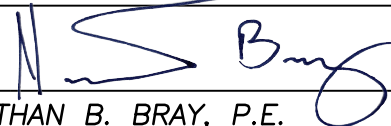



ID #	TRENCH LOCATION	UTILITY	DIA (IN)	LENGTH (FT)	WIDTH (FT)	TRENCH AREA	GRINDING AREA
						T-1, T-2 (SQ FT)	T-3 (SQ FT)
1	1662 E. MARSHALL ST	WATER	8	SEE SHEET 2		660.0	1,620.0
2	1240 VALLEY VIEW DR	WATER	6	19.00	2.50	47.5	190.0
3	2660 E MARSHALL ST	WATER	6	6.00	4.50	27.0	190.0
4	560 S MINARET AVE	SEWER	6	25.00	7.50	187.5	400.0
5	EDWARD DR & EL CAPITAN DR	WATER	6	7.50	6.00	45.0	175.0
6	550 BELL ST	SEWER	8	6.00	5.00	30.0	150.0
7	400 SOUTH AVE	WATER	18	7.00	9.50	66.5	175.0
8	W OLIVE AVE AND GRANT AVE	WATER	4	12.00	9.00	108.0	150.0
9	BELL ST AND EAST AVE	WATER	10	25.00	2.50	162.5	600.0
10	1245 LAMBERT WAY	SEWER	6	SEE SHEET 2		106.0	350.0
11	1905 ROTH CT	SEWER	6	24.00	4.00	96.0	240.0
12	837 9TH ST	SEWER	8	SEE SHEET 2		45.5	100.0
13	1302 N DENAIR AVE	WATER	6			106.0	200.0
14	460 VASSAR AVE	SEWER	6			80.0	400.0
15	120 W F ST	WATER	10			143.0	700.0
16	1851 E MARSHALL ST	SEWER	18			130.0	490.0
17	1645 LOGAN LN	WATER	8			21.0	175.0
18	145 WEST AVE N	SEWER	10			24.00	2.50

- NOTES:
- TRENCH REPAIRS SHALL BE DONE IN ACCORDANCE WITH THE MODIFIED CITY DRAWINGS T-1 THROUGH T-3 SHOWN ON SHEET 3 OF THESE PLANS, AND SHALL COMPLY WITH ALL CITY OF TURLOCK STANDARDS. PER THE MODIFIED DRAWINGS T-1 AND T-2 THE CONTRACTOR SHALL EXCAVATE AND REMOVE EXISTING MATERIAL TO THE TOP OF PIPE.
  - TRENCH BACKFILL SHALL BE COMPACTED TO 95% BEFORE PLACING 6-INCH AB. COMPACTION TESTING WILL BE PROVIDED BY THE CITY. COORDINATE TESTING REQUESTS WITH CITY ENGINEERING INSPECTOR.
  - FOR BIDDING PURPOSED, CONTRACTOR SHALL ASSUME INVERT OF UTILITIES ARE LOCATED A MAXIMUM DEPTH OF 4 FEET BELOW EXISTING PAVEMENT AND THAT EXISTING DEPTH OF ASPHALT PAVEMENT IS 4 INCHES.
  - CONTRACTOR SHALL OBTAIN ENCROACHMENT PERMIT FROM THE CITY OF TURLOCK PRIOR TO BEGINNING WORK (NO FEE).
  - CONTRACTOR SHALL VERIFY DIMENSIONS AND CALCULATIONS OF ALL GRINDING AREA BEFORE STARTING THE PROJECT.
  - CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE STATE AND FEDERAL SAFETY AND LABOR CODES.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION AND PROTECTION OF ALL UNDERGROUND PIPES, CONDUITS AND OTHER IMPROVEMENTS WHETHER SHOWN ON THE PLANS OR NOT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY ALL UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR SHALL NOTIFY:
    - UNDERGROUND SERVICE ALERT (USA) AT 1-800-227-2600 TO LOCATE EXACT POSITION OF UNDERGROUND TELEPHONE CABLE, GAS LINES, SEWER LINES AND WATER LINES.
    - TURLOCK IRRIGATION DISTRICT AT (209) 883-8464 TO LOCATE UNDERGROUND ELECTRICAL CONDUIT.
    - CHARTER CABLE AT (209) 656-2124 TO LOCATE UNDERGROUND CABLE T.V.
    - FIRE DEPARTMENT AT (209) 668-5580, POLICE DEPT. AT (209) 668-5550 AND AMBULANCE AT (209) 632-2271.
  - ANY UTILITY TO BE RELOCATED OR REMOVED SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANY.



NATHAN B. BRAY, P.E.  
INTERIM DEVELOPMENT SERVICES  
DIRECTOR/CITY ENGINEER

11/12/20  
PLANS APPROVAL DATE





NOTE: NO SURVEY MEASUREMENTS WERE TAKEN. CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE ALL DIMENSIONS ON THE SITE. ANY DISCREPANCY SHALL BE BROUGHT TO NOTICE OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF ANY WORK.



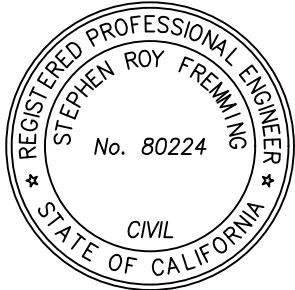
CITY OF TURLOCK  
DEVELOPMENT SERVICES ENGINEERING DIVISION  
156 S. BROADWAY, STE 150  
(209) 668-5520



STEPHEN R. FREMMING, P.E.  
PRINCIPAL ENGINEER

11/12/2020

PLANS APPROVAL DATE



TRENCH REPAIR  
LOCATIONS

20-011

CITY UTILITY TRENCH  
REPAIR 2020

DRAWN BY: AJH

REV. BY: ---

CH. BY: SRF

DATE: OCT 2020

SCALE: NONE

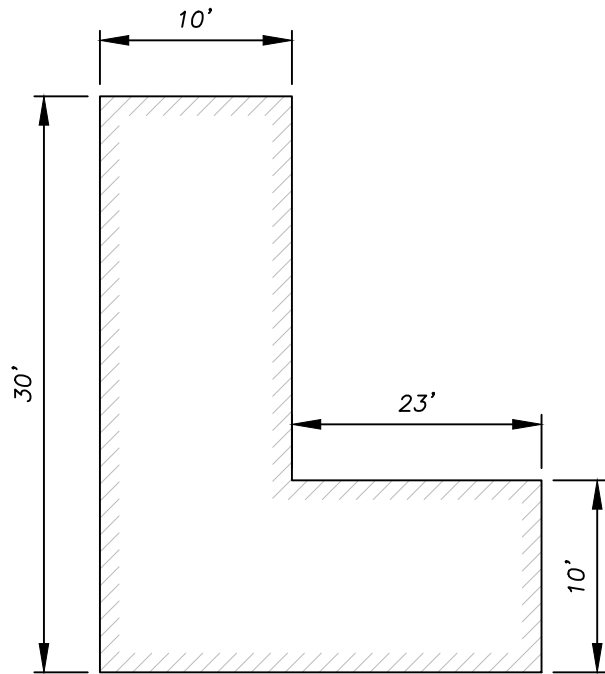
DWG NAME

SHEET

01

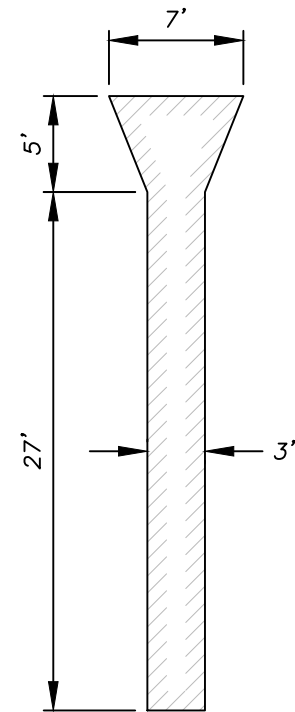
OF

03



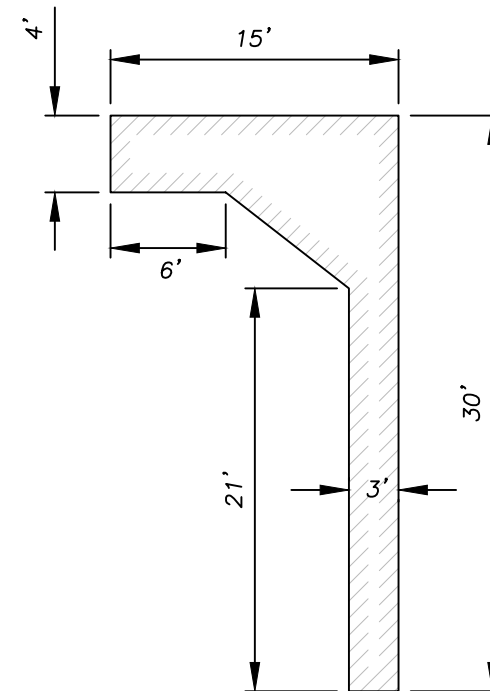
**TRENCH #1 DIMENSIONS**

NOT TO SCALE



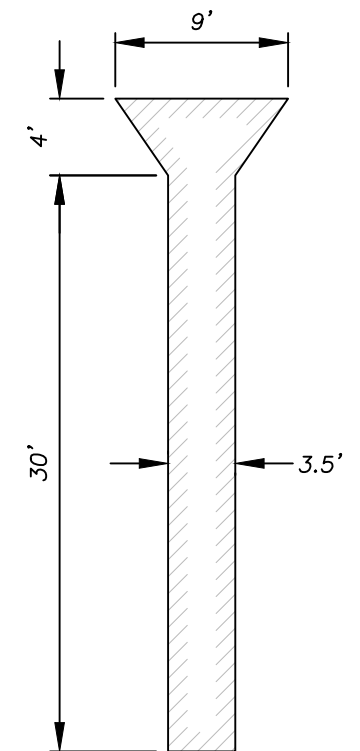
**TRENCH #10 DIMENSIONS**

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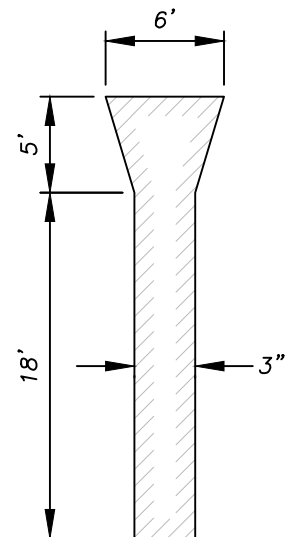
**TRENCH #15 DIMENSIONS**

NOT TO SCALE



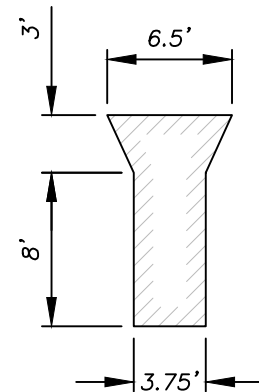
**TRENCH #16 DIMENSIONS**

NOT TO SCALE



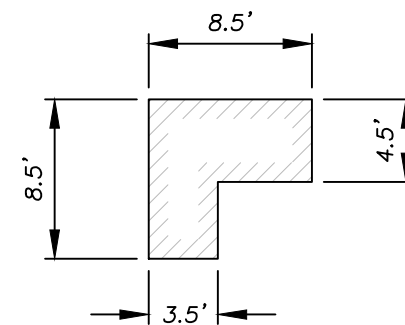
**TRENCH #14 DIMENSIONS**

NOT TO SCALE



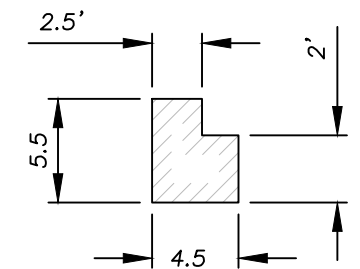
**TRENCH #12 DIMENSIONS**

NOT TO SCALE



**TRENCH #13 DIMENSIONS**

NOT TO SCALE



**TRENCH #17 DIMENSIONS**

NOT TO SCALE



NOTE: NO SURVEY MEASUREMENTS WERE TAKEN. CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE ALL DIMENSIONS ON THE SITE. ANY DISCREPANCY SHALL BE BROUGHT TO NOTICE OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF ANY WORK.



CITY OF TURLOCK  
DEVELOPMENT SERVICES ENGINEERING DIVISION  
156 S. BROADWAY, STE 150  
(209) 668-5520

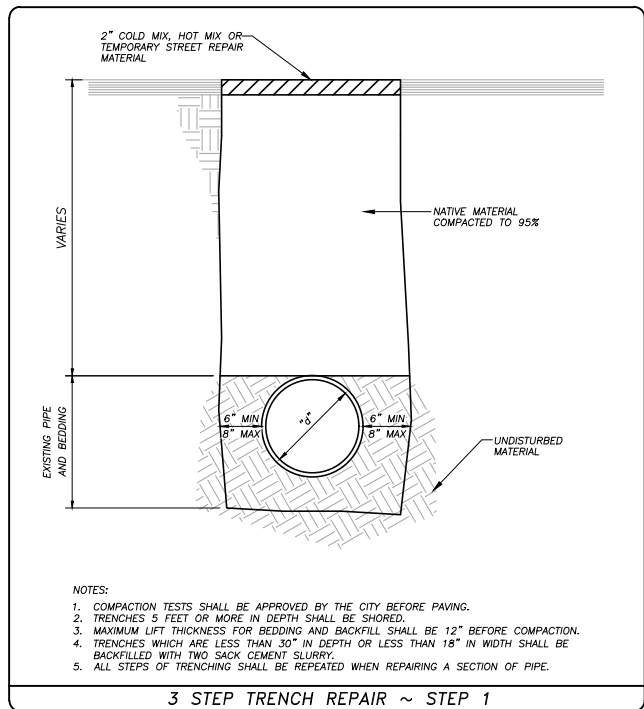
*Stephen R. Fremming*  
STEPHEN R. FREMMING, P.E.  
PRINCIPAL ENGINEER  
11/12/2020  
PLANS APPROVAL DATE



TRENCHES WITH  
IRREGULAR  
DIMENSIONS  
20-011  
CITY UTILITY TRENCH  
REPAIR 2020

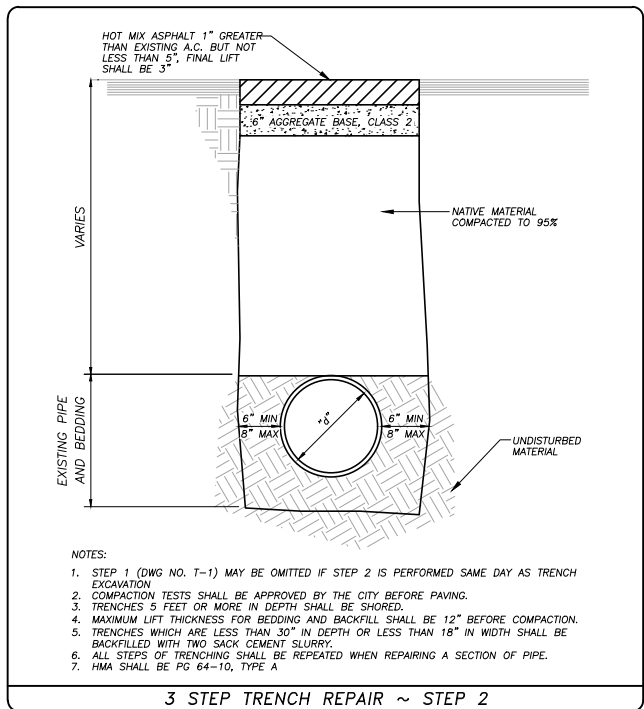
DRAWN BY: AJH  
REV. BY: ---  
CH. BY: SRF  
DATE: OCT 2020  
SCALE: NONE  
DWG NAME

SHEET  
02  
OF  
03



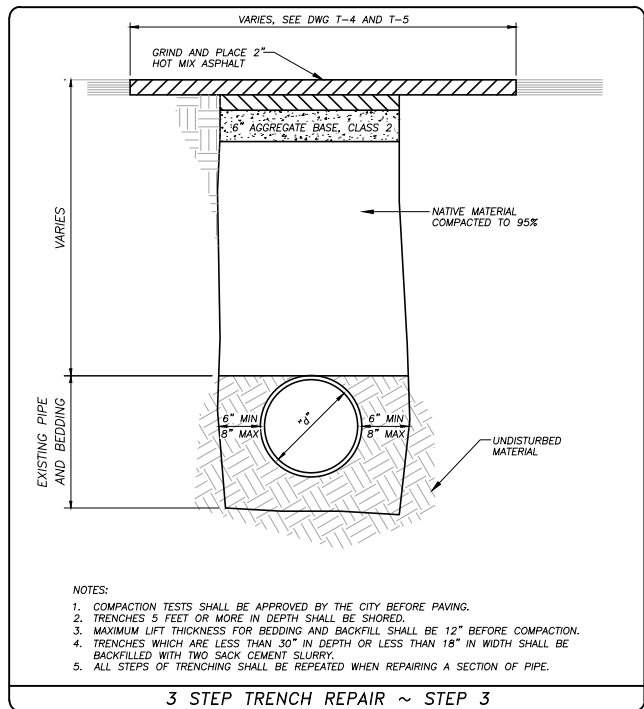
3 STEP TRENCH REPAIR ~ STEP 1  
CITY DRAWING NO. T-1 (MODIFIED)

NOT TO SCALE



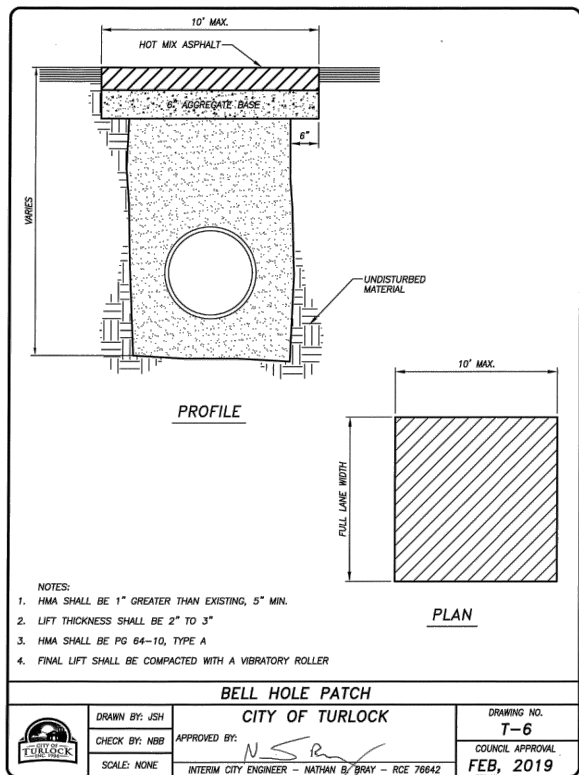
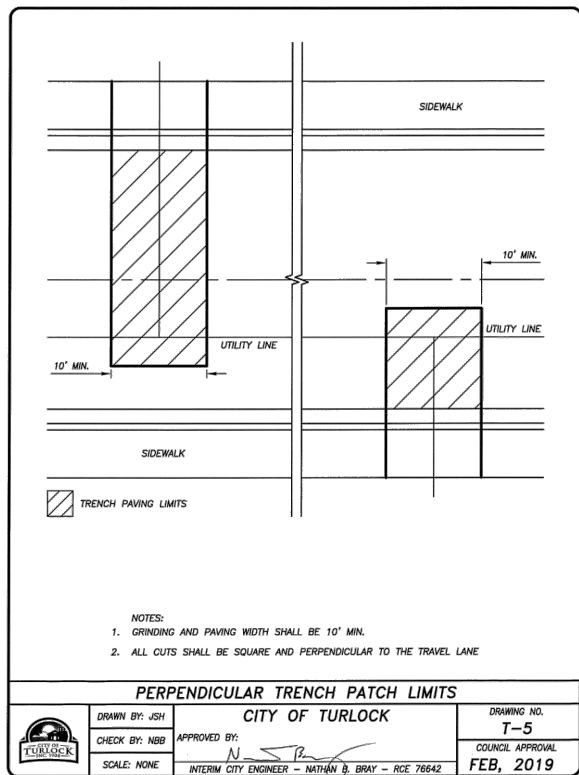
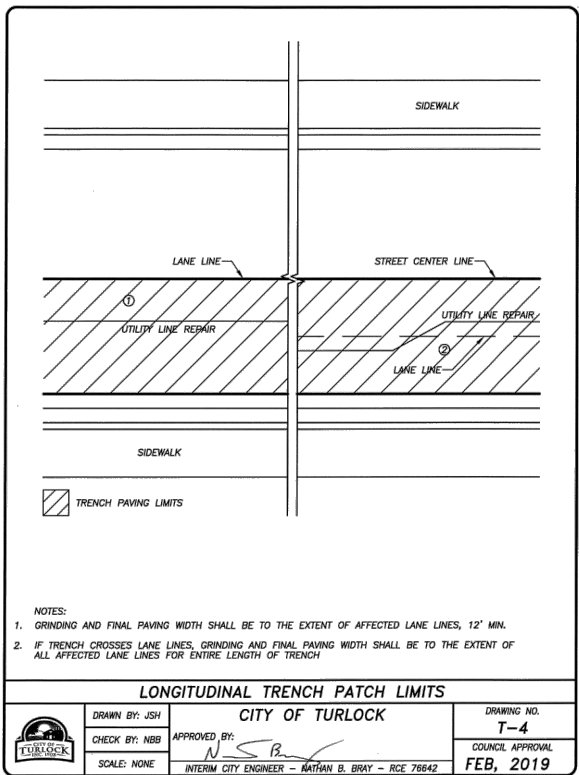
3 STEP TRENCH REPAIR ~ STEP 2  
CITY DRAWING NO. T-2 (MODIFIED)

NOT TO SCALE



3 STEP TRENCH REPAIR ~ STEP 3  
CITY DRAWING NO. T-3 (MODIFIED)

NOT TO SCALE



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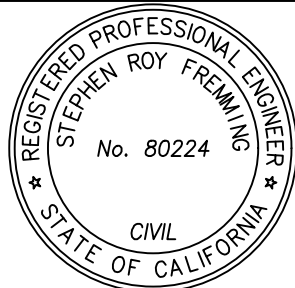
CITY OF TURLOCK  
DEVELOPMENT SERVICES ENGINEERING DIVISION  
156 S. BROADWAY, STE 150  
(209) 668-5520

Stephen R. Fremming

STEPHEN R. FREMMING, P.E.  
PRINCIPAL ENGINEER

11/12/2020

PLANS APPROVAL DATE



TRENCH REPAIR CITY  
STANDARD DRAWINGS

20-011

CITY UTILITY TRENCH  
REPAIR 2020

DRAWN BY: AJH  
REV. BY: ---  
CH. BY: SRF  
DATE: OCT 2020  
SCALE: NONE  
DWG NAME

SHEET  
03  
OF  
03