



MEMORANDUM

170 W. Drexel Avenue
Oak Creek, WI 53154

Telephone (414) 570-8200
Facsimile (414) 570-8215

DATE: **February 28th, 2014**
TO: **Plan Holders**
FROM: **Ronald J. Pritzlaff, Utility Engineer**
RE: **Addendum No. 3**

The Utility has issued Addendum No. 3 to our South Howell Avenue Hydrant Relocation project. You can download a copy of the addendum from our web site at:

<http://www.water.oak-creek.wi.us> In the "Public Contracts" section.

The purpose of the addendum is to:

- Replace Schedule One of the Bid Proposal in its entirety.
- Replace Section XVI – PROPOSAL ITEMS in its entirety.
- Replace Plan Sheets 3, 4, 5, and 6 in their entirety

Schedule One

Item No.	Item Description	Bid Quantity	Units	Unit Price	Total Price
1	Hydrant Relocation – Contractor Supplied New Hydrant Unit price per Each dollars & cents .	4	EA		
2	Hydrant Relocation – Reuse Existing Hydrant Unit price per Each dollars & cents .	3	EA		
3	Hydrant Alteration – Contractor Supplied New Hydrant Unit price per Each dollars & cents .	4	EA		
4	Hydrant Alteration – Reuse Existing Hydrant Unit price per Each dollars & cents .	5	EA		
5	Hydrant Removal Unit price per Each dollars & cents .	2	EA		
6	Provide and Install Hydrant Grade Extensions Unit price per vertical foot dollars & cents .	20	VF		

Item No.	Item Description	Bid Quantity	Units	Unit Price	Total Price
7	Salvage and Delivery of Existing Hydrants Unit price per lump sum _____ dollars & _____ cents .	1	LS		
8	Erosion Control Unit price per Lump Sum _____ dollars & _____ cents .	1	LS		
9	Traffic Control Unit price per lump sum _____ dollars & _____ cents .	1	LS		

BASE BID TOTAL ITEMS 1 - 9 INCLUSIVE \$ _____

XVI. PROPOSAL ITEMS

Special note to the bidder and successful contractor

Contractor will be allowed to work only while there is an Inspector at the site at any or all times and the Contractor must notify the Utility Engineer prior to commencing with any of the work specified for this project (i.e., excavation, shoring, sheathing, bedding, laying pipe, backfilling, clean-up, etc.) An Inspector will be provided to the Contractor by the Utility at no cost to the Contractor, except that inspection time shall be charged to the Contractor in addition to the specified liquidated damages after he has exceeded his time of completion (see Instructions to Bidders). If the Contractor requests to work on Sundays or declared Utility holidays, an Inspector will be provided but the Contractor must pay for the Inspector's wages for such work. A list of official holidays can be obtained from the City of Oak Creek Engineering Department.

The bid price for each bid item shall include the furnishings of all materials, tools, labor, etc. It shall include saw cutting pavement full depth, execution disposition of surplus material, pipe laying, backfilling, sheeting, shoring, tunneling, auguring, dewatering, furnishing and installing of fittings, connecting to existing water mains disturbed or damaged by the Contractor's operation and clean-up, all as specified. Traffic control, surface restoration and any other incidental items necessary shall be incorporated into the various bid items. The item numbers referred to below correspond to the item number in the proposal. Contractor shall refer to the items below for details of the work included.

Item 1: Hydrant Relocation – Contractor Supplied New Hydrant

The unit bid and contract price for this item shall include all equipment, materials, and labor necessary for hydrant relocation work (contractor supplied new hydrant), complete in place and ready to use. This item shall include but not be limited to:

- excavate and remove existing hydrant, valve and pipe
- provide and install permanent plugs, caps and buttresses
- provide and install 6'6" hydrants
- provide and install galvanic anode corrosion protection
- provide and install 6-inch PVC, C900, Class 200, DR-14 restrained hydrant lead
- provide and install tapping sleeve and 6-inch valve
- provide and install triple wrap 6-mil plastic wrapping
- backfill and compaction
- Type C salt tolerant lawn restoration in accordance with the Standard Specifications Section 2.7.4
- cleanup
- insulation as required
- fittings needed to install per plan

This item shall be paid based on the contract unit price for each as documented by the Inspector.

Item 2: Hydrant Relocation – Reuse Existing Hydrant

The unit bid and contract price for this item shall include all equipment, materials, and labor necessary for hydrant relocation work (reuse existing hydrant), complete in place and ready to use. This item shall include

but not be limited to:

- excavate and remove existing hydrant, valve and pipe
- provide and install permanent plugs, caps and buttresses
- reuse the existing hydrant and relocate as per the plans
- provide and install galvanic anode corrosion protection
- provide and install 6-inch PVC, C900, Class 200, DR-14 restrained hydrant lead
- provide and install tapping sleeve and 6-inch valve
- provide and install triple wrap 6-mil plastic wrapping
- backfill and compaction
- Type C salt tolerant lawn restoration in accordance with the Standard Specifications Section 2.7.4
- cleanup
- insulation as required
- fittings needed to install per plan

This item shall be paid based on the contract unit price for each as documented by the Inspector.

Item 3: Hydrant Alterations – Contractor Supplied New Hydrant

The unit bid and contract price for this item shall include all equipment, materials, and labor necessary for hydrant alteration work (contractor supplied new hydrant), complete in place and ready to use. This item shall include but not be limited to:

- excavate and remove existing hydrant and pipe
- provide and install 6' 6" hydrants
- provide and install 6-inch PVC, C900, Class 200 DR-14 restrained hydrant lead
- provide restraint for existing auxiliary valve as needed
- provide and install galvanic anode corrosion protection
- provide and install triple wrap 6-mil plastic wrapping
- backfill and compaction
- Type C salt tolerant lawn restoration in accordance with the Standard Specifications Section 2.7.4
- cleanup
- insulation as required
- fittings needed to install per plan

This item shall be paid based on the contract unit price for each as documented by the Inspector.

Item 4: Hydrant Alterations – Reuse Existing Hydrant

The unit bid and contract price for this item shall include all equipment, materials, and labor necessary for hydrant alteration work (reuse existing hydrant), complete in place and ready to use. This item shall include but not be limited to:

- excavate and remove existing hydrant and pipe
- reuse the existing hydrant at the designated location on the plans
- provide and install 6-inch PVC, C900, Class 200 DR-14 restrained hydrant lead

- provide restraint for existing auxiliary valve as needed
- provide and install galvanic anode corrosion protection
- provide and install triple wrap 6-mil plastic wrapping
- backfill and compaction
- Type C salt tolerant lawn restoration in accordance with the Standard Specifications Section 2.7.4
- cleanup
- insulation as required
- fittings needed to install per plan

This item shall be paid based on the contract unit price for each as documented by the Inspector.

Item 5: Hydrant Removal

The unit bid and contract price for this item shall include all equipment, materials, and labor necessary for hydrant removal work, complete in place and ready to use. This item shall include but not be limited to:

- excavate and remove existing hydrant, valve and pipe
- provide and install permanent plugs, caps and buttresses
- provide restoration as indicated on Drawings
- provide and install galvanic anode corrosion protection
- provide triple wrap and install 6-mil plastic wrapping

This item shall be paid based on the contract unit price for each as documented by the Inspector.

Item 6: Provide and Install Hydrant Grade Extensions

The unit bid and contract price for this item shall include all equipment, materials, and labor necessary for providing and installing hydrant grade extensions, complete in place and ready to use. This item shall include but not be limited to:

- providing and installing hydrant grade extensions as needed
- provide triple wrap 6-mil plastic wrapping
- backfill and compaction
- Type C salt tolerant lawn restoration in accordance with the Standard Specifications Section 2.7.4
- cleanup

This item shall be paid based on the contract unit price per vertical foot as documented by the Inspector.

Item 7: Salvage and Delivery of Existing Hydrants

The unit bid and contract price for this item shall include all equipment, materials, and labor necessary to Salvage and Deliver Existing Hydrants to Owner's storage yard. This item shall include but not be limited to:

- remove and salvage existing hydrants and valves within project limits
- Type C salt tolerant lawn restoration in accordance with the Standard Specifications Section 2.7.4
- deliver hydrants and valves to Owner's storage yard

This item shall be paid based on the contract unit price for the lump sum as documented by the Inspector.

Item 8: Erosion Control

The unit bid and contract price for this item shall include all equipment, materials, and labor necessary to install Erosion Control items complete in place and ready to use. This item shall include but not be limited to:

- furnishing, hauling, and placement of erosion control materials and stormwater management materials
- all incidental work related to erosion control and stormwater management required by local, state, and federal ordinances, statutes, permits, and regulations
- maintaining and removal of all temporary erosion control devices

This item shall be paid based on the contract unit price for the lump sum as documented by the Inspector.

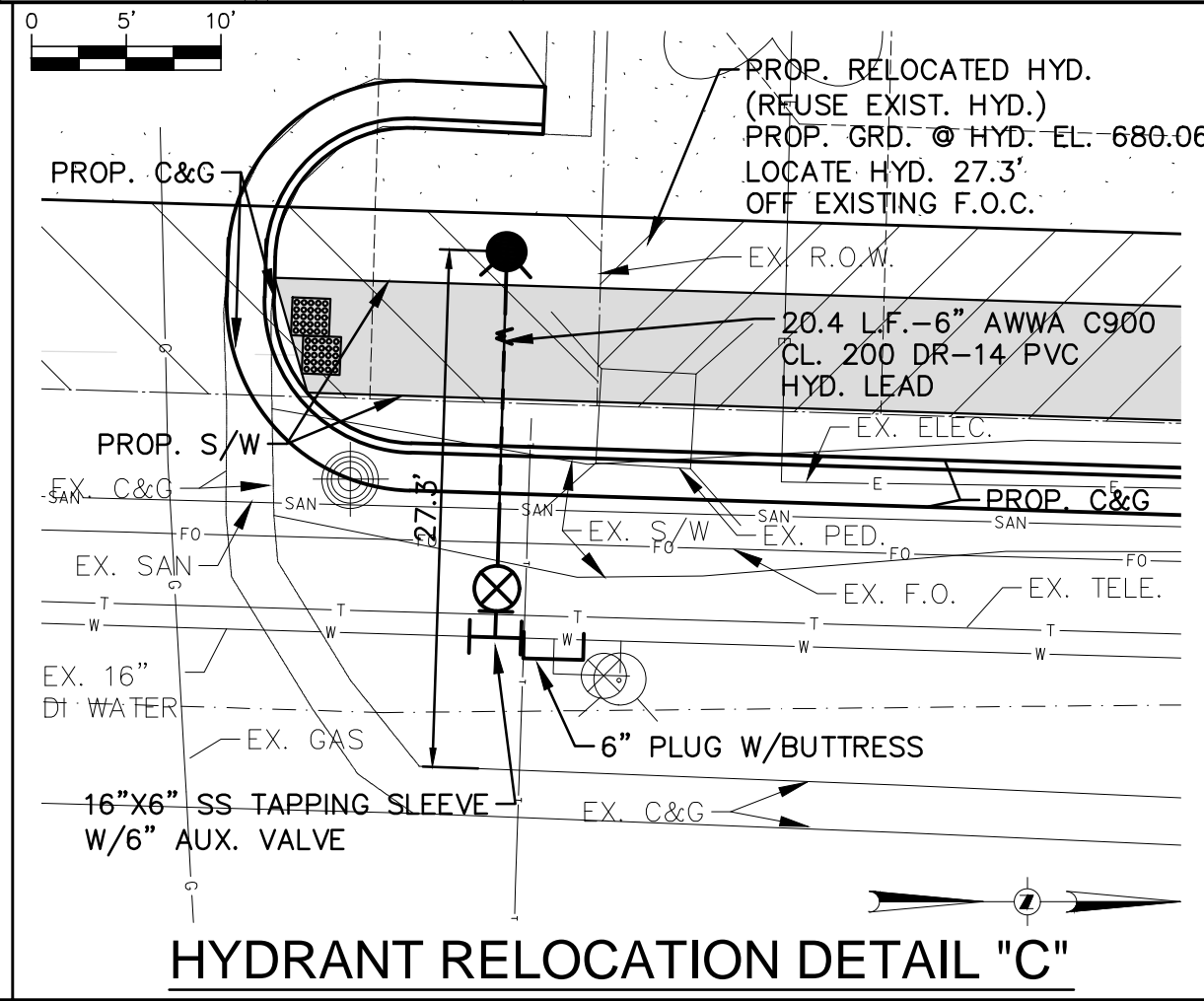
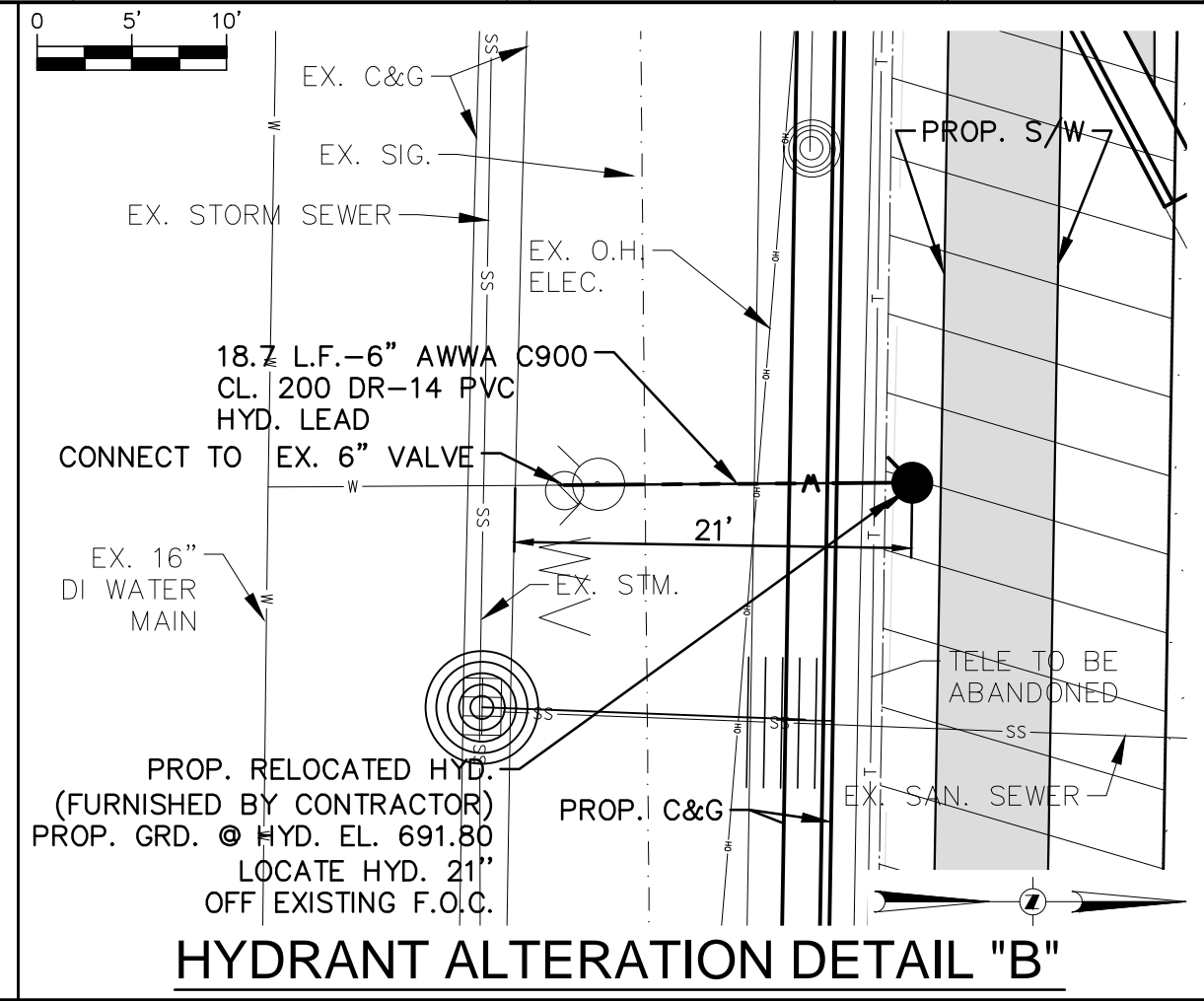
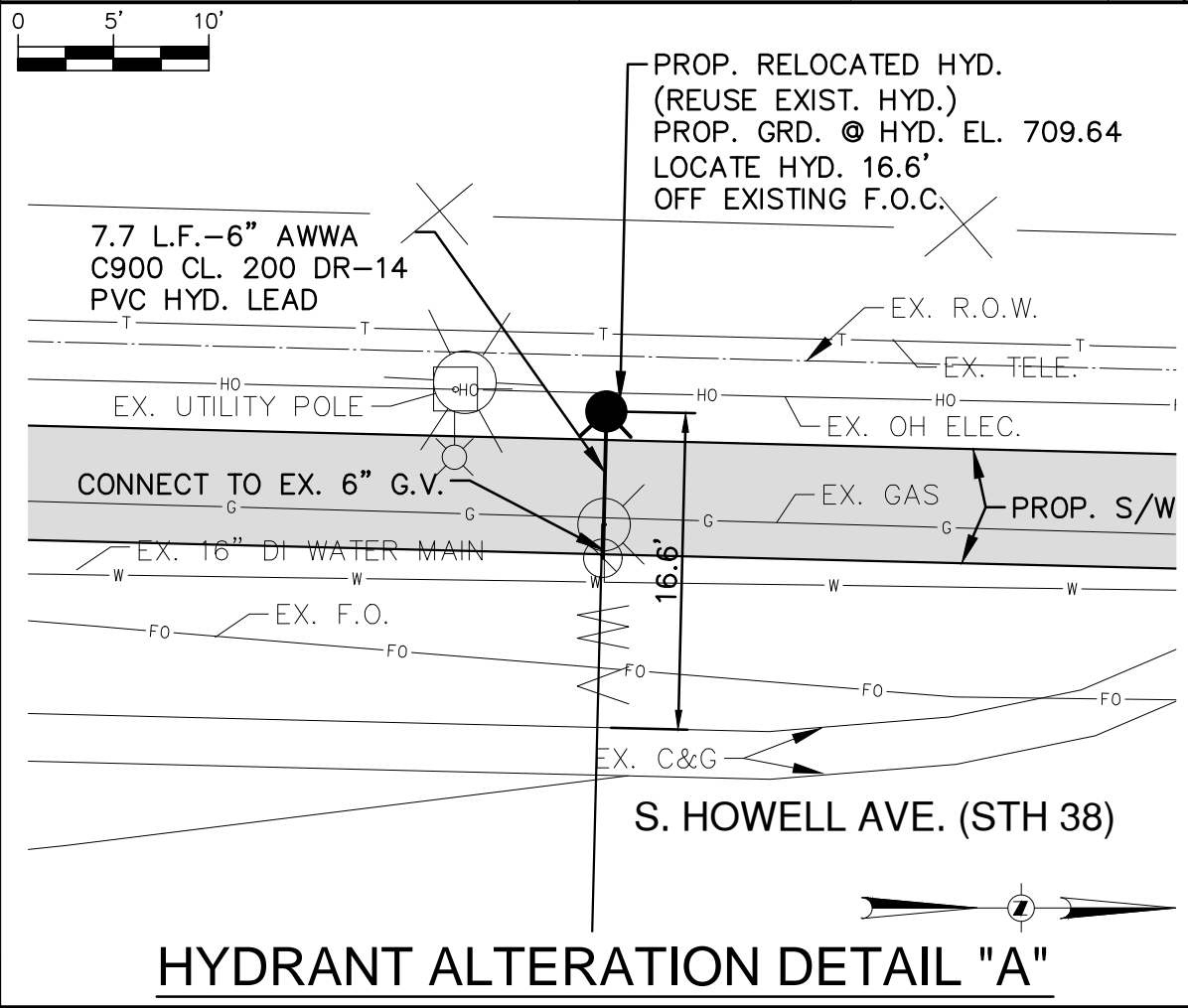
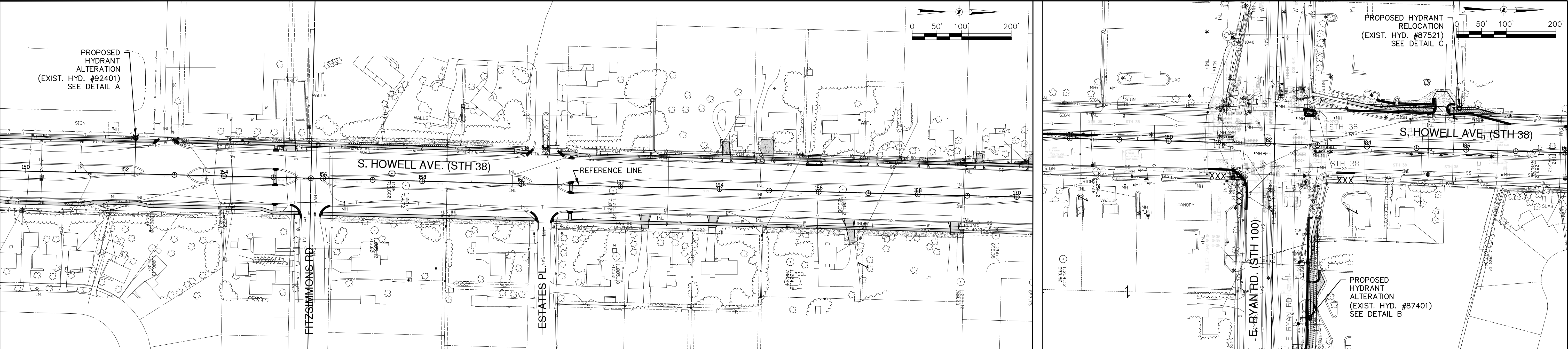
Item 9: Traffic Control

The unit bid and contract price for this item shall include all equipment, materials, and labor necessary to install project traffic control. This item shall include but not be limited to:

- compensation for the cost of establishing and removing traffic control, constructing, assembling, painting, hauling, erecting, re-erecting, maintaining, and removing traffic signs, drums, barricades, and similar control devices, including arrow boards; for furnishing, placing, and maintaining lights and signals, including fuel or power therefore; for supplying and performing all flagging and guidance services and signs associated with such flagging and guidance.
- daily checks and maintenance
- adherence to the Manual on Uniform Traffic Control Devices (MUTCD), Latest Edition

This item shall be paid based on the contract unit price for the lump sum as documented by the Inspector.

Revised Plan Sheets 3,4,5, and 6



LEGEND

- X -STRUCTURE REMOVAL
- PROPOSED WATER MAIN
- PROPOSED HYDRANT
- PROPOSED PLUG
- ⊗ PROPOSED GATE VALVE
- EXISTING HYDRANT
- ⊗ EXISTING GATE VALVE

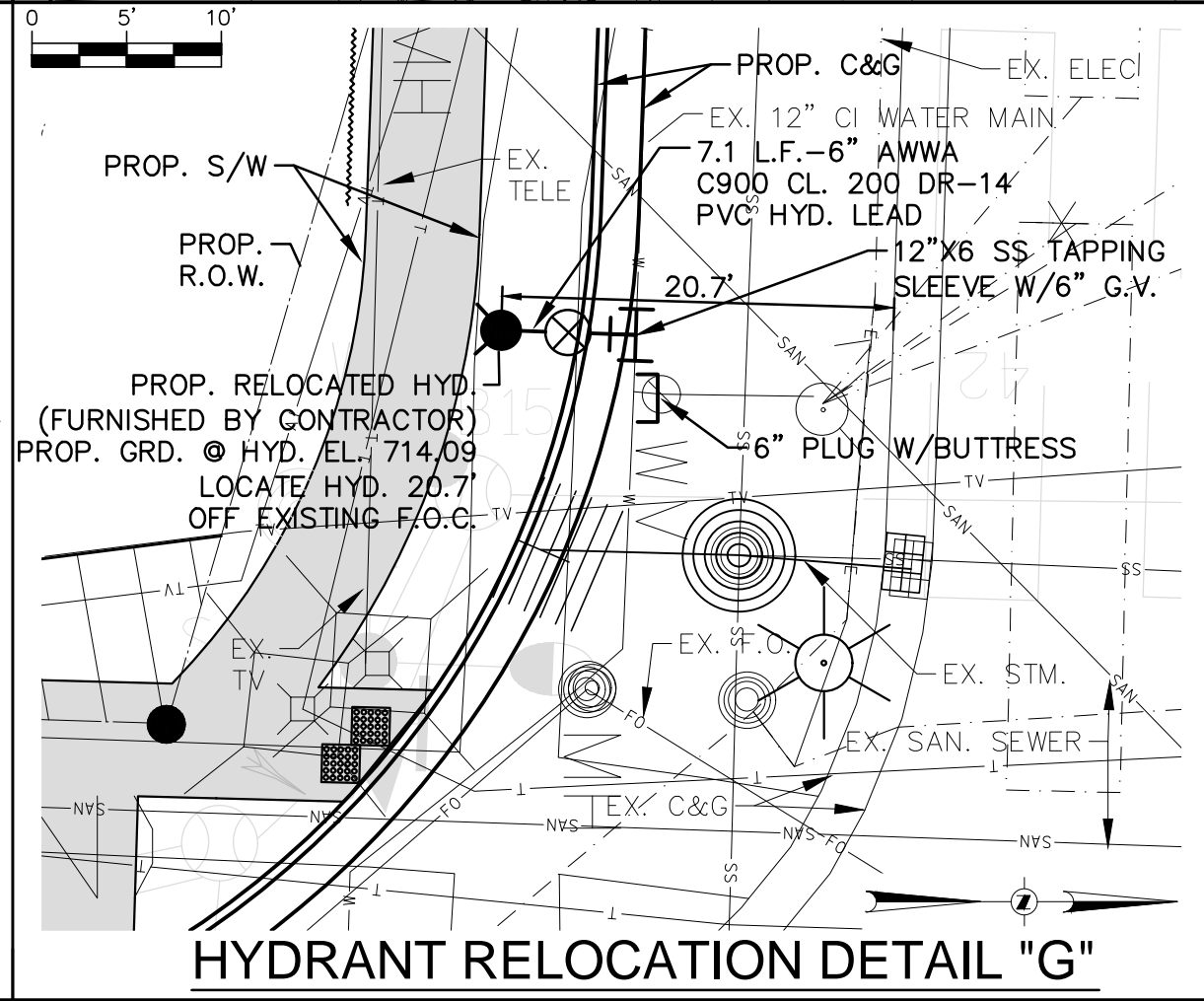
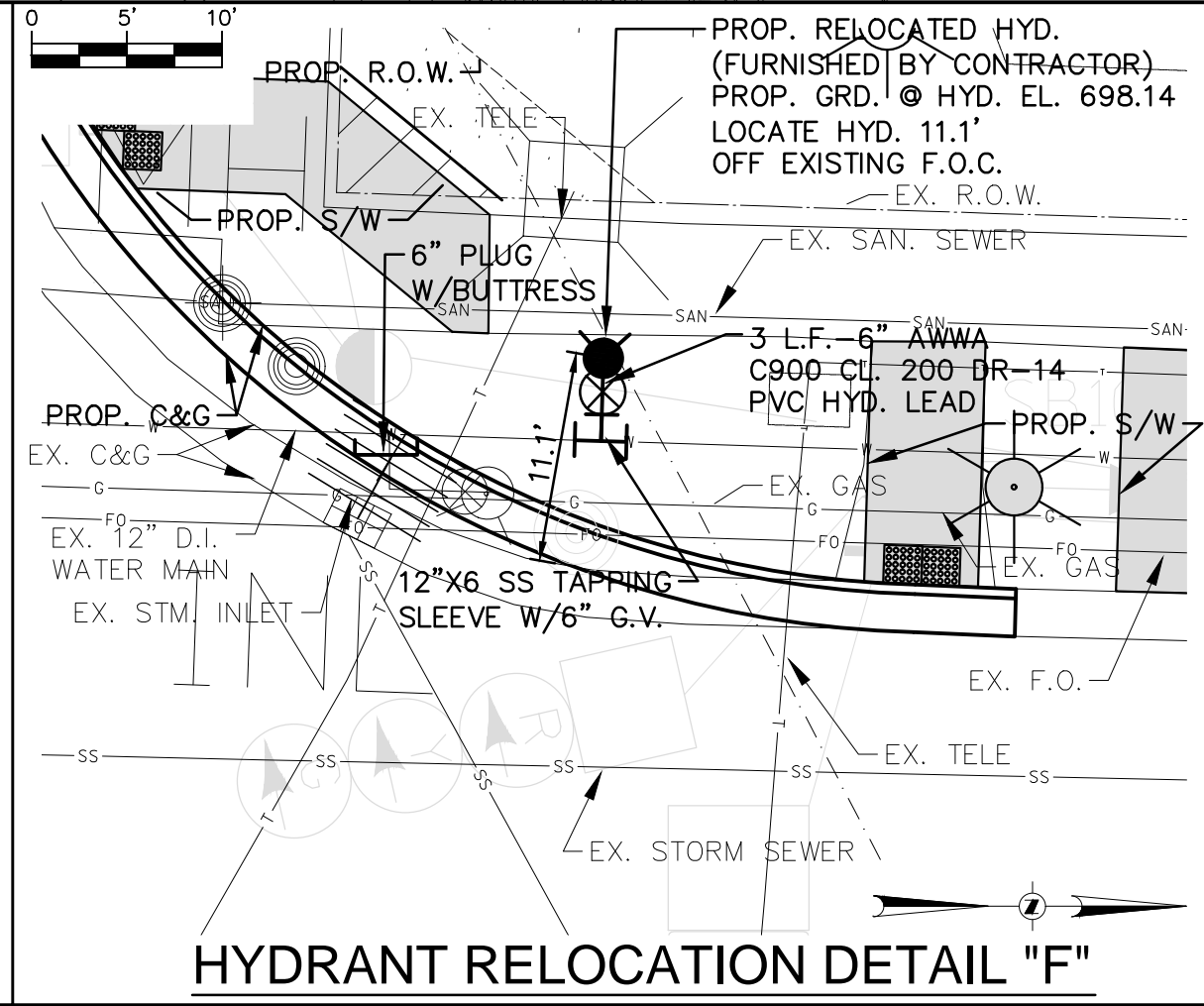
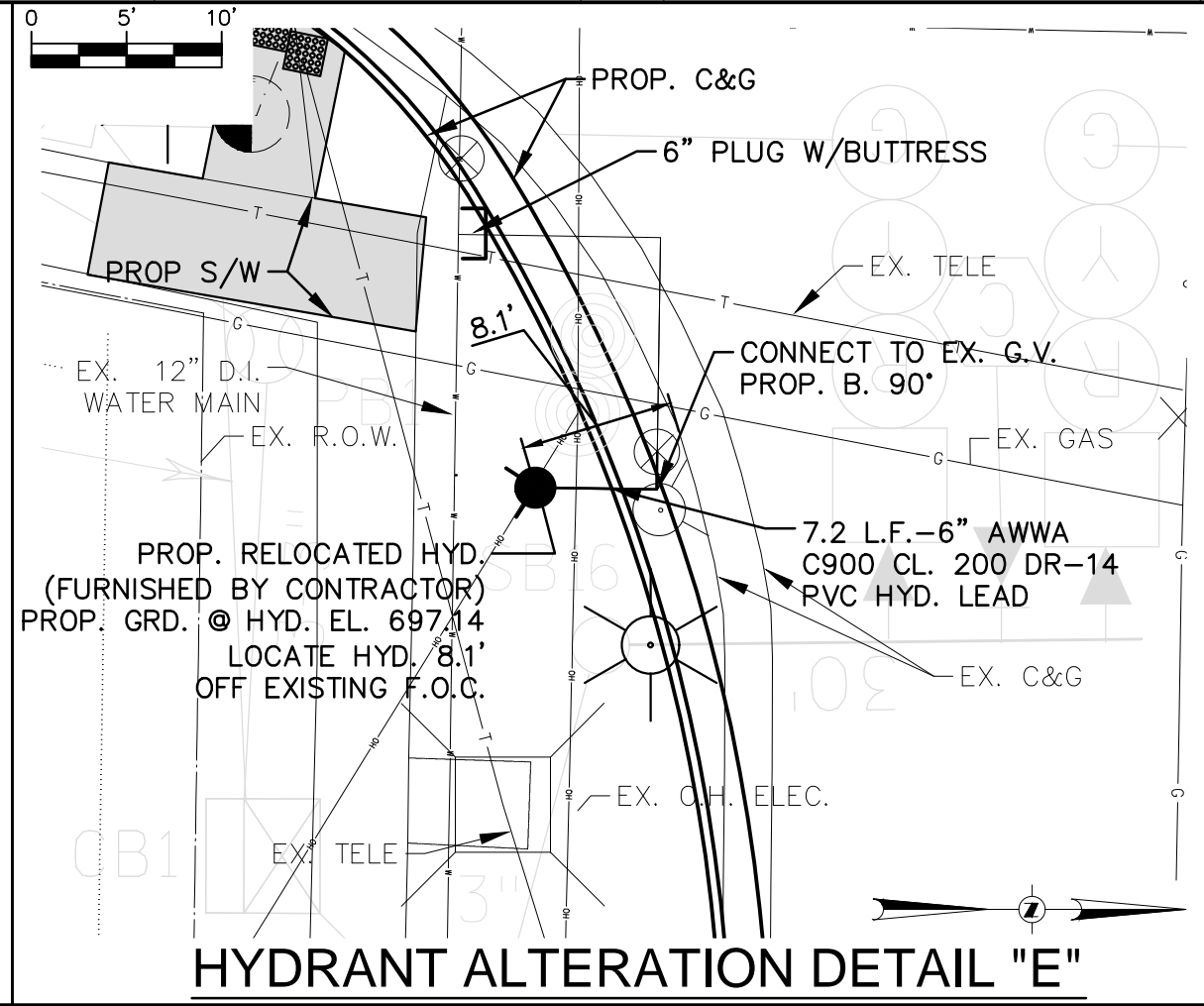
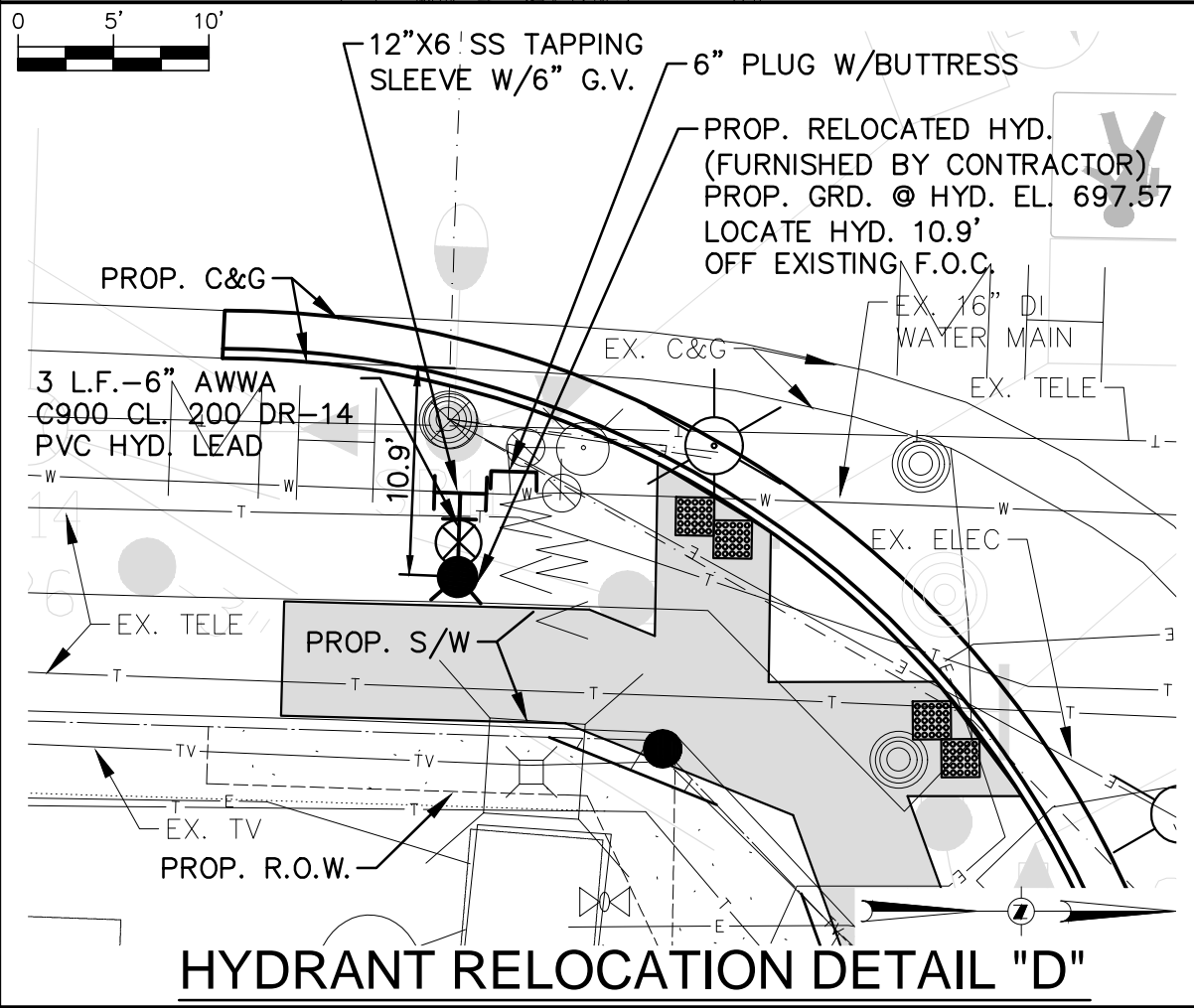
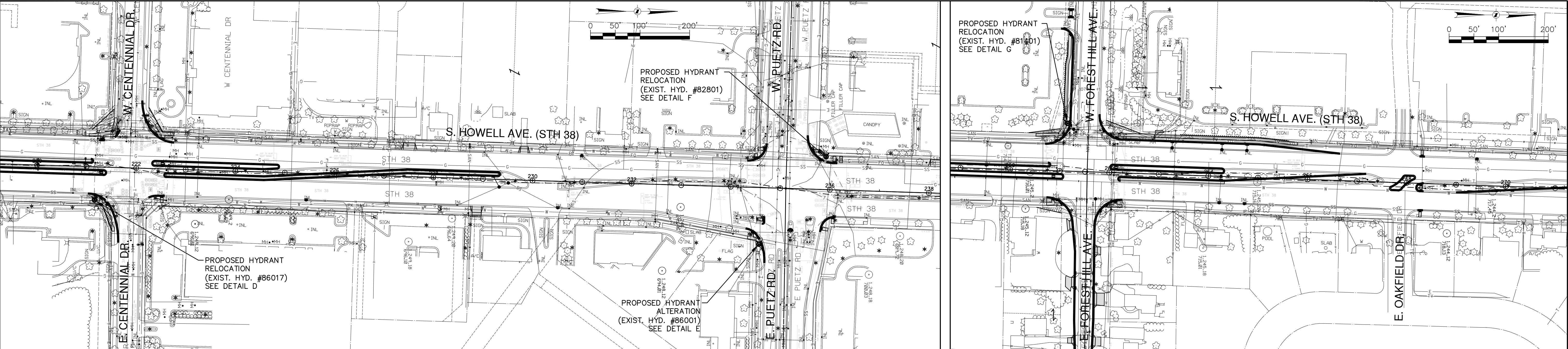
NOTICE:
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

DISCLAIMER:
The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.

GRAEF
One Honey Creek Corporate Center
125 South 84th Street, Suite 401
Milwaukee, WI 53214-1469
414 / 259 1500
414 / 259 0037 fax
www.graef-usa.com

BID ITEM NOS.		ESTIMATE OF QUANTITIES		WATER MAIN		SA.FKO	
				CONTRACTOR:		ST.FKO	
2		Hydrant Relocation, Reuse Existing Hydrant	1 EA.	MAINLINE INSPECTED BY:		W. FKO	
3		Hydrant Alteration, Contractor Supplied New Hydrant	1 EA.	LATERALS INSPECTED BY:		G. FKO	
4		Hydrant Alteration, Reuse Existing Hydrant	1 EA.	DATE COMPLETED:		E. FKO	
				TYPE OF PIPE, ASTM NO.		T. FKO	
				TYPE OF PIPE, ASTM NO.		I. FKO	
				AS-BUILTS BY:		TS.FKO	
				DATE:		PP.	
				This is to certify that this plan was approved by the Water Works and Sewer Utility Commission of Oak Creek at a regular meeting.			
				Utility Engineer		Date	
						REVISION BY	
						DATE	

CITY OF OAK CREEK, WISCONSIN				APPROVED BY	
DESIGNED BY				UTILITY ENGINEER	DATE
AS				APPROVED BY	
S. HOWELL AVE. PROPOSED HYDRANT RELOCATION				CITY ENGINEER	DATE
IN: S. HOWELL AVE.				SCALE	SHEET
FR: 600 FT. SOUTH OF E. FITZSIMMONS RD.				KEY PLAN	03
TO: E. RYAN RD. (STH. 100)				DETAIL PLAN	OF
				HOR. 1"=10'	12

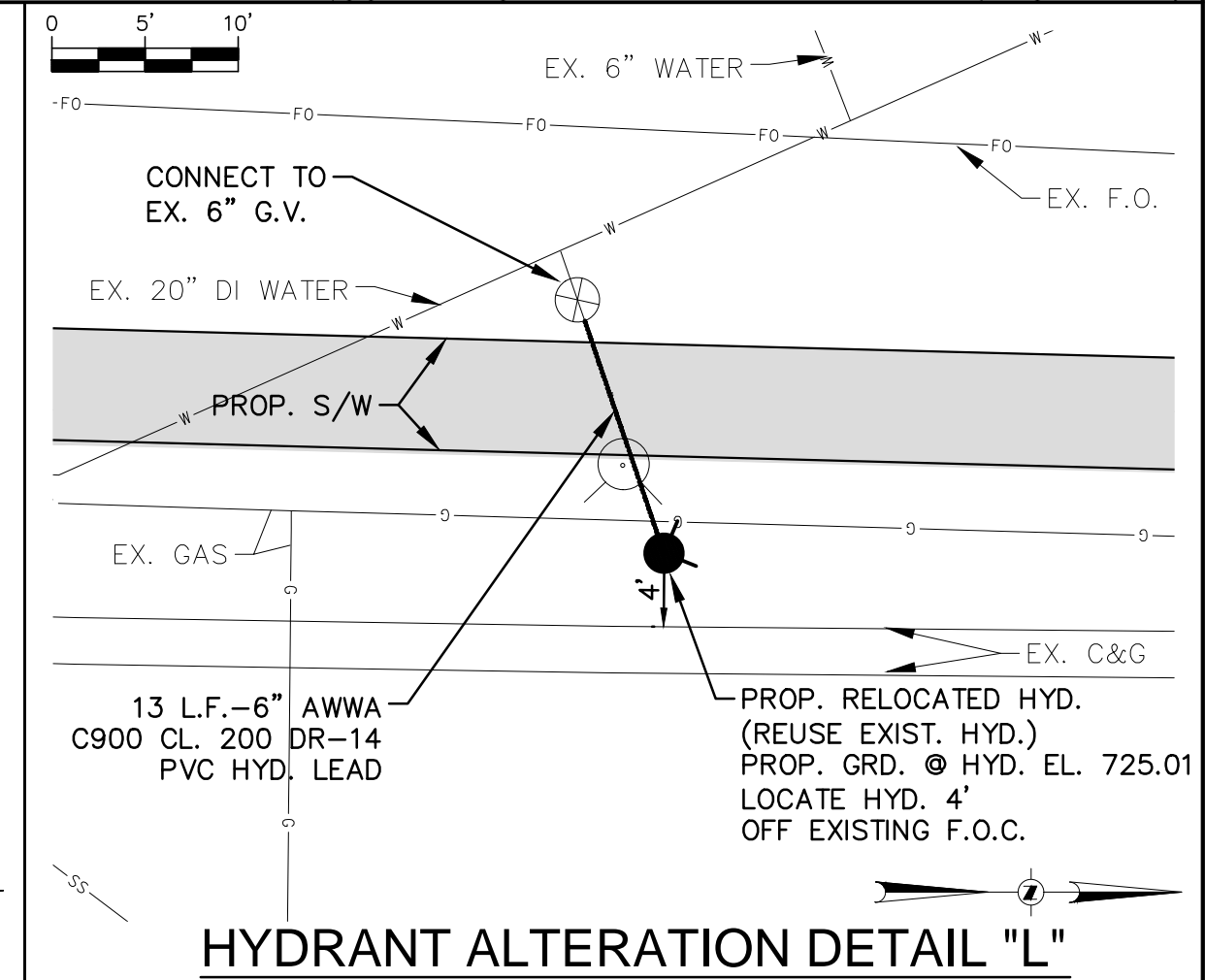
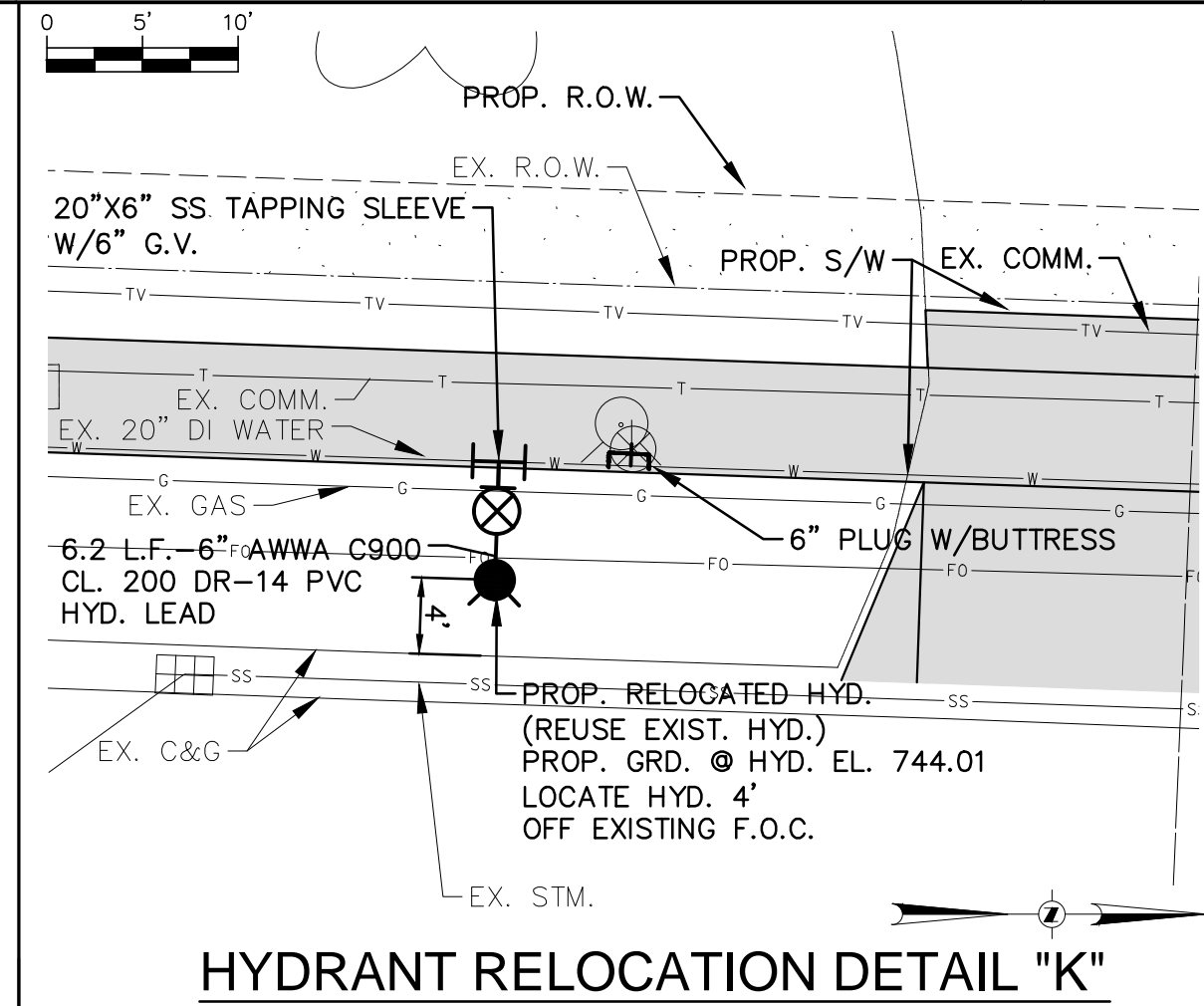
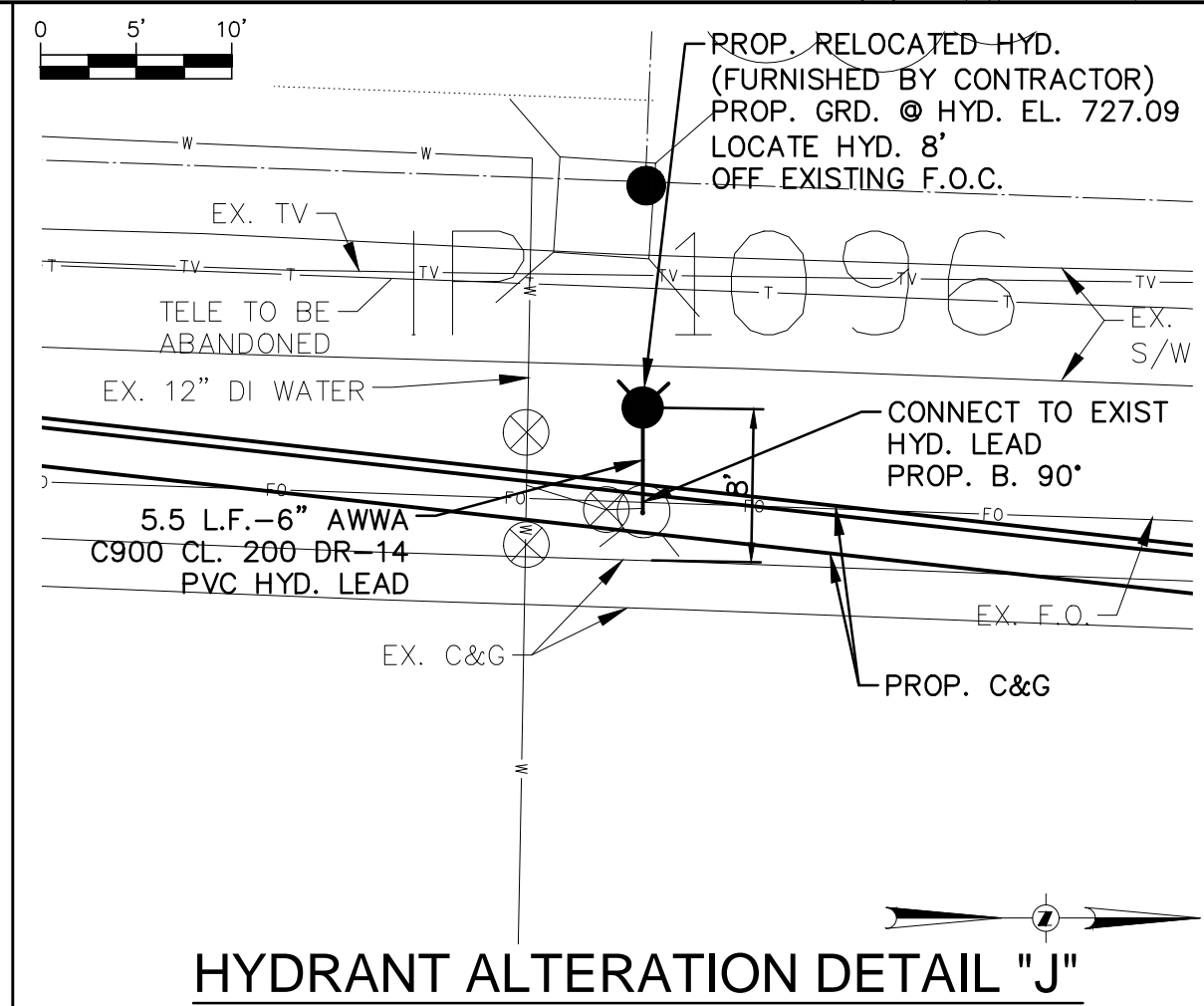
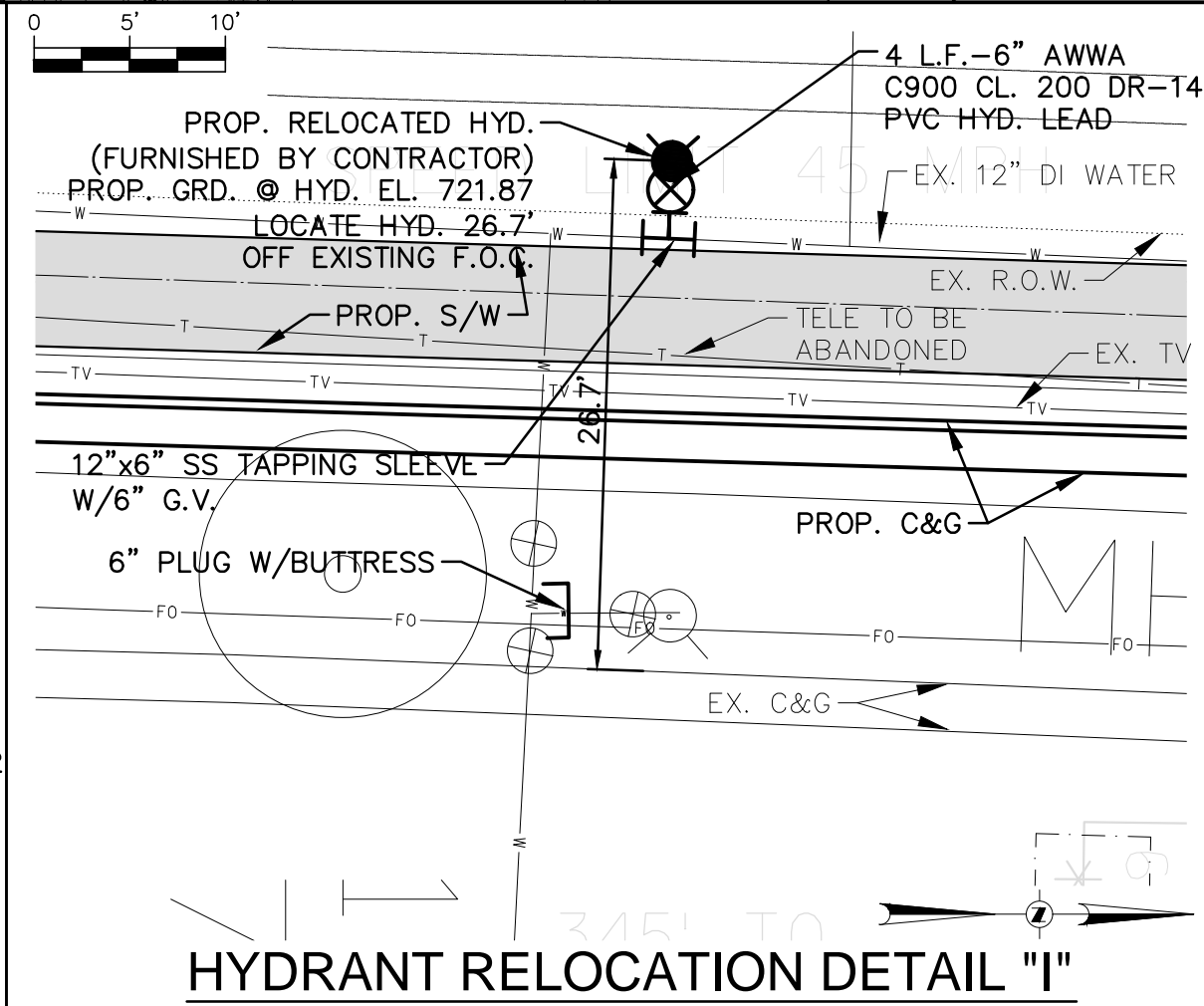
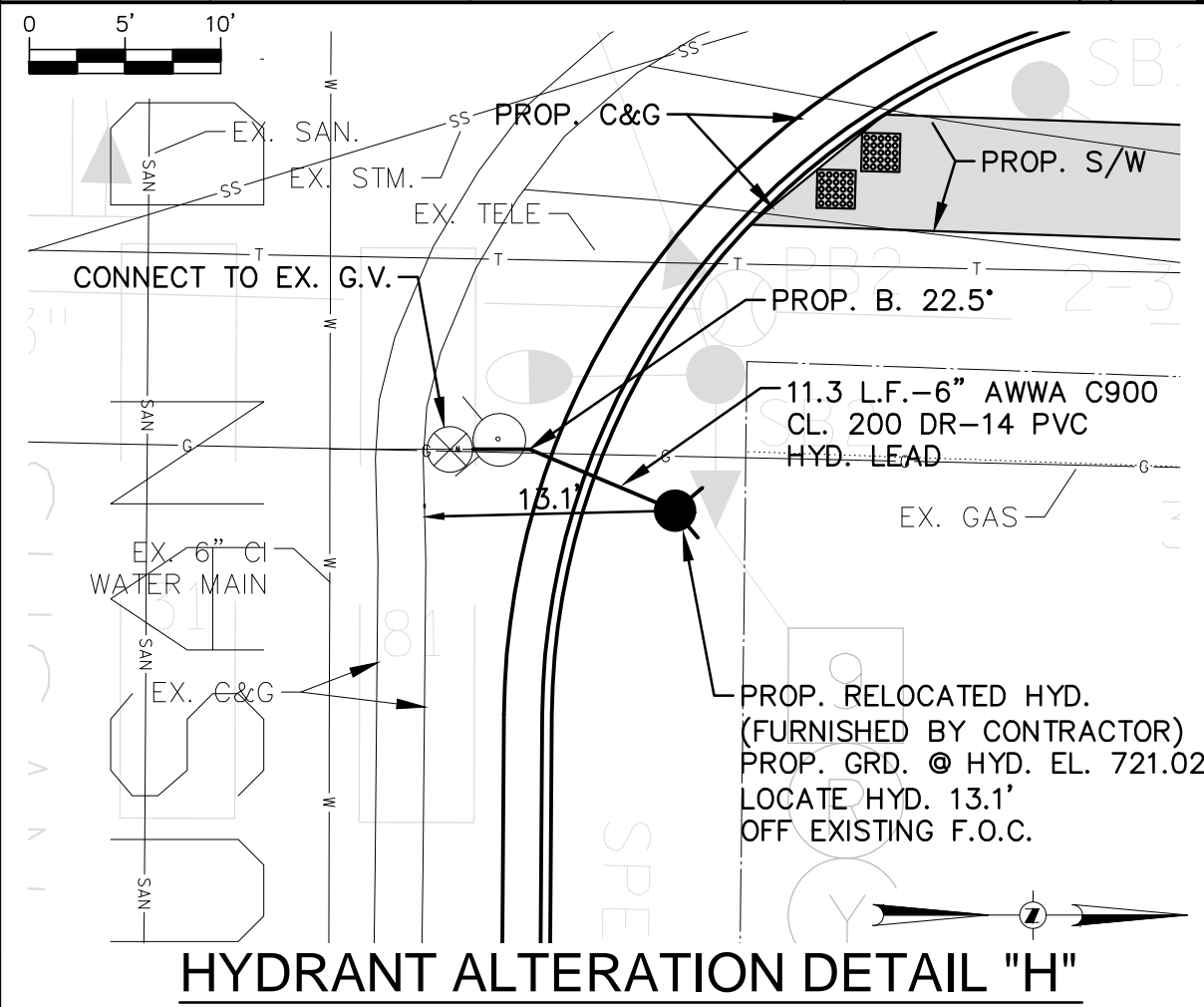
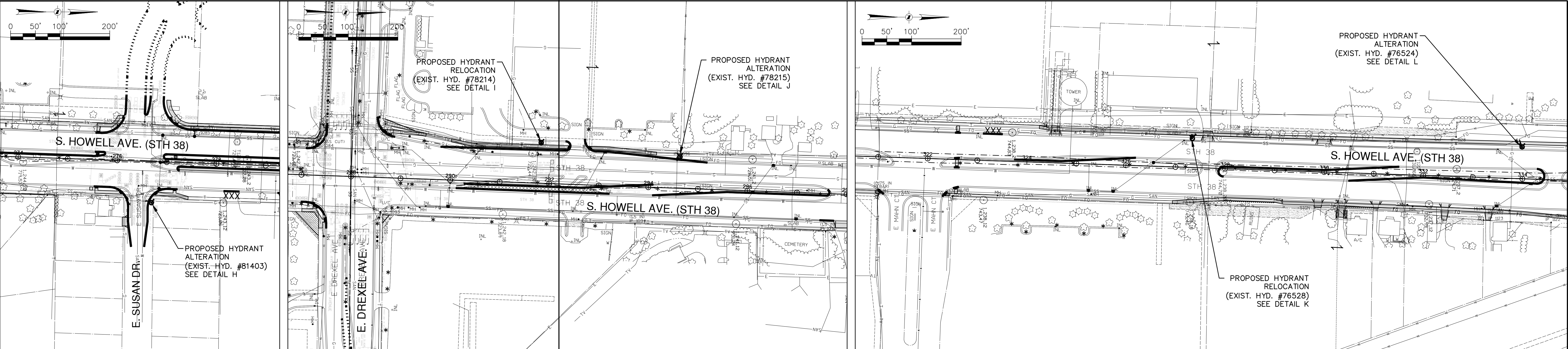


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				CONTRACTOR:		ST.FKO						UTILITY ENGINEER		DATE				
1	Hydrant Relocation, Contractor Supplied New Hydrant		3 EA.	MAINLINE INSPECTED BY:		W. FKO		DESIGNED BY		DATE	DRAWN BY		DATE	CHECKED BY		DATE	APPROVED BY	
3	Hydrant Alteration, Contractor Supplied New Hydrant		1 EA.	LATERALS INSPECTED BY:		G. FKO		AS		2-13-14	FKO		2-13-14	MNP		2-13-14		
				DATE COMPLETED:		E. FKO		S. HOWELL AVE. PROPOSED HYDRANT RELOCATION IN: S. HOWELL AVE. FR: E. CENTENNIAL DR. TO: E. OAKFIELD DR.				CITY ENGINEER		DATE				
				TYPE OF PIPE, ASTM NO.		T. FKO						SCALE		SHEET				
				TYPE OF PIPE, ASTM NO.		I. FKO						KEY PLAN		HOR. 1"=100'		04		
				AS-BUILTS BY:		TS.FKO						DETAIL PLAN		HOR. 1"=10'		OF		
				DATE:		PP.										12		
				This is to certify that this plan was approved by the Water Works and Sewer Utility Commission of Oak Creek at a regular meeting.														
				Utility Engineer		Date												
								REVISION BY		DATE						FILE NO: 14103-4C-2224		



LEGEND

- X -STRUCTURE REMOVAL
- - - - -PROPOSED WATER MAIN
- -PROPOSED HYDRANT
- -PROPOSED PLUG
- ⊗ -PROPOSED GATE VALVE
- -EXISTING HYDRANT
- ⊗ -EXISTING GATE VALVE

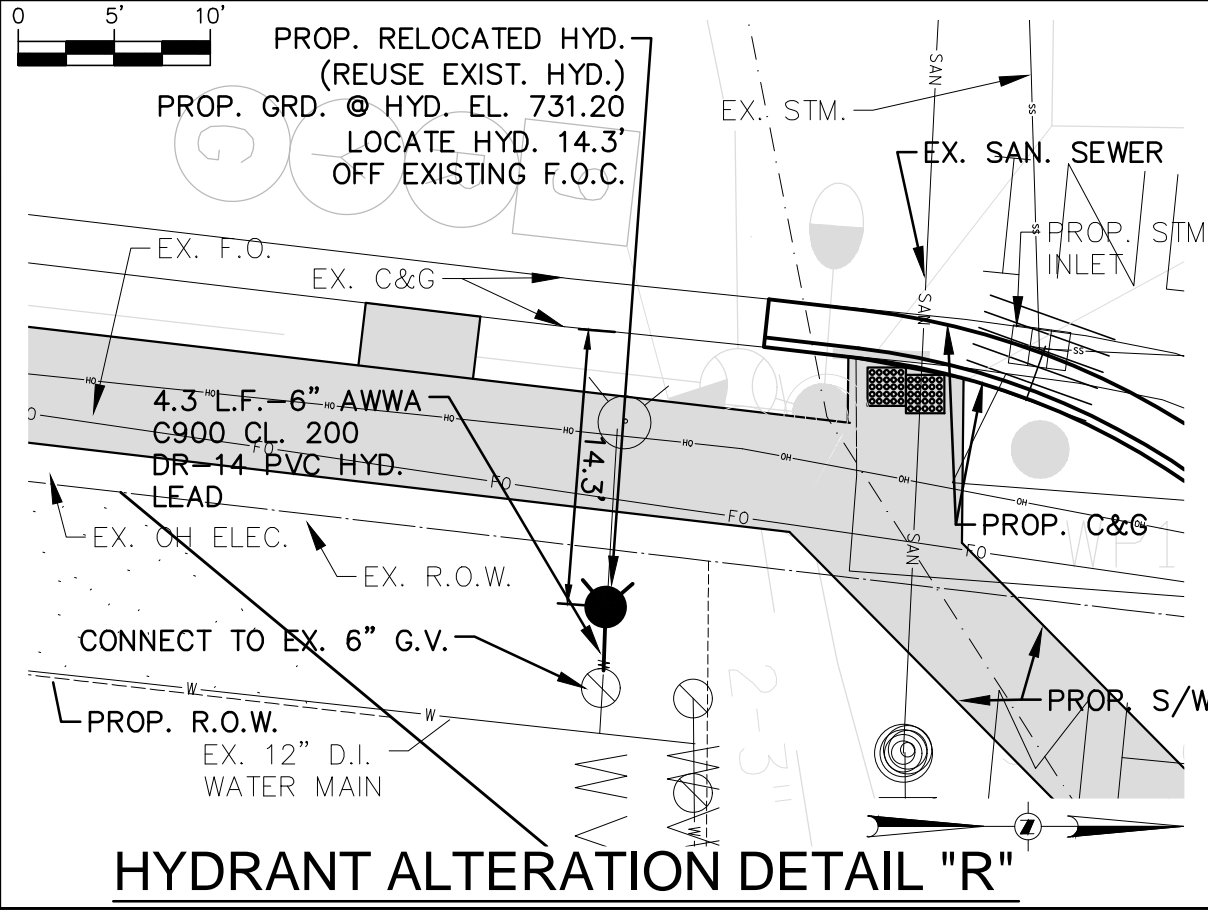
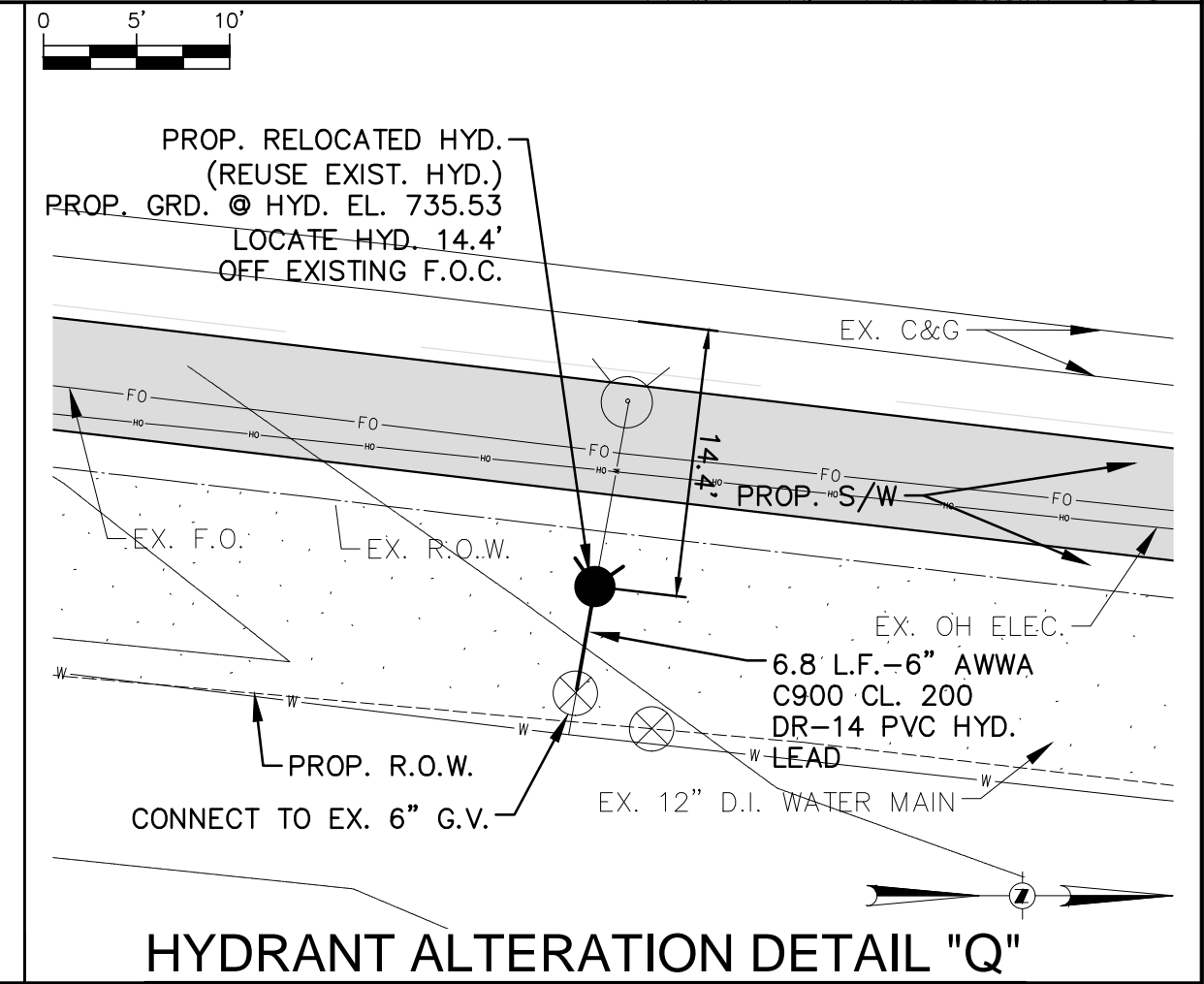
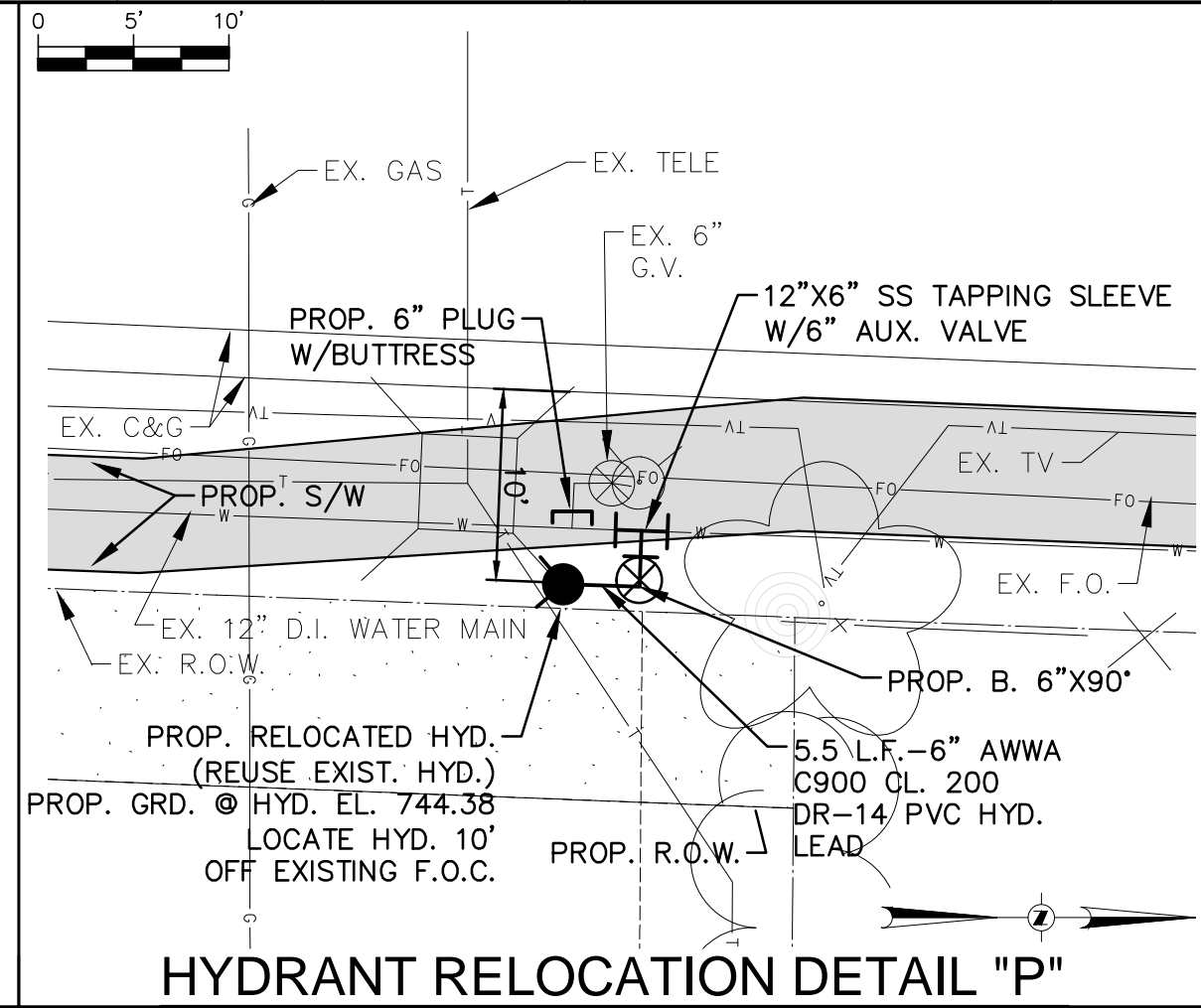
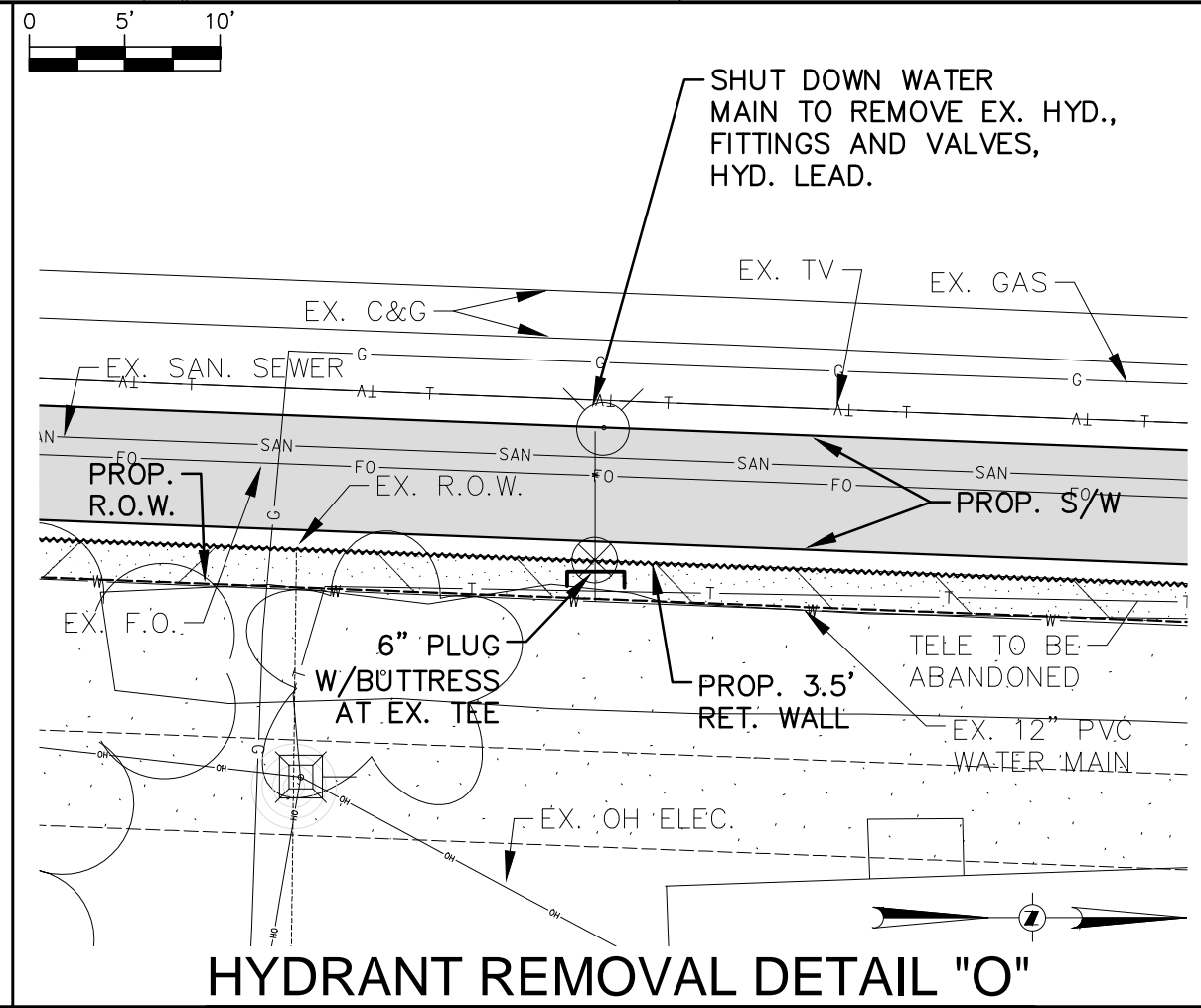
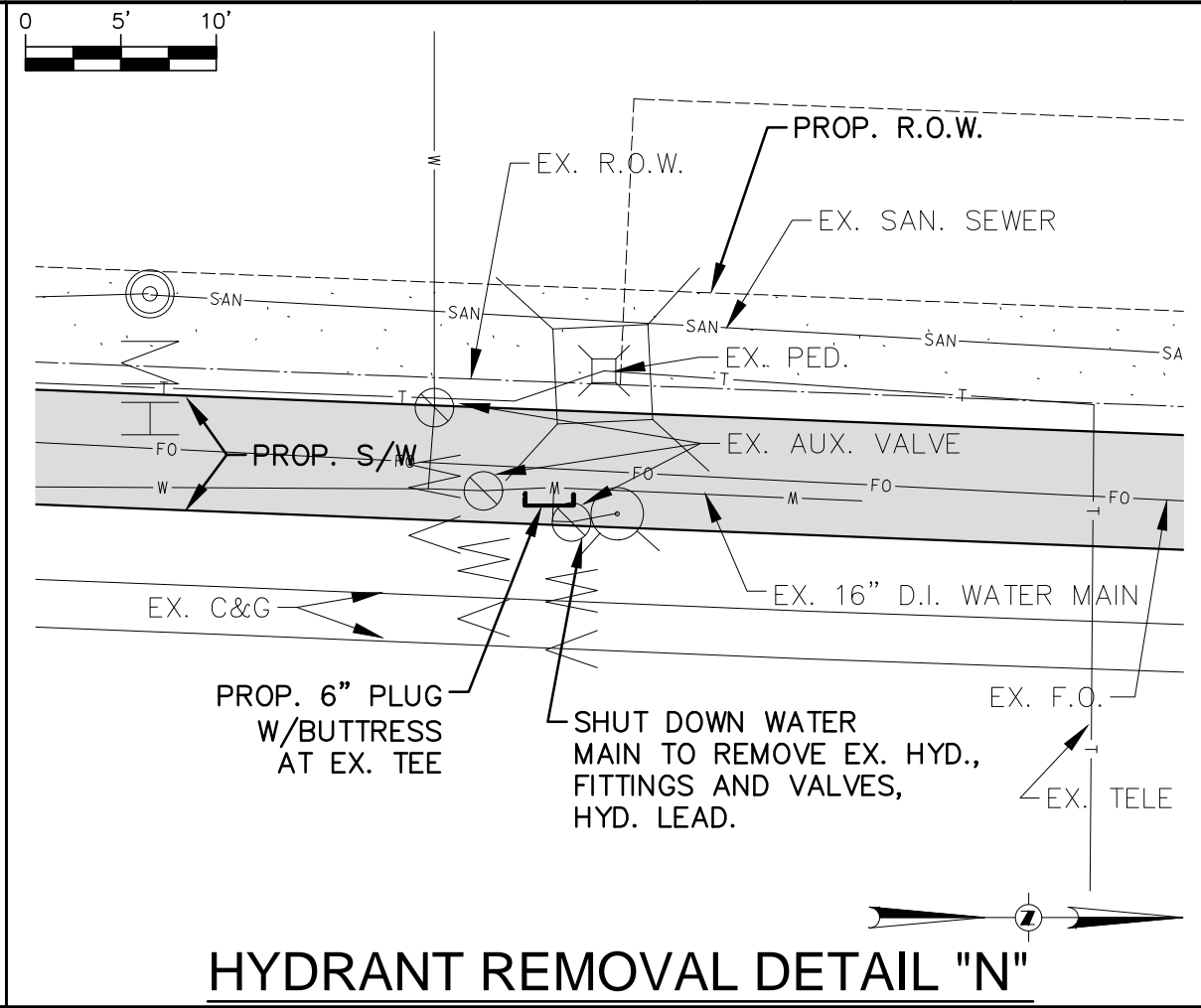
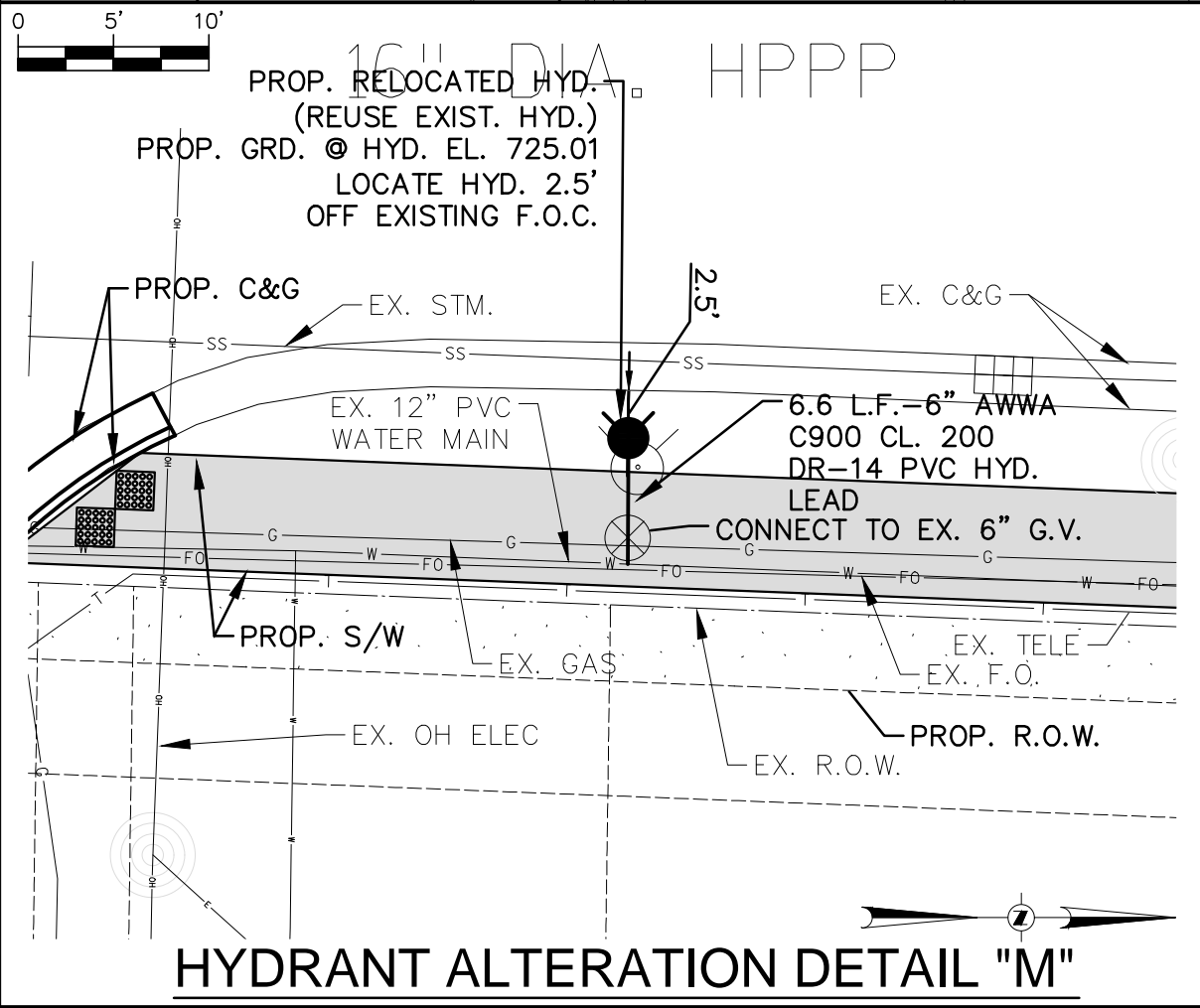
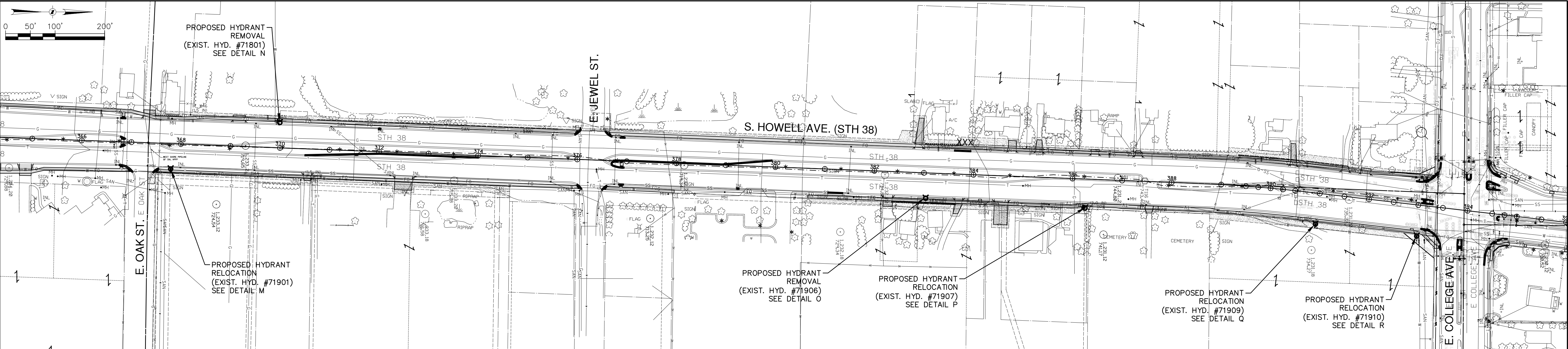
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2	Hydrant Relocation, Reuse Existing Hydrant	1	EA.	LATERALS INSPECTED BY:		G. FKO	
3	Hydrant Alteration, Contractor Supplied New Hydrant	2	EA.	DATE COMPLETED:		E. FKO	
4	Hydrant Alteration, Reuse Existing Hydrant	1	EA.	TYPE OF PIPE, ASTM NO.		T. FKO	
				TYPE OF PIPE, ASTM NO.		I. FKO	
				AS-BUILTS BY:		TS.FKO	
				DATE:		PP.	
				This is to certify that this plan was approved by the Water Works and Sewer Utility Commission of Oak Creek at a regular meeting.			
				Utility Engineer		Date	

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		DESIGNED BY		DATE		UTILITY ENGINEER	
		AS		2-13-14		DATE	
		FKO		2-13-14		APPROVED BY	
		MNP		2-13-14			
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						SCALE	
						KEY PLAN	
						HOR. 1"=100'	
						DETAIL PLAN	
						HOR. 1"=10'	
						05	
						OF	
						12	
REVISION BY		DATE		FILE NO: 14103-5C-2225			



LEGEND

- X - STRUCTURE REMOVAL
- - - - - PROPOSED WATER MAIN
- PROPOSED HYDRANT
- PROPOSED PLUG
- ⊗ PROPOSED GATE VALVE
- EXISTING HYDRANT
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5		Hydrant Removal		DATE COMPLETED:		E. FKO	
				TYPE OF PIPE, ASTM NO.		T. FKO	
				TYPE OF PIPE, ASTM NO.		I. FKO	
				AS-BUILTS BY:		TS.FKO	
				DATE:		PP.	
				This is to certify that this plan was approved by the Water Works and Sewer Utility Commission of Oak Creek at a regular meeting.			
				Utility Engineer		Date	

CITY OF OAK CREEK, WISCONSIN

DESIGNED BY DATE DRAWN BY DATE CHECKED BY DATE
AS 2-13-14 FKO 2-13-14 MNP 2-13-14

S. HOWELL AVE. PROPOSED HYDRANT RELOCATION
IN: S. HOWELL AVE.
FR: E. OAK ST.
TO: E. COLLEGE AVE.

APPROVED BY	
UTILITY ENGINEER	DATE
APPROVED BY	
CITY ENGINEER	DATE
SCALE	SHEET
KEY PLAN HOR. 1"=100'	06
DETAIL PLAN HOR. 1"=10'	OF
	12

FILE NO: 14103-60-2226