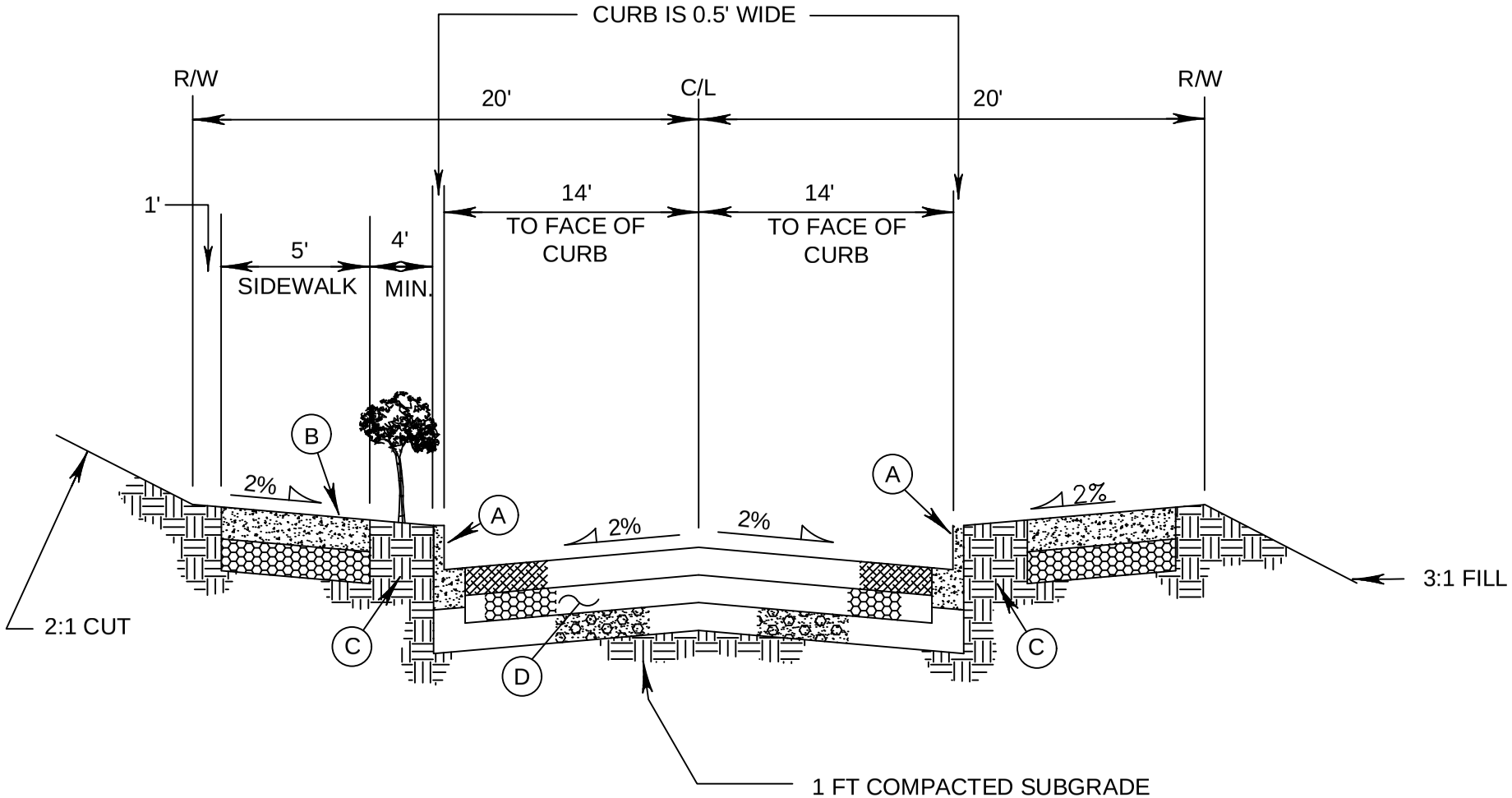
APPROVED BY	DATE
TOWN ENGINEER	NOVEMBER 2010

HILLSIDE COLLECTOR TYPICAL STREET SECTION

STD. PLAN NO. ST-202



NOTES:

(A) CONCRETE CURB AND GUTTER. SEE STD PLAN 210. CURBS SHALL BE PROVIDED ON BOTH SIDES OF ROAD. GUTTER MAY BE OMITTED WITH TOWN ENGINEER APPROVAL.

(B) CONCRETE SIDEWALK. SEE STD PLAN 216. SIDEWALKS ON ONE SIDE MAY BE PROVIDED DEPENDING ON TOPOGRAPHICAL CONSIDERATIONS.

(C) FOR PLANTER DETAIL SEE STD PLAN 217.

(D) FOR MINIMUM PAVEMENT SECTIONS, MATERIALS AND COMPACTION REQUIREMENTS SEE SECTION 2, STREET DESIGN STANDARDS.

(E) PARKING TYPICALLY PROHIBITED ON BOTH SIDES OF ROAD. IF PARKING IS ALLOWED ON ONE SIDE OF ROAD, PAVEMENT WIDTH SHALL BE 34' MIN.

NOT TO SCALE

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APPROVED BY

TOWN ENGINEER

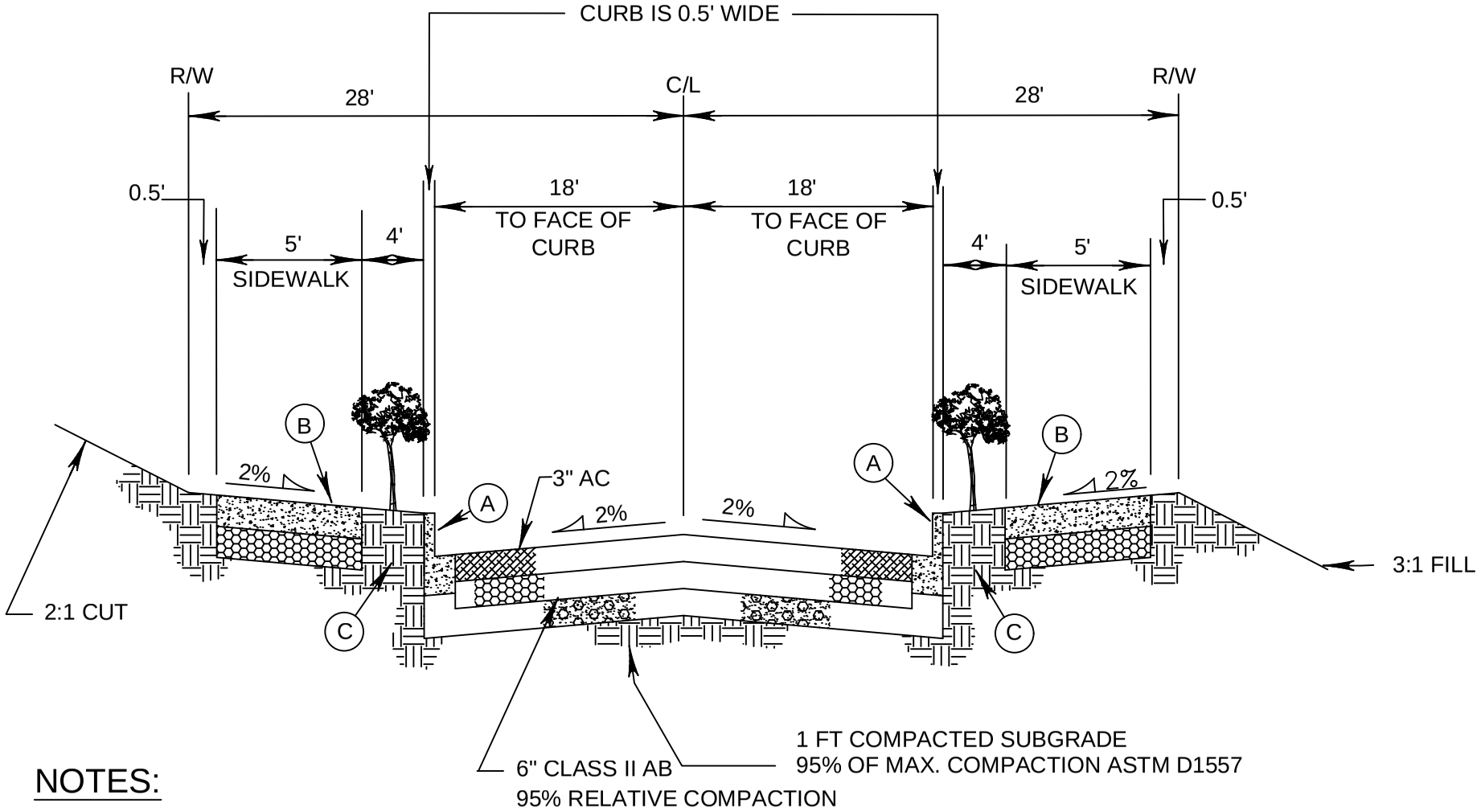
DATE

NOVEMBER 2010

LOCAL STREET TYPICAL SECTION

STD. PLAN NO.

ST-203



NOTES:

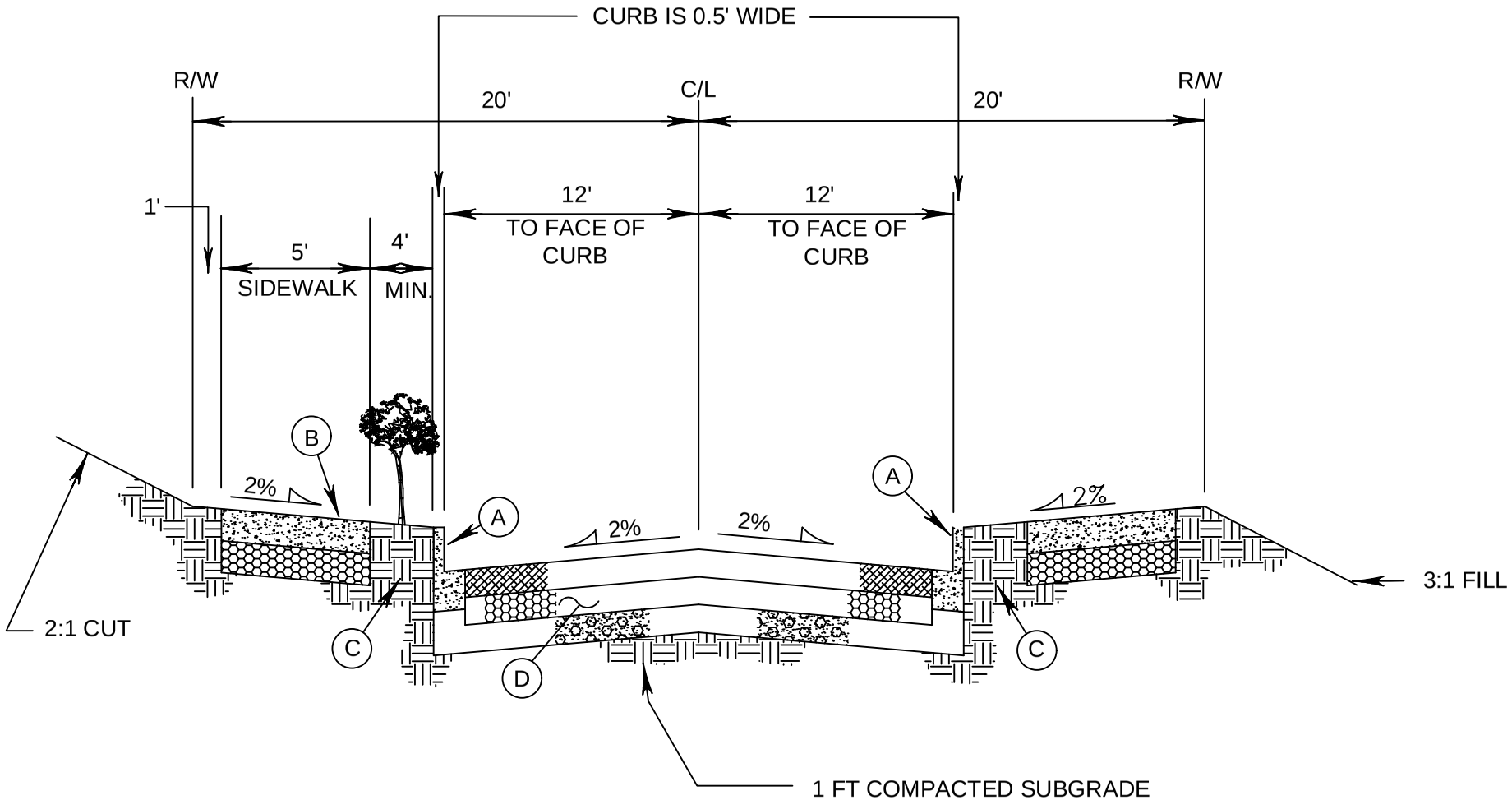
(A) CONCRETE CURB AND GUTTER
SEE STD PLAN 210.

(B) CONCRETE SIDEWALK
SEE STD PLAN 216.

(C) FOR PLANTER DETAIL
SEE STD PLAN 217.

(D) SAWCUTTING REQUIRED FOR ALL EDGES OF EXISTING IMPROVEMENTS TO BE REMOVED.

NOT TO SCALE



NOTES:

(A) CONCRETE CURB AND GUTTER. SEE STD PLAN 210. CURBS SHALL BE PROVIDED ON BOTH SIDES OF ROAD. GUTTER MAY BE OMITTED WITH TOWN ENGINEER APPROVAL.

(B) CONCRETE SIDEWALK. SEE STD PLAN 216. SIDEWALKS ON ONE SIDE MAY BE PROVIDED DEPENDING ON TOPOGRAPHICAL CONSIDERATIONS.

(C) FOR PLANTER DETAIL SEE STD PLAN 217.

(D) FOR MINIMUM PAVEMENT SECTIONS, MATERIALS AND COMPACTION REQUIREMENTS SEE SECTION 2, STREET DESIGN STANDARDS.

(E) PARKING TYPICALLY PROHIBITED ON BOTH SIDES OF ROAD. IF PARKING IS ALLOWED ON ONE SIDE OF ROAD, PAVEMENT WIDTH SHALL BE 30' MIN.

NOT TO SCALE

APPROVED BY

TOWN ENGINEER

DATE

NOVEMBER 2010

HILLSIDE LOCAL STREET TYPICAL SECTION

STD. PLAN NO.

ST-204

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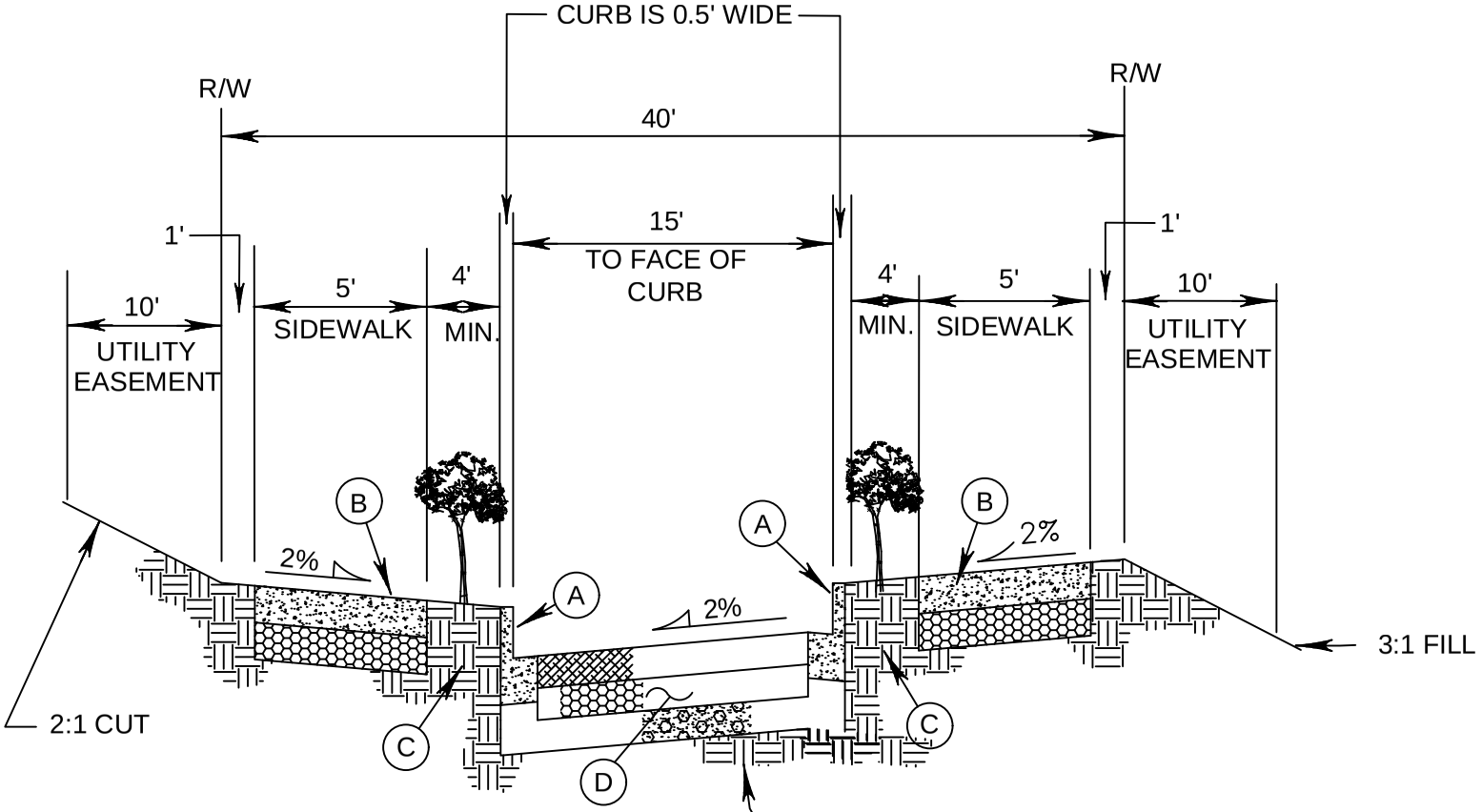
APPROVED BY

TOWN ENGINEER

DATE

NOVEMBER 2010



NOTES:

(A) CONCRETE CURB AND GUTTER. SEE STD PLAN 210.

(B) CONCRETE SIDEWALK. SEE STD PLAN 216.

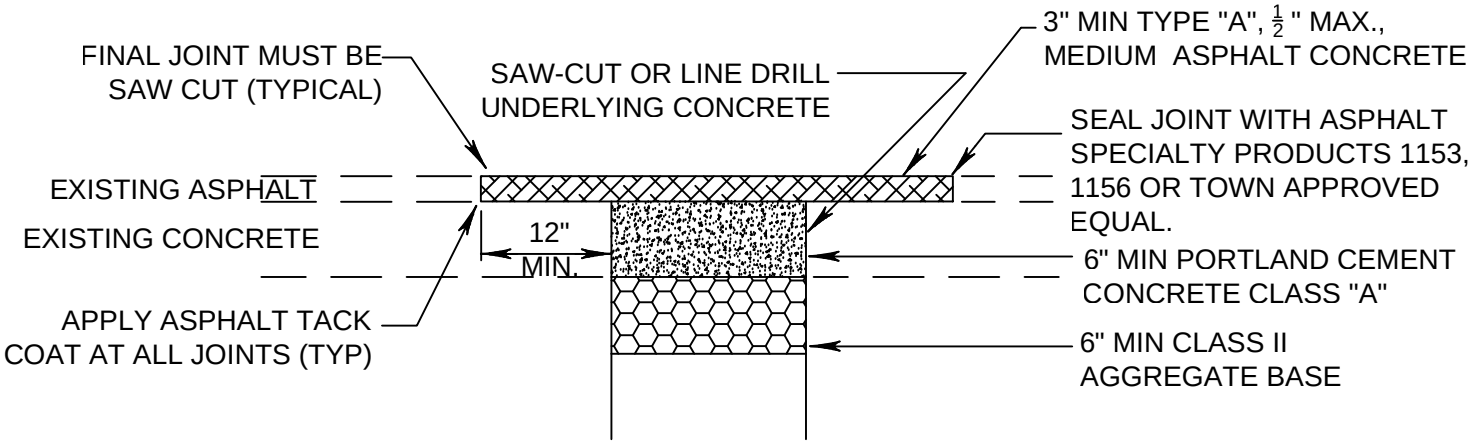
(C) FOR PLANTER DETAIL
SEE STD PLAN 217.

NOT TO SCALE

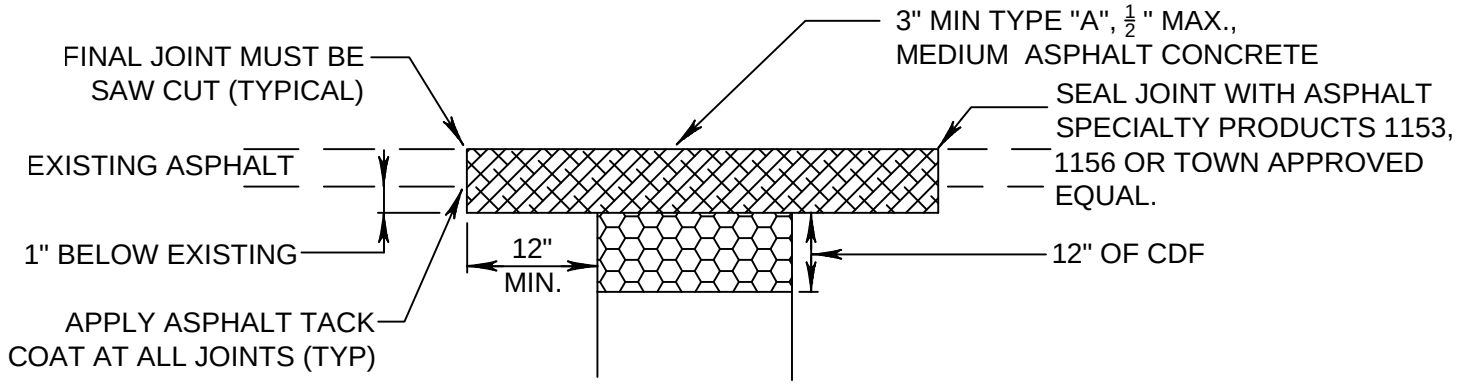
ONE WAY STREET
TYPICAL SECTION

STD. PLAN NO.

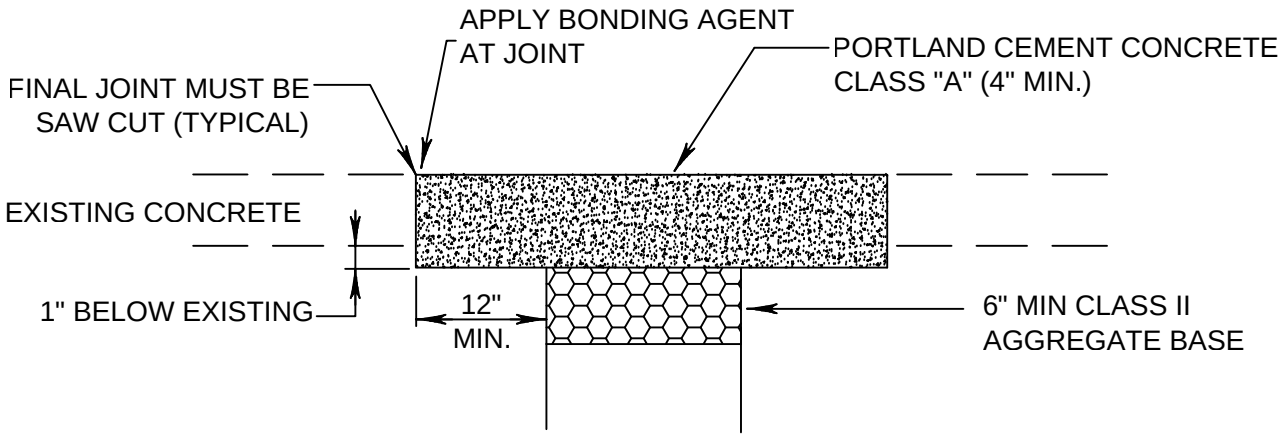
ST-205



EXISTING ASPHALT CONCRETE OVER CEMENT CONCRETE



EXISTING ASPHALT CONCRETE OVER PREPARED GRADE



EXISTING CEMENT CONCRETE OVER PREPARED GRADE

NOTES:

NOT TO SCALE

1 ALL TRENCHES IN ROADWAY AREAS SHALL BE BACKFILLED AND PATCHED WITH TEMPORARY ASPHALT AT THE END OF EACH WORK DAY, UNLESS PERMISSION IS GRANTED TO DO OTHERWISE BY THE TOWN ENGINEER.

2 ALL TEMPORARY PATCHES ON TRENCHES SHALL BE PERMANENTLY PATCHED WITHIN 7 WORKING DAYS OF COMPLETION OF WORK WITHIN THE ROADWAY AREA.

3 SEE SECTION 2, FOR COMPACTION REQUIREMENTS

4 EXCEPT WHERE GALVANIZED PIPES IS USED, THE BACKFILL SHALL BE EITHER A SAND SLURRY (2 SACK MIX), BE CERTIFIED BY A TEST TO BE 95% COMPACTED OR THE CONTRACTOR UTILITY PROVIDE AND IS ON HAND DURING THE RESTORATION.

APPROVED BY	DATE		PAVEMENT PATCHING DETAILS	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-207
TOWN ENGINEER				

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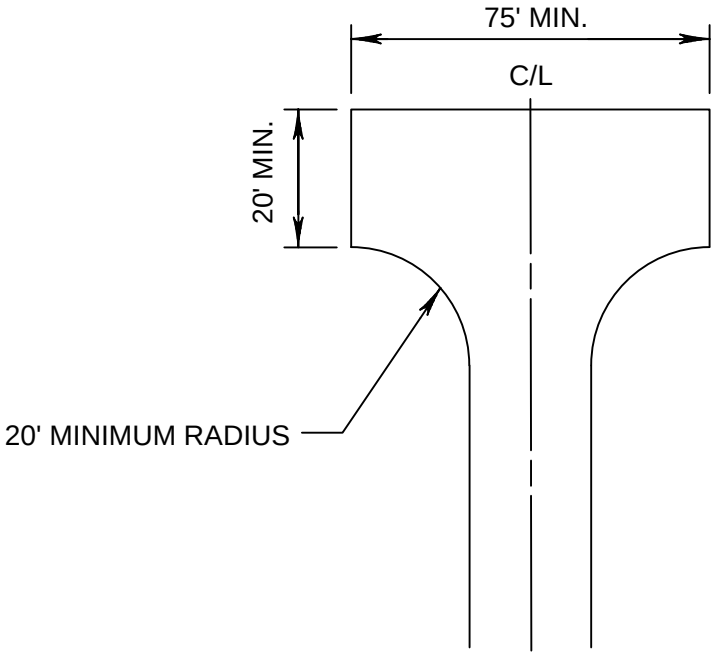
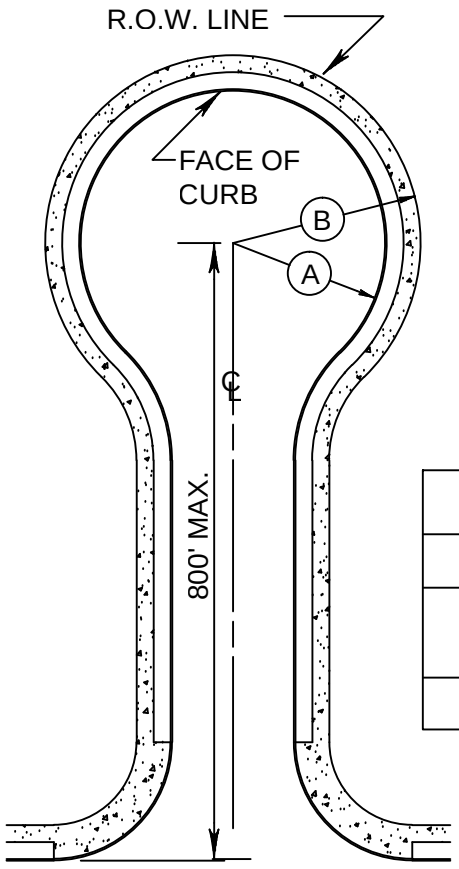


HAMMERHEAD



NOTE:

1. PARKING SHALL BE PROHIBITED ON ALL HILLSIDE TURNAROUNDS.

ROAD TYPE	(A)	(B)
RESIDENTIAL ST.	32'	42'
COMMERCIAL/ INDUSTRIAL ST.	55'	65'
HILLSIDE	26'	32'

CUL-DE-SAC

APPROVED BY	DATE		STREET END OPTIONS AND TURNING CIRCLES	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-208
TOWN ENGINEER				

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APPROVED BY

TOWN ENGINEER

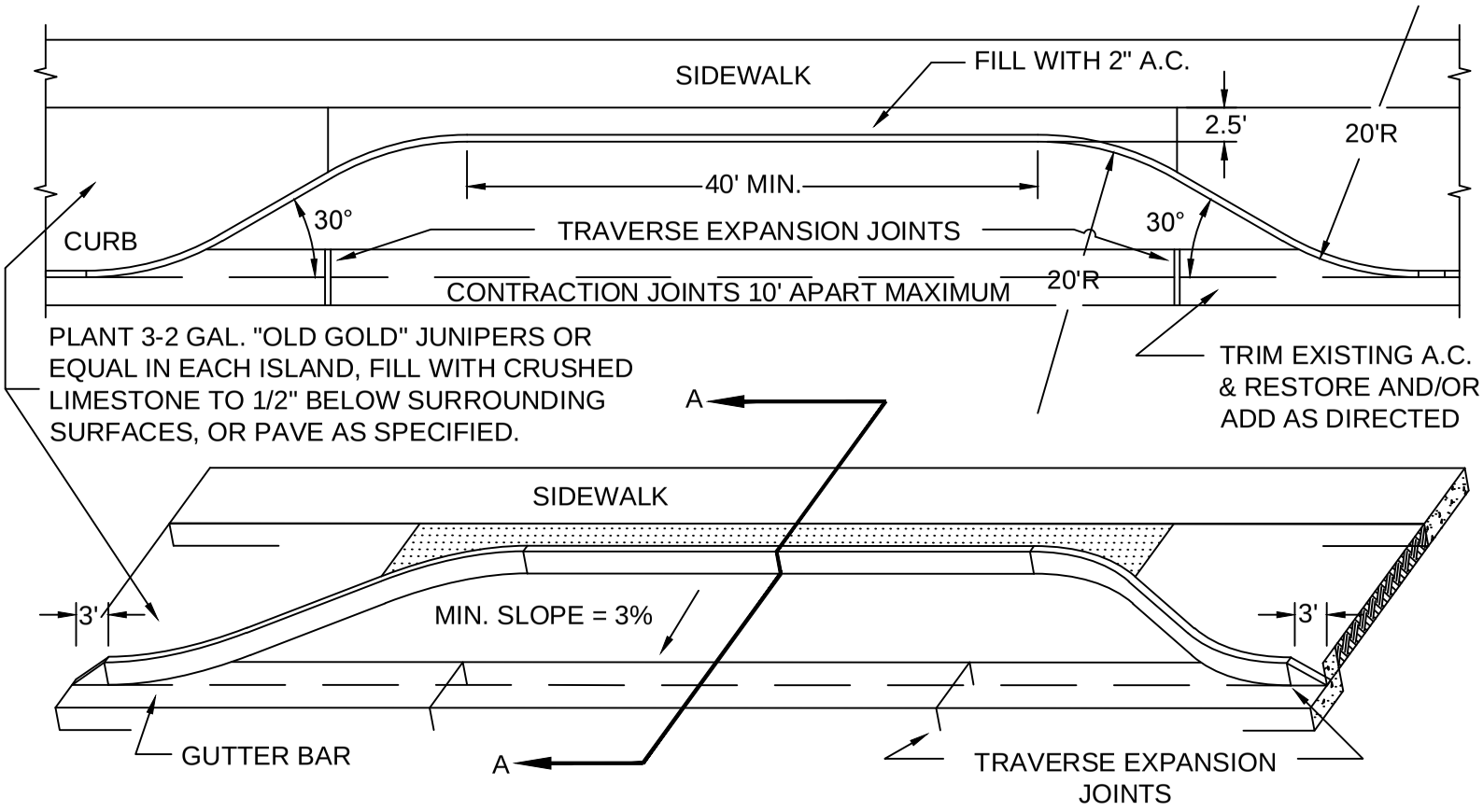
DATE

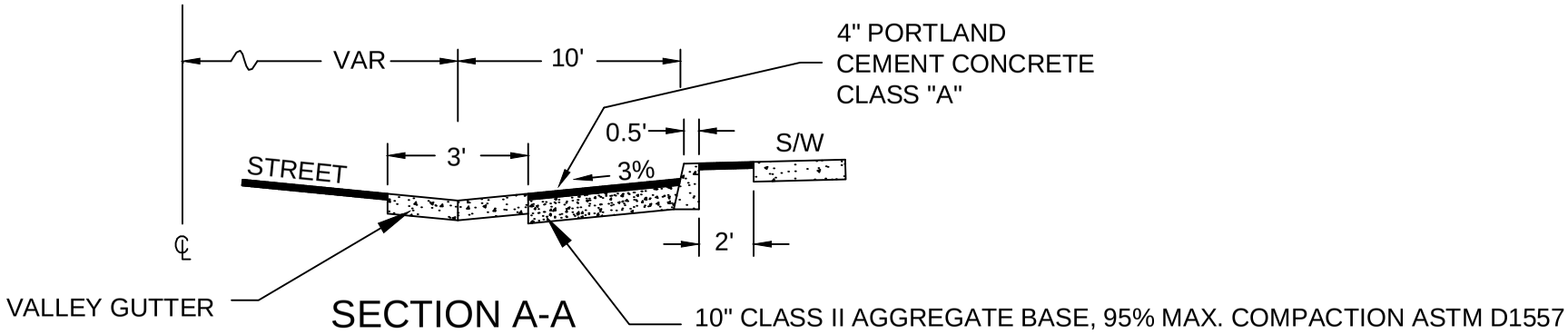
NOVEMBER 2010

BUS TURNOUT DETAIL

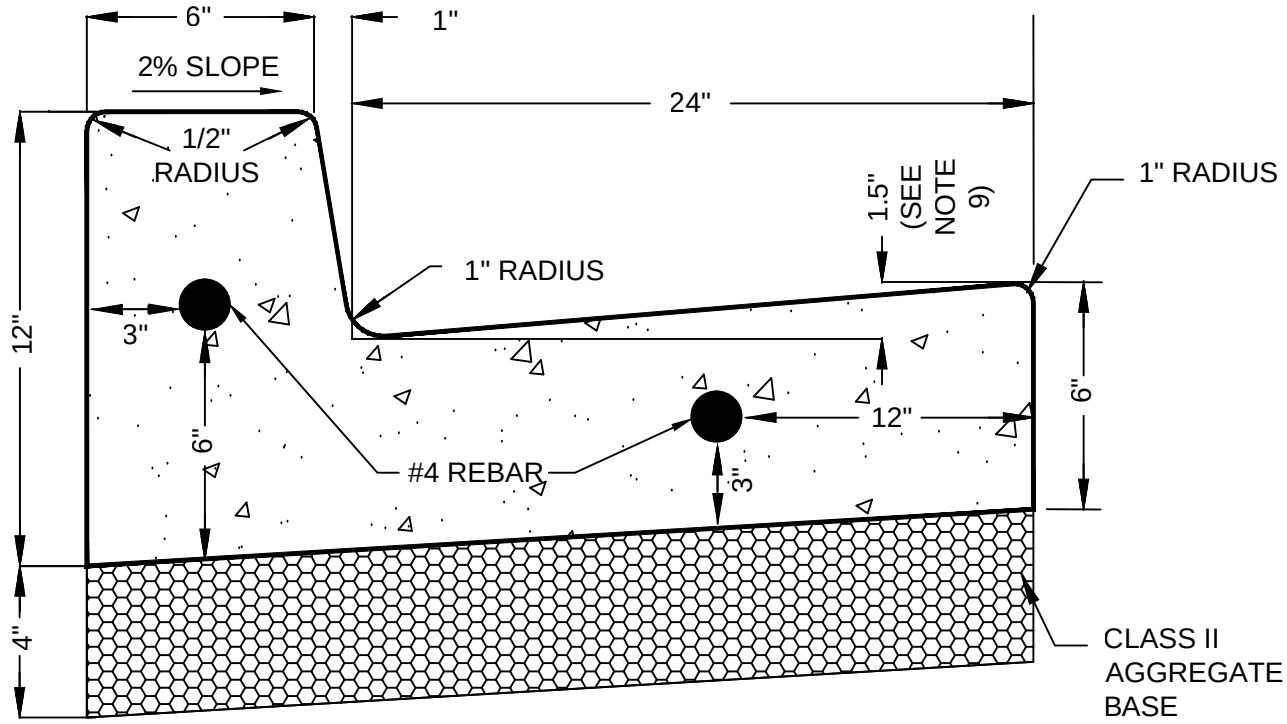
STD. PLAN NO.

ST-209





NOT TO SCALE



NOTES:

1. ALL RADII LESS THAN 100' SHALL USE FLEXIBLE WOOD OR METAL FORMS TO ELIMINATE ANGULAR POINTS AT 10' SECTION POINTS.
2. SAWCUT AND REMOVE 20 IN. (MIN.) STREET SECTION FOR CURB AND GUTTER INSTALLATION ON EXISTING STREETS.
3. 3/4" EXPANSION JOINTS TO BE PLACED AT DRIVEWAY SECTIONS, CURB RETURNS, CURB RAMPS & COLD JOINTS OR A MAX. OF 30' C/C. EXPANSION JOINTS SHALL PROTRUDE 1" BELOW THE BOTTOM OF GUTTER
4. THRU JOINTS SHALL BE PLACED ADJACENT TO CATCH BASINS, INLETS AT POINTS OF TANGENCY ON STREETS, AND AT ALLEY AND DRIVEWAY RETURNS. MAXIMUM SPACING SHALL BE 30' PRE-MOLDED JOINT FILLER, SHALL BE 1/2" WIDE AND CONFORM TO AASHTO DESIGN M213. DUMMY JOINTS SHALL BE PLACED EVERY 10'.
5. FINISHED WORK SHALL NOT VARY MORE THAN 1/8" IN GRADE AND 1/4" IN ALIGNMENT.
6. THE FINISHED CURB SHALL IMMEDIATELY BE SPRAYED WITH A TRANSPARENT CURING COMPOUND. CURB SHALL BE COVERED BY WATERPROOF PAPER OR PLASTIC MEMBRANE IN THE EVENT OF RAIN OR OTHER UNSUITABLE WEATHER. CURING TIME SHALL BE A MINIMUM OF 72 HOURS.
7. ALL CURB AND GUTTER SHALL BE PLACED ON A MIN. OF 4" AGGREGATE BASE CLASS II 95% MAX. COMPACTION ASTM D1557
8. #4 REBAR SHALL BE EXTENDED ALONG LENGTH OF THE CURB AND GUTTER
9. GUTTER PAN SLOPE SHALL NOT EXCEED 5% SLOPE AT PEDESTRIAN CURB RAMP ENTRY LOCATIONS. CONTRACTOR SHALL USE 1.2" (MAX) BETWEEN LIP OF GUTTER AND FLOWLINE AT THESE LOCATIONS.
10. ALL CONCRETE SHALL INCLUDE ONE (1) POUND OF LAMP BLACK PER CUBIC YARD OF CONCRETE.
11. ALL CURB AND GUTTER SHALL HAVE 2 #4 REBARS THE ENTIRE LENGTH AND EMBEDDED ON BOTH ENDS USING DOWELS (ONE DOWEL IN THE CENTER OF THE GUTTER, ONE DOWEL IN THE CENTER OF THE CURB.)

NOT TO SCALE

APPROVED BY	DATE		CONCRETE CURB AND GUTTER	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-210
TOWN ENGINEER				

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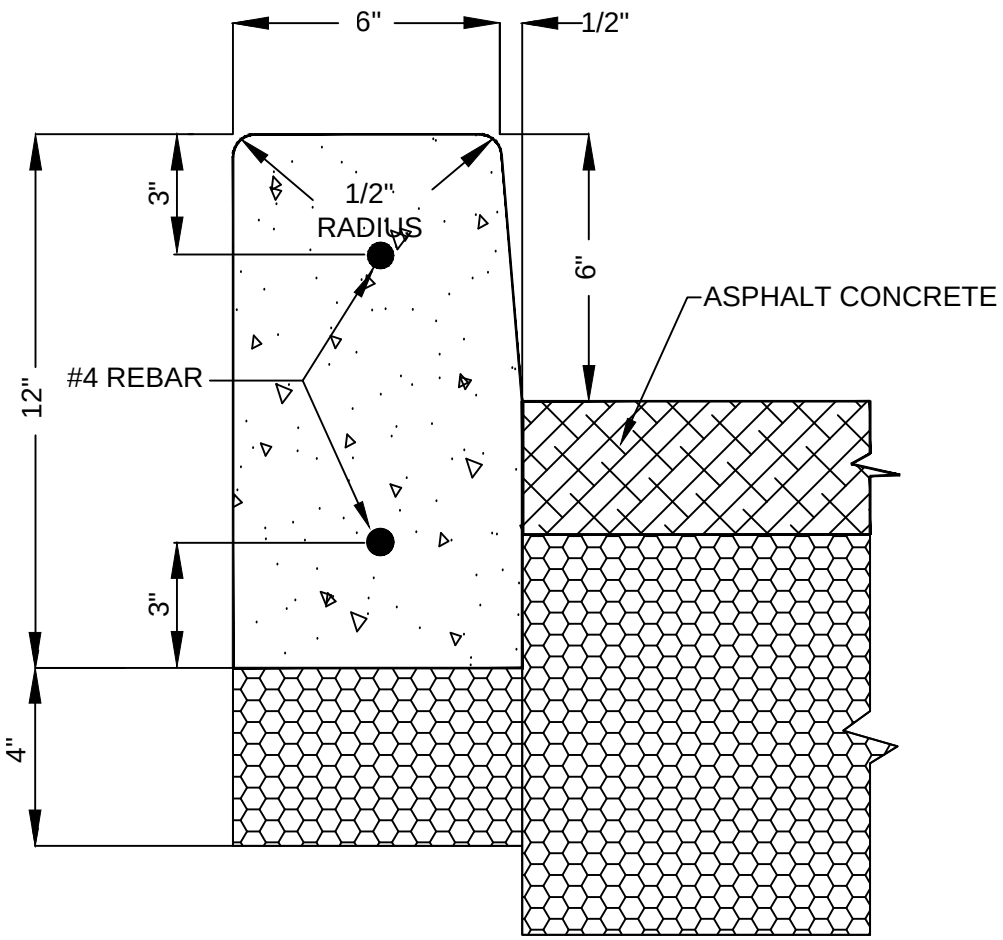

NOTES:

1. THE CONSTRUCTION NOTES OF STD. PLAN 210 APPLY TO CONCRETE VERTICAL CURB.

NOT TO SCALE

APPROVED BY	DATE		CONCRETE VERTICAL CURB	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-211
TOWN ENGINEER				

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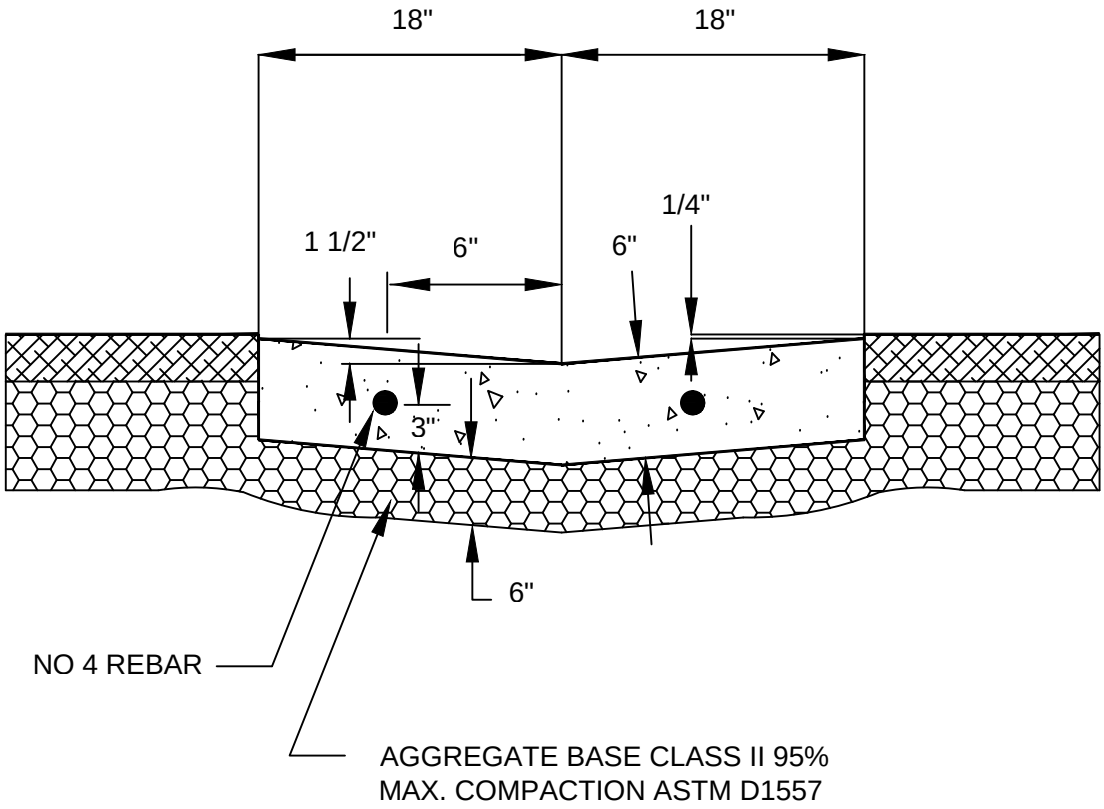

NOTES:

1. EXPANSION JOINTS WITH 1/2" x 12" SLIP.
2. DOWELS AT 20 FEET INTERVALS.
3. CONCRETE SHALL BE CLASS A.
4. ALL CONCRETE SHALL INCLUDE ONE (1) POUND OF LAMP BLACK PER CUBIC YARD OF CONCRETE.

NOT TO SCALE

APPROVED BY	DATE		CONCRETE VALLEY GUTTER	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			ST-212
TOWN ENGINEER				

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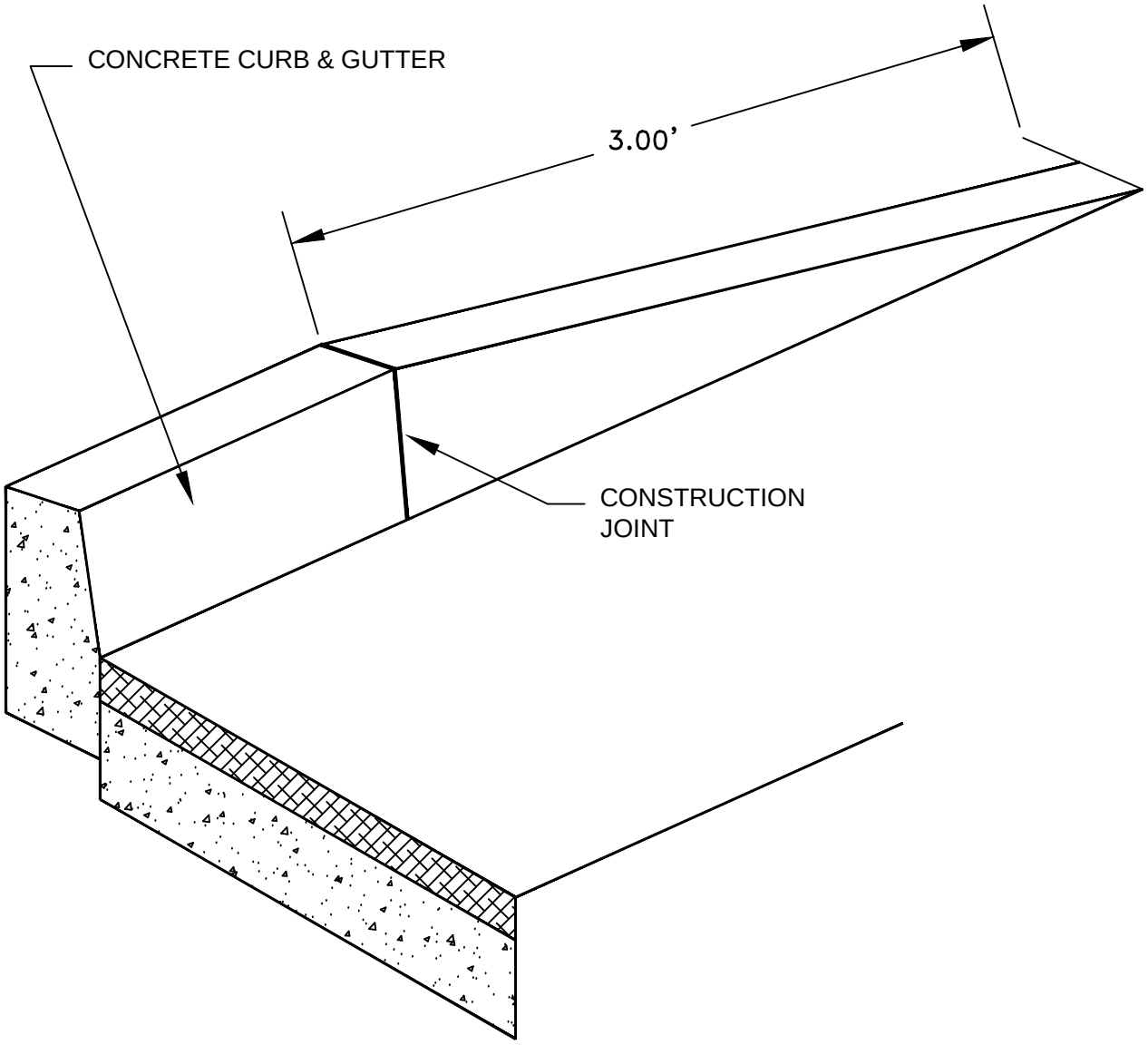

NOT TO SCALE

APPROVED BY	DATE		CONCRETE CURB TAPER	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-213
TOWN ENGINEER				

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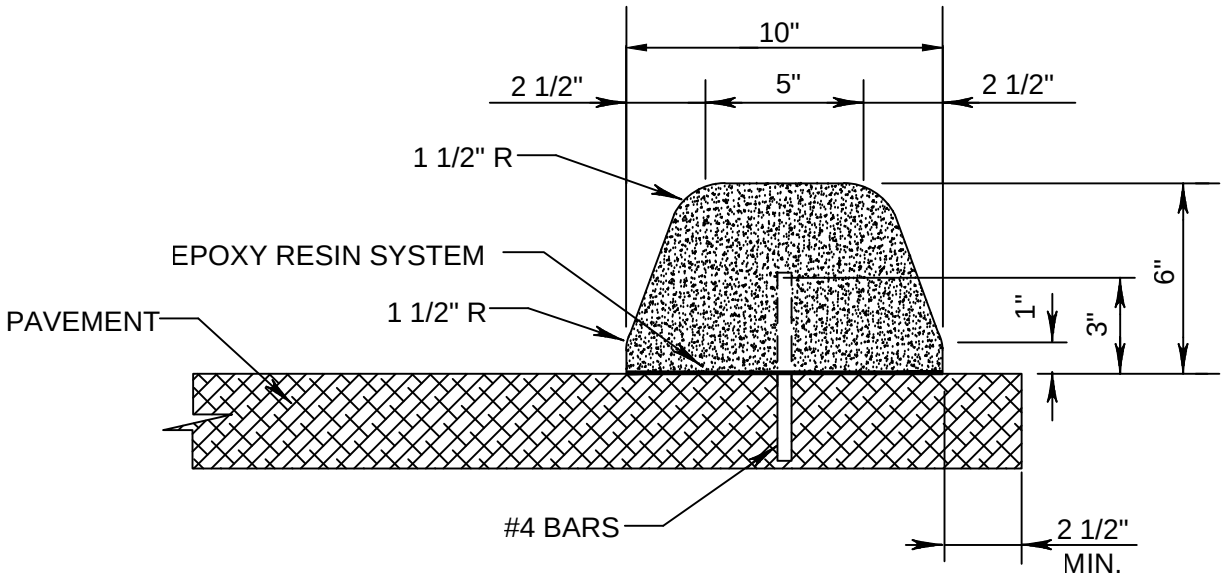
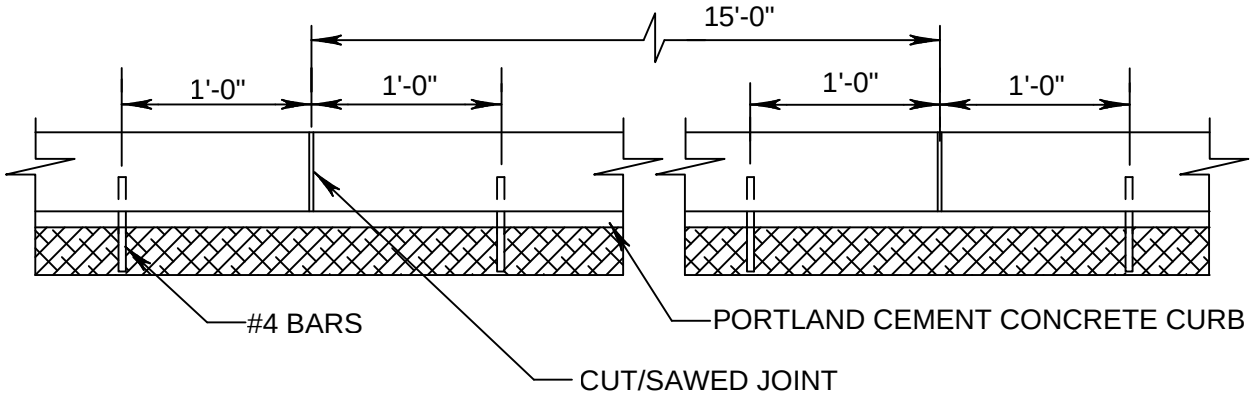


EXTRUDED CONCRETE CURB



SPACING OF ANCHOR BARS

NOTES:

1. DUMMY JOINTS SHALL BE PLACED NOT TO EXCEED 15 FT ON CENTER. THRU JOINTS SHALL BE PLACED ONLY AT POINTS OF TANGENCY ON STREET, ALLEY, AND DRIVEWAY RETURNS AND WHERE THRU JOINTS OCCUR IN THE PAVEMENT SLAB.

2. AT THE CONTRACTOR'S OPTION CONCRETE CURBS MAY BE ANCHORED TO THE EXISTING PAVEMENT EITHER BY PLACING STEEL TIE BARS 1 FOOT ON EACH SIDE OF EVERY JOINT, OR BY USING AN ADHESIVE.

NOT TO SCALE

APPROVED BY	DATE		CONCRETE EXTRUDED CURB	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			ST-214
TOWN ENGINEER				

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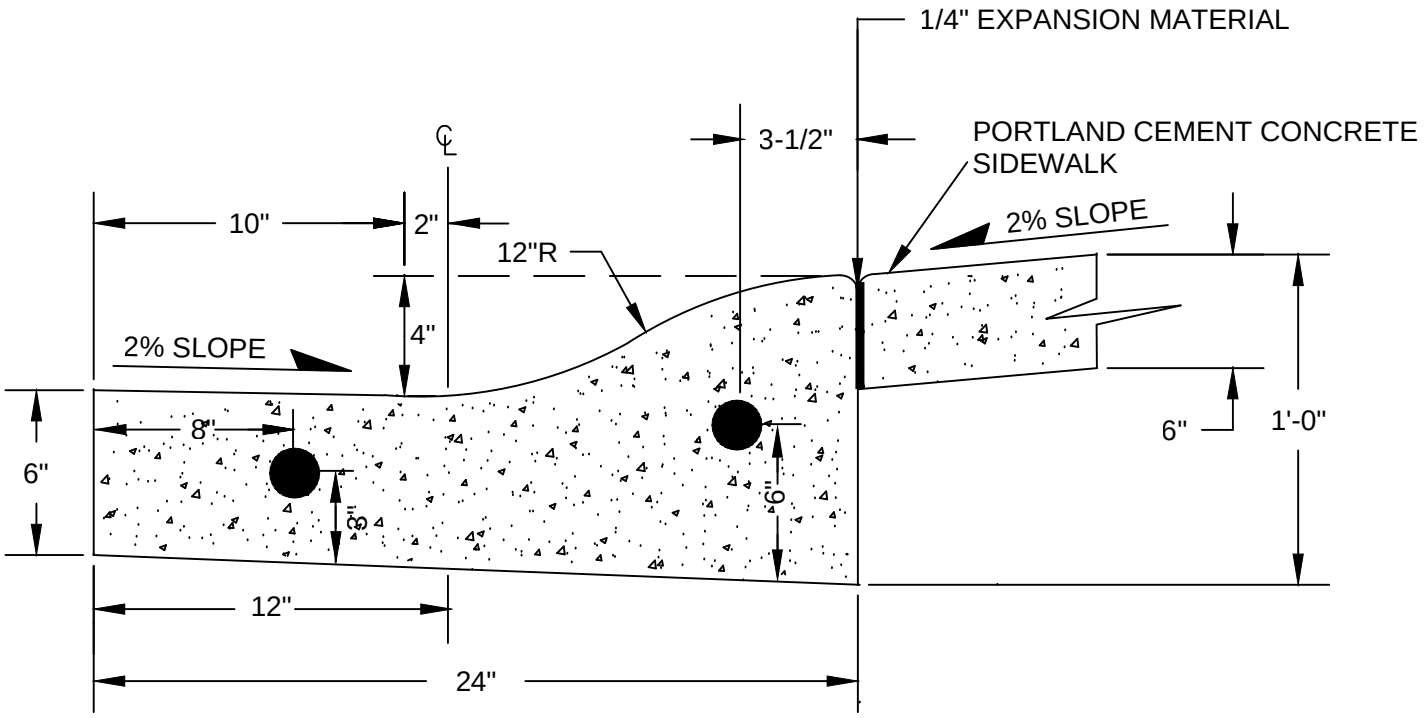

NOTES:

1. CONTRACTION JOINTS OF ONE OF THESE TYPES SHOWN ABOVE TO BE PLACED 10' C/C. COMPLETELY SEVER THE STRUCTURE TO THE POINTS SHOWN. JOINTS MAY BE MADE BY INSERTING MIN. 3/16" BITUMINOUS FILLER DUMMY JOINTS. JOINTS SHALL BE CLEANED AND EDGED.

2. FINISHED WORK SHALL NOT VARY MORE THAN 1/8 " IN GRADE AND 1/4" IN ALIGNMENT.

3. EXPOSED SURFACES SHALL BE LIGHT BROOM FINISH.

4. SIDEWALKS BEHIND ROLLED CURBS SHALL BE A MINIMUM OF 6" THICK.

5. CONCRETE SHALL INCLUDE ONE (1) POUND OF LAMP BLACK PER CUBIC YARD OF CONCRETE.

6. #4 REBAR SHALL BE EXTENDED ALONG LENGTH OF GUTTER.

NOT TO SCALE

APPROVED BY	DATE		CONCRETE ROLLED CURB	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-215
TOWN ENGINEER				

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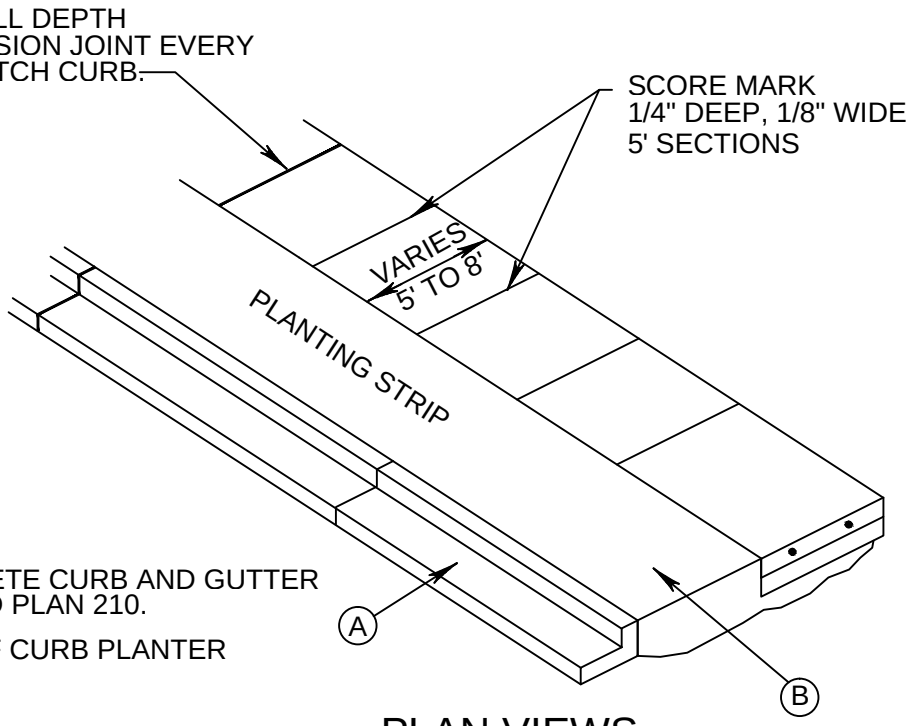
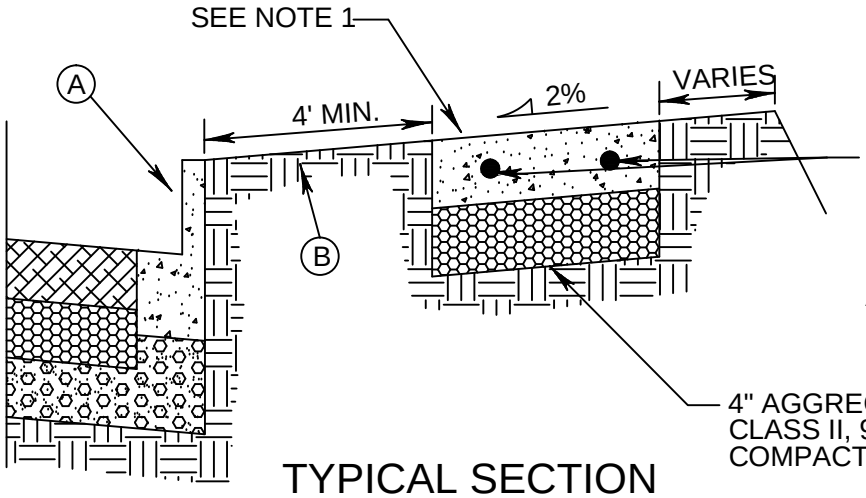


(A) CONCRETE CURB AND GUTTER SEE STD PLAN 210.

(B) BACK OF CURB PLANTER

PLAN VIEWS



TYPICAL SECTION

NOTES:

1. SIDEWALKS SHALL BE A MINIMUM OF 4" THICK, AND SHALL BE CLASS A PORTLAND CEMENT CONCRETE.
2. FULL EXPANSION JOINTS SHALL BE PLACED TO MATCH THOSE PLACED IN ADJACENT CURB & GUTTER, WITH MAXIMUM SPACING OF 30 FEET.
3. SUBGRADE SHALL HAVE 95% MAXIMUM COMPACTION ASTM D1557
4. SIDEWALK SHALL BE AT LEAST 6" THICK BEHIND RESIDENTIAL DRIVEWAYS AND BEHIND ROLL-CURB AND 8" THICK BEHIND COMMERCIAL DRIVEWAYS.
5. THE FINISHED SIDEWALK SHALL BE SPRAYED WITH A TRANSPARENT CURING COMPOUND COVERED BY WATERPROOF PAPER OR PLASTIC SHEETING IN THE EVENT OF RAIN OR OTHER INCLEMENT WEATHER. CURING TIME SHALL BE FOR A MINIMUM OF 72 HOURS.
6. ALL JOINTS SHALL BE CLEANED AND EDGED WITH AN EDGER HAVING A 1/4" RADIUS.
7. SIDEWALK AND PLANTER STRIP WIDTHS SHALL CONFORM TO DIMENSIONS SHOWN IN APPROPRIATE STREET CROSS SECTION DETAIL.
8. THE WIDTH OF SIDEWALKS DIRECTLY BEHIND CURB WITHOUT PLANTER SHALL BE A MIN. OF 5' FROM BACK OF CURB.
9. CONCRETE SHALL INCLUDE ONE (1) POUND OF LAMP BLACK PER CUBIC YARD OF CONCRETE.
10. EXPOSED SURFACES SHALL BE A LIGHT BROOM FINISH.

NOT TO SCALE

APPROVED BY	DATE		CONCRETE SIDEWALK	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-216
TOWN ENGINEER				

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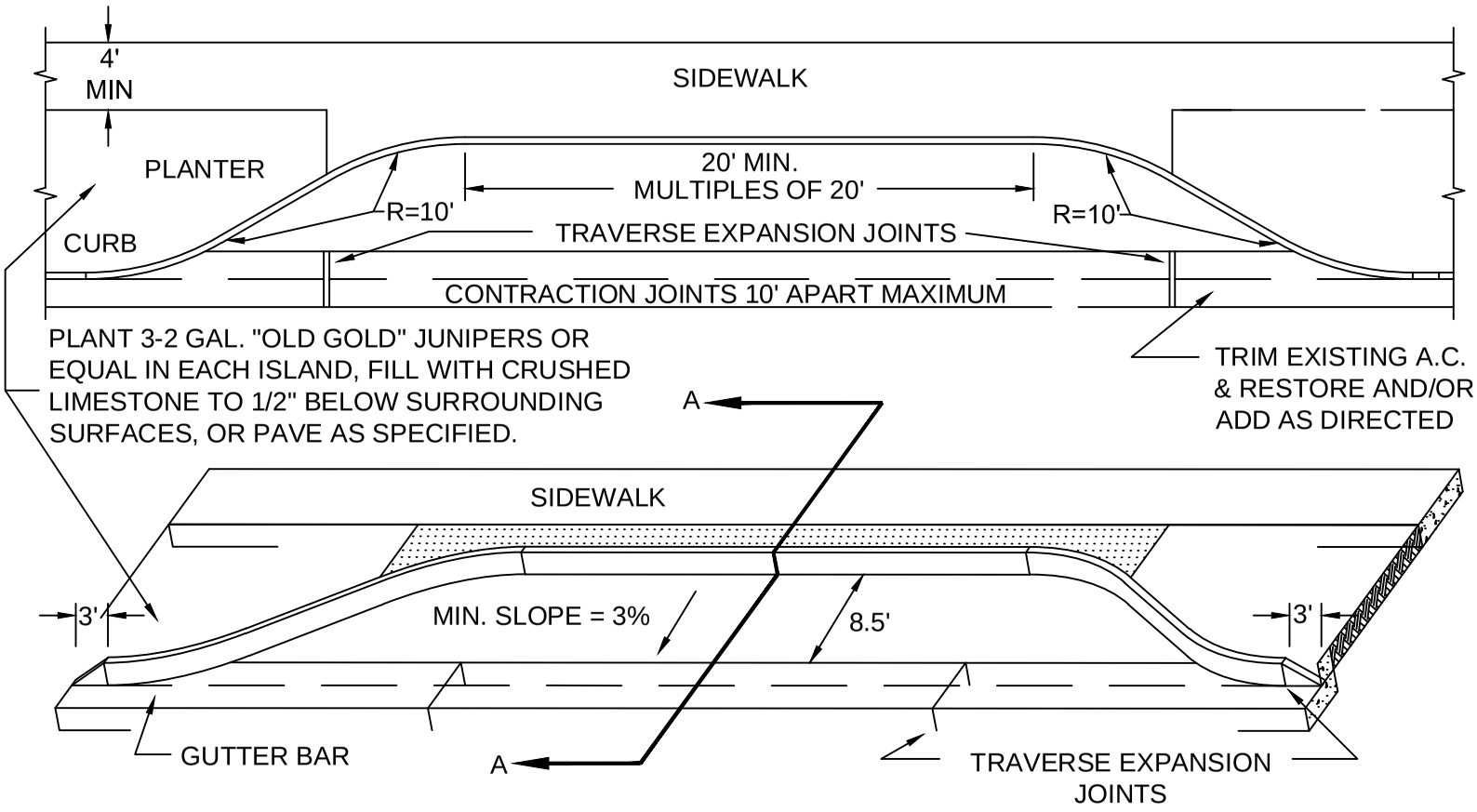
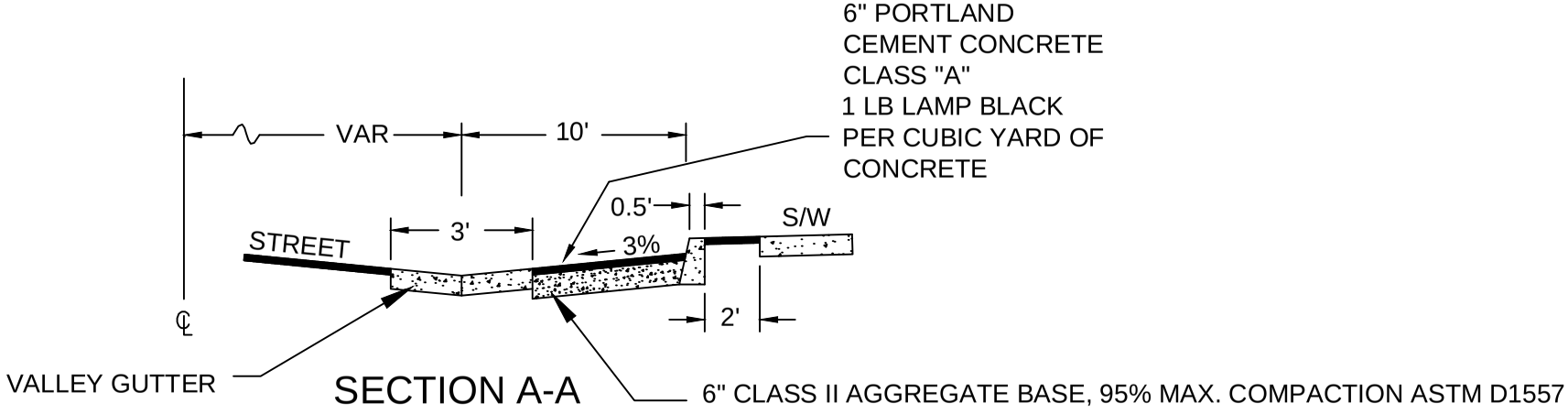




NOT TO SCALE

APPROVED BY

TOWN ENGINEER

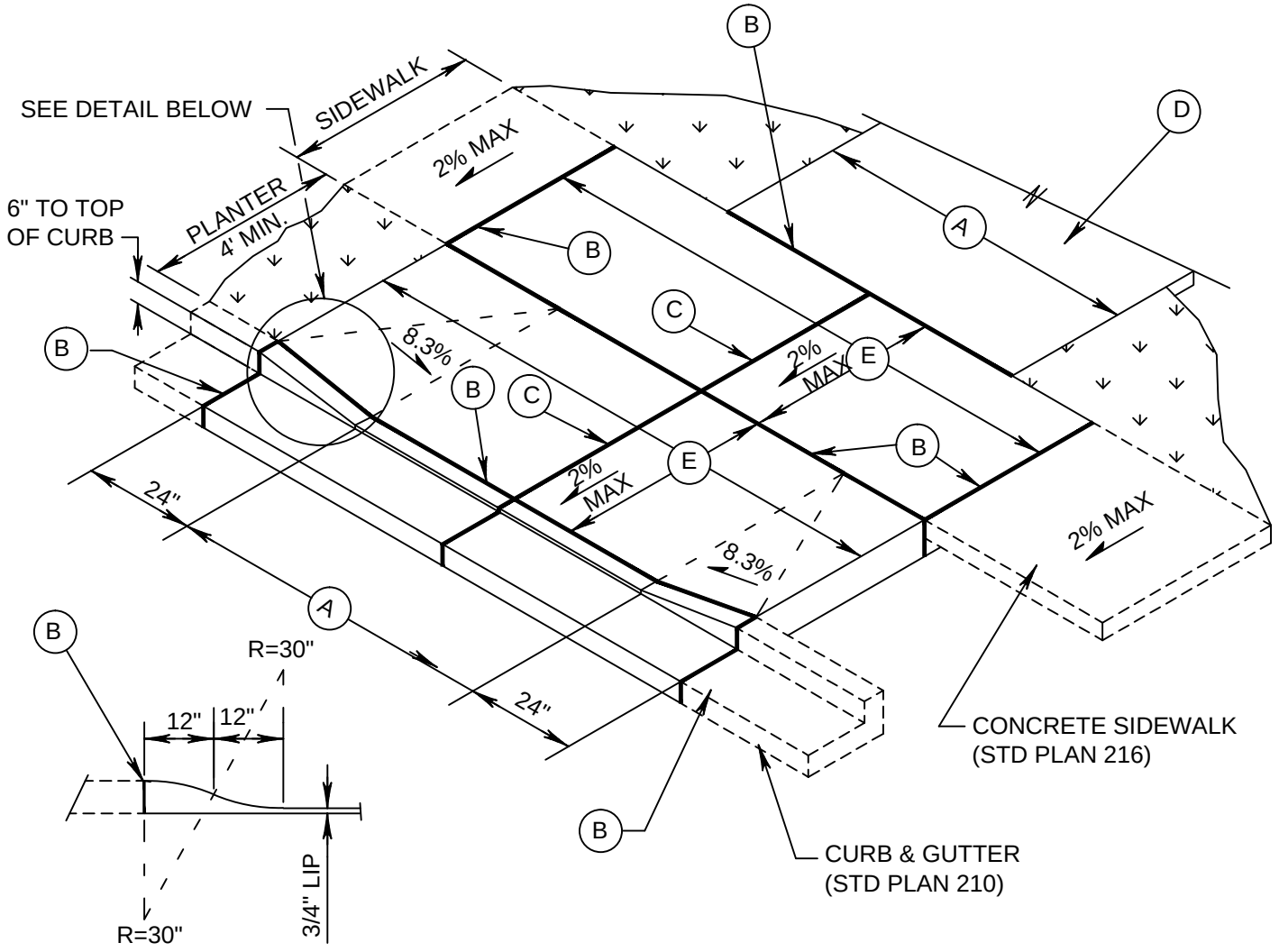
DATE

NOVEMBER 2010

PARKING BAY DETAIL

STD. PLAN NO.

ST-217



CURB TRANSITION DETAIL

(A) EQUALS WIDTH OF DRIVEWAY AT PROPERTY LINE, (14' MIN. - 30' MAX. RESIDENTIAL & 25' MIN.-30' MAX. COMMERCIAL)

(B) 1/2" WIDE FULL DEPTH EXPANSION JOINT.

(C) FULL DEPTH EXPANSION JOINT IF (A) IS 15' OR GREATER.

(D) DRIVEWAY TO BE SURFACED WITH ASPHALT OR CONCRETE.

(E) DRIVEWAY CONCRETE SHALL BE A MIN. OF 6" THICK FOR RESIDENTIAL & 8" THICK FOR COMMERCIAL & IS TO BE PLACED ON A MIN. OF 4" CLASS II AGGREGATE BASE 95% MAX. COMPACTION ASTM D1557, OVER COMPACTED SUBGRADE.

(F) ALL CONCRETE SHALL BE CLASS A, PER CALTRANS SPECIFICATIONS, WITH 1 LB. (MIN.) LAMP BLACK PER CUBIC YARD.

(G) SAWCUT & REMOVE 20 FT. (MIN.) STREET SECTION FOR DRIVEWAY INSTALLATION IN EXISTING STREETS.

(H) ALL WORK SHALL CONFORM TO CURRENT ADA REQUIREMENTS.

NOT TO SCALE

APPROVED BY	DATE		CONCRETE DRIVEWAY WITH PLANTER	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-218
TOWN ENGINEER				

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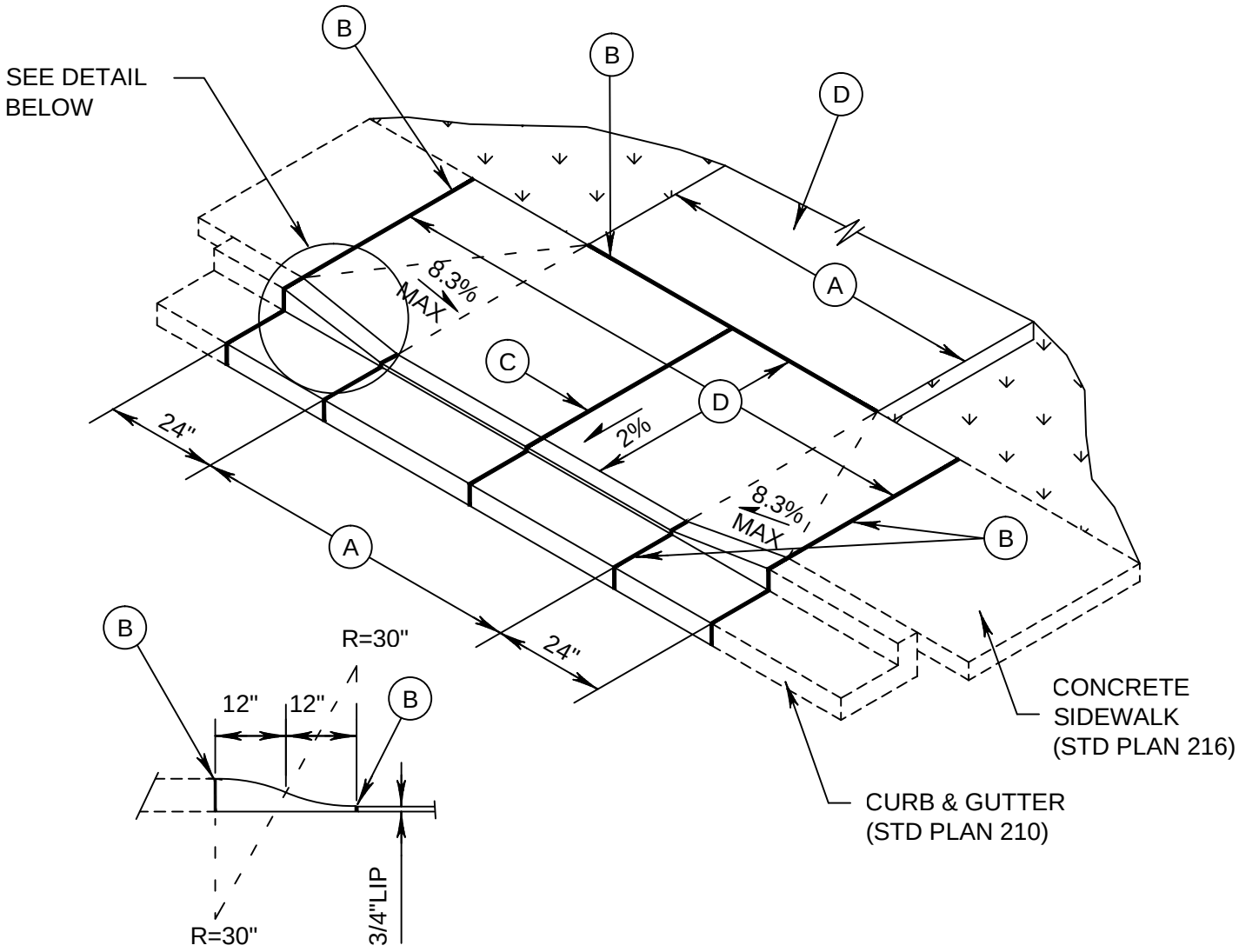


CURB TRANSITION DETAIL

(A) EQUALS WIDTH OF DRIVEWAY AT PROPERTY LINE. MINIMUM WIDTH = 14'.

(B) 1/2" WIDE FULL DEPTH EXPANSION JOINT.

(C) FULL DEPTH EXPANSION JOINT IF (A) IS 15' OR GREATER.

(D) DRIVEWAY TO BE SURFACED WITH ASPHALT OR CONCRETE.

(E) DRIVEWAY CONCRETE SHALL BE A MIN. OF 6" THICK FOR RESIDENTIAL AND 8" THICK FOR COMMERCIAL AND IS TO BE PLACED ON A MINIMUM OF 6" CLASS II AGGREGATE BASE 95% MAXIMUM COMPACTION ASTM D1557, OVER COMPACTED SUBGRADE.

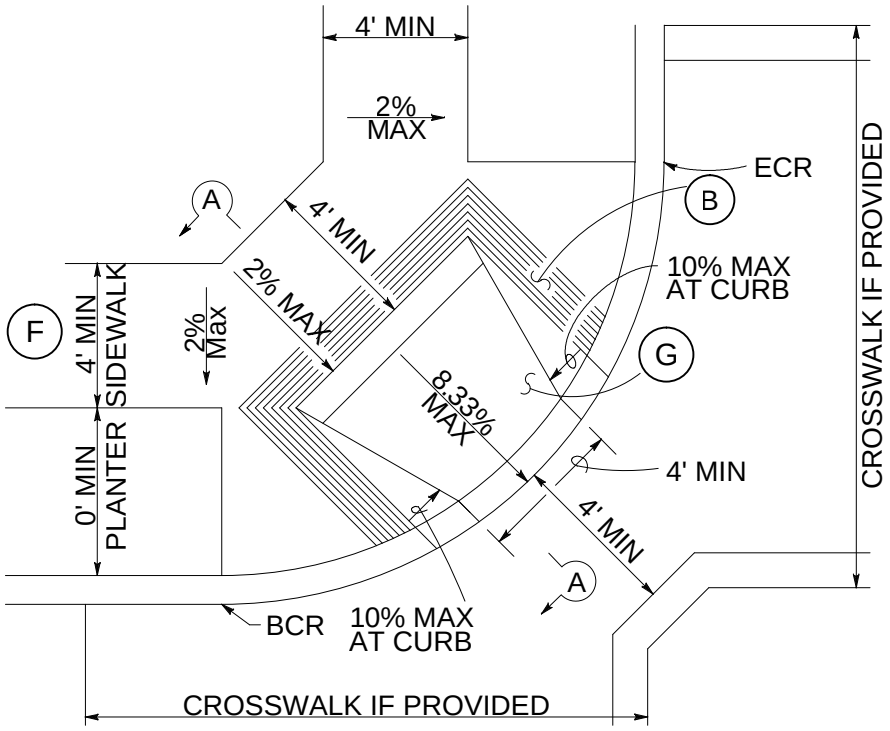
(F) ALL CONCRETE SHALL BE CLASS A, PER CALTRANS SPECS, WITH 1 LB. (MIN.) LAMP BLACK PER CUBIC YARD.

(G) ALL WORK SHALL COMFORM TO CURRENT ADA REQUIREMENTS.

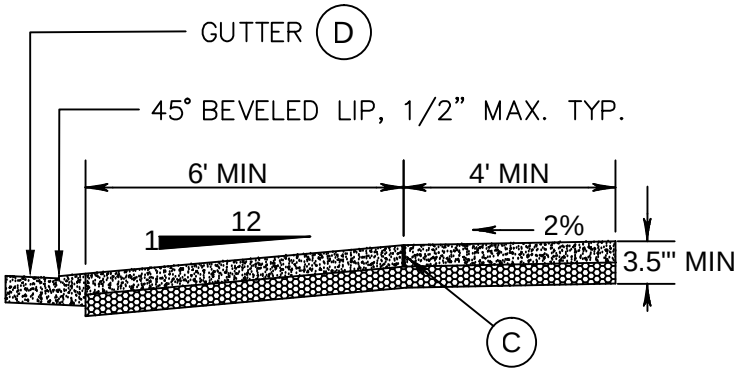
NOT TO SCALE

APPROVED BY	DATE		CONCRETE DRIVEWAY WITHOUT PLANTER	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-219
TOWN ENGINEER				

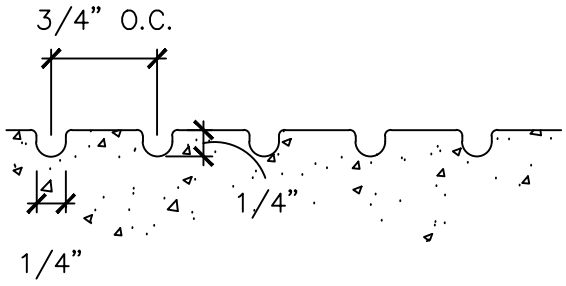
T:\GIS\PPW\TLG GENERAL\Standard Details\ST-219.dwg



PLAN



SECTION A-A



TACTILE WARNING BAND (SECTION)
N.T.S.

Ⓐ ALL CURB RAMPS SHALL COMPLY WITH THE CURRENT AMERICAN DISABILTIES ACT.

Ⓑ INSTALL 12" TACTILE WARNING BAND AROUND THE RAMP PERIMETER.

Ⓒ 3/8" EXPANSION JOINT.

Ⓓ CONCRETE CURB AND GUTTER, SEE STD. DETAIL 210.

Ⓔ CURB RAMPS SHALL NOT BE POURED INTEGRAL WITH SIDEWALK AND SHALL BE ISOLATED BY EXPANSION JOINT MATERIAL ON ALL SIDES, BUT NOT AT END OF RAMP ADJACENT TO ROADWAY. CURB & GUTTER ARE TO BE INTEGRAL WITH RAMP.

Ⓕ CONCRETE SIDEWALK, SEE STD. PLAN 216.

Ⓖ EXPOSED SURFACES SHALL BE A MEDIUM BROOM FINISH. CURB RAMPS EXHIBITING A RUNNING SURFACE SLOPE FROM 5% TO 6.67% ARE REQUIRED TO HAVE A TRUNCATED DOME DETECTABLE WARNING SURFACE OVER THE FULL WIDTH AND DEPTH OF THE RAMP.

Ⓗ MAXIMUM SLOPES OF ADJOINING GUTTERS, THE ROAD SURFACE IMMDIATELY ADJACENT TO THE CURB RAMP AND CONTINUOUS PASSAGE TO THE CURB RAMP SHALL NOT EXCEED 5% WITHIN 4' OF THE TOP OR BOTTOM OF THE CURB RAMP.

NOT TO SCALE

APPROVED BY	DATE		CURB RAMP "CASE E"	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-220
TOWN ENGINEER				

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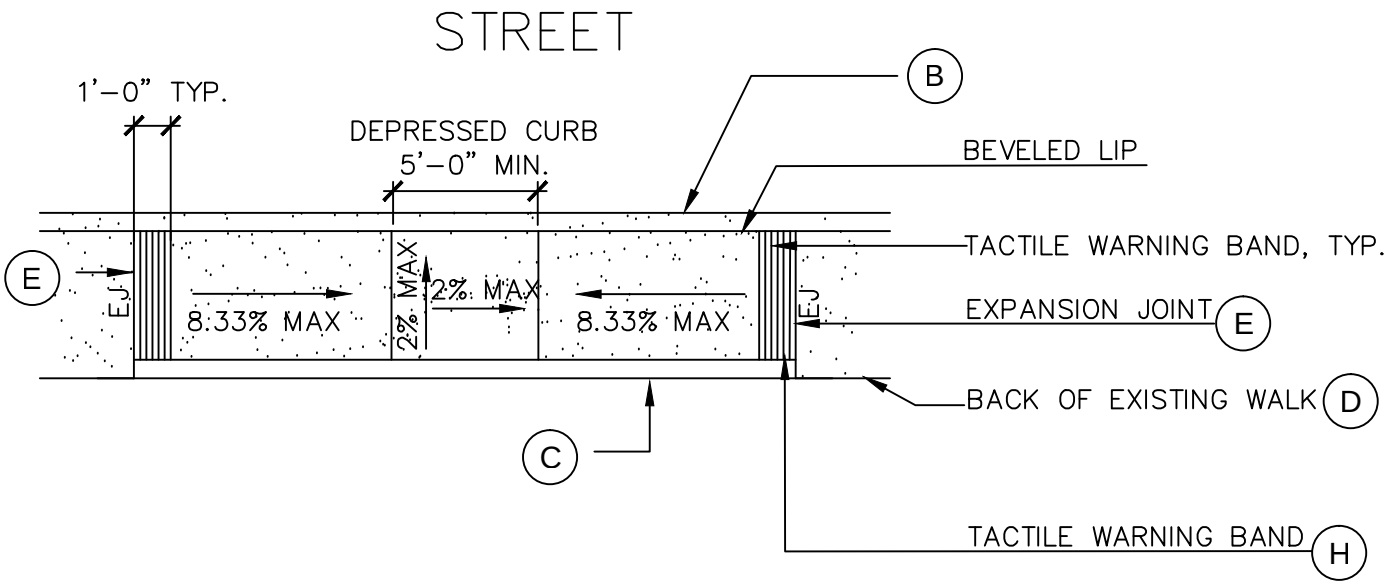
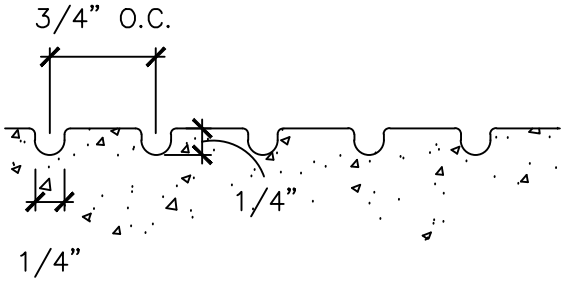
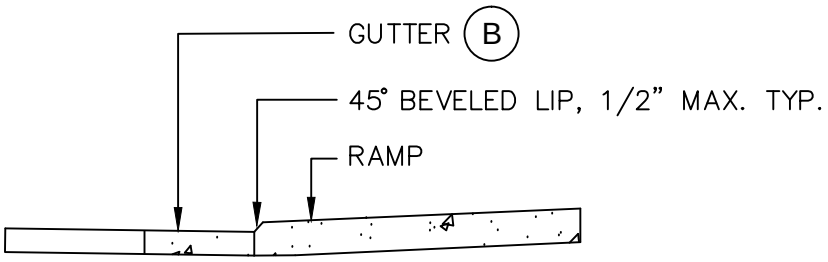




TACTILE WARNING BAND (SECTION)
N.T.S.



BEVELED LIP (SECTION)
N.T.S.

(A) ALL CURB RAMPS SHALL COMPLY WITH THE AMERICAN DISABILTIES ACT.

(B) CONCRETE CURB AND GUTTER, SEE STD. DETAIL 210.

(C) CONCRETE VERTICAL CURB, SEE STD. DETAIL 211, IF NECESSARY.

(D) CONCRETE SIDEWALK, SEE STD. DETAIL 216.

(E) 3/8" EXPANSION JOINTS.

(F) CURB RAMPS WILL NOT BE POURED INTEGRAL WITH SIDEWALK AND SHALL BE ISOLATED BY EXPANSION JOINT MATERIAL ON ALL SIDES, BUT NOT AT END OF RAMP ADJACENT TO ROADWAY.

(G) EXPOSED SURFACES SHALL BE A MEDIUM BROOM FINISH. CURB RAMPS EXHIBITING A RUNNING SURFACE SLOPE FROM 5% TO 6.67% ARE REQUIRED TO HAVE A TRUNCATED DOME DETECTABLE WARNING SURFACE OVER THE FULL WIDTH AND DEPTH OF THE RAMP.

(H) INSTALL 12" TACTILE WARNING BAND AROUND THE RAMP PERIMETER.

(I) MAXIMUM SLOPES OF ADJOINING GUTTERS, THE ROAD SURFACE IMMDIATELY ADJACENT TO THE CURB RAMP AND CONTINUOUS PASSAGE TO THE CURB RAMP SHALL NOT EXCEED 5% WITHIN 4' OF THE TOP OR BOTTOM OF THE CURB RAMP.

NOT TO SCALE

APPROVED BY	DATE		CURB RAMP "CASE C"	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-221
TOWN ENGINEER				

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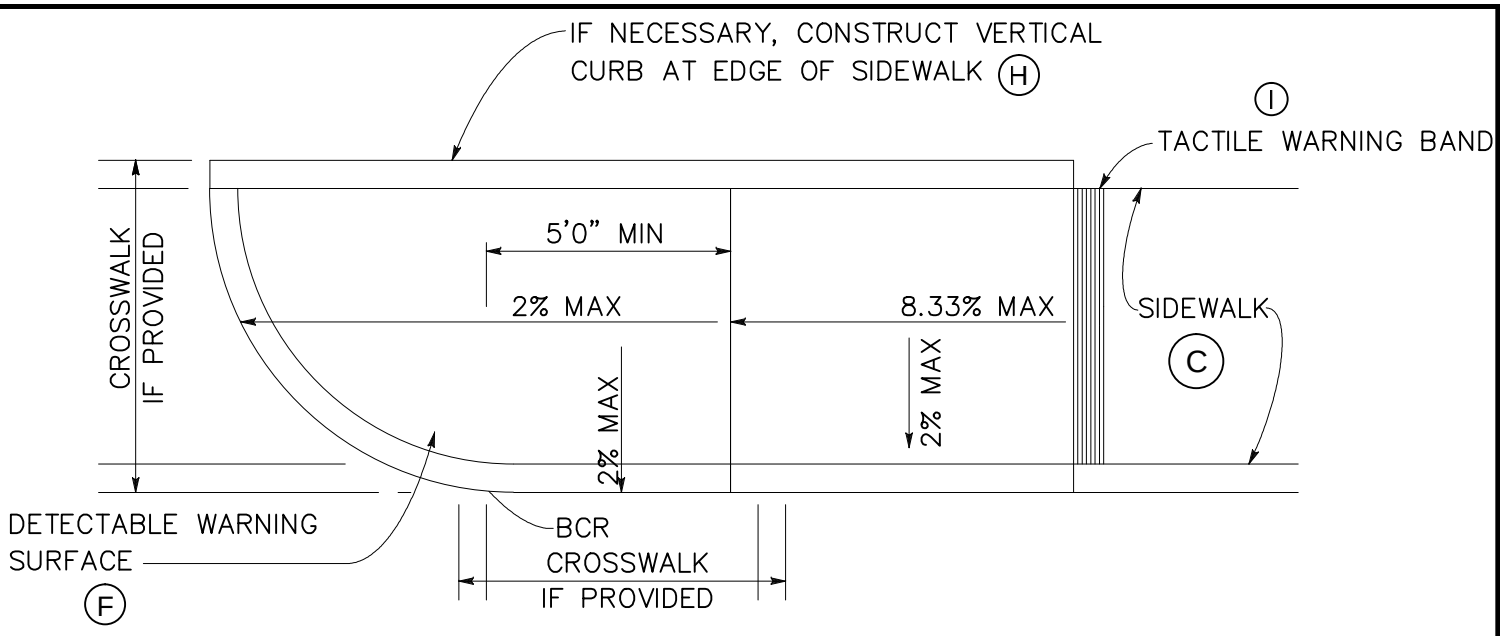
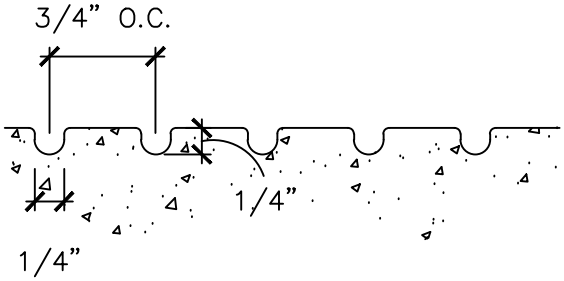
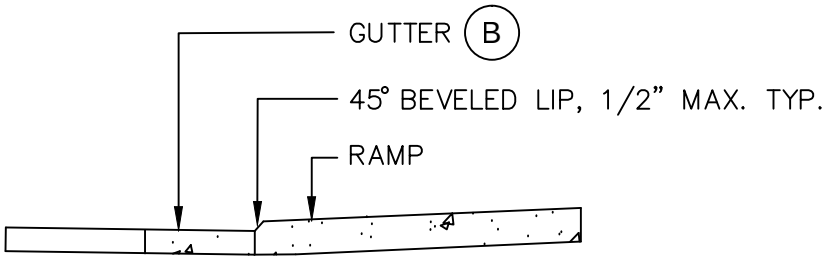


PLAN



TACTILE WARNING BAND (SECTION)
N.T.S.



BEVELED LIP (SECTION)
N.T.S.

(A) ALL CURB RAMPS SHALL COMPLY WITH THE AMERICAN DISABILTIES ACT.

(B) CONCRETE CURB AND GUTTER, SEE STD. DETAIL 210.

(C) CONCRETE SIDEWALK, SEE STD. DETAIL 216. 4'0" MIN LANDING WITH A 2% MAX SLOPE.

(D) 3/8" EXPANSION JOINTS.

(E) CURB RAMPS WILL NOT BE POURED INTEGRAL WITH SIDEWALK AND SHALL BE ISOLATED BY EXPANSION JOINT MATERIAL ON ALL SIDES, BUT NOT AT END OF RAMP ADJACENT TO ROADWAY.

(F) EXPOSED SURFACES SHALL BE A MEDIUM BROOM FINISH. CURB RAMPS EXHIBITING A RUNNING SURFACE SLOPE FROM 5% TO 6.67% ARE REQUIRED TO HAVE A TRUNCATED DOME DETECTABLE WARNING SURFACE OVER THE FULL WIDTH AND DEPTH OF THE RAMP.

(G) SAWCUT AND REMOVE 18 IN. (MIN.) STREET SECTION FOR RAMP INSTALLATION.

(H) CONCRETE VERTICAL CURB, SEE STD. DETAIL 211, IF NECESSARY.

(I) INSTALL 12" TACTILE WARNING BAND AROUND THE RAMP PERIMETER.

(J) MAXIMUM SLOPES OF ADJOINING GUTTERS, THE ROAD SURFACE IMMDIATELY ADJACENT TO THE CURB RAMP AND CONTINUOUS PASSAGE TO THE CURB RAMP SHALL NOT EXCEED 5% WITHIN 4' OF THE TOP OR BOTTOM OF THE CURB RAMP.

NOT TO SCALE

APPROVED BY	DATE			STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS	CURB RAMP "CASE CM"	ST-222
TOWN ENGINEER				

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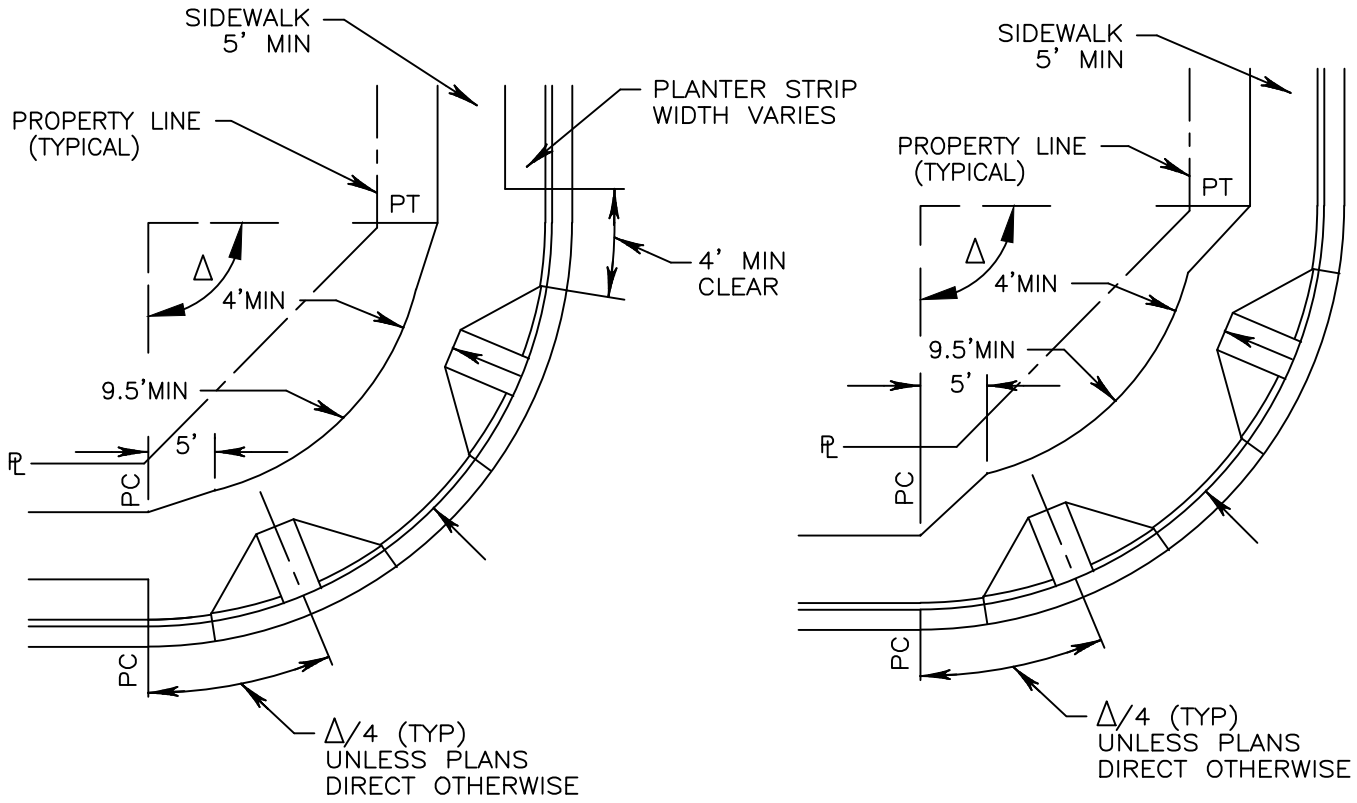

ALTERNATE "A"

ALTERNATE "B"

NOTES:

1 ALL CURB RAMPS SHALL COMPLY WITH THE AMERICAN DISABILITIES ACT.

2 SEE STANDARD PLAN 220-222 FOR CURB RAMP TYPE

NOT TO SCALE

APPROVED BY	DATE		CURB RAMP TYPICAL LOCATIONS	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-223
TOWN ENGINEER				

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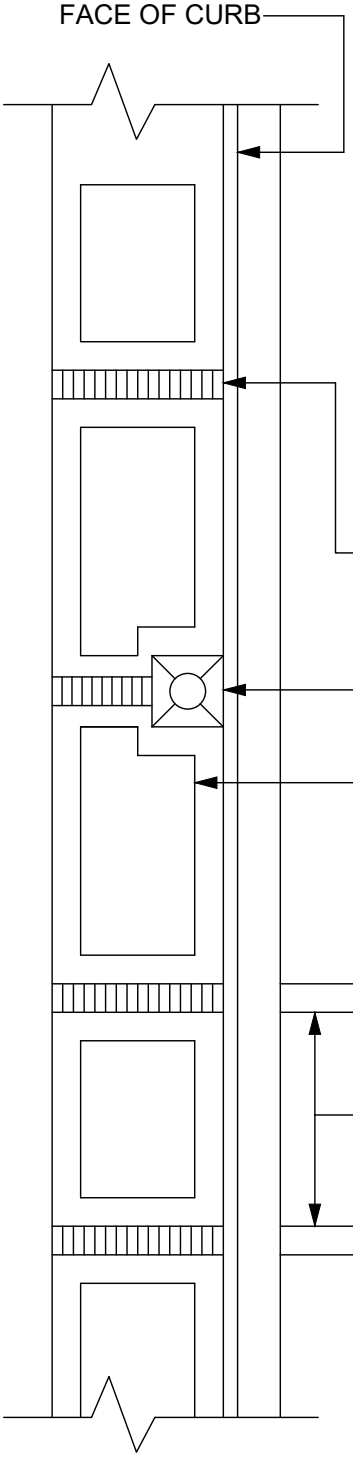
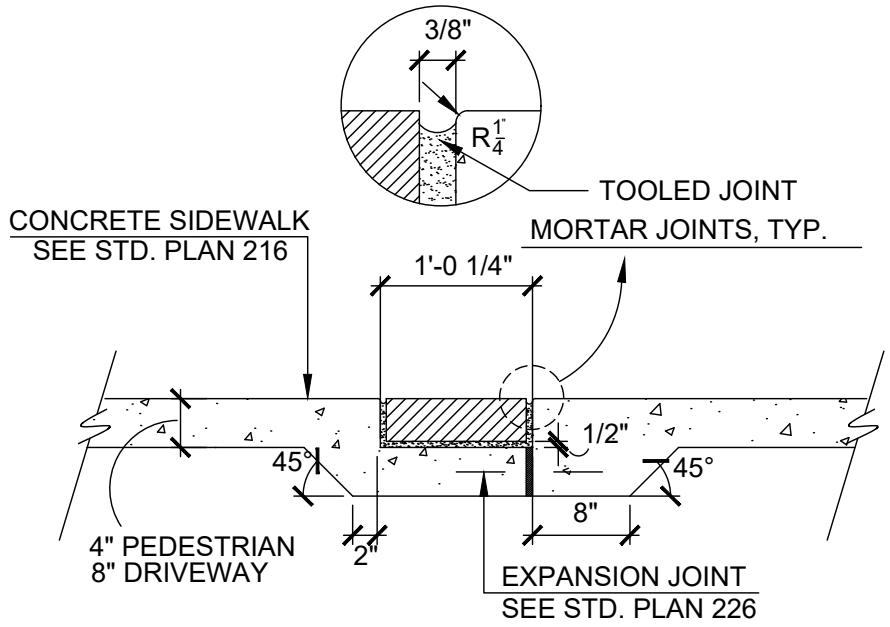




NOTES:

1. Mortar joints between bricks to be 3/8".
2. Expansion joints as shown on plans.

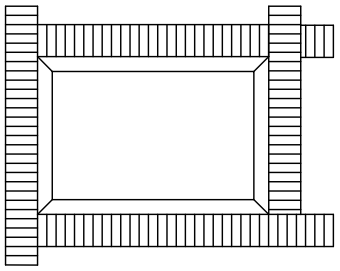
"Villa Hermosa" theme: Depress concrete slab to receive brick strips 12" +/- wide. Mortar set flush with concrete. Grout joints flush. Center brick strips on trees and equally spaced between (10'+/-)

Install tree grates.

Install tooled score line 12 inches from panel edges.

NOTE:
All new paving to be "Villa Hermosa" as shown in this detail with the following exceptions:

A. Additional score lines at 45 degrees to be added as shown in detail below.

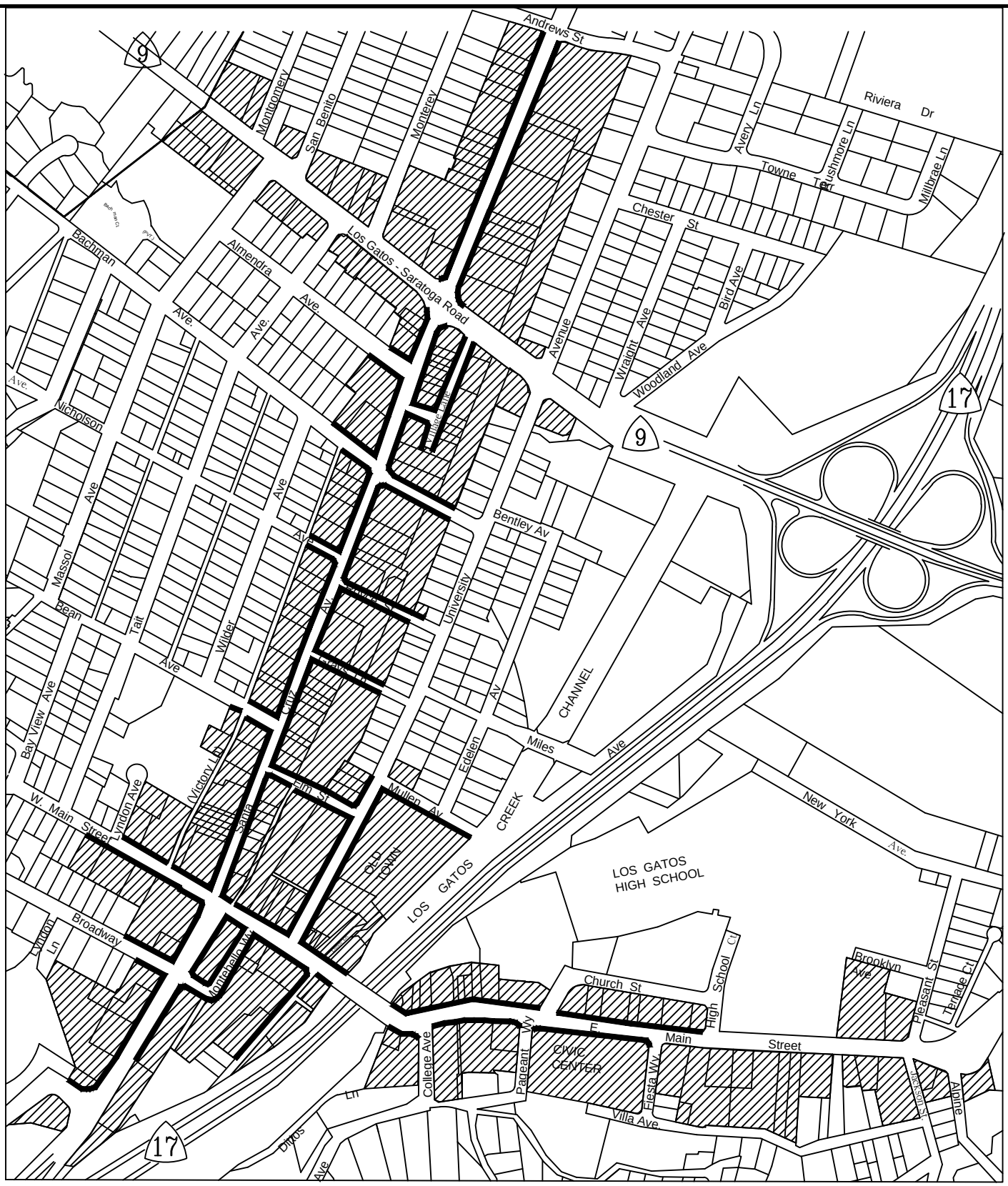


SCORE JOINT DETAIL- TYPICAL

NOTES:

1. See Std. Detail 225 for Villa Hermosa sidewalk areas.
2. All concrete shall be Class "A", per Caltrans specifications, with 1 lb. (min.) lamp black per cubic yard.
3. ALL WORK SHALL CONFORM TO CURRENT A.D.A. REQUIREMENTS.

APPROVED BY	DATE		VILLA HERMOSA SIDEWALK	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-224
TOWN ENGINEER				



LEGEND

Downtown Commercial Areas

Villa Hermosa Sidewalk Required

APPROVED BY	DATE		VILLA HERMOSA AREA	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-225
TOWN ENGINEER				

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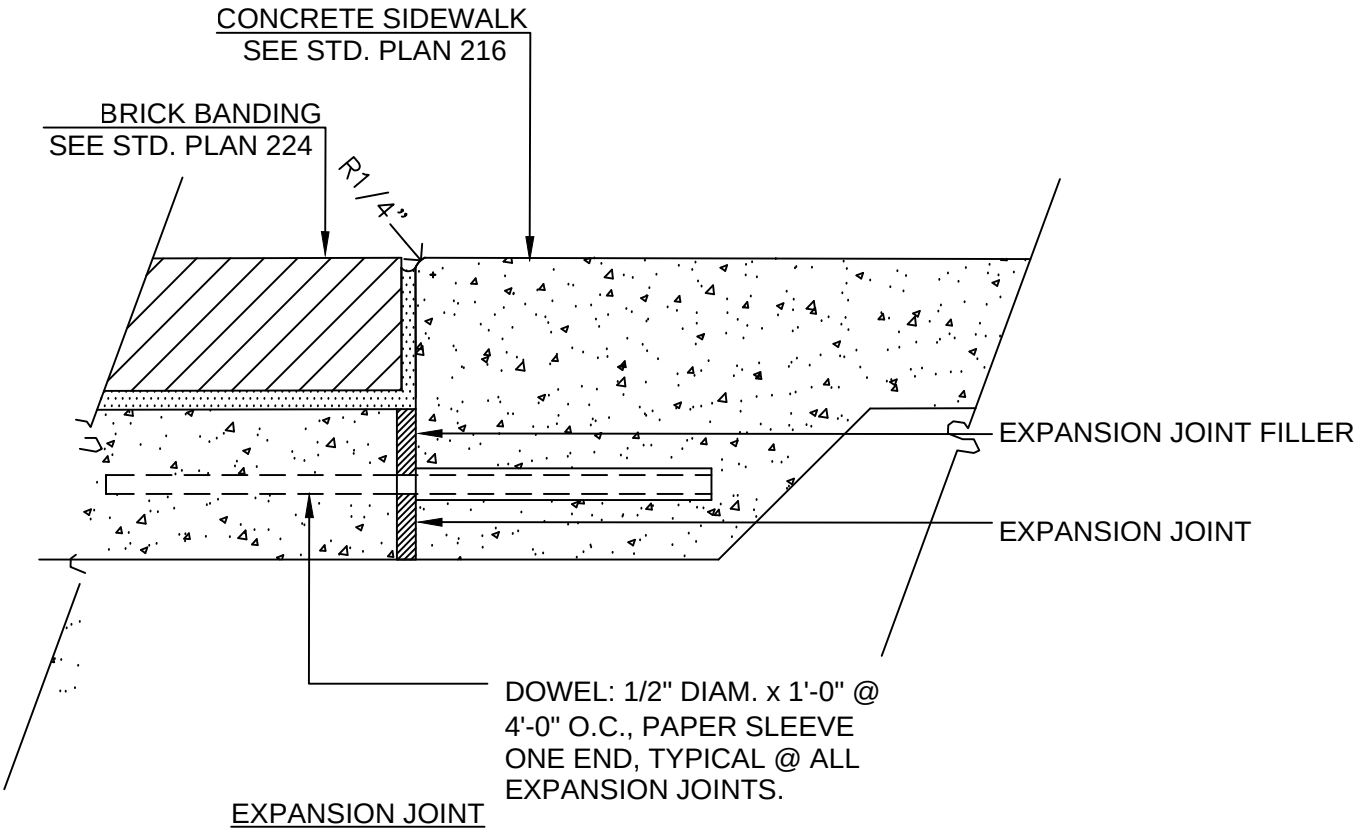
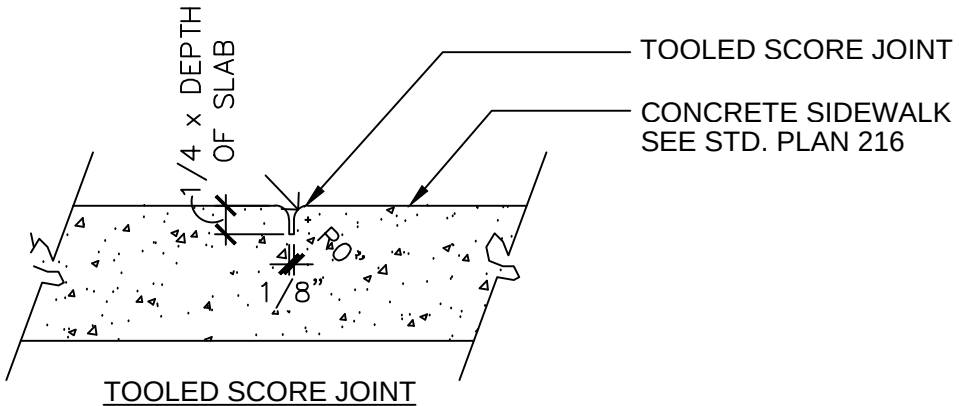


EXPANSION JOINT



TOOLED SCORE JOINT

NOTES:

1. BRICKS FOR VILLA HERMOSA PATTERN CONCRETE SIDEWALK SHALL BE MCNEAR WIRE-CUT RED SOLID JUMBO BRICK (3 1/2" x 3 1/2" x 11 1/2") OR AS APPROVED BY THE ENGINEER. BULLNOSE BRICKS FOR PLANTERS SHALL BE MCNEAR WIRE-CUT RED CORED BULLNOSE JUMBO BRICK (2 7/16" x 3 7/8" x 11 1/2").

2. MORTAR SHALL CONFORM TO ASTM C270, TYPE "M" PROPERTY SPECIFICATION, WITH 2500 PSI MIN. AT 28 DAYS. OMIT LIME PUTTY IF PLASTIC TYPE CEMENT IS USED. COLOR OF MORTAR SHALL BE MEDIUM BROWN #641, TRUE TONE CEMENT COLORS BY DAVIS COLORS, (800) 356-4848. MORTAR AGGREGATE SHALL CONFORM TO ASTM C144. GROUT AGGREGATE SHALL CONFORM TO ASTM C404. HYDRATED LIME SHALL CONFORM TO ASTM C207.

3. CONTRACTOR SHALL SUBMIT BRICK, BULLNOSE BRICK, AND GROUT SAMPLES TO ENGINEER FOR APPROVAL.

NOT TO SCALE

APPROVED BY	DATE		CONCRETE JOINTS	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-226
TOWN ENGINEER				

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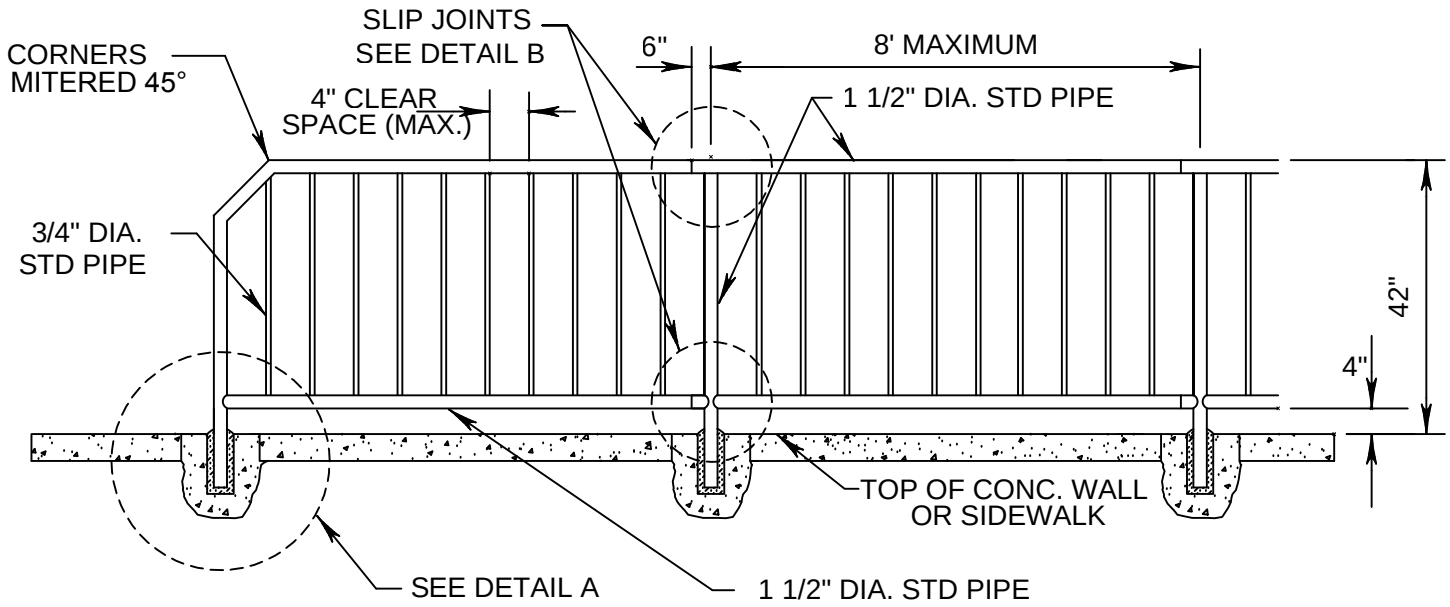
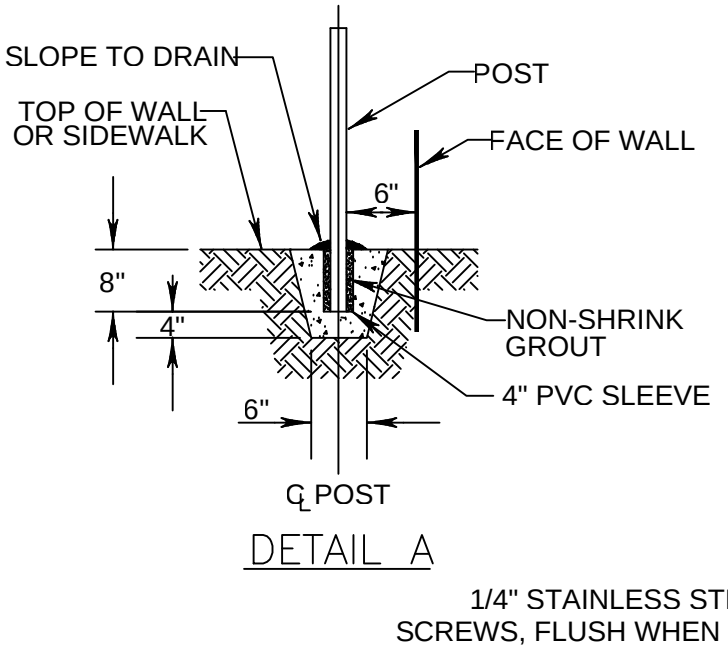
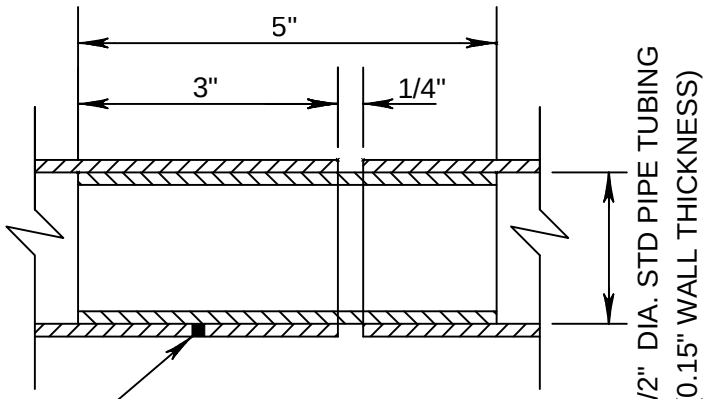




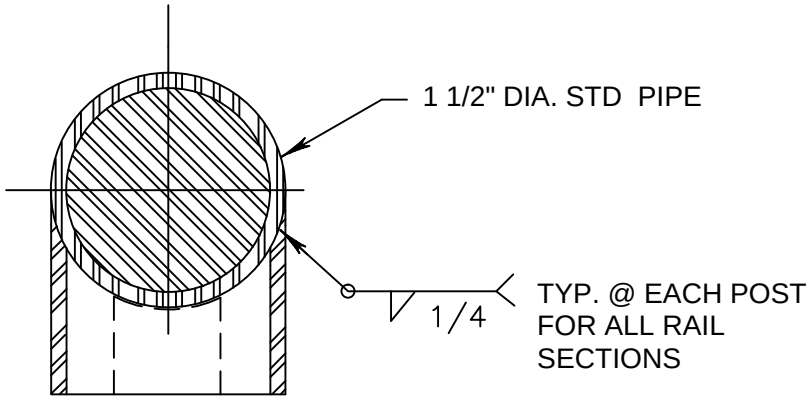
DETAIL A



SLIP JOINT DETAIL

DETAIL B

1/4" STAINLESS STEEL
SCREWS, FLUSH WHEN FINSHED



NOTES:

1. MATERIAL FOR PEDESTRIAN HANDRAIL SHALL BE ALUMINUM (ASTM B 429).

NOT TO SCALE

APPROVED BY	DATE		PEDESTRIAN HANDRAIL	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-230
TOWN ENGINEER				

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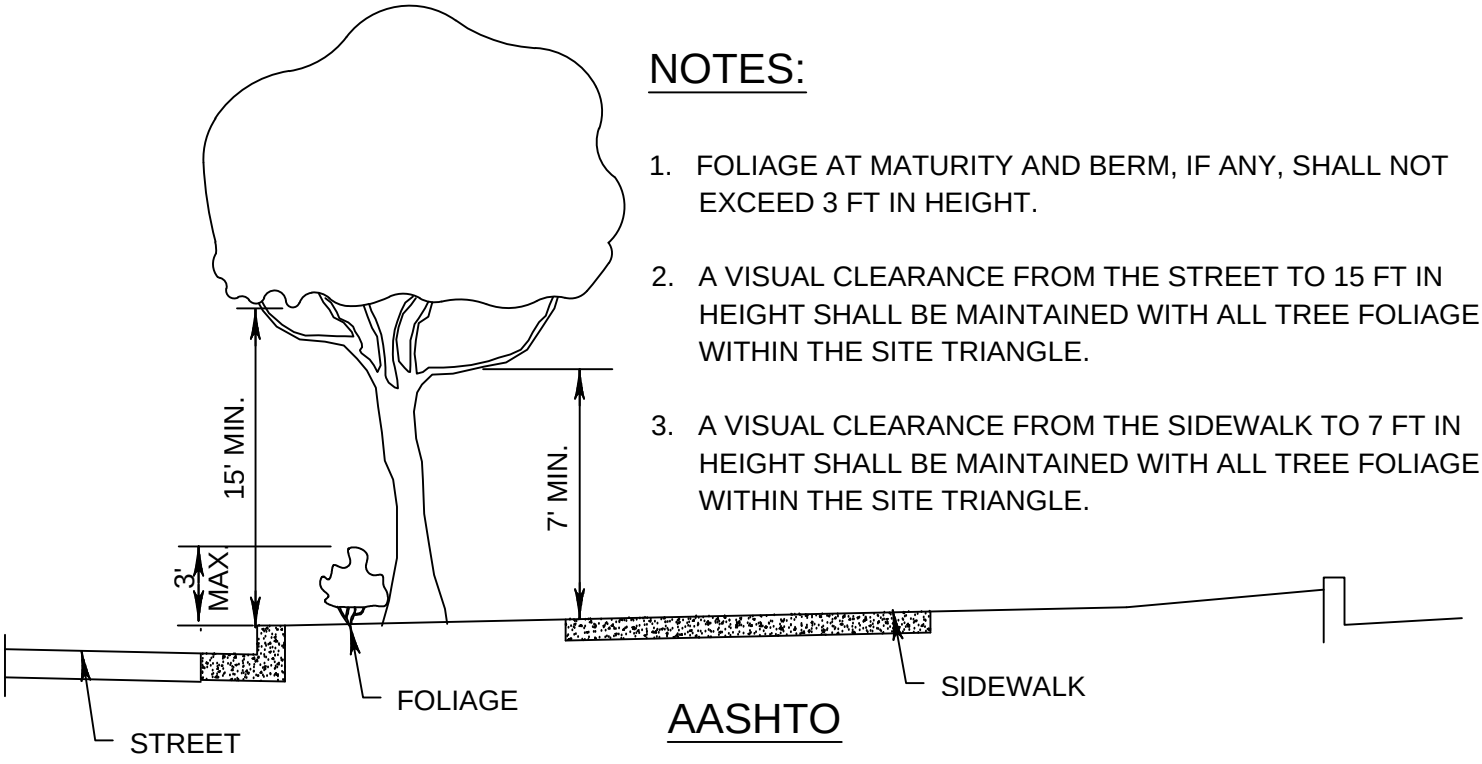


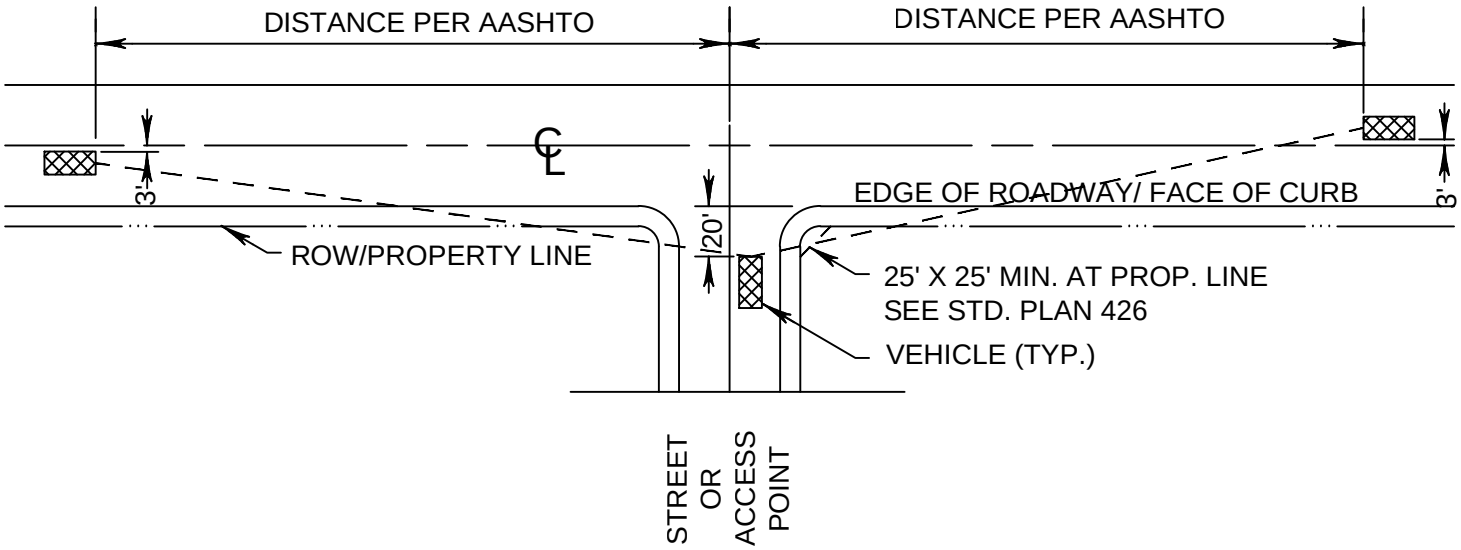
NOTES:

1. FOLIAGE AT MATURITY AND BERM, IF ANY, SHALL NOT EXCEED 3 FT IN HEIGHT.
2. A VISUAL CLEARANCE FROM THE STREET TO 15 FT IN HEIGHT SHALL BE MAINTAINED WITH ALL TREE FOLIAGE WITHIN THE SITE TRIANGLE.
3. A VISUAL CLEARANCE FROM THE SIDEWALK TO 7 FT IN HEIGHT SHALL BE MAINTAINED WITH ALL TREE FOLIAGE WITHIN THE SITE TRIANGLE.

AASHTO

PUBLIC STREET POSTED SPEED LIMIT (MPH)	MINIMUM DISTANCE (FT)
25	200
30	250
35	325
40	400

PUBLIC STREET



NOT TO SCALE

APPROVED BY	DATE		DRIVEWAY AND INTERSECTION SITE TRIANGLES	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-231
TOWN ENGINEER				

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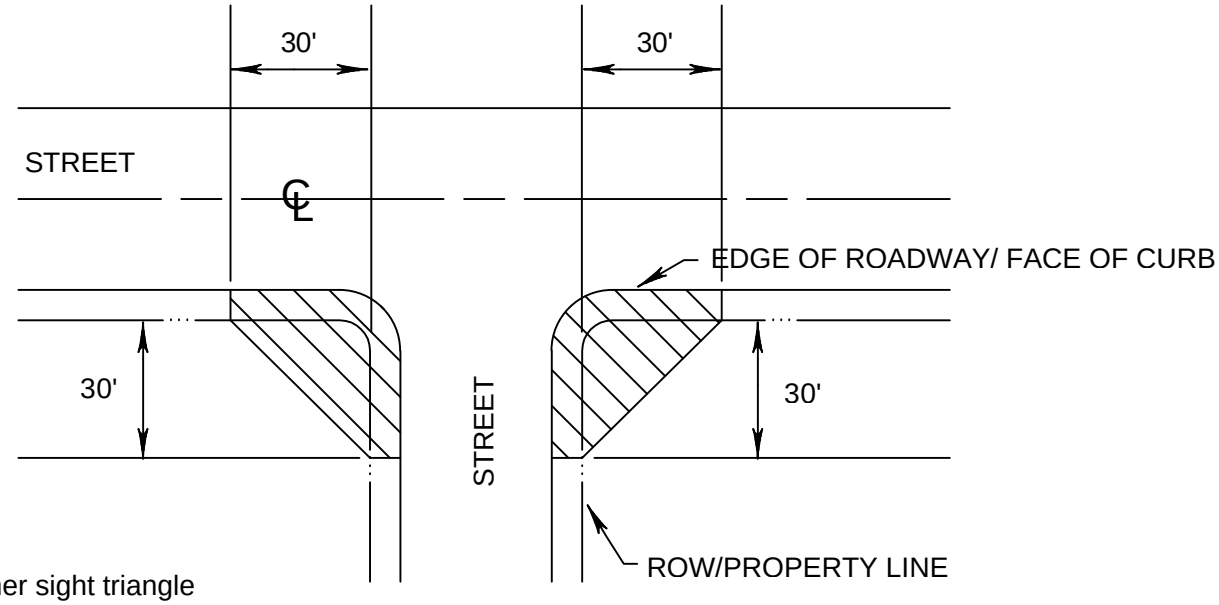
CORNER SIGHT TRIANGLE



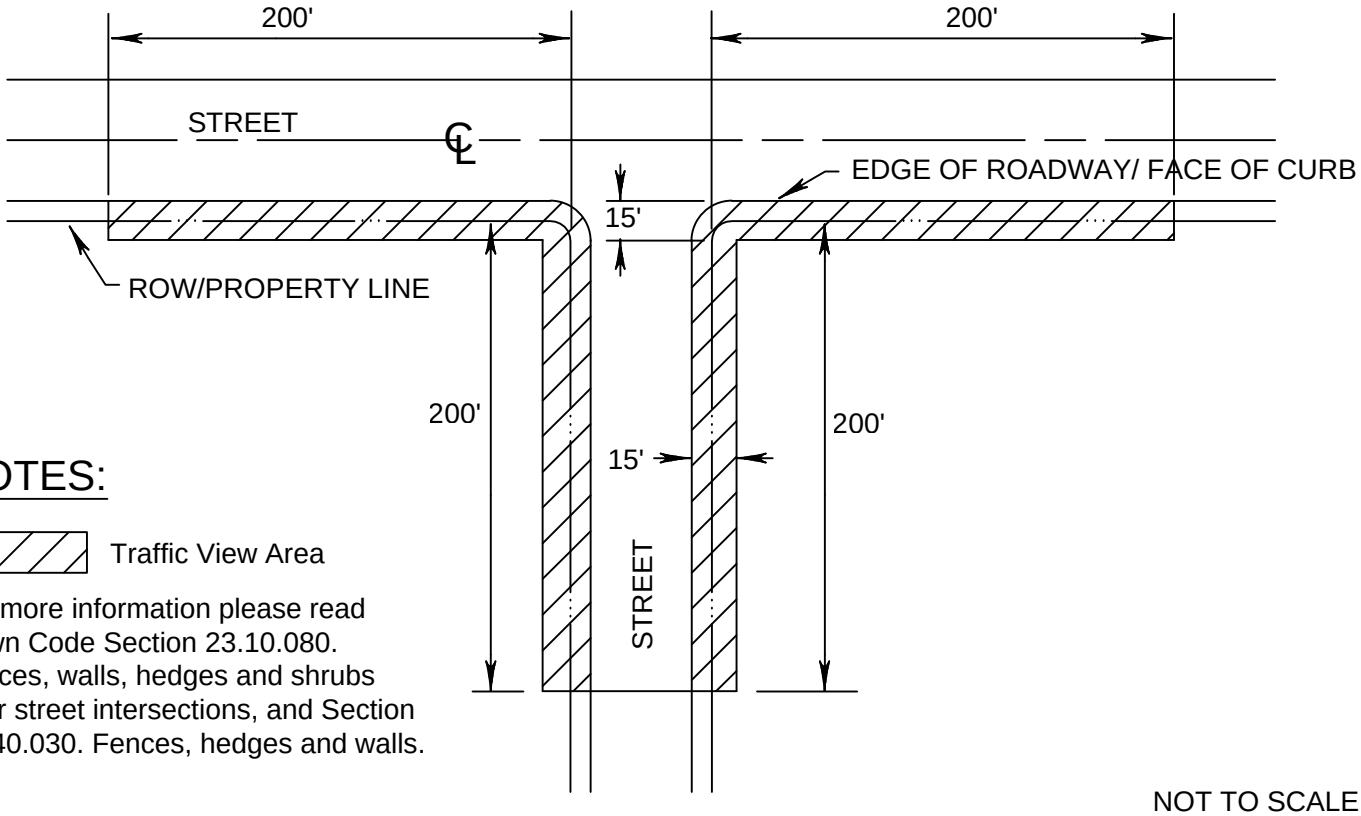
NOTES:

Corner sight triangle

For more information please read Town Code Section 26.10.065. Obstruction at corners of intersecting streets.

NOT TO SCALE

TRAFFIC VIEW AREA



NOTES:

Traffic View Area

For more information please read Town Code Section 23.10.080. Fences, walls, hedges and shrubs near street intersections, and Section 29.40.030. Fences, hedges and walls.

NOT TO SCALE

APPROVED BY	DATE		SIGHT TRIANGLE AND TRAFFIC VIEW AREA	STD. PLAN NO.
	NOVEMBER 2010			ST-232
TOWN ENGINEER				

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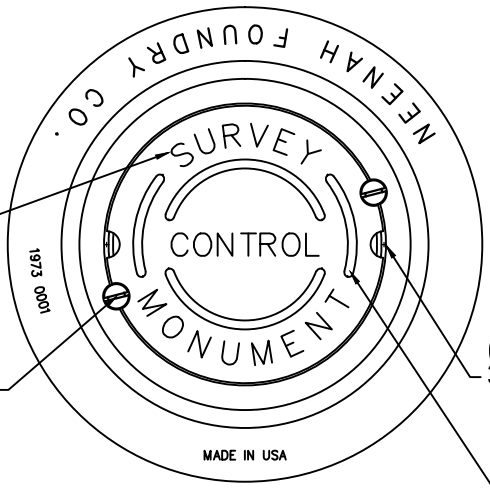
FRAME AND COVER
NEENAH FOUNDRY CO.
R-1973-1 OR APPROVED
EQUAL OVER MONUMENT.
FRAME AND COVER TO BE
SET IN CONCRETE AFTER
PAVING

SURVEYOR'S NOTE

EXACT POINT TO BE
DETERMINED BY ACCURATE
SURVEY AND CLEARLY
PUNCHED IN TOP OF BRASS
MARKER TOGETHER WITH
SURVEYOR'S L.L.S. OR R.C.E.
NUMBER IN 1/8" HIGH
NUMERALS.

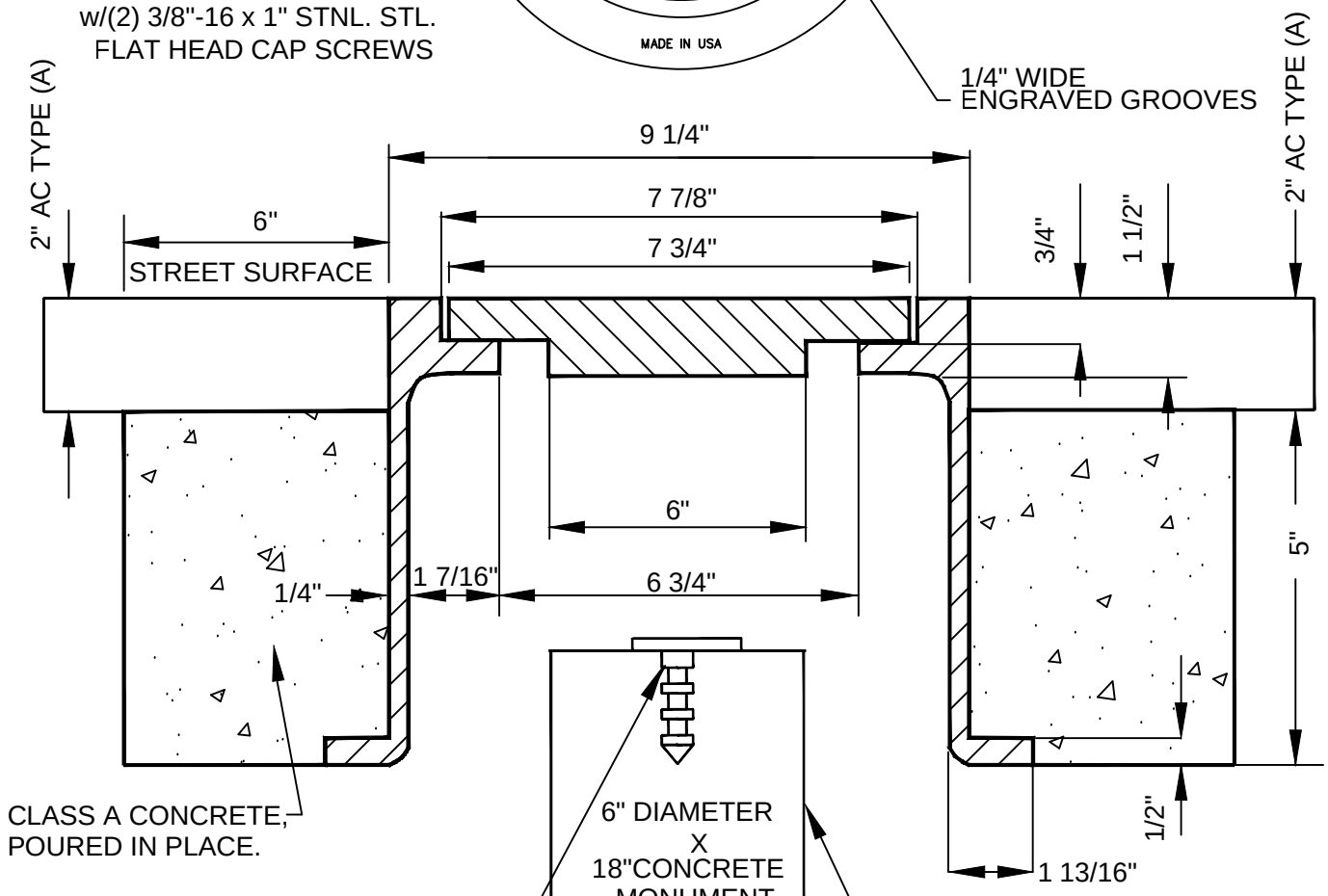


1/2" ENGRAVED
LETTERING (TYP.)

BOLT BETWEEN LID AND FRAME
w/(2) 3/8"-16 x 1" STNL. STL.
FLAT HEAD CAP SCREWS

(2) OPEN PICK HOLES
3/4" x 3/4"

1/4" WIDE
ENGRAVED GROOVES



CLASS A CONCRETE,
POURED IN PLACE.

6" DIAMETER
X
18"CONCRETE
MONUMENT

SOLID BRONZE MONUMENT
MARKER WITH 3.5" DIAMETER
CAP, BERNTSEN OR APPROVED
EQUAL. TOP OF MONUMENT
TO BE 4" MAXIMUM BELOW
STREET SURFACE. FOR MARKING
SEE SURVEYOR'S NOTE ABOVE.

CONCRETE MONUMENT SHALL BE
CONSTRUCTED USING FORM FOR
UPPER PORTION SO THAT CONCRETE
IN MONUMENT DOES NOT BOND TO
FRAME OR CONCRETE IN WHICH
FRAME IS SET.

CLASS A CONCRETE
POURED IN PLACE.

UNDISTURBED EARTH

APPROVED BY	DATE		STREET CENTERLINE STANDARD MONUMENT	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-233
TOWN ENGINEER				

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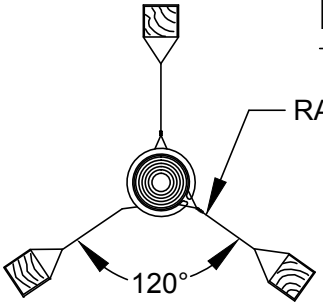
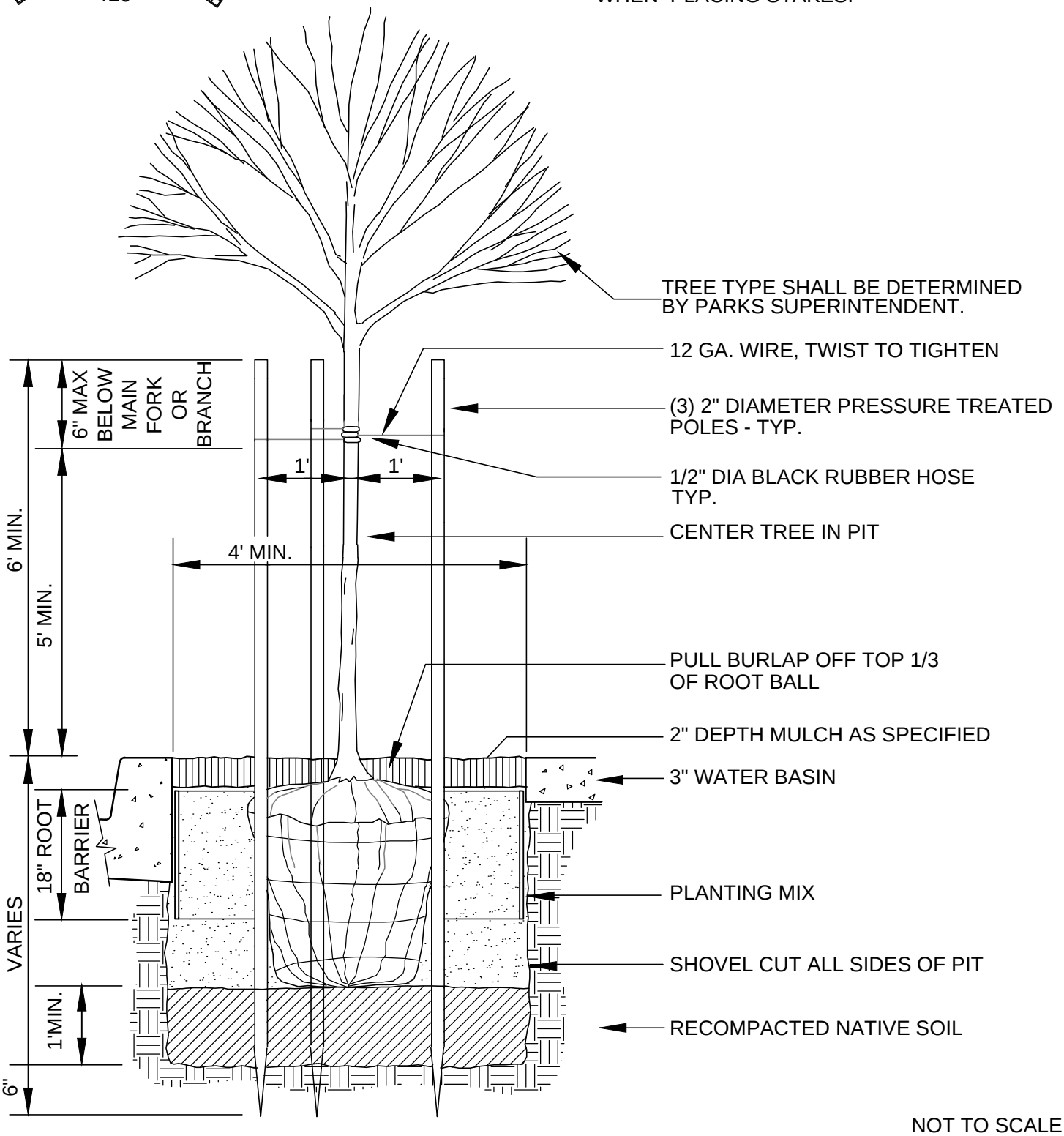
PLAN VIEW



NOTES

PLANT TREES 4" HIGHER THAN DEPTH AT WHICH GROWN IN NURSERY. AVOID DAMAGE TO ROOTS. AVOID ROOTBALL WHEN PLACING STAKES.



NOT TO SCALE

APPROVED BY	DATE		TREE PLANTING DETAIL	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-234
TOWN ENGINEER				

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TREE SPECIFICATIONS

All 15 gal. trees must meet the following minimum specifications:

1. HEIGHT: 7 - 8 feet high planted in the ground.
2. CALIPER: 1-1/2 inches, measured 6 inches from the base.
3. BRANCHING NEED: Minimum spread of 2 - 3 feet.

Any exception to the above must be approved by the Town Arborist.

All planting stock must must have the approval of the Town Arborist.

PLANTING SEQUENCE

1. Dig the hole twice as large in diameter and 1-1/2 times as deep as the container in which the plant was delivered. Provide a 6 inch minimum clearance all around the rootball.

2. The existing soil area is to be removed to a depth of 2 feet and replaced with U.C. Ag. mix or approved equivalent. U.C. Ag. mix shall be combined with existing soil, 1/3 mix, 2/3 native soil.

3. Fill hole with the backfill mix to a level 1 inch below the curb.

4. Place 3 Agriform Planting Tablets per tree at equidistant spacing. Tablets shall be 21 grams each with a guaranteed test analysis of 20-10-5.

5. Remove the rootball carefully from the container by supporting it from below. Sever any circling roots (3/16 inch or greater) with sharp shears or knife. If the rootball is dense or compacted, carefully loosen the roots at the side and bottom of the rootball. Do not pull the rootball apart. The severing of large roots will encourage new roots initiating at the cuts.

6. Fill around the rootball with backfill and pack the soil with the shovel handle as you fill. Be careful not to disturb the rootball itself.

7. Use the remaining native soil to create a basin appropriate to the site.

APPROVED BY	DATE		TREE PLANTING SPECIFICATIONS	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-235
TOWN ENGINEER				

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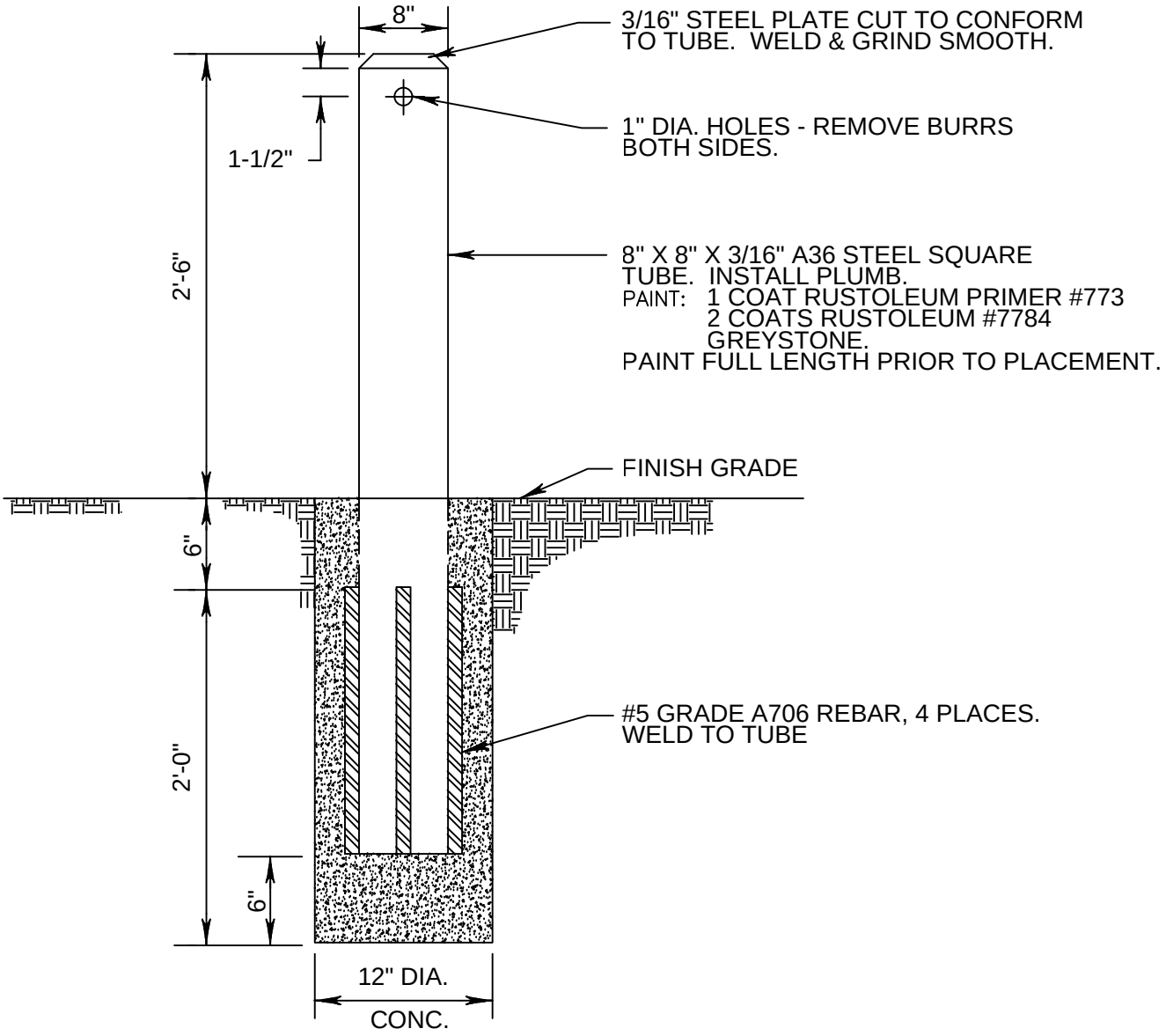

NOT TO SCALE

APPROVED BY	DATE		FIXED BOLLARD	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			ST-236
TOWN ENGINEER				

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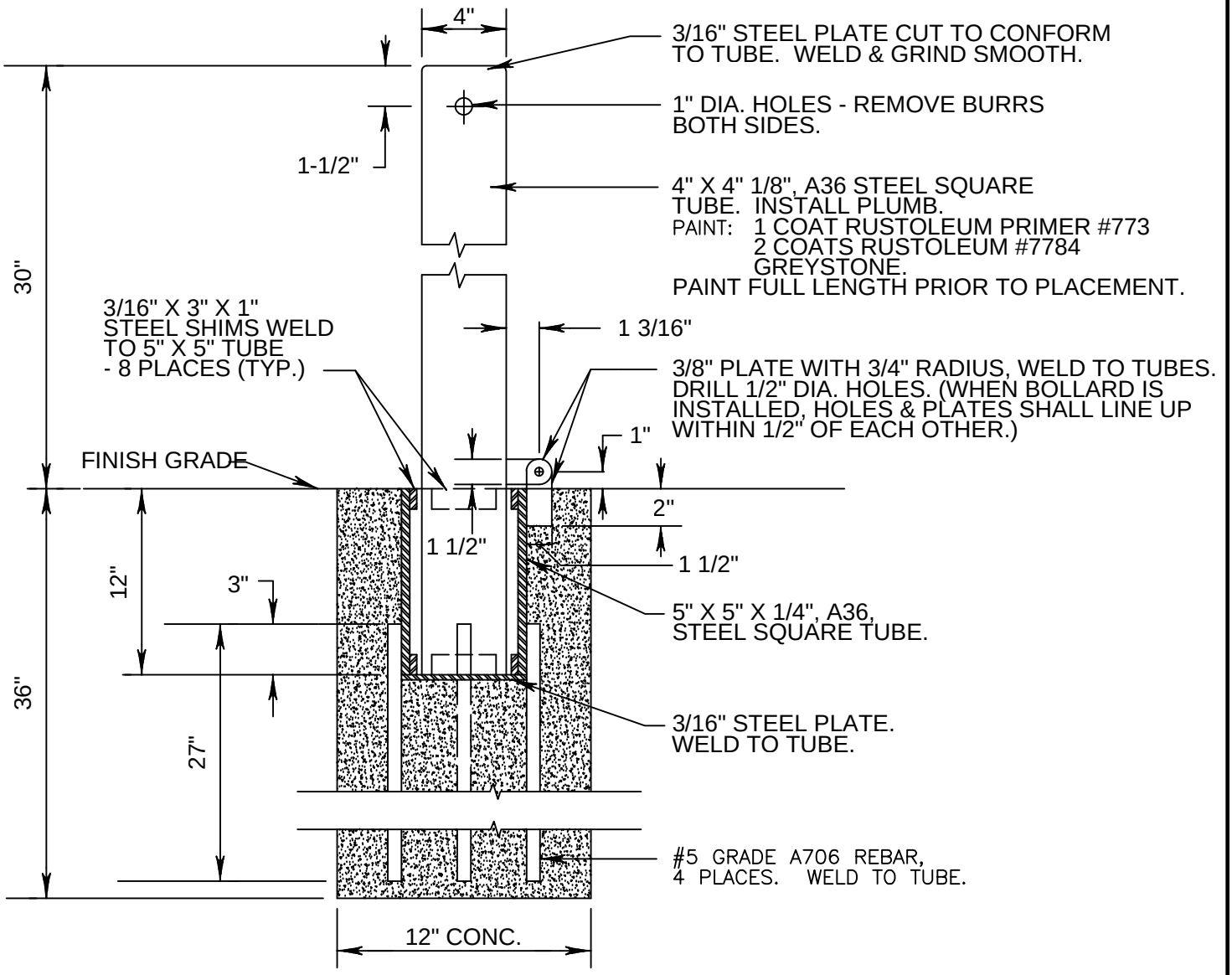

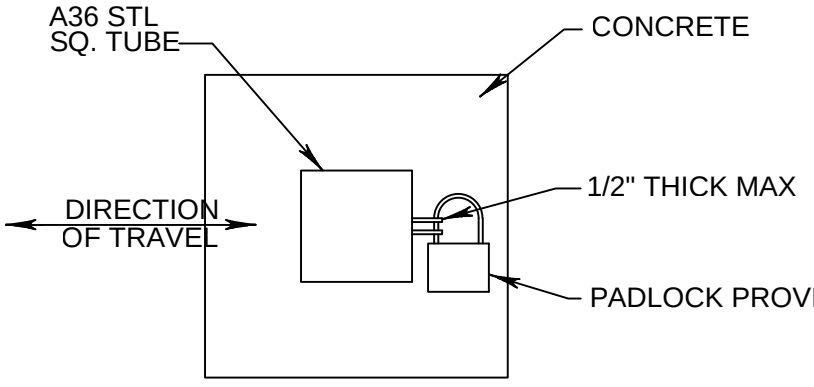

NOTES:

1. DO NOT INSTALL 4" X 4" POST UNTIL CONCRETE IS COMPLETELY CURED.

NOT TO SCALE

APPROVED BY	DATE		REMOVALBLE BOLLARD	STD. PLAN NO.
Kevin Kothari	NOVEMBER 2010	TOWN OF LOS GATOS		ST-237
TOWN ENGINEER				

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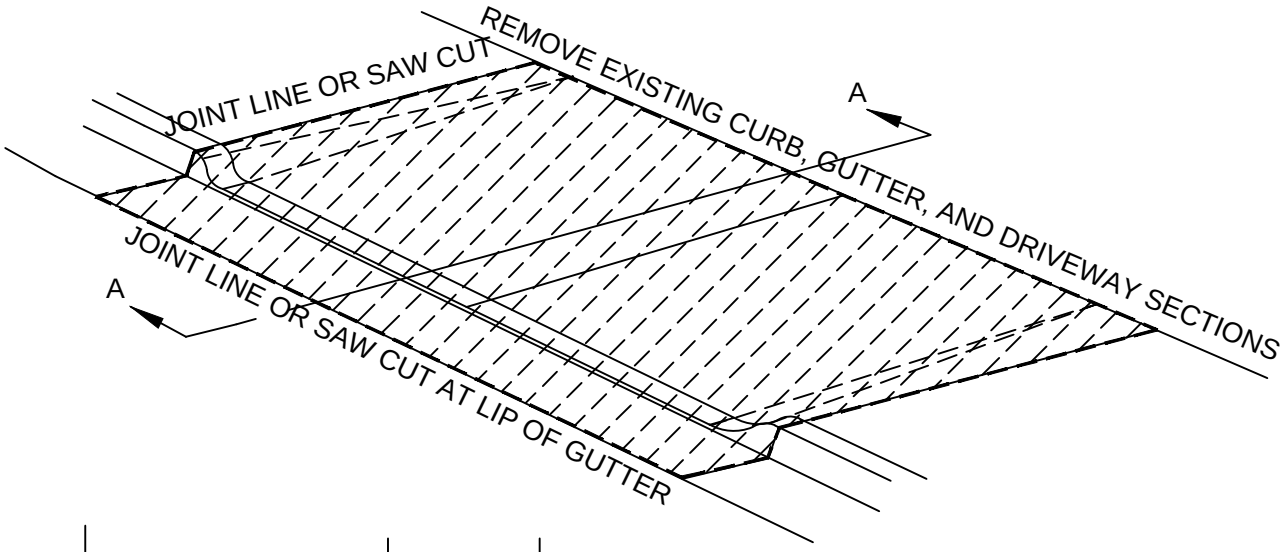

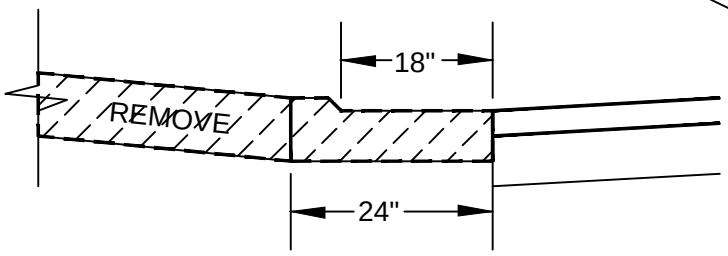

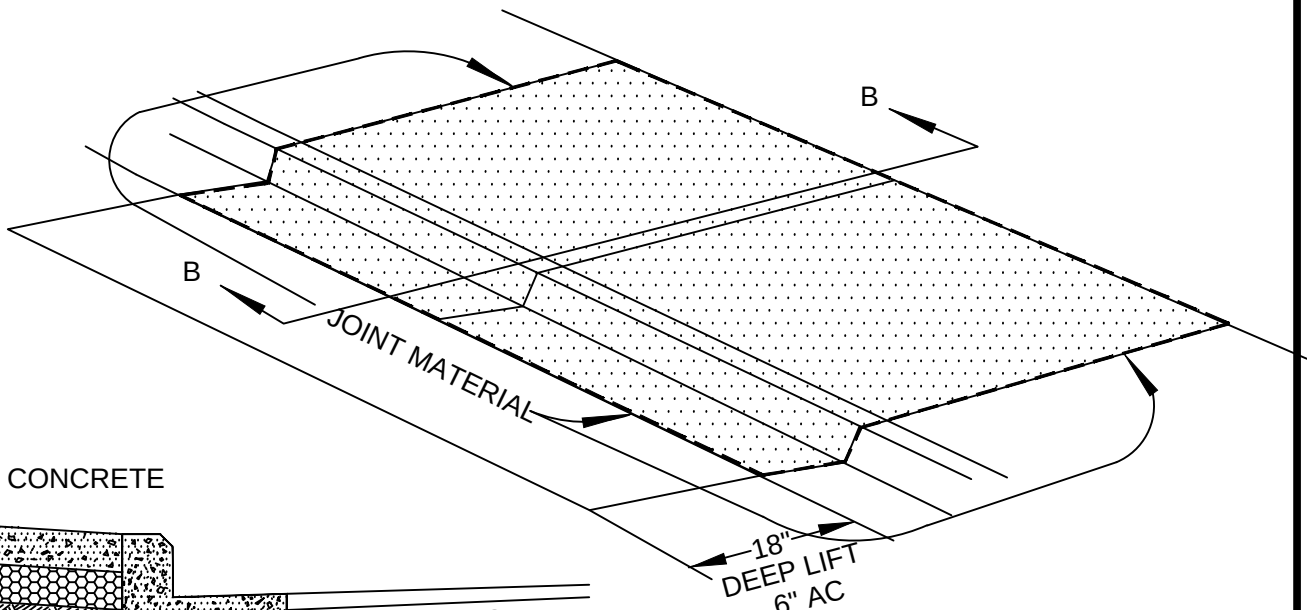

SECTION B-B

CONCRETE CURB & GUTTER, SEE STD. PLAN 210.

UNDISTURBED SUBGRADE OR APPROVED MATERIAL 95% MAX. COMPACTION ASTM D1557

4" CLASS II AGGREGATE BASE 95% MAX. COMPACTION ASTM D1557

NOT TO SCALE

APPROVED BY	DATE		DRIVEWAY RECONSTRUCTION	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-238
TOWN ENGINEER				

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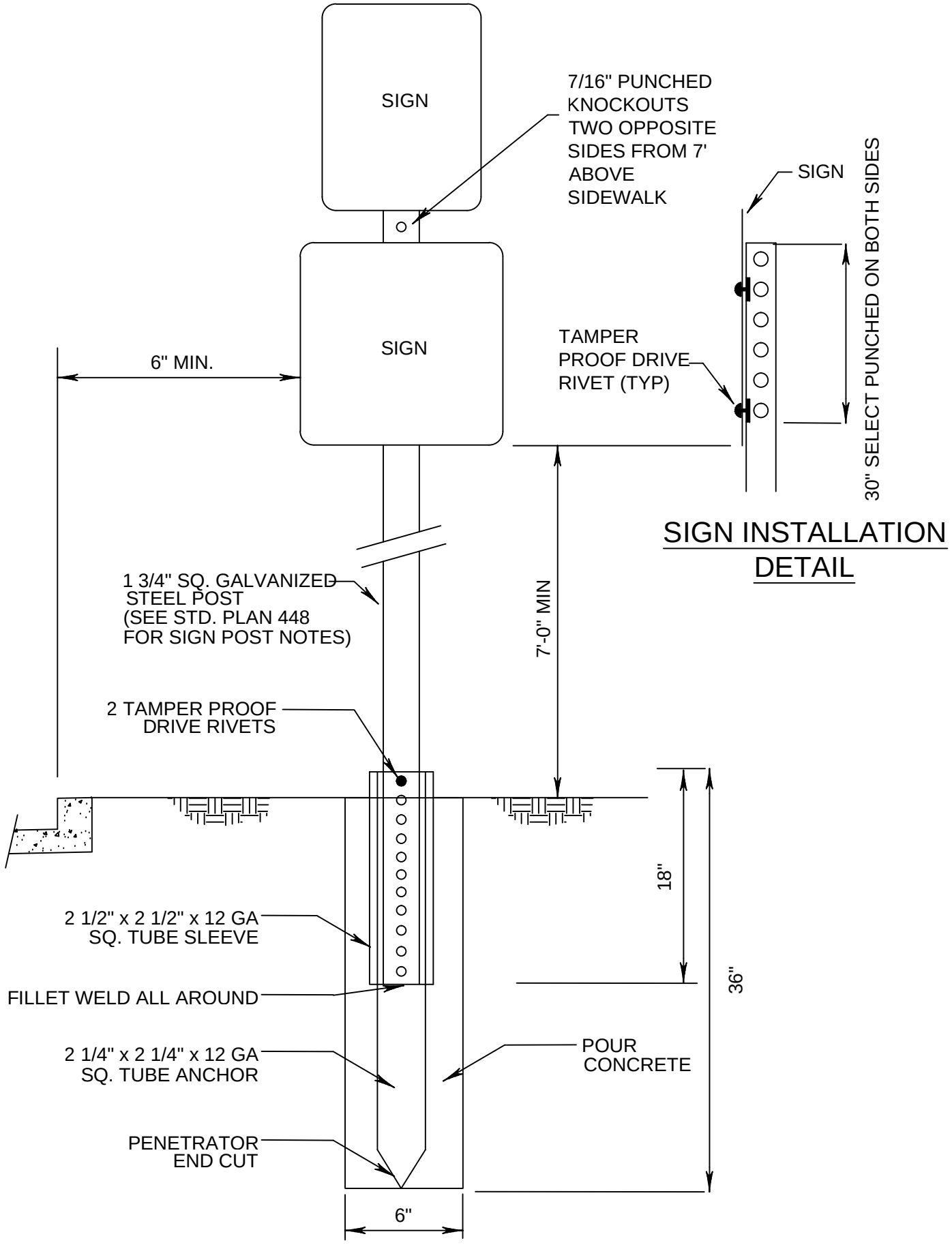

SIGN INSTALLATION DETAIL

APPROVED BY	DATE		SIGN MOUNTING DETAIL	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS	PLEASE SEE ST-240 FOR SIGN NOTES	ST-239
TOWN ENGINEER				

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NOTES:

1 SIDEWALKS AND PAVED AREAS SHALL BE CORE DRILLED BEFORE ATTEMPTING SIGN INSTALLATION.

2 SIGNS SHALL HAVE A MIN. HEIGHT OF 7' FROM THE NEAR EDGE OF SIGN TO THE SIDEWALK GRADE, OR TOP OF CURB, AND A 2' LATERAL CLEARANCE FROM THE FACE OF CURB TO THE NEAR EDGE OF SIGN. SIGN LOCATION SHALL BE AS SHOWN ON THE PLANS AND PER M.U.T.C.D.

3 REFLECTIVE SHEETING SHALL BE MANUFACTURED BY 3M TRAFFIC CONTROL MATERIALS DIVISION.

a. REGULATORY AND WARNING SIGNS SHEETING SHALL BE 3M DIAMOND GRADE VIP TYPE MATERIAL OR EQUIVALENT. SIZE OF SIGNS SHALL BE NO LESS THAN 30x30 UNLESS SPECIFIED BY THE TOWN ENGINEER.

SIGN POST NOTES:

4 ALL TUBING MATERIAL SHALL BE "ULTI-MATE" SELECT PUNCH TYPE GALVANIZED STEEL (ASTM A70 GRADE 33) OR APPROVED EQUIVALENT. POST SHALL BE POWDER-COATED BLACK.

5 TUBING SHALL BE ROLL FORMED FROM STEEL CONFORMING TO STANDARD SPECIFICATIONS FOR STEEL SHEET, A.S.T.M. DESIGNATION A653-94, STRUCTURAL QUALITY, GRADE 50 MODIFIED TO GRADE 55.

6 MATERIAL SHALL BE HOT-DIP GALVANIZED (ZINC COATED), COATING DESIGNATION G-90, WITH ADDED CHEMICAL TREATMENT FOR ENHANCED CORROSION PROTECTION.

7 THE CROSS SECTION OF THE POST SHALL BE SQUARE TUBING, CAREFULLY FORMED FROM 14 GA. STEEL SHEET AND WELDED SO AS THE WELD FLASH DOES NOT INTERFERE WITH THE TELESCOPING PROPERTIES. SIZE OF POST SHALL BE 1.75" x 1.75".

8 HOLE DIAMETER SHALL BE 7/16" (PLUS OR MINUS 1/64") ON 1" CENTERS ON TWO OPPOSITE SIDES. HOLES SHALL BE ON CENTERLINE OF EACH SIDE IN TRUE ALIGNMENT AND OPPOSITE TO EACH OTHER. TOLERANCE ON THE HOLE SPACING IS PLUS OR MINUS 1/8" IN 20'. FIRST SET OF HOLES SHALL BE 1/2" FROM THE TOP OF THE ANCHOR. ANCHOR SHALL HAVE EITHER 6 OR 12 SETS OF HOLES. THE BOTTOM OF THE ANCHOR SHALL HAVE A PENETRATOR POINT.

9 CONCRETE SHALL BE POURED AROUND POST.

APPROVED BY	DATE			STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS	SIGN NOTES	ST-240
TOWN ENGINEER				

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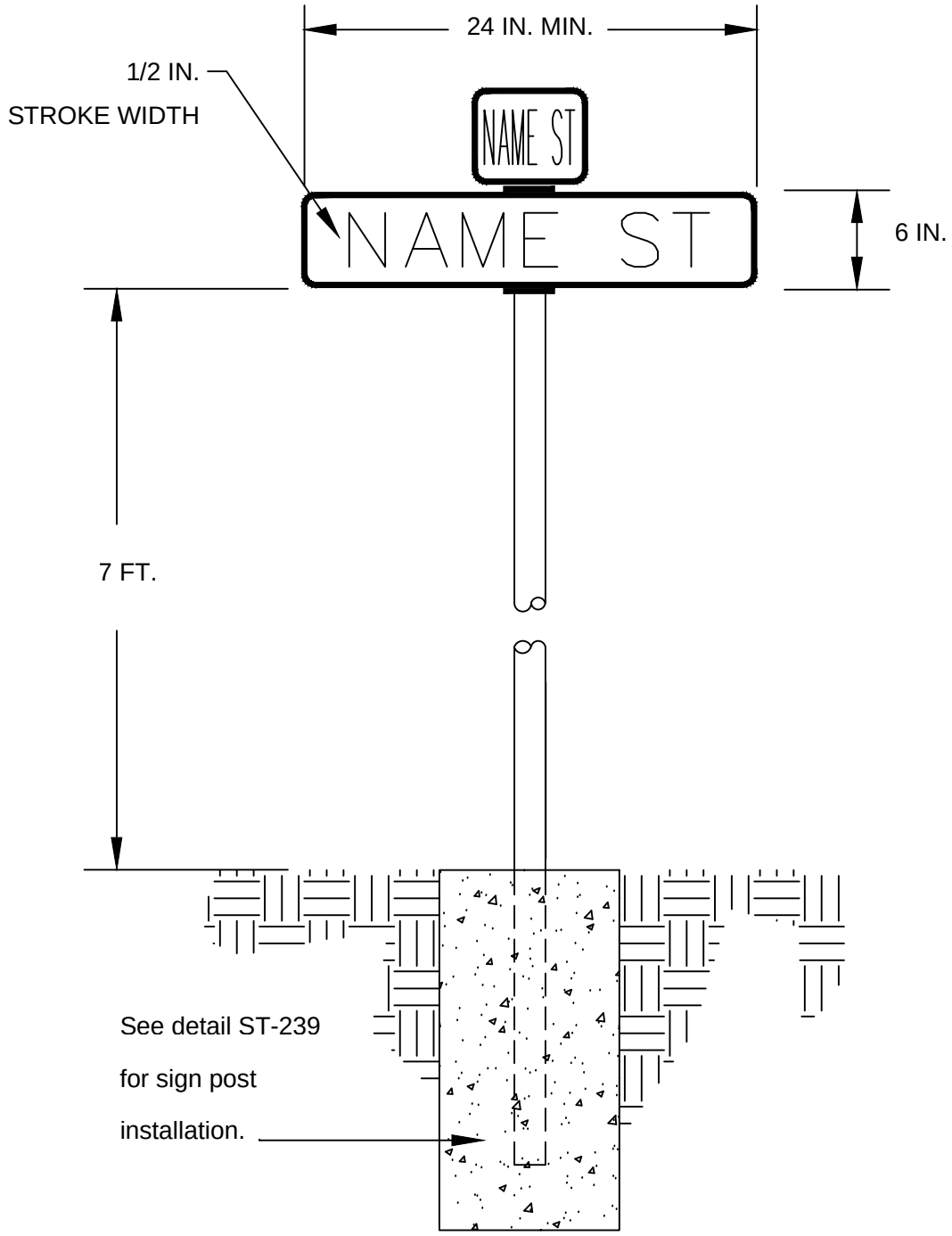

Plate: .050 in. (min.) flat aluminum

Color: Brown with white border

Letters: 4 in. high, reflective white;
Helvetica, all capitals

Mounting Hardware: Center rod style;
2 plates per street name

APPROVED BY	DATE		PUBLIC STREET NAME SIGN	STD. PLAN NO.
	NOVEMBER 2010			ST-241
TOWN ENGINEER				

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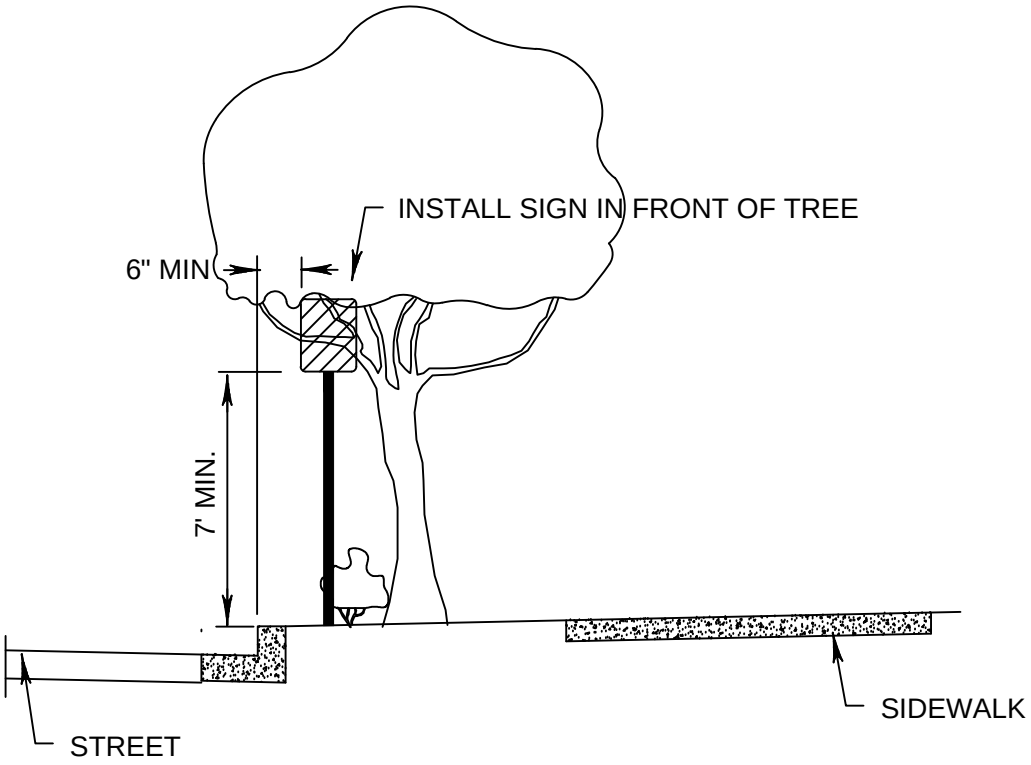
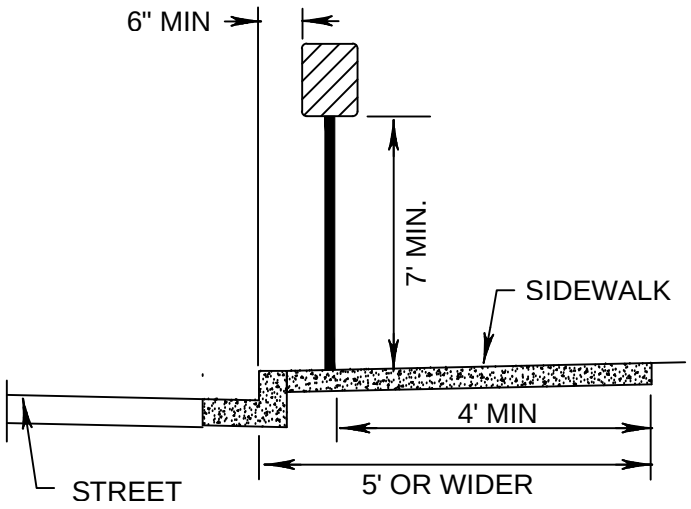
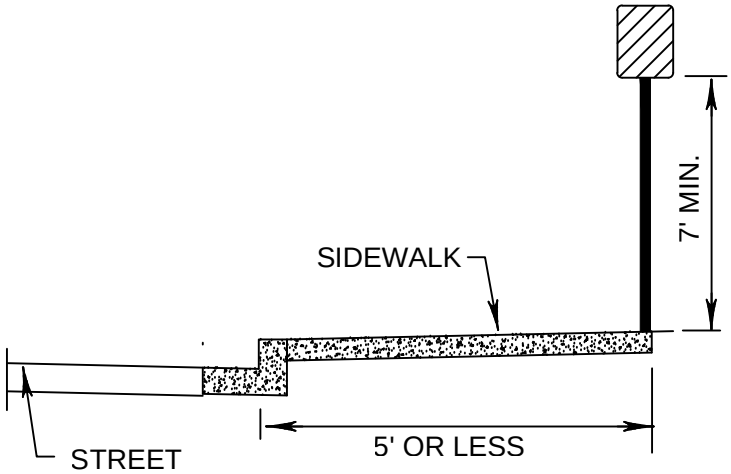




NOTES:

1. THE LOCATIONS OF SIGNS SHOWN ARE A GUIDELINE AND DEPEND ON FIELD CONDITIONS. VISIBILITY, OBSTRUCTION, UTILITIES, ETC. SHOULD BE CONSIDERED AT ALL TIME.

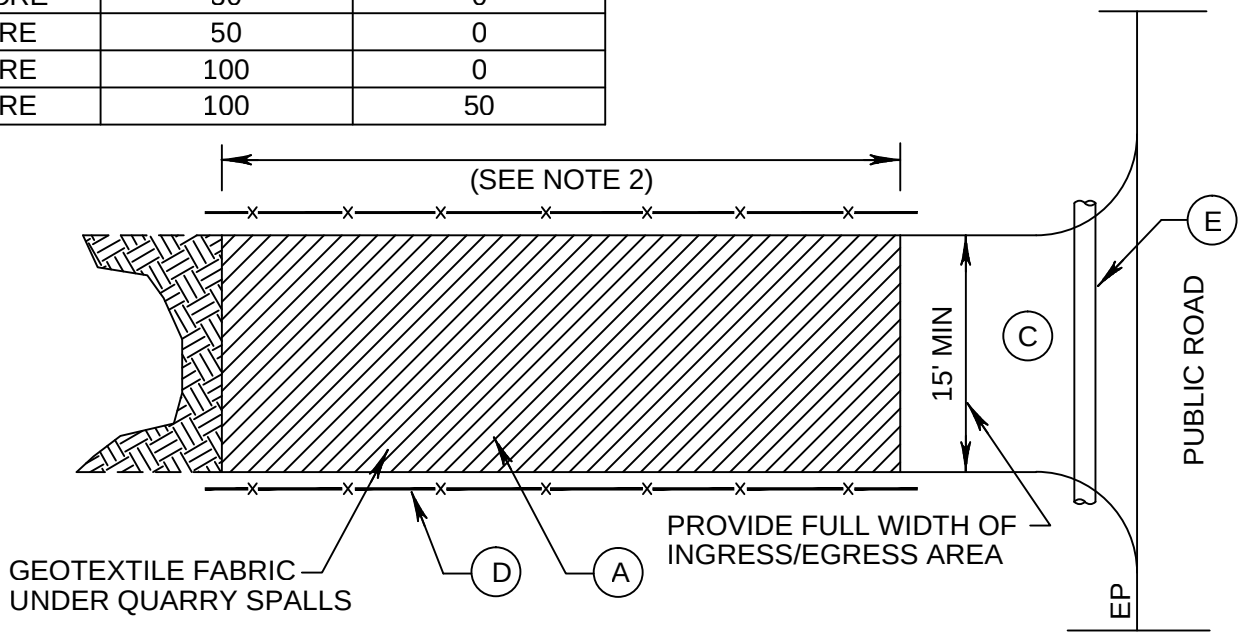


NOT TO SCALE

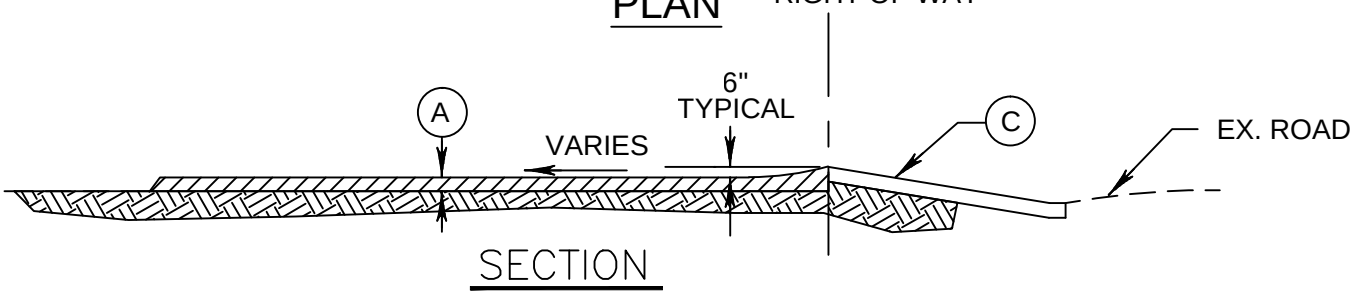
APPROVED BY	DATE		SIGN LOCATION	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-242
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\ST-242.dwg

PROJECT SIZE	LENGTH OF	
	CRUSHED ROCK	ATB
≤ 1/4 ACRE	30	0
≤ 1 ACRE	50	0
< 3 ACRE	100	0
> 3 ACRE	100	50



PLAN



SECTION

(A) 4" CRUSHED ROCK WITH GEOTEXTILE MATERIAL UNDERNEATH.

(B) THE MINIMUM LENGTH SHALL BE LENGTHENED AS NECESSARY TO ENSURE MATERIAL IS NOT TRACKED INTO THE PUBLIC RIGHT-OF-WAY. ALTERNATE CONSTRUCTION ENTRANCES WILL BE ALLOWED WITH APPROVAL OF THE CITY ENGINEER ON A CASE BY CASE BASIS, WHERE PHYSICAL SITE CONDITIONS AND SIZE DICTATE

(C) ATB DRIVEWAY RAMP, OR SITE ACCESS ROAD 20' WIDE MIN. SEE TABLE ABOVE FOR REQUIRED LENGTH.

(D) INSTALL ORANGE BARRIER FENCE TO DIRECT TRAFFIC ONTO CONSTRUCTION ENTRANCE

(E) INSTALL 12" MIN. DIA. CULVERT IF A ROADSIDE DITCH IS PRESENT.

NOTES:

1 SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.

2 MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.

3 WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS USED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.

4 PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

NOT TO SCALE

APPROVED BY	DATE		STABILIZED CONSTRUCTION ENTRANCE	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-250
TOWN ENGINEER				

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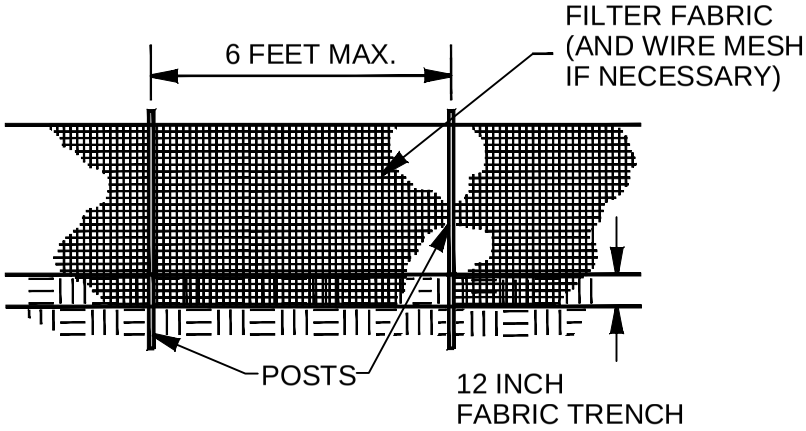
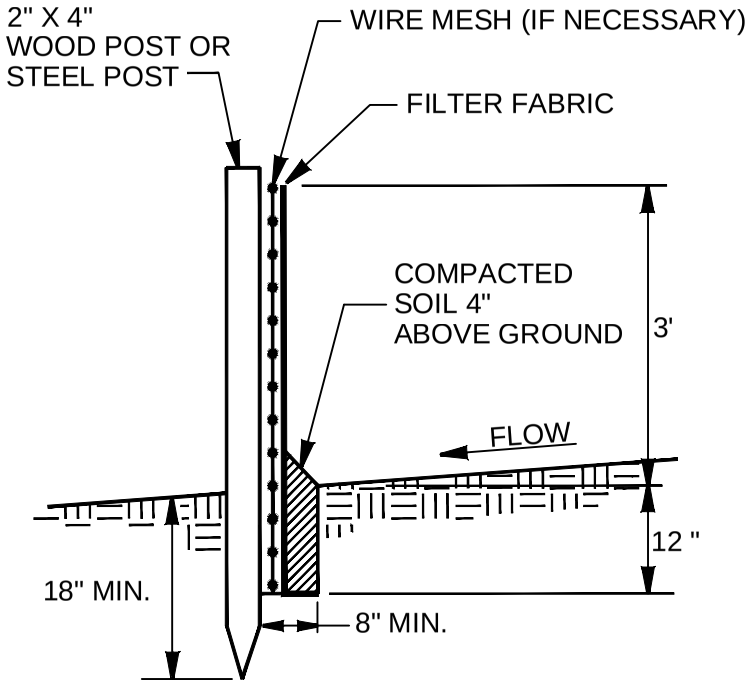
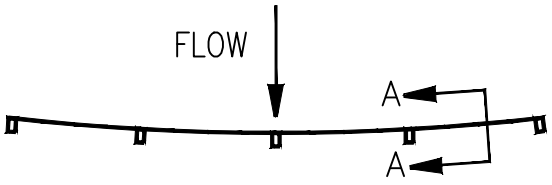


FRONT VIEW



SECTION A-A



PLAN

NOTES:

1. SILT FENCE SHALL BE CONSTRUCTED LONG ENOUGH TO EXTEND ACROSS THE EXPECTED FLOW PATH.
2. FILTER FABRIC SHALL BE PROPYLENE, NYLON, POLYESTER OR ETHYLENE YARN WITH A MINIMUM TENSILE STRENGTH OF 50 LBS. PER LINEAR FOOT AT 20 PERCENT MAXIMUM ELONGATION AND CONTAINING ULTRAVIOLET INHIBITORS. FILTER FABRIC SHALL RETAIN A MINIMUM OF 85% OF THE SOIL, BY WEIGHT, BASED ON SIEVE ANALYSIS, BUT IS NOT FINER THAN AN EQUIVALENT OPENING SIZE OF 70. WHEN STANDARD STRENGTH FABRIC IS USED, A WIRE MESH SUPPORT SHALL BE SECURELY FASTENED TO THE UPSLOPE SIDE OF POSTS.
3. SUPPORT POSTS SHALL BE A MINIMUM 4.5' LONG 2" X 4" WOOD POSTS OR 'T' SECTION FENCE POSTS DRIVEN A MINIMUM OF 18 INCHES INTO THE GROUND. POSTS SHALL BE SPACED A MAXIMUM OF 6 FEET APART. FABRIC SHALL BE SECURELY FASTENED TO POSTS WITH 1 INCH STAPLES OR 16 GAUGE WIRE TIES SPACED A MAXIMUM OF 6 INCHES APART.
4. A 12 INCH FABRIC TRENCH SHALL BE EXCAVATED ALONG THE UPHILL SIDE OF SILT FENCE POSTS. THE BOTTOM EDGE OF THE FABRIC SHALL EXTEND TO AND ACROSS THE BOTTOM OF THE TRENCH. THE TRENCH SHALL BE BACKFILLED TO 4 INCHES ABOVE GROUND AND COMPACTED TO BURY AND SECURE THE BOTTOM OF THE FILTER FABRIC.
5. CONTRACTER SHALL MAKE INSPECTIONS WEEKLY DURING THE WET SEASON, MONTHLY DURING THE DRY SEASON AND IMMEDIATELY AFTER EACH RAINFALL TO DETERMINE IF REPAIRS AND SEDIMENT REMOVAL IS REQUIRED. SEDIMENT SHALL BE REMOVED BEFORE IT HAS REACHED ONE THIRD THE HEIGHT OF THE FILTER FABRIC.

NOT TO SCALE

APPROVED BY

TOWN ENGINEER

DATE

NOVEMBER 2010

SILT FENCE

STD. PLAN NO.

ST-251

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APPROVED BY

TOWN ENGINEER

DATE

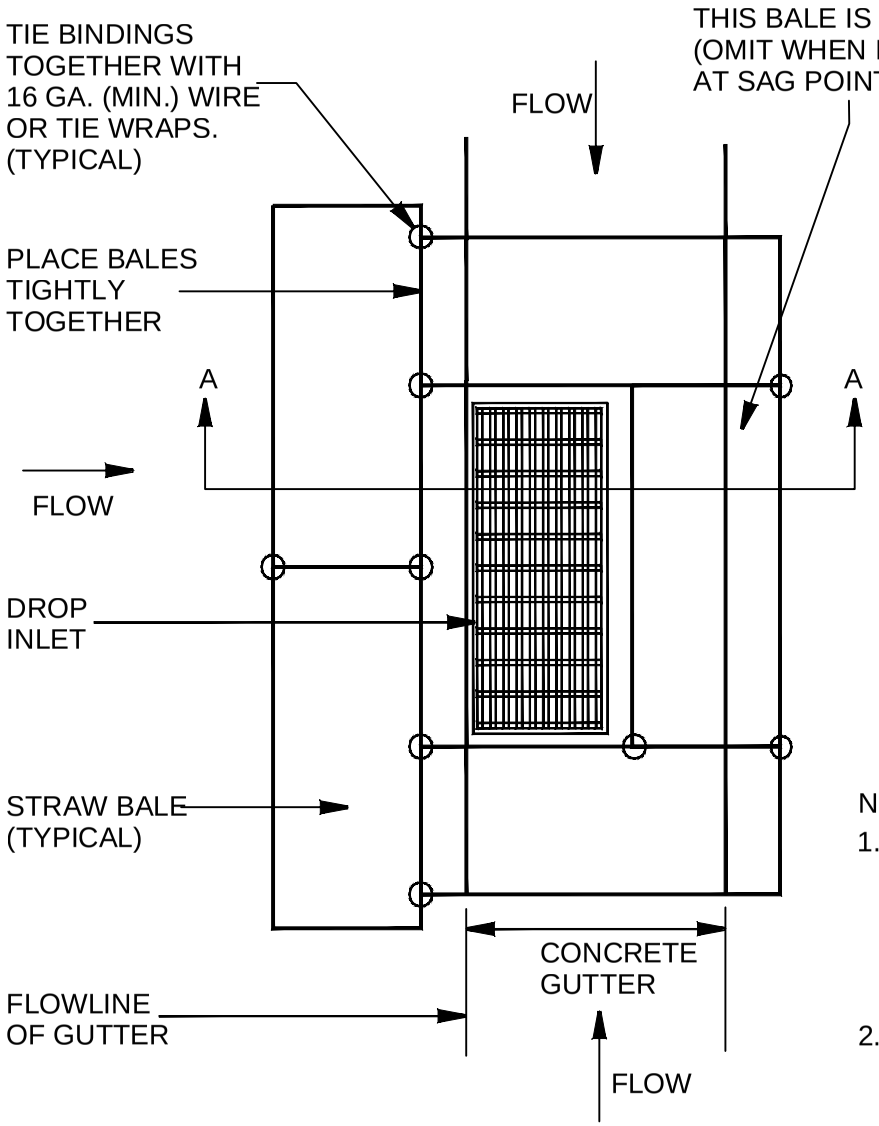
NOVEMBER 2010

TOWN OF LOS GATOS

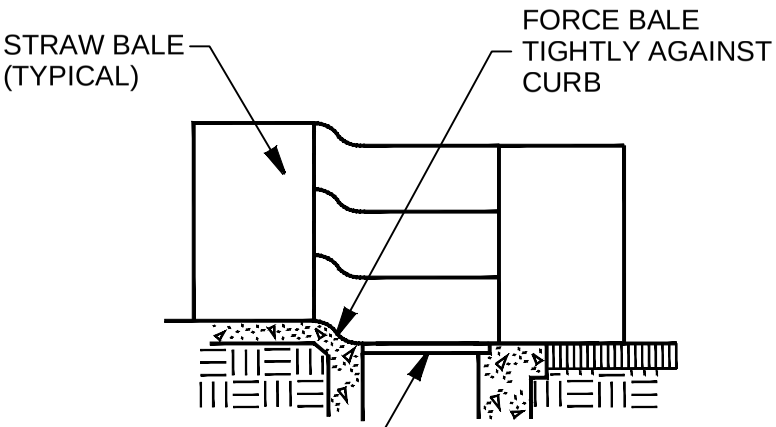
STRAW BALE INLET FILTER WITH GUTTER

STD. PLAN NO.

ST-252



PLAN VIEW

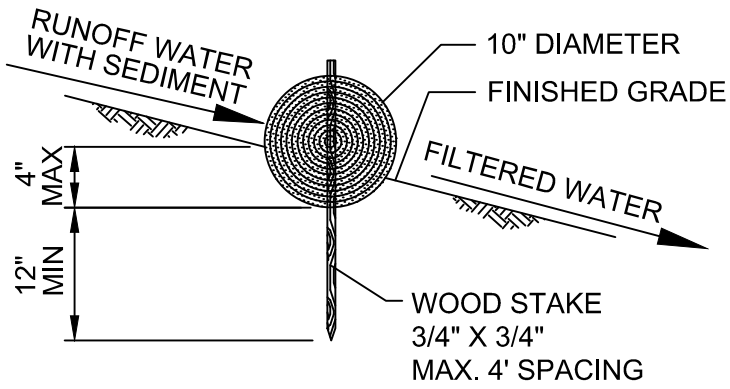


SECTION A-A

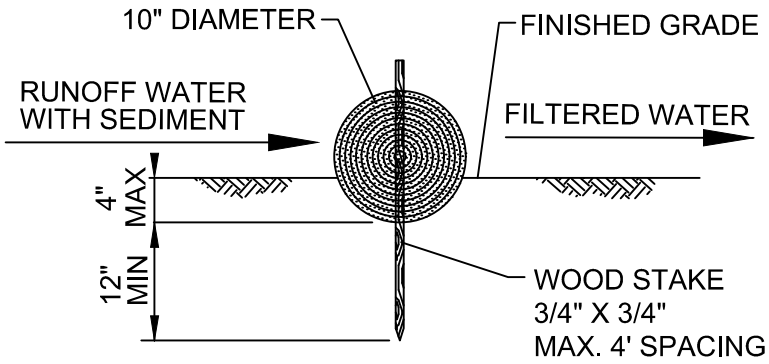
NOTES:

1. BALES SHALL BE PLACED WITH BINDINGS IN A HORIZONTAL POSITION. BALES SHALL BE TIGHTLY BOUND TOGETHER USING A MINIMUM OF 16 GA. WIRE OR TIE WRAPS TO TIE BINDINGS BETWEEN BALES. USE THE MINIMUM NUMBER OF BALES THAT PROVIDE PERIMETER COVERAGE WITHOUT COVERING ANY PORTION OF THE GRATE INLETS.
2. CONTRACTOR SHALL INSPECT BALES WEEKLY AND AFTER EACH RAINFALL TO DETERMINE IF REPAIR OR SEDIMENT REMOVAL IS REQUIRED. SEDIMENT SHALL BE REMOVED ON A REGULAR BASIS.
3. CONTRACTOR SHALL INSPECT BALES DAILY FOR PROPER PLACEMENT AROUND THE DRAIN INLETS.
4. BALES SHALL BE REPLACED WHEN THEY HAVE BEEN DAMAGED, COLLAPSED OR DECOMPOSED.

NOT TO SCALE



ENTRENCHMENT DETAIL
IN SLOPE AREA



ENTRENCHMENT DETAIL
IN FLAT AREA

NOTES:

1. STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3" TO 4" DEEP.

2. ADJACENT ROLLS SHALL TIGHTLY ABUT.

3. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND STRAW ROLL.

4. STRAW ROLLS SHALL BE PLACED ON SLOPES @ MAX. 25' SPACING.

NOT TO SCALE

APPROVED BY

TOWN ENGINEER

DATE

NOVEMBER 2010

STRAW ROLL

STD. PLAN NO.

ST-253

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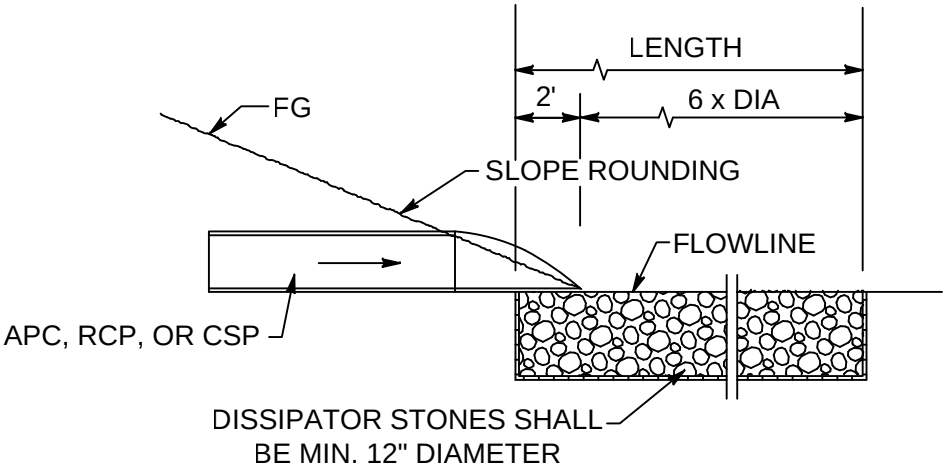
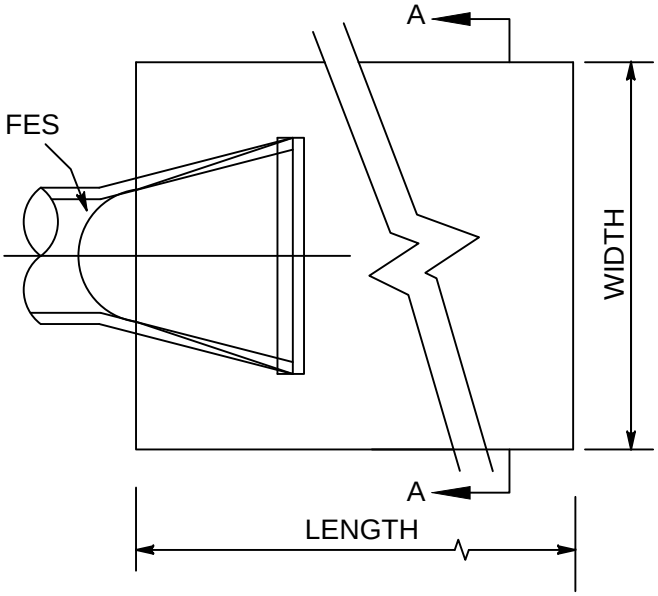
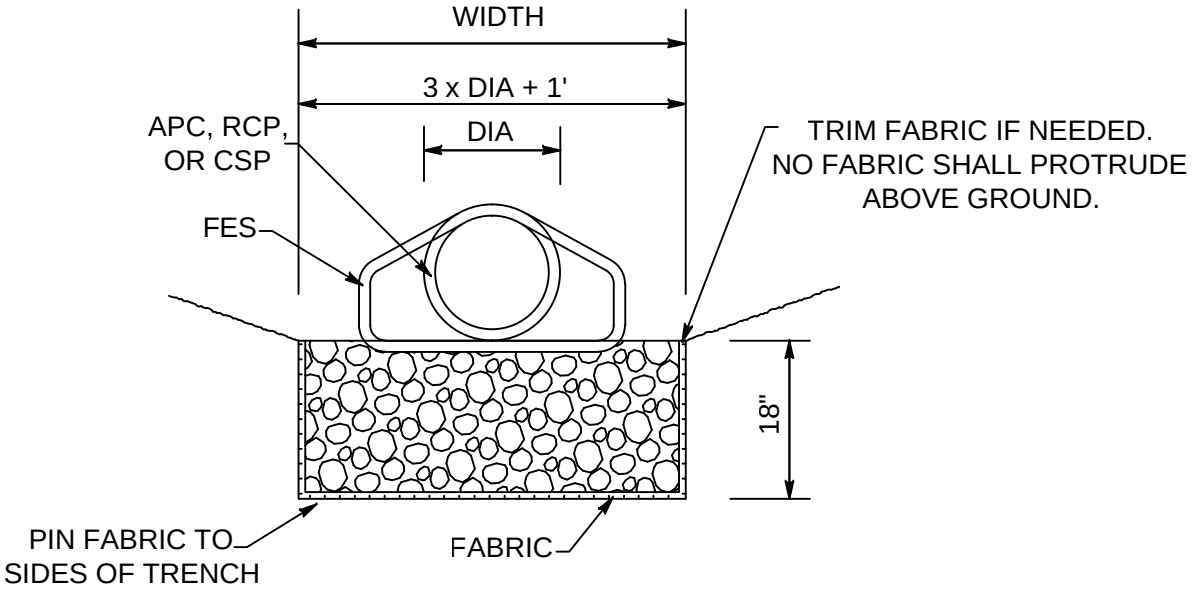


PROFILE



PLAN



SECTION A-A

NOT TO SCALE

APPROVED BY	DATE		ENERGY DISSAPATOR	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-254
TOWN ENGINEER				

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INTERIM EROSION CONTROL MEASURES

(USE AS APPLICABLE TO YOUR PROJECT.)

NOTES:

1. IT IS THE RESPONSIBILITY OF THE OWNER/CONTRACTOR TO INSURE THAT NO MUD OR SILTATION LEAVES THE PROJECT SITE.

2. INTERIM EROSION CONTROL MEASURES MUST BE COMPLETED AND IN PLACE BY OCTOBER 1.

3. ALL INTERIM EROSION CONTROL MEASURES MUST BE CONTINUOUSLY MAINTAINED THROUGHOUT THE OCTOBER 1 TO APRIL 15 RAINY SEASON.

4. CALL THE INSPECTION LINE AT (408) 399-5760 BY SEPTEMBER 15 FOR INSPECTION OF EROSION CONTROL DEVICES. CALL 24 HOURS IN ADVANCE. INCLUDE GRADING PERMIT NUMBER.

5. IF EROSION CONTROL MEASURES ARE NOT IN PLACE AS REQUIRED OR NOT MAINTAINED, ALL WORK SHALL CEASE UNTIL EROSION CONTROL MEASURES ARE REMEDIED.

MEASURES:

1. INSTALL SILT FENCE. PROVIDE DETAIL, SHOW LOCATION ON PLANS AND ADD NOTES AS NEEDED.

2. SEED EXPOSED AREAS PER TOWN SPECIFICATIONS. SEE BELOW.

3. INSTALL DRAINAGE MEASURES INCLUDING CATCH BASINS, ENERGY DISSIPATORS, ETC. PROVIDE DETAIL, SHOW LOCATIONS ON PLANS, AND ADD NOTES AS NEEDED.

4. INSTALL CHECK DAMS, SEDIMENT TRAPS AND BASINS, TEMPORARY SWALES.

5. INSTALL JUTE NETTING OVER SEEDED AND MULCHED SLOPES.

6. COVER BARE SLOPES WITH STRAW BLANKETS.

SEEDING SPECIFICATIONS:

1. SEED AND MULCH WILL BE APPLIED BY OCT 1 TO ALL DISTURBED SLOPES AND TO ALL CUTS AND FILL SLOPES WITHIN OR ADJACENT TO PUBLIC RIGHTS-OF-WAY AS DIRECTED BY TOWN ENGINEER.

2. SEED AND FERTILIZER WILL BE APPLIED HYDRAULICALLY OR BY HAND AT THE RATES SPECIFIED BELOW. ON SLOPES, STRAW WILL BE APPLIED BY BLOWER OR BY HAND AND ANCHORED IN PLACE BY PUNCHING OR WITH JUTE NETTING.

ITEM	POUNDS/ACRE
"Blando" brome	30
Annual rye grass	20
Fertilizer (16-20-0 & 15% sulfur)	500
Straw	4,000

3. SEEDED AREAS WILL BE REPAIRED, RESEEDED AND MULCHED, IF DAMAGED.

APPROVED BY	DATE		INTERIM EROSION CONTROL NOTES	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-255
TOWN ENGINEER				

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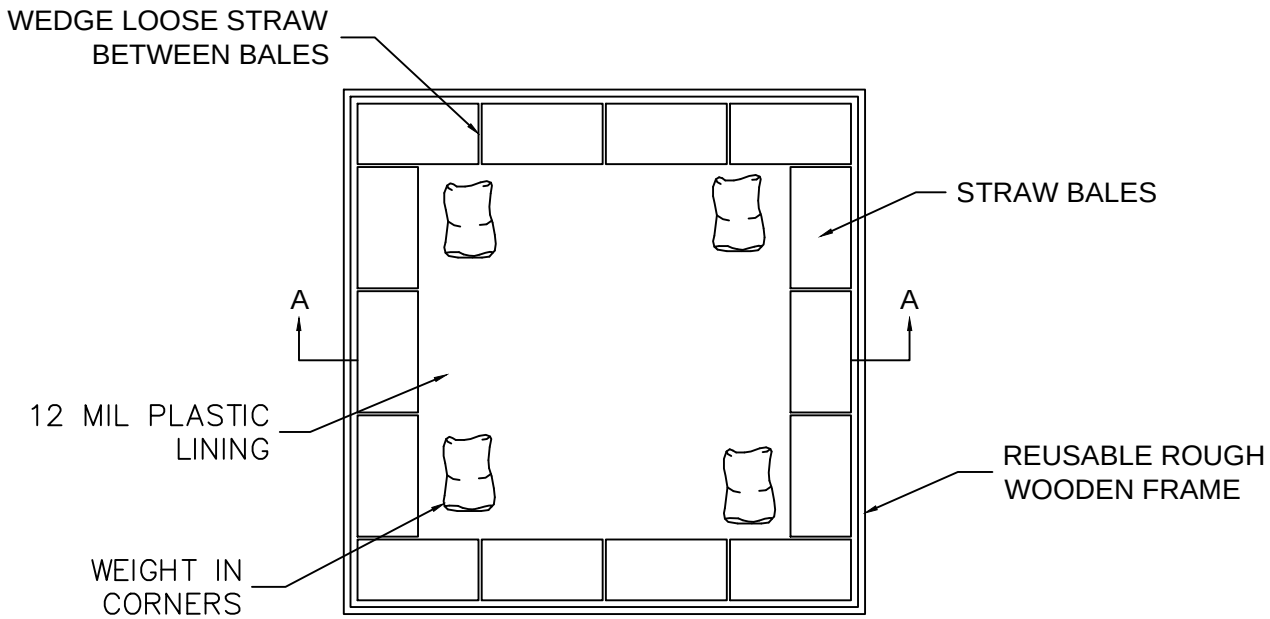
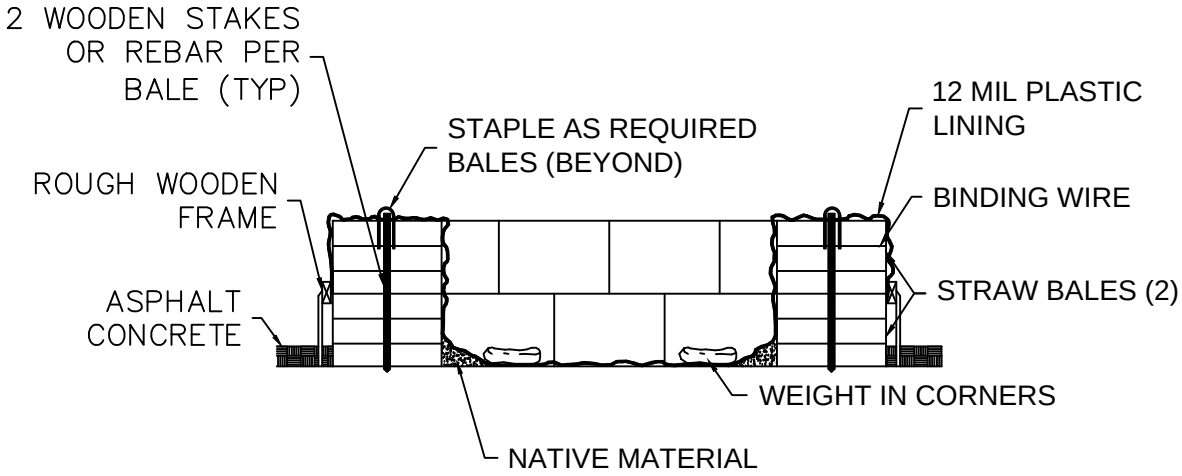


PLAN



SECTION A-A

APPROVED BY	DATE		TEMPORARY CONCRETE WASHOUT FACILITY	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			ST-256
TOWN ENGINEER				

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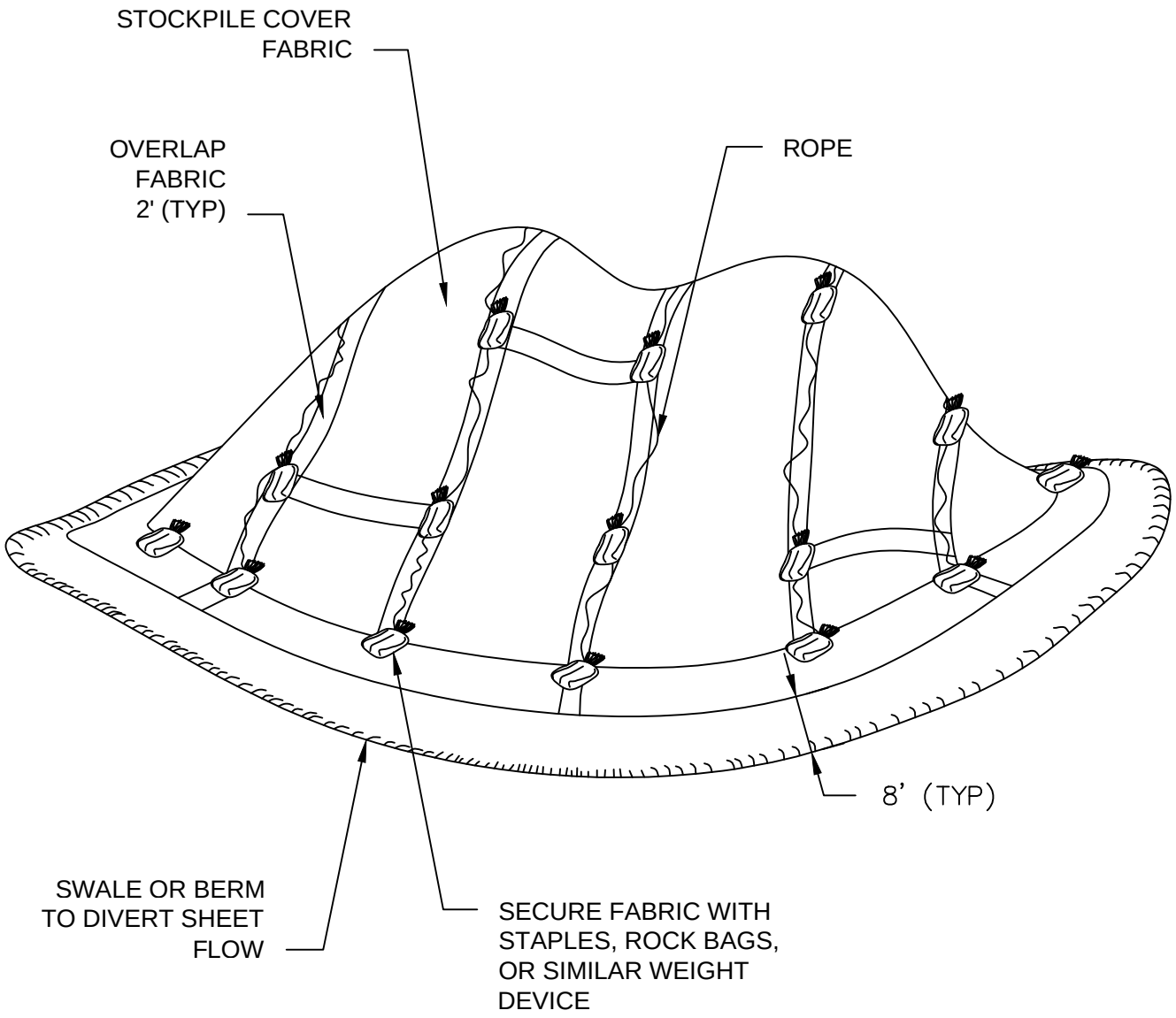

PERSPECTIVE

APPROVED BY	DATE		TEMPORARY STOCKPILE COVER	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-257
TOWN ENGINEER				

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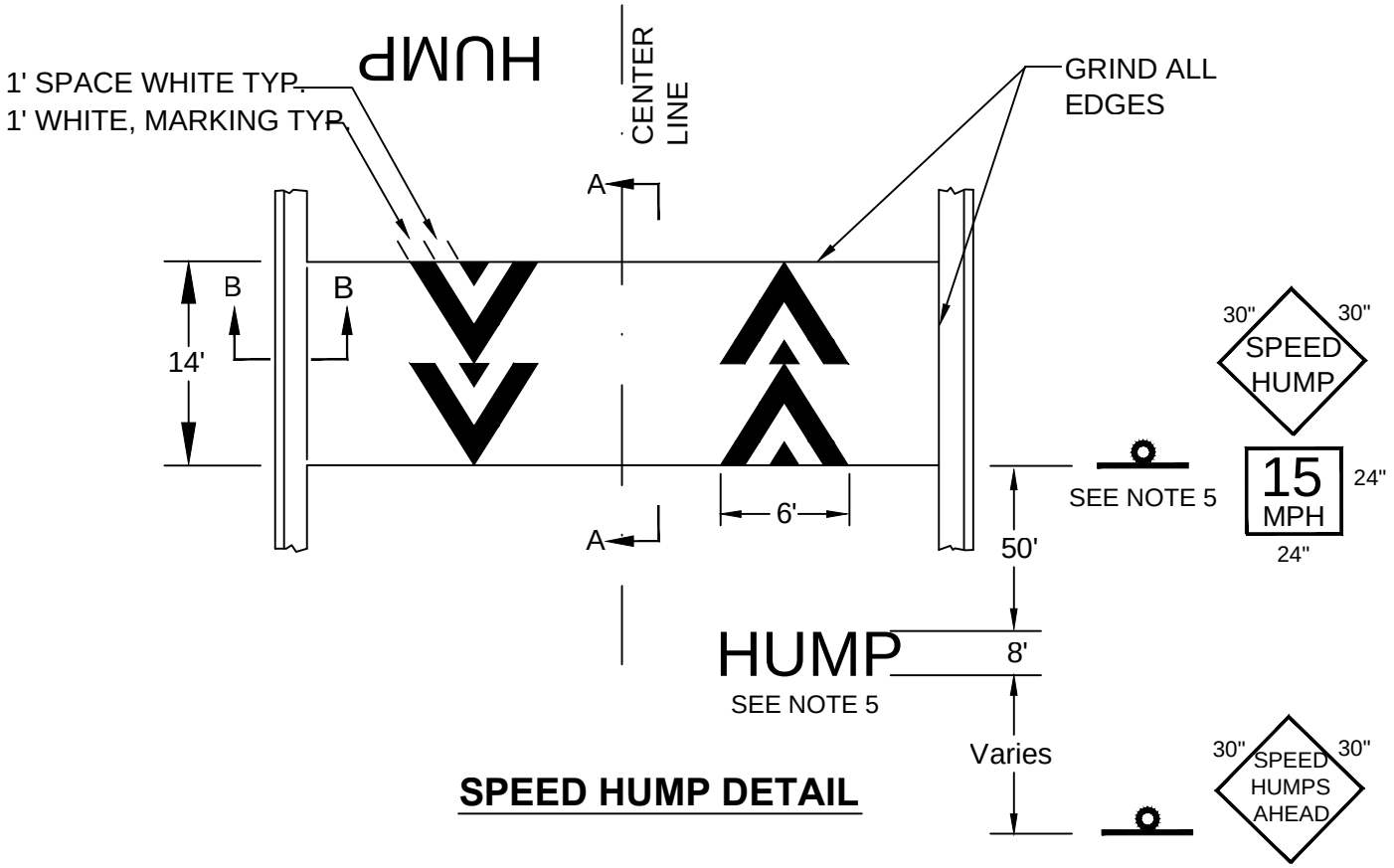
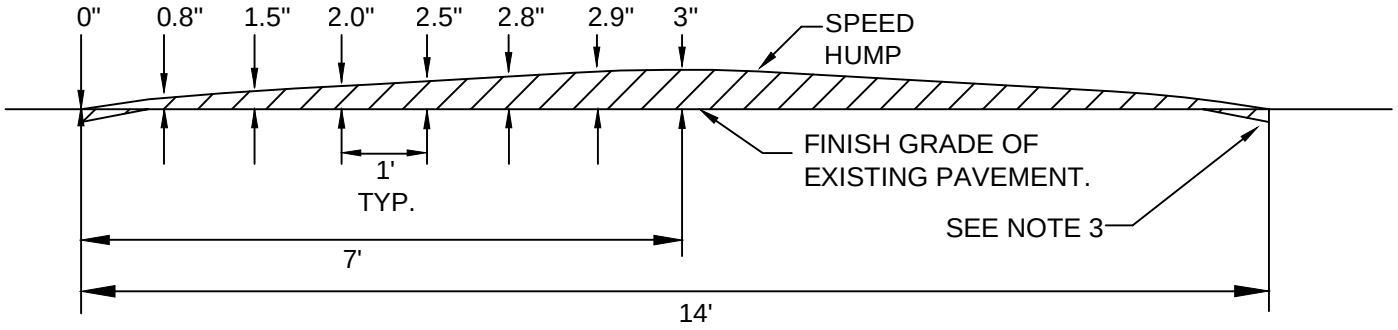
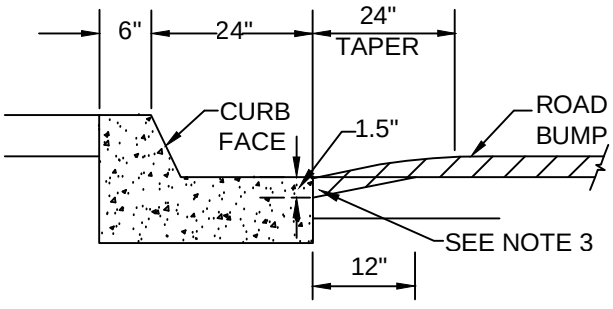


SPEED HUMP DETAIL



SECTION A-A



SECTION B-B

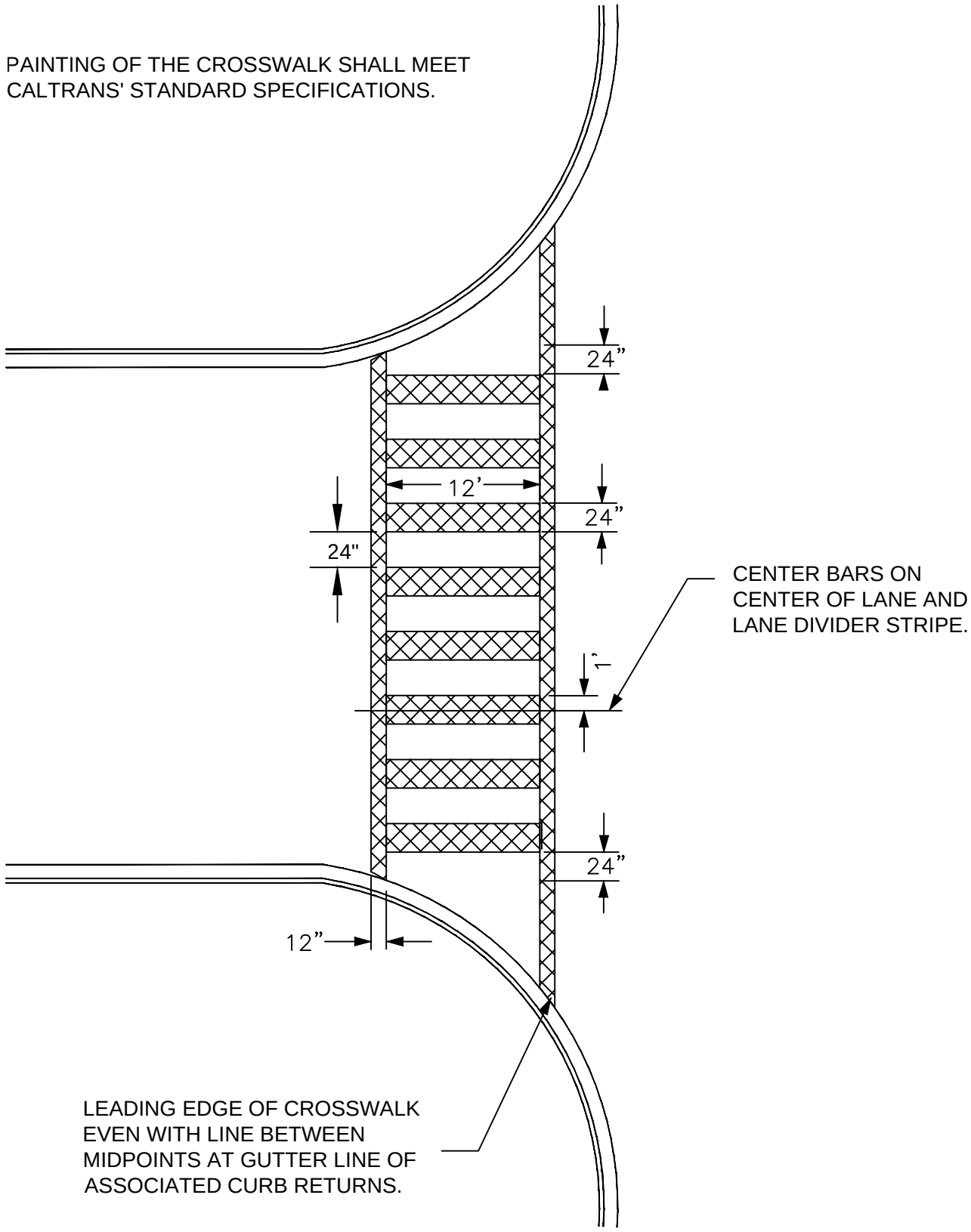
NOTES:

1. PLACE IN TWO LIFTS.
2. TYPE A A.C. AR-4000, MAXIMUM AGGREGATE SIZE 1/2".
3. GRIND TO KEY IN ALL EDGES (1.5" BY 12").
4. SIGNS SHOWN TYPICAL IN BOTH DIRECTIONS.
5. OPTIONAL FOR HUMPS WITHIN A SERIES.
6. SIGNS SHALL BE 3M DIAMOND GRADE.

APPROVED BY	DATE		SPEED HUMP DETAIL	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-260
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\ST-260.dwg

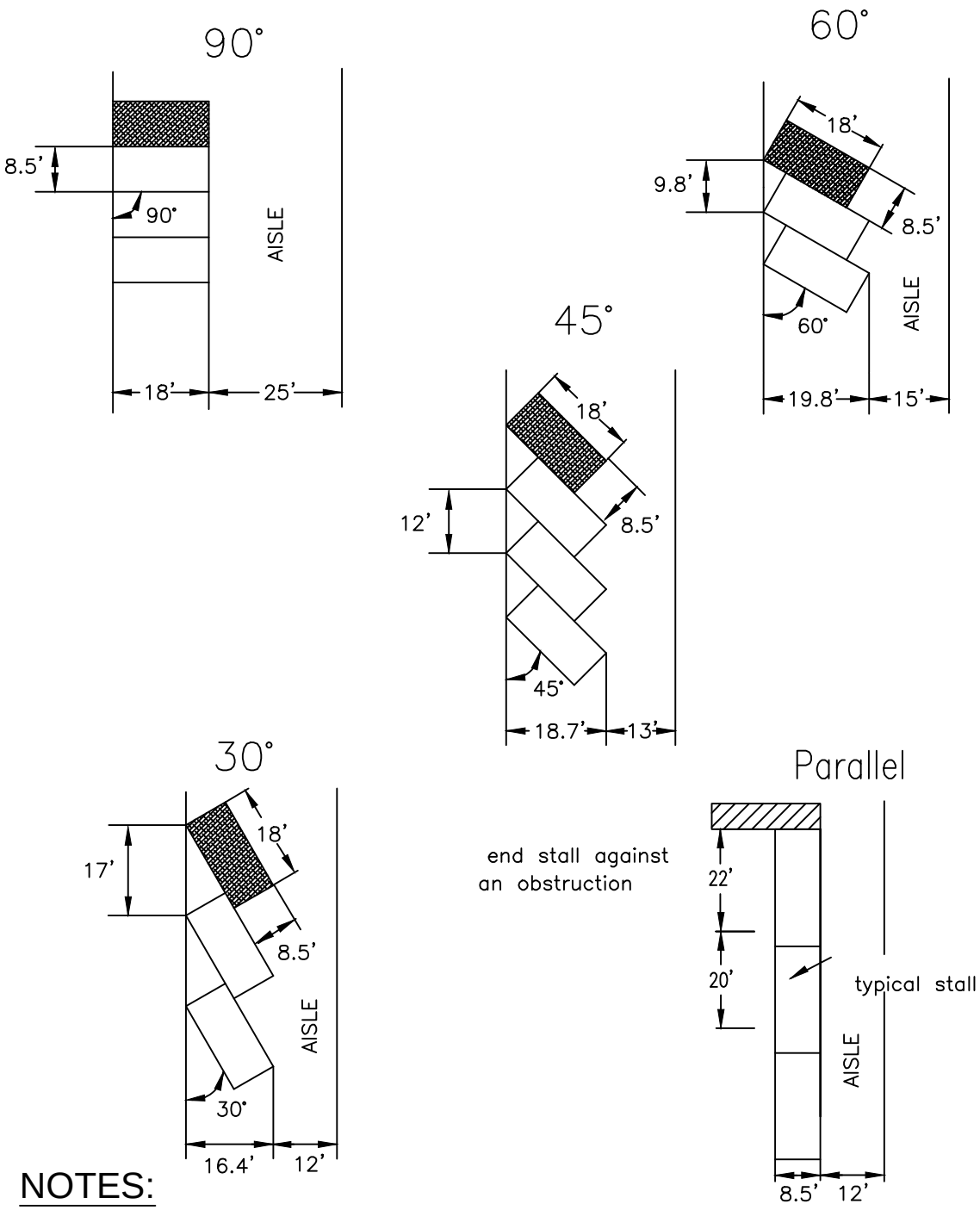
PAINTING OF THE CROSSWALK SHALL MEET CALTRANS' STANDARD SPECIFICATIONS.



NOT TO SCALE

APPROVED BY	DATE		CROSSWALK MARKING	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-261
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\ST-261.dwg



NOTES:

1. THESE DIMENSIONS SHALL BE USED WHEN OVERHANG FROM FRONT VEHICLE WHEEL IS NOT PRESENT.

2. ALL STRIPING SHALL COMPLY WITH "OFF-STREET PARKING DOUBLE STRIPE" DETAIL 264 AND "ACCESSIBLE PARKING" DETAIL 265.

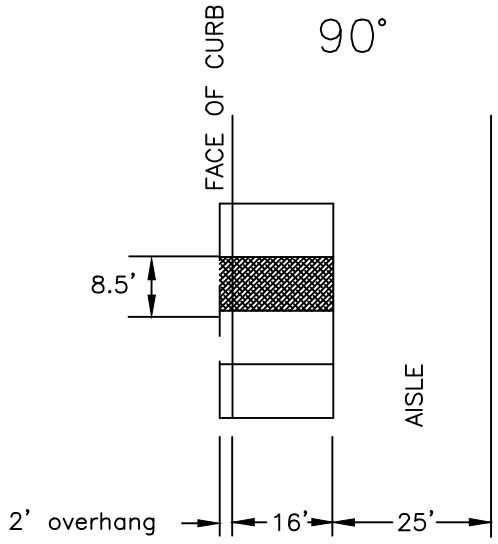
3. ALL OFF-STREET PARKING SHALL COMPLY WITH SECTION 29.10.155 OF THE LOS GATOS TOWN CODE.

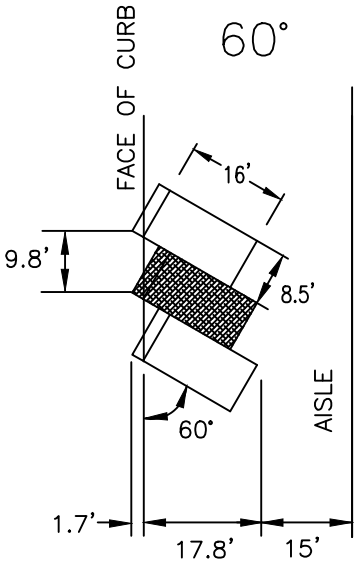
4. WHEEL STOPS ARE NOT PERMITTED. CONTINUOUS CURBING MAY BE USED.

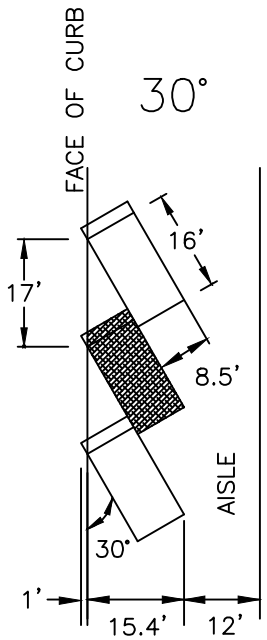
NOT TO SCALE

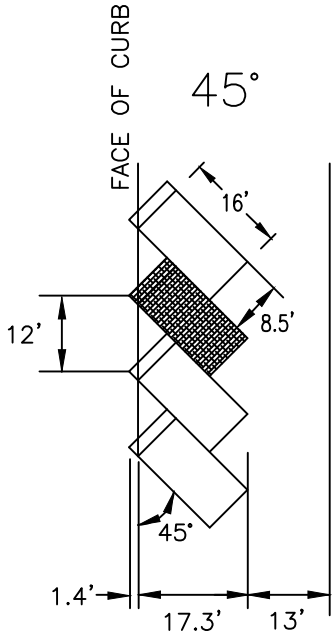
APPROVED BY	DATE		OFF-STREET PARKING WITHOUT OVERHANG	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-262
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\ST-262.dwg









NOTES:

1. THESE DIMENSIONS SHALL BE USED WHEN OVERHANG FROM FRONT VEHICLE WHEEL IS PRESENT.

2. ALL STRIPING SHALL COMPLY WITH "OFF-STREET PARKING DOUBLE STRIPE" DETAIL 264 AND "ACCESSIBLE PARKING" DETAIL 265.

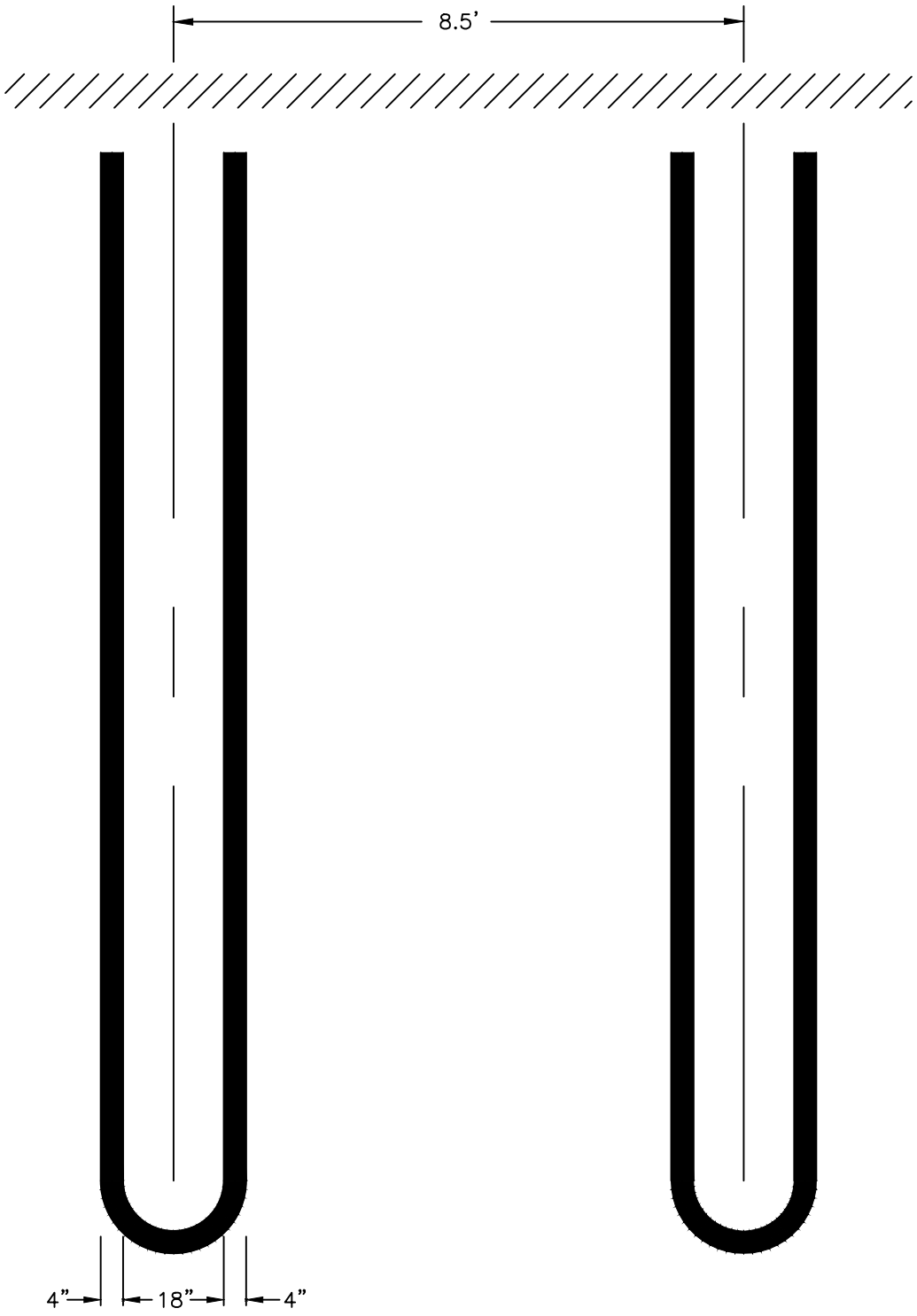
3. ALL OFF-STREET PARKING SHALL COMPLY WITH SECTION 29.10.155 OF THE LOS GATOS TOWN CODE.

4. WHEEL STOPS ARE NOT PERMITTED. CONTINUOUS CURBING MAY BE USED.

NOT TO SCALE

APPROVED BY	DATE		OFF-STREET PARKING WITH OVERHANG	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-263
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\ST-263.dwg



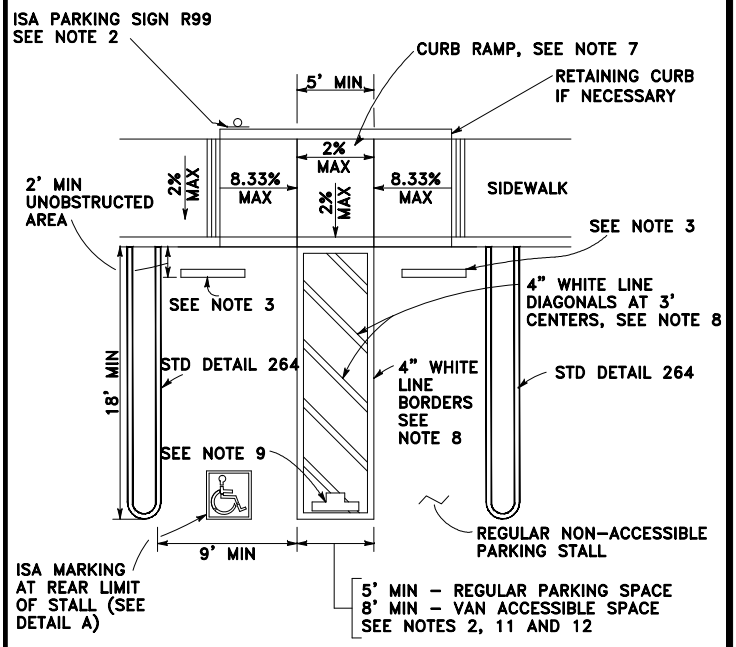
NOTES:

1. ALL OFF-STREET PARKING SHALL COMPLY WITH SECTION 29.10.155 OF THE LOS GATOS TOWN CODE.

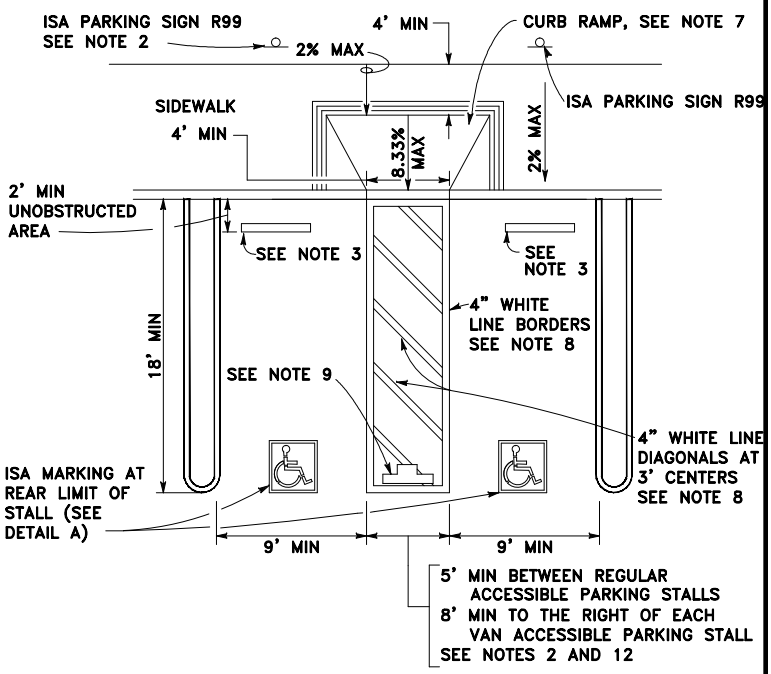
NOT TO SCALE

APPROVED BY	DATE		OFF-STREET PARKING DOUBLE STRIPE	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			ST-264
TOWN ENGINEER				

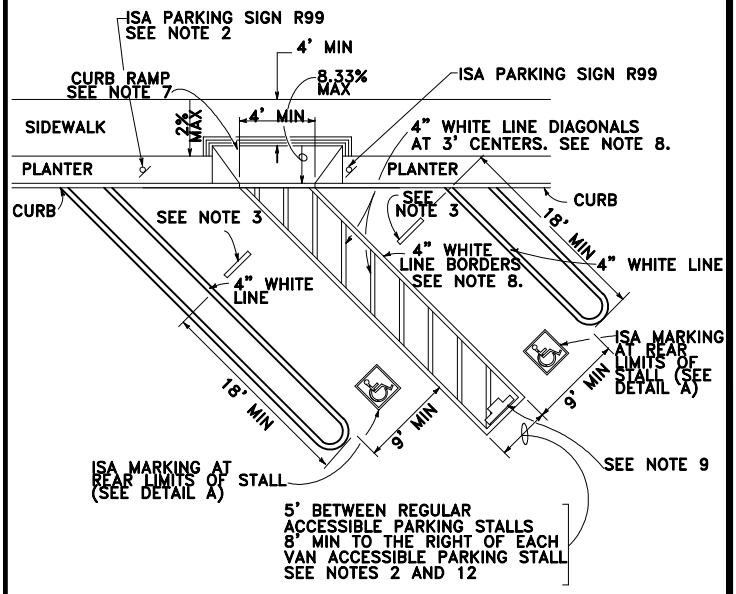
T:\GIS\PPW\TLG GENERAL\Standard Details\ST-264.dwg



SINGLE PARKING SPACE



DOUBLE PARKING SPACES

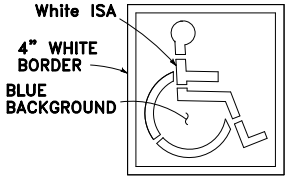


DIAGONAL PARKING SPACES

VAN ACCESSIBLE SIGN (R99A)
STANDARD 12" X 8"
SEE NOTES 2 AND 6

ISA PARKING SIGN (R99)
STANDARD 12" X 18"
SEE NOTE 6

SIGN (R100B)
STANDARD 18" X 24"
SEE NOTE 10



ISA MARKING FOR ACCESSIBLE
PARKING SPACE OR STALL

DETAIL A
ISA = INTERNATIONAL SYMBOL OF ACCESSIBILITY

Number of Accessible Parking:

TOTAL NUMBER OF PARKING SPACES OR STALLS	MINIMUM NUMBER OF DISABLED ACCESSIBLE PARKING SPACES OR STALLS
1–25	1
26–50	2
51–75	3
76–100	4
101–150	5
151–200	6
201–300	7
301–400	8
401–500	9
501–1000	2% OF TOTAL
>1000	20 + 1 FOR EACH 100 OR FRACTION THEREOF OVER 1001

TABLE A

PAVEMENT MARKING DETAIL
SEE NOTE 7

APPROVED BY	DATE		ACCESSIBLE PARKING (CBC Section 1129B)	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS	PLEASE REFER TO NOTES ON ST-266	ST-265
TOWN ENGINEER				

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NOTES:

1. ACCESSIBLE PARKING SPACES SERVING A PARTICULAR BUILDING SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL FROM ADJACENT PARKING TO AN ACCESSIBLE ENTRANCE. IN PARKING FACILITIES THAT DO NOT SERVE A PARTICULAR BUILDING, ACCESSIBLE PARKING SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL TO AN ACCESSIBLE PEDESTRIAN ENTRANCE OF THE PARKING FACILITY.

2. ONE IN EVERY EIGHT ACCESSIBLE OFF-STREET PARKING STALLS, BUT NOT LESS THAN ONE, SHALL BE SERVED BY AN ACCESSIBLE AISLE OF 8' MIN WIDTH AND SHALL BE SIGNED VAN ACCESSIBLE. THE R99A "VAN ACCESSIBLE" SIGN SHALL BE MOUNTED BELOW THE R99 "ISA PARKING" SIGN.

3. IN EACH PARKING STALL, A CURB OR BUMPER SHALL BE PROVIDED AND LOCATED TO PREVENT ENCROACHMENT OF VEHICLES OVE RTHE REQUIRED WIDTH OF WALKWAYS. PARKING STALLS SHALL BE SO LOCATED THAT PERSONS WITH DISABILITIES ARE NOT COMPELLED TO WHEEL OR WALK BEHIND PARKED VEHICLES OTHER THAN THEIR OWN.

4. SURFACE SLOPES OF ACCESSIBLE OFF-STREET PARKING STALLS SHALL BE THE MINIMUM POSSIBLE AND SHALL NOT EXCEED 2% IN ANY DIRECTION.

5. TABLE A SHALL BE USED TO DETERMINE THE REQUIRED NUMBER OF ACCESSIBLE PARKING STALLS IN ANY PARKING LOT OR GARAGE.

6. WHERE R99 "ISA PARKING" OR R99A "vAN ACCESSIBLE" SIGNS ARE INSTALLED ON SIDEWALKS OR OTHER PATHS OF TRAVEL, THE BOTTOM OF THE SIGN PANEL SHALL BE A MINIMUM OF 6'8" ABOVE THE SURFACE OF THE SIDEWALK OR PATH.

7. CURB RAMPS SHALL CONFORM TO THE STANDARD DETAIL 220-222.

8. BUILDING PERMIT(S) REQUIRED OFR NEW AND RESTRIPING OF EXISTING PARKING LOTS.

9. THE WORDS "NO PARKING" SHALL BE PAINTED IN WHITE LETTERS NO LESS THAN 12" HIGH AND LOCATED SO THAT IT IS VISIBLE TO TRAFFIC ENFORCEMENT OFFICIALS.

10. A R100B SIGN SHALL BE POSTED IN A CONSPICUOUS PLACE AT EACH ENTRANCE TO OFF-STREET PARKING FACILITIES OR IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL. THE SIGN SHALL INCLUDE THE ADDRESS WHERE THE TOWED VEHICLE MAY BE RECLAIMED AND THE TELEPHONE NUMBER OF THE LOCAL TRAFFIC LAW ENFORCEMENT AGENCY.

11. WHERE A SINGEL (NON-VAN) ACCESSIBLE PARKING SPACE IS PROVIDED, THE LOADING AND UNLOADING ACCESS AISLE SHALL BE ON THE PASSENGER SIDE OF THE VEHICLE AS THE VEHICLE IS GOING FORWARD INTO THE PARKING SPACE.

12. WHERE A VAN ACCESSIBLE PARKING SPACE IS PROVIDED, THE LOADING AND UNLOADING ACCESS AISLE SHALL BE 8' WIDE MINIMUM, AND SHALL ONLY BE ON THE PASSENGER SIDE OF THE VEHICLE AS THE VEHICLE IS GOING FORWARD INTO THE PARKING SPACE.

APPROVED BY	DATE		ACCESSIBLE PARKING NOTES (CBC Section 1129B)	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		ST-266
TOWN ENGINEER				

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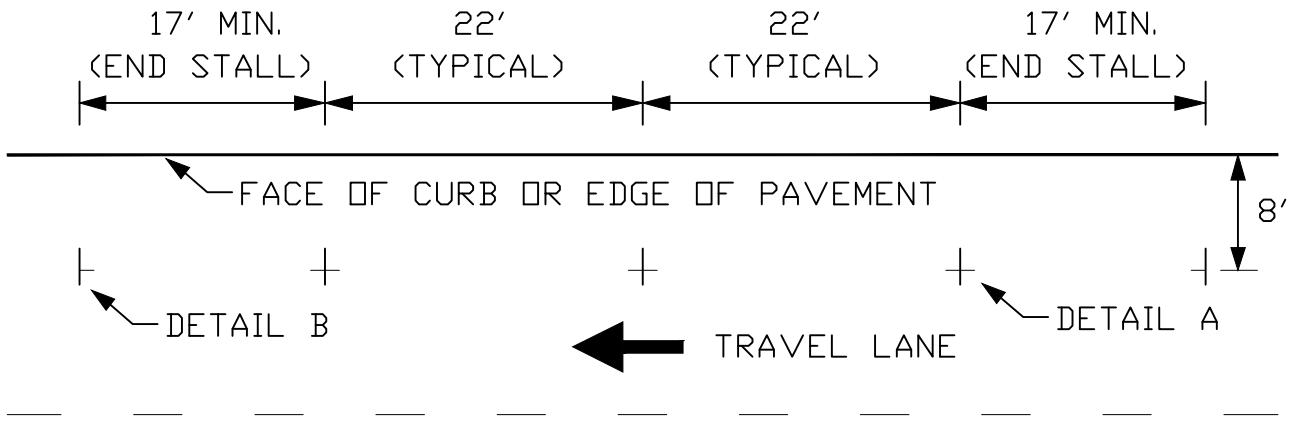

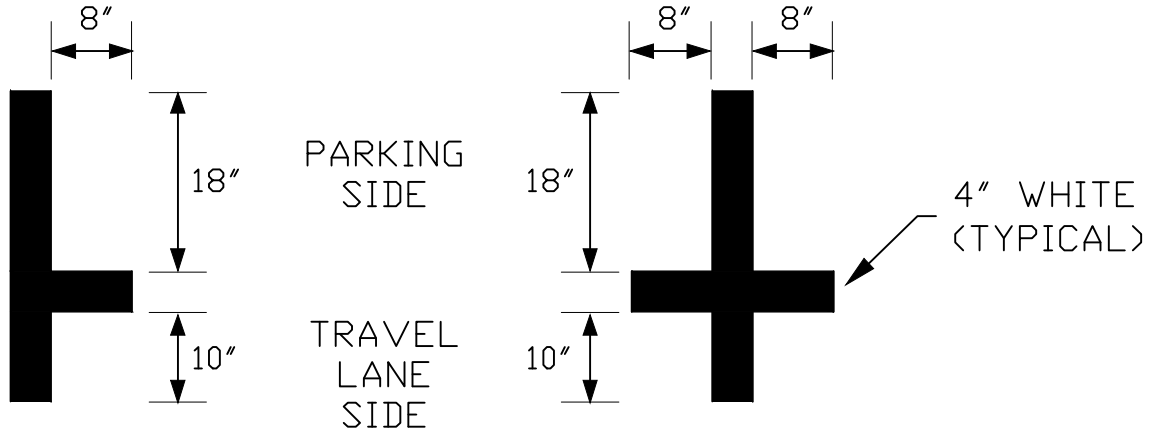

DETAIL B
PARKING T STENCIL
(END STALL)

DETAIL A
PARKING T STENCIL
(TYPICAL)

NOTES:

1. TYPICAL PARALLEL PARKING STALL IS 8′-WIDE 22′-LONG. END PARKING STALL LENGTH MAY BE REDUCED TO 17′ MINIMUM.
2. PARKING STALL WIDTH, IF APPROVED BY ENGINEER, MAY BE REDUCED TO 7′ MINIMUM FOR NARROW LOW VOLUME MINOR STREETS TO MAINTAIN DESIRED TRAVEL LANE WIDTH.

NOT TO SCALE

APPROVED BY	DATE		ON-STREET PARKING T STRIPING DETAIL	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			ST-267
TOWN ENGINEER				

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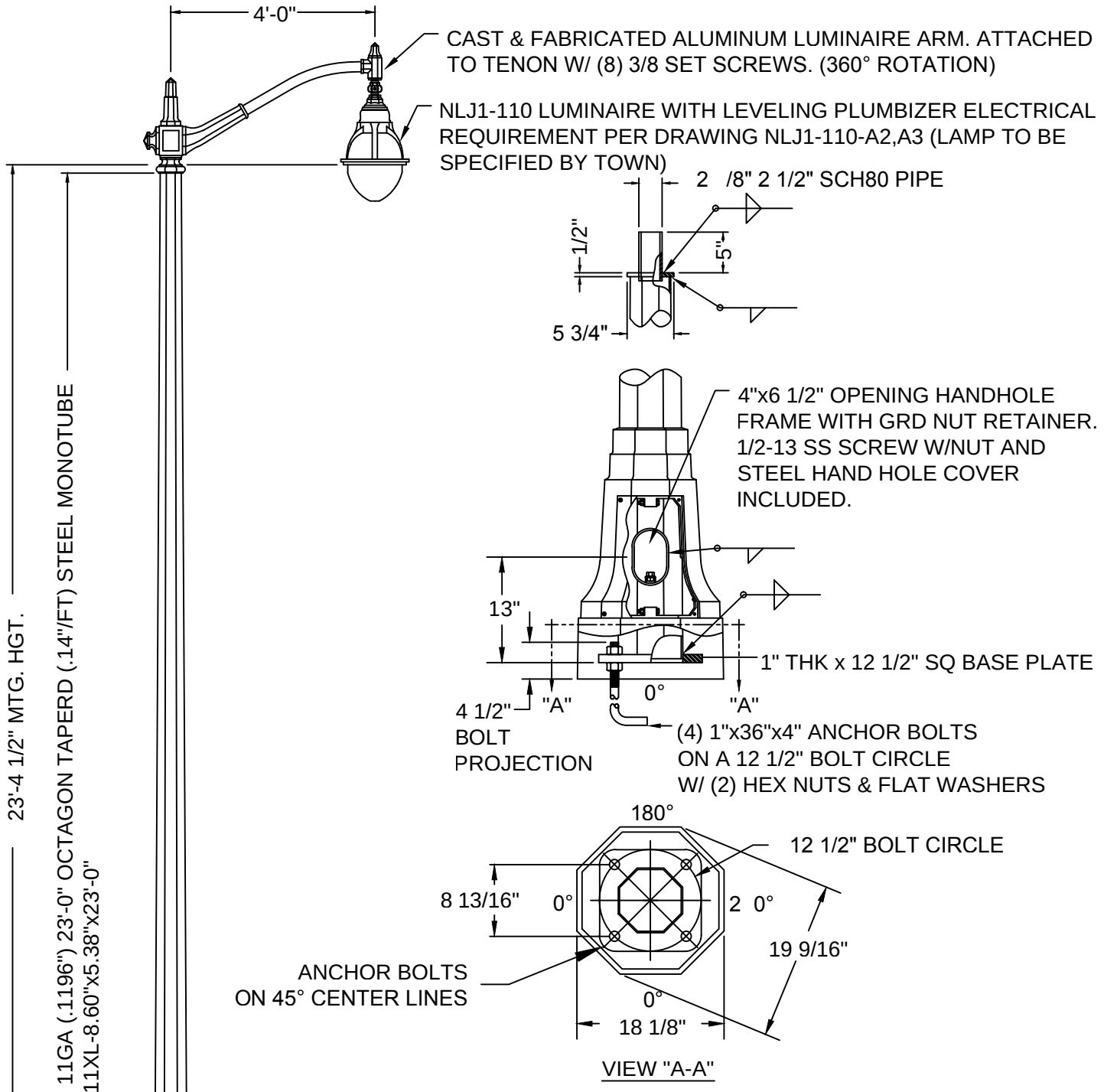

MATERIAL SPECIFICATIONS
TUBES: CHEM. & PHYSICAL PROP. OF ASTM A595 GR. A. *PLATE,BAR: ASTM A36* *ANCHOR BOLTS: ASTM A36 M55 TOP END GALV. TO A153* *ANCHOR BOLT NUTS: ASTM A563 GR.A GALV. TO A153* *MISC. HDWE: (STN. STL) AISI 300 SERIES (18-8)* *LUMINAIRE ARM: CAST ALUMINUM AA319F* *H.H. FRAME: ASTM A36 M55* *H.H. COVER: C1010 STL.* *PEDESTAL BASE: CAST IRON ASTM A48 CL30* *ALUM PIPE: 6061 T6* *FINISH PAINTED: PARK GREEN FINISH*

NOT TO SCALE

APPROVED BY	DATE			STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS	TEARDROP LIGHTING	ST-270
TOWN ENGINEER				

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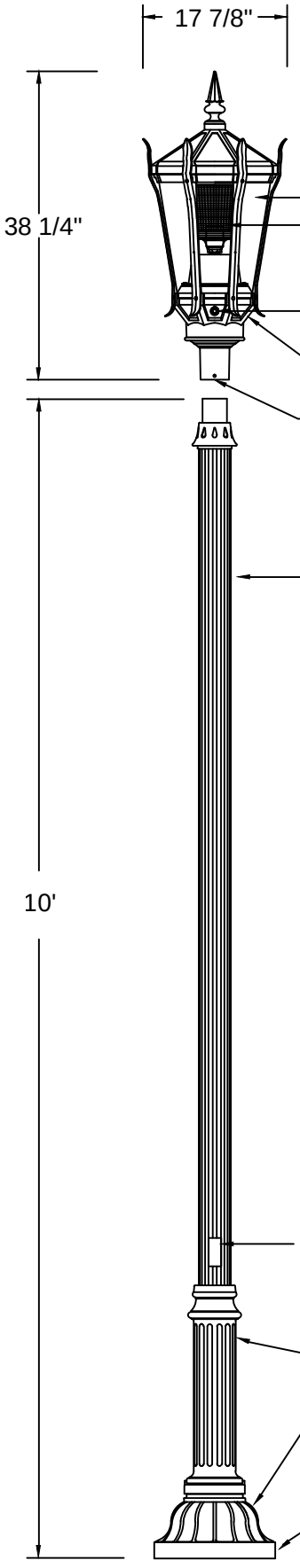

CLEAR TEXTURED ACRYLIC LENS
GLASS REFRACTOR TYPE 3 OR 5
PHOTOCELL
BALLAST COMPARTMENT
TO SLIP 3"DIA. BY 3" TALL TENON

4" FLUTED POLE
.125 WALL THICKNESS
6061-T6 STRUCTURAL
GRADE ALUMINUM
POLE WELDED FOR SINGLE UNIT CONSTRUCTION
PARK GREEN FINISH

NOTE:

1. LIGHT SHALL BE A STERNBERG MS805AO BD/4 - 3810 FP4 GFI PG/ 70HPS 240/RE3G/PEC2/CTA/PG

2. LAMPS TO BE SPECIFIED BY TOWN.

PROVIDE BLANK COVER PLATE
FOR FUTURE GFCI DUPLEX RECEPTACLE

.250 TO .188 WALL THICKNESS

ACCESS DOOR WITH STAINLESS
STEEL ALLEN HEAD SCREWS

15" BASE .8 5 FLOOR THICKNESS
4 ANCHOR BOLTS AND ONE GROUND LUG

NOT TO SCALE

APPROVED BY	DATE		STERNBERG LIGHTING	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			ST-271
TOWN ENGINEER				

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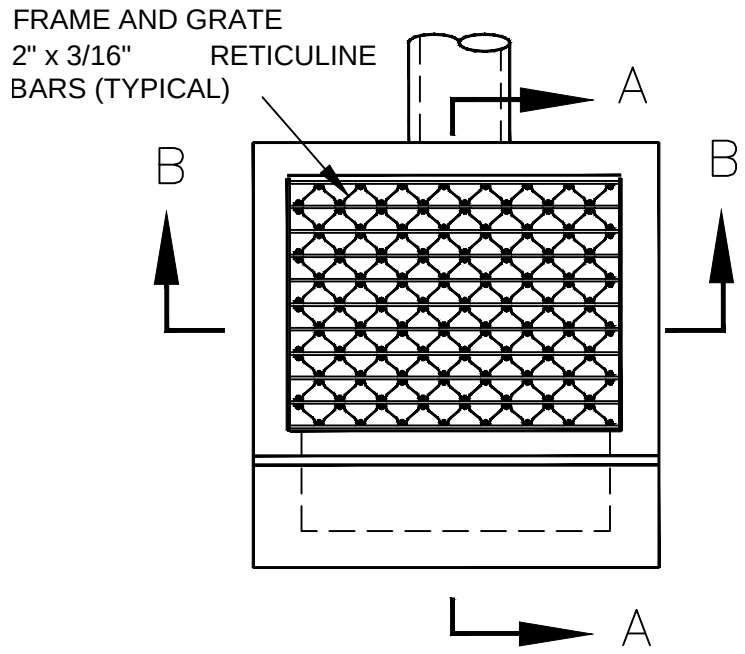
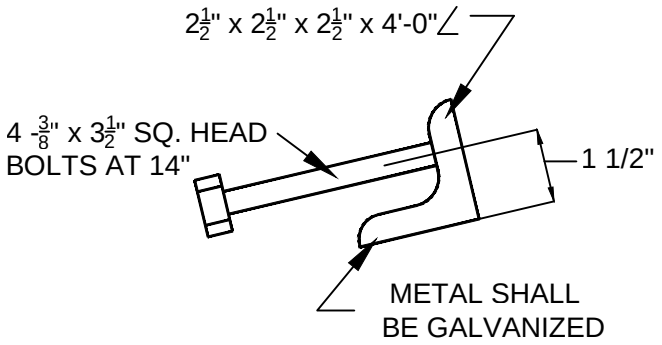
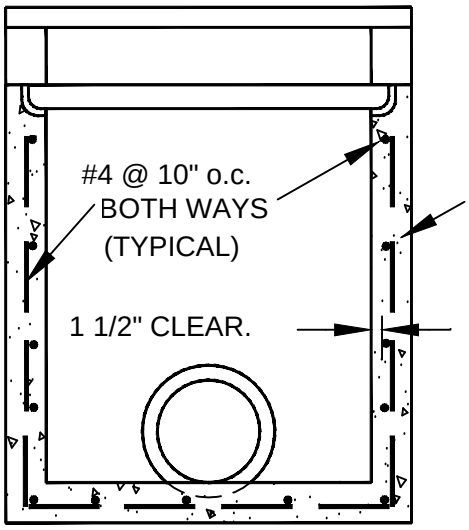


PLAN

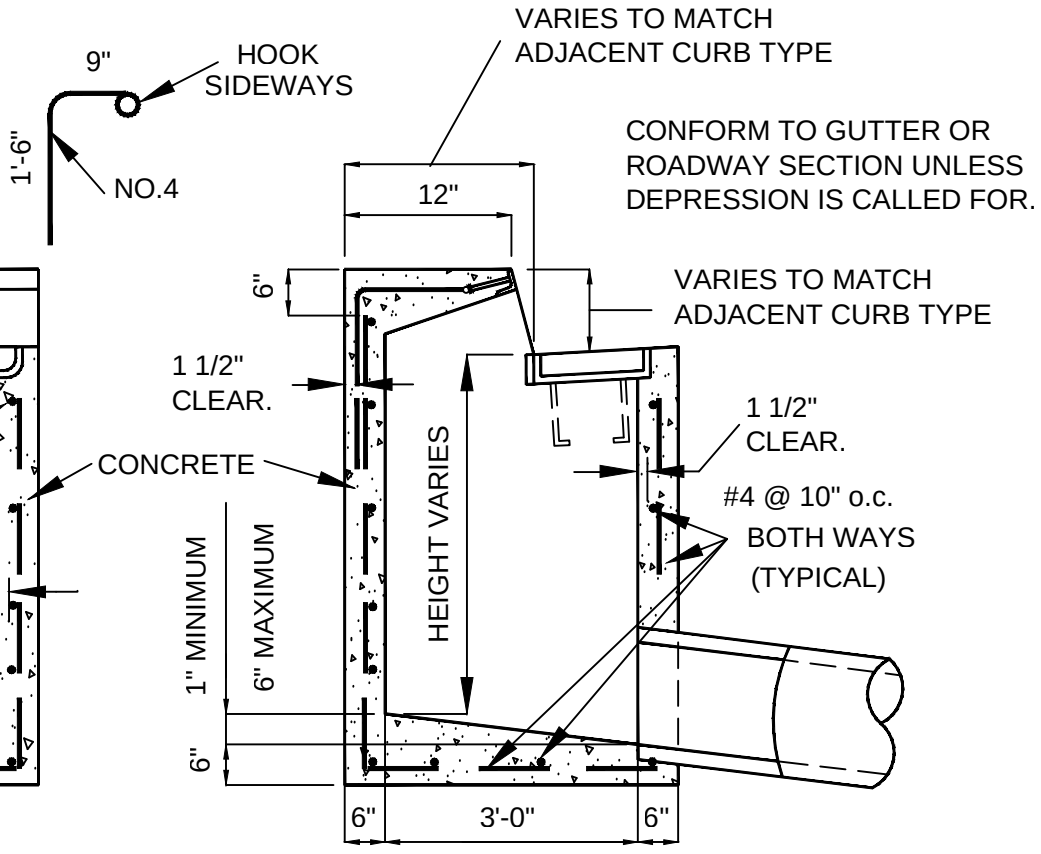


ANGLE ANCHOR

NOTE:
WHERE INLET IS LOCATED WITHIN A RETURN, ANGLE ANCHOR SHALL BE CURVED TO MATCH FACE OF CURB RADIUS.



SECTION B –B



SECTION A – A

APPROVED BY	DATE		STANDARD CURB INLET	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		SD-301
TOWN ENGINEER				

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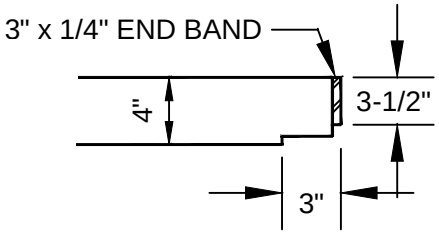
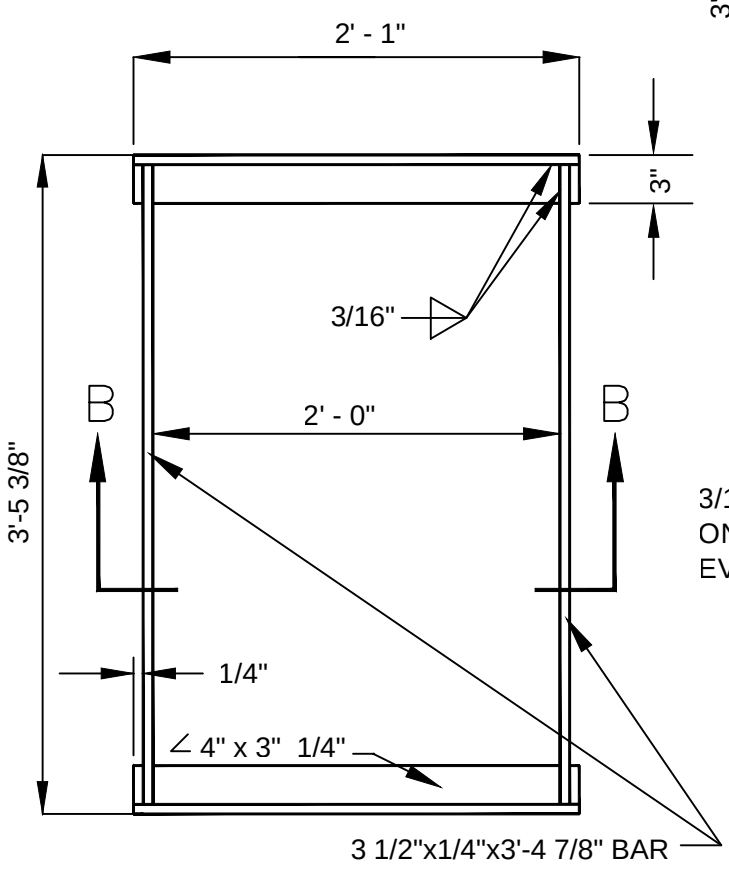
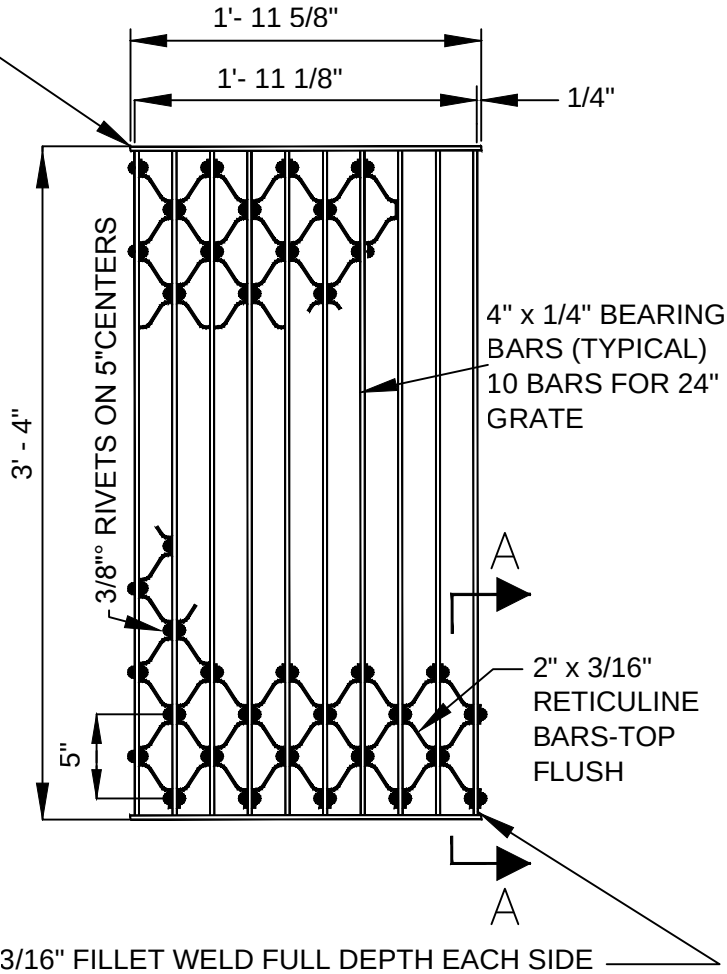


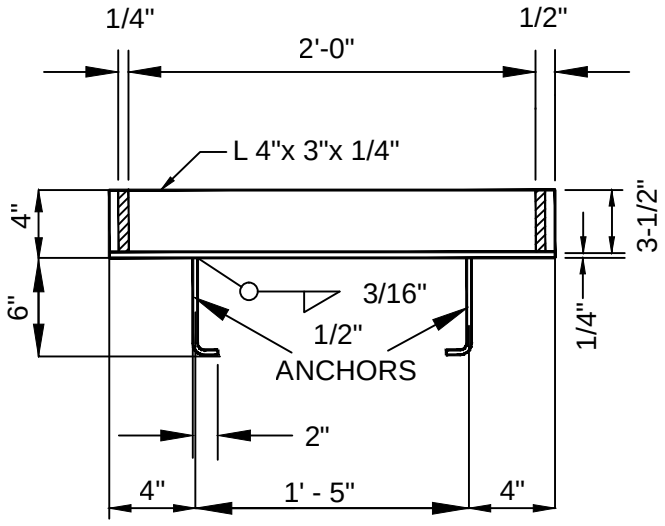
SECTION A – A



FRAME



GRATE



SECTION B – B

NOTE:

1. HINGED GRATE ONLY WHEN SPECIFIED.
2. PLACE GRATE BARS PARALLEL TO FLOW.
3. FRAME, GRATE AND ANCHORS SHALL BE GALVANIZED AFTER FABRICATION.
4. FRAME AND GRATE TO BE WELDED STEEL OR WRITTEN APPROVED ALTERNATIVE.

APPROVED BY	DATE		RETICULINE FRAME & GRATE	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			SD-302
TOWN ENGINEER				

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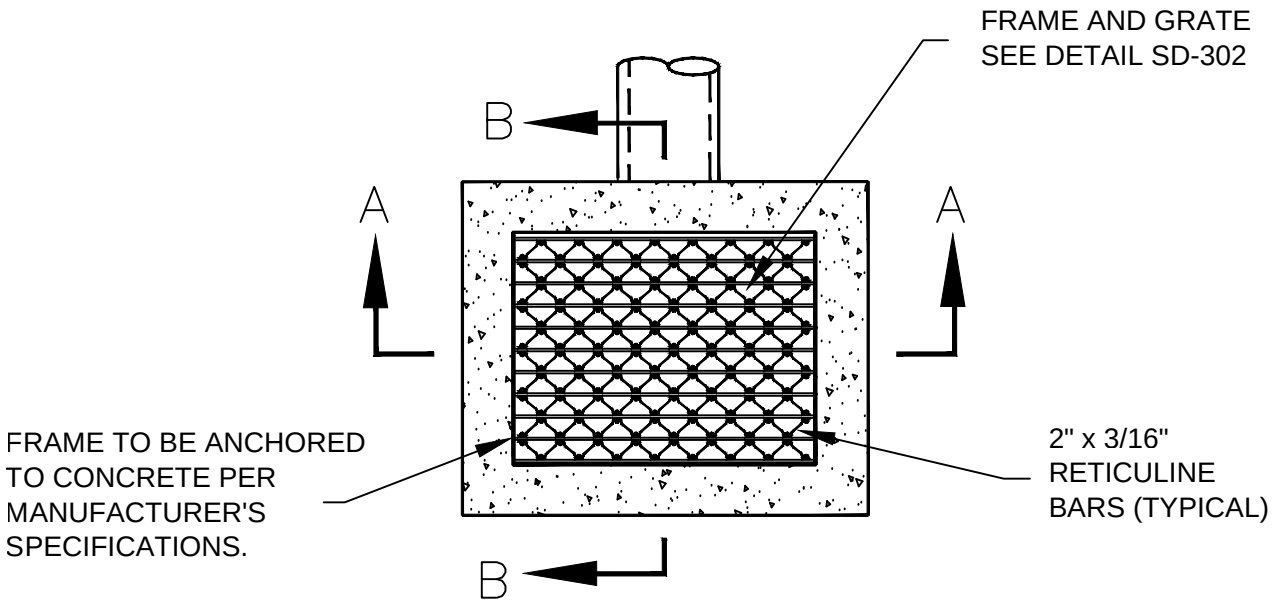
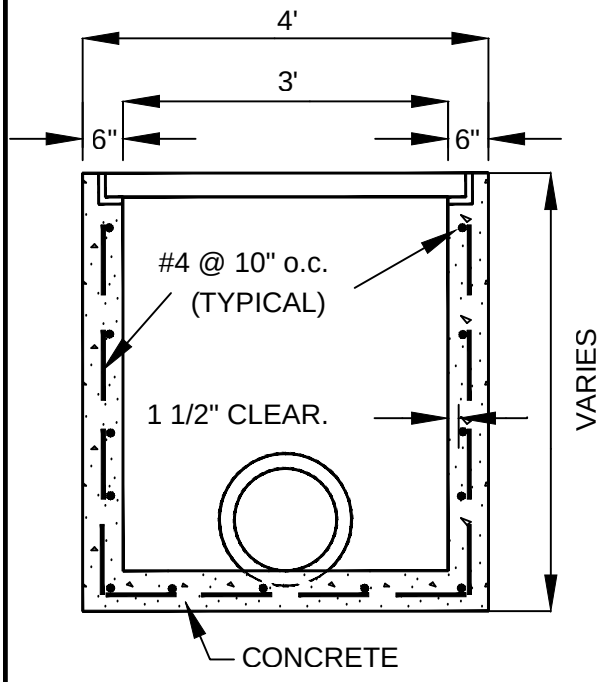
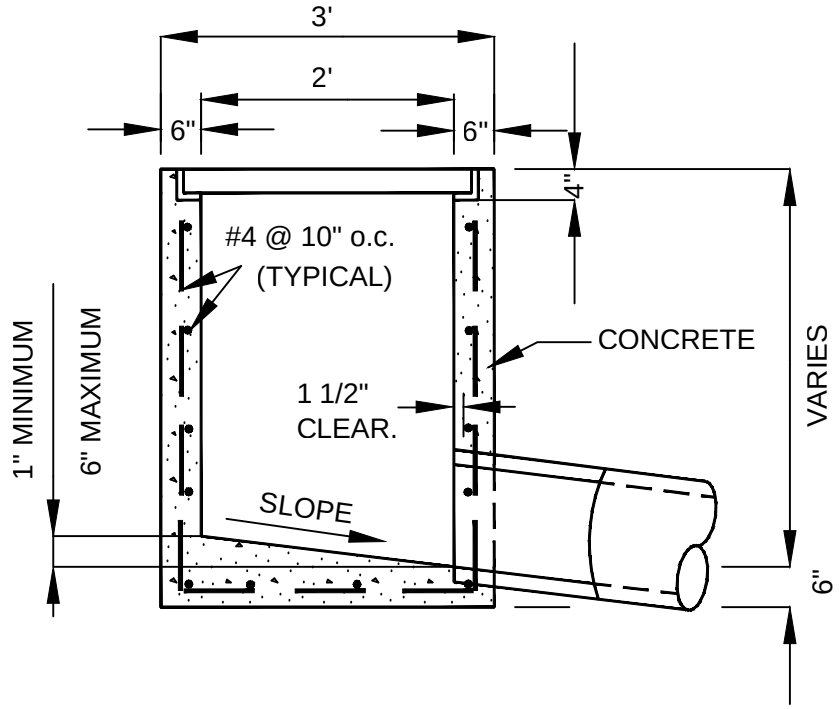


PLAN



SECTION A–A



SECTION B–B

APPROVED BY	DATE		CATCH BASIN	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			SD-303
TOWN ENGINEER				

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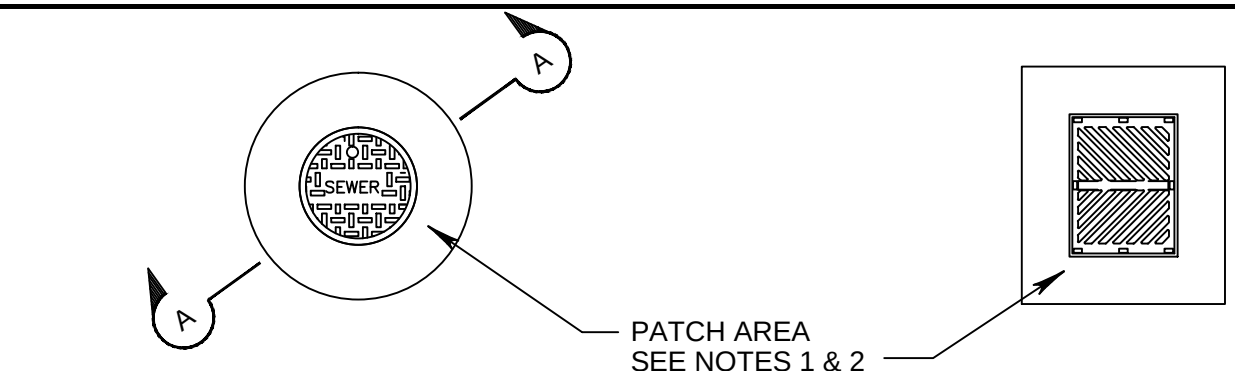
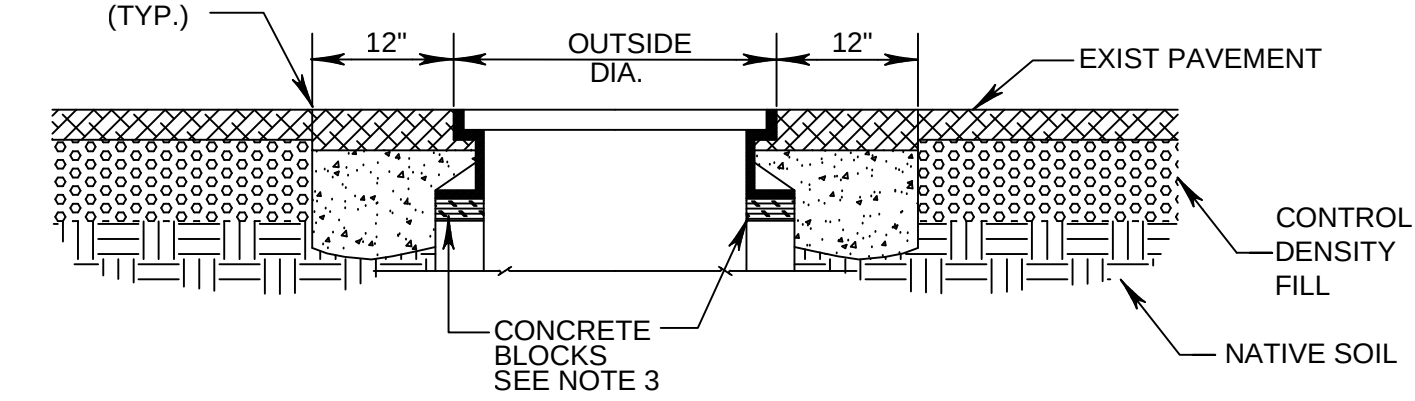
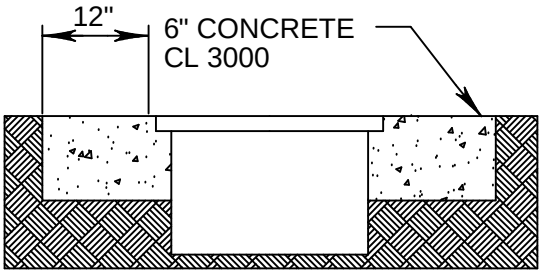


PLAN

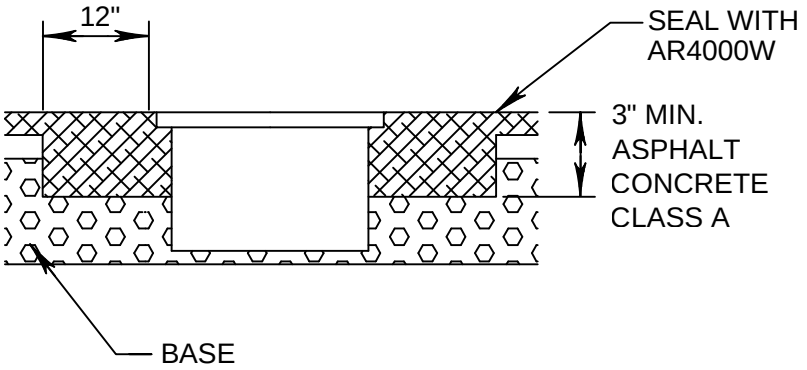


SECTION A-A

MANHOLE & CATCHBASIN ADJUSTMENT



OUTSIDE PAVED AREA



INSIDE PAVED AREA

VALVE BOX ADJUSTMENT

NOT TO SCALE

NOTES:

1. REMOVE PAVEMENT AND BASE MATERIALS FOR A DISTANCE WHICH IS EQUAL TO THE DIAMETER OF THE FRAME PLUS TWO FEET. ADJUST CASTING FRAME TO NEW PAVEMENT SURFACE USING CONCRETE BLOCKS.
2. ASPHALT CONCRETE CLASS "B" (3" MIN.) REPLACEMENT PATCH TO BE 1" THICKER THAN PREVIOUSLY EXISTED. THE REST OF THE BACKFILL TO BE CONTROLLED DENSITY FILL.
3. 2"x4"x8" SOLID BRICK USED FOR FINAL ADJUSTMENT TO GRADE. 6" HIGH MAX.

APPROVED BY	DATE		MANHOLE/CATCH BASIN & VALVE BOX ADJUSTMENT	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		SD-304
TOWN ENGINEER				

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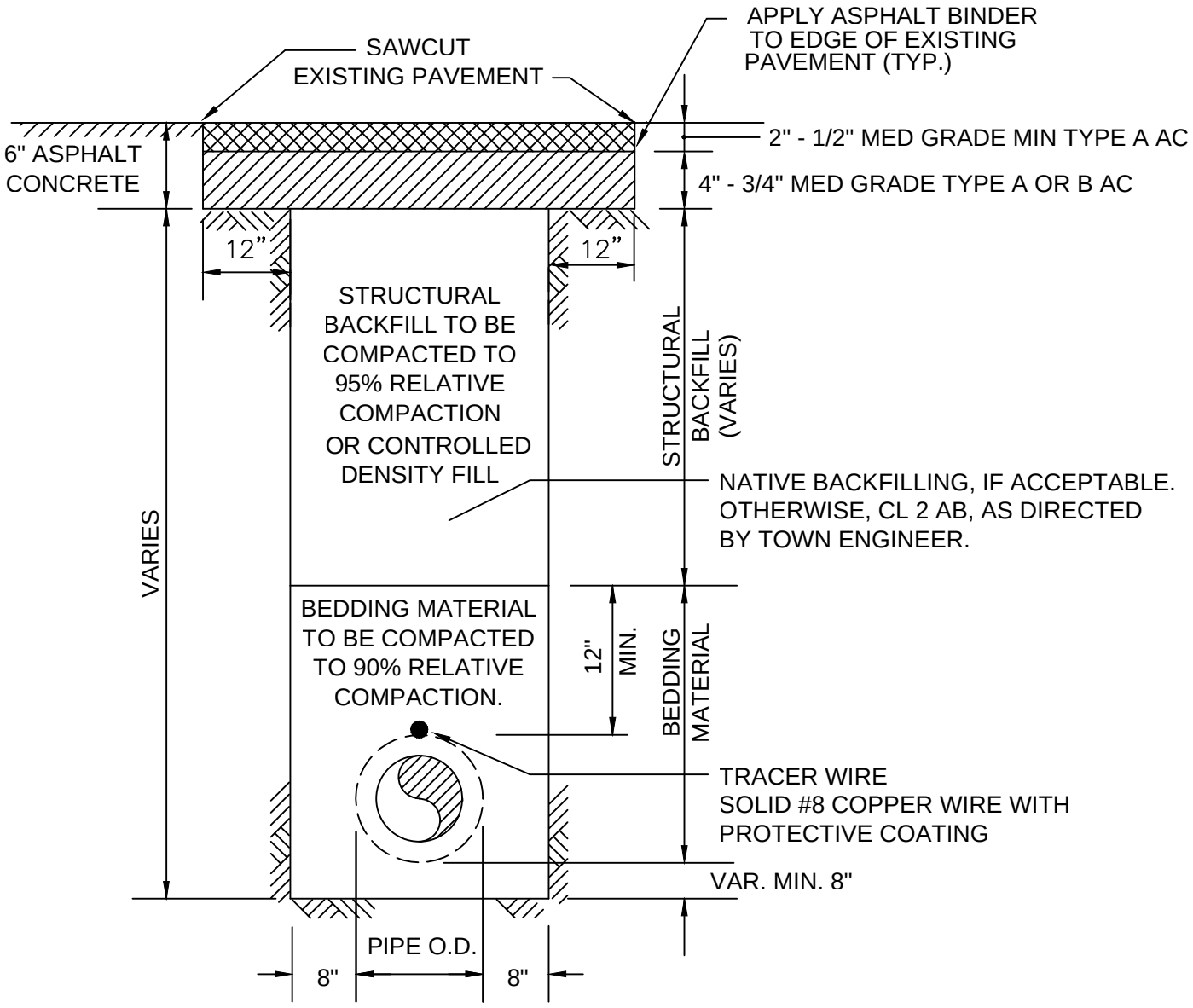

APPROVED BY	DATE		TRENCH DETAIL	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			SD-305
TOWN ENGINEER				

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BEDDING MATERIAL

GRANULAR BEDDING MATERIAL REQUIREMENTS
CALTRANS DURABILITY INDEX MINIMUM 30

SIEVE SIZES	PERCENTAGE PASSING
1"	100
3/4"	90-100
3/8"	20-55
#4	0-10
#8	0-5

STRUCTURAL BACKFILL

STRUCTURAL BACKFILL REQUIREMENTS PERCENT PASSING MINIMUM SAND EQUIVALENT OF 20

SIEVE SIZES	PERCENTAGE PASSING
1-1/2"	100
3/4"	80-100
#4	30-60
#30	5-35
#200	0-12

NOTES:

1 ALL BACKFILL MATERIAL SHALL BE PLACED IN LIFTS NOT TO EXCEED 6 INCHES BEFORE COMPACTION UNLESS AUTHORIZED BY THE ENGINEER.

2 MECHANICAL COMPACTION OF BACKFILL MATERIAL SHALL NOT BEGIN UNTIL THE DEPTH OF COMPACTED BACKFILL MATERIAL IS 2 FEET ABOVE THE TOP OF PIPE.

3 EACH LIFT SHALL BE MECHANICALLY COMPACTED TO THE REQUIRED DENSITY PRIOR TO PLACING SUCCEEDING LIFTS OF BACKING MATERIAL.

4 COMPACTION TESTS SHALL BE AS REQUIRED BY THE TOWN CONSTRUCTION INSPECTOR, BUT IN NO CASE LESS THAN 2 TESTS EVERY 200 FT OF TRENCH. (ONE AT FINISH SUBGRADE AND ONE AT 50% OF TRENCH DEPTH).

5 IN-PLACE DENSITY WILL BE DETERMINED BY ONE OR MORE OF THE FOLLOWING METHODS.
(A) ASTM D1557, TEST FOR DENSITY OF SOIL IN-PLACE BY THE SAND CONE METHOD.
(B) ASTM D2922 - (NUCLEAR METHOD)

6 LABORATORY DENSITY WILL BE DETERMINED BY ASTM D1557, MOISTURE-DENSITY RELATIONS OF SOILS AND SOIL-AGGREGATE MIXTURES.

7 IF THE EDGE OF THE TRENCH FALLS WITHIN 3' OF THE GUTTER, THE ENTIRE PAVEMENT SHALL BE REMOVED TO THE GUTTER.

8 ON STEEP SLOPES, CONSTRUCT CLAY OR CONCRETE DAM THROUGH THE BEDDING MATERIAL AS DETERMINED BY TOWN ENGINEER.

9 FOR CONCRETE STREETS PLACE 6" CLASS A P.C.C. OVER 6" CLASS 2 A.B. FOR FINISHED SURFACE.

10 ALL TRENCH CONSTRUCTION SHALL BE IN COMPLIANCE WITH LATEST OSHA STANDARDS.

11 PLACE PERMANENT PAVEMENT WITHIN 30 DAYS AFTER BACKFILLING. INSTALL TEMPORARY AC TO FINISH GRADE UNTIL PERMANENT AC IS PLACED.

12 IF EXISTING AC SECTION IS LESS THAN 4", GRIND AC KEY TO FULL DEPTH OF EXISTING AC & REPLACE FULL DEPTH OF AC SECTION (3" MIN.)

13 IN PAVED STREETS, ALL CUTS SHALL BE SMOOTH & VERTICAL WITH THE AREA BEING GENERALLY RECTANGULAR. NATIVE MATERIAL MAY BE USED AS BACKFILL IF APPROVED BY TOWN ENGINEER. IF SAND BACKFILL IS USED, IT MUST BE WELL GRADED, TAMPED WITH VIBRATORY COMPACTOR & LIGHTLY JETTED, IF NECESSARY.

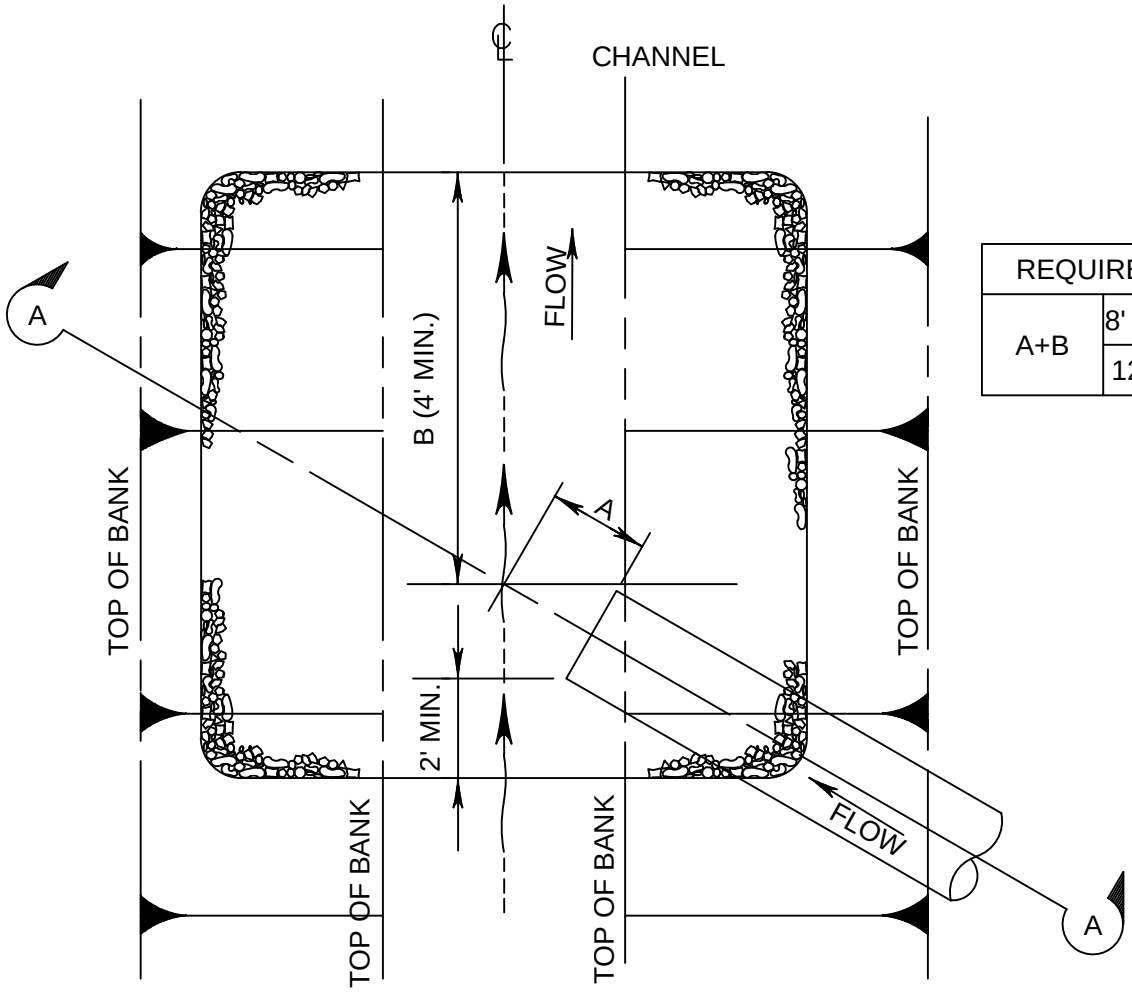
14 A SEMI-FINISHED SURFACE OF CUTBACK OR LOWERED CROSS-SECTION (MAX. LOWERED DEPTH, 1/2") OF ASPHALTIC CONCRETE WILL BE ALLOWED FOR A MAXIMUM OF 30 DAYS AFTER BACKFILLING TO ALLOW FOR SETTLING. CONTRACTOR SHALL PATCH ANY TIME THAT EXCESSIVE SETTLING OCCURS.

15 WITHIN 30 DAYS, CONTRACTOR SHALL RESTORE SURFACE TO ITS ORIGINAL CONDITION & BE RESPONSIBLE FOR ANY FURTHER SETTLING OR FAILURE FOR A MIN. OF 2 YEARS. IF CUTBACK IS USED AS A SEMI-FINISHED SURFACE, IT SHALL BE REMOVED BEFORE FINISHING. A 6" EDGE OF EXISTING AC SHALL BE REMOVED AROUND THE PERIMETER OF THE CUT BEFORE PLACEMENT OF ASPHALTIC CONCRETE.

16 A 6" COURSE OF CRUSHED ROCK BASE (1.5" MAX. AGGREGATE) & 3" ASPHALTIC CONRETE IS MIN. SURFACING TO BE RESTORED. NO RESTORATION SHALL BE LESS SUBSTANTIAL THAN EXISTING COMPOSITION. IN CASES OF CONCRETE STREETS, A 6" THICKNESS OF CONCRETE ON A 6" ROCK CUSHION IS THE MINIMUM STANDARD.

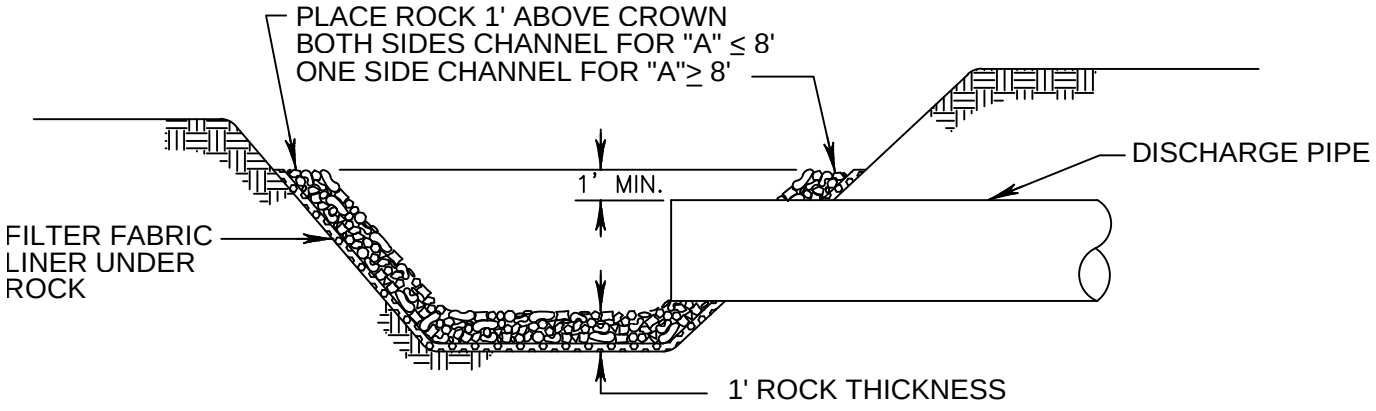
APPROVED BY	DATE		TRENCH DETAIL NOTES	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		SD-306
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\SD-306.dwg



REQUIRED DIMENSIONS	
A+B	8' FOR ROCK LINING
	12' FOR RIP RAP

PLAN

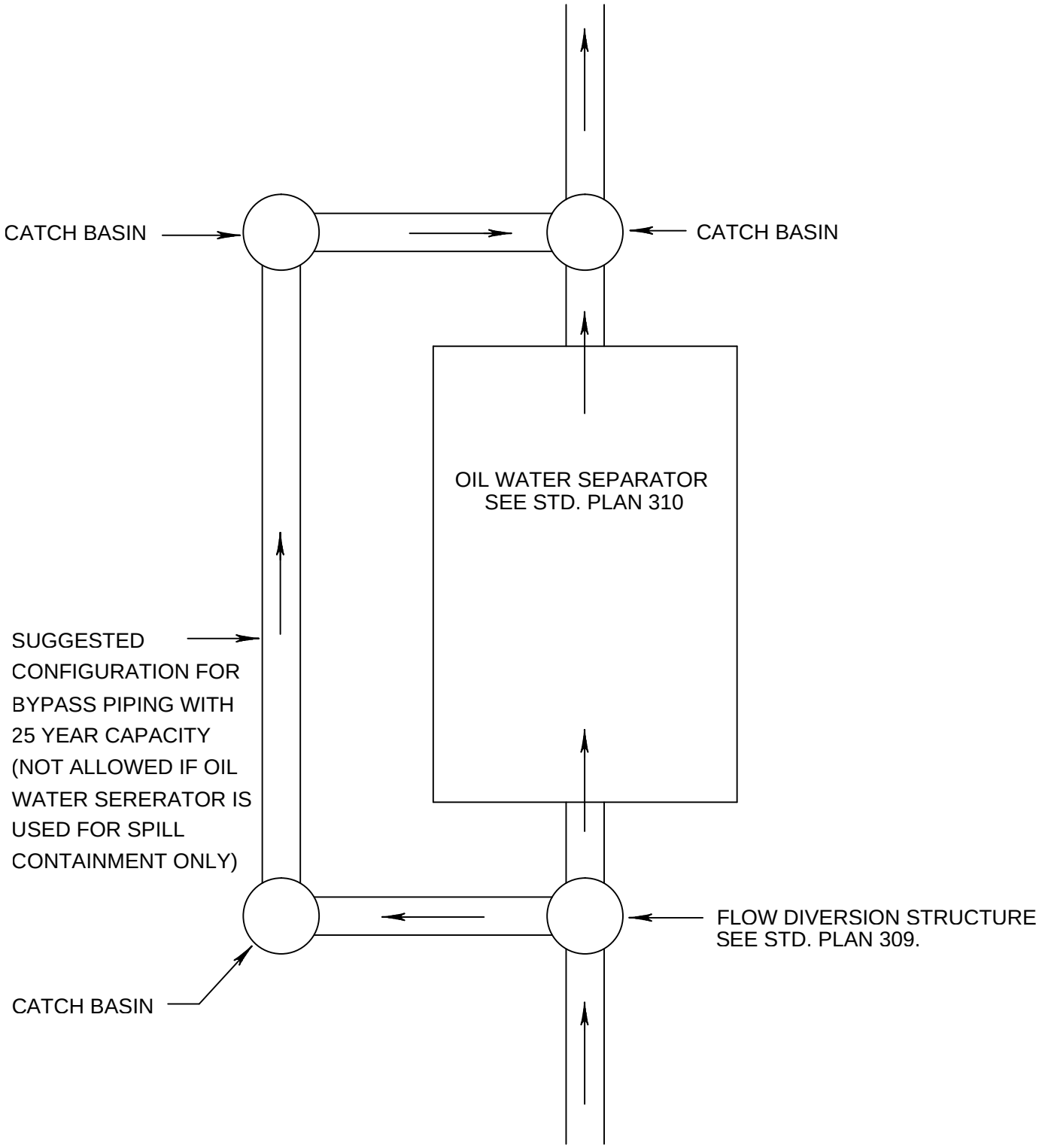


SECTION A-A

NOT TO SCALE

APPROVED BY	DATE		PIPE OUT FALL DETAIL	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		SD-307
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\SD-307.dwg

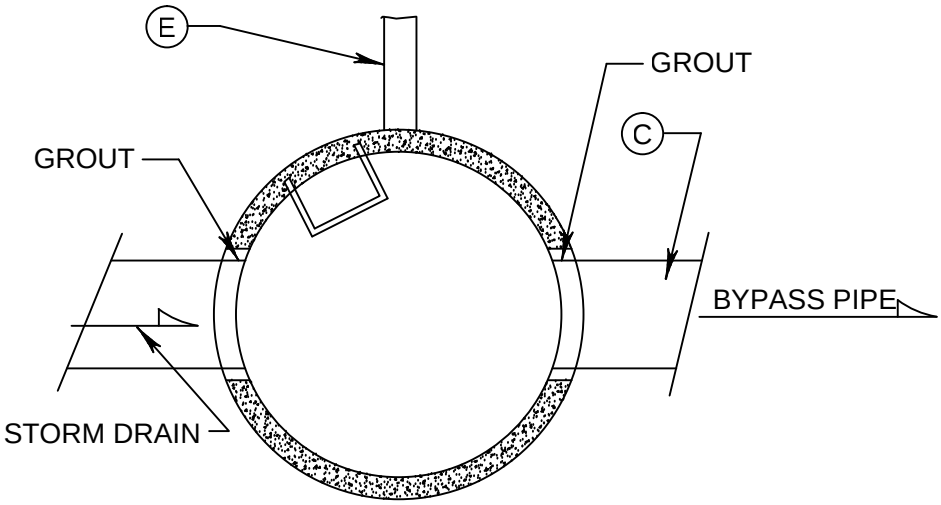


PLAN VIEW

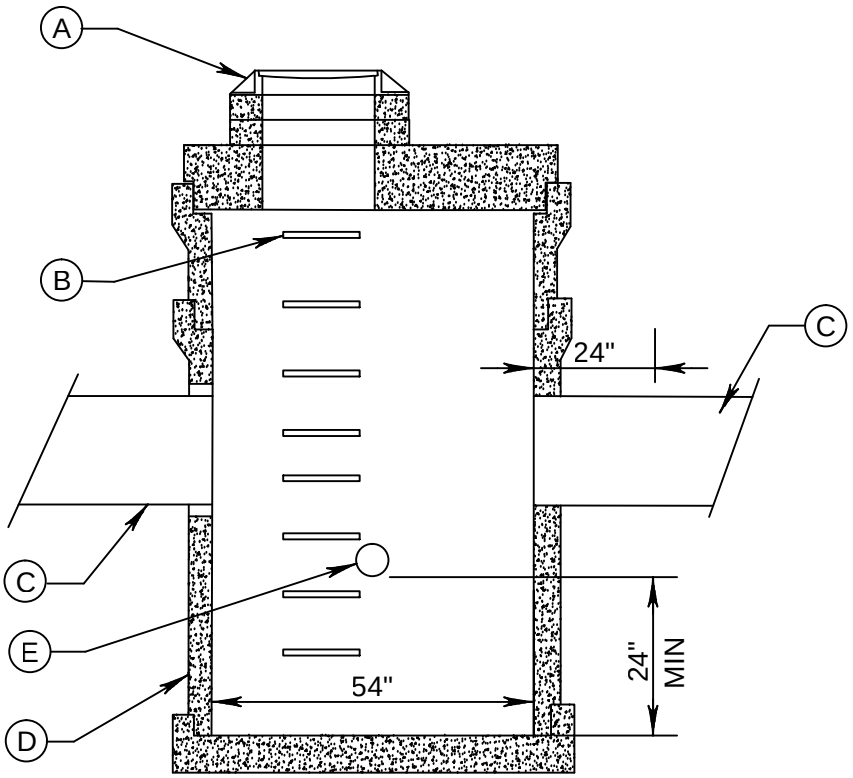
NOT TO SCALE

APPROVED BY	DATE		OIL WATER SEPARATOR LAYOUT	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			SD-308
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\SD-308.dwg



PLAN



ELEVATION

(A) INSTALL MANHOLE FRAME AND COVER, SEE STD. PLAN 302

(B) STEPS.

(C) SEE PLAN AND SPECIFICATIONS FOR SIZE AND TYPE OF PIPE ENTERING AND EXITING CB. AND INVERT ELEVATIONS.

(D) 54" TYPE II CB. OR LARGER. 72" MIN. FOR WET PONDS.

(E) WET POND/VAULT INLET WITH SHEAR GATE OR A FLAP GATE.

NOTES:

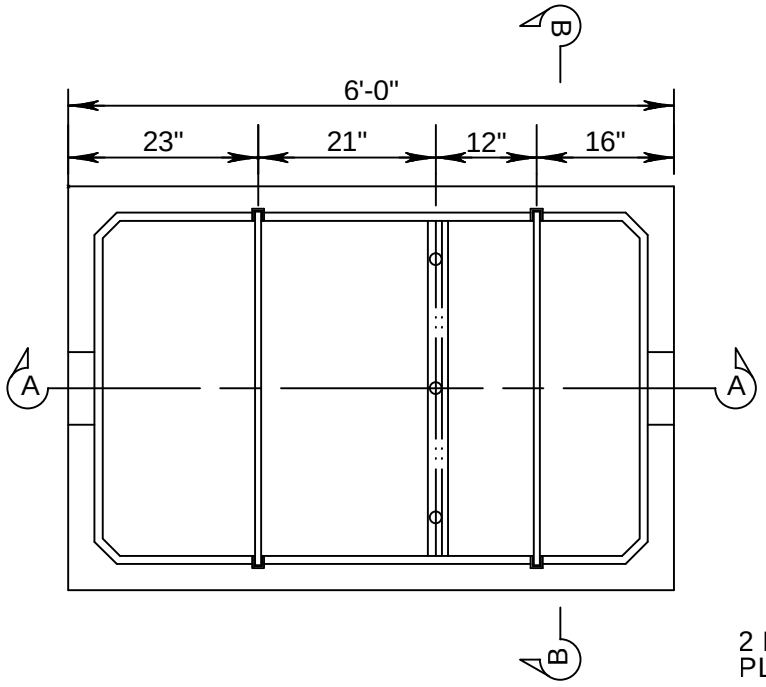
1. THE CROWN OF THE VAULT INLET SHALL BE AT OR BELOW THE INVERT ELEVATION OF THE BYPASS PIPE.

2. THIS DETAIL IS A SCHEMATIC REPRESENTATION ONLY. ACTUAL CONFIGURATION WILL VARY DEPENDING ON SPECIFIC SITE CONSTRAINTS AND APPLICABLE DESIGN CRITERIA.

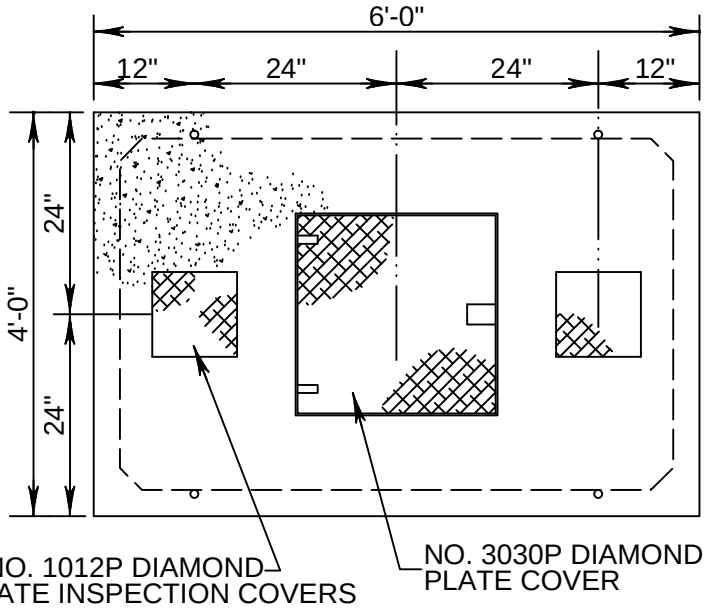
NOT TO SCALE

APPROVED BY	DATE		FLOW DIVERSION STRUCTURE	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		SD-309
TOWN ENGINEER				

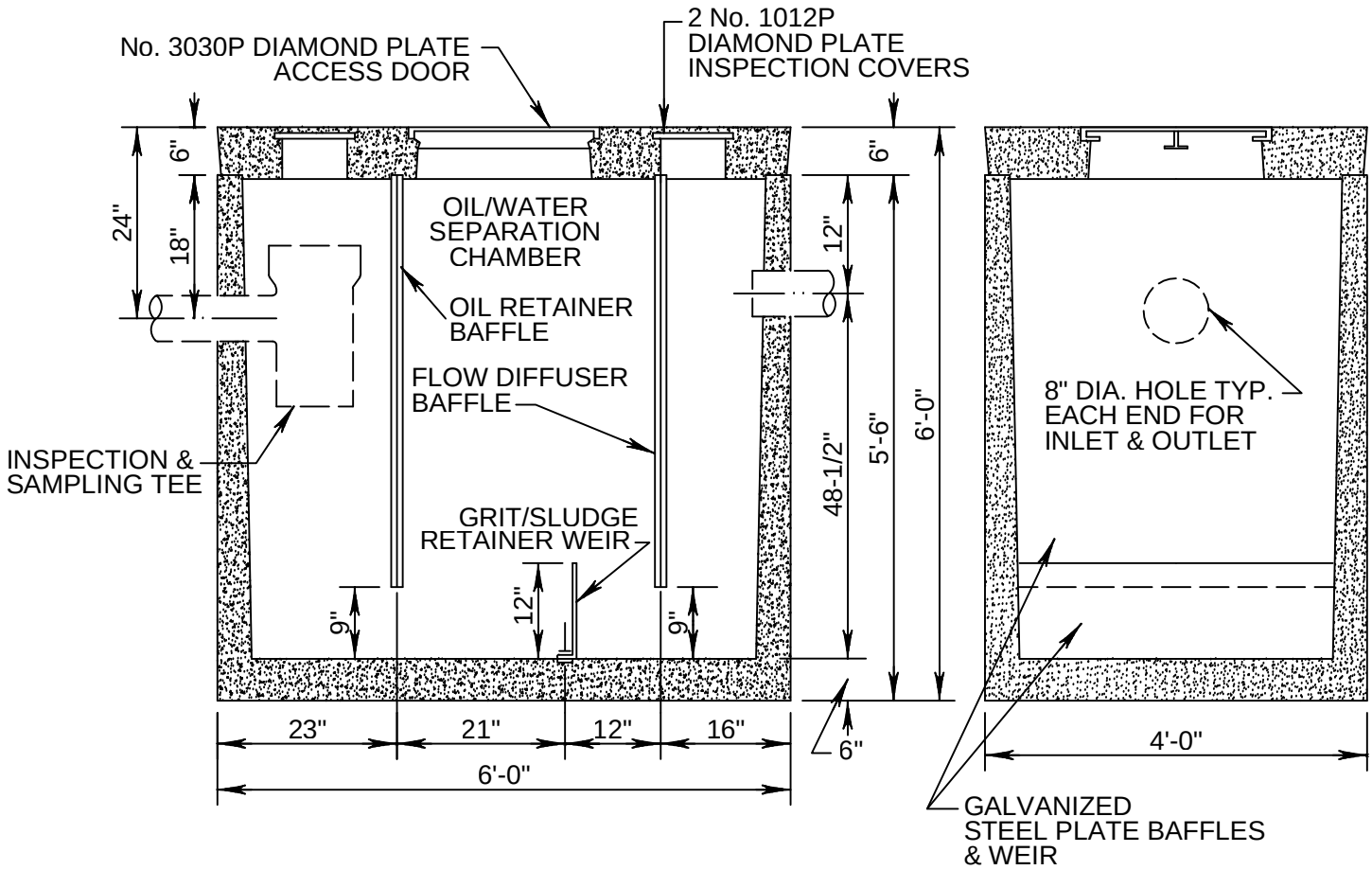
T:\GIS\PPW\TLG GENERAL\Standard Details\SD-309.dwg



PLAN-BASE



PLAN-COVER



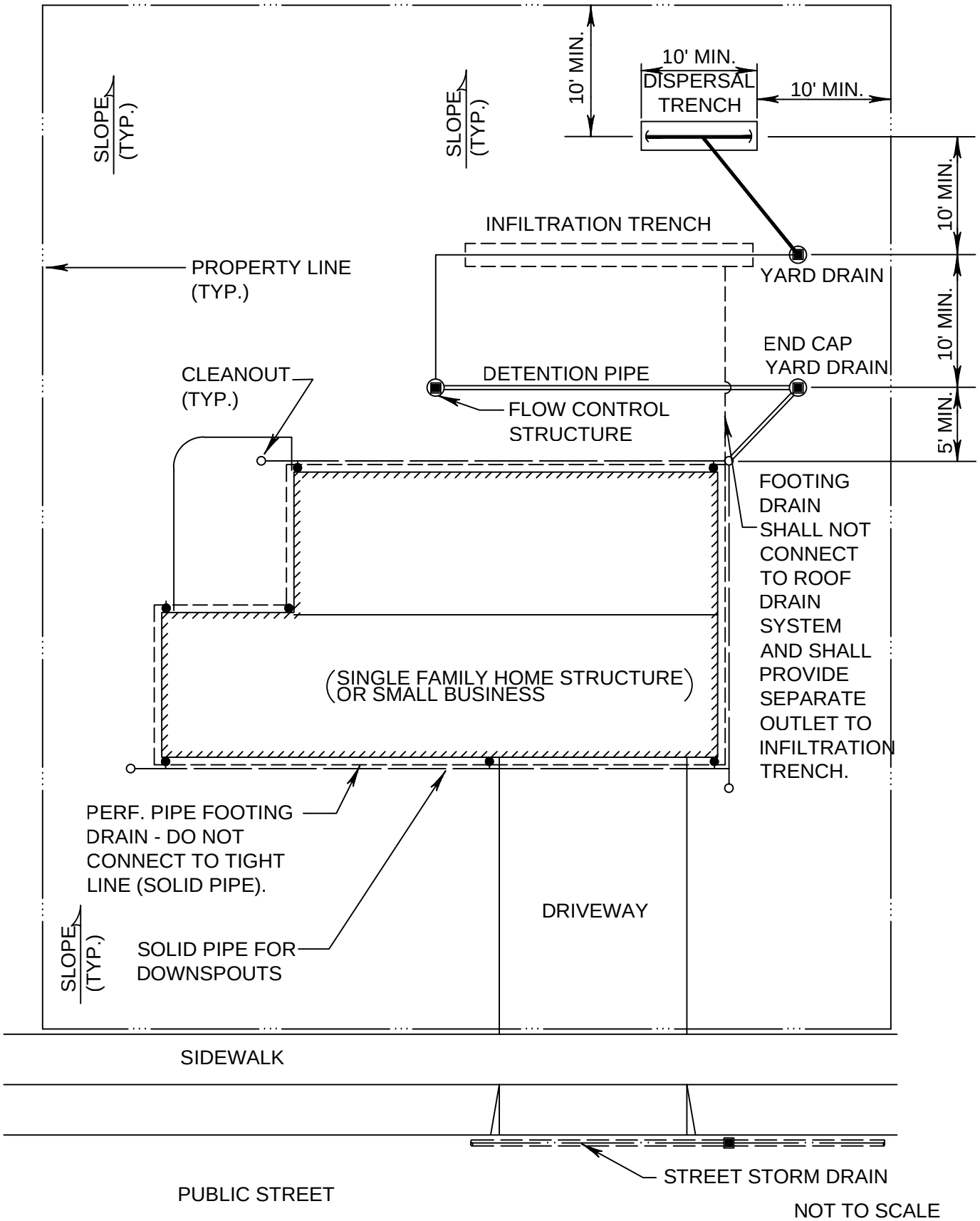
SECTION A-A

SECTION B-B

NOT TO SCALE

APPROVED BY	DATE		TYPICAL OIL/WATER SEPARATOR	STD. PLAN NO.
	NOVEMBER 2010			SD-310
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\SD-310.dwg

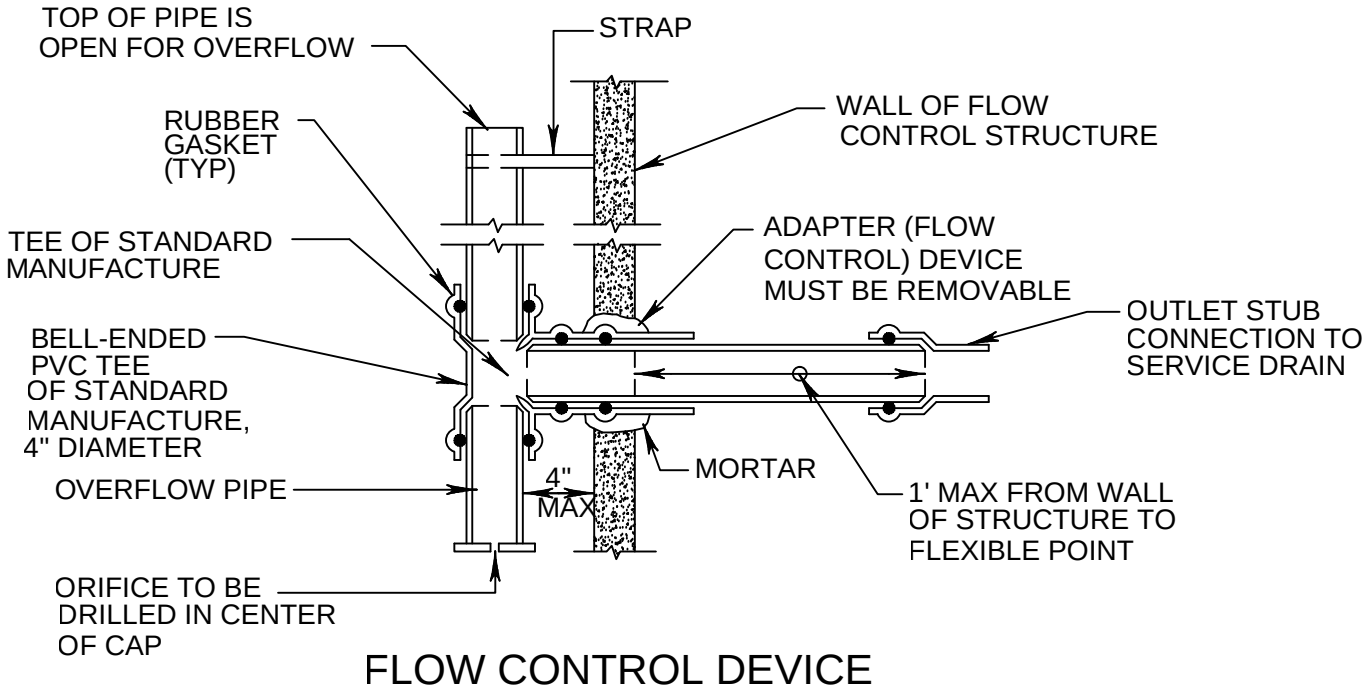


NOT TO SCALE

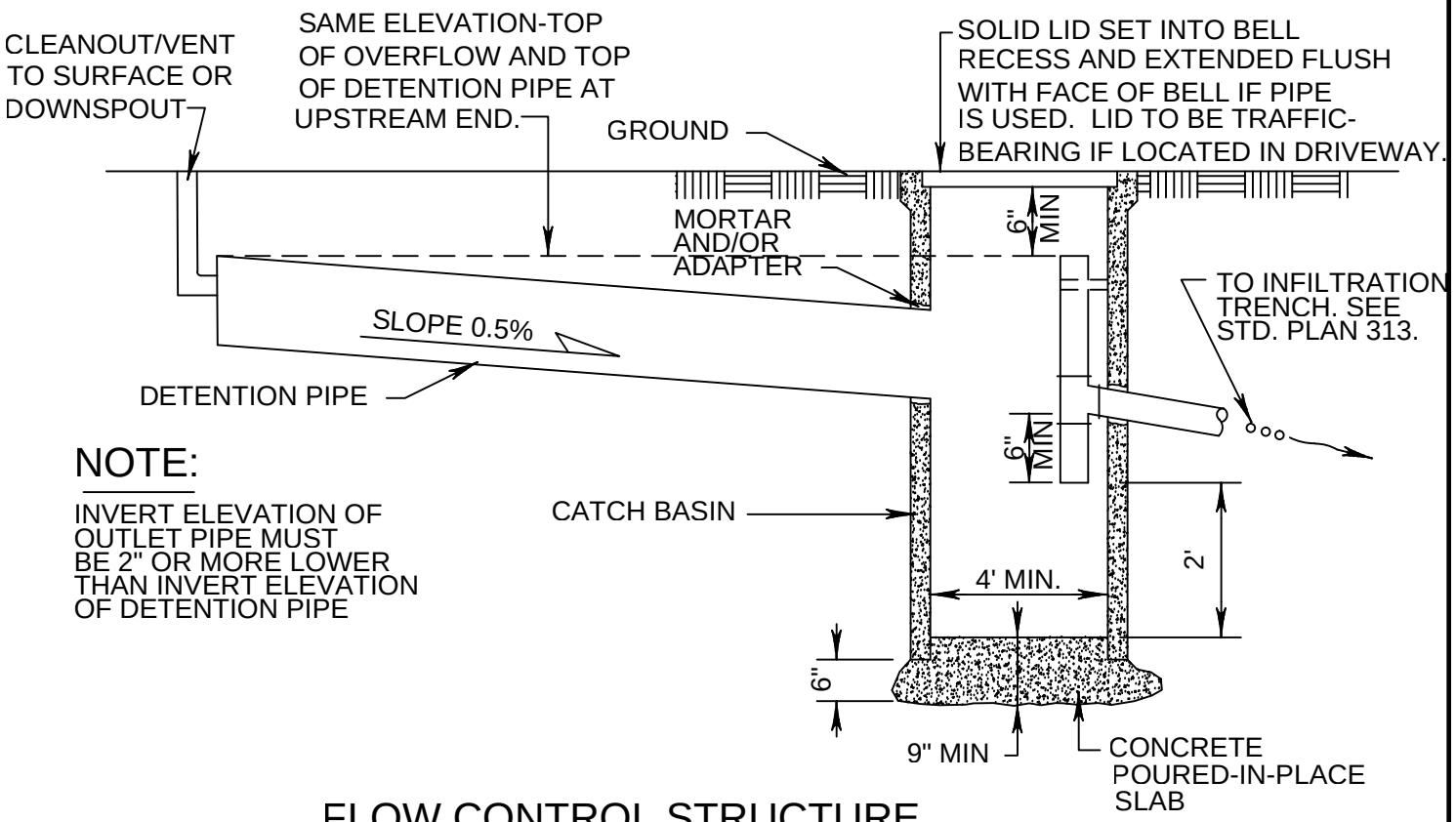
THIS SHOWS A TYPICAL DETENTION SYSTEM ON A SITE, ACCEPTABLE LOCATIONS FOR THE DETENTION PIPE, CONNECTIONS OF DOWNSPOUTS, CATCHBASINS AND DISCHARGE OF THE WATER ONTO A NATURAL LOCATION MUST BE APPROVED BY THE TOWN ENGINEER.

APPROVED BY	DATE		DETENTION/ INFILTRATION SYSTEM FOR SMALL PROJECTS	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		SD-311
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\SD-311.dwg



FLOW CONTROL DEVICE



NOTE:

INVERT ELEVATION OF OUTLET PIPE MUST BE 2" OR MORE LOWER THAN INVERT ELEVATION OF DETENTION PIPE

FLOW CONTROL STRUCTURE

NOTES:

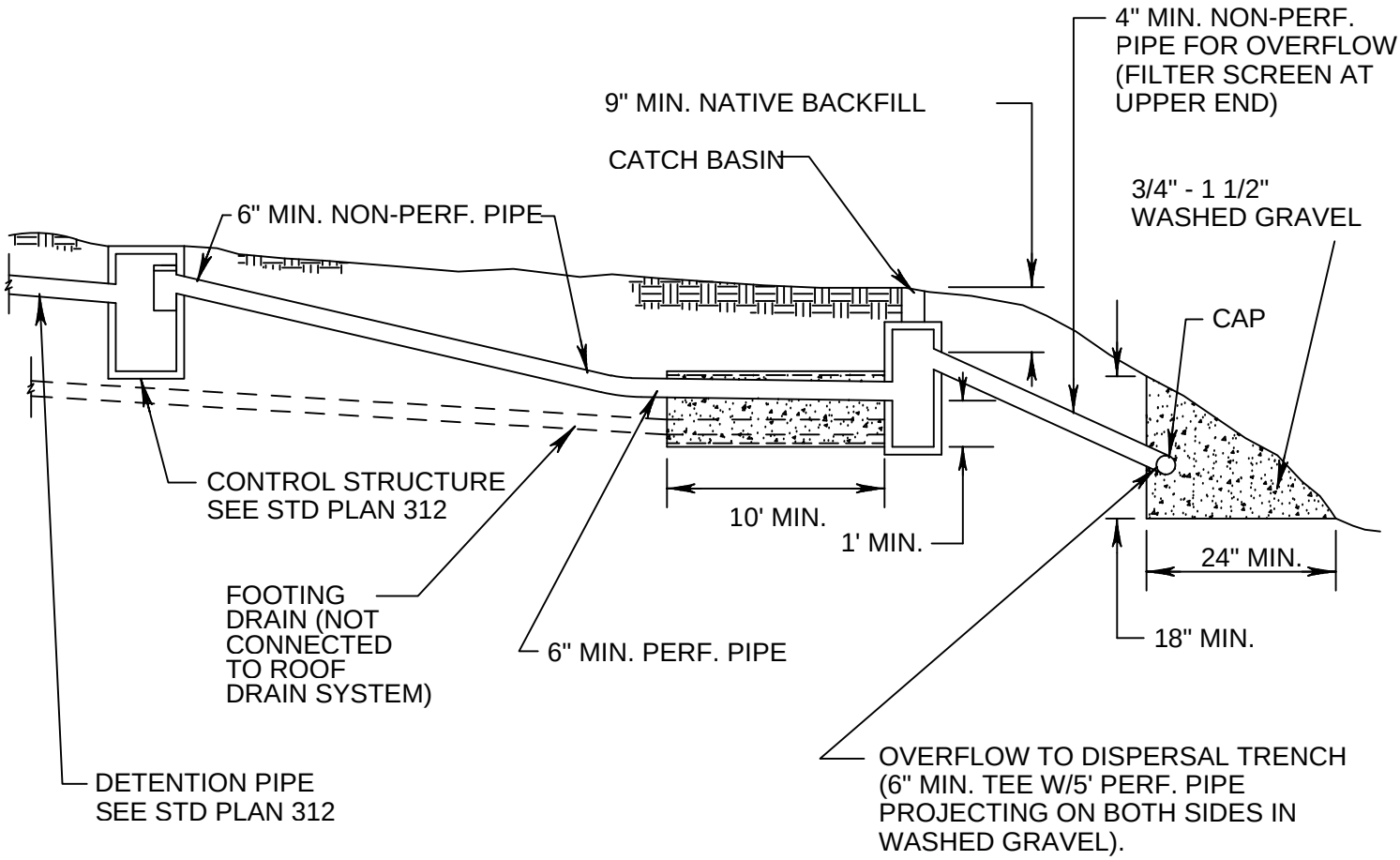
1 OVERFLOW AND OUTLET PIPES HAVE SAME DIAMETER, 4" MIN.

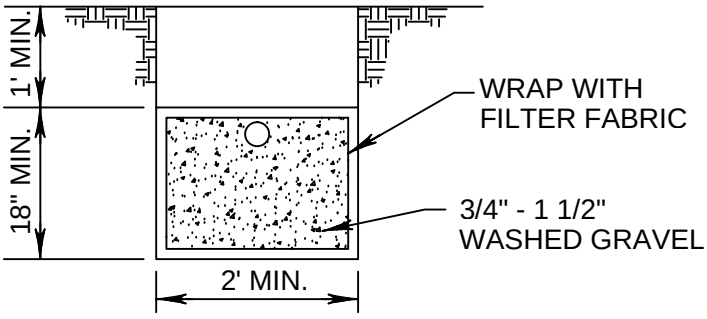
2 THIS DESIGN IS ONLY APPROVED FOR PROPERTY WITH LESS THAN 5,000 SQUARE FEET OF IMPERVIOUS SURFACE.

NOT TO SCALE

APPROVED BY	DATE		CONTROL STRUCTURE FOR SMALL PROJECTS	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		SD-312
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\SD-312.dwg





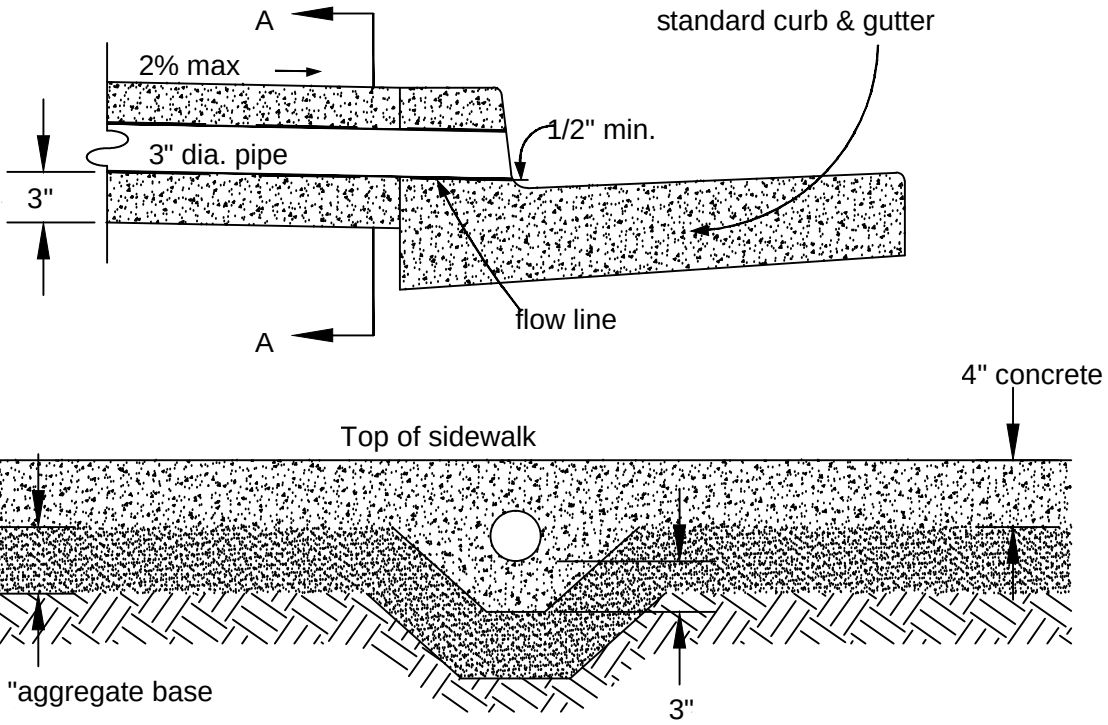
TYPICAL TRENCH SECTION

NOT TO SCALE

APPROVED BY	DATE		INFILTRATION SYSTEM FOR SMALL PROJECTS	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		SD-313
TOWN ENGINEER				

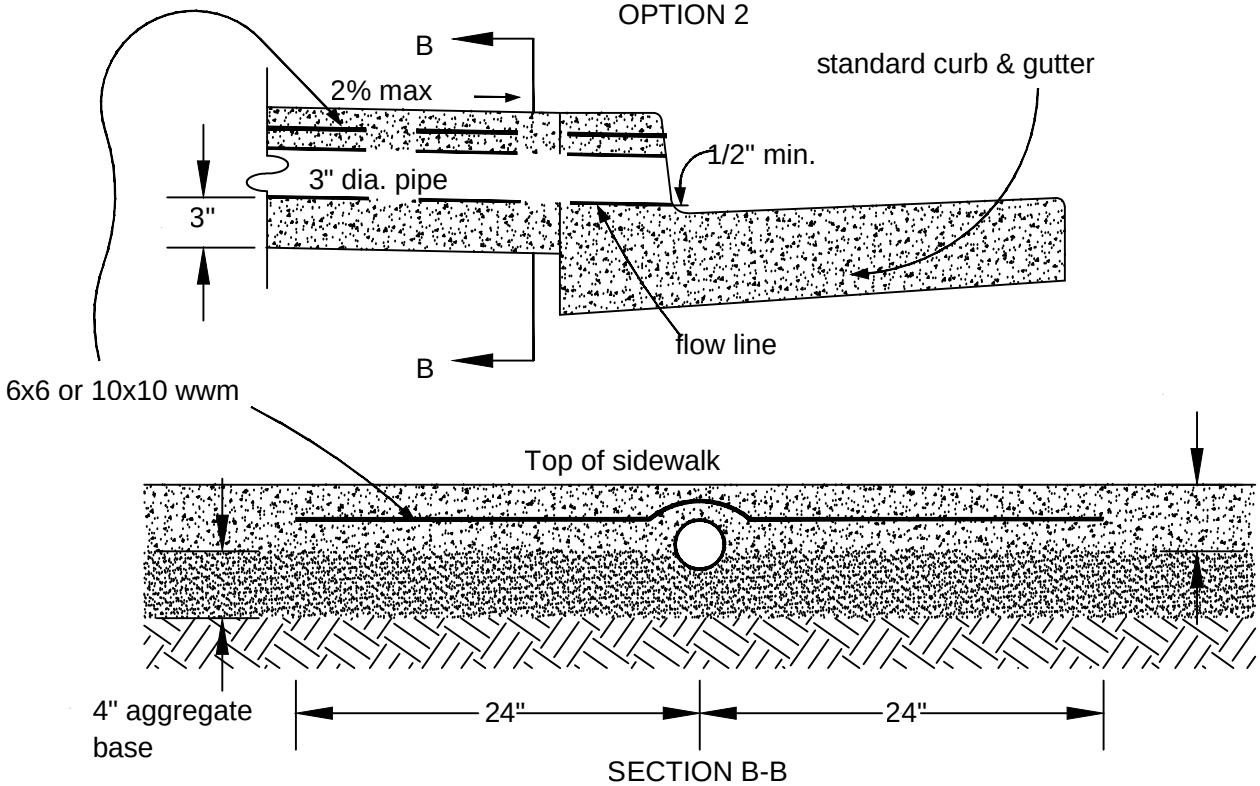
T:\GIS\PPW\TLG GENERAL\Standard Details\SD-313.dwg

OPTION 1



SECTION A-A

OPTION 2

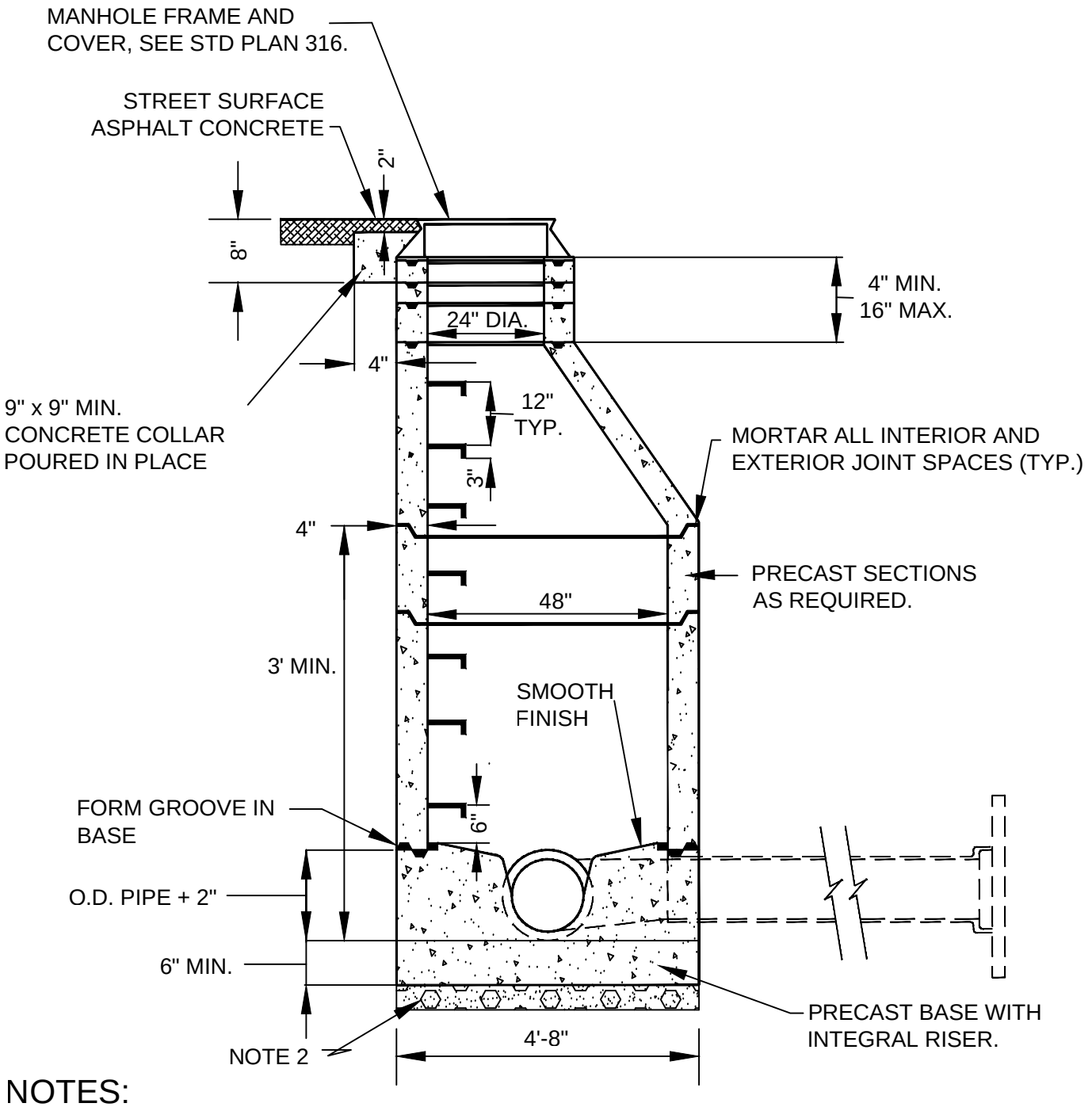


SECTION B-B

NOT TO SCALE

APPROVED BY	DATE		BUILDING/YARD DRAIN DETAIL	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			SD-314
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\SD-314.dwg



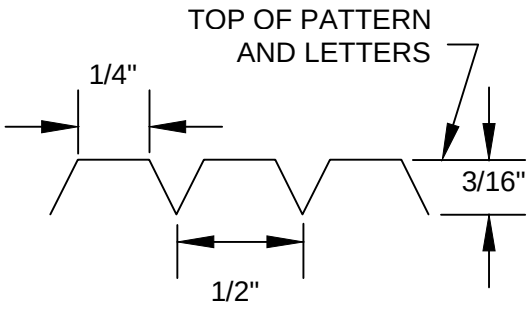
NOTES:

1. PRECAST M.H. SECTIONS SHALL CONFORM TO APPLICABLE PROVISIONS OF ASTM C478.
2. 9" CLASS II FOR AGGREGATE BASE BEDDING COMPACTED TO 95%. MAX. ASTM D1557.
3. STEPS SHALL BE GALV. STEEL 3/4" DIA., INSERTED 3" MIN.
4. ALL JOINTS WITH FLEXIBLE PLASTIC JOINT COMPOUND (RAM-NECK, QUICK SEAL, OR EQUAL). TWO LAYERS MAY BE REQUIRED TO SEAL BASE. PLASTER WITH MORTAR THEREAFTER.
5. MANHOLE BASE MUST BE POURED AGAINST UNDISTURBED SOIL. IF EXCAVATED TOO DEEP, FILL WITH CONCRETE.

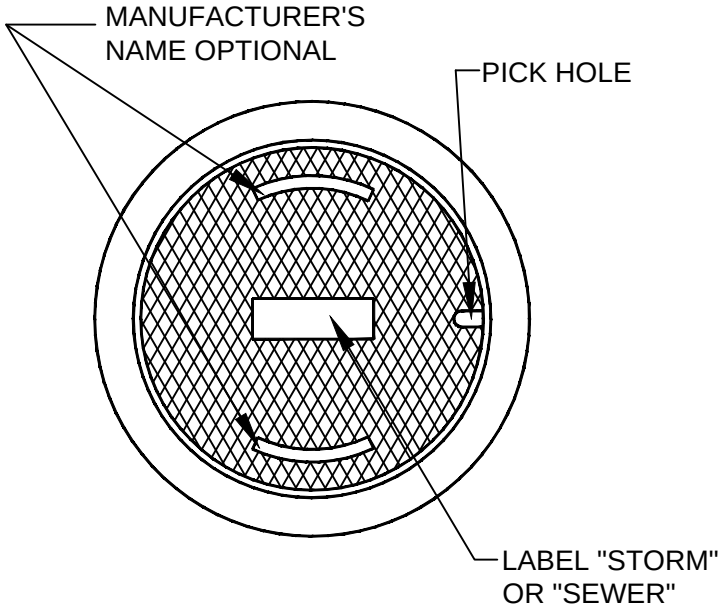
NOT TO SCALE

APPROVED BY	DATE		STANDARD MANHOLE	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			SD-315
TOWN ENGINEER				

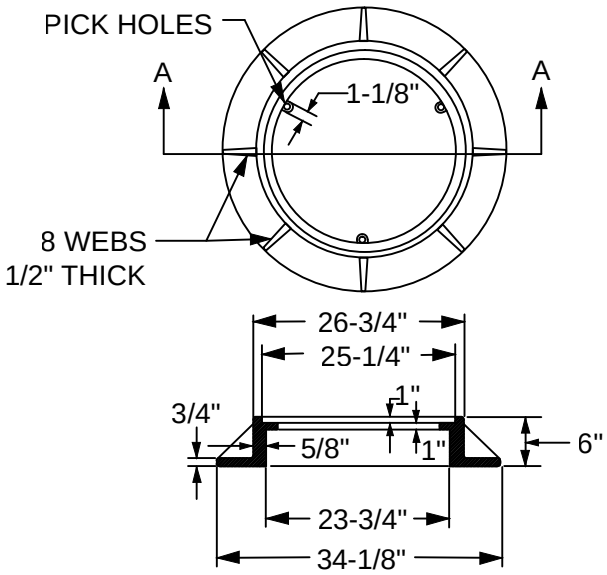
T:\GIS\PPW\TLG GENERAL\Standard Details\SD-315.dwg



COVER
DIAMOND DETAIL PATTERN



PLAN

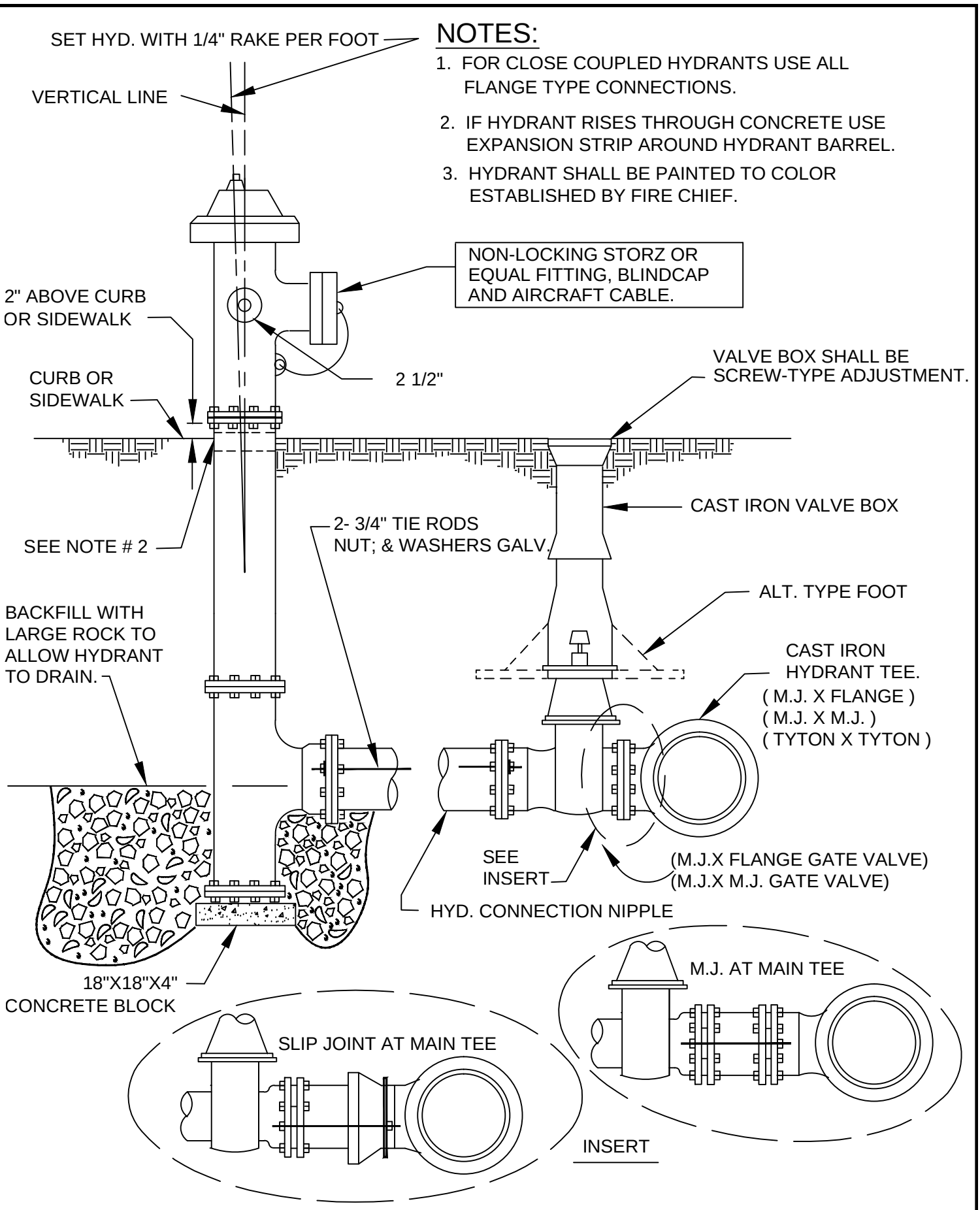


SECTION A-A

NOT TO SCALE

APPROVED BY	DATE			STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS	MANHOLE FRAME AND COVER	SD-316
TOWN ENGINEER				

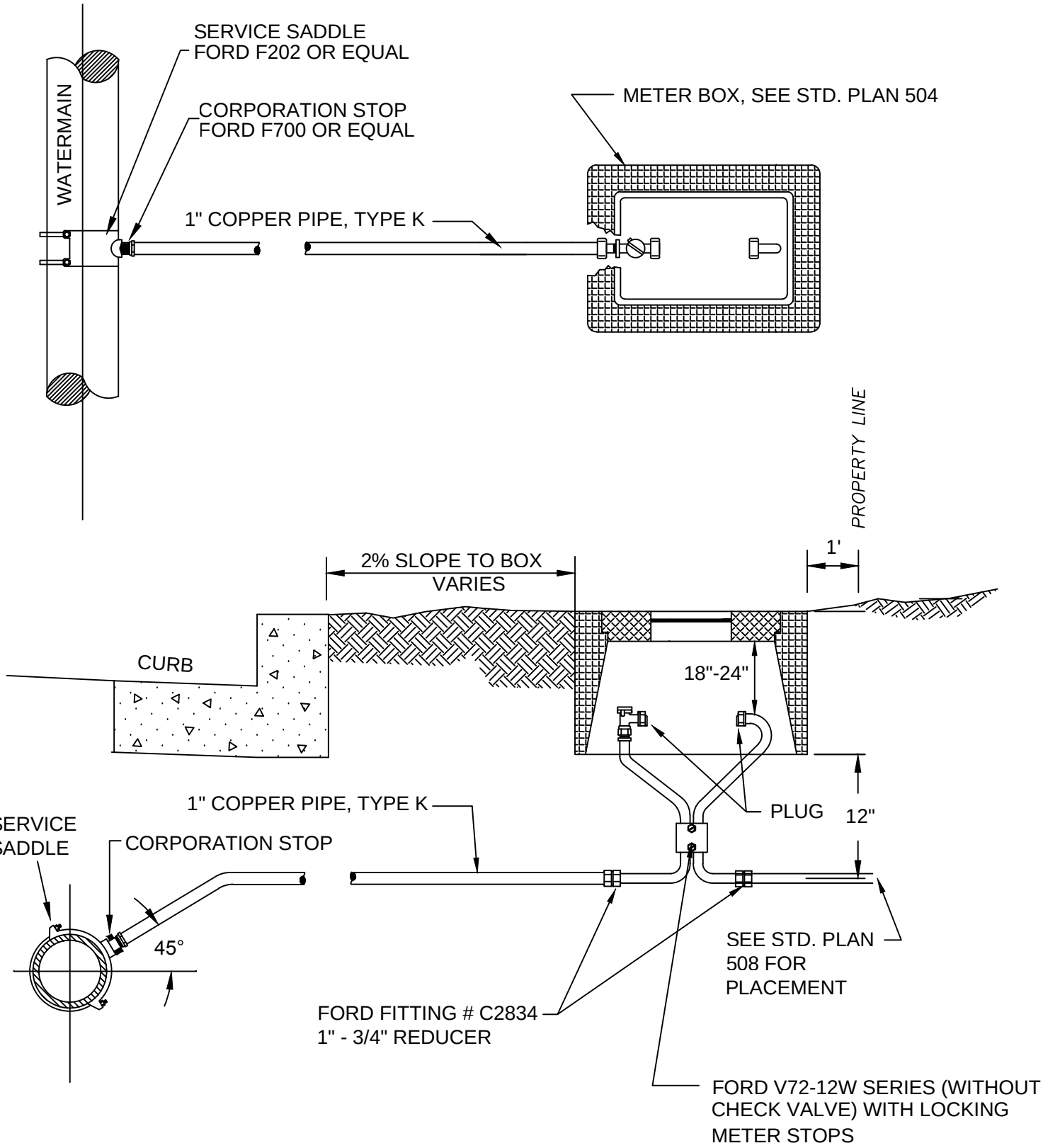
T:\GIS\PPW\TLG GENERAL\Standard Details\SD-316.dwg



NOT TO SCALE

APPROVED BY	DATE		FIRE HYDRANT	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		WA-500
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\WA-500.dwg



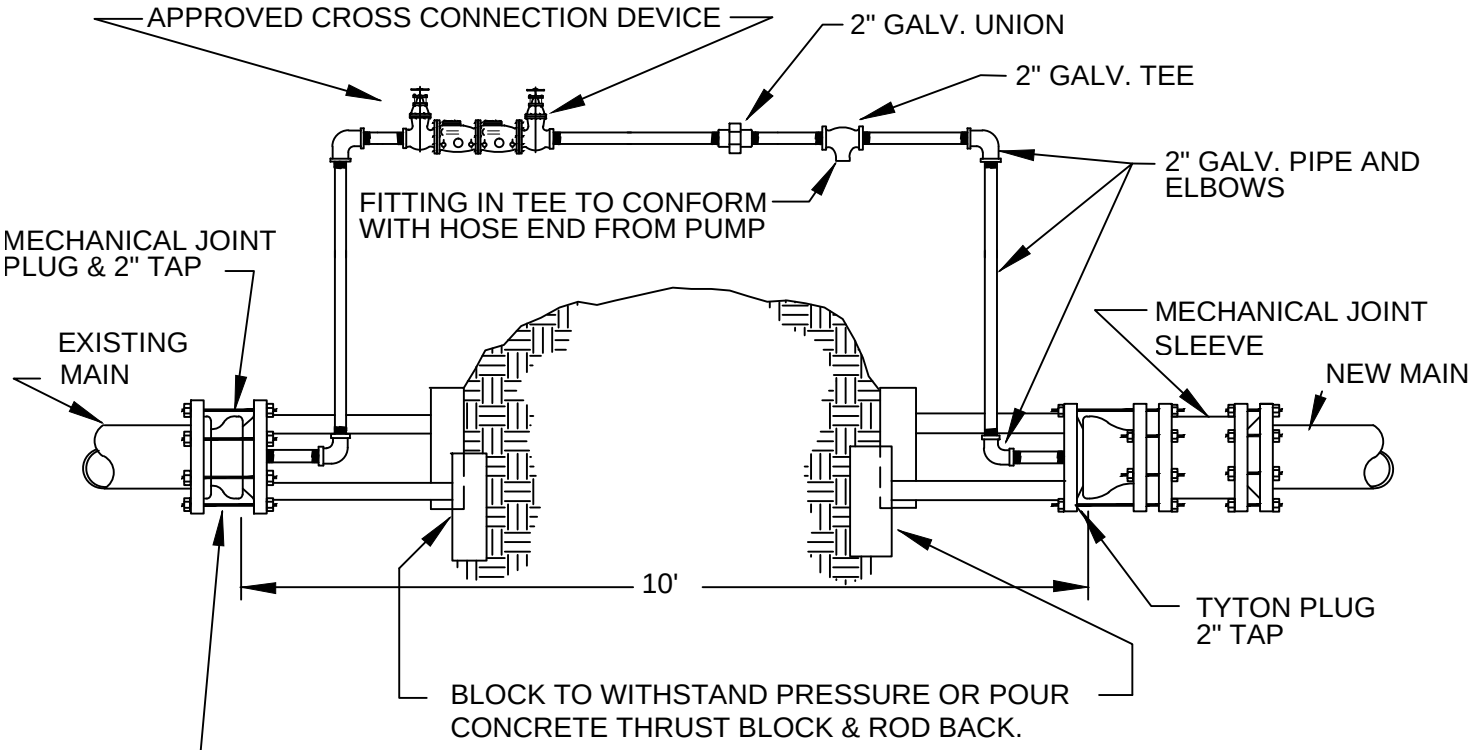
NOTES:

1. CORPORATION STOPS SHALL BE FORD F700 , 1 INCH OR EQUAL
2. WATER SERVICE SHALL BE 5' FROM LOT CORNERS

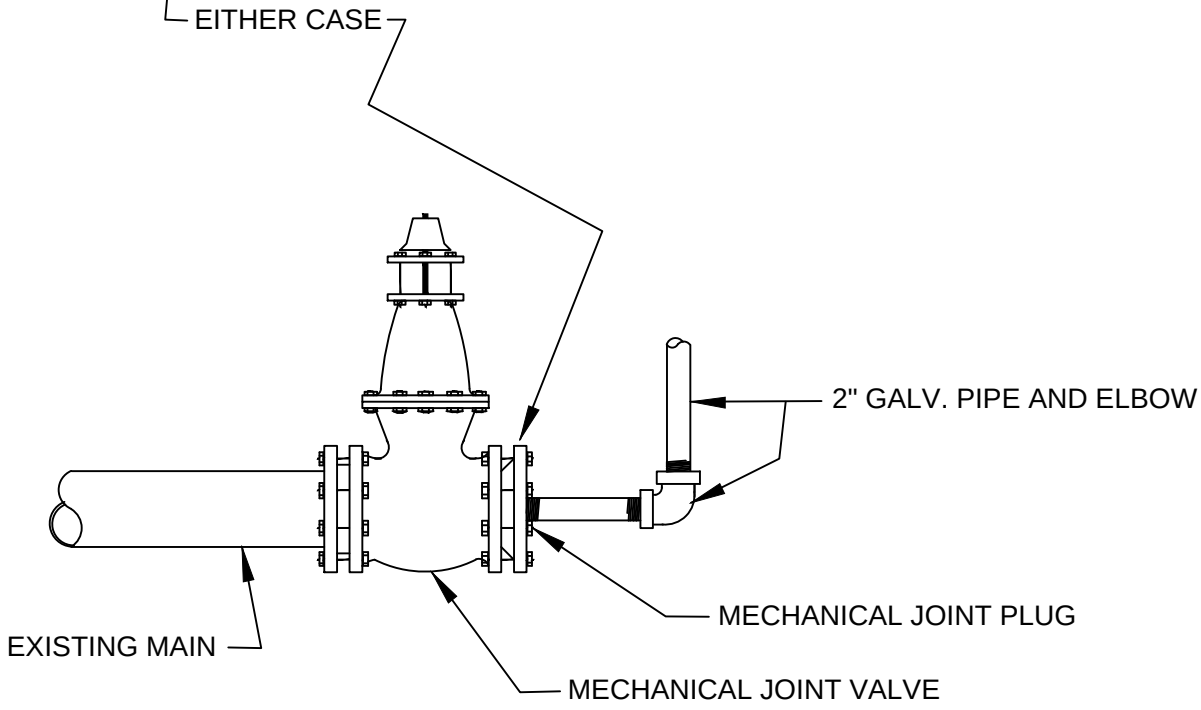
NOT TO SCALE

APPROVED BY	DATE		NEW 3/4" WATER SERVICE	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			WA-501
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\WA-501.dwg



CASE "A" HOOK UP TO OPEN BELL

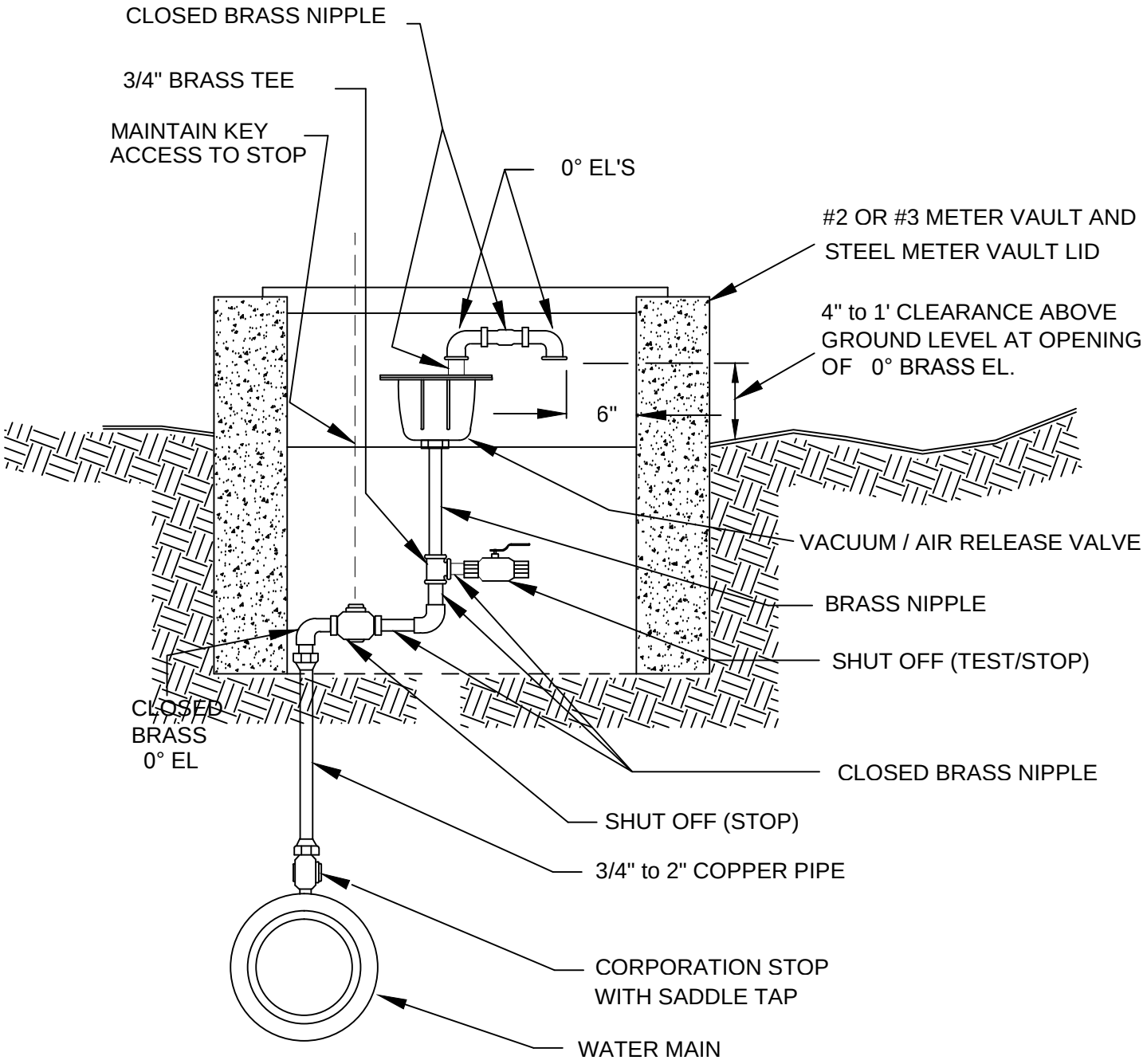


CASE "B" HOOK UP TO FLANGE OF MAIN VALVE

NOT TO SCALE

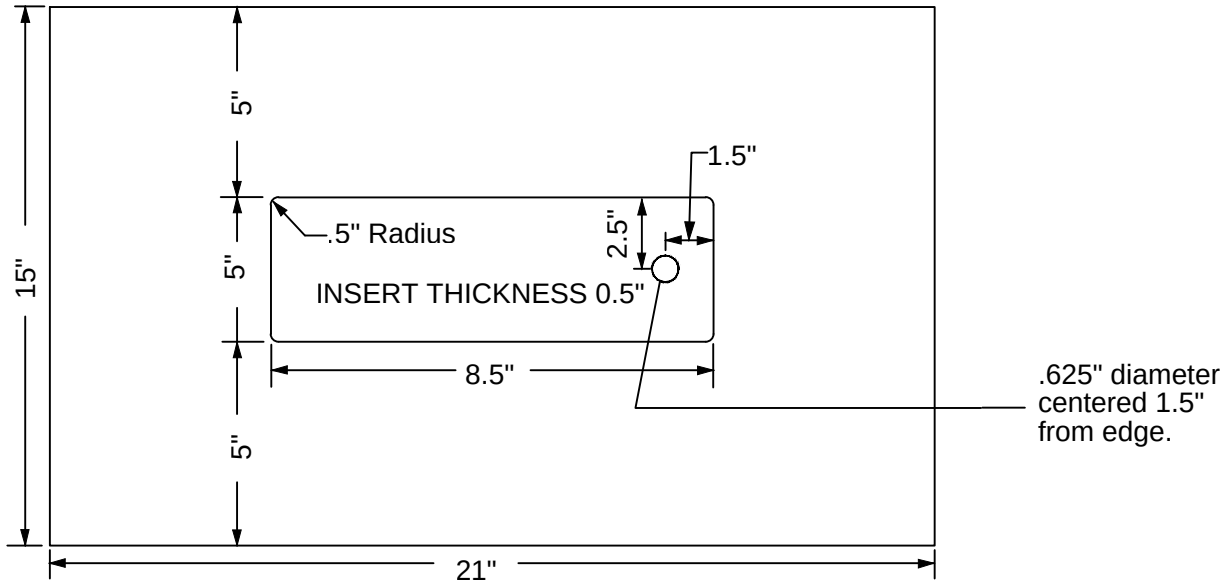
APPROVED BY	DATE		PRESSURE TEST DETAIL	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		WA-502
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\WA-502.dwg



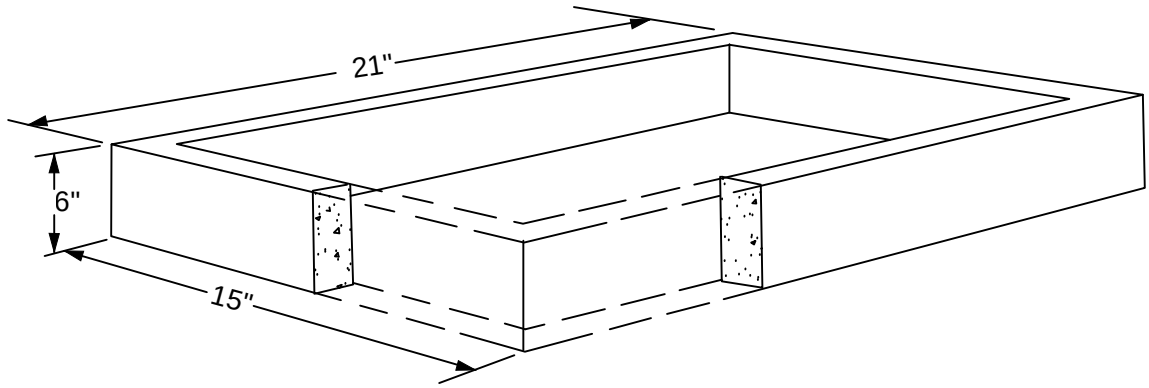
APPROVED BY	DATE		TYPICAL VACUUM/AIR RELEASE VALVE	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		WA-503
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\WA-503.dwg



HEIGHT OF BOX SHALL BE 12"

PLAN VIEW



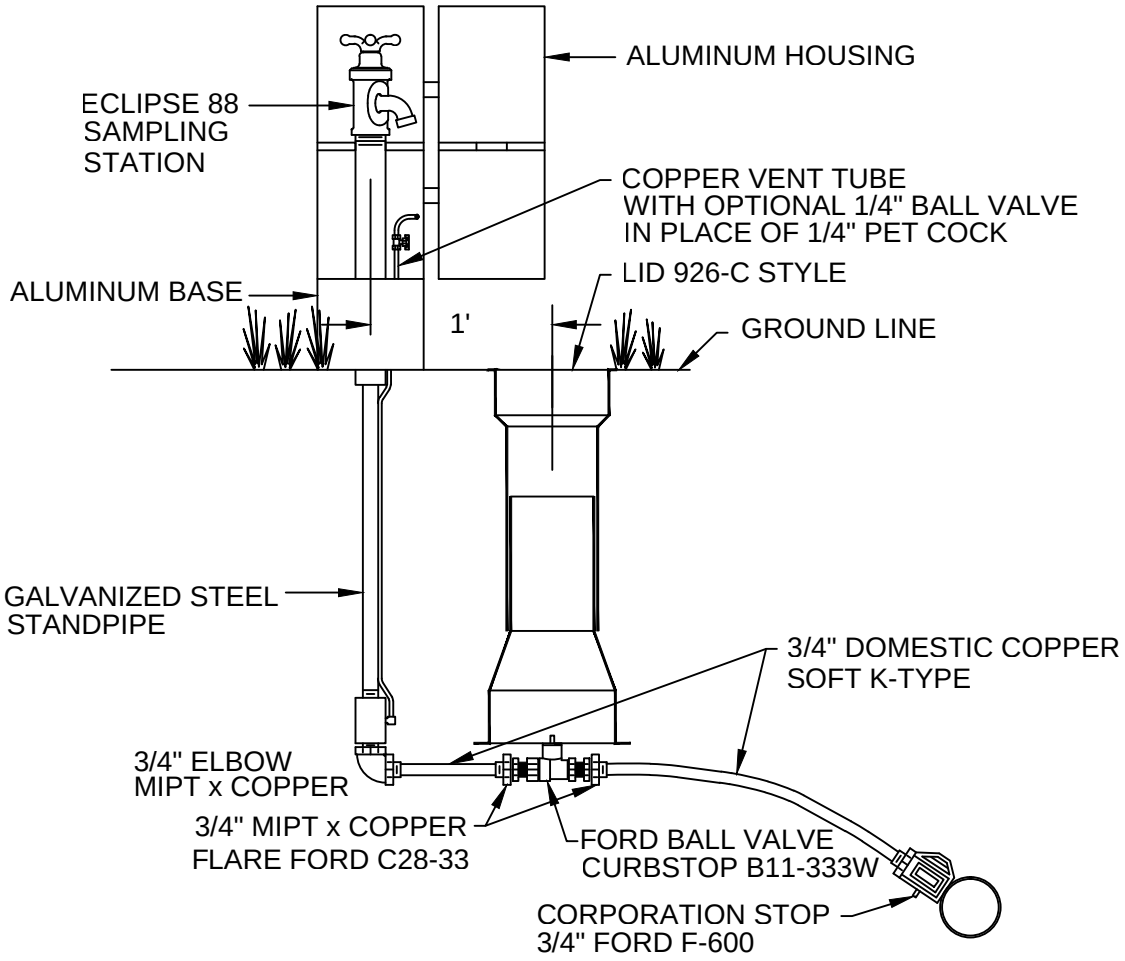
RISER BOX

NOT TO SCALE

APPROVED BY	DATE		WATER METER BOX	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		WA-504
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\WA-504.dwg

ECLIPSE NO. 88 SAMPLING STATION



NOTES:

1. SAMPLING STATIONS SHALL HAVE A 3/4" FIP INLET, AND A (3/4" HOSE OR UNTHREADED) NOZZLE.

2. ALL STATIONS SHALL BE ENCLOSED IN A LOCKABLE, NONREMOVABLE, ALUMINUM-CAST HOUSING.

3. WHEN OPENED, THE STATION SHALL REQUIRE NO KEY FOR OPERATION, AND THE WATER WILL FLOW IN AN ALL BRASS WATERWAY.

4. ALL WORKING PARTS WILL ALSO BE OF BRASS AND BE REMOVABLE FROM ABOVE GROUND WITH NO DIGGING. EXTERIOR PIPING SHALL BE GALVANIZED STEEL (BRASS PIPES ALSO AVAILABLE).

5. A COPPER VENT TUBE WILL ENABLE EACH STATION TO BE PUMPED FREE OF STANDING WATER TO PREVENT FREEZING AND TO MINIMIZE BACTERIA GROWTH.

6. ECLIPSE NO. 88 SAMPLING STATION SHALL BE MANUFACTURED BY KUPFERLE FOUNDRY, ST. LOUIS, MO 63102 OR EQUAL.

APPROVED BY	DATE			STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS	SAMPLING STATION	WA-505
TOWN ENGINEER				

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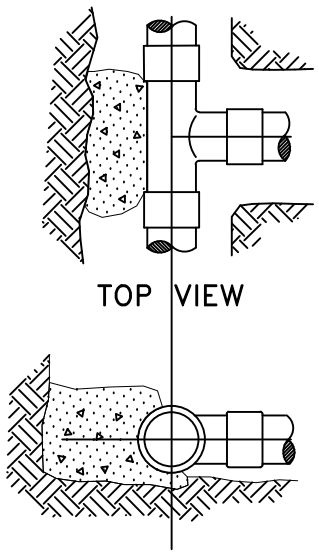
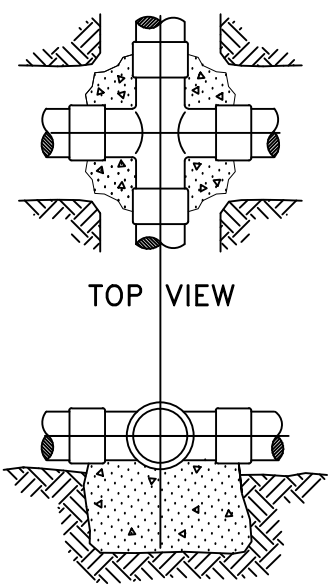
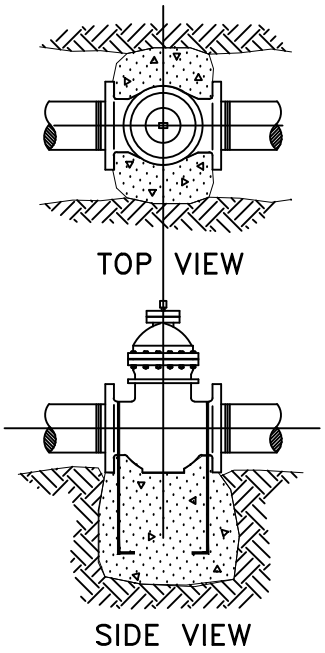


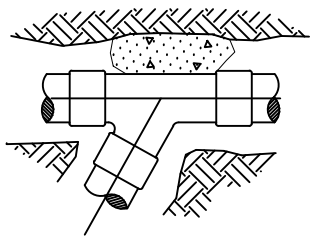
TEE



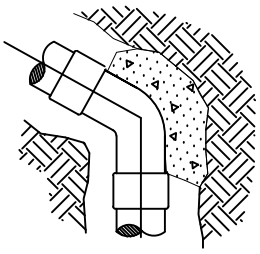
CROSS



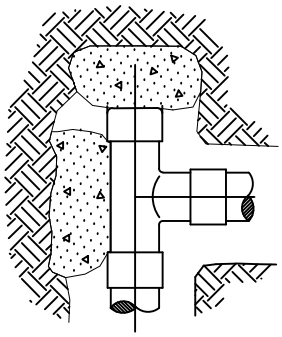
GATE VALVE



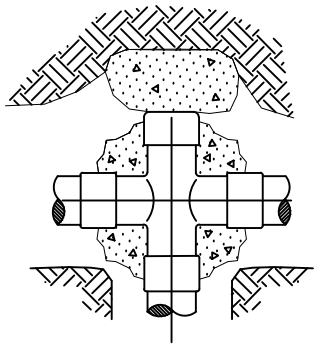
WYE



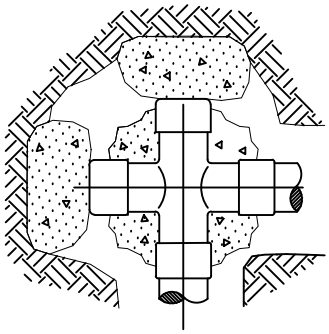
HORIZ. BEND



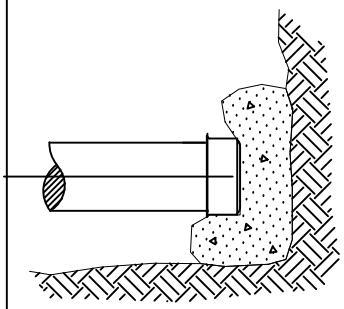
TEE WITH PLUG



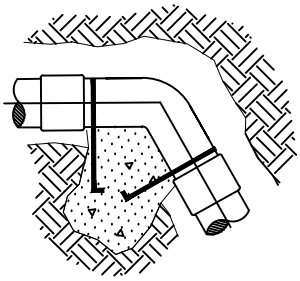
CROSS WITH PLUG



CROSS WITH PLUGS



PLUG OR CAP



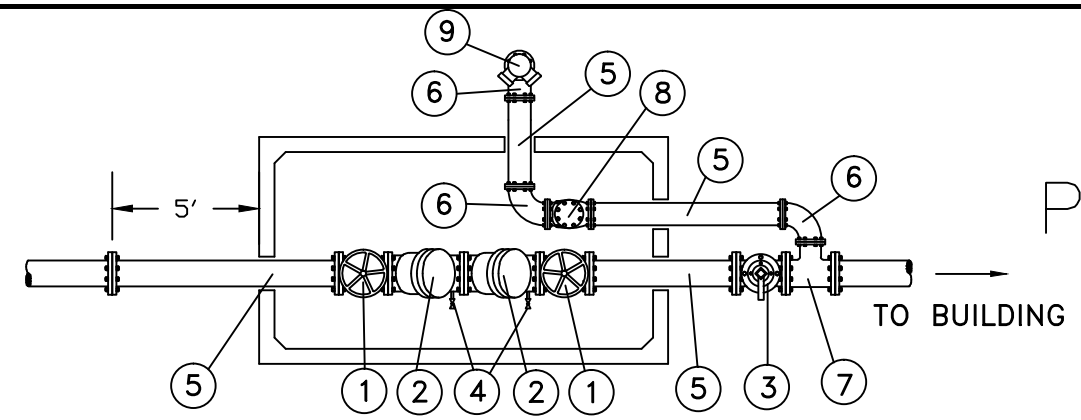
45° – 90° VERTICAL BEND

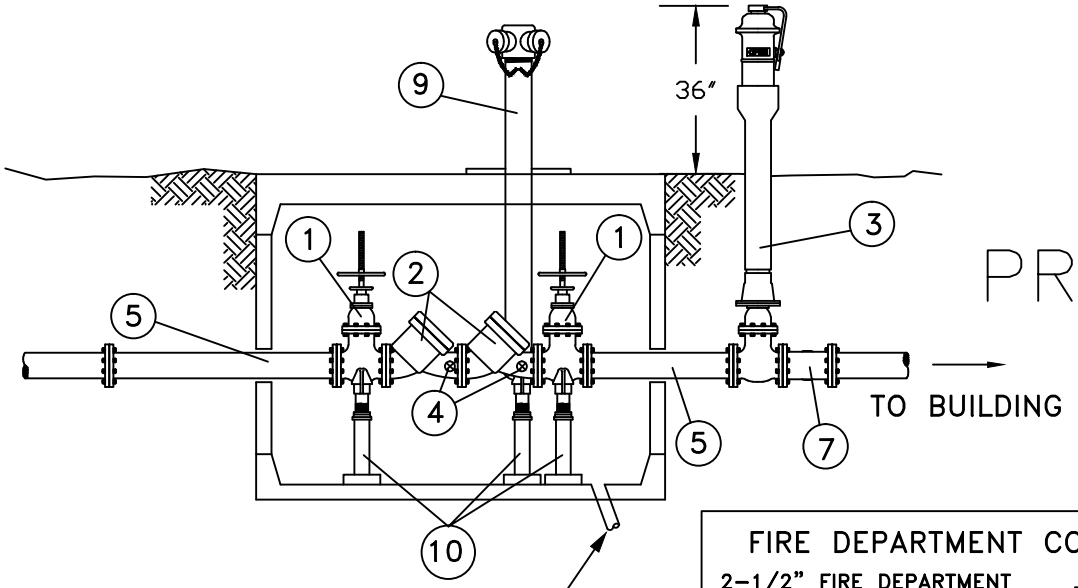
NOTES:

1. CONCRETE THRUST BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.
2. PLASTIC BARRIER SHALL BE PLACED BETWEEN ALL THRUST BLOCKS & FITTINGS.
3. ANCHOR REBAR SHALL BE #5 ON 12" DIA. AND LESS WITH 30" IMBEDMENT, #5 ON 16"-24" DIAMETER WITH 36" IMBEDMENT.
4. PLUGS TO BE MINIMUM OF 5' FROM TEE, WYE, CROSS ON VALVE.

APPROVED BY	DATE		THRUST BLOCK	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		WA-506
TOWN ENGINEER				

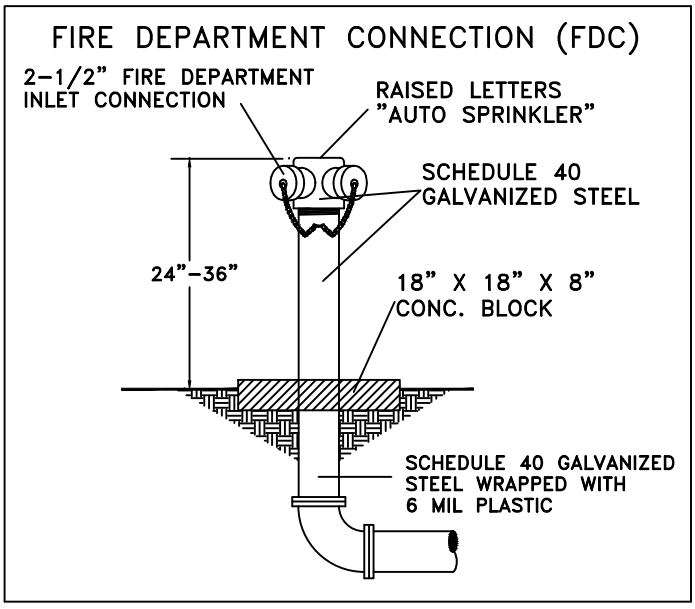
T:\GIS\PPW\TLG GENERAL\Standard Details\WA-506.dwg





MATERIAL LIST:

1. OS&Y GATE VALVE W/HANDWHEEL FL X FL
2. DOUBLE (DSHS APPROVED) CHECK DETECTOR CHECK VALVE FL X FL
3. POST INDICATOR VALVE
4. 3/4" BALL VALVE (TEST COCK)
5. CLASS 52 DI WALL PIPE FL X FL
6. CLASS 52 DI 90° BEND FL X FL
7. CLASS 52 DI TEE FL X FL
8. SWING CHECK VALVE W/BALL DRIP ASSEMBLY
9. FIRE DEPARTMENT CONNECTION
10. VALVE STANDS
11. WHERE PIPING PASSES THROUGH CONCRETE WALL PROVIDE 2" CLEARANCE W/ WATERPROOF MASTIC OR FLEXIBLE SEALANT



GENERAL NOTES:

A. PIPE FROM VAULT TO BUILDING SHALL BE CLASS 50 DI.

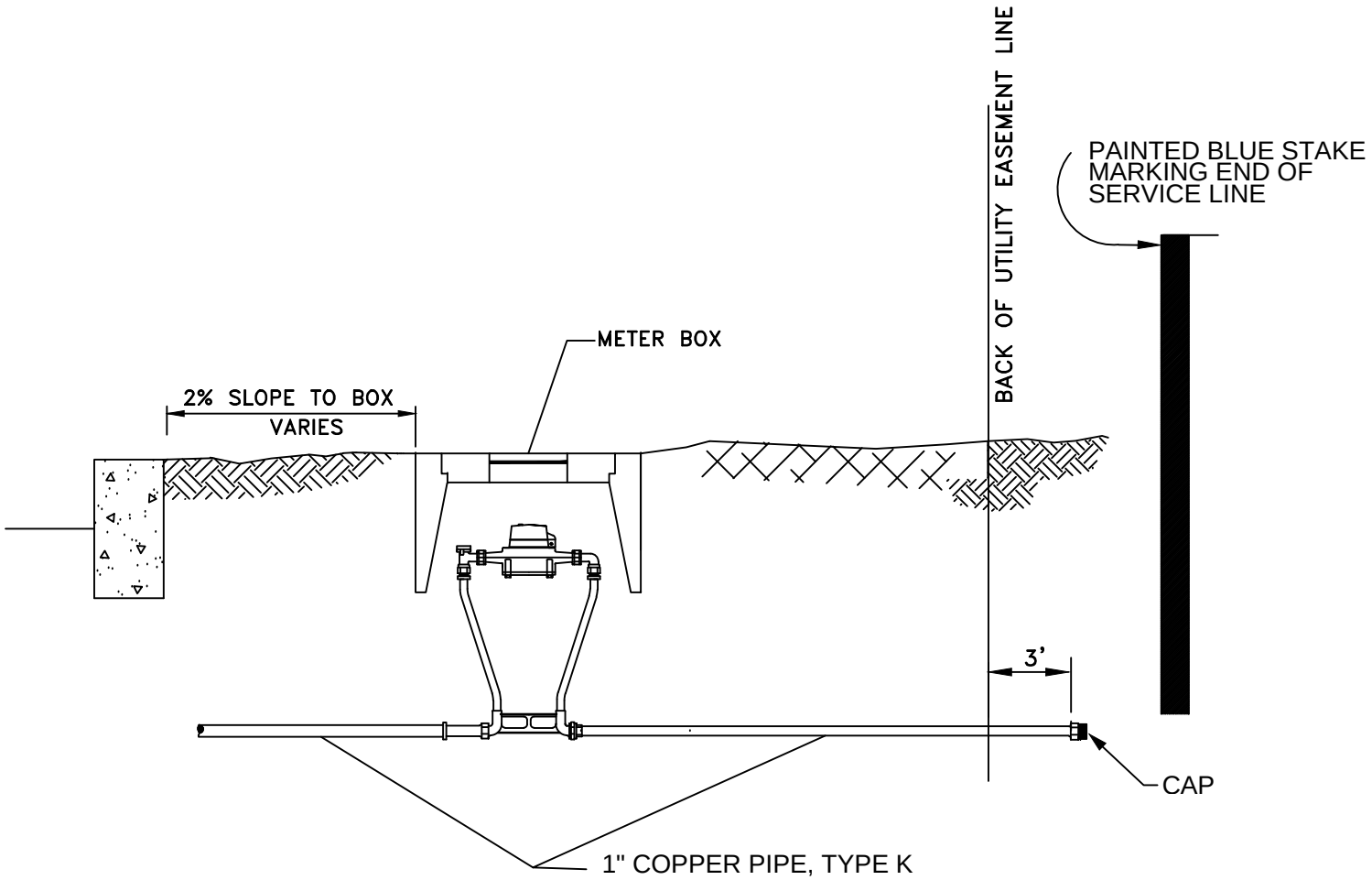
B. TAMPER SWITCHES SHALL BE INSTALLED ON 1 AND 3 CONNECTED TO BUILDING FIRE ALARM SYSTEM.

C. INSTALL PLUGS ON ALL TEST COCKS. FINGER TIGHTEN.

D. ALL PIPING SHALL BE A MINIMUM OF 4" DIA. AS PER NFPA13.

APPROVED BY	DATE		DOUBLE CHECK VALVE ASSEMBLY WITH/FDC	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		WA-507
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\WA-507.dwg

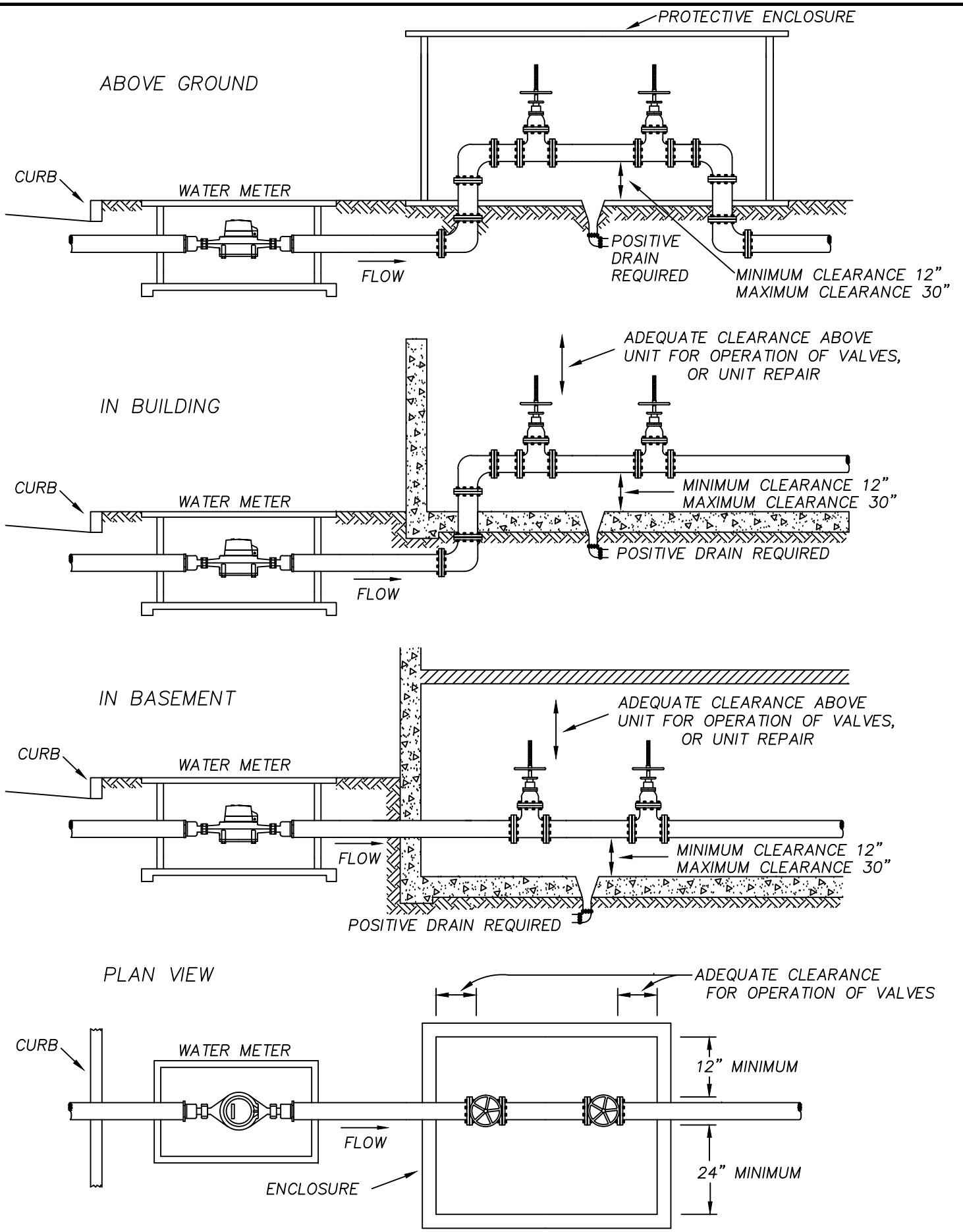


SEE STD. PLAN 501 FOR DETAILS

NOT TO SCALE

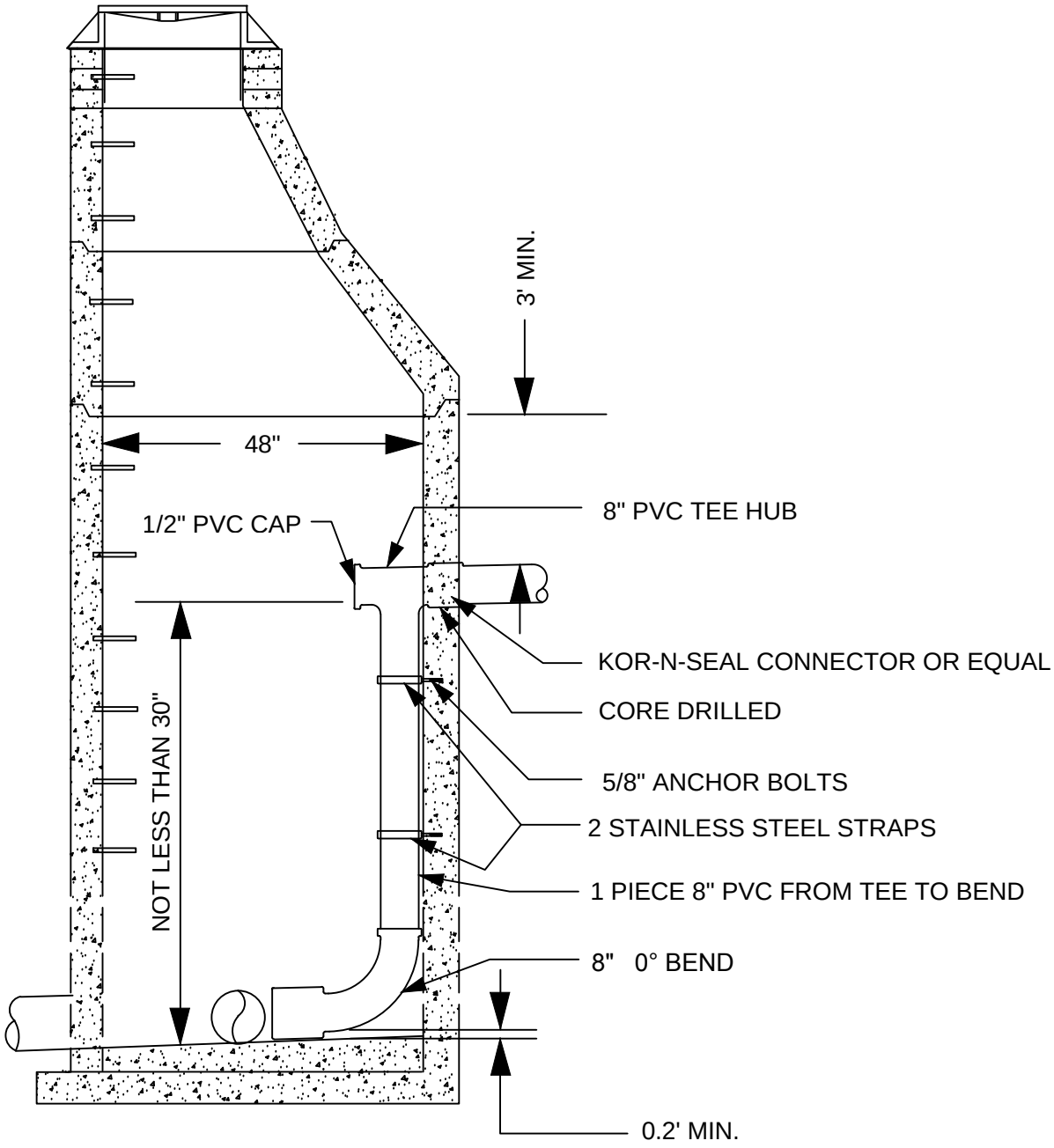
APPROVED BY	DATE		TYPICAL METER PLACEMENT	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		WA-508
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\WA-508.dwg



APPROVED BY	DATE		TYP. INSTALLATION OF BACKFLOW PREVENTION ASSEMBLY	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		WA-509
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\WA-509.dwg



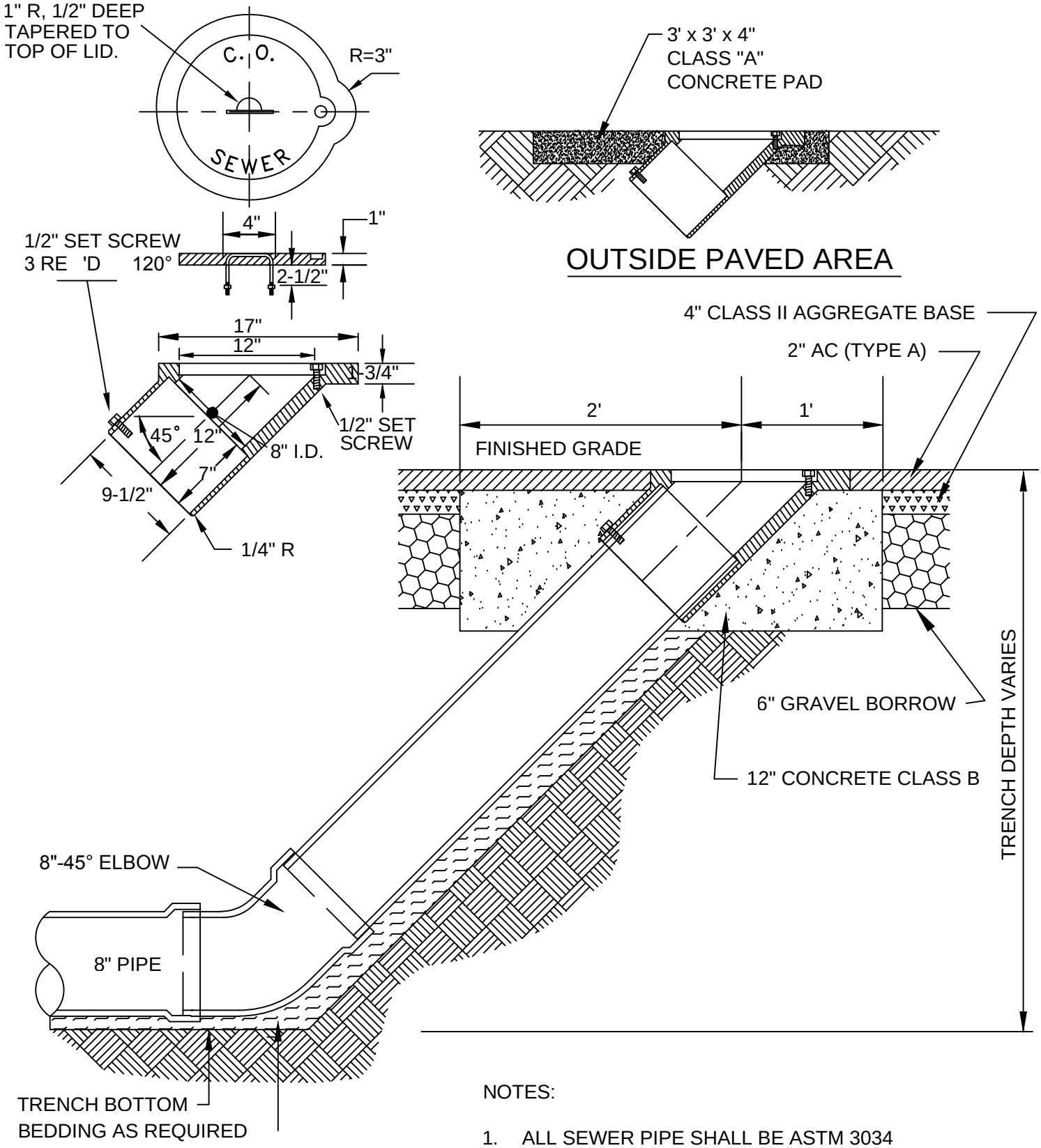
NOTES:

1. DROP TEE TO BE INSTALLED MINIMUM OF 3' BELOW CONE SECTION.
2. INSIDE DROP MANHOLE SHALL BE INSTALLED ONLY WHERE APPROVED BY THE TOWN ENGINEER.

NOT TO SCALE

APPROVED BY	DATE		INSIDE MANHOLE DROP CONNECTION	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			SS-603
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\SS-603.dwg



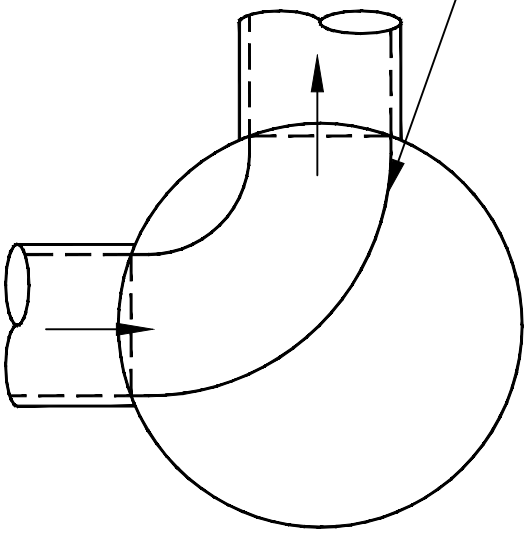
NOTES:

1. ALL SEWER PIPE SHALL BE ASTM 3034 SDR 35.
2. THE COVER SHALL BE LOCKING TYPE.

NOT TO SCALE

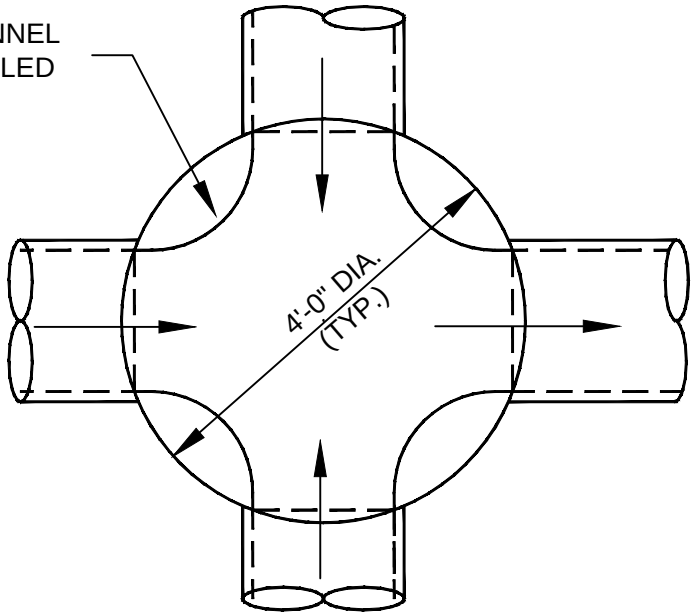
APPROVED BY	DATE		SEWER CLEANOUT	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			SS-604
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\SS-604.dwg



TYPICAL CURVED BASE

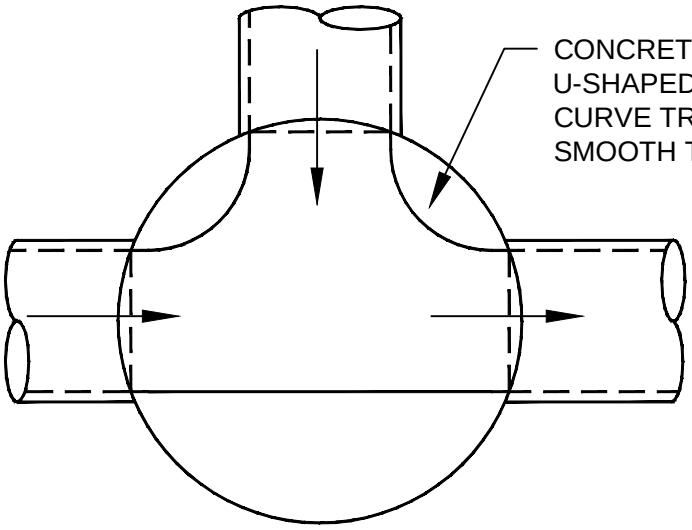
CONCRETE
U-SHAPED CHANNEL
CURVE TROWELLED
SMOOTH TO FIT.



TYPICAL BASE WITH 2 BRANCHES

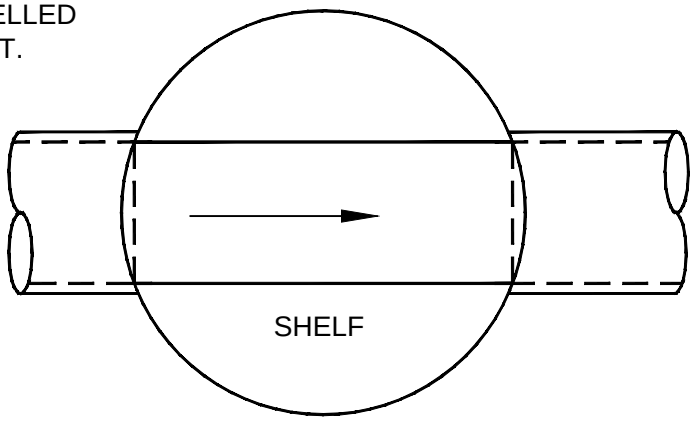
NOTE:

"U" SHAPED CHANNEL MAY BE FORMED IN MANHOLE BASE OR CONSTRUCTED BY LAYING PIPE THROUGH THE BASE AND BREAKING OUT THE TOP HALF OF PIPE AND FORMING REMAINDER OF "U" SHAPED CHANNEL IN CONCRETE.



CONCRETE
U-SHAPED CHANNEL
CURVE TROWELLED
SMOOTH TO FIT.

TYPICAL BASE WITH 1 BRANCH

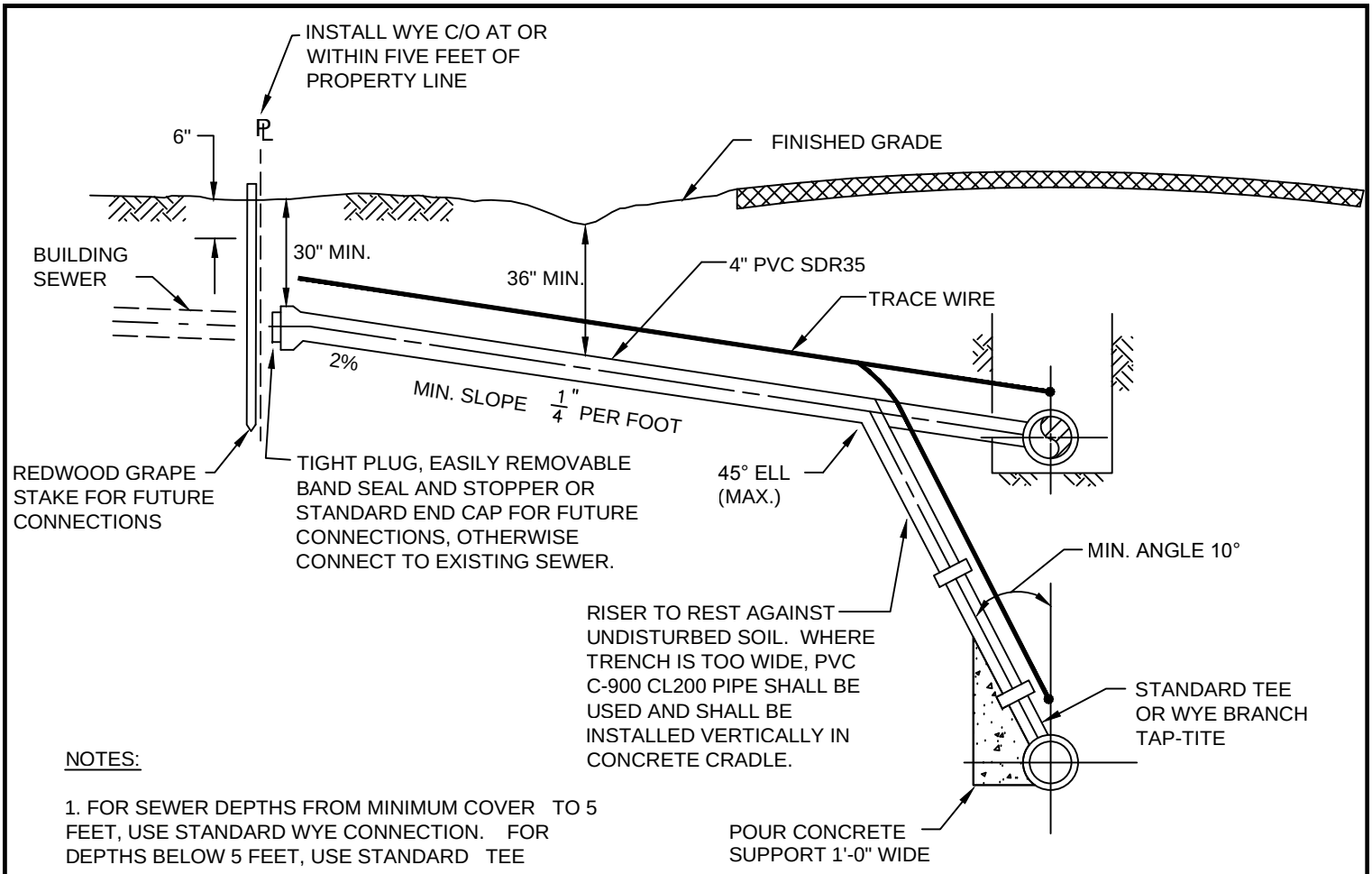


TYPICAL STRAIGHT THROUGH BASE

NOT TO SCALE

APPROVED BY	DATE		MANHOLE BASE SECTIONS	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			SS-605
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\SS-605.dwg



DEEP SEWER - GREATER THAN 10'

NOTES:

1. FOR SEWER DEPTHS FROM MINIMUM COVER TO 5 FEET, USE STANDARD WYE CONNECTION. FOR DEPTHS BELOW 5 FEET, USE STANDARD TEE CONNECTION WITH SLOPING RISER AS SHOWN. TAP-TITE CONNECTIONS MAY BE USED WHERE APPLICABLE.

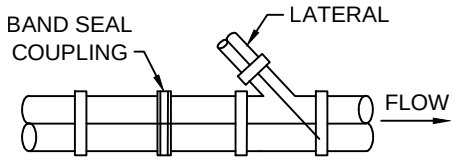
2. WHEN SEWER IS AT MINIMUM DEPTH, HOLD SERVICE LINE TO MINIMUM SLOPE AND LESSEN COVER AT PROPERTY LINE, OTHERWISE 3 FEET OF COVER TO OFFICIAL GRADE IS REQUIRED AT PROPERTY LINE.

3. THE LOCATION OF ALL SEWER LATERALS SHALL BE MARKED WITH A LETTER "S" ON TOP OF CURB OR BACK OF WALK.

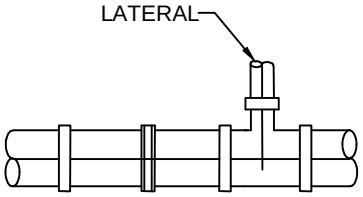
4. ALL SERVICE TEES OR WYES SHALL BE MANUFACTURER'S STANDARD FITTINGS. CONNECTION CLOSURE SHALL BE BY STANDARD BAND SEAL COUPLINGS ON SERVICE ADDITIONS. NO PIPE BREAKING AND CONCRETE PATCHING WILL BE PERMITTED, ONLY NEATLY SNAPPED OR SAWCUT LENGTHS WILL BE ALLOWED.

5. 8 GAUGE COPPER WIRE FOR TRACING PURPOSES SHALL BE PLACED ON ALL NEW LATERALS AND REPLACEMENT LATERALS WHEN EXCAVATION IS FROM MAIN LINE TO THE PROPERTY LINE CLEANOUT. WIRE TO BE BROUGHT TO RISER WITH TWO FEET COILED INSIDE BOX.

6. TAP-TITE AND TEE CONNECTIONS ARE NOT ALLOWED IN TERMINATING SEWER MAINS (MOST UPSTREAM LINE).



STANDARD WYE CONNECTION AT MAIN
SEE NOTES 1 AND 4



STANDARD TEE CONNECTION AT MAIN
SEE NOTES 1 AND 4

APPROVED BY	DATE		SANITARY SEWER LATERAL CONNECTIONS	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		SS-606
TOWN ENGINEER				

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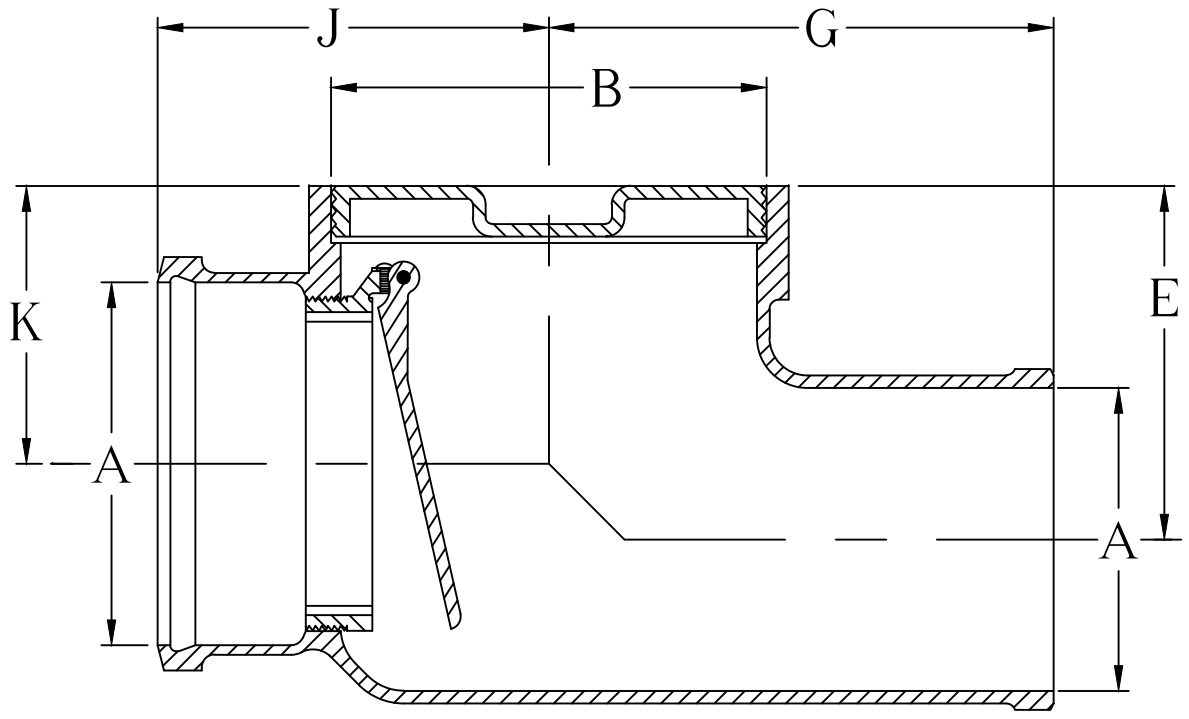

ZURN Z-1095 Backflow Preventer with Flapper

Dimensions in inches

A = 4 , B = 6 , E = 5 5/8 , G = 8 1/2 ,
J = 6 3/4 , K = 4 1/8

Note: The body shall be duracoated cast iron with Bronze threaded cover, automatic type valve seat and flapper which hangs closed during periods of non-operation.

All basements shall have a backflow preventor installed on their sewer line.

NOT TO SCALE

APPROVED BY	DATE		BACKFLOW PREVENTOR	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			SS-607
TOWN ENGINEER				

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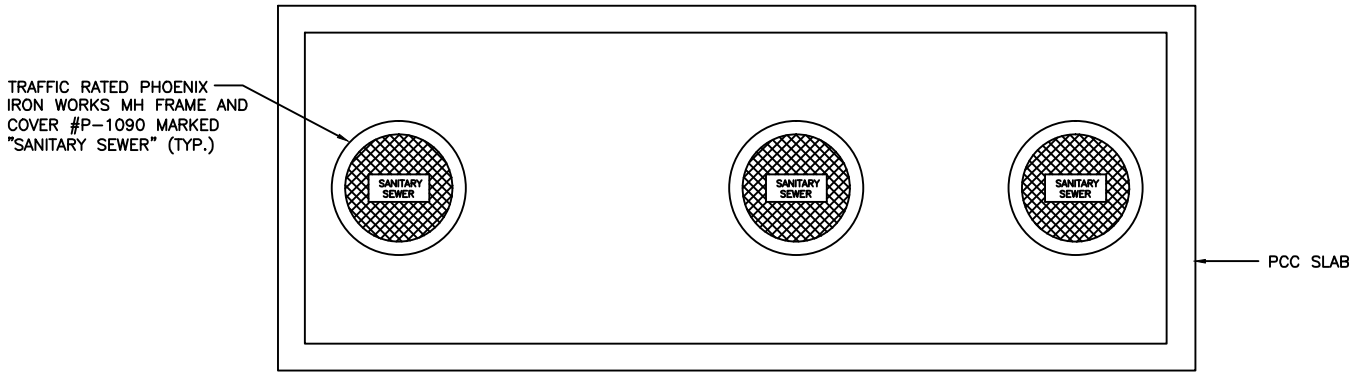
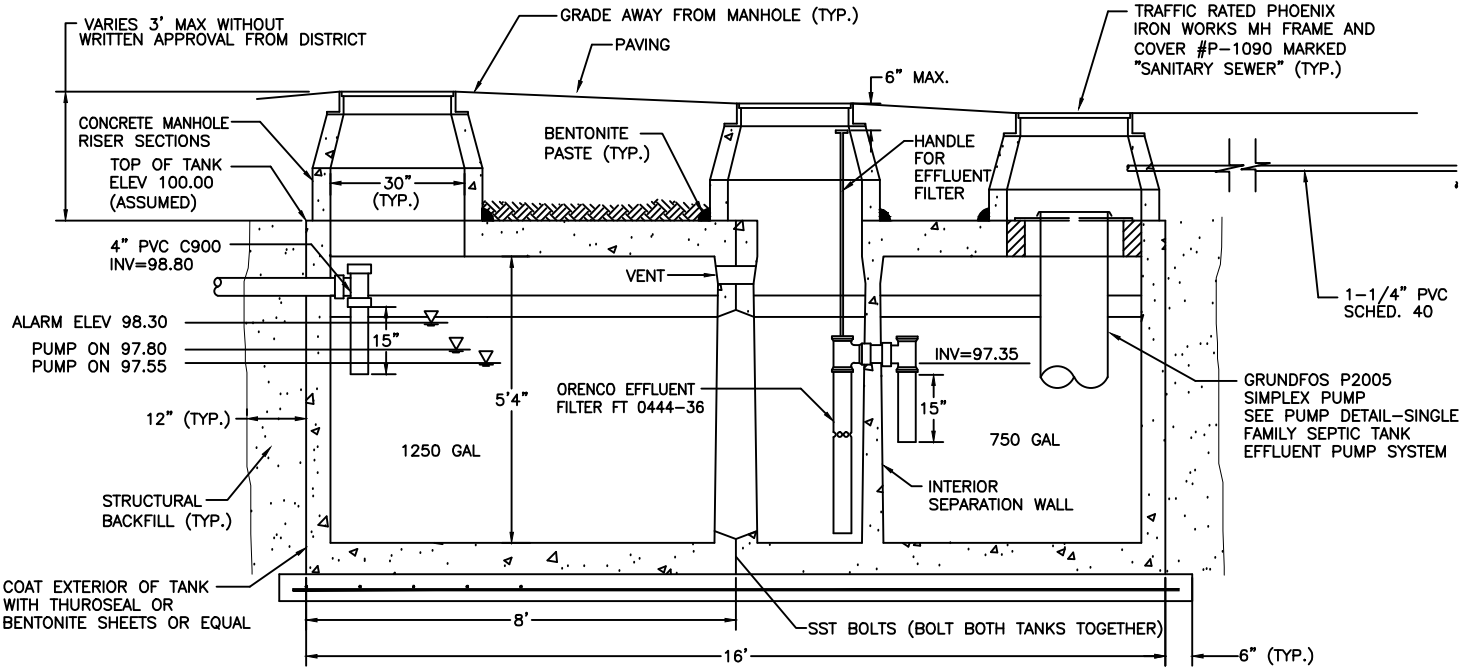
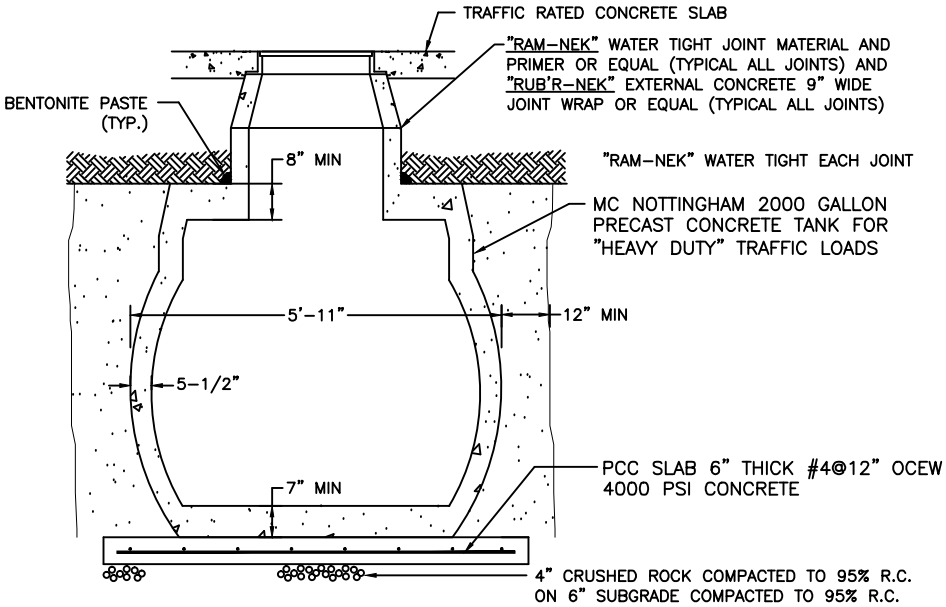


PLAN VIEW



LONGITUDINAL TANK CROSS SECTION



TYPICAL TANK CROSS SECTION

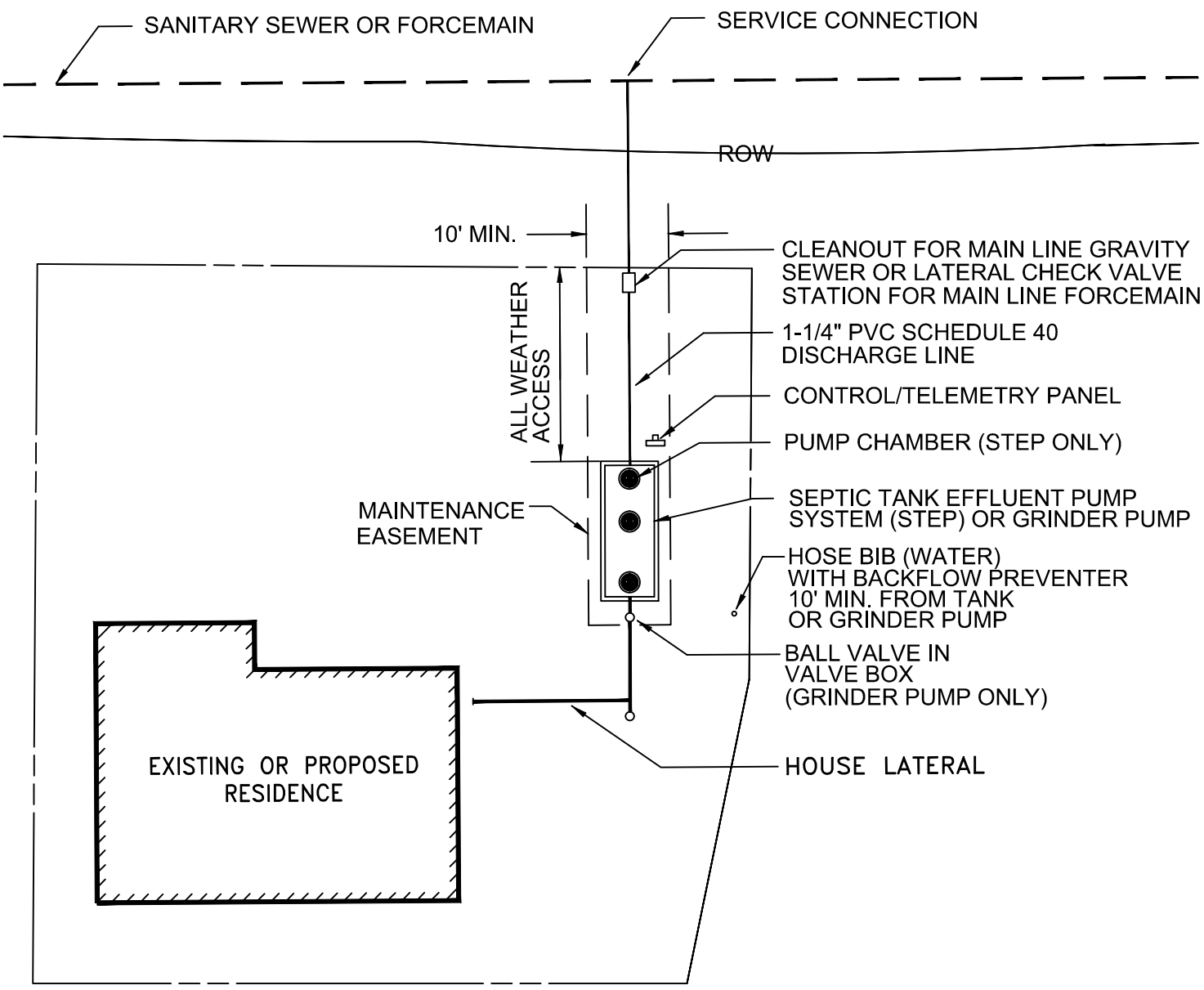
NOTE:

TANK SHALL BE A TWO COMPARTMENT PRECAST CONCRETE TANK WITH THREE MANHOLES AND GAS-TIGHT LIDS. THE SEDIMENT COMPARTMENT SHALL HAVE 1250 GAL. CAPACITY AND THE EFFLUENT COMPARTMENT SHALL HAVE 750 GAL. CAPACITY.

NOT TO SCALE

APPROVED BY	DATE		SINGLE FAMILY SEPTIC TANK EFFLUENT PUMPING (STEP) SYSTEM	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		SS-608
TOWN ENGINEER				

T:\GIS\PPW\TLG GENERAL\Standard Details\SS-608.dwg



NOTES:

1) LOCATION OF ALL SANITARY FACILITIES SHALL BE SUBJECT TO DISTRICT APPROVAL.

2) PROVIDE VEHICLE ACCESS TO GRINDER PUMP/STEP SYSTEM.

3) AN EASEMENT SHALL BE GRANTED TO THE DISTRICT FOR VEHICULAR INGRESS/EGRESS AND FOR MAINTENANCE PURPOSES.

4) #8 GAUGE COPPER WIRE FOR TRACING PURPOSES SHALL BE PLACED ON ALL NEW LATERALS/DISCHARGE LINES.

5) CONTRACTOR SHALL SUBMIT PUMP INFORMATION PRIOR TO INSTALLATION.

APPROVED BY	DATE		TYPICAL STEP/GRINDER PUMP SYSTEM	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			SS-609
TOWN ENGINEER				

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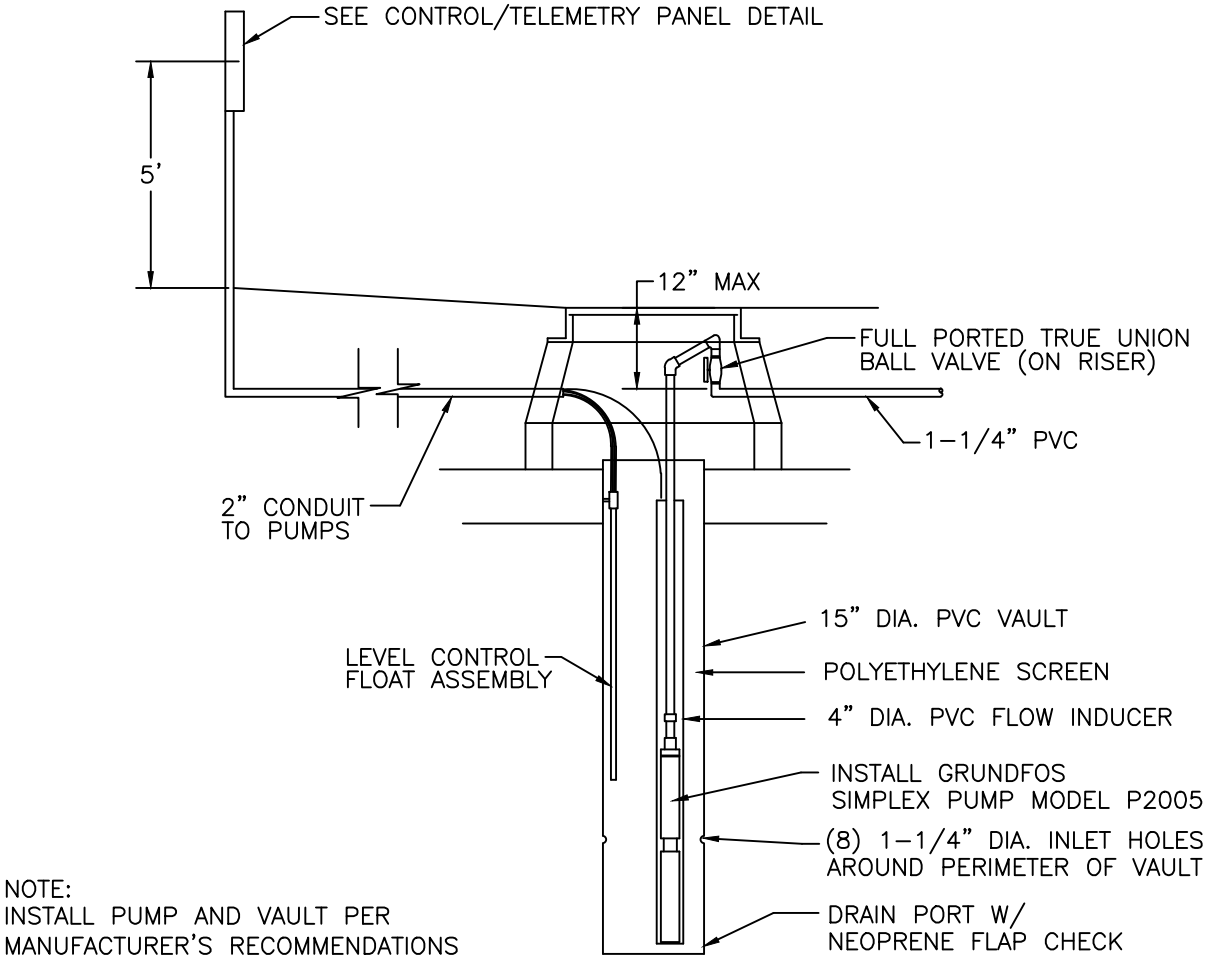
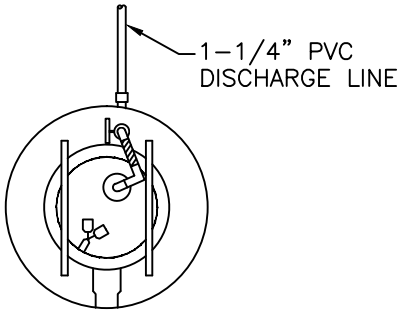


PUMP DETAIL

NOT TO SCALE



TOP VIEW
RISER ASSEMBLY

APPROVED BY	DATE		PUMP DETAIL-SINGLE FAMILY SEPTIC TANK EFFLUENT PUMP (STEP) SYSTEM	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		SS-610
TOWN ENGINEER				

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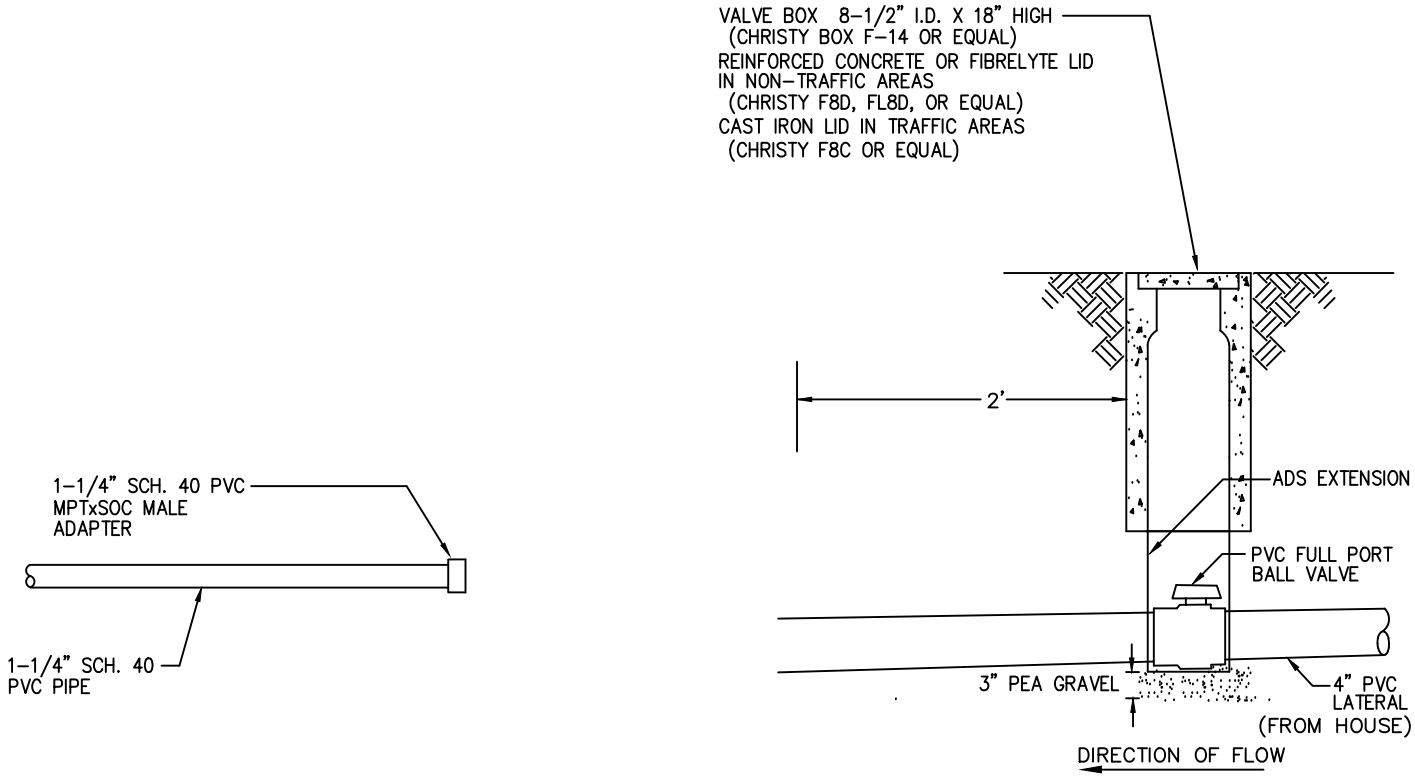

NOTES:

1. Pump shall be Environment One Model GP 2010-74 with poured-in-place concrete anchor. (2773 Balltown Road, Schenectady, NY 12309-1090. (518) 346-6161, Fax (518) 346-6188. SHAPE Inc. (925) 485-6085)
2. Pump shall be installed per manufacturer's recommendations.
3. See Single Family Grinder Pump Information Detail for pump anchor detail.
4. See 1-1/4 Inch Lateral Check Valve Station Detail for discharge line valve requirements.
5. Contractor shall supply District with handle to turn PVC ball valve.
6. Control Panel (supplied by ISAC (as per detail)).

APPROVED BY	DATE		SINGLE FAMILY GRINDER PUMP INSTALLATION DETAIL	STD. PLAN NO.
Kevin Kofani	NOVEMBER 2010			SS-611
TOWN ENGINEER				

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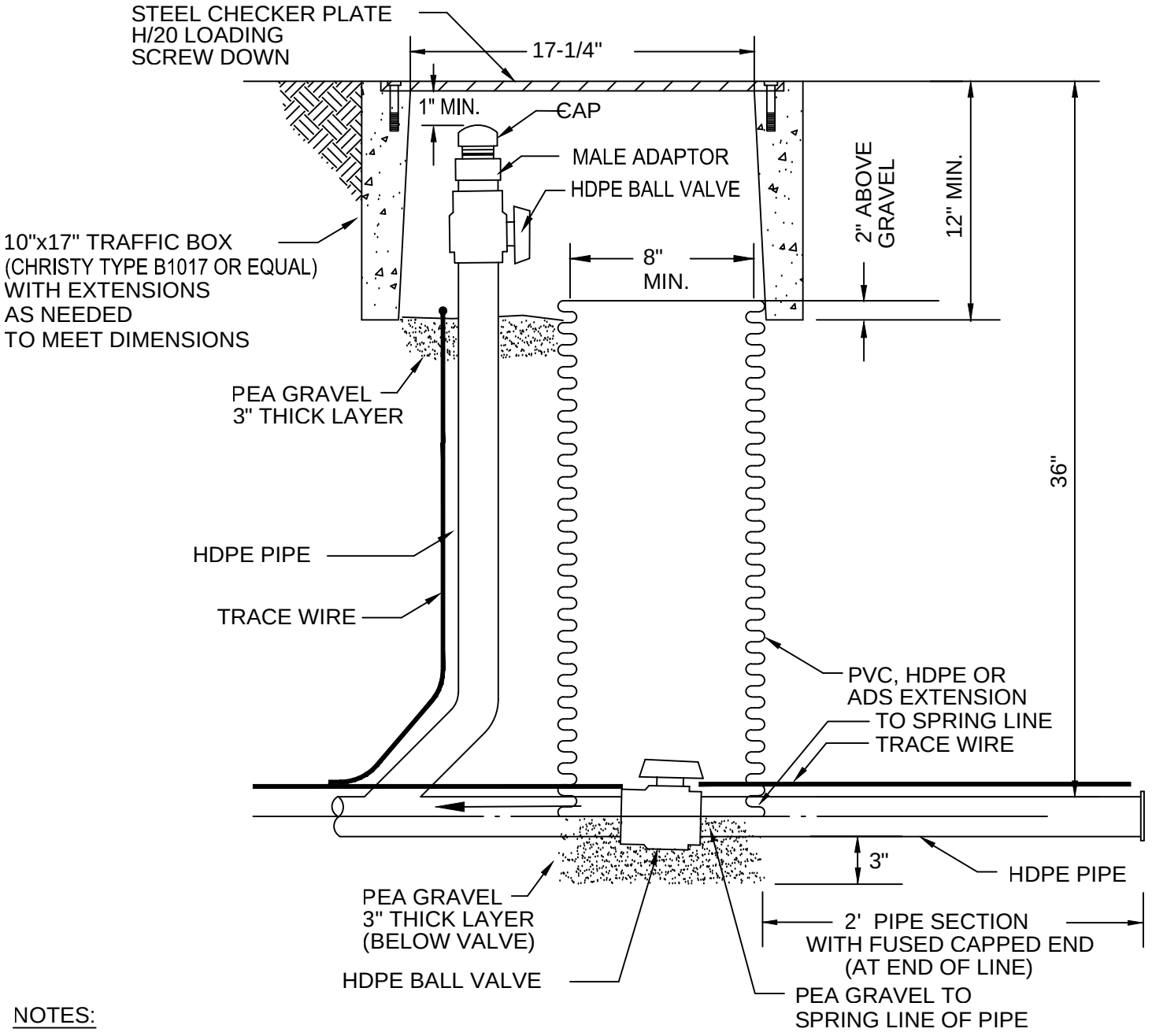

NOTES:

1. CONTRACTOR SHALL SUPPLY DISTRICT WITH 4'-5' VALVE ACTUATOR HANDLE TO TURN VALVE.
2. ALL HDPE JOINTS SHALL BE FUSED.
3. TRACE WIRE SHALL BE CONTINUOUS #8 COPPER WITH 2 FEET COILED IN BOX.
4. RISER SHALL BE SAME SIZE AS FORCEMAIN.

APPROVED BY	DATE		CLEANOUT 2"-3" FORCEMAIN (STEP & GRINDER PUMP SYSTEMS)	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		SS-613
TOWN ENGINEER				

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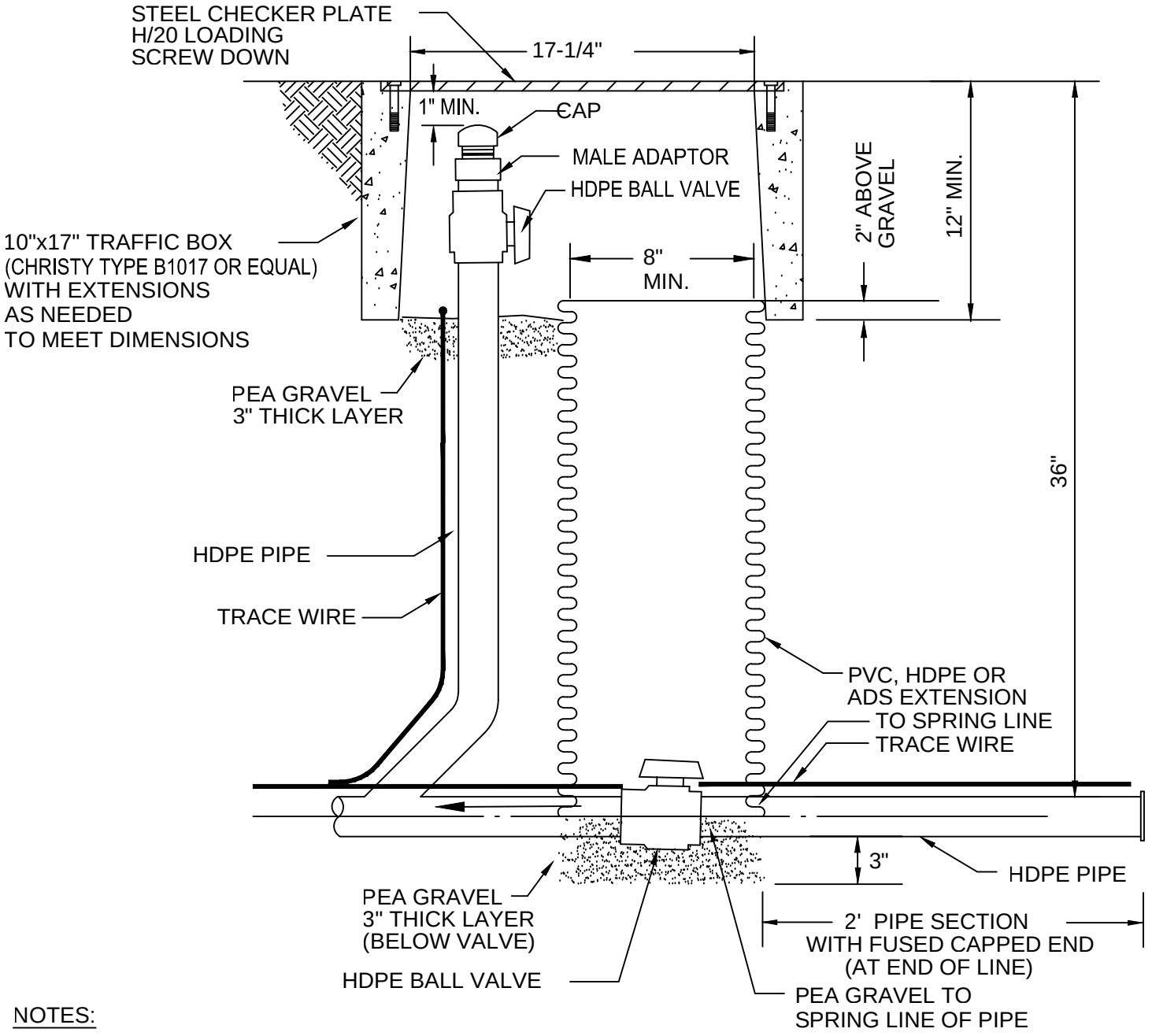

NOTES:

1. CONTRACTOR SHALL SUPPLY DISTRICT WITH 4'-5' VALVE ACTUATOR HANDLE TO TURN VALVE.
2. ALL HDPE JOINTS SHALL BE FUSED.
3. TRACE WIRE SHALL BE CONTINUOUS #8 COPPER WITH 2 FEET COILED IN BOX.
4. RISER SHALL BE SAME SIZE AS FORCEMAIN.

APPROVED BY	DATE		CLEANOUT 2"-3" FORCEMAIN (STEP & GRINDER PUMP SYSTEMS)	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		SS-613
TOWN ENGINEER				

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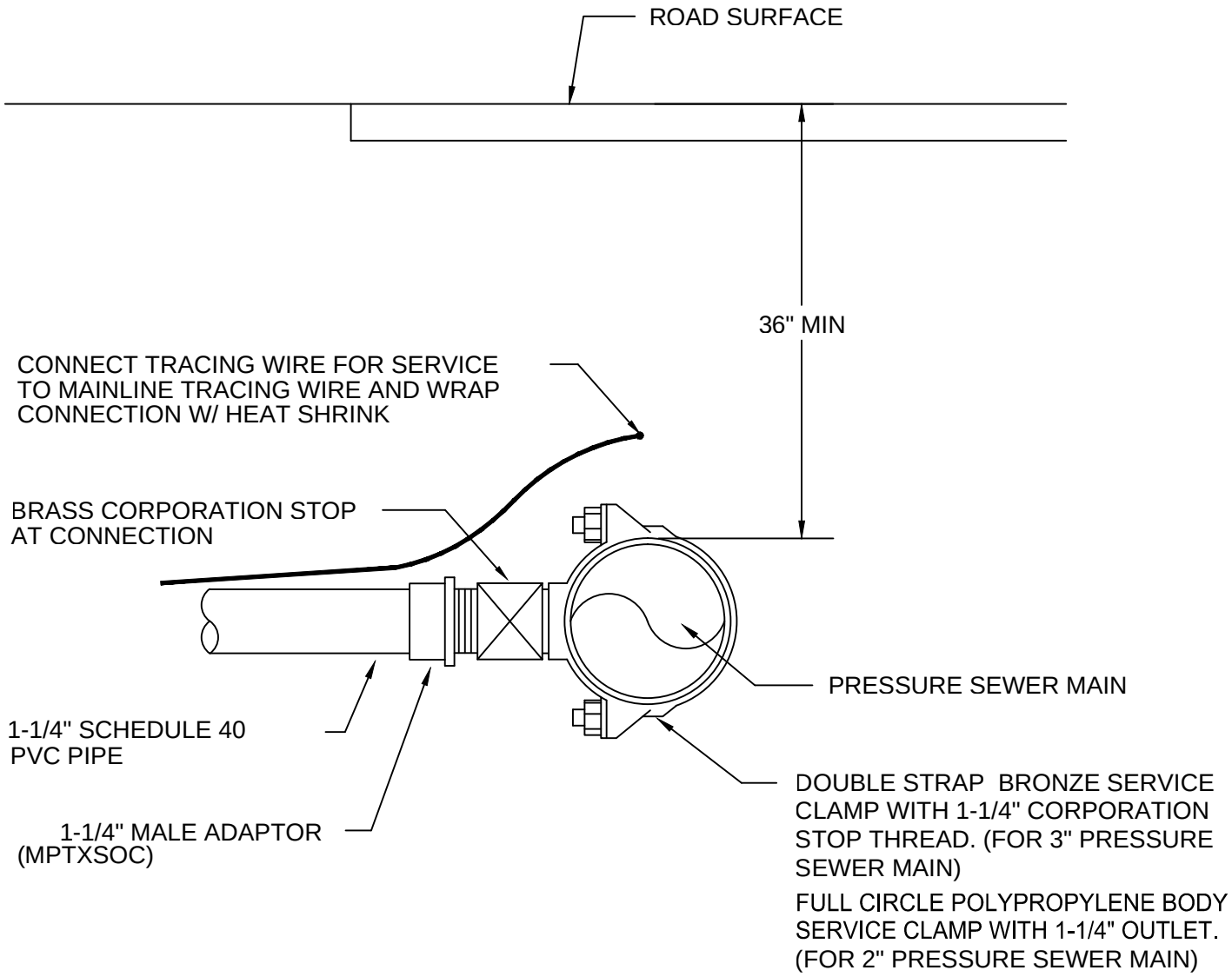

NOTES:

1. TRACE WIRE SHALL BE CONTINUOUS #8 COPPER WIRE.
2. THE CONTRACTOR SHALL EXCAVATE BY HAND EXPOSING THE EXISTING PRESSURE SEWER MAIN.

APPROVED BY	DATE		FORCEMAIN SERVICE CONNECTION	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		SS-614
TOWN ENGINEER				

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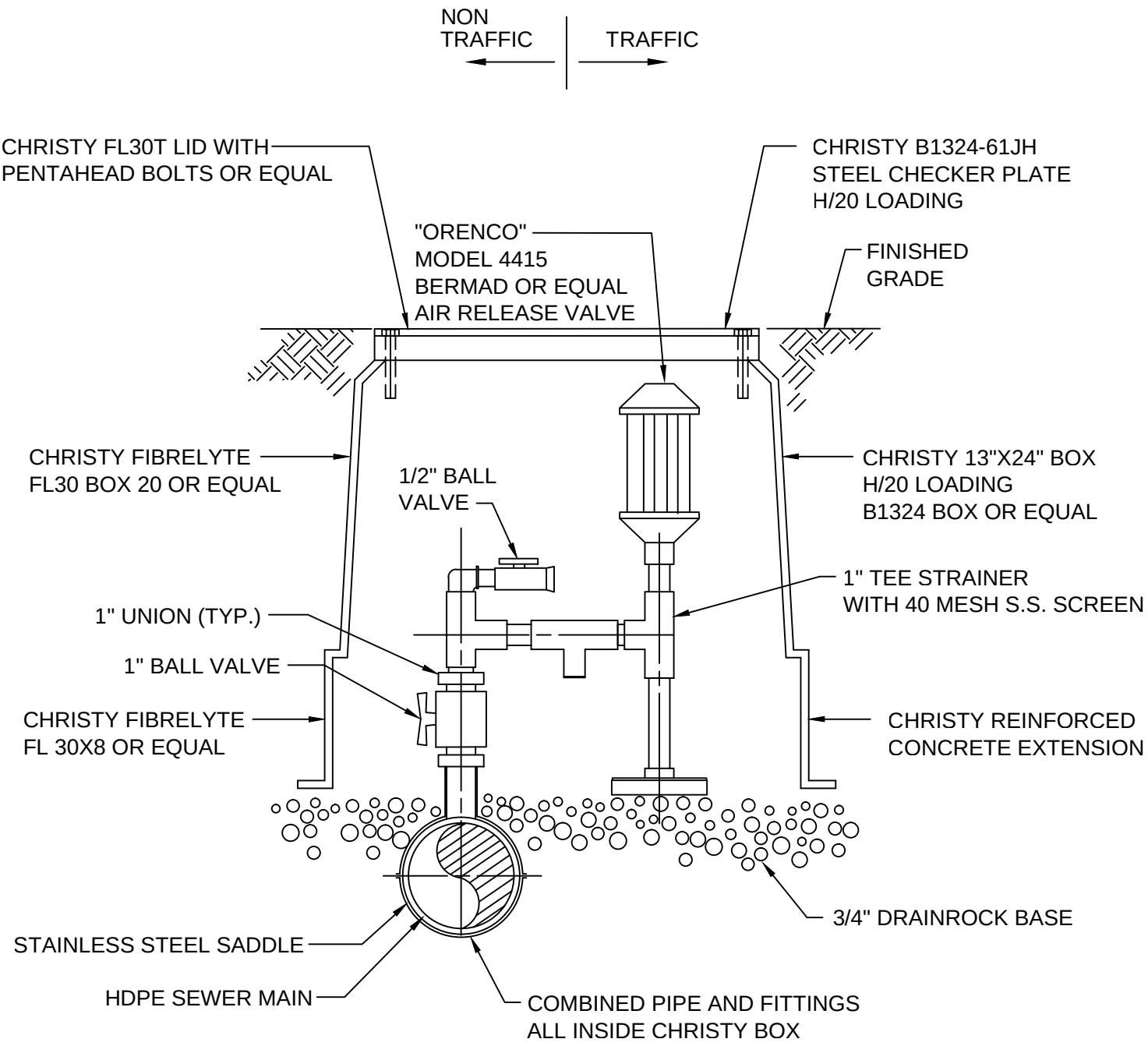

NOTE:

AIR RELEASE ASSEMBLY PIPE AND FITTINGS TO BE PVC.

APPROVED BY	DATE		AIR RELEASE ASSEMBLY FOR STEP MAIN	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010			SS-615
TOWN ENGINEER				

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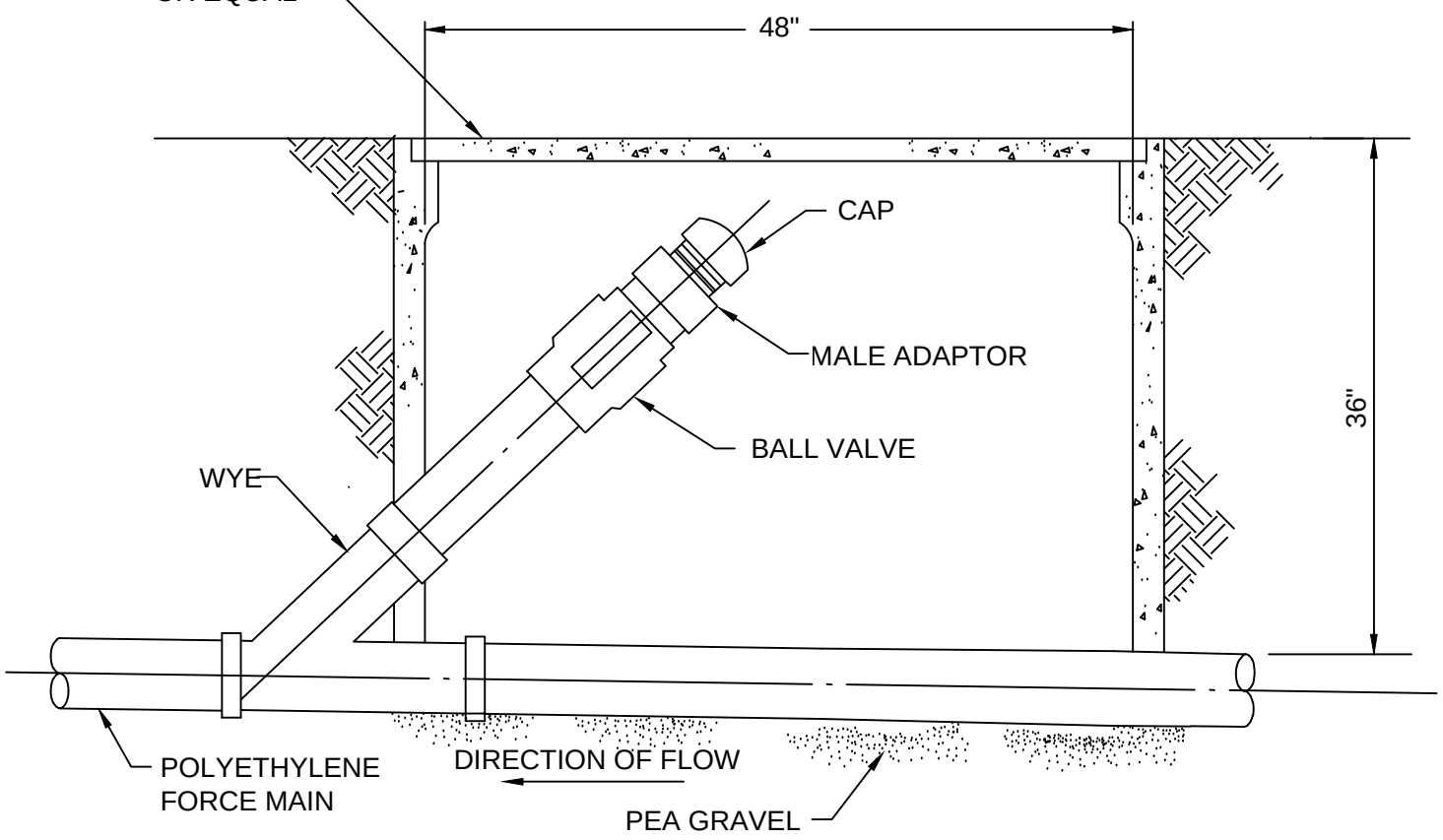
CHRISTY CONCRETE PRODUCTS
U52 GRADE RING WITH VAULT
FRAME 36"x48"x3' DEEP
T52-51JH TRAFFIC COVER
OR EQUAL



NOTES:

PIPE, FITTINGS AND VALVES TO BE POLYETHYLENE

APPROVED BY	DATE		CLEANOUT PIT AT FORCE MAIN	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		SS-616
TOWN ENGINEER				

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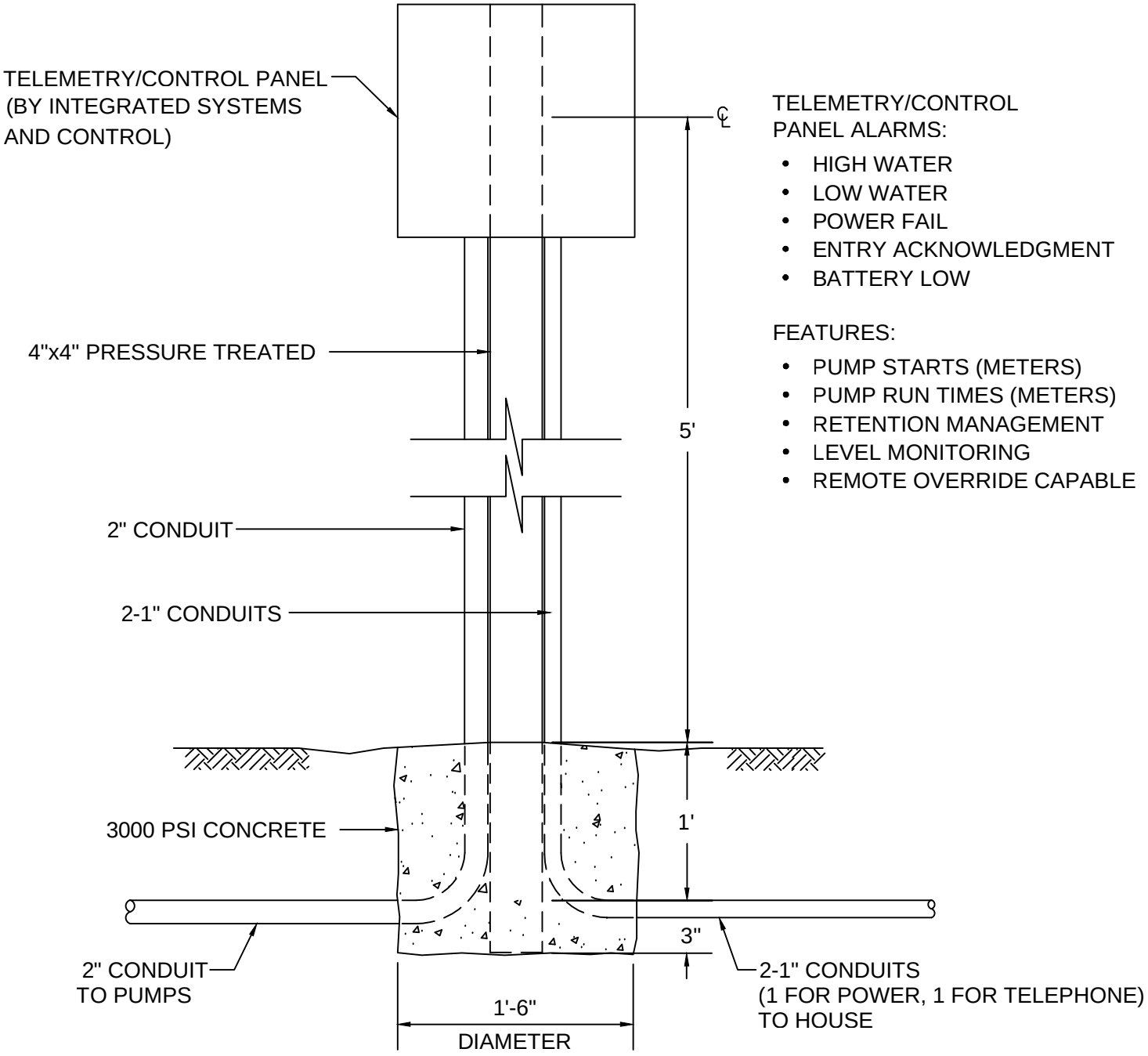

TELEMETRY/CONTROL PANEL ALARMS:

- HIGH WATER
- LOW WATER
- POWER FAIL
- ENTRY ACKNOWLEDGMENT
- BATTERY LOW

FEATURES:

- PUMP STARTS (METERS)
- PUMP RUN TIMES (METERS)
- RETENTION MANAGEMENT
- LEVEL MONITORING
- REMOTE OVERRIDE CAPABLE

NOTES:

1) THE PANEL IS TO CONTROL THE PUMPS AND TO NOTIFY WEST BAY SANITARY DISTRICT SHOULD A MALFUNCTION OCCUR.
2) THE PROPERTY OWNER SHALL PROVIDE A PHONE LINE FOR THE PANEL. THE PHONE LINE'S SINGLE PURPOSE SHALL BE FOR TELEMETRY PANEL USE.
3) CONTROL/TELEMETRY PANEL SHALL BE SUPPLIED, APPROVED, AND CERTIFIED BY INTEGRATED SYSTEMS AND CONTROL (ISAC). (530) 878-9038.
4) LOCATION SUBJECT TO DISTRICT APPROVAL.
5) BURIED CONDUIT SHALL BE PVC SCHEDULE 40. EXPOSED CONDUIT SHALL BE GALVANIZED STEEL OR ALUMINUM.
6) CONTROL PANEL MUST BE SUPPLIED WITH HAND-OFF-AUTO SWITCH AND HOUR METERS. WITH HAND-OFF-AUTO SWITCH AND

APPROVED BY	DATE		CONTROL / TELEMETRY PANEL	STD. PLAN NO.
Kevin Rohani	NOVEMBER 2010	TOWN OF LOS GATOS		SS-617
TOWN ENGINEER				

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