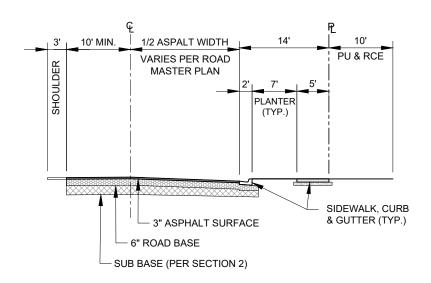


STANDARD STREET SECTION



HALF WIDTH STREET SECTION

NOTES:

- VARIANCES TO THE UTILITY LOCATIONS OR CROSS SECTION SHOWN MUST BE APPROVED BY LEHI CITY.
- 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. PUBLIC UTILITY AND ROADWAY CONSTRUCTION EASEMENT (PU & RCE).
- 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.

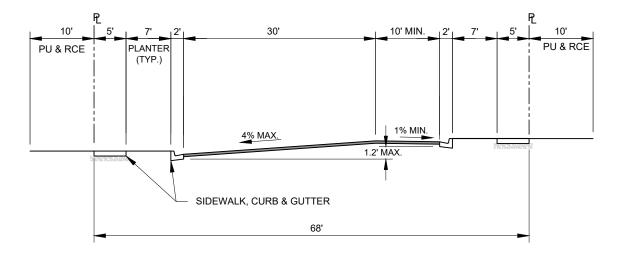


LEHI CITY STANDARD DETAIL

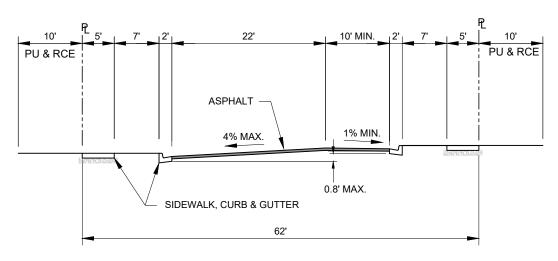
STANDARD STREET CROSS SECTION & UTILITY LOCATIONS

RD-02

MAY 2024



COLLECTOR ROAD



MINOR STREET

NOTES:

- 1. THE USE OF THESE CROSS SECTIONS IS SUBJECT TO THE APPROVAL OF THE CITY ENGINEER.
- 2. PUBLIC UTILITY AND ROADWAY CONSTRUCTION EASEMENT (PU & RCE).

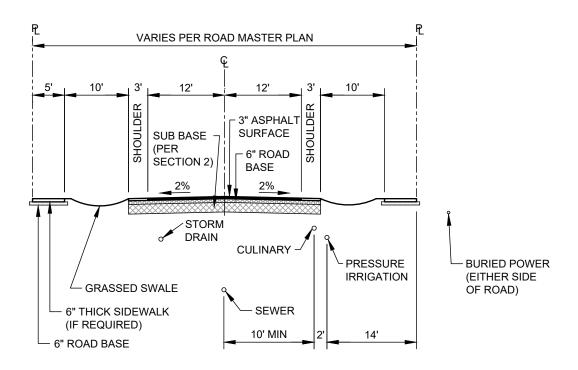


LEHI CITY STANDARD DETAIL

CURBS AT UNEQUAL ELEVATIONS

RD-03

DATE: MAY 2024



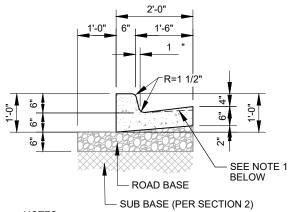
RURAL STREET SECTION



LEHI CITY STANDARD DETAIL

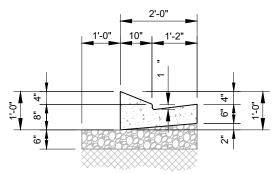
RURAL STREET CROSS SECTION AND UTILITY LOCATIONS

RD-04



 PAN OF GUTTER SHALL BE FLATTENED TO A 5% MAX. GRADE WITHIN "CLEAR SPACE" OF ADA RAMPS

HIGH BACK CURB & GUTTER



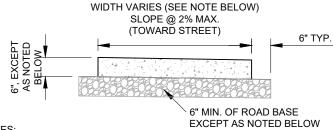
NOTES:

- 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)

NOTES:

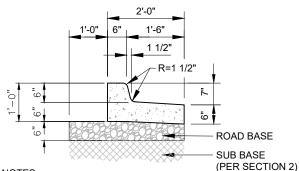
- 1. PLACE EXPANSION JOINTS (JOINT FILLER MATERIAL)
 EVERY 50' ALONG CURB, GUTTER & SIDEWALK SECTIONS. JOINTS TO BE
 PLACED THE FULL DEPTH OF CONCRETE PLUS 1", FLUSH WITH TOP OF
 CONCRETE.
- 2. CONTRACTION JOINTS ALONG CURB & GUTTER SECTIONS SHOULD BE PLACED AT INTERVALS NOT TO EXCEED 10'.
- 3. CONTRACTION 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.
- WHEN CURB, GUTTER OR SIDEWALK MUST BE REMOVED & REPLACED, FOLLOW WRITTEN GUIDELINES IN SECTION 5.



NOTES:

- 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
- SIDEWALK THICKNESS MAY BE 5" AND ROAD BASE THICKNESS 4"
 OUTSIDE OF SUBDIVISIONS IN AREA WITH NO ACCESSES AS APPROVED BY THE REVIEWING DEPARTMENTS.

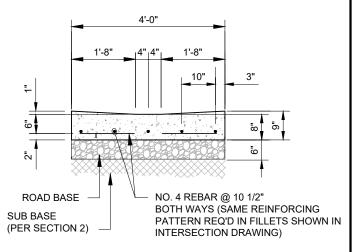
SIDEWALK



NOTES:

1. THE USE OF THIS CROSS SECTION IS SUBJECT TO APPROVAL OF THE CITY ENGINEER

REVERSE SLOPE CURB & GUTTER



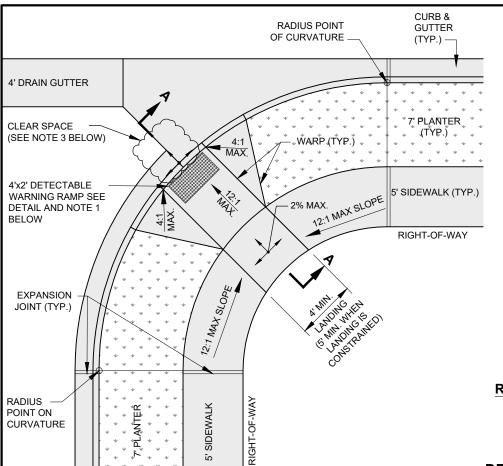
4' DRAIN GUTTER



LEHI CITY STANDARD DETAIL

CURB, GUTTER AND SIDEWALK

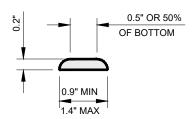
RD-05



PLAN VIEW

* SPACING 1.2" MIN. 1.6" MAX.

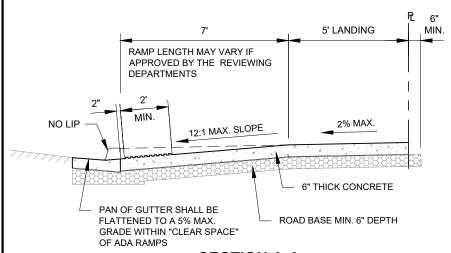
DETECTABLE RAMP DETAIL



RAISED TRUNCATED DOME DETAIL

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

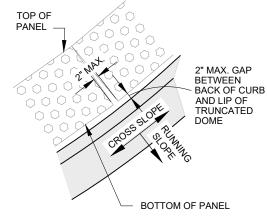
DETECTABLE WARNING DETAILS



SECTION A-A

GENERAL NOTES:

- 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.
- 3. 4'x4' MIN. CLEAR SPACE REQUIRED.
 - a. MAX. 5% GRADE ALONG RUNNING SLOPE.
 - b. CROSS SLOPE WITHIN CLEAR SPACE
 - i. MAX. 2% GRADE WHEN EITHER LEG OF INTERSECTION IS STOP CONTROLLED
 - ii. MAX. 5% GRADE WHEN INTERSECTION IS UNCONTROLLED OR SIGNAL CONTROLLED
- 4. PEDESTRIAN BUTTON (OR RELATED APPURTENANCES) SHALL BE 40" 44" ABOVE LANDING AND A MAXIMUM OF 10" FROM THE LANDING.



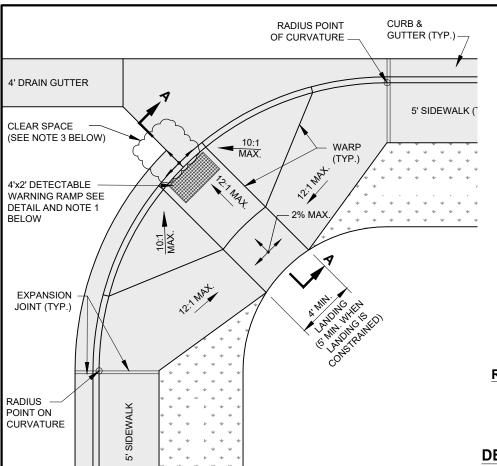
DETECTABLE WARNING SURFACE PANEL GAP DETAIL

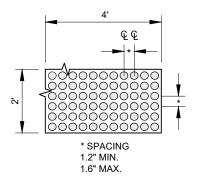


LEHI CITY STANDARD DETAIL

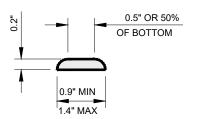
ADA RAMP PLANTER STRIP (AT INTERSECTION)

RD-06





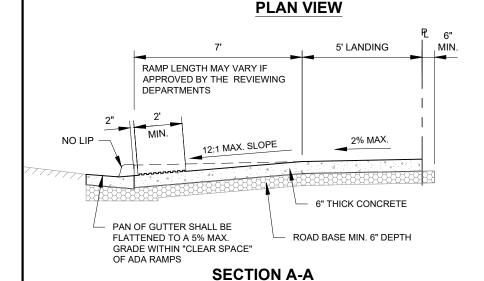
DETECTABLE RAMP DETAIL



RAISED TRUNCATED DOME DETAIL

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

DETECTABLE WARNING DETAILS



TOP OF PANEL 2" MAX. GAP BETWEEN BACK OF CURB AND LIP OF TRUNCATED DOME BOTTOM OF PANEL

DETECTABLE WARNING SURFACE PANEL GAP DETAIL

GENERAL NOTES:

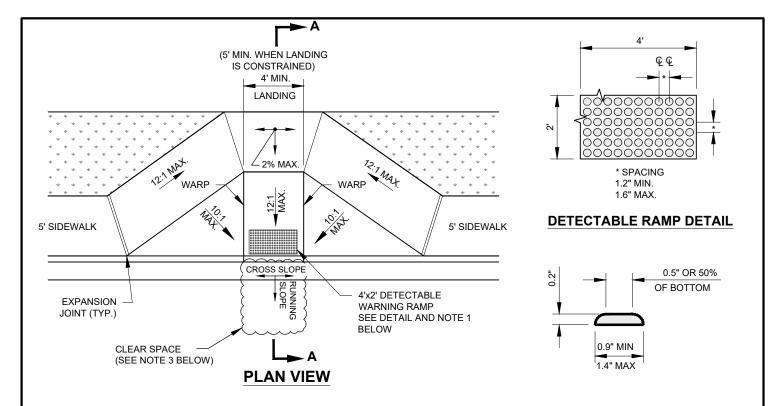
- ROAD/FIELD GRADES MAY REQUIRE ADJUSTMENT AS PER APPROVAL BY PUBLIC WORKS DEPARTMENT
- 2. DETECTABLE WARNING SURFACES SHALL EXTEND (24 IN) MINIMUM IN THE DIRECTION OF TRAVEL AND THE FULL WIDTH OF THE CURB RAMP (EXCLUSIVE OF FLARES), THE LANDING, OR THE BLENDED TRANSITION.
- 3. 4'x4' MIN. CLEAR SPACE REQUIRED.
 - a. MAX. 5% GRADE ALONG RUNNING SLOPE.
 - b. CROSS SLOPE WITHIN CLEAR SPACE
 - i. MAX. 2% GRADE WHEN EITHER LEG OF INTERSECTION IS STOP CONTROLLED
 - ii. MAX. 5% GRADE WHEN INTERSECTION IS UNCONTROLLED OR SIGNAL CONTROLLED
- 4. PEDESTRIAN BUTTON (OR RELATED APPURTENANCES) SHALL BE 40" 44" ABOVE LANDING AND A MAXIMUM OF 10" FROM THE LANDING.



LEHI CITY STANDARD DETAIL

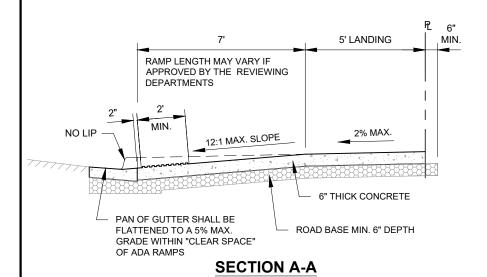
ADA RAMP COMBINATION CURB, GUTTER & SIDEWALK (AT INTERSECTION)

RD-07



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

DETECTABLE WARNING DETAILS



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.
- 3. 4'x4' MIN. CLEAR SPACE REQUIRED.
 - a. MAX. 5% GRADE ALONG RUNNING SLOPE.
 - b. CROSS SLOPE WITHIN CLEAR SPACE
 - i. MAX. 2% GRADE WHEN EITHER LEG OF INTERSECTION IS STOP CONTROLLED
 - ii. MAX. 5% GRADE WHEN INTERSECTION IS UNCONTROLLED OR SIGNAL CONTROLLED
- 4. PEDESTRIAN BUTTON (OR RELATED APPURTENANCES) SHALL BE 40" 44" ABOVE LANDING AND A MAXIMUM OF 10" FROM THE LANDING.

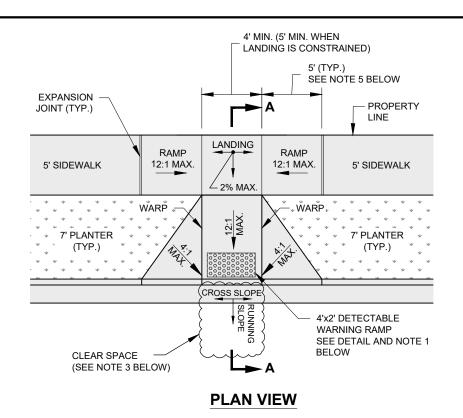


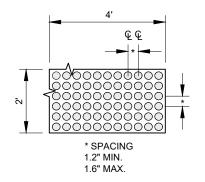
LEHI CITY STANDARD DETAIL

ADA RAMP COMBINATION CURB, GUTTER & SIDEWALK (MID BLOCK)

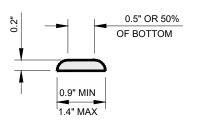
RD-08

ATE: JUNE 2024



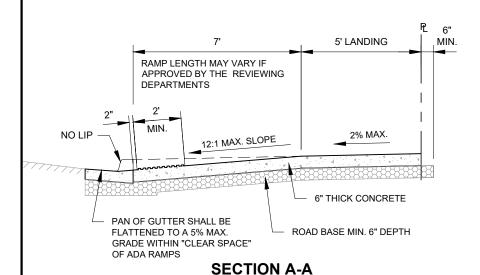


DETECTABLE RAMP DETAIL



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

DETECTABLE WARNING DETAILS



GENERAL NOTES:

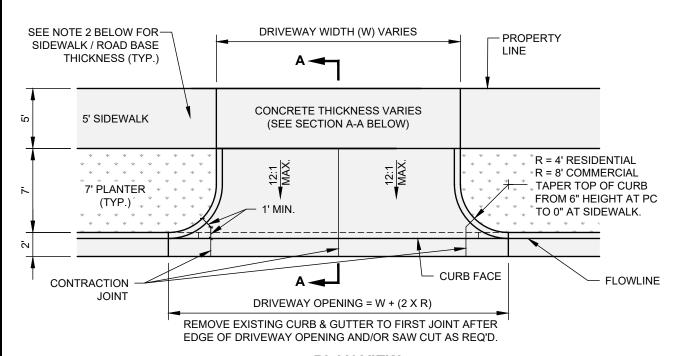
- 1. ROAD/FIELD GRADES MAY REQUIRE ADJUSTMENT AS PER APPROVAL BY PUBLIC WORKS DEPARTMENT
- 2. DETECTABLE WARNING SURFACES SHALL EXTEND (24 IN) MINIMUM IN THE DIRECTION OF TRAVEL AND THE FULL WIDTH OF THE CURB RAMP (EXCLUSIVE OF FLARES), THE LANDING, OR THE BLENDED TRANSITION.
- 3. 4'x4' MIN. CLEAR SPACE REQUIRED.
 - a. MAX. 5% GRADE ALONG RUNNING SLOPE.
 - b. CROSS SLOPE WITHIN CLEAR SPACE
 - i. MAX. 2% GRADE WHEN EITHER LEG OF INTERSECTION IS STOP CONTROLLED
 - ii. MAX. 5% GRADE WHEN INTERSECTION IS UNCONTROLLED OR SIGNAL CONTROLLED
- 4. PEDESTRIAN BUTTON (OR RELATED APPURTENANCES) SHALL BE 40" 44" ABOVE LANDING AND A MAXIMUM OF 10" FROM THE LANDING.
- 5. WHEN SIDEWALK GRADE EXCEEDS 12:1 (8.33%), SIDEWALK RAMP LENGTH SHALL BE 15' MIN.



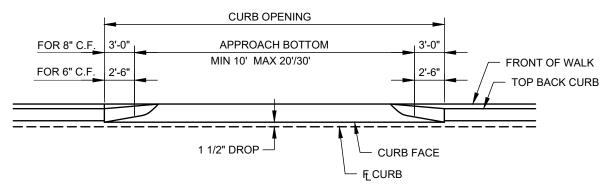
LEHI CITY STANDARD DETAIL

ADA RAMP PLANTER STRIP (MID BLOCK)

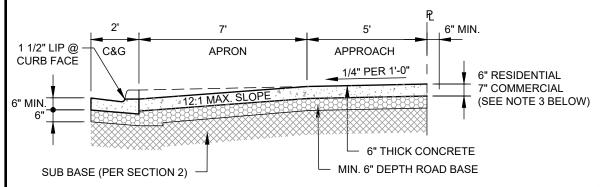
RD-09



PLAN VIEW



ELEVATION VIEW



SECTION A-A

GENERAL NOTES:

- 1. ALL PROPOSED DRIVEWAY PLACEMENTS SHALL BE INSPECTED BY THE LEHI CITY STREET DEPARTMENT PRIOR TO POURING OF CONCRETE.
- 2. IN THE EVENT THAT SIDEWALKS ARE INSTALLED PRIOR TO THE INSTALLATION OF DRIVE APPROACHES, AND THEY ARE NOT CONSTRUCTED TO MEET THE STANDARDS ABOVE, ALL NON-COMPLIANT SIDEWALK SECTIONS SHALL BE REMOVED & REPLACED AS PART OF THE DRIVE APPROACH CONSTRUCTION.
- 3. MESH, REBAR AND/OR A THICKER CONCRETE AND ROAD BASE SECTION MAY BE REQUIRED BASED UPON ANTICIPATED TRAFFIC LOADS.

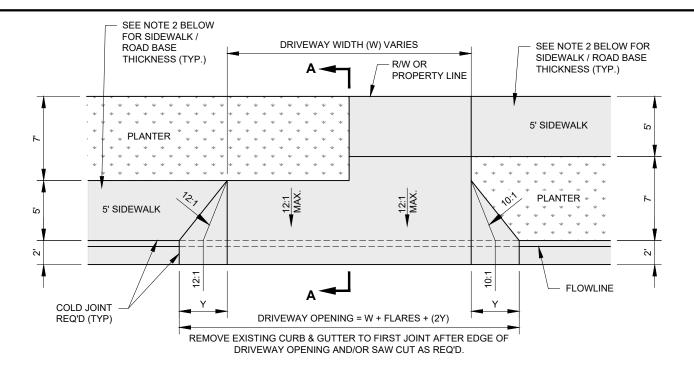


LEHI CITY STANDARD DETAIL

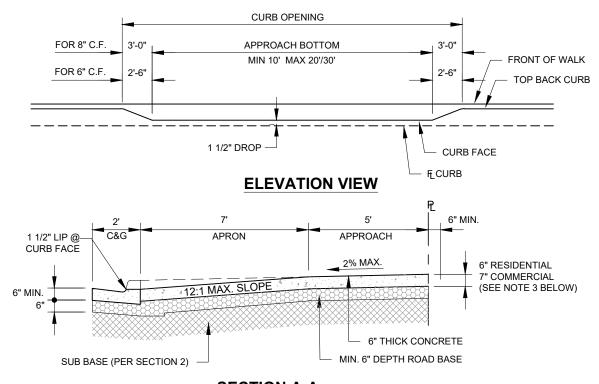
RADIUS DRIVE APPROACH

RD-10

JANUARY 2022



PLAN VIEW



SECTION A-A

GENERAL NOTES:

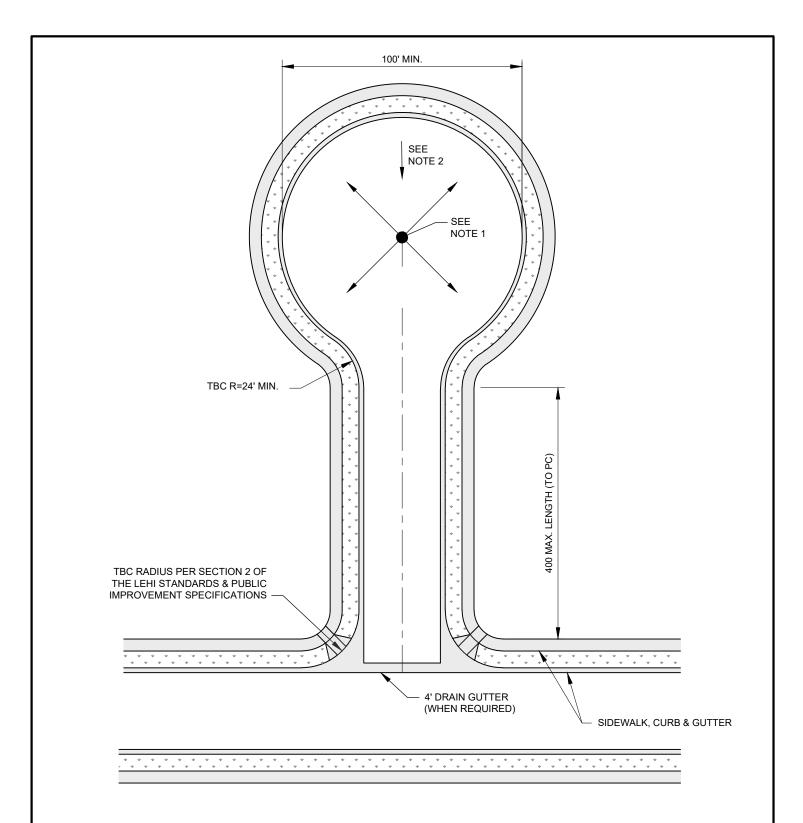
- 1. ALL PROPOSED DRIVEWAY PLACEMENTS SHALL BE INSPECTED BY THE LEHI CITY STREET DEPARTMENT PRIOR TO POURING OF CONCRETE.
- IN THE EVENT THAT SIDEWALKS ARE INSTALLED PRIOR TO THE INSTALLATION OF DRIVE APPROACHES, AND THEY ARE NOT CONSTRUCTED TO MEET THE STANDARDS ABOVE, ALL NON-COMPLIANT SIDEWALK SECTIONS SHALL BE REMOVED & REPLACED AS PART OF THE DRIVE APPROACH CONSTRUCTION.
- 3. MESH, REBAR AND/OR A THICKER CONCRETE AND ROAD BASE SECTION MAY BE REQUIRED BASED UPON ANTICIPATED TRAFFIC LOADS
- 4. MAX. DRIVEWAY WIDTH 20' FOR 2 CAR GARAGE, 30' FOR 3 CAR GARAGE
- FLARED DRIVE APPROACH MAY BE ALLOWED AND/OR REQUIRED FOR PRIVATE ACCESSES WHERE ROADWAY OR PRIVATE ACCESS VOLUMES ARE LOW (SEE ACCESS MANAGEMENT STANDARDS WITHIN SECTION 2 OF THE LEHI CITY STANDARDS & PUBLIC IMPROVEMENT SPECIFICATIONS.)



LEHI CITY STANDARD DETAIL

FLARED DRIVE APPROACH

RD-11



- 1. CUL-DE-SAC SHALL GRADE OUTWARD FROM RADIUS POINT TO CURB & GUTTER AT 2% MIN. SLOPE
- ALTERNATE CUL-DE-SAC GRADING MAY BE PROPOSED FOR REVIEW & APPROVAL BY CITY ENGINEER. (MAXIMUM SLOPE 5% ACROSS THE CUL-DE-SAC).

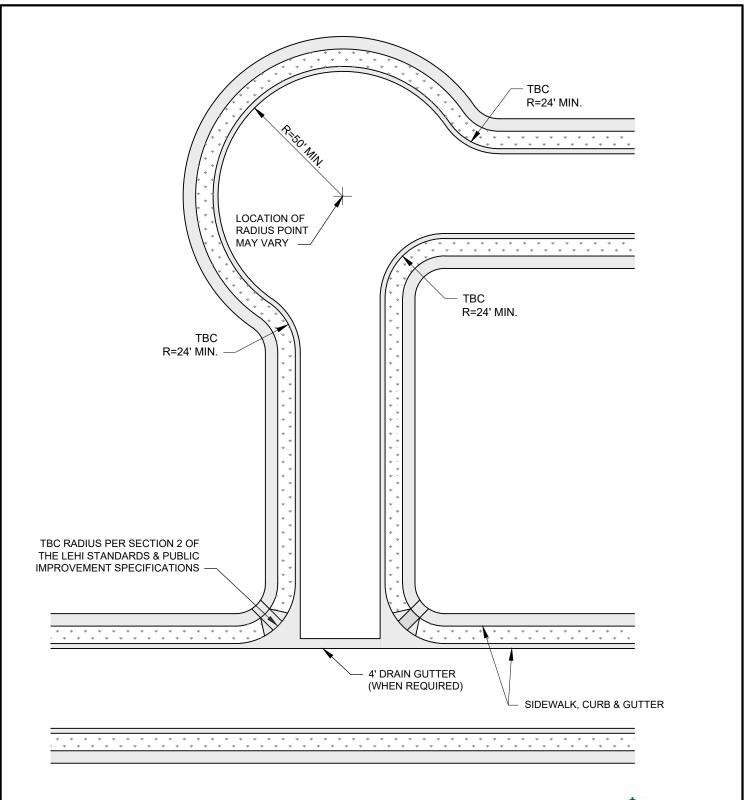


LEHI CITY STANDARD DETAIL

CUL-DE-SAC

RD-12

DATE: MAY 2024



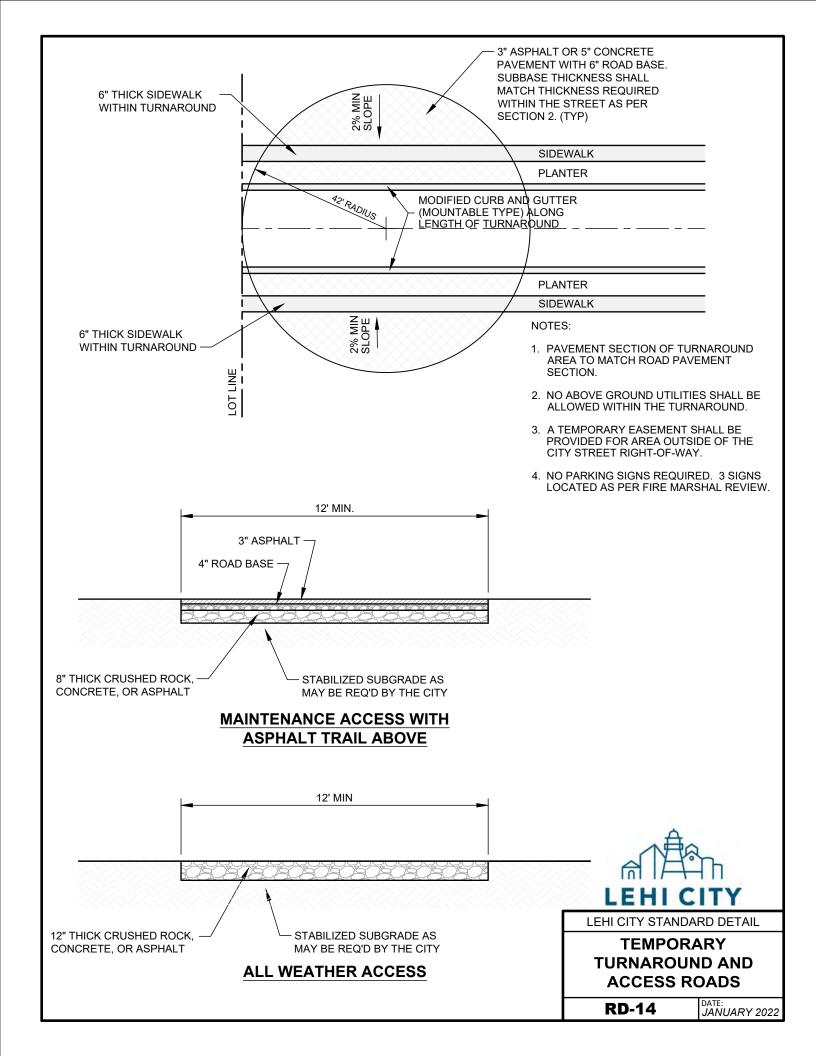


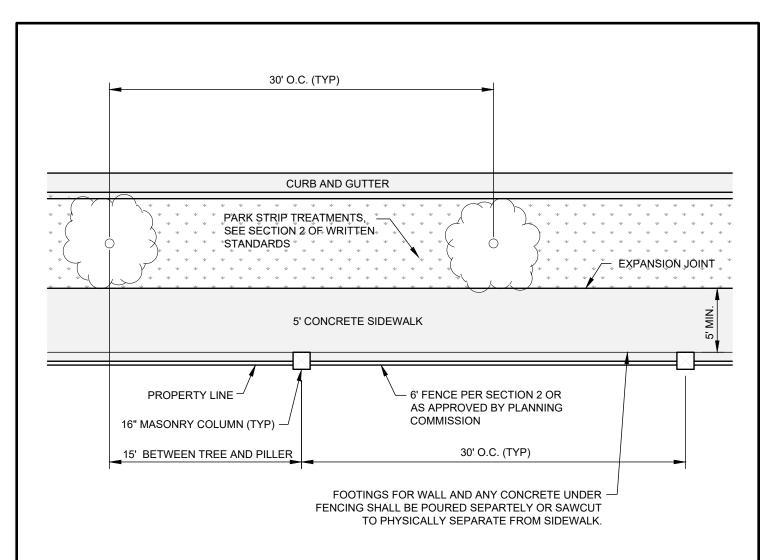
LEHI CITY STANDARD DETAIL

KNUCKLE

RD-13

DATE: MAY 2024





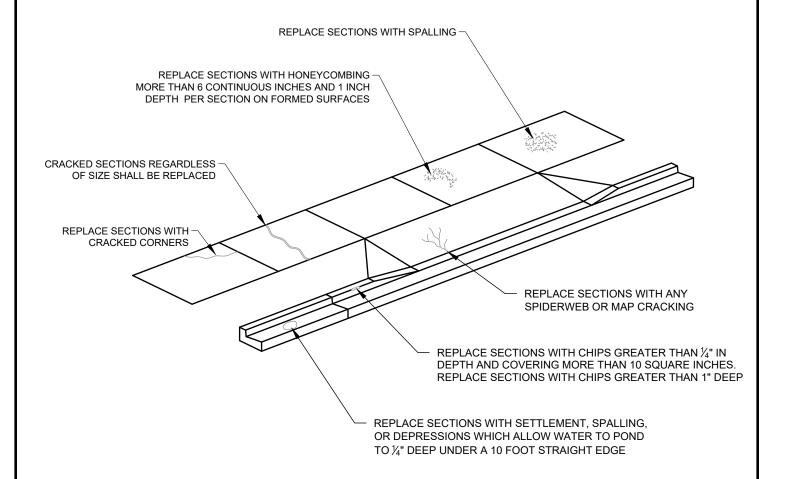
- 1. TREES IN THE PLANTER AREA SHALL BE OF A SPECIES THAT WILL NOT CAUSE ROOT DAMAGE TO CURB, GUTTER, SIDEWALK, OR ROADWAY PAVEMENT AND WILL NOT OBSTRUCT ROADWAY VISION. (TREE SPECIES TO BE APPROVED BY LEHI CITY PARKS MANAGER).
- 2. PROVIDE DRIP IRRIGATION SYSTEM. INSTALLATION TO BE COORDINATED BY DEVELOPER 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 STANDARD DETAIL

FENCING & PLANTER STRIP IMPROVEMENTS ALONG LIMITED ACCESS ROADWAYS

RD-15



- 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.

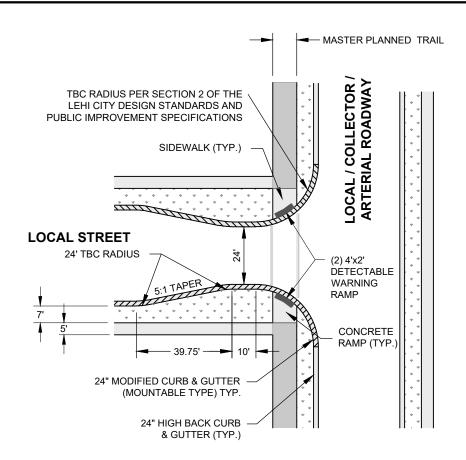


LEHI CITY STANDARD DETAIL

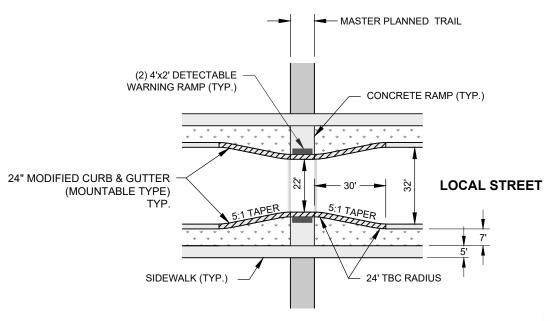
CONCRETE REPLACEMENT CRITERIA

RD-16

JANUARY 2022



INTERSECTION TRAIL CROSSING



MID-BLOCK TRAIL CROSSING

GENERAL NOTES:

1. DETECTABLE WARNING SURFACES SHALL BE PLACED WITHIN CONCRETE AND EXTEND 24 INCHES MINIMUM IN THE DIRECTION OF TRAVEL AND THE FULL WIDTH OF THE CURB RAMP (EXCLUSIVE OF FLARES), THE LANDING, OR THE BLENDED TRANSITION.

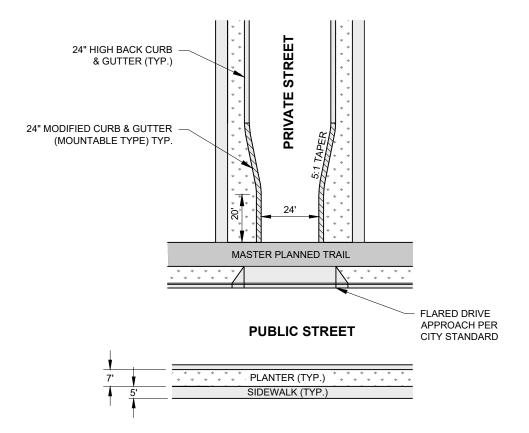


LEHI CITY STANDARD DETAIL

MASTER PLANNED
TRAIL CROSSING AT
LOCAL STREET

RD-17

ATE: MAY 2024



GENERAL NOTES:

1. THE USE OF THIS CROSS SECTION IS SUBJECT TO THE APPROVAL OF THE CITY ENGINEER.

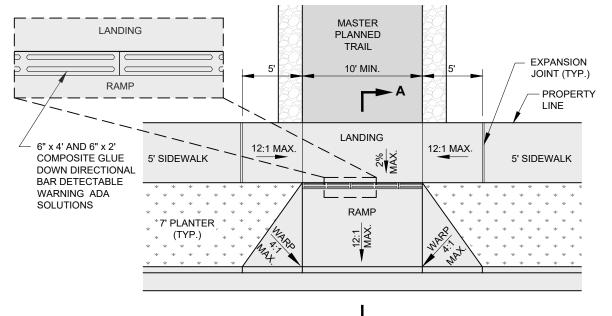


LEHI CITY STANDARD DETAIL

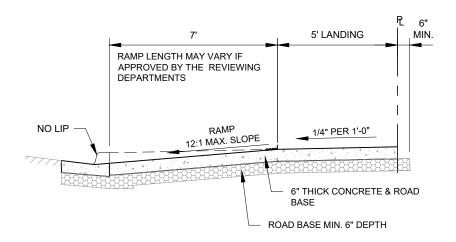
CONTINUOUS TRAIL CROSSING (PRIVATE STREETS ONLY)

RD-18

DATE: <u>MAY 2024</u>



PLAN VIEW



SECTION A-A

GENERAL NOTES:

- 1. ROAD/FIELD GRADES MAY REQUIRE ADJUSTMENT AS PER APPROVAL BY PUBLIC WORKS DEPARTMENT
- 2. DETECTABLE WARNING SURFACES SHALL BE PLACED IN CONCRETE AND EXTEND THE FULL WIDTH OF THE RAMP (EXCLUSIVE OF FLARES, THE LANDING, OR THE BLENDED TRANSITION.)
- 3. PUBLIC WORKS DEPARTMENT MUST APPROVE TYPES AND COLOR OF DETECTABLE WARNING DEVICES USED.

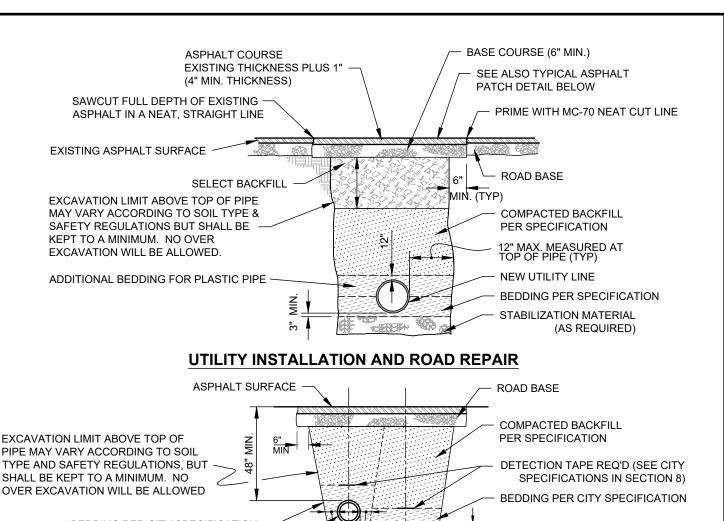


LEHI CITY STANDARD DETAIL

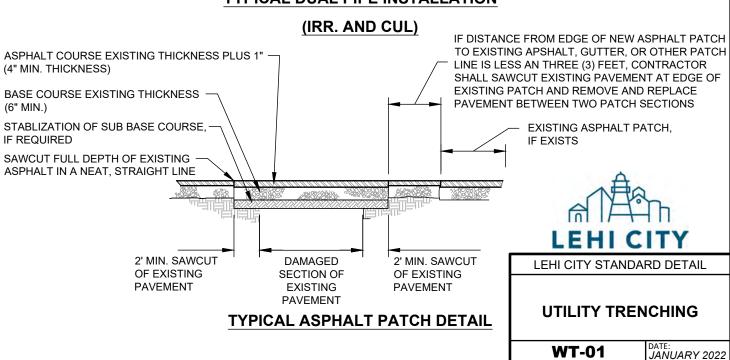
TRAIL RAMP (BIKE-TO-STREET ACCESS ONLY)

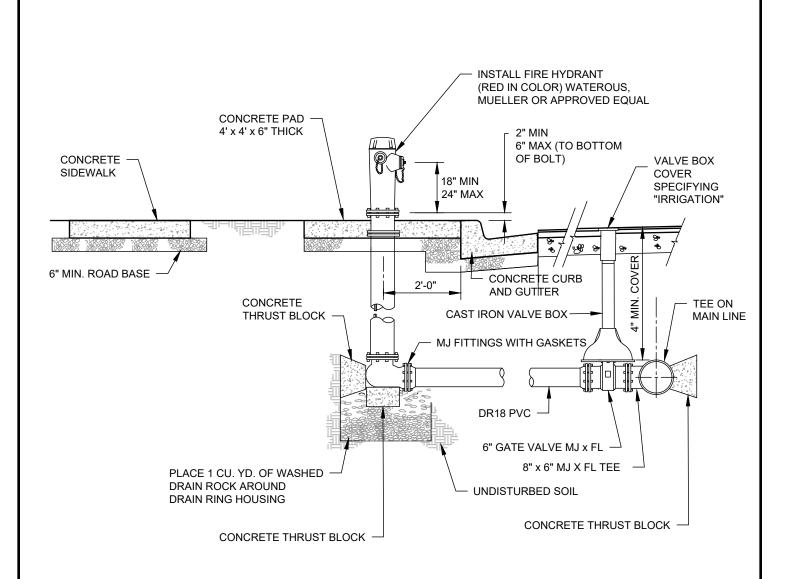
RD-19

MAY 2024



EXCAVATION LIMIT ABOVE TOP OF PIPE MAY VARY ACCORDING TO SOIL TYPE AND SAFETY REGULATIONS, BUT SHALL BE KEPT TO A MINIMUM. NO OVER EXCAVATION WILL BE ALLOWED BEDDING PER CITY SPECIFICATION BEDDING PER CITY SPECIFICATION CULINARY WATER LINE STABILATION MATERIAL (AS REQ'D) TYPICAL DUAL PIPE INSTALLATION COMPACTED BACKFILL PER SPECIFICATION DETECTION TAPE REQ'D (SEE CITY SPECIFICATION 8) BEDDING PER CITY SPECIFICATION PRESSURE IRRIGATION WATER LINE STABILATION MATERIAL (AS REQ'D)



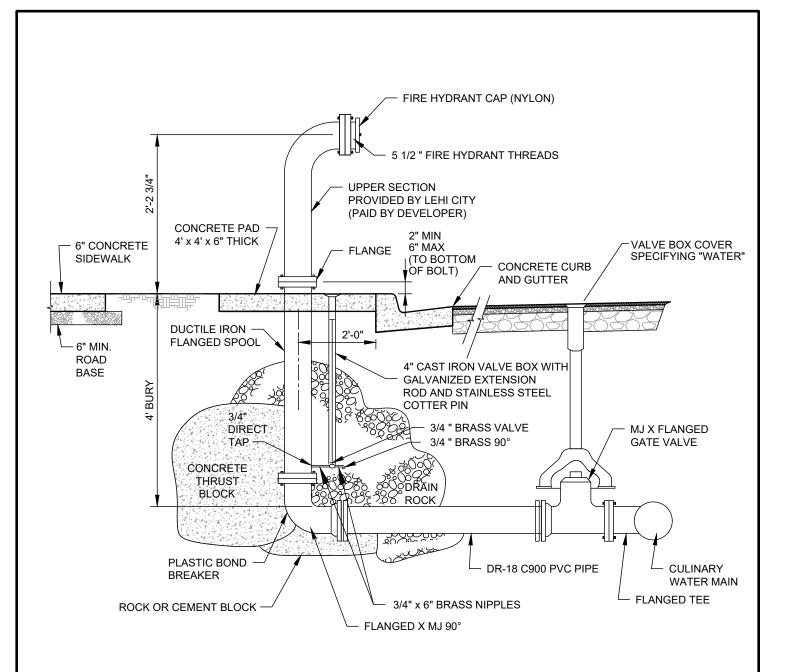


FIRE HYDRANT WITH VALVE

NOTES:

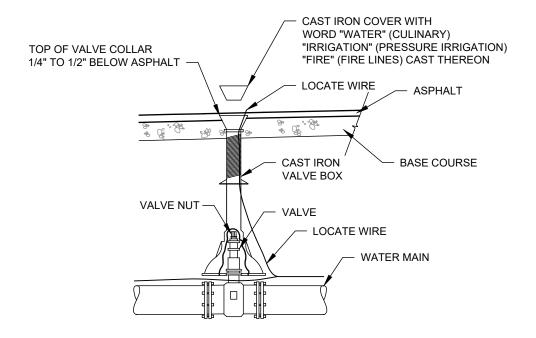
- 1. ALL BOLTS SHALL BE FREE FROM CONCRETE AND FULLY ACCESSIBLE.
- 2. HYDRANT SHALL BE INSTALLED 2' BEHIND THE WALK WITH CONCRETE PAD WHEN THERE IS NO PLANTER.
- 3. WHEN INSTALLING CONCRETE PAD AROUND FIRE HYDRANT, CONTRACTOR SHALL PLACE CRACK CONTROL JOINTS DIAGONALLY FROM THE HYDRANT TO THE CORNERS OF SAID PAD.
- 4. A THREE (3) FOOT HORIZONTAL CLEARANCE MUST BE MAINTAINED AROUND THE OUTSIDE OF ALL FIRE HYDRANTS.
- 5. STEAMER OUTLET SHALL FACE THE ROAD.





- 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.
- 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.

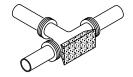




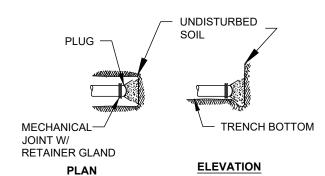
- 1. TOP OF VALVE COLLAR SHALL BE SET TO FINAL GRADE PRIOR TO PAVING. CONCRETE COLLARS MAY BE ALLOWED ONLY AFTER PRIOR APPROVAL OF LEHI CITY STREET DEPARTMENT. IF APPROVED, VALVE COLLARS SHALL BE 12" MIN. WIDE (FROM EDGE OF COLLAR), 12" THICK AND 1/4" TO 1/2" BELOW ASPHALT.
- 2. IN NON PAVED AND PLANTER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



WT-04



THRUST BLOCK TYPICAL



PLUG DETAIL

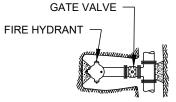
	BENDS					GATE	DEAD	CROSS W/	CROSS W/
SIZE	30°	45°	22 1/2°	11 1/4°	TEES *	VALVES	ENDS	1 BRANCH PLUGGED	2 BRANCH PLUGGED
3	1.0	0.6	0.3	0	0.7	0.5	0.7	0.7	0.7
4	1.8	1.0	0.5	0	1.3	0.5	1.3	1.3	1.3
6	4.0	2.2	1.1	0	2.8	0.7	2.8	2.8	2.8
8	7.1	3.8	2.0	1.0	5.0	2.4	5.0	5.0	5.0
10	11.1	6.0	3.0	1.5	7.8	4.5	7.8	7.8	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		17.6	17.6	17.6
16	28.4	15.3	8.0	4.0	20.0	SIGN	20.0	20.0	20.0
18	36.0	19.4	10.0	5.0	25.4	l is	25.4	25.4	25.4
20	44.2	24.0	12.2	6.1	31.4	DE	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	CIAL	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	SPE	71.0	71.0	71.0
36	144.0	78.0	40.0	20	102.0	S	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= ACTUAL SPECIFIED TEST PRESSURE IN HUNDREDS OF LBS/SQ. IN. ACTUAL SOIL BEARING CAPACITY IN THOUSANDS OF LBS.

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







CROSS



IEE



<u>TEE</u> (PLUGGED)



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

A	BAR LESS THAN	MIN. LENGTH OF EMBED- MENT			
TRENCH	60 CF	NO. 4	8"		
BOTTOM	90 CF	NO. 5	12"		
Α	133 CF	NO. 6	16"		
TOP OF VERT. BEND					
ANCHOR BAR (EPOXY COATED) OD + 12" MIN. 6" FROM BOTTOM OF ELBOW MIN. LENGTH OF EMBEDMENT 3" MIN. SECTION A-A					

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= ACTUAL SPECIFIED TEST PRESSURE 100

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

NOTES:

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

SIZE	BENDS					
OIZL	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	SPEC		50.0			
24	DESI	59.5				
30	REQUIRED					
36						



LEHI CITY STANDARD DETAIL

THRUST BLOCKING

WT-05

JANUARY 2022

METER BOX TO BE INSTALLED BACK OF CURB. IF SIDEWALK IS PLACED ADJACENT TO CURB, CENTERLINE OF METER BOX SHALL BE PLACED 3' BEHIND SIDEWALK 21" CAST IRON COVER 3/4" COPPER SETTER 21" TALL WITH W/ 2" KNOCK-OUT DUAL CHECK VALVE (MATERIALS CONCRETE -SET TO FINAL GRADE SUPPLIED BY DEVELOPER) **SIDEWALK** WITH LOCKING NUT (MATERIALS SUPPLIED **CONCRETE CURB** BY DEVELOPER) AND GUTTER ₫ WATER METER AND MXU SUPPLIED BY 4'-0" MIN COVER LEHI CITY 4'-0" MIN. COVER COVE ٥ OVER SERVICE 21" x 36" PVC (WHITE) Z Z ٫۵ METER BOX (MATERIALS LOCATE WIRE SUPPLIED BY DEVELOPER) 4'-0" **INSTALL METER YOKE** (METER AND MXU 3/4" IPS POLYTHYLENE, STUB SUPPLIED BY CITY) TO 10' INSIDE PROPERTY LINE AND PLUG. INSTALL APPROVED 3/4" MIN. IPS POLYETHYLENE LOCATION MARKER. **CORPORATION STOP** TAPPING SADDLE CULINARY WATER MAIN BRASS DOUBLE STRAP FOR DUCTILE IRON.

GENERAL NOTES

- 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.
- 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.

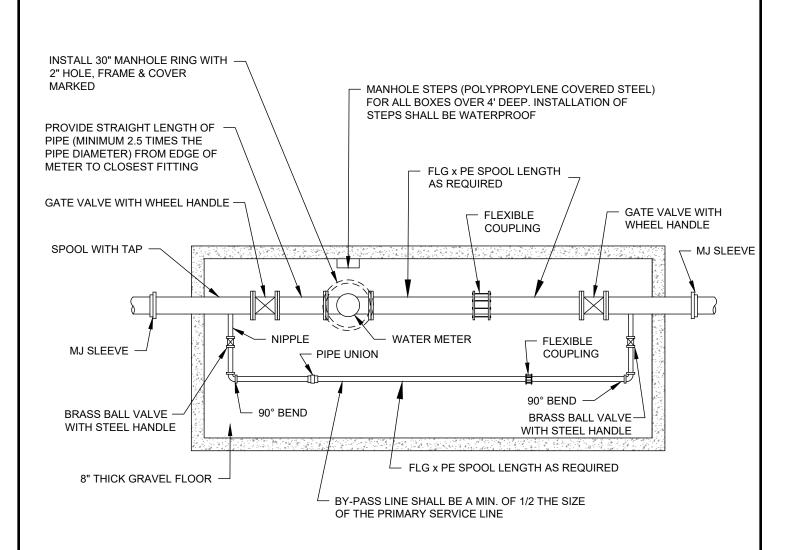


LEHI CITY STANDARD DETAIL

CULINARY SERVICE CONNECTION

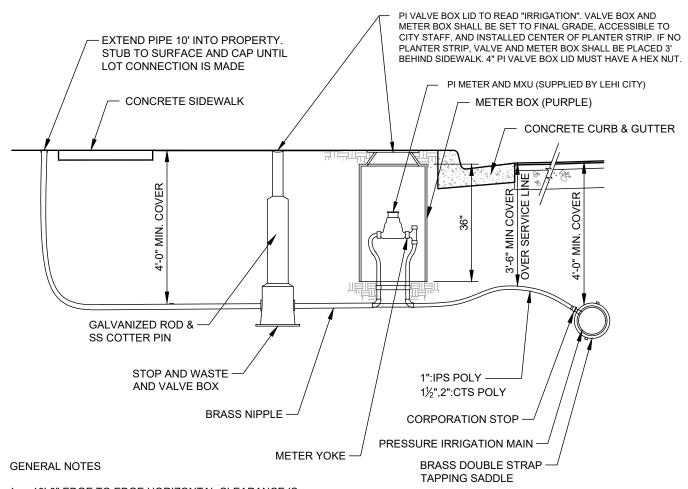
WT-06

JANUARY 2022



- 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





- 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.
- 3. 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.
- 4. COORDINATE PLACEMENT OF PI METER WITH LEHI WATER DEPARTMENT.
- 5. TEFLON TAPE REQUIRED ON ALL THREADED CONNECTIONS.
- 6. PRESSURE IRRIGATION 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.
- 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. 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.

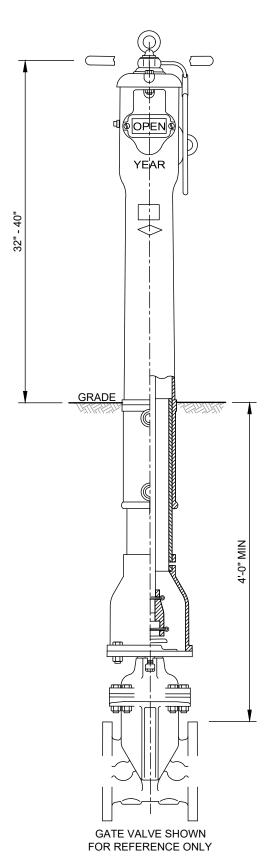
PARTS LIST				
PART NAME	METER SIZE			
	1" METER	1 1/2" METER	2" METER	
SETTER	FORD VB-74-15W-11-44	FORD VBB76-15-11-66	FORD VBB77-15-11-77	
NIPPLE	1X12 BRASS	1-1/2X12 BRASS	2X12 BRASS	
STOP AND WASTE	FORD BC-11-444-SW 1 FORD B11-666SW-NL 1 1/2 Ford B11-777		Ford B11-777SW-NL 2	
RING	D&L L-2244 D&L L-2242			
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		03036-PTR	
SERVICE LINE	1" IPS POLY	1 1/2" CTS POLY	2" CTS POLY	
*LISTED MODEL NUMBERS OR APPROVED EQUAL REQUIRED				



LEHI CITY STANDARD DETAIL

PRESSURE IRRIGATION SERVICE CONNECTION

WT-08



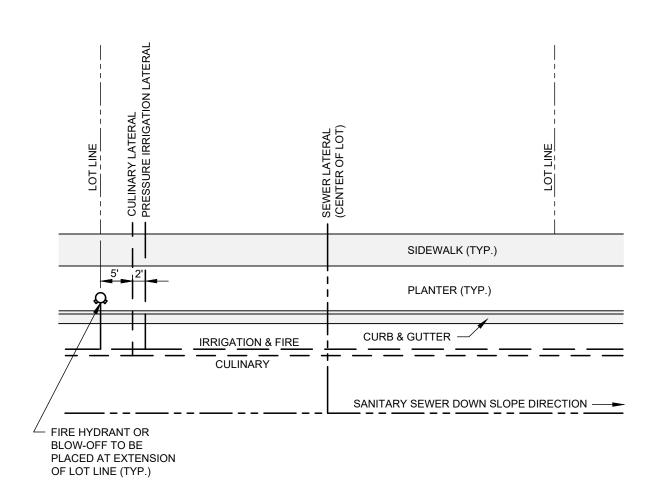
- 1. MUST BE PLACED IN LINE WITH FDC (FIRE DEPARTMENT CONNECTION), IN PLAIN SITE AND BE READABLE FROM THE STREET.
- 2. FINAL PLACEMENT SHALL BE AS APPROVED BY THE FIRE CODE OFFICIAL.
- 3. POST INDICATOR VALVE SHALL BE UL LISTED AND FM APPROVED.
- 4. POST INDICATOR VALVE SHALL BE A MINIMUM DIAMETER OF 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 STANDARD DETAIL

POST INDICATOR VALVE

WT-09



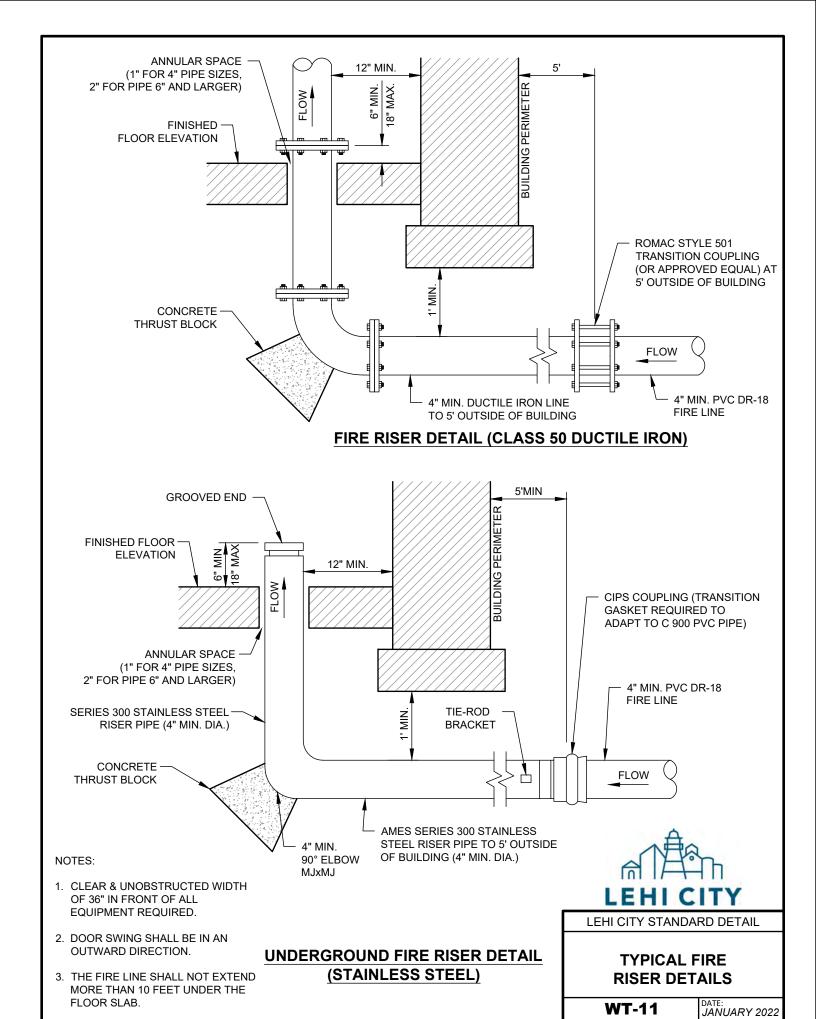
- EACH SUBDIVISION LOT SHALL RECIEVE ONLY ONE (1) OF EACH SERVICE TYPE (WATER, P.I., SEWER OR SUB-DRAIN) UNLESS SPECIFICALLY AUTHORIZED BY THE CITY COUNCIL, CITY ENGINEER AND THE WATER SUPERINTENDANT.
- ALL REMOVALS OR CHANGES TO EXISTING LATERAL LOCATIONS SHALL BE PERFORMED AT THE DEVELOPERS EXPENSE AND BE INSPECTED BY LEHI CITY STAFF.
- 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.

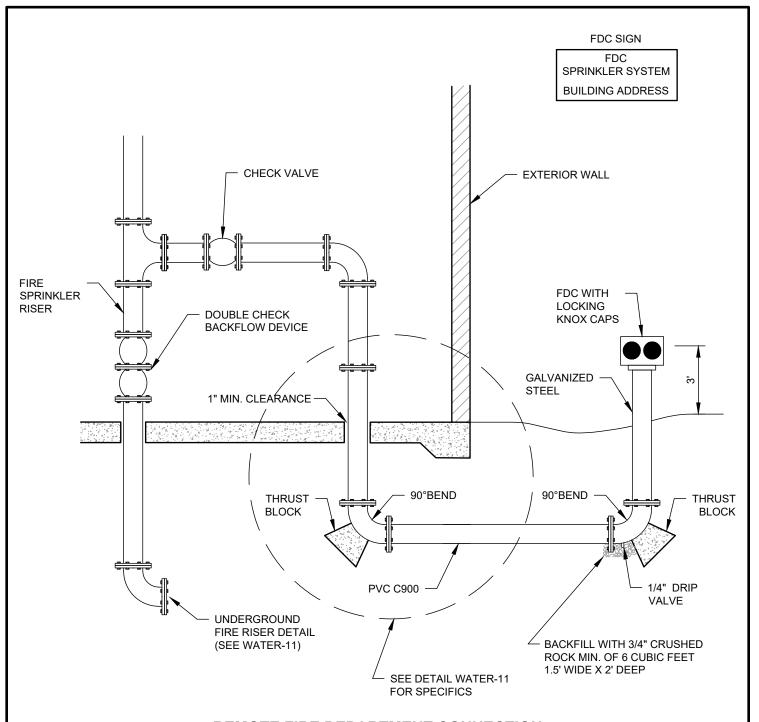


LEHI CITY STANDARD DETAIL

TYPICAL SERVICE, HYDRANT & BLOW-OFF LOCATIONS

WT-10





REMOTE FIRE DEPARTMENT CONNECTION

NOTES:

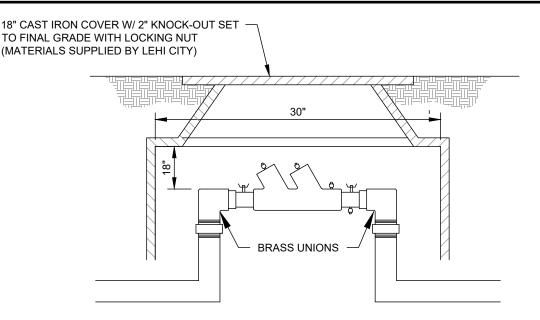
- 1. BY APPROVAL OF THE FIRE CODE OFFICIAL.
- 2. PROVIDE BUILDING ID ON FDC THE SIGN SHALL BE 12" x 12" x 2" WHITE LETTERS ON A RED REFLECTIVE BACKGROUND.
- 3. NO OBSTRUCTIONS, PLANTS, ETC. WITHIN 3' OF THE FDC.
- 4. 4' x 4' x 6" CONCRETE PAD AT BASE OF FDC.
- 5. FDC SHALL BE WITHIN 100' OF A FIRE HYDRANT.



LEHI CITY STANDARD DETAIL

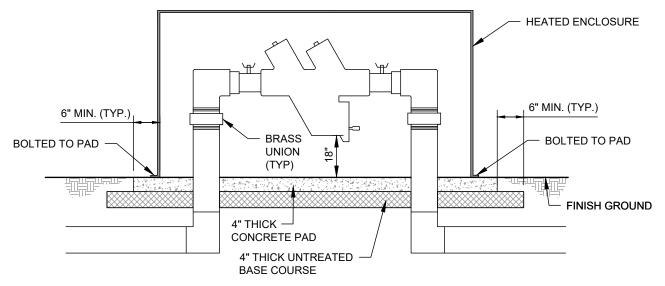
REMOTE FIRE DEPARTMENT CONNECTION

WT-12



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:

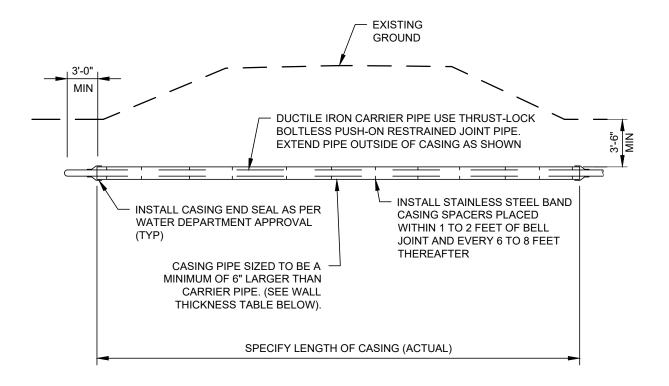
- 1. PIPEWORK MUST BE BRASS OR RIGID COPPER (ONLY). ALL PARTS SHALL CONFORM TO THE AWWA C-800 NO LEAD RULE.
- 2. HEAT SOURCE DESIGNED TO PROTECT BACKFLOW PREVENT TO -30 F MUST BE INSTALLED WITHIN HEATED ENCLOSURE.
- 3. HEATED ENCLOSURE MUST BE INSTALLED AND ANCHORED TO PAD.
- 4. AFTER INSTALLATION, BACKFLOW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



LEHI CITY STANDARD DETAIL

BACKFLOW PREVENTION

WT-13



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 MINMUM YEILD 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



KNOX BRAND LOCKING FDC CAP

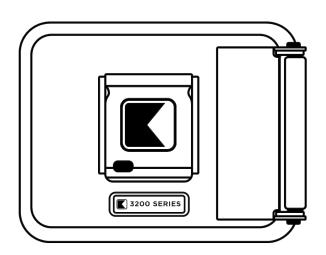
(FOR EXTERIOR FIRE DEPARTMENT CONNECTIONS)



KNOX BRAND LOCKING STANDPIPE CAP

(FOR STANDPIPE HOSE CONNECTIONS)

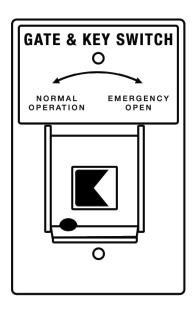
PURCHASE THROUGH LOCAL KNOX VENDOR OR AT KNOXBOX.COM



KNOX BOX, FLUSH OR SURFACE MOUNTED

(3200 SERIES) (MULTIPLE BOXES MAY BE REQUIRED)

TO BE MOUNTED BETWEEN 5'-6' ABOVE FINISHED FLOOR GRADE



KNOX GATE SWITCH

(FOR ELECTRONIC GATE ACCESS)

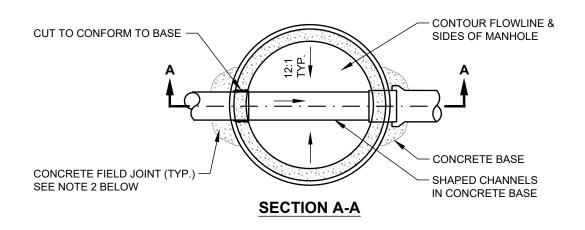


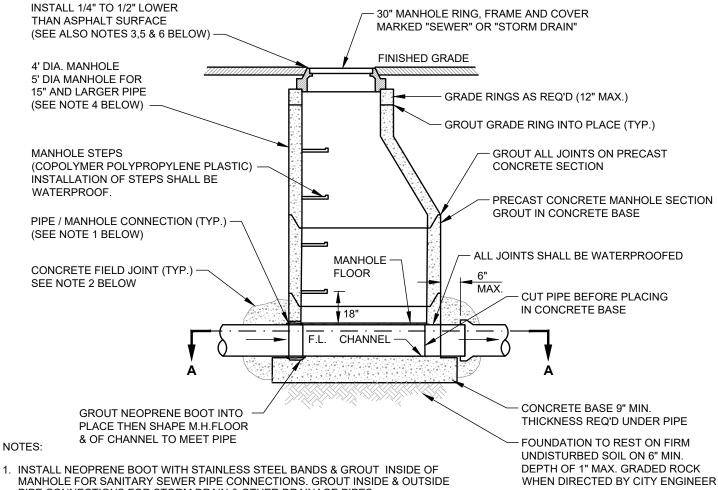
LEHI CITY STANDARD DETAIL

FIRE DEPARTMENT

WT-15

DATE: MAY 2024





- 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.
- 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.

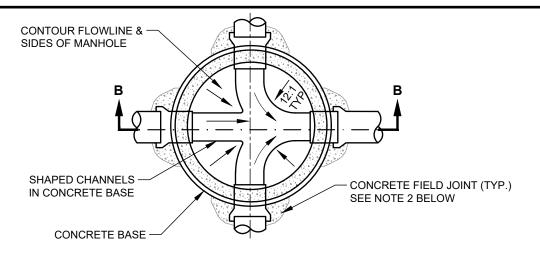


LEHI CITY STANDARD DETAIL

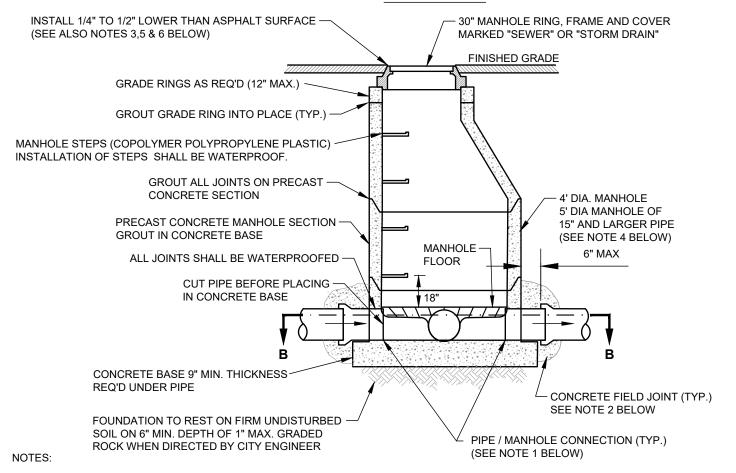
LINE MANHOLE (SEWER & STORM DRAIN)

SD-01

JANUARY 2022



SECTION B-B



- 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.
- INSTALL 8" THICK CONCRETE FIELD JOINT AROUND ALL STORM DRAINAGE PIPES (TYP.).
 INSTALL AROUND ALL CONCRETE SEWER PIPES 18" DIA. & LARGER.
- 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.
- 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.

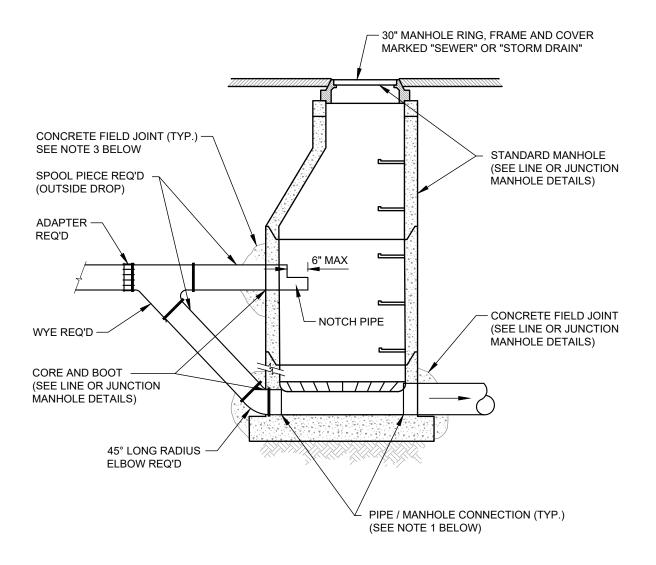


LEHI CITY STANDARD DETAIL

JUNCTION MANHOLE (SEWER & STORM DRAIN)

SD-02

JANUARY 2022



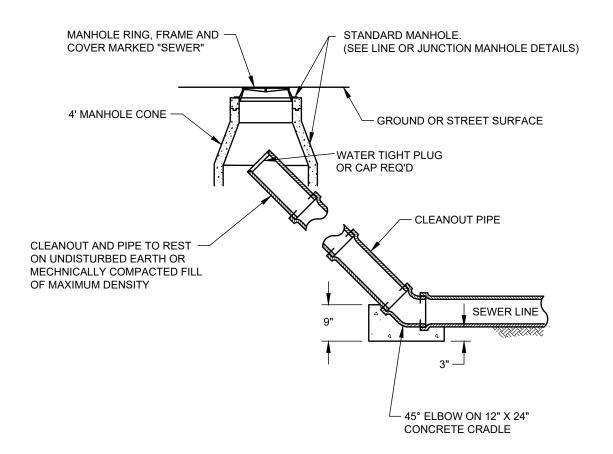
- DROP MANHOLES MAY BE REQUIRED FOR PIPES ENTERING 24" OR MORE ABOVE THE INVERT OF THE MANHOLE. EXTERNAL DROP MANHOLES MAY BE USED ONLY AS APPROVED BY WATER AND WASTEWATER SUPERINTENDENT.
- 2. LATERAL SHALL NOT ENTER MANHOLES UNLESS OTHERWISE APPROVED BY CITY ENGINEER AND CITY PUBLIC WORKS DIRECTOR.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



LEHI CITY STANDARD DETAIL

EXTERNAL DROP MANHOLE (SEWER & STORM DRAIN)

SD-03

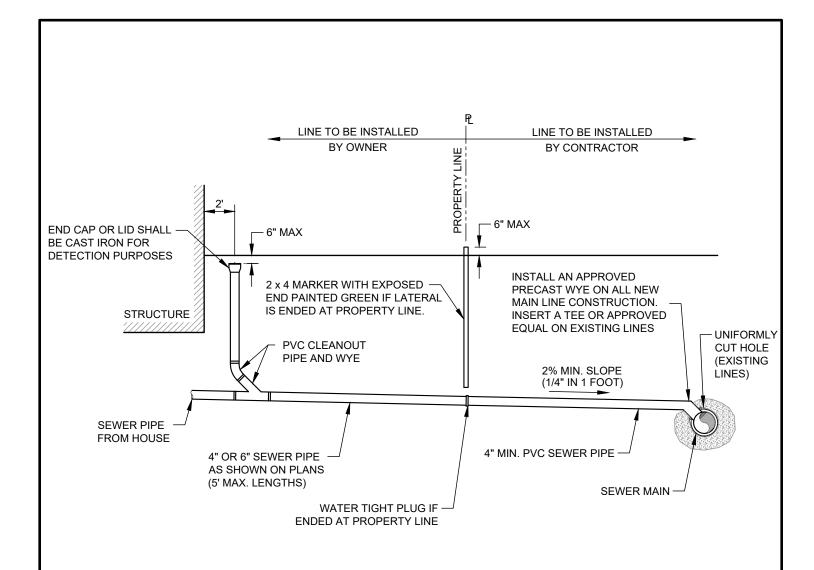




LEHI CITY STANDARD DETAIL

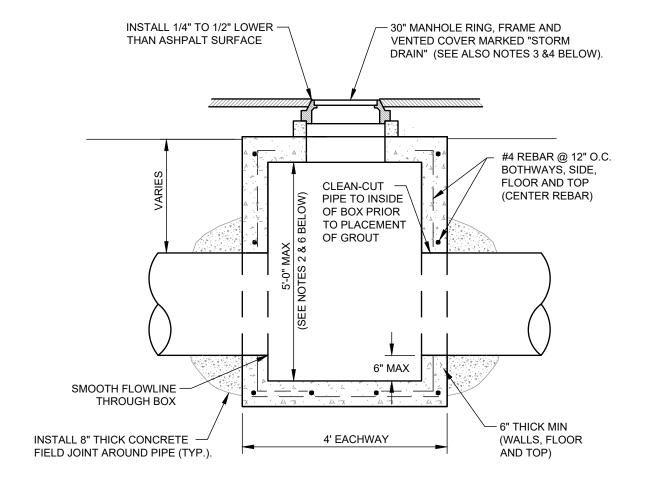
TEMPORARY SEWER MAIN CLEANOUT

SD-04



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





- 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 "SNOUT" MAY BE REQUIRED WITHIN STORM DRAINAGE BOXES TO MEET STORM WATER QUALITY REQUIREMENT. CLEAN OUT BOX DEPTH SHALL BE MODIFIED TO MEET "SNOUT" MANUFACTURER'S GUIDELINES. ORIFICE PLATES SHOULD NOT BE INSTALLED BEHIND "SNOUT" HOODS.

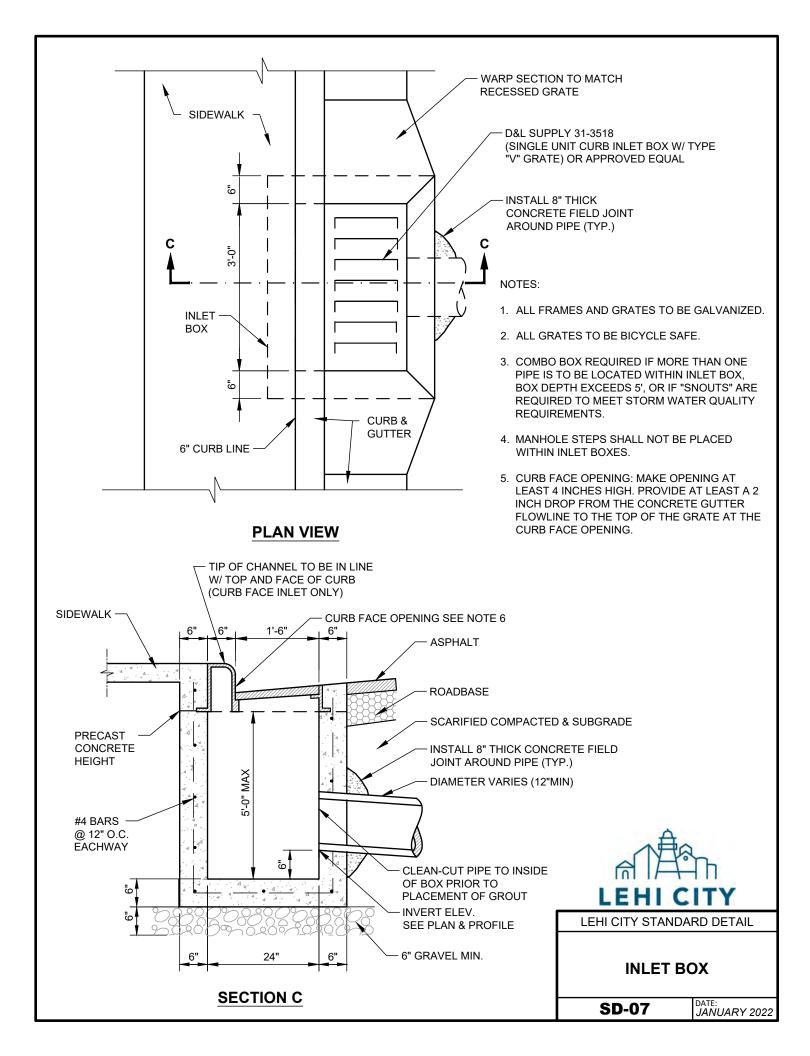


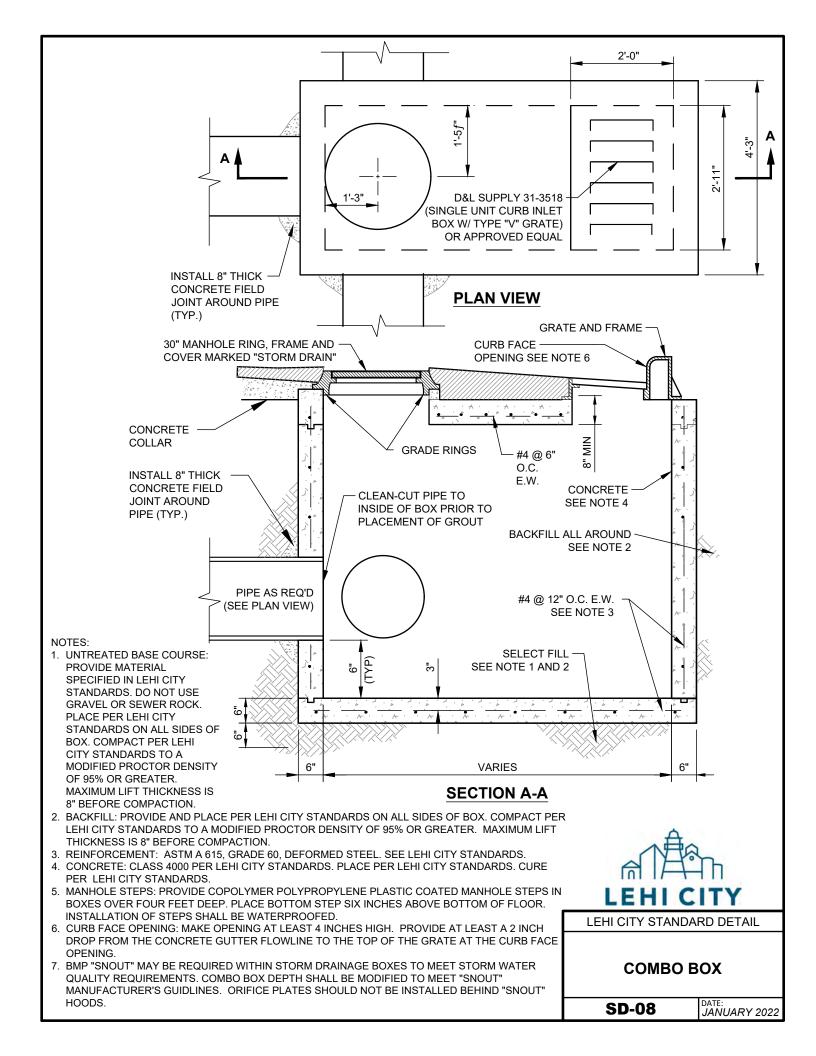
LEHI CITY STANDARD DETAIL

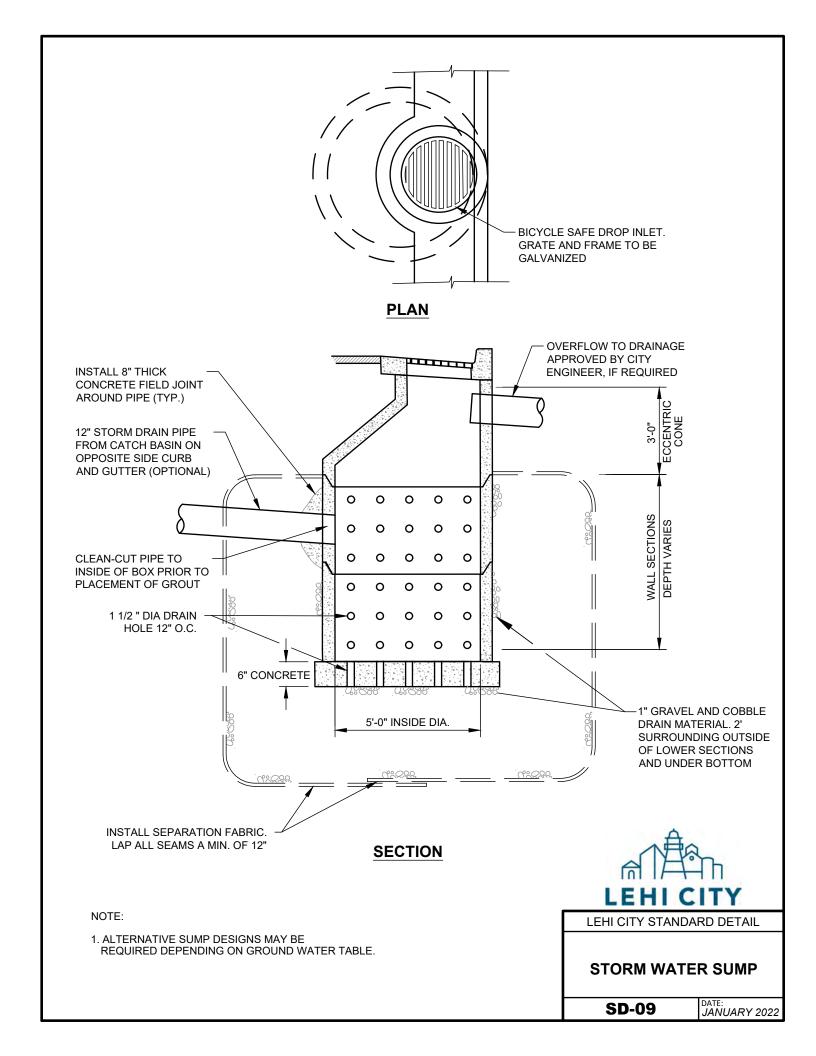
DRAIN CLEAN-OUT BOX

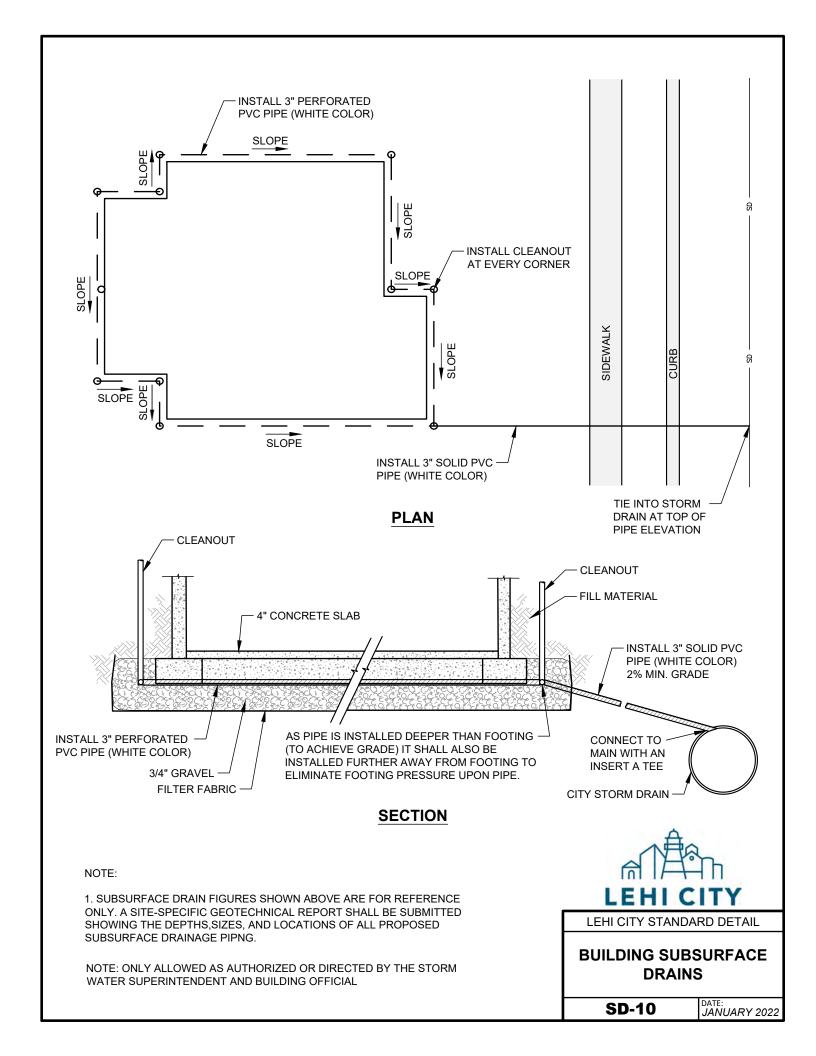
SD-06

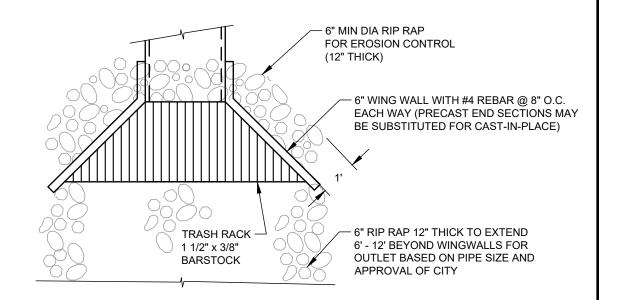
JANUARY 2022



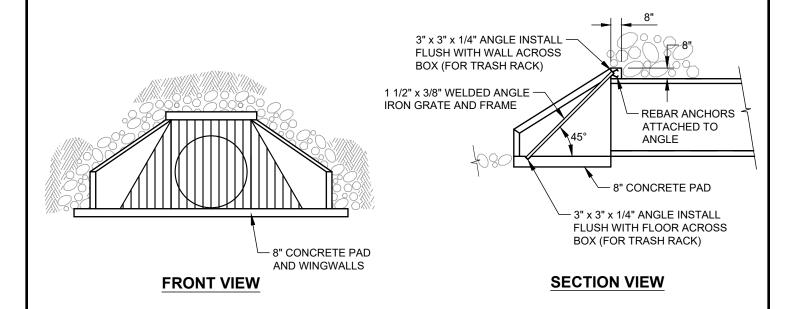








PLAN VIEW



NOTES:

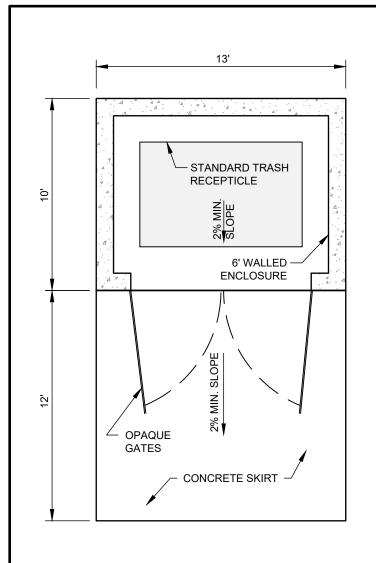
- 1. USE TRASH RACK FOR INLETS ONLY, NOT REQUIRED ON OUTLETS.
- 2. OPENING BETWEEN THE BARS SHALL NOT EXCEED 2".
- 3. HYDRAULIC DESIN CALCULATIONS MAY BE REQUIRED FOR HEADWALL / RIP-RAP DESIGN APPROVALS.
- 4. HEADWALL, GRATING, RIP-RAP SIZING AND FLOW CALCULATIONS MUST BE APPROVED BY LEHI CITY ENGINEER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

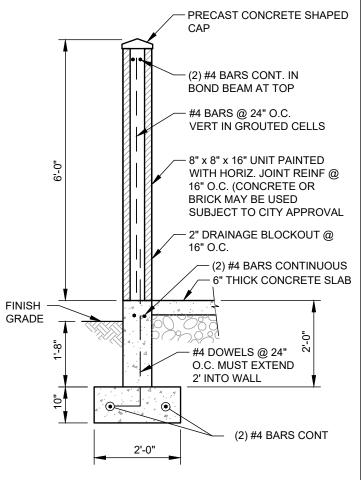


LEHI CITY STANDARD DETAIL

HEADWALL DETAIL

SD-11





DUMPSTER

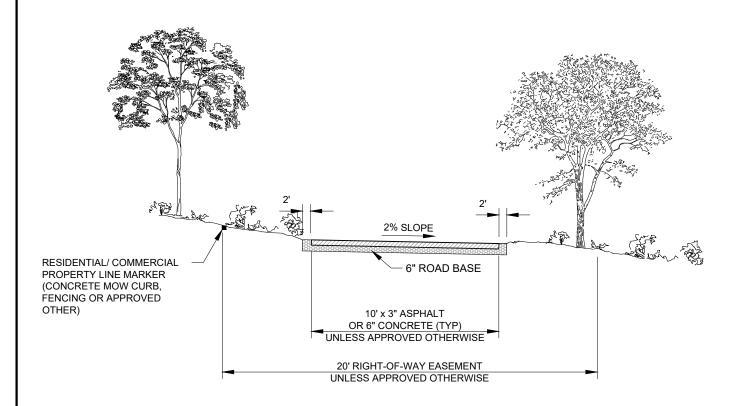
TRASH ENCLOSURE WALL DETAIL

NOTES

ALTERNATE DESIGNS MAY BE USED AS APPROVED BY THE BUILDING OFFICIAL



TE-01 DATE: JANUARY 2022



- 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 CONSTRUCTON.
- 6. ADA AND PEDESTRIAN RAMPS SHALL BE CONCRETE AND MATCH THE WIDTH OF THE TRAIL.
- 7. 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.

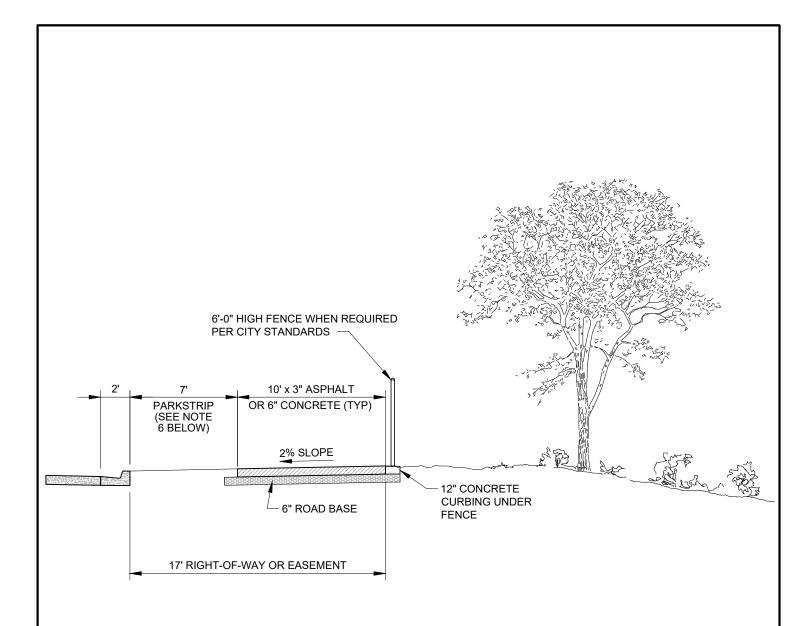


LEHI CITY STANDARD DETAIL

BICYCLE / PEDESTRIAN SHARED USE TRAIL

TR-01

MAY 2024



- 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 CONSTRUCTON.
- 6. SEE SECTION 2 OF WRITTEN STANDARDS FOR GUIDELINES REGARDING RECOMMENDED PARK STRIP TREATMENTS.
- WHERE APPLICABLE GATES WILL BE REQUIRED FOR UTILITY ACCESS.

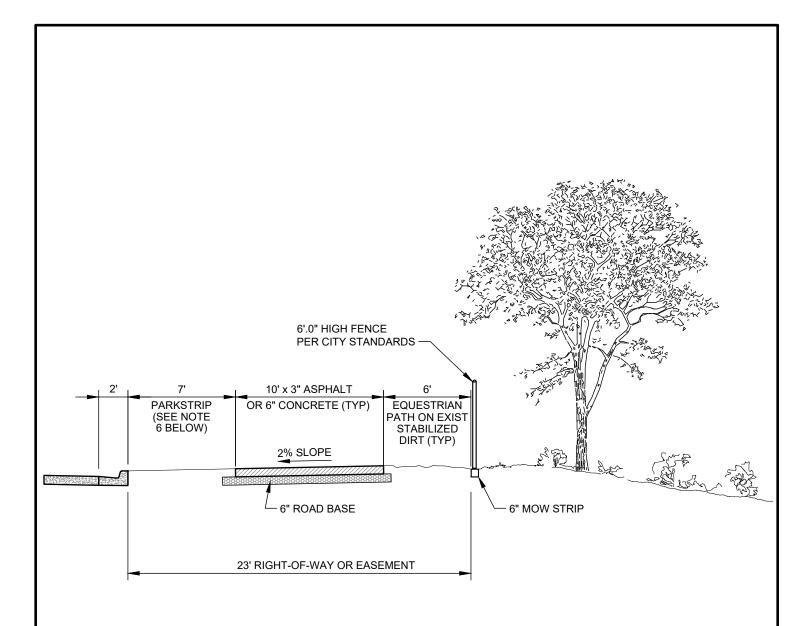


LEHI CITY STANDARD DETAIL

BICYCLE / PEDESTRIAN SHARED USE TRAIL ALONG ARTERIAL ROAD

TR-02

MAY 2024



- 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 CONSTRUCTON.
- SEE SECTION 2 OF WRITTEN STANDARDS FOR GUIDELINES REGARDING RECOMMENDED PARK STRIP TREATMENTS.



LEHI CITY STANDARD DETAIL

BICYCLE / PEDESTRIAN & EQUESTRIAN SHARED USE TRAIL ALONG ARTERIAL ROAD

TR-03