



**DEVELOPMENT SERVICES**  
ENGINEERING DIVISION  
156 S. BROADWAY, SUITE 150  
TURLOCK, CA 95380

PHONE: (209) 668-5520  
FAX: (209) 668-5563  
TDD: (800) 735-2929  
engineering@turlock.ca.us

**Date:** 04/18/2018

**City Project No.:** 17-30

**Addendum No.:** 3

Plan holders:

The following changes, clarifications, and notations shall be made to the project plans and specifications:

**CLARIFICATIONS:**

Phase 1 paveout sections shall be 6" HMA over 6" AB to existing elevation except for areas where the width is 1 foot or less. If the width is less than 1 foot, 6" HMA over native is acceptable.

Phase 2 will have 2.5" R-HMA over 3.5" HMA over 6" AB.

A pickup machine is acceptable in lieu of a Material Transfer Machine as specified by Caltrans Specifications.

The cost of bypass pumping or blocking shall be included in the cost of sewer pipe.

**PROJECT PLANS:**

**DEMOLITION SHEETS 27**

Please remove and replace the page listed above with the attached sheets.

**HMA OVERLAY/GRADING PLAN SHEETS 30-43**

Please remove and replace the pages listed above with the attached sheets.

**COMPOSITE UTILITY PLAN SHEETS 48-54**

Please remove and replace the pages listed above with the attached sheets.

**LIGHTING, SIGNAGE, AND STRIPING PLAN SHEETS 73-79**

Please remove and replace the pages listed above with the attached sheets.

**TRAFFIC SIGNAL PLAN SHEETS 80-85**

Please remove and replace the pages listed above with the attached sheets.

**N. SODERQUIST ROAD MEDIAN PLAN SHEET 94**

Please add the attached sheet to the plan set.

## **PROJECT SPECIFICATIONS:**

### **BIDDERS FORM**

Please remove and replace the original bidder's form with the attached bidder's form.

#### **10.26 STORM DRAIN PIPE**

The 12" and 15" storm drain pipe (Sheet 48) shall be Sanitite High Performance Polypropylene pipe, or approved equal.

#### **10.29 WATER SERVICE WITH BOX (RELOCATED)**

Contractor shall connect from the new globe valve to existing water service using a 2-bolt ROMAC Dressler Coupler, or approved equal.

#### **10.29 WATER SERVICE WITH BOX (NEW)**

Contractor shall connect from the new globe valve to an existing house line. Contractor shall install 1" PVC Schedule 80 for all underground lines and 1" galvanized pipe for all pipe above ground. All fittings shall be Schedule 80.

#### **10.30 WATER MAIN INSTALLATION**

The contract price paid for each water main installation shall be lump sum instead of linear feet.

#### **10.32 THRUST BLOCKS**

The contract price paid for Thrust Blocks shall be included in the cost of the bid item that may require a thrust block.

#### **10.44 ADJUST FRAMES AND COVERS (G5/WATER VALVE)**

Specifically included in this item is new G5 boxes for all existing and new valve covers. Contractor shall furnish, install, and raise to grade a new G5 box at each new and existing location.

#### **10.34 ELECTROLIER (RELOCATE)**

Relocated electroliers shall be installed using new 1" conduit and wires connected to existing #6 electrical box or new #6 electrical box. No wire splices shall be used in conduit runs. Specifically included in relocating electrolier is a new #6 "Electrical" Christy Box at the connection point and at the electrolier location, 1" conduit, and wire.

Each Ornamental relocated electrolier shall include a new globe.

#### **10.42 HOT MIX ASPHALT**

##### Payment

Hot mix asphalt will be subject to Payment Adjustments for Price Index Fluctuations per Caltrans Standard Specification 2015.

#### **10.43 RUBBERIZED HOT MIX ASPHALT**

##### Payment

Hot mix asphalt will be subject to Payment Adjustments for Price Index Fluctuations per Caltrans Standard Specification 2015.

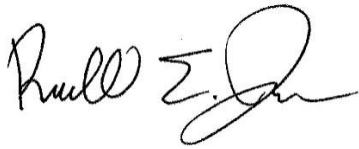
**10.51 PEDESTRIAN ACTIVATED SYSTEMS**

Contractor shall furnish and install an AC-Powered Rectangular Rapid Flashing Beacon (RRFB) Pedestrian Activated System via conduit and wire as shown on the plans. Please disregard the solar-powered system.

Specifically included in the cost of the Pedestrian Activated Systems is the conduit and electrical boxes.

If you have any questions, please call me at (209) 668-6021 or email at [RJones@turlock.ca.us](mailto:RJones@turlock.ca.us).

Sincerely,

A handwritten signature in black ink, appearing to read "Randall E. Jones". The signature is fluid and cursive, with the first name "Randall" and last name "Jones" being clearly legible, and "E." in the middle.

Randall Jones  
Assistant Engineer

## BIDDER'S FORM

**PROJECT TITLE:** West Main Corridor Rehabilitation

**PROJECT NUMBER:** 17-30      Measure L

**OPENING DATE:** Tuesday, April 24, 2018

**OPENING TIME:** 11:00 AM

Item No.	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Total
1	Mobilization and Demobilization	LS	1		
2	Construction Project Sign	EA	4		
3	Construction Area Signs	LS	1		
4	SWPPP	LS	1		
5	Caltrans Encroachment Permit	LS	1	\$10,000.00	\$10,000.00
6	Temporary Traffic Control	LS	1		
7	Remove Existing Improvements	LS	1		
8	Remove Existing Trees	LS	1		
9	Earthwork and Grading	LS	1		
10	Minor Concrete (Curb and Gutter - C-1)	LF	6,262		
11	Minor Concrete (Sidewalk and Flatwork)	SF	22,098		
12	Minor Concrete ( Residential Driveway Approach - C-5)	SF	5,682		
13	Minor Concrete (Commercial Driveway Approach - C-9)	SF	2		
14	Minor Concrete (6" Vertical Curb/Median Curb)	LF	6,556		
15	Minor Concrete (Pedestrian Refuge Island)	LS	1		
16	Minor Concrete (Median Refuge Island)	LS	1		
17	Curb Ramps (Labor)	EA	70		
18	Wrought Iron Fence (4')	LF	456		
19	Pothole Existing Utilites	LS	1		
20	Shoring and Sheeting	LS	1		
21	Sanitary Sewer Manhole (48")	EA	29		
22	Sanitary Sewer Lateral (4") and Cleanout	EA	49		
23	Sanitary Sewer Pipe (8" PVC)	LF	3,331		
24	Sanitary Sewer Pipe (21" PVC)	LF	1,524		
25	Storm Drain Catch Basin	EA	38		
26	Storm Drain Manhole (48")	EA	29		
27	Storm Drain Pipe (12" Polypropylene)	LF	160		
28	Storm Drain Pipe (15" Polypropylene)	LF	170		
29	Storm Drain Pipe (18" PVC)	LF	3,193		
30	Storm Drain Pipe (24" PVC)	LF	924		



31	Water Main Connections	EA	10		
32	Water Service (Relocated)	EA	22		
33	Water Service with Box (New)	EA	22		
34	Water Main Installation (Orange Street)	LS	1		
35	Water Main Installation (Beech Street)	LS	1		
36	Water Main Installation (Grant Avenue)	LS	1		
37	Water Main Installation (Farr Street)	LS	1		
38	Fire Hydrant Assembly Installation	EA	16		
39	Install Standard Electrolier (E-2)	EA	3		
0	Install Ornamental Electrolier (E-4)	EA	3		
40	Relocate Electrolier (Ornamental)	EA	14		
41	Relocate Electrolier (Standard)	EA	3		
42	Relamp Existing Electrolier	EA	25		
43	Pedestrian Activated Systems	LS	1		
44	Pavement Grind (Cold Plane Method)	SY	37,134		
45	Aggregate Base	CY	2,954		
46	HMA	TN	3,894		
47	RHMA-G	TN	7,363		
48	Temporary Pavement Striping and Markings	LS	1		
49	Adjust Frames and Covers to Grade (G5)	EA	158		
50	Adjust Frames and Covers to Grade (Manhole)	EA	88		
51	Adjust Frames and Covers to Grade (Vault)	EA	1		
52	Monumenet Well	EA	12		
53	Pamrex Manhole Lid	EA	4		
54	Thermoplastic Pavement Striping (Crosswalk White)	SF	8,196		
55	Thermoplastic Pavement Striping (Crosswalk Yellow)	SF	4,395		
56	Thermoplastic Pavement Striping (8" Yellow )	LF	1,002		
57	Thermoplastic Pavement Striping (Stop Bar 12" White)	LF	730		
58	Thermoplastic Pavement Markings	SF	1,634		
59	Pavement Markers (Type BB)	EA	41		
60	Thermoplastic Striping - Detail 10	LF	7,701		

61	Thermoplastic Striping - Detail 23	LF	4,447		
62	Thermoplastic Striping - Detail 24	LF	142		
63	Thermoplastic Striping - Detail 26	LF	5,353		
64	Thermoplastic Striping - Detail 27B	LF	289		
65	Thermoplastic Striping - Detail 33	LF	819		
66	Thermoplastic Striping - Detail 37B	LF	753		
67	Thermoplastic Striping - Detail 38	LF	2,369		
68	Thermoplastic Striping - Detail 38A	LF	100		
69	Thermoplastic Striping - Detail 39	LF	561		
70	Thermoplastic Striping - Detail 40A	LF	103		
71	Thermoplastic Striping - Detail 41A	LF	223		
72	Delineators	LF	520		
73	Paint Red Curb	LF	720		
74	Install Roadside Sign (D9-2 and M6-1) and Post	EA	1		
75	Install Roadside Sign (R1-1)	EA	1		
76	Install Roadside Sign (R1-1) and Post	EA	7		
77	Install Roadside Sign (R1-1 and W4-4P) and Post	EA	4		
78	Install Roadside Sign (R1-2) and Post	EA	1		
79	Install Roadside Sign (R1-5 (CA))	EA	2		
80	Install Roadside Sign (R1-5 (CA)) and Post	EA	14		
81	Install Roadside Sign (R2-1 '30' AND R5-2) and Post	EA	1		
82	Install Roadside Sign (R2-1 '35')	EA	2		
83	Install Roadside Sign (R3-1)	EA	1		
84	Install Roadside Sign (R3-7 (CA)) and Post	EA	2		
85	Install Roadside Sign (R4-7C and K-1 (CA)) and Post	EA	6		
86	Install Roadside Sign (R4-7C, K-1 (CA) and R3-4) and Post	EA	2		
87	Install Roadside Sign (R5-2)	EA	1		
88	Install Roadside Sign (R5-2) and Post	EA	1		
89	Install Roadside Sign (R6-1) and Post	EA	7		
90	Install Roadside Sign (R9-3 with R9-3BP) and Post	EA	1		

91	Install Roadside Sign (R14-1 and M6-1) and Post	EA	1		
92	Install Roadside Sign (R26 (CA))	EA	9		
93	Install Roadside Sign (R26 (CA)) and Post	EA	7		
94	Install Roadside Sign (R81 (CA)) and Post	EA	1		
95	Install Roadside Sign (W8-6) and Post	EA	4		
96	Install Roadside Sign (W11-2 with W16-7P) and Post	EA	16		
97	Install Roadside Sign (W11-2 with W16-9P)	EA	1		
98	Install Roadside Sign (W11-2 with W16-9P) and Post	EA	7		
99	Install Roadside Sign (W73A (CA)) and Post	EA	1		
100	Install Roadside Sign (W74 (CA)) and Post	EA	2		
101	Install Roadside Sign (SW24-3 (CA)) and Post	EA	2		
102	Install Roadside Sign (SW24-3 (CA))	EA	2		
103	Remove and Replace Street Name Sign and Post	EA	14		
104	Landscape (Rubberized Bark)	LS	1		
105	Landscape (Median Grading and Topsoil)	LS	1		
106	Landscape (Weed Barrier Fabric)	LS	1		
107	Traffic Signal Detector System (Walnut Intersection)	LS	1		
108	Traffic Signal Detector System (HW 99 Intersections)	LS	1		
109	Traffic Signal Detector System (Tully Intersection)	LS	1		
110	Traffic Signal Detector System (Soderquist Intersection)	LS	1		
111	Traffic Signal Detector System (West Avenue Intersection)	LS	1		
112	Traffic Signal Detector System (Lander Intersection)	LS	1		
Subtotal =					

Bidder has examined and carefully studied the Bidding documents and other related data identified in the Bidding Documents and the following Addenda, receipt of which is hereby acknowledged

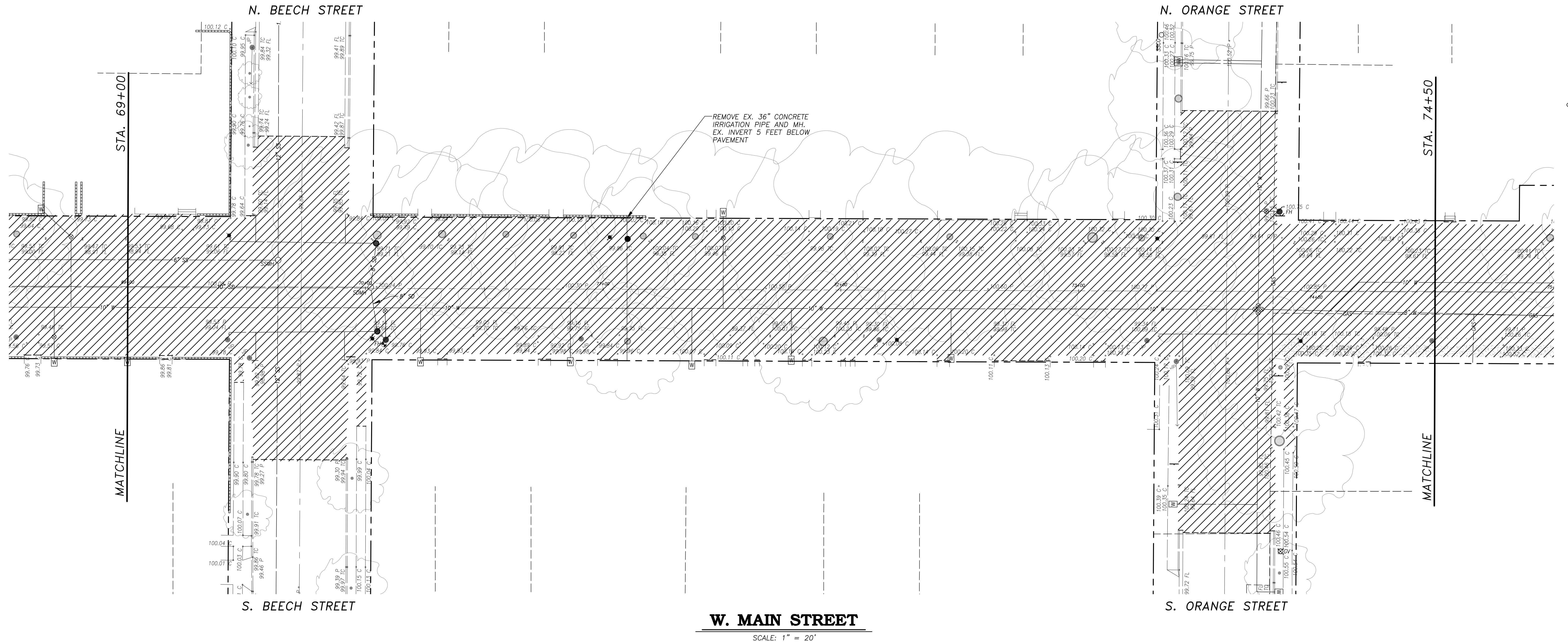
ADDENDA

No. _____	Date _____	Signed _____
No. _____	Date _____	Signed _____
No. _____	Date _____	Signed _____
No. _____	Date _____	Signed _____
No. _____	Date _____	Signed _____

TOTAL BID WRITTEN IN FIGURES: \$ \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ . \_\_\_\_\_

TOTAL BID WRITTEN IN WORDS: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_



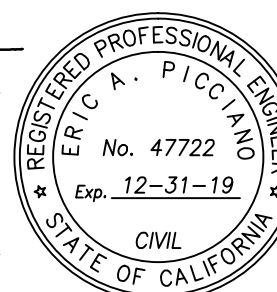
NOTES:

1. CONTRACTOR SHALL REMOVE ALL STRIPING, PAVEMENT LEGENDS AND RAISED PAVEMENT MARKERS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL MATERIALS.
3. PROTECT AND PRESERVE ALL MONUMENTS AND UTILITIES, UNLESS NOTED OTHERWISE
4. CONTRACTOR SHALL REMOVE ALL COLD MIX ASPHALT AND FILL VOIDS WITH HMA PRIOR TO PLACING RHMA-G OVERLAY.



NOTE:  
ALL REFERENCES AND WRITTEN DIMENSIONS SHALL SUPERCEDE ALL SCALED DISTANCES AND SHALL BE VERIFIED IN THE FIELD. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.

*Eric A. Picciano*  
ERIC A. PICCIANO, P.E.  
INTERIM DEVELOPMENT SERVICES  
DIRECTOR/CITY ENGINEER  
3-19-18  
PLANS APPROVAL DATE



*Nathan B. Bray*  
NATHAN B. BRAY, P.E.  
PRINCIPAL CIVIL ENGINEER  
DATE: 3/19/18



CITY OF TURLOCK  
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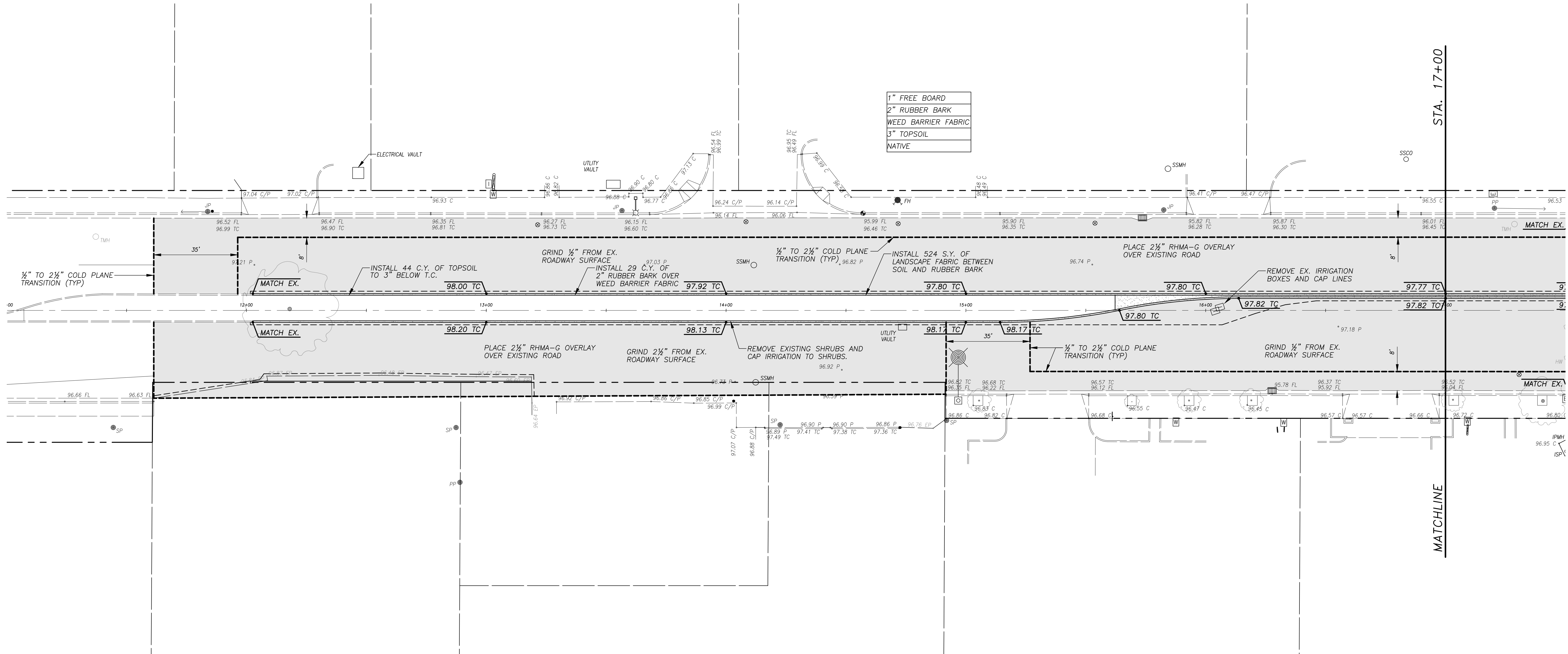
**DEMOLITION PLAN**  
WEST MAIN STREET ~ STA. 69+00 TO STA. 74+50  
CAPITAL PROJECT NO. 17-30  
**W. MAIN STREET CORRIDOR REHABILITATION  
BETWEEN KILROY ROAD AND LANDER AVENUE**

VERIFY SCALE  
BAR IS 1" ON ORIGINAL DRAWING  
1/4" 3/4" 1"  
1/2"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

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CH. BY: REJ  
DATE: MAR. 20, 2017  
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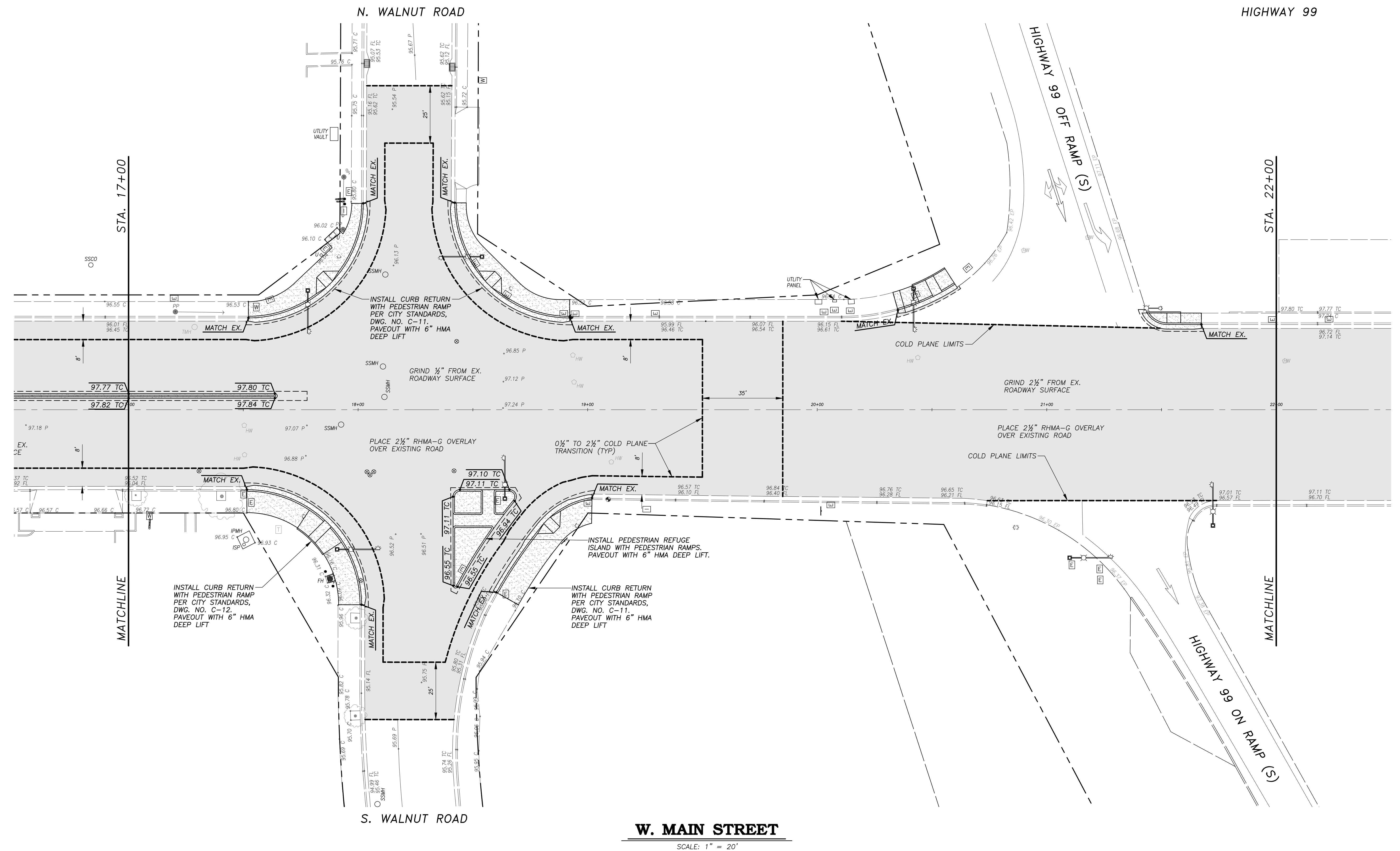
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**W. MAIN STREET**

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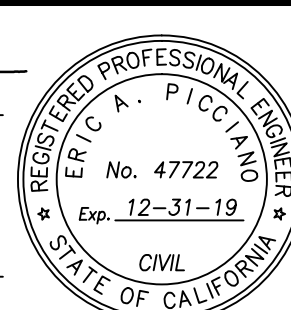
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**HMA OVERLAY PLAN**  
WEST MAIN STREET ~ STA. 17+00 TO STA. 22+00  
**CAPITAL PROJECT NO. 17-30**  
**W. MAIN STREET CORRIDOR REHABILITATION**  
**BETWEEN KILROY ROAD AND LANDER AVENUE**

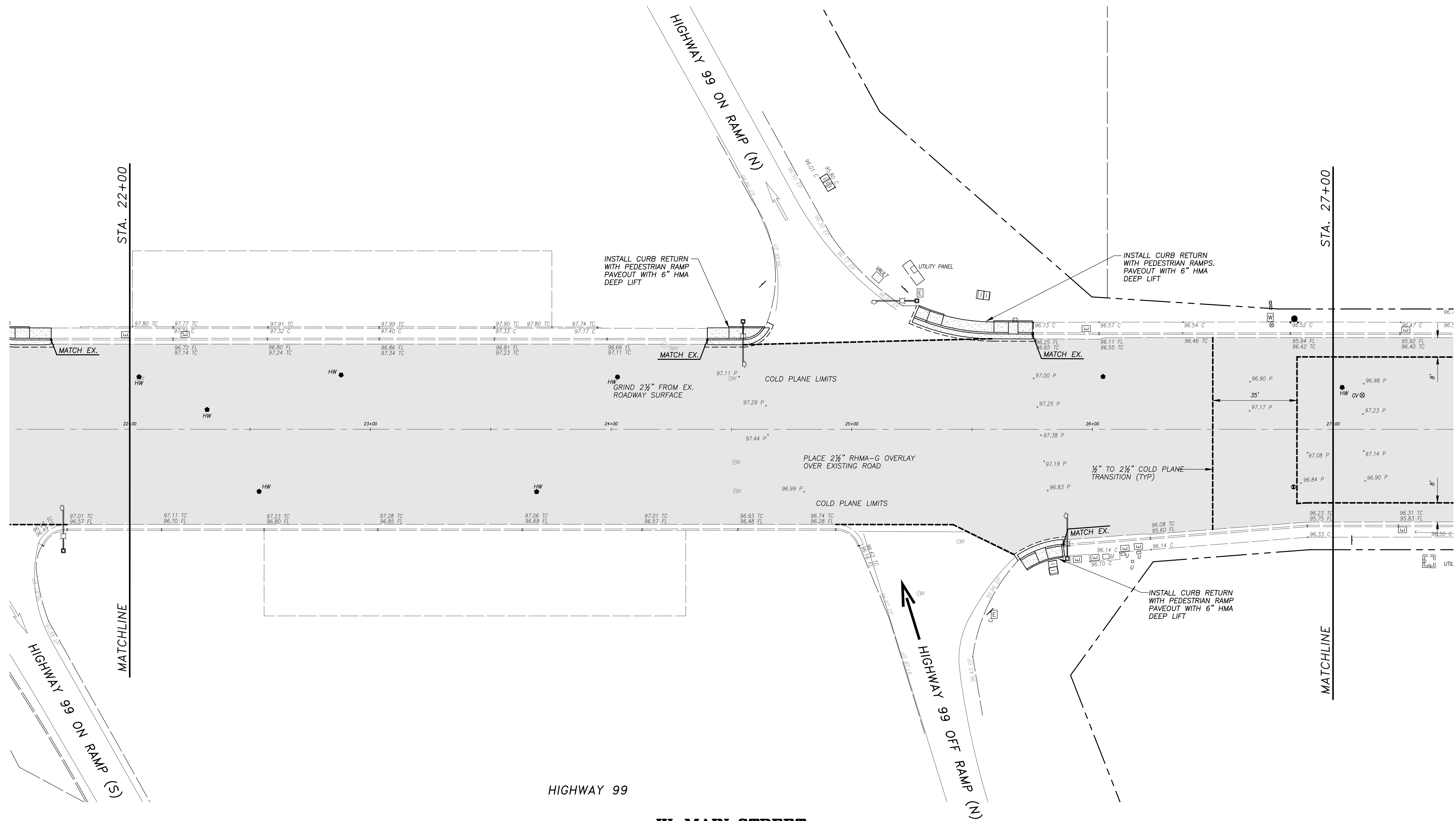
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HIGHWAY 99



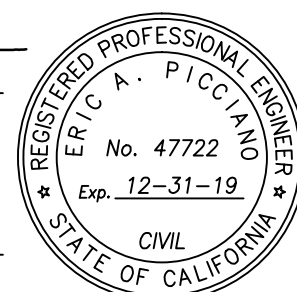
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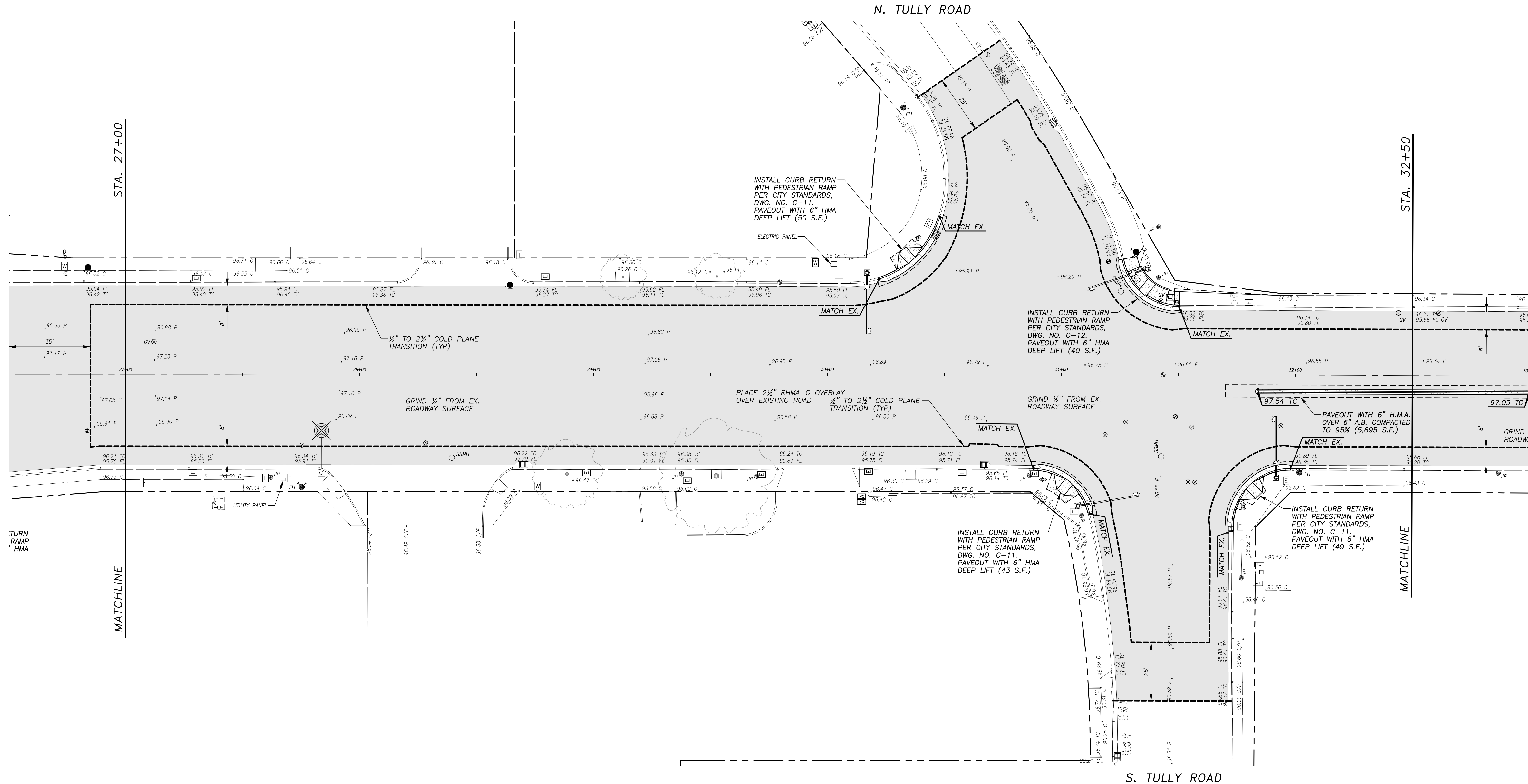
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OF



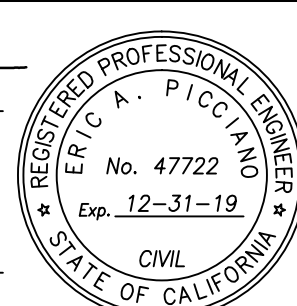
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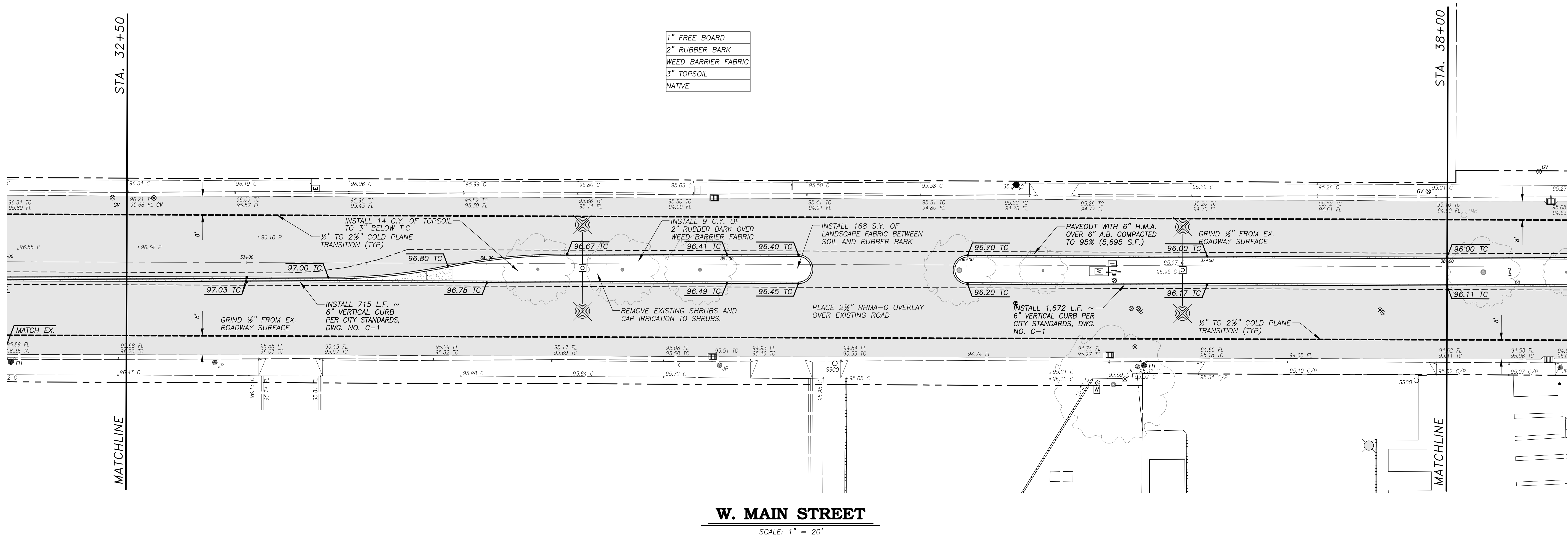
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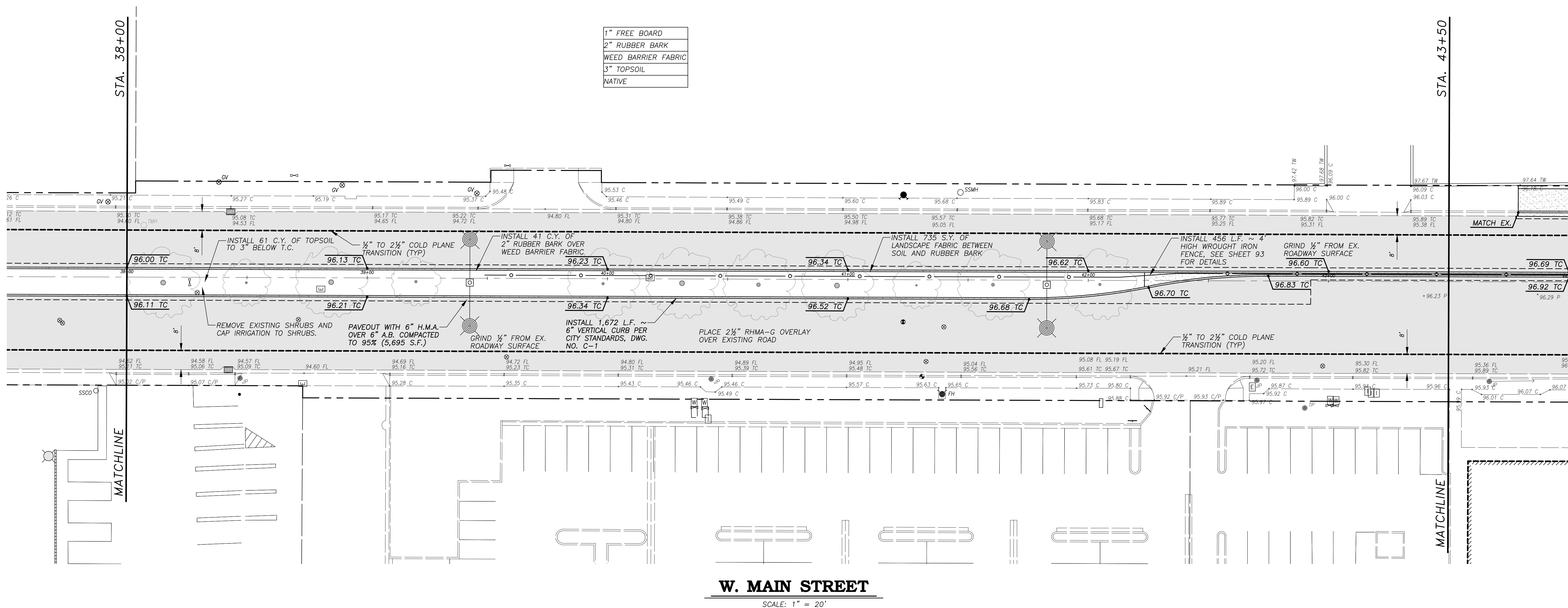
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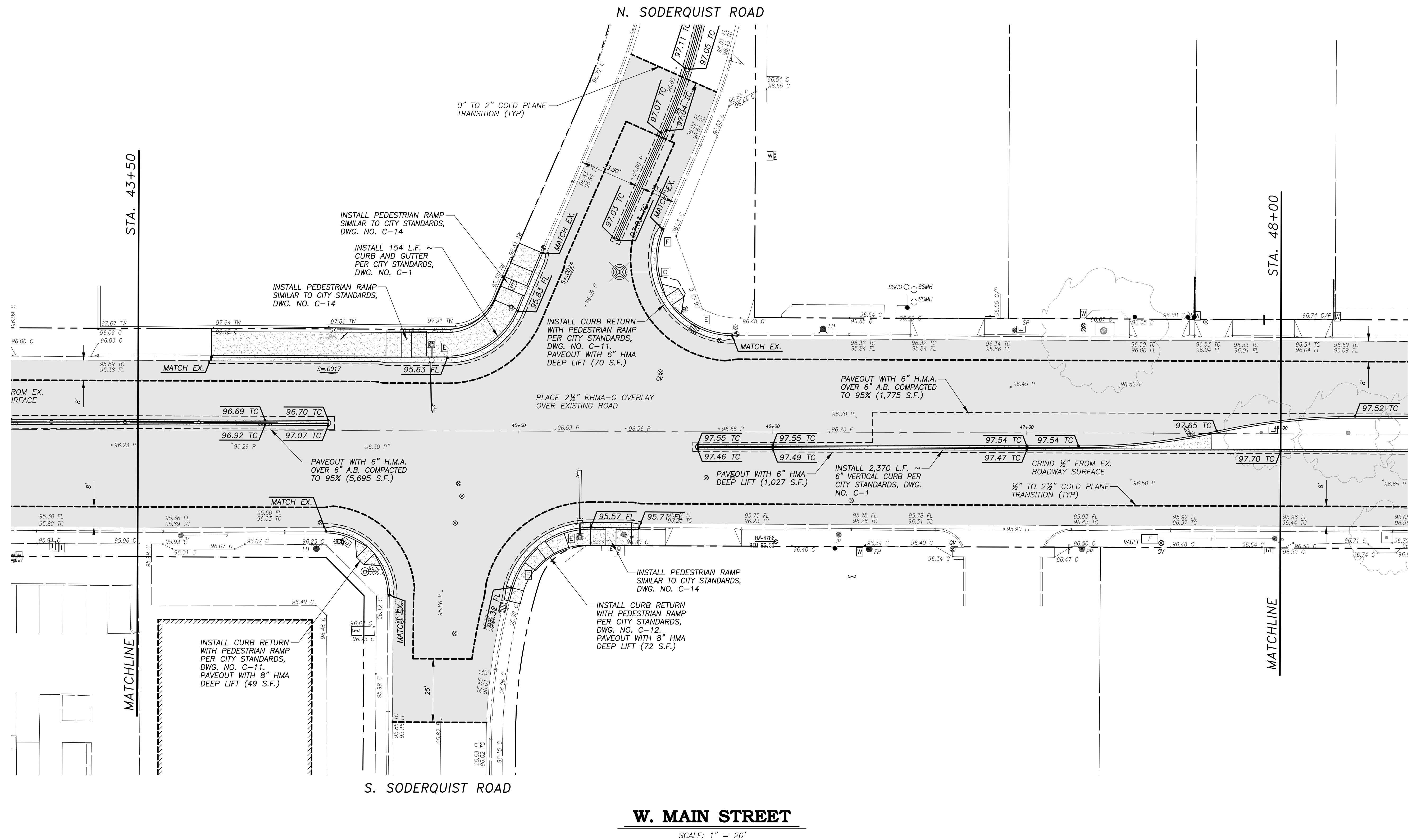
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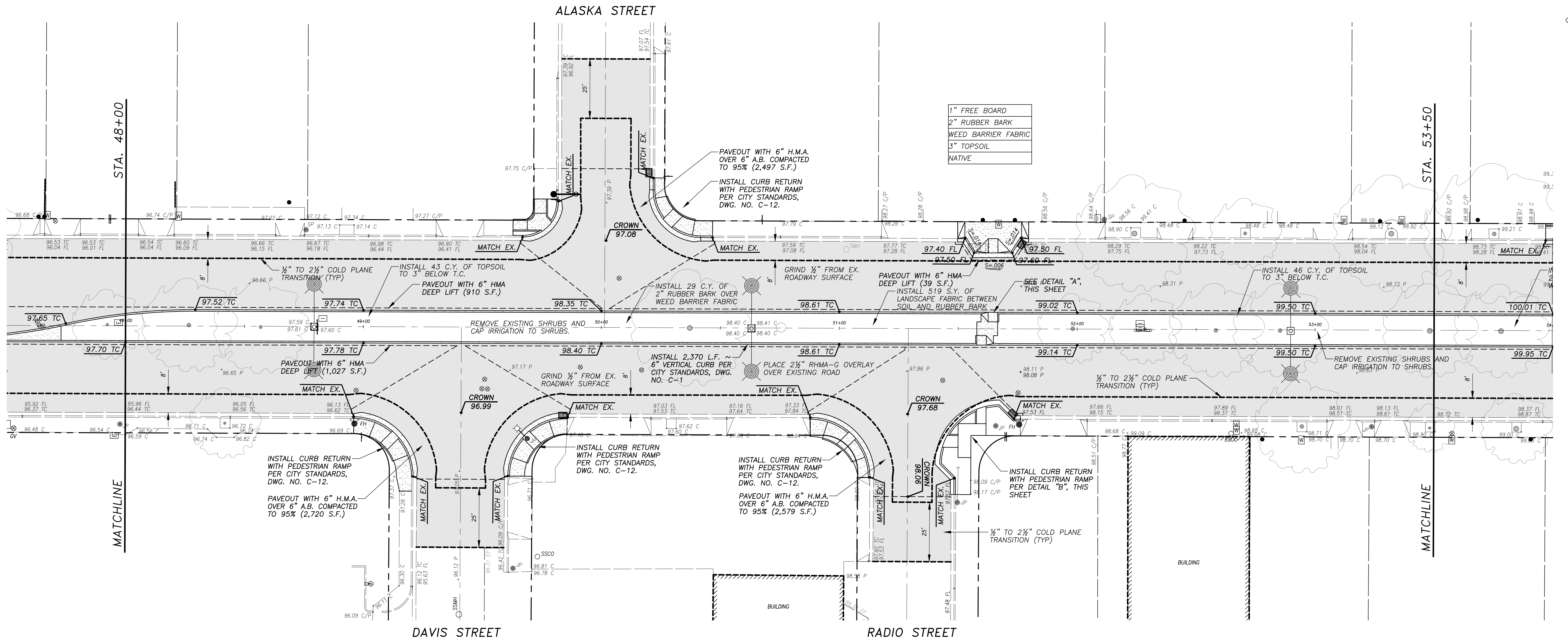




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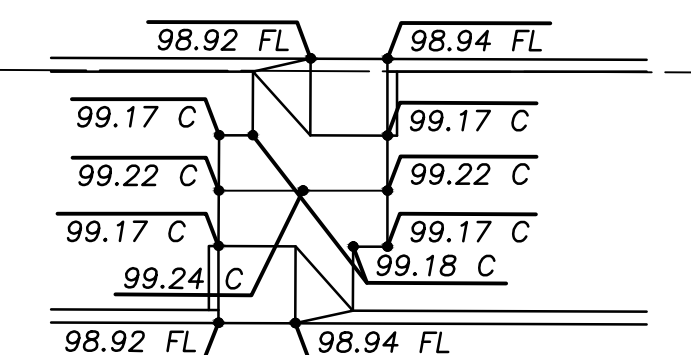
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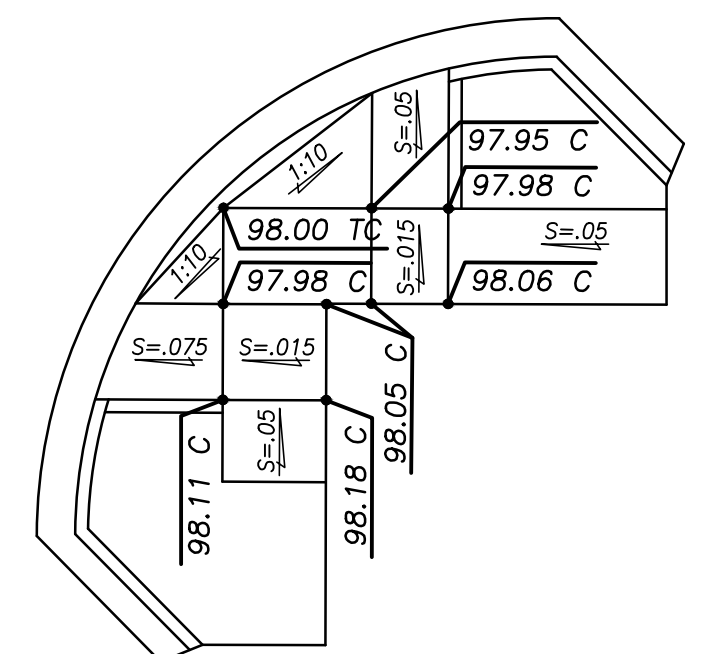
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### DETAIL "A"

SCALE: NONE



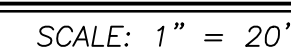
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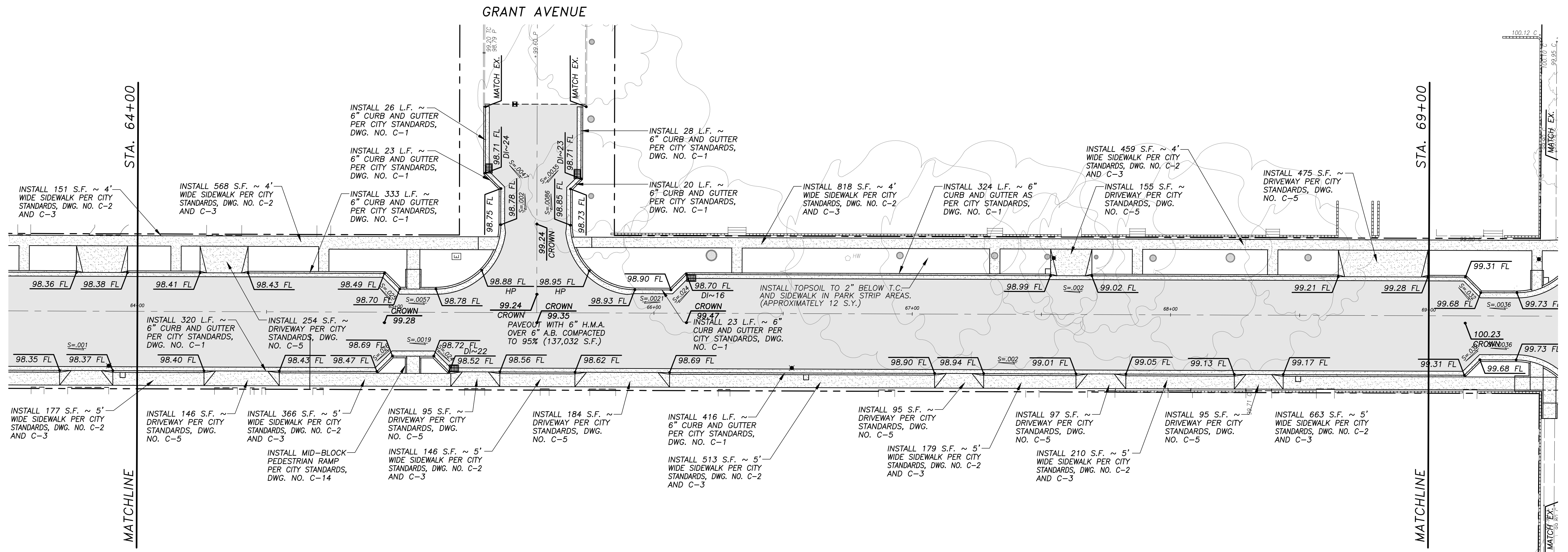




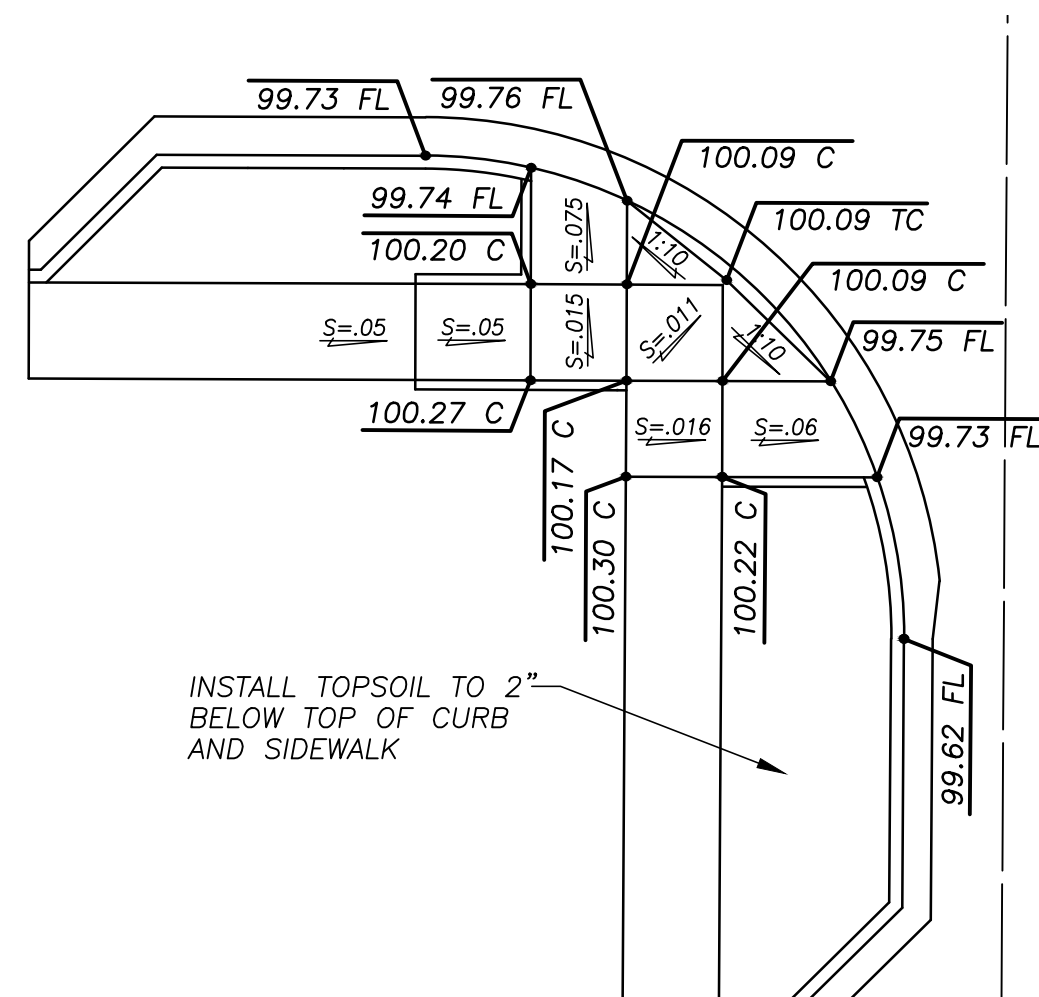
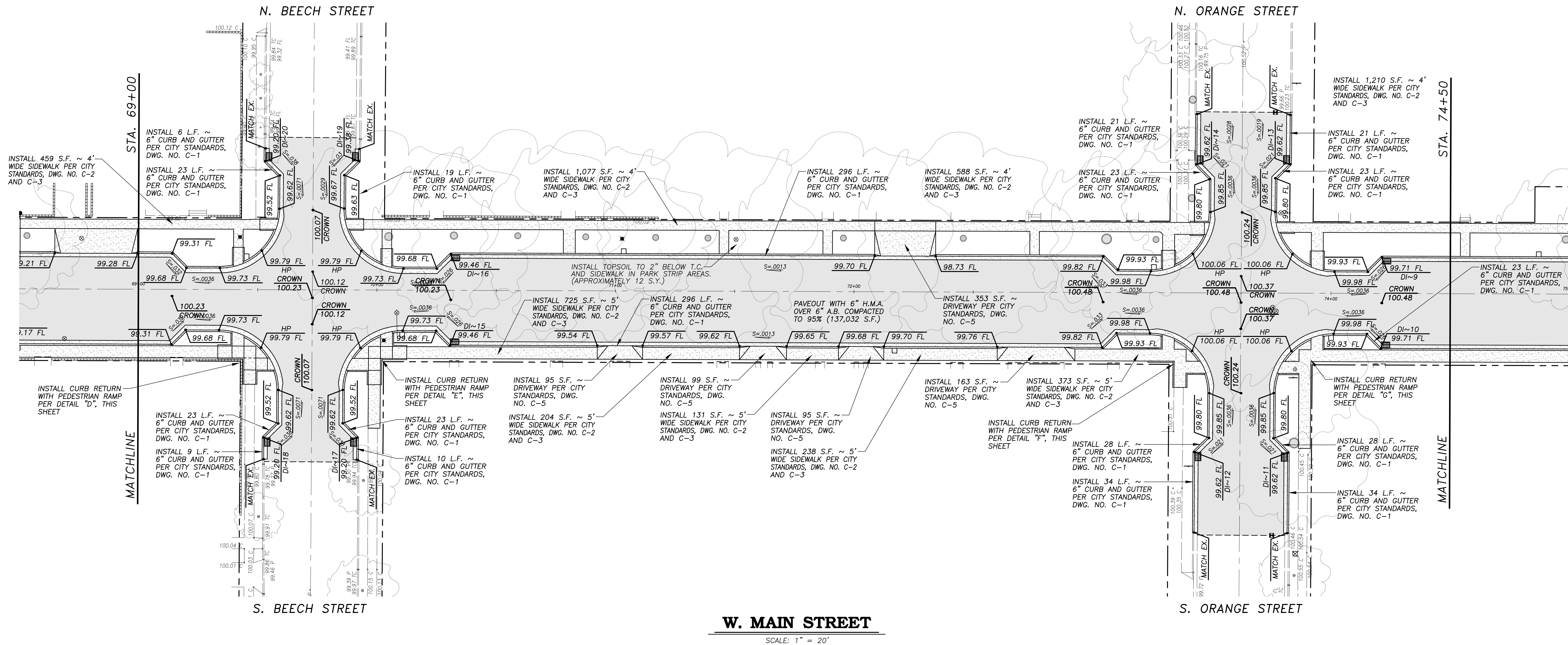




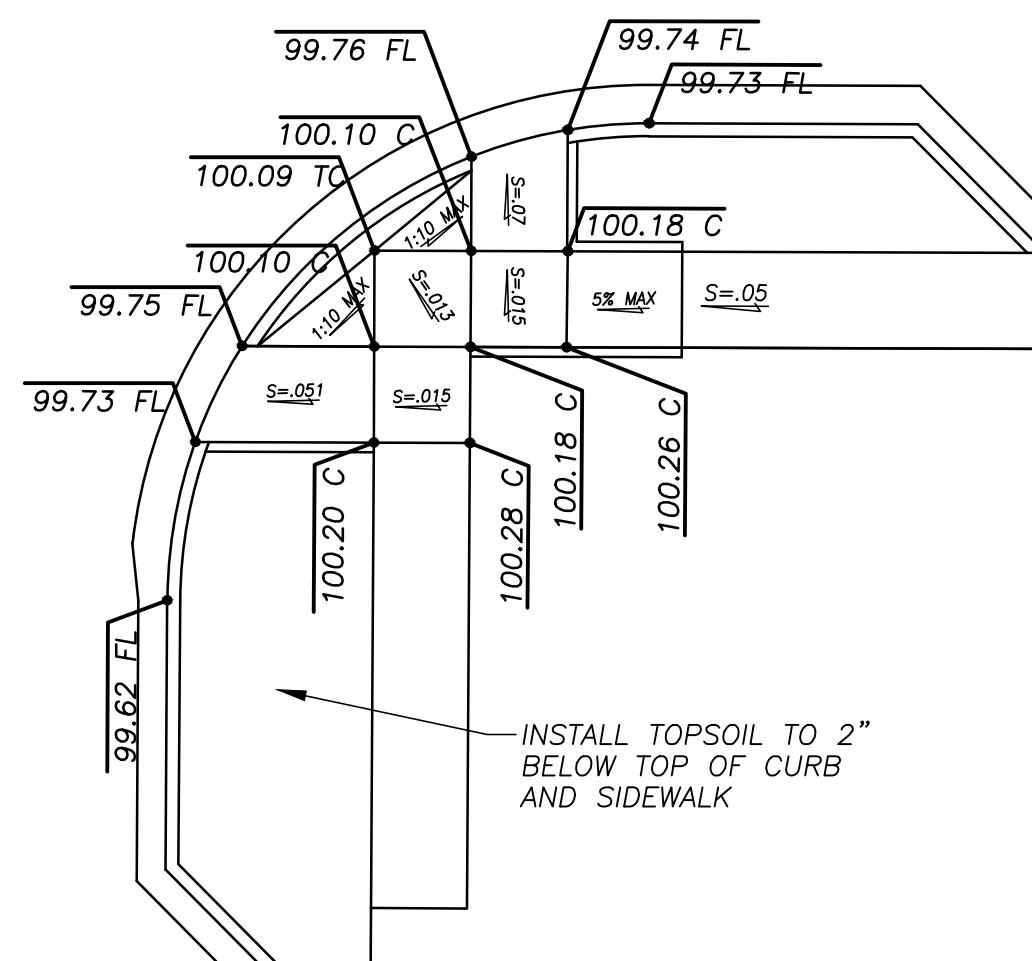




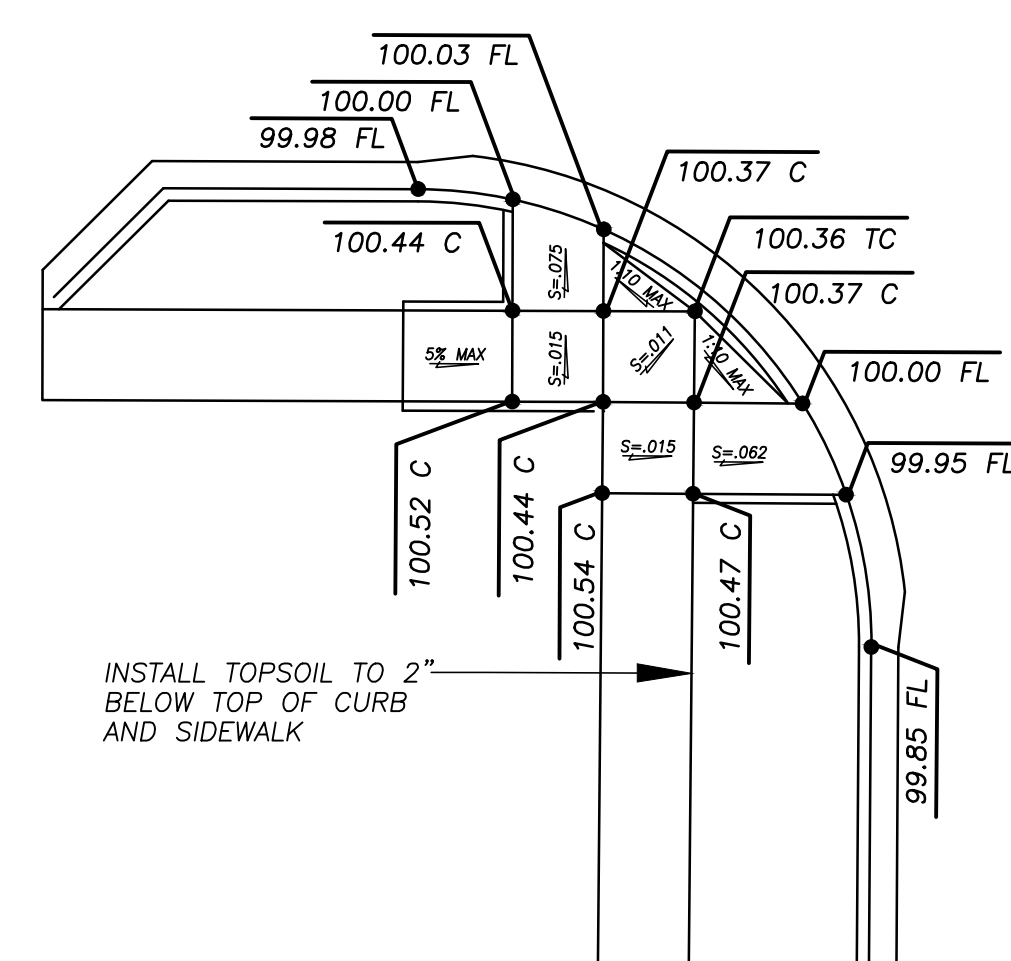




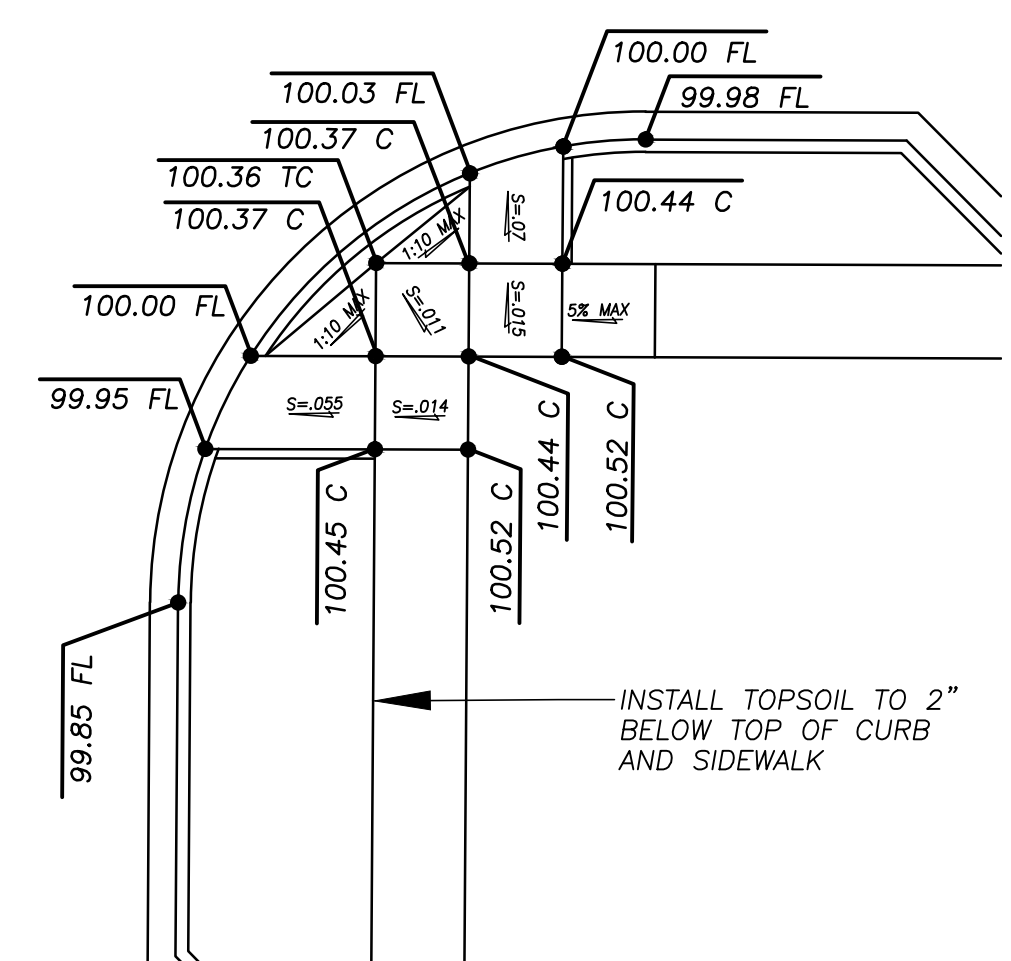
**DETAIL "D"**  
SCALE: NONE



**DETAIL "E"**  
SCALE: NONE



**DETAIL "F"**  
SCALE: NONE

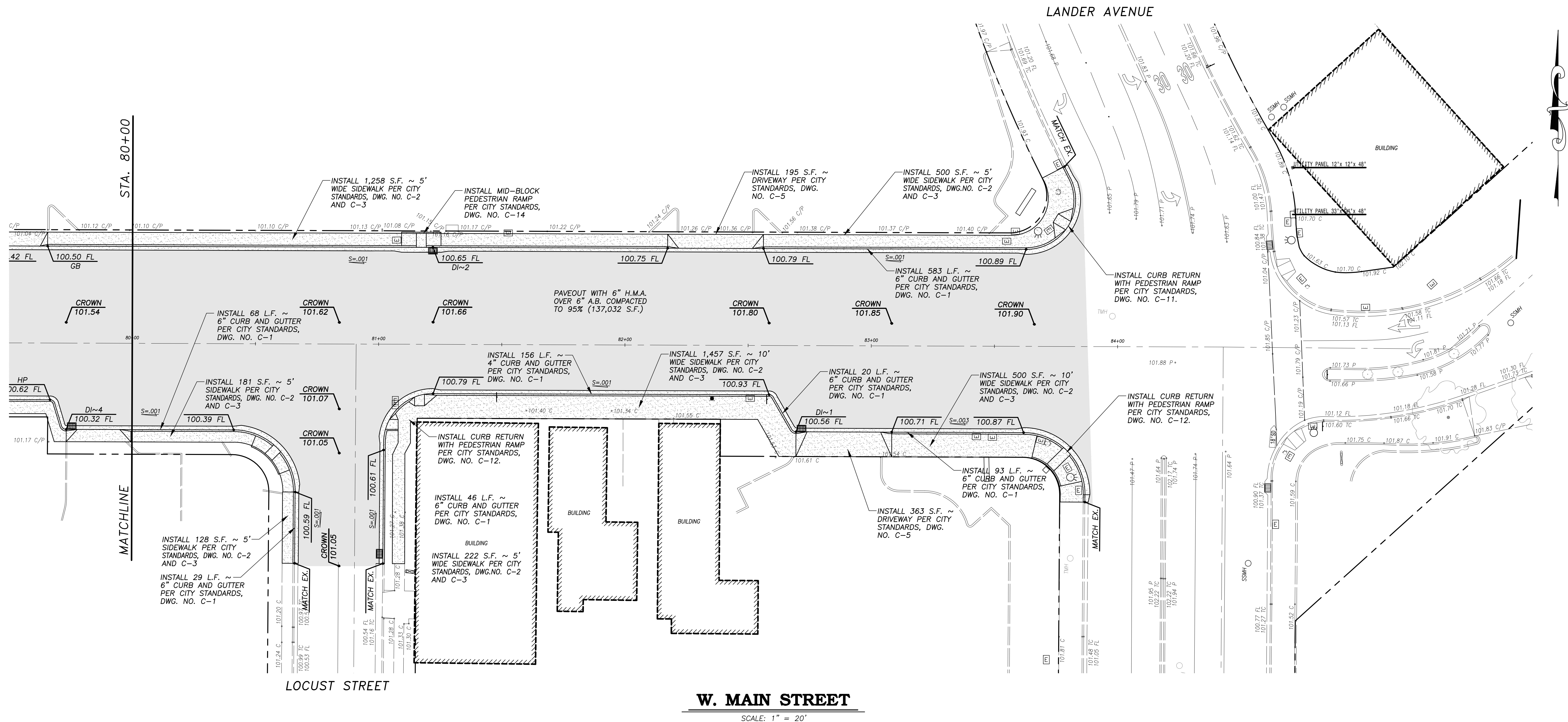


**DETAIL "G"**  
SCALE: NONE









# W. MAIN STREET

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PLANS APPROVAL DATE



*Nathan B. Bray*  
NATHAN B. BRAY, P.E.  
PRINCIPAL CIVIL ENGINEER  
3-19-18  
DATE: 3/19/18



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

GRADING AND DRAINAGE PLAN ~ PHASE 2  
WEST MAIN STREET ~ STA. 80+00 TO END  
CAPITAL PROJECT NO. 17-30  
W. MAIN STREET CORRIDOR REHABILITATION  
BETWEEN KILROY ROAD AND LANDER AVENUE

VERIFY SCALE  
BAR IS 1" ON  
ORIGINAL DRAWING  
1/4" 3/4" 1"  
0 1/2"  
IF NOT ONE INCH ON  
THIS SHEET, ADJUST  
SCALES ACCORDINGLY

DRAWN BY: JSH  
REV. BY: --  
CH. BY: REJ  
DATE: MAR. 20, 2017  
SCALE: 1" = 20'  
17-30 BASE.dwg

SHEET  
43  
OF

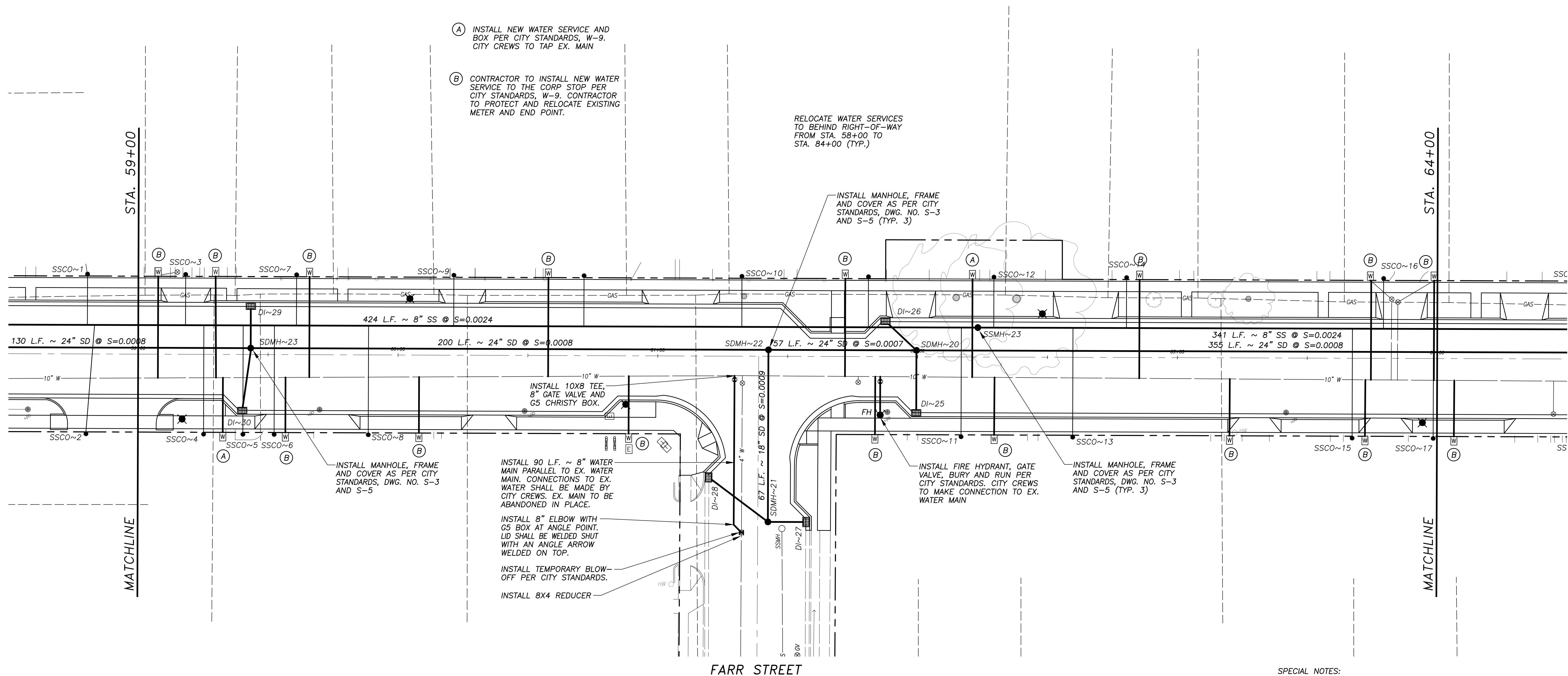






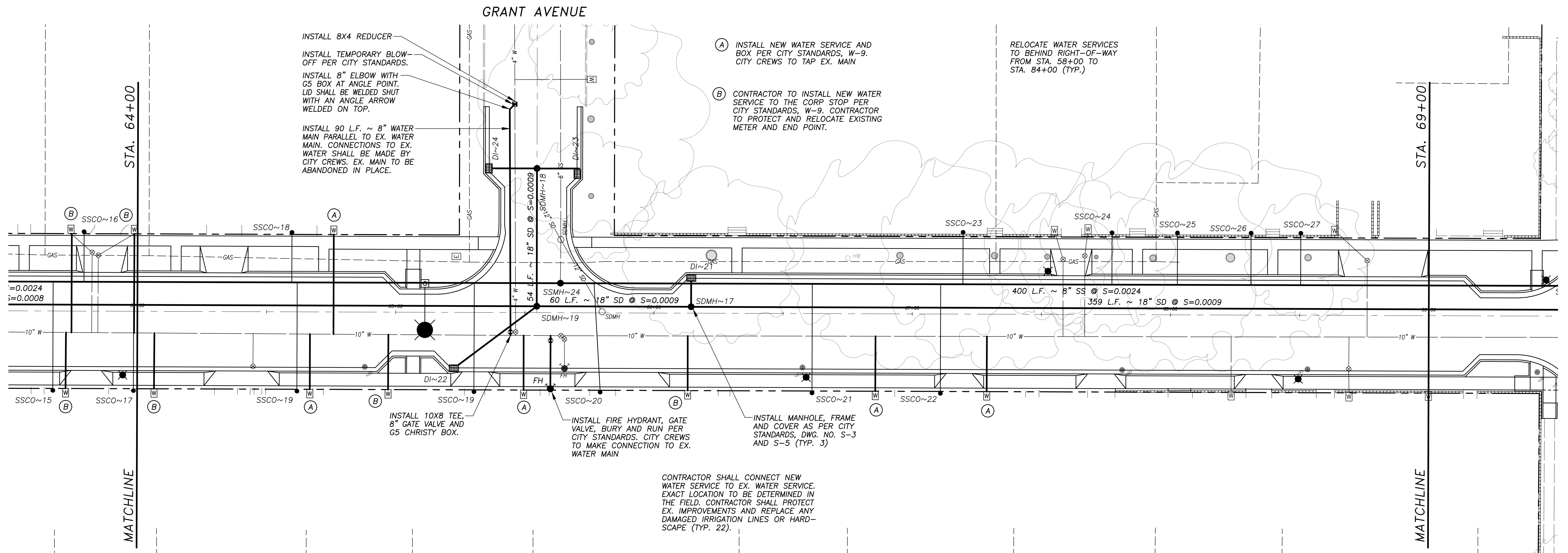






- SPECIAL NOTES:**
- CONTRACTOR SHALL INSTALL ALL SERVICES.
  - REMOVE ALL ABANDONED LINE VALVES.
  - CONTRACTOR SHALL HAVE TRAFFIC CONTROL AT ALL TIME DURING CONSTRUCTION. IN CASE OF CROSSING STREET IN WIDTH, CONTRACTOR SHALL KEEP BOTH TRAVEL DIRECTION OPEN.
  - REPAIR ALL TRENCH PER CITY STANDARD. USE DETAIL T-2 FOR REPAIR WITHIN LIMITS.
  - CONTRACTOR SHALL COMPLY WITH ALL REQUIRED TESTING PER CITY STANDARDS.
  - WATERLINE SHALL BE C-900 AND CONFORM TO ALL PROVISIONS OF SECTION 15, "WATER SYSTEM."
  - EXISTING SERVICE SHALL NOT BE INTERRUPTED UNLESS OTHERWISE APPROVED BY CITY ENGINEER.
  - PROVIDE THRUST BLOCKS PER CITY STANDARD AT EVERY BEND, BURY, TEE, DEAD-END AND CROSSES PER W-4.
  - TIE WATER SERVICES TO NEW LINE AFTER COMPLETION AND APPROVAL OF INSTALLATION / TESTING.
  - WATER VALVES SHALL BE GATE AND BUTTERFLY TYPES. PROVIDE GRIP RINGS ON MECHANICAL JOINT FITTINGS, CHANGE OF DIRECTION, CAP END AND VALVE. AS NECESSARY.
  - CONTRACTOR SHALL ASSIST IN REMOVING VALVES AND INSTALLING BLIND FLANGES
  - AFTER NEW LINE HAS PASSED ALL TESTING, CONTRACTOR SHALL ASSIST IN TYING IN NEW LINE. CONTRACTOR SHALL ABANDON EX. MAIN IN PLACE, POUR KICKERS AND PROVIDE ALL MATERIALS



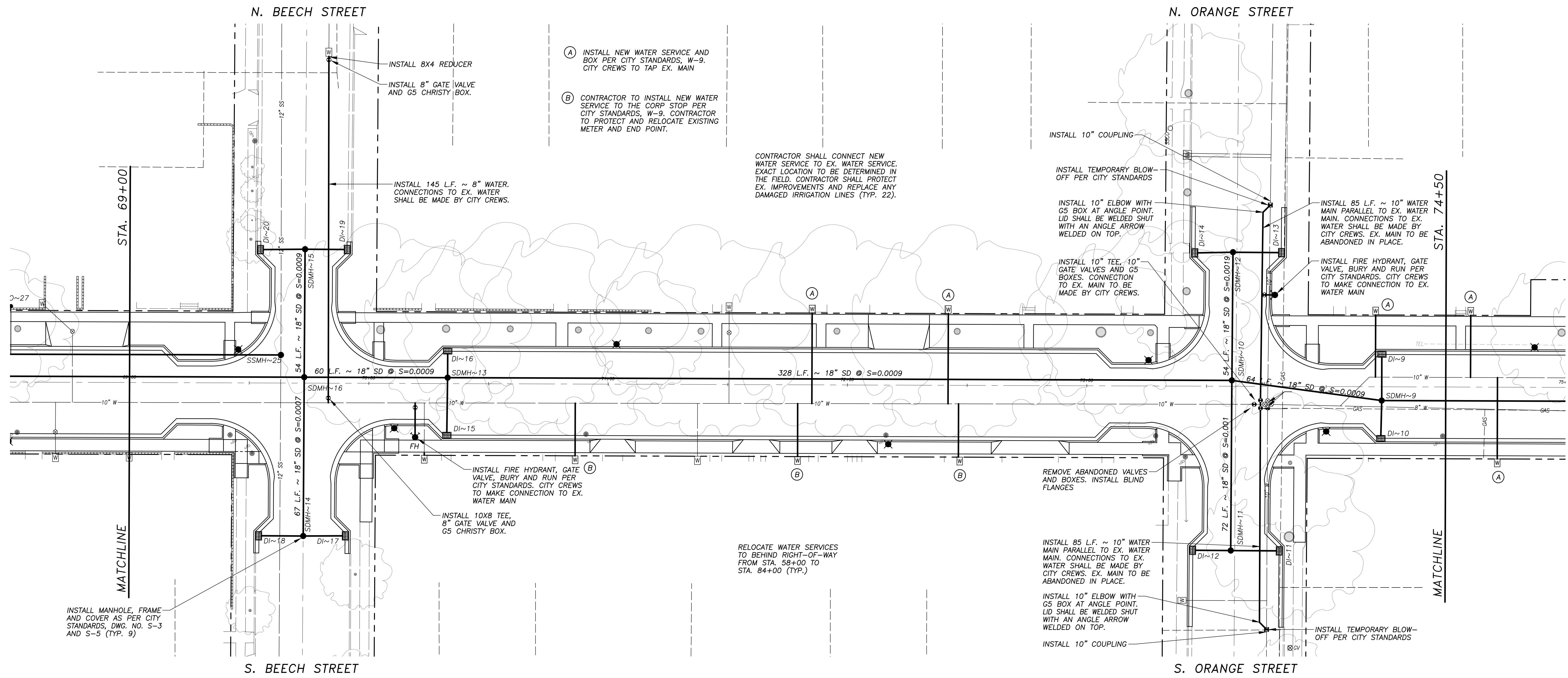


## W. MAIN STREET

SCALE: 1" = 20'

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**W. MAIN STREET**

SCALE: 1" = 20'



NOTE:  
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*Eric A. Picciano*  
ERIC A. PICCIANO, P.E.  
INTERIM DEVELOPMENT SERVICES  
DIRECTOR/CITY ENGINEER  
3-19-18  
PLANS APPROVAL DATE

*Nathan B. Bray*  
NATHAN B. BRAY, P.E.  
PRINCIPAL CIVIL ENGINEER  
DATE: 3/19/18

CITY OF TURLOCK  
DEVELOPMENT SERVICES  
ENGINEERING DIVISION  
156 S. BROADWAY, STE 150  
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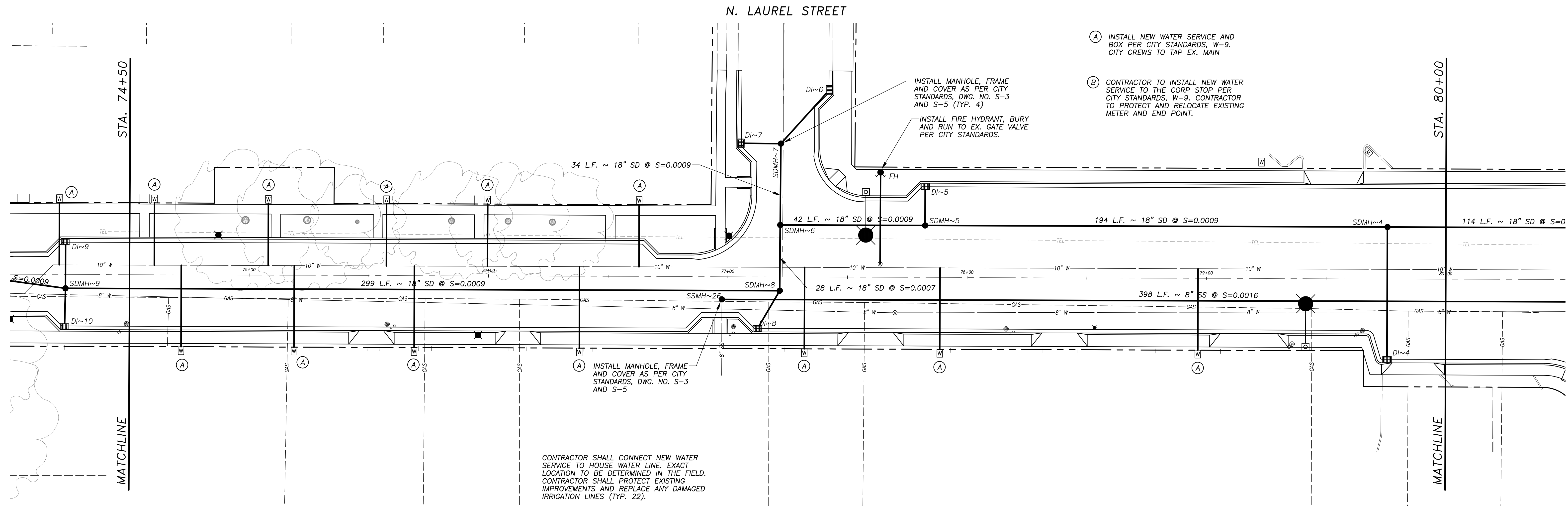
**COMPOSITE UTILITY PLAN**  
WEST MAIN STREET ~ STA. 69+00 TO STA. 74+50  
**CAPITAL PROJECT NO. 17-30**  
**W. MAIN STREET CORRIDOR REHABILITATION**  
**BETWEEN KILROY ROAD AND LANDER AVENUE**

VERIFY SCALE  
BAR IS 1" ON ORIGINAL DRAWING  
1/4" 3/4" 1"  
0 1/2"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWN BY: JSH  
REV. BY: --  
CH. BY: REJ  
DATE: MAR. 20, 2017  
SCALE: 1" = 20'  
17-30 BASE.dwg

SHEET  
**52**  
OF



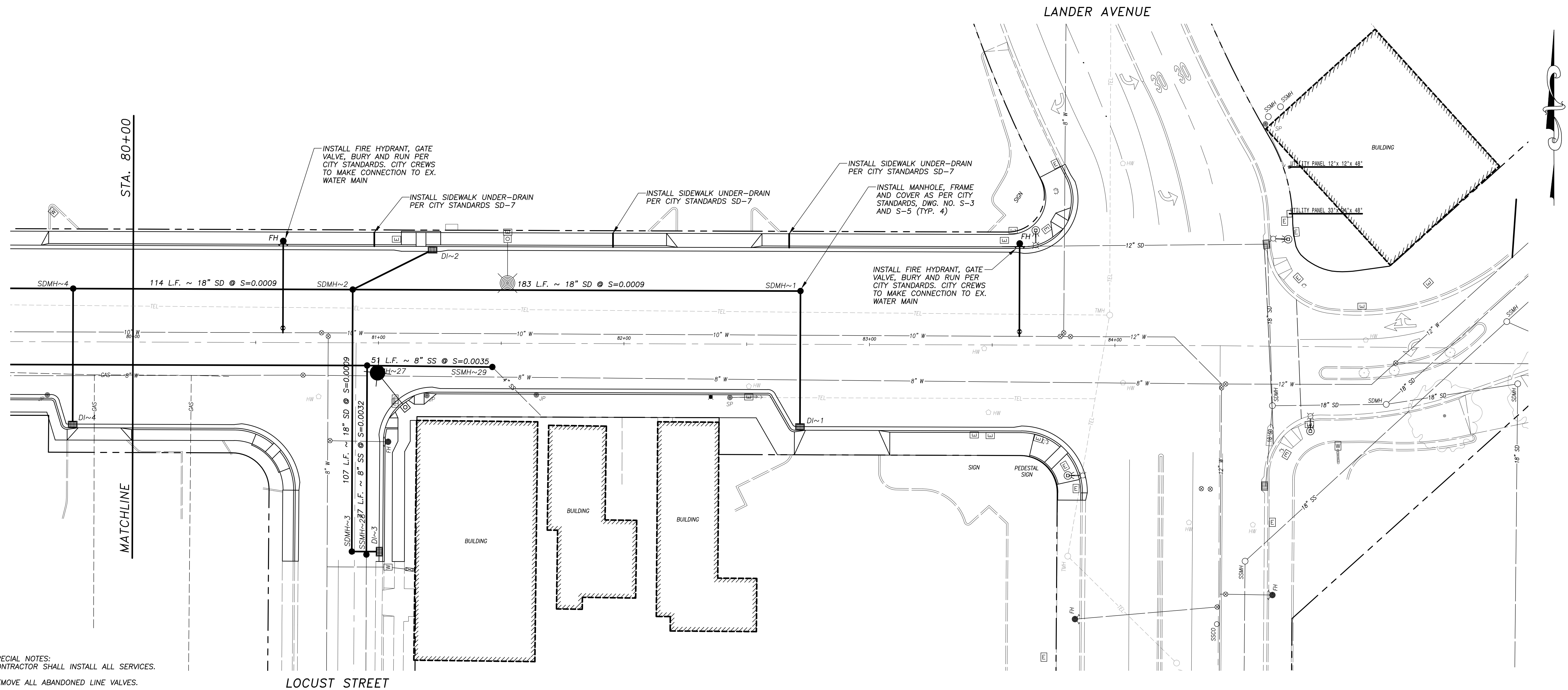


# **W. MAIN STREET**

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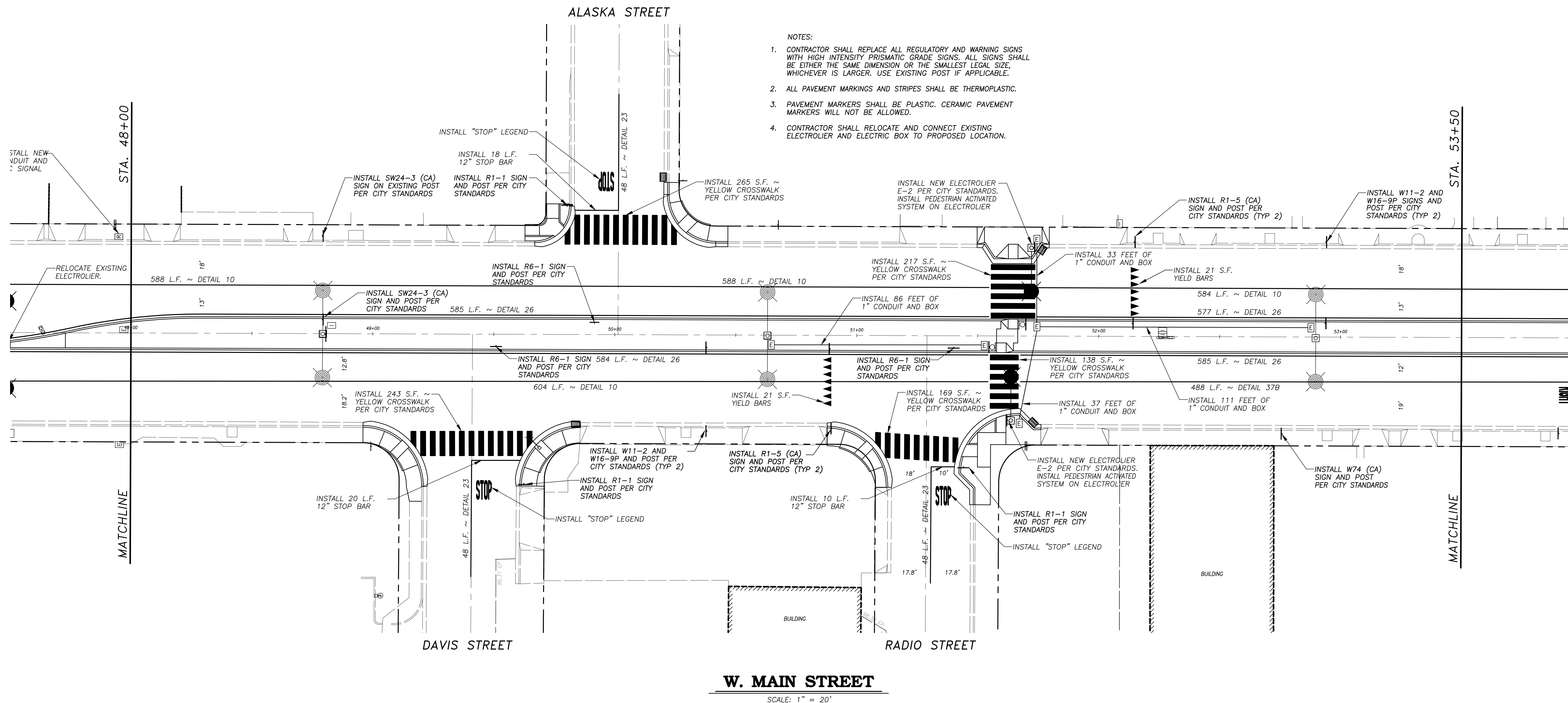
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LOCUST STREET

**W. MAIN STREET**

SCALE: 1" = 20'





- NOTES:
1. CONTRACTOR SHALL REPLACE ALL REGULATORY AND WARNING SIGNS WITH HIGH INTENSITY PRISMATIC GRADE SIGNS. ALL SIGNS SHALL BE EITHER THE SAME DIMENSION OR THE SMALLEST LEGAL SIZE, WHICHEVER IS LARGER. USE EXISTING POST IF APPLICABLE.
  2. ALL PAVEMENT MARKINGS AND STRIPES SHALL BE THERMOPLASTIC.
  3. PAVEMENT MARKERS SHALL BE PLASTIC. CERAMIC PAVEMENT MARKERS WILL NOT BE ALLOWED.
  4. CONTRACTOR SHALL RELOCATE AND CONNECT EXISTING ELECTROLIER AND ELECTRIC BOX TO PROPOSED LOCATION.

**W. MAIN STREET**  
SCALE: 1" = 20'



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*Eric A. Picciano*  
ERIC A. PICCIANO, P.E.  
INTERIM DEVELOPMENT SERVICES  
DIRECTOR/CITY ENGINEER  
3-19-18  
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
E.T.C. No. 47722  
Exp. 12-31-19  
CIVIL  
STATE OF CALIFORNIA

*Nathan B. Bray*  
NATHAN B. BRAY, P.E.  
PRINCIPAL CIVIL ENGINEER  
DATE: 3/19/18

CITY OF TURLOCK  
DEVELOPMENT SERVICES  
ENGINEERING DIVISION  
156 S. BROADWAY, STE 150  
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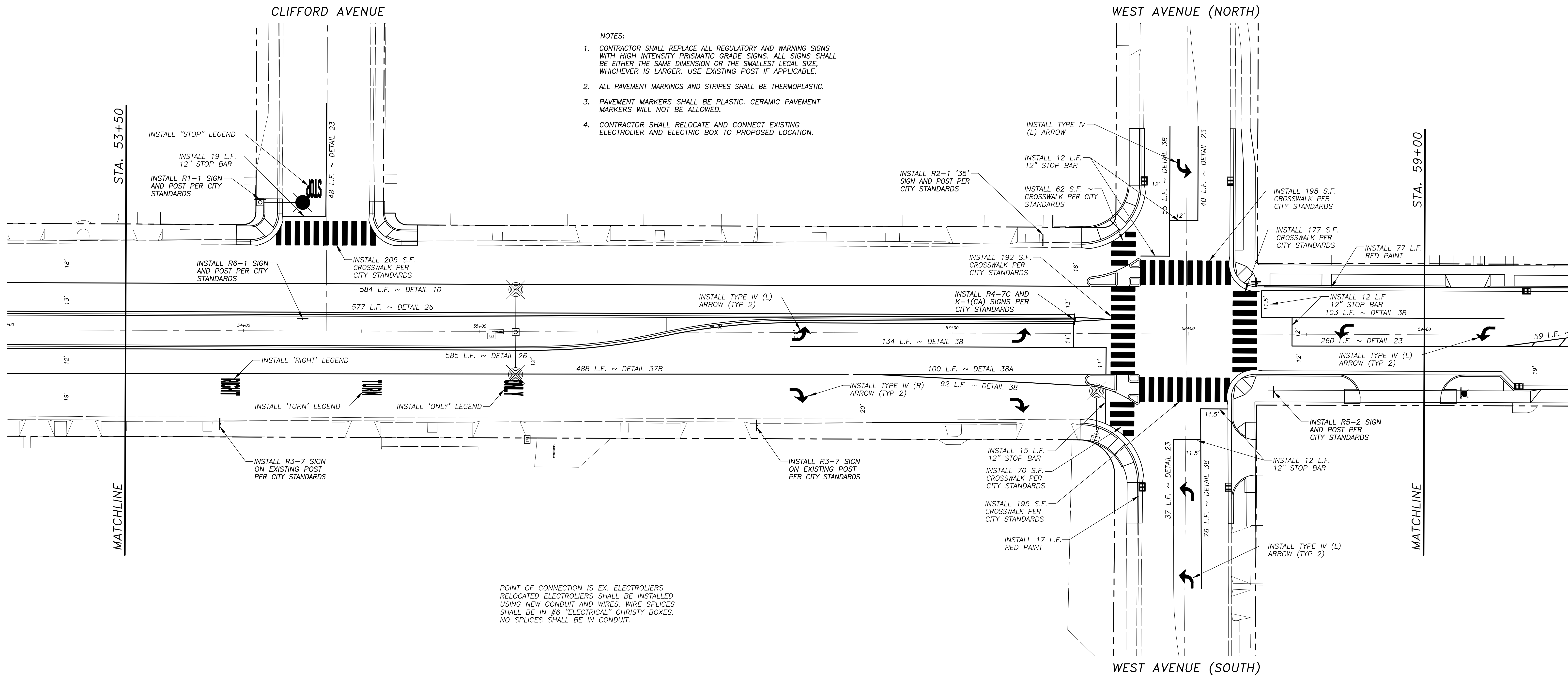
**LIGHTING, SIGNAGE AND STRIPING PLAN**  
WEST MAIN STREET ~ STA. 48+00 TO STA. 53+50  
CAPITAL PROJECT NO. 17-30  
**W. MAIN STREET CORRIDOR REHABILITATION**  
BETWEEN KILROY ROAD AND LANDER AVENUE

VERIFY SCALE  
BAR IS 1" ON ORIGINAL DRAWING  
0 1/4" 3/4" 1"  
1/2"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWN BY: JSH  
REV. BY: --  
CH. BY: REJ  
DATE: MAR. 20, 2017  
SCALE: 1" = 20'  
17-30 BASE.dwg





**W. MAIN STREET**

SCALE: 1" = 20'



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*Nathan B. Bray*  
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PRINCIPAL CIVIL ENGINEER  
DATE: 3/19/18



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

**LIGHTING, SIGNAGE AND STRIPING PLAN**  
WEST MAIN STREET ~ STA. 53+50 TO STA. 59+00  
CAPITAL PROJECT NO. 17-30  
**W. MAIN STREET CORRIDOR REHABILITATION**  
BETWEEN KILROY ROAD AND LANDER AVENUE

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SHEET  
**74**  
OF

- 

POINT OF CONNECTION IS EX. ELECTROLIERS. RELOCATED ELECTROLIERS SHALL BE INSTALLED USING NEW CONDUIT AND WIRES. WIRE SPLICES SHALL BE IN #6 "ELECTRICAL" CHRISTY BOXES. NO SPLICES SHALL BE IN CONDUIT.

INSTALL R1-5 (CA) SIGN AND POST PER CITY STANDARDS

RELOCATE EX. ELECTROLIER

INSTALL 84 L.F. 8" YELLOW STRIPING

INSTALL 61 L.F. RED PAINT

INSTALL 120 S.F. CROSSWALK PER CITY STANDARDS

RELOCATE EX. ELECTROLIER

INSTALL 12 S.F. OFF: 16.67' L YIELD BARS

STA: 62+47.96

326 L.F. ~ DETAIL 23

326 L.F. ~

STA: 59+16.96  
OFF: 24.93' R

59 L.F. ~ DETAIL 23

103 L.F. ~ DETAIL 38

260 L.F. ~ DETAIL 23

107 L.F. ~ DETAIL 23

260 L.F. ~ DETAIL 23

INSTALL 12 S.F. YIELD BARS  
STA: 60+87.70  
OFF: 18.67' R

INSTALL 146 S.F. CROSSWALK PER CITY STANDARDS

RELOCATE EX. ELECTROLIER. INSTALL W11-2 AND W16-9P SIGNS PER CITY STANDARDS

RELOCATE EX. ELECTROLIER. INSTALL R1-5 (CA) SIGN PER CITY STANDARDS

INSTALL W11-2 (CA) AND W16-7P (CA) SIGNS AND POST PER CITY STANDARDS (TYP 2)

INSTALL R1-1 SIGN AND POST PER CITY STANDARDS

INSTALL 12 L.F. 12" STOP BAR

INSTALL "STOP" LEGEND

48 L.F. ~ DETAIL 23

STOP

OFF: 24.67' R  
STA: 63+94.36

RELOCATE EX. ELECTROLIER

STA. 59+00

STA. 64+00

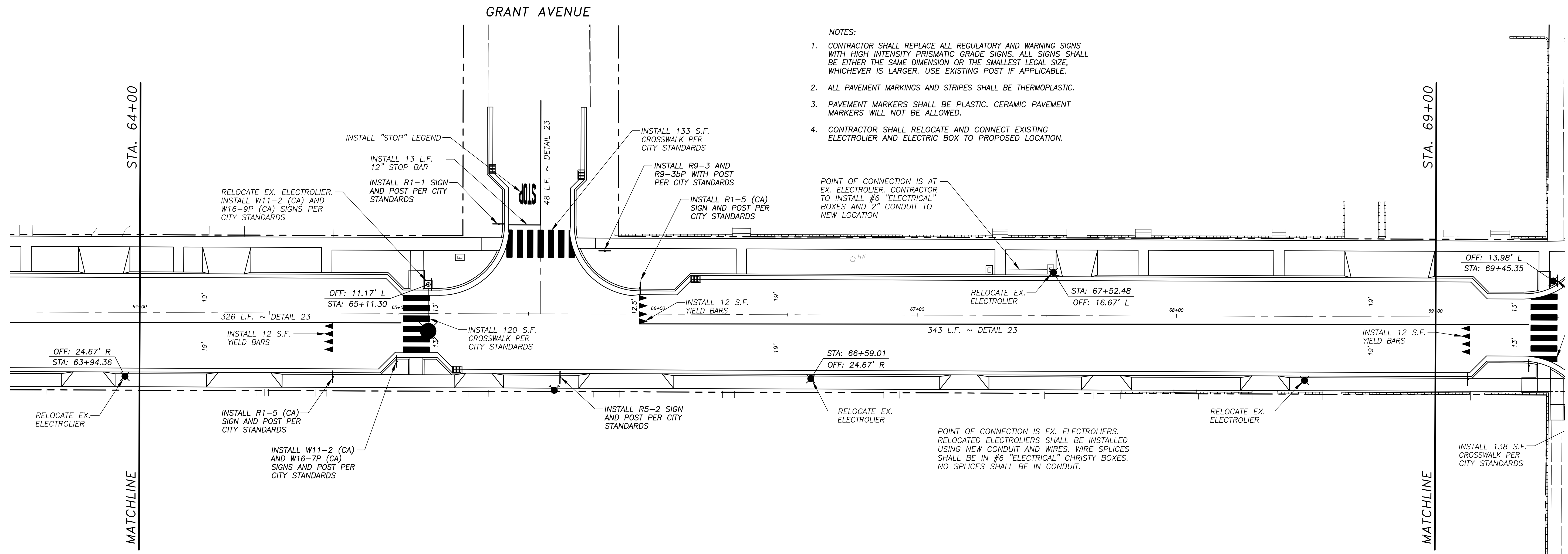
MATCHLINE

MATCHLINE

FARR STREET

SCALE: 1" = 20'





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**W. MAIN STREET**  
SCALE: 1" = 20'



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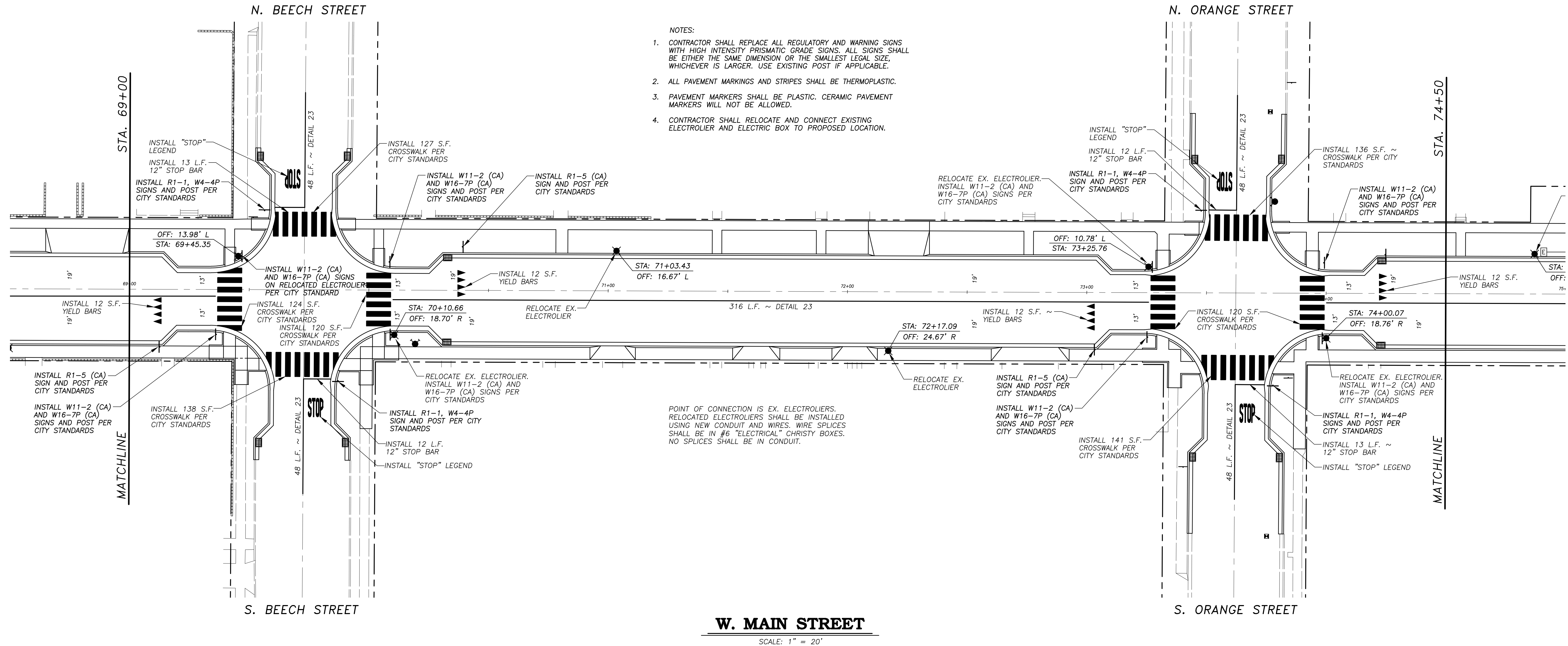
CITY OF TURLOCK  
DEVELOPMENT SERVICES  
ENGINEERING DIVISION  
156 S. BROADWAY, STE 150  
(209) 668-5520

**LIGHTING, SIGNAGE AND STRIPING PLAN**  
WEST MAIN STREET ~ STA. 64+00 TO STA. 69+00  
CAPITAL PROJECT NO. 17-30  
**W. MAIN STREET CORRIDOR REHABILITATION**  
BETWEEN KILROY ROAD AND LANDER AVENUE

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0 1/4" 3/4" 1" 1/2"  
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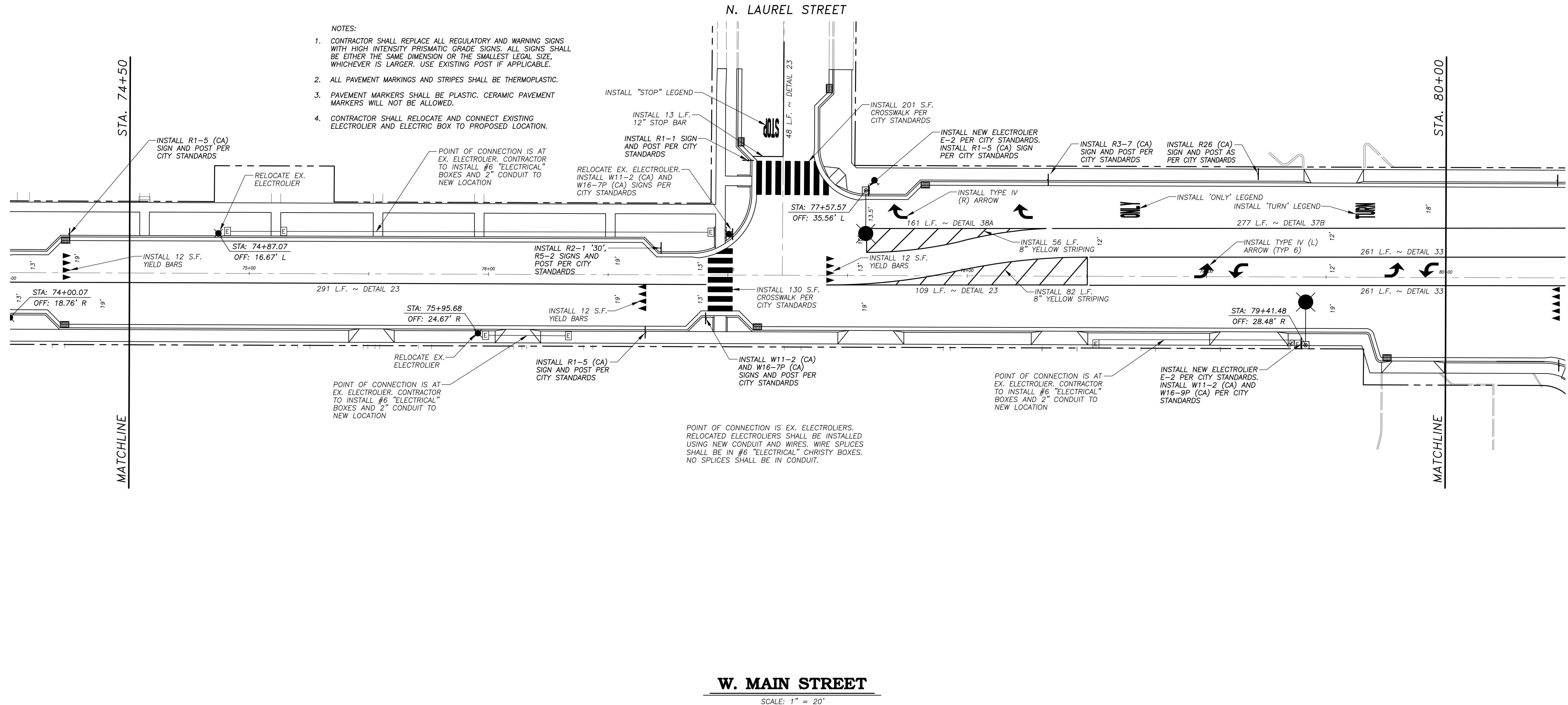
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**W. MAIN STREET**  
SCALE: 1" = 20'

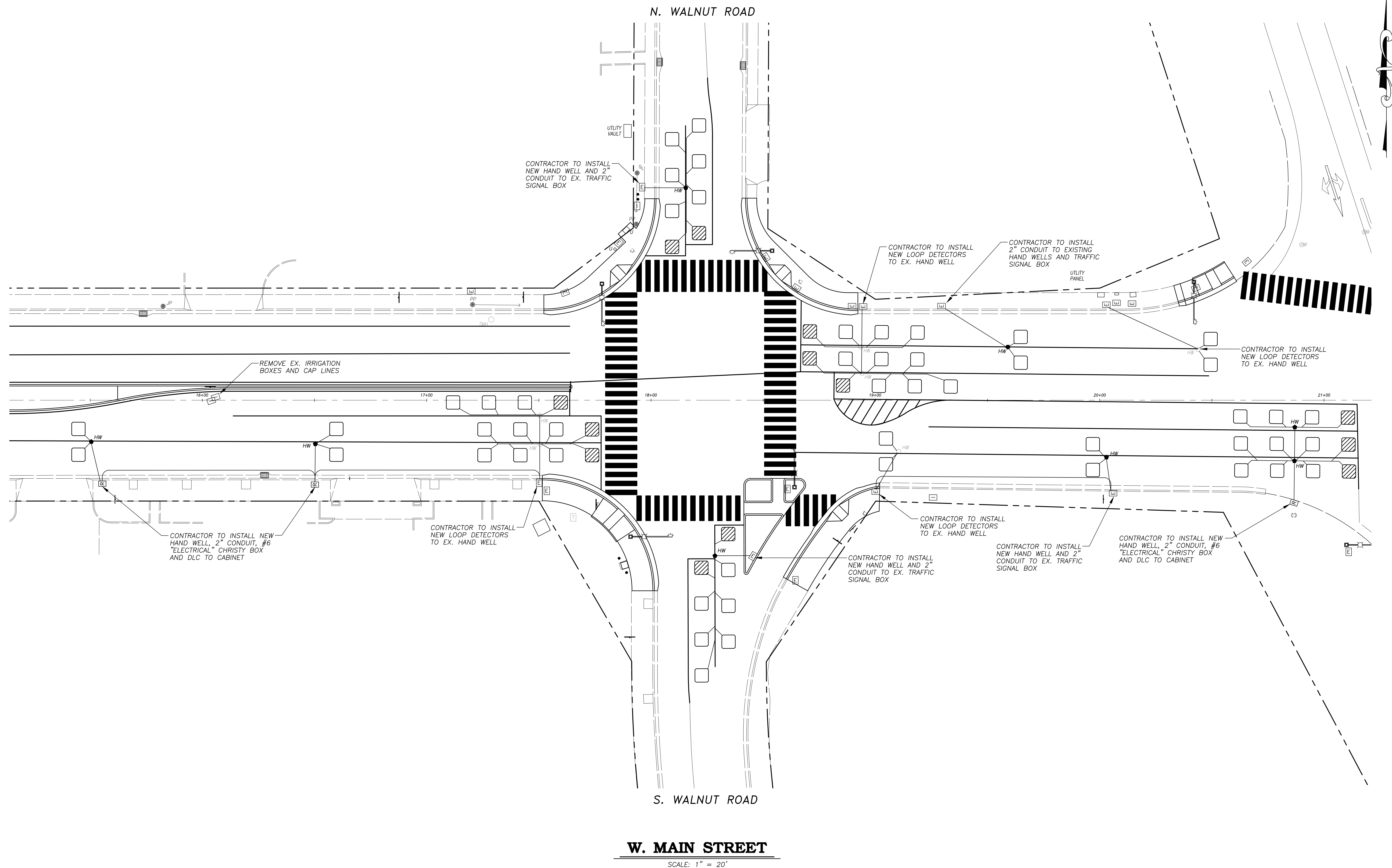




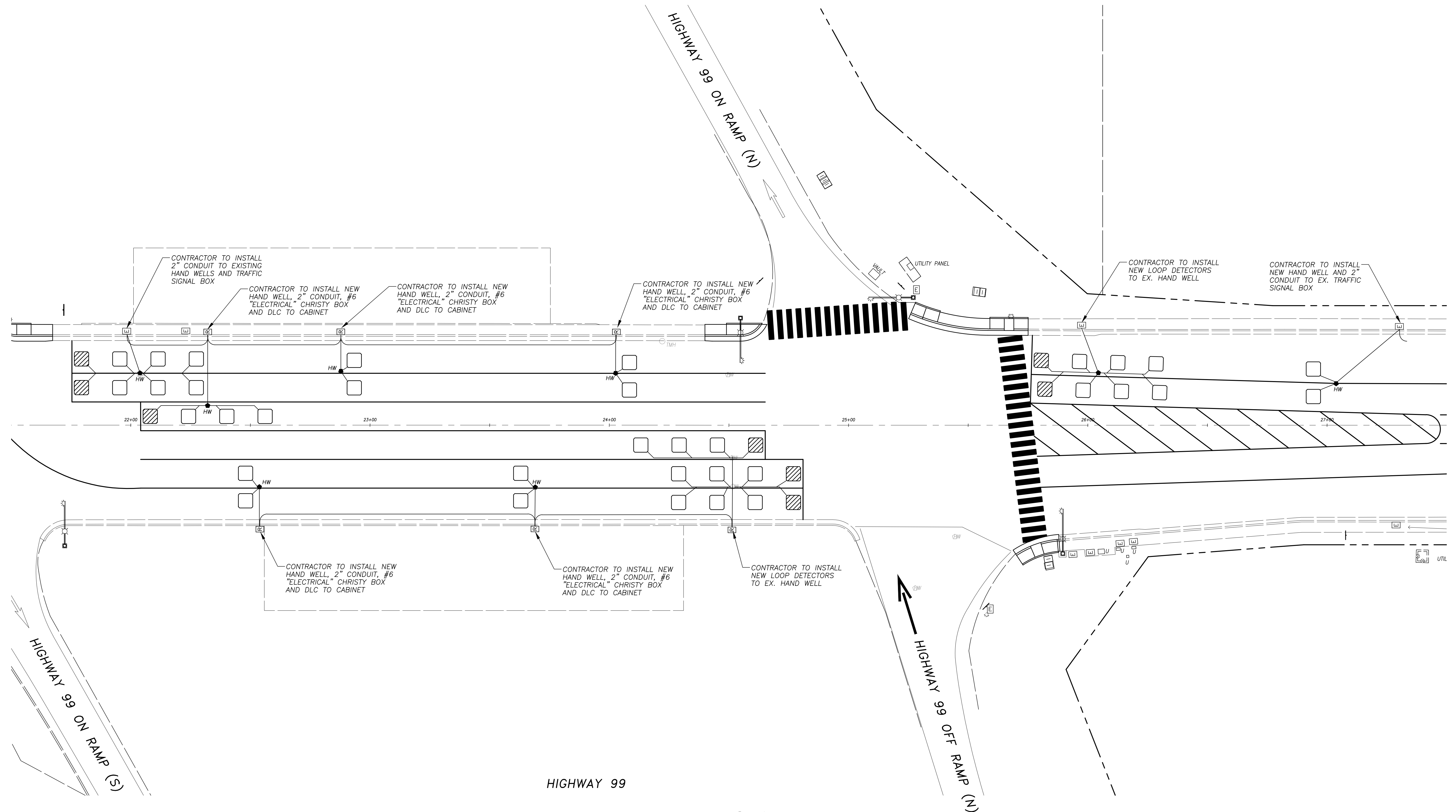




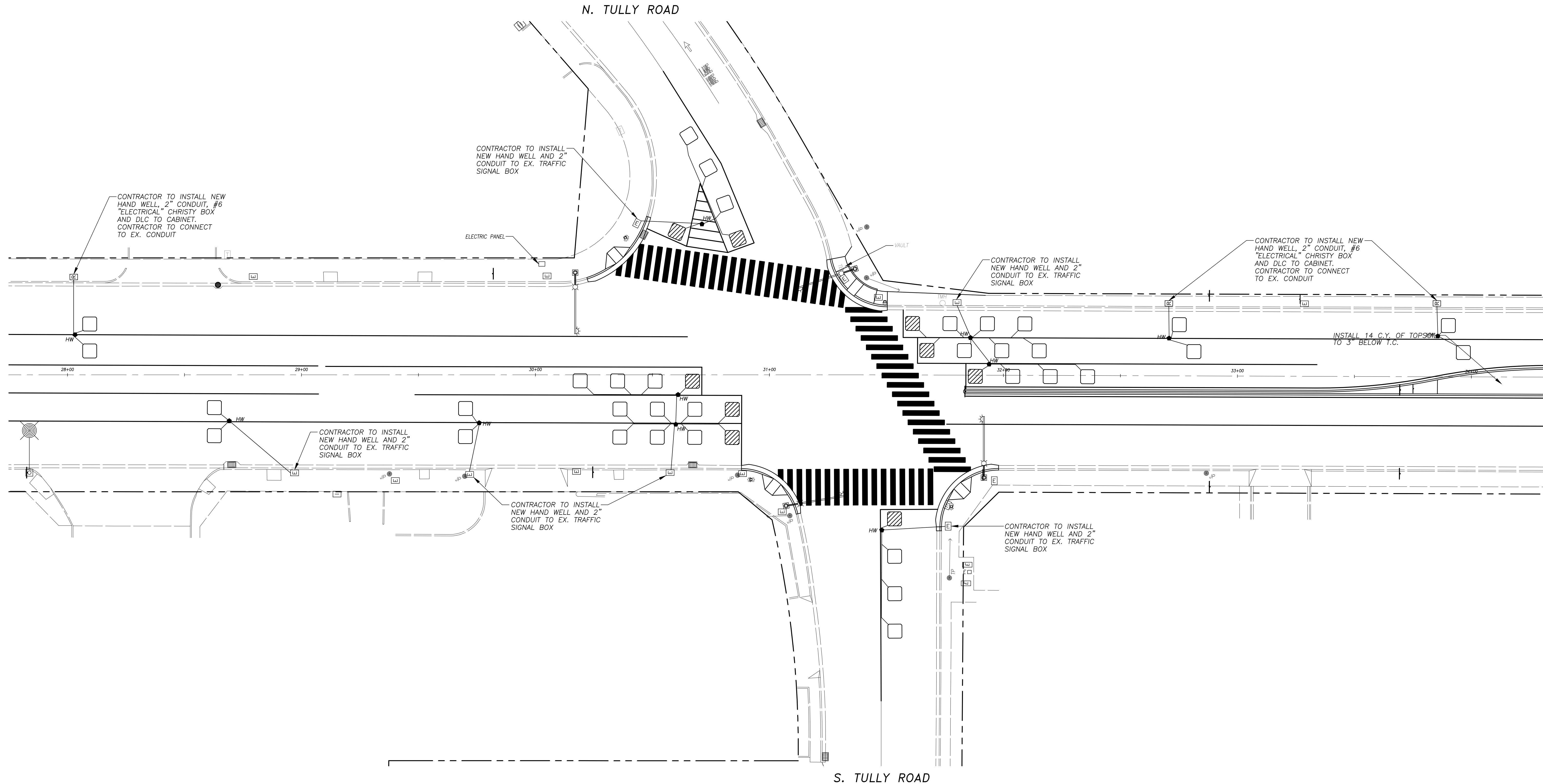




HIGHWAY 99







**W. MAIN STREET**

SCALE: 1" = 20'

**USA NORTH 811**  
Call 811 Before You Dig  
WWW.USANORTH811.ORG

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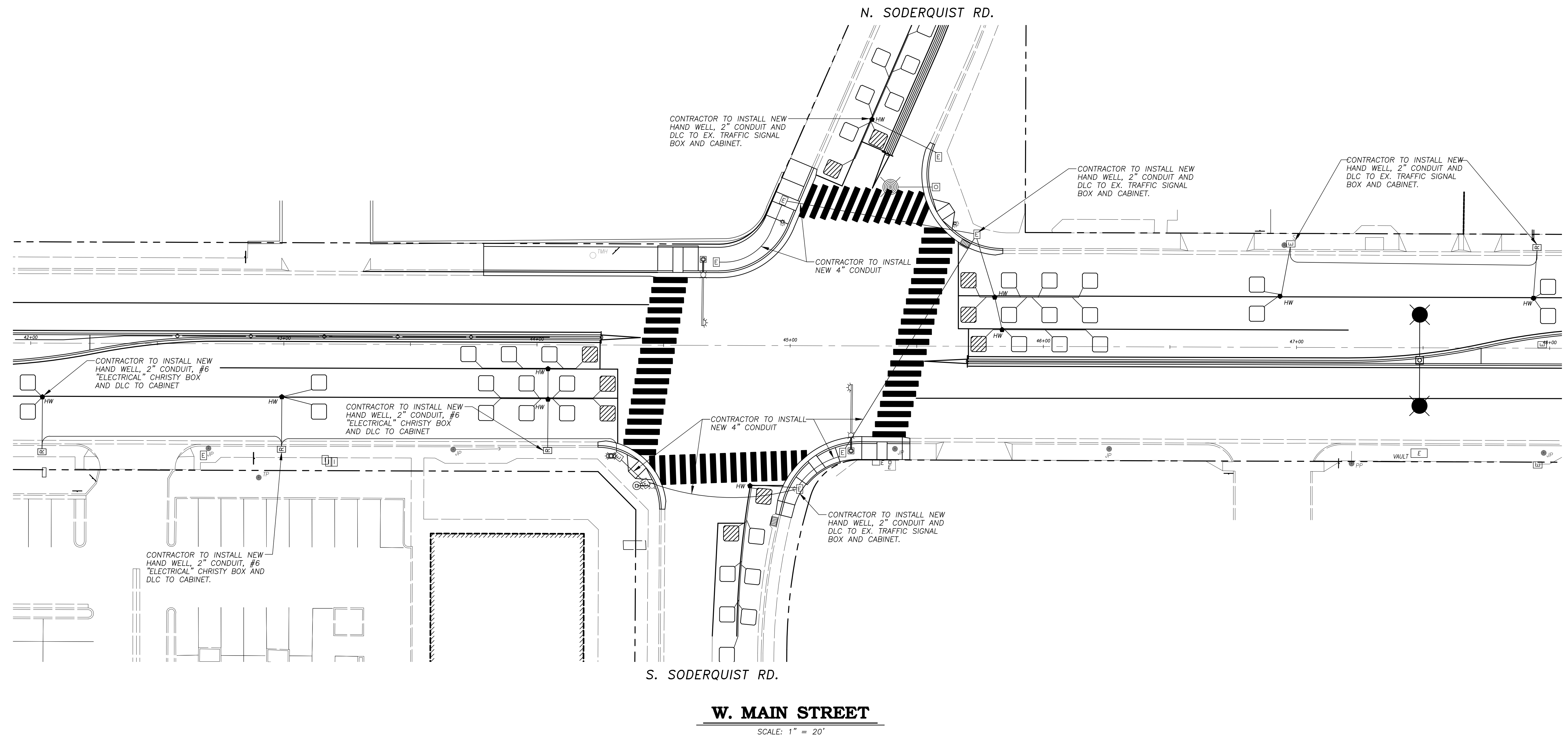
CITY OF TURLOCK  
DEVELOPMENT SERVICES  
ENGINEERING DIVISION  
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(209) 668-5520

**TRAFFIC SIGNAL PLAN**  
WEST MAIN STREET AT TULLY ROAD  
CAPITAL PROJECT NO. 17-30  
**W. MAIN STREET CORRIDOR REHABILITATION**  
BETWEEN KILROY ROAD AND LANDER AVENUE

VERIFY SCALE  
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SHEET  
**82**  
OF



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**TRAFFIC SIGNAL PLAN**  
WEST MAIN STREET AT SODERQUIST ROAD  
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SHEET  
**83**  
OF



WEST AVENUE (NORTH)

NOTE:  
TRAFFIC SIGNAL AND LOOPS  
TO BE INSTALLED UNDER A  
FUTURE PROJECT

CONTRACTOR TO INSTALL NEW  
HAND WELLS, 4" CONDUIT AND  
#6 "ELECTRICAL" BOXES AS  
SHOWN

CONTRACTOR TO INSTALL  
#6 "ELECTRICAL" BOXES  
AND 4" CONDUIT

CONTRACTOR TO INSTALL NEW  
HAND WELLS, 4" CONDUIT AND  
#6 "ELECTRICAL" BOXES AS  
SHOWN

CONTRACTOR TO INSTALL NEW  
HAND WELLS, 2" CONDUIT AND  
#6 "ELECTRICAL" BOXES AS  
SHOWN

CONTRACTOR TO INSTALL NEW  
HAND WELLS, 2" CONDUIT AND  
#6 "ELECTRICAL" BOXES AS  
SHOWN

CONTRACTOR TO INSTALL  
#6 "ELECTRICAL" BOXES  
AND 4" CONDUIT

CONTRACTOR TO INSTALL  
#6 "ELECTRICAL" BOX AND  
4" CONDUIT

CONTRACTOR TO INSTALL NEW  
HAND WELLS, 2" CONDUIT AND  
#6 "ELECTRICAL" BOXES AS  
SHOWN

CONTRACTOR TO INSTALL  
#6 "ELECTRICAL" BOXES  
AND 4" CONDUIT

CONTRACTOR TO INSTALL  
#6 "ELECTRICAL" BOXES  
AND 4" CONDUIT

CONTRACTOR TO INSTALL  
#6 "ELECTRICAL" BOXES  
AND 4" CONDUIT

CONTRACTOR TO INSTALL NEW  
HAND WELLS, 2" CONDUIT AND  
#6 "ELECTRICAL" BOXES AS  
SHOWN

WEST AVENUE (SOUTH)

W. MAIN STREET

SCALE: 1" = 20'



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THE COMMENCEMENT OF WORK.

*Eric A. Picciano*  
ERIC A. PICCIANO, P.E.  
INTERIM DEVELOPMENT SERVICES  
DIRECTOR/CITY ENGINEER  
3-19-18  
PLANS APPROVAL DATE



*Nathan B. Bray*  
NATHAN B. BRAY, P.E.  
PRINCIPAL CIVIL ENGINEER  
DATE: 3/19/18



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

TRAFFIC SIGNAL PLAN  
WEST MAIN STREET AT WEST AVENUE  
CAPITAL PROJECT NO. 17-30  
W. MAIN STREET CORRIDOR REHABILITATION  
BETWEEN KILROY ROAD AND LANDER AVENUE

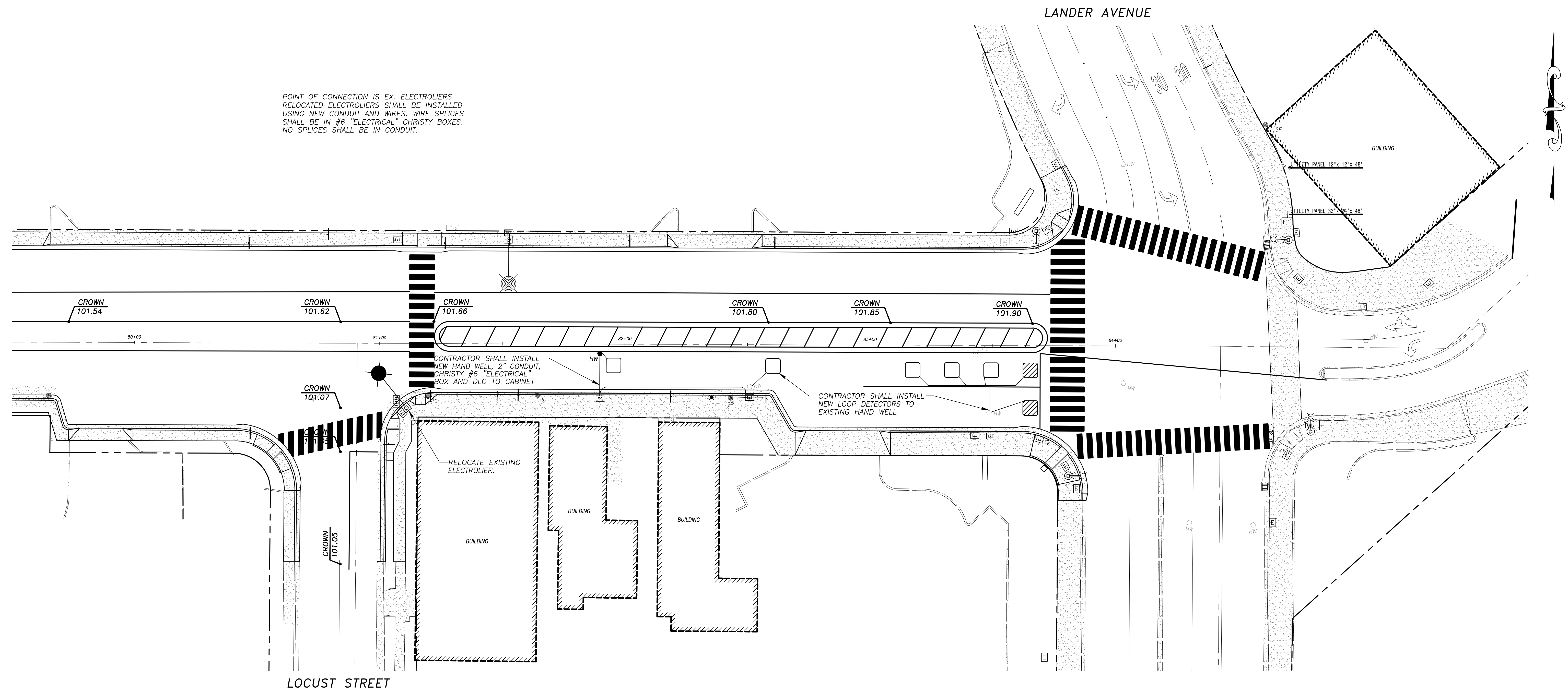
VERIFY SCALE  
BAR IS 1" ON  
ORIGINAL DRAWING  
0 1/4" 3/4" 1"  
1/2"  
IF NOT ONE INCH ON  
THIS SHEET, ADJUST  
SCALES ACCORDINGLY

DRAWN BY: JSH  
REV. BY: --  
CH. BY: REJ  
DATE: MAR. 20, 2017  
SCALE: 1" = 20'  
17-30 BASE.dwg

SHEET  
84  
OF



POINT OF CONNECTION IS EX. ELECTROLIERS.  
RELOCATED ELECTROLIERS SHALL BE INSTALLED  
USING NEW CONDUIT AND WIRES. WIRE SPLICES  
SHALL BE IN #6 "ELECTRICAL" CHRISTY BOXES.  
NO SPLICES SHALL BE IN CONDUIT.

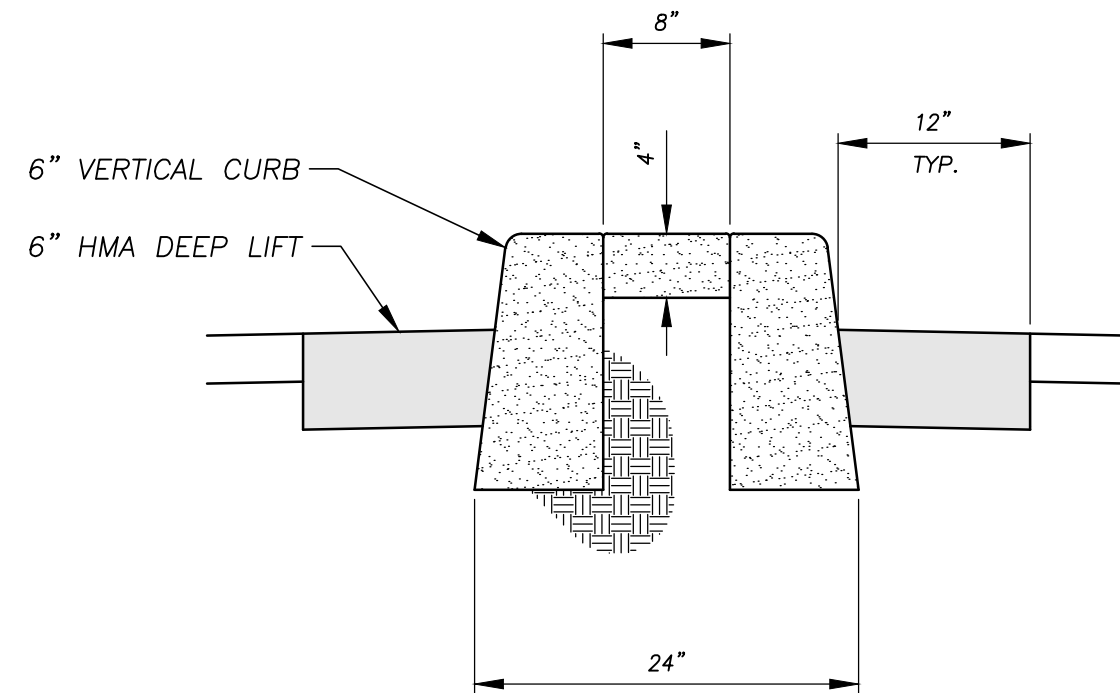
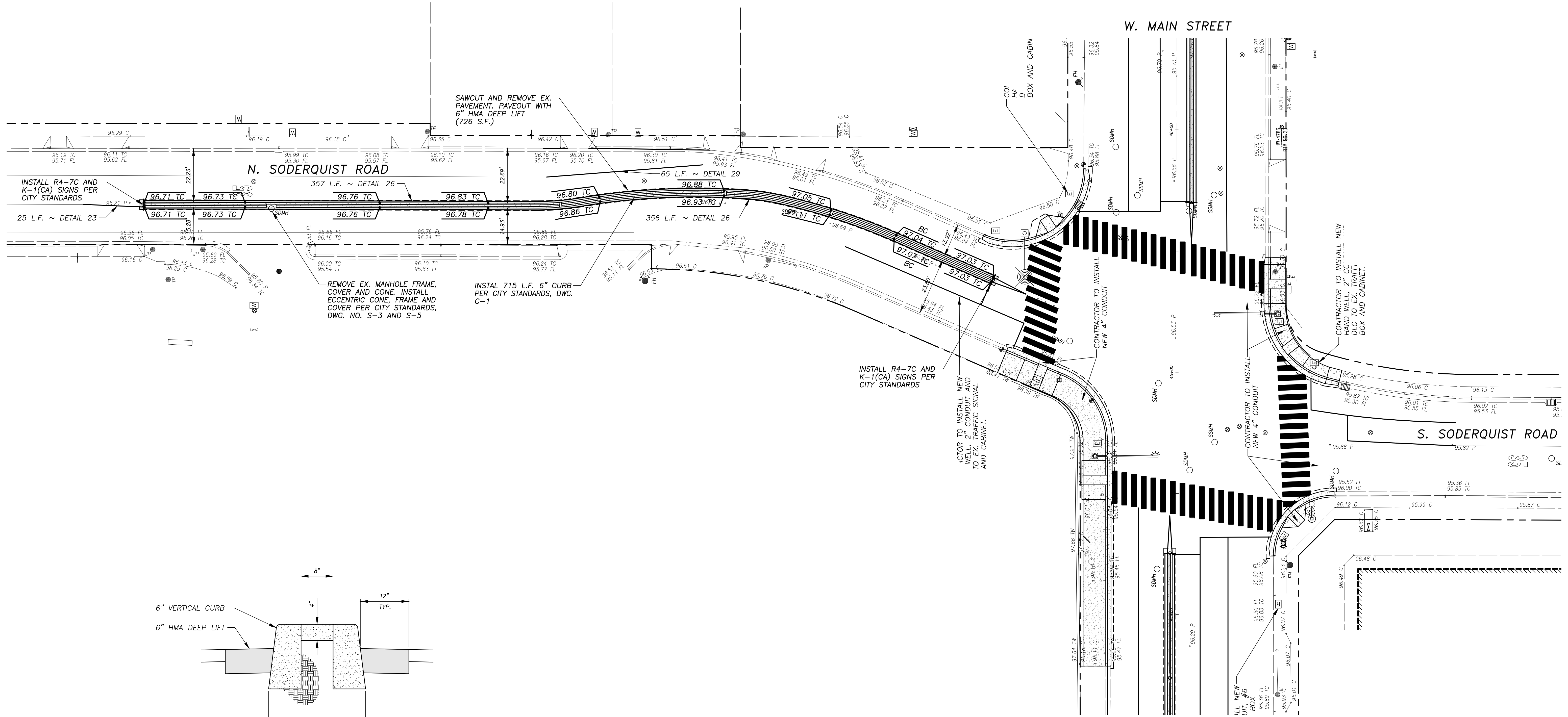


LOCUST STREET

**W. MAIN STREET**

SCALE: 1" = 20'





**MEDIAN DETAIL**

NONE