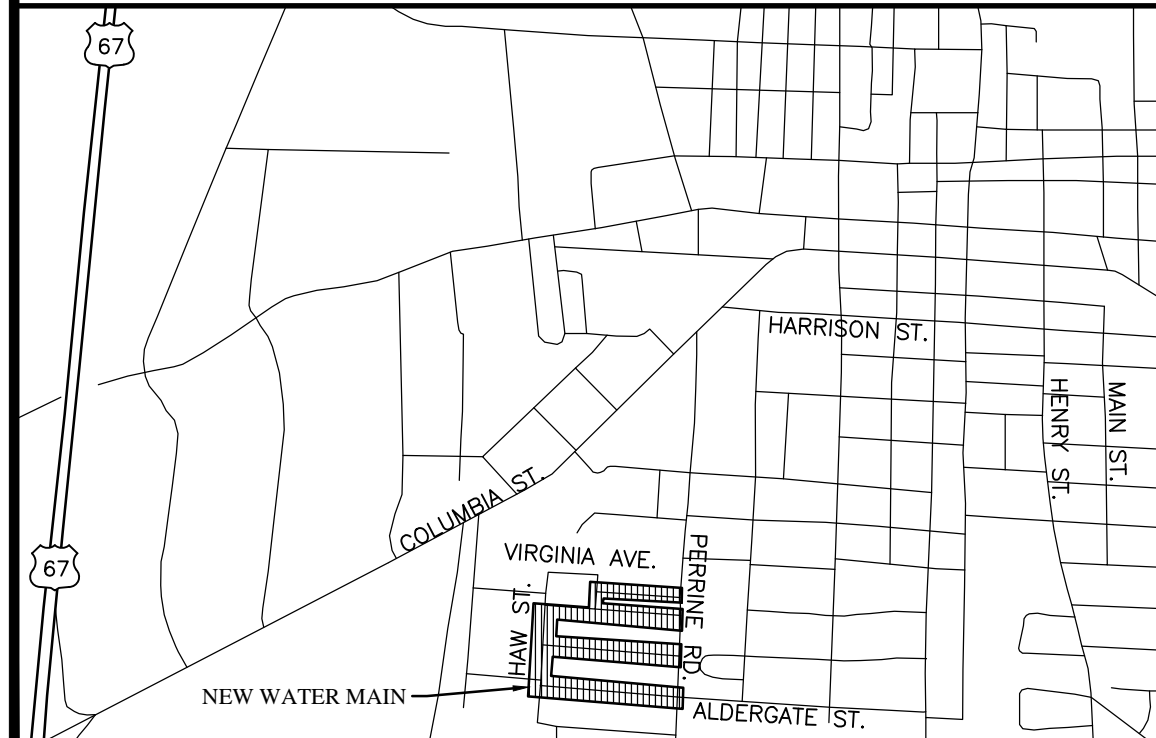
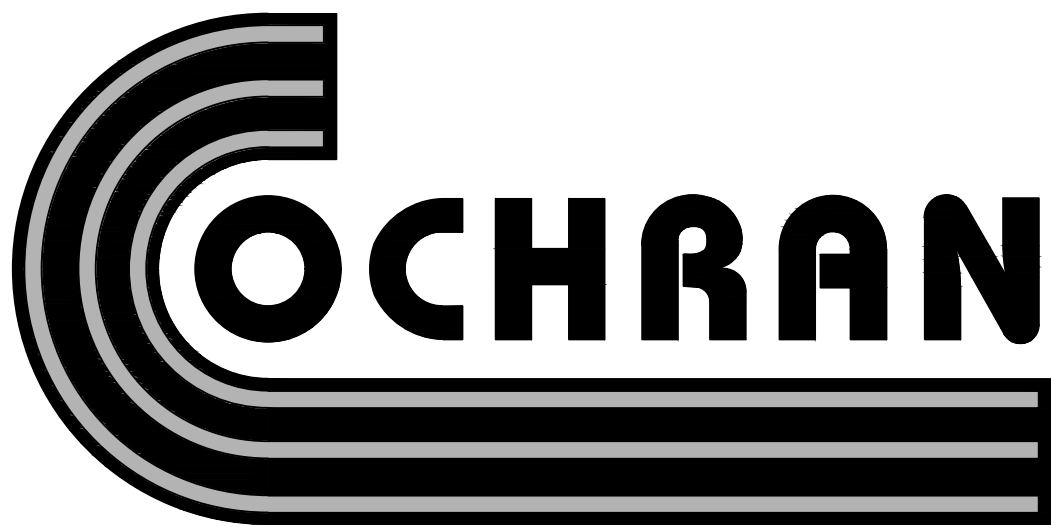


# VIRGINIA STREET, YALE AVENUE, WESLEY DRIVE, ALDERGATE STREET, & HAW STREET WATER MAIN IMPROVEMENT PLANS FOR THE CITY OF FARMINGTON

CONTACT INFORMATION	
OWNER / DEVELOPER	
OWNER: CITY OF FARMINGTON	
REPRESENTATIVE: LARRY LACY	
ADDRESS: 12 SOUTH FRANKLIN STREET, FARMINGTON, MO, 63640	
PHONE: 573-756-0608	
WATER / SEWER	
OWNER: CITY OF FARMINGTON	
REPRESENTATIVE: CASEY BARNHOUSE	
ADDRESS: 12 SOUTH FRANKLIN STREET, FARMINGTON, MO, 63640	
PHONE: 573-756-7698	
ELECTRIC	
OWNER: CITY OF FARMINGTON	
REPRESENTATIVE: BRUCE BELVIN	
ADDRESS: 2 INDUSTRIAL DR., FARMINGTON, MO, 63640	
PHONE: 573-701-4567	
GAS	
OWNER: SPIRE	
REPRESENTATIVE: DAVE CRUMP	
ADDRESS: 410 WEST MAIN STREET, FESTUS, MO, 63028	
PHONE: 636-931-5353	
TELEPHONE	
OWNER: AT&T	
REPRESENTATIVE: ALLEN RICH	
PHONE: 573-431-4589	
	
VICINITY MAP NO SCALE	

PROJECT NO. 24-9910



- CIVIL ENGINEERING
- LAND SURVEYING
- ARCHITECTURE
- SITE DEVELOPMENT
- MASTER PLANNING
- GENERAL CONSULTING

530A E. INDEPENDENCE DRIVE, UNION, MISSOURI 63084  
TELEPHONE (636) 584-0540  
FAX (636) 584-0512  
E-MAIL mail@cochraneng.com

SHEET INDEX	SHEET
NOTES SHEET	N1
INDEX SHEET	I1
WATER MAIN #1 (VIRGINIA ST): STA. 0+00 TO STA. 7+21	C1
WATER MAIN #2 (YALE AVE TO ALDERGATE ST): STA. 0+00 TO STA. 7+80	C2
WATER MAIN #2 (YALE AVE TO ALDERGATE ST): STA. 7+80 TO STA. 15+60	C3
WATER MAIN #2 (YALE AVE TO ALDERGATE ST): STA. 15+60 TO STA. 23+40	C4
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WATER MAIN #3 (WESLEY DR): STA. 0+00 TO STA. 7+80	C6
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DETAIL SHEET	D1
DETAIL SHEET	D2

OUT TO BID

FOR BIDDING PURPOSES ONLY  
NOT TO BE USED FOR CONSTRUCTION

DECEMBER, 2024  
OUT TO BID



Timothy J. Garbs No. PE-2023022892  
Professional Engineer  
State of Missouri  
Cochran

Three working days prior to the start of any excavation on this site, contractor shall call 1-800-DIG-RITE for utility location information.

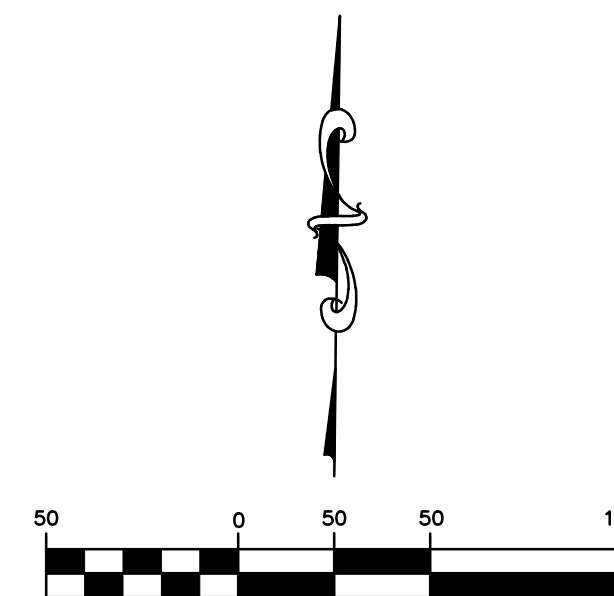
All OSHA rules & regulations established for the type of construction required by these plans shall be strictly followed (ie. Trenching, Blasting, etc.)







## *INDEX SHEET*



DECEMBER, 2024

## LEGEND

EXISTING	PROPOSED
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- 

## OUT TO BID

FOR BIDDING PURPOSES ONLY  
NOT TO BE USED FOR CONSTRUCTION

636-584-0540 (tel.)  
636-584-0519 (fax)  
530A, E. Independence Dr.  
Union, Missouri 63084  
mail@ochran.com

**ochran**

- Civil Engineering
- Land Surveying
- Architecture
- Site Development
- General Consulting
- Professional Planning

Missouri State Certificate of Authority Numbers:  
Survey: 000380  
Engineering: 001655  
Architecture: 200201424

Three working days prior to the start of any excavation on this site, contractor shall call 1-800-DIG-RITE for utility location information.

Timothy J. Garbs, PE  
MO# PE-2023022892

**WATER MAIN IMPROVEMENTS  
FOR THE  
CITY OF FARMINGTON**

<b>INDEX SHEET</b>	<b>DATE:</b>	DEC. 2024	
	<b>SOURCE:</b>	1" = 50"	
	<b>PRIOR NO.</b>	24-9910	
	<b>DWG. NO.</b>		
	<b>DWG. N/A</b>		
	<b>I I</b>		

$$I$$



DWG NAME: F:\Jobs\24-9910 - Farmington Watermain Replacement Projects\AutoCad Drawings\XXXX - Plan Sheets\South\CX - WATER MAIN #1 - VIRGINIA ST.dwg PLOTTED BY: TGarbs

NOTE:  
ALL EXISTING WATER MAINS SHALL BE ABANDONED ONCE ALL SERVICES HAVE BEEN TRANSFERRED.

NOTE:  
CONTRACTOR SHALL MAINTAIN 42" COVER (MINIMUM) OVER TOP OF NEW WATER MAIN WHILE ENSURING 18" MINIMUM SEPARATION BETWEEN EXISTING SANITARY SEWER AND NEW WATER MAIN. (CONTRACTOR TO FIELD VERIFY LOCATION BEFORE INSTALLATION OF NEW WATER MAIN).

NOTE:  
UNDERGROUND UTILITIES SHOWN ARE FROM UTILITY LOCATES AND ANY ADJUSTMENT OF UTILITIES SHALL BE COORDINATED WITH THE UTILITY COMPANY AT THE CONTRACTOR'S EXPENSE. THESE CONFLICTS MAY REQUIRE LOWERING OF THE UTILITY TO AVOID CONFLICT.

NOTE:  
THE TRENCH SHALL BE FILLED WITH COMPACTED GRANULAR BACKFILL TO EXISTING GRADE.

NOTE:  
CONTRACTOR SHALL ONLY HAVE 300 LINEAL FEET OF ROAD UNDER CONSTRUCTION AT ONE TIME. NO STREETS SHALL HAVE AN OPEN TRENCH LEFT OVER THE WEEKEND. ONE-WAY TRAFFIC FLOW SHALL BE MAINTAINED AT ALL TIMES.

NOTE:  
ALL STORM CULVERTS DAMAGED OR REMOVED DURING WATER MAIN CONSTRUCTION SHALL BE FIELD VERIFIED BY CONTRACTOR WITH NEW PIPES OF LIKE SIZE AND MATERIAL AT THEIR EXPENSE.

NOTE:  
CONTRACTOR SHALL SAWCUT PAVEMENT FULL DEPTH TO ENSURE A SMOOTH JOINT. FOR READABILITY SAWCUT AND PAVEMENT REPAIR IS NOT SHOWN IN THE PLAN VIEW. (SEE ASPHALT PAVEMENT REPAIR DETAIL, SHEET D1)

NOTE:  
SEE NOTE SHEET FOR EROSION CONTROL NOTES.

NOTE:  
CONTRACTOR TO REMOVE EXISTING WATER METERS AND CURB STOPS AND REPLACE WITH NEW MINNESOTA STYLE CURB STOPS AND NEW WATER METERS.

NOTE:  
EXISTING WATER MAIN SHALL BE PHYSICALLY DISCONNECTED FROM THE SYSTEM AFTER NEW MAIN IS PLACED INTO SERVICE.

NOTE:  
ALL FITTINGS TO INCLUDE RETAINER GLANDS AND THRUST BLOCKING.

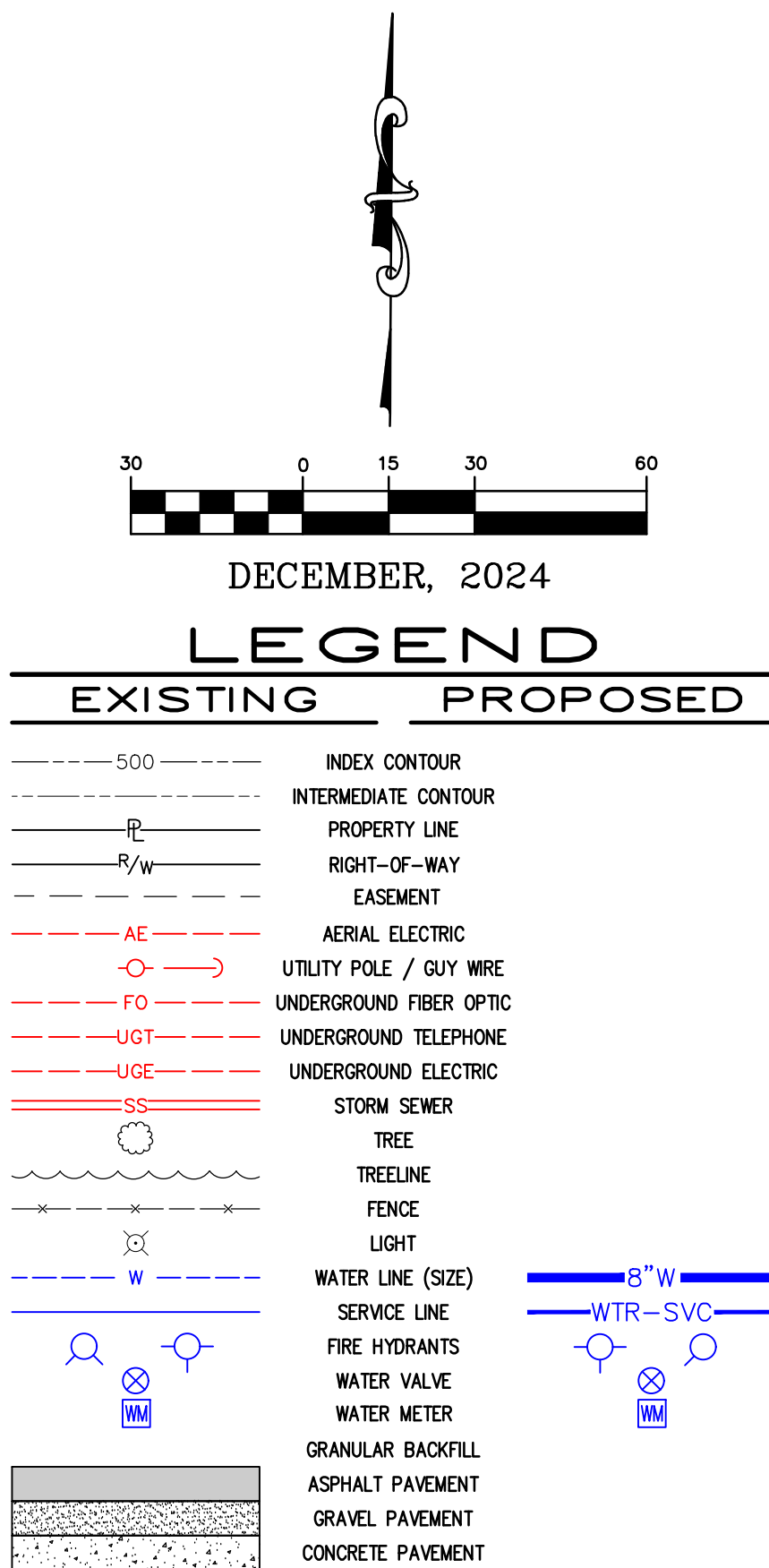
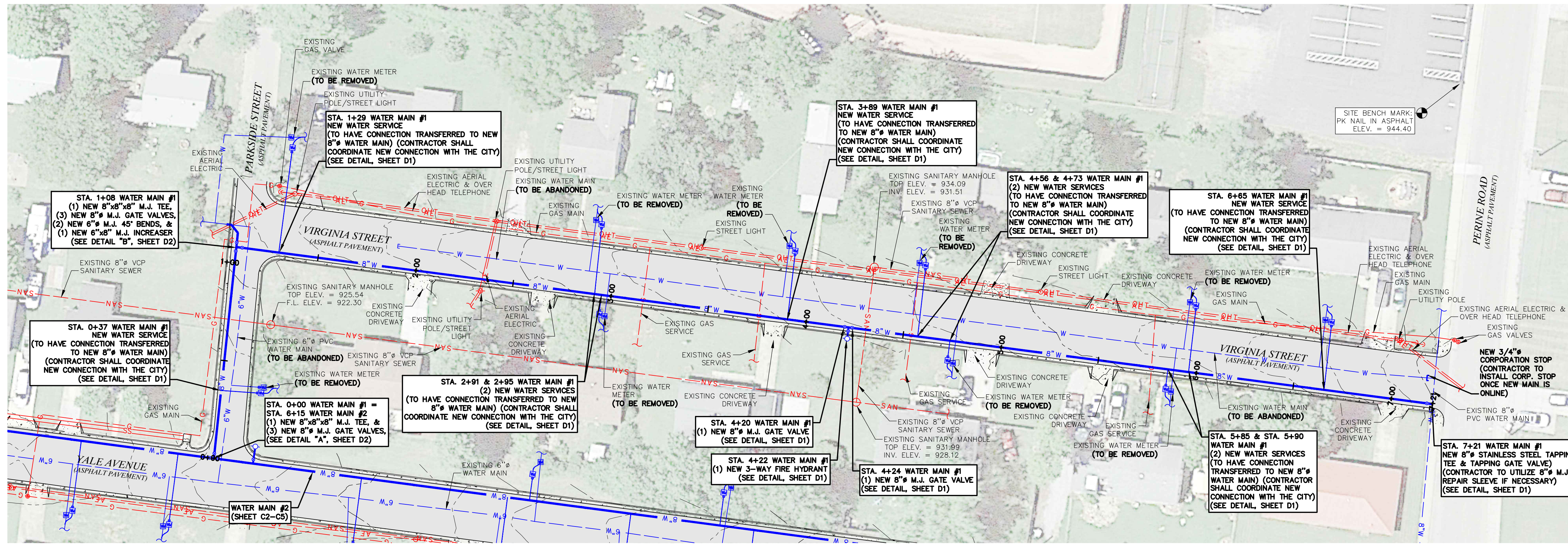
NOTE:  
CONTRACTOR TO REMOVE EXISTING FIRE HYDRANTS AND RETURN TO THE CITY AT THEIR CONVENIENCE.

NOTE:  
ALL GATE VALVES IN GRASS AREAS SHALL HAVE A CARBONITE GLASS FIBER UTILITY STAKE WITH THE WORDS "WATER VALVE." THE UTILITY STAKE SHALL BE "WHITE" IN COLOR WITH "BLUE" LETTERING. VALVE CLUSTERS PART OF HYDRANTS AND DETAILS SHALL ONLY REQUIRE ONE STAKE.

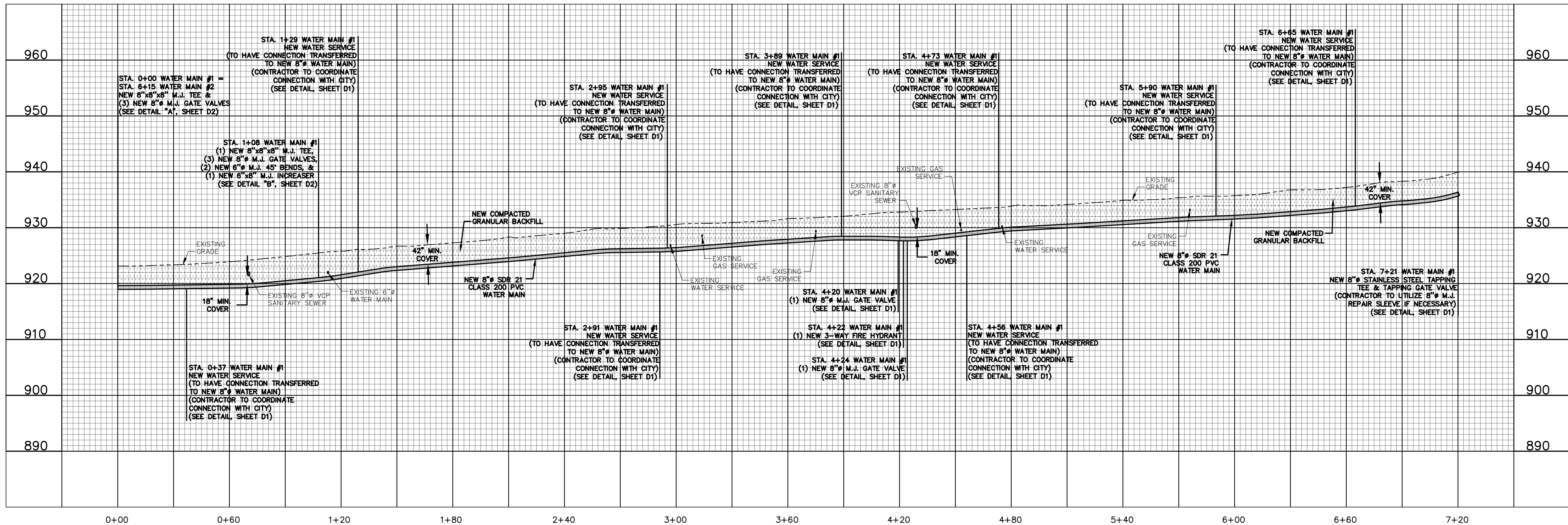
NOTE:  
EXISTING METERS AND FIRE HYDRANTS REMOVED DURING PROJECT SHALL BE RETURNED TO THE CITY.

**OUT TO BID**

FOR BIDDING PURPOSES ONLY  
NOT TO BE USED FOR CONSTRUCTION



**WATER MAIN #1: STA. 0+00 TO STA. 7+21**



636-584-0540 (tel.)  
636-584-0512 (fax)  
malbecchran.com

**COCHRAN**

530A E. Independence Dr.  
Union, Missouri 63084

Missouri State Certificate of Authority Numbers:  
Survey : 000380  
Engineering : 001655  
Architecture : 2002014240

Three working days prior to the start of any excavation, call 1-800-UG-RITE for utility location information.

All OSHA rules & regulations apply to all construction projects. Plans and specifications shall be strictly followed (ie. trenching, blasting, etc.).

Timothy J. Garbs, PE  
MO# PE-2023022892

**WATER MAIN IMPROVEMENTS FOR THE CITY OF FARMINGTON**

**WATER MAIN #1: STA. 0+00 TO STA. 7+21**

DWG. BY: T.GARBS  
DATE: DEC. 2024  
FOR SCALE: 1"=30'  
VERT. SCALE: 1"=10'  
PROJ. NO: 24-9910  
DWG. NO: C1



DWG NAME: F:\Jobs\24-9910 - Farmington Watermain Replacement Projects\AutoCad Drawings\XXX - Plan Sheets\South\CK - WATER MAIN #2 - YALE AVE TO ADEGATE ST.dwg LAYOUT TAB: C2 PLOTTED ON: Dec 10, 2024 - 8:53am PLOTTED BY: TGarbs

NOTE:  
ALL EXISTING WATER MAINS SHALL BE ABANDONED ONCE ALL SERVICES HAVE BEEN TRANSFERRED.

NOTE:  
CONTRACTOR SHALL MAINTAIN 42" COVER (MINIMUM) OVER TOP OF NEW WATER MAIN WHILE ENSURING 18" MINIMUM SEPARATION BETWEEN EXISTING SANITARY SEWER AND NEW WATER MAIN. (CONTRACTOR TO FIELD VERIFY LOCATION BEFORE INSTALLATION OF NEW WATER MAIN).

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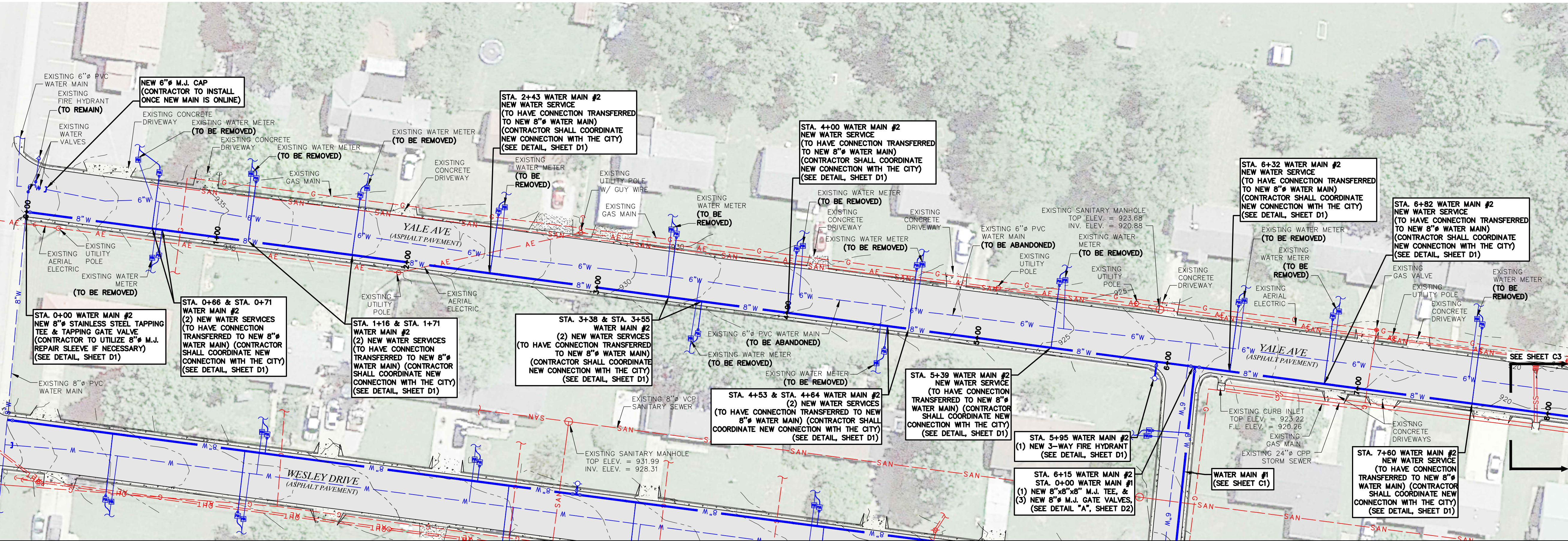
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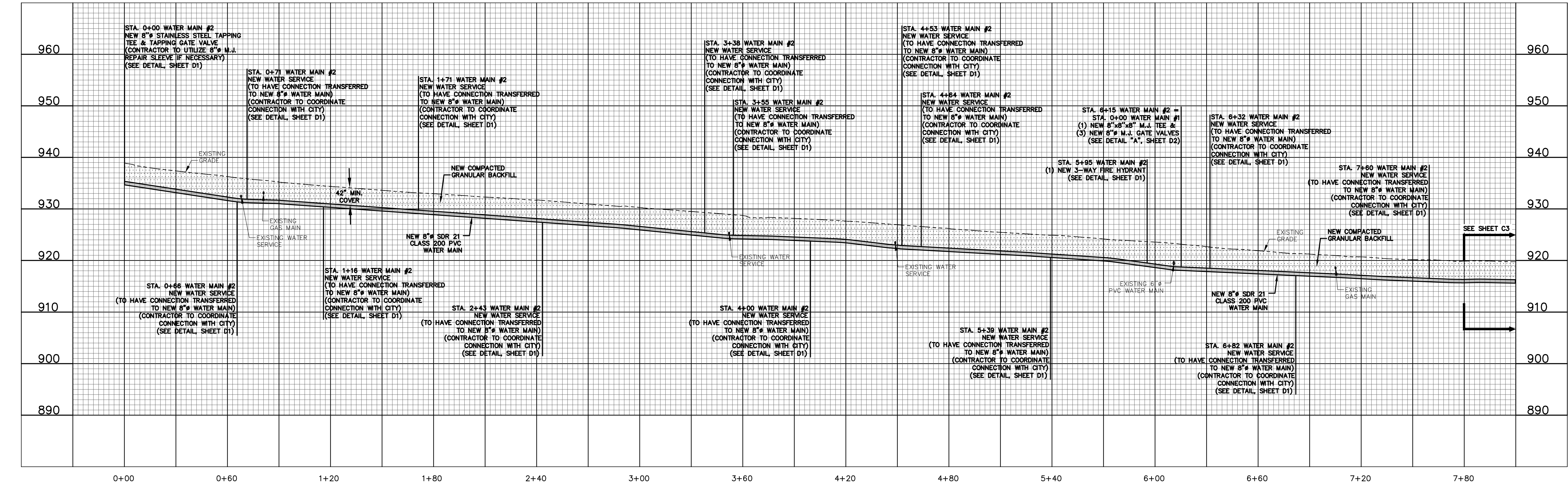
NOTE:  
EXISTING METERS AND FIRE HYDRANTS REMOVED DURING PROJECT SHALL BE RETURNED TO THE CITY.

**OUT TO BID**

FOR BIDDING PURPOSES ONLY  
NOT TO BE USED FOR CONSTRUCTION



**WATER MAIN #2: STA. 0+00 TO STA. 7+80**



636-584-0540 (tel.)  
636-584-0512 (fax)  
mgarbs@ochran.com  
530A E. Independence Dr.  
Union, Missouri 63084

**MOHRAN**

Civil Engineering  
Land Surveying  
Architecture  
Site Development  
General Consulting  
Master Planning

Missouri State Certificate of Authority Numbers:  
Survey: 000380  
Engineering: 001655  
Architecture: 2002014240

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All OSHA rules & regulations shall be strictly followed during construction required by these plans and be strictly followed (ie. trenching, blasting, etc.).

STATE OF MISSOURI  
TIMOTHY J. GARBS JR.  
Professional Engineer  
NUMBER  
PE-2023022892  
12-9-24

Timothy J. Garbs, PE  
MO# PE-2023022892

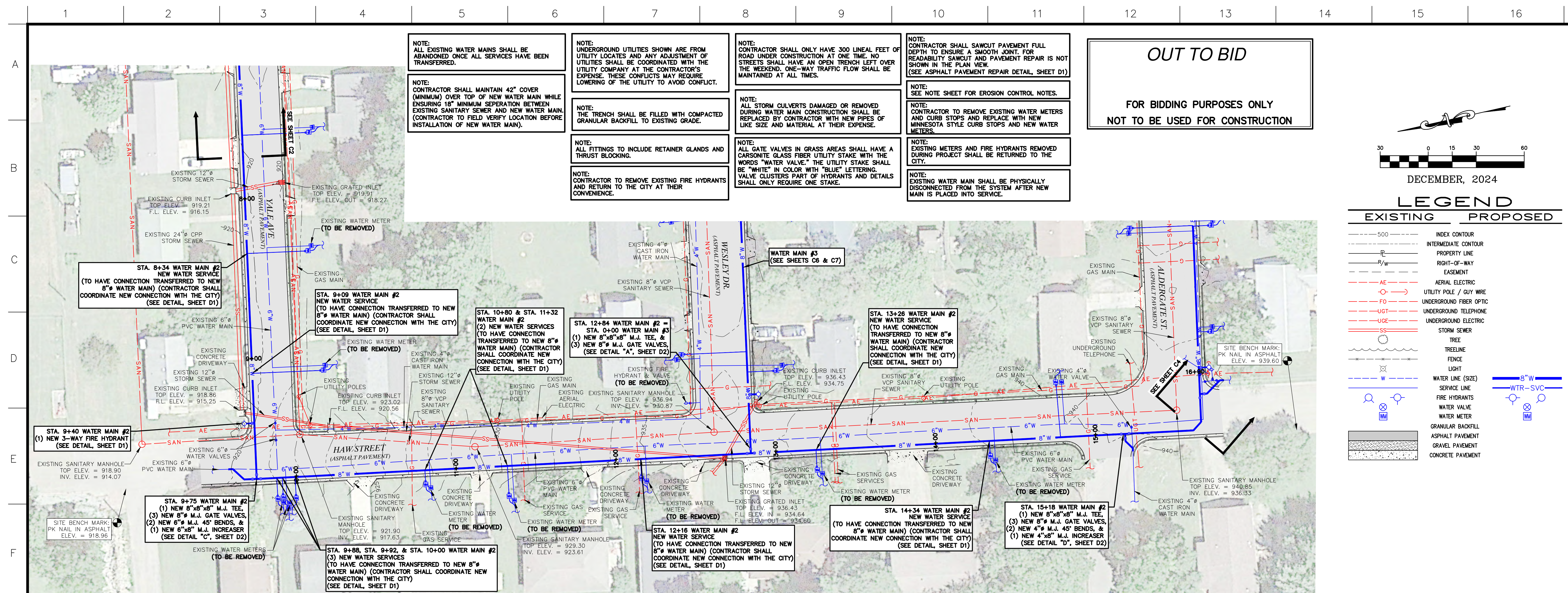
**WATER MAIN IMPROVEMENTS  
FOR THE  
CITY OF FARMINGTON**

**WATER MAIN #2: STA. 0+00 TO STA. 7+80**

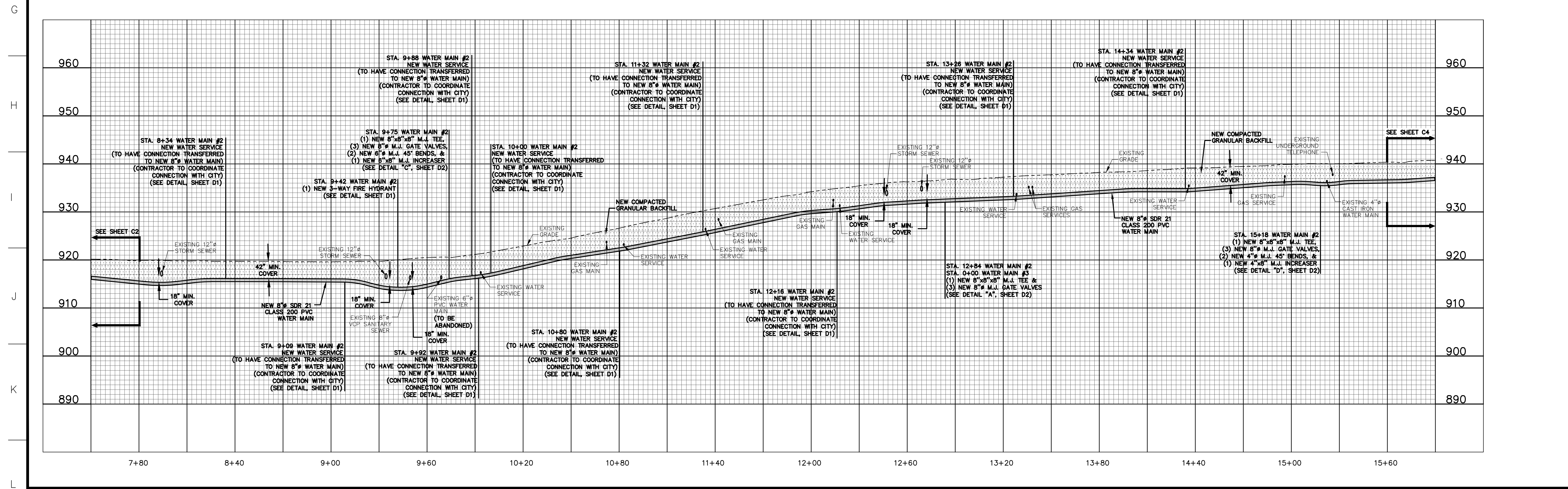
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DATE: DEC. 2024  
FOR SCALE: 1"=30'  
VERT. SCALE: 1"=10'  
PROJ. NO.: 24-9910  
DWG. NO.: C2



DWG NAME: F:\24-9910 - Farmington Watermain Replacement Projects\AutoCad Drawings\XXX - Plan Sheets\South\10 - WATER MAIN #2 - YALE AVE TO ALDERGATE STREET LAYOUT TAB C3 PLOTTED ON: Dec 09, 2024 - 8:16am PLOTTED BY: mbroy



### WATER MAIN #2: STA. 7+80 TO STA. 15+60



WATER MAIN IMPROVEMENTS  
FOR THE  
CITY OF FARMINGTON

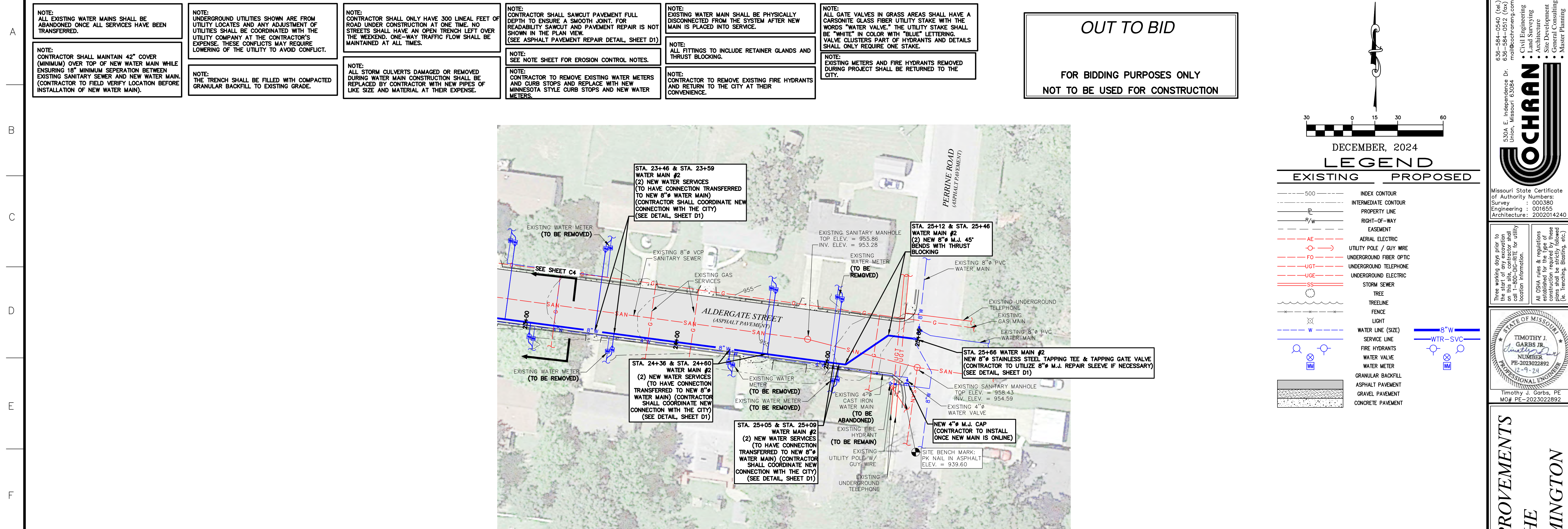
WATER MAIN #2: STA. 7+80 TO STA. 15+60

C3

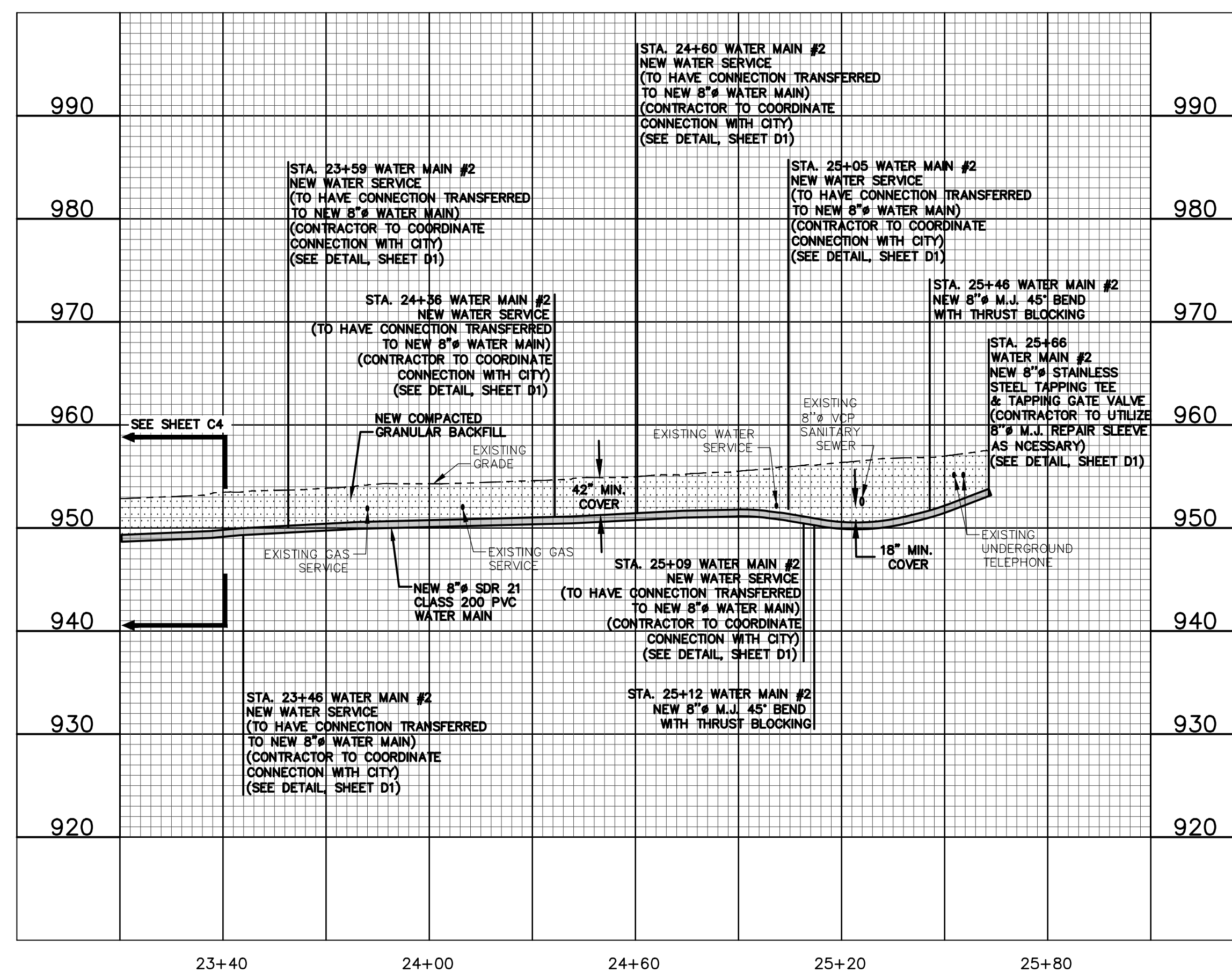








*WATER MAIN #2: STA. 23+40 TO STA. 25+66*







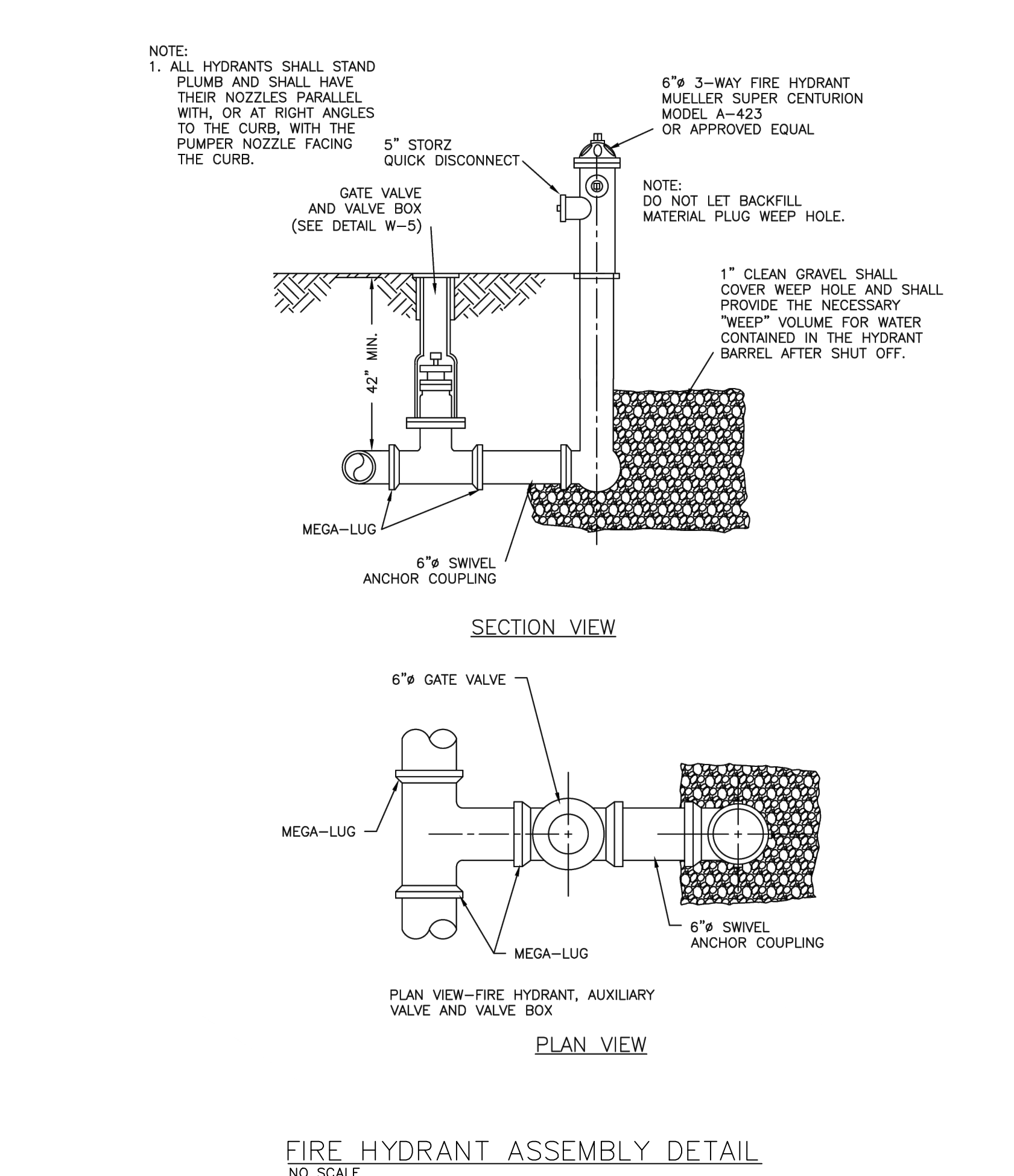
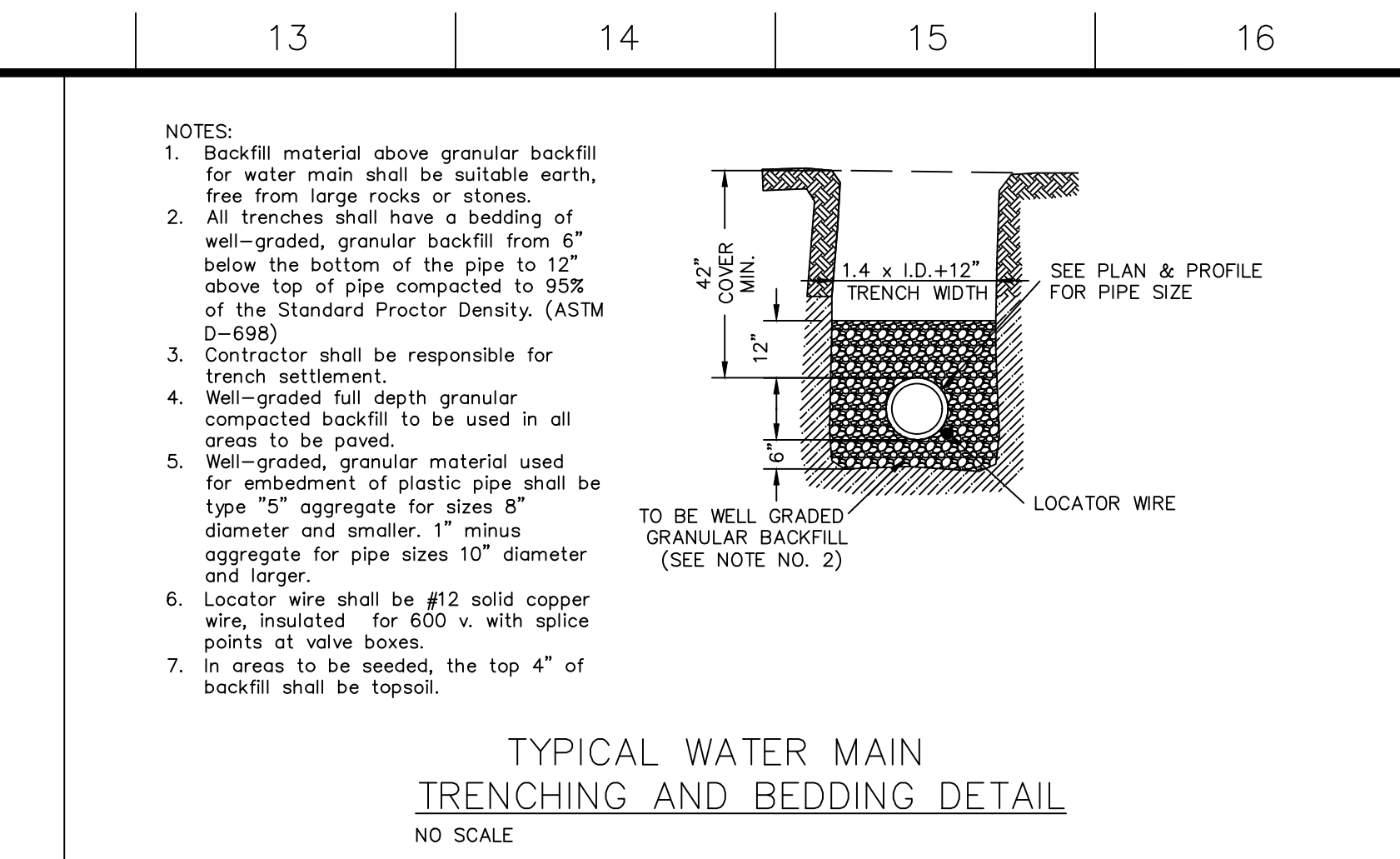
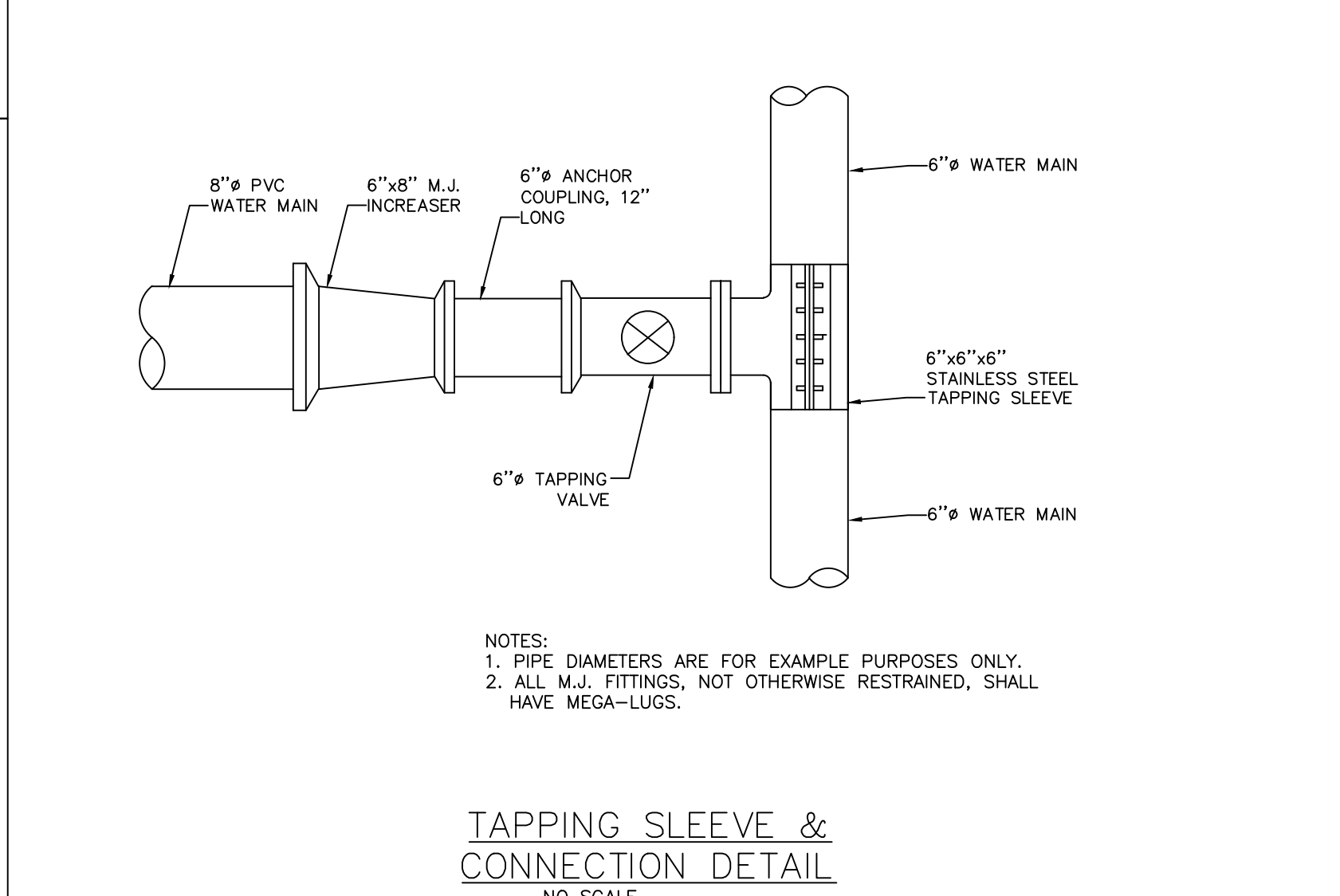
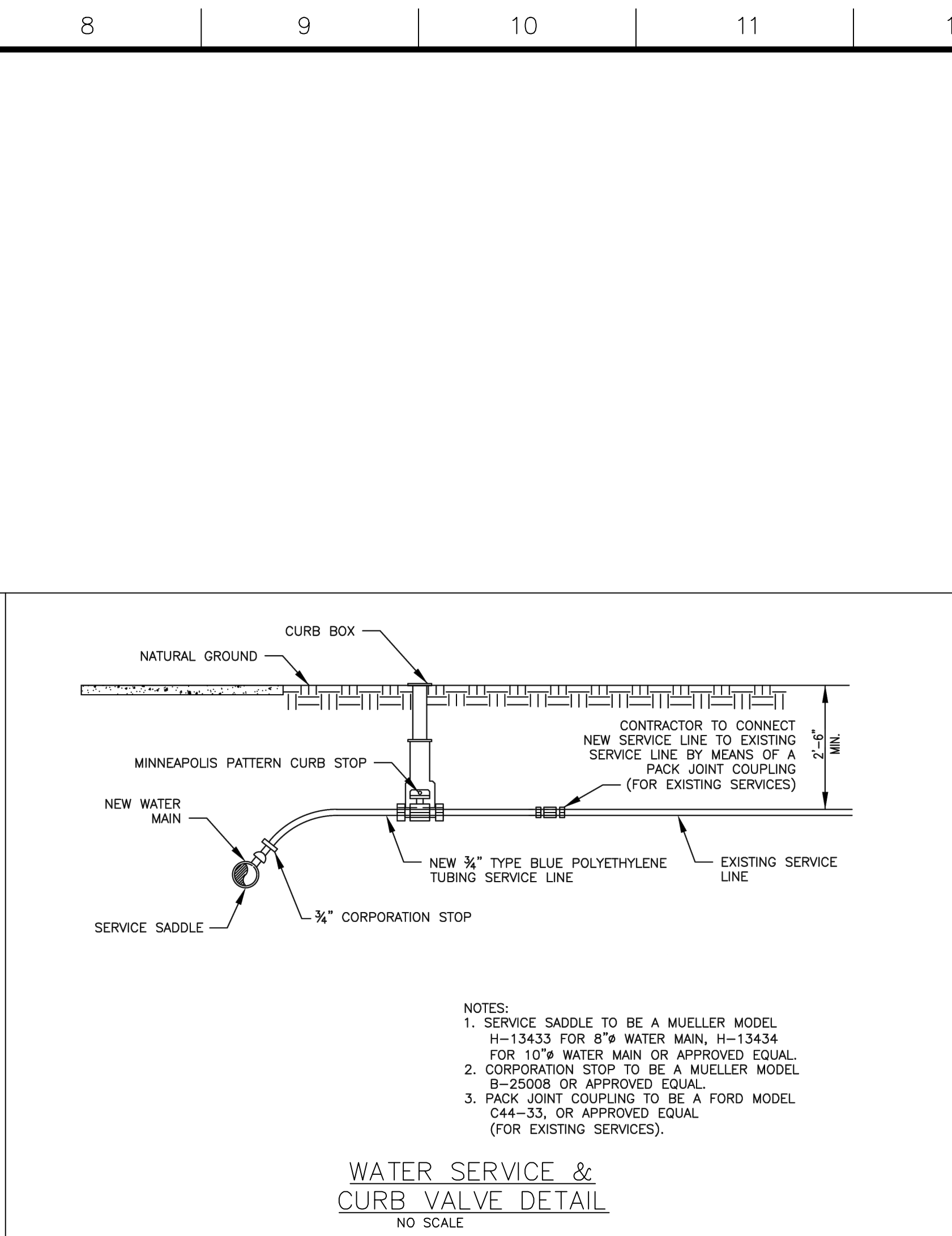
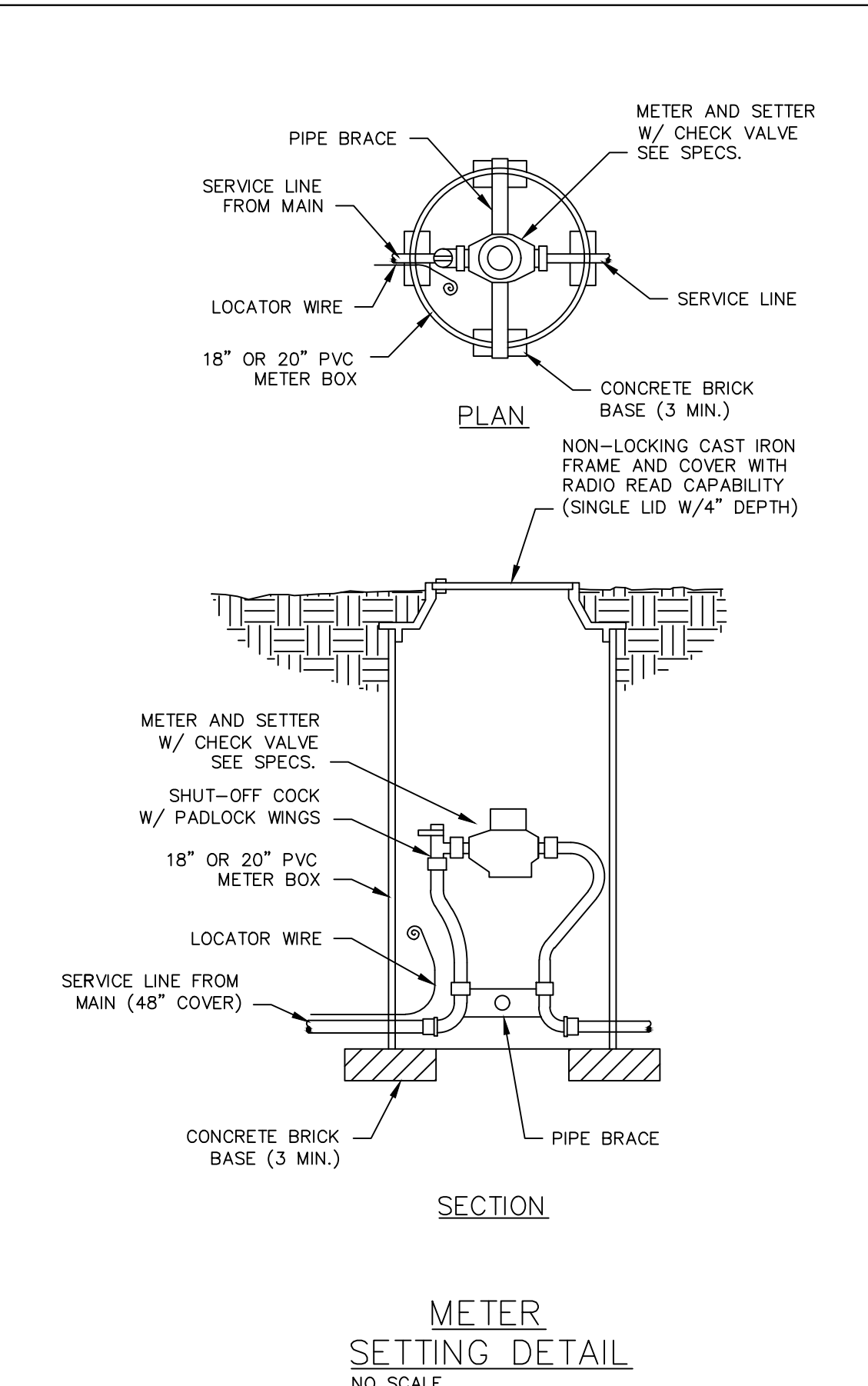
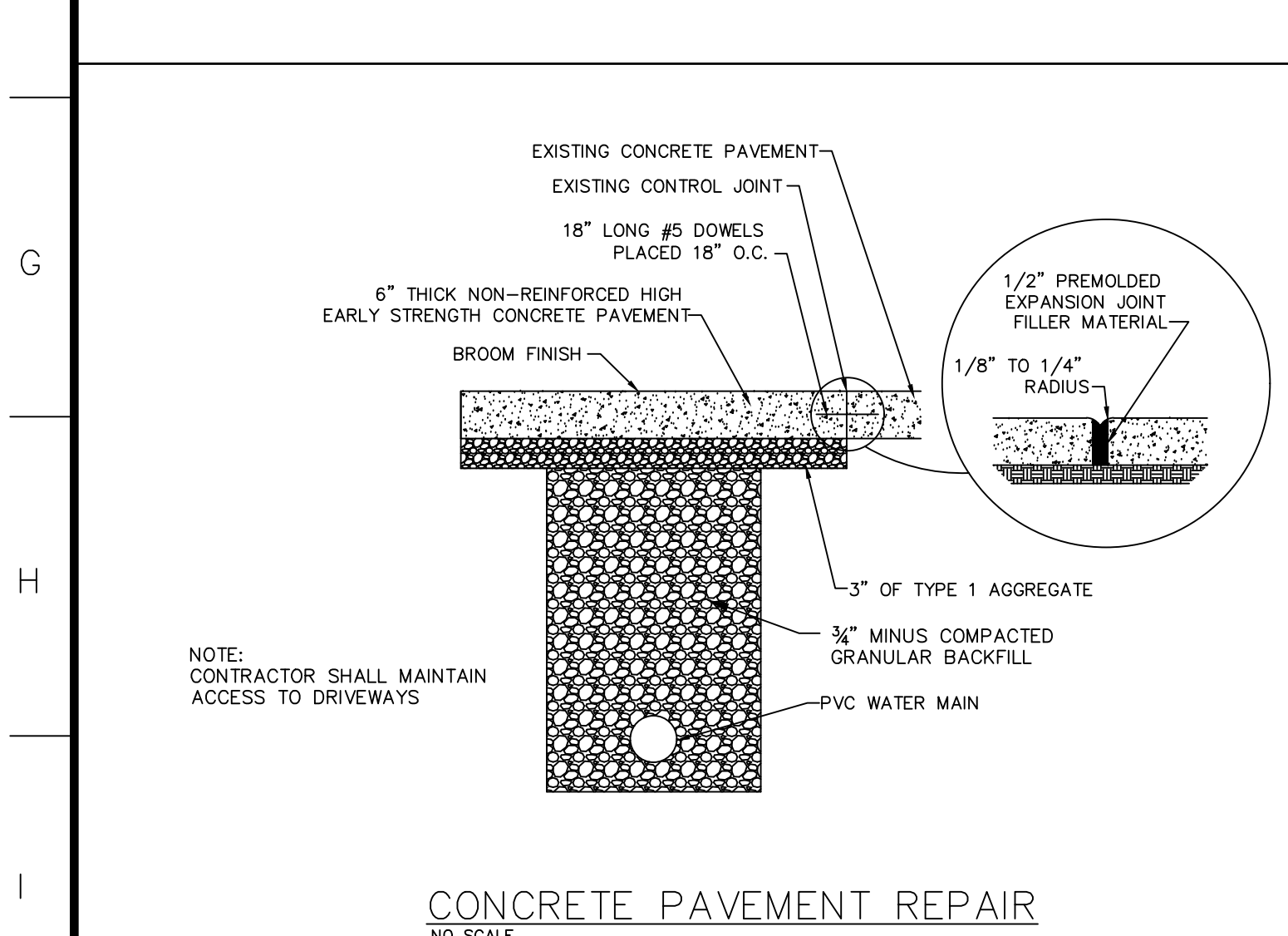
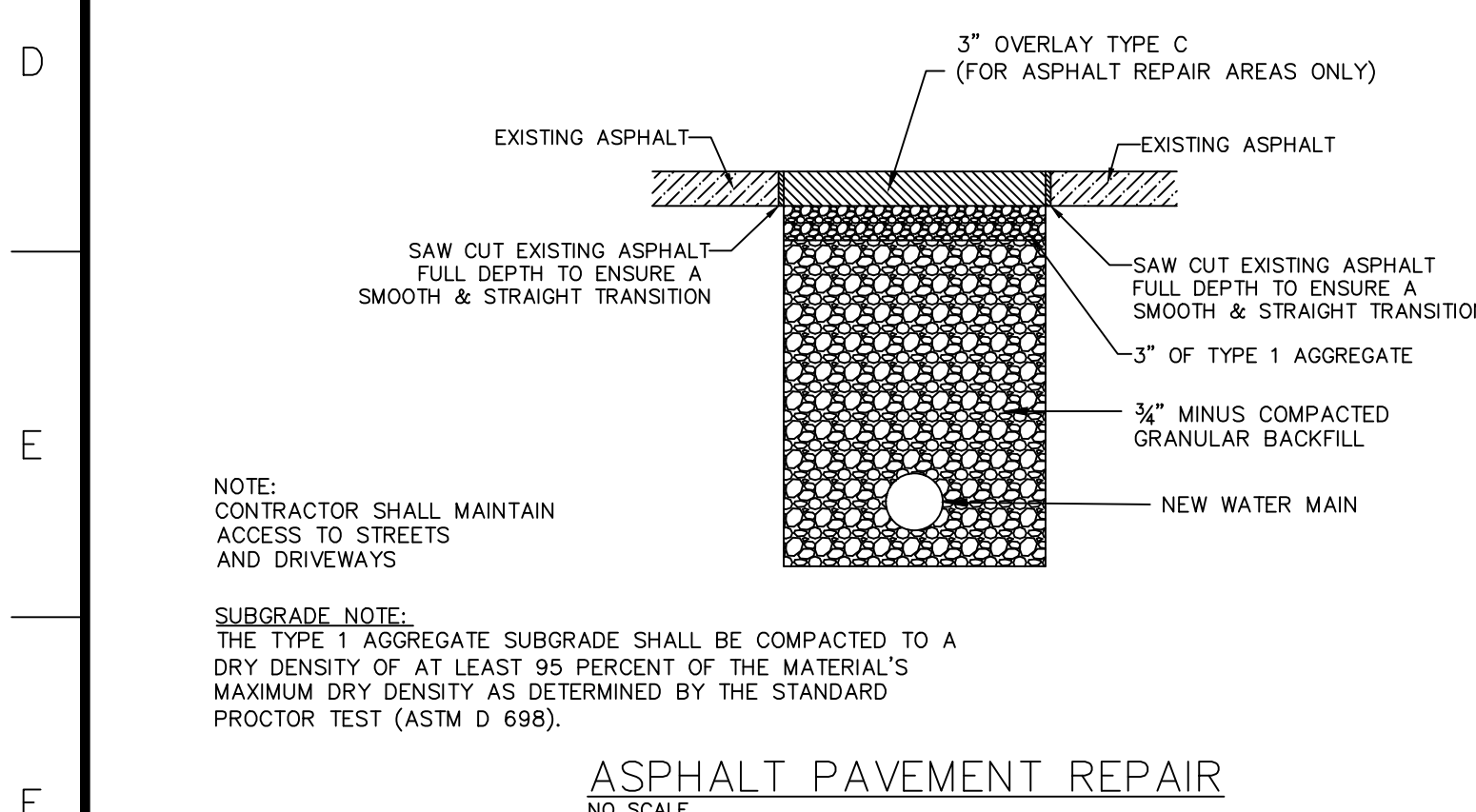
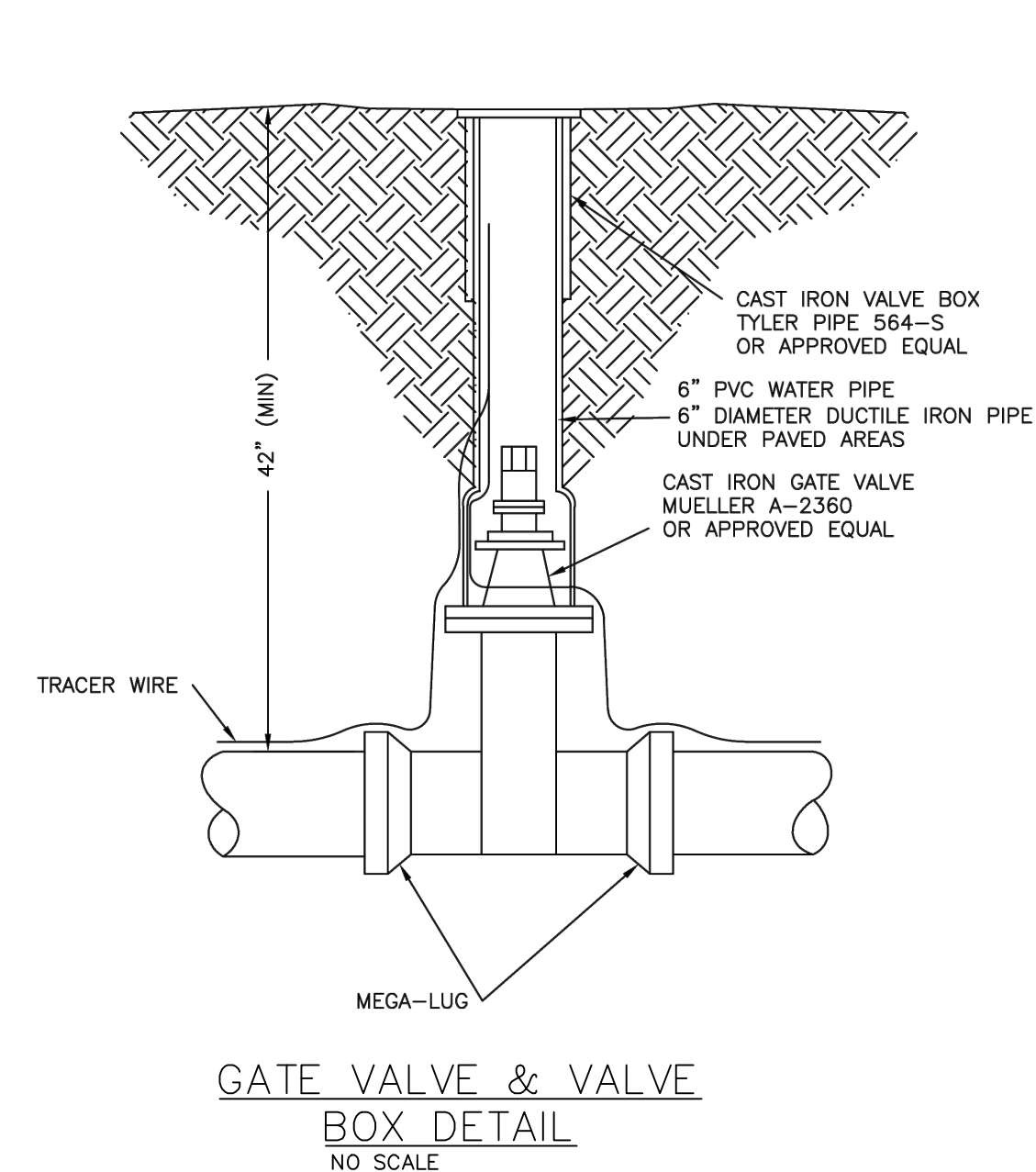
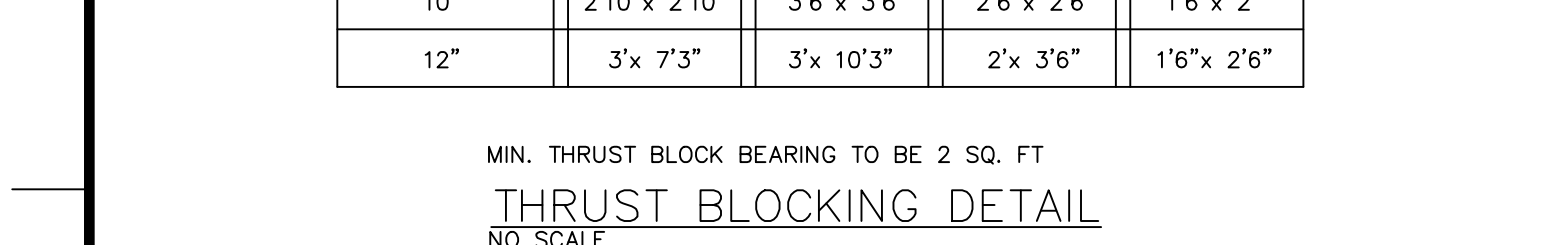
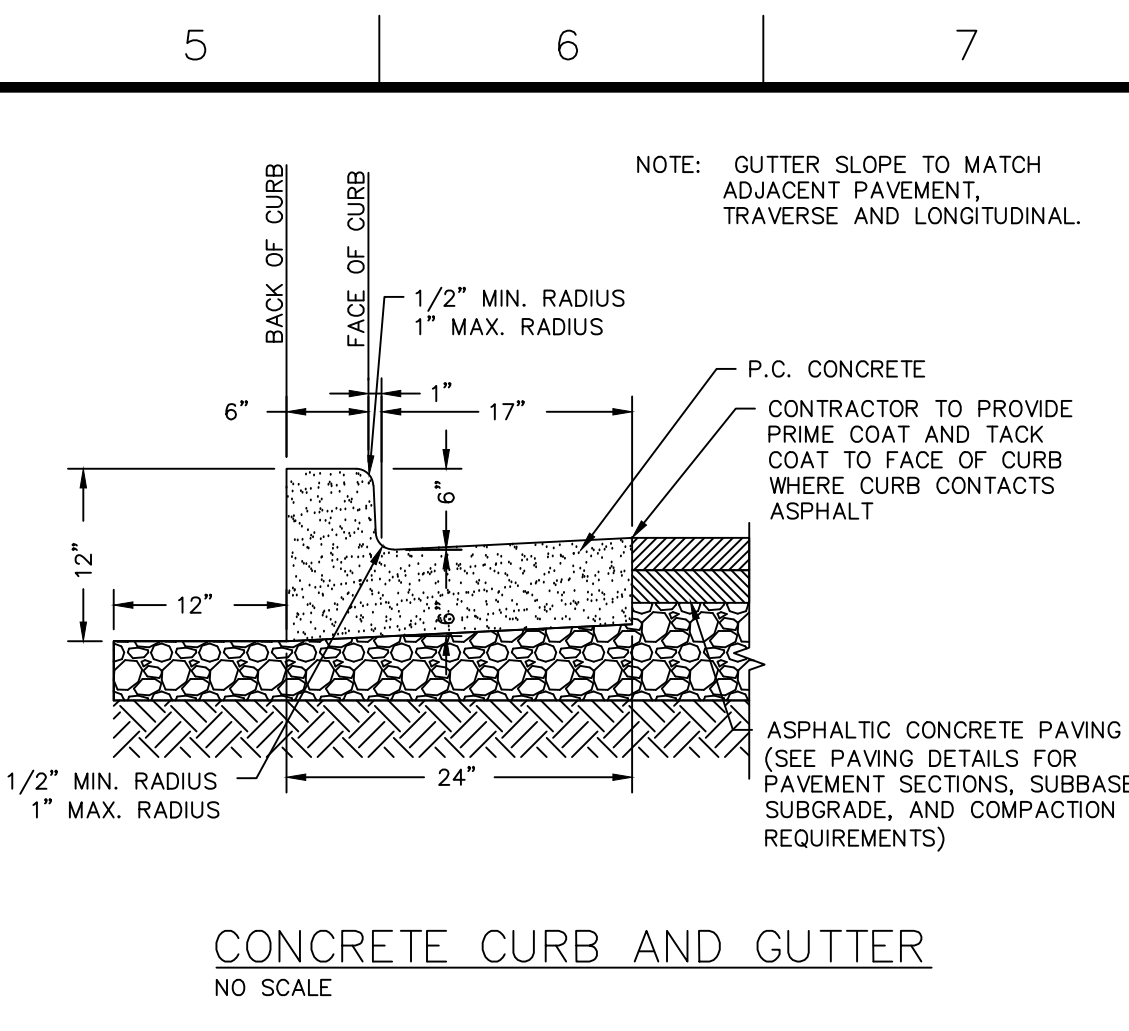
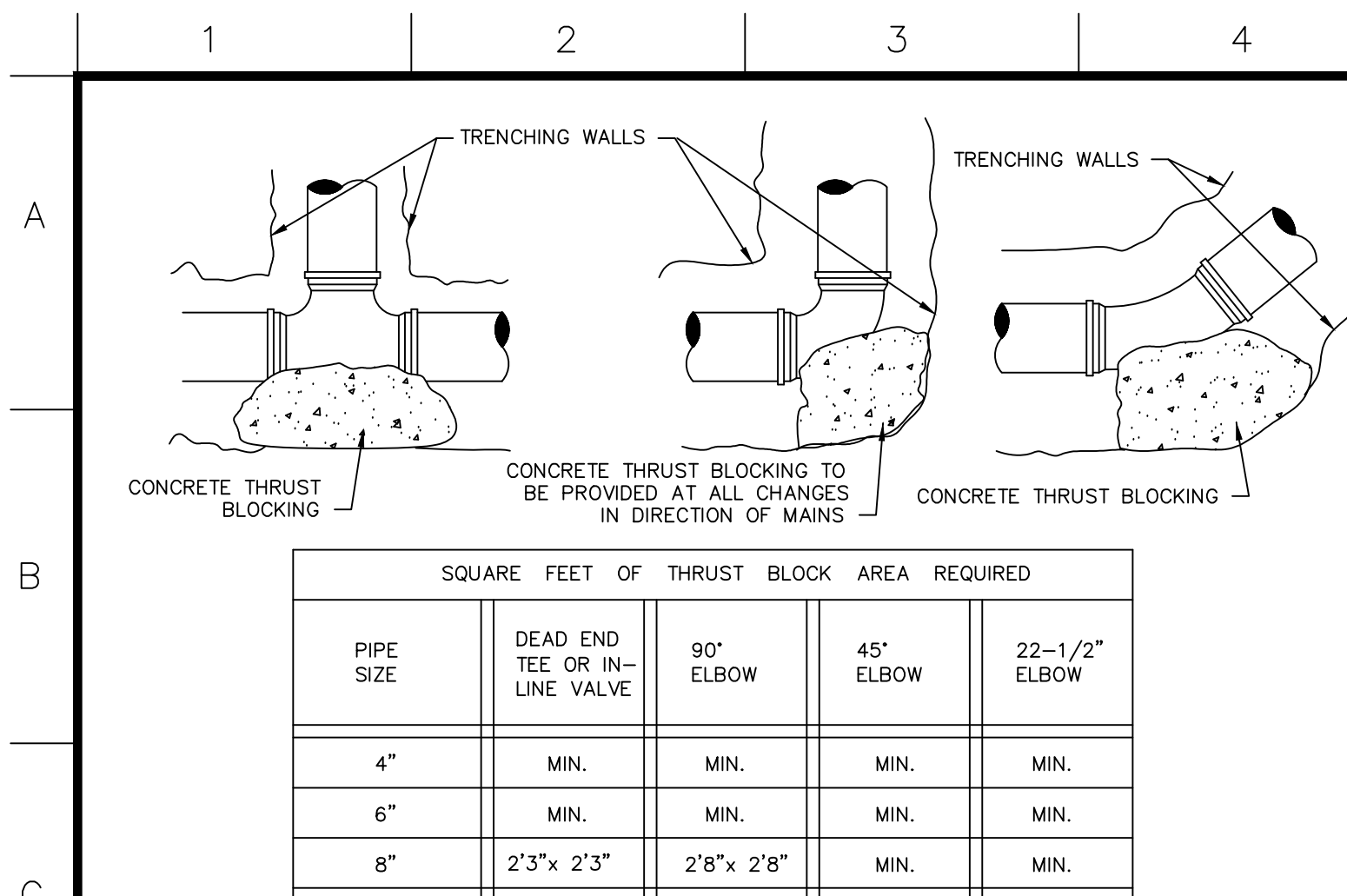




**NOTE:**  
CONTRACTOR TO REMOVE EXISTING FIRE HYDRANTS  
AND RETURN TO THE CITY AT THEIR  
CONVENIENCE.

C7





*OUT TO BID*

FOR BIDDING PURPOSES ONLY  
NOT TO BE USED FOR CONSTRUCTION

GATE VALVES SHALL HAVE A CARSONITE GLASS FIBER UTILITY STAKE WITH THE WORDS "WATER VALVE." THE UTILITY STAKE SHALL BE "WHITE" IN COLOR WITH "BLUE" LETTERING

**NOTE:**  
CONTRACTOR SHALL VERIFY LOCATION,  
SIZE, AND TYPE OF EXISTING WATER  
MAIN PRIOR TO ORDERING MATERIALS.

NOTE:  
EXISTING WATER MAIN SHALL BE PHYSICALLY  
DISCONNECTED FROM THE SYSTEM AFTER NEW  
MAIN IS PLACED INTO SERVICE.



