
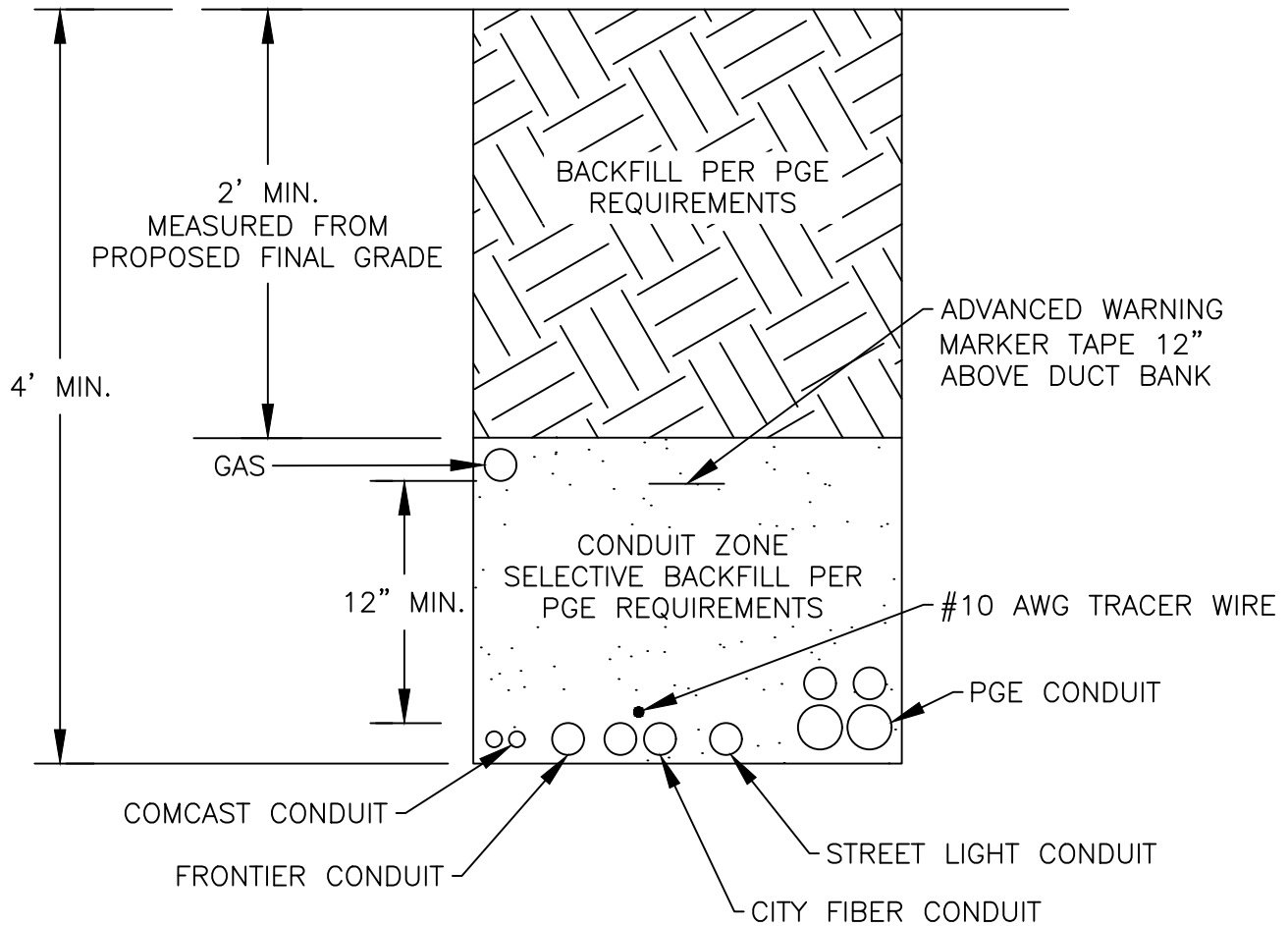


1. 2" OR 4" FIBER OPTIC CONDUIT TO BE HDPE SDR 11 (ORANGE).
2. TRACER WIRE TO BE ORANGE #10 AWG COPPER WIRE AND WRAPPED AROUND CONDUIT.
3. FIBER OPTIC JUNCTION BOX TO BE:
MANUFACTURER: OLDCASTLE
MODEL: SYNERTECH COMPOSITE 1730-24 (TRAFFIC RATED)
MODEL: SYNERTECH COMPOSITE 2436-24 (TRAFFIC RATED)
MODEL: CARSON PLASTIC 1730-24 (NON-TRAFFIC RATED)
MODEL: CARSON PLASTIC 2436-24 (NON-TRAFFIC RATED)
(UNLESS OTHERWISE SPECIFIED OR APPROVED)
4. FIBER OPTIC SERVICE BOX TO BE:
MANUFACTURER: OLDCASTLE
MODEL: SYNERTECH COMPOSITE 1212-18 (TRAFFIC RATED)
MODEL: CARSON PLASTIC 910-18 (NON-TRAFFIC RATED)
(UNLESS OTHERWISE SPECIFIED OR APPROVED)
5. FIBER OPTIC SPLICE VAULT TO BE:
MANUFACTURER: OLDCASTLE PRECAST
MODEL: UTILITY VAULT NUMBER: 233-LA
(UNLESS OTHERWISE SPECIFIED OR APPROVED)
6. ADVANCED WARNING MARKER TAPE TO BE 3" OR GREATER MAGNETIC (UNLESS OTHERWISE SPECIFIED).
7. MULE TAPE WITH FOOTAGE MARKERS TO BE INSTALLED IN ALL CONDUIT.
8. CONDUIT TO CITY SERVICE BOXES SHALL BE 1" IN DIAMETER, GREY PVC, UNLESS OTHERWISE SPECIFIED.
9. CONDUIT BETWEEN SPLICE BOX AND JUNCTION VAULT SHALL BE 2-2" OR 4" IN DIAMETER AND INSTALLED ALONG STREET FRONTAGE IN THE PUBLIC UTILITY EASEMENT (IF AVAILABLE) OR WITHIN STREET RIGHT-OF-WAY FOR ALL RESIDENTIAL AND COMMERCIAL CONSTRUCTION PROJECTS.
10. FIBER OPTIC PLANS TO BE REVISED PER PROJECT SPECIFIC PGE PLANS AND CROSSINGS. PROJECT ENGINEER TO SUBMIT UPDATED PLANS TO CITY FOR REVIEW AND APPROVAL.
11. CONDUIT BETWEEN CITY SERVICE BOX AND BUILDING SHALL BE MICRODUCT (SUPPLIED BY CITY) AND CAPPED AT THE SAME LOCATION AS ALL OTHER FRANCHISE UTILITIES.

	STANDARD DRAWING TITLE		DRAWING NUMBER
	CITY FIBER GENERAL NOTES		FO-1
	Any alteration of this drawing may not be associated in any way with the City of Sherwood Standard Drawings.	SCALE	DATE
		N.T.S.	MAY '18



JOINT UTILITY TRENCH

TYPICAL SECTION (N.T.S.)

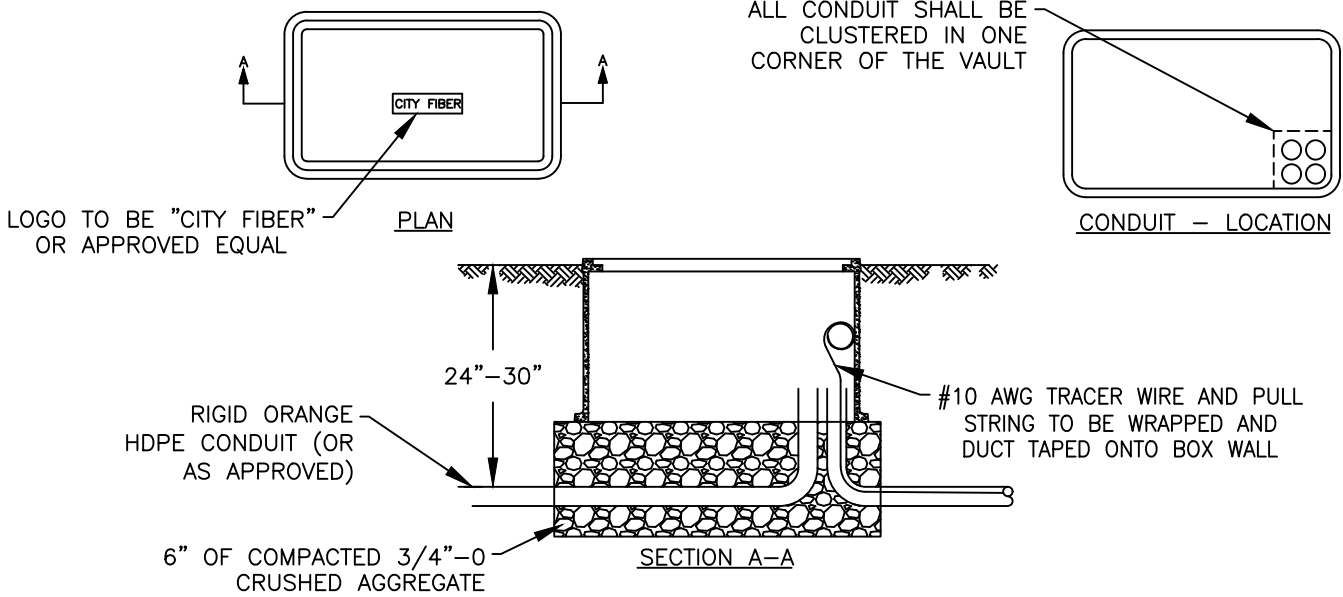
THIS DETAIL IS SCHEMATIC AND FOR
INFORMATIONAL PURPOSES AND SHALL COMPLY
WITH PGE REQUIREMENTS

NOTES:

1. UTILITIES IN JOINT TRENCH VARY BY PROJECT. SEE PLANS FOR LOCATIONS AND SIZES OF CONDUIT FOR EACH UTILITY.
2. SURFACING OF PAVED AREAS SHALL COMPLY WITH STANDARD DETAIL RD-45.

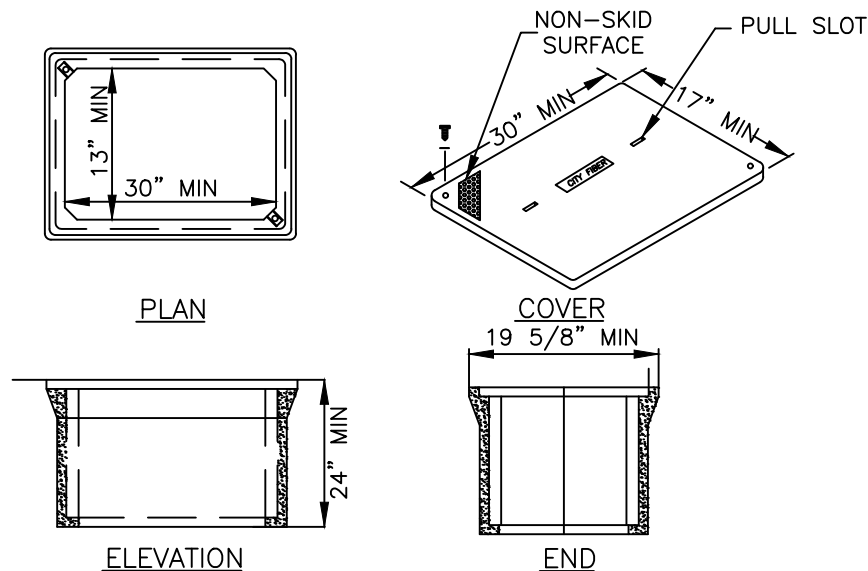


STANDARD DRAWING TITLE		DRAWING NUMBER
CITY FIBER JOINT UTILITY TRENCH		FO-2
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	N.T.S.	MAY '18



INSTALLATION NOTES:

1. CONDUIT SHALL SWEEP INTO JUNCTION BOX FROM 24" - 30" DEPTH OF COVER.
2. CONDUIT ENDS SHALL BE SWEEP UP A MIN. OF 4" AND CAPPED OR COVERED TO PREVENT DEBRIS FROM ENTERING.
3. JUNCTION BOX SHALL BE INSTALLED ON 6" MIN. LAYER OF COMPACTED 3/4"-0 CRUSHED AGGREGATE.
4. JUNCTION BOX SHALL BE INSTALLED PARALLEL AND PERPENDICULAR TO ADJACENT CONCRETE STRUCTURES UNLESS OTHERWISE APPROVED.
5. MULE TAPE AND #10 AWG TRACER WIRE TO BE INSTALLED BY CONTRACTOR.

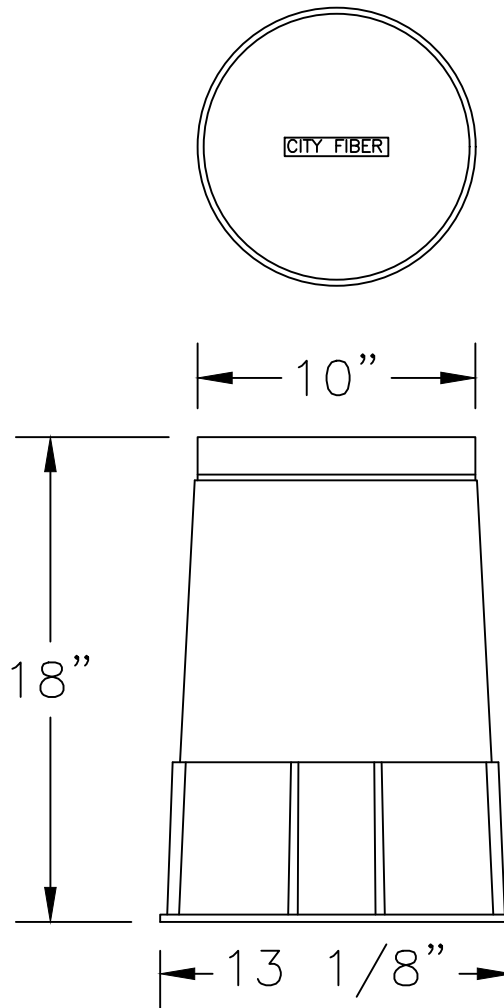


BOX NOTES:

1. JUNCTION BOX IN AREAS SUBJECT TO VEHICLE TRAFFIC SHALL BE CONCRETE OLDCASTLE SYNERTECH COMPOSITE 1730-24/2436-24 UNLESS OTHERWISE SPECIFIED OR APPROVED. BOX SHALL BE 14K LOAD RATED AND MEET ASTM C857 A-12 LOADING SPECIFICATIONS.
2. JUNCTION BOX IN AREAS NOT SUBJECT TO VEHICLE TRAFFIC AND OUTSIDE PAVED AREAS SHALL BE OLDCASTLE CARSON PLASTIC 1730-24/2436-24 UNLESS OTHERWISE SPECIFIED OR APPROVED. BOX SHALL BE 4K LOAD RATED AND MEET ASTM C857 LOADING SPECIFICATIONS.



STANDARD DRAWING TITLE		DRAWING NUMBER
CITY FIBER JUNCTION BOX		FO-3
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	N.T.S.	MAY '18

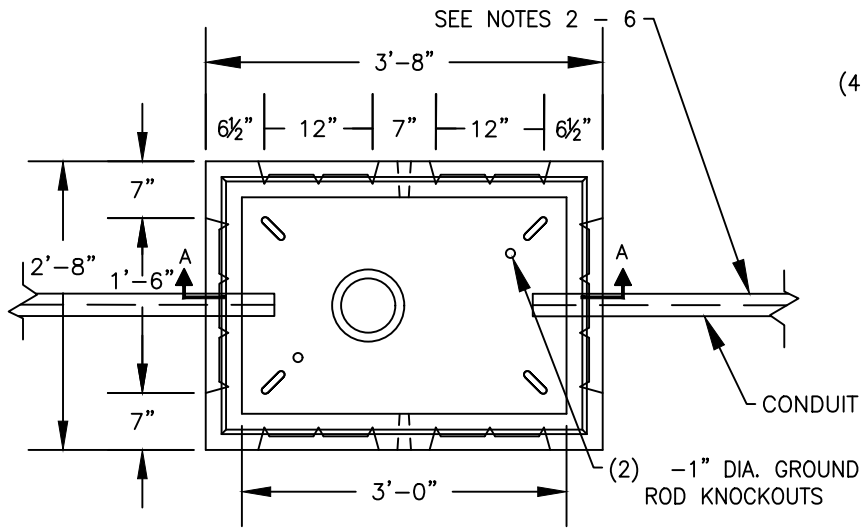


BOX NOTES:

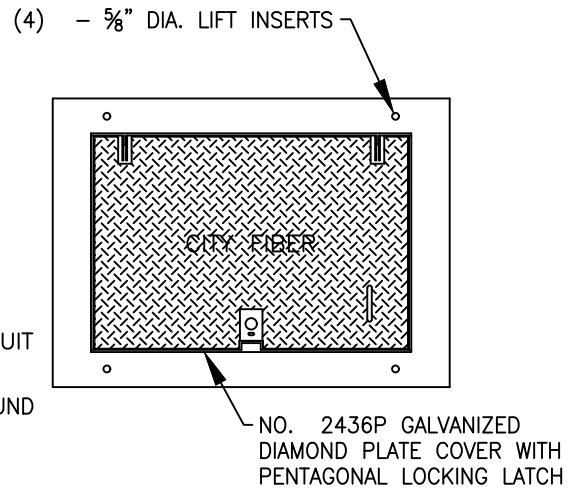
1. SERVICE VAULT IN AREAS SUBJECT TO VEHICLE TRAFFIC SHALL BE SYNERTECH COMPOSITE 1212-18 UNLESS OTHERWISE SPECIFIED OR APPROVED. BOX SHALL BE 14K LOAD RATED AND MEET ASTM C857 A-12 LOADING SPECIFICATIONS.
2. SERVICE VAULT IN AREAS NOT SUBJECT TO VEHICLE TRAFFIC AND OUTSIDE PAVED AREAS SHALL BE OLDCASTLE CARSON PLASTIC 910 UNLESS OTHERWISE SPECIFIED OR APPROVED. BOX SHALL BE BE 4K LOAD RATED AND MEET ASTM C857 LOADING SPECIFICATIONS.



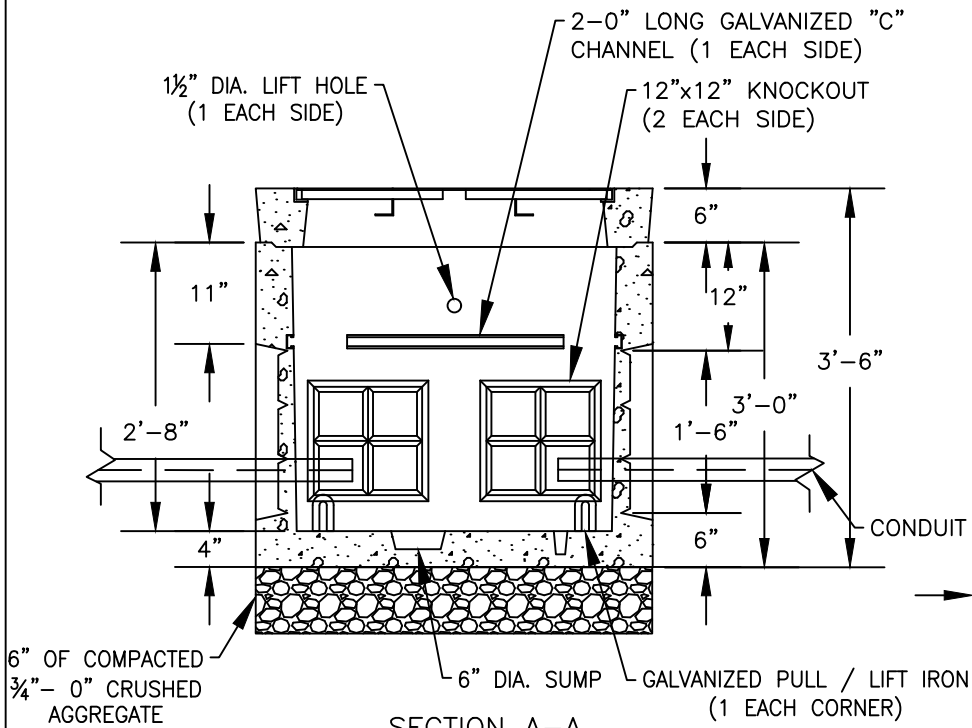
STANDARD DRAWING TITLE		DRAWING NUMBER
CITY FIBER SERVICE BOX		FO-4
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	N.T.S.	MAY '18



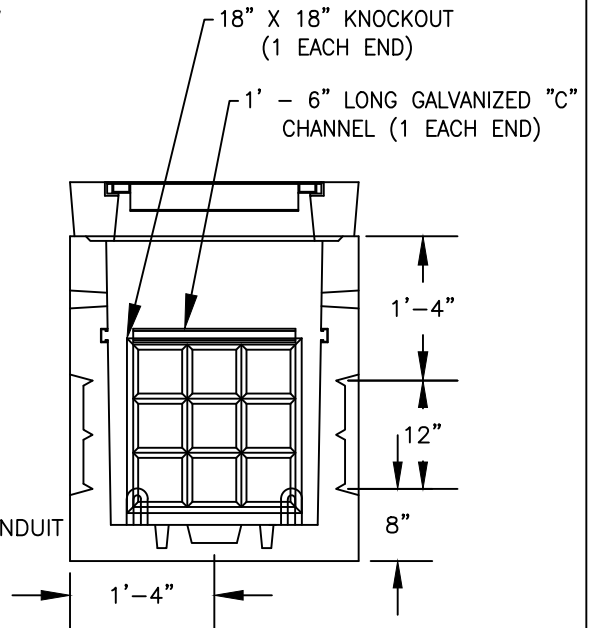
PLAN VIEW



TOP PLAN




SECTION A-A

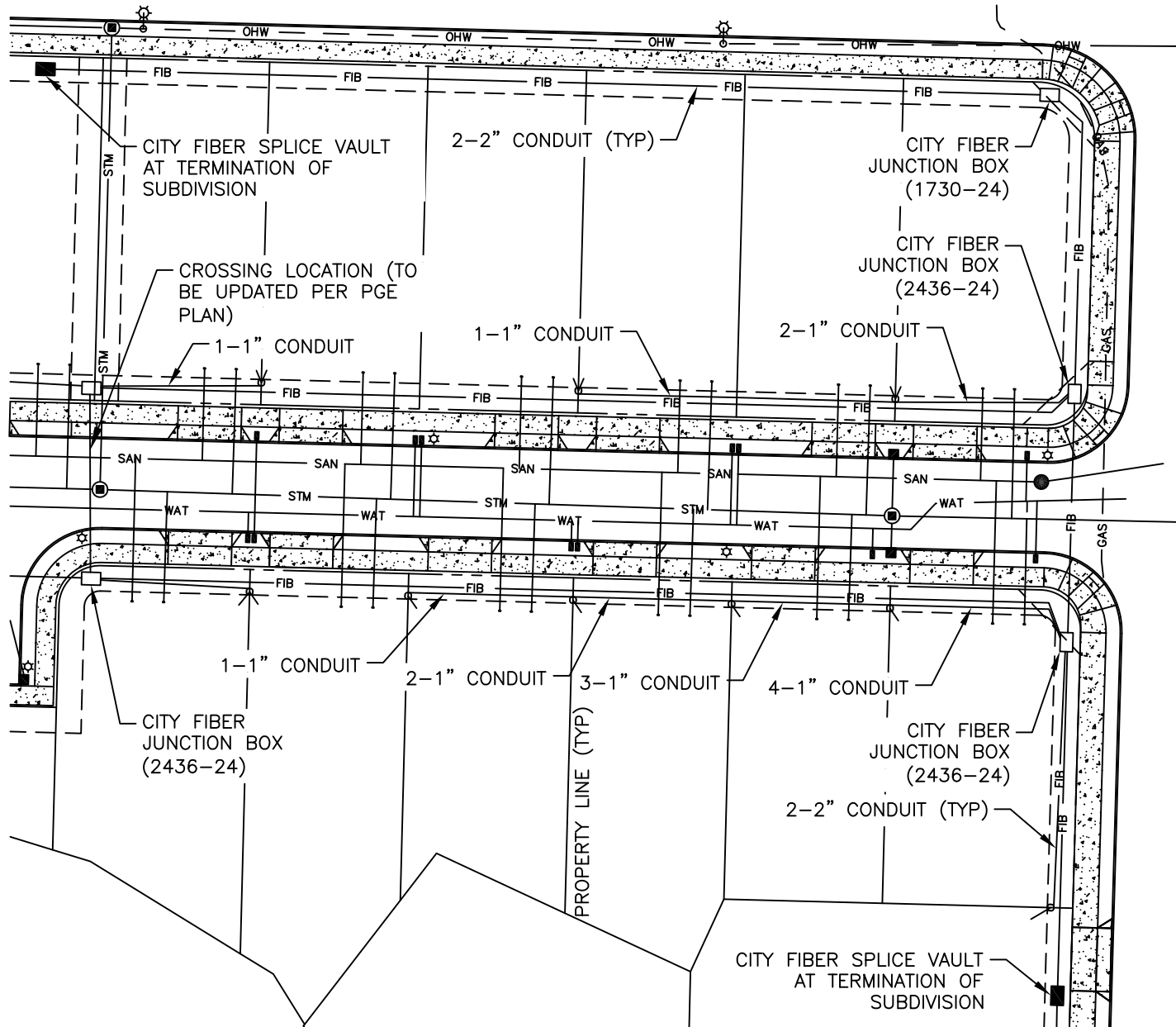


END VIEW

NOTES:

1. FIBER SPLICE VAULT SHALL BE OLDCASTLE PRECAST UTILITY VAULT #233-LA (UNLESS OTHERWISE APPROVED OR SPECIFIED).
2. SEE STANDARD SPECIFICATIONS FOR CONDUIT DEPTH, SIZE AND TYPE. 2-2" ORANGE HDPE TYPICAL.
3. MULE TAPE AND #10 AWG TRACER WIRE TO BE INSTALLED BY CONTRACTOR. MULE TAPE AND TRACER WIRE TO BE WRAPPED AND DUCT TAPED TO SIDE WALL OF VAULT.
4. SPLICE VAULT TO BE INSTALLED ON 6" MIN. LAYER OF COMPACTED 3/4" - 0 CRUSHED ROCK.
5. GROUT CONDUIT ACCESS HOLES WITH NON-SHRINK GROUT.

	STANDARD DRAWING TITLE		DRAWING NUMBER	
	CITY FIBER SPLICER VAULT		FO-5	
	Any alteration of this drawing may not be associated in any way with the City of Sherwood Standard Drawings.	SCALE		DATE
		N.T.S.		MAY '18



LEGEND

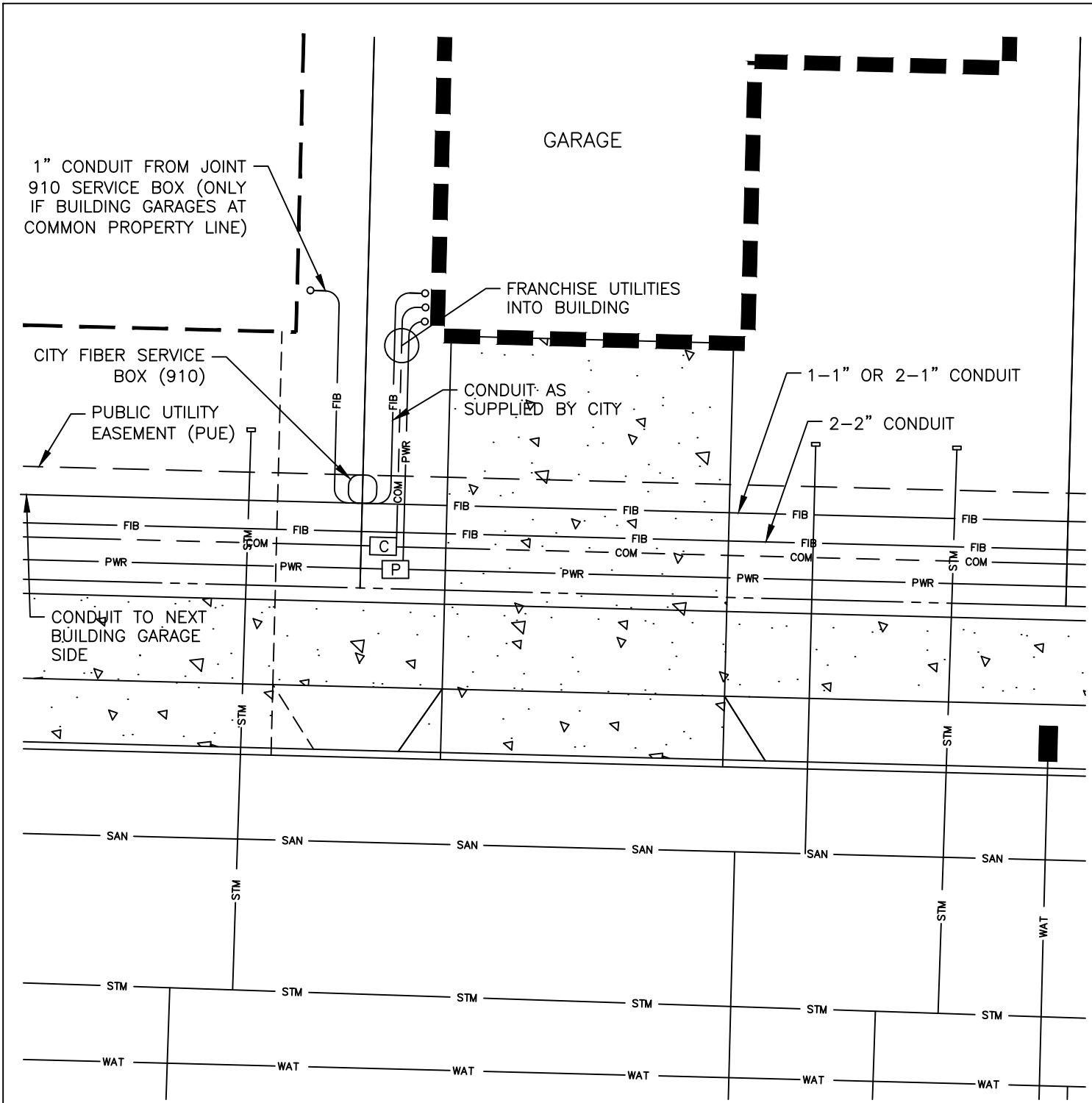
- - CITY FIBER SERVICE BOX
- - CITY FIBER JUNCTION BOX
- - CITY FIBER SPLICE VAULT

NOTES:


1. FIBER OPTIC PLAN TO BE REVISED PER PGE PLAN REQUIREMENTS. CONTRACTOR/ENGINEER TO SUBMIT UPDATED PLANS.
2. MAXIMUM OF 12 LOTS TO BE SERVED FROM JUNCTION BOX.
3. 2-2" (OR 4" IF EXISTING) CONDUIT LINES TO BE LAID FROM SPLICER VAULT TO JUNCTION BOX/SPLICER VAULT.
4. CITY FIBER JUNCTION BOXES AT ALL STREET CROSSINGS SHALL BE OLDCASTLE 2436-24.
5. CITY FIBER SERVICE BOX SHALL BE INSTALLED AT PROPERTY LINE ADJACENT TO BUILDING GARAGE.
6. CITY FIBER SERVICE BOX SHALL BE SHARED BETWEEN TWO ADJACENT PROPERTIES ONLY IF BUILDING GARAGES ARE LOCATED AT COMMON PROPERTY LINE.
7. CITY FIBER SERVICE BOXES SHALL BE LOCATED IN AREAS SO NO HARD SURFACE EXCAVATION IS REQUIRED TO THE BUILDING (UNLESS APPROVED BY CITY).



STANDARD DRAWING TITLE		DRAWING NUMBER
CITY FIBER GENERAL SITE LAYOUT		FO-6
Any alteration of this drawing may not be associated in any way with the City of Sherwood Standard Drawings.	SCALE	DATE
	N.T.S.	2020.03.17 UPDATED



- NOTES:
1. FIBER OPTIC PLAN TO BE REVISED PER PGE PLAN REQUIREMENTS. CONTRACTOR/ENGINEER TO SUBMIT UPDATED PLANS.
 2. 910 SERVICE BOXES SHALL BE INSTALLED AT PROPERTY LINE AND CONDUIT SHALL BE PLACED WITHIN LANDSCAPING AREA BY CITY.

	STANDARD DRAWING TITLE		DRAWING NUMBER	
	CITY FIBER HOUSE/BUILDING UTILITY LAYOUT		FO-7	
	Any alteration of this drawing may not be associated in any way with the City of Sherwood Standard Drawings.	SCALE		DATE
		N.T.S.		MAY '18