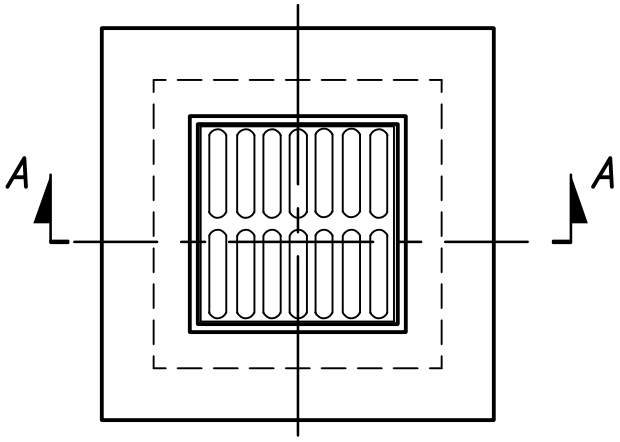
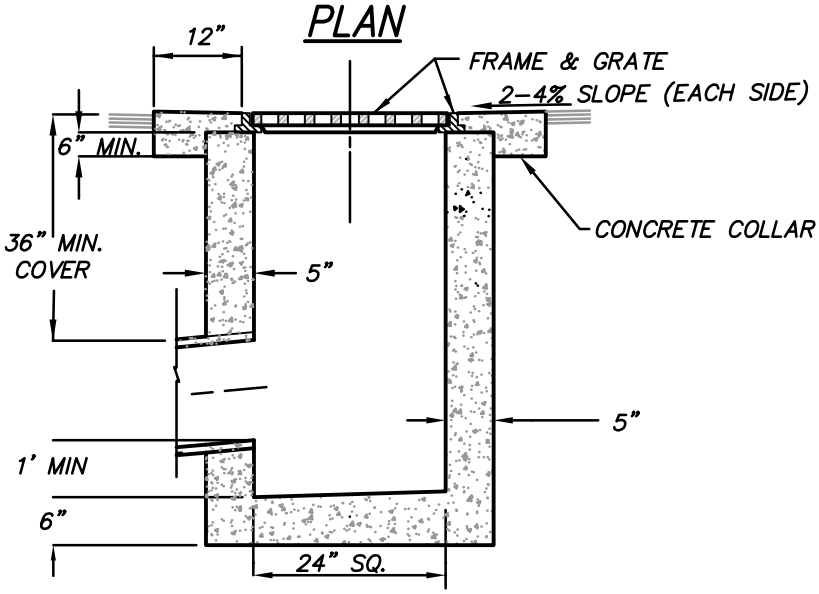
STANDARD DETAILS



PLAN

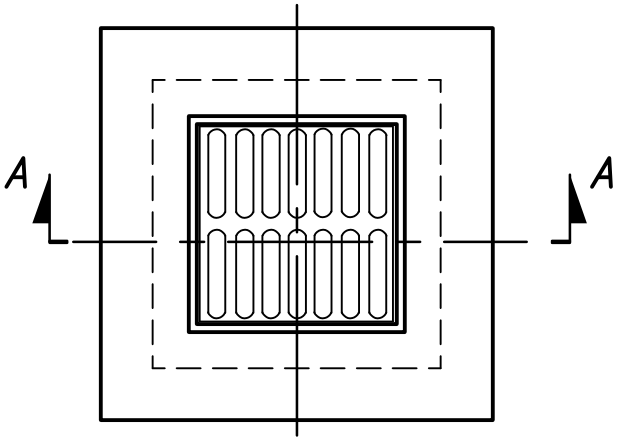


SECTION A–A

NOTES:

1. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 337.10 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTIONS 302, 304 & 308 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. USE STRUCTURAL BACKFILL FOR BASE BENEATH DROP INLET FLOOR AND BACKFILLING OF DROP INLET AND SHALL BE COMPACTED TO A RELATIVE COMPACTION OF 95%.
3. REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF SECTION 326 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. REINFORCING STEEL TO HAVE A MINIMUM OF 2 INCH CLEARANCES.
4. DROP INLET MAY BE A CAST–IN–PLACE CONCRETE UNIT WITH PRIOR APPROVAL FROM THE CITY OF WELLS.
5. DROP INLET SHALL BE TRAFFIC–RATED & LOCATED AT THE LOW POINTS OR PER APPROVED PLANS..
6. INFLOW PIPE INVERT ELEVATION SHALL BE ≥ 0.1 FEET ABOVE OUTFLOW PIPE INVERT ELEVATION.
7. A STENCIL SHALL BE APPLIED TO THE TOP OF THE CONCRETE CURB ADJACENT TO THE DROP INLET WHICH READS "NO DUMPING! DRAINS TO RIVER".
8. GRATE OPENINGS SHALL BE PERPENDICULAR TO THE FLOWLINE AND SHALL BE A.D.A. COMPLIANT WHEN LOCATED IN ACCESSIBLE ROUTE.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION DRAINAGE	
			DROP INLET TYPE 3R PRE–CAST	DRAWING NO. D–1.1	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1



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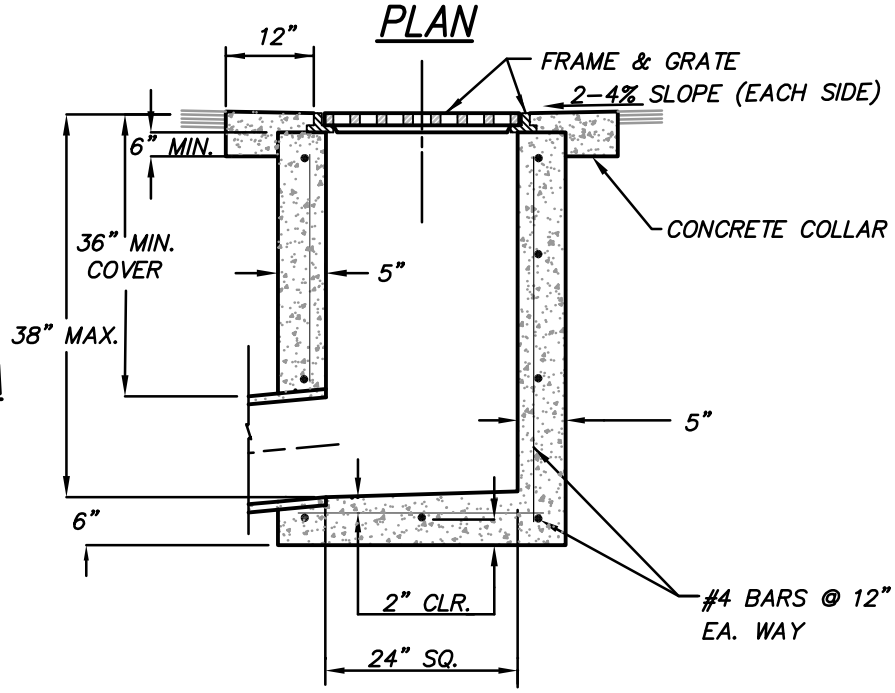
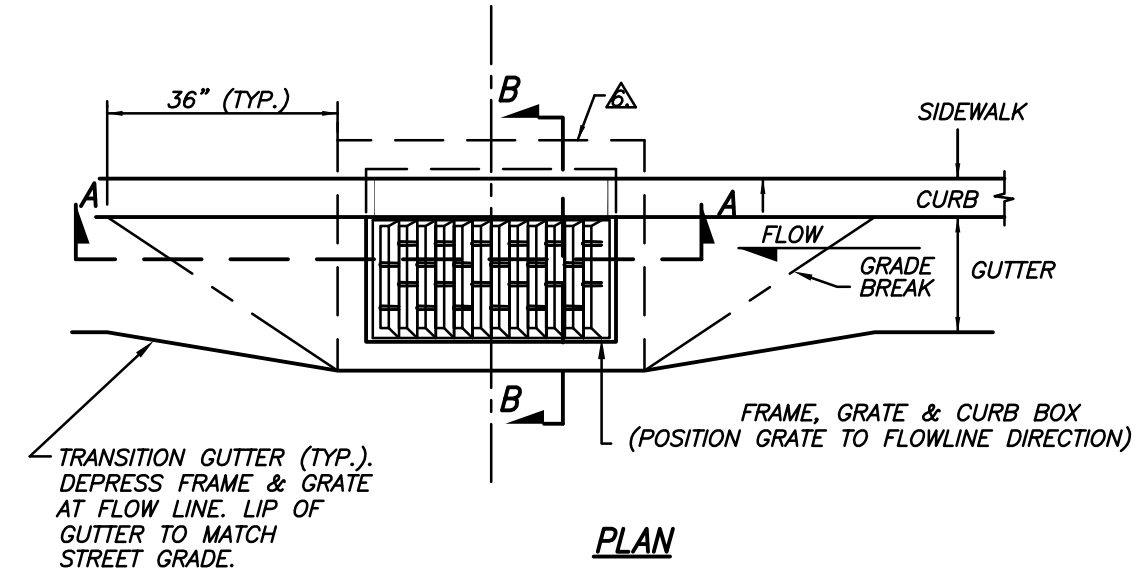


SECTION A–A

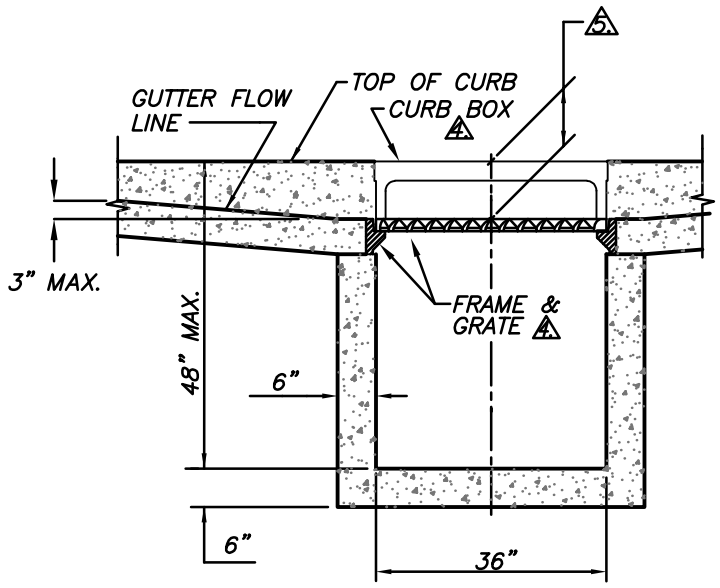
NOTES:

1. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 337.10 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTIONS 302, 304 & 308 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. USE STRUCTURAL BACKFILL FOR BASE BENEATH DROP INLET FLOOR AND BACKFILLING OF DROP INLET AND SHALL BE COMPACTED TO A RELATIVE COMPACTION OF 95%.
3. REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF SECTION 326 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. REINFORCING STEEL TO HAVE A MINIMUM OF 2 INCH CLEARANCES.
4. DROP INLET MAY BE A CAST–IN–PLACE CONCRETE UNIT WITH PRIOR APPROVAL FROM THE CITY OF WELLS.
5. DROP INLET SHALL BE TRAFFIC–RATED & LOCATED AT THE LOW POINTS OR PER APPROVED PLANS..
6. INFLOW PIPE INVERT ELEVATION SHALL BE ≥ 0.1 FEET ABOVE OUTFLOW PIPE INVERT ELEVATION.
7. A STENCIL SHALL BE APPLIED TO THE TOP OF THE CONCRETE CURB ADJACENT TO THE DROP INLET WHICH READS "NO DUMPING! DRAINS TO RIVER".
8. GRATE OPENINGS SHALL BE PERPENDICULAR TO THE FLOWLINE AND SHALL BE A.D.A. COMPLIANT WHEN LOCATED IN ACCESSIBLE ROUTE.

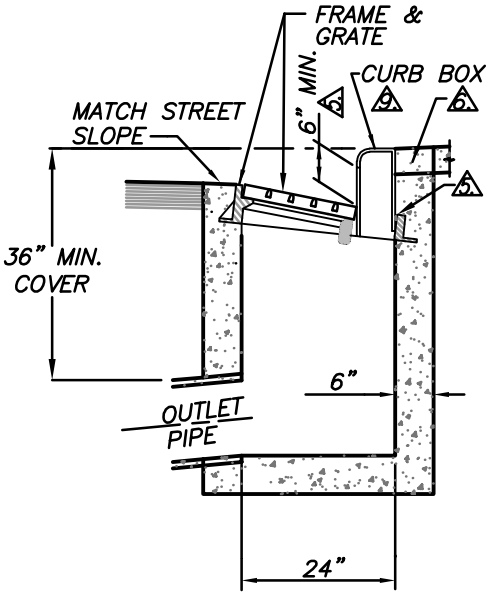
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION DRAINAGE	
			DROP INLET TYPE 3R CAST IN PLACE	DRAWING NO. D–1.2	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1



PLAN



SECTION A–A

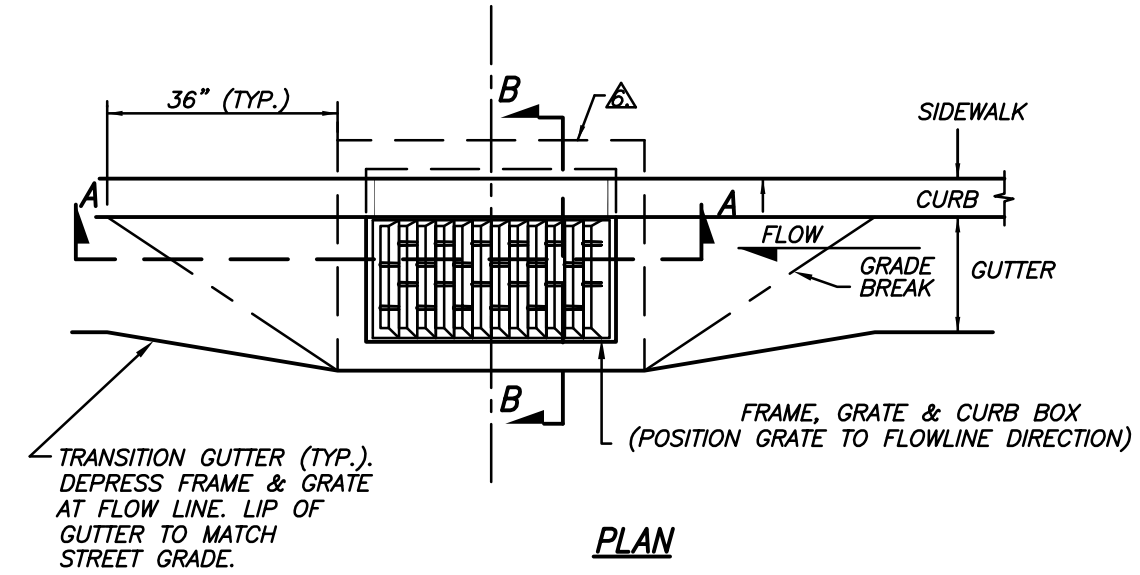


SECTION B–B

NOTES:

1. FOR ADDITIONAL NOTES, SEE DETAIL SHEET "TYPE 4R DROP INLET – NOTES".

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION DRAINAGE	
			DROP INLET TYPE 4R PRE–CAST	DRAWING NO. D–2.1	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1



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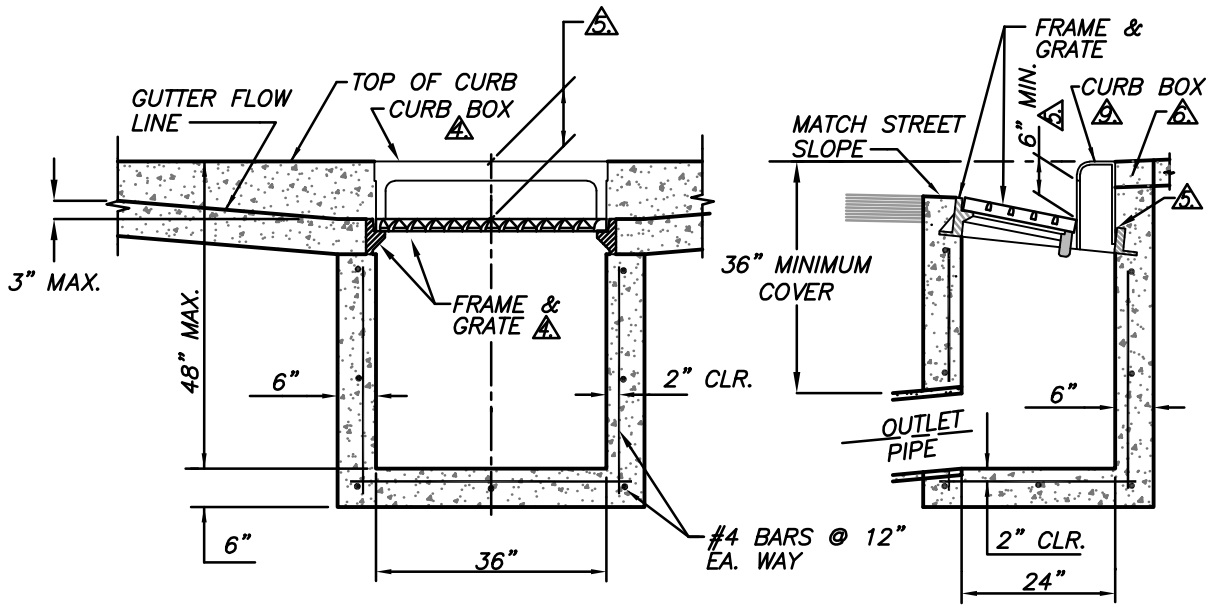


SECTION A–A

SECTION B–B

NOTES:

1. FOR ADDITIONAL NOTES, SEE DETAIL SHEET "TYPE 4R DROP INLET – NOTES".

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION DRAINAGE	
			DROP INLET TYPE 4R CAST IN PLACE	DRAWING NO. D–2.2	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1

NOTES:

1. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 337.10 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

2. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTIONS 302, 304 & 308 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. USE STRUCTURAL BACKFILL FOR BASE BENEATH DROP INLET FLOOR AND BACKFILLING OF DROP INLET AND SHALL BE COMPACTED TO A RELATIVE COMPACTION OF 95%.

3. REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF SECTION 326 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. REINFORCING STEEL TO HAVE A MINIMUM OF 2 INCH CLEARANCES.

4. FRAME SHALL BE NEENAH R-3294, R-3295 OR R-3067 SINGLE CURB UNIT WITH A TYPE L "VANE GRATE" FOR SINGLE FLOW AND CURB BOX, SOUTH BAY FOUNDRY VANE GRATE SBF 1947 OR APROVED EQUAL, INSTALLED WITH PROPER FLOW DIRECTION OR A TYPE "DL" GRATE FOR DUAL FLOW.

5. TILT FRAME & GRATE AS REQUIRED TO ATTAIN 6" MIN. FLOW OPENING & INSTALL DURABLE SHIMS BETWEEN THE CURB BOX & FRAME AS REQUIRED TO MATCH CURB BOX TO TOP OF CURB AND FACE OF CURB.

6. IF NO SIDEWALK IS PRESENT, POUR 6" CONCRETE CURB STRUCTURE BEHIND GRATE AND TIE BEAM INTO BOX.

7. DROP INLET MAY BE A CAST-IN-PLACE CONCRETE UNIT WITH PRIOR APPROVAL FROM THE CITY OF WELLS.

8. DROP INLET SHALL BE TRAFFIC-RATED & LOCATED AT THE LOW POINTS OR PER APPROVED PLANS.

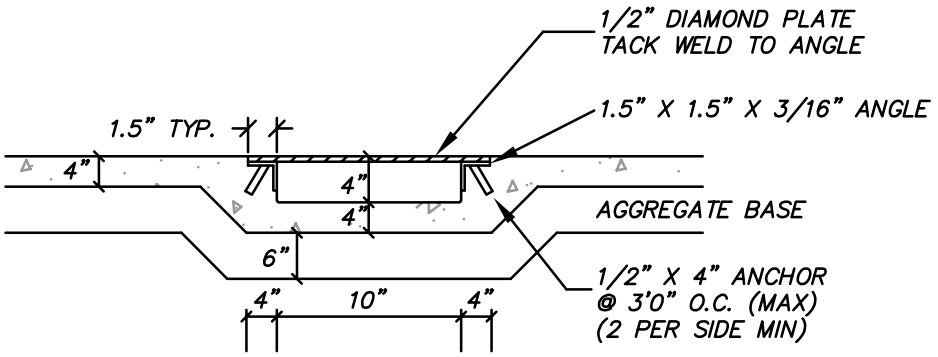
9. A DECAL SHALL BE APPLIED TO THE TOP OF THE CURB ADJACENT TO THE DROP INLET WHICH READS "NO DUMPING! DRAINS TO RIVER".

10. INFLOW PIPE INVERT ELEVATION SHALL BE ≥0.1 FEET ABOVE OUTFLOW PIPE INVERT ELEVATION.

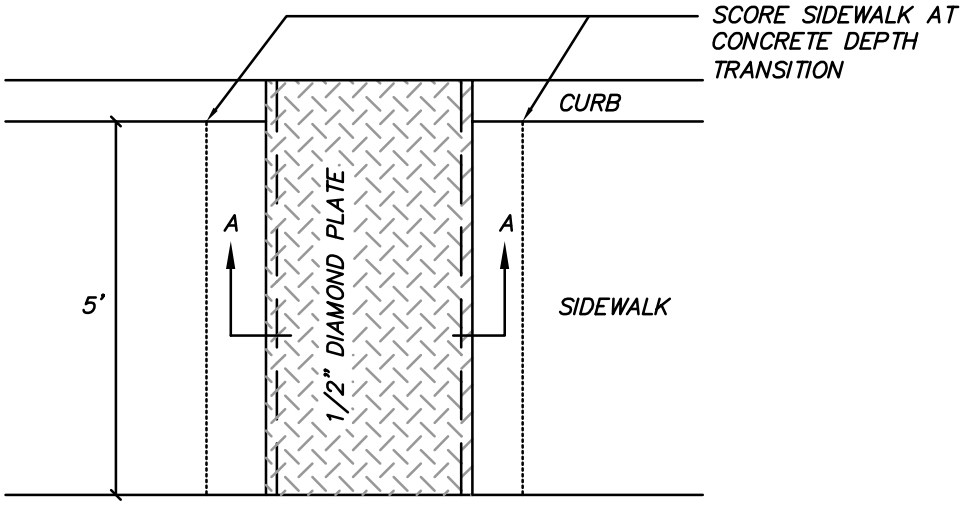
11. FRAMES AND GRATES SHALL BE MATCHED TO ACHIEVE A CLOSE TOLERANCE FIT, WITH MINIMAL GAPS, AS APPROVED BY THE CITY OF WELLS.

12. STORM DRAIN PIPE ENTERING OR EXITING DROP INLET SHALL BE HIGH DENSITY POLYETHYLENE PIPE (HDPE) OR REINFORCED CONCRETE PIPE (RCP). USE OF ANY OTHER PIPE WILL REQUIRE PRE-APPROVAL FROM THE CITY OF WELLS. PIPE'S MINIMUM AND MAXIMUM COVER SHALL BE AS PER MANUFACTURER'S RECOMMENDATION.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION DRAINAGE	
			TYPE 4R DROP INLET NOTES	DRAWING NO. D-2.3	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



SECTION A–A

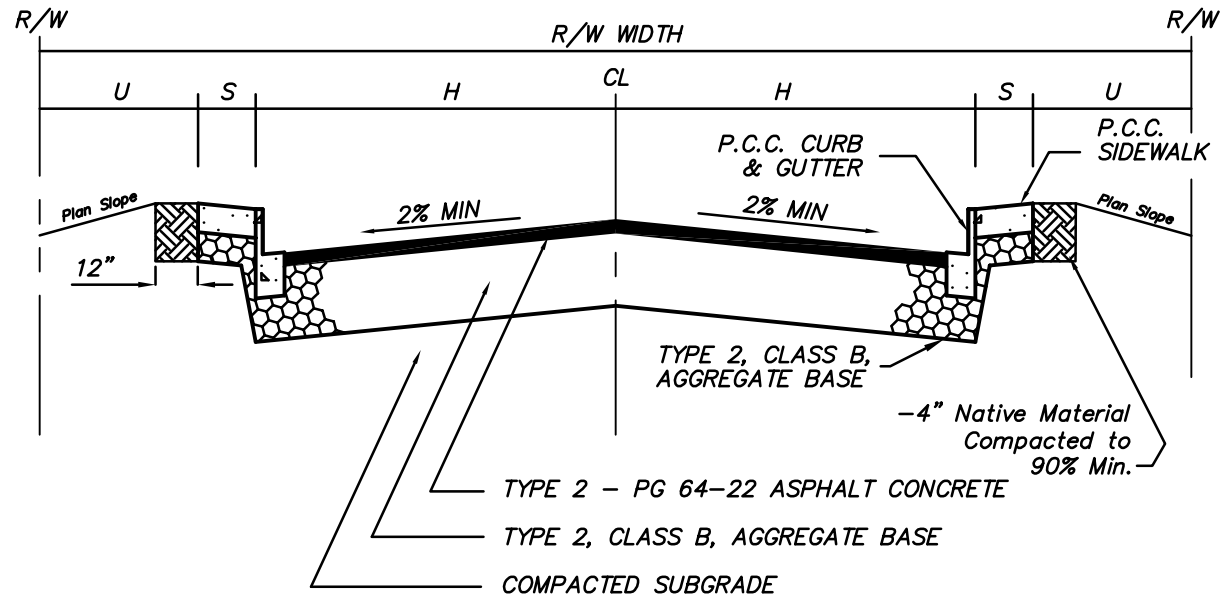


PLAN

NOTES:

1. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 337.10 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTION 302 & 308 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. USE ¾" DIAMOND PLATE WHEN THE SIDEWALK OPENING WIDTH EXCEEDS 18".

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION DRAINAGE	
			SIDEWALK CROSS–DRAIN TYPE 1	DRAWING NO. D–3.1	
			CITY OF WELLS, NEVADA	DATE 9–23–.25	PAGE 1

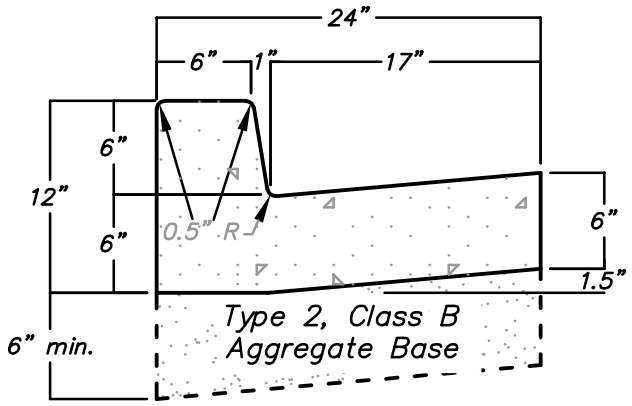


ROADWAY DESIGNATION	R/W WIDTH	H	S	U	AC	BASE	REMARKS
ARTERIAL	100'	41'	5' MIN	4'	4"	15"	SEE NOTE 2
MINOR ARTERIAL	80'	34'	5' MIN	1'	4"	12"	SEE NOTE 2
COLLECTOR	70'	29'	5' MIN	1'	3"	12"	SEE NOTE 2
COLLECTOR RESIDENTIAL	60'	25'	4' MIN	1'	3"	9"	SEE NOTE 2
LOCAL RESIDENTIAL	50'	20.5'	4' MIN	.5'	3"	9"	SEE NOTES 2 & 3

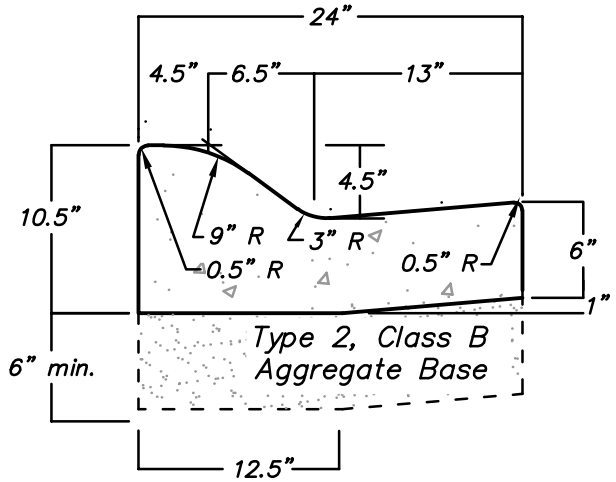
NOTES:

1. SEAL COAT TO CONSIST OF A SINGLE APPLICATION OF SS-1H EMULSIFIED ASPHALT (MIXED WITH AN EQUAL AMOUNT OF WATER) APPLIED AT A RATE OF 0.10 GPSY. SAND BLOTTER TO BE APPLIED AS NECESSARY.
2. BASED UPON THE "R" VALUE OR C.B.R. TESTING, THE BASE AND AC THICKNESS MAY INCREASE.
3. TACK COAT SHALL BE APPLIED BETWEEN TWO OR MORE PLANTMIX BITUMINOUS COURSES.
3. THE OPTIMUM CROSS-SLOPE OF THE ROADWAY SHALL BE 3% WITH A MINIMUM OF 2%.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION ROADWAY	
			ROADWAY SECTIONS RESIDENTIAL & COMMERCIAL	DRAWING NO. R-1.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



TYPE 1 CURB & GUTTER

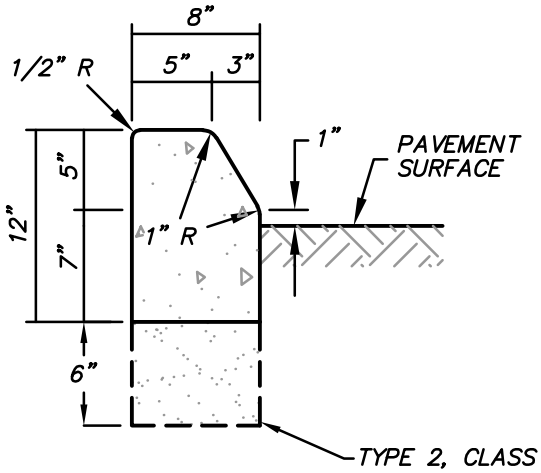


TYPE 2 CURB & GUTTER

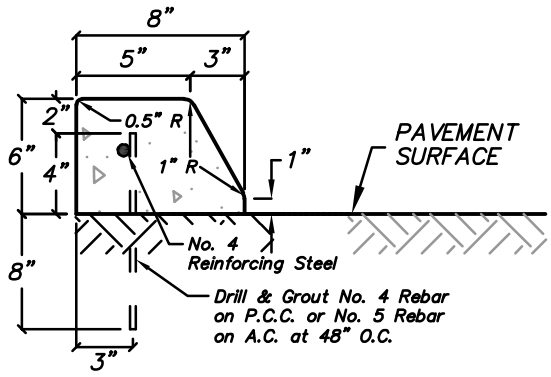
NOTES:

1. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 337.10 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTIONS 302 & 308 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. ALL CONRETE CURB AND GUTTER SHALL HAVE ½" EXPANSION JOINTS EVERY 90 FEET AND AT ALL CURB RETURNS. WEAKENED PLANE JOINTS SHALL BE EVERY 10 FEET.
4. PLANTMIX BITUMINOUS SURFACE SHALL BE ¼" TO ½" ABOVE LIP OF GUTTER PAN.

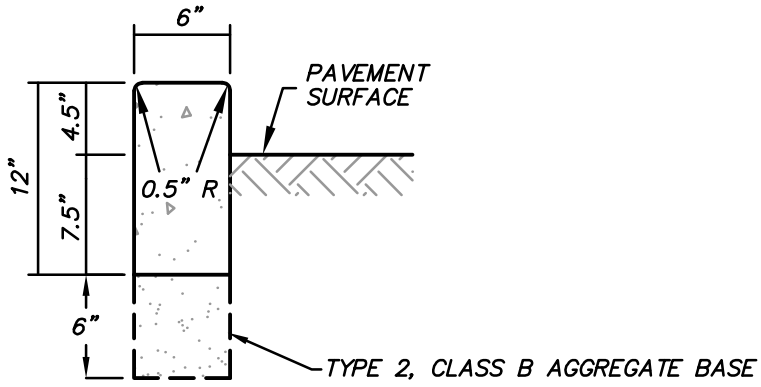
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION ROADWAY	
			TYPE 1 & 2 CURB & GUTTER	DRAWING NO. R-2.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



TYPE 1 MEDIAN CURB



TYPE 2 MEDIAN CURB

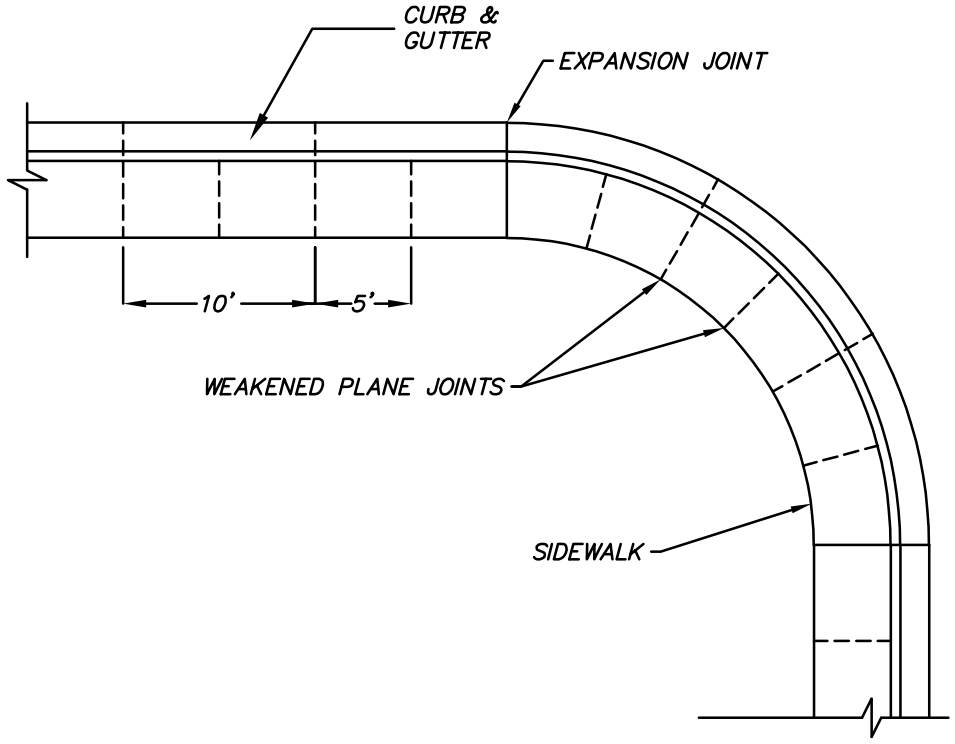


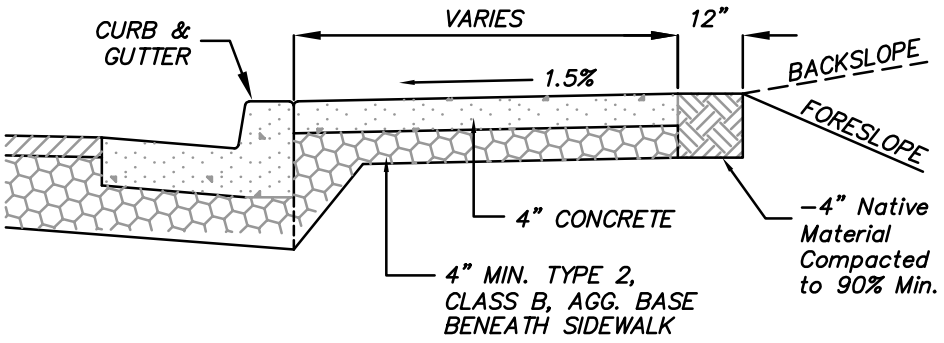
BARRIER CURB

NOTES:

1. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 337.10 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION,
2. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTIONS 302 & 308 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. ALL CONCRETE CURB SHALL HAVE ½" EXPANSION JOINTS EVERY 90 FEET AND AT ALL CURB RETURNS. WEAKENED PLANE JOINTS SHALL BE EVERY 10 FEET. FOR BARRIER CURB ONLY, PLACE WEAKENED PLANE JOINTS EVERY 5 FEET.
4. GLUE DOWN THE TYPE 2 MEDIAN CURB TO THE PAVEMENT SURFACE USING EPOXY CEMENT.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION ROADWAY	
			MEDIAN & BARRIER CURB	DRAWING NO. R–2.2	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1





NOTES:

1. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 337.10 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

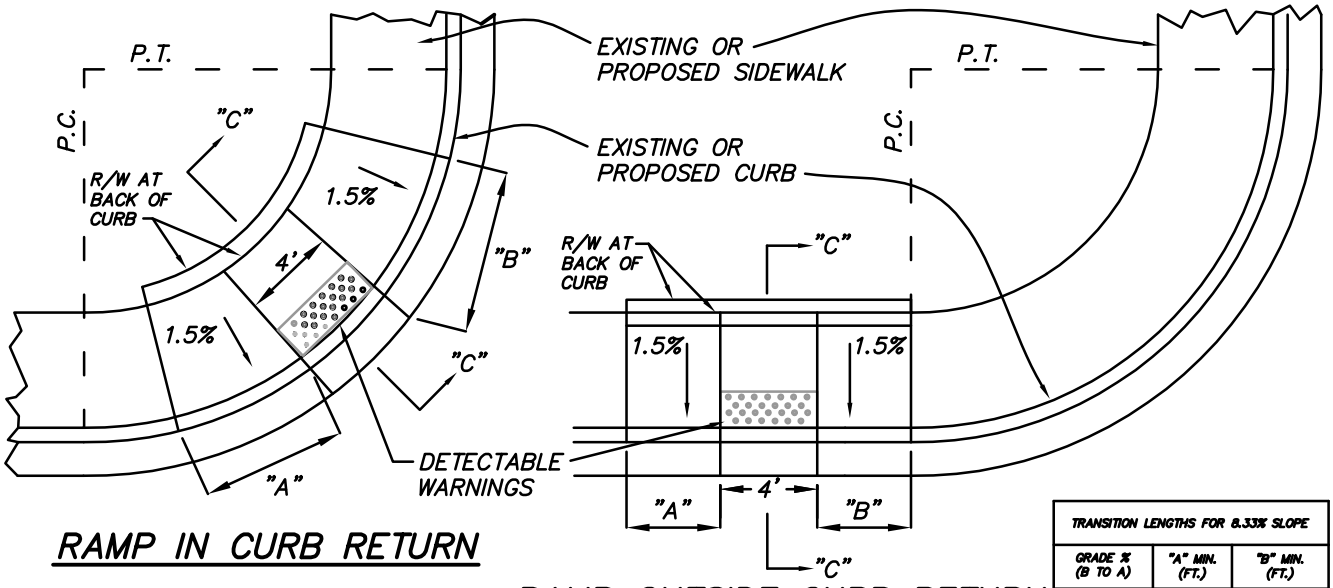
2. ALL CONCRETE SIDEWALK SHALL HAVE ½" EXPANSION JOINTS EVERY 30 FEET AND AT ALL CURB RETURNS. WEAKENED PLANE JOINTS SHALL BE EVERY 5 FEET AND COINCIDE WITH THE ADJACENT CURB AND GUTTER WEAKENED PLANE JOINTS. THE WEAKENED PLANE JOINTS PLACED EVERY 5' IN THE SIDEWALK MAY BE SAWCUT WITH CITY OF ELKO APPROVAL AND SHALL MEET THE REQUIREMENTS OF SECTION 314 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

3. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTION 302 & 308 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

4. FORESLOPES & BACKSLOPES SHALL BE APPROVED BY THE CITY OF WELLS PRIOR TO CONSTRUCTING.

5. CROSS SLOPE OF SIDEWALK SHALL NOT EXCEED 2%.

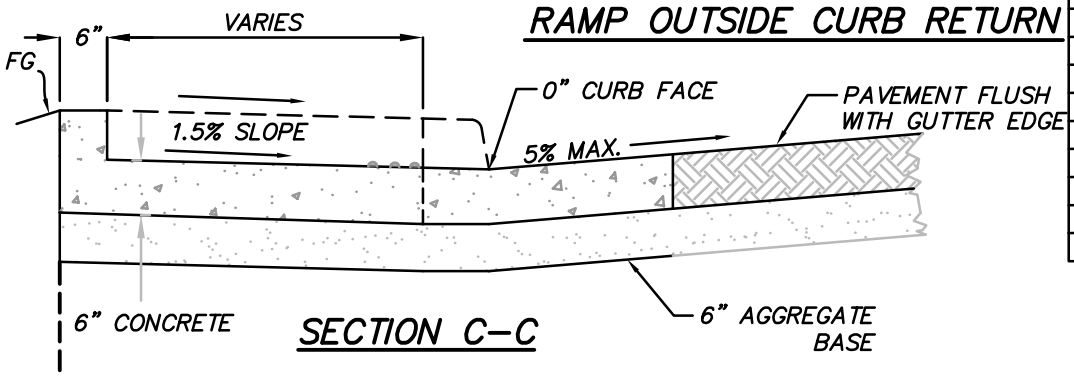
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION ROADWAY	
			SIDEWALK	DRAWING NO. R-3.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



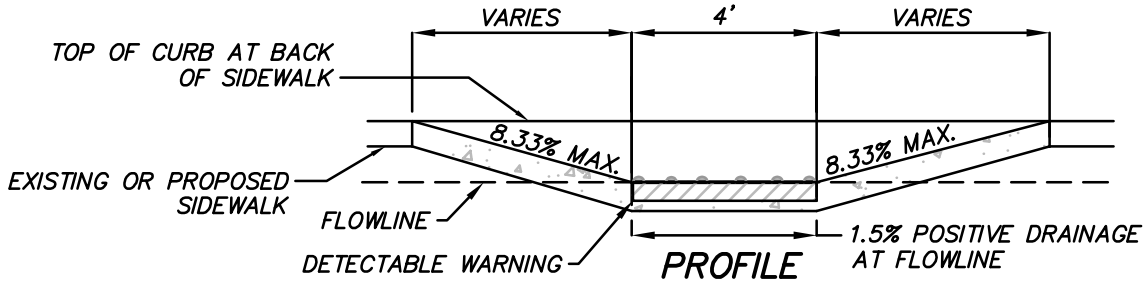
RAMP IN CURB RETURN

RAMP OUTSIDE CURB RETURN

TRANSITION LENGTHS FOR 8.33% SLOPE		
GRADE % (B TO A)	"A" MIN. (FT.)	"B" MIN. (FT.)
> -4.00	4.5	15.0
-4 TO -3.01	4.5	12.0
-3 TO -2.01	5.0	9.5
-2 TO -1.01	5.5	8.0
-1 TO 1	7.0	7.0
1.01 TO 2	8.0	5.5
2.01 TO 3	9.5	5.0
3.01 TO 4	12.0	4.5
> 4.00	15.0	4.5



SECTION C–C



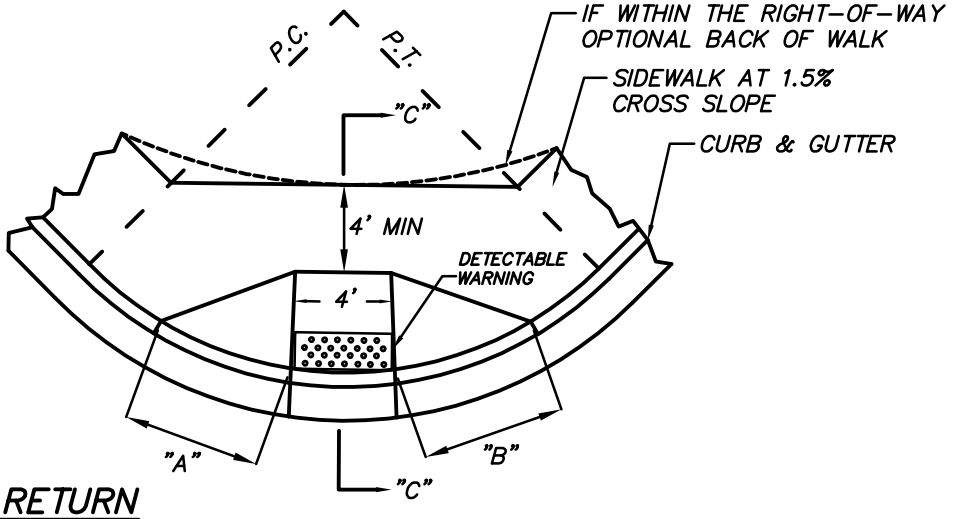
PROFILE

NOTES:

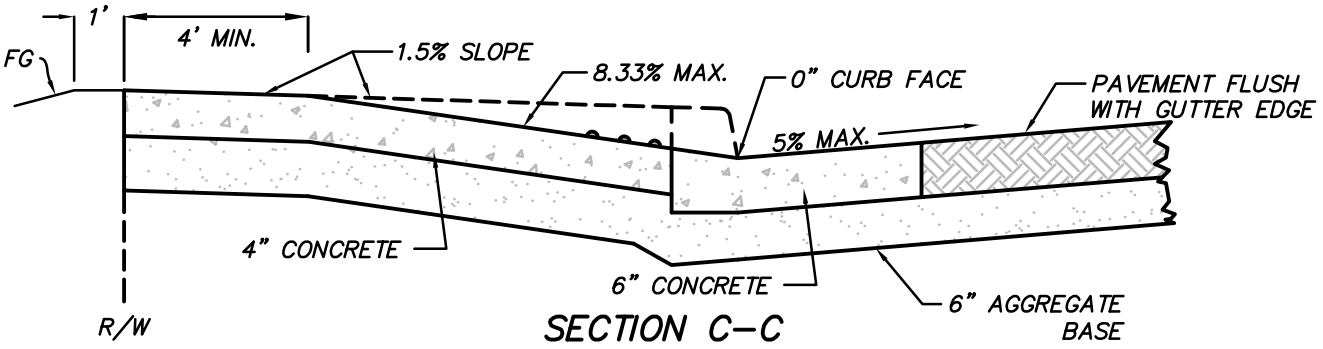
1. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 200, 202 AND 312 OF THE 2016 EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTION 302 & 308 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. CURB RAMP WITHIN CURB RETURN SHALL BE LOCATED AT THE MIDPOINT OF CURB RETURN.
4. RAMPS SHALL BE CONSTRUCTED WITH A ROUGH BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
5. WHEN CONSTRUCTING A RAMP WHERE CURB & GUTTER EXIST, COMPLETELY REMOVE INTERFERING PORTIONS OF EXISTING CURB & GUTTER. LOCATION OF CURB RAMP SHALL BE APPROVED BY THE CITY OF WELLS PRIOR TO INSTALLATION.
6. DETECTABLE WARNINGS SHALL BE YELLOW AND CONSIST OF RAISED TRUNCATED DOMES AND PLACED AT THE BOTTOM PORTION OF THE RAMP.
7. CROSS SLOPE OF SIDEWALK AND RAMP SURFACES SHALL NOT EXCEED 2%.
8. CURB RAMPS & DETECTABLE WARNINGS SHALL MEET THE REQUIREMENTS OF 28 CFR PART 36, ADA STANDARDS FOR ACCESSIBLE DESIGN.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION ROADWAY	
			TYPE 1 CURB RAMP	DRAWING NO. R–4.1	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1

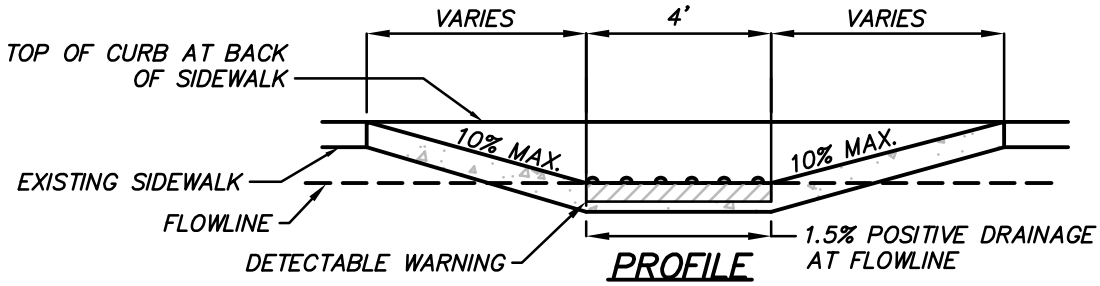
TRANSITION LENGTHS FOR 10% SLOPE		
GRADE % (B TO A)	"A" MIN. (FT.)	"B" MIN. (FT.)
−6 TO −5.01	4.0	12.5
−5 TO −4.01	4.0	10.0
−4 TO −3.01	4.0	8.5
−3 TO −2.01	4.0	7.5
−2 TO −1.01	4.5	6.5
−1 TO 1	5.5	5.5
1.01 TO 2	6.5	4.5
2.01 TO 3	7.5	4.0
3.01 TO 4	8.5	4.0
4.01 TO 5	10.0	4.0
5.01 TO 6	12.5	4.0



RAMP IN CURB RETURN



SECTION C-C

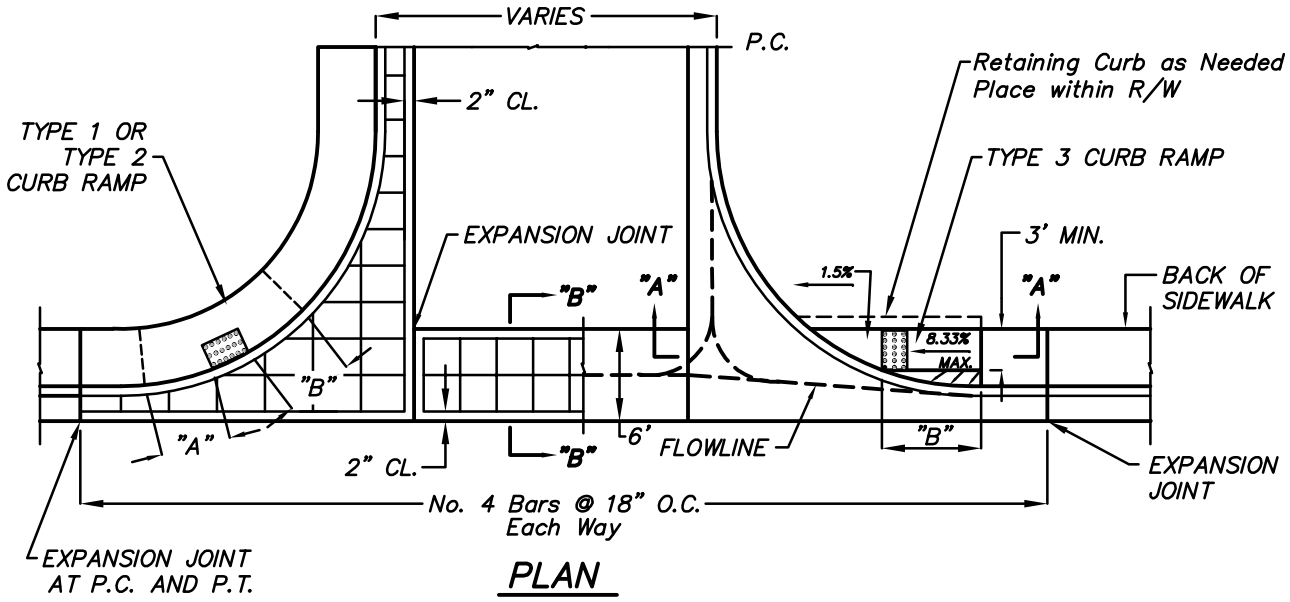


PROFILE

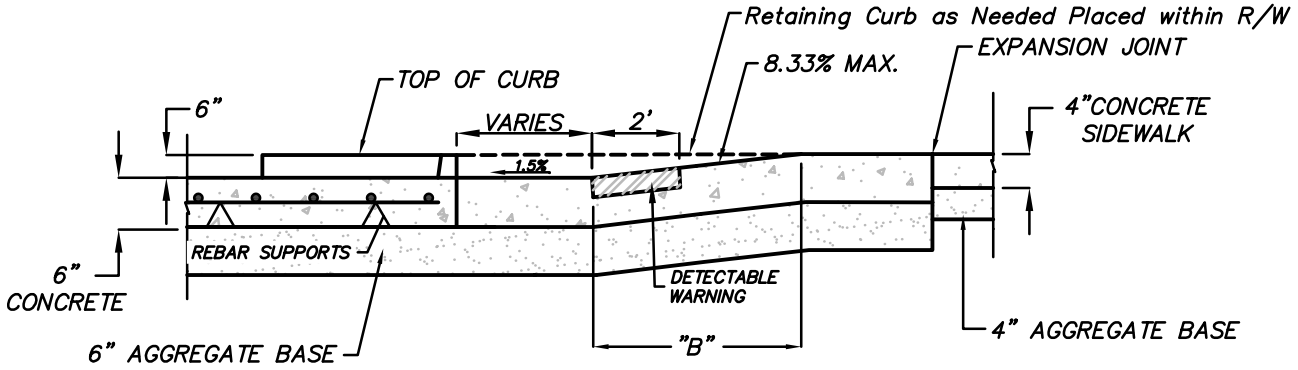
NOTES:

1. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 337.10 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTION 302 & 308 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. CURB RAMP WITHIN CURB RETURN SHALL BE LOCATED AT THE MIDPOINT OF CURB RETURN.
4. RAMPS SHALL BE CONSTRUCTED WITH A ROUGH BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
5. WHEN CONSTRUCTING A RAMP WHERE CURB & GUTTER EXIST, COMPLETELY REMOVE INTERFERING PORTIONS OF EXISTING CURB & GUTTER. LOCATION OF CURB RAMP SHALL BE APPROVED BY THE CITY OF WELLS PRIOR TO INSTALLATION.
6. DETECTABLE WARNINGS SHALL BE YELLOW AND CONSIST OF RAISED TRUNCATED DOMES AND PLACED AT THE BOTTOM PORTION OF THE RAMP.
7. CROSS SLOPE OF SIDEWALK AND RAMP SURFACES SHALL NOT EXCEED 2%.
8. CURB RAMPS & DETECTABLE WARNINGS SHALL MEET THE REQUIREMENTS OF 28 CFR PART 36, ADA STANDARDS FOR ACCESSIBLE DESIGN.

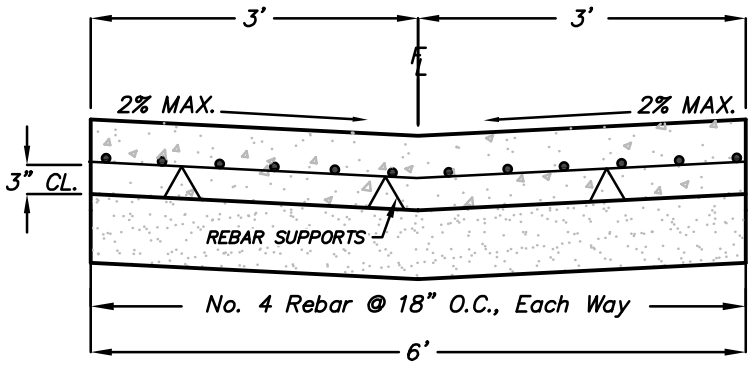
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION ROADWAY	
			TYPE 2 CURB RAMP	DRAWING NO. R-4.2	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



PLAN



SECTION A–A



SECTION B–B

* SEE NOTES – VALLEY GUTTER WITH APRON

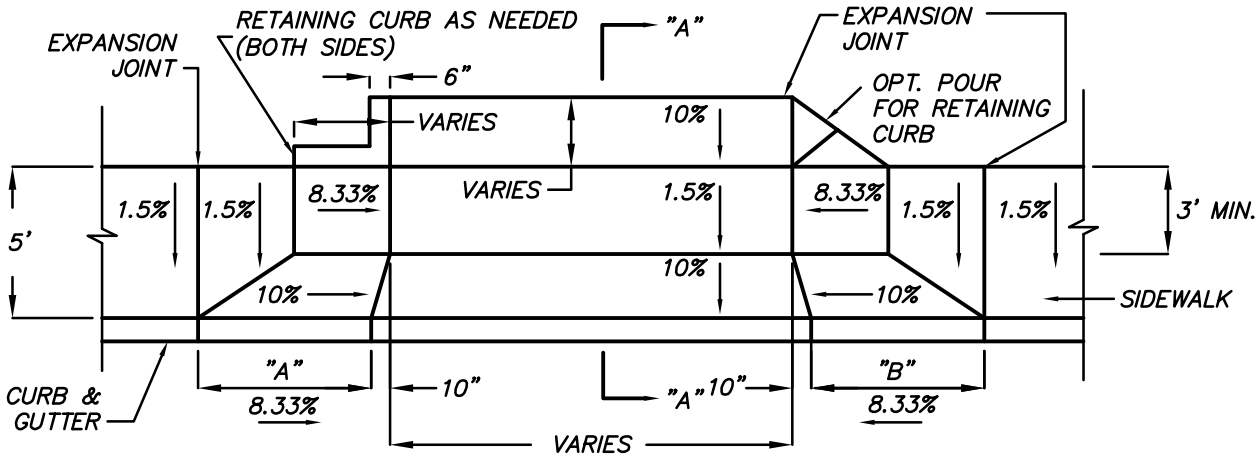
TRANSITION LENGTHS FOR 8.33% SLOPE		
GRADE % (B TO A)	"A" MIN. (FT.)	"B" MIN. (FT.)
> –4.00	4.5	15.0
–4 TO –3.01	4.5	12.0
–3 TO –2.01	5.0	9.5
–2 TO –1.01	5.5	8.0
–1 TO 1	7.0	7.0
1.01 TO 2	8.0	5.5
2.01 TO 3	9.5	5.0
3.01 TO 4	12.0	4.5
> 4.00	15.0	4.5

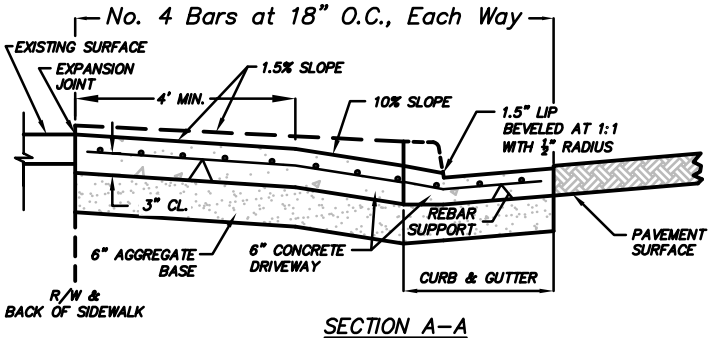
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION ROADWAY	
			VALLEY GUTTER WITH APRON TYPE 3 CURB RAMP	DRAWING NO. R–5.1	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1

NOTES:

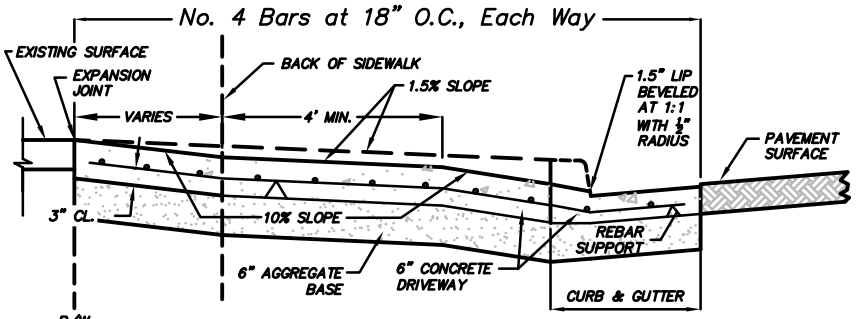
1. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 337.10 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTIONS 302 & 308 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF SECTION 326 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
4. PLANTMIX BITUMINOUS SURFACE SHALL BE ¼" TO ½" ABOVE VALLEY GUTTER. ALL OTHER SURFACES TO BE FLUSH WITH VALLEY GUTTER.
5. IF 2% CROSS SLOPE CAN NOT BE ATTAINED ON THE VALLEY GUTTER, PROPOSED CROSS SLOPE SHALL BE APPROVED BY THE CITY OF WELLS.
6. CURB RAMPS & DETECTABLE WARNINGS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE ADAAG.
7. DRIVEWAY GEOMETRICS SHALL GO TO THE P.C. AND THE P.T.
8. MAINTAIN POSITIVE DRAINAGE IN CROSSWALK AREAS AND PEDESTRIAN ROUTES TO PREVENT PONDING.
9. CROSS SLOPE OF SIDEWALK AND CURB RAMP SURFACES SHALL NOT EXCEED 2%.
10. WHEN CONSTRUCTING WHERE CURB & GUTTER ALREADY EXIST, COMPLETELY REMOVE INTERFERING PORTIONS OF EXISTING CURB & GUTTER. LOCATION OF CURB RAMP SHALL BE APPROVED BY THE CITY OF WELLS PRIOR TO INSTALLATION.
11. DETECTABLE WARNINGS SHALL BE YELLOW AND CONSIST OF RAISED TRUNCATED DOMES AND PLACED AT THE BOTTOM PORTION OF THE RAMP.
12. CURB RAMPS SHALL BE CONSTRUCTED WITH A ROUGH BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
13. PLANTMIX BITUMINOUS SURFACE SHALL BE FLUSH WITH THE EDGE OF THE GUTTER PAN IN THE AREA OF THE CURB RAMP.
14. PER THE PROWAG, SECTION R304.3.2 THE RUNNING SLOPE OF A CURB RAMP SHALL BE 8.33% MAXIMUM, BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15.0 FEET, ON STEEP STREETS OR INTERSECTIONS THE TRANSITION TO FULL HEIGHT CURB MAY HAPPEN IN THE FIRST 15' MINIMUM, AND THE RESULTING SLOPE OF THE RAMP IS ALLOWED TO EXCEED 8.33%

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION ROADWAY	
			NOTES – VALLEY GUTTER WITH APRON TYPE 3 CURB RAMP	DRAWING NO. R–5.2	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1





SECTION A–A



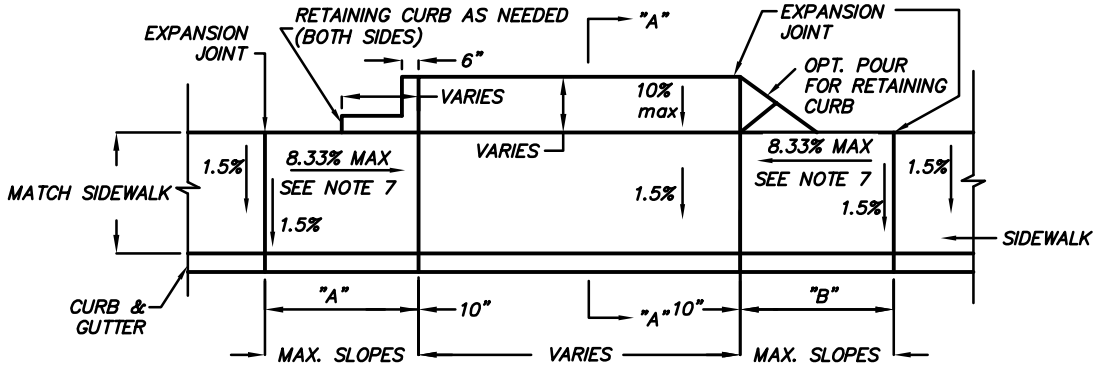
SECTION A–A

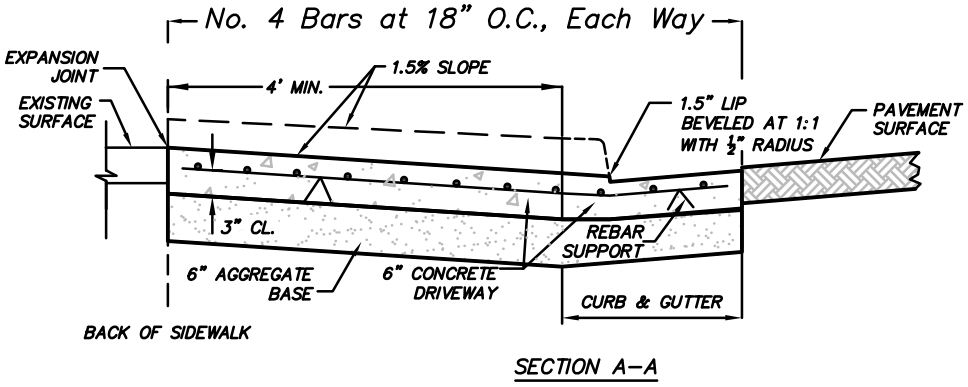
TRANSITION LENGTHS FOR 10% SLOPE		
GRADE % (B TO A)	"A" MIN. (FT.)	"B" MIN. (FT.)
–6 TO –5.01	4.0	12.5
–5 TO –4.01	4.0	10.0
–4 TO –3.01	4.0	8.5
–3 TO –2.01	4.0	7.5
–2 TO –1.01	4.5	6.5
–1 TO 1	5.5	5.5
1.01 TO 2	6.5	4.5
2.01 TO 3	7.5	4.0
3.01 TO 4	8.5	4.0
4.01 TO 5	10.0	4.0
5.01 TO 6	12.5	4.0

NOTES:

1. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 337.10 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTION 302 & 308 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. CONCRETE DRIVEWAY CAN BE POURED MONOLITHICALLY WITH CURB & GUTTER.
4. FOR COMMERCIAL CONCRETE DRIVEWAYS, USE NO. 4 REINFORCING STEEL AT 18" O.C., EACH WAY. RESIDENTIAL CONCRETE DRIVEWAYS DO NOT REQUIRE REINFORCING STEEL. REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF SECTION 326 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
5. CROSS SLOPE OF SIDEWALK AND 3 FEET MIN. AREA OF DRIVEWAY SHALL NOT EXCEED 2%.
6. REMOVAL OF EXISTING IMPROVEMENTS SHALL MEET THE REQUIREMENTS OF SECTION 301 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION ROADWAY	
			DRIVEWAY	DRAWING NO. R–6.1	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1





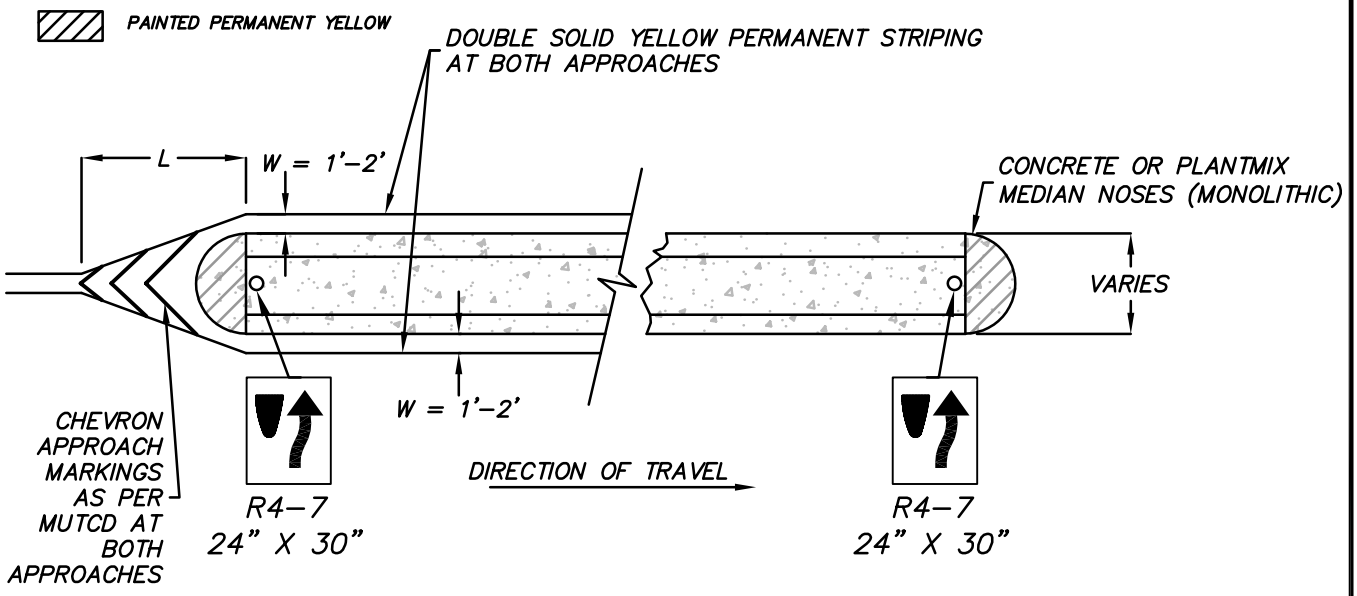
SECTION A–A

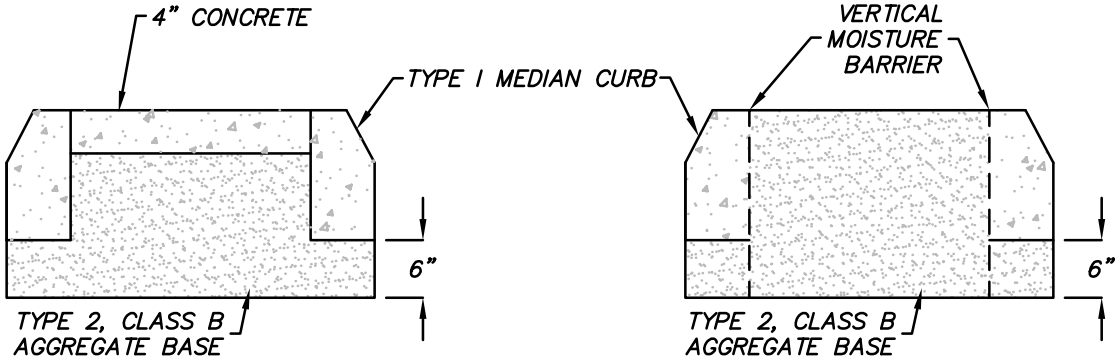
MINIMUM TRANSITION LENGTHS FOR 8.33% SLOPE (SEE NOTE 7)		
GRADE % (B TO A)	"A" MIN. (FT.)	"B" MIN. (FT.)
> 5.00	4.5	15.0
−5 TO −4.01	4.5	12.0
−4 TO −3.01	4.5	9.0
−3 TO −2.01	4.5	7.5
−2 TO −1.01	5.5	6.5
−1 TO 1	5.5	5.5
1.01 TO 2	6.5	5.5
2.01 TO 3	7.5	4.5
3.01 TO 4	9.0	4.5
4.01 TO 5	12.0	4.5
> 5.00	12.0	4.5

NOTES:

1. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 337.10 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTION 302 & 308 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. CONCRETE DRIVEWAY CAN BE POURED MONOLITHICALLY WITH CURB & GUTTER.
4. FOR COMMERCIAL CONCRETE DRIVEWAYS, USE NO. 4 REINFORCING STEEL AT 18" O.C., EACH WAY. RESIDENTIAL CONCRETE DRIVEWAYS DO NOT REQUIRE REINFORCING STEEL. REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF SECTION 326 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
5. CROSS SLOPE OF SIDEWALK AND 4 FOOT MIN. AREA OF DRIVEWAY SHALL NOT EXCEED 2%.
6. REMOVAL OF EXISTING IMPROVEMENTS SHALL MEET THE REQUIREMENTS OF SECTION 301 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
7. PER THE PROWAG, SECTION R304.3.2, THE RUNNING SLOPE OF A CURB RAMP SHALL BE 8.33% MAX, BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15.0 FEET. ON STEEP STREETS OR INTERSECTIONS, THE TRANSITION TO FULL HEIGHT CURB MAY HAPPEN IN THE FIRST 15' MINIMUM, AND THE RESULTING SLOPE OF THE RAMP IS ALLOWED TO EXCEED 8.33%.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION ROADWAY	
			TYPE 2 DRIVEWAY	DRAWING NO. R–6.2	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1





HARDSCAPE MEDIAN **LANDSCAPE MEDIAN**

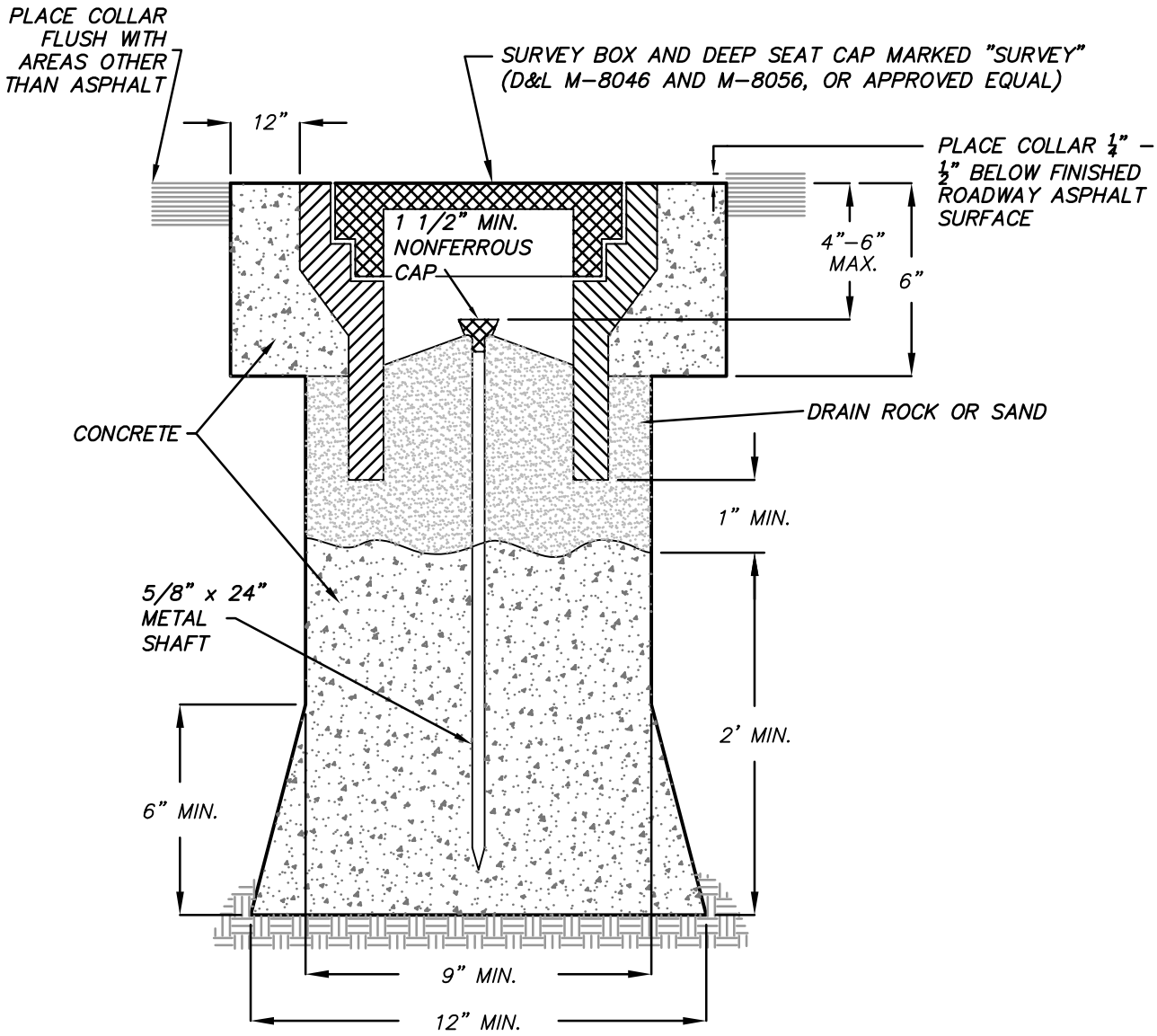
NOTES:

1. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 337.10 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTION 302 & 308 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. MEDIAN ISLAND SHALL NOT BE LOCATED WITHIN 20' OF ANY DRIVEWAY UNLESS OTHERWISE APPROVED.
4. LANDSCAPED MEDIAN ISLAND DESIGN PLANS SHALL REQUIRE APPROVAL BY THE CITY OF WELLS PRIOR TO INSTALLATION.
5. MEDIAN INSTALLATION SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE M.U.T.C.D.
6. L EQUALS THE TAPER LENGTH (FT)

   45 MPH OR >: $L = \text{OFFSET WIDTH (W)} \times \text{POSTED SPEED LIMIT}$
   < 45 MPH: $L = \text{OFFSET WIDTH (W)} \times (\text{POSTED SPEED LIMIT})^2 \div 60.$

7. R4-7 SIGNS ARE OPTIONAL FOR COLLECTOR RESIDENTIAL OR LOCAL RESIDENTIAL STREETS AND ANY SMALLER STREETS.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION ROADWAY	
			MEDIAN ISLANDS	DRAWING NO. R-7.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1

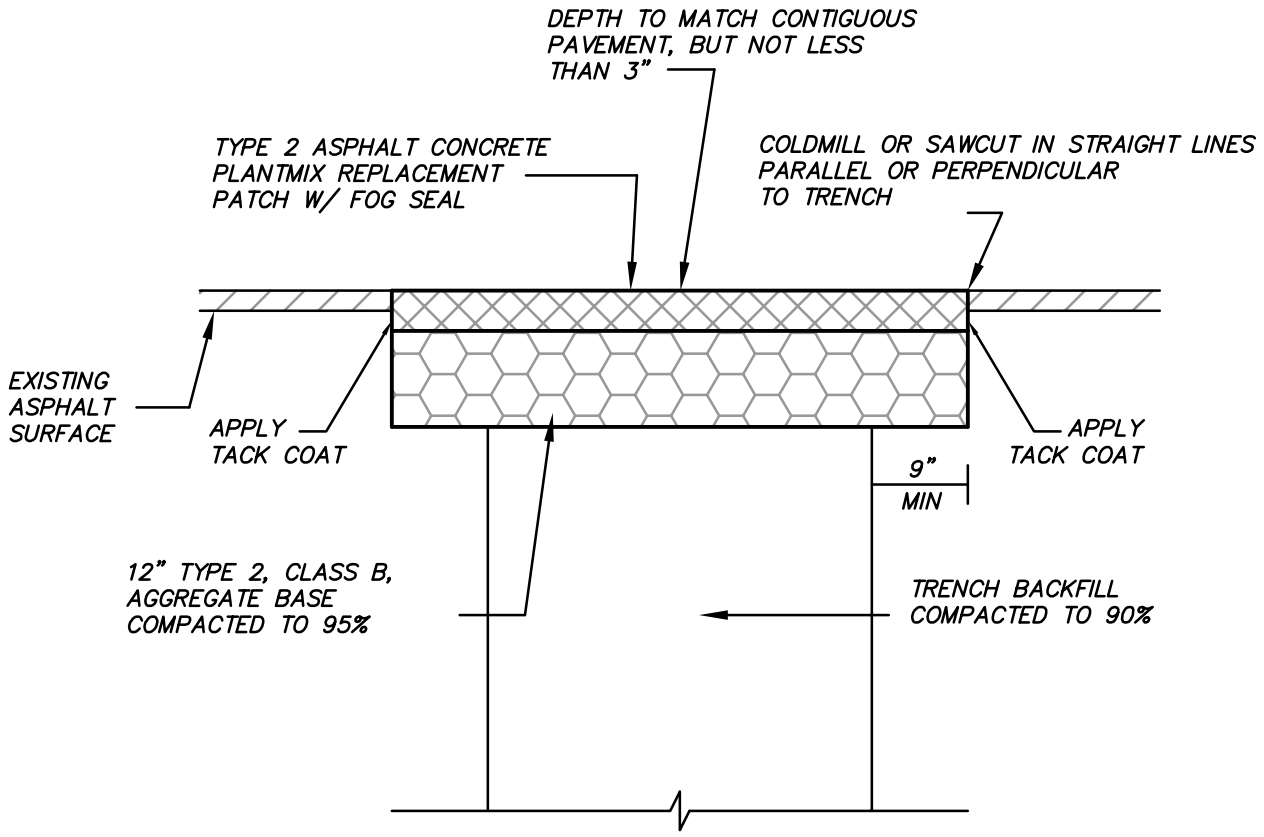


CLASS "A"

NOTES:

1. FERROUS METAL OVER MONUMENT FOR RECOVERY BY DIP NEEDLE OR MAGNETIC INSERT IN CAP.
2. 2" MIN. NONFERROUS CAP WITH PROFESSIONAL LAND SURVEYOR NO. PERMANENTLY ATTACHED PRIOR TO PLACEMENT.
3. ⅝" METALLIC SHAFT (SMOOTH SHAFTS TO BE DEFORMED).
4. MONUMENT INSTALLATION SHALL MEET THE REQUIREMENTS OF SECTION 216 & 334 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

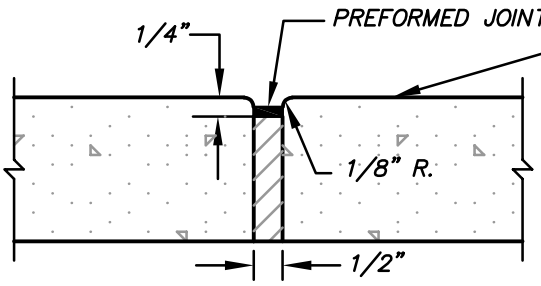
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION ROADWAY	
			MONUMENTS	DRAWING NO. R-8.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



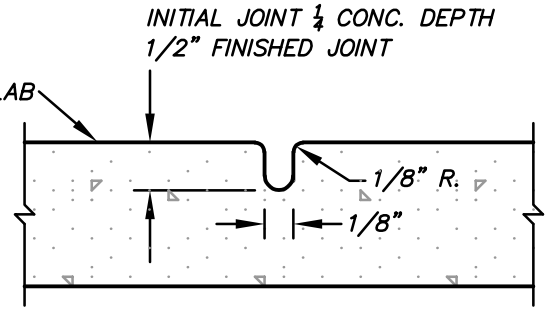
NOTES:

1. IF COLDMILL OR SAWCUT IS WITHIN 24" OF EDGE OF PLANTMIX PAVING, REMOVE EXISTING PAVEMENT TO THAT EDGE AND REPLACE ENTIRE SECTION.
2. USE AC-20 ASPHALT CEMENT IN ALL LIFTS OF TYPE 2 PLANTMIX BITUMINOUS SURFACES.
3. APPLY A SEAL COAT USING SS-1 EMULSIFIED ASPHALT (MIXED WITH AN EQUAL AMOUNT OF WATER). APPLY AT A RATE OF 0.10 GPSY AND APPLY SAND BLOTTER AS NECESSARY.
4. FOR MULTIPLE PLANTMIX BITUMINOUS COURSES, TACK COAT SHALL BE APPLIED BETWEEN EACH PLANTMIX BITUMINOUS COURSE.

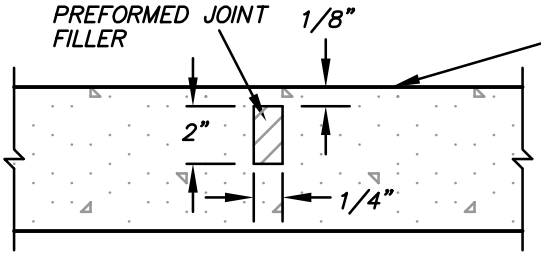
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION ROADWAY	
			PAVEMENT PATCH	DRAWING NO. R-9.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



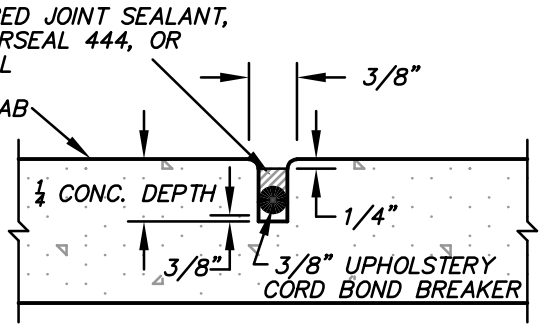
EXPANSION JOINT



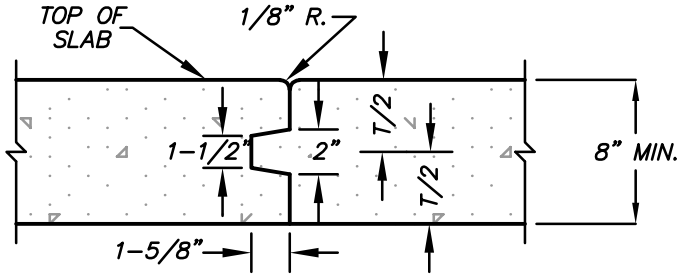
WEAKENED PLANE JOINT
SIDEWALK, CURB & GUTTER



WEAKENED PLANE JOINT
P.C.C. PAVEMENT

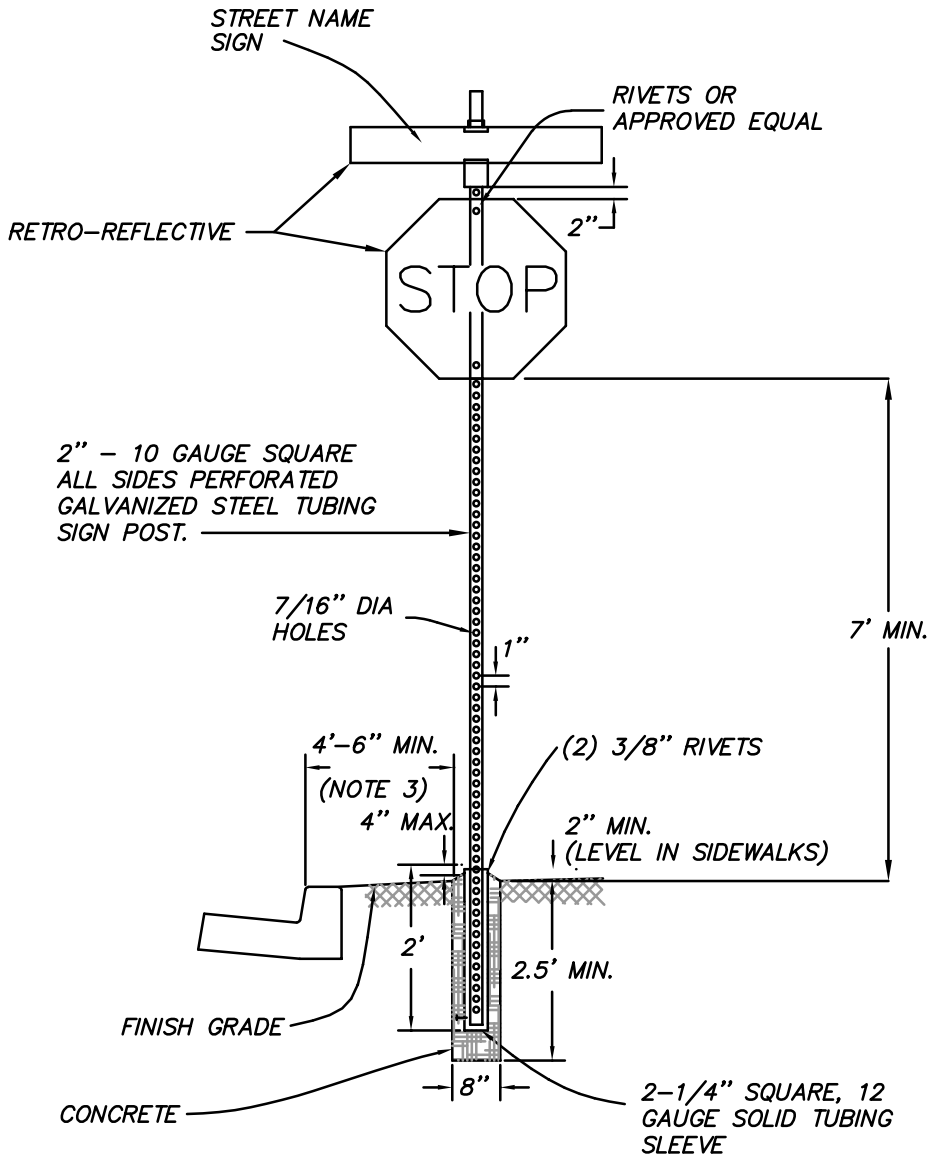


SAWED OR PREMOLDED
STRIP JOINT



KEYED JOINT

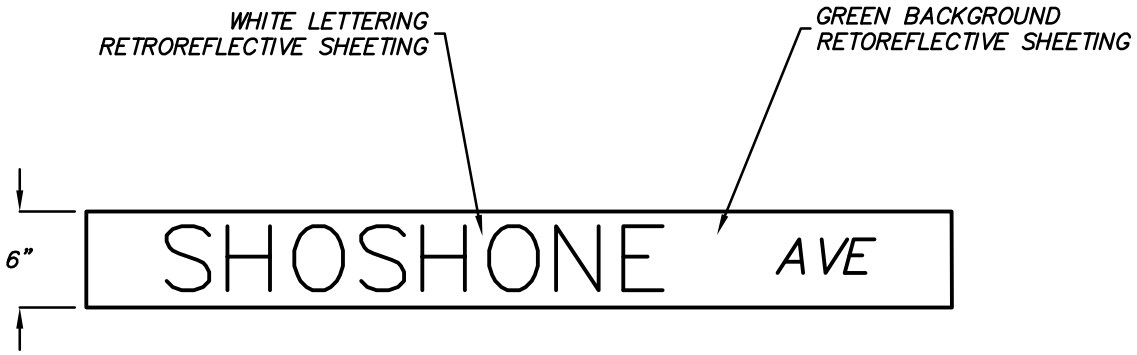
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION ROADWAY	
			P.C.C. JOINTING DETAILS	DRAWING NO. R-10.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1

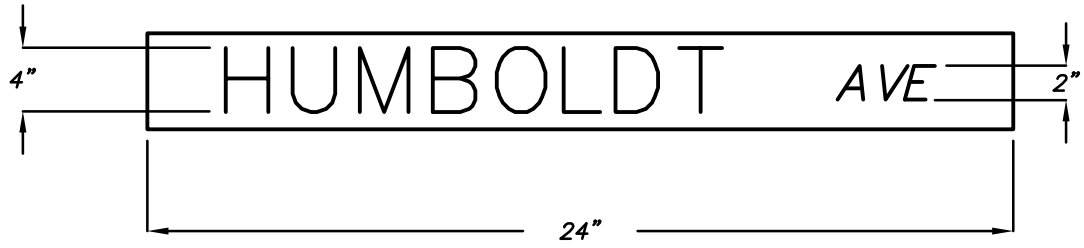


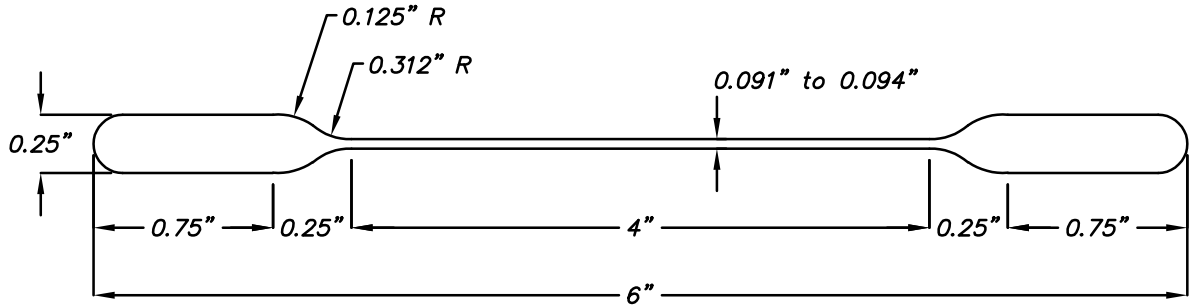
NOTES:

1. SIGN MATERIALS AND INSTALLATION SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
2. STREET NAME SIGN SHALL BE AS SPECIFIED BE THE GOVERNING AGENCY AND MOUNTED WITH VANDAL – PROOF HARDWARE.
3. ON STREETS WHERE CURBING DOES NOT EXIST, SET EDGE OF SIGN 6' MINIMUM FROM PAVEMENT EDGE.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION TRAFFIC	
			SIGN MOUNTING	DRAWING NO. T-1.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



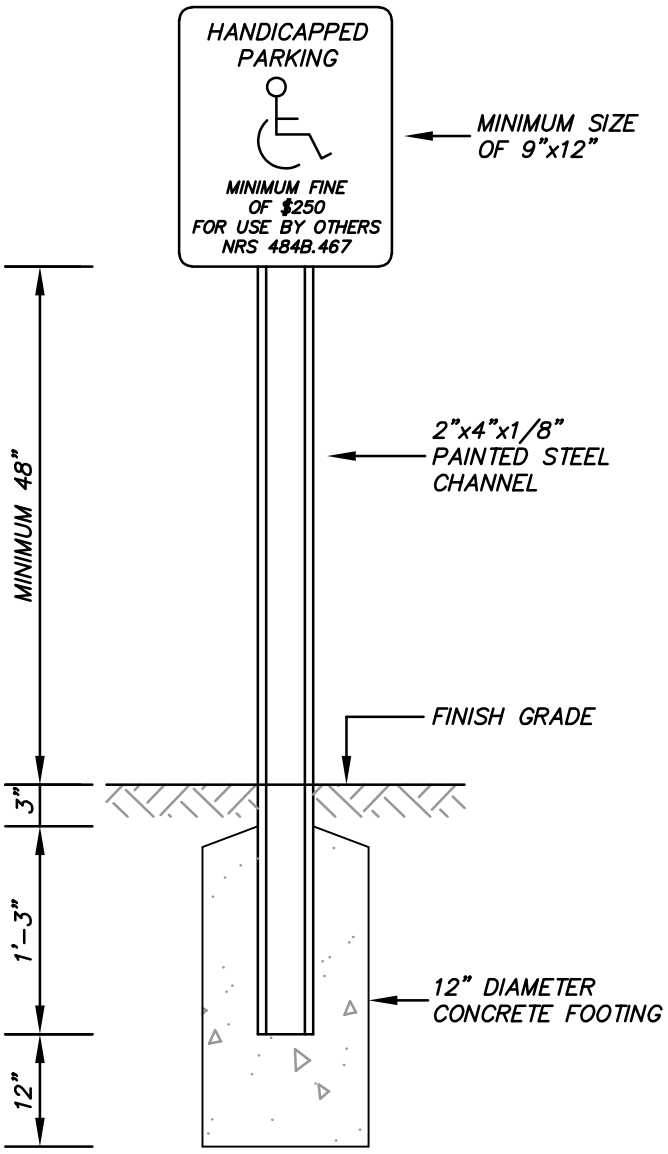




NOTES:

1. SIGNS SHALL MEET THE REQUIREMENTS OF SECTION 332 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND THE LATEST EDITION OF THE M.U.T.C.D.
2. SIGN PANELS SHALL BE MOUNTED ON EXTRUDED ALUMINUM NO. 6063–T6, WITH A MINIMUM THICKNESS OF 0.091".
3. MATERIALS TO BE USED FOR SIGNING SHALL BE DIAMOND GRADE VIP RETROREFLECTIVE SHEETING.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION TRAFFIC	
			STREET NAME SIGN	DRAWING NO. T–1.2	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1

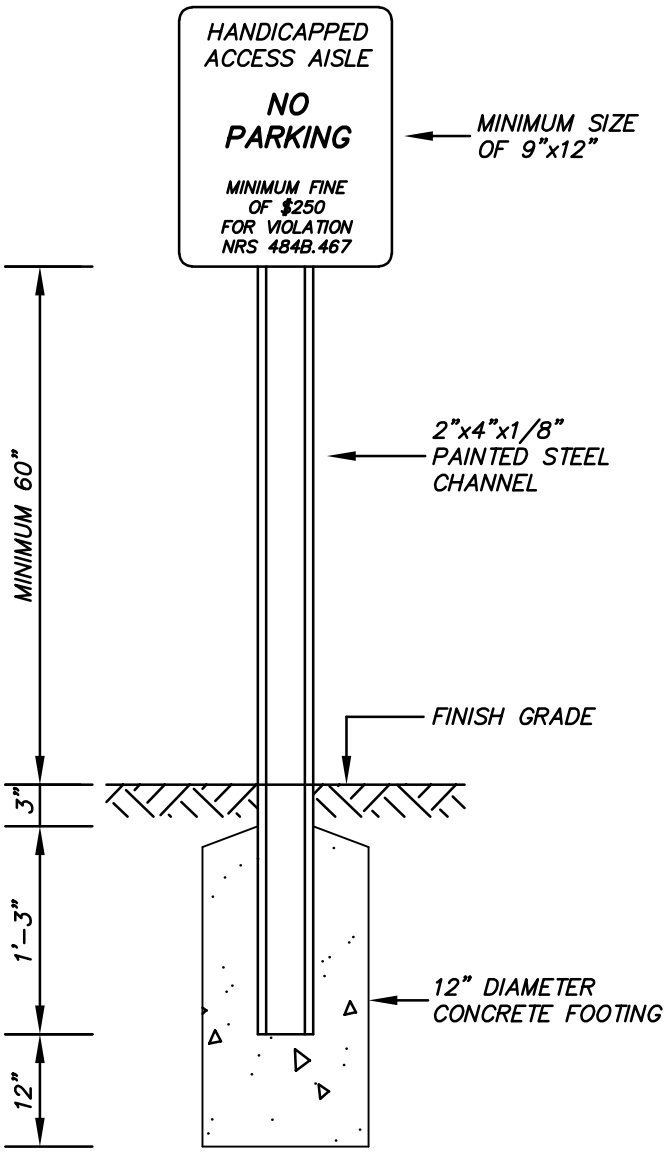


NOTES:

1. IN LIEU OF PLACING POST AND FOOTING, SIGN MAY BE ATTACHED TO THE BUILDING WALL IN FRONT OF THE HANDICAP SPACE, PROVIDED IT IS NOT OBSCURED BY ANY STRUCTURES OR LANDSCAPING.

2. ONE SIGN SHALL BE REQUIRED FOR EACH HANDICAP PARKING SPACE.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION	
			HANDICAP PARKING SPACE SIGN	TRAFFIC	
				DRAWING NO. T-2.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1

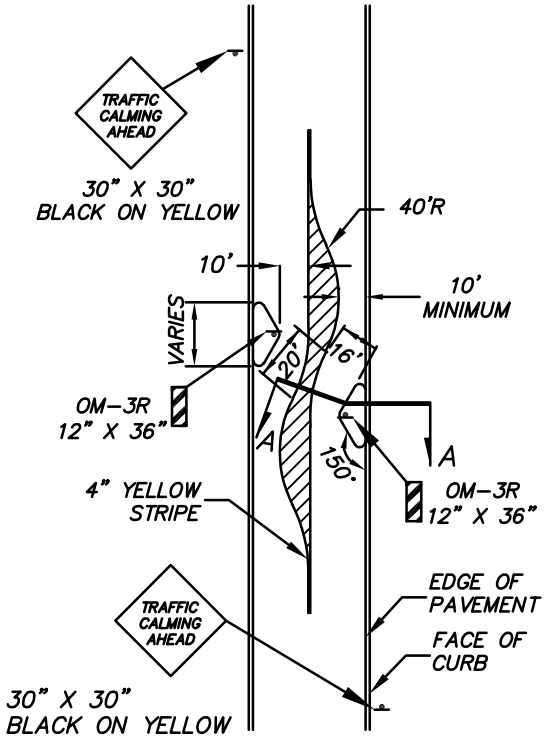


NOTES:

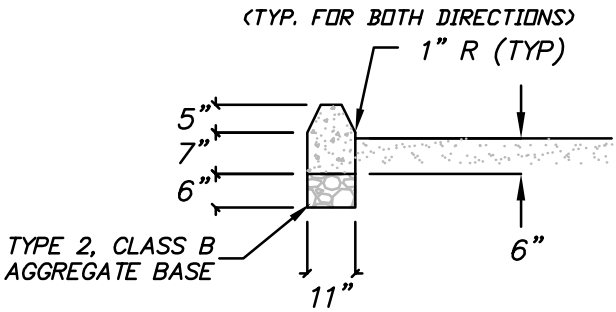
1. IN LIEU OF PLACING POST AND FOOTING, SIGN MAY BE ATTACHED TO THE BUILDING WALL IN FRONT OF THE HANDICAP SPACE, PROVIDED IT IS NOT OBSCURED BY ANY STRUCTURES OR LANDSCAPING.

2. ONE SIGN SHALL BE REQUIRED FOR EACH HANDICAP ACCESS AISLE.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION TRAFFIC	
			HANDICAP ACCESS AISLE SIGN	DRAWING NO. T-2.2	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1

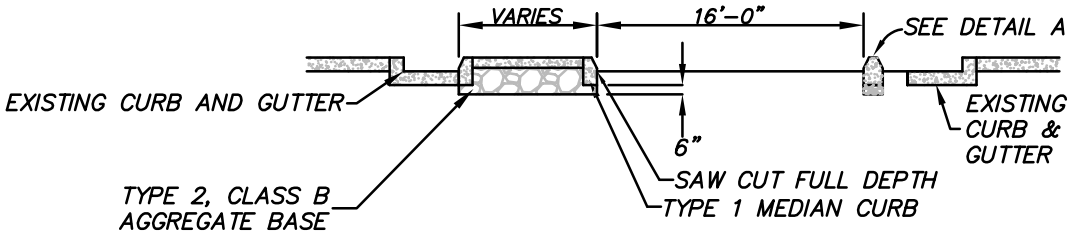


PLAN – STRIPING AND SIGNAGE



DETAIL A

PAINTED PERMANENT YELLOW

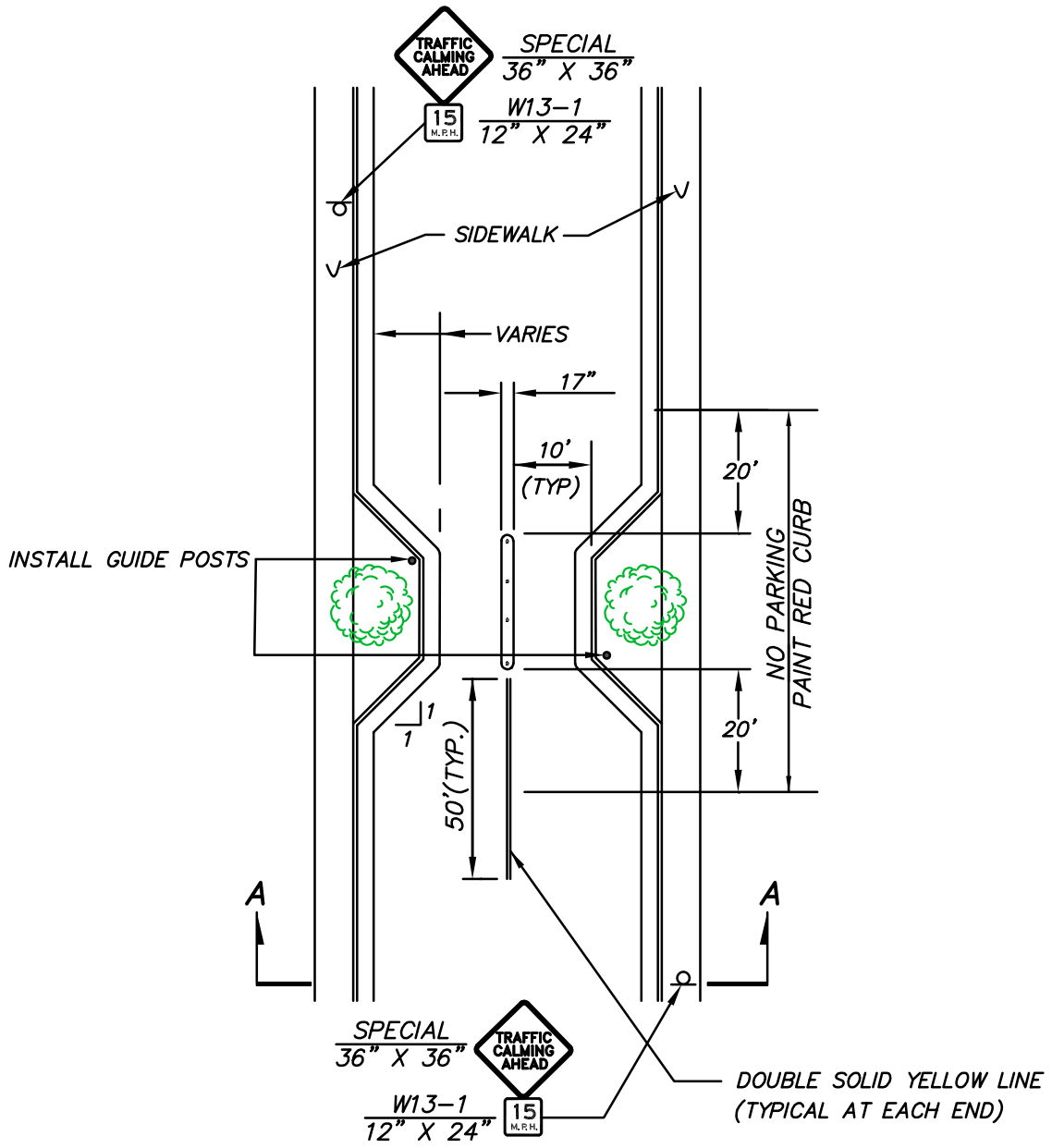


SECTION A–A

NOTES:

1. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 337.10 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTION 302 & 308 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. MEDIAN ISLAND SHALL NOT BE LOCATED WITHIN 20' OF ANY DRIVEWAY UNLESS OTHERWISE APPROVED.
4. LANDSCAPED MEDIAN ISLANDS SHALL REQUIRE APPROVAL BY THE CITY OF ELKO ENGINEER PRIOR TO INSTALLATION.
5. MEDIAN ISLAND RADII SHALL BE 2'.

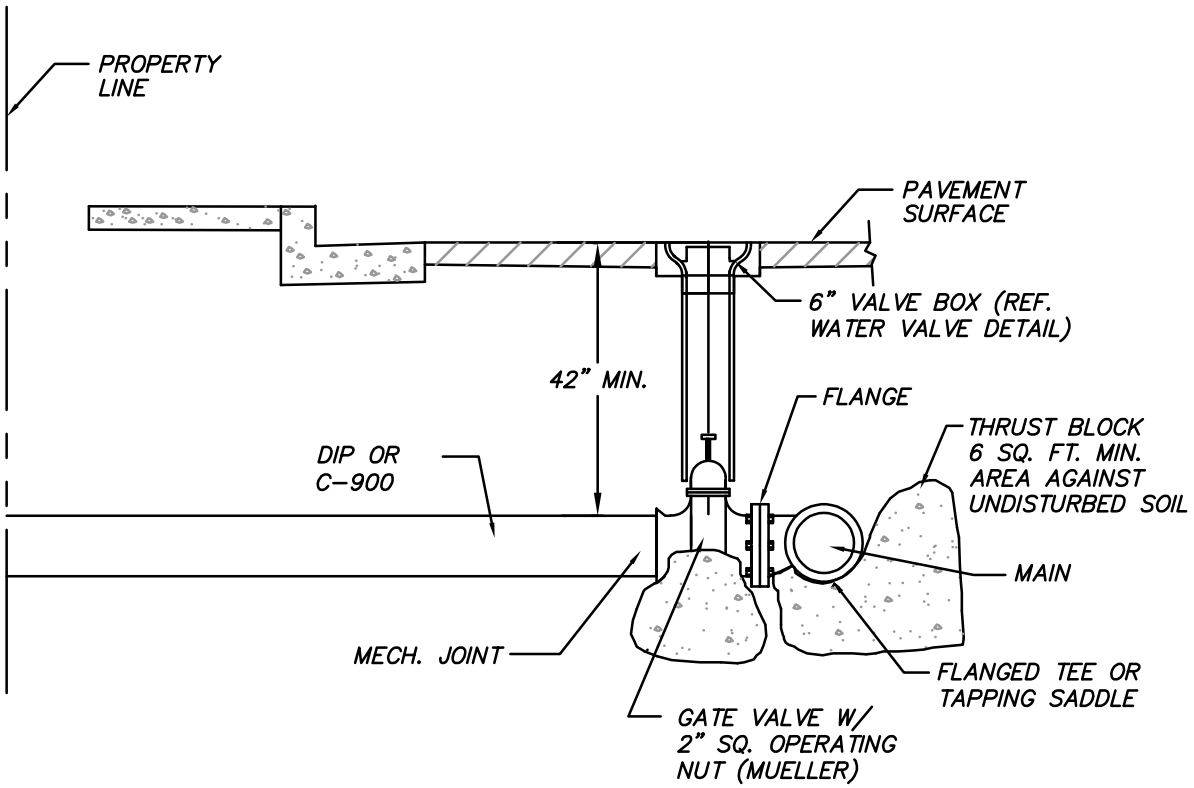
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION TRAFFIC	
			TYPE 1 TRAFFIC CALMING	DRAWING NO. T-3.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



NOTES:

1. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 337.10 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTION 302 & 308 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. MEDIAN ISLAND SHALL NOT BE LOCATED WITHIN 20' OF ANY DRIVEWAY UNLESS OTHERWISE APPROVED.
4. LANDSCAPED MEDIAN ISLANDS AND ANY OTHER LANDSCAPING REQUIRES APPROVAL BY THE CITY OF WELLS PRIOR TO INSTALLATION.
5. MEDIAN ISLAND SHALL BE PAINTED YELLOW WITH GLASS BEADS.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION TRAFFIC	
			TYPE 2 TRAFFIC CALMING	DRAWING NO. T-3.2	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



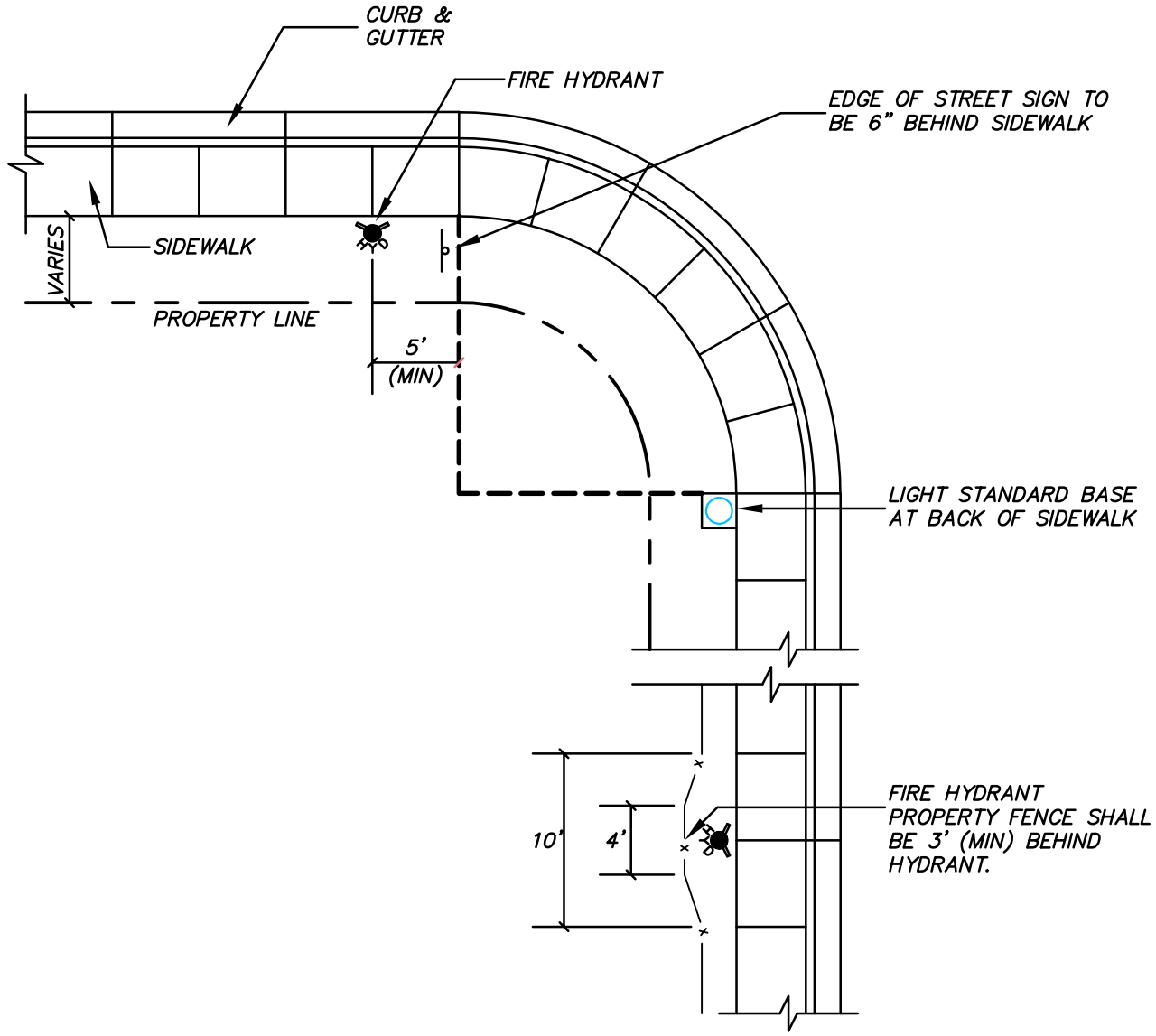
ELEVATION

NOTES:

1. ALL EXPOSED METAL MUST BE COATED AND WRAPPED. POLYETHYLENE WRAP TO BE USED ON ALL DUCTILE IRON PIPE AND FITTINGS PER AWWA C105
2. KEEP A MINIMUM OF 2" CLEAR BETWEEN FLANGES/BOLTS AND CONCRETE
3. TAPPING SLEEVE SHALL PROVIDE FOR A MAXIMUM TEST PRESSURE OF 300 PSI. FLANGES SHALL BE STAINLESS STEEL ASTM A 240, TYPE 304.
4. REMOVE TEST PLUG AND HYDROSTATICALLY PRESSURE TEST TAPPING SLEEVE AND VALVE TO ORANGE BOOK STANDARDS, NOT TO EXCEED MANUFACTURER'S RECOMMENDATION.
5. VALVE SHALL BE BLIND FLANGED AND PRESSURE TESTED AT TIME OF TAPPING SLEEVE PRESSURE TEST.
6. TAP SHALL BE A MINIMUM OF 24" FROM THE CUT OR SPIGOT END OF THE PIPE OR THE PIPE TO BELL TRANSITION

*FOR FIRE MAIN INSTALLATION CONTRACTOR TO REFER TO NFPA 24-2010 SECTION 10.4.

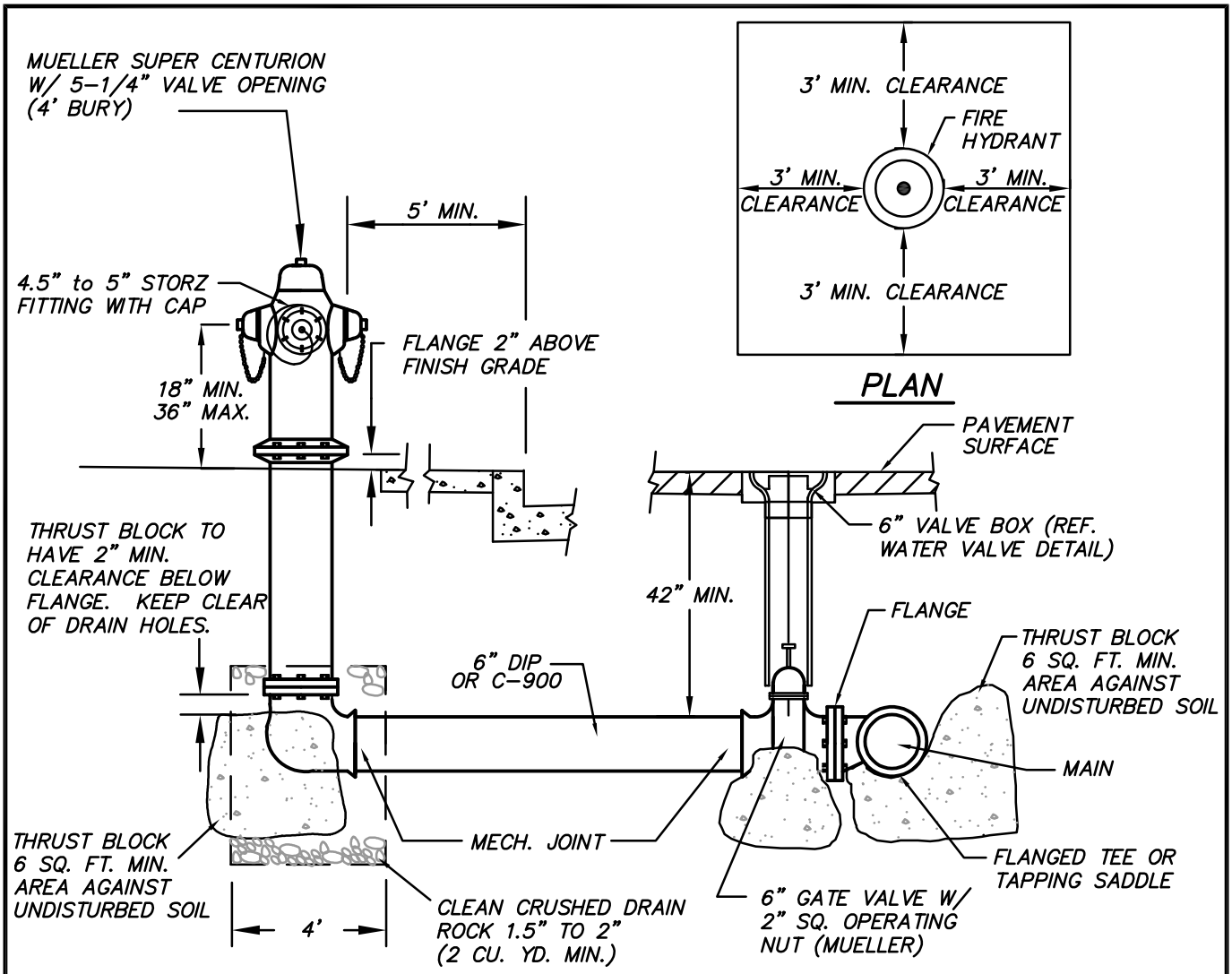
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION FIRE DEPARTMENT	
			FIRE SUPPRESSION SERVICE	DRAWING NO. F-1.2	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



NOTES:

1. WHERE CONDITIONS DIFFER FROM THOSE SHOWN, UTILITIES MAY BE LOCATED WITHIN THE SIDEWALK SECTION WITH THE APPROVAL OF THE GOVERNING AGENCY.
2. WHEN FIRE HYDRANTS AND LIGHT STANDARDS ARE IN THE SAME VICINITY, THEY SHALL BE SEPARATED BY AT LEAST 5 FEET.
3. WHEN STOP SIGN IS LOCATED AT P.C., STREET SIGNS SHALL BE MOUNTED ON SAME POLE.
4. STREET SIGNS AT MID-RETURN SHALL BE LOCATED ADJACENT TO A PEDESTRIAN CURB RAMP, IF APPLICABLE.
5. WHERE CURB AND GUTTER DO NOT EXIST, EDGE OF STOP SIGN SHALL BE PLACED AT THE BEGINNING OF THE CURVE, 6 FEET FROM THE EDGE OF PAVEMENT.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			FIRE HYDRANT & STREET LIGHT LOCATIONS	DRAWING NO. U-1.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1

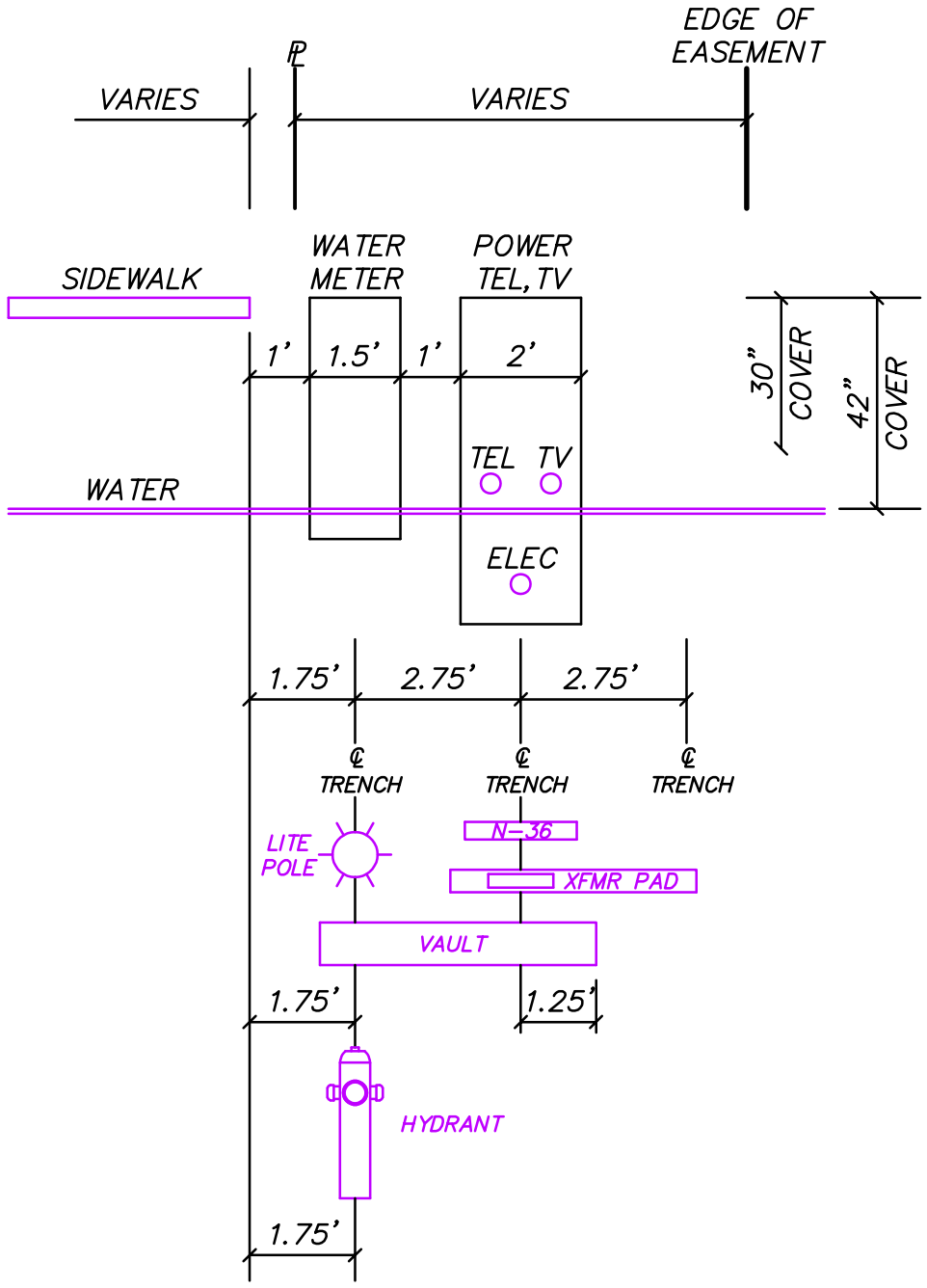


ELEVATION

NOTES:

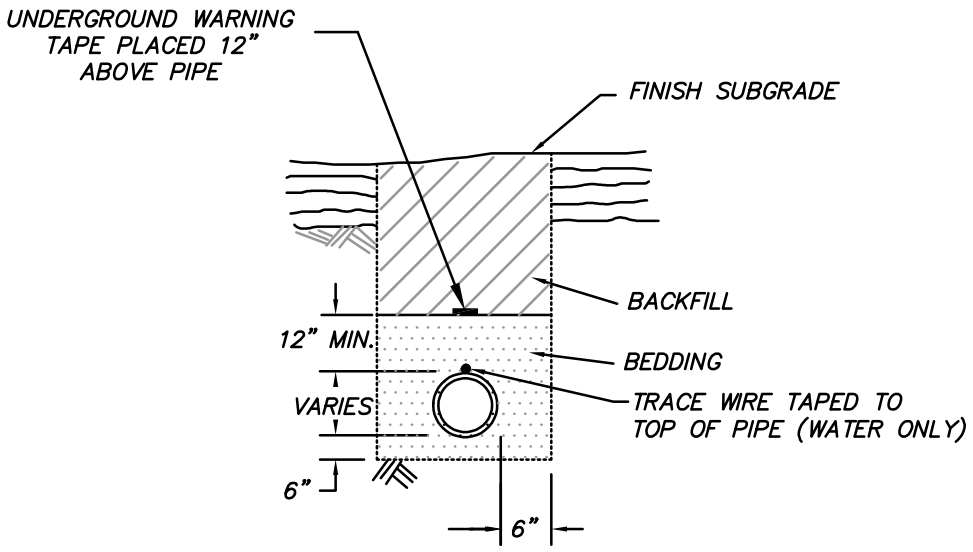
1. HYDRANTS SHALL BE ENAMELED RED.
2. ALL HYDRANTS SHALL HAVE (2) 2.5" PUMPER OUTLETS (MALE THREAD WITH CAP & CHAIN) AND (1) 4.5" STEAMER PUMPER OUTLET WITH 4.5" – 5" STORZ MALE CONNECT WITH CAP & CHAIN. ALL THREADS SHALL BE SPECIFIED FOR AMERICAN NATIONAL HOSE COUPLING.
3. OPERATING NUT SHALL BE 1.5" PENTAGON.
4. INSPECTION BY A CITY OF WELLS REPRESENTATIVE IS REQUIRED PRIOR TO BACKFILLING.
5. FOR FINAL ACCEPTANCE, A FLOW, FLUSH, & HYDROSTATIC TEST SHALL BE WITNESSED BY CITY OF WELLS REPRESENTATIVE.
6. ALL HYDRANT SHALL INCLUDE APPROVED TRAFFIC PROTECTION, 3' MINIMUM CLEARANCES, AND POSITIVE DRAINAGE AWAY FROM THE HYDRANT.
7. CURB SHALL BE PAINTED RED FOR A LENGTH OF 15 FEET, CENTERED AT THE LOCATION OF THE FIRE HYDRANT.
8. ALL EXPOSED METAL MUST BE COATED AND WRAPPED. POLYETHYLENE WRAP TO BE USED ON ALL DUCTILE IRON PIPE AND FITTINGS PER AWWA C105.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION	
			FIRE HYDRANT	UTILITIES	
				DRAWING NO. U-1.2	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



NOTE: MAINTAIN UTILITY SEPARATIONS IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITY DEPARTMENT	
			TYPICAL UTILITY TRENCH LOCATIONS	DRAWING NO. U-2.0	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1

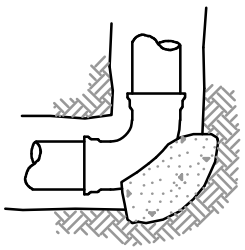
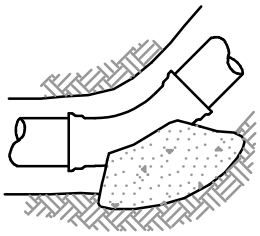
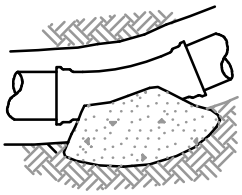
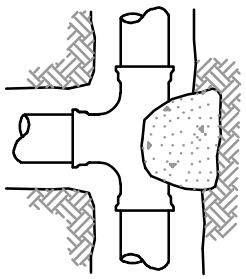


DUCTILE IRON PIPE, PVC, PE & HDPE PIPE

NOTES:

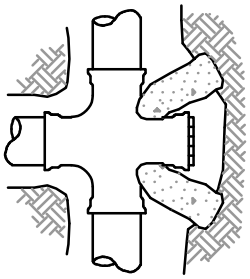
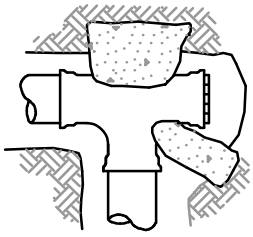
1. WATER DENSIFIED BACKFILL AND TUNNELING SHALL NOT BE ALLOWED.
2. BACKFILL SHALL MEET THE REQUIREMENTS FOR CLASS "E" BACKFILL WITH NO ROCKS SIZED OVER 4", COMPACTED IN 6" (MAX.) LIFTS TO 90% (MIN.) RELATIVE COMPACTION.
3. BEDDING MATERIAL FOR THE FOLLOWING PIPE SHALL MEET THE REQUIREMENTS OF SECTION 200 & 305 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND COMPACTED TO A MINIMUM 90% RELATIVE COMPACTION.
   A) DUCTILE IRON PIPE – CLASS "C"
   B) ALL OTHER PIPE – CLASS "A"
4. FOR TRENCHES & EXCAVATIONS LOCATED WITHIN ROADWAY SECTION, SEE PAVEMENT PATCH DETAIL.
5. ALL TRENCHES AND EXCAVATIONS SHALL CONFORM TO THE LATEST EDITION OF O.S.H.A. AND M.U.T.C.D. REQUIREMENTS.
6. NATIVE MATERIAL MUST BE APPROVED BY THE CITY OF WELLS PRIOR TO USING AS BACKFILL OR BEDDING.
7. UNDERGROUND WARNING TAPE SHALL BE METALLIC AND APPROPRIATLY LABELED AND COLORED.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			TRENCH EXCAVATION & BACKFILL	DRAWING NO. U–2.1	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1

TYPE OF FITTING	90° BEND	45° BEND	11-1/4° OR 22-1/2° BEND	TEE OR DEAD END
TYPICAL INSTALLATION				

THRUST BLOCK BEARING AREA (SQ. FT.)

TYPE OF FITTING		90° BEND	45° BEND	11-1/4° OR 22-1/2° BEND	TEE OR DEAD END	TEE WITH PLUG	CROSS WITH PLUG
SIZE OF PIPE	4"	2	1	1	2	2	2
	6"	4	4	2	4	4	4
	8"	7	4	2	5	7	7
	10"	12	6	3	8	12	12
	12"	16	10	5	12	16	16
	14"	20	12	6	14	20	20
	16"	27	15	8	18	27	27
	18"	45	25	13	32	45	45
	24"	65	35	18	46	65	65

TYPE OF FITTING	CROSS WITH PLUG	TEE WITH PLUG
TYPICAL INSTALLATION		

NOTES:

1. CONCRETE FOR THRUST BLOCKS SHALL HAVE A 28 DAY STRENGTH OF 3000 PSI OR GREATER.
2. AREAS GIVEN ARE FOR CLASS 150 PIPE AT A TEST PRESSURE OF 150 PSI, WITH 2000 PSF BEARING CAPACITY. INSTALLATIONS USING DIFFERENT PIPE, TEST PROCEDURES, AND/OR SOIL TYPES SHOULD ADJUST AREAS ACCORDINGLY, SUBJECT TO THE APPROVAL OF THE ENGINEER.
3. THRUST BLOCKS ARE TO BE POURED AGAINST UNDISTURBED SOIL.
4. JOINTS AND FACES OF PLUGS TO BE KEPT CLEAR OF CONCRETE.
5. BOLT ON SADDLE TEES ARE EXEMPT FROM THRUST BLOCK REQUIREMENTS IF STATED IN MANUFACTURER'S TABULATED DATA.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			THRUST BLOCK BEARING AREAS	DRAWING NO. U-3.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1

MANHOLES – GENERAL NOTES:

1. ALL MANHOLES SHALL MEET THE REQUIREMENTS OF SECTION 204 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

2. MANHOLE COVERS SHALL BE IDENTIFIED AS STORM DRAIN, WATER OR SEWER CLEARLY DISPLAYED ON THE COVER.

3. ALL TRENCHES AND EXCAVATIONS SHALL CONFORM WITH THE LATEST EDITION OF THE O.S.H.A. REQUIREMENTS.

4. PRECAST MANHOLE SECTIONS, OTHER THAN GRADE RINGS, SHALL BE JOINED WITH FLEXIBLE PLASTIC GASKET MATERIAL SUCH AS "RAM–NEK" OR EQUAL AS PER MANUFACTURER'S RECOMMENDATIONS.

5. TYPE & SIZE OF MANHOLE TO BE CONSTRUCTED IN A PARTICULAR LOCATION SHALL BE DETERMINED BY THE PIPE SIZE, ALIGNMENT AND GRADE AS FOLLOWS:

   TYPE 1A & 1B

   48" SIZE

   A. ALL CASES FOR PIPE 18" AND SMALLER.
   B. 24" AND SMALLER PIPE ON TANGENT LINE & GRADE.

   60" SIZE

   A. 27" THROUGH 36" PIPE ON TANGENT LINE AND GRADE.
   B. 21" THROUGH 27" PIPE AT ANGLE POINTS AND CHANGES IN GRADE OR PIPE SIZE.

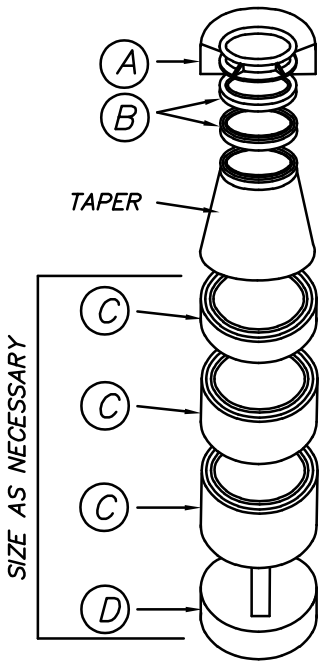
6. EXCAVATABLE SLURRY BACKFILL MAY BE USED AS STRUCTURAL BACKFILL FOR MANHOLES AND MUST MEET THE REQUIREMENTS OF SECTIONS 305.16 & 337.08 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

7. THE TOTAL HEIGHT OF MANHOLE GRADE RINGS SHALL NOT EXCEED 12 INCHES.

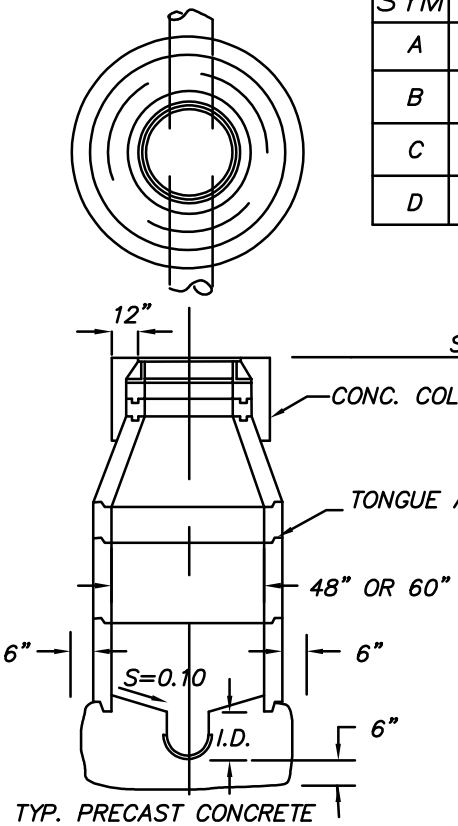
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			MANHOLES GENERAL NOTES	DRAWING NO. U–4.1	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1

PRECAST MANHOLE COMPONENTS SHALL CONFORM TO ASTM C-478

SYM	ITEM
A	RING & COVER
B	GRADE ADJUSTING
C	PRECAST MANHOLE SECTION
D	BASE

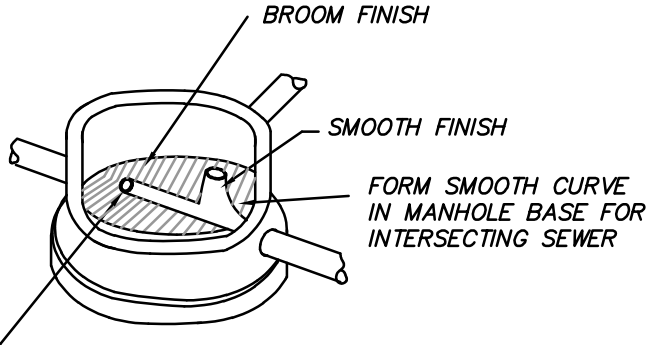


EXPLODED VIEW



TYP. PRECAST CONCRETE MANHOLE WITH ECCENTRIC TAPER.

TAPER HEIGHT	
DIA.	H
48"	24"
60"	48"



ISOMETRIC VIEW

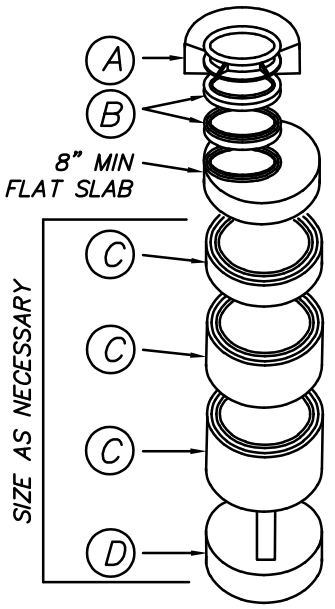
NOTES:

1. PIPE SECTION LENGTHS ARRANGED TO FIT DEPTH.
2. PRECAST BASE MAY BE USED IF APPROVED BY GOVERNING AGENCY.
3. MANHOLE STEPS ARE REQUIRED AND SHALL BE POLYETHYLENE COATED.
4. REFER TO DETAIL SHEET (MANHOLE – GENERAL NOTES) FOR ADDITIONAL INFORMATION.

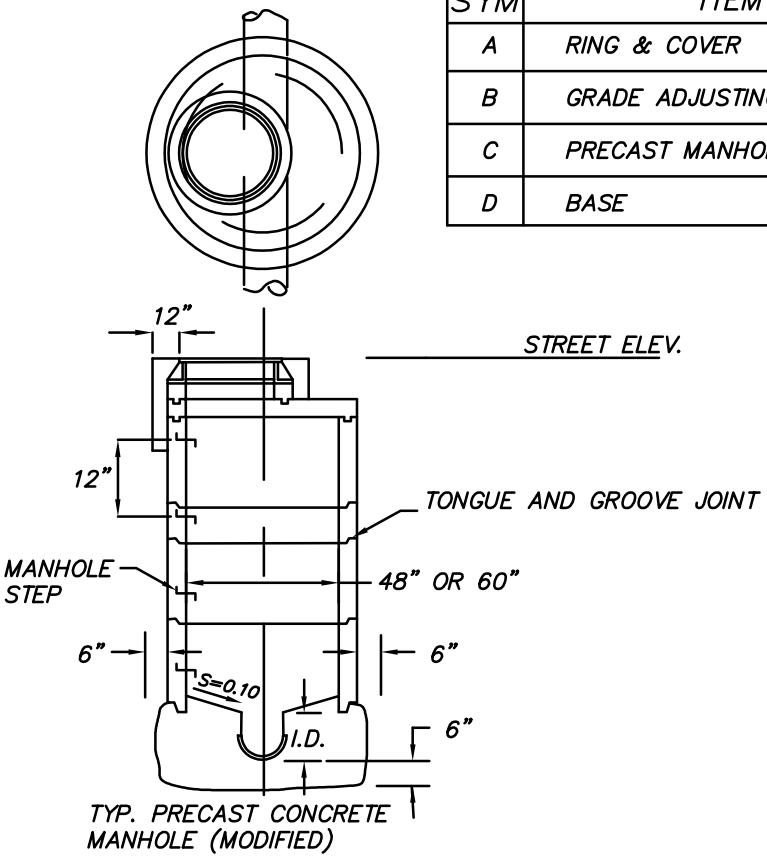
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			TYPE 1 MANHOLE	DRAWING NO. U-4.2	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1

PRECAST MANHOLE COMPONENTS SHALL CONFORM TO ASTM C-478

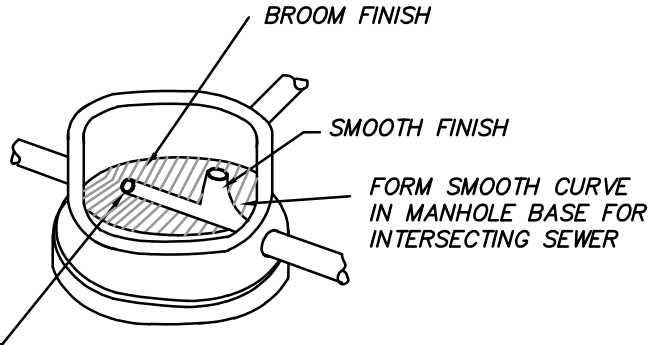
SYM	ITEM
A	RING & COVER
B	GRADE ADJUSTING
C	PRECAST MANHOLE SECTION
D	BASE



EXPLODED VIEW



TYP. PRECAST CONCRETE MANHOLE (MODIFIED)



PIPES SHALL NOT PROTRUDE MORE THAN 3" INSIDE OF MANHOLE SECTION. CONSTRUCT WATER TIGHT CONNECTION TO MANHOLE.

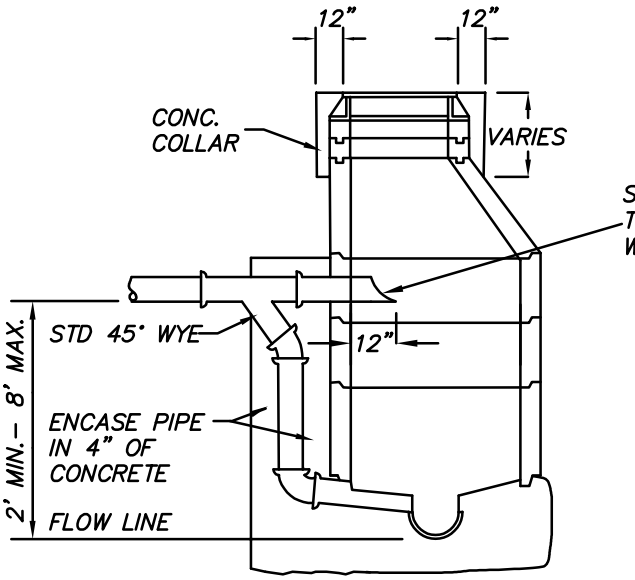
ISOMETRIC VIEW

NOTES:

1. PIPE SECTION LENGTHS ARRANGED TO FIT DEPTH.
2. PRECAST BASE MAY BE USED IF APPROVED BY GOVERNING AGENCY.
3. MANHOLE STEPS SHALL BE POLYETHYLENE COATED.
4. REFER TO DETAIL SHEET (MANHOLE – GENERAL NOTES) FOR ADDITIONAL INFORMATION.

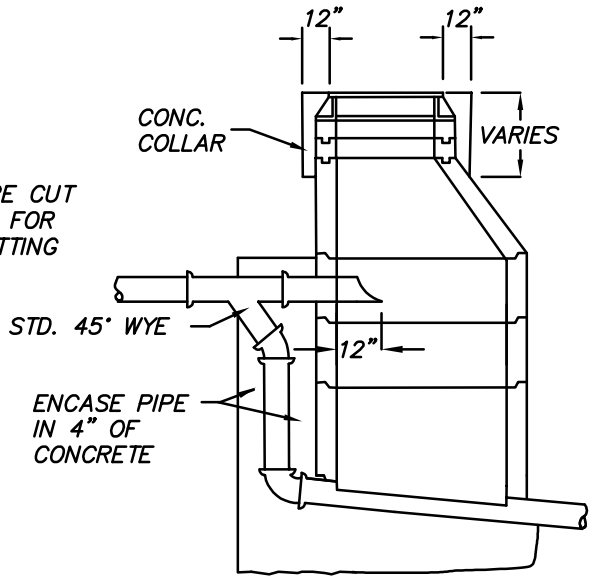
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION	
			TYPE 2 MANHOLE	UTILITIES	
				DRAWING NO. U-4.3	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1

NOTE:
DIMENSIONS NOT SHOWN ARE GIVEN ON DETAILS ON TYPE I MANHOLES AND MANHOLE COLLARS



TYPICAL PRECAST CONC. DROP MANHOLE (ECCENTRIC)

TEE MANHOLE



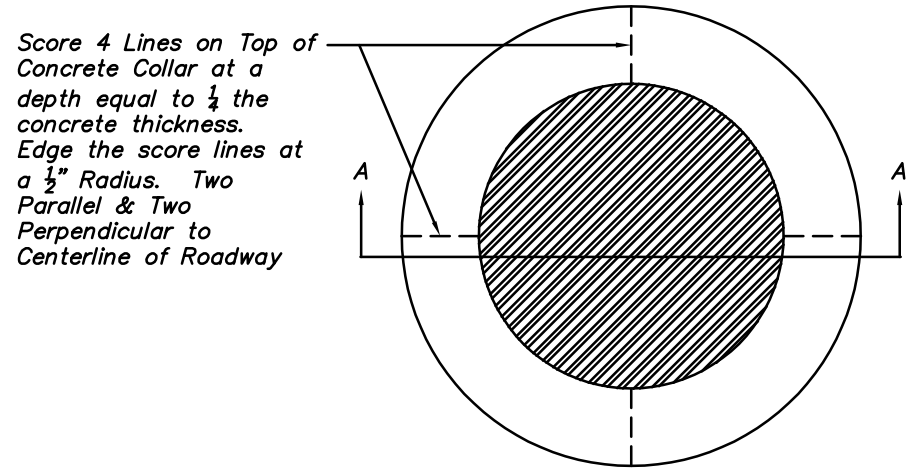
TYPICAL PRECAST CONC. DROP MANHOLE (ECCENTRIC)

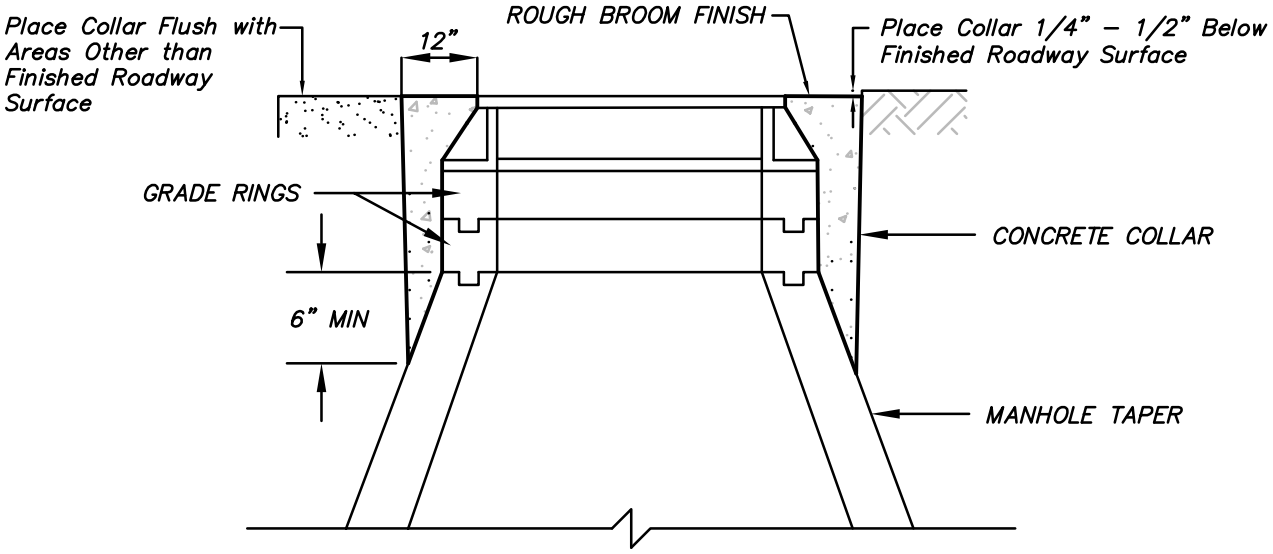
THROUGH MANHOLE

NOTES:

1. DROP MANHOLES SHALL BE USED ON ALL SANITARY SEWER WITH MORE THAN 2 FEET VERTICAL DROP AT MANHOLE, NOT TO EXCEED 8 FEET.
2. IF THE SANITARY SEWER VERTICAL DROP IS LESS THAN 2 FEET, TIE SEWER LINE INTO FLOWLINE.
3. CONCENTRIC CONES SHALL BE USED AT THE DIRECTION OF THE GOVERNING AUTHORITY.
4. MAINS SHALL BE SLOPED TO FALL AT LEAST 0.1 FEET ACROSS MANHOLE SECTION.
5. PIPE SECTION WITHIN MANHOLE MAY BE P.V.C.
6. MANHOLE STEPS ARE NOT REQUIRED.
7. REFER TO DETAIL SHEET (MANHOLE – GENERAL NOTES) FOR ADDITIONAL INFORMATION.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			TYPE 3 MANHOLE	DRAWING NO. U–4.4	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1



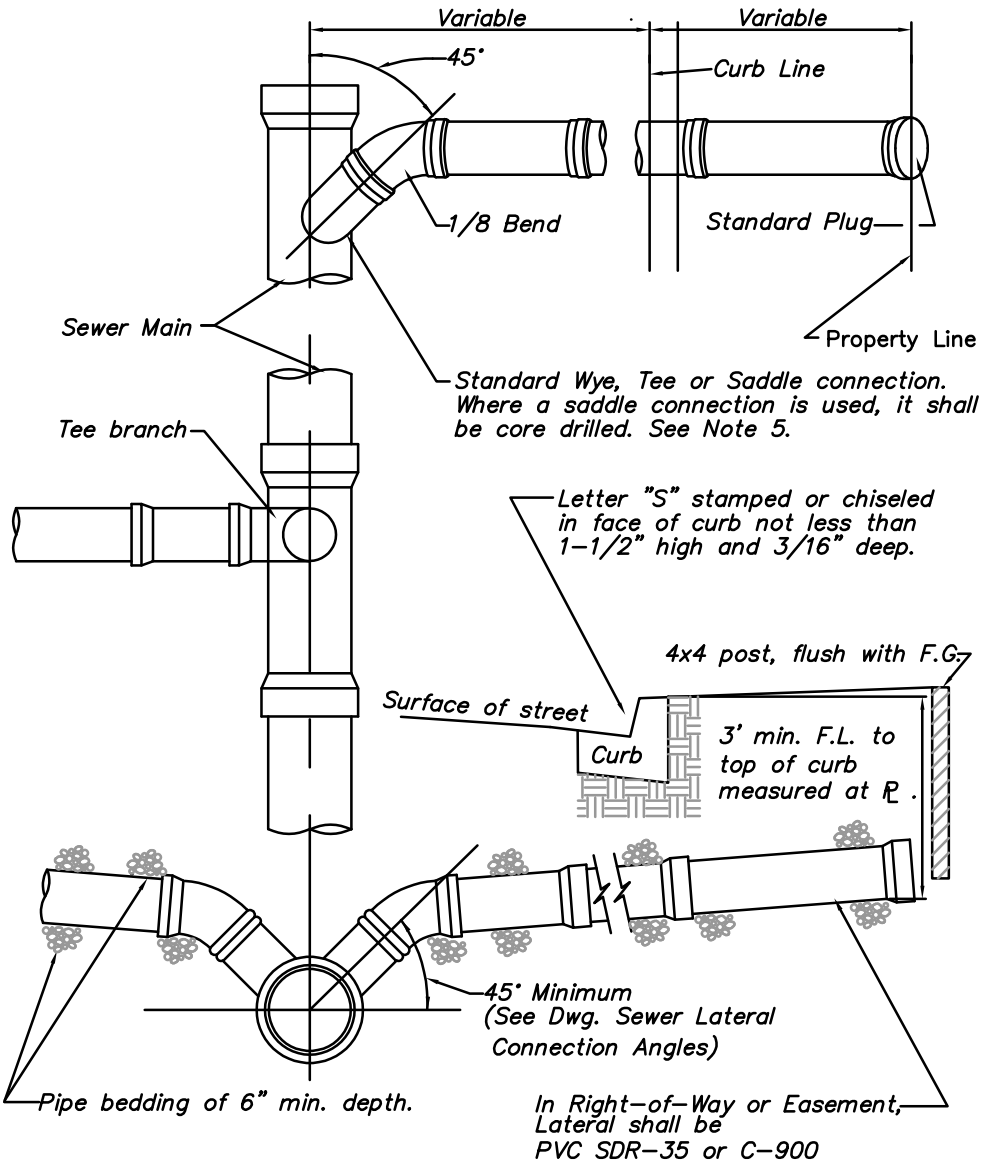


SECTION A–A

NOTES:

1. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 337.10 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. MANHOLE COLLAR SHALL BE SET ¼" TO ½" BELOW FINISHED CONCRETE OR BITUMINOUS SURFACE. MANHOLE COLLARS IN ALL OTHER AREAS SHALL BE SET FLUSH WITH FINISHED GRADE, UNLESS OTHERWISE SPECIFIED.
3. CONCRETE COLLAR IS REQUIRED WHEN MANHOLE IS NOT LOCATED IN CONCRETE OR BITUMINOUS SURFACE.
4. REFER TO DETAIL SHEET (MANHOLE – GENERAL NOTES) FOR ADDITIONAL INFORMATION.

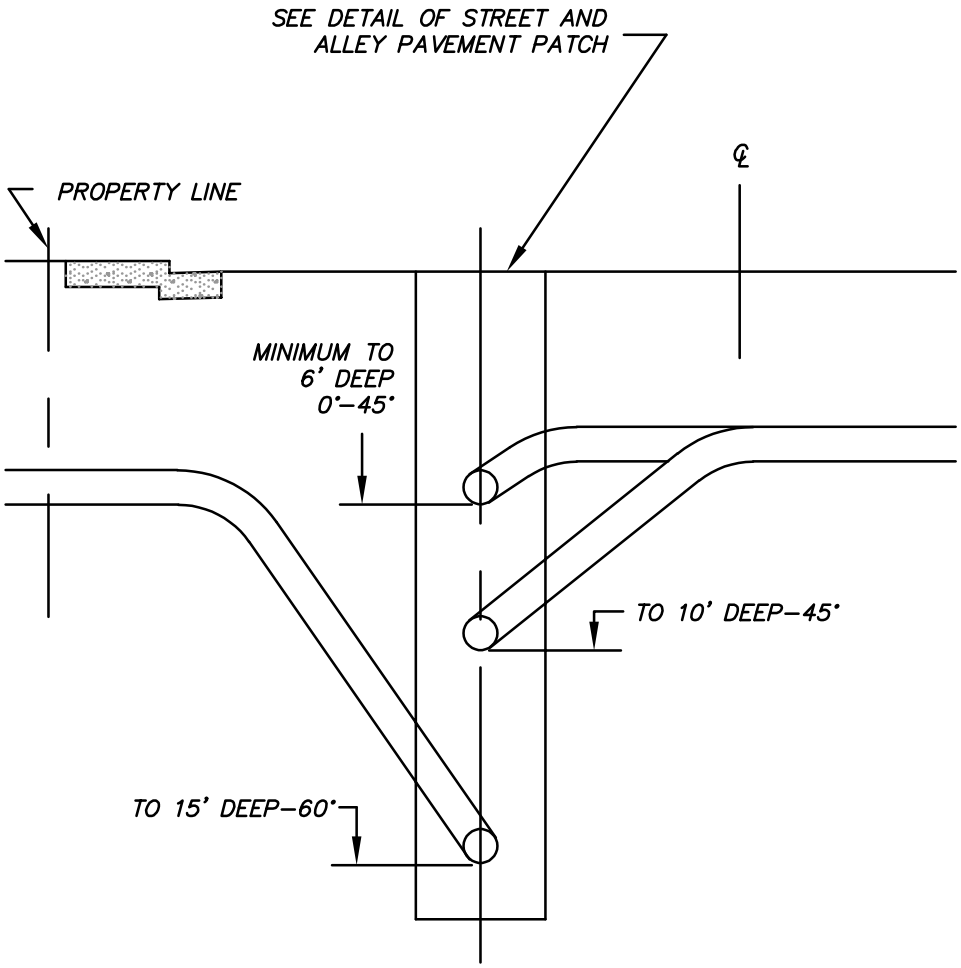
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			MANHOLE COLLAR	DRAWING NO. U–5.1	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1



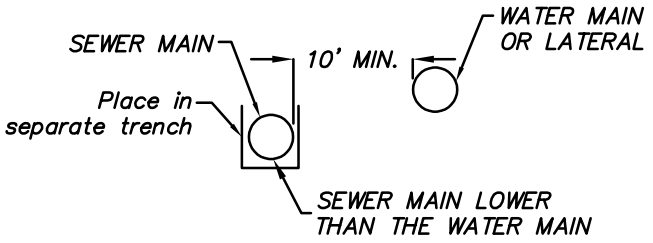
NOTES:

1. IN NO CASE SHALL A LATERAL CONNECT TO THE SEWER MAIN DIRECTLY ON TOP OR MATCH THE FLOWLINE OF THE PIPE.
2. SEWER LATERALS SHALL HAVE A MINIMUM SLOPE OF 2%.
3. ALL JOINTS ON SEWER LATERAL PIPE WITHIN THE RIGHT-OF-WAY SHALL BE COMPRESSION TYPE.
4. LATERAL SHALL EXTEND TO PROPERTY LINE UNLESS OTHERWISE SHOWN ON PLANS.
5. SADDLE CONNECTION SHALL BE PVC SADDLE WITH STAINLESS STEEL STRAPS.
6. ANY ABANDONED SEWER LATERAL IS THE RESPONSIBILITY OF THE CUSTOMER AND SHALL BE CUT AND CAPPED OR PLUGGED WITHIN 6 INCHES OF THE SEWER MAIN AND SUBJECT TO THE CITY OF WELLS APPROVAL.
7. SEWER MAIN/LATERAL CONNECTIONS SHALL MEET THE REQUIREMENTS OF NAC 445A.

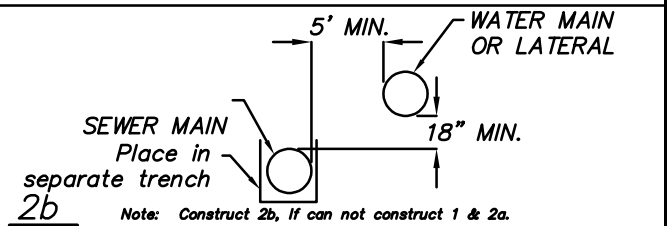
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			SEWER LATERAL CONNECTION	DRAWING NO. U-6.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			SEWER LATERAL CONNECTION ANGLES	DRAWING NO. U–6.2	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1

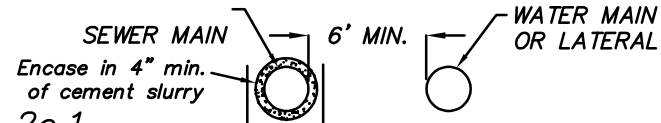


1&2a



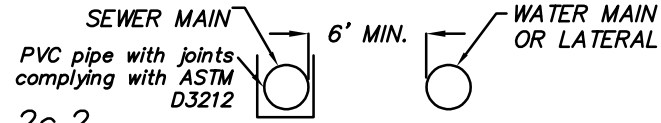
2b

Note: Construct 2b, If can not construct 1 & 2a.



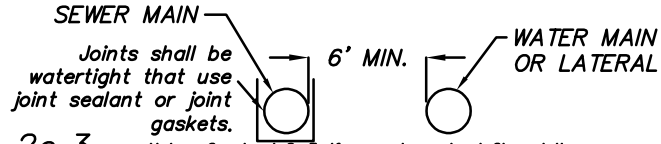
2c.1

Note: Construct 2c.1, If can not construct 2b and the sewer main already exists. Place sewer main in separate trench.



2c.2

Note: Construct 2c.2, If can not construct 2b and the sewer main is being constructed. Place sewer main in separate trench.



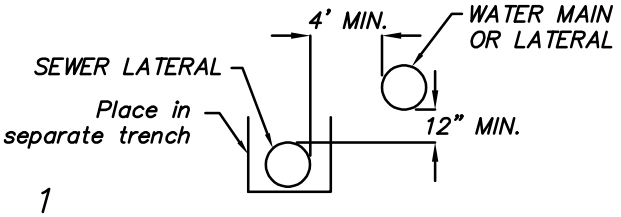
2c.3

Note: Construct 2c.3, If can not construct 2b and the sewer main is part of a storm sewer and diam. is 24" or greater. Place sewer main in separate trench.

3a

Note: Construct 3a, If can not meet separation requirements as shown above but must meet other requirements shown in 2c.1–2c.3.

SEWER MAIN PARALLEL TO WATER MAIN OR WATER SERVICE LATERAL



1

2

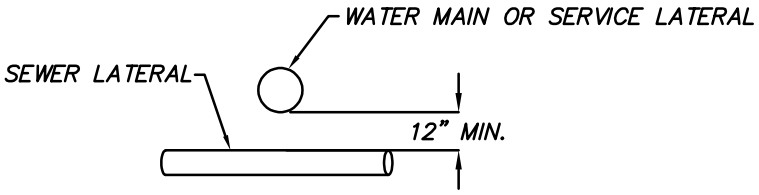
Note: If 1 can not be constructed, then locate in such a manner as is authorized by the Health Division.

SEWER SERVICE LATERAL PARALLEL TO WATER MAIN OR WATER SERVICE LATERAL

NOTES:

1. SEWER MAIN/LATERAL PARALLEL TO WATER MAIN OR WATER SERVICE LATERAL SHALL MEET THE REQUIREMENTS OF NAC 445A.67155 & NAC 445A.6716.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			PARALLEL LINE SEPARATION	DRAWING NO. U–7.1	
			SEWER LINE PARALLEL TO WATER MAIN/LATERAL		
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1



Note: If 1 can not be constructed, then locate sewer service lateral in such a manner as is authorized by the Health Division.

1

Note: Construct 2a, If can not construct 1. If water main or water service lateral is in place at the time a sewer main is constructed and must be relocated to meet vertical clearance, the relocation shall be performed with the approval of and in accordance with the procedures & standards of the supplier of water.

2A

Note: Construct 2a, If can not construct 1. If water main or water service lateral is in place at the time a sewer main is constructed and must be relocated to meet vertical clearance, the relocation shall be performed in such a manner as is authorized by the Health Division.

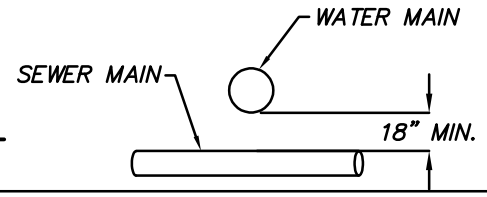
2B

SEWER LATERAL CROSSING WATER MAIN OR WATER SERVICE LATERAL

NOTES:

1. SEWER SERVICE LATERAL CROSSING WATER MAIN OR WATER SERVICE LATERAL SHALL MEET THE REQUIREMENTS OF NAC 445A.67175.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			CROSSING LINE SEPARATION	DRAWING NO. U-8.1	
			SEWER LATERAL CROSSING WATER MAIN/LATERAL		
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



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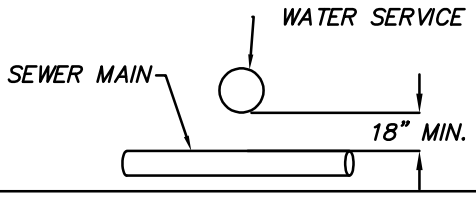

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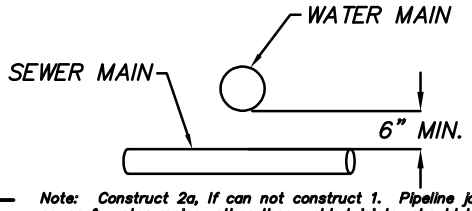
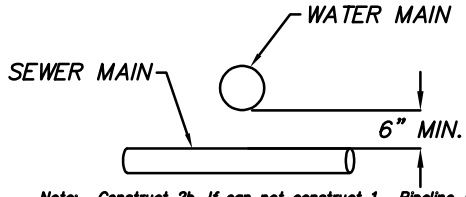


2a

Note: Construct 2a, If can not construct 1. Pipeline joints of sewer & water mains, other than welded joints, should be an equal distance from the point of crossing. Provide structural support for the sewer and water mains as the supplier of water determines necessary. Sewer main is composed of material that meets the requirements of the latest edition of Standard Specifications for Public Works and the A.W.W.A.

2a

Note: Construct 2a, If can not construct 1. If water service lateral is in place at the time a sewer main is constructed and must be relocated to meet vertical clearance, the relocation shall be performed with the approval of and in accordance with the procedures & standards of the supplier of water.

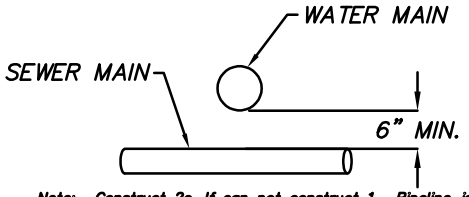


2b

Note: Construct 2b, If can not construct 1. Pipeline joints of sewer & water mains, other than welded joints, should be an equal distance from the point of crossing. Provide structural support for the sewer and water mains as the supplier of water determines necessary. Sewer main consists of PVC which is constructed with joints that compply with ASTM D3212.

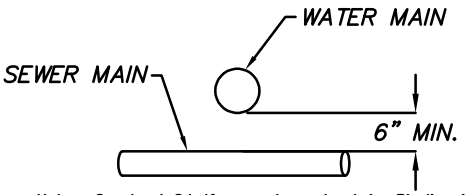
2b

Note: Construct 2a, If can not construct 1. If water service lateral is in place at the time a sewer main is constructed and must be relocated to meet vertical clearance, the relocation shall be performed in such a manner as is authorized by the Health Division.



2c

Note: Construct 2c, If can not construct 1. Pipeline joints of sewer & water mains, other than welded joints, should be an equal distance from the point of crossing. Provide structural support for the sewer and water mains as the supplier of water determines necessary. Encase either sewer main or water main in minimum 4" cement slurry for a distance of at least 10' on each side of point of crossing.



2d

Note: Construct 2d, If can not construct 1. Pipeline joints of sewer & water mains, other than welded joints, should be an equal distance from the point of crossing. Provide structural support for the sewer and water mains as the supplier of water determines necessary. Install sewer or water main in pipe sleeve that extends, without joints, a minimum of 10' each side of point of crossing.

SEWER MAIN CROSSING WATER MAIN

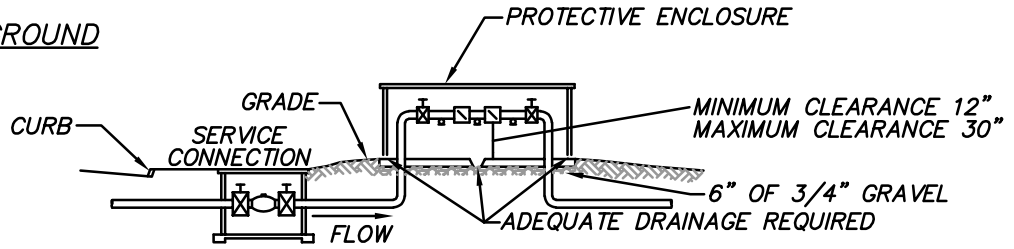
SEWER MAIN CROSSING WATER SERVICE LATERAL

NOTES:

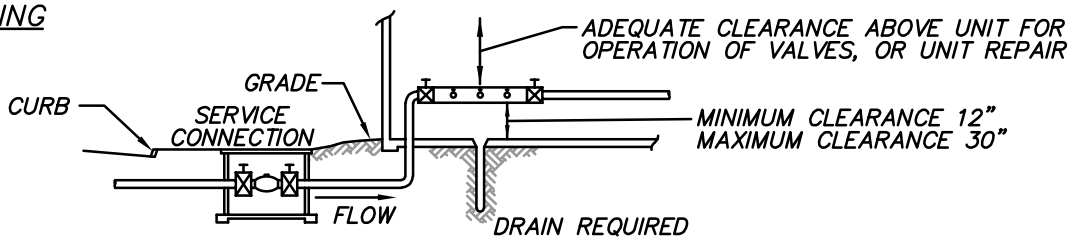
1. SEWER MAIN CROSSING WATER MAIN OR WATER SERVICE LATERAL SHALL MEET THE REQUIREMENTS OF NAC 445A.67165 & NAC 445A.6717.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			CROSSING LINE SEPARATION	DRAWING NO. U-8.2	
			SEWER MAIN CROSSING WATER MAIN/LATERAL		
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1

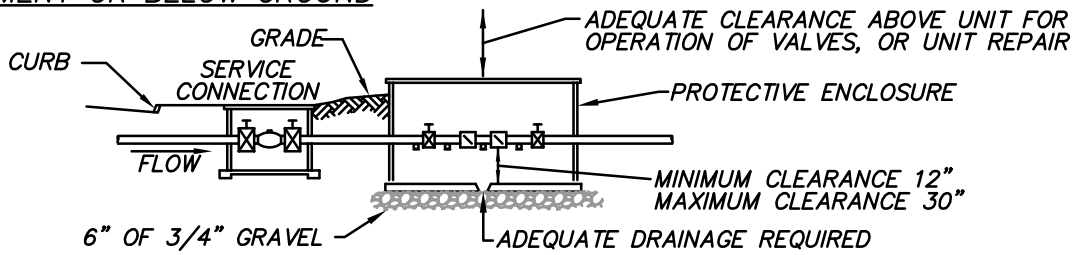
ABOVE GROUND



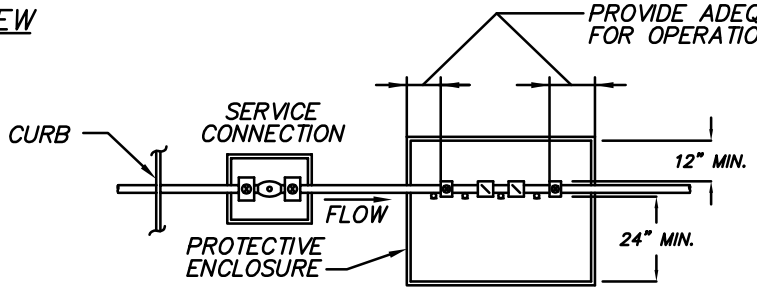
IN BUILDING



IN BASEMENT OR BELOW GROUND



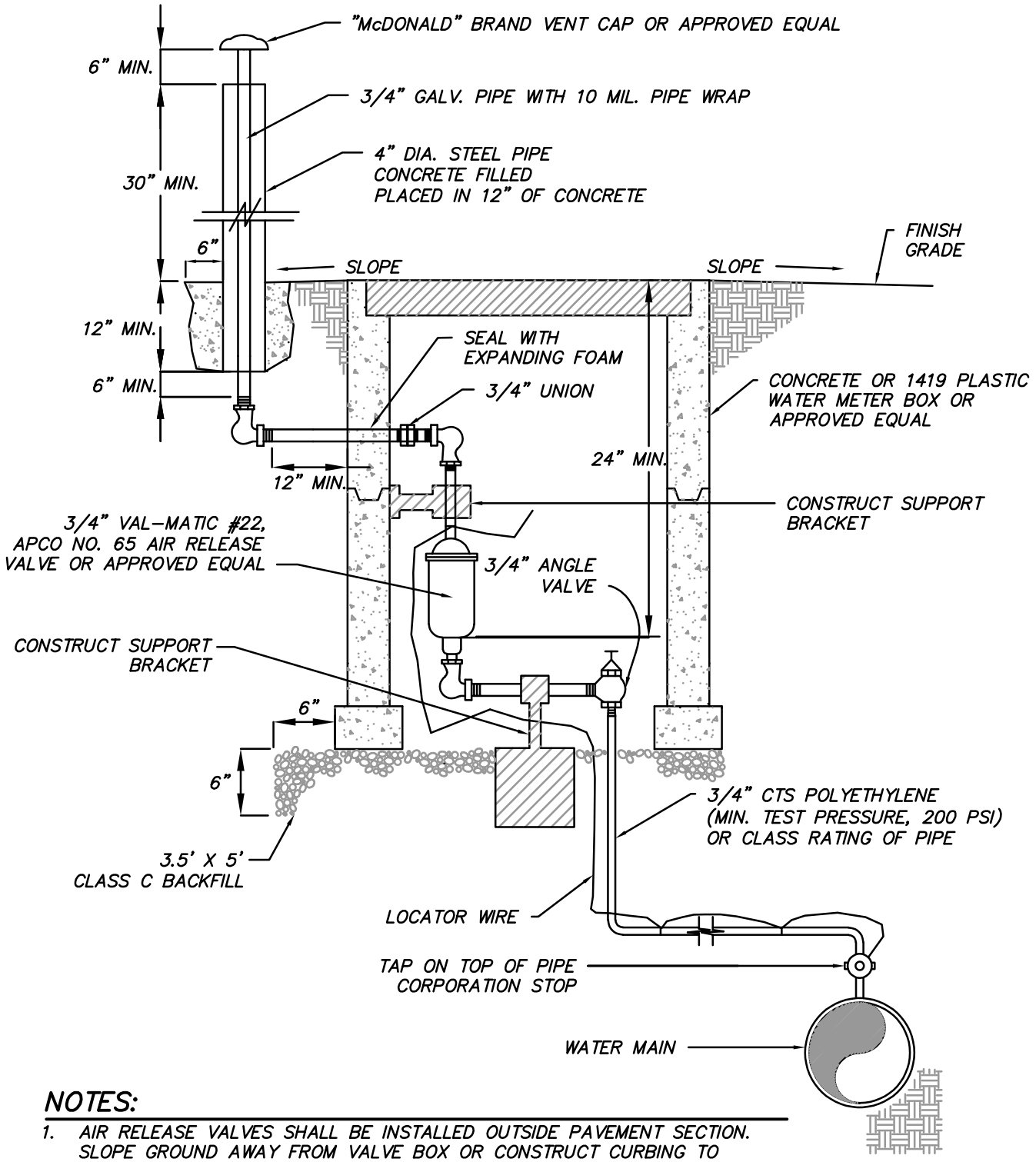
PLAN VIEW



NOTES:

1. INSTALLATION OF AN APPROVED BACKFLOW DEVICE AS RECOGNIZED BY THE CITY OF ELKO ONLY. BACKFLOW DEVICE TO BE TESTED BY A CERTIFIED TESTER, RESULTS TO BE SUPPLIED TO THE CITY OF ELKO.
2. NO OUTLET TEE, TAP OR CONNECTION BETWEEN SERVICE CONNECTION AND BACKFLOW PREVENTION ASSEMBLY.
3. REFER TO RELIEF DISCHARGE RATE SO THAT ADEQUATE DRAINAGE CAN BE INSTALLED.
4. SUPPORTS RECOMMENDED FOR ASSEMBLIES 2.5 INCHES AND LARGER.
5. OUTSIDE ASSEMBLY INSTALLATIONS SHALL BE APPROVED BY THE CITY OF ELKO AND PROTECTED AGAINST FREEZING.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			REDUCED PRESSURE ASSEMBLIES	DRAWING NO. U-9.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1

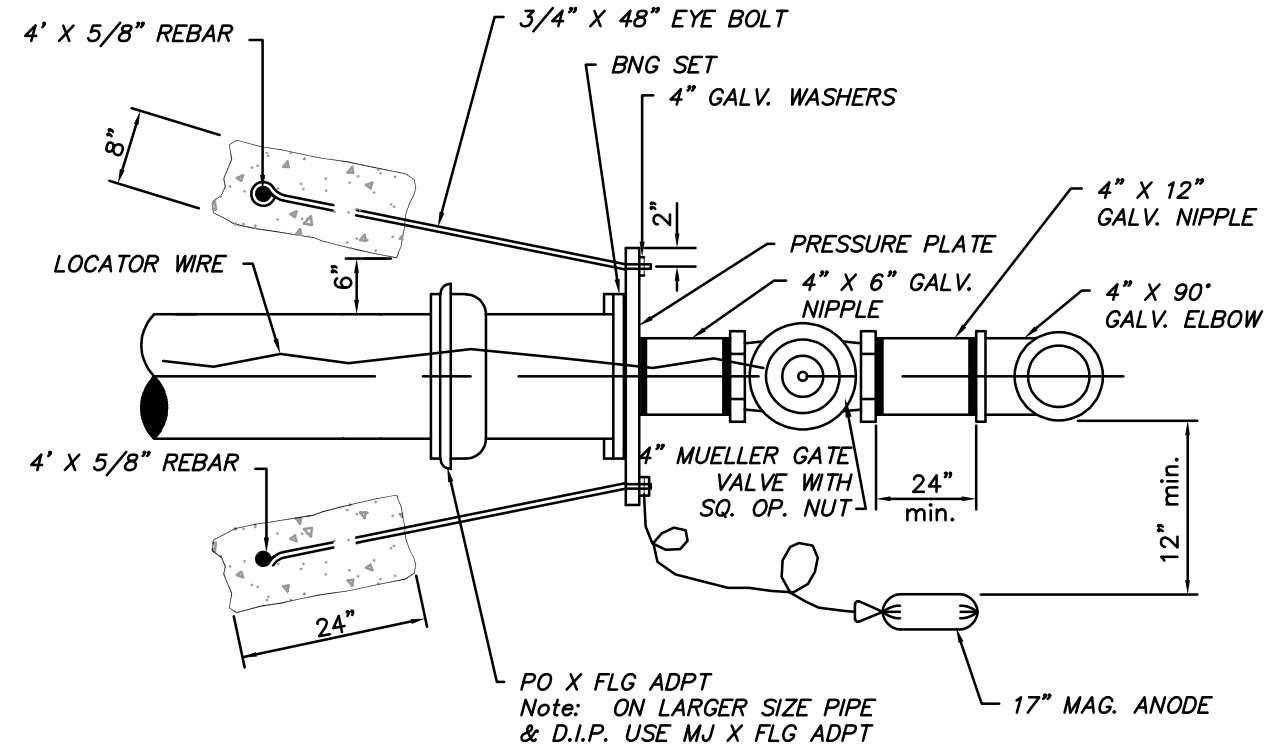


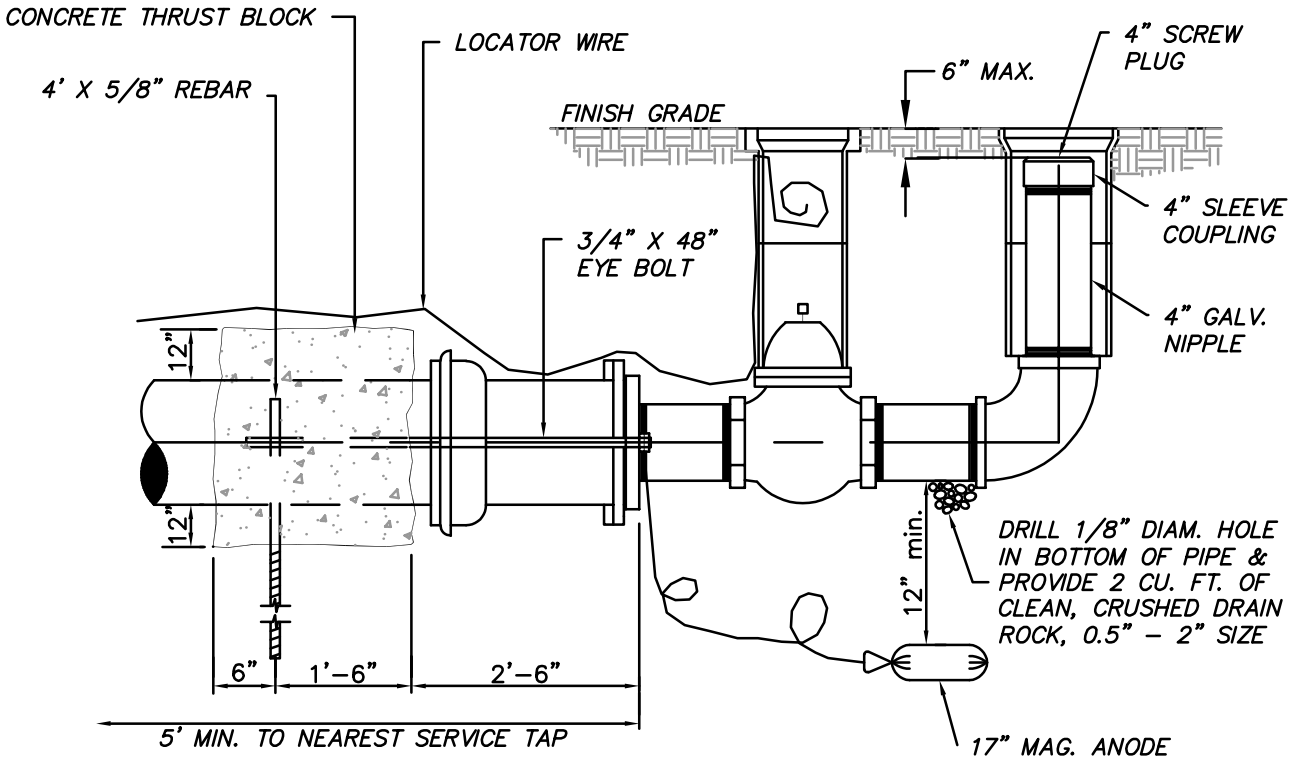
NOTES:

1. AIR RELEASE VALVES SHALL BE INSTALLED OUTSIDE PAVEMENT SECTION. SLOPE GROUND AWAY FROM VALVE BOX OR CONSTRUCT CURBING TO PROTECT FROM FLOODING BY SURFACE WATERS.

2. ALL PIPES SHALL HAVE POSITIVE SLOPE FROM MAIN LINE TO AIR RELEASE VALVE.

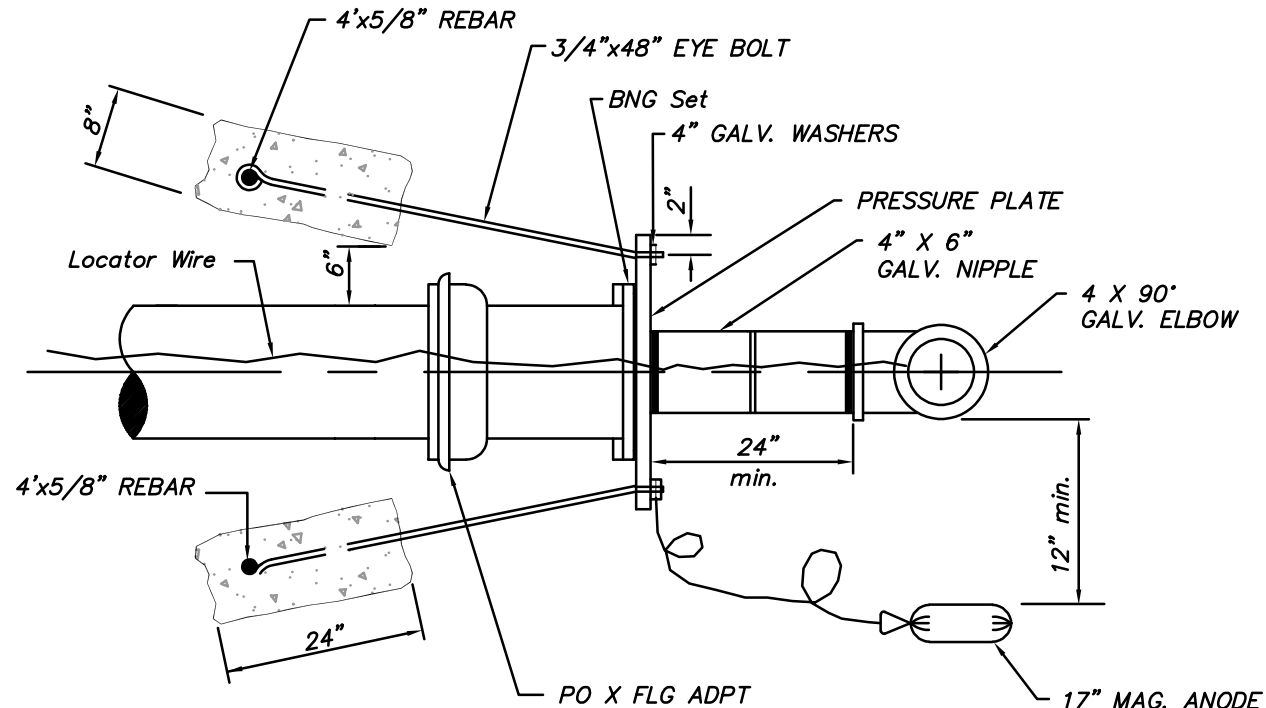
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION	
			POTABLE WATER AIR RELEASE	UTILITIES	
				DRAWING NO. U-10.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1

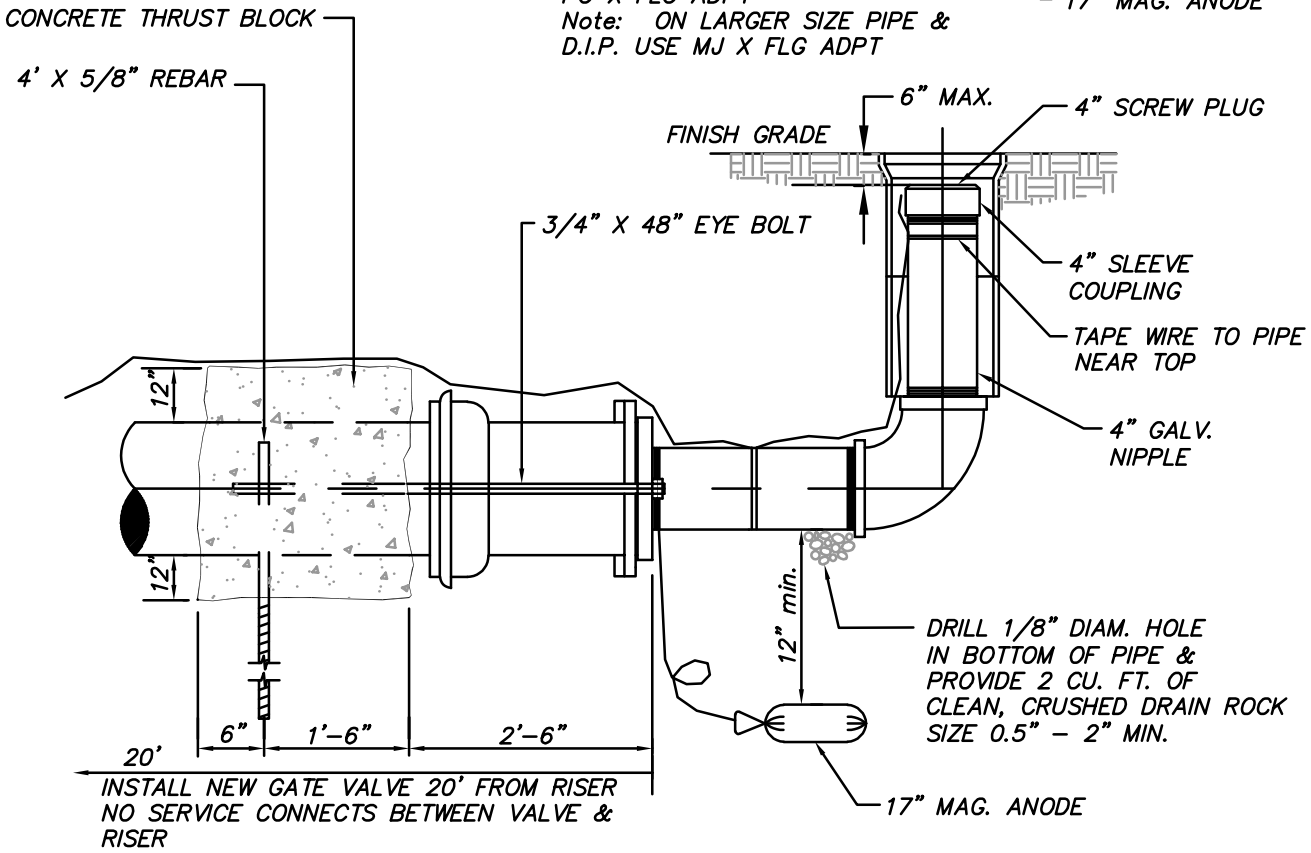




ALL EXPOSED METAL MUST BE COATED AND WRAPPED. POLYETHYLENE WRAP TO BE USED ON ALL DUCTILE IRON PIPE AND FITTINGS PER AWWA C105.

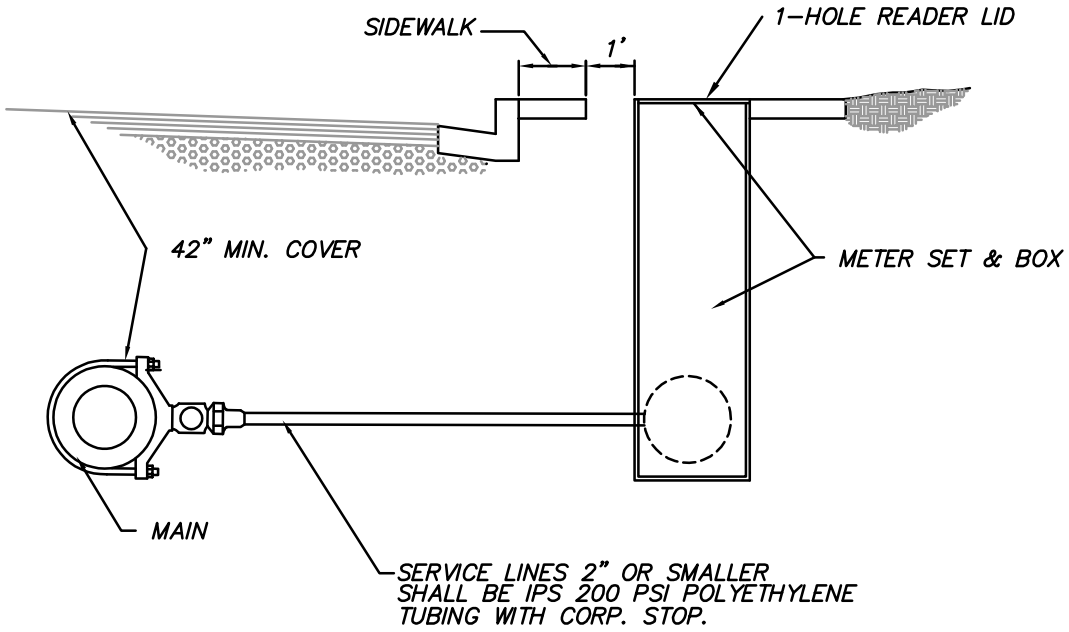
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			PERMANENT FLUSH ASSEMBLY	DRAWING NO. U–11.1	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1



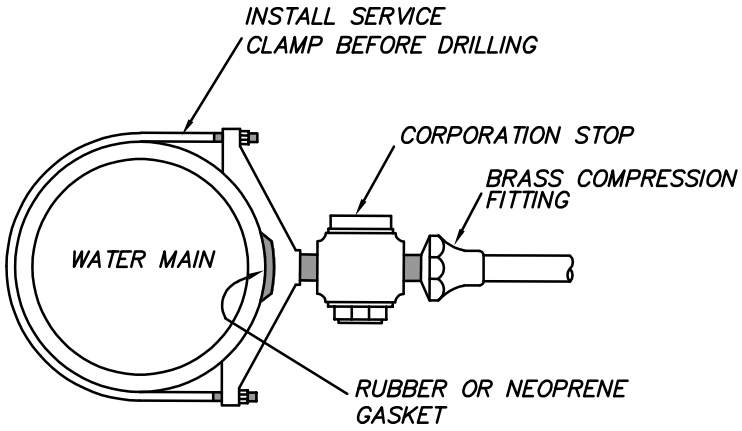


ALL EXPOSED METAL MUST BE COATED AND WRAPPED. POLYETHYLENE WRAP TO BE USED ON ALL DUCTILE IRON PIPE AND FITTINGS PER AWWA C105.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			TEMPORARY FLUSH ASSEMBLY	DRAWING NO. U–11.2	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1



SERVICE TAP



NOTES:

1. CORPORATION STOP, CURB STOP, (GATE VALVE 4" OR LARGER) AND SERVICE LINE TO BE SAME SIZE.
2. SERVICE CLAMPS SHALL BE DOUBLE STRAP FOR ALL SERVICE TAP SIZES, EXCEPT WHERE SIZE OF TAP EXCEEDS MANUFACTURER'S RECOMMENDED LIMIT FOR SIZE OF MAIN.
3. TAPS SHALL BE STAGGERED AND PLACED A MINIMUM OF 12" APART FOR DUCTILE IRON PIPE. TAPS SHALL BE STAGGERED AND PLACED A MINIMUM OF 18" APART FOR C900. NO TAPS SHALL BE CLOSER THAN 2 FEET FROM THE ENDS OF PIPE.
4. ALL JOINT FITTINGS SHALL BE OF BRASS COMPRESSION TYPE.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			WATER SERVICE CONNECTION	DRAWING NO. U-12.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1

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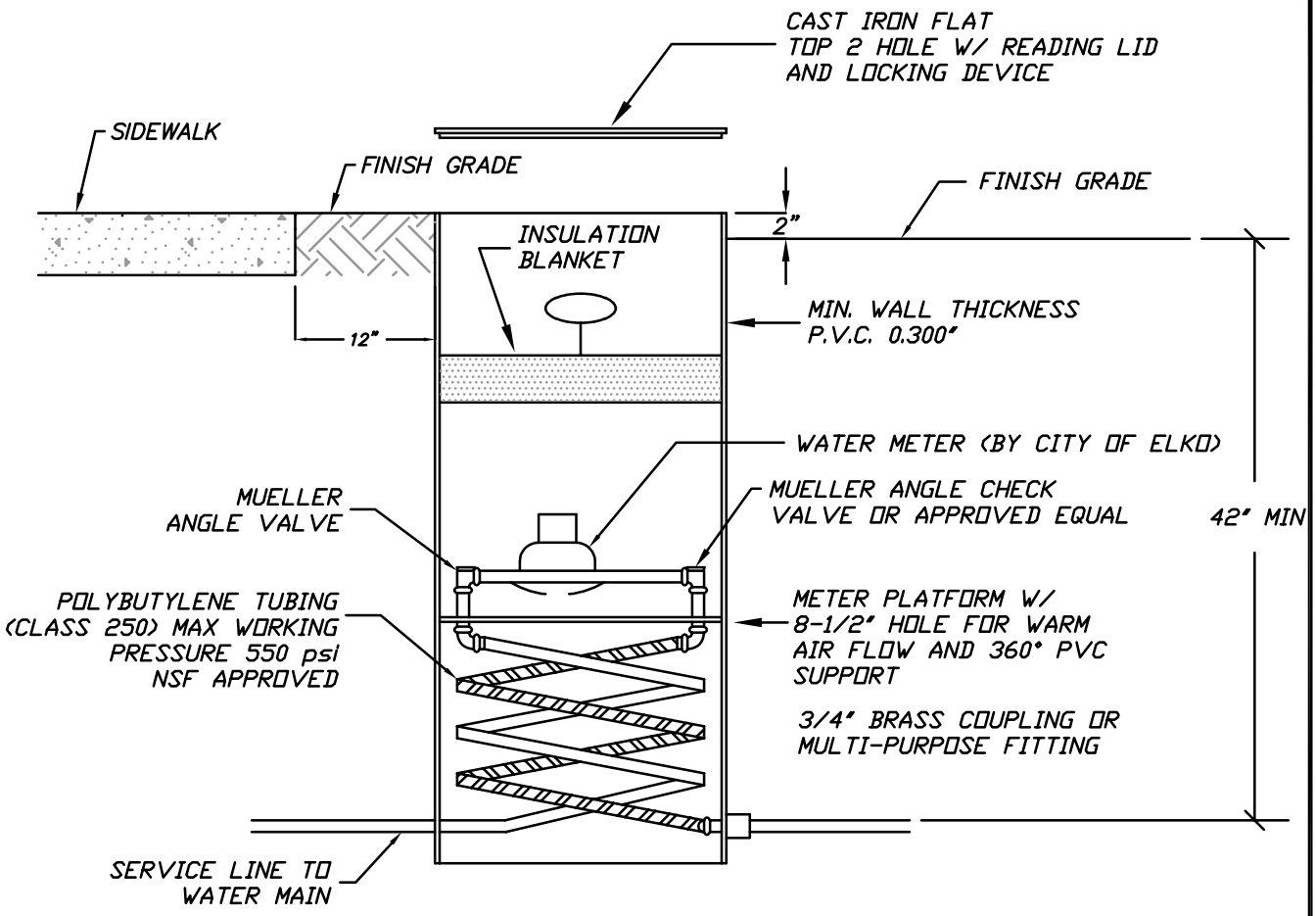
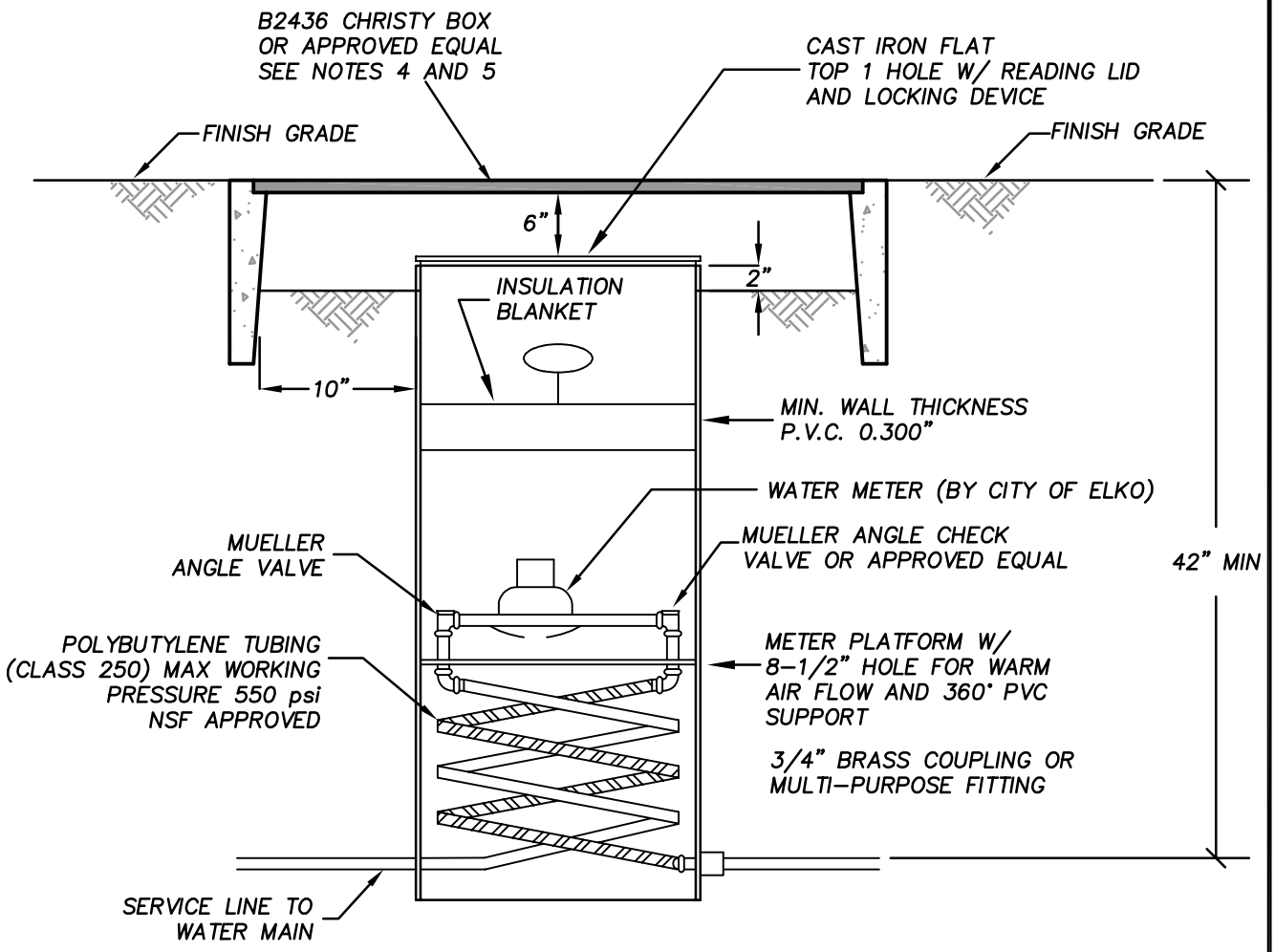


NOTES:

1. 4' WATER METER BOX SHALL BE MUELLER / McCULLOUGH THERMA-COIL METER BOX.
2. NO MORE THAN ONE EXTENSION ALLOWED.
3. LOCATE WATER METER 1 FT. BEHIND BACK OF SIDEWALK.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			3/4" & 1" WATER METER	DRAWING NO. U-13.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



3/4" & 1" WATER METER BOX
WITH TRAFFIC RATED BOX

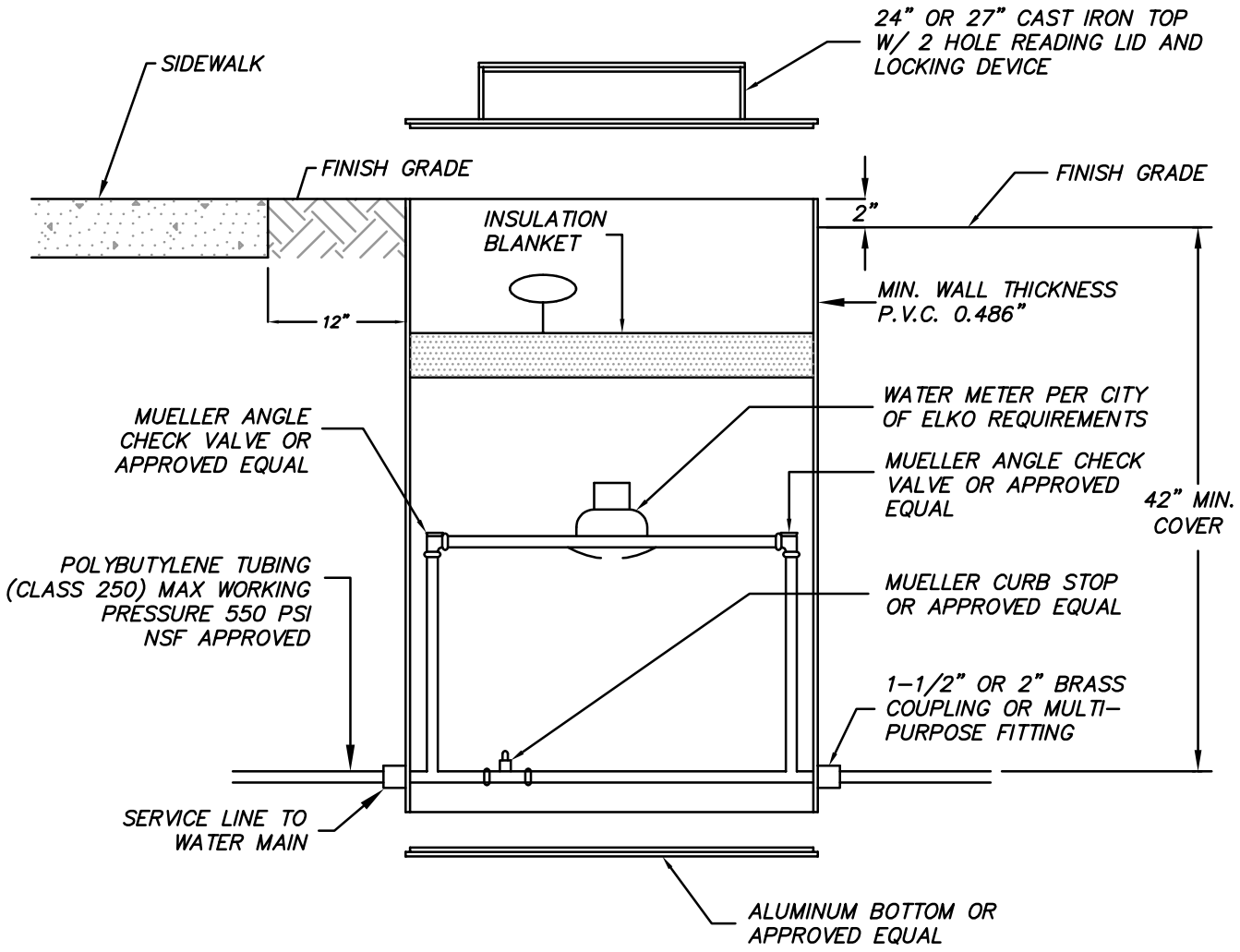
NOTES:

1. 4' WATER METER BOX SHALL BE MUELLER / McCULLOUGH THERMA-COIL METER BOX.
2. NO MORE THAN ONE EXTENSION ALLOWED.
3. LOCATE WATER METER 1 FT. BEHIND BACK OF SIDEWALK.
4. TRAFFIC RATED COVER SHALL BE A TRAFFIC RATED B2436 CHRISTY BOX, OR APPROVED EQUAL, WITH A COVER AND BODY MEETING THE FOLLOWING:

   BODY = MODEL 31"X43" REINFORCED CONCRETE WITH STEEL FRAME.
   COVER = STYLE FLUSH (2 PIECE), MODEL 28"X40" (2 PIECE LID), STEEL CHECKER PLATE

5. BOX SHALL BE ORIENTED WITH THE LONG SIDE IN THE DIRECTION OF THE WATER SERVICE.

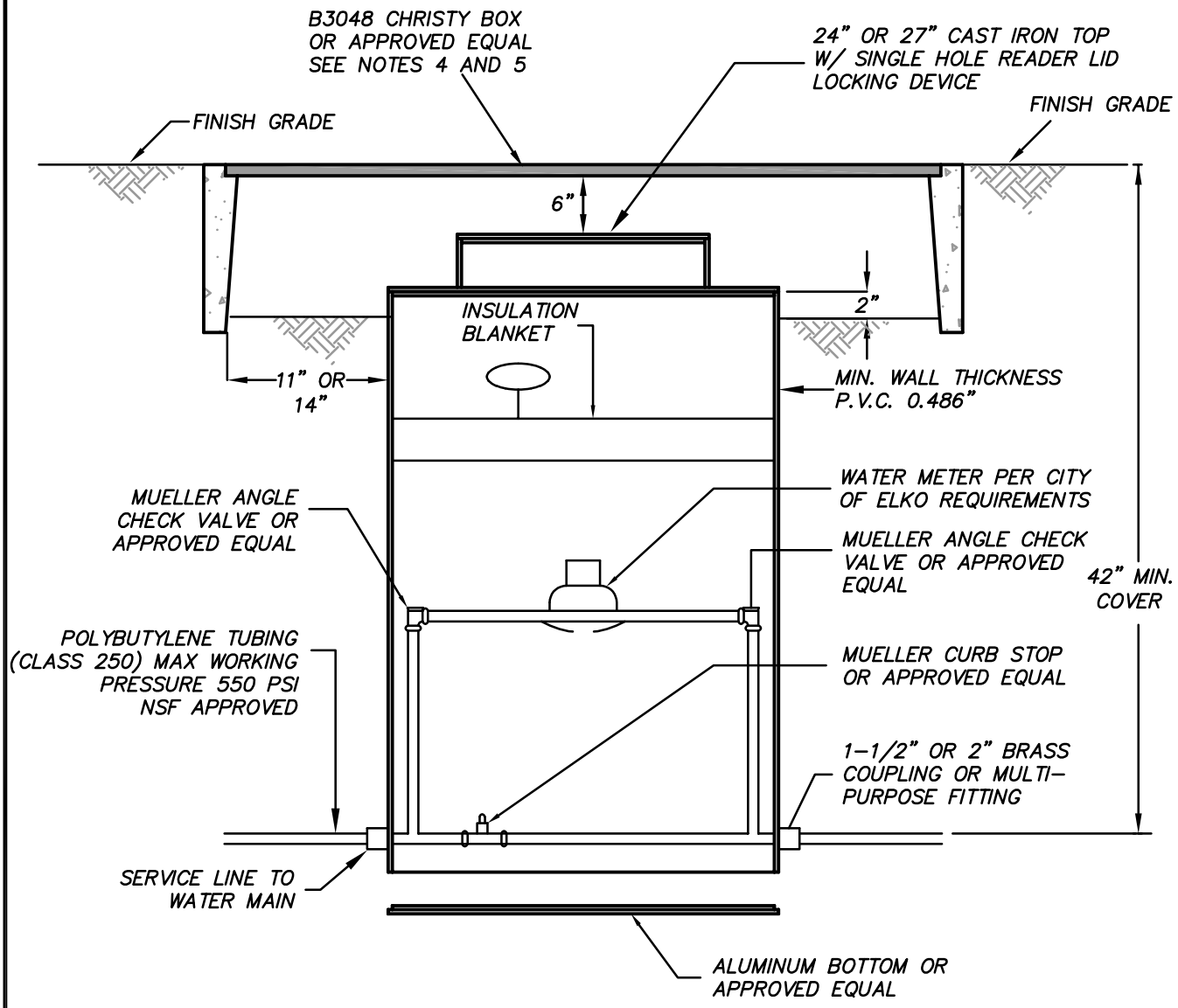
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			3/4" & 1" WATER METER TRAFFIC RATED	DRAWING NO. U-13.2	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



NOTES:

1. WATER METER BOX SHALL BE MUELLER / McCULLOUGH EZ VAULT METER BOX.
2. NO MORE THAN ONE EXTENSION ALLOWED.
2. LOCATE 1 FT. BEHIND BACK OF SIDEWALK.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			1.5" & 2" WATER METER	DRAWING NO. U-14.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1

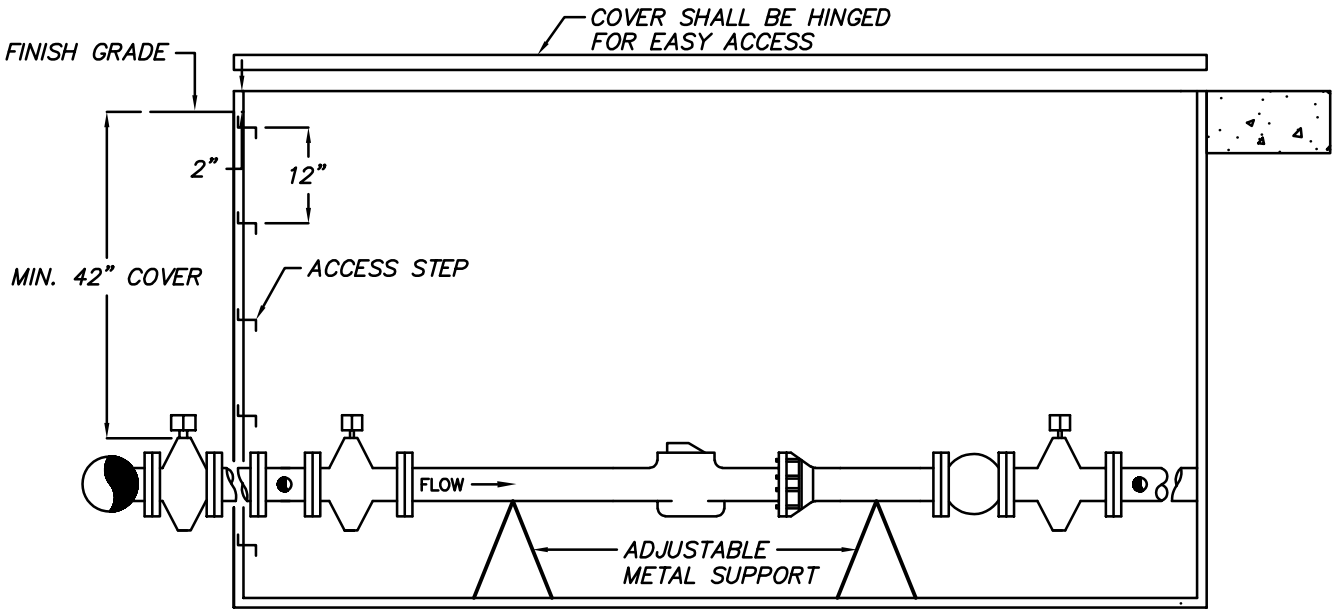


NOTES:

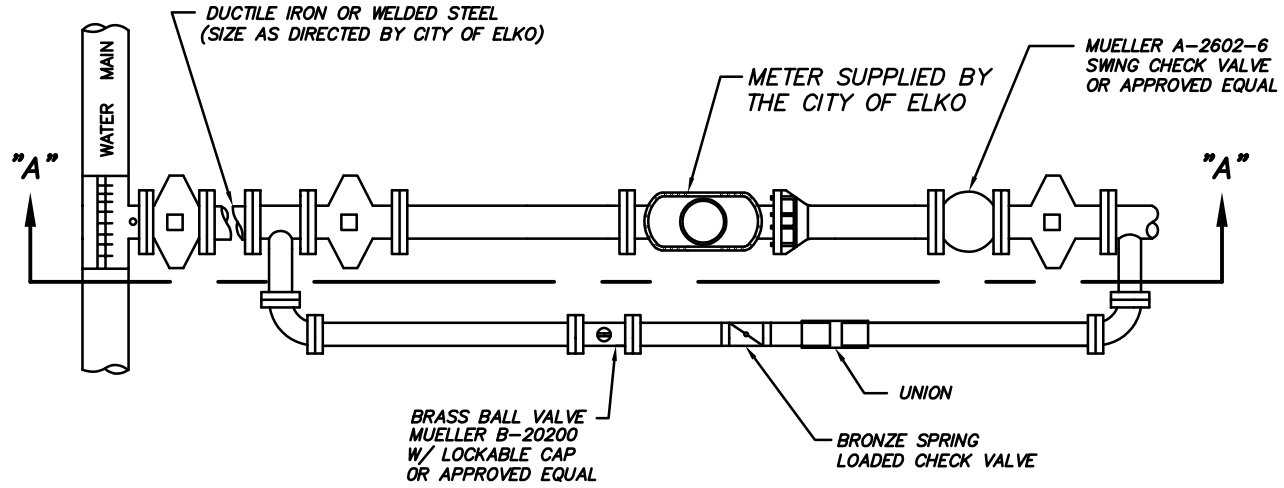
1. WATER METER BOX SHALL BE MUELLER / McCULLOUGH THERMA-COIL METER BOX.
2. NO MORE THAN ONE EXTENSION ALLOWED.
3. LOCATE WATER METER 1 FT. BEHIND BACK OF SIDEWALK.
4. TRAFFIC RATED COVER SHALL BE A TRAFFIC RATED B3048 CHRISTY BOX, OR APPROVED EQUAL, WITH A COVER AND BODY MEETING THE FOLLOWING:

   BODY = MODEL 36"X55" REINFORCED CONCRETE WITH STEEL FRAME.
   COVER = STYLE FLUSH (3 PIECE), MODEL 33"X52" (3 PIECE LID), STEEL CHECKER PLATE
5. BOX SHALL BE ORIENTED WITH THE LONG SIDE IN THE DIRECTION OF THE WATER SERVICE.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			1.5" & 2" WATER METER TRAFFIC RATED	DRAWING NO. U-14.2	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



SECTION A–A

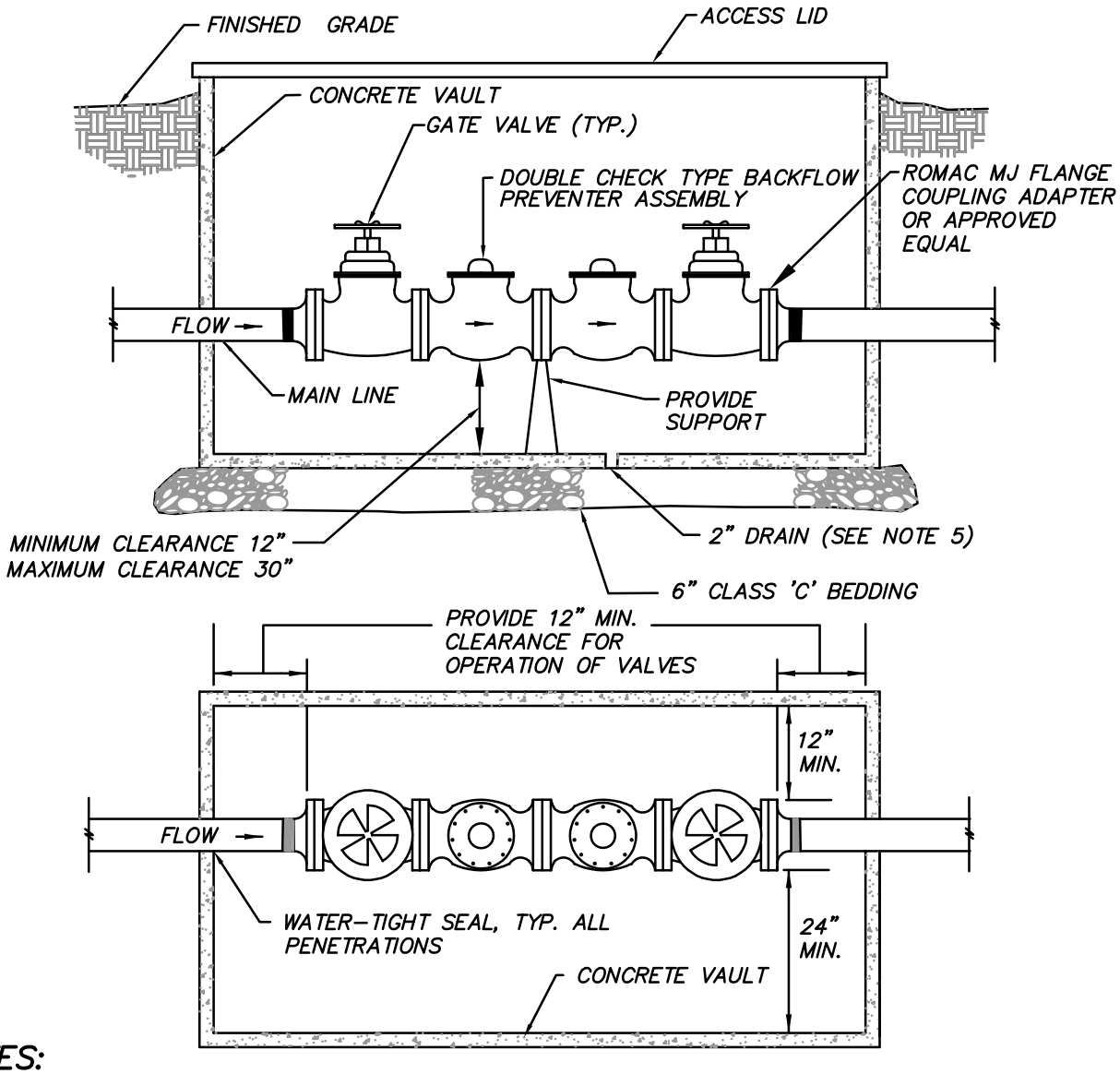


PLAN VIEW

NOTES:

1. A 3" METER SET REQUIRES A 4" GATE VALVE AT THE MAIN.
2. ALL STEEL SHALL BE PRIMED AND WRAPPED (MIN. 10 MILS.).
3. ACCESS STEPS SHALL BE POLYETHYLENE COATED.

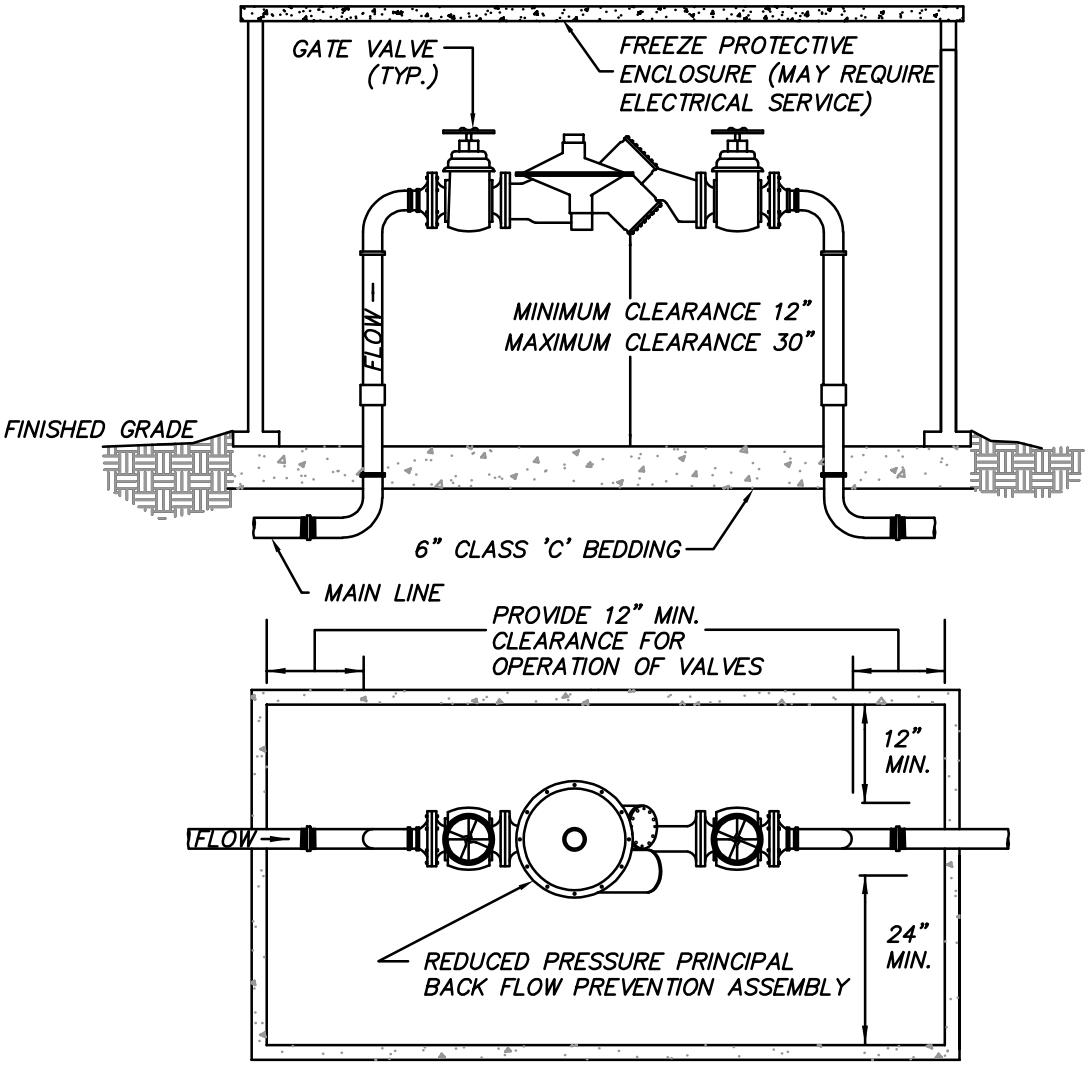
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			3" TO 8" METER SET	DRAWING NO. U–15.1	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1



NOTES:

1. DOUBLE CHECK VALVE BACKFLOW ASSEMBLY SHALL BE APPROVED BY THE CITY OF WELLS UTILITIES & TESTED BY AN APPROVED CERTIFIED BACKFLOW ASSEMBLY TESTER PRIOR TO APPROVAL OF ANY CERTIFICATE OF OCCUPANCY.
2. NO OUTLET TEE, TAP OR CONNECTION BETWEEN SERVICE CONNECTION & BACKFLOW PREVENTION ASSEMBLY.
3. SUPPORTS REQUIRED FOR ASSEMBLIES 2.5" AND LARGER.
4. ELECTRICAL CONDUIT TO BE MOUNTED AND FASTENED ON THE SIDE WALLS OF THE VAULT & SHALL NOT BE MOUNTED SO AS TO OBSTRUCT ACCESS TO MAINTAIN AND TEST ASSEMBLY.
5. WATER TIGHT IN HIGH GROUND WATER AREAS, PLUG DRAIN HOLES.
6. LOCATE DIRECTLY BEHIND WATER METER, ALL OTHER LOCATIONS REQUIRE PRIOR APPROVAL BY CITY OF WELLS UTILITIES DEPARTMENT.
7. BACKFLOW PREVENTER ASSEMBLIES SHALL MEET THE REQUIREMENTS OF NAC 445A.67185-67255.

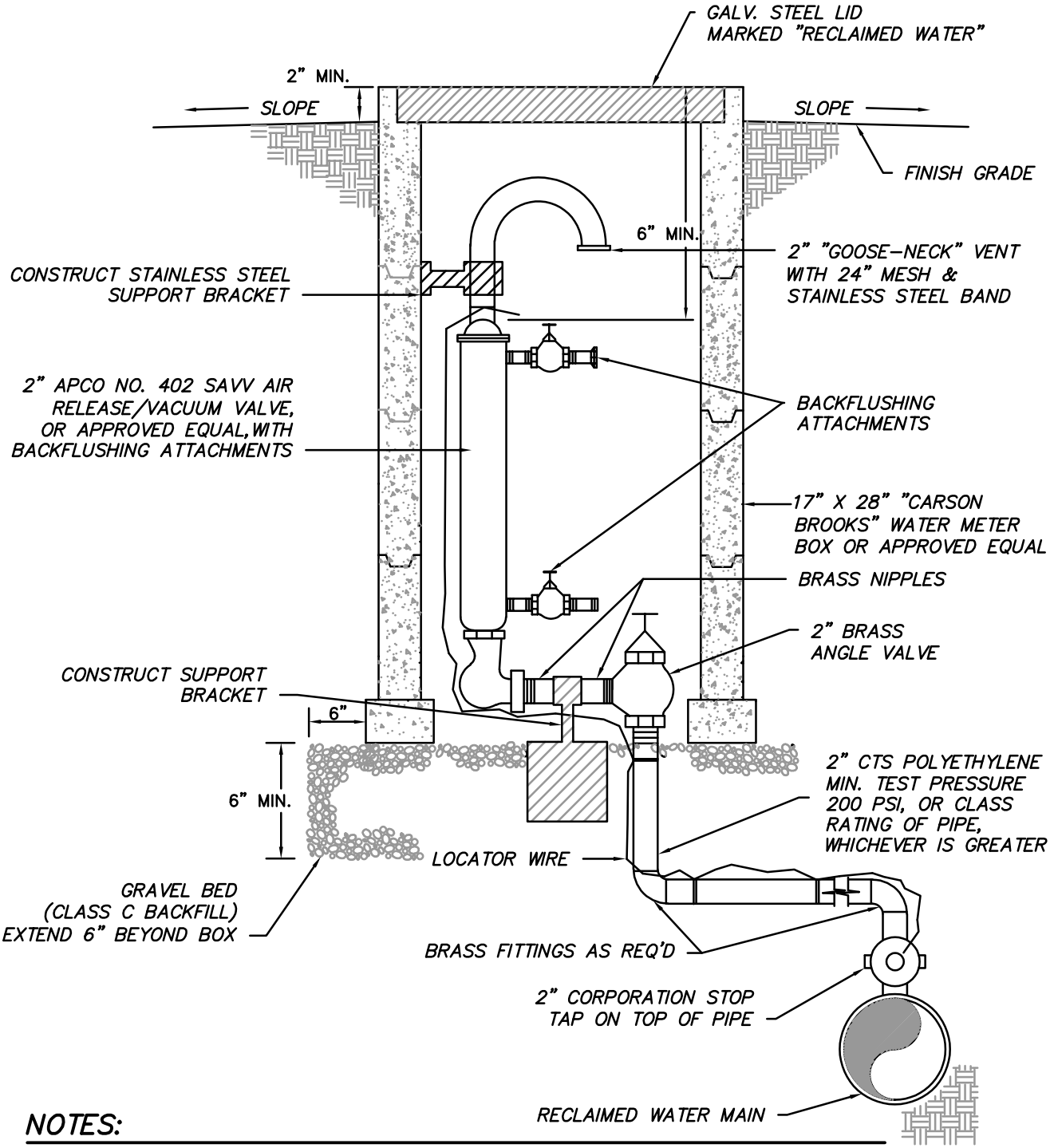
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			BACKFLOW PREVENTER ASSEMBLY (DOUBLE CHECK TYPE)	DRAWING NO. U-16.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



NOTES:

1. REDUCED PRESSURE PRINCIPLE BACKFLOW ASSEMBLY SHALL BE APPROVED BY THE CITY OF WELLS UTILITIES & TESTED BY AN APPROVED CERTIFIED BACKFLOW ASSEMBLY TESTER PRIOR TO APPROVAL OF ANY CERTIFICATE OF OCCUPANCY.
2. NO OUTLET TEE, TAP OR CONNECTION BETWEEN SERVICE CONNECTION & BACKFLOW PREVENTION ASSEMBLY.
3. INSTALL ADEQUATE DRAINAGE, REFER TO RELIEF VALVE DISCHARGE RATE FOR SIZING.
4. SUPPORTS REQUIRED FOR ASSEMBLIES 2.5" AND LARGER.
5. LOCATE DIRECTLY BEHIND WATER METER, ALL OTHER LOCATIONS REQUIRE PRIOR APPROVAL BY WELLS OF ELKO UTILITIES DEPARTMENT.
6. BACKFLOW PREVENTER ASSEMBLIES SHALL MEET THE REQUIREMENTS OF NAC 445A.67185–67255.
7. OUTDOOR INSTALLATION IS PROHIBITED UNLESS APPROVED BY THE CITY OF WELLS UTILITIES DEPT.

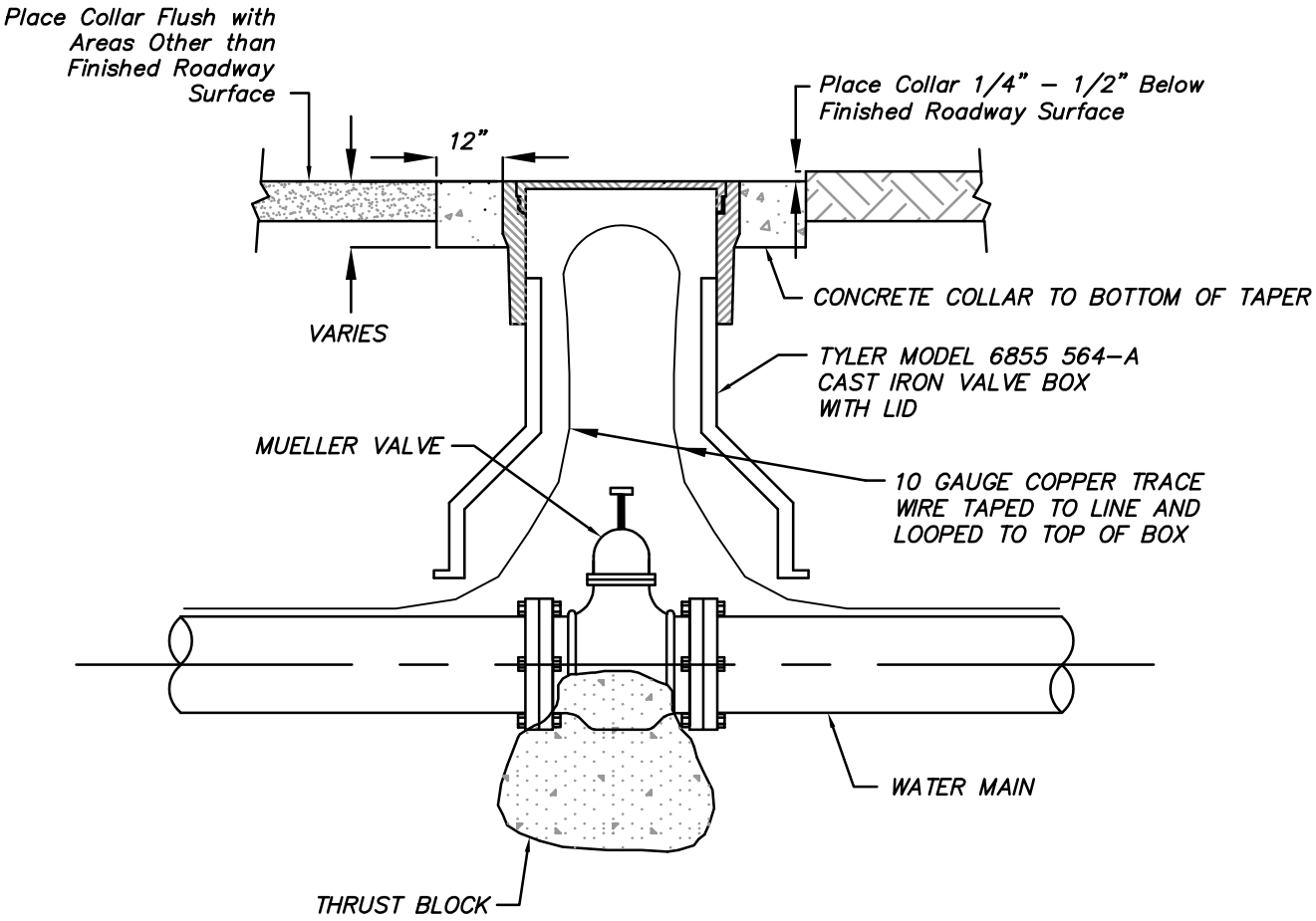
NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			BACKFLOW PREVENTER ASSEMBLY (REDUCED PRESSURE TYPE)	DRAWING NO. U–17.1	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1



NOTES:

1. AIR RELEASE VALVES SHALL BE INSTALLED OUTSIDE PAVEMENT SECTION. SLOPE GROUND AWAY FROM VALVE BOX OR CURBING TO PROTECT FROM FLOODING OF SURFACE WATERS.
2. ALL PIPES SHALL HAVE POSITIVE SLOPE FROM MAIN LINE TO AIR/VACUUM VALVE.
3. SPECIAL CONDITIONS REQUIRE SPECIAL SIZING.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION	
			RECLAIMED WATER AIR / VACUUM	UTILITIES	
				DRAWING NO. U-18.1	
			CITY OF WELLS, NEVADA	DATE 9-23-25	PAGE 1



NOTES:

1. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 337.10 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, UNLESS OTHERWISE SPECIFIED.
2. VALVE COLLAR SHALL BE SET ¼" TO ½" BELOW FINISHED CONCRETE OR BITUMINOUS SURFACE. VALVE COLLARS IN ALL OTHER AREAS SHALL BE SET FLUSH WITH FINISHED GRADE, UNLESS OTHERWISE SPECIFIED.
3. CONCRETE COLLAR REQUIRED WHEN VALVE IS NOT LOCATED IN CONCRETE OR BITUMINOUS SURFACE.
4. ALL EXPOSED METAL MUST BE COATED AND WRAPPED. POLYETHYLENE WRAP TO BE USED ON ALL DUCTILE IRON PIPE AND FITTINGS PER AWWA C105.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION UTILITIES	
			VALVE DETAIL	DRAWING NO. U–19.1	
			CITY OF WELLS, NEVADA	DATE 9–23–25	PAGE 1