



Purchasing Division

ADDENDUM NO. 3

DATE: April 23, 2018
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: 2018 7th Street Reconstruction – North Ave. to Orchard Ave. IFB-4513-18-DH

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

Amendments

- 1) **The deadline for bids shall be extended to May 2, 2018 prior to 9:00am.** Section 3.7 IFB Tentative Time Schedule has been updated as follows:

IFB TENTATIVE TIME SCHEDULE:

Invitation For Bids available	March 23, 2018
Mandatory Pre-Bid Meeting	April 3, 2018
Inquiry deadline, no questions after this date	April 26, 2018
Addendum Posted	April 27, 2018
Submittal deadline for proposals	May 2, 2018
City Council Approval	May 16, 2018
Notice of Award & Contract execution	May 17, 2018
Bonding & Insurance Cert due	May 21, 2018
Preconstruction meeting	May 21, 2018
Work begins no later than	May 29, 2018
Final Completion	77 Calendar Days from Notice to Proceed
Holidays:	
Independence Day	July 4, 2018

- 2) Section **1.1 Purpose** of the bid documents shall be amended to include the following:
This project will also include the removal of approximately 1,350 LF of 12” to 15” storm sewer (assumed to be VCP) and 3 man holes. These materials will be replaced with new materials consisting of approximately 1,350 LF of 18” Storm Sewer, 4 Man Holes, and 2 Catch Basins with appurtenant laterals.
- 3) **SP-2 SECTION 202 – REMOVAL OF STRUCTURES AND OBSTRUCTIONS**

Section 202 of the Standard Specifications for Road and Bridge Construction is hereby revised for this Project as follows:

Add the following:

Removal and Disposal of Storm Sewer Manhole

Remove manhole ring and cover, grade rings, cone, risers, and base. Salvageable manhole ring and cover shall be returned to City Shops. Backfill excavation with backfill meeting Section 103.16, Earth Backfill Material and compact if manhole will not be replaced with a new manhole.

Method Measurement

Add the following paragraph:

Manholes to be removed and replaced in like locations shall not be measured or paid for separately. The removal shall be considered incidental to the project.

Removal and disposal of Storm Sewer Manholes that are not in the same location as the existing will be measured by each manhole removed and not replaced.

Basis of Payment

<u>Pay Item</u>	<u>Pay Unit</u>
Removal of Manhole (No reinstallation)	Each

4) **SP-6 SECTION 203 – EXCAVATION AND EMBANKMENT**

Section 203 of the Standard Specifications for Road and Bridge Construction is hereby revised for this Project as follows:

Add the following:

Potholing

Existing utilities should be potholed by the contractor to confirm at a minimum, depth, size and location, in order to effectively protect in place all existing utilities.

Basis of Payment

<u>Pay Item</u>	<u>Pay Unit</u>
Excavation and Embankment (Potholing)	Lump Sum

5) **STANDARD SPECIFICATIONS FOR CONSTRUCTION OF WATER LINES, SANITARY SEWERS, STORM DRAINS, UNDERDRAINS AND IRRIGATION SYSTEMS**

The City of Grand Junction *Standard Specifications for Construction of Water Lines, Sanitary Sewers, Storm Drains, Underdrains and Irrigation Systems* are hereby modified for this Project as follows:

SP-7 102.11 MANHOLES FOR SANITARY SEWERS AND STORM DRAINS

Add the following:

All shallow manholes shall be constructed in accordance with the City's shallow manhole standard (detail sheet SS-03 in City Std. Contract Documents). The cone-section shall be wet-set in a cast-in-place base.

Add the following:

All manholes located along 7th Street shall be constructed with a minimum of 6" of reinforced concrete grade rings and a maximum of 12" of reinforced concrete grade rings. In addition, all cast iron rings shall be 6" thick.

SP-12 SECTION 103 – REMOVALS, EXCAVATION, BACKFILLING AND RESTORATION

Add the following:

103.4 Bracing and Sheeting of Trenches

Add the following:

Trench wall support will be required when installing all new pipeline included in this project. The Contractor shall provide trench boxes, sheet piles and bracing, or other approved method of supporting trench walls that will limit the top width of any trench to a maximum of six (6) feet. Payment for trench bracing by the Contractors chosen method shall be included in the lineal foot pipe price for all pipe installed in this contract. Bracing required for manhole installation shall be included in the price of the manhole.

103.10 Cutoff Walls.

Add the following:

The cost of installing cutoff walls shall be incidental to the cost of pipe installation.

103.15 Granular Stabilization, Bedding and Haunch Backfill Materials

Replace Type A Pipe Bedding & Haunch Material specifications with the following:

Type A Pipe Bedding & Haunch (crushed rock)	
Sieve Size	% Passing by Weight
3/8"	100
#4	40-90
#200	0-5
P.I.	NP
L.L.	NV

103.16 Earth Backfill Material (Imported Trench Backfill).

Add the following:

Material excavated on site shall not be used in the trench backfill if determined to be unsuitable by the Engineer or his representative. The excavated material shall be hauled off site to a location secured by the Contractor and approved by the Project Engineer. Imported Trench Backfill shall be pitrun or other approved material meeting the requirements of Section 103.16. During placement of imported backfill over the initial backfill material (Type A) that extends to 6 inches above the top of the pipe, the Contractor shall not place any rocks over 4 inches in diameter within the first 12 inches above the initial backfill material to protect the pipe from damage.

- 6) Smooth interior, high-performance polypropylene pipe (PP) or smooth interior, high-density polyethylene (HDPE) will be considered approved equals to SDR 35 for the new storm sewer.
- 7) The contractor shall protect in place all existing utilities, not just where noted on the plans. If existing utilities are damaged, they shall be replaced by the contractor at no additional cost to the City.
- 8) Contractor shall utilize the attached Addendum 3 Bid Schedule when submitting their bid response.

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,



Duane Hoff Jr., Senior Buyer
City of Grand Junction, Colorado

Bid Schedule: ADDENDUM 3 - 2018 7th Street Reconstruction - North Ave. to Orchard Ave.

Contractor: _____

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	108.2	18" Storm Drain Pipe (SDR 35 or approved equal)	1,390.	LF	\$ _____	\$ _____
2	108.2	4" Sanitary Sewer Pipe (SDR-35 PVC) Price to Include connections to the sewer main and existing sewer service line.	150.	LF	\$ _____	\$ _____
3	108.5	Storm Sewer Basic Manhole (48" I.D.)	4.	EA	\$ _____	\$ _____
4	108.6	Single Storm Drain Inlet (Vertical Curb)	2.	EA	\$ _____	\$ _____
5	202	Asphalt Removal (Planing)(Thickness Varies - Maximum 12")	16,930.	SY	\$ _____	\$ _____
6	202	Removal of Fence (6' Height Chain Link)	32.	LF	\$ _____	\$ _____
7	202	Removal of Fence (6' Height Wooden Picket - 6" wide picket)	24.	LF	\$ _____	\$ _____
8	203	Excavation and Embankment (Potholing) (See SP-6)	Lump Sum		---	\$ _____
9	203	Excavation and Embankment (Unclassified Excavation)	7,843.	CY	\$ _____	\$ _____
10	208	Erosion Control (Complete-In-Place)	Lump Sum		---	\$ _____
11	209	Dust Abatement	77.	Days	\$ _____	\$ _____
12	210	Adjust Valve Box (water)	23.	EA	\$ _____	\$ _____
13	210	Adjust Valve Box (Reference and Reset Survey Monuments)	6.	EA	\$ _____	\$ _____
14	210	Adjust Manhole Ring and Cover (Sanitary and Storm Sewer)	17.	EA	\$ _____	\$ _____
15	210	Adjust Manhole Ring and Cover (Others)	2.	EA	\$ _____	\$ _____
16	210	Reset Fence (6' Height Chain Link)	32.	LF	\$ _____	\$ _____
17	210	Reset Fence (6' Height Wood Picket - 6" wide picket)	24.	LF	\$ _____	\$ _____
18	304	Aggregate Base Course (Class 6) - 15" Pavement Section	13,055.	Tons	\$ _____	\$ _____
19	304	Aggregate Base Course (Class 3) - 18" Subgrade Stabilization	4,375.	Tons	\$ _____	\$ _____
20	306	Reconditioning (12")	16,930.	SY	\$ _____	\$ _____
21	401	Hot Mix Asphalt (5" thick) (Grading SX, Binder Grade 64-22)	4,705.	Tons	\$ _____	\$ _____
22	401	Hot Mix Asphalt (2" thick) (Grading SX, Binder Grade 76-28)	1,884.	Tons	\$ _____	\$ _____
23	420	Geosynthetics - Mirafi RS580i or equivalent	4,530.	SY	\$ _____	\$ _____
24	608/304	Concrete Curb and Gutter (2' Wide) To Include 6" of Class 6 Aggregate Base Course	50.	LF	\$ _____	\$ _____

Bid Schedule: ADDENDUM 3 - 2018 7th Street Reconstruction - North Ave. to Orchard Ave.

Contractor: _____

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
25	608/304	Concrete Sidewalk (4" Thick) to Include 6" of Class 6 Aggregate Base Course	30.	SY	\$ _____	\$ _____
26	608/304	Concrete Drive way Section (6"Thick) to Include 6" of Class 6 Aggregate Base Course	570.	SY	\$ _____	\$ _____
27	620	Sanitary Facility		Lump Sum	---	\$ _____
28	625	Construction Surveying		Lump Sum	---	\$ _____
29	626	Mobilization	1.		\$ _____	\$ _____
30	627-30405	Preformed Thermoplastic Pavement Marking (Word/Symbol)	373.	SF	\$ _____	\$ _____
31	627-30410	Preformed Thermoplastic Pavement Marking (X-Walk/Stopline)	976.	SF	\$ _____	\$ _____
32	630	Traffic Control (Complete In Place)		Lump Sum	---	\$ _____
33	630	Flagging	720.	HR	\$ _____	\$ _____
34	630	Traffic Control Plan		Lump Sum	---	\$ _____
INC		Incentive HMA 64-22	---	---	---	\$ 15,000.00
INC		Incentive HMA 76-28	---	---	---	\$ 10,000.00
MCR		Minor Contract Revisions	---	---	---	\$ 100,000.00
					Bid Amount:	\$ _____

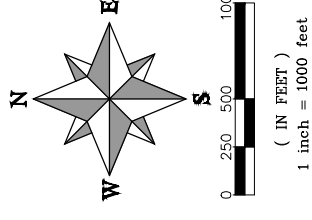
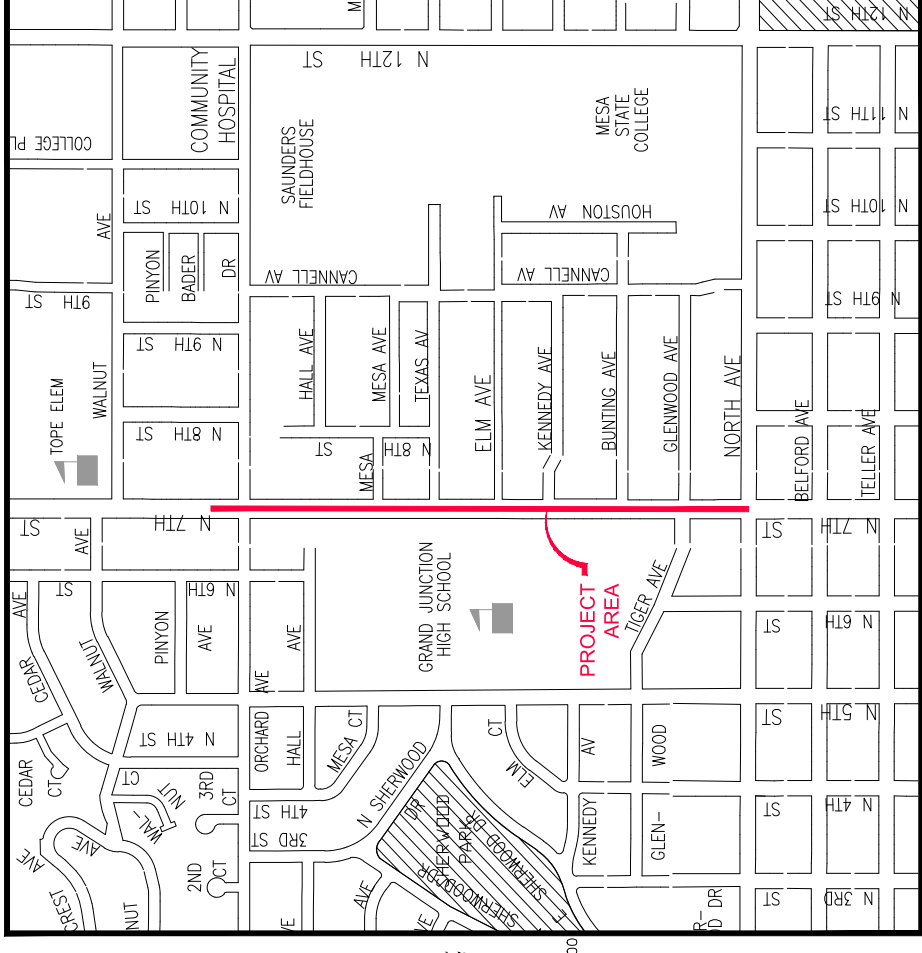
Bid Amount:

_____ **dollars**

7TH STREET RECONSTRUCTION MARCH, 2018

- 1 — Cover Sheet
- 2 — Standard Abbreviations, Legend, and Symbols
- 3 — Plan View Sta 0+00 – Sta 15+00
- 4 — Plan View Sta 15+00 – Sta 28+00
- 5 — Section Views Sta 0+50 – Sta 7+50
- 6 — Section Views Sta 8+00 – Sta 15+00
- 7 — Section Views Sta 15+50 – Sta 22+50
- 8 — Section Views Sta 23+00 – Sta 27+00 & Typical Section Detail

VICINITY MAP



UTILITIES AND AGENCIES							
AGENCY	NAME	POSITION	ROLE	MAILING ADDRESS	STREET ADDRESS	CITY, STATE	VOICE-WK FAX
CITY OF GRAND JUNCTION	ERIC MOCKO	PROJECT ENGINEER	PROJECT ENGINEER	333 WEST AVE BLDG C	333 WEST AVE BLDG C	GRAND JCT., CO 81501	(970) 256-4017 (970) 256-4022
	LEE COOPER	PROJECT ENGINEER	SANITARY SEWER	333 WEST AVE BLDG C	333 WEST AVE BLDG C	GRAND JCT., CO 81501	(970) 256-4155 (970) 256-4022
GRAND VALLEY IRRIGATION CO.	PHIL BERTRAND	MANAGER	IRRIGATION	688 26 RD	688 26 RD	GRAND JCT., CO 81506	(970) 242-2762
	JEFF VALDEZ	MANAGER	CABLE TV	2502 FORESIGHT CIRCLE	2502 FORESIGHT CIRCLE	GRAND JCT., CO 81504	(970) 245-8750 (970) 245-6803
CENTURYLINK	CHRIS JOHNSON	ENGINEER	TELEPHONE	2524 BLICHMANN AVE	2524 BLICHMANN AVE	GRAND JCT., CO 81504	(970) 244-4311 (970) 240-4349
	STEVE PIBURN	UNIT MANAGER	ELECTRIC	2538 BLICHMANN AVE	2538 BLICHMANN AVE	GRAND JCT., CO 81506	(970) 244-2664 (970) 244-2664
XCEL	SARAH BARRICAU	UNIT MANAGER	GAS	2538 BLICHMANN AVE	2538 BLICHMANN AVE	GRAND JCT., CO 81506	(970) 244-2656 (970) 244-2656



*Public Works
Engineering Division*



Know what's below.
Call before you dig.

NOTE: NOTIFY AFFECTED UTILITY VENDOR 48 HOURS PRIOR TO EXCAVATIONS THAT WILL EXPOSE UTILITY LINES. THE COVER SHEET WILL HAVE A LISTING OF UTILITY VENDORS AND TELEPHONE NUMBERS.

REVISION _____ DATE _____

REVISION _____ DATE _____

REVISION _____ DATE _____

REVISION _____ DATE _____

DRAWING STATUS:
 PROGRESS
 FINAL CONSTRUCTION DRAWINGS
 ASBUILT

DESIGNED BY:

ERIC MOCKO 2018

REVIEWED BY:

TRENT C. PRALL, PUBLIC WORKS DIRECTOR 2018

AUTHORIZED FOR CONSTRUCTION

TRENT C. PRALL, PUBLIC WORKS DIRECTOR 2018

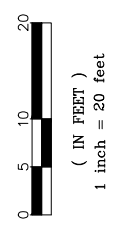
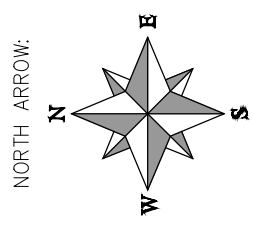
ACCEPTED AS CONSTRUCTED

ERIC MOCKO 2018

ABBREVIATIONS	DESCRIPTION	DATE	DRAWN BY	DATE
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY & TRANSPORTATION OFFICIALS			
ABC	AGGREGATE BASE COURSE			
AC	ASBESTOS CEMENT			
AP	ANGLE POINT			
ASB	ANCHORED STRAW BALES			
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS			
AWWA	AMERICAN WATER WORKS ASSOCIATION			
BC	BACK OF CURB			
BF	BUTTERFLY VALVE			
BOW	BACK OF WALK			
BCR	BEGIN CURB RETURN			
BOT	BOTTOM			
BSWMP	BEST MANAGEMENT PRACTICES			
CA	CORRUGATED ALUMINUM PIPE			
CAP	COLORADO DEPARTMENT OF TRANSPORTATION			
CDOT	CAST IRON			
CI	CURB, GUTTER & SIDEWALK			
C.G.& SW	CENTER LINE			
C	CORRUGATED METAL PIPE			
CLIP	CLEAN OUT			
CO	COMBINATION (AS IN STORM SEWER AND SANITARY SEWER)			
COMB	CONCRETE			
CONC	CITY SURVEY MONUMENT			
CSM	CORRUGATED STEEL PIPE			
CSP	COPPER			
CU	DUCTILE IRON			
DI	DRIVEWAY			
LWY	END CURB RETURN			
EG	EDGE OF GUTTER			
EG	ELEVATION			
EL	EXISTING			
EP	EDGE OF PAVEMENT			
EX	EXISTING			
FB	FULL BODY			
FC	FACE OF CURB			
FG	FLOW GRADE			
F	FLOW LINE			
FL	FLANGE MAIN			
FM	FIBER OPTICS			
FO	FAR SIDE			
FS	FOOTING			
G	GAS			
GB	GAS BREAK			
GW	GAS METER			
GW	GATE VALVE			
HBP	HOT BITUMINOUS PAVEMENT			
HDPE	HIGH DENSITY POLYETHYLENE			
INVT	INVERT			
IRR	IRRIGATION			
L	LENGTH OF ARC			
LC	LONG CHORD			
LL	LONG ARCT			
LS	LONG ARC			
LS	SHORT ARC			
LT	LEFT			
MB	MAILBOX			
MCSM	MESA COUNTY SURVEY MONUMENT			
MH	MANHOLE			
MJ	MECHANICAL JOINT			
MVA	NOT APPLICABLE			
N/A	NOT IN CONTRACT			
NIC	NO ONE PERSON			
NOP	NON-REINFORCED CONCRETE PIPE			
NRCP	NEAR SIDE			
NS	NOT TO SCALE			
NTS	NOT TO SCALE			
OHP	OVERHEAD POWER			
OHT	OVERHEAD TELEPHONE			
OT	OPEN TRENCH			
PC	POINT OF INTERSECTION			
PCG	POINT OF COMPOUND CURVATURE			
PE	POLYETHYLENE			
PERF	PERFORATED			
PI	POINT OF INTERSECTION			
PIP	PLASTIC IRRIGATION PIPE			
POC	POINT ON CURVE			
POT	POINT ON TANGENT			
PT	POINT OF TANGENCY			
PRC	POINT OF REVERSE CURVATURE			
PT	POINT OF TANGENCY			
PVC	POLYVINYL CHLORIDE			
R	RADIUS			
RC	REINFORCED CONCRETE PIPE			
REQ'D	REQUIRED			
RG	RESTRAINED GLANDS			
RJ	RESTRICTION			
ROW	RIGHT OF WAY			
RP	RADIUS POINT			
RR	RAIL ROAD			
RS	SHORT RADIUS			
RT	RIGHT			
S	SLOPE			
SAN	SANITARY			
SC	SHORT CHORD			
SCD	SCHEDULE CONTRACT DOCUMENTS			
SCH	SCHEDULE			
SF	SILT FENCE			
SL	SECTION LINE			
SSRB	STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION			
SSUU	STANDARD SPECIFICATIONS FOR CONSTRUCTION OF UNDERGROUND UTILITIES			
STA	STATION			
STA	STATION			
STL	STEEL			
T	TANGENT			
TAN	TANGENT			
TC	LENGTH OF TANGENT			
TH	TEST HOLE			
TV	TELEVISION			
TV	TYPICAL			
UU	UNDERGROUND UTILITIES			
V	VERTICAL CURVE			
VCP	VERTICAL POINT OF CURVATURE			
VPC	VERTICAL POINT OF CURVATURE			
VPCC	VERTICAL POINT OF COMPOUND CURVATURE			
VFCC	VERTICAL POINT OF REVERSE CURVATURE			
VPRC	VERTICAL POINT OF REVERSE CURVATURE			
VPI	VERTICAL POINT OF INTERSECTION			
VPT	VERTICAL POINT OF TANGENCY			
W	WATER			
Δ	DELTA ANGLE			

LEGEND	SCALES: PLAN & PROFILE
BSWMP	HORIZONTAL: 1" =
DRAINAGE BASIN BOUNDARY	VERTICAL: 1" =
ANCHORED STRAW BALES	
SILT FENCE	
BUILDING	
CONCRETE CURB AND GUTTER	
CONCRETE CURB, GUTTER, & SIDEWALK	
CONCRETE DITCH	
CONCRETE SIDEWALK	
CULVERT	
EARTH DITCH	
EDGE OF GRAVEL	
EDGE OF PAVEMENT	
FENCE (BARBED WIRE)	
FENCE (CHAIN LINK)	
FENCE (IRON)	
FENCE (PLASTIC)	
FENCE (TEMPORARY CONSTRUCTION)	
FENCE (WOOD)	
FENCE (WOVEN WIRE)	
GUARD RAIL	
HATCHING: ASPHALT REMOVAL	
HATCHING: CONCRETE REMOVAL	
HATCHING: STAGING AREA	
LINE (CENTER OF IMPROVEMENTS)	
LINE (CITY LIMITS)	
LINE (CONTROL)	
LINE (EASEMENT)	
LINE (MONUMENT/SECTION)	
LINE (PROPERTY)	
LINE (RIGHT OF WAY)	
MATCH LINE	SEE SHEET NO. ?
PIPE (IRRIGATION)	
PIPE (SIPHON)	

SYMBOLS	PROJECT NO.
BENCH MARK	
CATCH BASIN	
CLEAN OUT	
CURB STOP	
FIRE HYDRANT	
GUY WIRE ANCHOR	
HEADGATE	
IRRIGATION PUMP	
MAILBOX	
MANHOLE (ELECTRIC)	
MANHOLE (GAS)	
MANHOLE (SANITARY/STORM)	
MANHOLE (TELEPHONE)	
MANHOLE (TV)	
MANHOLE (WATER)	
METER (GAS)	
METER (WATER)	
PEDESTAL (TELEPHONE)	
PEDESTAL (TV)	
PROPERTY PIN	
PULL BOX	
REDUCER FITTING	
SIGN OR POST (SIGN TYPE NOTED)	
SPRINKLER HEAD	
STREET LIGHT	
SURVEY MONUMENT (CITY)	
SURVEY MONUMENT (TYPE NOTED)	
TEST HOLE	
TRAFFIC PAINT MARKING	
TRAFFIC SIGNAL POLE AND MAST ARM	
UTILITY POLE	
VALVE (GAS)	
VALVE (IRRIGATION)	
VALVE (WATER)	
VEGETATION (HEDGE OR BUSH)	
VEGETATION (TREE STUMP)	
VEGETATION (TREE) (CALIPER SIZE NOTED)	
WATER HYDRANT	
WEIR	
YARD LIGHT	

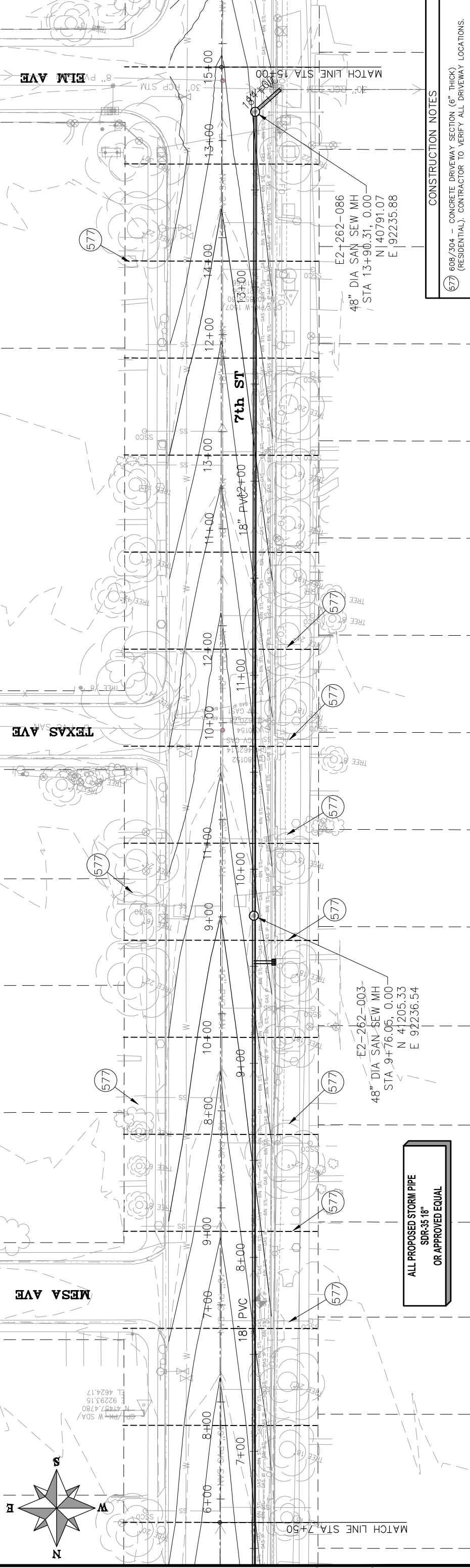
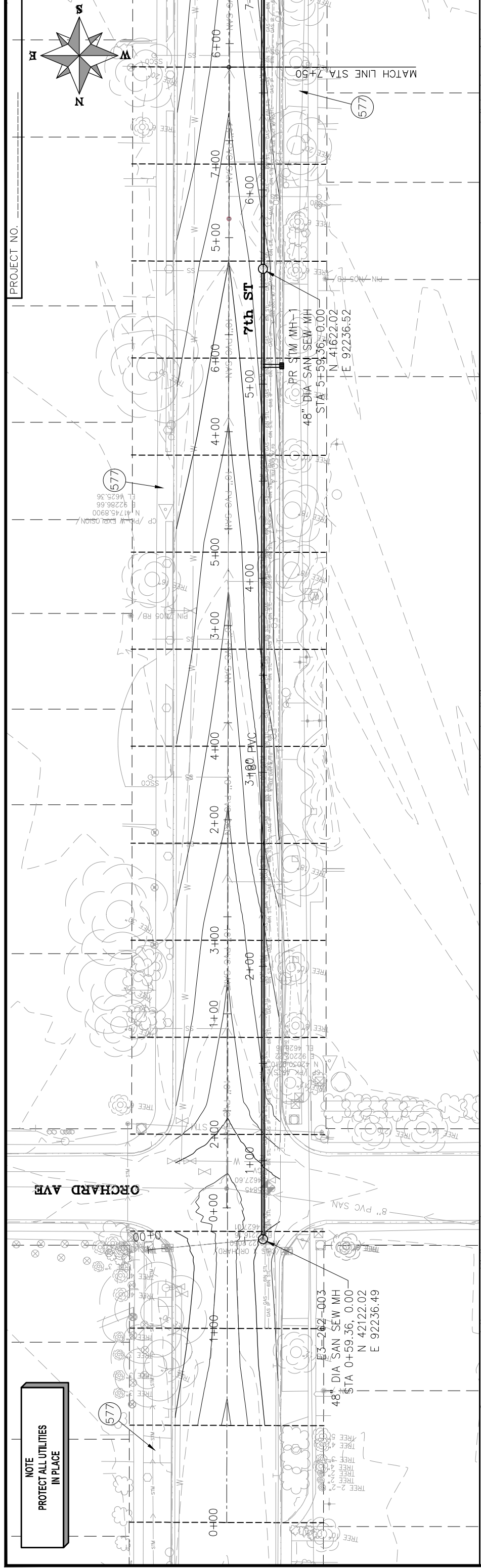


Grand Junction
C O L O R A D O

PUBLIC WORKS
ENGINEERING DIVISION

CITY OF GRAND JUNCTION
STANDARD ABBREVIATIONS, LEGEND,
AND SYMBOLS

2



PROJECT NO.

NOTE
PROTECT ALL UTILITIES
IN PLACE

ALL PROPOSED STORM PIPE
SDR-35 18"
OR APPROVED EQUAL

CONSTRUCTION NOTES
608/304 - CONCRETE DRIVEWAY SECTION (6" THICK (RESIDENTIAL)). CONTRACTOR TO VERIFY ALL DRIVEWAY LOCATIONS.

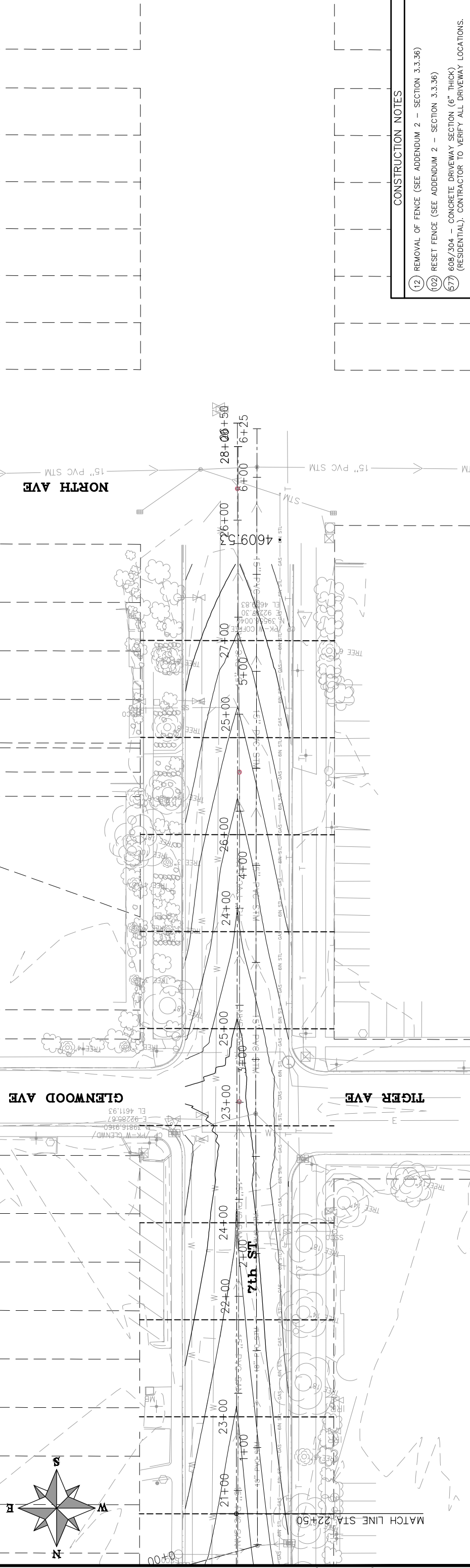
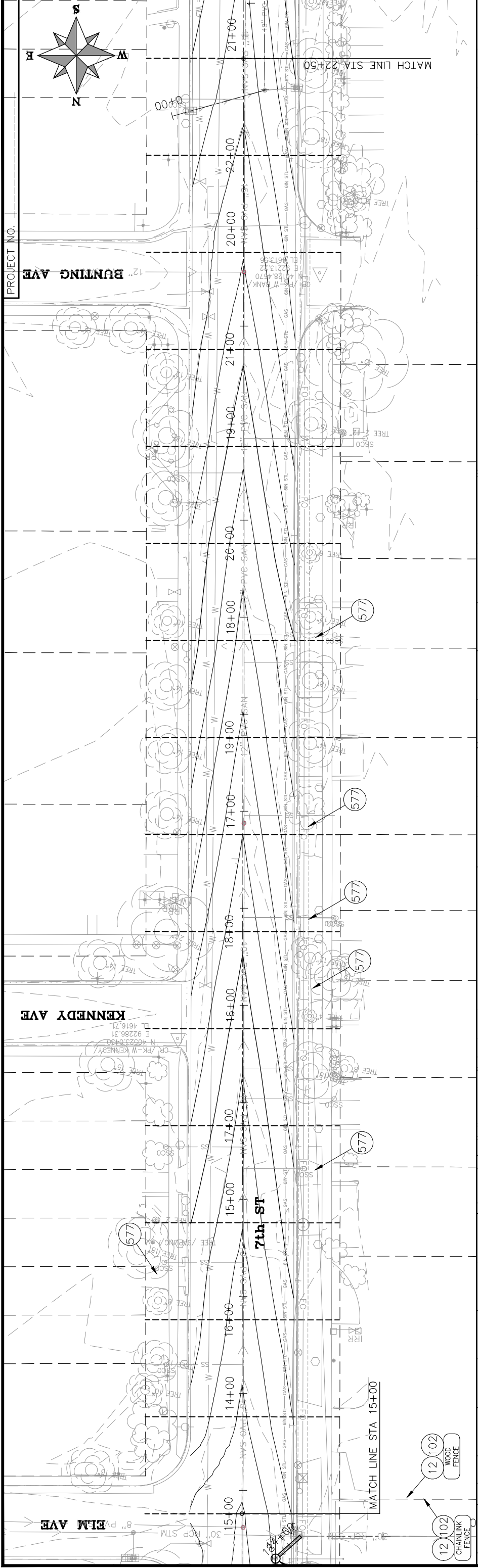
REVISION	DESCRIPTION	DATE	DRAWN BY	DATE

CITY OF
Grand Junction
COLORADO

PUBLIC WORKS
ENGINEERING DIVISION

7TH STREET RECONSTRUCTION
STA 0+00 - STA 15+00

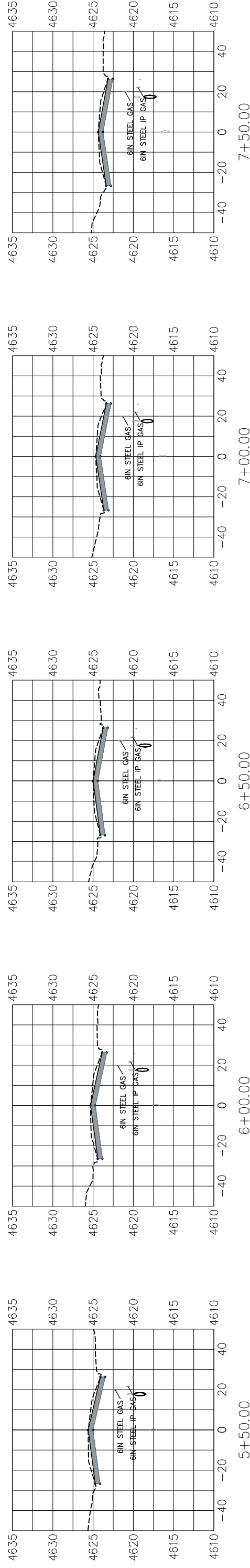
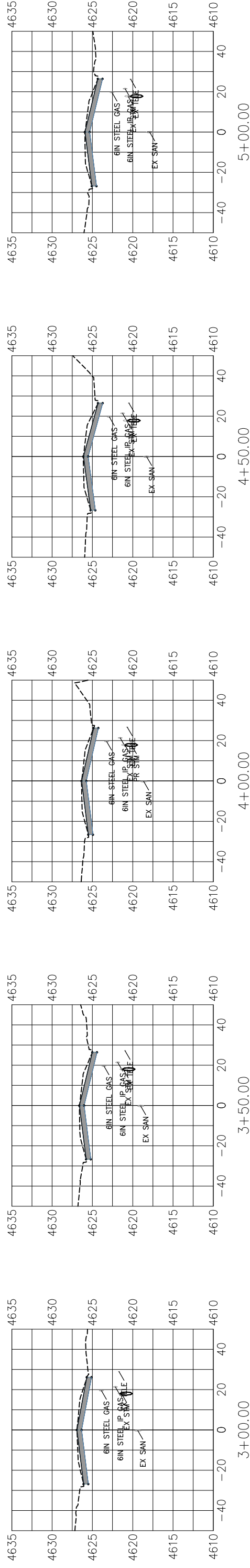
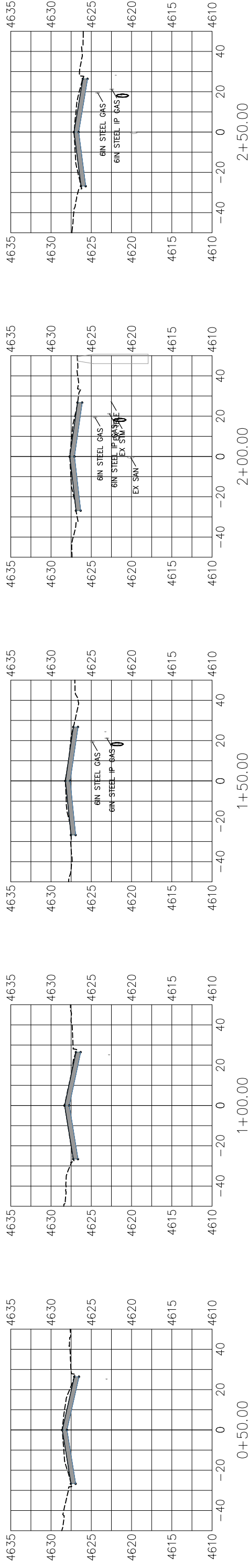
3



- CONSTRUCTION NOTES**
- 12 REMOVAL OF FENCE (SEE ADDENDUM 2 - SECTION 3.3.36)
 - 102 RESET FENCE (SEE ADDENDUM 2 - SECTION 3.3.36)
 - 608/304 - CONCRETE DRIVEWAY SECTION (6" THICK (RESIDENTIAL)). CONTRACTOR TO VERIFY ALL DRIVEWAY LOCATIONS.

REVISION Δ REVISION Δ REVISION Δ REVISION Δ	DESCRIPTION 	DATE 	DRAWN BY DESIGNED BY CHECKED BY APPROVED BY	DATE 	DATE 	DATE 	DATE
SCALES: PLAN & PROFILE HORIZONTAL: 1" = 50' 12.5' 25' VERTICAL: 1" =							
PUBLIC WORKS ENGINEERING DIVISION							
7TH STREET RECONSTRUCTION STA 0+00 - STA 28+00							
4							

PROJECT NO. _____



REVISION	DESCRIPTION	DATE

DRAWN BY _____ DATE _____
 DESIGNED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____

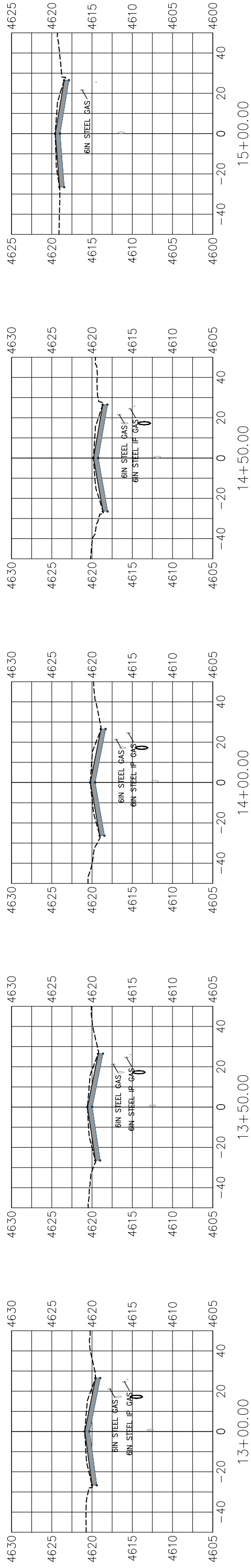
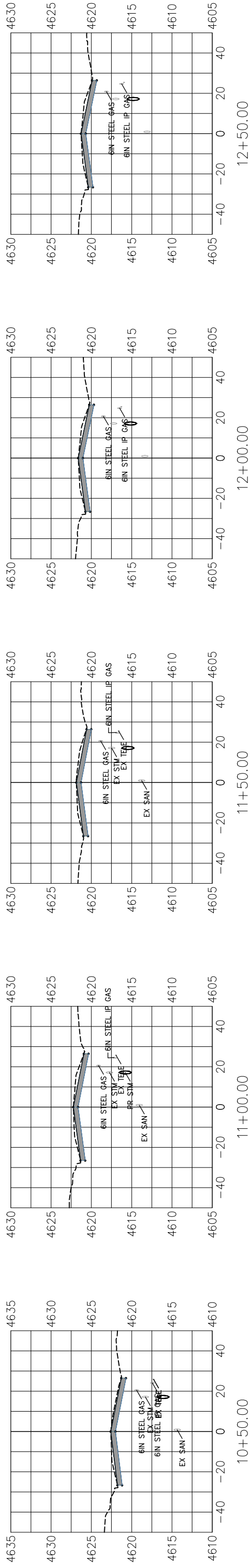
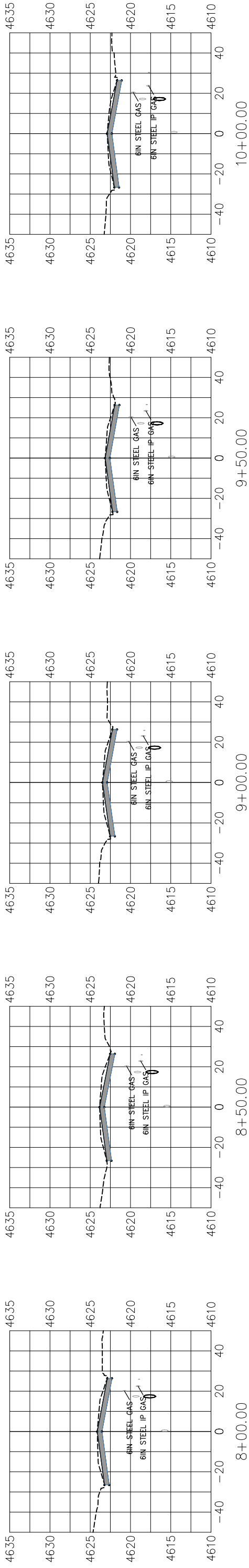
SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 50'
 0 12.5 25 50
 VERTICAL: 1" = 12.5'
 0 3.13 6.25 12.5



PUBLIC WORKS
 ENGINEERING DIVISION

7TH STREET RECONSTRUCTION
 SECTION VIEWS
 STA 0+50 - STA 7+50

PROJECT NO.



REVISION	DESCRIPTION	DATE

DRAWN BY _____ DATE _____
 DESIGNED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 50'
 0 12.5 25 50
 VERTICAL: 1" = 12.5'
 0 3.13 6.25 12.5

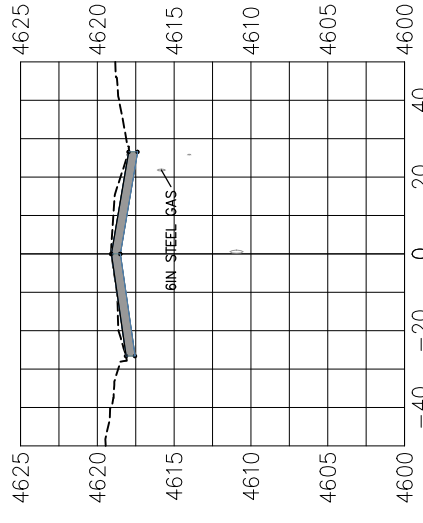


PUBLIC WORKS
 ENGINEERING DIVISION

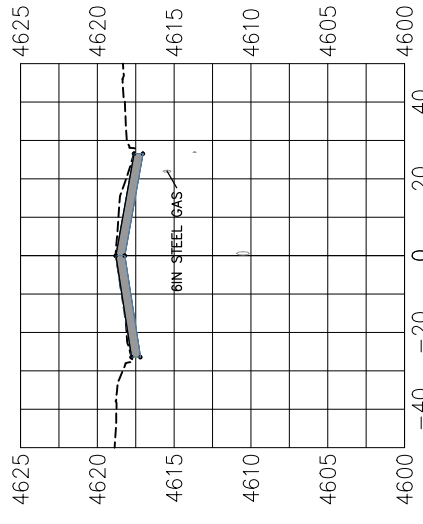
7TH STREET RECONSTRUCTION
 SECTION VIEWS
 STA 8+00 - STA 15+00

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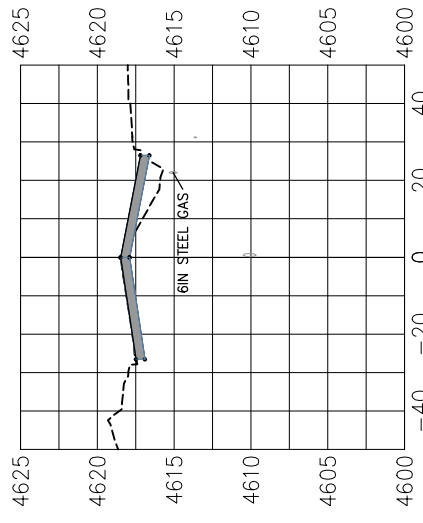
PROJECT NO. _____



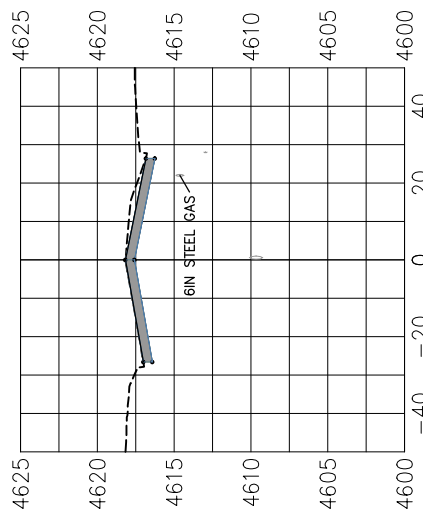
15+50.00



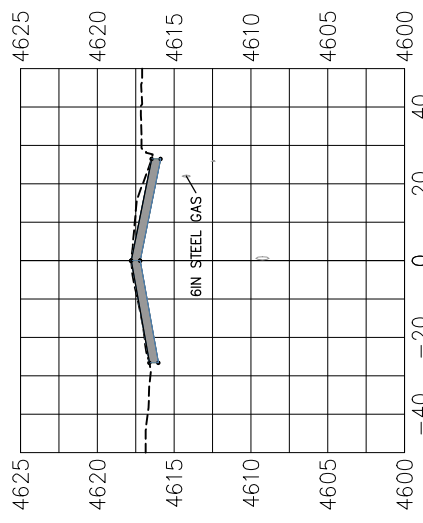
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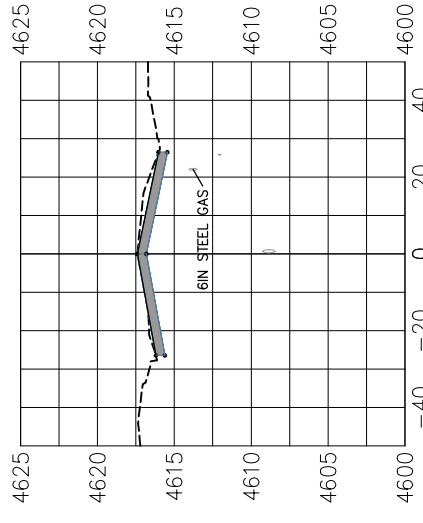
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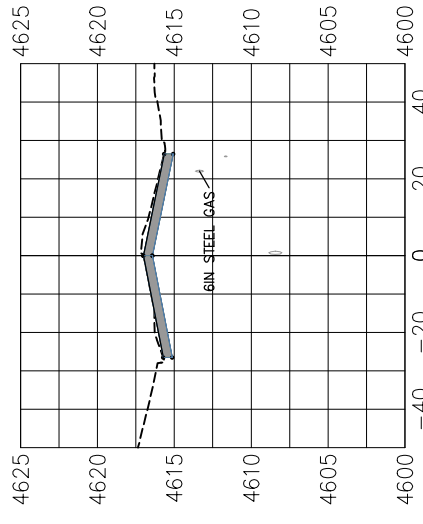
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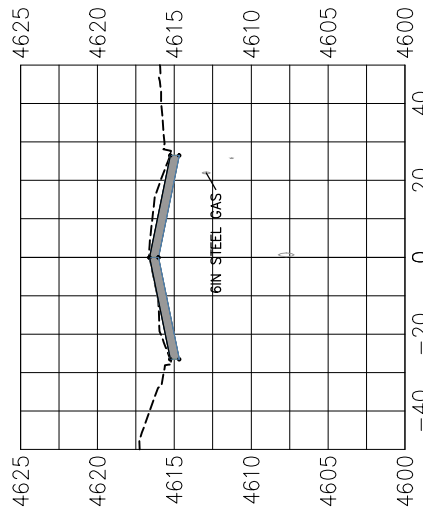
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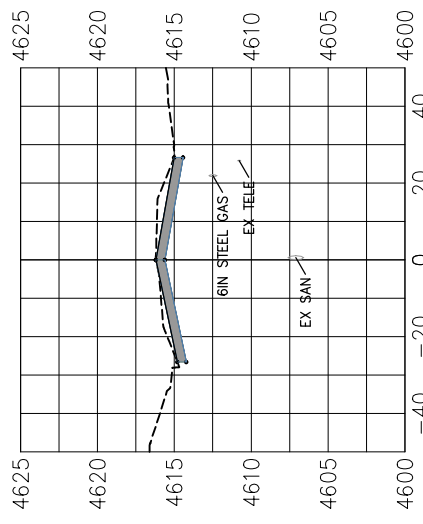
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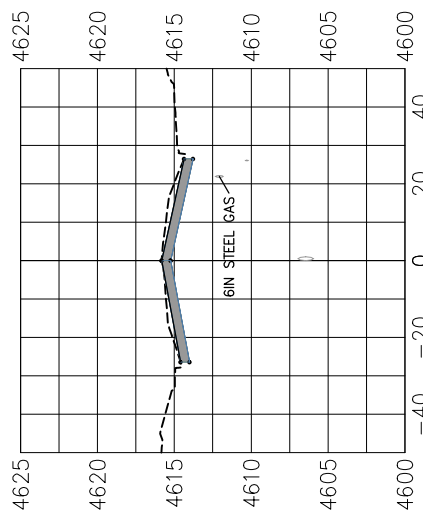
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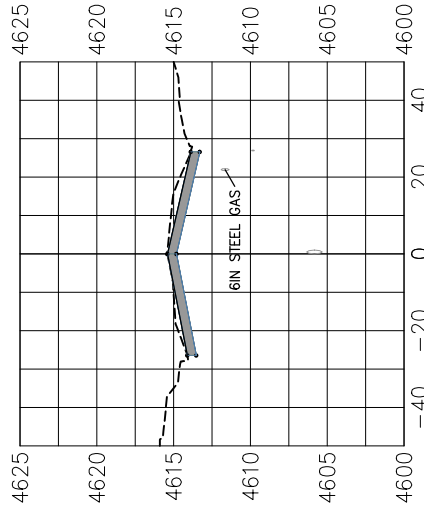
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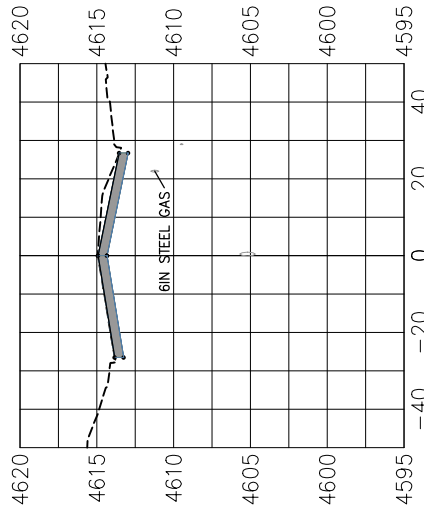
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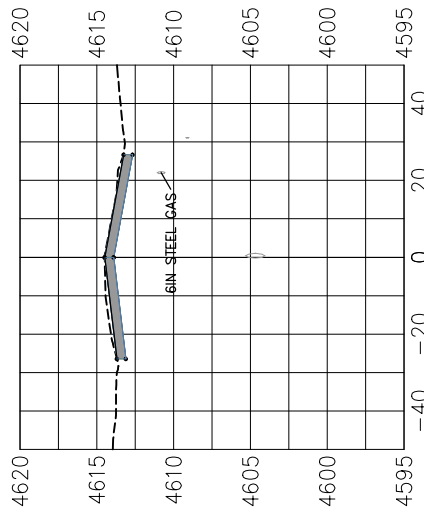
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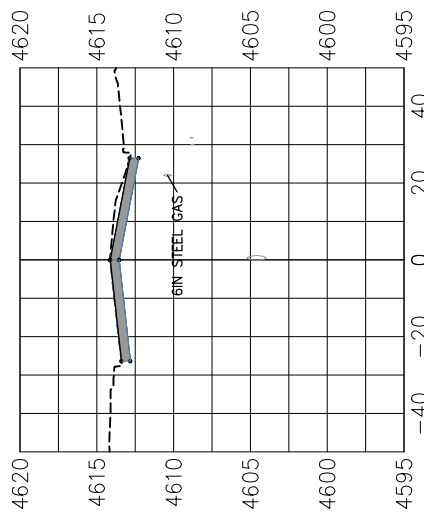
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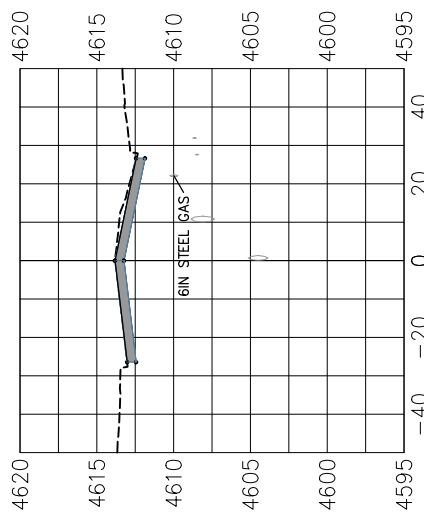
21+00.00



21+50.00



22+00.00



22+50.00

REVISION	DESCRIPTION	DATE	DRAWN BY	DATE
REVISION			DESIGNED BY	DATE
REVISION			CHECKED BY	DATE
REVISION			APPROVED BY	DATE

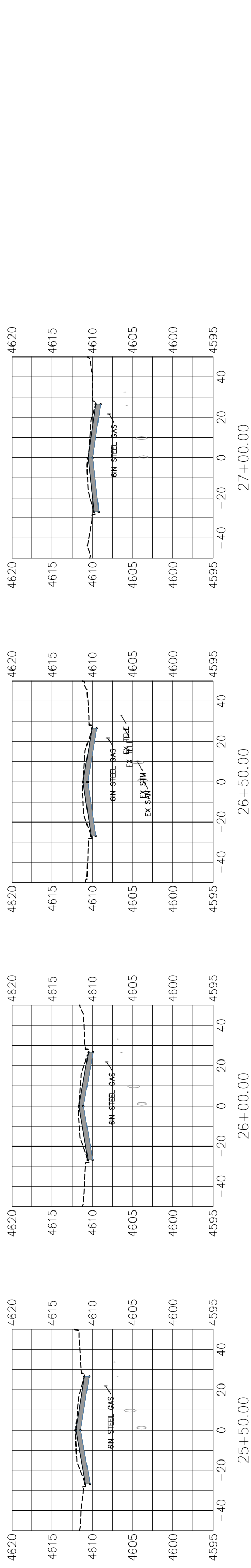
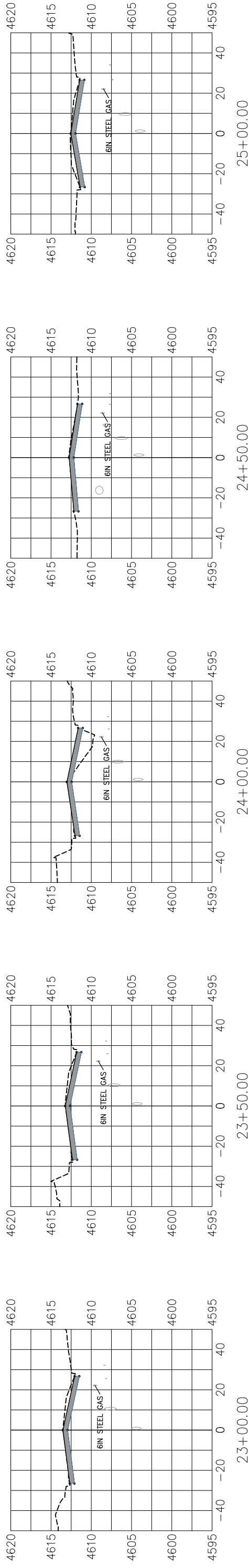
SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 50'
 0 12.5 25 50
 VERTICAL: 1" = 12.5'
 0 3.13 6.25 12.5



PUBLIC WORKS
 ENGINEERING DIVISION

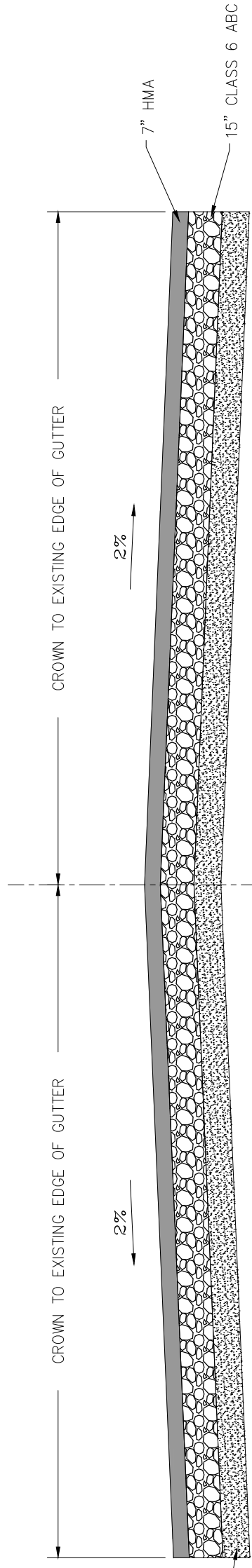
7TH STREET RECONSTRUCTION
 SECTION VIEWS
 STA 15+50 - STA 22+50

PROJECT NO. _____



TYPICAL SECTION

SCALE: 1" = 5'



12" MOISTURE CONDITIONED SUB GRADE OR
18" CLASS 3 ABC STABILIZATION AS NEEDED
UNDERLAIN BY MIRAFL RS 580i (OR
APPROVED EQUAL) AS NEEDED

REVISION	DESCRIPTION	DATE	DRAWN BY	DATE
1				
2				
3				
4				

SCALE: PLAN & PROFILE	HORIZONTAL: 1" = 50'	VERTICAL: 1" = 12.5'
	0 12.5 25	0 3.13 6.25 12.5

DESIGNED BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE



**PUBLIC WORKS
ENGINEERING DIVISION**

**7TH STREET RECONSTRUCTION
SECTION VIEWS
STA 23+00 - STA 27+00**