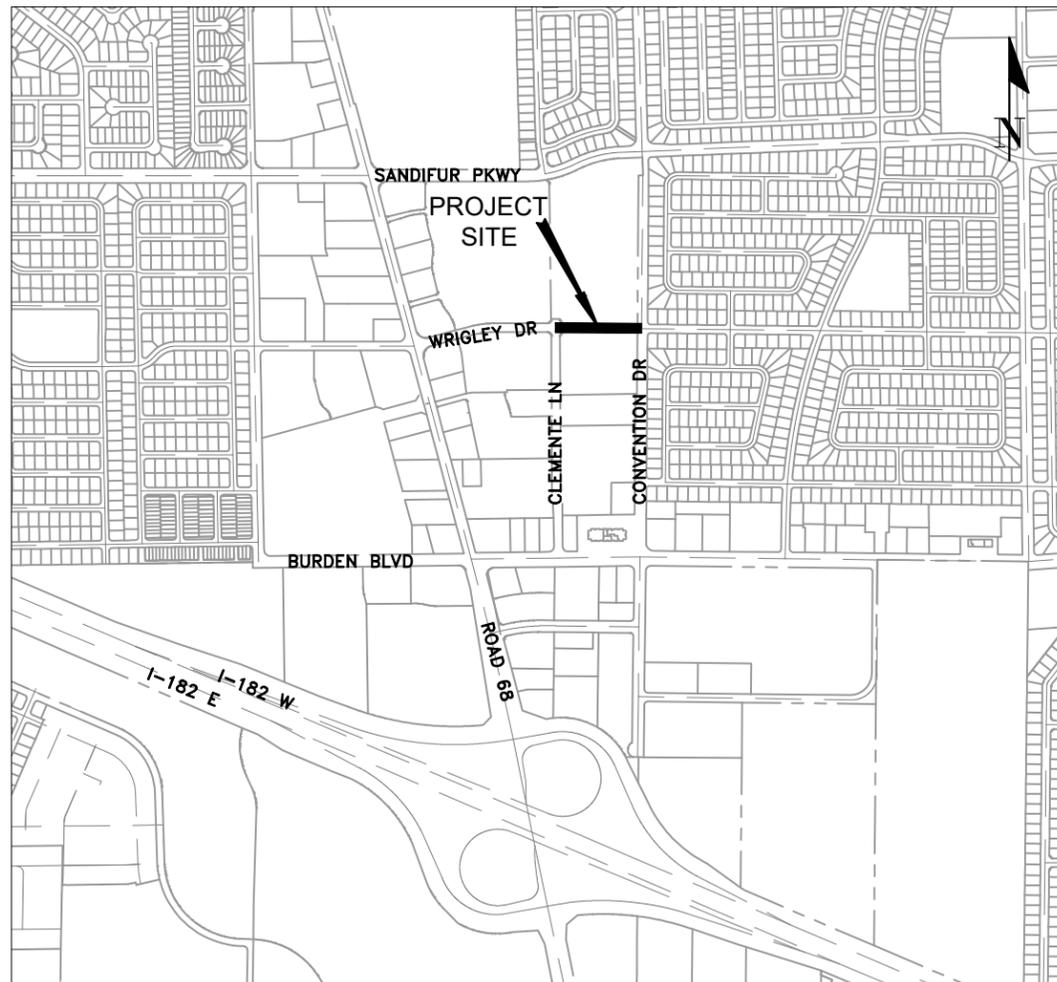


WRIGLEY DRIVE EXTENSION

Located in the City of Pasco, Franklin County, Washington, within Section 9, and Township 9 North, Range 29 East, Willamette Meridian between Clemente Lane & Convention Drive.

FEDERAL AID NO. STPUL-3552(001)



VICINITY MAP
NOT TO SCALE

SEPTEMBER 2020

DATUM ELEVATION
ELEVATIONS BASED ON
WASHINGTON STATE
REFERENCE NETWORK
(WSRN) NAVD88

Contacts

CITY OF PASCO, ENGINEERING	KENT MCCUE	(509) 545-3444
CITY OF PASCO, PUBLIC WORKS OPERATIONS	KIM HOLST	(509) 545-3463
CASCADE NATURAL GAS	ARNIE GARZA	(509) 736-5563
CENTURY LINK	TOBIAS MEARS	(509) 305-7503
FRANKLIN PUD	AARON GONZALES	(509) 546-5953
CHARTER COMMUNICATIONS	ANTONIO CAMPOS	(509) 572-0537

Sheet Index

1 OF 12	COVER SHEET
2 OF 12	GENERAL NOTES, LEGEND AND TYPICAL SECTION
3 OF 12	DRAINAGE STRUCTURE AND NOTES
4 OF 12	DRAINAGE STRUCTURE AND NOTES
5 OF 12	CLASS "A" SIGNING PLAN
6 OF 12	PLAN AND PROFILE
7 OF 12	SIGNING AND STRIPING PLAN
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9 OF 12	TRAFFIC CONTROL PLAN
10 OF 12	DETAIL SHEET
11 OF 12	DETAIL SHEET
12 OF 12	DETAIL SHEET



Approved By: *Maria Serra* 09/28/2020
 Maria Serra, PE, CIP Manager Date



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PUBLIC WORKS - CIP ENGINEERING
(509) 545-3444

REV	DESCRIPTION	BY	DATE

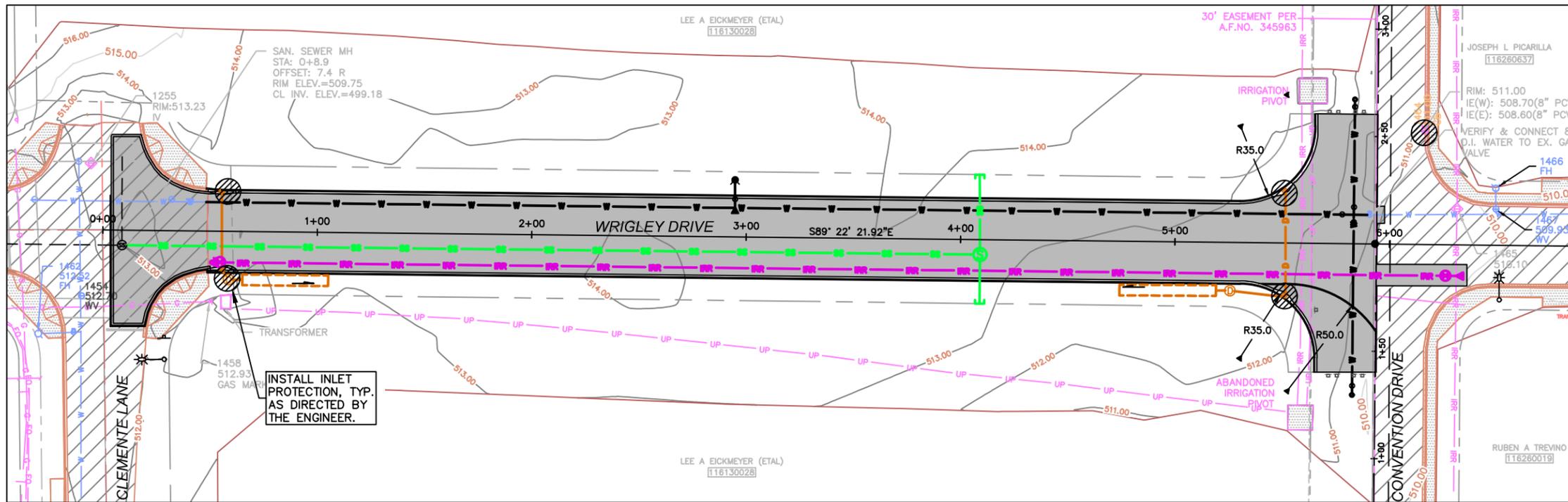
WRIGLEY DRIVE EXTENSION
PASCO WASHINGTON

COVER SHEET

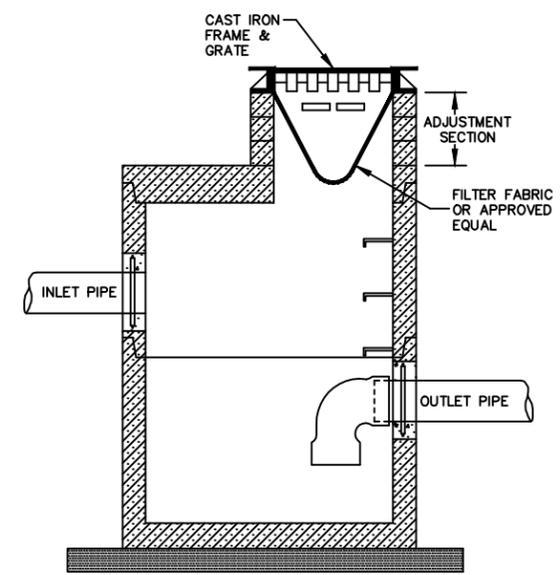
FEDERAL AID NO. STPUL-3552(001)

CAD DWG: CONSTRUCTION
PARCEL #: 116130028
DATE: 9-28-2020
DRAWN BY: BFP
DESIGN BY: FFR
CHECKED BY: TBD
HOR SCALE: NTS
VER SCALE:

SHEET
1
OF
12



INSTALL INLET PROTECTION, TYP. AS DIRECTED BY THE ENGINEER.



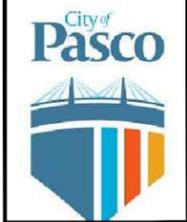
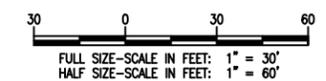
DETAIL NOTES:

1. PROVIDE STORM DRAIN INLET PROTECTION ON ALL NEW AND EXISTING CATCH BASINS.
2. ALL STRUCTURES AND PIPES SHALL BE THOROUGHLY FLUSHED BEFORE FINAL ACCEPTANCE.
3. ABSOLUTELY NO SEDIMENT LADEN WATER IS ALLOWED TO ENTER ANY SUBSURFACE INFILTRATION TRENCH SYSTEM.

**STORM DRAIN INLET PROTECTION
BMP C220**
NOT TO SCALE

TESC NOTES:

1. THE CONTRACTOR SHALL USE ALL REASONABLE MEASURES TO MINIMIZE THE IMPACTS OF CONSTRUCTION ACTIVITY ON WATERS OF THE STATE. WATER QUALITY CONSTITUENTS OF PARTICULAR CONCERN ARE TURBIDITY, SUSPENDED SEDIMENTS, SETTLEABLE SOLIDS, OIL AND GREASE, AND pH.
2. THE CONTRACTOR SHALL USE PROPER EROSION AND SEDIMENT CONTROL PRACTICES ON THE CONSTRUCTION SITE AND ADJACENT CONSTRUCTION STAGING AREAS TO PREVENT EROSION IN AND DOWNHILL OF DISTURBED AREAS, AND TO PREVENT DISCHARGE OF UPLAND SEDIMENTS OR SEDIMENT-LADEN WATER INTO LOCAL DRAINAGE SYSTEMS.
3. THE MEASURES SHOWN ON THESE PLANS ARE THE MINIMUM THAT ARE REQUIRED FOR THE ANTICIPATED SITE CONDITIONS. THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES AS REQUIRED DUE TO CONSTRUCTION PROCEDURES USED BY THE CONTRACTOR.
4. THE CONTRACTOR SHALL NOT DISCHARGE TURBID WATER GENERATED FROM CONSTRUCTION ACTIVITIES DIRECTLY TO ANY STORM WATER SYSTEM INLETS OR DRAINAGE DITCHES BEFORE THE SOLIDS HAVE SETTLED OUT OF THE WATER.
5. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL EXISTING VEGETATION BEYOND THE CLEARING LIMITS.
6. DUST CONTROL SHALL BE PROVIDED BY THE CONTRACTOR BY APPLYING WATER AS REQUIRED.
7. SEDIMENT BARRIERS SHALL BE PLACED IMMEDIATELY DOWNSLOPE OF ALL STOCKPILES.
8. THE CONTRACTOR SHALL INSTALL STABILIZED CONSTRUCTION ENTRANCES ON ALL UNSURFACED CONSTRUCTION ROADS WHERE THE CONSTRUCTION ROAD EXITS ONTO PAVED ROADS.
9. THE TESC FACILITIES SHOWN ON THIS PLAN AND ANY CHANGES REQUIRED BY THE CONTRACTOR'S OPERATIONS, MUST BE CONSTRUCTED PRIOR TO BEGINNING CLEARING AND GRADING OPERATIONS.
10. THE TESC MEASURES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION HAS BEEN OBTAINED. INSTALLED EROSION AND SEDIMENT CONTROL MEASURES SHALL ONLY BE REMOVED WITH THE APPROVAL OF THE ENGINEER.
11. THE CONTRACTOR SHALL PROVIDE DAILY INSPECTION AND MAINTENANCE OF ALL TESC MEASURES. TESC MEASURES SHALL BE IN WORKING CONDITION AT ALL TIMES. THE CONTRACTOR SHALL IMMEDIATELY REPAIR, REPLACE, AND INSTALL ADDITIONAL MEASURES SO THAT THEY ARE EFFECTIVE.
12. AFTER ANY 24-HOUR RAINFALL GREATER THAN 0.5 INCHES, THE CONTRACTOR SHALL INSPECT TESC MEASURES FOR INTEGRITY. ANY DAMAGED TESC MEASURES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND REPAIRED IMMEDIATELY.
13. IF NECESSARY THE CONTRACTOR SHALL SET ASIDE A SEPARATE AREA, WHICH DOES NOT HAVE ANY POSSIBILITY OF DRAINING TO SURFACE WATERS, FOR THE WASH-OUT OF CONSTRUCTION EQUIPMENT AND TOOLS.
14. THE CONTRACTOR SHALL TAKE EXTREME CARE TO PREVENT ANY PETROLEUM PRODUCTS, CHEMICALS, OR OTHER TOXIC OR DELETERIOUS MATERIALS FROM ENTERING GROUNDWATER OR STORM DRAIN SYSTEMS.
15. THE ENGINEER HAS THE AUTHORITY TO HALT CONSTRUCTION IF EROSION CONTROLS ARE NOT MAINTAINED PROPERLY OR IF A VIOLATION HAS NOT BEEN CORRECTED. THE CONTRACTOR SHALL BEAR ALL RISK AND ALL COSTS OF ANY WORK DELAYS CAUSED BY THESE ACTIONS.



CITY OF PASCO
PUBLIC WORKS - CIVIL ENGINEERING
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WRIGLEY DRIVE EXTENSION
PASCO, WASHINGTON
DRAINAGE STRUCTURE AND NOTES
FEDERAL AID NO. STPUL-3552(001)

CAD DWG: CONSTRUCTION
PARCEL #: 116130028
DATE: 9-28-2020
DRAWN BY: BFP
DESIGN BY: FFR
CHECKED BY: TBD
HOR SCALE: 1"=30'
VER SCALE:
SHEET

3
12
OF

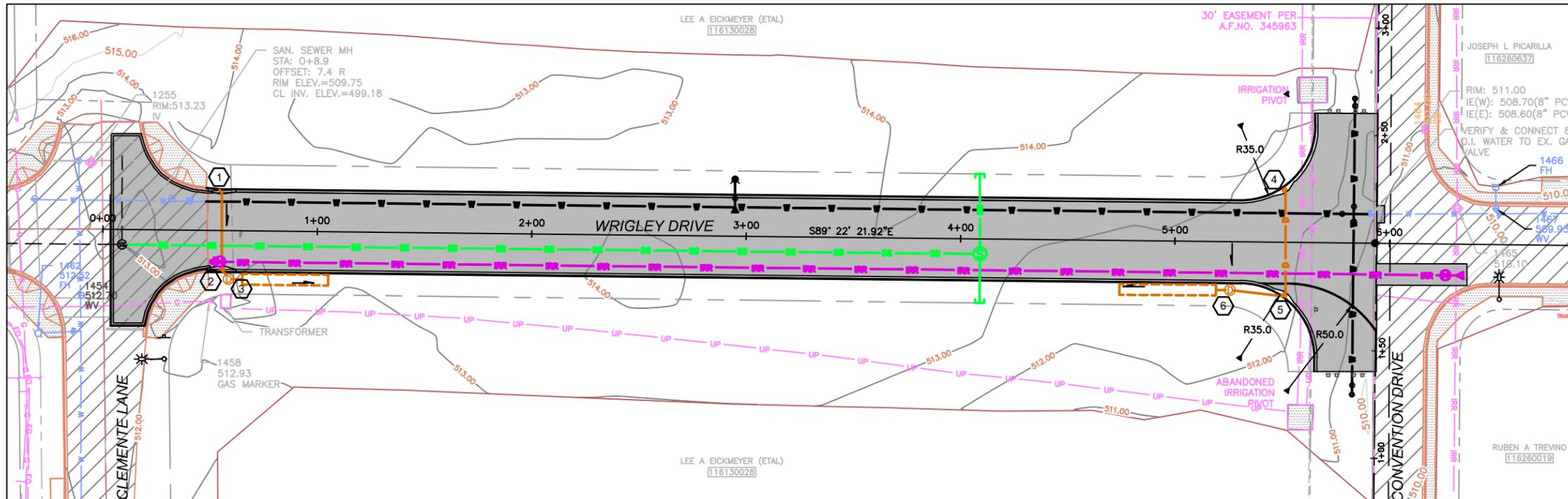
REV	DESCRIPTION	BY	DATE

DRAINAGE STRUCTURE NOTES

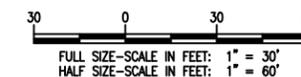
No.	STATION/OFFSET	TYPE	RIM ELEV	IE IN	IE OUT
①	WRIGLEY DRIVE, STA. 0+56, 19' LT	INSTALL NEW CATCH BASIN TYPE 1 WITH CAST IRON VANED GRATE AND 35 L.F. 8-INCH DUCTILE IRON STORM DRAIN PIPE	513.08	---	511.00
②	WRIGLEY DRIVE, STA. 0+56, 19' RT	INSTALL NEW CATCH BASIN TYPE 1 WITH CAST IRON VANED GRATE AND 6 L.F. 12-INCH STORM DRAIN PIPE	513.08	509.80	509.70
③	WRIGLEY DRIVE, STA. 0+58, 22.5' RT	INSTALL NEW CATCH BASIN TYPE 2 48 IN. DIAM. WITH LID AND 40 L.F. OF INFILTRATION TRENCH .	513.65	509.60	509.50
④	WRIGLEY DRIVE, STA. 5+51, 25' LT	INSTALL NEW CATCH BASIN TYPE 1 WITH CAST IRON VANED GRATE AND 49 L.F. 8-INCH DUCTILE IRON STORM DRAIN PIPE	510.29	---	508.29
⑤	WRIGLEY DRIVE, STA. 5+51, 25' RT	INSTALL NEW CATCH BASIN TYPE 1 WITH CAST IRON VANED GRATE AND 26 L.F. 12-INCH STORM DRAIN PIPE	510.29	508.00	507.90
⑥	WRIGLEY DRIVE, STA. 5+26, 22.5' RT	INSTALL NEW CATCH BASIN TYPE 2 48 IN. DIAM. WITH LID AND 45 L.F. OF INFILTRATION TRENCH	511.22	507.70	507.60

NOTES

- FOR CB TYPE 1, STD DETAIL SD-1.
- FOR CB TYPE 2, STD DETAIL SD-2.
- INSTALL INLET PROTECTION SOCKS ON ALL CATCH BASINS. INLET PROTECTION TO REMAIN AFTER PROJECT COMPLETION.
- A FULL LENGTH PIECE OF DUCTILE IRON PIPE SHALL BE CENTERED ON THE POINT OF CROSSING THE WATER LINE.
- PROVIDE ALL NECESSARY FITTINGS NECESSARY TO CONNECT BETWEEN STRUCTURES.



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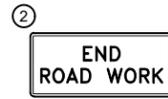
GENERAL NOTES



W20-1
(48" x 48")



W21-1701
(48" x 48")



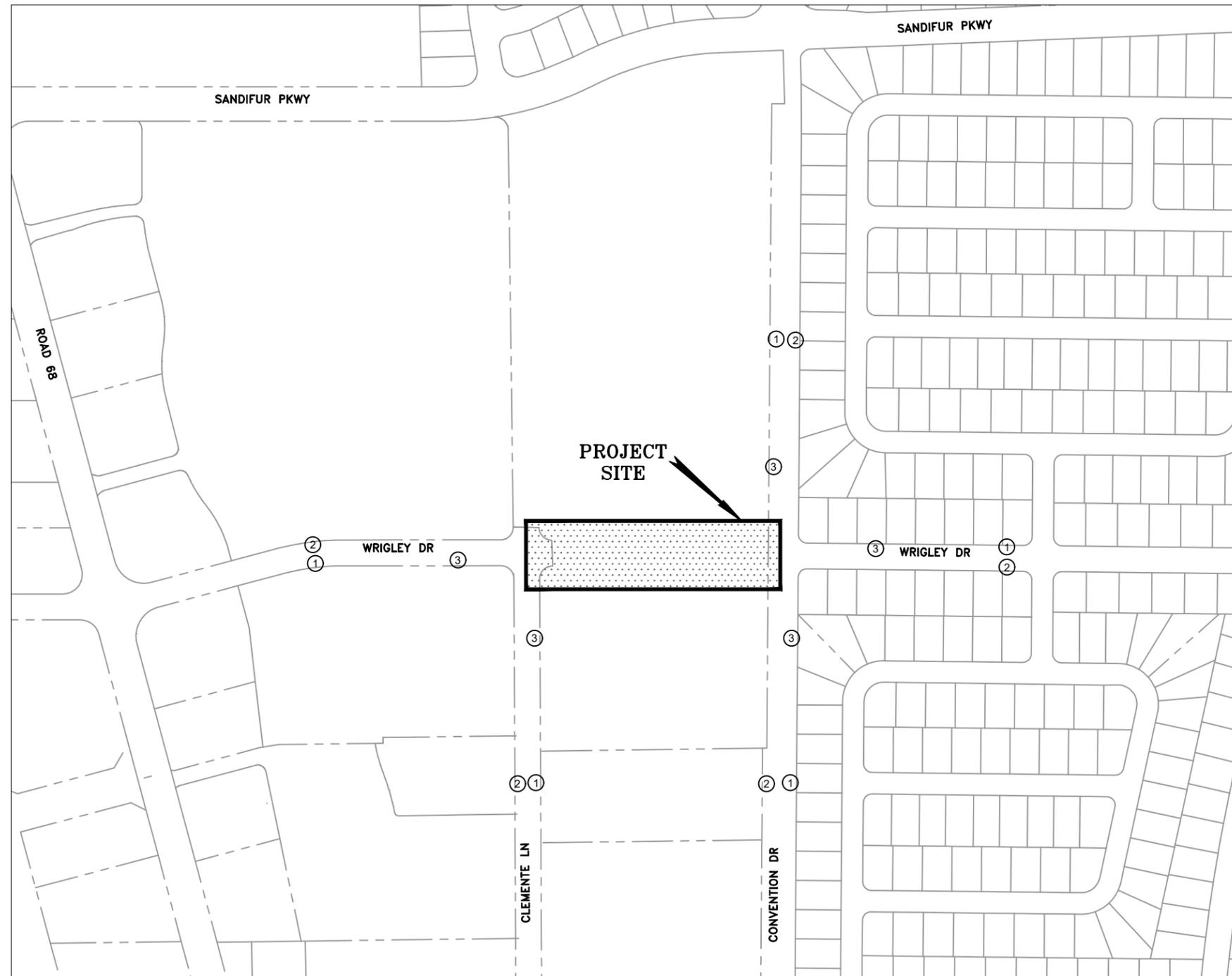
G20-2A (48" x 24")

SIGNS ① AND ② SHALL TYPICALLY BE PLACED 500'± FROM BEGINNING AND END OF CONSTRUCTION. SIGN ③ SHALL TYPICALLY BE INSTALLED 200'± FROM THE START OF CONSTRUCTION.

THE CONSTRUCTION SHALL SUBMIT A TRAFFIC CONTROL PLAN, IN ACCORDANCE WITH THE MUTCD, TO THE CITY OF PASCO FOR APPROVAL PRIOR TO ANY CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY AND ALL TRAFFIC CONTROL DEVICES AS MY BE REQUIRED BY THE CONSTRUCTION ACTIVITIES.

THE CONTRACTOR'S TCS IS RESPONSIBLE FOR FINAL PLACEMENT OF SIGNS.

ALL RECONSTRUCTED RAMPS SHALL BE BARRICADED TO PROTECT PEDESTRIANS AND TRAFFIC.



CITY OF PASCO
PUBLIC WORKS - CIP ENGINEERING
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REV	DESCRIPTION	BY	APP.	DATE

WRIGLEY DRIVE EXTENSION
PASCO WASHINGTON

CLASS 'A' SIGNING PLAN
FEDERAL AID NO. STPUL-3552(001)

CAD DWG: CONSTRUCTION
PARCEL #: 116130028
DATE: 9-28-2020
DRAWN BY: BFP
DESIGN BY: FFR
CHECKED BY: TBD
HOR SCALE:
VER SCALE:

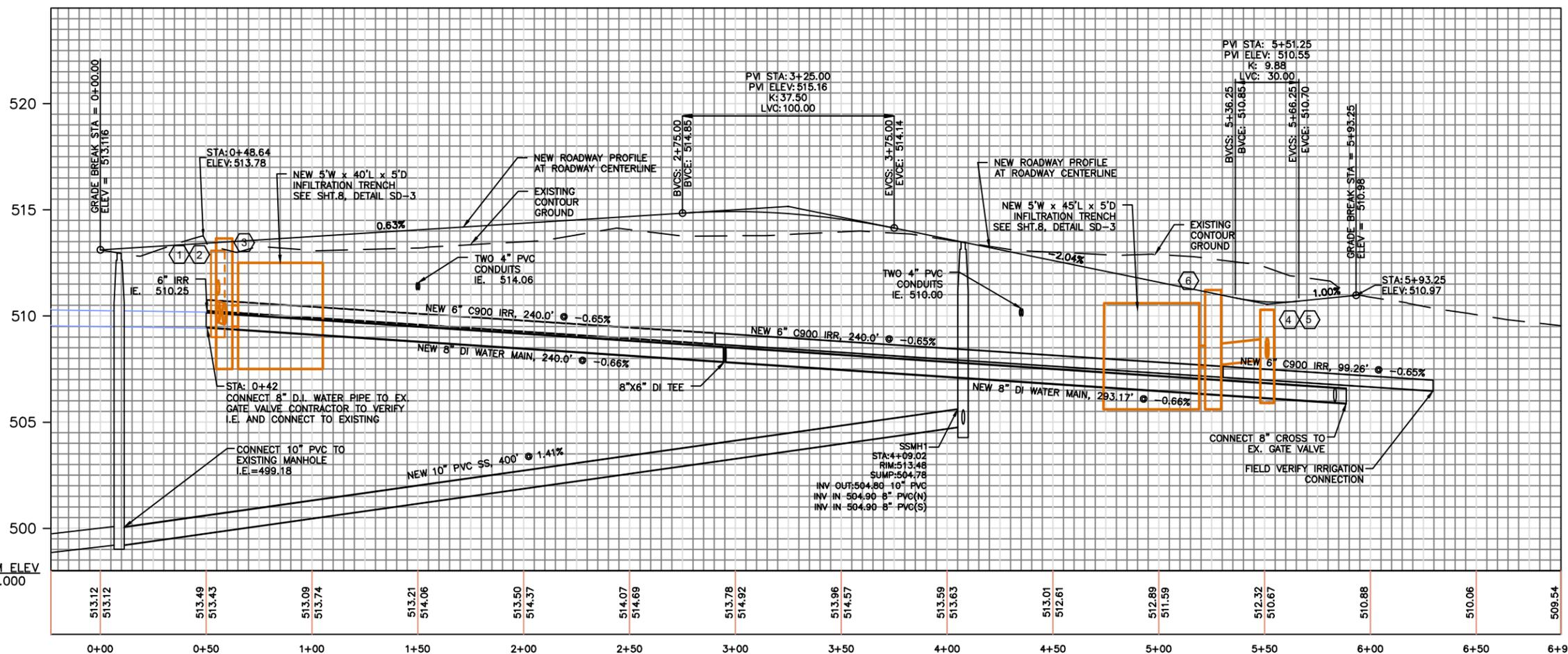
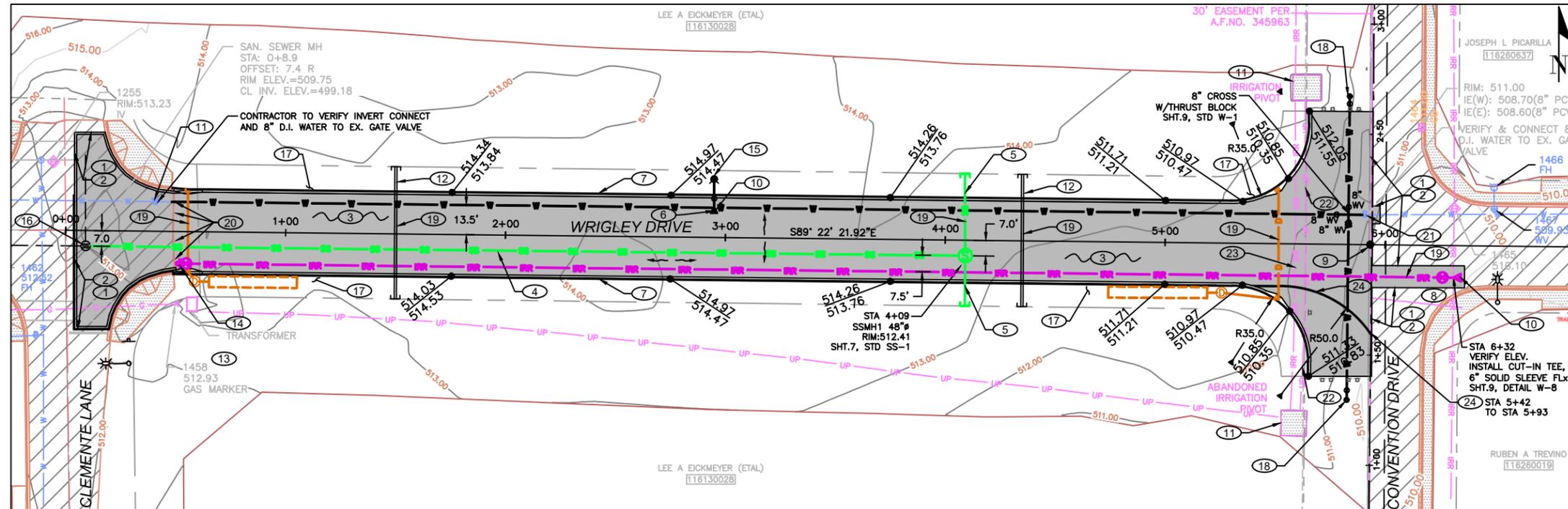


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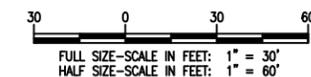
SHEET
5
OF
12

SHEET NOTES

- 1 SAW CUT TO LIMITS SHOWN.
- 2 MATCH EXISTING ASPHALT.
- 3 INSTALL NEW ROAD PER TYPICAL ROADWAY SECTION.
- 4 CONSTRUCT NEW SANITARY SEWER PIPE, 10 INCH
- 5 CONSTRUCT NEW SANITARY SEWER PIPE, 8 INCH CAP FOR FUTURE
- 6 INSTALL NEW 8"x6" FLxM TEE TO 6" GATE VALVE MJxFL
- 7 INSTALL TYPE 'A' CURB AND GUTTER PER CITY STANDARD, DETAIL ST-6
- 8 INSTALL 6" RESILIENT GATE VALVE- FLxMJ
- 9 BRASS CAP FOUND IN CASE STA 5+93.25. PROTECT IN PLACE OR REPLACE DURING CONSTRUCTION.
- 10 INSTALL THRUST BLOCK PER DETAIL W-8.
- 11 PROTECT EXISTING IRRIGATION TO REMAIN.
- 12 INSTALL TWO 4" PVC CONDUITS FOR FUTURE USE (STA 1+50 AND 4+35). MARK WITH DETECTABLE WARNING TAPE.
- 13 INSTALL CAP FOR FUTURE USE.
- 14 INSTALL NEW BLOW-OFF ASSEMBLY PER CITY PASCO STANDARDS.
- 15 INSTALL NEW FIRE HYDRANT PER CITY PASCO STANDARDS.
- 16 ADJUST MANHOLE TO FINISH GRADE.
- 17 GRADE BEHIND CURB AT 3:1 SLOPE PER TYPICAL STREET SECTION.
- 18 INSTALL NEW BLOW-OFF ASSEMBLY PER CITY OF PASCO STANDARDS. WATER LINE TO BE EXTENDED IN THE FUTURE. INSTALL FULL SIZE VALVES.
- 19 INSTALL SELECT BACKFILL MAX 2' DEEP BELOW PAVEMENT SECTION WITHIN NEW ROADWAY SECTION. INSTALL AT LOCATIONS WHERE UTILIZES TRANSVERSELY CROSS ROADWAY.
- 20 REMOVE AND RELOCATE FOUR EXISTING TYPE 3 BARRICADES AS SHOWN ON SIGNING AND STRIPING PLAN.
- 21 ADJUST VALVE BOX TO FINISHED GRADE.
- 22 PROTECT EXISTING DIRECT BURY UNDERGROUND POWER CONDUCTOR TO REMAIN. DEPTH UNKNOWN. IF ENCOUNTERED, LOWER TO MEET NEC REQUIREMENTS.
- 23 ABANDON IRRIGATION LINE.
- 24 INSTALL TYPE 6 EXTRUDED CURB PER WSDOT STANDARD PLAN F-10.42-00. PROVIDE 1' GAP AT LOW POINT OF ROADWAY FOR DRAINAGE.



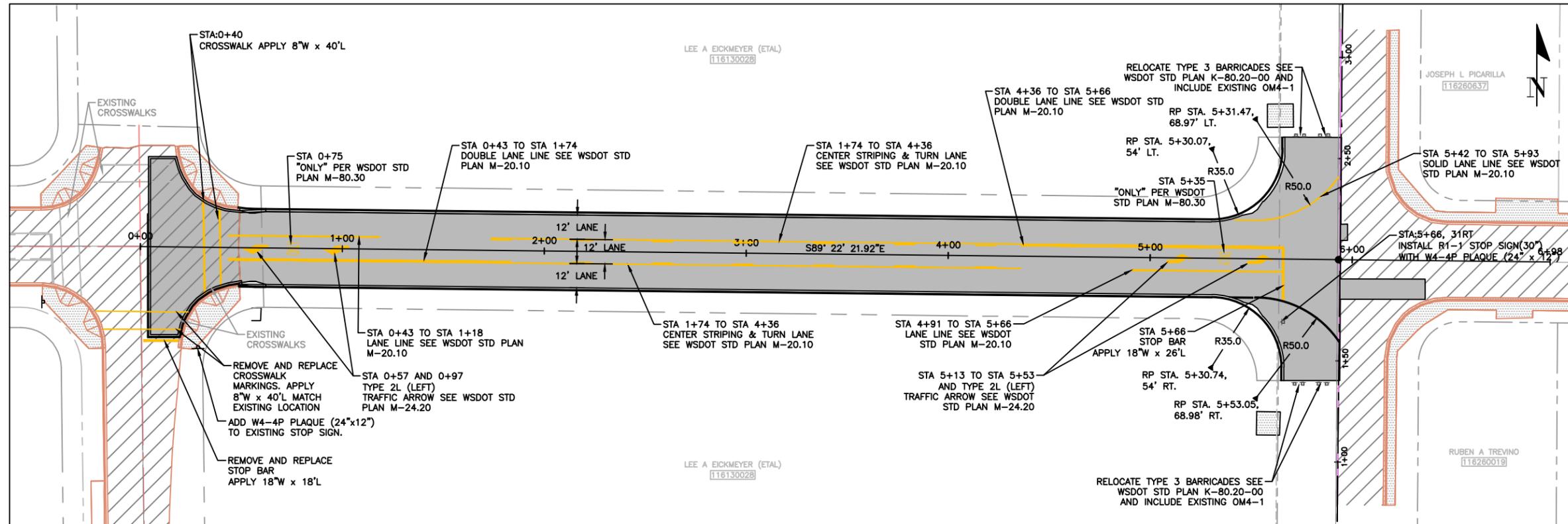
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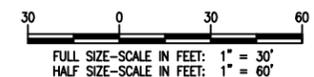


NOTES

- CROSS WALKS SHALL BE INSTALLED PER CURRENT WSDOT STD PLAN M-15.10
- LONGITUDINAL PARKING PATTERNS SHALL BE INSTALLED PER CURRENT WSDOT STD PLAN M-20.10
- SIGNS SHALL BE INSTALLED AND LOCATED IN ACCORDANCE WITH MUTCD GUIDELINES AND REQUIREMENTS, AND WSDOT REQUIREMENTS.
- PAVEMENT MARKING ARROWS AND LETTERS TO BE PER WSDOT STANDARD PLAN M-80.10 LOW SPEED APPLICATION.
- SIGN SUPPORT POSTS TO BE ST-2 PER WSDOT STANDARD PLAN G-24.50.
- ALL PAVEMENT MARKINGS SHALL BE TYPE A, LIQUID HOT APPLIED THERMOPLASTIC, UNLESS OTHERWISE APPROVED OR NOTED. ARROWS AND LETTERS MAY BE TYPE B, PRE-FORMED FUSED THERMOPLASTIC.



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WRIGLEY DRIVE EXTENSION
PASCO, WASHINGTON

SIGNING AND STRIPING PLAN
FEDERAL AID NO. STPUL-3552(001)

CAD DWG:	CONSTRUCTION
PARCEL #:	116130028
DATE:	9-28-2020
DRAWN BY:	BFP
DESIGN BY:	FPR
CHECKED BY:	TBD
HOR SCALE:	1=30
VER SCALE:	

SHEET	7
OF	12



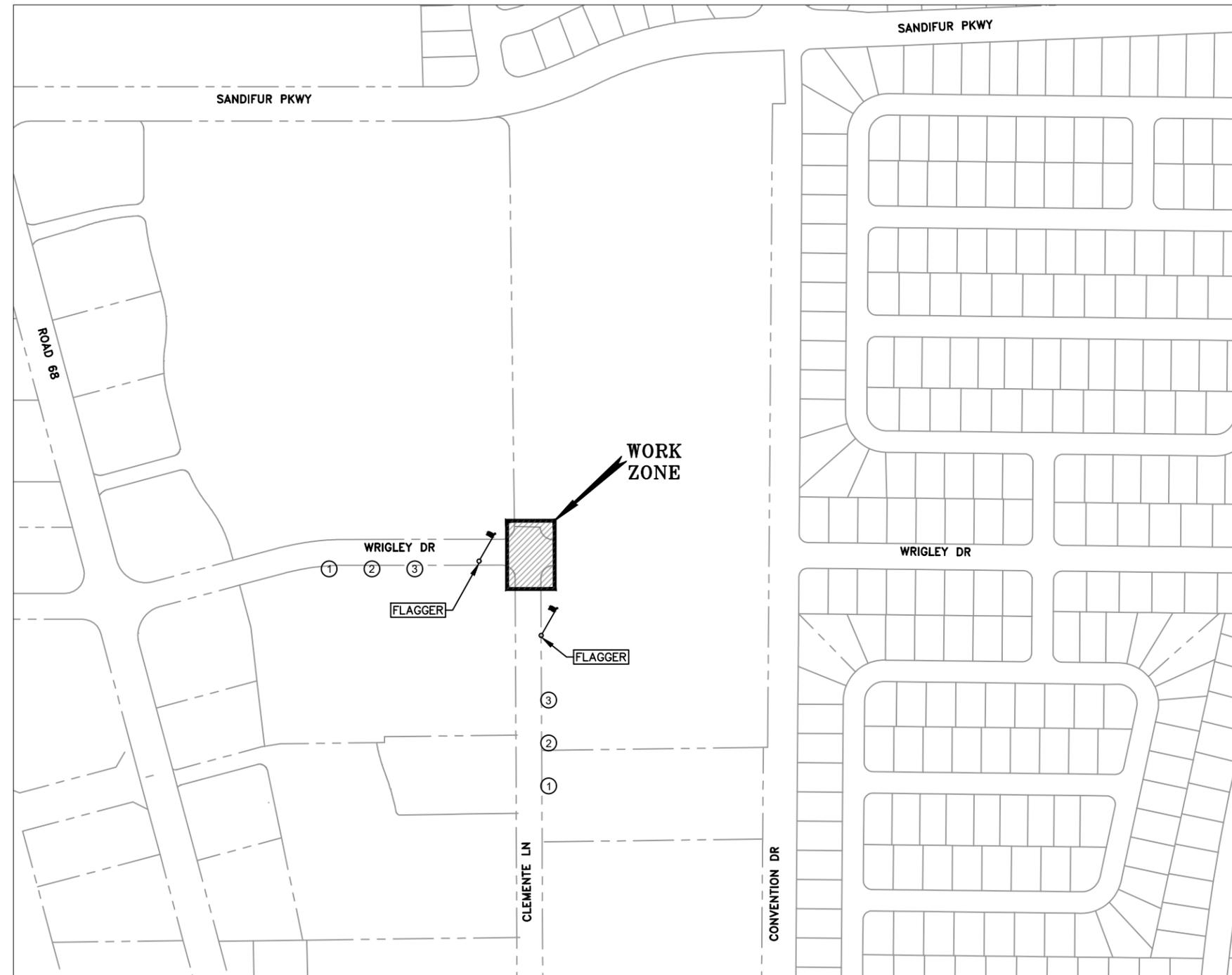
GENERAL NOTES



SIGNS ①, ② AND ③ SIGN SPACING TO BE 100'±.
SIGN ③ SHALL TYPICALLY BE INSTALLED 100'± FROM THE START OF CONSTRUCTION.

THE CONSTRUCTION SHALL SUBMIT A TRAFFIC CONTROL PLAN, IN ACCORDANCE WITH THE MUTCD, TO THE CITY OF PASCO FOR APPROVAL PRIOR TO ANY CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY AND ALL TRAFFIC CONTROL DEVICES AS MAY BE REQUIRED BY THE CONSTRUCTION ACTIVITIES.

THE CONTRACTOR'S TCS IS RESPONSIBLE FOR FINAL PLACEMENT OF SIGNS.



CITY OF PASCO
PUBLIC WORKS - CIP ENGINEERING
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REV	DESCRIPTION	BY	APP.	DATE

WRIGLEY DRIVE EXTENSION
PASCO WASHINGTON

TRAFFIC CONTROL PLAN

FEDERAL AID NO. STPUL-3552(001)

CAD DWG: CONSTRUCTION
PARCEL #: 116130028
DATE: 9-28-2020
DRAWN BY: BFP
DESIGN BY: FPR
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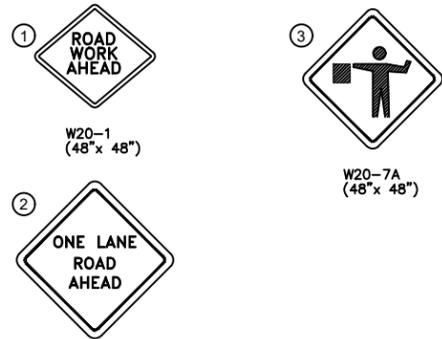


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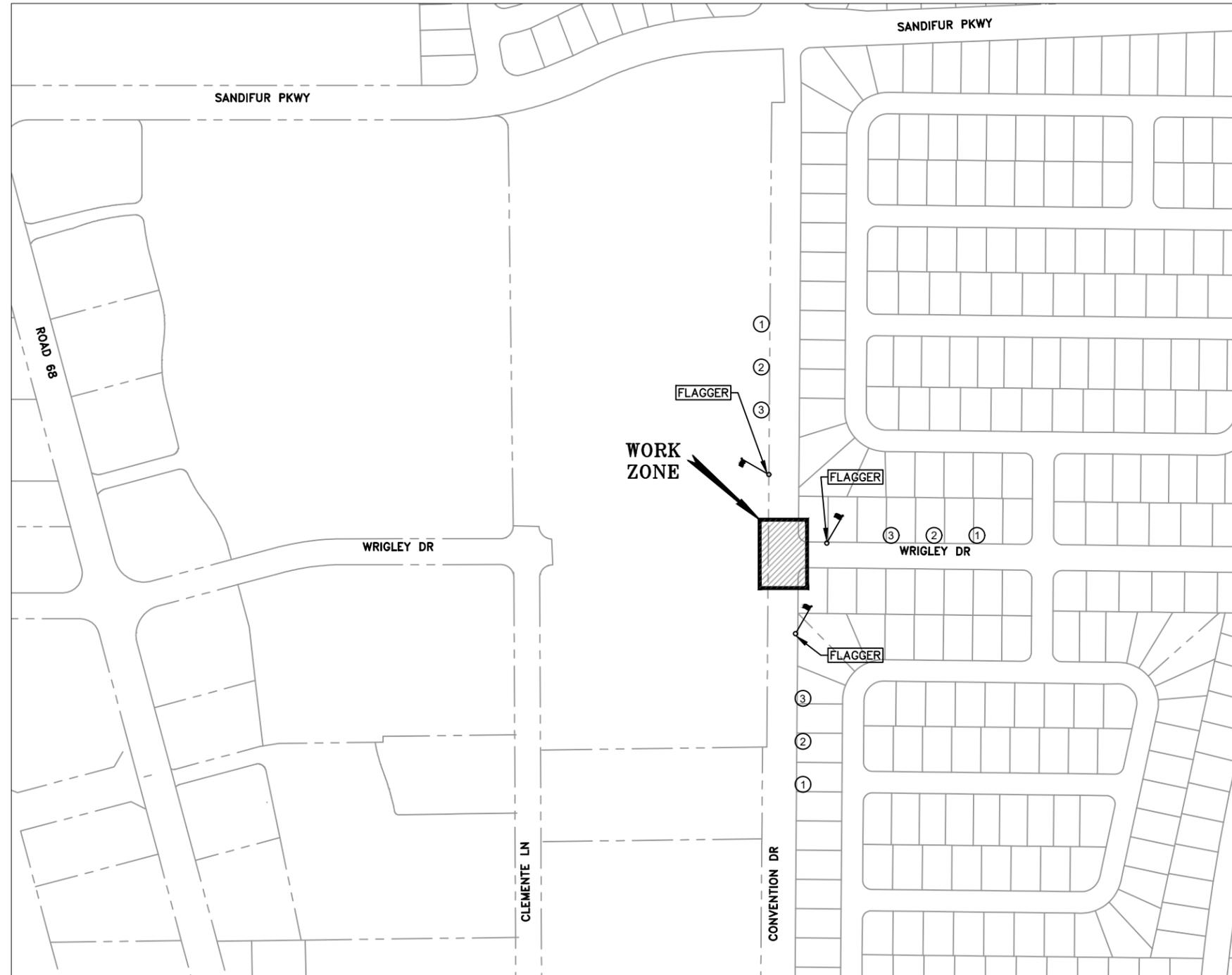
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WRIGLEY DRIVE EXTENSION
PASCO WASHINGTON

TRAFFIC CONTROL PLAN

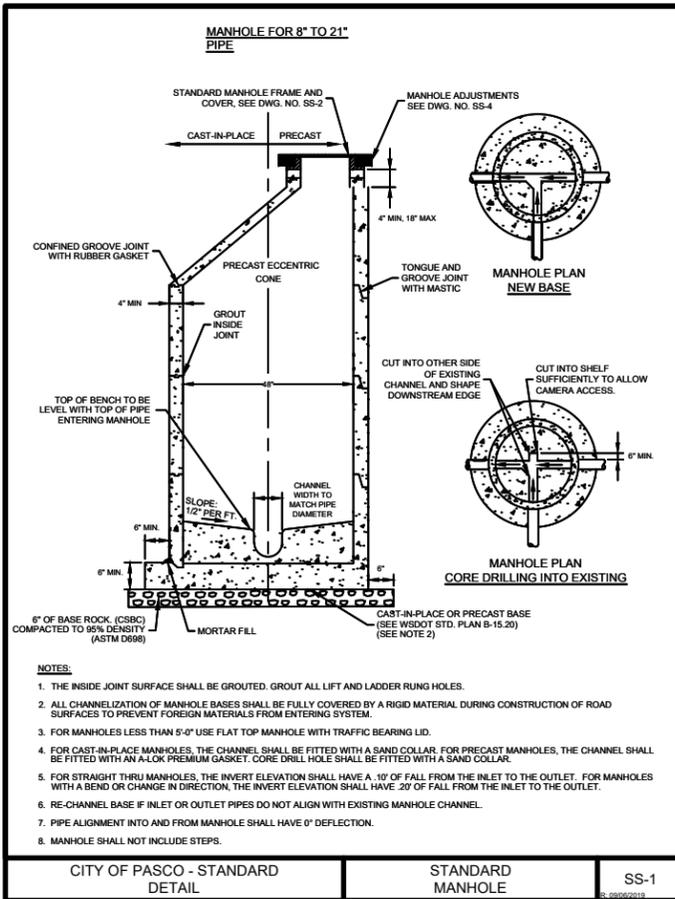
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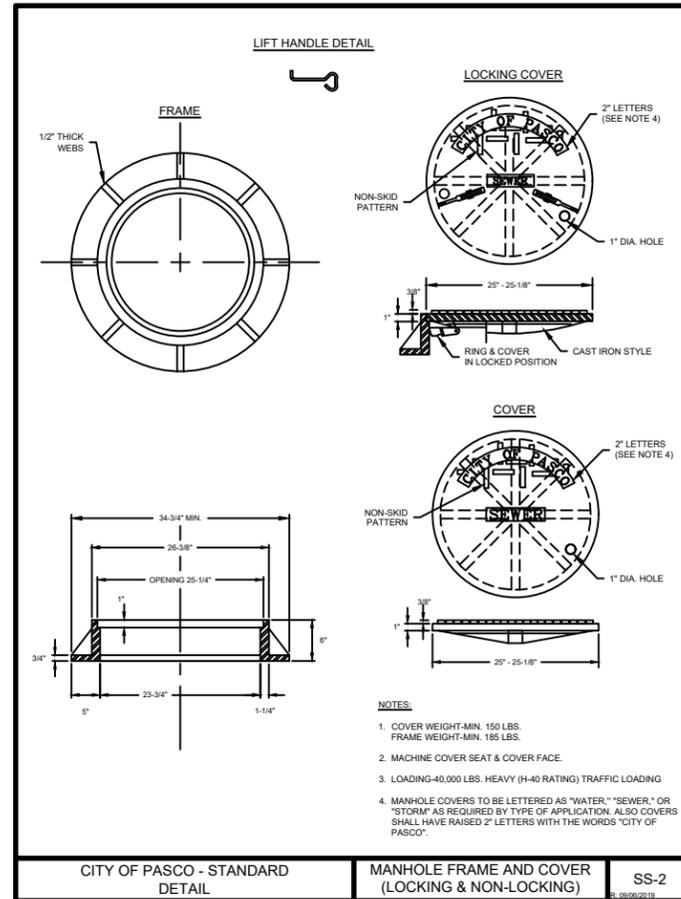


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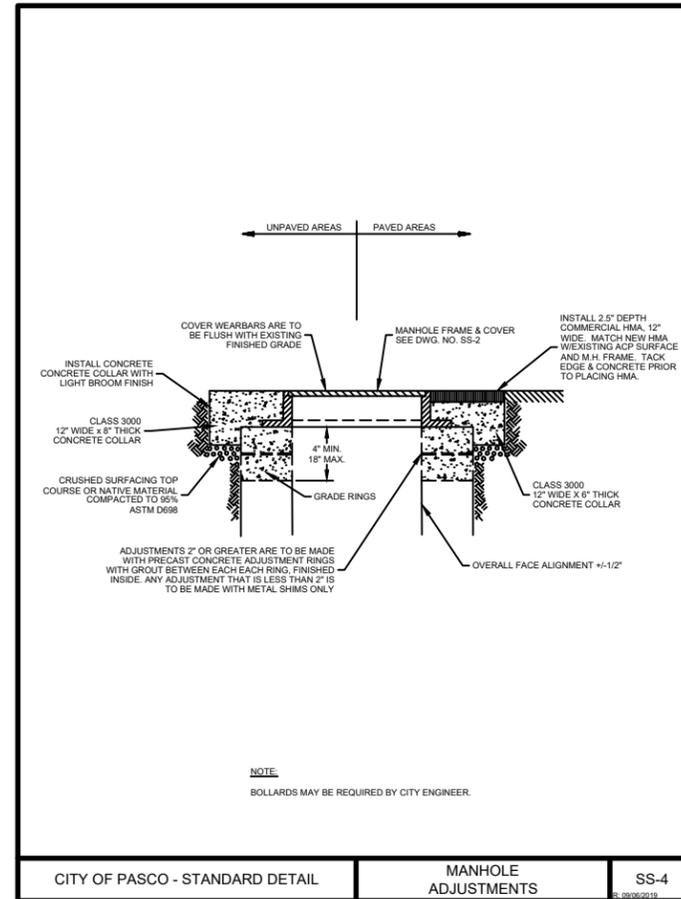
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OF
12



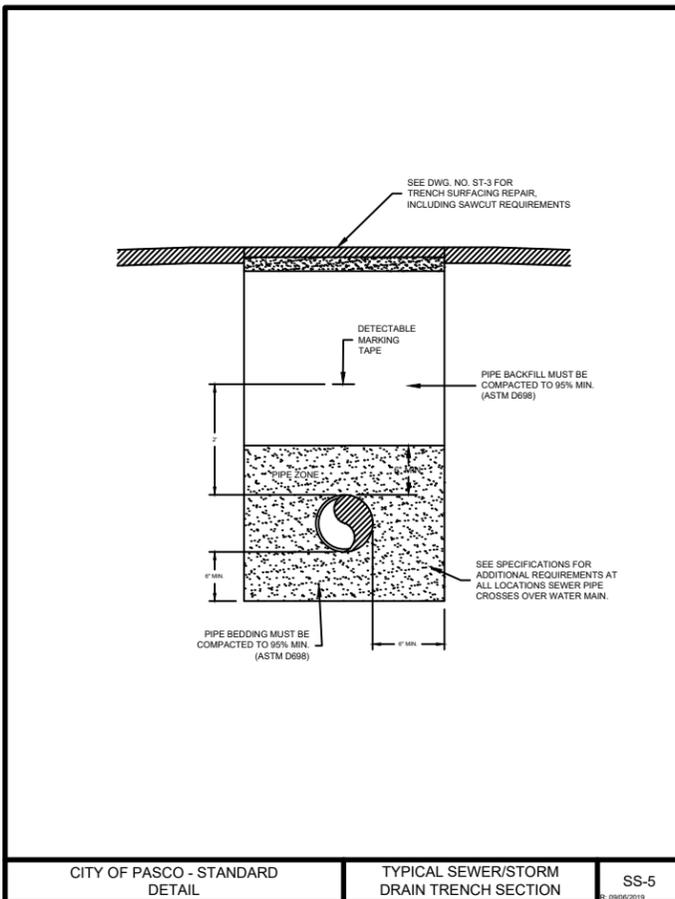
CITY OF PASCO - STANDARD DETAIL STANDARD MANHOLE SS-1



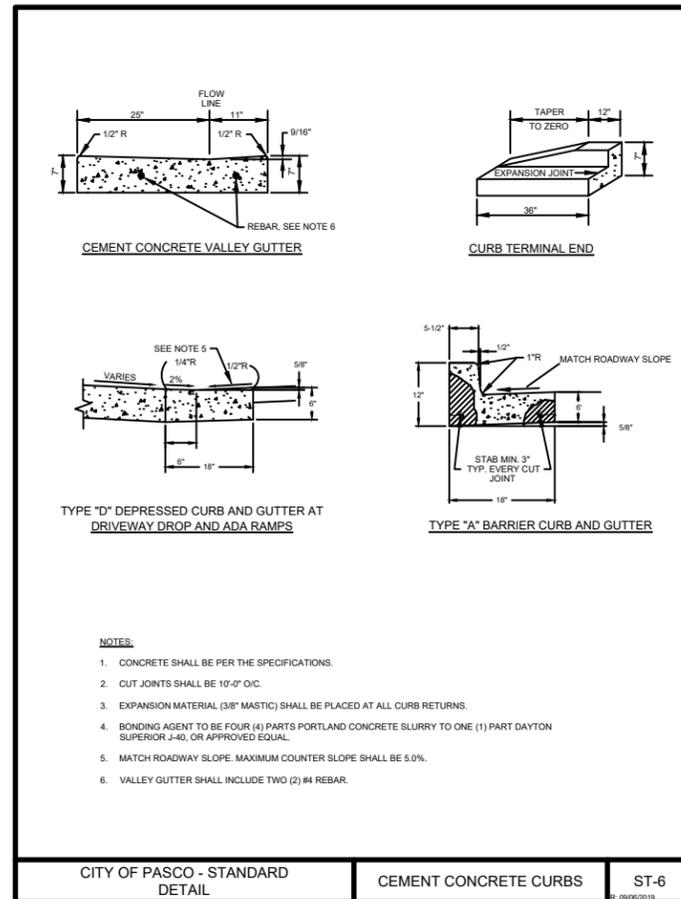
CITY OF PASCO - STANDARD DETAIL MANHOLE FRAME AND COVER (LOCKING & NON-LOCKING) SS-2



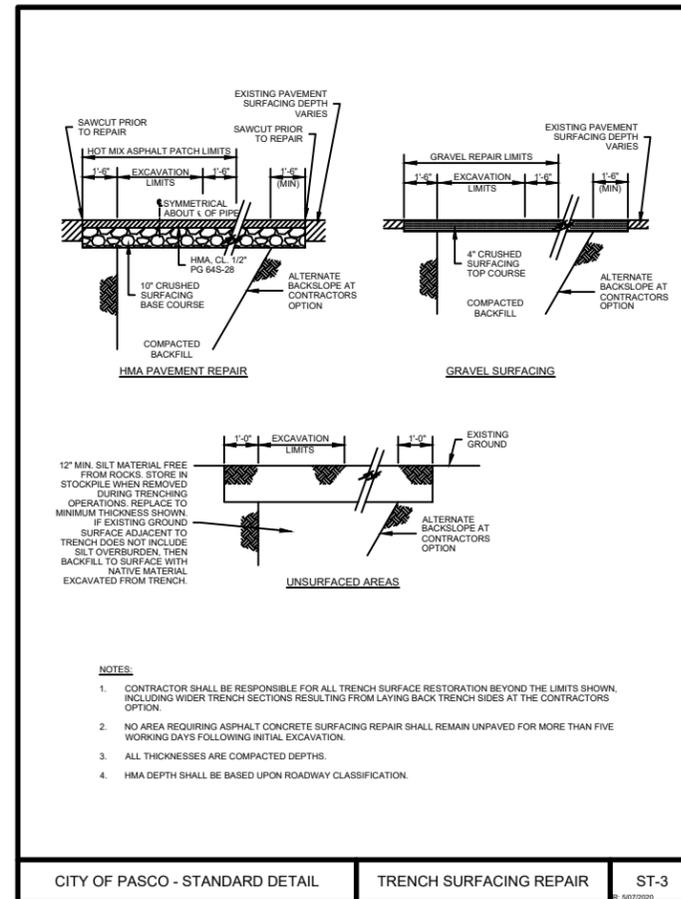
CITY OF PASCO - STANDARD DETAIL MANHOLE ADJUSTMENTS SS-4



CITY OF PASCO - STANDARD DETAIL TYPICAL SEWER/STORM DRAIN TRENCH SECTION SS-5



CITY OF PASCO - STANDARD DETAIL CEMENT CONCRETE CURBS ST-6



CITY OF PASCO - STANDARD DETAIL TRENCH SURFACING REPAIR ST-3



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WRIGLEY DRIVE EXTENSION
PASCO, WASHINGTON

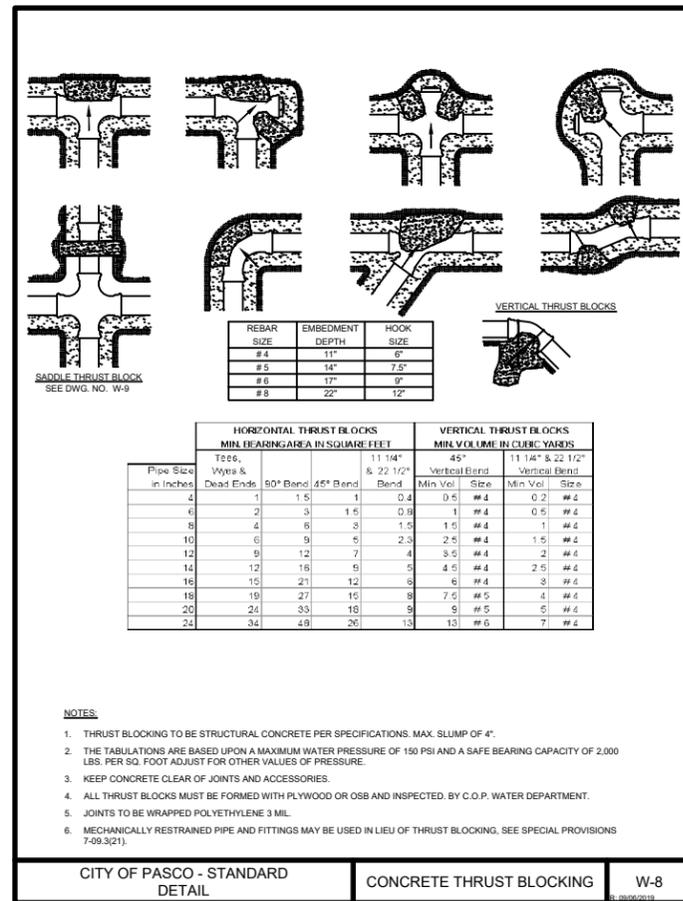
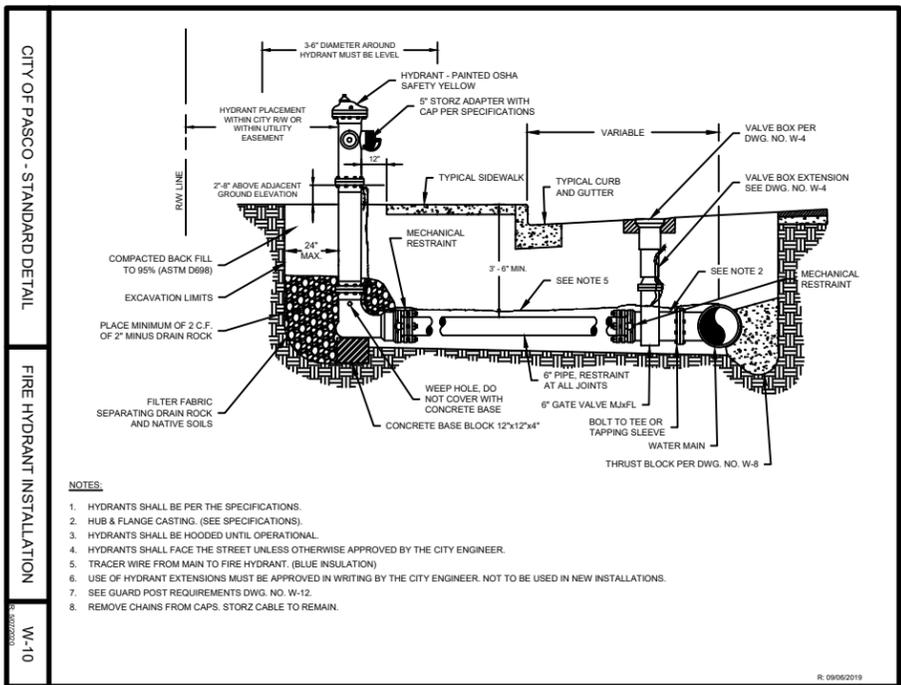
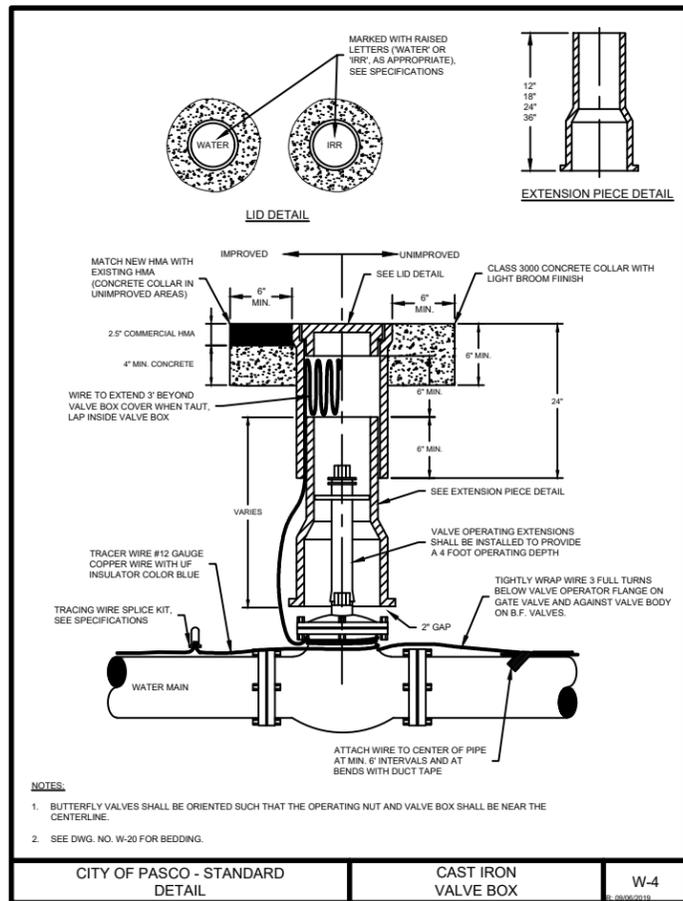
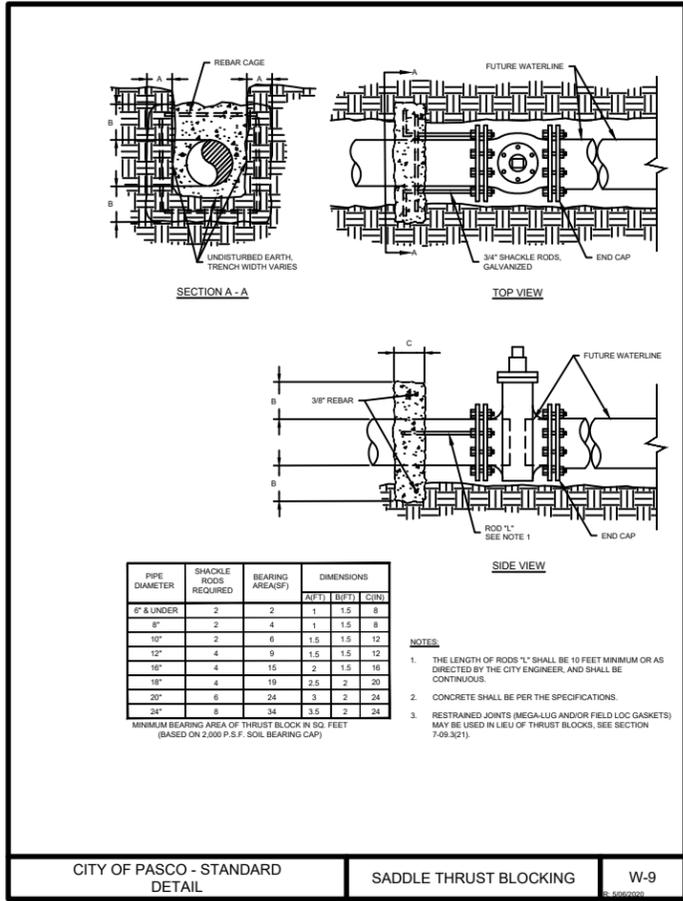
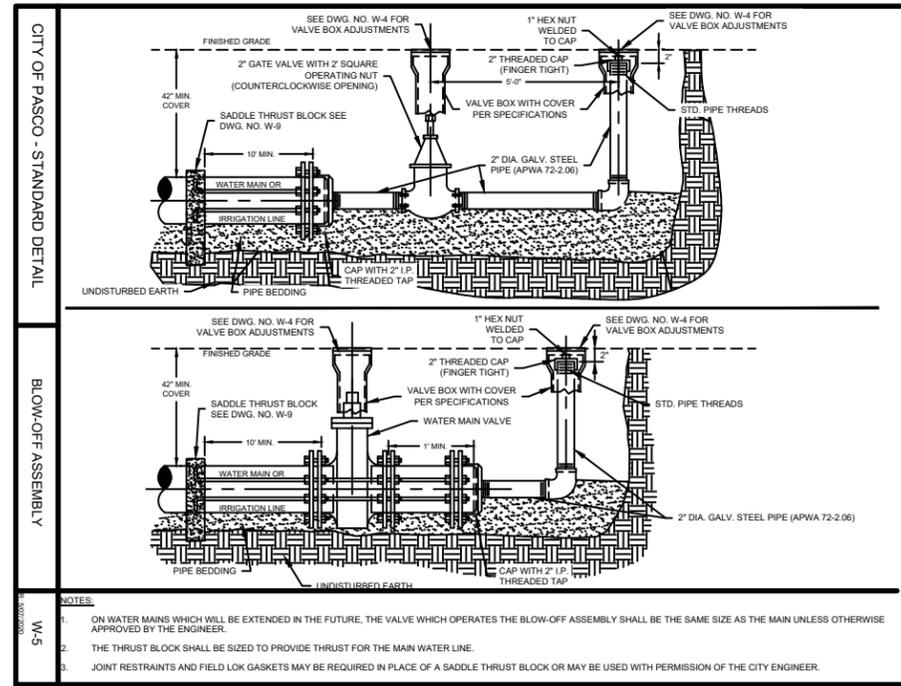
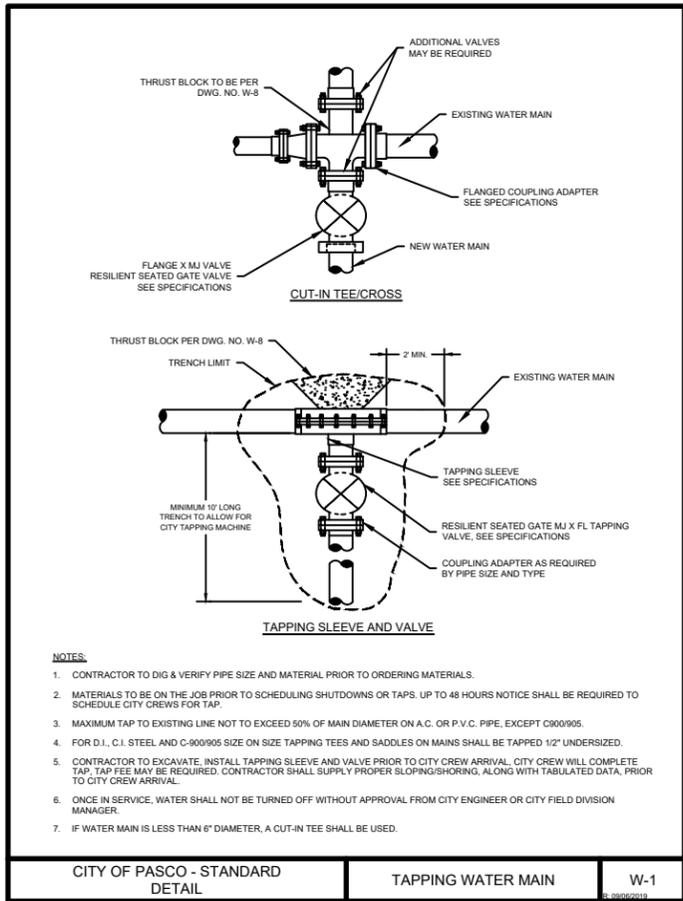
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HOR SCALE: NTS
VER SCALE: NTS



10

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OF



CITY OF PASCO
PUBLIC WORKS - CIVIL ENGINEERING
(509) 545-3444

REVISION

NO.	DESCRIPTION	BY	DATE

WRIGLEY DRIVE EXTENSION
PASCO, WASHINGTON

DETAIL SHEET

FEDERAL AID NO. STPUL-3552(001)

PARCEL # 116130028

CAD DWG: CONSTRUCTION
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