

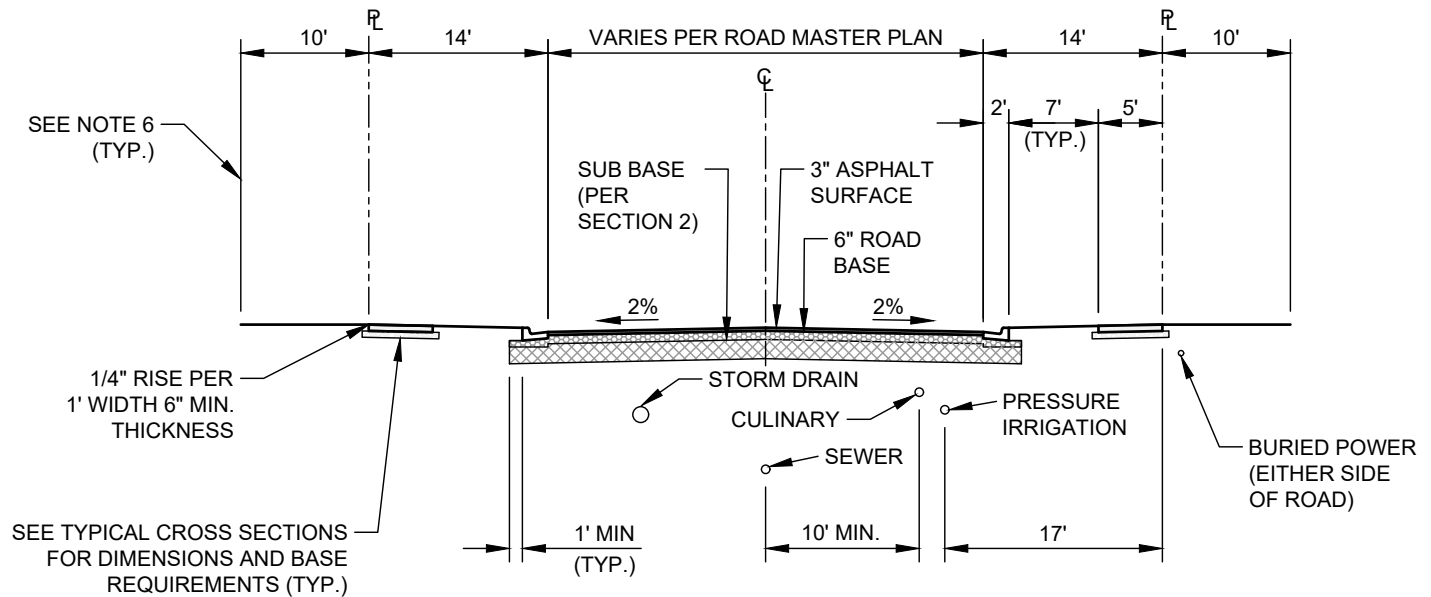
LEHI CITY

LEHI CITY STANDARD DETAIL

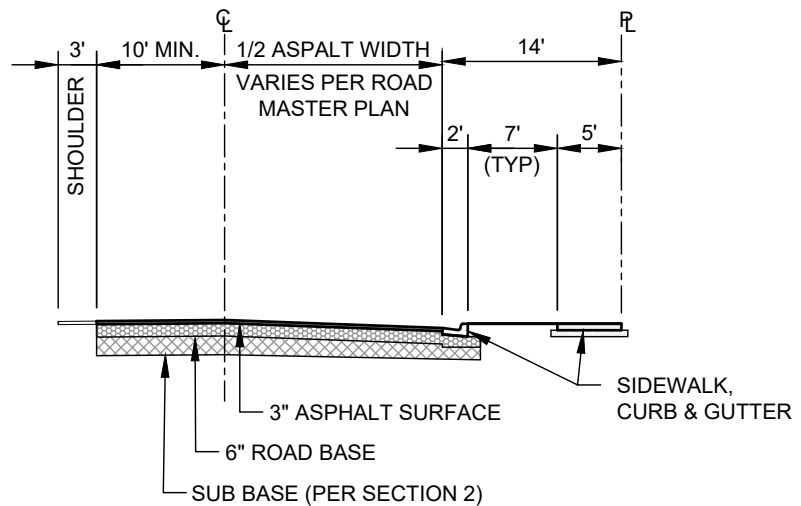
**STREET INTERSECTION
& UTILITY LOCATION**

RD-01

DATE:
JANUARY 2022



STANDARD STREET SECTION



HALF WIDTH STREET SECTION

NOTES:

1. VARIANCES TO THE UTILITY LOCATIONS OR CROSS SECTION SHOWN MUST BE APPROVED BY LEHI CITY.
2. SLOPE EASEMENTS REQUIRED FOR CUT OR FILL SLOPES WHICH EXTEND OUTSIDE RIGHT-OF-WAY.
3. SELECT GRAVEL SUBBASE AS REQUIRED BY SECTION 2.
4. FIRE HYDRANTS, BLOWOFFS, MAIL BOXES, ETC. MUST BE PLACED IN PLANTER STRIP OR FOR ROADWAYS WITHOUT PLANTERS, THESE ITEMS MUST BE PLACED BEHIND BACK OF SIDEWALK AS PER APPROPRIATE STANDARD DETAILS.
5. CURB AND SIDEWALK SHALL REMAIN UNOBSTRUCTED.
6. 10' PUBLIC UTILITY AND ROADWAY CONSTRUCTION EASEMENT.
7. REQUIREMENTS FOR SIDEWALK MAY BE WAIVED FOR DEVELOPMENTS WITHIN LIGHT INDUSTRIAL OR INDUSTRIAL ZONING DISTRICTS OR WITHIN NON-RESENTIAL P.U.D.'S AS DEEMED APPROPRIATE BY THE DEVELOPMENT REVIEW COMMITTEE AND PLANNING COMMISSION.



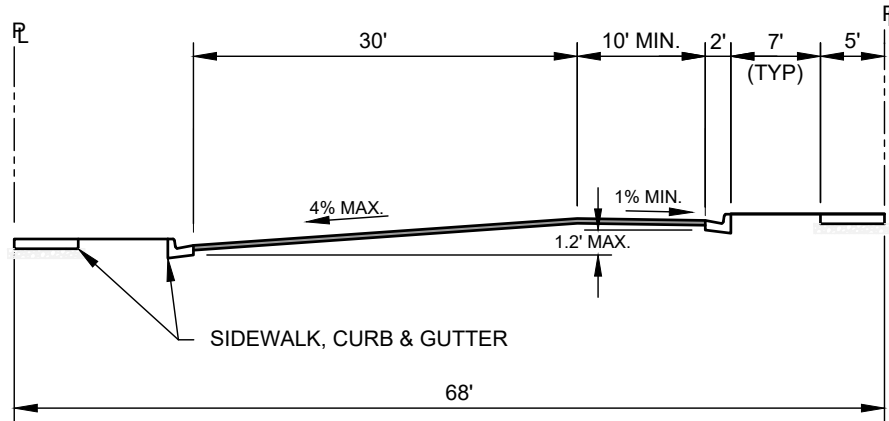
LEHI CITY

LEHI CITY STANDARD DETAIL

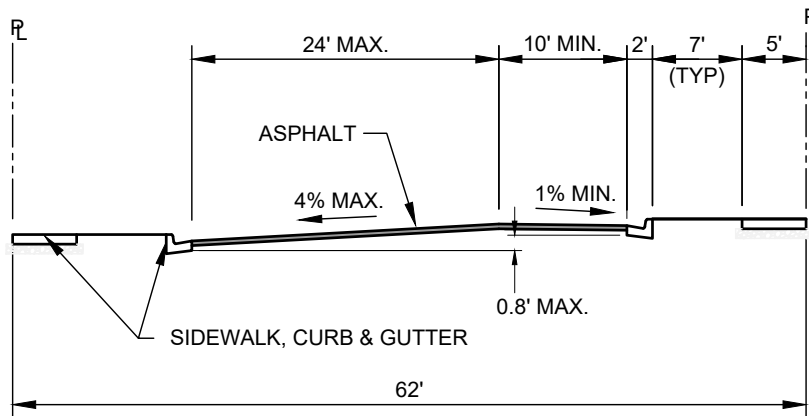
**STANDARD STREET
CROSS SECTION &
UTILITY LOCATIONS**

RD-02

DATE:
JANUARY 2022



COLLECTOR ROAD



MINOR STREET



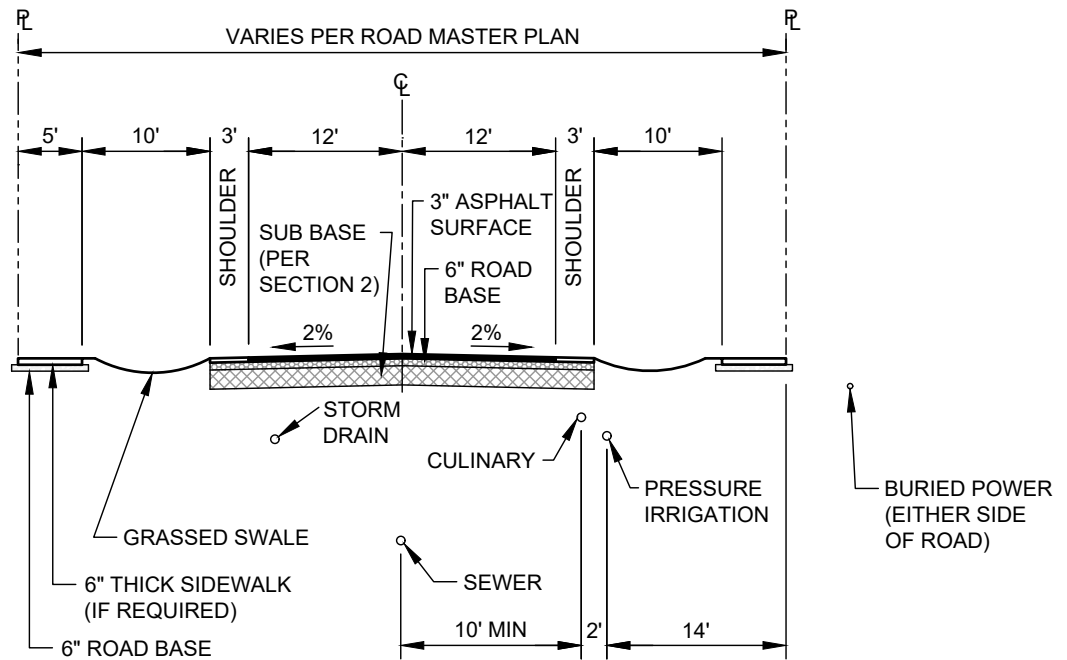
LEHI CITY

LEHI CITY STANDARD DETAIL

**CURBS AT
UNEQUAL ELEVATIONS**

RD-03

DATE:
JANUARY 2022



RURAL STREET SECTION



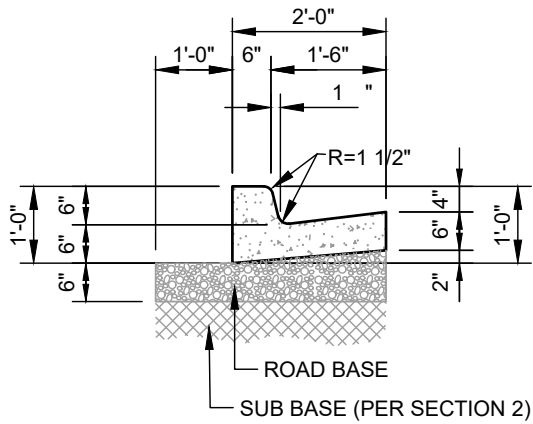
LEHI CITY

LEHI CITY STANDARD DETAIL

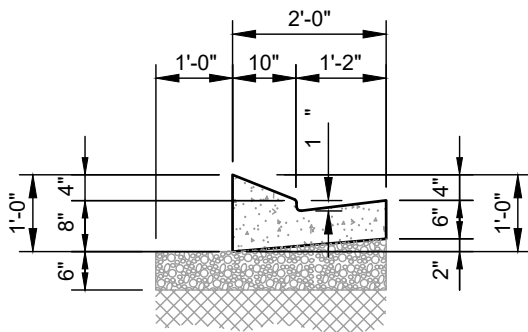
**RURAL STREET CROSS
SECTION AND UTILITY
LOCATIONS**

RD-04

DATE:
JANUARY 2022



HIGH BACK CURB & GUTTER



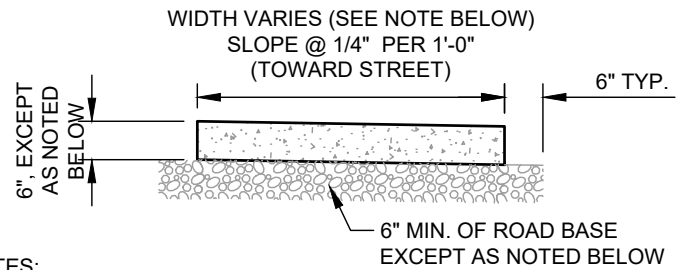
NOTES:

1. THIS CROSS SECTION IS ONLY FOR COMMERCIAL, INDUSTRIAL ZONES AND TEMPORARY TURNAROUNDS.
2. THE USE OF THIS CROSS SECTION IS SUBJECT TO APPROVAL OF THE CITY ENGINEER

MODIFIED CURB & GUTTER (MOUNTABLE TYPE)

GENERAL NOTES:

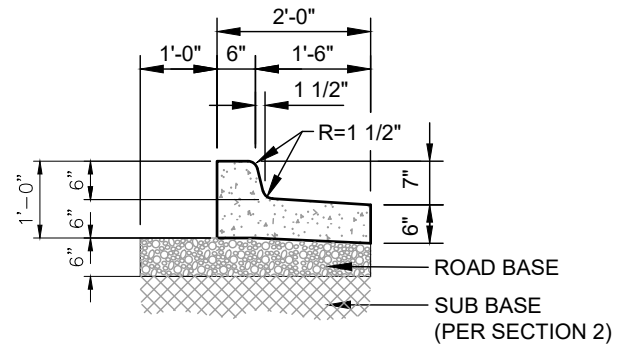
1. PLACE EXPANSION JOINTS (JOINT FILLER MATERIAL) EVERY 50' ALONG CURB, GUTTER & SIDEWALK SECTIONS. JOINTS TO BE PLACED THE FULL DEPTH OF CONCRETE PLUS 1", FLUSH WITH TOP OF CONCRETE.
2. CONTRACTION JOINTS ALONG CURB & GUTTER SECTIONS SHOULD BE PLACED AT INTERVALS NOT TO EXCEED 10'.
3. CONTRACTION JOINTS ALONG SIDEWALK SECTIONS SHOULD BE PLACED AT INTERVALS MATCHING THE SIDEWALK WIDTH, EXCEPT WITH VERY WIDE CONCRETE SECTIONS WHERE CONTRACTION JOINT SPACING SHALL NOT EXCEED 2 TIMES THE SLAB THICKNESS IN FEET. FOR EXAMPLE THE MAXIMUM JOINT SPACING FOR A 4" THICK CONCRETE SLAB WOULD BE 8 FEET.
4. WHEN CURB, GUTTER OR SIDEWALK MUST BE REMOVED & REPLACED, FOLLOW WRITTEN GUIDELINES IN SECTION 5.



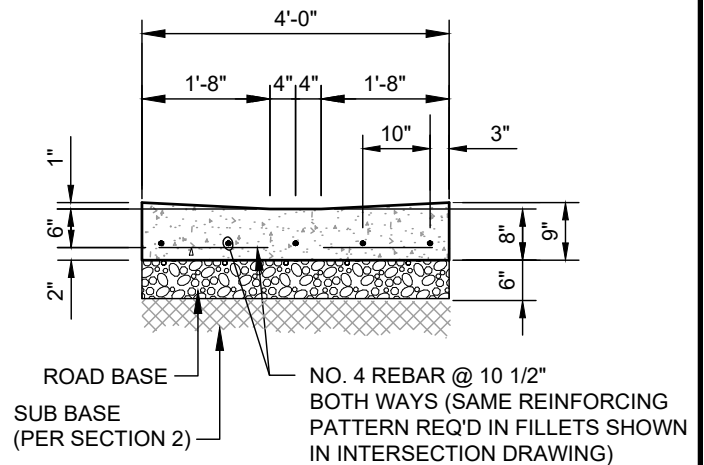
NOTES:

1. 5' SIDEWALK WIDTH WHEN USED IN CONJUNCTION WITH PLANTER. 5' SIDEWALK WIDTH AGAINST CURB & GUTTER. 6' SIDEWALK WIDTH WHEN USED AGAINST A CURB & GUTTER WITHIN A PARKING LOT.
2. SIDEWALK THICKNESS MAY BE 5" AND ROAD BASE THICKNESS 4" OUTSIDE OF SUBDIVISIONS IN AREA WITH NO ACCESSES AS APPROVED BY THE REVIEWING DEPARTMENTS.

SIDEWALK



REVERSE SLOPE CURB & GUTTER



4' DRAIN GUTTER



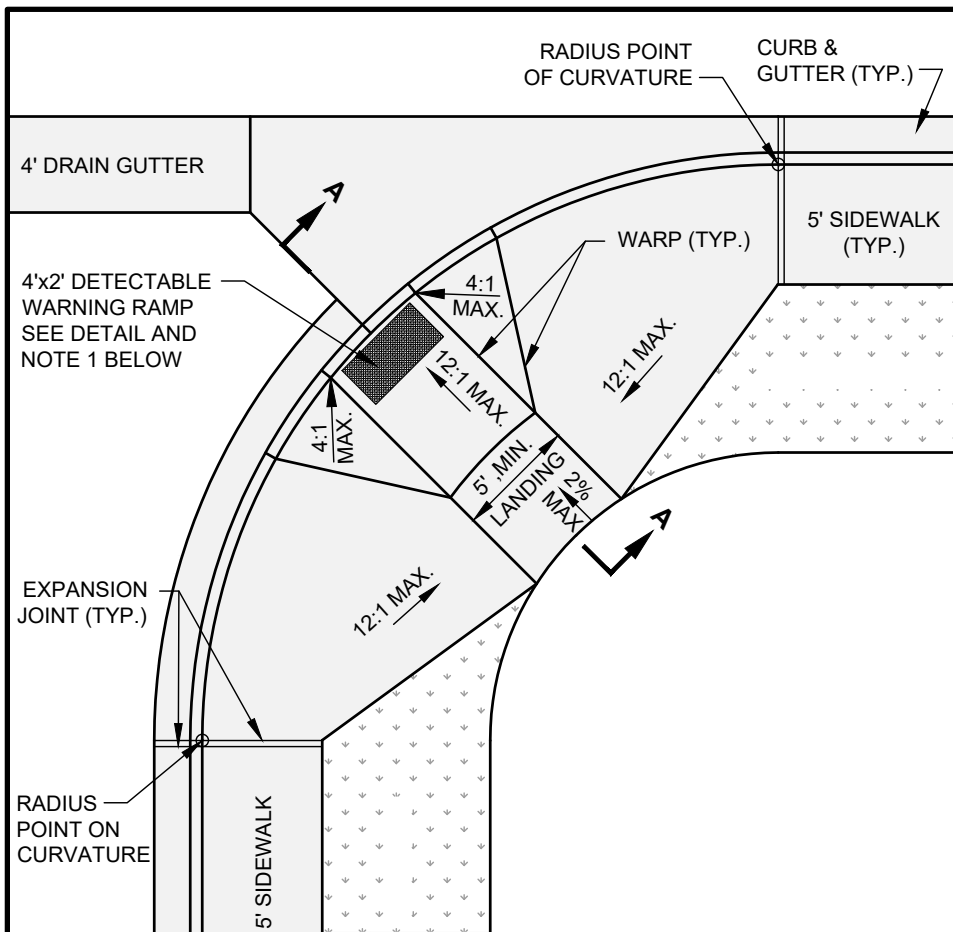
LEHI CITY

LEHI CITY STANDARD DETAIL

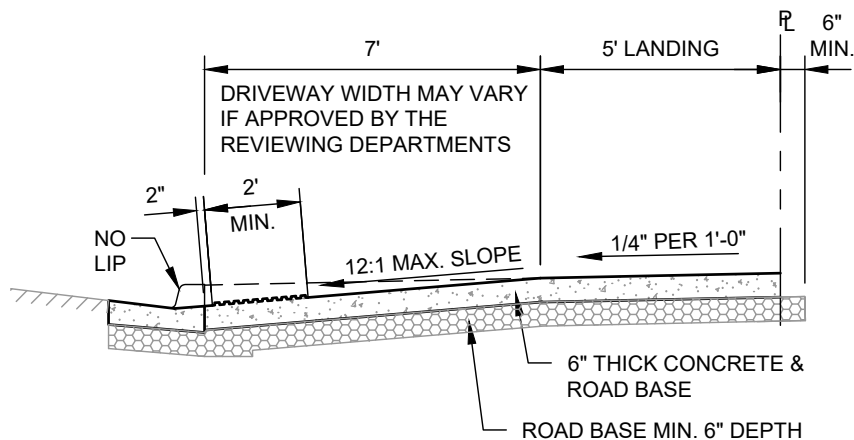
**CURB, GUTTER
AND SIDEWALK**

RD-05

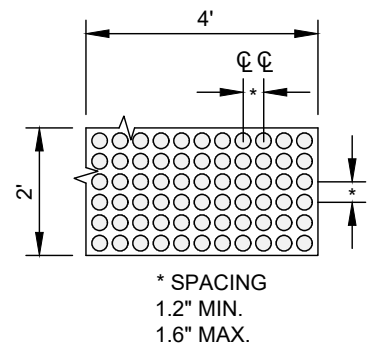
DATE:
JANUARY 2022



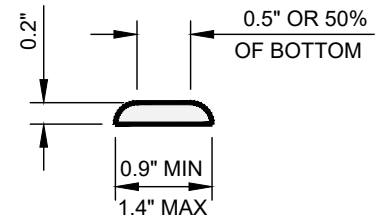
PLAN VIEW



SECTION A-A



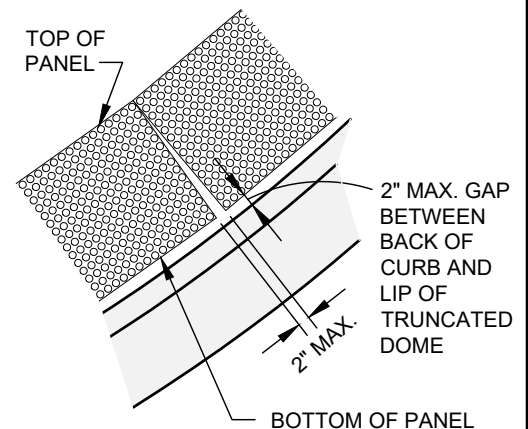
DETECTABLE RAMP DETAIL



RAISED TRUNCATED DOME DETAIL

PUBLIC WORKS DEPARTMENT MUST APPROVE TYPES AND COLOR OF DETECTABLE WARNING DEVICES USED.

DETECTABLE WARNING DETAILS



DETECTABLE WARNING SURFACE PANEL GAP DETAIL

GENERAL NOTES:

1. ROAD/FIELD GRADES MAY REQUIRE ADJUSTMENT AS PER APPROVAL BY PUBLIC WORKS DEPARTMENT
2. DETECTABLE WARNING SURFACES SHALL EXTEND (24 IN) MINIMUM IN THE DIRECTION OF TRAVEL AND THE FULL WIDTH OF THE CURB RAMP (EXCLUSIVE OF FLARES), THE LANDING, OR THE BLENDED TRANSITION.



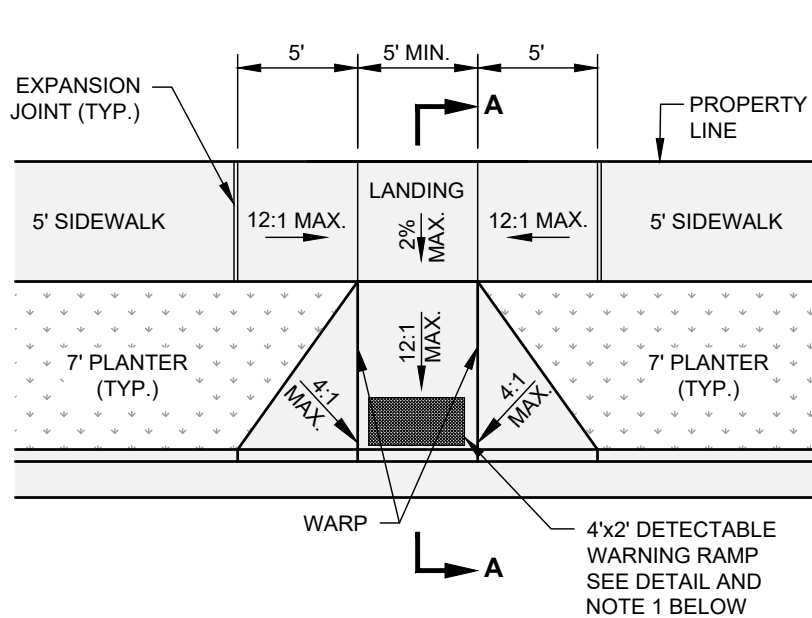
LEHI CITY

LEHI CITY STANDARD DETAIL

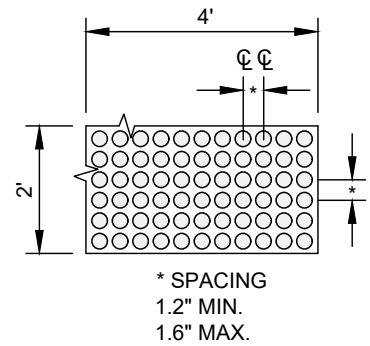
ADA RAMP COMBINATION CURB, GUTTER & SIDEWALK (AT INTERSECTION)

RD-07

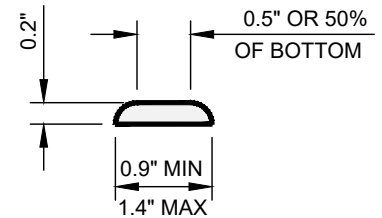
DATE:
JANUARY 2022



PLAN VIEW

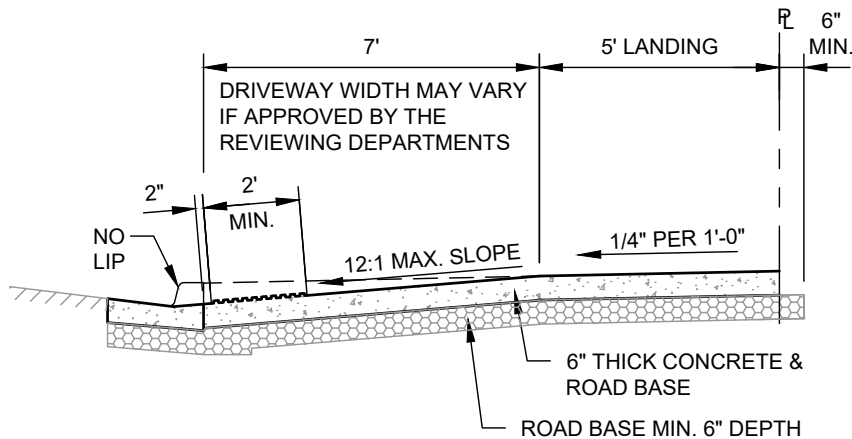


DETECTABLE RAMP DETAIL

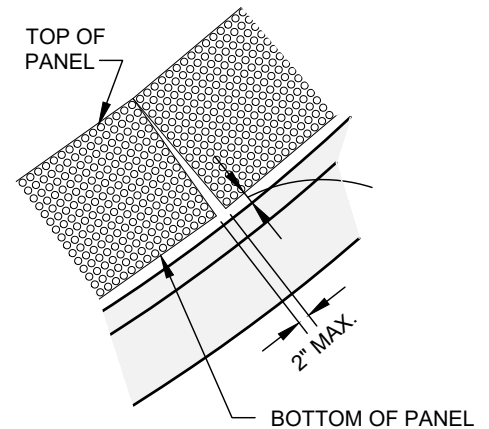


PUBLIC WORKS DEPARTMENT MUST APPROVE TYPES AND COLOR OF DETECTABLE WARNING DEVICES USED.

DETECTABLE WARNING DETAILS



SECTION A-A



DETECTABLE WARNING SURFACE PANEL GAP DETAIL

GENERAL NOTES:

1. ROAD/FIELD GRADES MAY REQUIRE ADJUSTMENT AS PER APPROVAL BY PUBLIC WORKS DEPARTMENT
2. DETECTABLE WARNING SURFACES SHALL EXTEND (24 IN) MINIMUM IN THE DIRECTION OF TRAVEL AND THE FULL WIDTH OF THE CURB RAMP (EXCLUSIVE OF FLARES), THE LANDING, OR THE BLENDED TRANSITION.



LEHI CITY

LEHI CITY STANDARD DETAIL

**ADA RAMP
PLANTER STRIP
(MID BLOCK)**

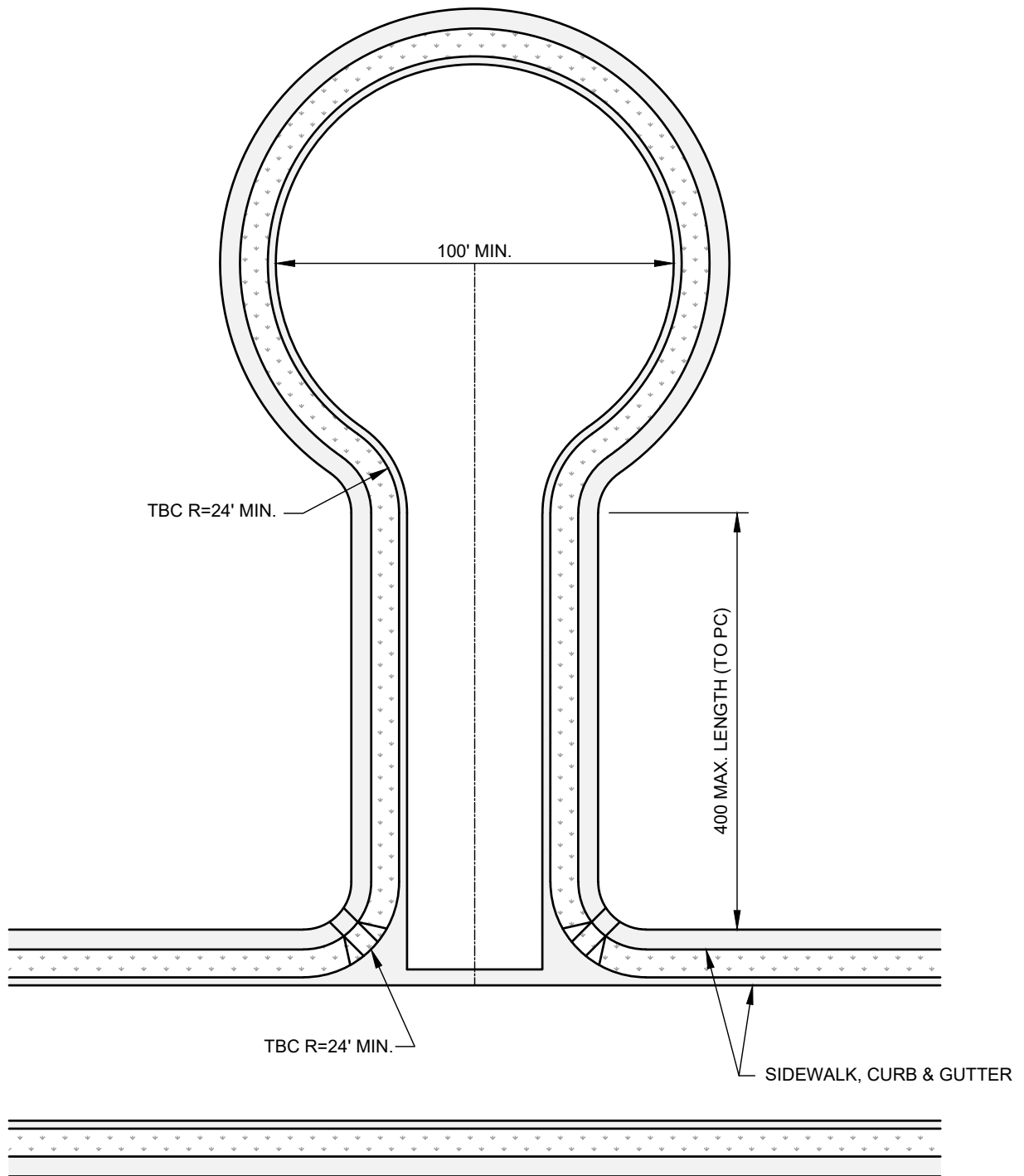
RD-09

DATE:
JANUARY 2022

DATE:
JANUARY 2022



DATE:
JANUARY 2022



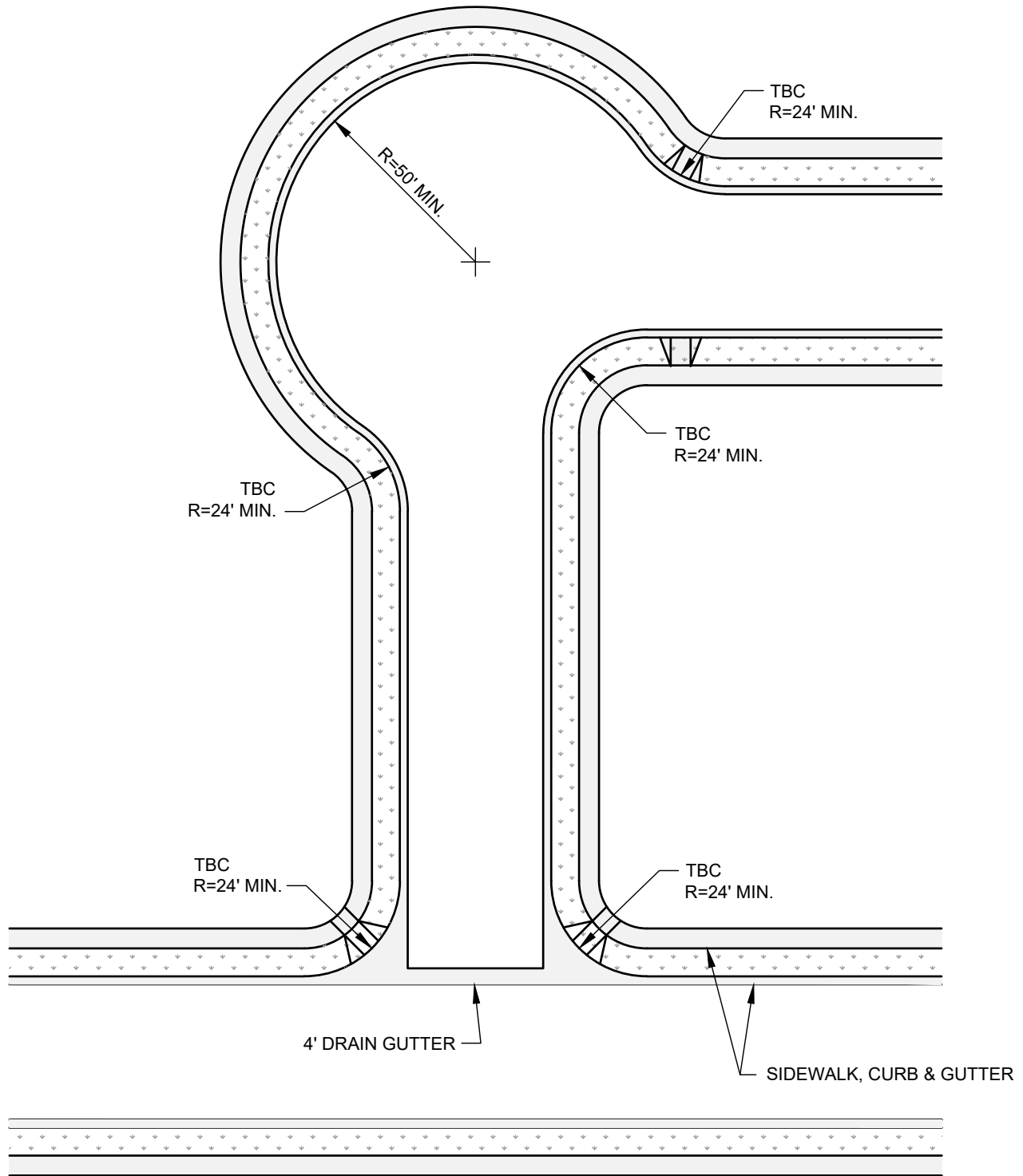
LEHI CITY

LEHI CITY STANDARD DETAIL

CUL-DE-SAC

RD-12

DATE:
JANUARY 2022



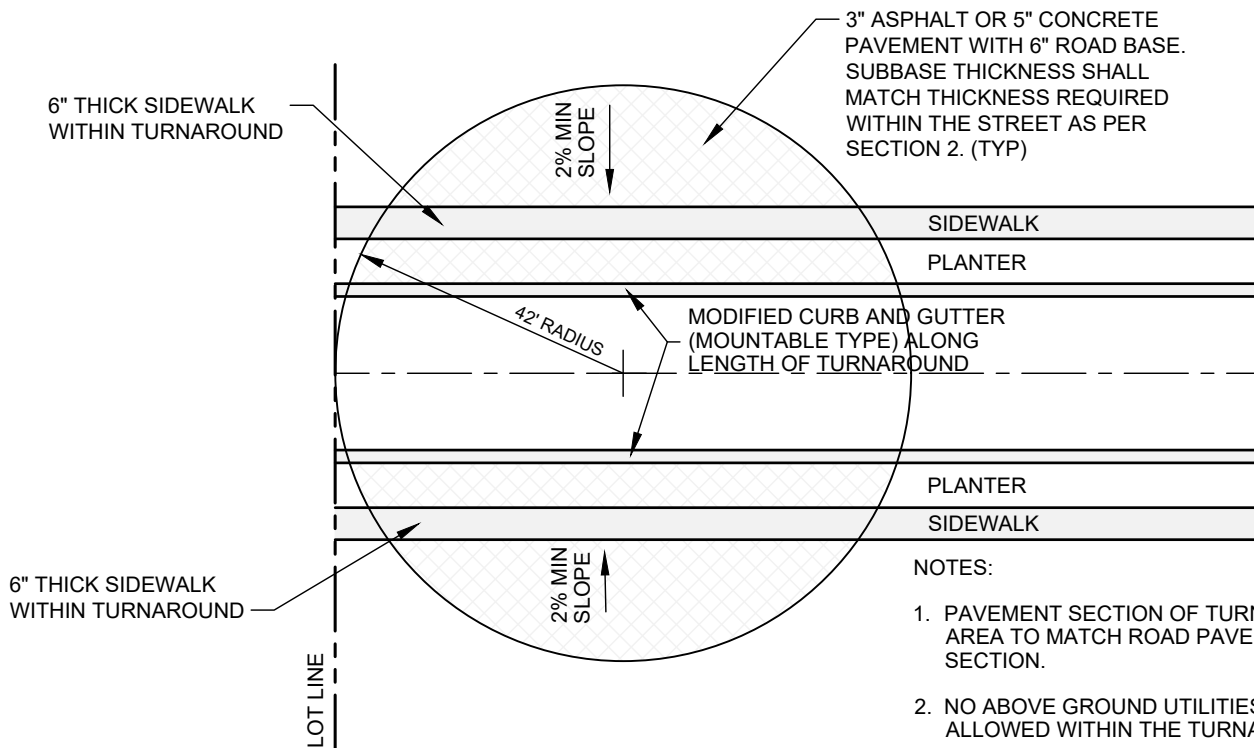
LEHI CITY

LEHI CITY STANDARD DETAIL

KNUCKLE

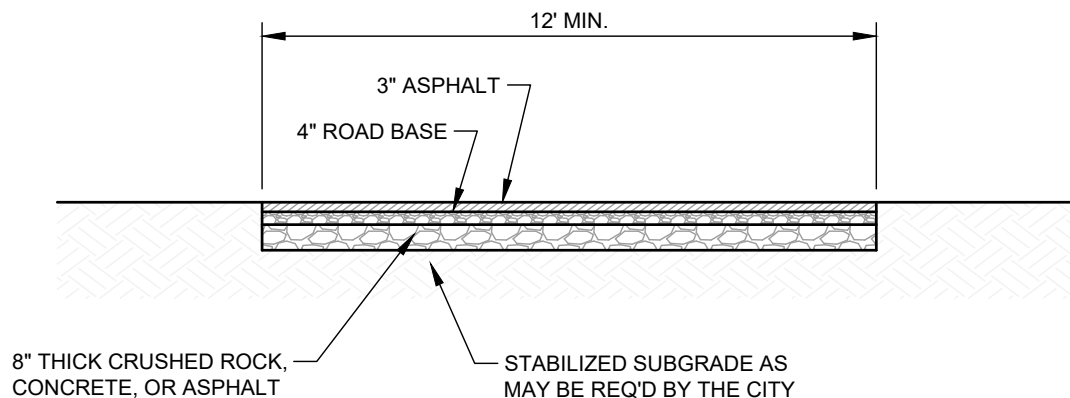
RD-13

DATE:
JANUARY 2022

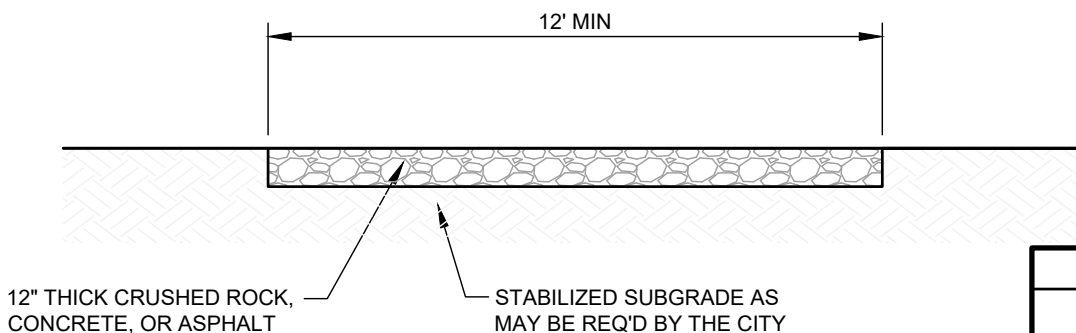


NOTES:

1. PAVEMENT SECTION OF TURNAROUND AREA TO MATCH ROAD PAVEMENT SECTION.
2. NO ABOVE GROUND UTILITIES SHALL BE ALLOWED WITHIN THE TURNAROUND.
3. A TEMPORARY EASEMENT SHALL BE PROVIDED FOR AREA OUTSIDE OF THE CITY STREET RIGHT-OF-WAY.
4. NO PARKING SIGNS REQUIRED. 3 SIGNS LOCATED AS PER FIRE MARSHAL REVIEW.



MAINTENANCE ACCESS WITH ASPHALT TRAIL ABOVE



ALL WEATHER ACCESS



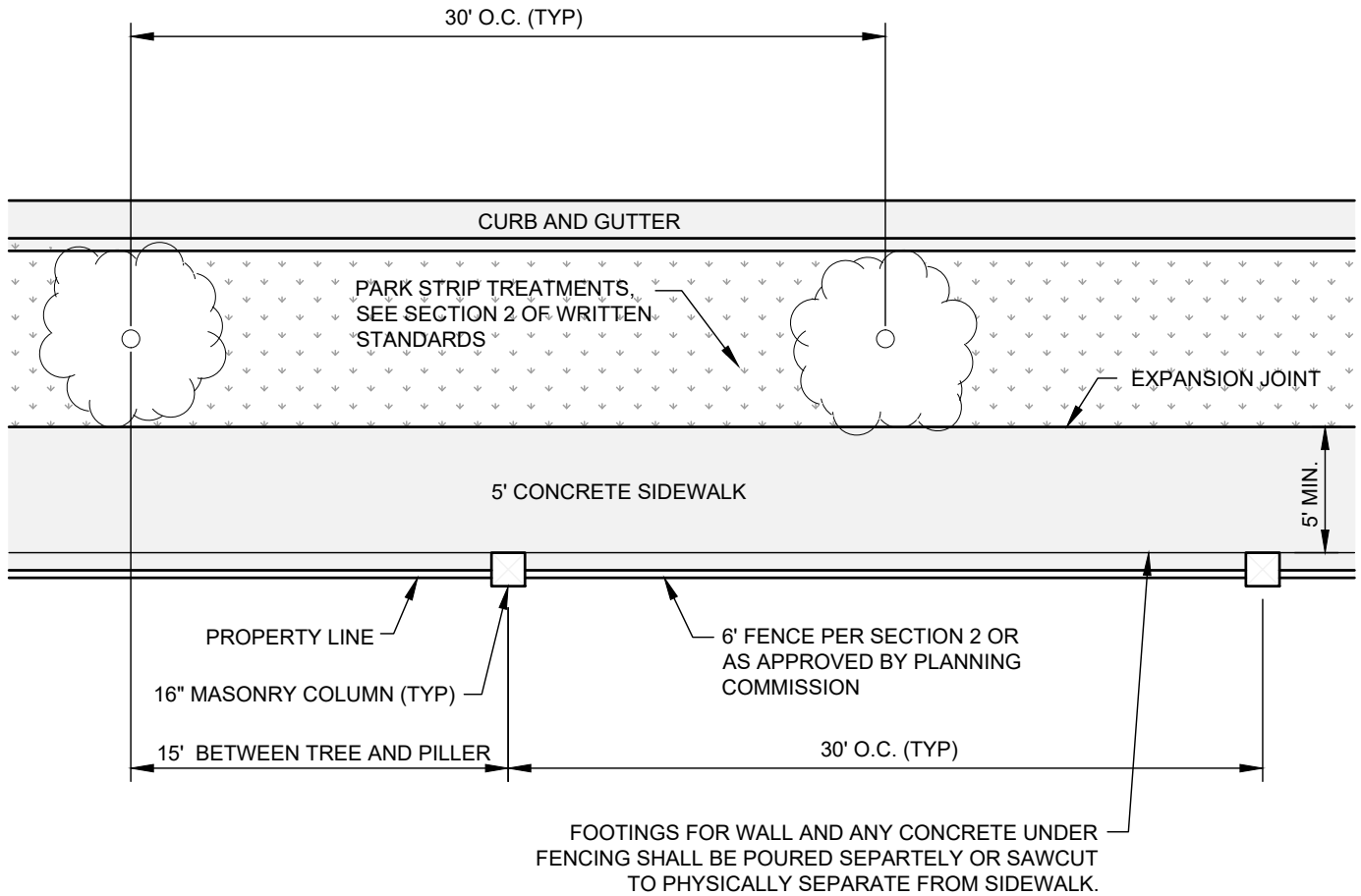
LEHI CITY

LEHI CITY STANDARD DETAIL

**TEMPORARY
TURNAROUND AND
ACCESS ROADS**

RD-14

DATE:
JANUARY 2022



NOTES:

1. TREES IN THE PLANTER AREA SHALL BE OF A SPECIES THAT WILL NOT CAUSE ROOT DAMAGE TO CURB, GUTTER, SIDEWALK, OR ROADWAY PAVEMENT AND WILL NOT OBSTRUCT ROADWAY VISION. (TREE SPECIES TO BE APPROVED BY LEHI CITY PARKS MANAGER).
2. PROVIDE DRIP IRRIGATION SYSTEM. INSTALLATION TO BE COORDINATED BY DEVELOPER WITH LEHI CITY.
3. PROVIDE COLUMN FOOTING (30" MIN FROM GROUND SURFACE TO BOTTOM OF FOOTING)
4. TREES MAY BE CLUSTERED IN LIEU OF LINEAR SPACING.
5. IT IS STRONGLY ENCOURAGED IN THE CASE OF A SUBDIVISION WITH DOUBLE FRONTAGE LOTS THAT UP TO SIX (6) FEET OF ADDITIONAL PROPERTY IS DEDICATED AS RIGHT-OF-WAY FOR ADDITIONAL PARKWAY WIDTH. SEE SECTION 2.05 OF WRITTEN STANDARDS.



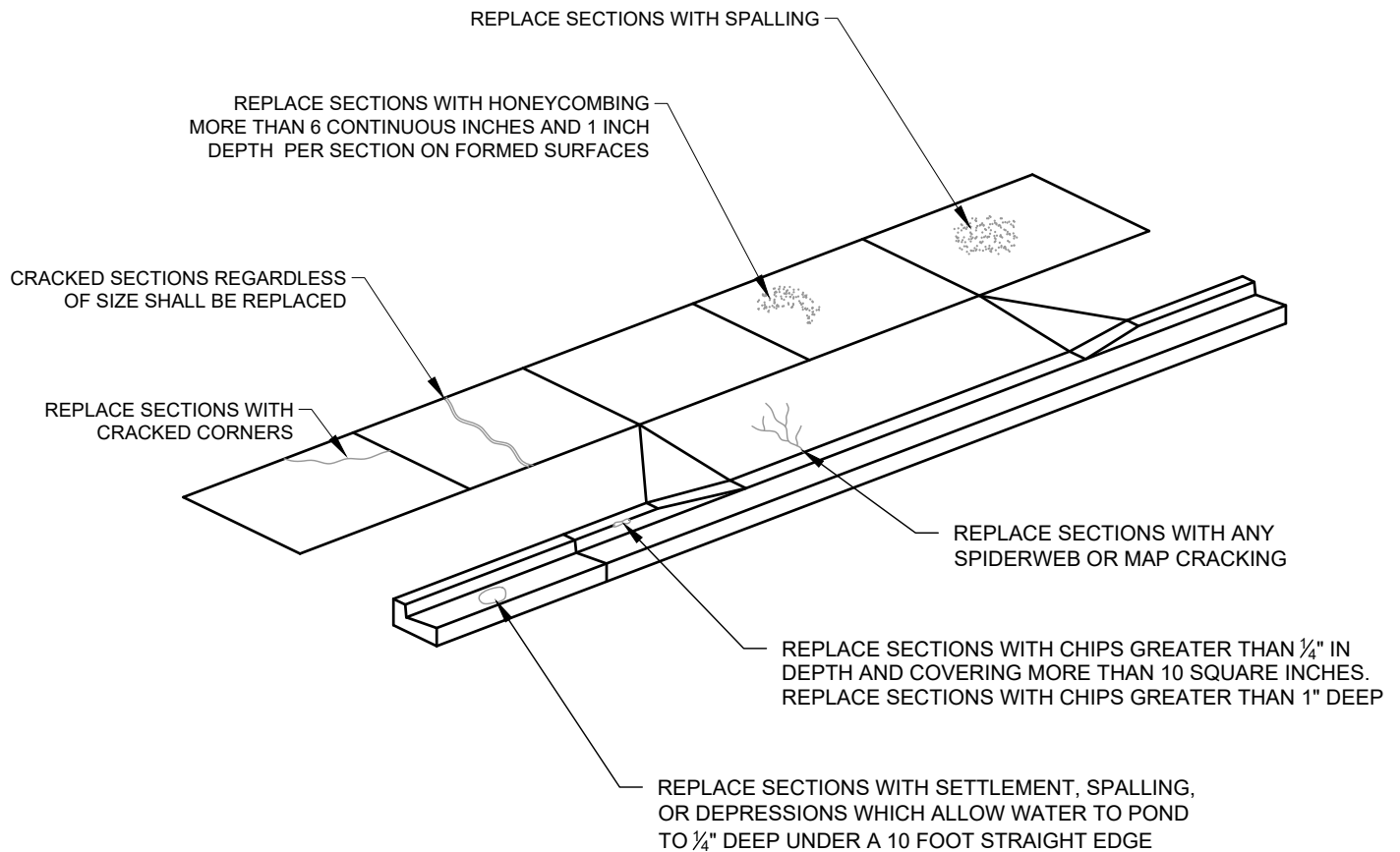
LEHI CITY

LEHI CITY STANDARD DETAIL

**FENCING & PLANTER STRIP
IMPROVEMENTS ALONG
LIMITED ACCESS ROADWAYS**

RD-15

DATE:
JANUARY 2022



NOTES:

1. REPLACEMENT OF A COMPLETE SECTION OF SIDEWALK, CURB AND GUTTER, OR OTHER ITEM IS REQUIRED IF ONE OR MORE OF THE CONDITIONS NOTED ABOVE ARE FOUND.
2. CONDITIONS NOT SHOWN SHALL BE REPAIRED PER THE STREETS DEPARTMENT DIRECTOR RECOMMENDATIONS.
3. ALL CRACKS WITHIN SIDEWALK SECTIONS REQUIRE REPLACEMENT.
4. REPLACEMENT CONCRETE SHALL COMPLY WITH LEHI CITY DESIGN AND CONSTRUCTION STANDARDS.
5. REPLACEMENT SHALL BE DONE IN COMPLETE SECTIONS. NO PATCHING.



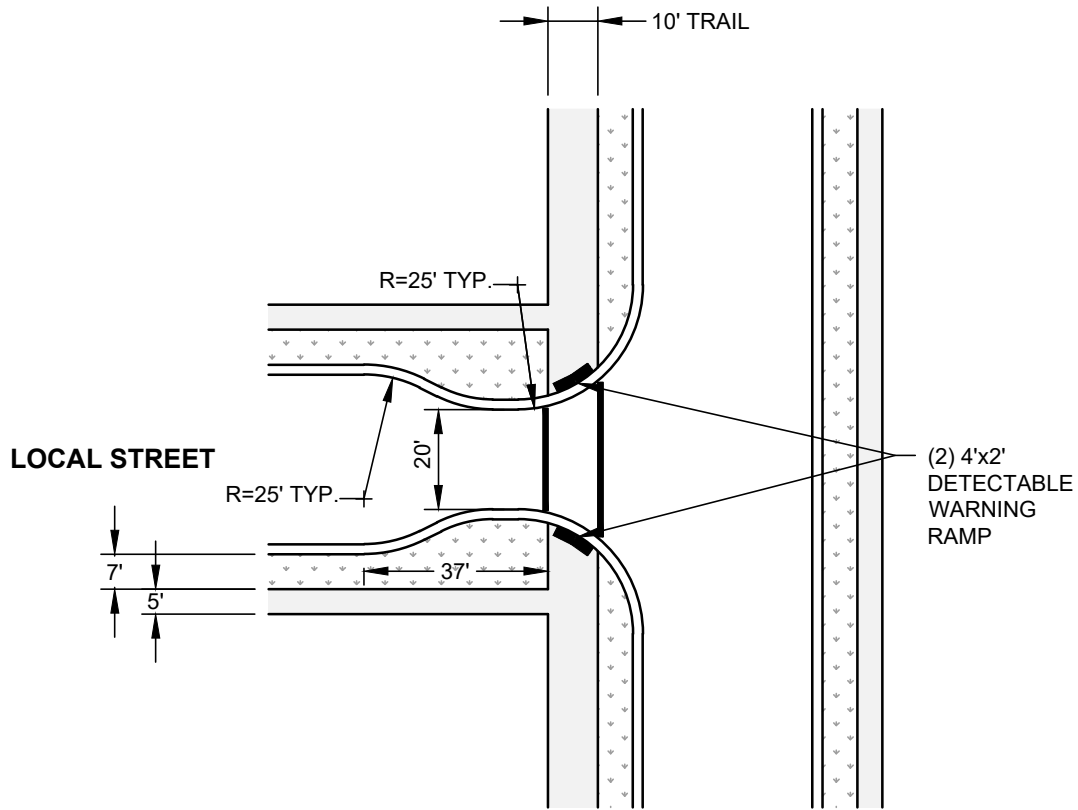
LEHI CITY

LEHI CITY STANDARD DETAIL

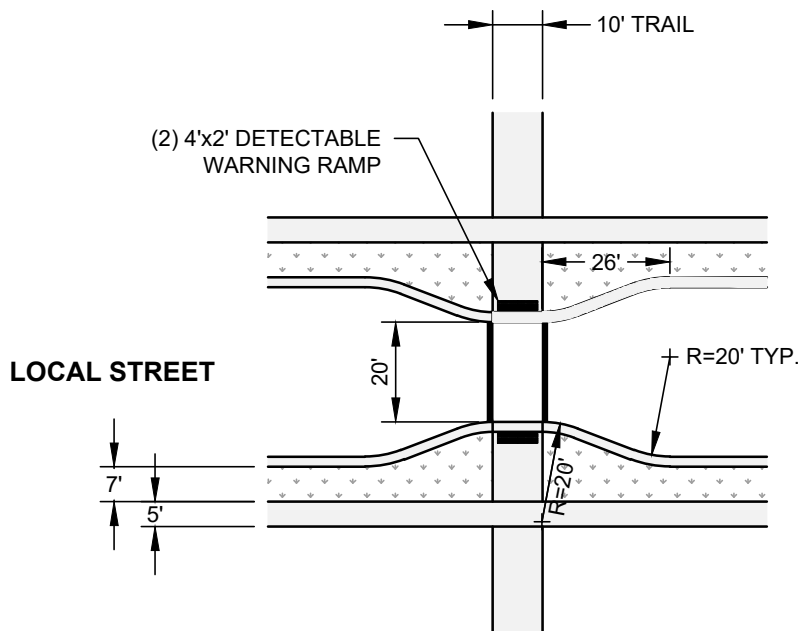
**CONCRETE REPLACEMENT
CRITERIA**

RD-16

DATE:
JANUARY 2022



INTERSECTION TRAIL CROSSING



MID-BLOCK TRAIL CROSSING



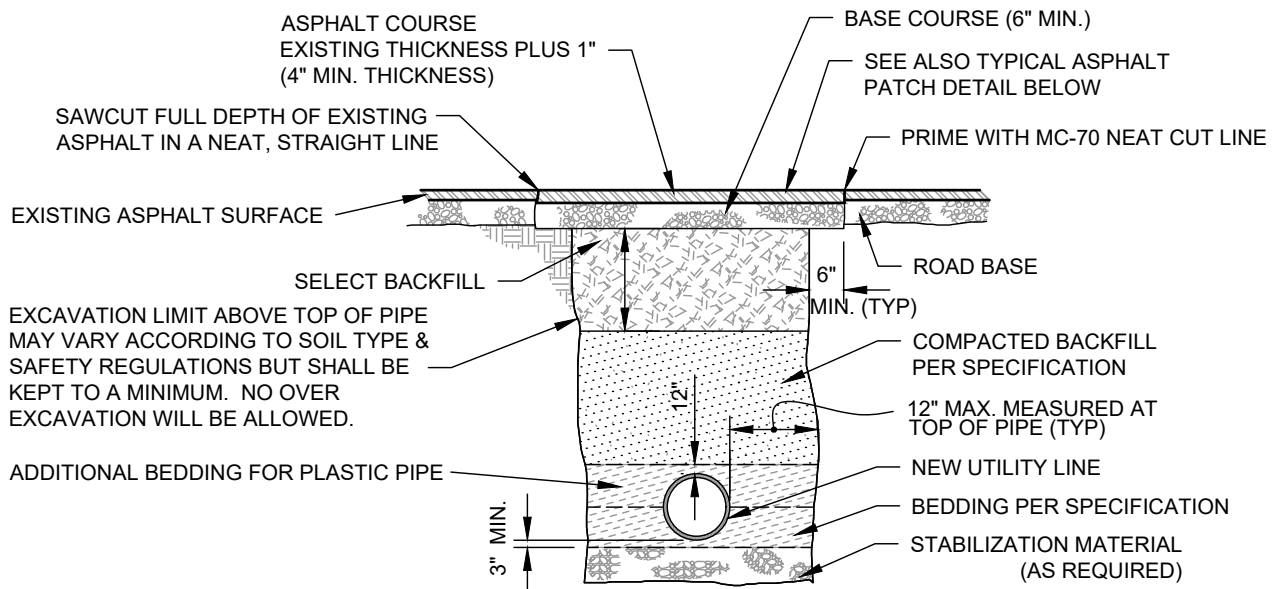
LEHI CITY

LEHI CITY STANDARD DETAIL

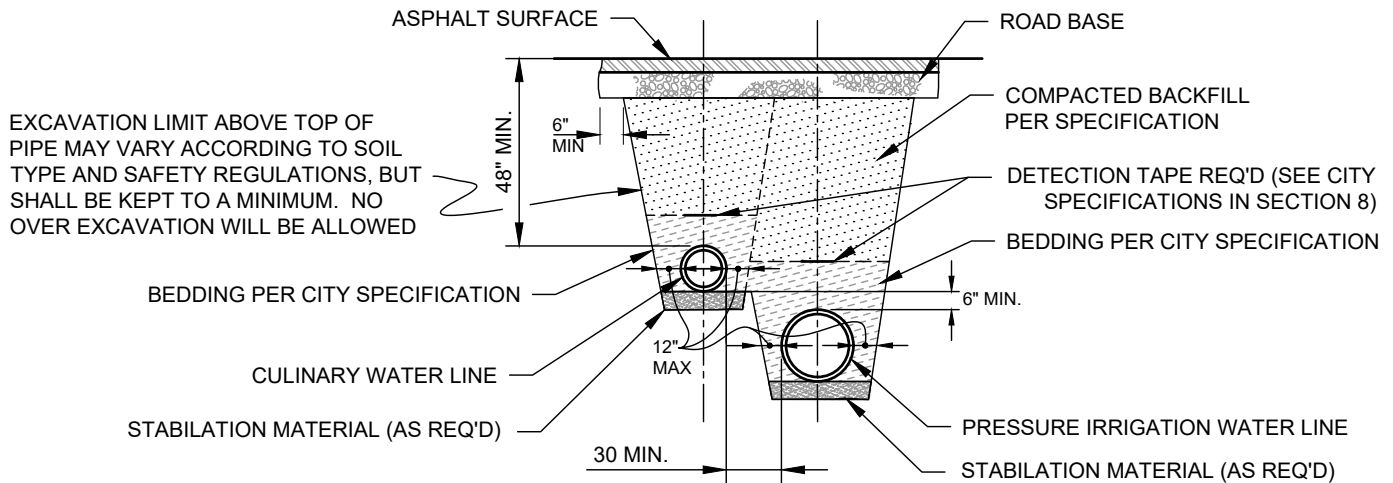
**MASTER PLANNED
TRAIL CROSSING AT
LOCAL STREET**

RD-17

DATE:
JANUARY 2022

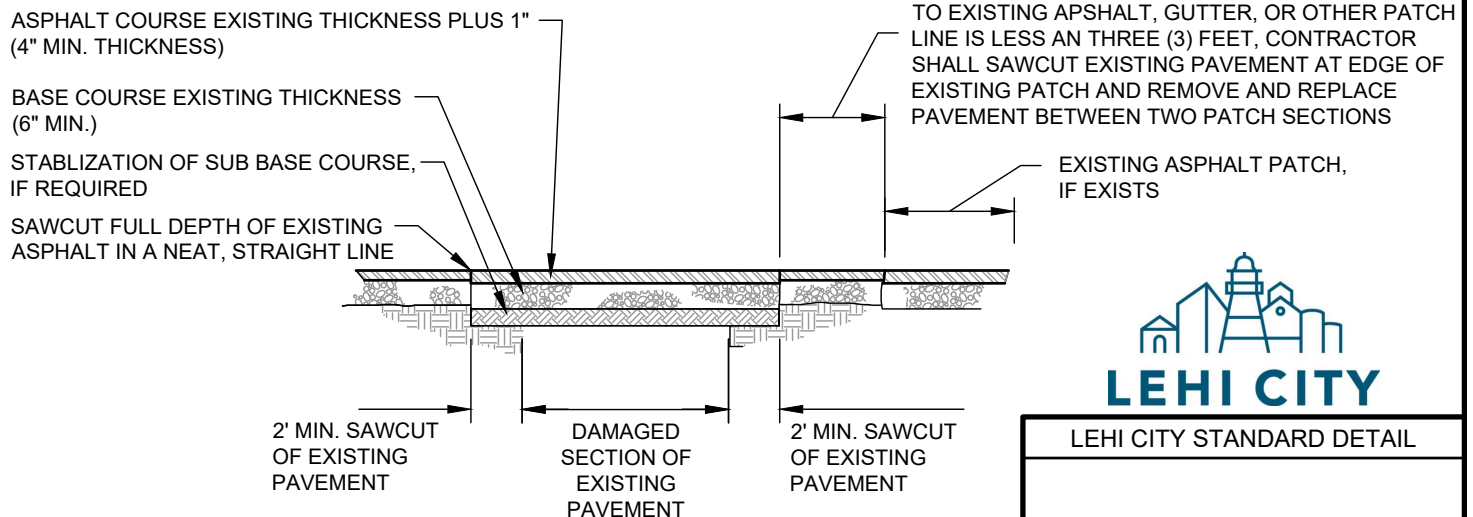


UTILITY INSTALLATION AND ROAD REPAIR



TYPICAL DUAL PIPE INSTALLATION

(IRR. AND CUL)



TYPICAL ASPHALT PATCH DETAIL



LEHI CITY

LEHI CITY STANDARD DETAIL

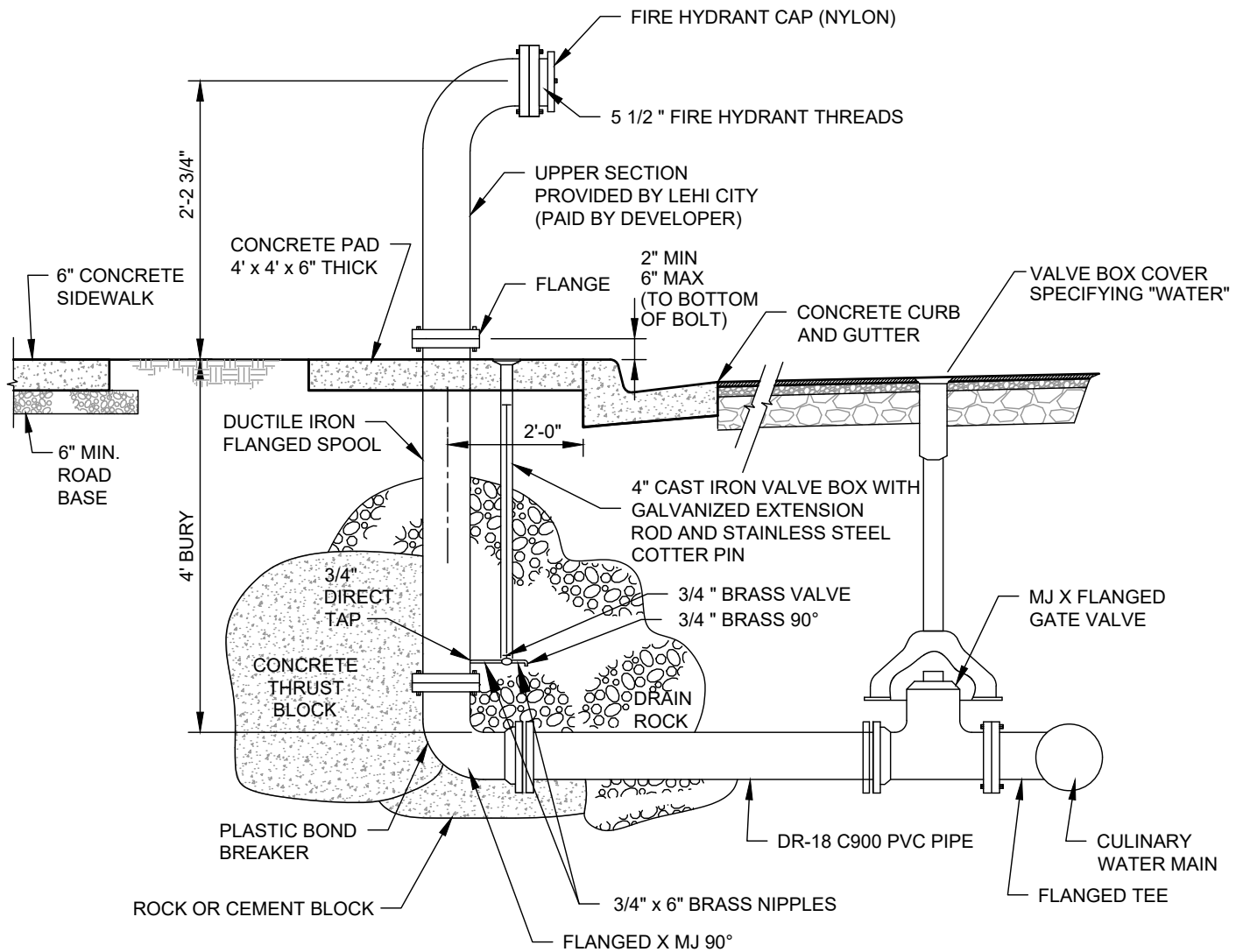
UTILITY TRENCHING

WT-01

DATE:
JANUARY 2022



DATE:
JANUARY 2022



NOTE:

1. 4" SIZE FOR 8" OR SMALLER LINES 6" SIZE FOR 10" OR LARGER LINES OTHER SIZES AS DIRECTED BY THE WATER DEPARTMENT DIRECTOR.
2. BLOWOFF SHALL BE INSTALLED 2' BEHIND THE WALK WITH CONCRETE PAD WHEN THERE IS NO PLANTER.
3. WHEN INSTALLING CONCRETE PAD AROUND BLOW-OFF, CONTRACTOR SHALL PLACE CRACK CONTROL JOINTS DIAGONALLY FROM THE BLOW-OFF TO THE CORNERS OF SAID PAD.
4. A THREE (3) FOOT HORIZONTAL CLEARANCE MUST BE MAINTAINED AROUND THE OUTSIDE OF ALL BLOW-OFFS.
5. BLOWOFF TOP, ADAPTOR, AND CAP TO BE SUPPLIED BY LEHI CITY WATER DEPARTMENT.



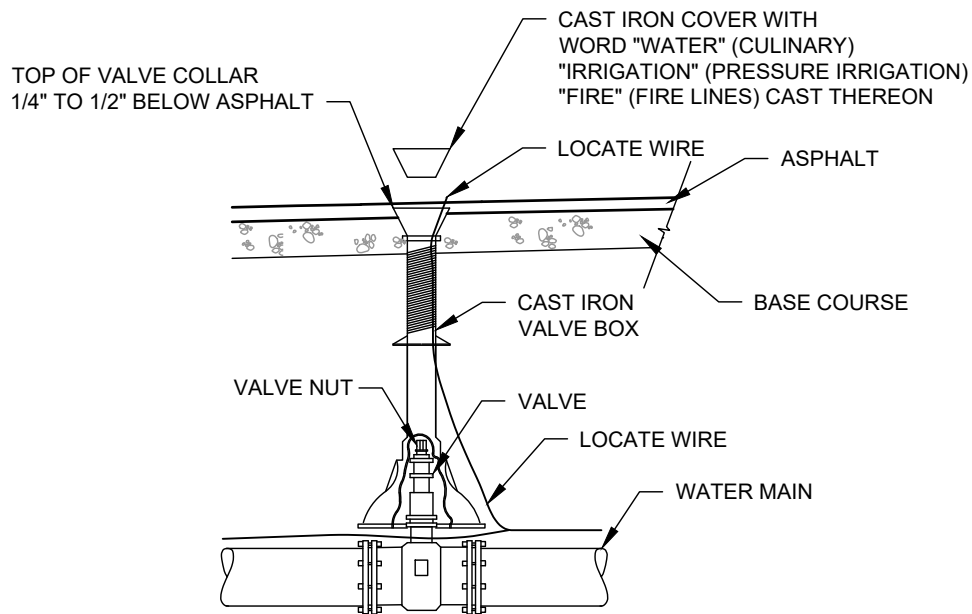
LEHI CITY

LEHI CITY STANDARD DETAIL

BLOW-OFF

WT-03

DATE:
JANUARY 2022



NOTES:

1. TOP OF VALVE COLLAR SHALL BE SET TO FINAL GRADE PRIOR TO PAVING. CONCRETE COLLARS MAY BE ALLOWED ONLY AFTER PRIOR APPROVAL OF LEHI CITY STREET DEPARTMENT. IF APPROVED, VALVE COLLARS SHALL BE 12" MIN. WIDE (FROM EDGE OF COLLAR), 12" THICK AND 1/4" TO 1/2" BELOW ASPHALT.
2. IN NON PAVED AND PLANTER STRIP AREAS, A 4' x 4' x 6" THICK CONCRETE PAD MUST BE PROVIDED FLUSH WITH THE TOP OF THE VALVE BOX.



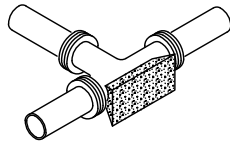
LEHI CITY

LEHI CITY STANDARD DETAIL

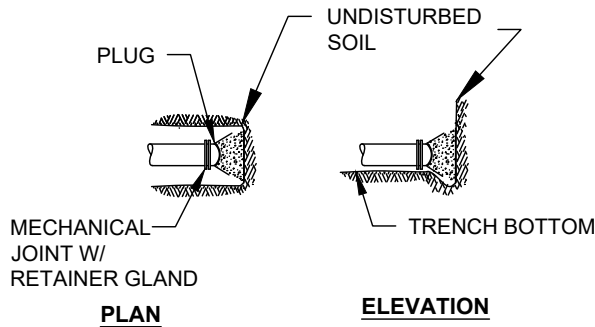
VALVE BOX

WT-04

DATE:
JANUARY 2022



THRUST BLOCK TYPICAL



PLUG DETAIL

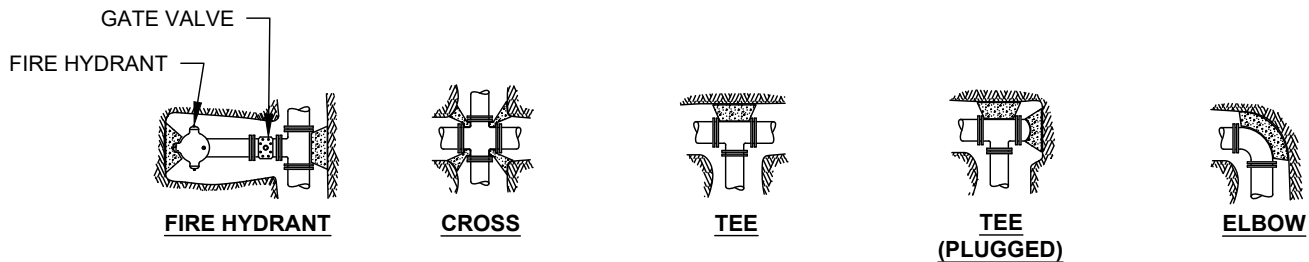
SIZE	BENDS				TEES *	GATE VALVES	DEAD ENDS	CROSS W/ 1 BRANCH PLUGGED	CROSS W/ 2 BRANCH PLUGGED
	30°	45°	22 1/2°	11 1/4°					
3	1.0	0.6	0.3	0	0.7	0.5	0.7	0.7	0.7
4	1.8	1.0	0.5	0	1.3	0.5	1.3	1.3	1.3
6	4.0	2.2	1.1	0	2.8	0.7	2.8	2.8	2.8
8	7.1	3.8	2.0	1.0	5.0	2.4	5.0	5.0	5.0
10	11.1	6.0	3.0	1.5	7.8	4.5	7.8	7.8	7.8
12	16.0	8.6	4.4	2.2	11.3	7.3	11.3	11.3	11.3
14	21.7	11.8	6.0	3.0	15.4	11.0	15.4	15.4	15.4
15	25.0	13.5	7.0	3.5	17.6	SPECIAL DESIGN	17.6	17.6	17.6
16	28.4	15.3	8.0	4.0	20.0		20.0	20.0	20.0
18	36.0	19.4	10.0	5.0	25.4		25.4	25.4	25.4
20	44.2	24.0	12.2	6.1	31.4		31.4	31.4	31.4
21	49.0	26.5	13.5	6.8	34.6		34.6	34.6	34.6
22	54.0	29.0	14.8	7.4	38.0		38.0	38.0	38.0
24	64.0	34.5	17.7	8.8	45.0		45.0	45.0	45.0
30	100.0	54.0	27.6	13.8	71.0		71.0	71.0	71.0
36	144.0	78.0	40.0	20	102.0		102.0	102.0	102.0

* SIZE IS BRANCH SIZE

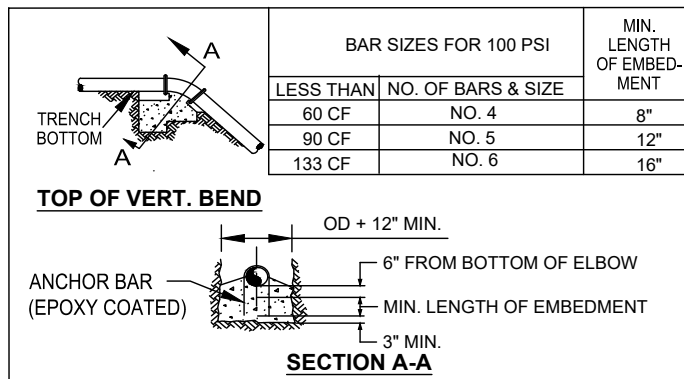
AREAS GIVEN IN TABLE ARE BASED UPON AN INTERNAL STATIC PRESSURE OF 100 P.S.I. AND A SOIL BEARING CAPACITY OF 1000 LBS. PER SQ. FT. BEARING AREAS FOR ANY PRESSURE AND SOIL BEARING CAPACITY MAY BE OBTAINED BY MULTIPLYING THE TABULATED VALUES BY A CORRECTION FACTOR "F".

F = $\frac{\text{ACTUAL SPECIFIED TEST PRESSURE IN HUNDREDS OF LBS./SQ. IN.}}{\text{ACTUAL SOIL BEARING CAPACITY IN THOUSANDS OF LBS.}}$

TABLE OF BEARING AREAS IN SQ. FT. FOR CONCRETE THRUST BLOCKING



FOR 100 P.S.I. INTERNAL STATIC PRESSURE AND 1000 LBS. PER SQ. FT. SOIL BEARING CAPACITY.



SIZE	BENDS		
	45°	22 1/2°	11 1/2°
3	3.7	1.9	1.4
4	6.5	3.3	1.7
6	14.6	7.5	3.7
8	26.0	13.2	6.6
10	40.5	20.7	10.3
12	58.5	30.0	14.8
14	79.5	40.7	20.2
15	91.0	46.6	23.2
16	104.0	53.0	26.5
18		67.3	33.4
20		83.0	41.0
21			45.5
22			50.0
24			59.5
30			
36			

SPECIAL DESIGN REQUIRED

REQ'D FOR VERT. BEND ANCHOR BLOCKS FOR 100 P.S.I. PRESSURE ADJUST VOLUMES BY MULTIPLYING TABULATED VALUES BY A CORRECTION FACTOR "F".

F = $\frac{\text{ACTUAL SPECIFIED TEST PRESSURE}}{100}$

TABLE OF VOLUMES OF CONCRETE (IN CU. FT.)

NOTES:

- ALL FITTINGS SHALL BE COVERED WITH PLASTIC OR OTHER APPROVED MATERIAL PRIOR TO POURING THE THRUST BLOCK
- FM GRADE GREASE SHALL BE USED FOR ALL BOLTED FITTINGS.
- ALL TRUST BLOCKS AGAINST NON-NATIVE MATERIALS SHALL BE UPSIZED UNLESS A BEARING PRESSURE OF 1000 LBS. PER SQ.FT. IS PROVIDED.
- POST MIX OR SAC-CRETE IS NOT ALLOWED FOR THRUST BLOCKS.



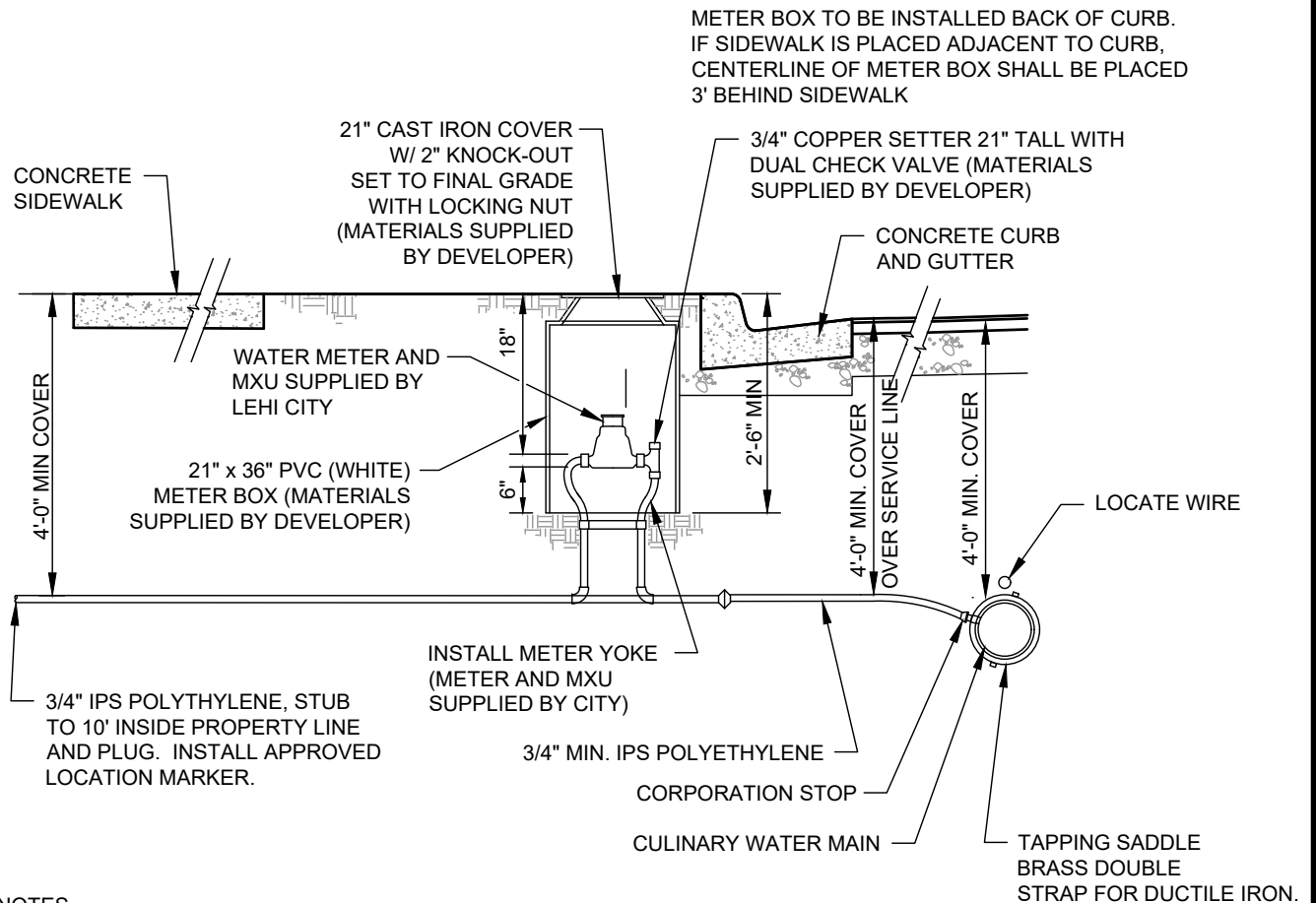
LEHI CITY

LEHI CITY STANDARD DETAIL

THRUST BLOCKING

WT-05

DATE:
JANUARY 2022



GENERAL NOTES

1. 10'-0" EDGE TO EDGE HORIZONTAL CLEARANCE IS REQUIRED BETWEEN WATER AND SEWER LATERAL SERVICE LINES.
2. WHERE WATER AND SEWER LATERALS MUST CROSS, WATER LATERAL SHALL BE 18" ABOVE THE SEWER LATERAL AS MEASURED FROM THE BOTTOM OF THE WATER LATERAL TO THE TOP OF THE SEWER LATERAL. THIS SEPARATION SHALL BE MAINTAINED FOR A MINIMUM OF 10'-0" EITHER SIDE OF THE CROSSING POINT.
3. ALL CULINARY WATER METERS SHALL BE CONSTRUCTED BEHIND PROPOSED CURB AND GUTTER, AND SHALL BE SERVICEABLE FROM THE STREET, REGARDLESS OF WHETHER OR NOT THE TYPICAL STREET CROSS SECTION CONTAINS A PLANTER STRIP.
4. COORDINATE PLACEMENT OF WATER METER WITH LEHI WATER DEPARTMENT.
5. TEFLON TAPE REQUIRED ON ALL THREADED CONNECTIONS.
6. CULINARY WATER METERS SHALL NOT BE PLACED WITHIN DRIVABLE AREAS UNLESS OTHERWISE APPROVED BY WATER DEPARTMENT.
7. ALL PIPING, FITTINGS, ECT WILL BE PROVIDED BY DEVELOPER AND INSPECTED BY LEHI CITY WATER INSPECTOR.
8. METER AND MXU WILL BE SUPPLIED BY LEHI CITY.
9. ALL BRASS FITTINGS, VALVES, ETC. SHALL BE MANUFACTURED IN ACCORDANCE WITH AWWA STANDARD C-800, LATEST REVISION. ALL BRASS PRODUCTS ARE TO BE CERTIFIED TO THE REQUIREMENTS OF NSF / ANSI 61 ANNEX F&G AND NSF / ANSI 372.
10. HOMES WITH FIRE SPRINKLERS REQUIRE A 1" OR LARGER WATER SERVICE AS REQUIRED BY FIRE SPRINKLER DESIGN.
11. NO SPLICES OR FITTINGS ALLOWED BETWEEN THE CORPORATION STOP AND THE METER SETTER.
12. METERS THAT FALL WITHIN DRIVEWAYS MAY BE RELOCATED A MAXIMUM OF 3' Laterally, OTHERWISE THE SERVICE MUST BE TERMINATED AT THE MAIN AND REINSTALLED OUTSIDE OF THE DRIVEWAY.



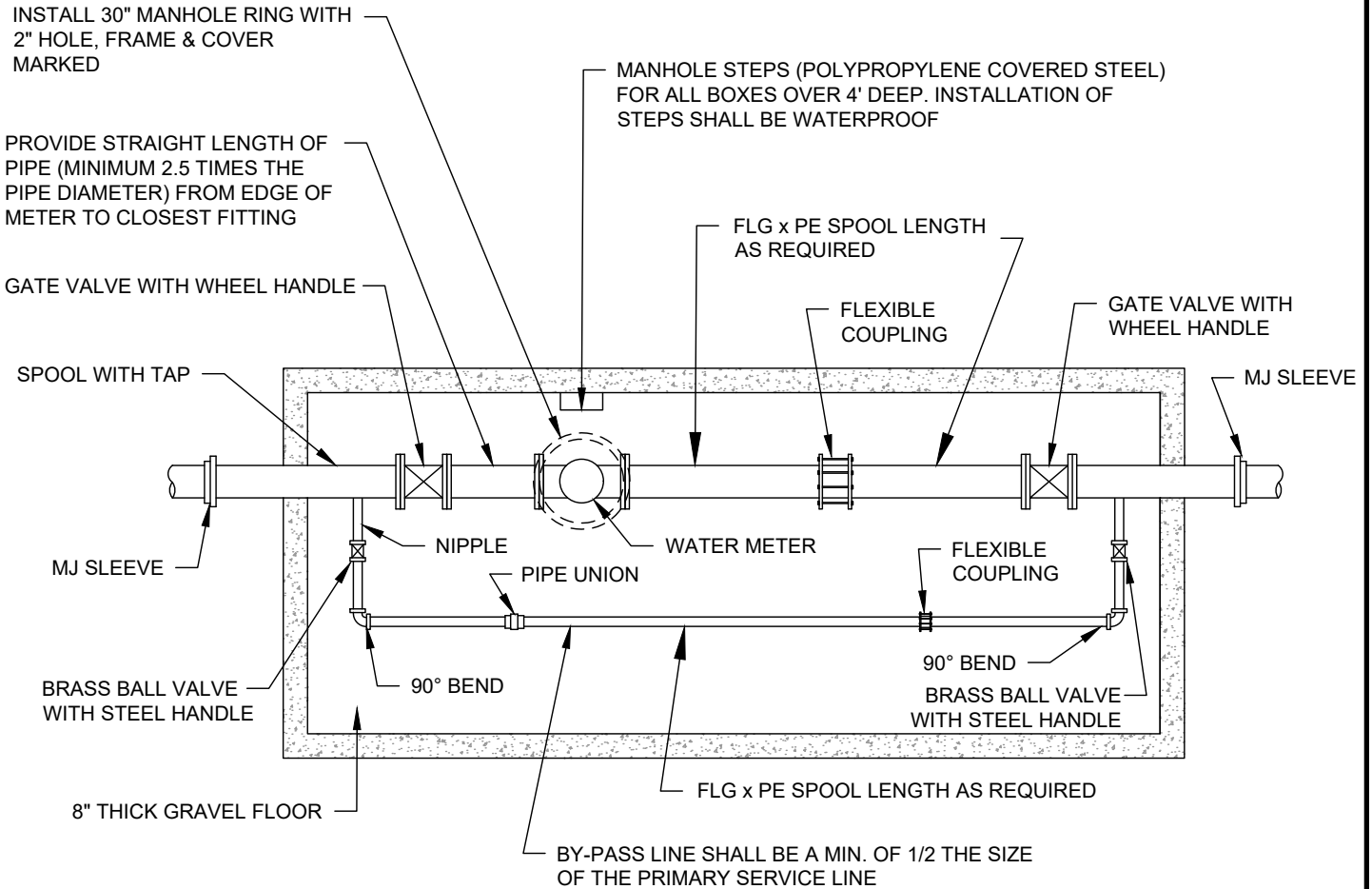
LEHI CITY

LEHI CITY STANDARD DETAIL

**CULINARY SERVICE
CONNECTION**

WT-06

DATE:
JANUARY 2022



NOTES

1. AN ENGINEERED PRECAST BOX MAY BE ALLOWED AS APPROVED BY THE CITY.
2. STRUCTURAL DESIGN (REINFORCING AND CONCRETE THICKNESS FOR WALLS, FOOTINGS, AND ROOF) WILL DEPEND ON FINAL BOX SIZE.
3. COORDINATE METER BOX PLACEMENT AND OVERALL METER DIMENSIONS WITH LEHI WATER METERING DEPARTMENTS PRIOR TO INSTALLATION.
4. CHANGES DUE TO PIPE SIZE SHALL BE AS APPROVED BY THE CITY WATER SUPERINTENDENT.
5. METER AND MXU SUPPLIED BY LEHI CITY.
6. VAULT LID AND INTERNAL PIPING PROVIDED BY DEVELOPER



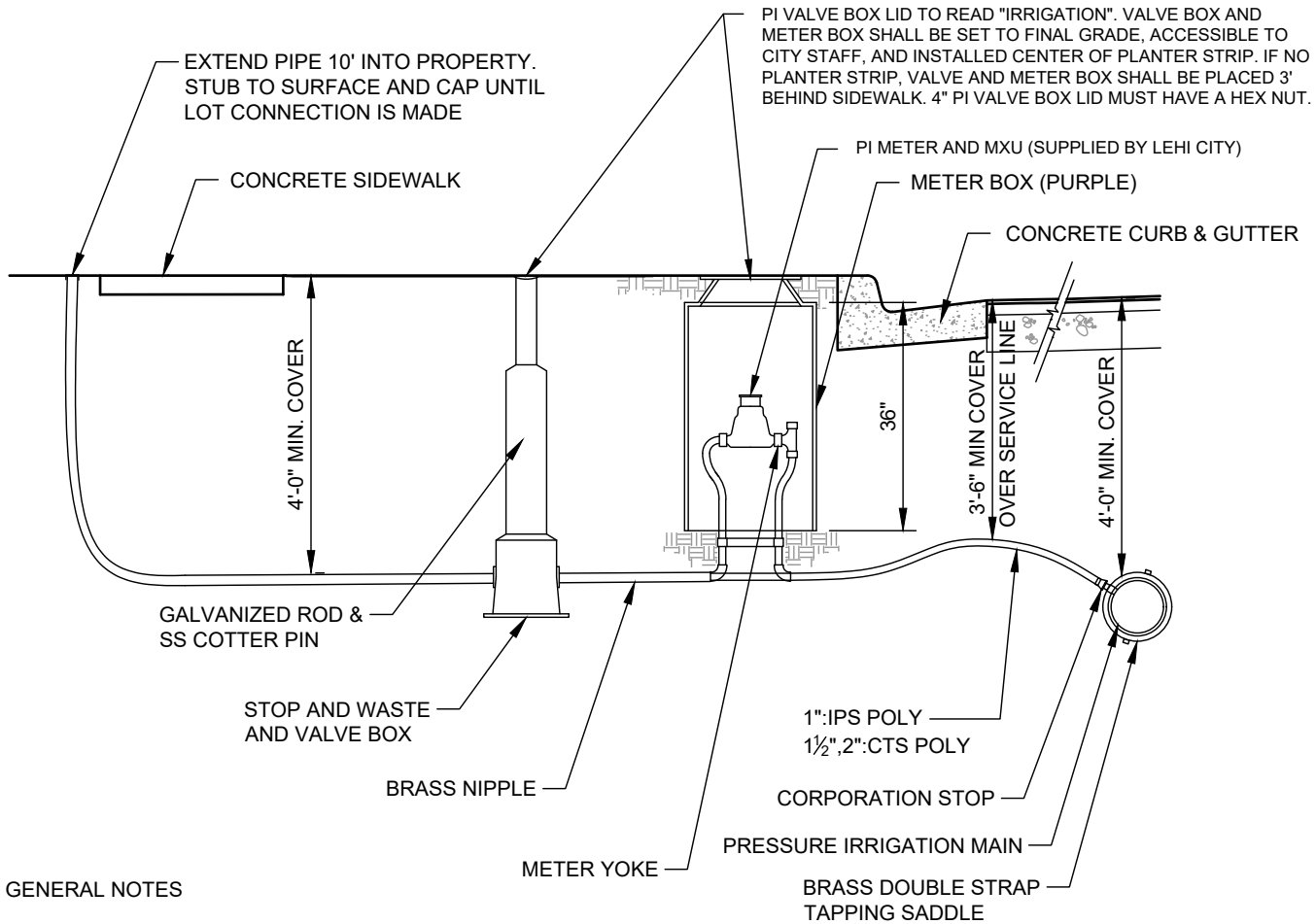
LEHI CITY

LEHI CITY STANDARD DETAIL

CONCRETE METER BOX

WT-07

DATE:
JANUARY 2022



GENERAL NOTES

- 10'-0" EDGE TO EDGE HORIZONTAL CLEARANCE IS REQUIRED BETWEEN WATER AND SEWER LATERAL SERVICE LINES.
- WHERE WATER AND SEWER LATERALS MUST CROSS, WATER LATERAL SHALL BE 18" ABOVE THE SEWER LATERAL AS MEASURED FROM THE BOTTOM OF THE WATER LATERAL TO THE TOP OF THE SEWER LATERAL. THIS SEPARATION SHALL BE MAINTAINED FOR A MINIMUM OF 10'-0" EITHER SIDE OF THE CROSSING POINT.
- ALL PRESSURE IRRIGATION METERS SHALL BE CONSTRUCTED BEHIND PROPOSED CURB AND GUTTER, AND SHALL BE SERVICEABLE FROM THE STREET, REGARDLESS OF WHETHER OR NOT THE TYPICAL STREET CROSS SECTION CONTAINS A PLANTER STRIP.
- COORDINATE PLACEMENT OF PI METER WITH LEHI WATER DEPARTMENT.
- TEFLON TAPE REQUIRED ON ALL THREADED CONNECTIONS.
- PRESSURE IRRIGATION METERS SHALL NOT BE PLACED WITHIN DRIVABLE AREAS UNLESS OTHERWISE APPROVED BY WATER DEPARTMENT.
- ALL PIPING, FITTINGS, ECT WILL BE PROVIDED BY DEVELOPER AND INSPECTED BY LEHI CITY WATER INSPECTOR.
- METER AND MXU WILL BE SUPPLIED BY LEHI CITY.
- ALL BRASS FITTINGS, VALVES, ETC. SHALL BE MANUFACTURED IN ACCORDANCE WITH AWWA STANDARD C-800, LATEST REVISION. ALL BRASS PRODUCTS ARE TO BE CERTIFIED TO THE REQUIREMENTS OF NSF / ANSI 61 ANNEX F&G AND NSF / ANSI 372.
- METERS THAT FALL WITHIN DRIVEWAYS MAY BE RELOCATED A MAXIMUM OF 3' Laterally, OTHERWISE THE SERVICE MUST BE TERMINATED AT THE MAIN AND REINSTALLED OUTSIDE OF THE DRIVEWAY.

PARTS LIST			
PART NAME	METER SIZE		
	1" METER	1 1/2" METER	2" METER
SETTER	FORD VB-74-15W-11-44	FORD VBB76-15-11-66	FORD VBB77-15-11-77
NIPPLE	1X12 BRASS	1-1/2X12 BRASS	2X12 BRASS
STOP AND WASTE	FORD BC-11-444-SW 1	FORD B11-666SW-NL 1 1/2	Ford B11-777SW-NL 2
RING	D&L L-2244	D&L L-2242	
RING ADAPTER	NA	L-2336 30 CI MTR ADPT RING	
LID	DFW12AUT-5MW+T-IRRIG-LID PURPLE		
METER INSULATOR	4x28 FOAM	4x30 FOAM	
VALVE BOX	93D CAST IRON W/HEX NUT		
BASE	NA		M-9094-01
ROD	M-9080 W/COTTER OSW EXT KEY		
METER BOX	SIGMA RMP-212436-PTR	SIGMA RMP-203036-PTR	
SERVICE LINE	1" IPS POLY	1 1/2" CTS POLY	2" CTS POLY
*LISTED MODEL NUMBERS OR APPROVED EQUAL REQUIRED			



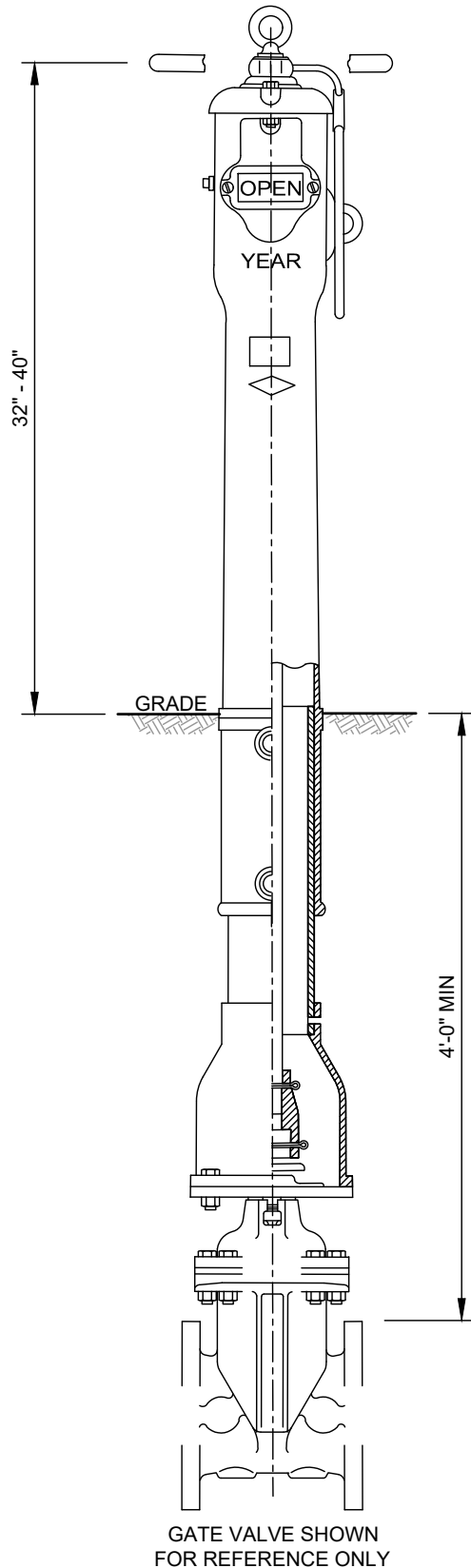
LEHI CITY

LEHI CITY STANDARD DETAIL

**PRESSURE IRRIGATION
SERVICE CONNECTION**

WT-08

DATE:
JANUARY 2022



NOTES:

1. MUST BE PLACED IN LINE WITH FDC (FIRE DEPARTMENT CONNECTION), IN PLAIN SITE AND BE READABLE FROM THE STREET.
2. FINAL PLACEMENT SHALL BE AS APPROVED BY THE FIRE CODE OFFICIAL.
3. POST INDICATOR VALVE SHALL BE UL LISTED AND FM APPROVED.
4. POST INDICATOR VALVE SHALL BE A MINIMUM DIAMETER OF 4".
5. A THREE (3) FOOT HORIZONTAL CLEARANCE MUST BE MAINTAINED AROUND THE OUTSIDE OF ALL POST INDICATOR VALVES.
6. THERE SHALL BE NO OTHER VALVES BETWEEN THE POST INDICATOR AND THE FIRE SPRINKLER RISER.
7. THERE SHALL BE NO WATER CONNECTIONS OTHER THAN THE POST INDICATOR VALVE BETWEEN THE MAINLINE VALVE AND THE RISER FLANGE.
8. A POST INDICATOR VALVE IS REQUIRED ON ALL FIRE LINES EXCEPT WHEN THERE IS AN OUTSIDE DOOR TO THE FIRE RISER ROOM AND AS REQUIRED BY THE FIRE MARSHALL.



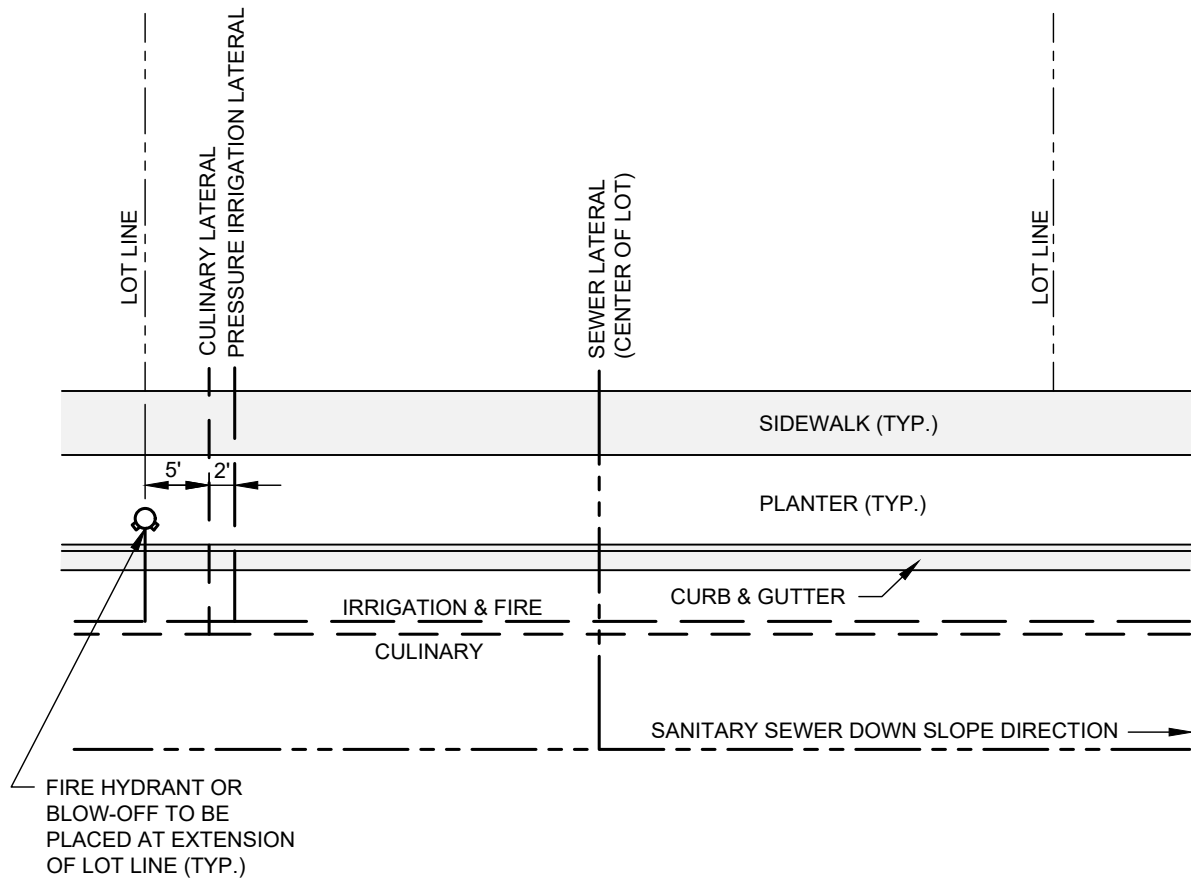
LEHI CITY

LEHI CITY STANDARD DETAIL

**POST INDICATOR
VALVE**

WT-09

DATE:
JANUARY 2022



NOTES

1. EACH SUBDIVISION LOT SHALL RECIEVE ONLY ONE (1) OF EACH SERVICE TYPE (WATER, P.I., SEWER OR SUB-DRAIN) UNLESS SPECIFICALLY AUTHORIZED BY THE CITY COUNCIL, CITY ENGINEER AND THE WATER SUPERINTENDANT.
2. ALL REMOVALS OR CHANGES TO EXISTING LATERAL LOCATIONS SHALL BE PERFORMED AT THE DEVELOPERS EXPENSE AND BE INSPECTED BY LEHI CITY STAFF.
3. CULINARY & PRESSURIZED IRRIGATION LATERALS SHOULD BE PLACED AT A 5 FOOT OFFSET FROM THE PROPERTY LINE.
4. LOCATION CHANGES DUE TO LOT SIZE & PHYSICAL CONDITIONS SHALL BE APPROVED BY THE WATER SUPERINTENDANT.



LEHI CITY

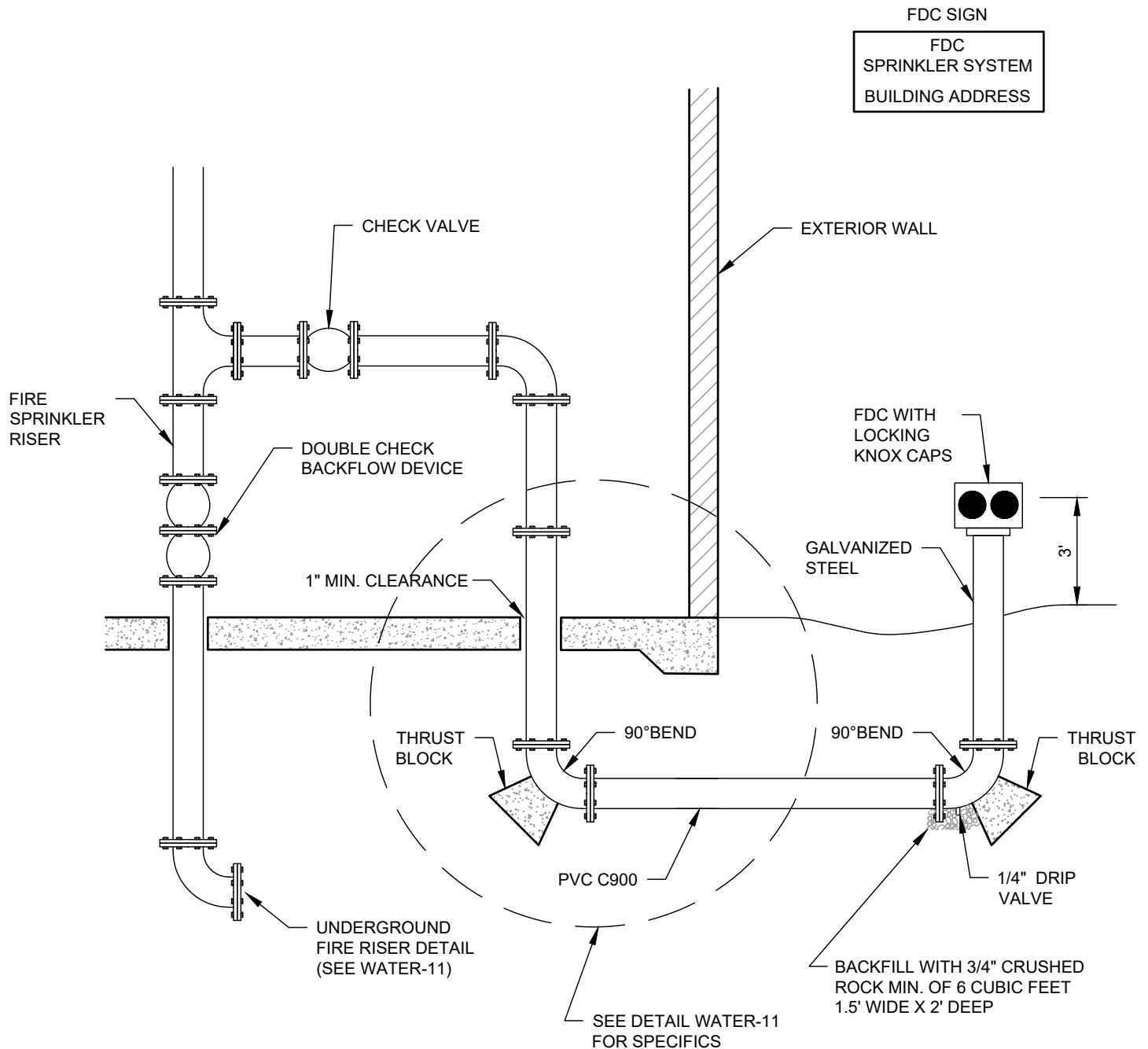
LEHI CITY STANDARD DETAIL

**TYPICAL SERVICE,
HYDRANT & BLOW-OFF
LOCATIONS**

WT-10

DATE:
JANUARY 2022





REMOTE FIRE DEPARTMENT CONNECTION

NOTES:

1. BY APPROVAL OF THE FIRE CODE OFFICIAL.
2. PROVIDE BUILDING ID ON FDC THE SIGN SHALL BE 12" x 12" x 2" WHITE LETTERS ON A RED REFLECTIVE BACKGROUND.
3. NO OBSTRUCTIONS, PLANTS, ETC. WITHIN 3' OF THE FDC.
4. 4' x 4' x 6" CONCRETE PAD AT BASE OF FDC.
5. FDC SHALL BE WITHIN 100' OF A FIRE HYDRANT.



LEHI CITY

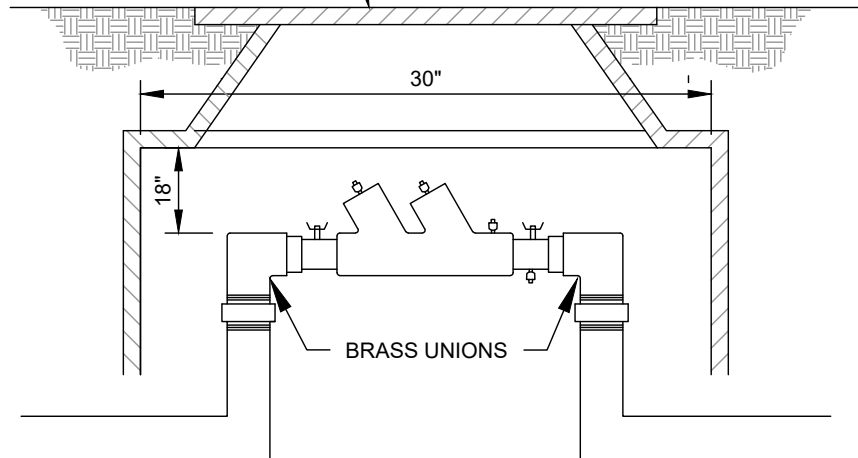
LEHI CITY STANDARD DETAIL

**REMOTE FIRE DEPARTMENT
CONNECTION**

WT-12

DATE:
JANUARY 2022

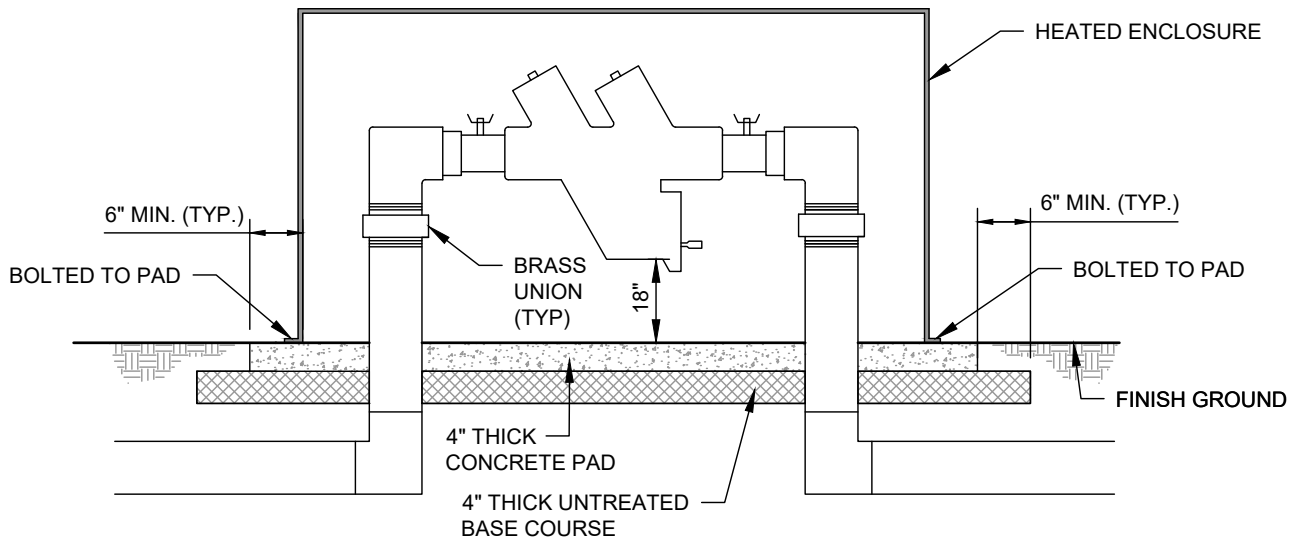
18" CAST IRON COVER W/ 2" KNOCK-OUT SET
TO FINAL GRADE WITH LOCKING NUT
(MATERIALS SUPPLIED BY LEHI CITY)



NOTES:

DOUBLE CHECK BACKFLOW PREVENTER

1. MUST BE INSTALLED IN A 30" METER BOX.
2. PIPEWORK MUST BE BRASS OR RIGID COPPER (ONLY). ALL PARTS SHALL CONFORM TO THE AWWA C-800 NO LEAD RULE.
3. AFTER INSTALLATION, BACKFLOW PREVENTER MUST BE TESTED WITHIN 10 DAYS AND RESULTS GIVEN TO LEHI CITY WATER DEPARTMENT.
4. DOUBLE CHECK BACKFLOW PREVENTOR INSTALLED IN A VAULT MUST BE TESTABLE AND MAINTAINABLE FROM THE TOP POSITION.



REDUCED PRESSURE BACKFLOW PREVENTER

NOTES:

1. PIPEWORK MUST BE BRASS OR RIGID COPPER (ONLY). ALL PARTS SHALL CONFORM TO THE AWWA C-800 NO LEAD RULE.
2. HEAT SOURCE DESIGNED TO PROTECT BACKFLOW PREVENT TO -30 F MUST BE INSTALLED WITHIN HEATED ENCLOSURE.
3. HEATED ENCLOSURE MUST BE INSTALLED AND ANCHORED TO PAD.
4. AFTER INSTALLATION, BACKFLOW PREVENTER MUST BE TESTED WITHIN 10 DAYS AND RESULTS GIVEN TO LEHI CITY WATER DEPARTMENT.



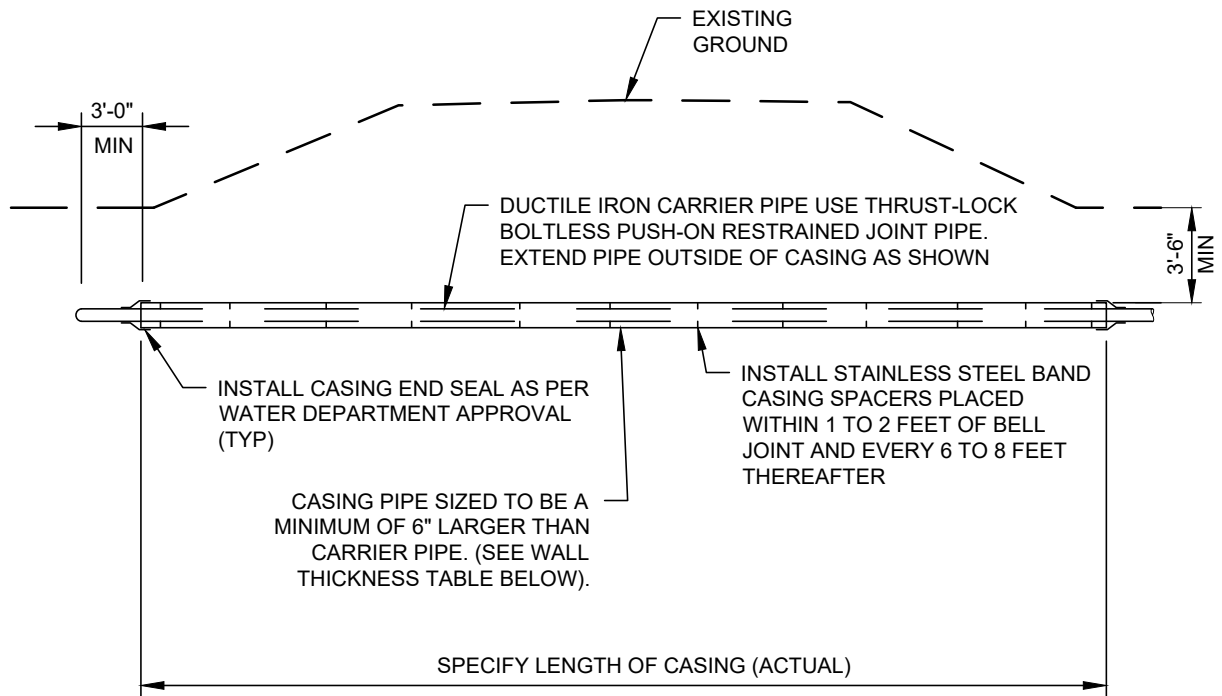
LEHI CITY

LEHI CITY STANDARD DETAIL

BACKFLOW PREVENTION

WT-13

DATE:
JANUARY 2022



STEEL CASING PIPE WALL THICKNESS TABLE	
MINIMUM THICKNESS	DIAMETER OF CASING PIPE
1/4"	12" OR LESS
5/16"	12" - 18"
3/8"	18" - 22"
7/16"	22" - 28"
1/2"	28" - 34"
9/16"	34" - 42"
5/8"	42" - 48"
AS APPROVED	OVER 48"

* THIS CHART IS ONLY FOR SMOOTH STEEL CASING PIPES WITH A MINIMUM YIELD STRENGTH OF 35,000 PSI.

* CASING PIPES LARGER THAN 48" OR WITH ANY PORTION DEEPER THAN 20 FEET SHALL REQUIRE STAMPED STRUCTURAL CALCULATIONS PRIOR TO APPROVAL

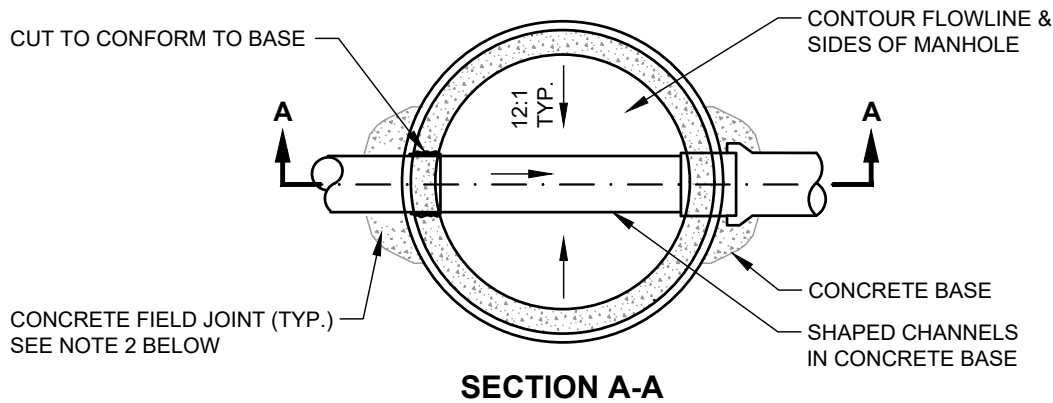


LEHI CITY STANDARD DETAIL

UTILITY CASING

WT-14

DATE:
JANUARY 2022



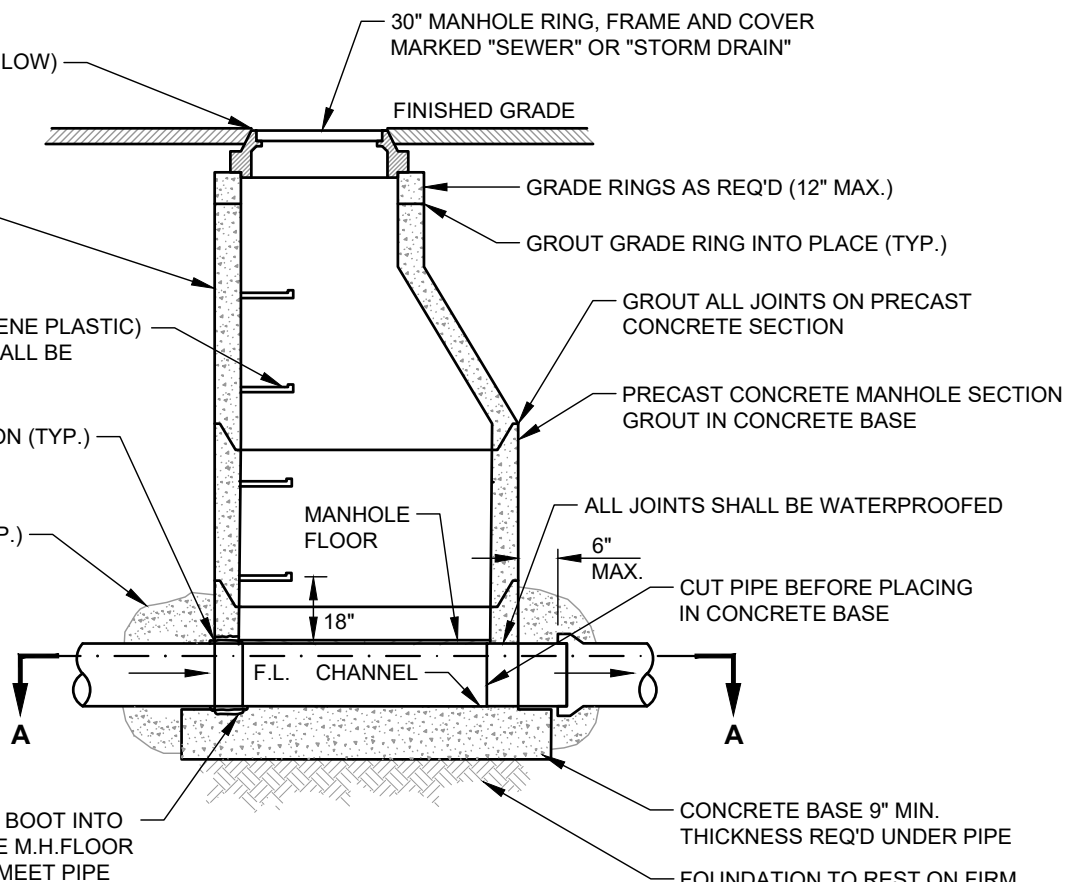
INSTALL 1/4" TO 1/2" LOWER
THAN ASPHALT SURFACE
(SEE ALSO NOTES 3,5 & 6 BELOW)

4' DIA. MANHOLE
5' DIA MANHOLE FOR
15" AND LARGER PIPE
(SEE NOTE 4 BELOW)

MANHOLE STEPS
(COPOLYMER POLYPROPYLENE PLASTIC)
INSTALLATION OF STEPS SHALL BE
WATERPROOF.

PIPE / MANHOLE CONNECTION (TYP.)
(SEE NOTE 1 BELOW)

CONCRETE FIELD JOINT (TYP.)
SEE NOTE 2 BELOW



GROUT NEOPRENE BOOT INTO
PLACE THEN SHAPE M.H.FLOOR
& OF CHANNEL TO MEET PIPE

NOTES:

1. INSTALL NEOPRENE BOOT WITH STAINLESS STEEL BANDS & GROUT INSIDE OF MANHOLE FOR SANITARY SEWER PIPE CONNECTIONS. GROUT INSIDE & OUTSIDE PIPE CONNECTIONS FOR STORM DRAIN & OTHER DRAINAGE PIPES.
2. INSTALL 8" THICK CONCRETE FIELD JOINT AROUND ALL STORM DRAINAGE PIPES (TYP.). INSTALL AROUND ALL CONCRETE SEWER PIPES 18" DIA. & LARGER.
3. MANHOLE RING & COVER SHALL MATCH GRADE & CROSS SLOPE OF ROADWAY. ("TWIST", ROTATING OR ADJUSTABLE MANHOLE RING & COVER MAY BE REQUIRED).
4. LARGER MANHOLES MAY BE REQUIRED DEPENDING ON PIPE SIZINGS AND ORIENTATION WITHIN MANHOLE.
5. TOP OF MANHOLE COVER SHALL BE SET TO FINAL GRADE PRIOR TO PAVING. CONCRETE COLLARS MAY BE ALLOWED, BUT ONLY AFTER PRIOR APPROVAL OF LEHI CITY STREET DEPARTMENT. IF APPROVED, CONCRETE COLLARS SHALL BE 12" MIN. WIDE (FROM EDGE OF MANHOLE RING) AND 12" MIN. THICKNESS.
6. IN NON-PAVED AREAS, A 12" THICK BY 12" WIDE (FROM EDGE OF MANHOLE RING) CONCRETE COLLAR SHALL BE PROVIDED FLUSH WITH THE TOP OF THE MANHOLE COVER.



LEHI CITY

LEHI CITY STANDARD DETAIL

**LINE MANHOLE
(SEWER & STORM DRAIN)**

SD-01

DATE:
JANUARY 2022

CONTOUR FLOWLINE &
SIDES OF MANHOLE

B

B

SHAPED CHANNELS
IN CONCRETE BASE

CONCRETE BASE

CONCRETE FIELD JOINT (TYP.)
SEE NOTE 2 BELOW

SECTION B-B

INSTALL 1/4" TO 1/2" LOWER THAN ASPHALT SURFACE
(SEE ALSO NOTES 3, 5 & 6 BELOW)

30" MANHOLE RING, FRAME AND COVER
MARKED "SEWER" OR "STORM DRAIN"

FINISHED GRADE

GRADE RINGS AS REQ'D (12" MAX.)

GROUT GRADE RING INTO PLACE (TYP.)

MANHOLE STEPS (COPOLYMER POLYPROPYLENE PLASTIC)
INSTALLATION OF STEPS SHALL BE WATERPROOF.

GROUT ALL JOINTS ON PRECAST
CONCRETE SECTION

PRECAST CONCRETE MANHOLE SECTION
GROUT IN CONCRETE BASE

ALL JOINTS SHALL BE WATERPROOFED

CUT PIPE BEFORE PLACING
IN CONCRETE BASE

4' DIA. MANHOLE
5' DIA. MANHOLE OF
15" AND LARGER PIPE
(SEE NOTE 4 BELOW)

6" MAX

MANHOLE
FLOOR

18"

B

B

CONCRETE BASE 9" MIN. THICKNESS
REQ'D UNDER PIPE

FOUNDATION TO REST ON FIRM UNDISTURBED
SOIL ON 6" MIN. DEPTH OF 1" MAX. GRADED
ROCK WHEN DIRECTED BY CITY ENGINEER

PIPE / MANHOLE CONNECTION (TYP.)
(SEE NOTE 1 BELOW)

CONCRETE FIELD JOINT (TYP.)
SEE NOTE 2 BELOW

NOTES:

1. INSTALL NEOPRENE BOOT WITH STAINLESS STEEL BANDS & GROUT INSIDE OF MANHOLE FOR SANITARY SEWER PIPE CONNECTIONS. GROUT INSIDE & OUTSIDE PIPE CONNECTIONS FOR STORM DRAIN & OTHER DRAINAGE PIPES.
2. INSTALL 8" THICK CONCRETE FIELD JOINT AROUND ALL STORM DRAINAGE PIPES (TYP.). INSTALL AROUND ALL CONCRETE SEWER PIPES 18" DIA. & LARGER.
3. MANHOLE RING & COVER SHALL MATCH GRADE & CROSS SLOPE OF ROADWAY. ("TWIST", ROTATING OR ADJUSTABLE MANHOLE RING & COVER MAY BE REQUIRED).
4. LARGER MANHOLES MAY BE REQUIRED DEPENDING ON PIPE SIZINGS AND ORIENTATION WITHIN MANHOLE.
5. TOP OF MANHOLE COVER SHALL BE SET TO FINAL GRADE PRIOR TO PAVING. CONCRETE COLLARS MAY BE ALLOWED, BUT ONLY AFTER PRIOR APPROVAL OF LEHI CITY STREET DEPARTMENT. IF APPROVED, CONCRETE COLLARS SHALL BE 12" MIN. WIDE (FROM EDGE OF MANHOLE RING) AND 12" MIN. THICKNESS.
6. IN NON-PAVED AREAS, A 12" THICK BY 12" WIDE (FROM EDGE OF MANHOLE RING) CONCRETE COLLAR SHALL BE PROVIDED FLUSH WITH THE TOP OF THE MANHOLE COVER.



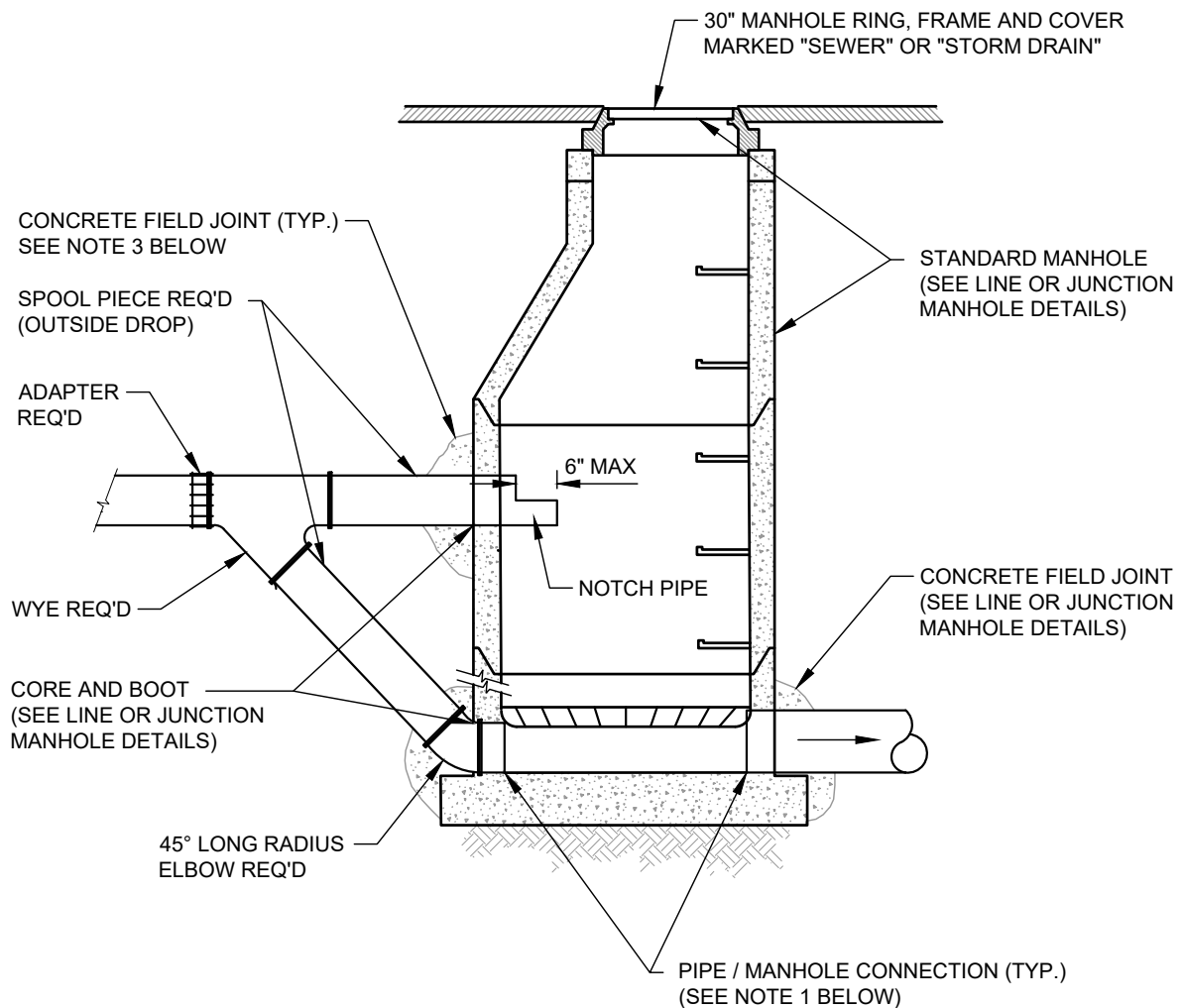
LEHI CITY

LEHI CITY STANDARD DETAIL

**JUNCTION MANHOLE
(SEWER & STORM DRAIN)**

SD-02

DATE:
JANUARY 2022



NOTES:

1. DROP MANHOLES MAY BE REQUIRED FOR PIPES ENTERING 24" OR MORE ABOVE THE INVERT OF THE MANHOLE. EXTERNAL DROP MANHOLES MAY BE USED ONLY AS APPROVED BY WATER AND WASTEWATER SUPERINTENDENT.
2. LATERAL SHALL NOT ENTER MANHOLES UNLESS OTHERWISE APPROVED BY CITY ENGINEER AND CITY PUBLIC WORKS DIRECTOR.
3. INSTALL 8" THICK CONCRETE FIELD JOINT AROUND PIPE (TYP.)



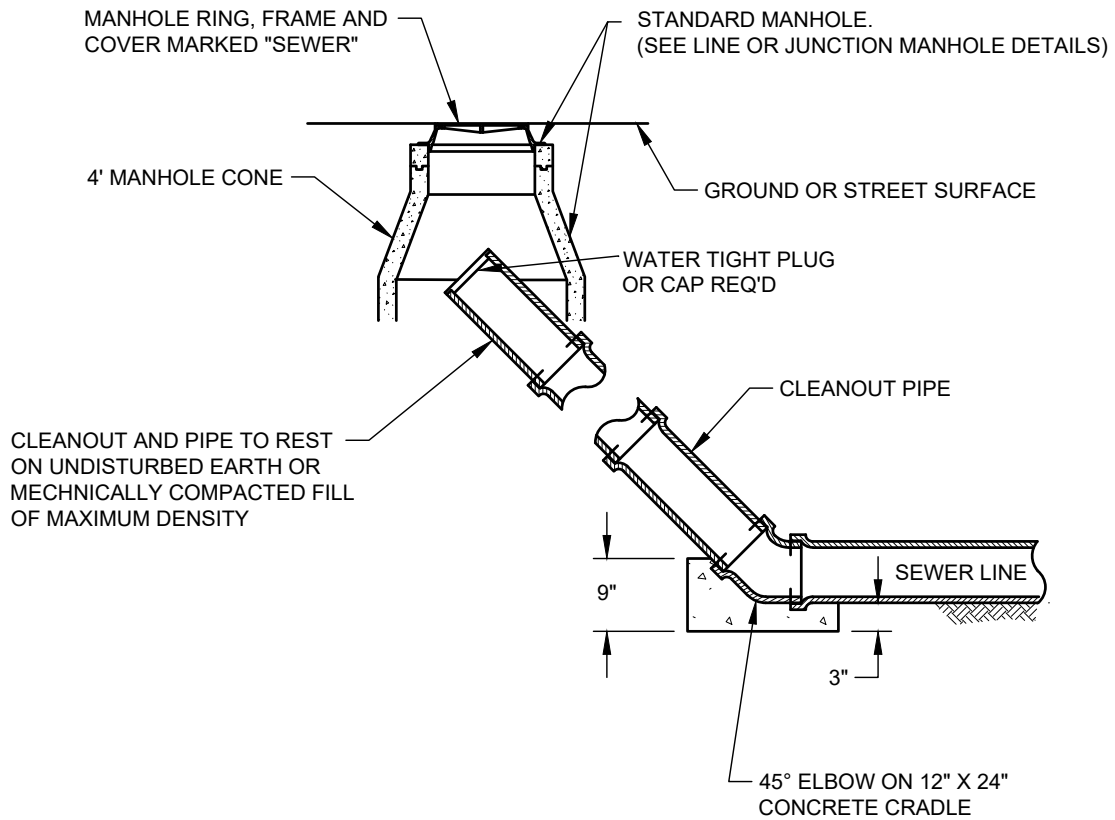
LEHI CITY

LEHI CITY STANDARD DETAIL

**EXTERNAL DROP MANHOLE
(SEWER & STORM DRAIN)**

SD-03

DATE:
JANUARY 2022



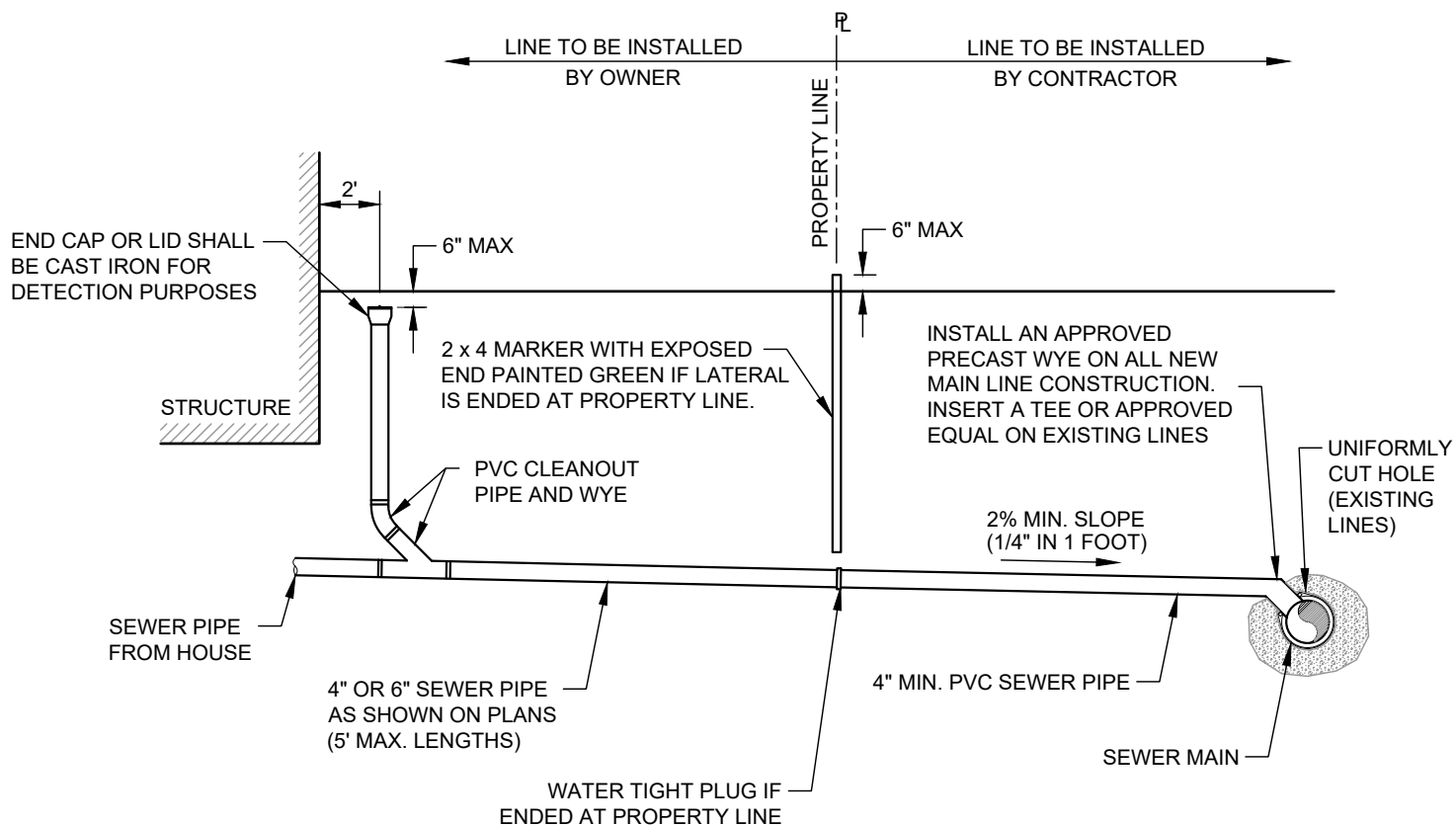
LEHI CITY

LEHI CITY STANDARD DETAIL

**TEMPORARY SEWER
MAIN CLEANOUT**

SD-04

DATE:
JANUARY 2022



NOTES:

1. MAXIMUM DISTANCE BETWEEN CLEANOUTS: 100 FEET
2. LATERALS SHALL NOT ENTER MANHOLES UNLESS OTHERWISE APPROVED BY CITY ENGINEER



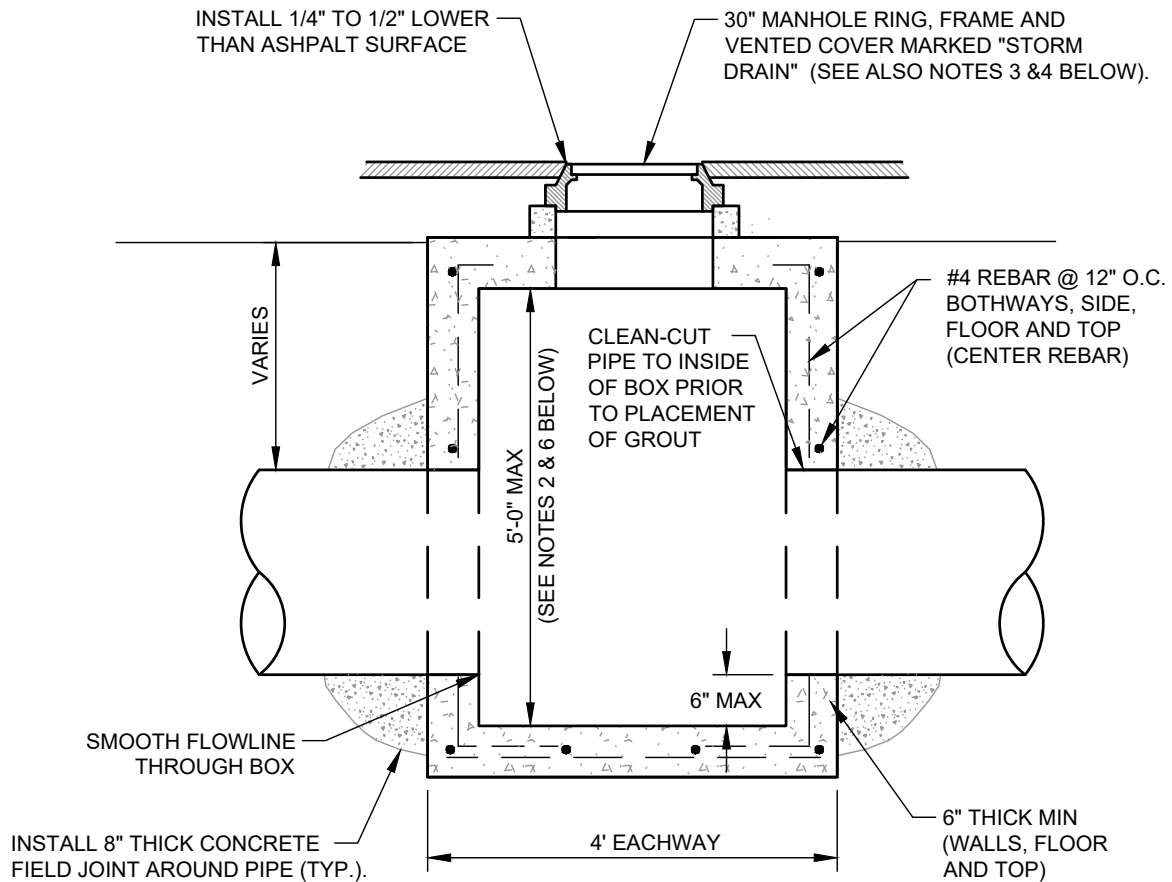
LEHI CITY

LEHI CITY STANDARD DETAIL

SEWER LATERAL

SD-05

DATE:
JANUARY 2022



NOTES:

1. AN ENGINEERED PRECAST BOX MAY BE ALLOWED AS APPROVED BY THE CITY
2. FOR DEPTHS NOT TO EXCEED 5', OTHERWISE USE STANDARD LINE OR JUNCTION MANHOLE
3. MANHOLE RING & COVER SHALL MATCH GRADE & CROSS SLOPE OF ROADWAY. (TWIST, ROTATING OR ADJUSTABLE MANHOLE RING & COVER MAY BE REQUIRED).
4. VENTED RING, COVER & BOX SHALL BE CAPABLE OF SUPPORTING TRAFFIC LOADS. RING & COVER MAY BE SUBSTITUTED WITH A GRATED LID WHEN OUTSIDE OF PAVED ROADWAY AREAS (AS APPROVED BY THE CITY ENGINEER OR PUBLIC WORKS DIRECTOR), BUT SHALL ALSO BE CAPABLE OF SUPPORTING TRAFFIC LOADS.
5. 3'X3' I.D. CLEANOUT BOX MAY BE REQUIRED IF MORE THAN ONE PIPE ENTERS / EXITS BOX.
6. BMP "SNOOT" MAY BE REQUIRED WITHIN STORM DRAINAGE BOXES TO MEET STORM WATER QUALITY REQUIREMENT. CLEAN OUT BOX DEPTH SHALL BE MODIFIED TO MEET "SNOOT" MANUFACTURER'S GUIDELINES. ORIFICE PLATES SHOULD NOT BE INSTALLED BEHIND "SNOOT" HOODS.



LEHI CITY

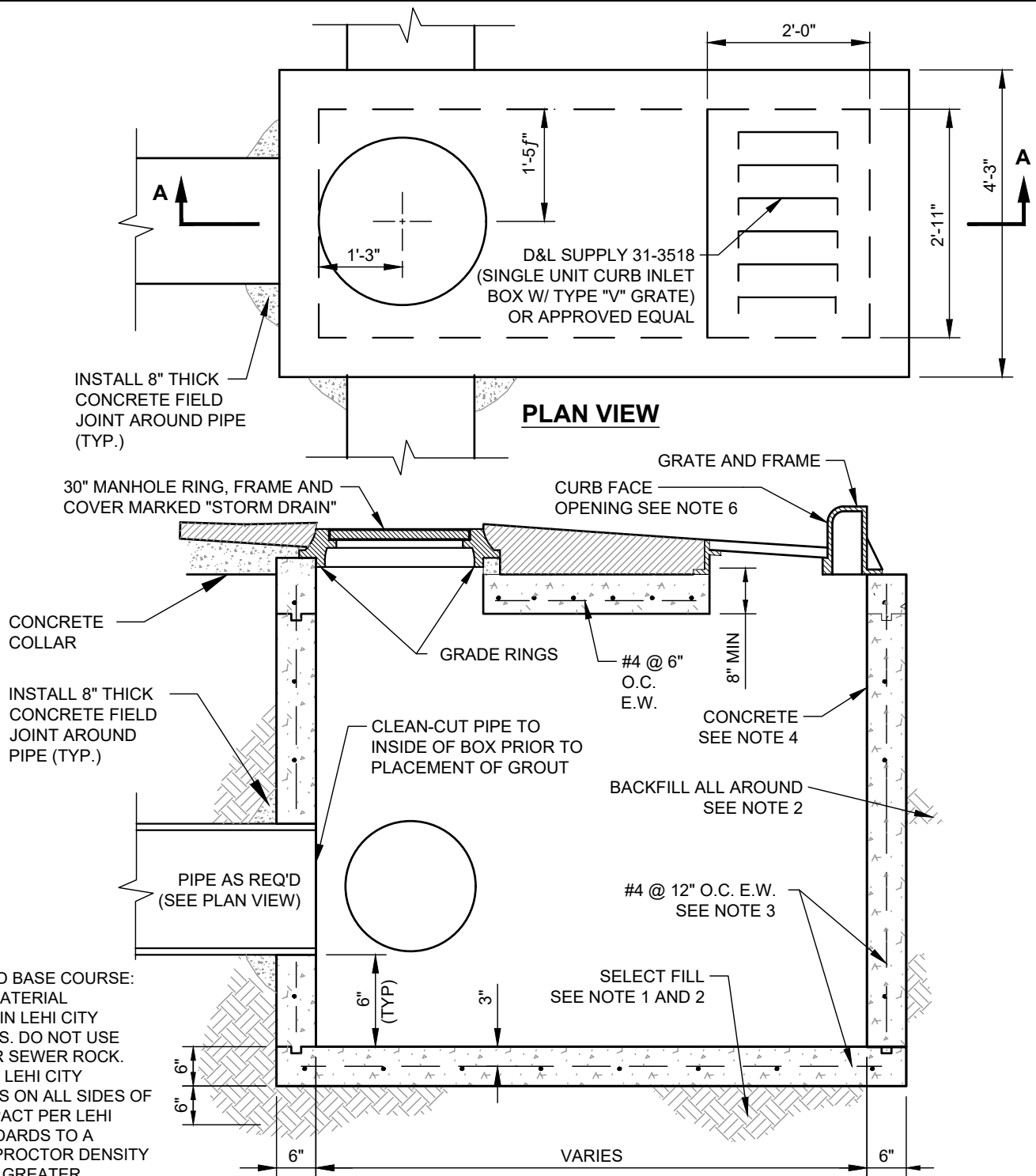
LEHI CITY STANDARD DETAIL

DRAIN CLEAN-OUT BOX

SD-06

DATE:
JANUARY 2022





NOTES:

1. UNTREATED BASE COURSE: PROVIDE MATERIAL SPECIFIED IN LEHI CITY STANDARDS. DO NOT USE GRAVEL OR SEWER ROCK. PLACE PER LEHI CITY STANDARDS ON ALL SIDES OF BOX. COMPACT PER LEHI CITY STANDARDS TO A MODIFIED PROCTOR DENSITY OF 95% OR GREATER. MAXIMUM LIFT THICKNESS IS 8" BEFORE COMPACTION.
2. BACKFILL: PROVIDE AND PLACE PER LEHI CITY STANDARDS ON ALL SIDES OF BOX. COMPACT PER LEHI CITY STANDARDS TO A MODIFIED PROCTOR DENSITY OF 95% OR GREATER. MAXIMUM LIFT THICKNESS IS 8" BEFORE COMPACTION.
3. REINFORCEMENT: ASTM A 615, GRADE 60, DEFORMED STEEL. SEE LEHI CITY STANDARDS.
4. CONCRETE: CLASS 4000 PER LEHI CITY STANDARDS. PLACE PER LEHI CITY STANDARDS. CURE PER LEHI CITY STANDARDS.
5. MANHOLE STEPS: PROVIDE COPOLYMER POLYPROPYLENE PLASTIC COATED MANHOLE STEPS IN BOXES OVER FOUR FEET DEEP. PLACE BOTTOM STEP SIX INCHES ABOVE BOTTOM OF FLOOR. INSTALLATION OF STEPS SHALL BE WATERPROOFED.
6. CURB FACE OPENING: MAKE OPENING AT LEAST 4 INCHES HIGH. PROVIDE AT LEAST A 2 INCH DROP FROM THE CONCRETE GUTTER FLOWLINE TO THE TOP OF THE GRATE AT THE CURB FACE OPENING.
7. BMP "SNOUT" MAY BE REQUIRED WITHIN STORM DRAINAGE BOXES TO MEET STORM WATER QUALITY REQUIREMENTS. COMBO BOX DEPTH SHALL BE MODIFIED TO MEET "SNOUT" MANUFACTURER'S GUIDELINES. ORIFICE PLATES SHOULD NOT BE INSTALLED BEHIND "SNOUT" HOODS.



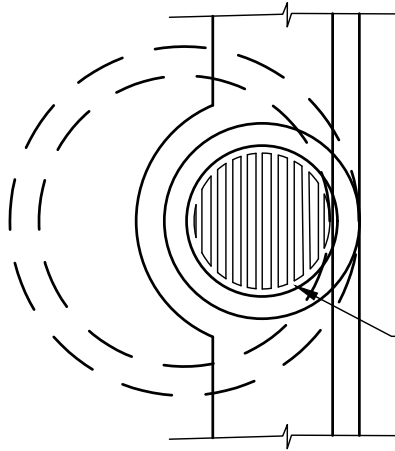
LEHI CITY

LEHI CITY STANDARD DETAIL

COMBO BOX

SD-08

DATE:
JANUARY 2022



BICYCLE SAFE DROP INLET.
GRATE AND FRAME TO BE
GALVANIZED

PLAN

INSTALL 8" THICK
CONCRETE FIELD JOINT
AROUND PIPE (TYP.)

12" STORM DRAIN PIPE
FROM CATCH BASIN ON
OPPOSITE SIDE CURB
AND GUTTER (OPTIONAL)

CLEAN-CUT PIPE TO
INSIDE OF BOX PRIOR TO
PLACEMENT OF GROUT

1 1/2" DIA DRAIN
HOLE 12" O.C.

6" CONCRETE

5'-0" INSIDE DIA.

OVERFLOW TO DRAINAGE
APPROVED BY CITY
ENGINEER, IF REQUIRED

3'-0" ECCENTRIC
CONE

WALL SECTIONS
DEPTH VARIES

1" GRAVEL AND COBBLE
DRAIN MATERIAL. 2'
SURROUNDING OUTSIDE
OF LOWER SECTIONS
AND UNDER BOTTOM

INSTALL SEPARATION FABRIC.
LAP ALL SEAMS A MIN. OF 12"

SECTION

NOTE:

1. ALTERNATIVE SUMP DESIGNS MAY BE
REQUIRED DEPENDING ON GROUND WATER TABLE.



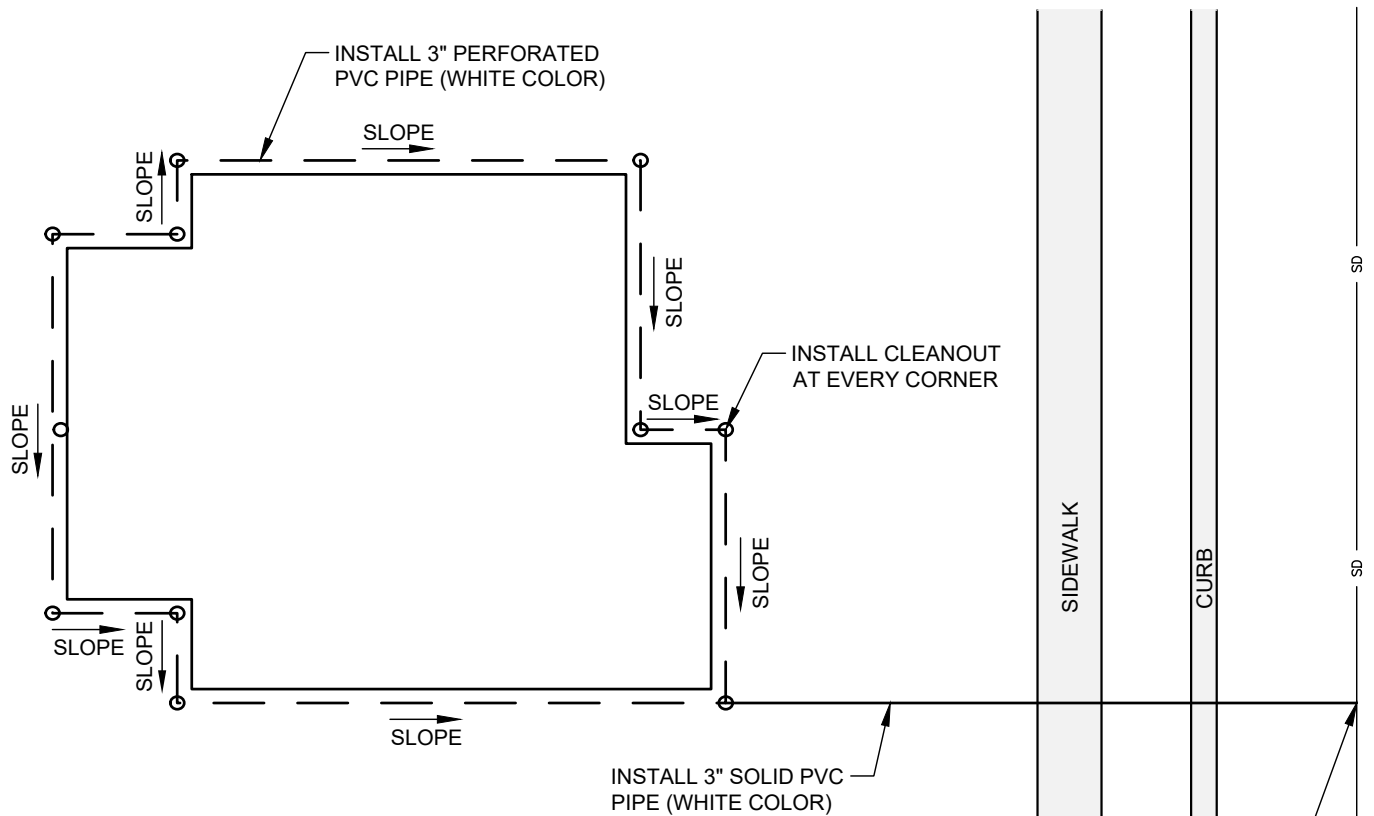
LEHI CITY

LEHI CITY STANDARD DETAIL

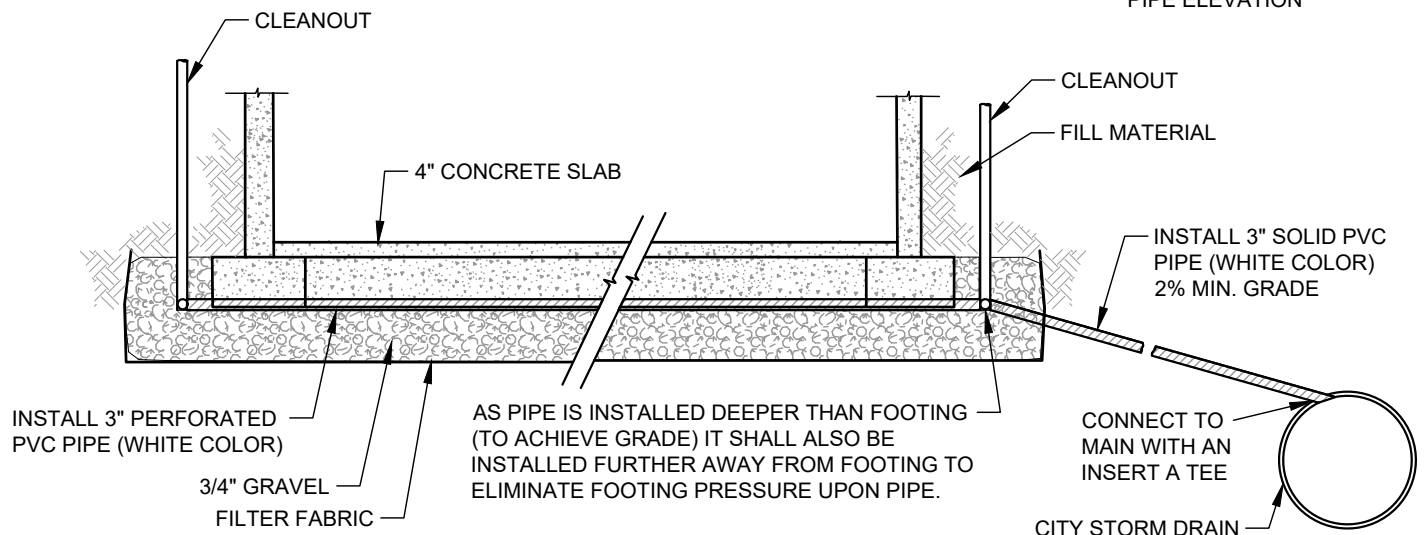
STORM WATER SUMP

SD-09

DATE:
JANUARY 2022



PLAN



SECTION

NOTE:

1. SUBSURFACE DRAIN FIGURES SHOWN ABOVE ARE FOR REFERENCE ONLY. A SITE-SPECIFIC GEOTECHNICAL REPORT SHALL BE SUBMITTED SHOWING THE DEPTHS, SIZES, AND LOCATIONS OF ALL PROPOSED SUBSURFACE DRAINAGE PIPING.

NOTE: ONLY ALLOWED AS AUTHORIZED OR DIRECTED BY THE STORM WATER SUPERINTENDENT AND BUILDING OFFICIAL



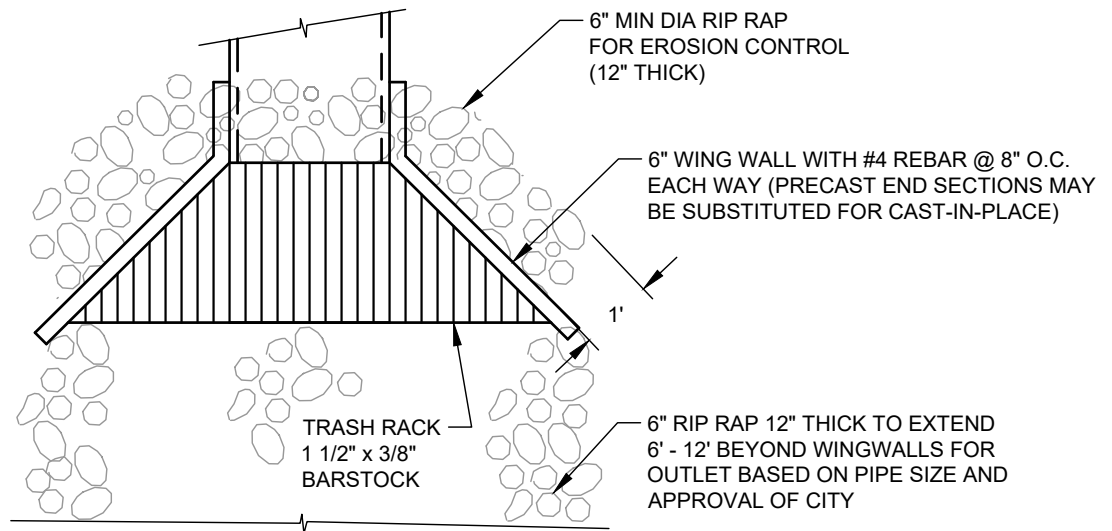
LEHI CITY

LEHI CITY STANDARD DETAIL

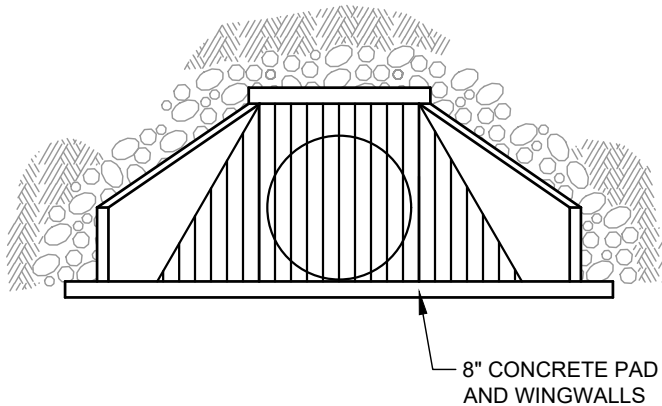
**BUILDING SUBSURFACE
DRAINS**

SD-10

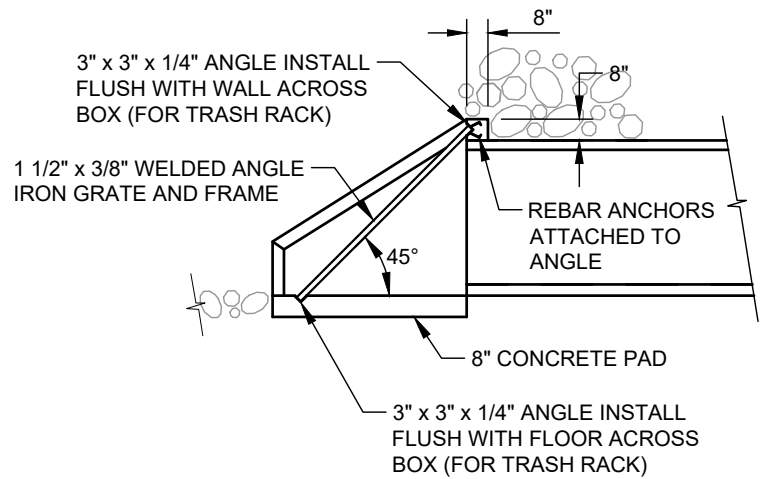
DATE:
JANUARY 2022



PLAN VIEW



FRONT VIEW



SECTION VIEW

NOTES:

1. USE TRASH RACK FOR INLETS ONLY, NOT REQUIRED ON OUTLETS.
2. OPENING BETWEEN THE BARS SHALL NOT EXCEED 2".
3. HYDRAULIC DESIGN CALCULATIONS MAY BE REQUIRED FOR HEADWALL / RIP-RAP DESIGN APPROVALS.
4. HEADWALL, GRATING, RIP-RAP SIZING AND FLOW CALCULATIONS MUST BE APPROVED BY LEHI CITY ENGINEER PRIOR TO CONSTRUCTION.



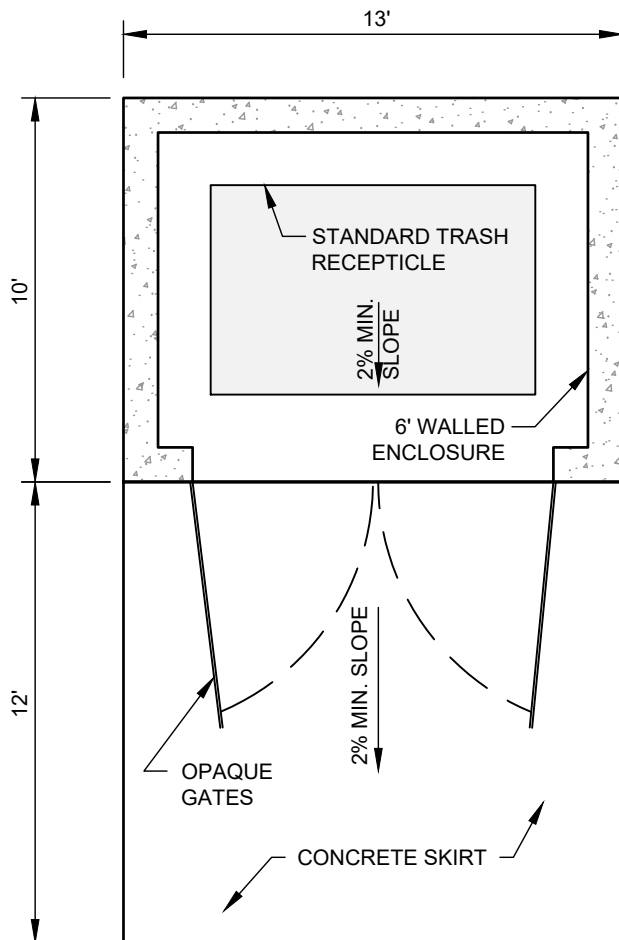
LEHI CITY

LEHI CITY STANDARD DETAIL

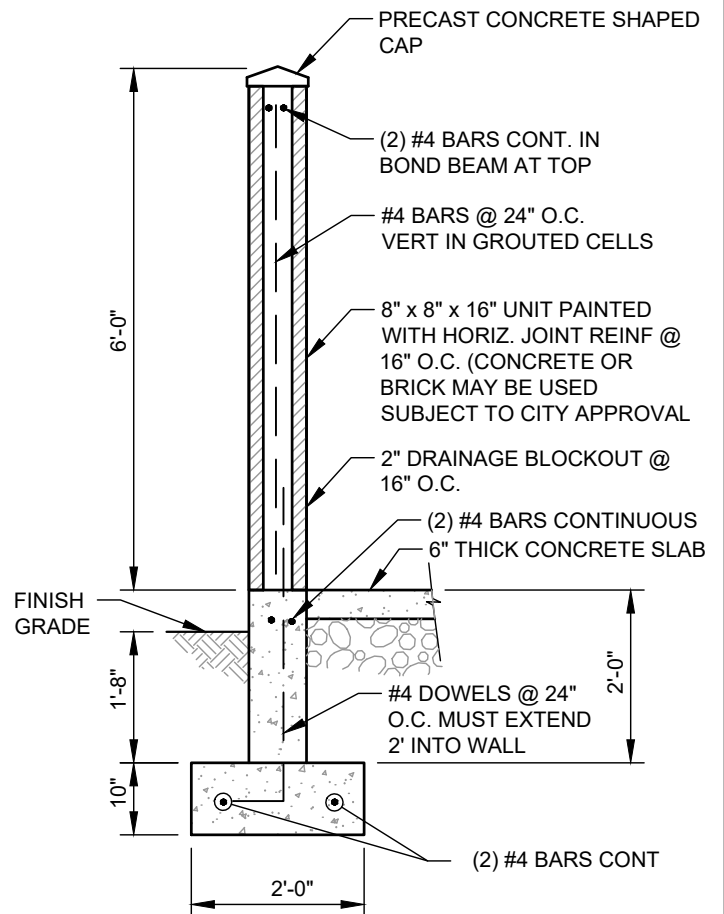
HEADWALL DETAIL

SD-11

DATE:
JANUARY 2022



DUMPSTER



**TRASH ENCLOSURE
WALL DETAIL**

NOTES

ALTERNATE DESIGNS MAY BE USED AS
APPROVED BY THE BUILDING OFFICIAL



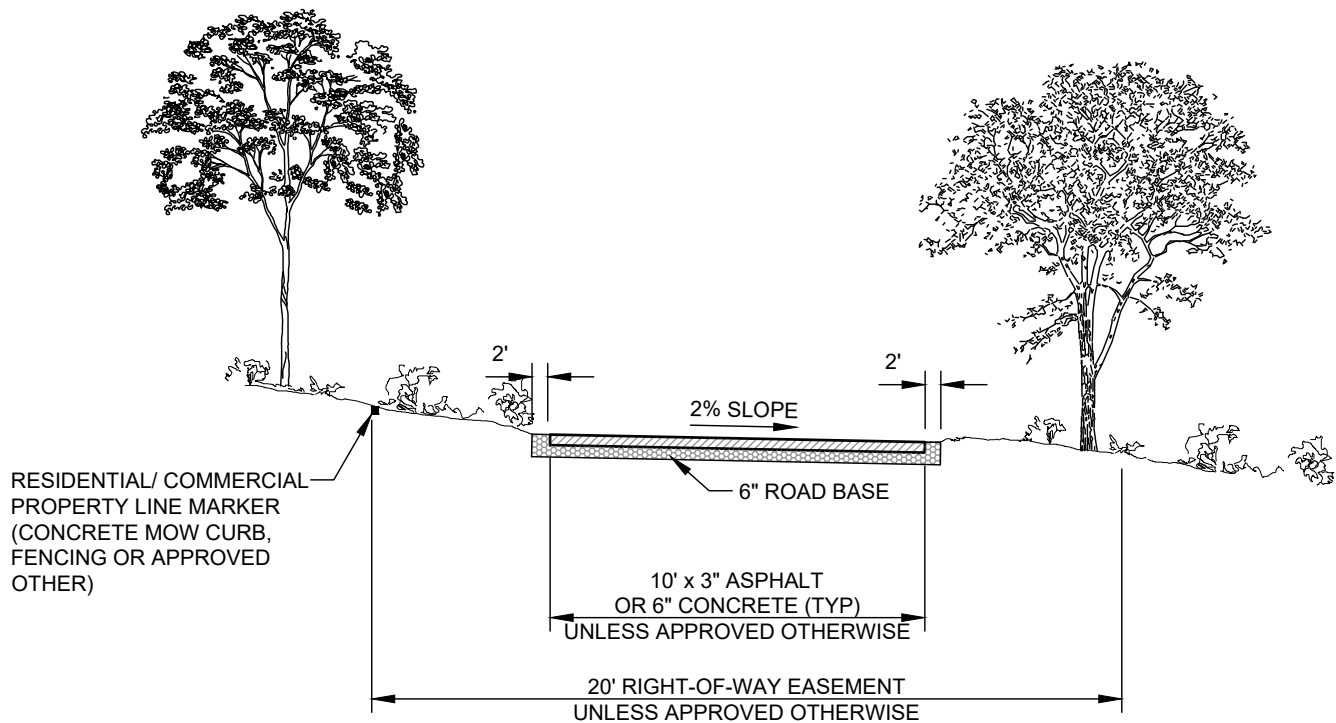
LEHI CITY

LEHI CITY STANDARD DETAIL

TRASH ENCLOSURE

TE-01

DATE:
JANUARY 2022



PROVIDE A TRAIL RAMP DETAIL?
RAMP WIDTHS MATCH TRAIL WIDTH

NOTES:

1. CROSS SECTION MAY BE ADJUSTED DEPENDING ON EXISTING CONSTRAINTS AS APPROVED BY THE LEHI CITY ENGINEER.
2. 2' COMPACTED SHOULDER MUST SLOPE AT A 6:1 MAX SLOPE ON EACH SIDE OF THE PAVED TRAIL.
3. SLOPE TRAIL 2% TO AVOID PONDING. PROVIDE DRAINAGE IMPROVEMENTS ALONG TRAIL AS REQUIRED TO CONVEY POSSIBLE STORM FLOWS.
4. CONTRACTOR SHALL REMOVE ALL FOLIAGE, ROOTS AND WASTE MATERIALS WITHIN A 12" ZONE BENEATH BASE COURSE. 12" ZONE SHALL THEN BE COMPACTED PRIOR TO THE PLACEMENT OF ROAD BASE COURSE. CONTRACTOR SHALL ALSO PLACE GROUND STERILANT PRIOR TO PLACEMENT OF ROAD BASE.
5. ALL PEDESTRIAN TRAIL DESIGN PLANS SHALL BE REVIEWED AND APPROVED BY LEHI CITY STAFF PRIOR TO CONSTRUCTION.
6. ADA AND PEDESTRIAN RAMPS SHALL MATCH THE WIDTH OF THE TRAIL.



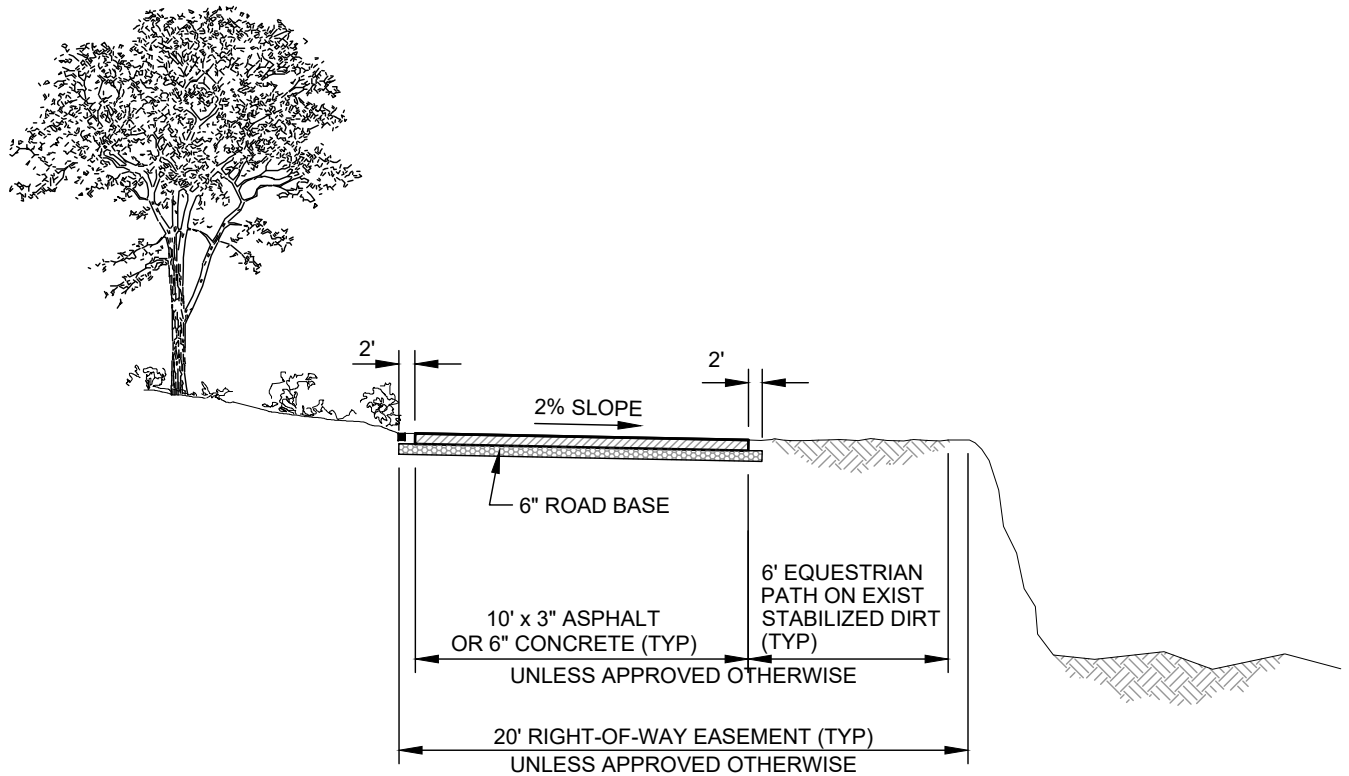
LEHI CITY

LEHI CITY STANDARD DETAIL

**BICYCLE / PEDESTRIAN
SHARED USE TRAIL**

TR-01

DATE:
JANUARY 2022



NOTES:

1. CROSS SECTION MAY BE ADJUSTED DEPENDING ON EXISTING CONSTRAINTS AS APPROVED BY THE LEHI CITY ENGINEER.
2. 2' COMPACTED SHOULDER MUST SLOPE AT A 6:1 MAX SLOPE ON EACH SIDE OF THE PAVED TRAIL.
3. SLOPE TRAIL 2% TO AVOID PONDING. PROVIDE DRAINAGE IMPROVEMENTS ALONG TRAIL AS REQUIRED TO CONVEY POSSIBLE STORM FLOWS.
4. CONTRACTOR SHALL REMOVE ALL FOLIAGE, ROOTS AND WASTE MATERIALS WITHIN A 12" ZONE BENEATH BASE COURSE. 12" ZONE SHALL THEN BE COMPACTED PRIOR TO THE PLACEMENT OF ROAD BASE COURSE. CONTRACTOR SHALL ALSO PLACE GROUND STERILANT PRIOR TO PLACEMENT OF ROAD BASE.
5. ALL PEDESTRIAN TRAIL DESIGN PLANS SHALL BE REVIEWED AND APPROVED BY LEHI CITY STAFF PRIOR TO CONSTRUCTION.



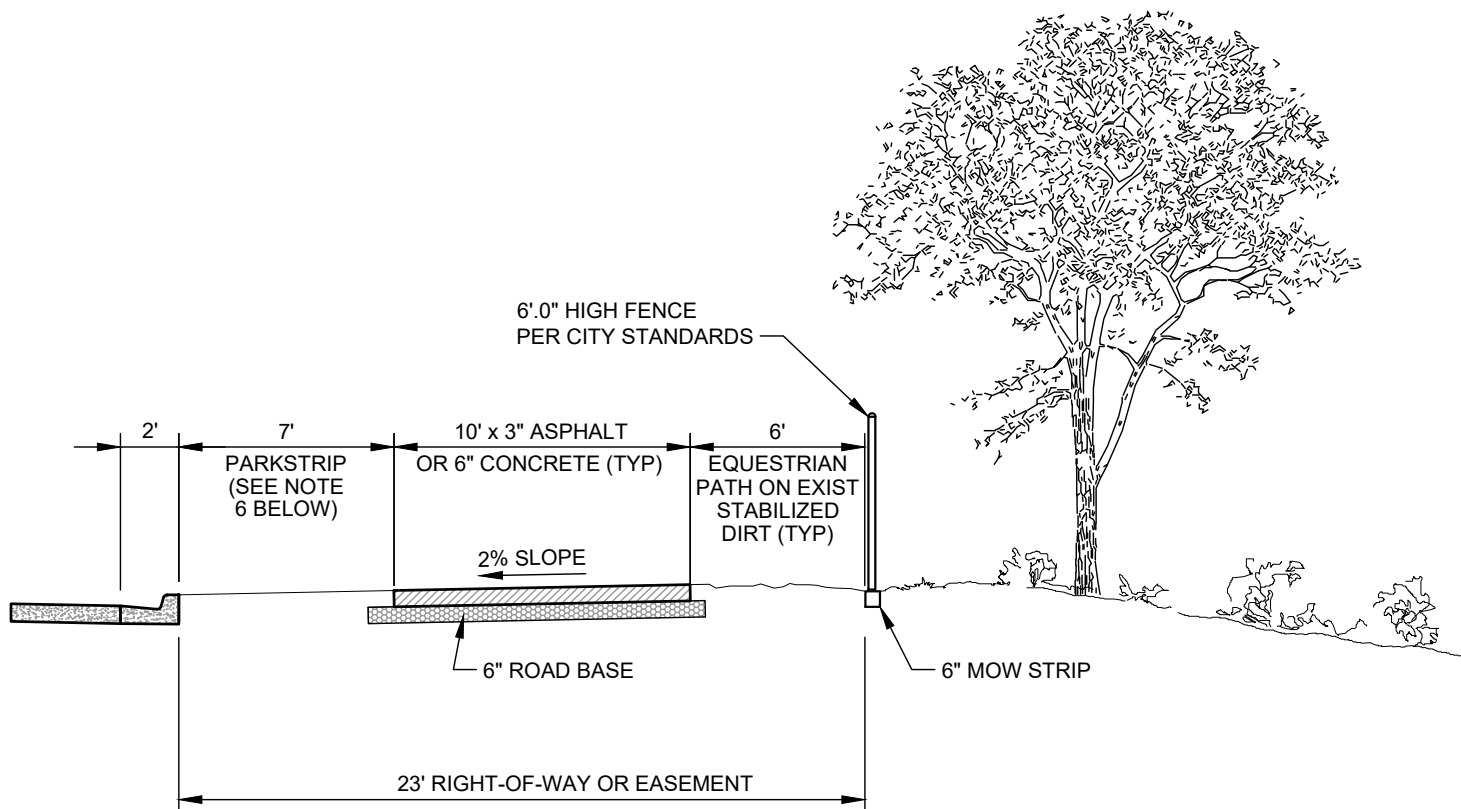
LEHI CITY

LEHI CITY STANDARD DETAIL

**BICYCLE / PEDESTRIAN
& EQUESTRIAN
SHARED USE TRAIL**

TR-02

DATE:
JANUARY 2022



NOTES:

1. CROSS SECTION MAY BE ADJUSTED DEPENDING ON EXISTING CONSTRAINTS AS APPROVED BY THE LEHI CITY ENGINEER.
2. 2' COMPACTED SHOULDER MUST SLOPE AT A 6:1 MAX SLOPE ON EACH SIDE OF THE PAVED TRAIL.
3. SLOPE TRAIL 2% TO AVOID PONDING. PROVIDE DRAINAGE IMPROVEMENTS ALONG TRAIL AS REQUIRED TO CONVEY POSSIBLE STORM FLOWS.
4. CONTRACTOR SHALL REMOVE ALL FOLIAGE, ROOTS AND WASTE MATERIALS WITHIN A 12" ZONE BENEATH BASE COURSE. 12" ZONE SHALL THEN BE COMPACTED PRIOR TO THE PLACEMENT OF ROAD BASE COURSE. CONTRACTOR SHALL ALSO PLACE GROUND STERILANT PRIOR TO PLACEMENT OF ROAD BASE.
5. ALL PEDESTRIAN TRAIL DESIGN PLANS SHALL BE REVIEWED AND APPROVED BY LEHI CITY STAFF PRIOR TO CONSTRUCTION.
6. SEE SECTION 2 OF WRITTEN STANDARDS FOR GUIDELINES REGARDING RECOMMENDED PARK STRIP TREATMENTS.



LEHI CITY

LEHI CITY STANDARD DETAIL

**BICYCLE / PEDESTRIAN &
EQUESTRIAN SHARED USE
TRAIL ALONG ARTERIAL ROAD**

TR-03

DATE:
JANUARY 2022