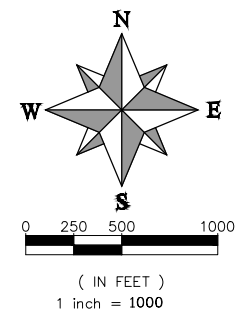
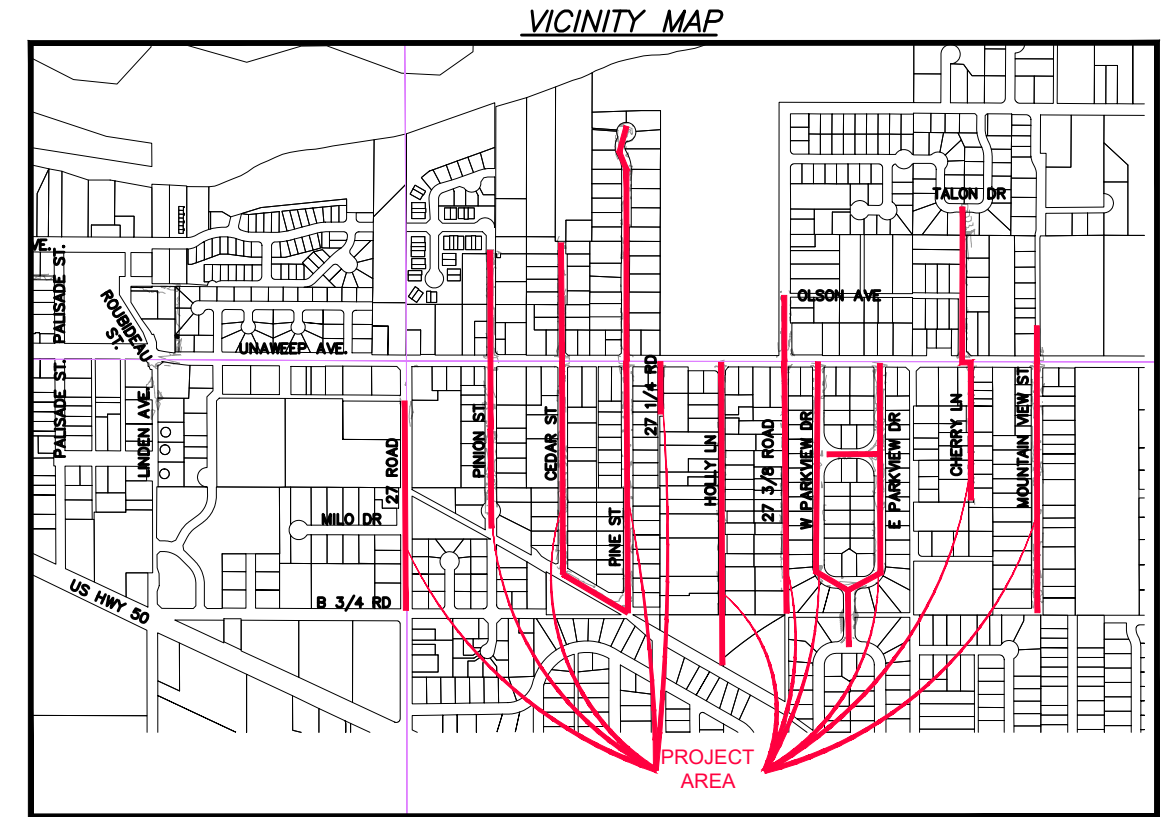


2022 SEWER LINE REPLACEMENT – Parses 2-4

1 — Cover Sheet	
2 — Standard Abbreviations, Legend and Symbols	
3 — Project Control Map	
4 — Pinion St. P&P	Sta 100 + 00 — 102 + 00
5 — Pinion St. P&P	Sta 102 + 00 — 104 + 00
6 — Pinion St. P&P	Sta 104 + 00 — 106 + 00
7 — Pinion St. P&P	Sta 106 + 00 — 108 + 00
8 — Pinion St. P&P	Sta 108 + 00 — 110 + 00
9 — Pinion St. P&P	Sta 110 + 00 — 112 + 00
10 — Pinion St. P&P	Sta 112 + 00 — 114 + 00
11 — Cedar St. P&P	Sta 10 + 00 — 12 + 00
12 — Cedar St. P&P	Sta 12 + 00 — 14 + 00
13 — Cedar St. P&P	Sta 14 + 00 — 16 + 00
14 — Cedar St. P&P	Sta 16 + 00 — 18 + 00
15 — Cedar St. P&P	Sta 18 + 20 — 20 + 00
16 — Cedar St. P&P	Sta 20 + 40 — 22 + 00
17 — Cedar St. P&P	Sta 22 + 00 — 24 + 00
18 — Cedar St. P&P	Sta 24 + 00 — 26 + 00
19 — Cedar St. P&P	Sta 26 + 00 — 28 + 00
20 — Cedar St. P&P	Sta 100 + 00 — 102 + 00
21 — Cedar St. P&P	Sta 102 + 00 — 104 + 00
22 — Pine St. P&P	Sta 10 + 00 — 12 + 00
23 — Pine St. P&P	Sta 12 + 00 — 14 + 00
24 — Pine St. P&P	Sta 14 + 00 — 16 + 00
25 — Pine St. P&P	Sta 16 + 00 — 18 + 00
26 — Pine St. P&P	Sta 18 + 00 — 20 + 00
27 — Pine St. P&P	Sta 20 + 00 — 22 + 00
28 — Pine St. P&P	Sta 22 + 00 — 24 + 00
29 — Pine St. P&P	Sta 24 + 00 — 26 + 00
30 — Pine St. P&P	Sta 26 + 00 — 28 + 00
31 — Pine St. P&P	Sta 28 + 00 — 30 + 00
32 — Pine St. P&P	Sta 30 + 00 — 32 + 00
33 — Pine St. P&P	Sta 32 + 00 — 34 + 00

34 — Pine St. P&P	Sta 34 + 00 — 36 + 00
35 — 27 1/4 Rd. P&P	Sta 10 + 00 — 13 + 00
36 — Holly Ln. P&P	Sta 10 + 00 — 12 + 00
37 — Holly Ln. P&P	Sta 12 + 00 — 14 + 00
38 — Holly Ln. P&P	Sta 14 + 00 — 16 + 00
39 — Holly Ln. P&P	Sta 16 + 00 — 18 + 00
40 — Holly Ln. P&P	Sta 18 + 00 — 20 + 00
41 — Holly Ln. P&P	Sta 20 + 00 — 22 + 00
42 — Holly Ln. P&P	Sta 22 + 00 — 24 + 00
43 — Holly Ln. P&P	Sta 24 + 00 — 26 + 00
44 — 27 3/8 Rd. P&P	Sta 10 + 00 — 12 + 00
45 — 27 3/8 Rd. P&P	Sta 12 + 00 — 14 + 00
46 — 27 3/8 Rd. P&P	Sta 14 + 00 — 16 + 00
47 — 27 3/8 Rd. P&P	Sta 16 + 00 — 18 + 00
48 — 27 3/8 Rd. P&P	Sta 18 + 00 — 20 + 00
49 — 27 3/8 Rd. P&P	Sta 20 + 00 — 22 + 00
50 — 27 3/8 Rd. P&P	Sta 22 + 00 — 24 + 00
51 — 27 3/8 Rd. P&P	Sta 24 + 00 — 26 + 00
52 — 27 3/8 Rd. P&P	Sta 26 + 00 — 28 + 00
53 — W Parkview Dr. P&P	Sta 10 + 00 — 12 + 00
54 — W Parkview Dr. P&P	Sta 12 + 00 — 14 + 00
55 — W Parkview Dr. P&P	Sta 14 + 00 — 16 + 00
56 — W Parkview Dr. P&P	Sta 16 + 00 — 18 + 00
57 — W Parkview Dr. P&P	Sta 18 + 00 — 20 + 00
58 — W Parkview Dr. P&P	Sta 20 + 00 — 22 + 00
59 — W Parkview Dr. P&P	Sta 22 + 00 — 24 + 00
60 — W Parkview Dr. P&P	Sta 24 + 00 — 26 + 00
61 — E Parkview Dr. P&P	Sta 100 + 00 — 102 + 00
62 — E Parkview Dr. P&P	Sta 102 + 00 — 104 + 00
63 — E Parkview Dr. P&P	Sta 104 + 00 — 106 + 00
64 — E Parkview Dr. P&P	Sta 106 + 00 — 108 + 00
65 — E Parkview Dr. P&P	Sta 108 + 00 — 110 + 00

66 — E Parkview Dr. P&P	Sta 110 + 00 — 112 + 00
67 — E Parkview Dr. P&P	Sta 112 + 00 — 114 + 00
68 — Parkview Dr. P&P	Sta 200 + 00 — 202 + 50
69 — Cherry Ln. P&P	Sta 10 + 00 — 12 + 00
70 — Cherry Ln. P&P	Sta 12 + 00 — 14 + 00
71 — Cherry Ln. P&P	Sta 14 + 00 — 16 + 00
72 — Cherry Ln. P&P	Sta 16 + 00 — 18 + 00
73 — Cherry Ln. P&P	Sta 18 + 00 — 20 + 00
74 — Cherry Ln. P&P	Sta 20 + 00 — 22 + 00
75 — Cherry Ln. P&P	Sta 22 + 00 — 24 + 00
76 — Mountain View St. P&P	Sta 10 + 00 — 12 + 00
77 — Mountain View St. P&P	Sta 12 + 00 — 14 + 00
78 — Mountain View St. P&P	Sta 14 + 00 — 16 + 00
79 — Mountain View St. P&P	Sta 16 + 00 — 18 + 00
80 — Mountain View St. P&P	Sta 18 + 00 — 20 + 00
81 — Mountain View St. P&P	Sta 20 + 00 — 22 + 00
82 — Mountain View St. P&P	Sta 22 + 00 — 24 + 00
83 — Mountain View St. P&P	Sta 24 + 00 — 26 + 00
84 — 27 Rd. P&P	Sta 10 + 00 — 12 + 00
85 — 27 Rd. P&P	Sta 12 + 00 — 14 + 00
86 — 27 Rd. P&P	Sta 14 + 00 — 16 + 00
87 — 27 Rd. P&P	Sta 16 + 00 — 18 + 00
88 — 27 Rd. P&P	Sta 18 + 00 — 20 + 20
89 — Cherry Ln. Water Line	Sta 10 + 00 — 12 + 00
90 — Cherry Ln. Water Line	Sta 12 + 00 — 14 + 00
91 — Cherry Ln. Water Line	Sta 14 + 00 — 16 + 00
92 — Cherry Ln. Water Line	Sta 16 + 00 — 18 + 00



UTILITIES AND AGENCIES								
AGENCY	NAME	POSITION	ROLE	MAILING ADDRESS	STREET ADDRESS	CITY, STATE	VOICE-WK	FAX
CITY OF GRAND JUNCTION	Toby Thieman	PROJECT ENGINEER	PROJECT ENGINEER	333 WEST AVE BLDG C	333 WEST AVE BLDG C	GRAND JCT., CO 81501	(970) 244-1559	(970) 256-4022
CITY OF GRAND JUNCTION	Toby Thieman	PROJECT ENGINEER	SANITARY SEWER	333 WEST AVE BLDG C	333 WEST AVE BLDG C	GRAND JCT., CO 81501	(970) 244-1559	(970) 256-4022
ORCHARD MESA IRRIGATION	MAX SCHMIDT	MANAGER	IRRIGATION	668 38 RD	668 38 RD	PALISADE, CO 81526	(970) 464-7885	(970) 464-5928
SPECTRUM	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
UTE WATER	JUSTIN BATES	SUPERVISOR	WATER	PO BOX 460	2190 H 1/4 RD	GRAND JCT., CO 81502	(970) 242-7491	(970) 242-9189
XCEL	STEVE PIBURN	UNIT MANAGER	ELECTRIC	2538 BLICHMANN AVE	2538 BLICHMANN AVE	GRAND JCT., CO 81506	(970) 244-2664	(970) 244-2664
XCEL	SARAH DARRICAU	UNIT MANAGER	GAS	2538 BLICHMANN AVE	2538 BLICHMANN AVE	GRAND JCT., CO 81506	(970) 244-2656	(970) 244-2656

PROJECT NO. F0016-F001641L

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	DESCRIPTION	DATE
REVISION Δ XXX		201X
REVISION Δ XXX		201X
REVISION Δ XXX		201X
REVISION Δ XXX		201X


Public Works
Engineering Division



DRAWING STATUS:	
●	PROGRESS
○	FINAL CONSTRUCTION DRAWINGS
○	ASBUILT
DESIGNED BY:	
TOBY THIEMAN	04/2022
REVIEWED BY:	
KEN HALEY, ENGINEERING MANAGER	04/2022
AUTHORIZED FOR CONSTRUCTION	
KEN HALEY, ENGINEERING MANAGER	04/2022
ACCEPTED AS CONSTRUCTED	
XXX, PROJECT ENGINEER	201X

2021 SEWER LINE REPLACEMENT – PHASE A

ABBREVIATIONS

AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY & TRANSPORTATION OFFICIALS
ABC	AGGREGATE BASE COURSE
AC	ASBESTOS CEMENT
AP	ANGLE POINT
ASB	ANCHORED STRAW BALES
ASP	ALUMINIZED STEEL PIPE
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	BETTER STORM WATER MANAGEMENT PRACTICES
CH	CHORD
CAP	CORRUGATED ALUMINUM PIPE
CDOT	COLORADO DEPARTMENT OF TRANSPORTATION
CI	CAST IRON
C,G,& SW	CURB, GUTTER & SIDEWALK
C	CENTER LINE
CL	CLEAR
OMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
COMB	COMBINATION (AS IN STORM SEWER AND SANITARY SEWER)
CONC	CONCRETE
CSM	CITY SURVEY MONUMENT
CSP	CORRUGATED STEEL PIPE
CU	COPPER
DI	DUCTILE IRON
DWY	DRIVEWAY
E	ELECTRIC
ECR	END CURB RETURN
EG	EDGE OF GUTTER
EL	ELEVATION
EP	EDGE OF PAVEMENT
EX	EXISTING
FB	FULL BODY
FC	FACE OF CURB
FG	FINISHED GRADE
F	FLOW LINE
FL	FLANGE
FM	FORCE MAIN
FO	FIBER OPTICS
FS	FAR SIDE
FTG	FOOTING
G	GAS
GB	GRADE BREAK
GM	GAS METER
GV	GATE VALVE
HBP	HOT BITUMINOUS PAVEMENT
HDPE	HIGH DENSITY POLYETHYLENE
INV	INVERT
IRR	IRRIGATION
L	LENGTH OF ARC
LC	LONG CHORD
LF	LINEAR FEET
LL	LONG ARC
LS	SHORT ARC
LT	LEFT
MB	MAILBOX
MCSM	MESA COUNTY SURVEY MONUMENT
MH	MANHOLE
MJ	MECHANICAL JOINT
MW	MILL WRAP
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NOP	NO ONE PERSON
NRCP	NON-REINFORCED CONCRETE PIPE
NS	NEAR SIDE
NTS	NOT TO SCALE
OHP	OVERHEAD POWER
OHT	OVERHEAD TELEPHONE
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PE	POLYETHYLENE
PERF	PERFORATED
PI	POINT OF INTERSECTION
PIP	PLASTIC IRRIGATION PIPE
POC	POINT ON CURVE
POT	POINT ON TANGENT
PR	PROPOSED
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
REQ'D	REQUIRED
RG	RESTRAINED GLANDS
RI	RIGHT RADIUS
ROW	RIGHT OF WAY
RP	RADIUS POINT
RR	RAIL ROAD
RS	SHORT RADIUS
RT	RIGHT
S	SLOPE
SAN	SANITARY
SC	SHORT CHORD
SCD	STANDARD 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
STL	STEEL
STM	STORM
T	TELEPHONE
TAN	LENGTH OF TANGENT
TC	TOP OF CURB
TH	TEST HOLE
TV	TELEVISION
(TYP)	TYPICAL
UU	UNDERGROUND UTILITIES
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VPC	VERTICAL POINT OF CURVATURE
VPCC	VERTICAL POINT OF COMPOUND CURVATURE
VPRC	VERTICAL POINT OF REVERSE CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENCY
W	WATER
Δ	DELTA ANGLE

LEGEND

BSWMP	BSWMP	PROPOSED CONCRETE CURB AND GUTTER	
DRAINAGE BASIN BOUNDARY		PROPOSED CONCRETE CURB, GUTTER, & SIDEWALK	
BSWMP ANCHORED STRAW BALES		PROPOSED CONCRETE SIDEWALK	
BSWMP SILT FENCE		PROPOSED "WET" UTILITIES (CONSTRUCTION NOTE WILL INDICATE TYPE, SIZE, AND MATERIAL OF NEW MAIN)	
BSWMP EROSION LOG		8" PVC SANITARY SEWER	
BUILDING		ALL PROPOSED FEATURES NOT SHOWN IN LEGEND WILL BE SHOWN THE SAME AS THEIR EXISTING COUNTERPART, BUT INDICATED BY BOLDER LINETYPE	
CONCRETE CURB AND GUTTER		RAIL ROAD	
CONCRETE CURB, GUTTER, & SIDEWALK		RETAINING WALL	
CONCRETE DITCH		STRIPING (CONTINUOUS WHITE)	
CONCRETE SIDEWALK		STRIPING (DASHED WHITE)	
CULVERT		STRIPING (CONTINUOUS YELLOW)	
EARTH DITCH		STRIPING (DASHED YELLOW)	
EDGE OF GRAVEL		TOP OF SLOPE	
EDGE OF PAVEMENT		CONTOUR LINES (SHOWN BETWEEN TOP & TOE)	
FENCE (BARBED WIRE)		TOE OF SLOPE	
FENCE (CHAIN LINK)		TRAFFIC DETECTOR LOOP	
FENCE (IRON)		UTILITY LINE (ABANDON) (THIS CASE A WATER LINE)	
FENCE (PLASTIC)		UTILITY LINE (CABLE TV)	
FENCE (WOOD)		UTILITY LINE (ELECTRIC)	
FENCE (WOVEN WIRE)		UTILITY LINE (FIBER OPTIC)	
GUARD RAIL		UTILITY LINE (GAS)	
HATCHING: INDICATES ASPHALT REMOVAL		UTILITY LINE (HIGH VOLTAGE OVERHEAD POWER)	
HATCHING: INDICATES CONCRETE REMOVAL		UTILITY LINE (OVERHEAD POWER)	
HATCHING: INDICATES STAGING AREA		UTILITY LINE (OVERHEAD TELEPHONE)	
LINE (CENTER OF IMPROVEMENTS)		UTILITY LINE (SANITARY SEWER)	
LINE (CITY LIMITS)		UTILITY LINE (SANITARY SEWER FORCE MAIN)	
LINE (CONTROL)		UTILITY LINE (STORM SEWER)	
LINE (EASEMENT)		UTILITY LINE (STORM SEWER, PERFORATED)	
LINE (MONUMENT/SECTION)		UTILITY LINE (STORM/SANITARY SEWER SEWER COMBINATION)	
LINE (PROPERTY)		UTILITY LINE (TELEPHONE)	
LINE (RIGHT OF WAY)		UTILITY LINE (WATER)	
MATCH LINE			
PIPE (IRRIGATION)			
PIPE (SIPHON)			

SYMBOLS

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 (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	

NORTH ARROW:

BAR SCALE:

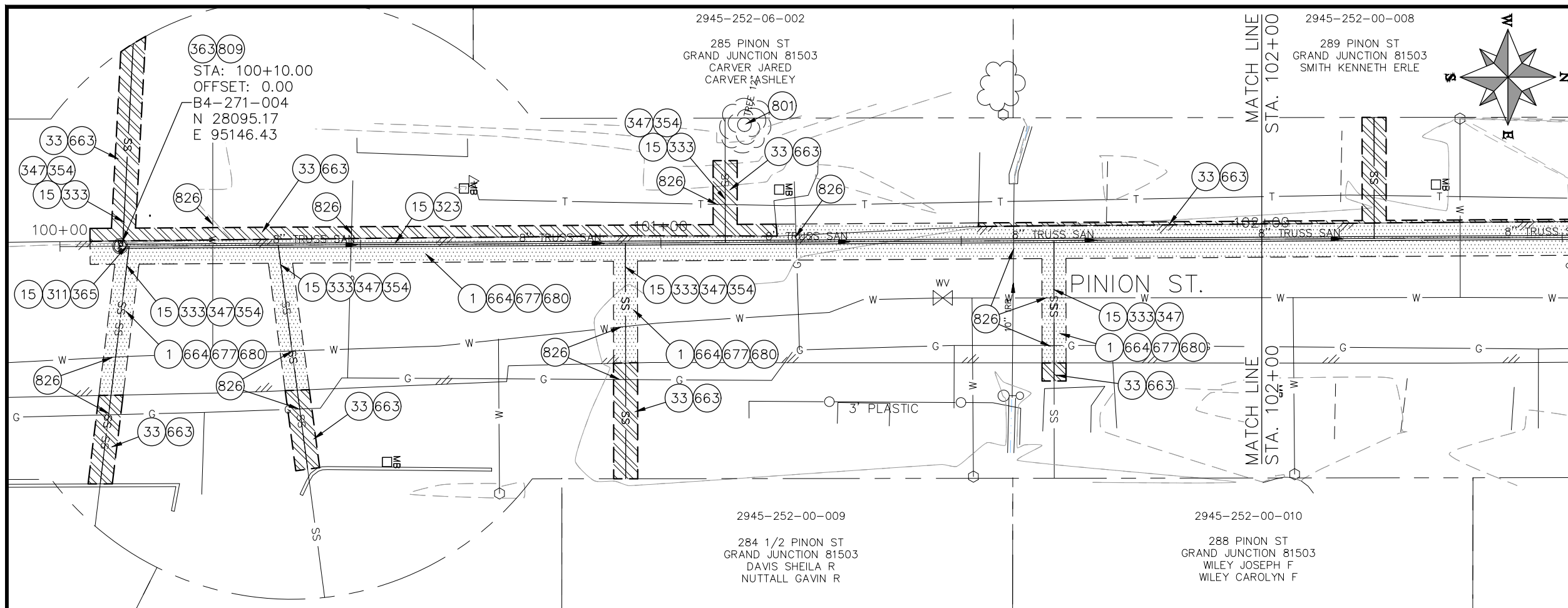
(IN FEET)
1 inch = 20 feet

REVISION	DESCRIPTION	DATE	PROJECT NO.	SCALES: PLAN & PROFILE
REVISION Δ			DRAWN BY JCS DATE 4-02	
REVISION Δ			DESIGNED BY DATE	
REVISION Δ			CHECKED BY DATE	
REVISION Δ			APPROVED BY DATE	

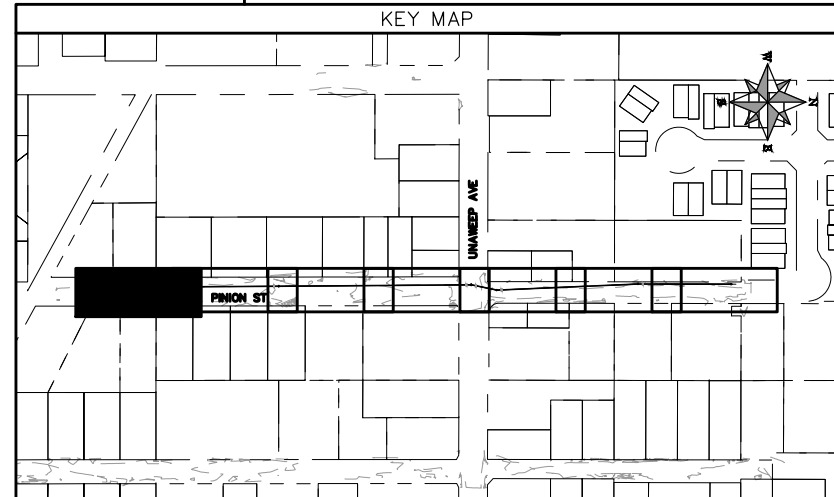
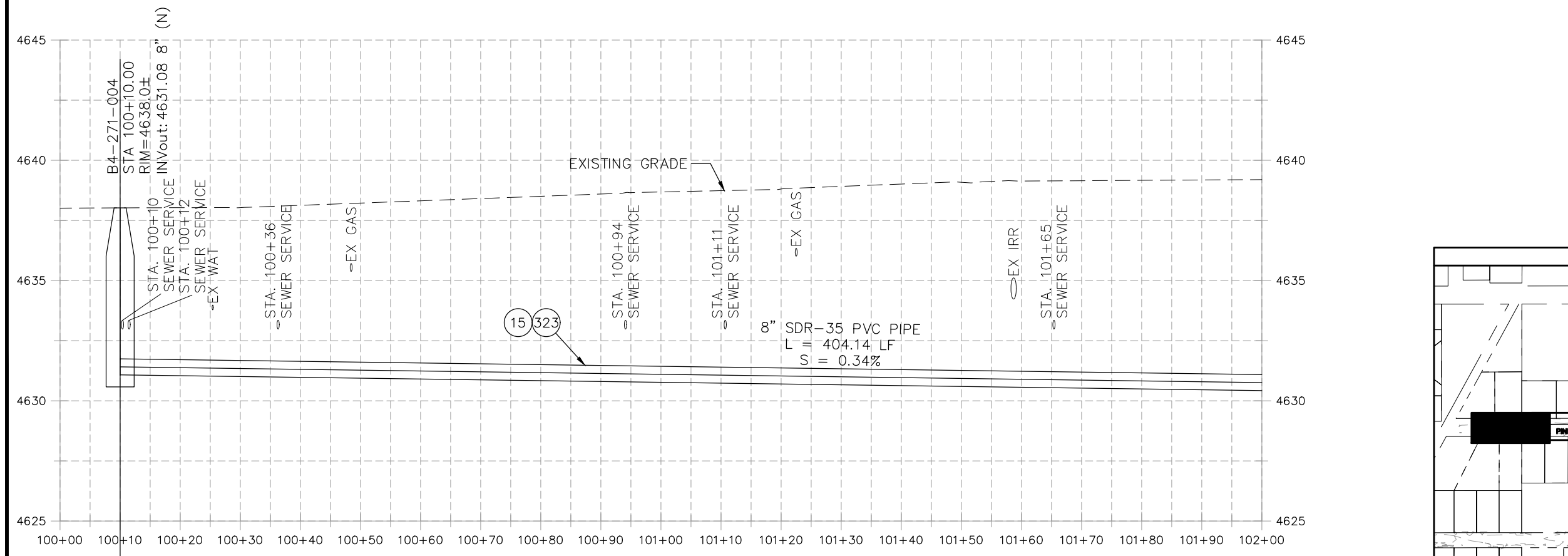


PUBLIC WORKS
ENGINEERING DIVISION

CITY OF GRAND JUNCTION
STANDARD ABBREVIATIONS, LEGEND,
AND SYMBOLS



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 801 PROTECT TREE
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



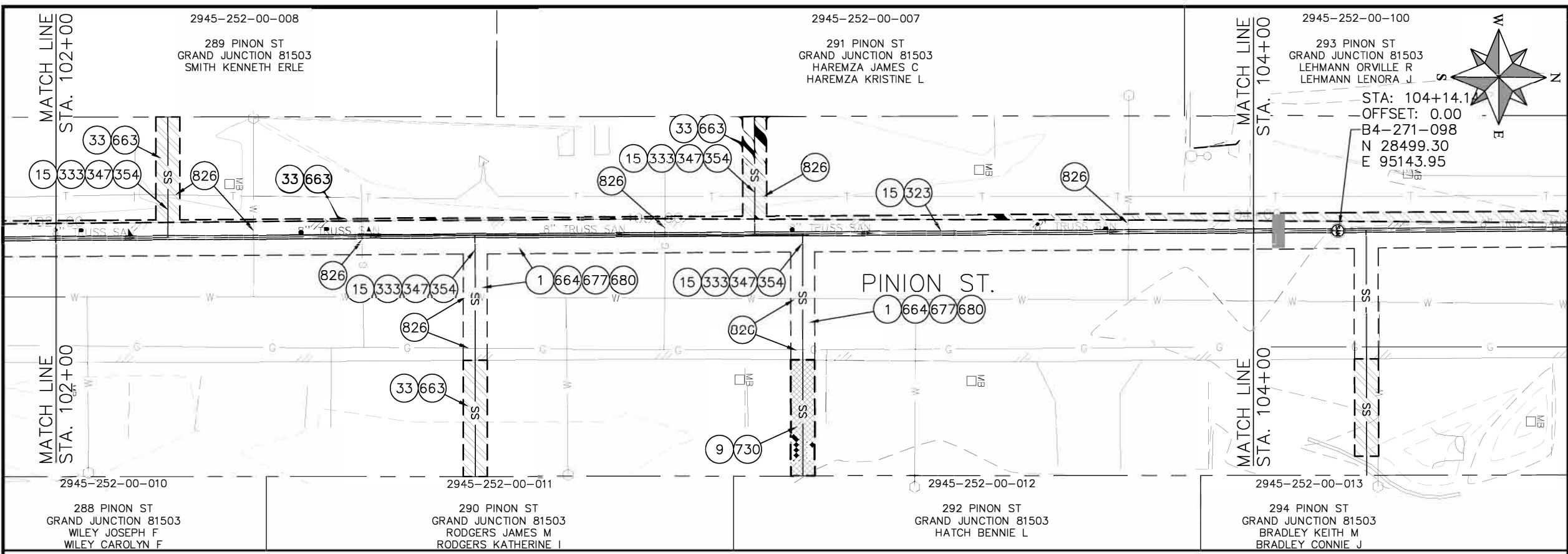
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REVISION Δ XXX		202X	---	04/2021
REVISION Δ XXX		202X	---	4/2021
REVISION Δ XXX		202X	---	2021
REVISION Δ XXX		202X	---	2021

SCALES: PLAN & PROFILE	
HORIZONTAL: 1" = 20'	0 5 10 20
VERTICAL: 1" = 5'	0 1.25 2.5 5

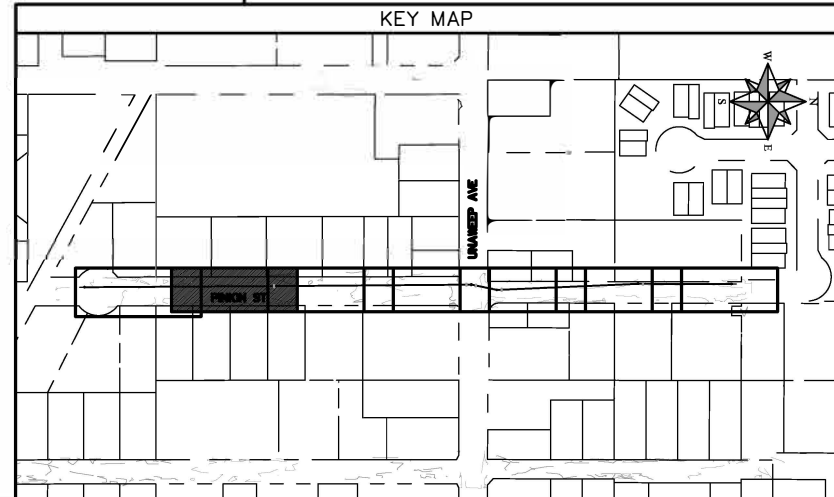
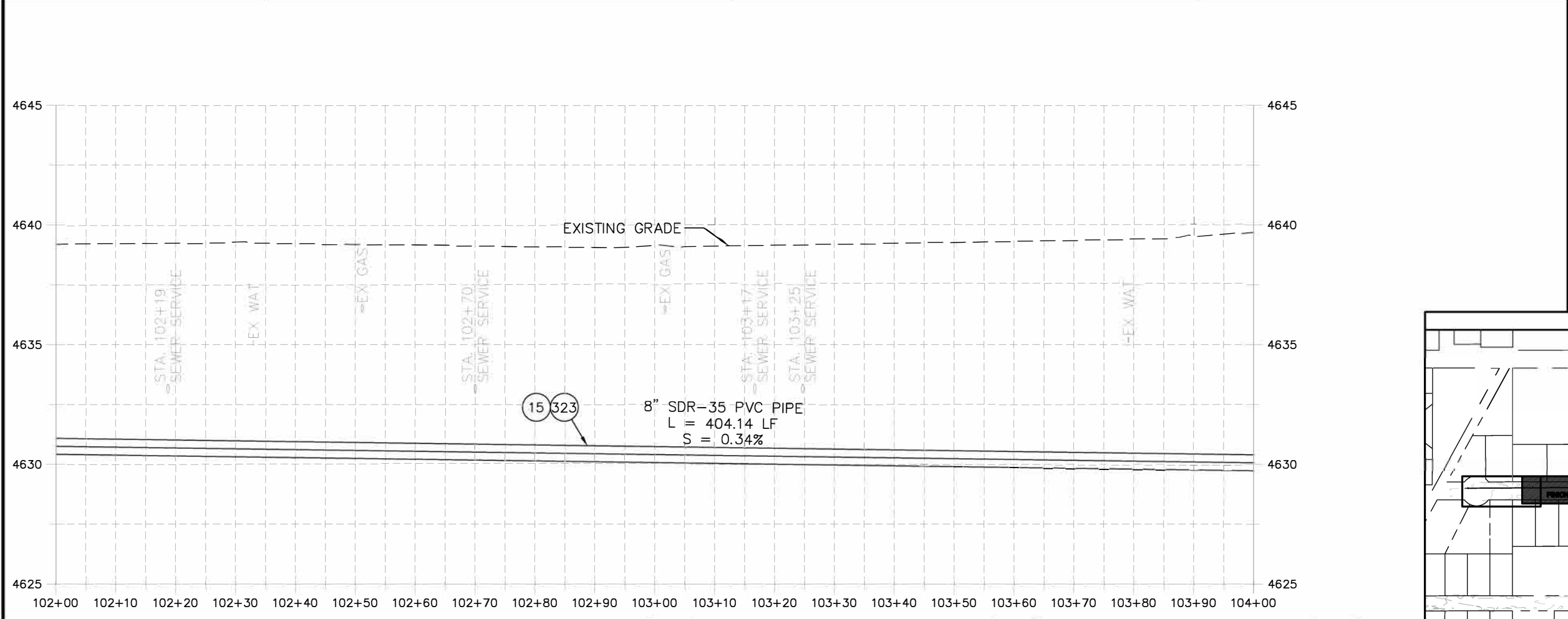


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINION ST PLAN AND PROFILE
STA 100+00 TO STA 102+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 9 202 - REMOVAL OF SOD.
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 730 212 - RESOD AREA AS SHOWN (INCLUDES 6" OF TOPSOIL PLACEMENT PRIOR TO SOD PLACEMENT)
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



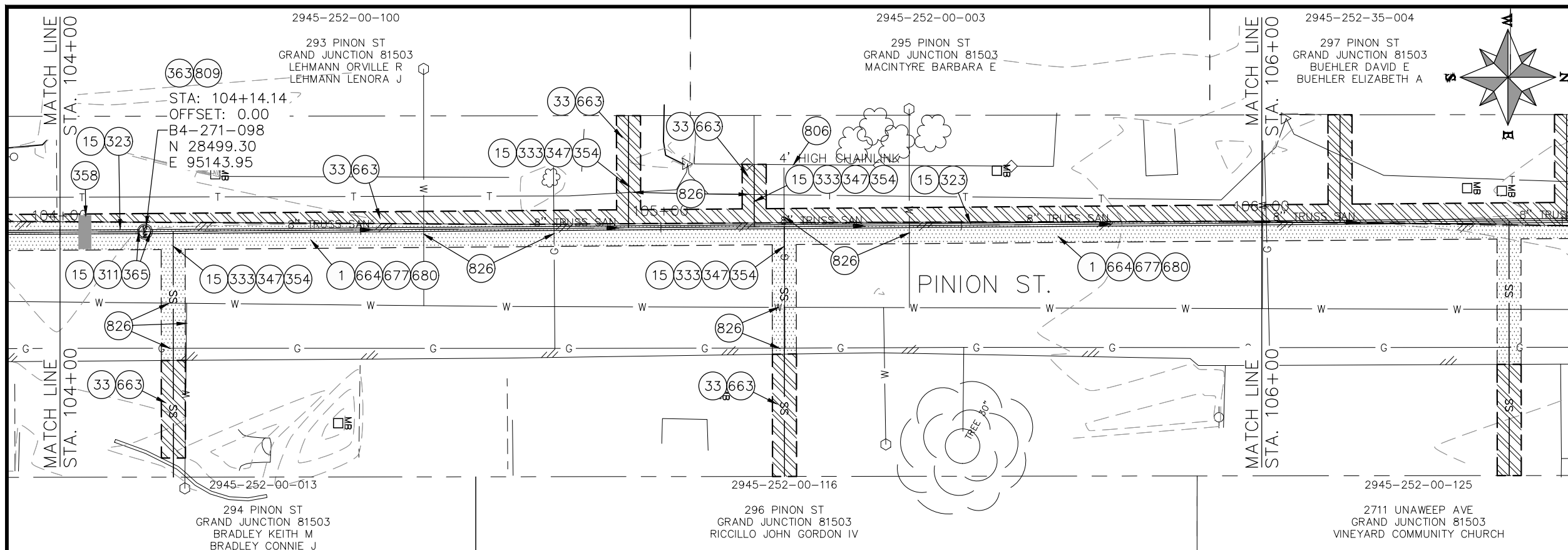
REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
REVISION Δ XXX		202X	DRAWN BY DJM	DATE 04/2021
REVISION Δ XXX		202X	DESIGNED BY DJM	DATE 4/2021
REVISION Δ XXX		202X	CHECKED BY EM	DATE 2021
REVISION Δ XXX		202X	APPROVED BY KH	DATE 2021

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 0 5 10 20
 VERTICAL: 1" = 5'
 0 1.25 2.5 5

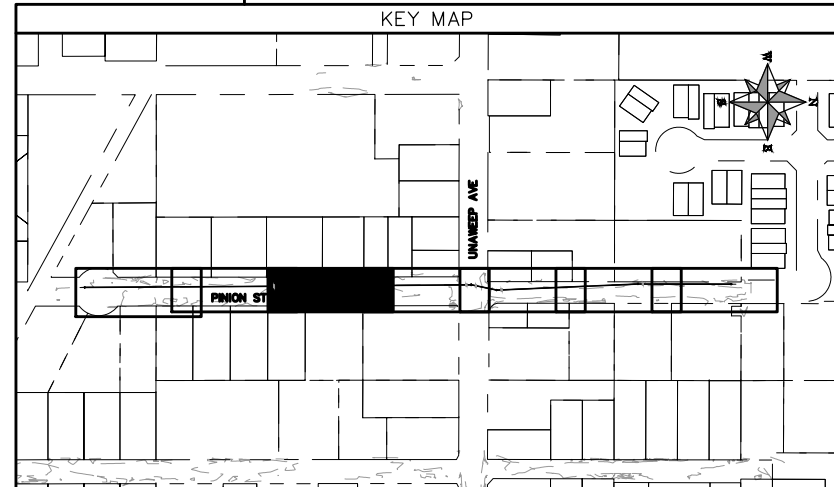
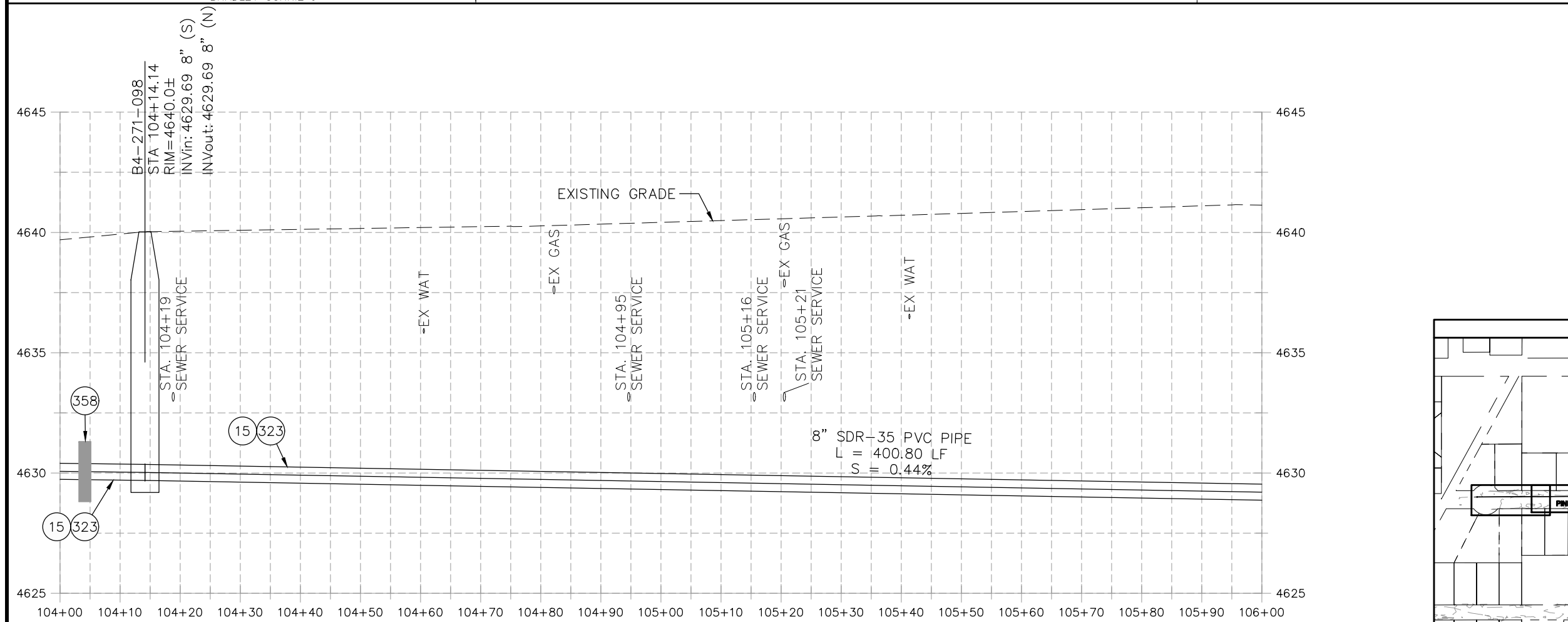


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINON ST PLAN AND PROFILE
STA 102+00 TO STA 104+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



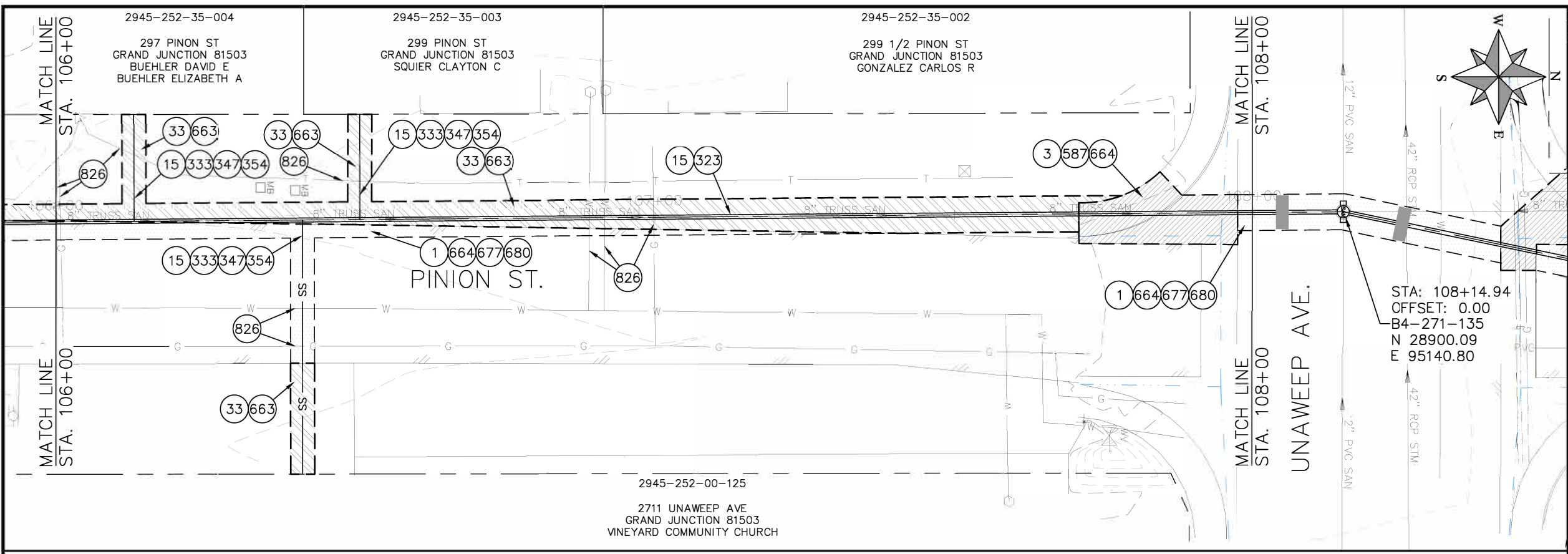
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REVISION Δ XXX		202X	---	4/2021
REVISION Δ XXX		202X	---	2021
REVISION Δ XXX		202X	---	2021

SCALES: PLAN & PROFILE	
HORIZONTAL: 1" = 20'	0 5 10 20
VERTICAL: 1" = 5'	0 1.25 2.5 5

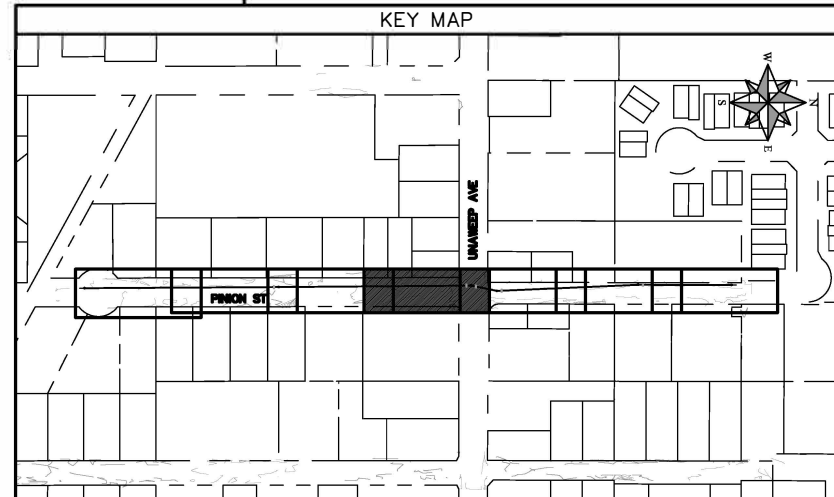
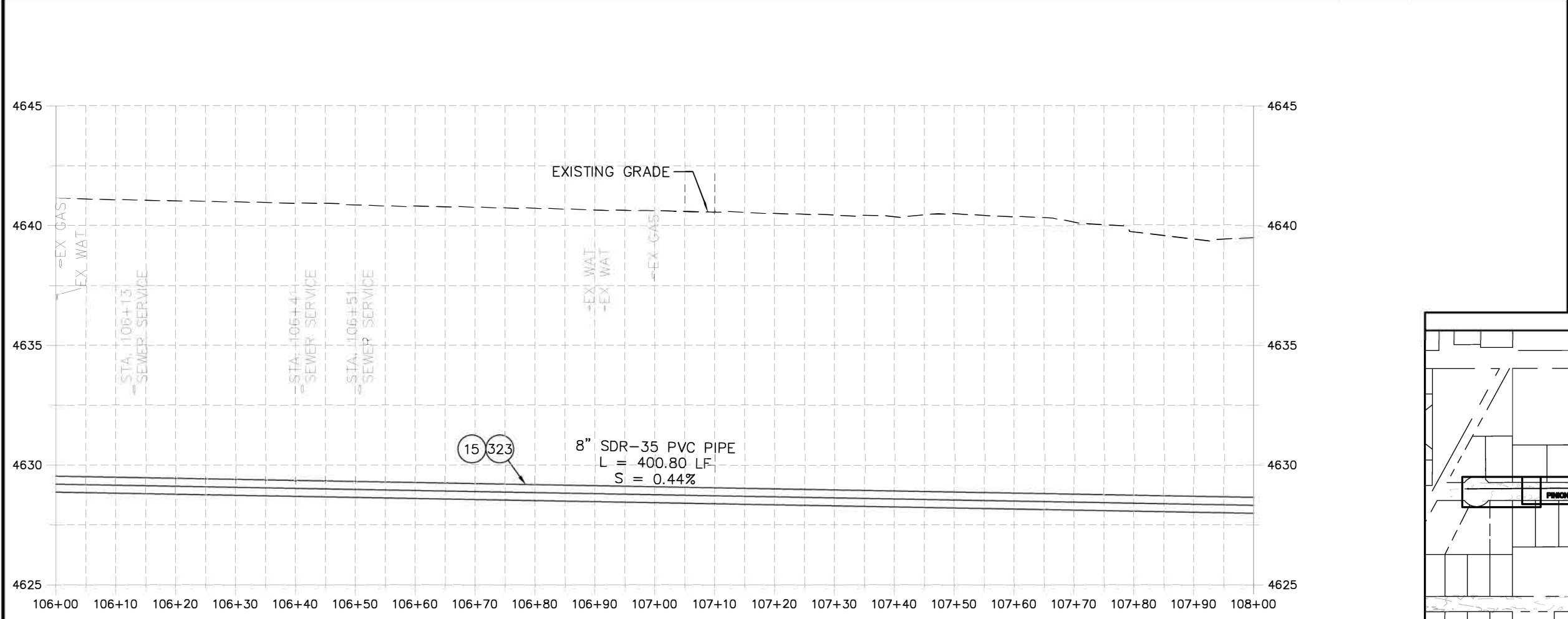


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINION ST PLAN AND PROFILE
STA 104+00 TO STA 106+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 587 608.06 - CONCRETE INTERSECTION CORNER
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



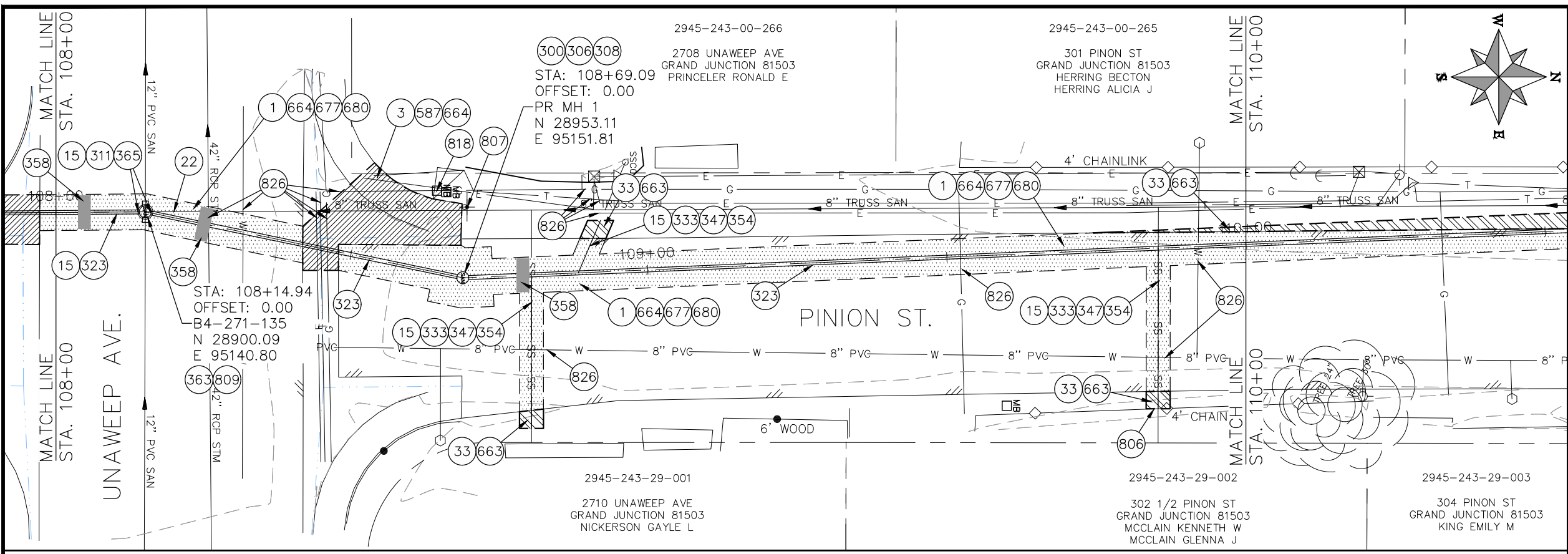
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REVISION Δ XXX		202X	---	2021
REVISION Δ XXX		202X	---	2021

SCALES: PLAN & PROFILE
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'

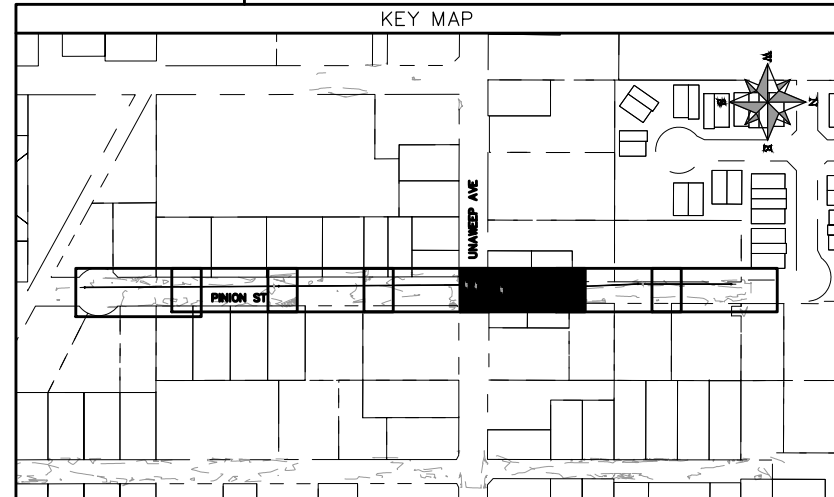
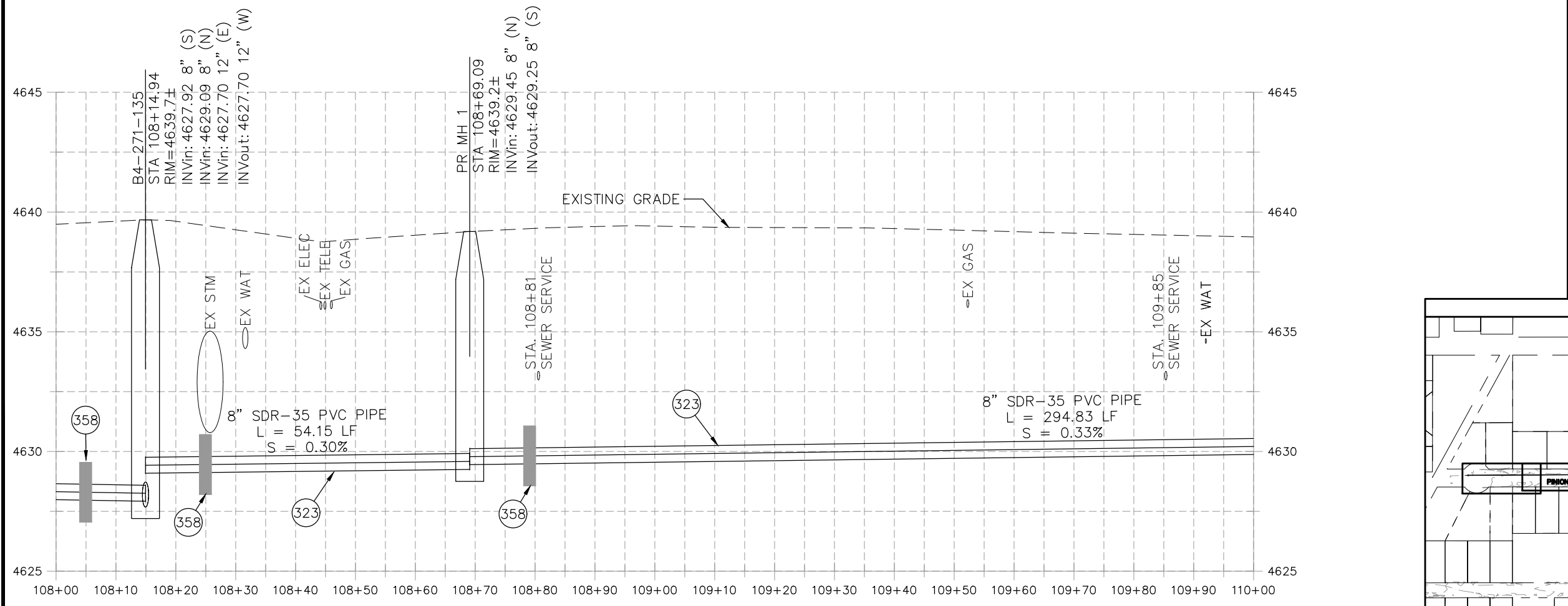


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINION ST PLAN AND PROFILE
STA 106+00 TO STA 108+00**



- ### CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 22 202 - ABANDON PIPE. ABANDON EXISTING SEWER PIPES USING CELLULAR GROUT OR AN APPROVED EQUAL FLOWABLE GROUT TO COMPLETELY FILL THE ANNULAR SPACE OF THE ABANDON PIPE SO NO VOIDS ARE LEFT UNDER 1ST STREET. MINIMUM 28-DAY COMPRESSIVE STRENGTH SHALL BE 500 PSI.
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 300 102.11/108.5 - SANITARY SEWER BASIC MANHOLE (48" I.D.). INCLUDES CONNECTION OF ADJACENT SEWER LINE, FORMING INVERTS AND ADJUSTING TO FINAL GRADE. (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-02).
 - 306 102.11/108.5 - MANHOLE BARREL SECTION (D>5") (48" I.D.).
 - 308 102.11/108.5 - MANHOLE INTERIOR CORROSION PROTECTION (CASTAGRA ECODUR 201 PROTECTIVE COATING OR APPROVED EQUAL) (PROTECTIVE COATING SHALL BE APPLIED TO PREPARED MANHOLE INVERT, BENCH, BARRELS, AND CONE SECTIONS. MANHOLE INVERTS AND BENCHES SHALL BE COATED PRIOR TO WASTEWATER INTRODUCTION)
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 587 608.06 - CONCRETE INTERSECTION CORNER
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 806 PROTECT FENCE
 - 807 PROTECT SIGN
 - 809 PROTECT MANHOLE
 - 818 PROTECT MAILBOX.
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
REVISION Δ XXX		202X	----	04/2021
REVISION Δ XXX		202X		4/2021
REVISION Δ XXX		202X		2021
REVISION Δ XXX		202X		2021

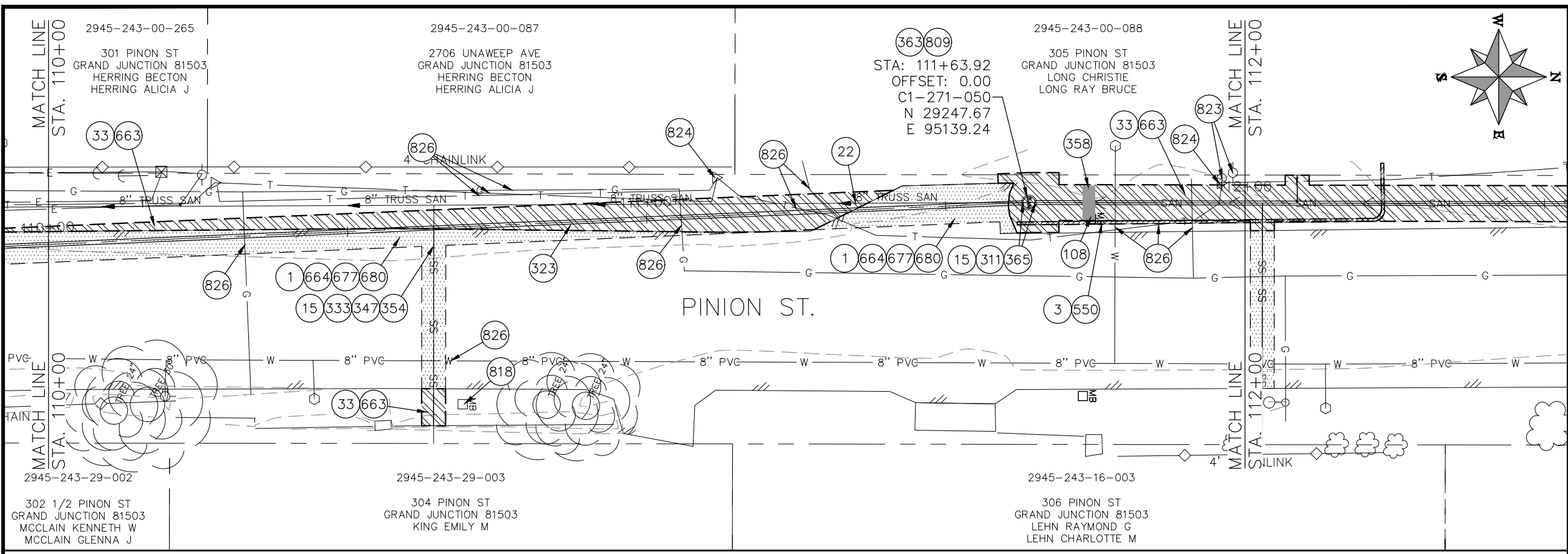
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SCALES: PLAN & PROFILE
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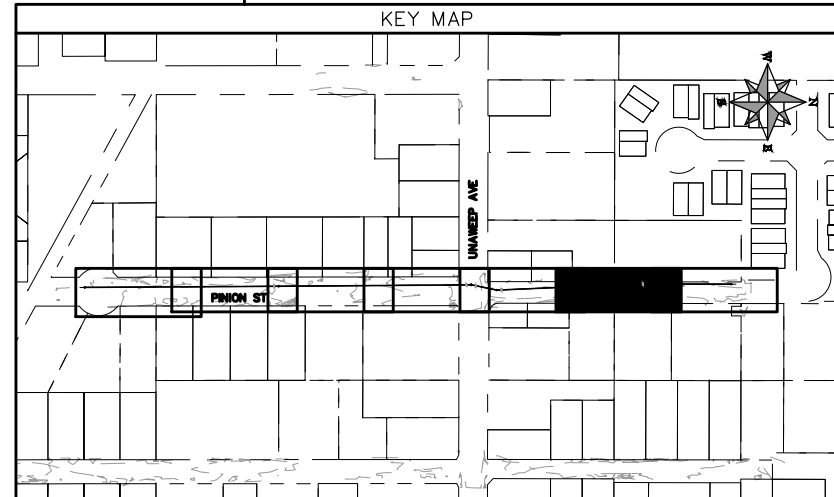
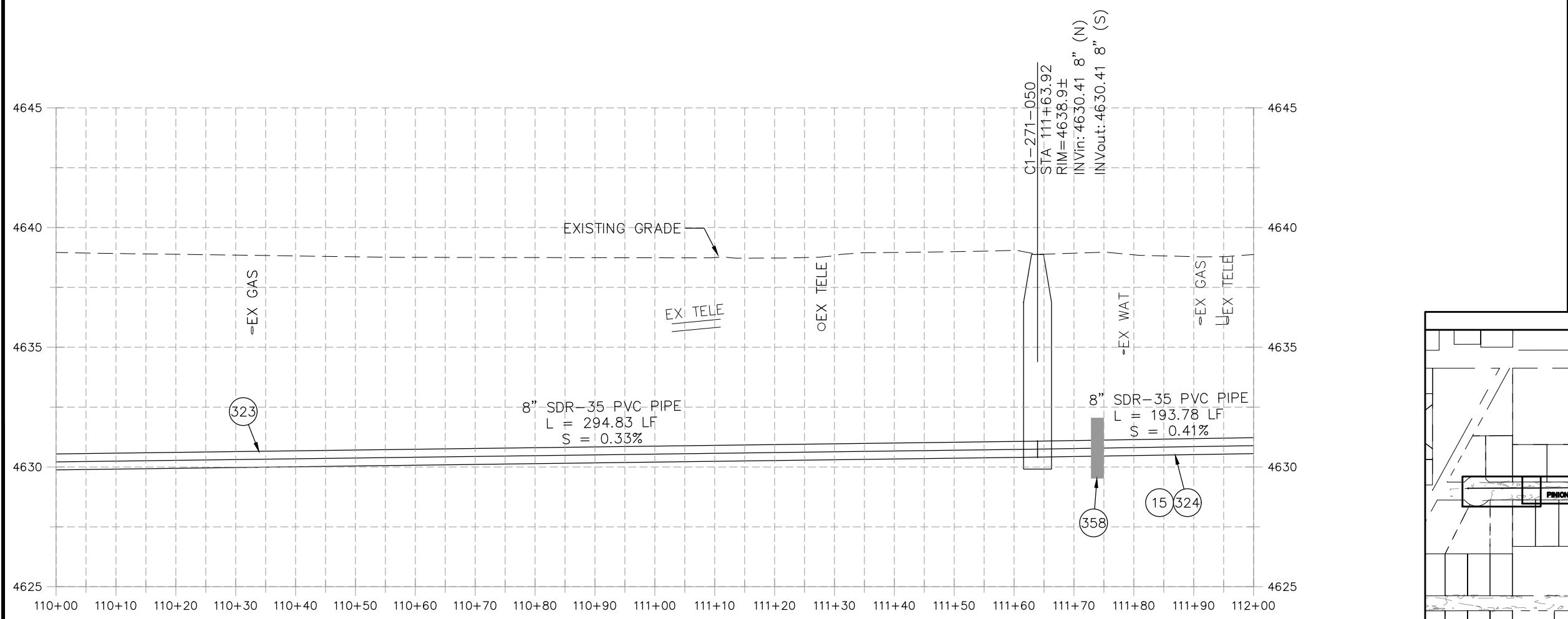
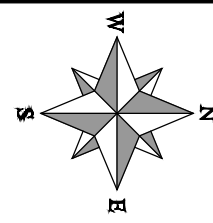
CITY OF Grand Junction COLORADO

PUBLIC WORKS ENGINEERING DIVISION

2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINION ST PLAN AND PROFILE
STA 108+00 TO STA 110+00



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 22 202 - ABANDON PIPE. ABANDON EXISTING SEWER PIPES USING CELLULAR GROUT OR AN APPROVED EQUAL FLOWABLE GROUT TO COMPLETELY FILL THE ANNULAR SPACE OF THE ABANDON PIPE SO NO VOIDS ARE LEFT UNDER 1ST STREET. MINIMUM 28-DAY COMPRESSIVE STRENGTH SHALL BE 500 PSI.
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 108 210 - RESET MAILBOX TO NEW 4X4 POST.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 550 608.06 - CONCRETE CURB (6" WIDE, 6" HIGH)
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 823 PROTECT UTILITY POLE
 - 824 PROTECT UTILITY PEDESTAL
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



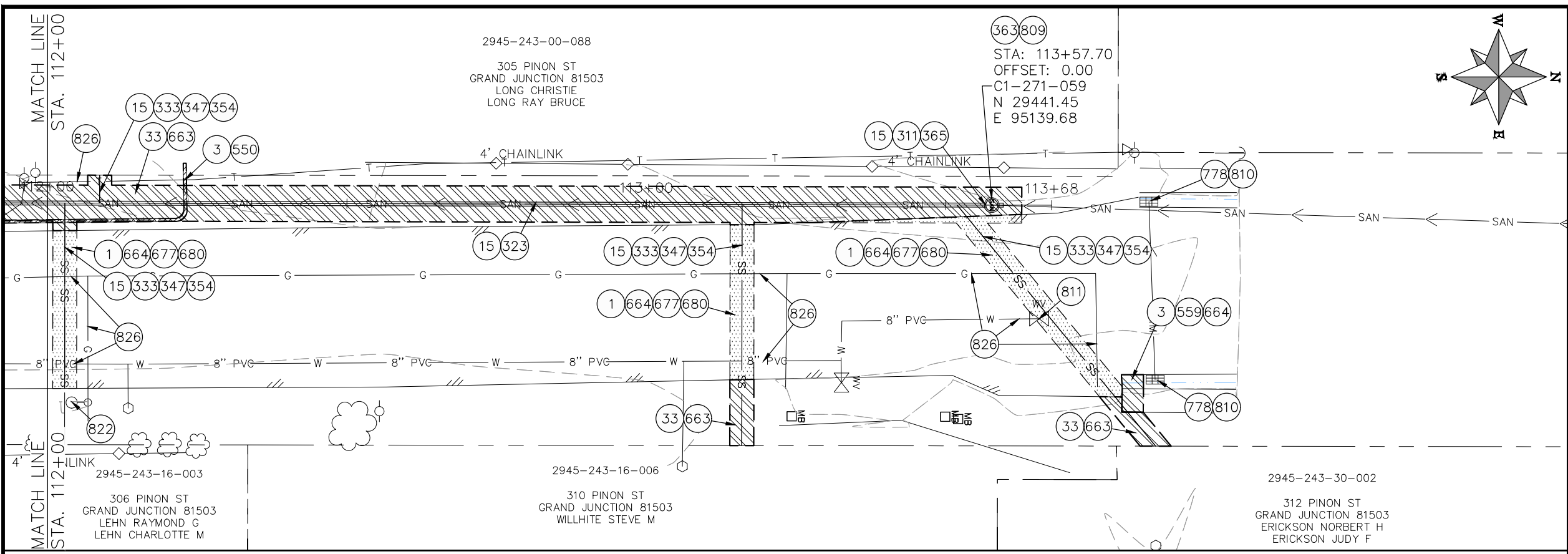
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REVISION Δ XXX		202X		4/2021
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SCALES: PLAN & PROFILE	
HORIZONTAL:	1" = 20'
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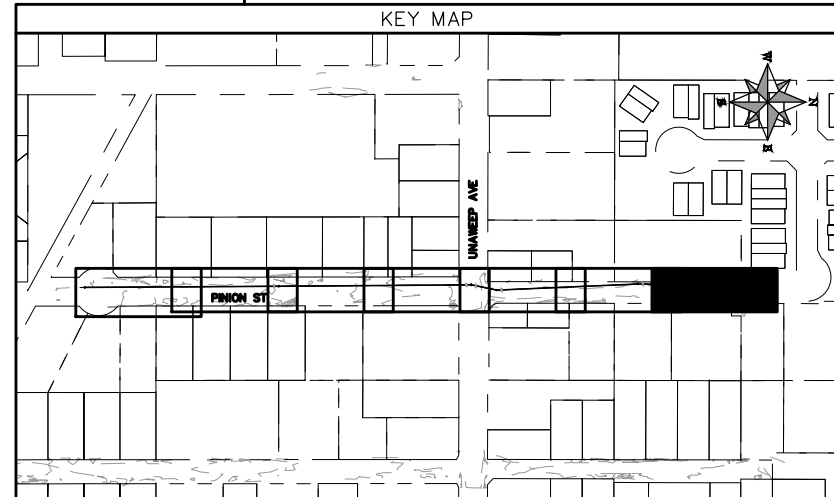
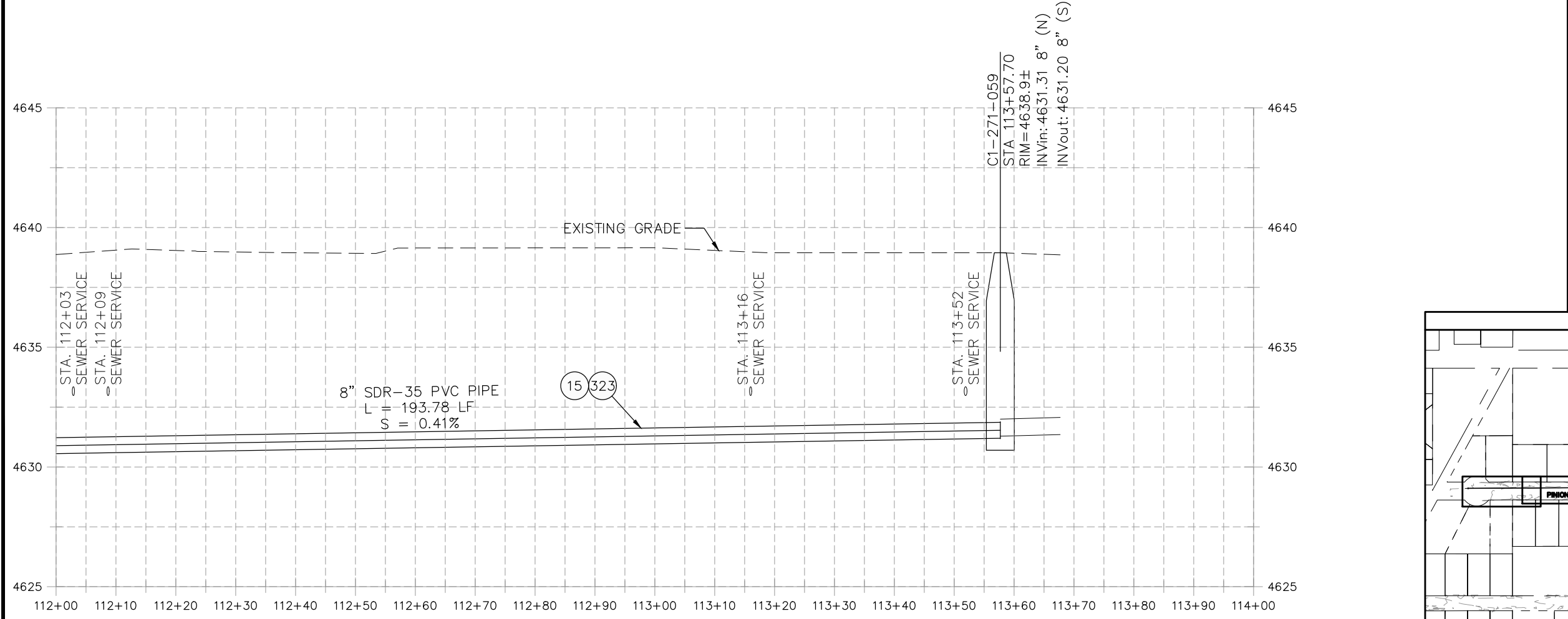
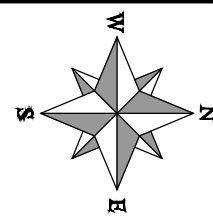


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINION ST PLAN AND PROFILE
STA 110+00 TO STA 112+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 550 608.06 - CONCRETE CURB (6" WIDE, 6" HIGH)
 - 559 608.06 - MONOLITHIC VERTICAL CURB, GUTTER AND SIDEWALK (7.5' WIDE)
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 778 208 - STORM DRAIN INLET PROTECTION (SILT-SACK STYLE OR APPROVED EQUAL) (NO GRAVEL/ROCK BAG FILTERS ARE ALLOWED)
 - 809 PROTECT MANHOLE
 - 810 PROTECT STORM DRAIN INLET
 - 811 PROTECT WATER VALVE
 - 822 PROTECT LIGHT POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



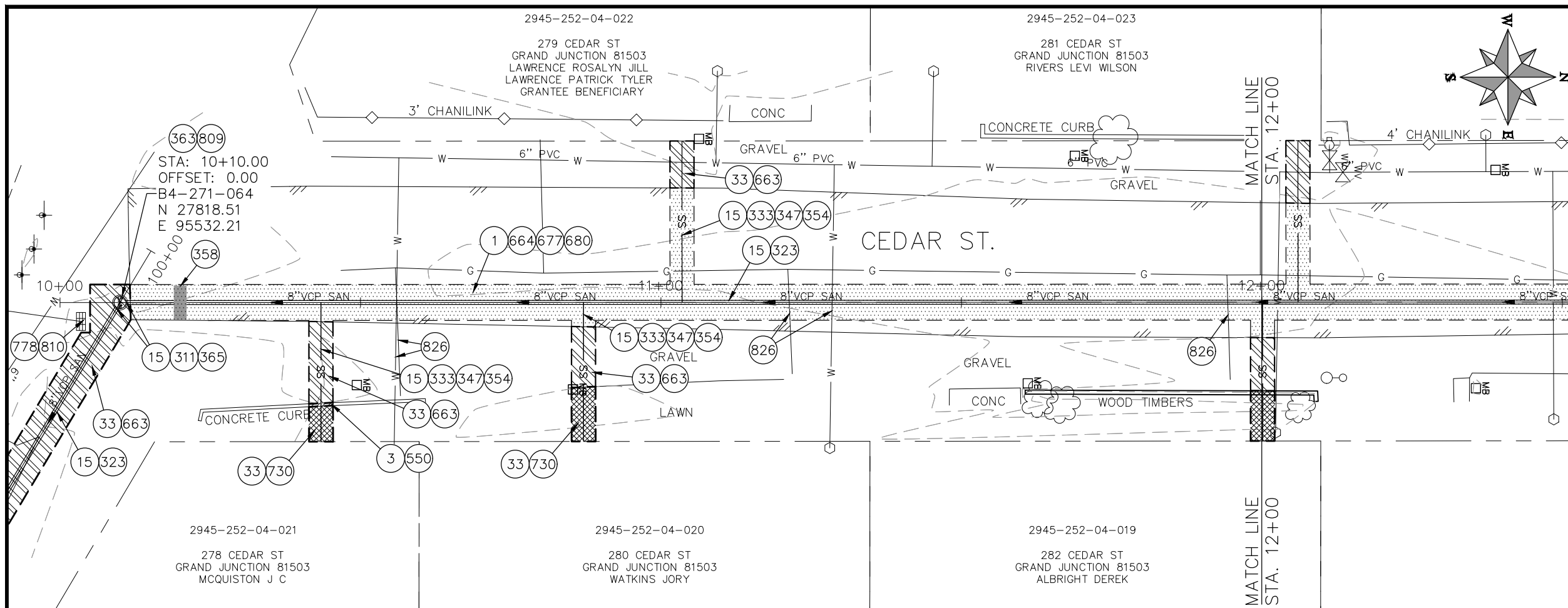
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REVISION Δ XXX		202X		4/2021
REVISION Δ XXX		202X		2021
REVISION Δ XXX		202X		2021

SCALES: PLAN & PROFILE	
HORIZONTAL: 1" = 20'	0 5 10 20
VERTICAL: 1" = 5'	0 1.25 2.5 5

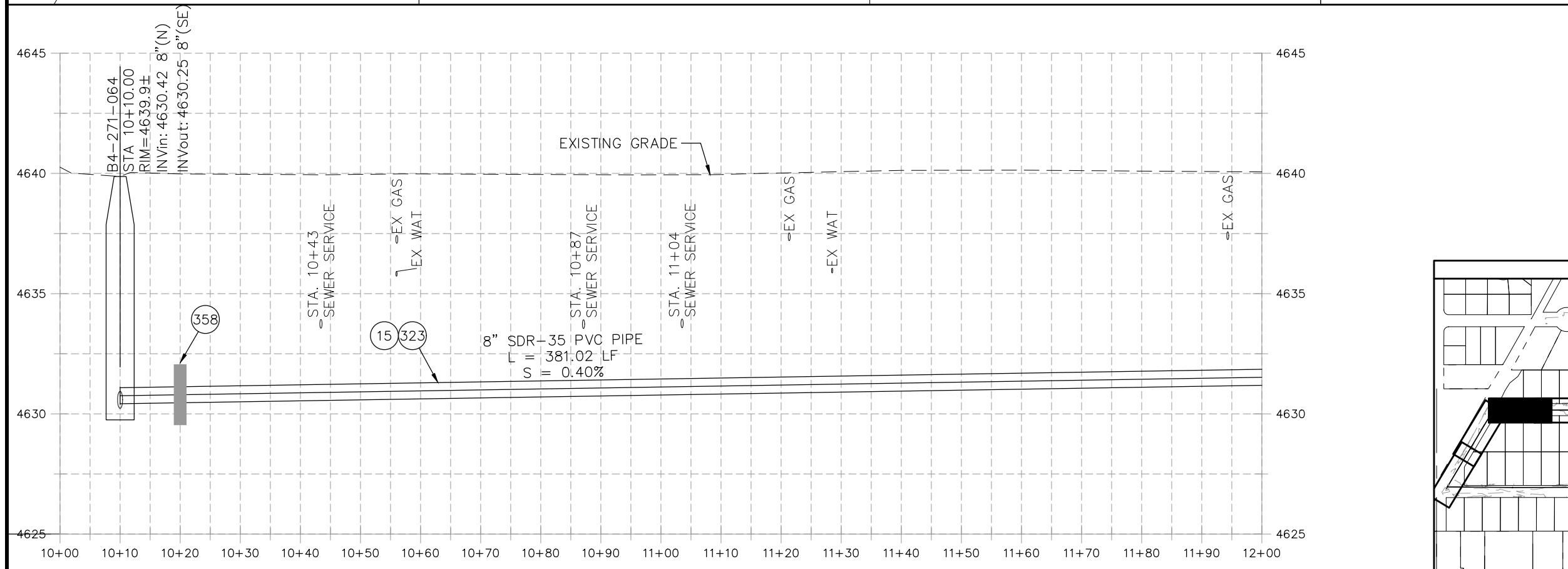


**PUBLIC WORKS
ENGINEERING DIVISION**

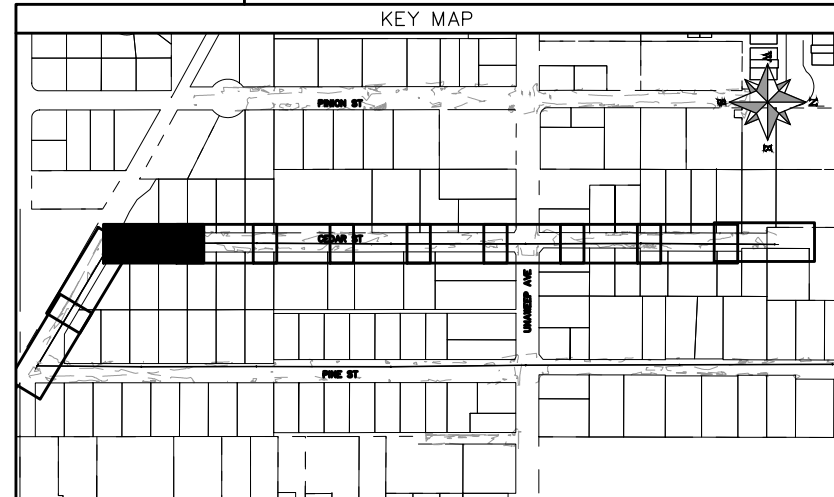
**2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINON ST PLAN AND PROFILE
STA 112+00 TO STA 114+00**



- ### CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8\"/>



- 550 608.06 - CONCRETE CURB (6\"/>
- 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6\"/>
- 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12\"/>
- 677 401.08 - HOT BITUMINOUS PAVEMENT (4\"/>
- 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2\"/>
- 730 212 - RESOD AREA AS SHOWN (INCLUDES 6\"/>
- 778 208 - STORM DRAIN INLET PROTECTION (SILT-SACK STYLE OR APPROVED EQUAL) (NO GRAVEL/ROCK BAG FILTERS ARE ALLOWED)
- 809 PROTECT MANHOLE
- 810 PROTECT STORM DRAIN INLET
- 826 PROTECT EXISTING UTILITY LINE IN PLACE.



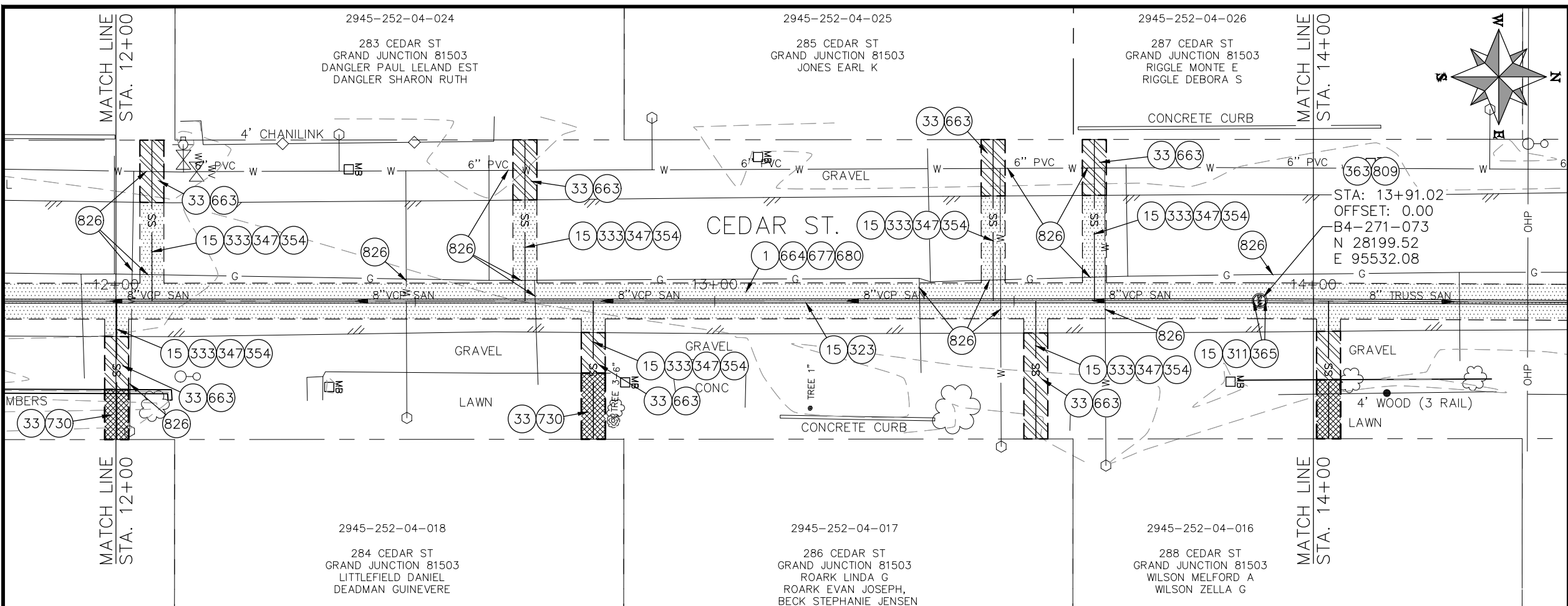
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REVISION Δ XXX		202X	---	4/2021
REVISION Δ XXX		202X	---	2021
REVISION Δ XXX		202X	---	2021

SCALES: PLAN & PROFILE
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'

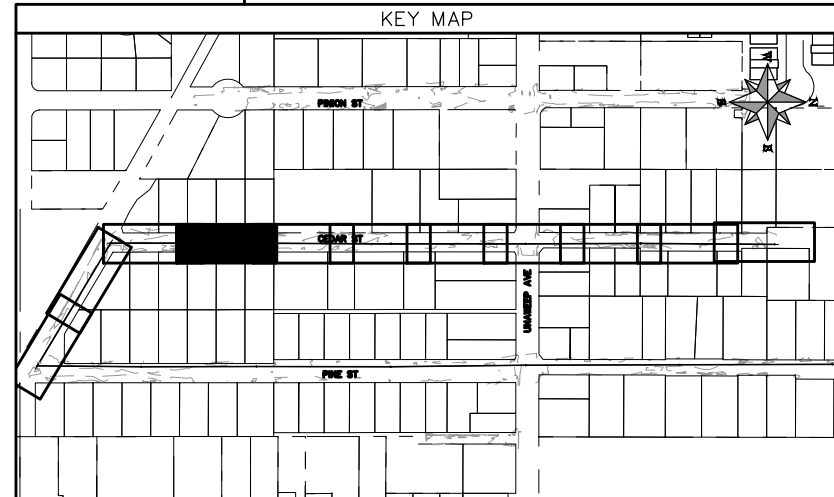
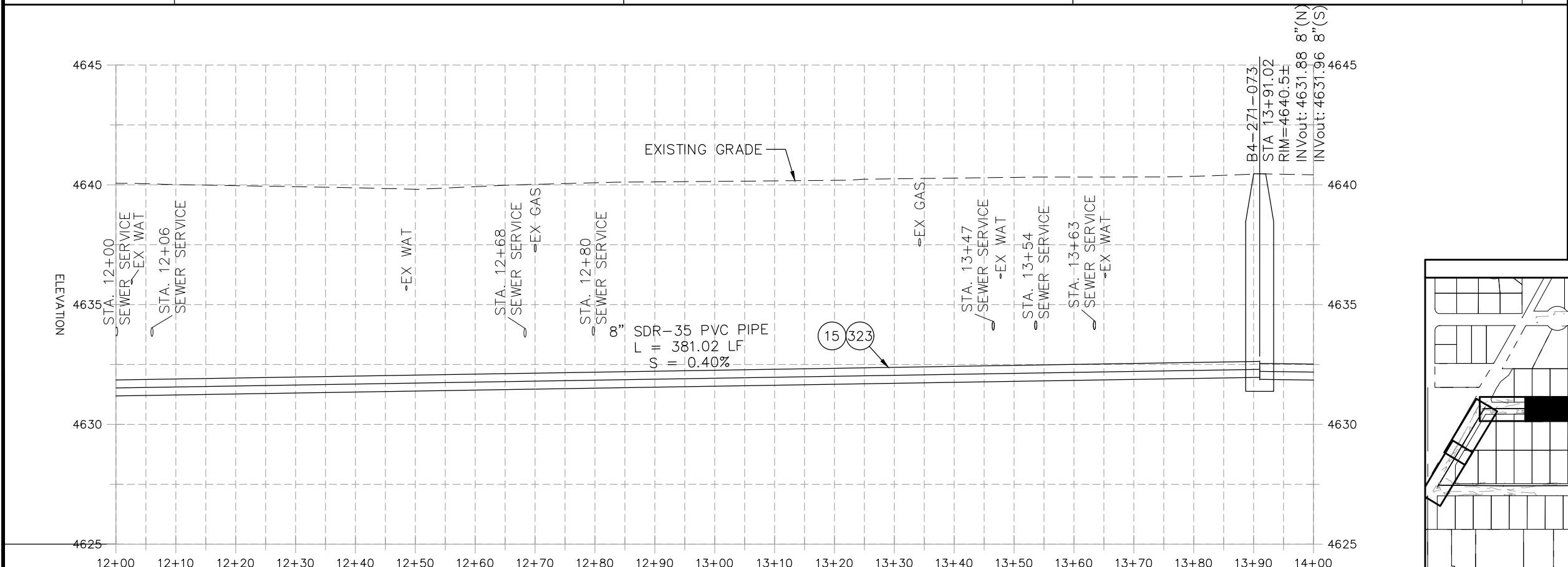


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
CEDAR ST PLAN AND PROFILE
STA 10+00 TO STA 12+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 730 212 - RESOD AREA AS SHOWN (INCLUDES 6" OF TOPSOIL PLACEMENT PRIOR TO SOD PLACEMENT)
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



REVISION	DATE	DESCRIPTION
REVISION Δ XXX	202X	
REVISION Δ XXX	202X	
REVISION Δ XXX	202X	
REVISION Δ XXX	202X	

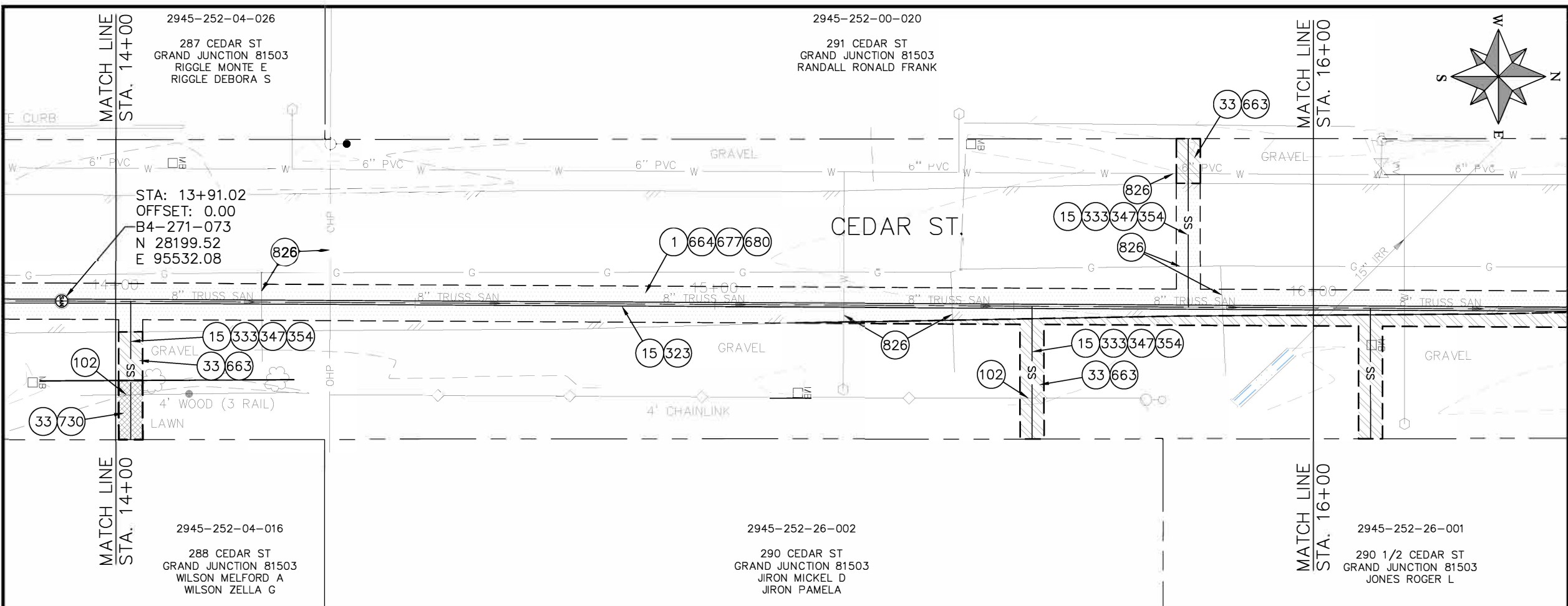
PROJECT NO.	DATE	APPROVED BY
202X	04/2021	DJM
202X	4/2021	DJM
2021	2021	EM
2021	2021	KH

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 5'

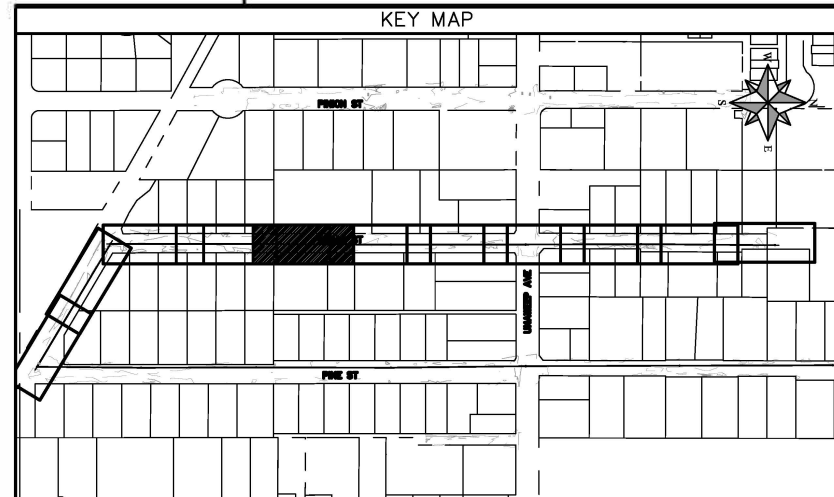
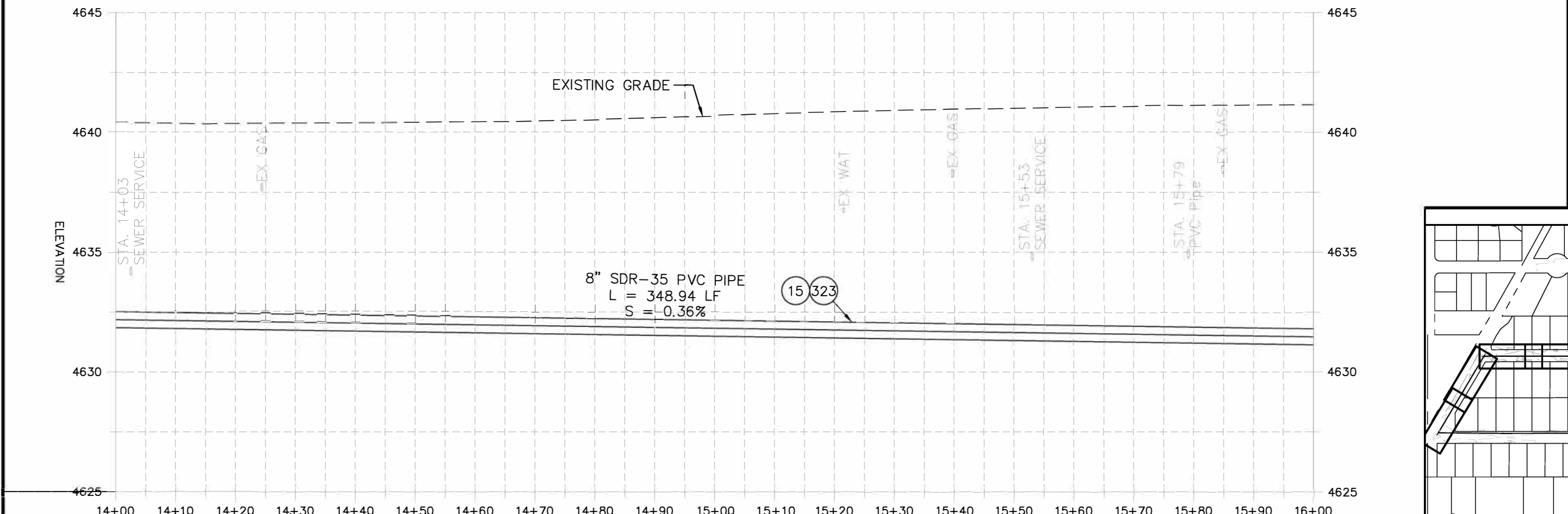


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
CEDAR ST PLAN AND PROFILE
STA 12+00 TO STA 14+00**



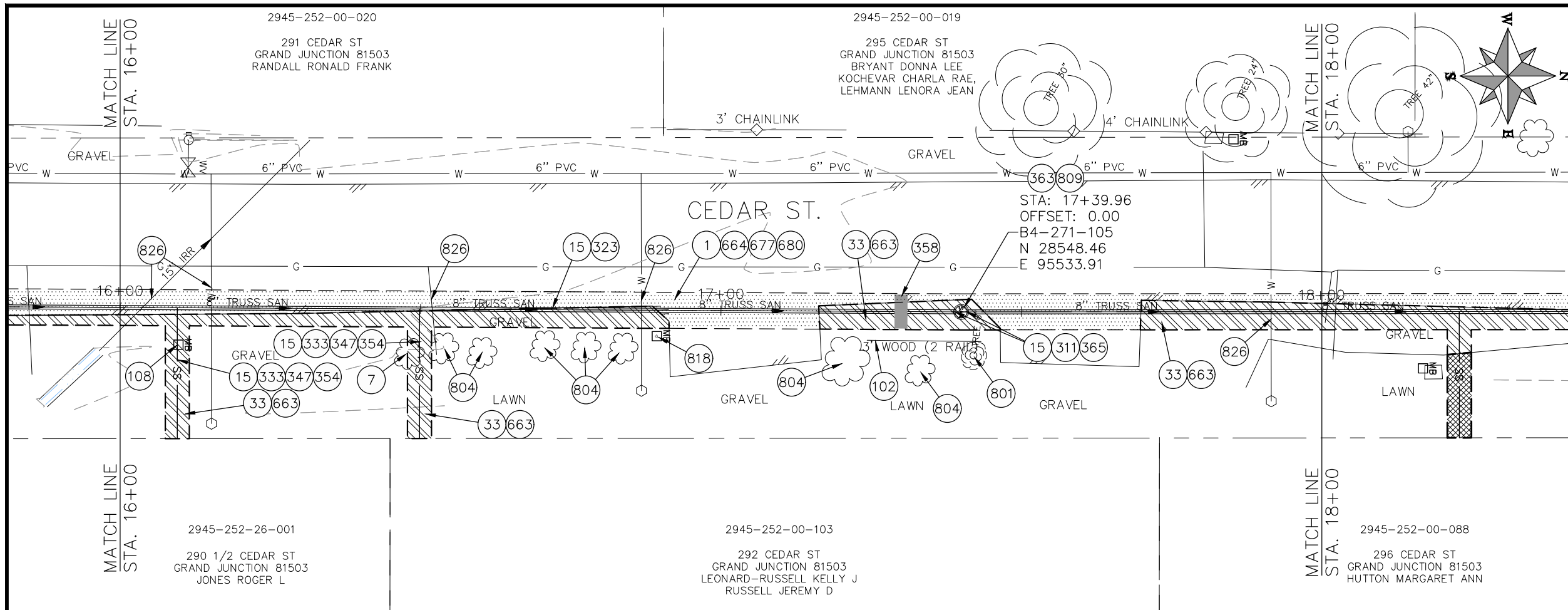
- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 102 210 - RESET FENCE. (HEIGHT AND MATERIAL AS SHOWN ON PLAN)
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 730 212 - RESOD AREA AS SHOWN (INCLUDES 6" OF TOPSOIL PLACEMENT PRIOR TO SOD PLACEMENT)
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



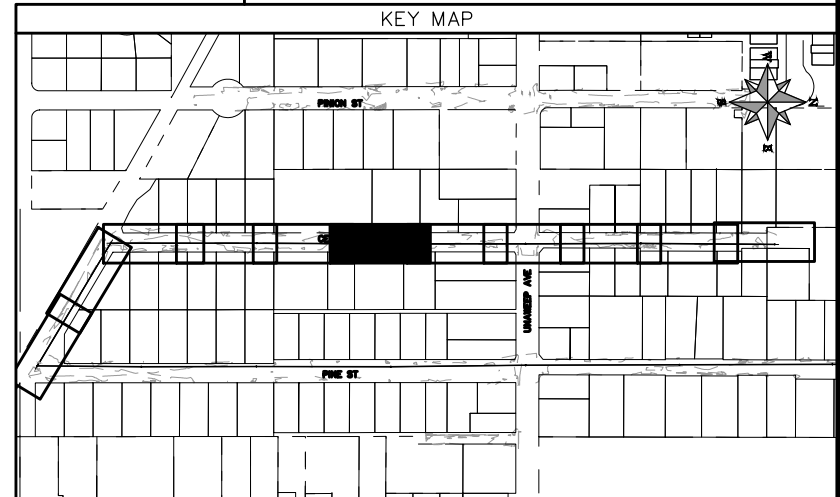
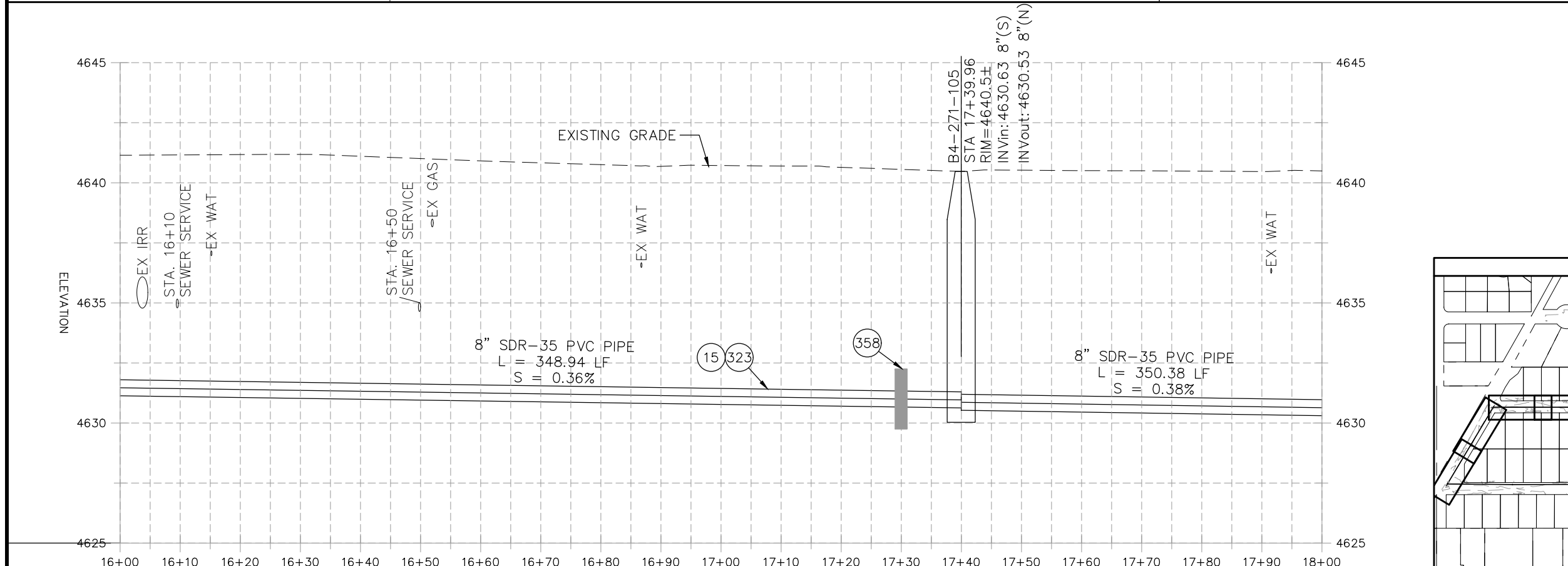
REVISION	DATE	DESCRIPTION
REVISION Δ XXX	202X	DRAWN BY DJM DATE 04/2021
REVISION Δ XXX	202X	DESIGNED BY DJM DATE 4/2021
REVISION Δ XXX	202X	CHECKED BY EM DATE 2021
REVISION Δ XXX	202X	APPROVED BY KH DATE 2021

**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
CEDAR ST PLAN AND PROFILE
STA 14+00 TO STA 16+00**



- ### CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 7 202 - REMOVAL OF SHRUB
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 102 210 - RESET FENCE. (HEIGHT AND MATERIAL AS SHOW ON PLAN)
 - 108 210 - RESET MAILBOX TO NEW 4X4 POST.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 804 PROTECT SHRUB
 - 809 PROTECT MANHOLE
 - 818 PROTECT MAILBOX.
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



REVISION	DATE	DESCRIPTION
REVISION Δ XXX	202X	
REVISION Δ XXX	202X	
REVISION Δ XXX	202X	
REVISION Δ XXX	202X	

PROJECT NO.	DATE	APPROVED BY
2022	04/2021	DJM
2022	4/2021	DJM
2021	2021	EM
2021	2021	KH

SCALES: PLAN & PROFILE

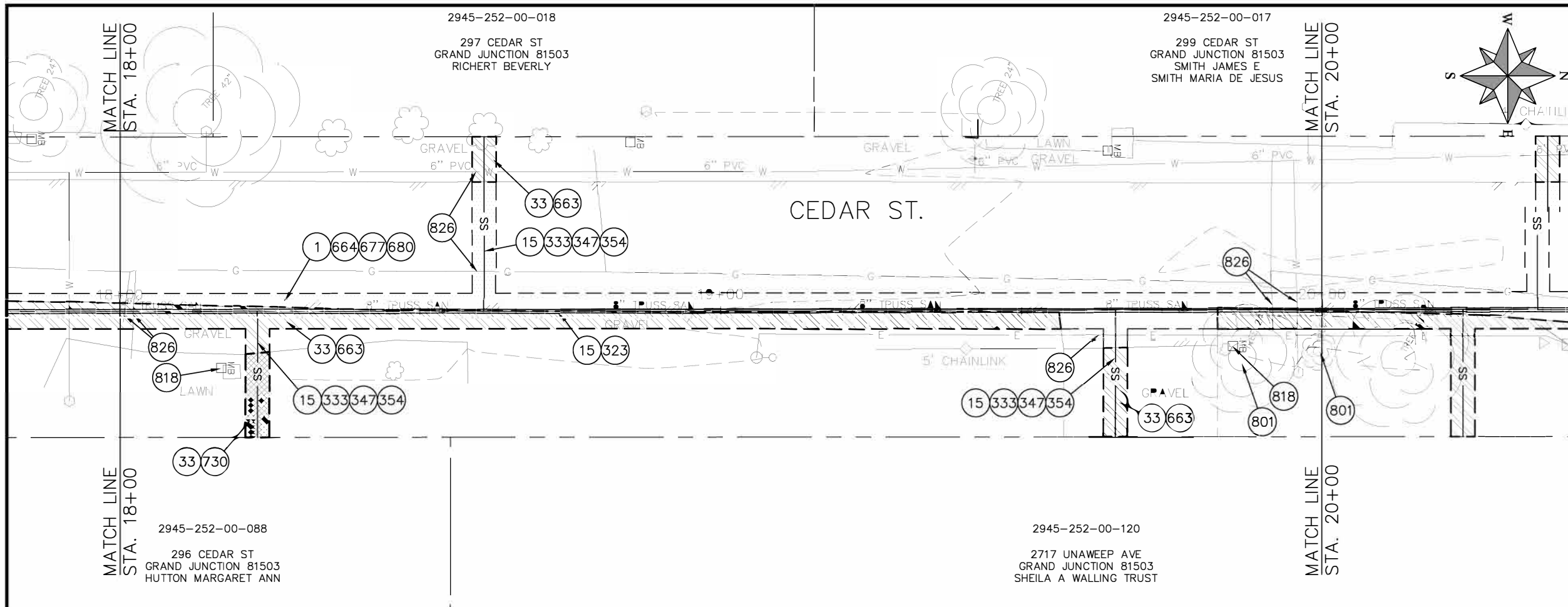
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VERTICAL: 1" = 5'

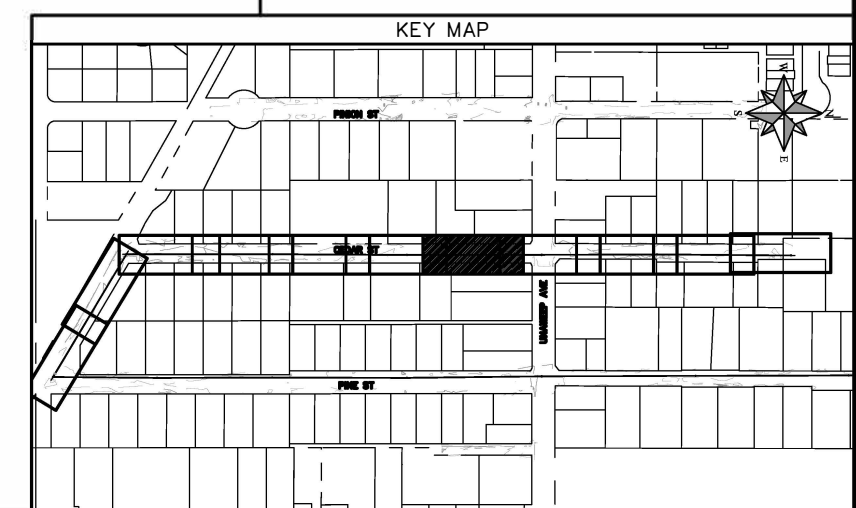
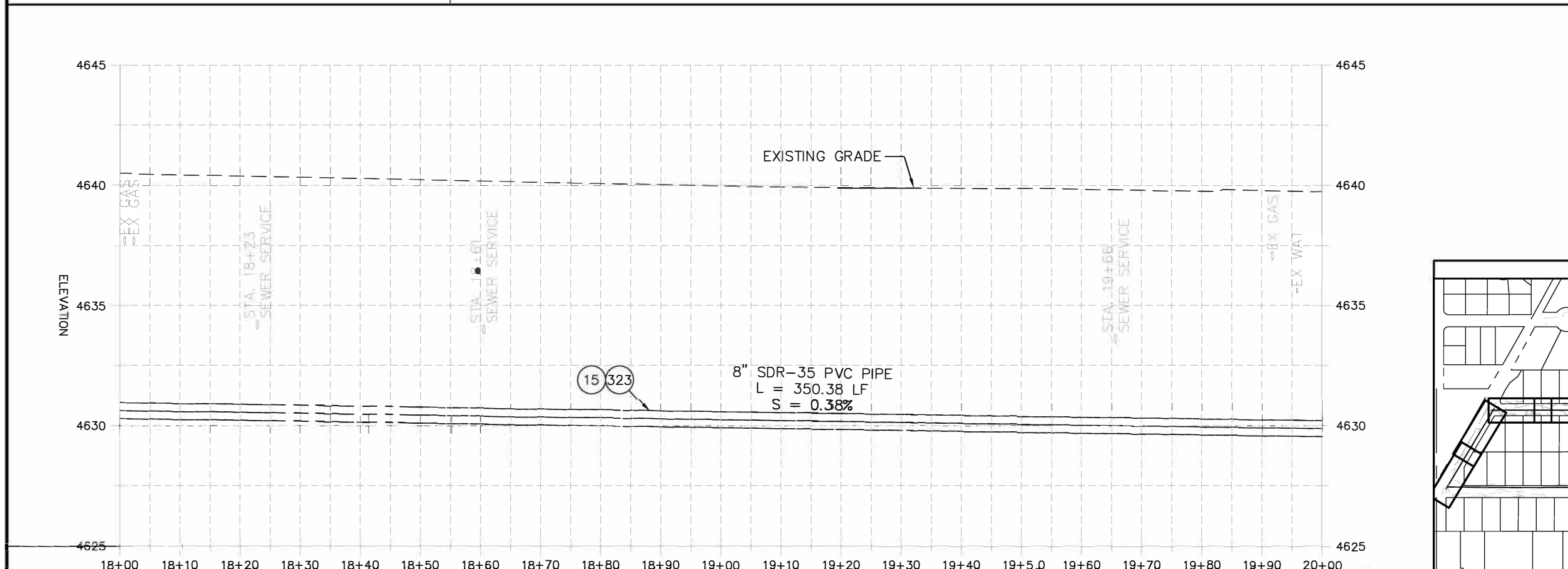


PUBLIC WORKS
ENGINEERING DIVISION

2022 SEWER LINE REPLACEMENT - PARSES 2-4
CEDAR ST PLAN AND PROFILE
STA 16+00 TO STA 18+00



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 730 212 - RESOD AREA AS SHOWN (INCLUDES 6" OF TOPSOIL PLACEMENT PRIOR TO SOD PLACEMENT)
 - 801 PROTECT TREE
 - 818 PROTECT MAILBOX.
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.

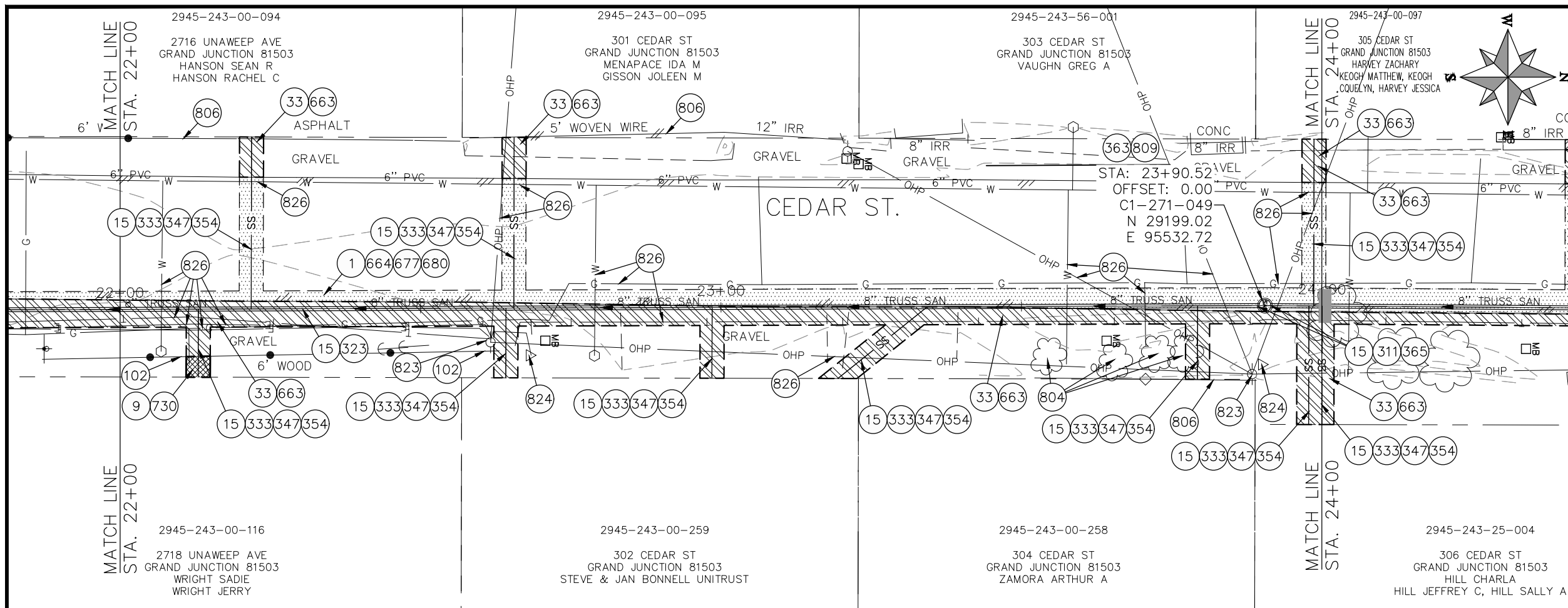


REVISION	DESCRIPTION	DATE	PROJECT NO.	SCALE: PLAN & PROFILE
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REVISION Δ XXX		202X	DESIGNED BY DJM DATE 4/2021	0 5 10 20
REVISION Δ XXX		202X	CHECKED BY EM DATE 2021	VERTICAL: 1" = 5'
REVISION Δ XXX		202X	APPROVED BY KH DATE 2021	0 1.25 2.5 5

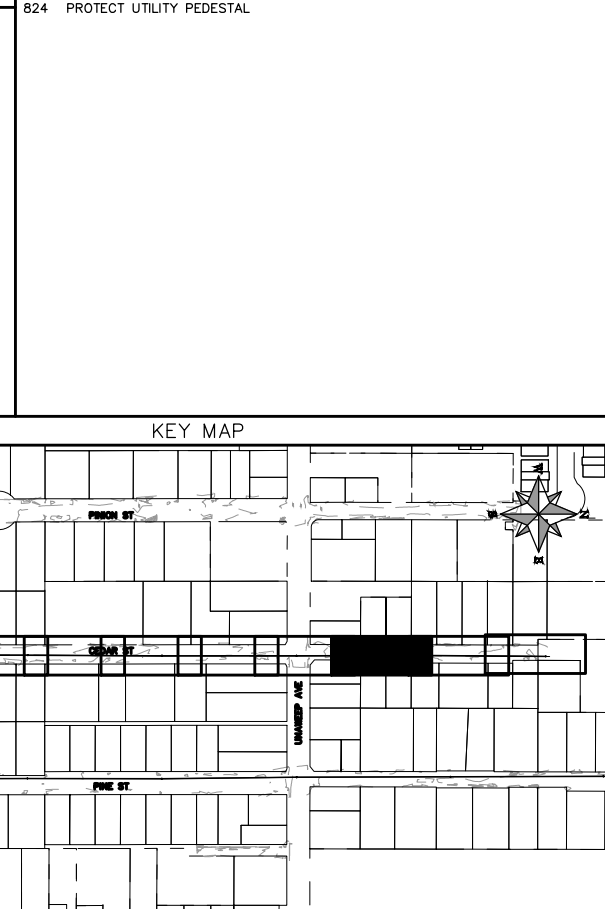
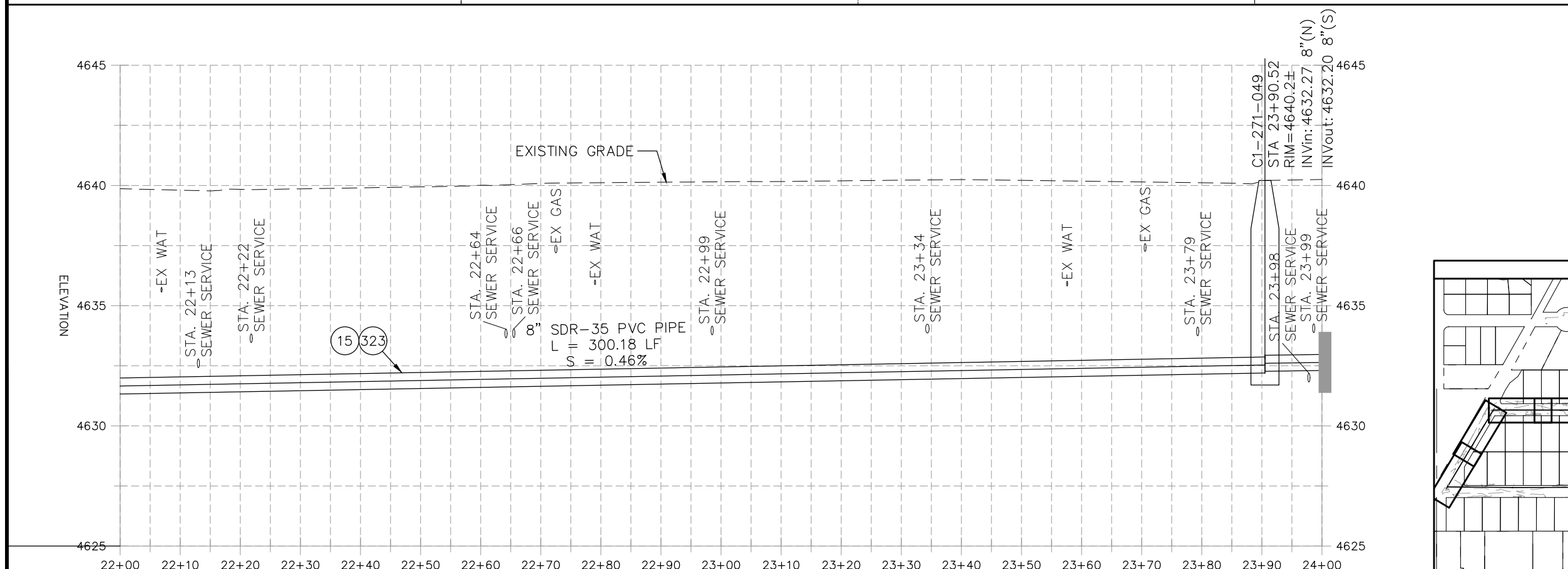


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
CEDAR ST PLAN AND PROFILE
STA 18+00 TO STA 20+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 9 202 - REMOVAL OF SOD.
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 102 210 - RESET FENCE. (HEIGHT AND MATERIAL AS SHOW ON PLAN)
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8\"/>



REVISION	DATE	DESCRIPTION
REVISION Δ XXX	202X	
REVISION Δ XXX	202X	
REVISION Δ XXX	202X	
REVISION Δ XXX	202X	

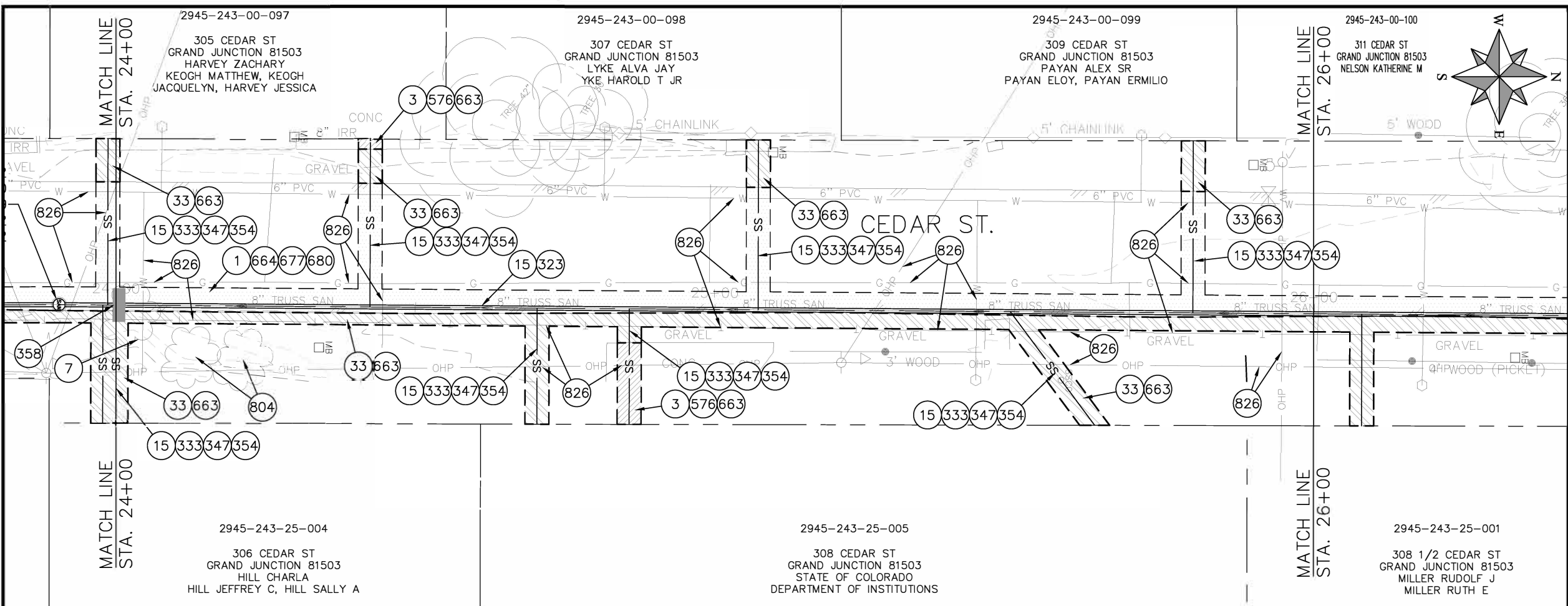
PROJECT NO.	DATE	DESCRIPTION
2022	04/2021	DESIGNED BY DJM
2022	4/2021	CHECKED BY EM
2021	2021	APPROVED BY KH

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 5'

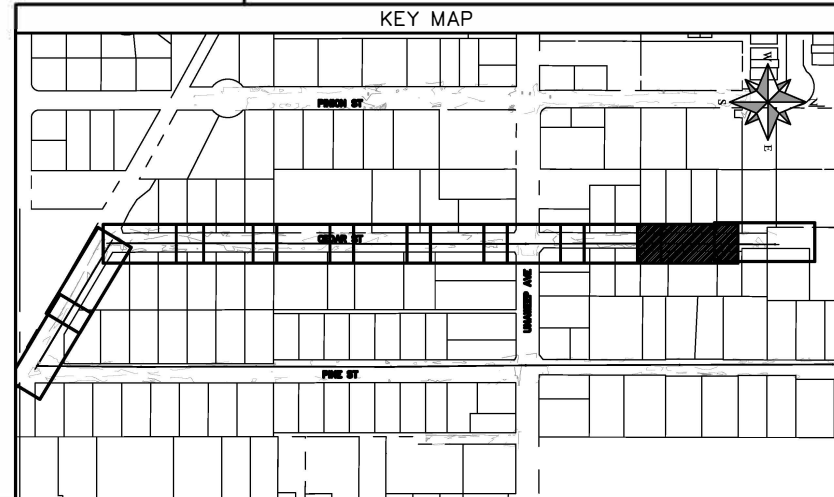
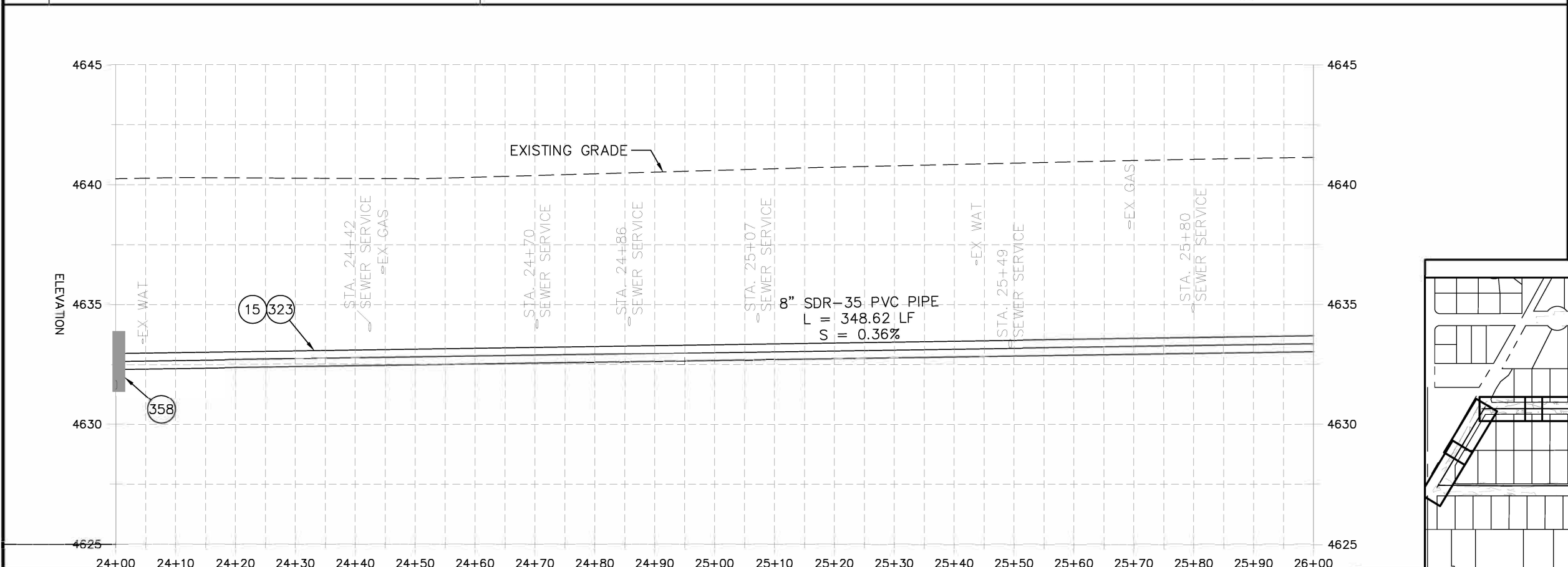
CITY OF Grand Junction COLORADO

PUBLIC WORKS ENGINEERING DIVISION

2022 SEWER LINE REPLACEMENT - PARSES 2-4
CEDAR ST PLAN AND PROFILE
STA 22+00 TO STA 24+00



- CONSTRUCTION NOTES**
- ① 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
 - 7 202 - REMOVAL OF SHRUB
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 576 608.06 - CONCRETE DRIVEWAY SECTION (6" THICK) (RESIDENTIAL)
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 804 PROTECT SHRUB
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



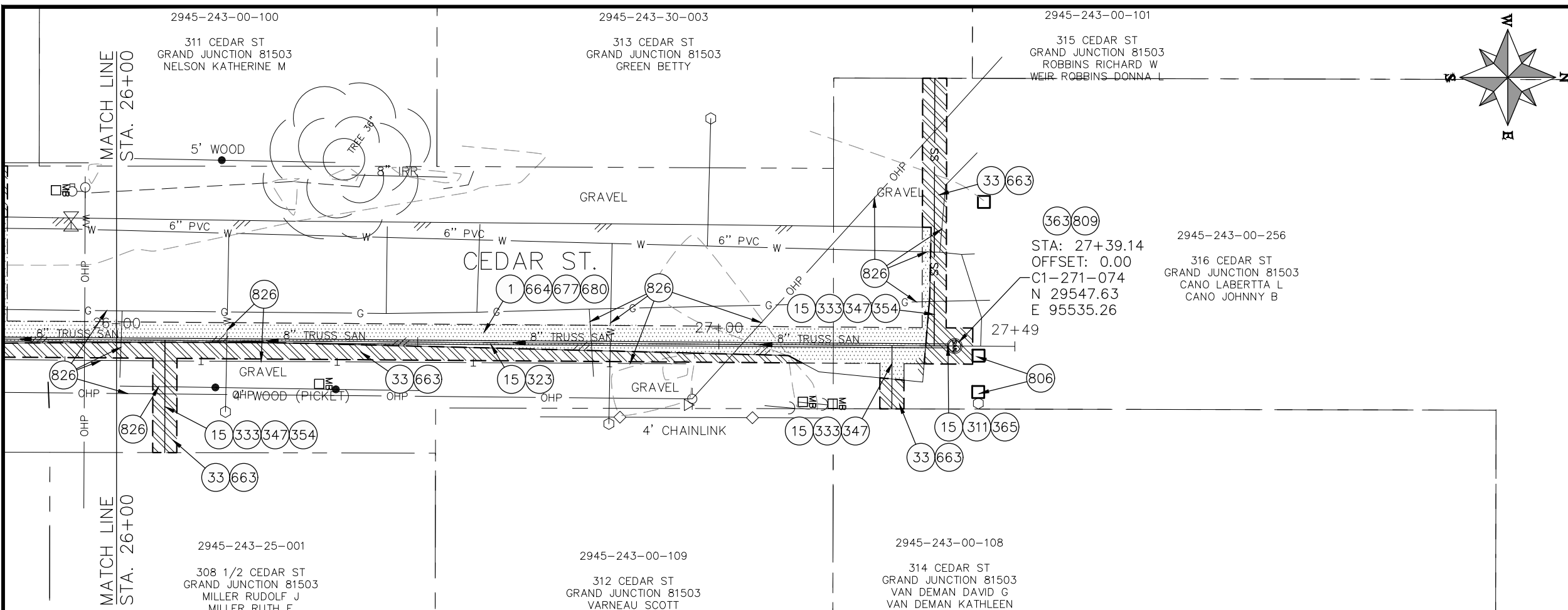
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REVISION Δ XXX	202X	
REVISION Δ XXX	202X	
REVISION Δ XXX	202X	
REVISION Δ XXX	202X	

PROJECT NO.	DATE
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---	4/2021
---	2021
---	2021

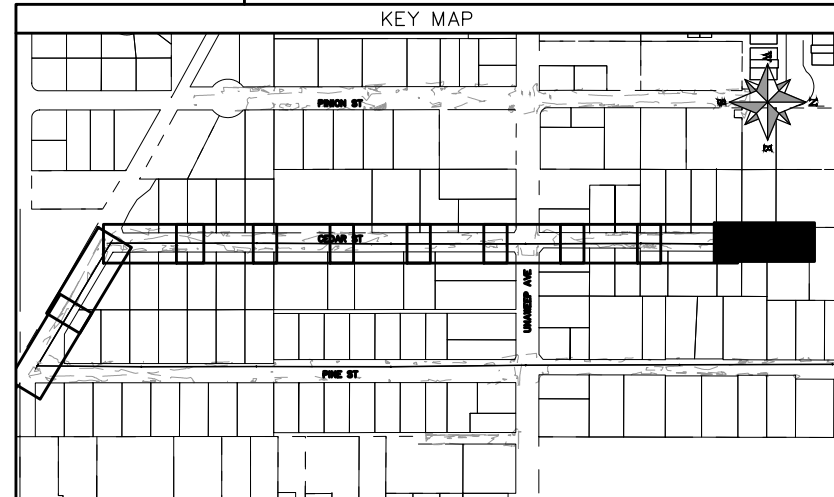
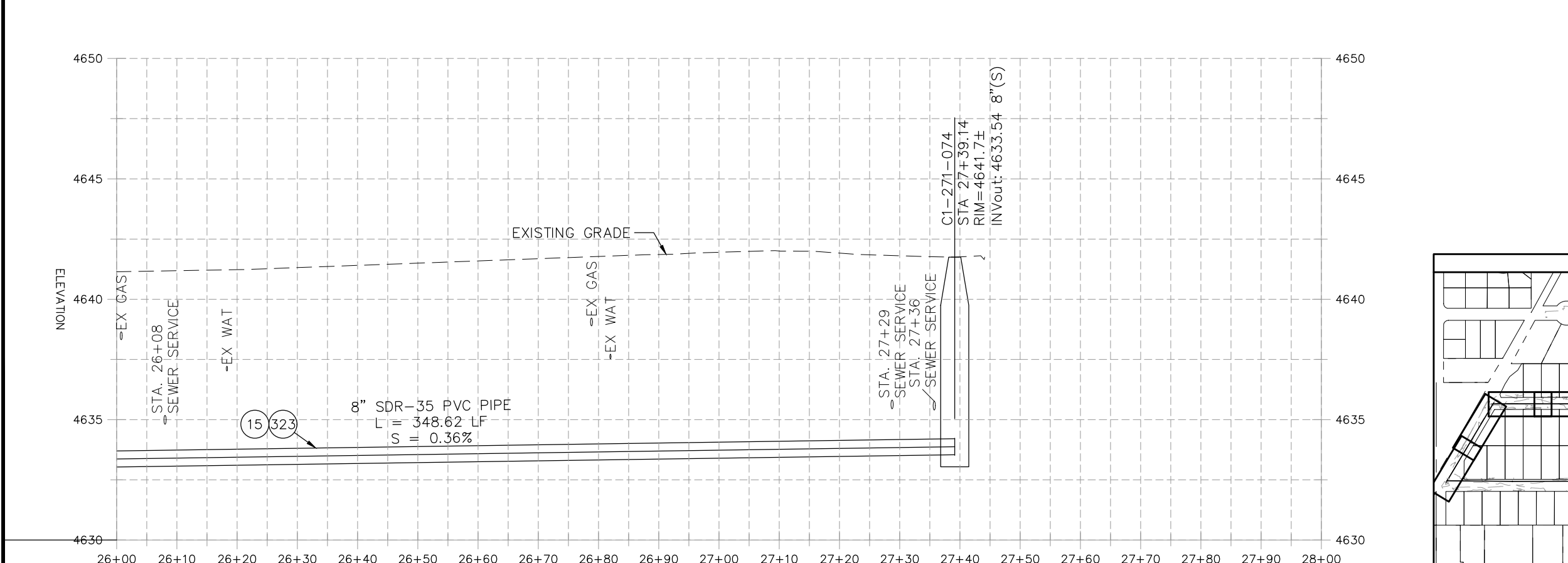
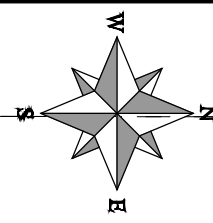
CITY OF
Grand Junction
COLORADO

PUBLIC WORKS
ENGINEERING DIVISION

2022 SEWER LINE REPLACEMENT - PARSES 2-4
CEDAR ST PLAN AND PROFILE
STA 24+00 TO STA 26+00



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 806 PROTECT FENCE
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



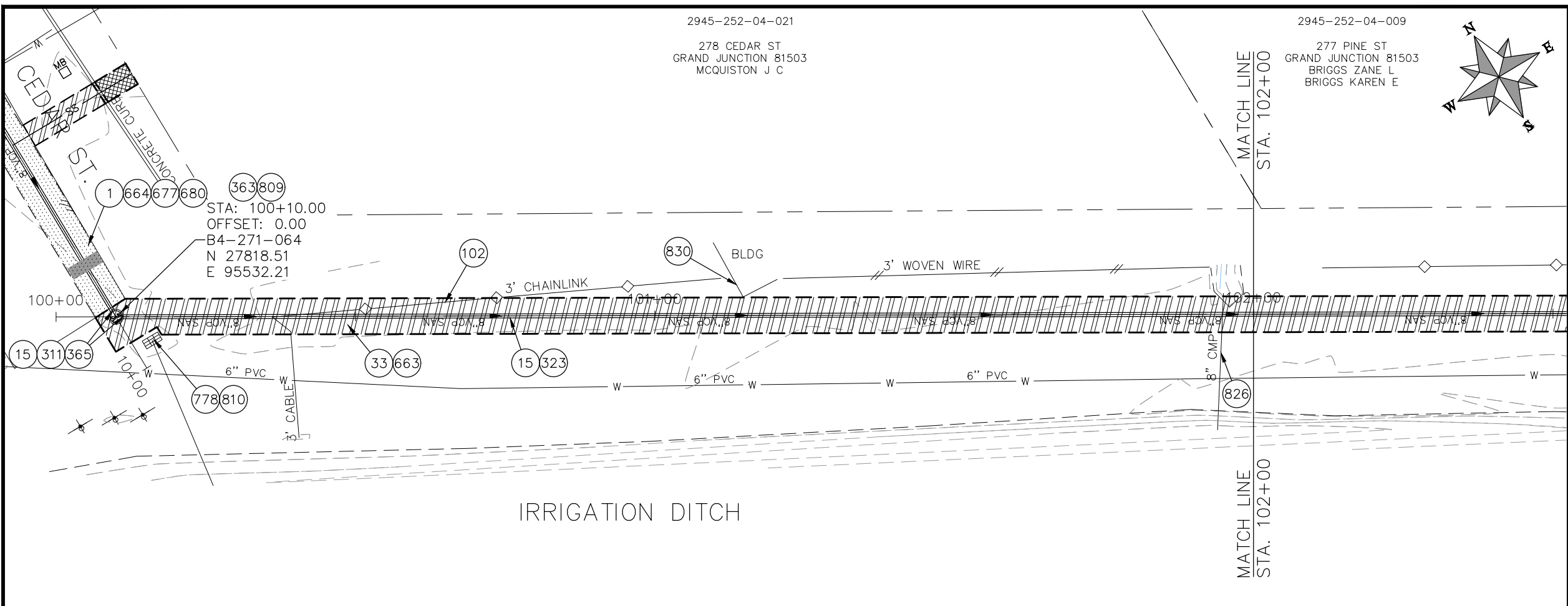
REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
REVISION Δ XXX		202X	DJM	04/2021
REVISION Δ XXX		202X	DJM	4/2021
REVISION Δ XXX		202X	EM	2021
REVISION Δ XXX		202X	KH	2021

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 5'

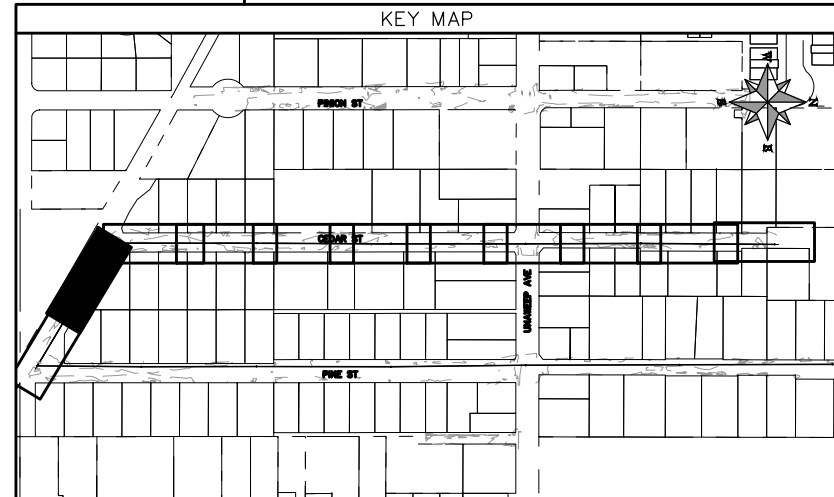
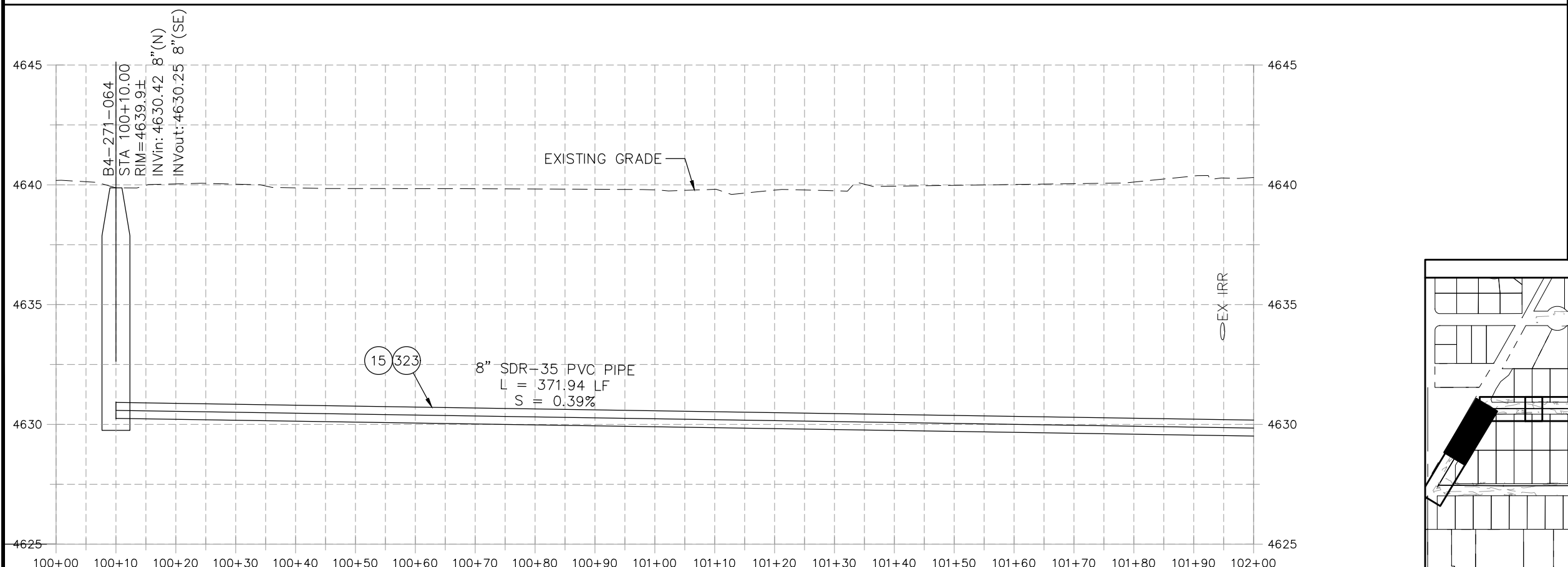


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
CEDAR ST PLAN AND PROFILE
STA 26+00 TO STA 28+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 102 210 - RESET FENCE. (HEIGHT AND MATERIAL AS SHOWN ON PLAN)
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 778 208 - STORM DRAIN INLET PROTECTION (SILT-SACK STYLE OR APPROVED EQUAL) (NO GRAVEL/ROCK BAG FILTERS ARE ALLOWED)
 - 809 PROTECT MANHOLE
 - 810 PROTECT STORM DRAIN INLET
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.
 - 830 PROTECT BUILDING



REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
REVISION Δ XXX		202X	---	04/2021
REVISION Δ XXX		202X	---	4/2021
REVISION Δ XXX		202X	---	2021
REVISION Δ XXX		202X	---	2021

SCALES: PLAN & PROFILE	
HORIZONTAL: 1" = 20'	0 5 10 20
VERTICAL: 1" = 5'	0 1.25 2.5 5

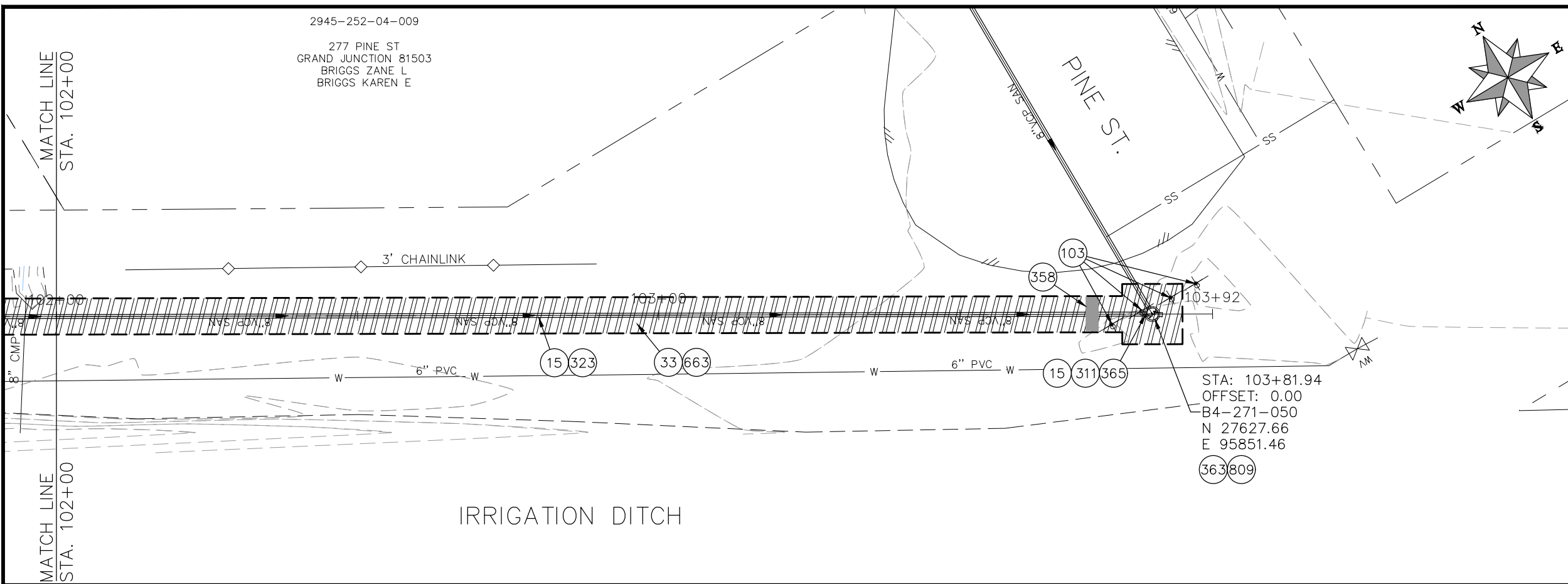


**PUBLIC WORKS
ENGINEERING DIVISION**

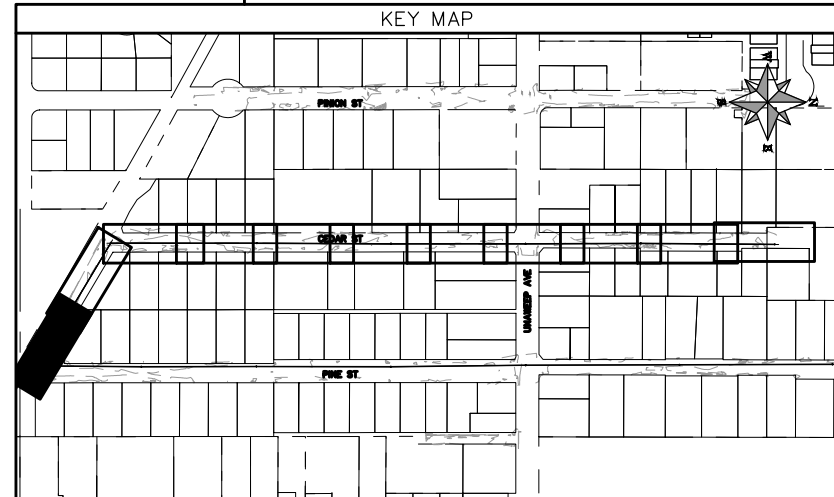
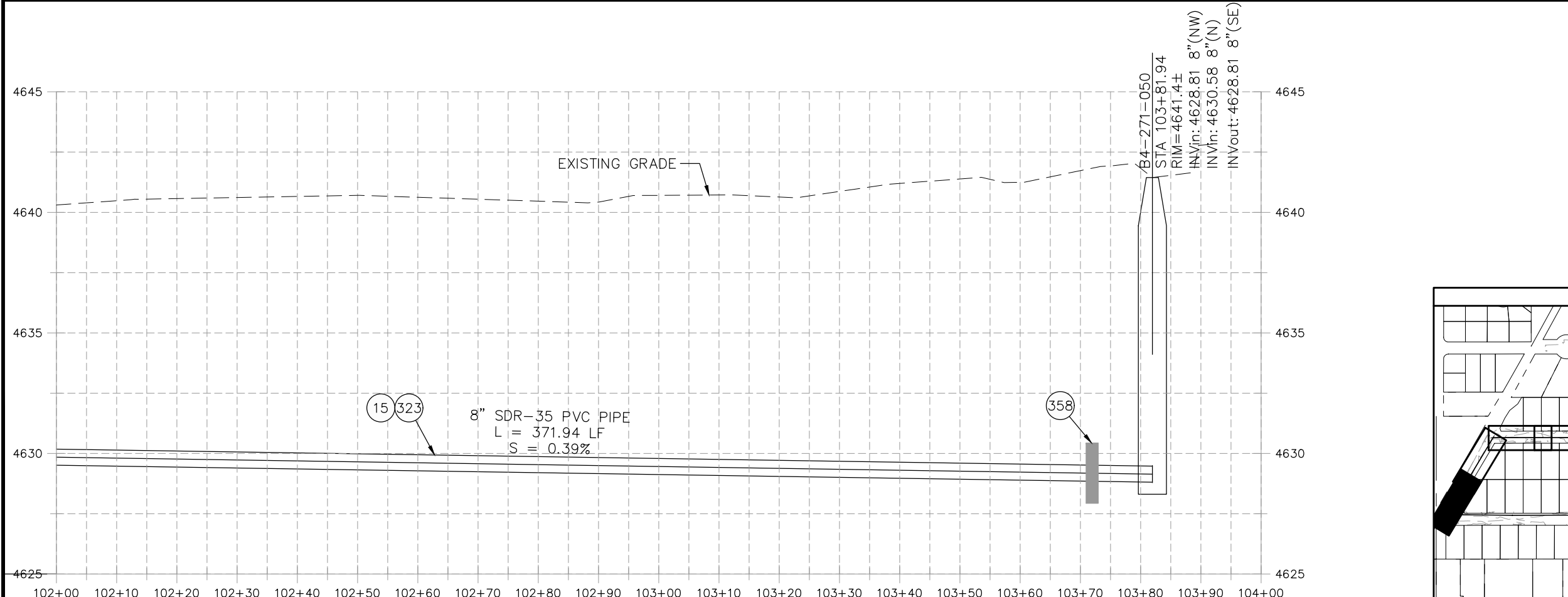
**2022 SEWER LINE REPLACEMENT - PARSES 2-4
CEDAR ST TO PINE ST PLAN AND PROFILE
STA 100+00 TO STA 102+00**

2945-252-04-009

277 PINE ST
 GRAND JUNCTION 81503
 BRIGGS ZANE L
 BRIGGS KAREN E



- CONSTRUCTION NOTES**
- 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 103 210 - RESET SIGN.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 809 PROTECT MANHOLE



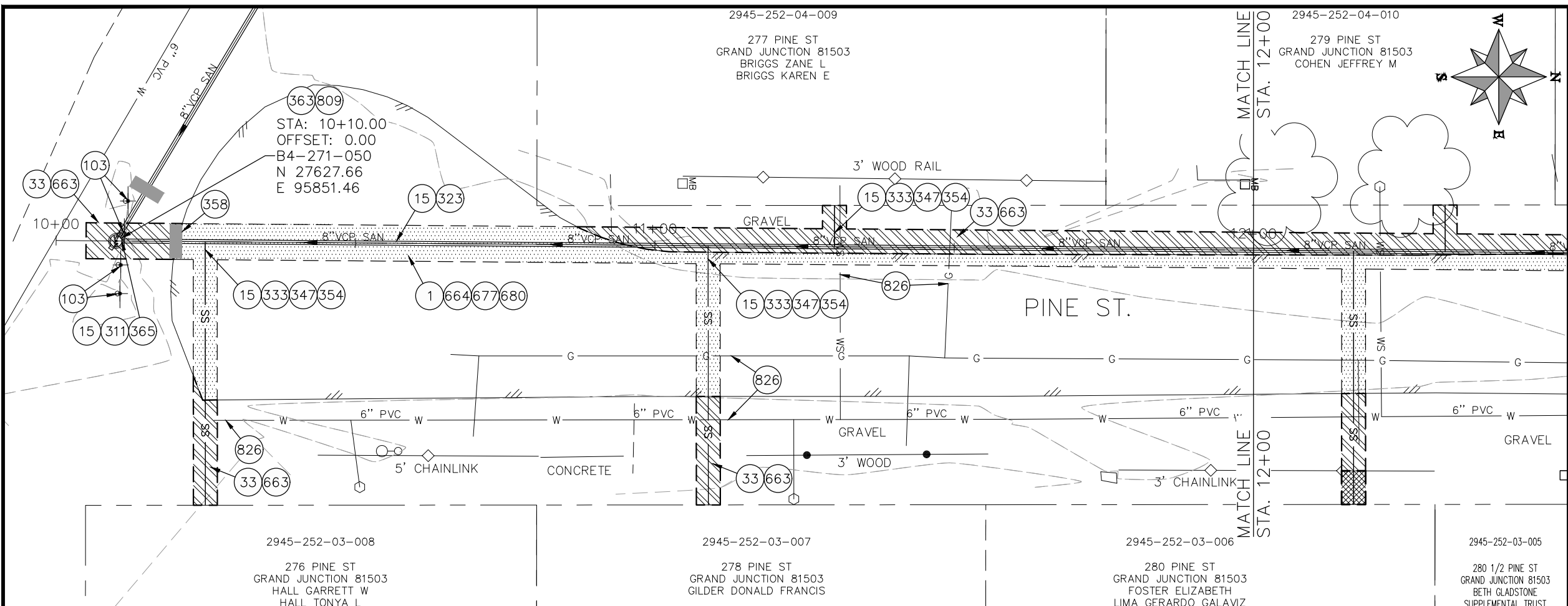
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REVISION Δ XXX		202X	DJM	4/2021
REVISION Δ XXX		202X	EM	2021
REVISION Δ XXX		202X	KH	2021

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
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 VERTICAL: 1" = 5'
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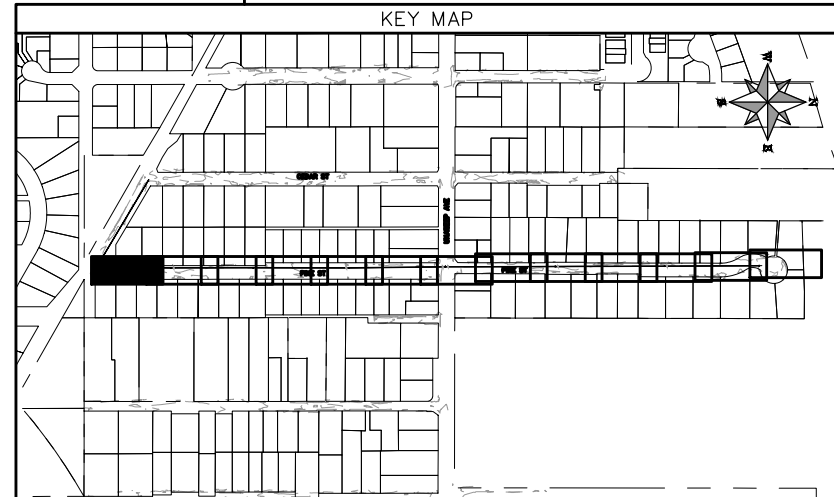
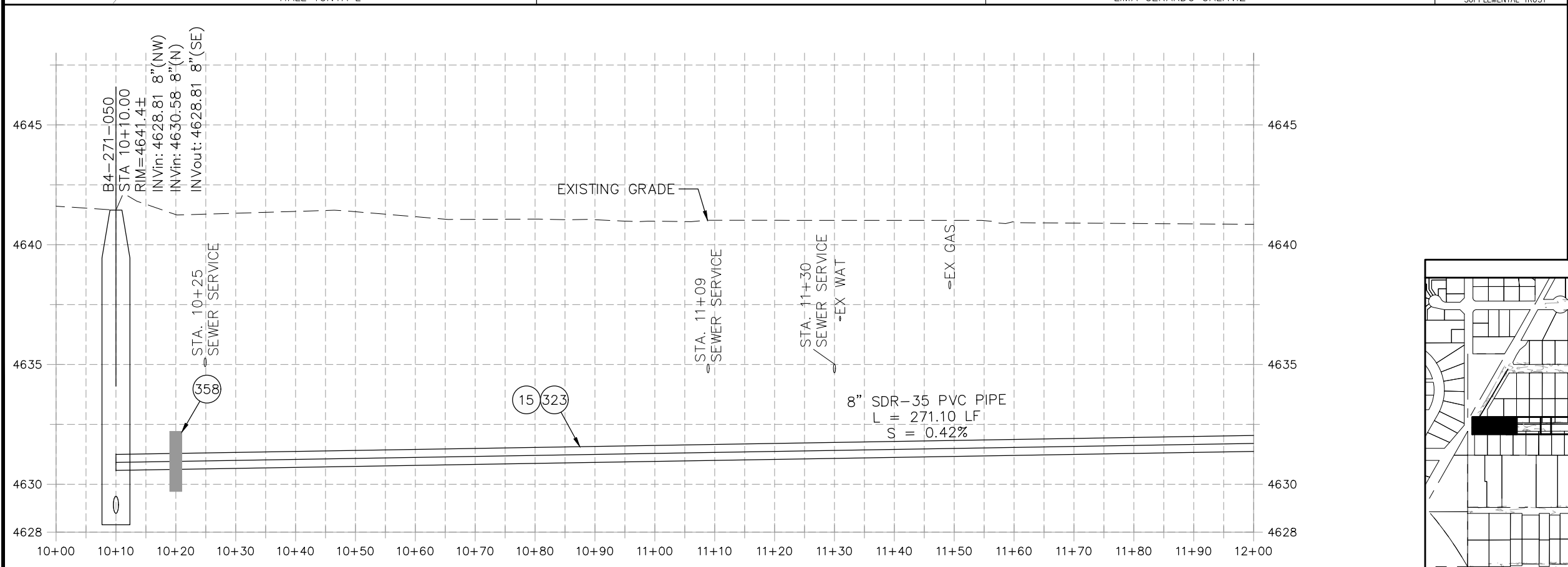


**PUBLIC WORKS
 ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
 CEDAR ST TO PINE ST PLAN AND PROFILE
 STA 102+00 TO STA 104+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 103 210 - RESET SIGN.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8\"/>



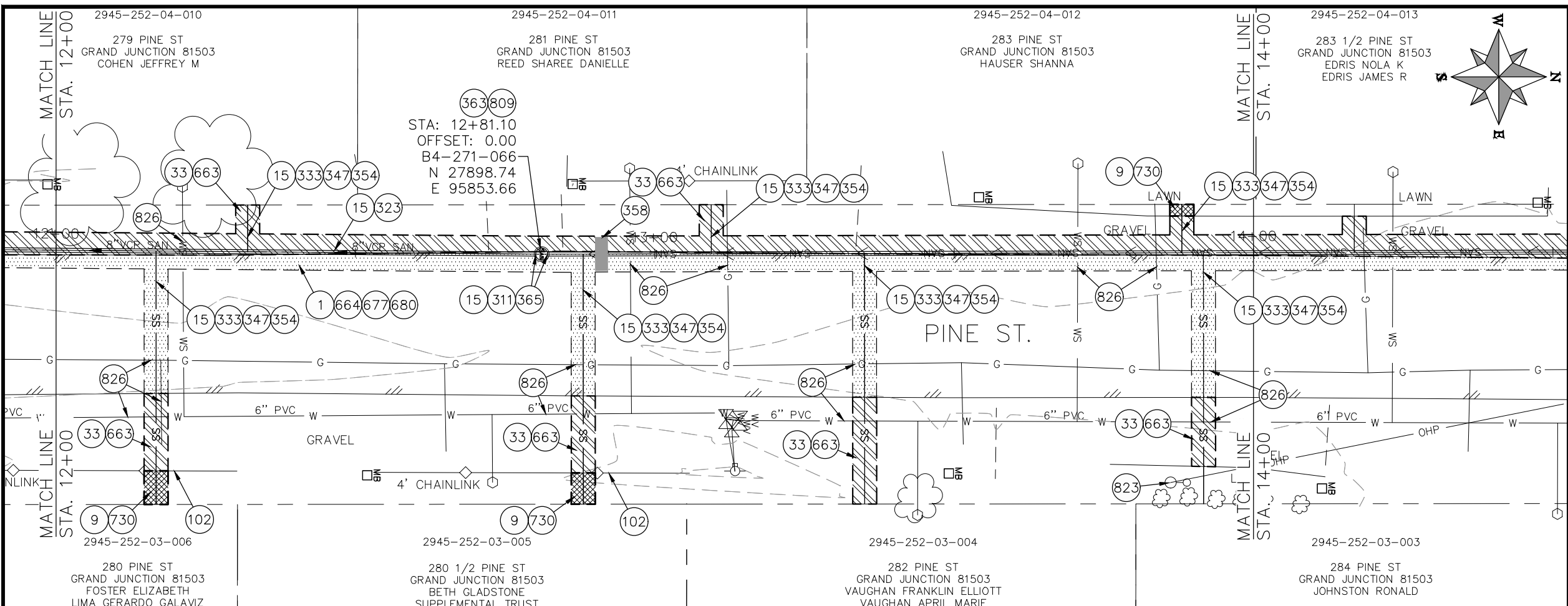
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REVISION Δ XXX		202X		DJM	4/2021
REVISION Δ XXX		202X		EM	2021
REVISION Δ XXX		202X		KH	2021

SCALES: PLAN & PROFILE	
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VERTICAL: 1" = 5'	0 1.25 2.5 5

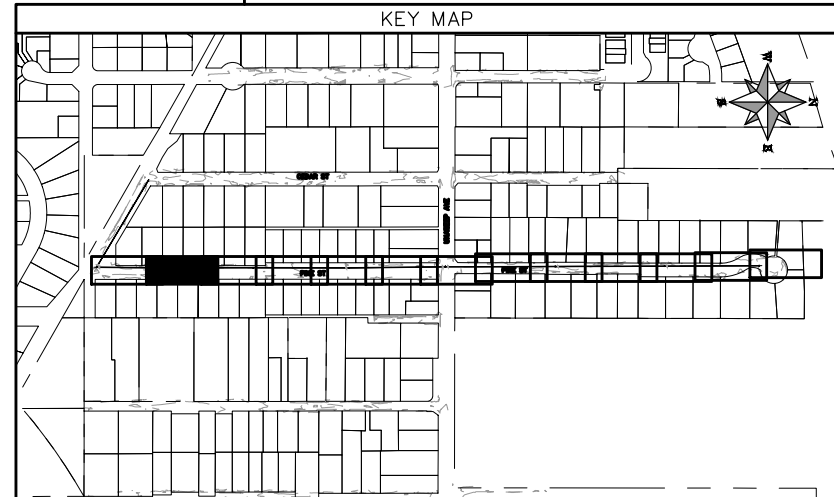
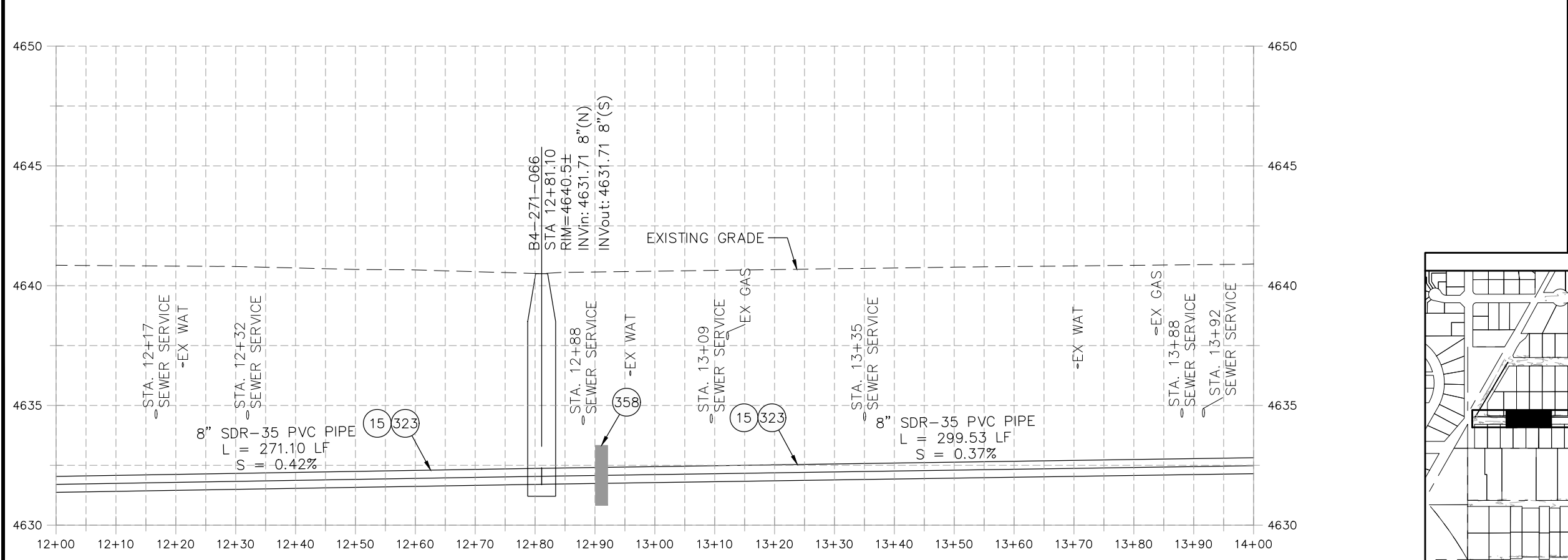


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINE ST PLAN AND PROFILE
STA 10+00 TO STA 12+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 9 202 - REMOVAL OF SOD.
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 102 210 - RESET FENCE. (HEIGHT AND MATERIAL AS SHOWN ON PLAN)
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 730 212 - RESOD AREA AS SHOWN (INCLUDES 6" OF TOPSOIL PLACEMENT PRIOR TO SOD PLACEMENT)
 - 809 PROTECT MANHOLE
 - 823 PROTECT UTILITY POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



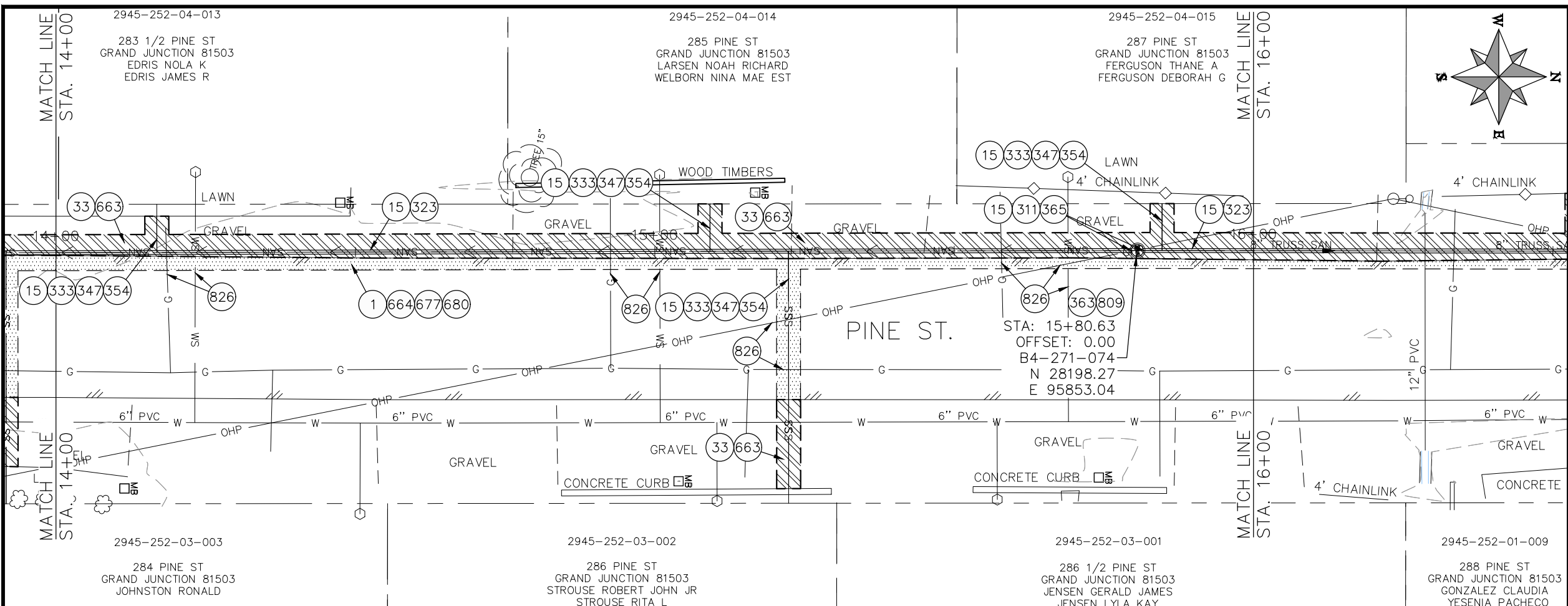
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REVISION Δ XXX		202X	----	2021
REVISION Δ XXX		202X	----	2021

SCALE	DATE	BY
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VERTICAL: 1" = 5'	4/2021	DJM
	2021	EM
	2021	KH

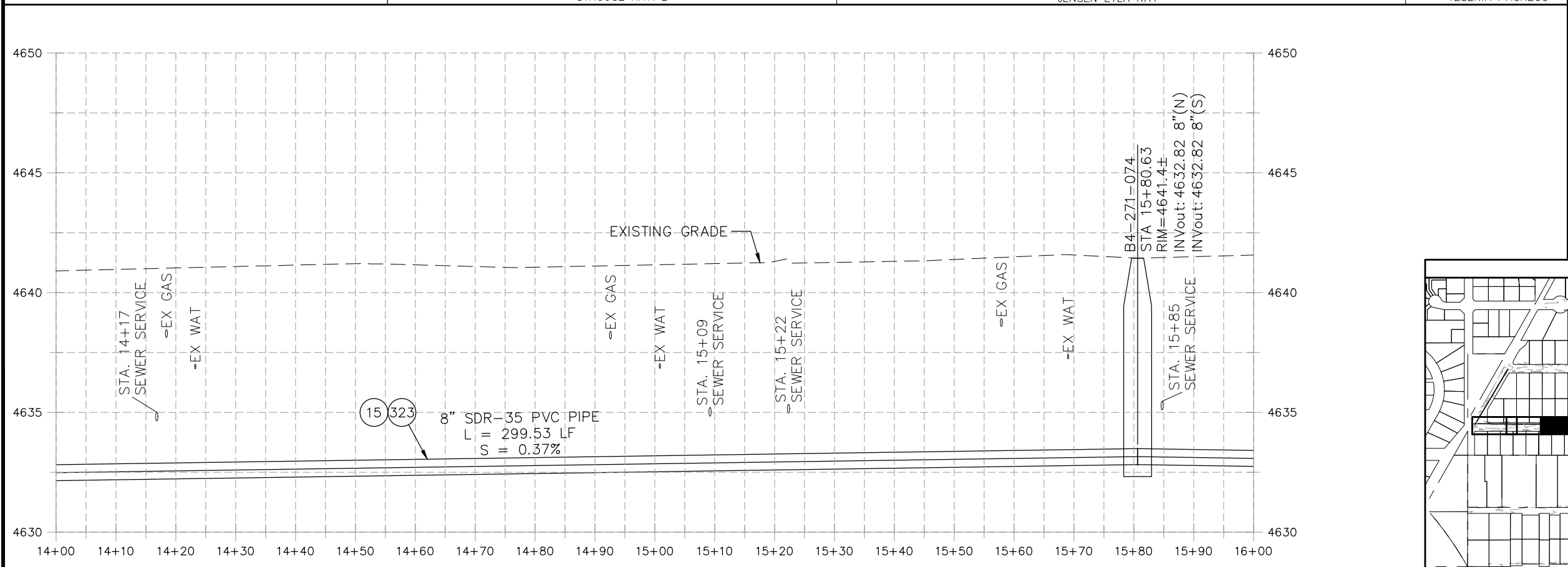


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINE ST PLAN AND PROFILE
STA 12+00 TO STA 14+00**



- ### CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8\"/>



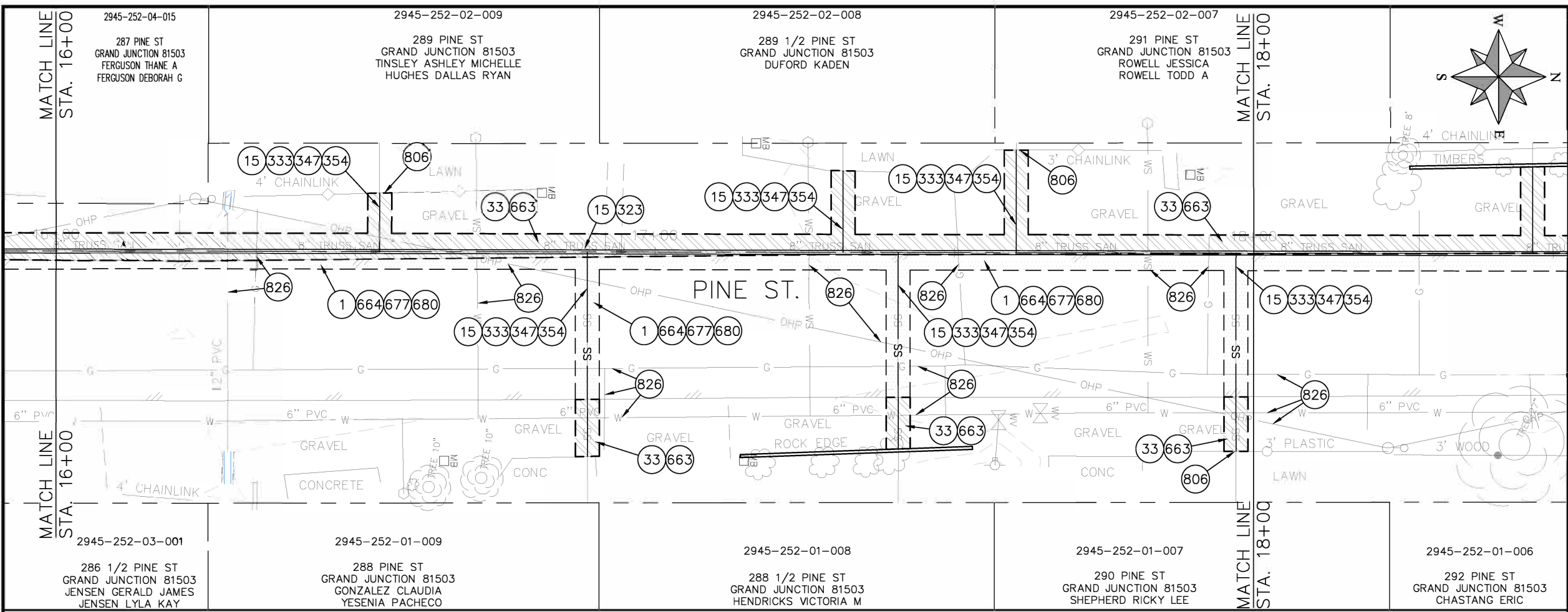
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REVISION Δ XXX		202X	---	2021
REVISION Δ XXX		202X	---	2021

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 5'

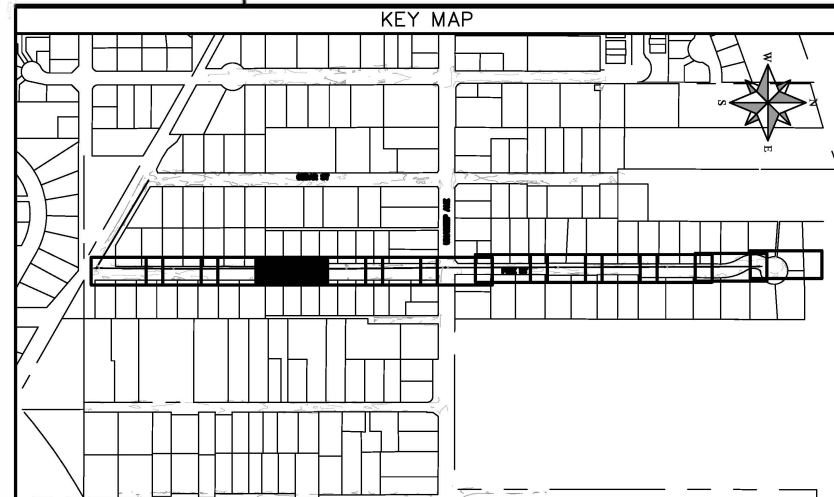
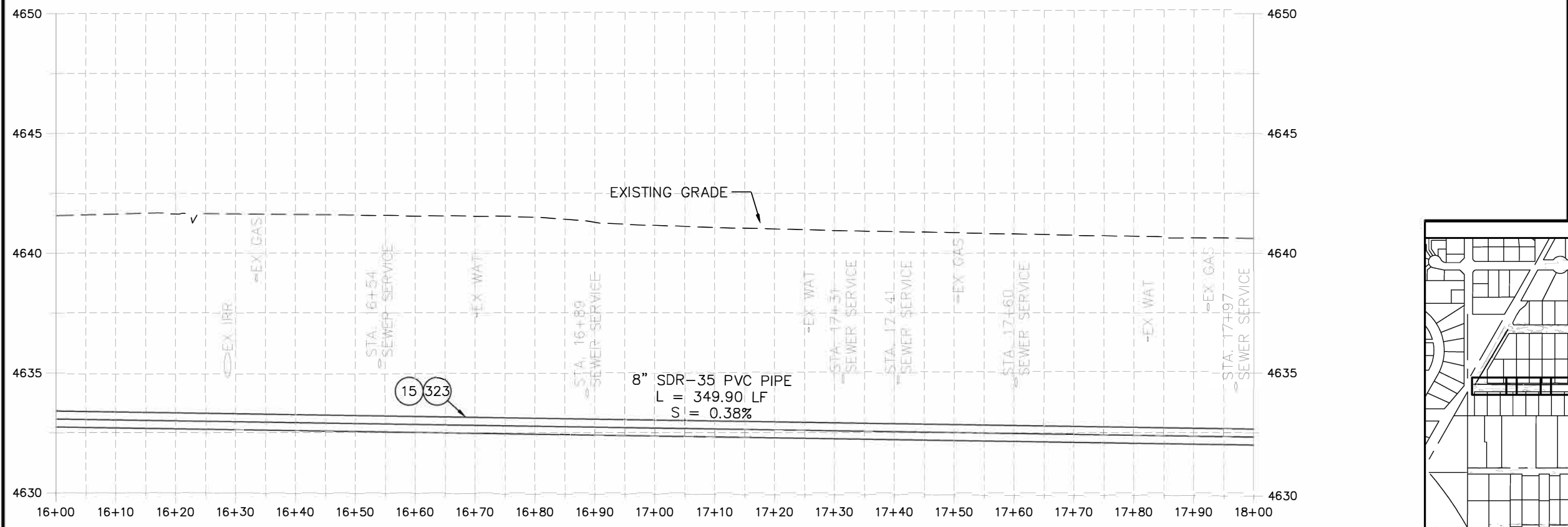


PUBLIC WORKS
 ENGINEERING DIVISION

2022 SEWER LINE REPLACEMENT - PARSES 2-4
 PINE ST PLAN AND PROFILE
 STA 14+00 TO STA 16+00



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 806 PROTECT FENCE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



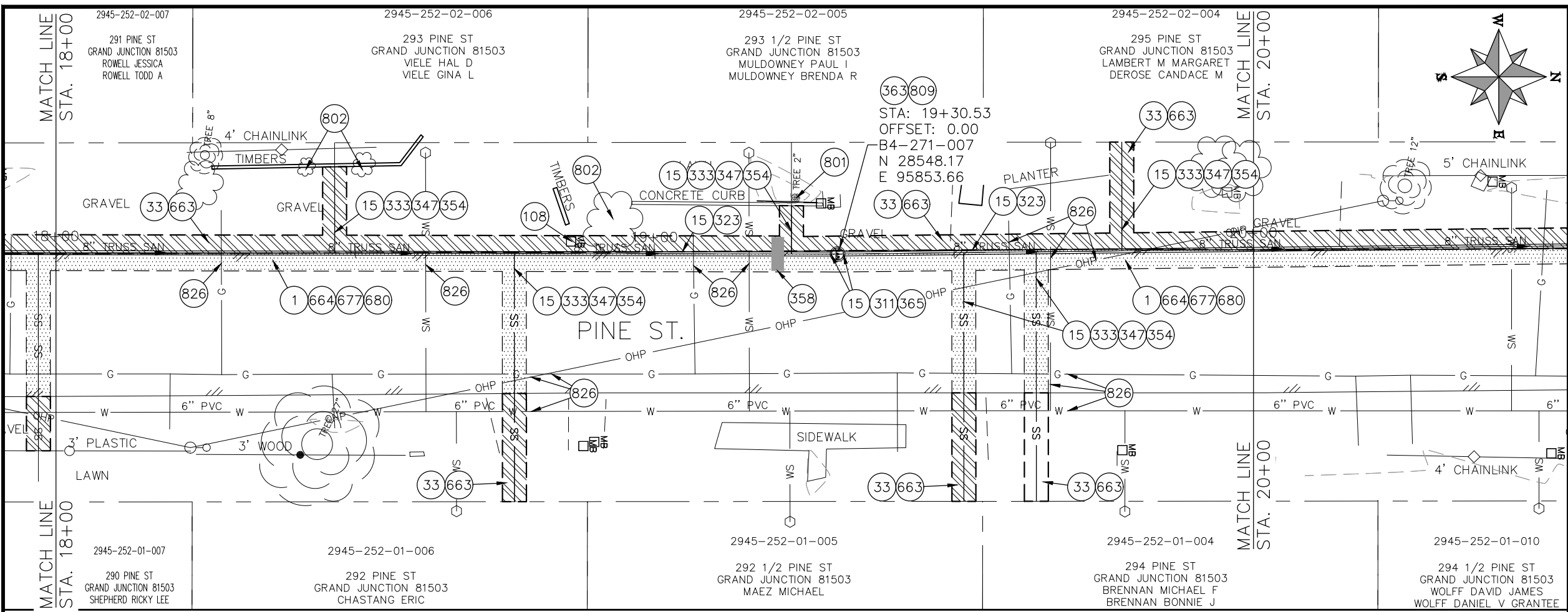
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REVISION Δ XXX	202X	2021	-----
REVISION Δ XXX	202X	2021	-----

SCALES: PLAN & PROFILE	
HORIZONTAL: 1" = 20'	0 5 10 20
VERTICAL: 1" = 5'	0 1.25 2.5 5

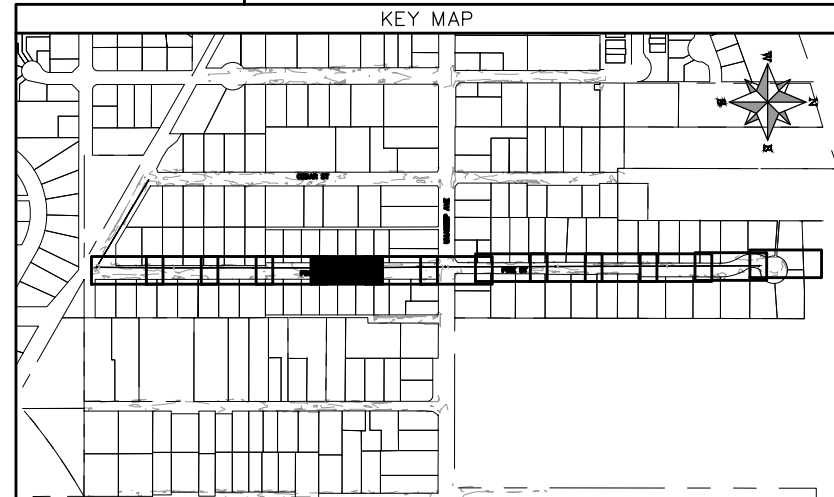
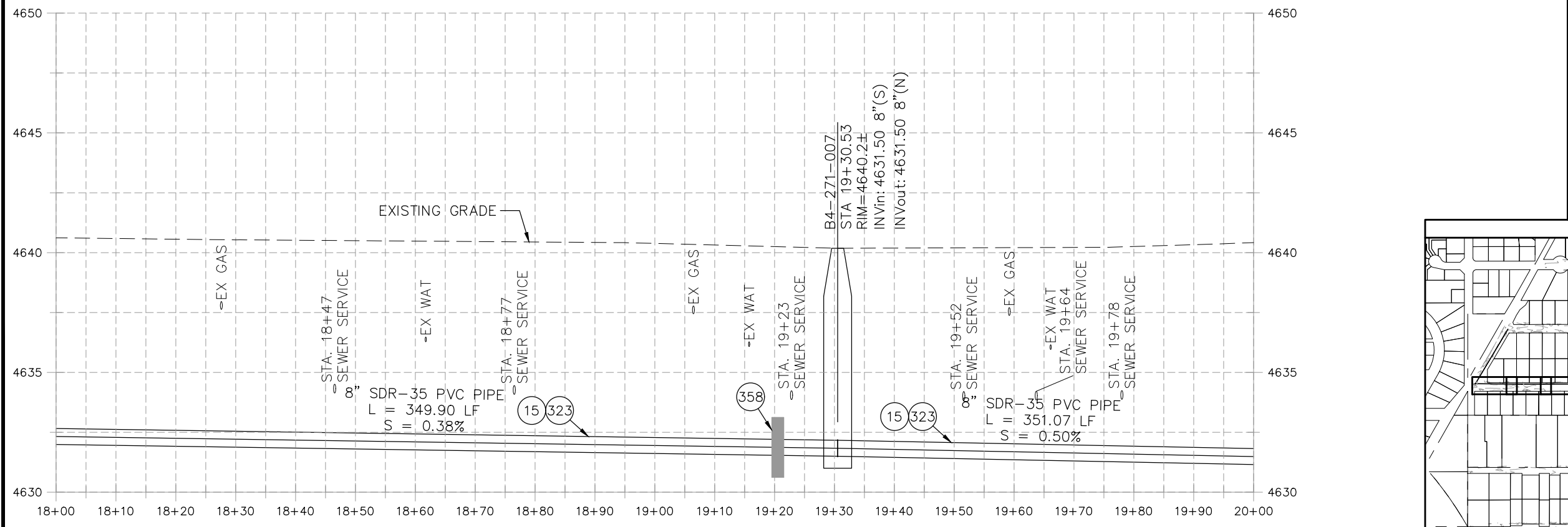


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINE ST PLAN AND PROFILE
STA 16+00 TO STA 18+00**



- ### CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 108 210 - RESET MAILBOX TO NEW 4X4 POST.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 801 PROTECT TREE
 - 802 PROTECT BUSH
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



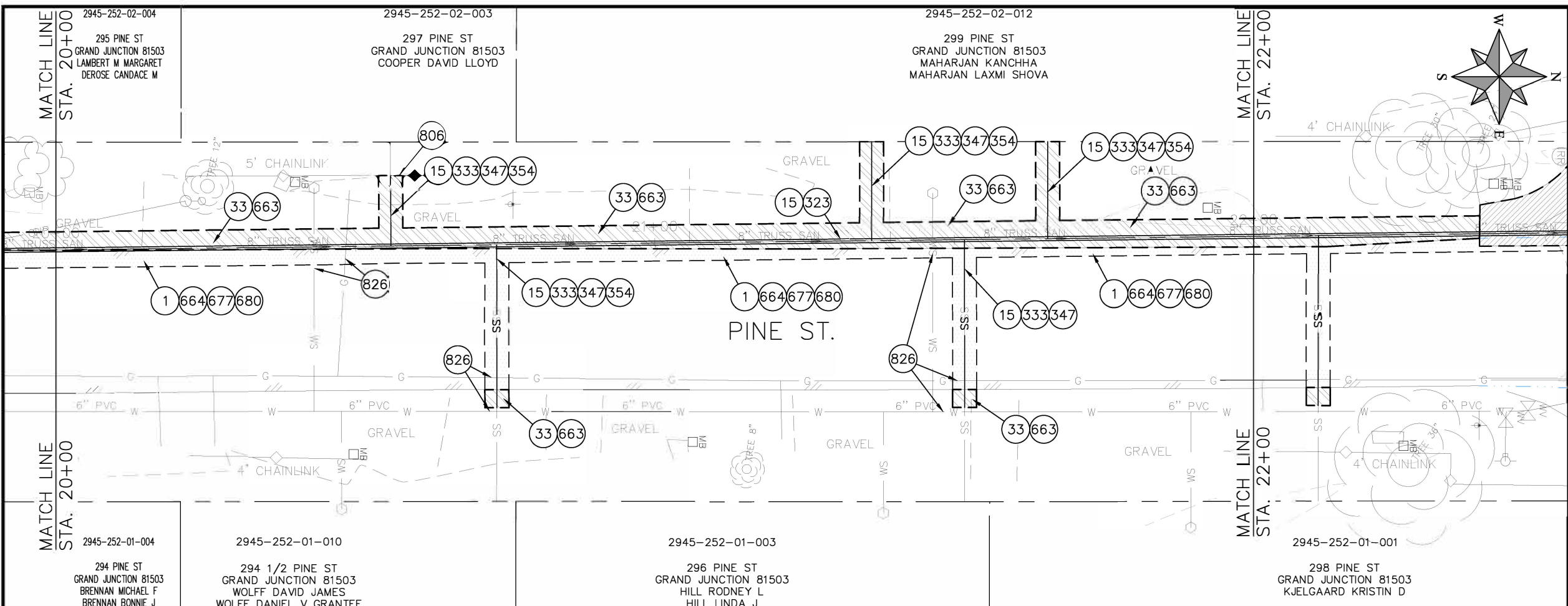
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REVISION Δ XXX		202X		2021
REVISION Δ XXX		202X		2021

SCALES: PLAN & PROFILE	
HORIZONTAL: 1" = 20'	0 5 10 20
VERTICAL: 1" = 5'	0 1.25 2.5 5

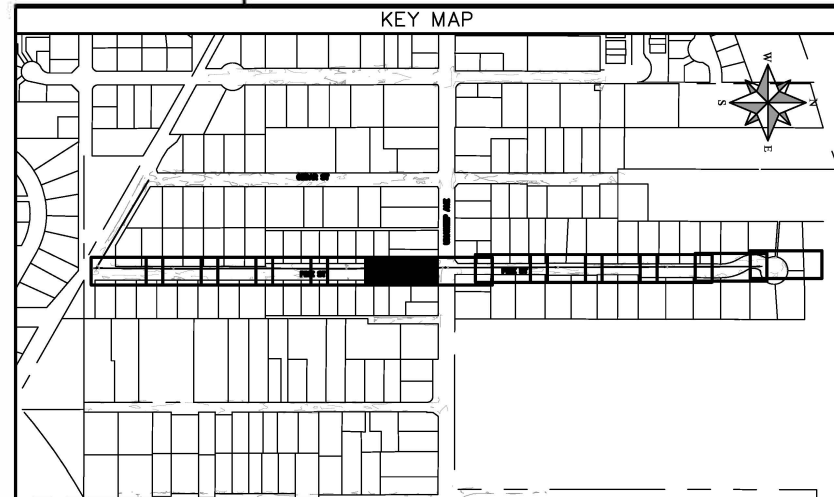
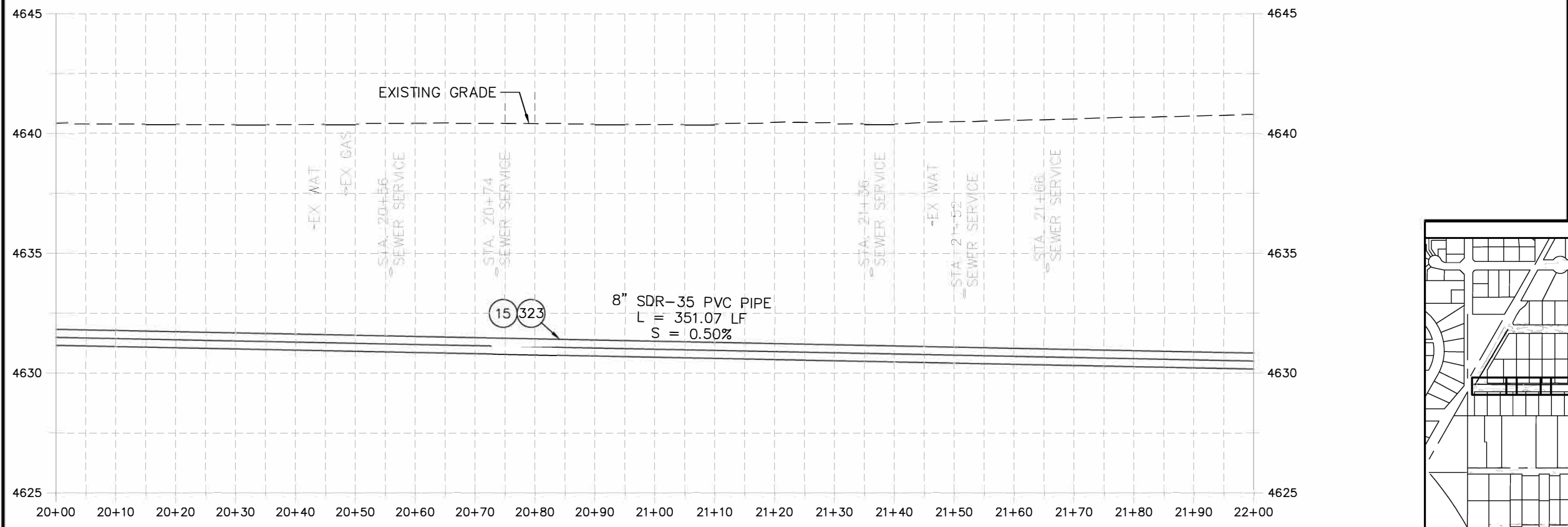
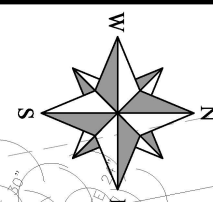


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINE ST PLAN AND PROFILE
STA 18+00 TO STA 20+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 806 PROTECT FENCE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



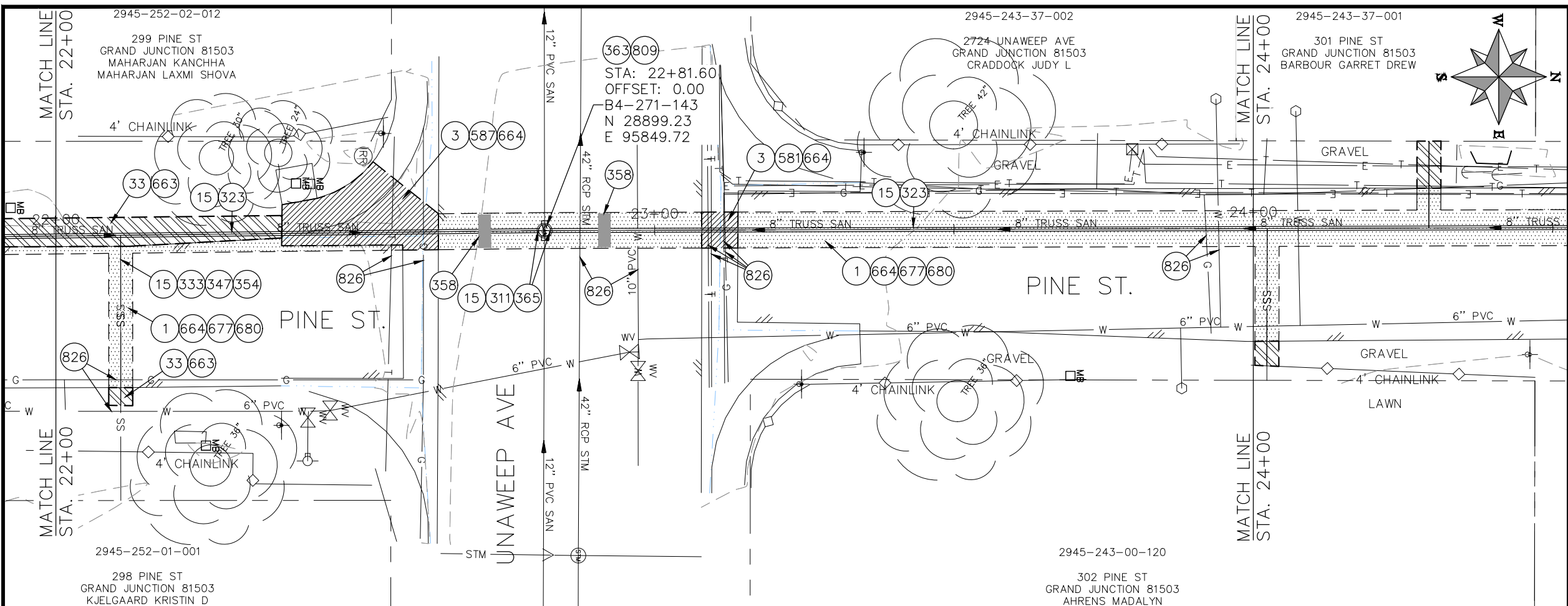
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REVISION Δ XXX		202X		4/2021
REVISION Δ XXX		202X		2021
REVISION Δ XXX		202X		2021

SCALES: PLAN & PROFILE
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'

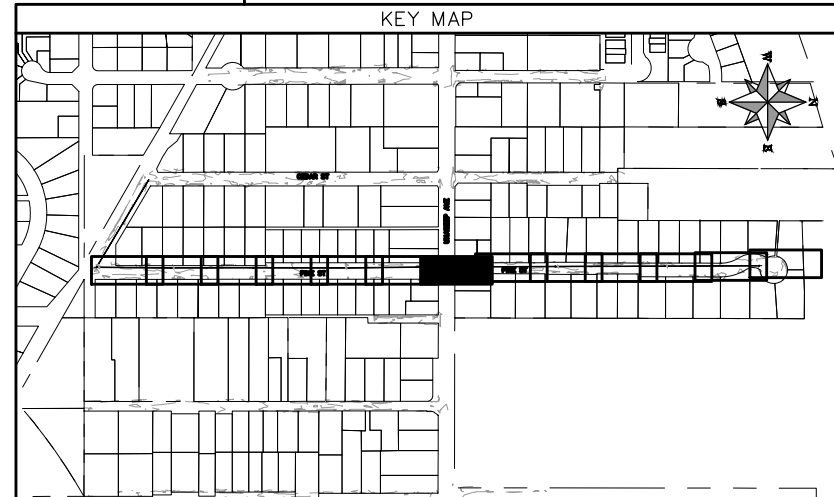
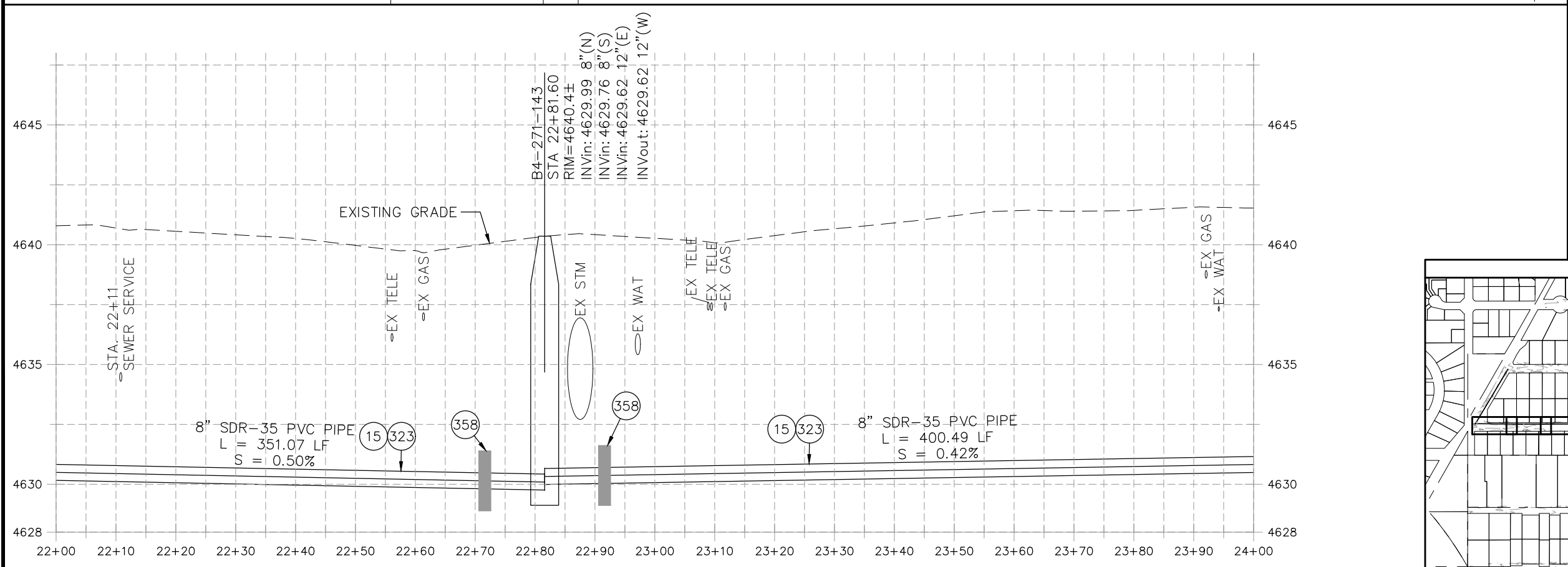


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINE ST PLAN AND PROFILE
STA 20+00 TO STA 22+00**



- ### CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 581 608.06 - CONCRETE DRAINAGE PAN (6' WIDE) (8" THICK MIN.)
 - 587 608.06 - CONCRETE INTERSECTION CORNER
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



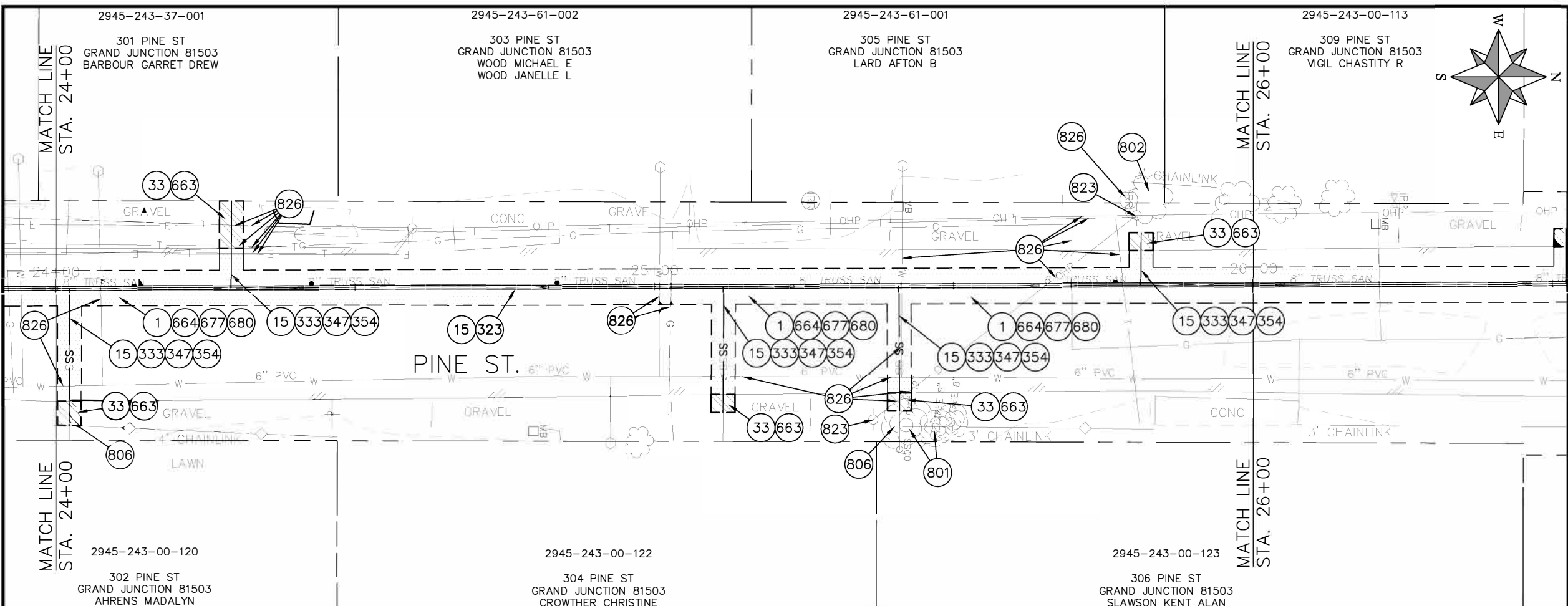
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REVISION Δ XXX		202X		4/2021
REVISION Δ XXX		202X		2021
REVISION Δ XXX		202X		2021

SCALES: PLAN & PROFILE
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'

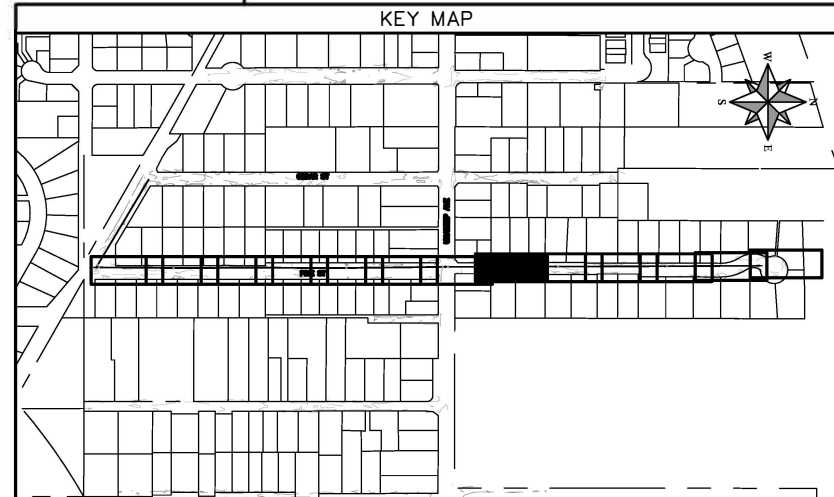
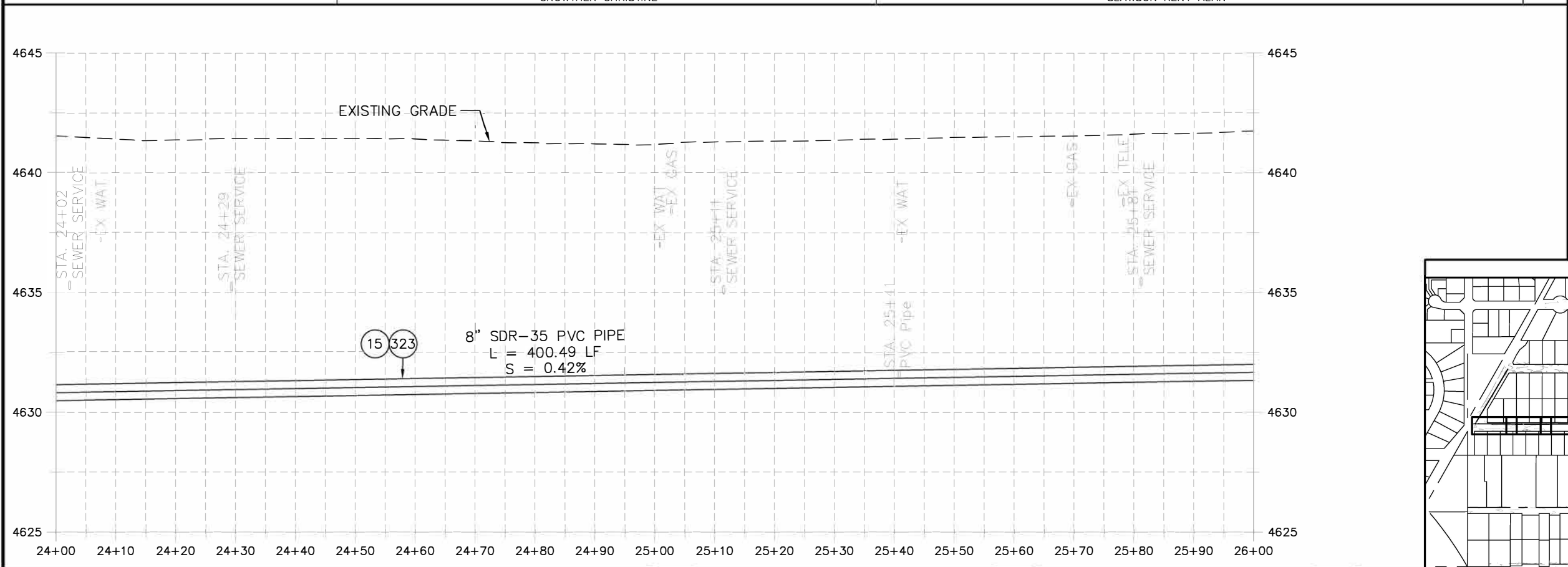


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINE ST PLAN AND PROFILE
STA 22+00 TO STA 24+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 801 PROTECT TREE
 - 802 PROTECT BUSH
 - 806 PROTECT FENCE
 - 823 PROTECT UTILITY POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



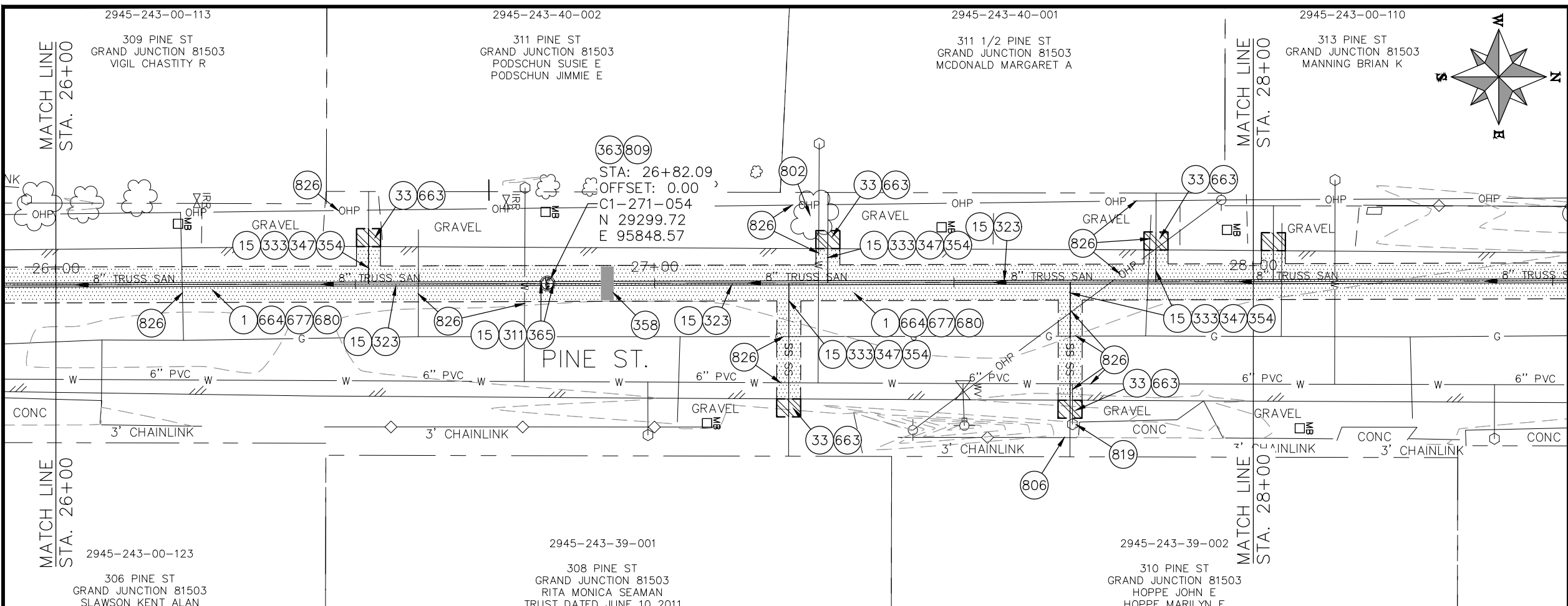
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REVISION Δ XXX		202X	DRAWN BY DJM	DATE 04/2021
REVISION Δ XXX		202X	DESIGNED BY DJM	DATE 4/2021
REVISION Δ XXX		202X	CHECKED BY EM	DATE 2021
REVISION Δ XXX		202X	APPROVED BY KH	DATE 2021

SCALES: PLAN & PROFILE	
HORIZONTAL: 1" = 20'	0 5 10 20
VERTICAL: 1" = 5'	0 1.25 2.5 5

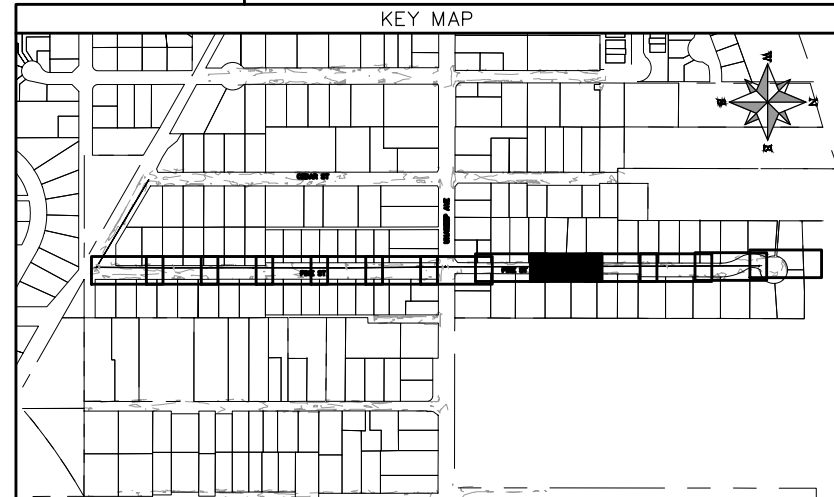
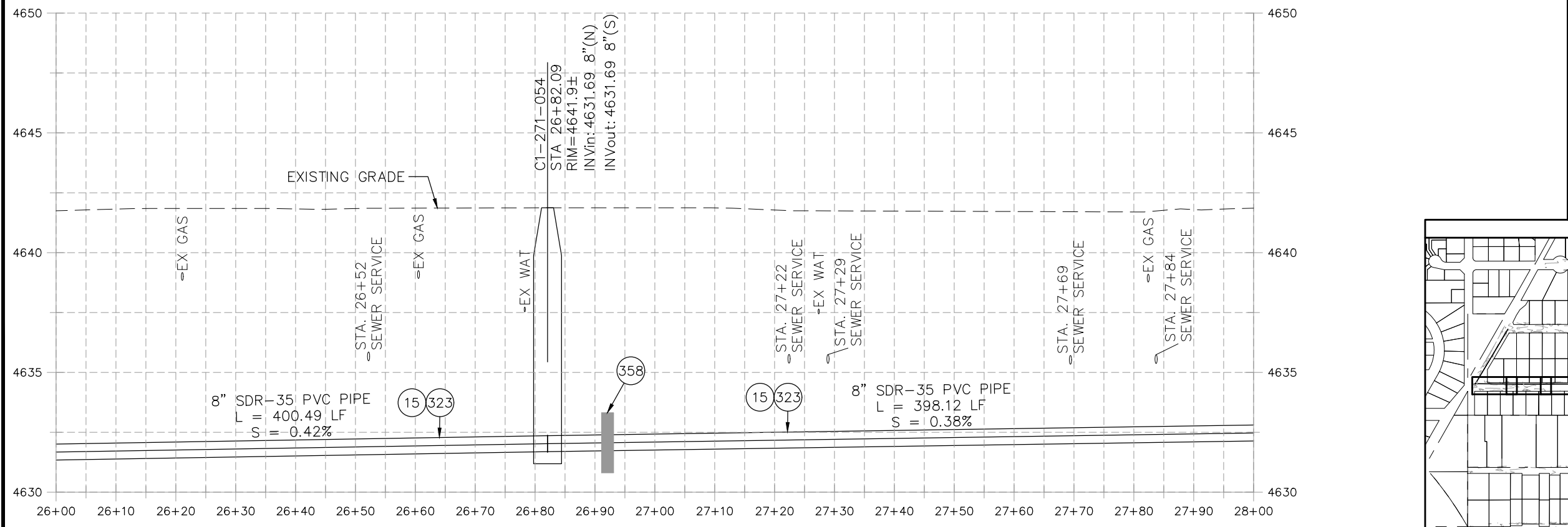


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINE ST PLAN AND PROFILE
STA 24+00 TO STA 26+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 802 PROTECT BUSH
 - 806 PROTECT FENCE
 - 809 PROTECT MANHOLE
 - 819 PROTECT WATER METER
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



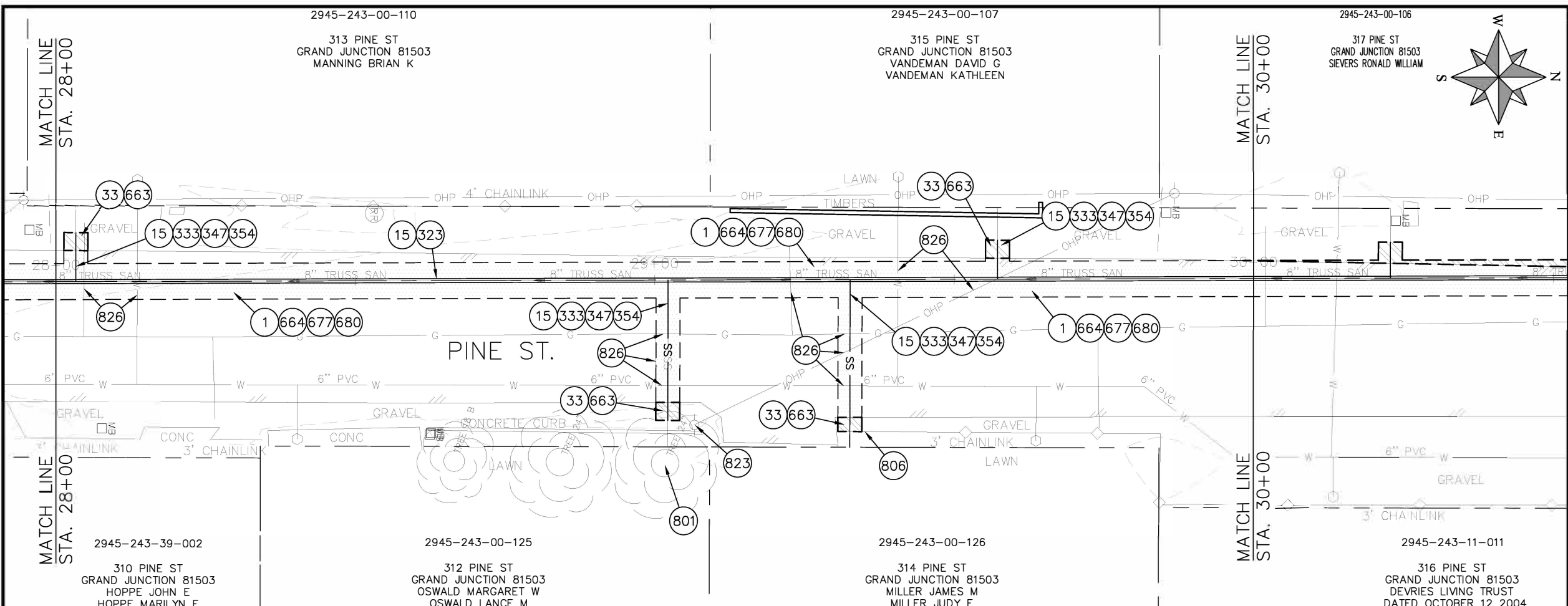
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REVISION Δ XXX		202X	---	2021

SCALE	DATE	DATE
HORIZONTAL: 1" = 20'	DRAWN BY DJM	04/2021
VERTICAL: 1" = 5'	DESIGNED BY DJM	4/2021
	CHECKED BY EM	2021
	APPROVED BY KH	2021

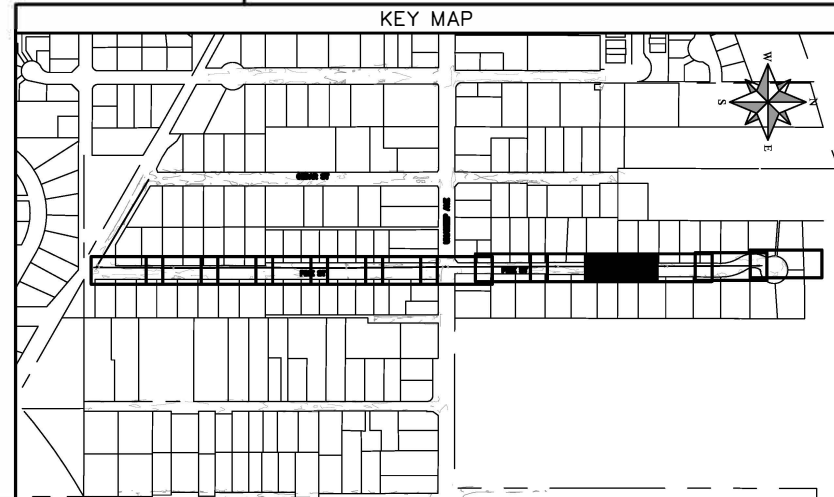
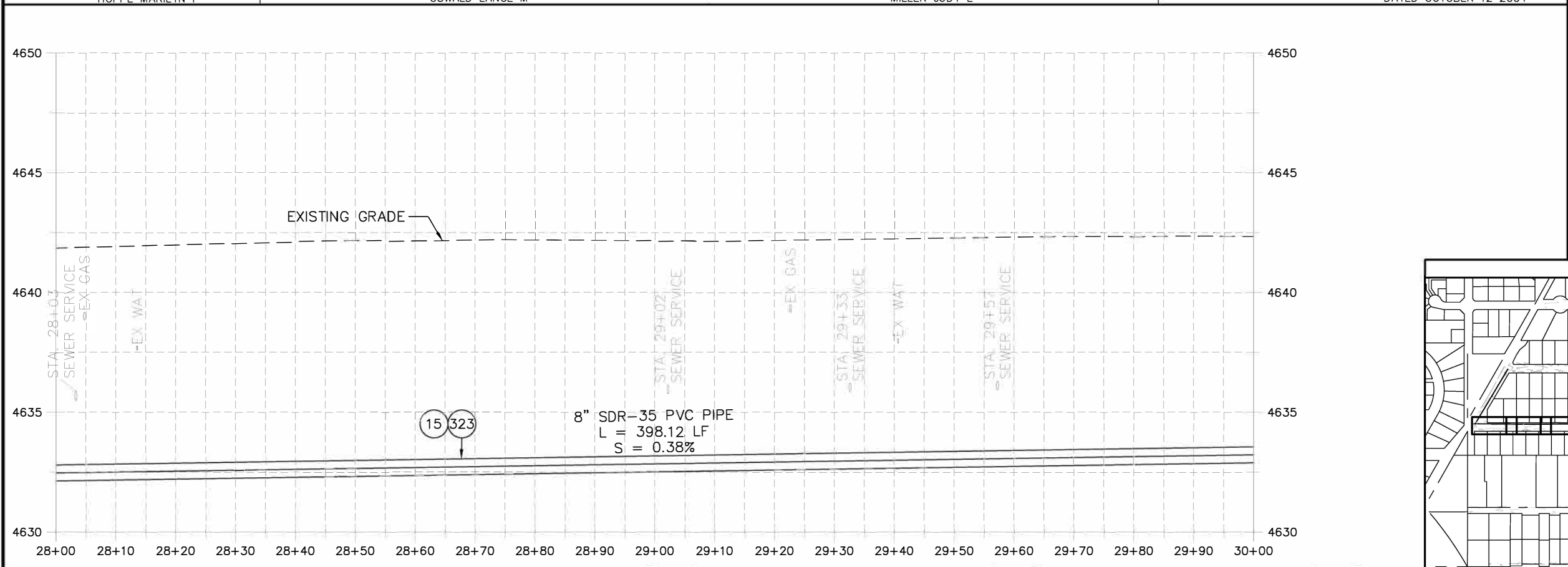


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINE ST PLAN AND PROFILE
STA 26+00 TO STA 28+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 801 PROTECT TREE
 - 806 PROTECT FENCE
 - 823 PROTECT UTILITY POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



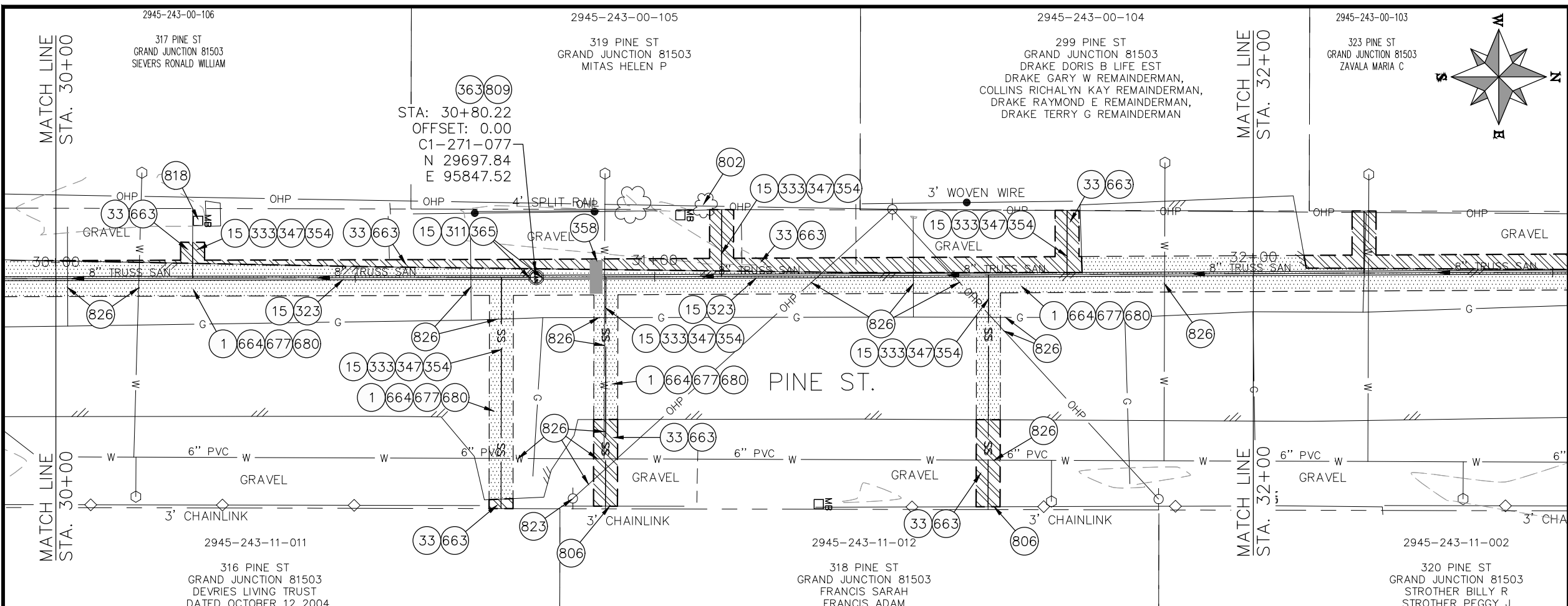
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REVISION Δ XXX		202X	---	4/2021
REVISION Δ XXX		202X	---	2021
REVISION Δ XXX		202X	---	2021

SCALES: PLAN & PROFILE
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'

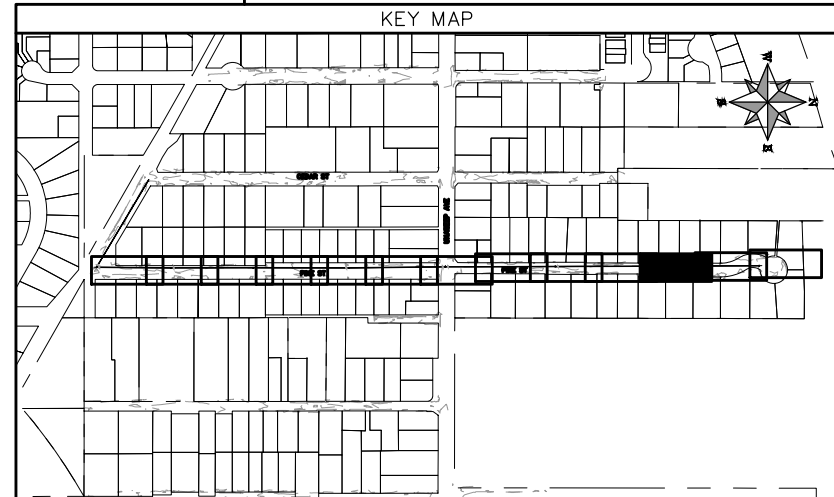
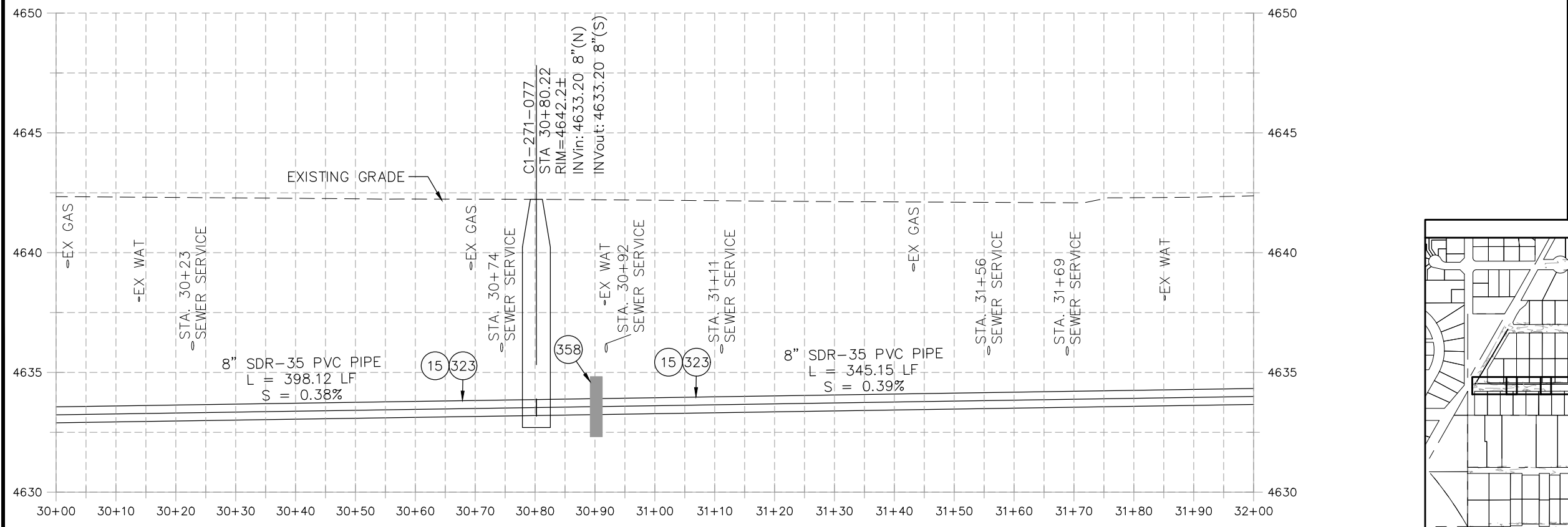


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINE ST PLAN AND PROFILE
STA 28+00 TO STA 30+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 802 PROTECT BUSH
 - 806 PROTECT FENCE
 - 809 PROTECT MANHOLE
 - 818 PROTECT MAILBOX.
 - 823 PROTECT UTILITY POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



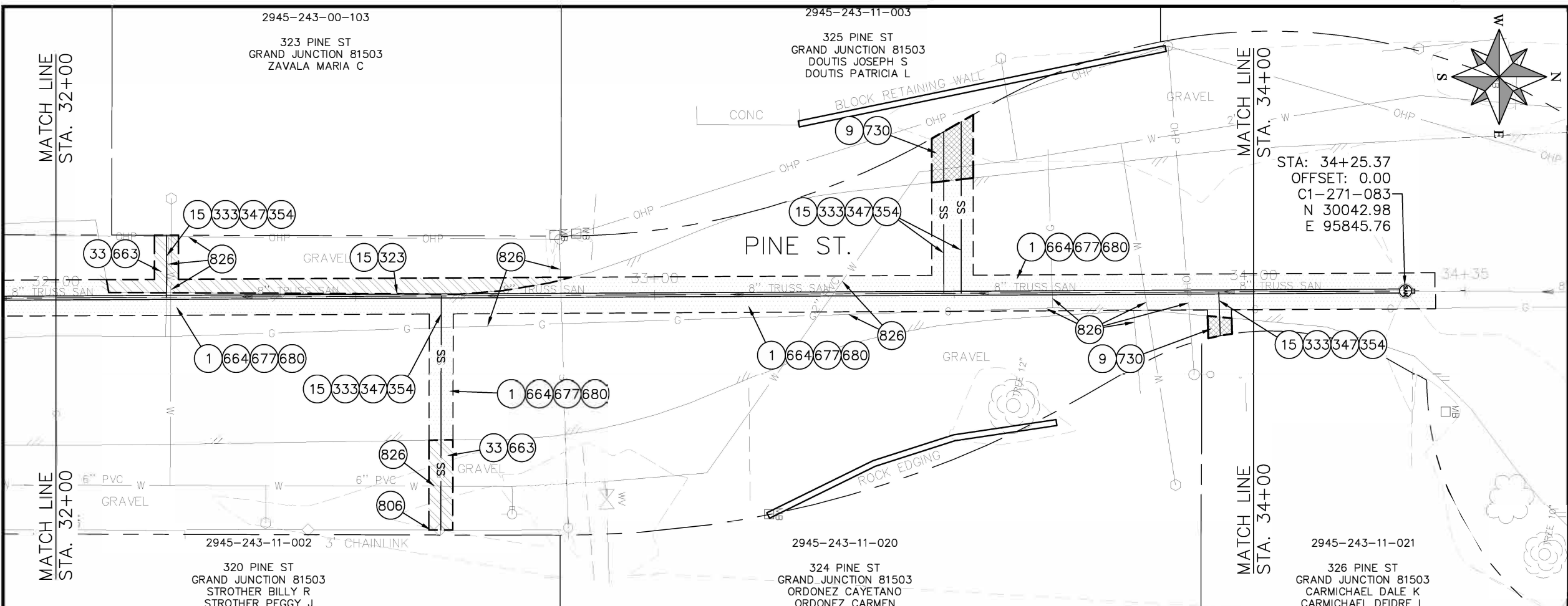
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REVISION Δ XXX		202X	---	4/2021
REVISION Δ XXX		202X	---	2021
REVISION Δ XXX		202X	---	2021

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 5'

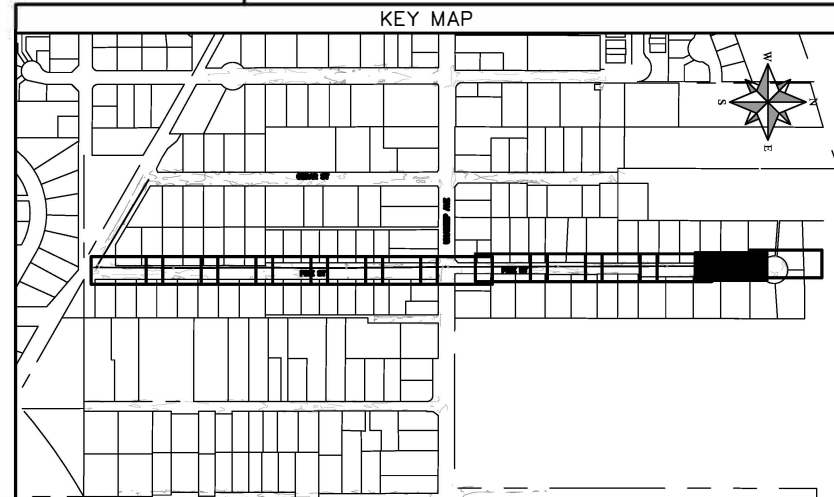
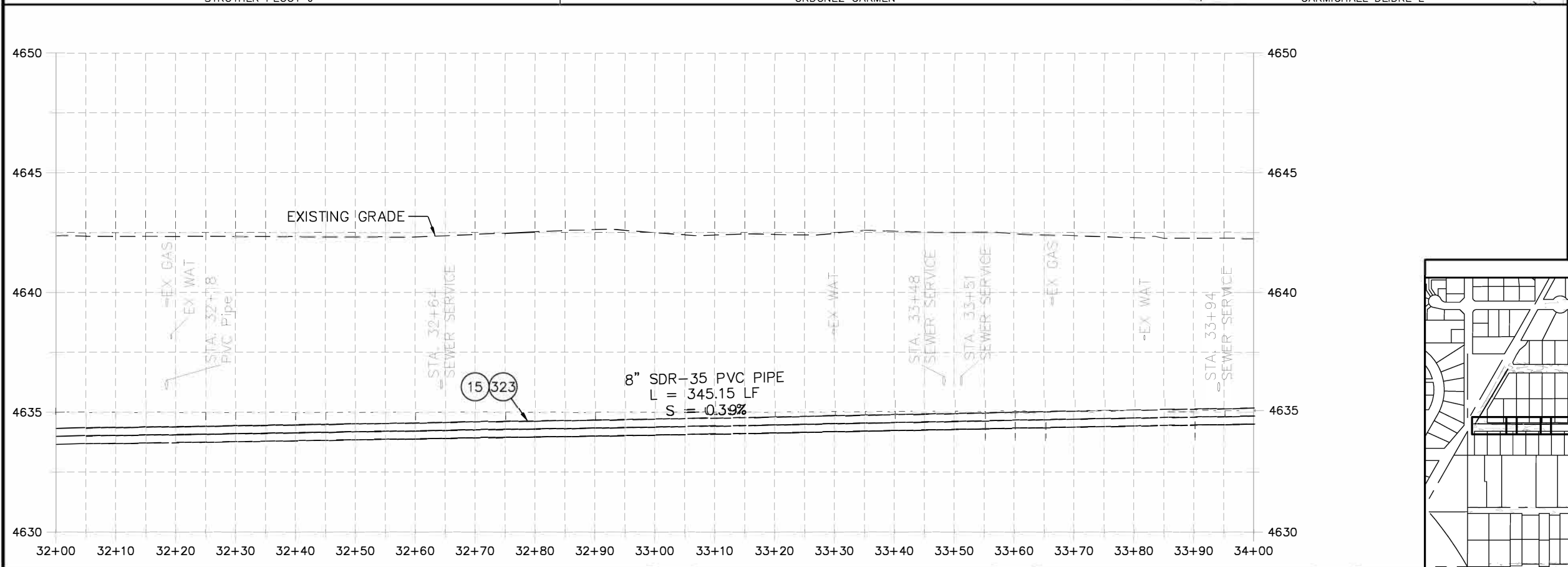


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINE ST PLAN AND PROFILE
STA 30+00 TO STA 32+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 9 202 - REMOVAL OF SOD.
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 730 212 - RESOD AREA AS SHOWN (INCLUDES 6" OF TOPSOIL PLACEMENT PRIOR TO SOD PLACEMENT)
 - 806 PROTECT FENCE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



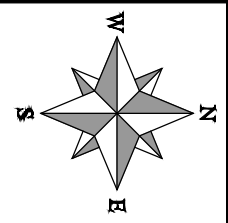
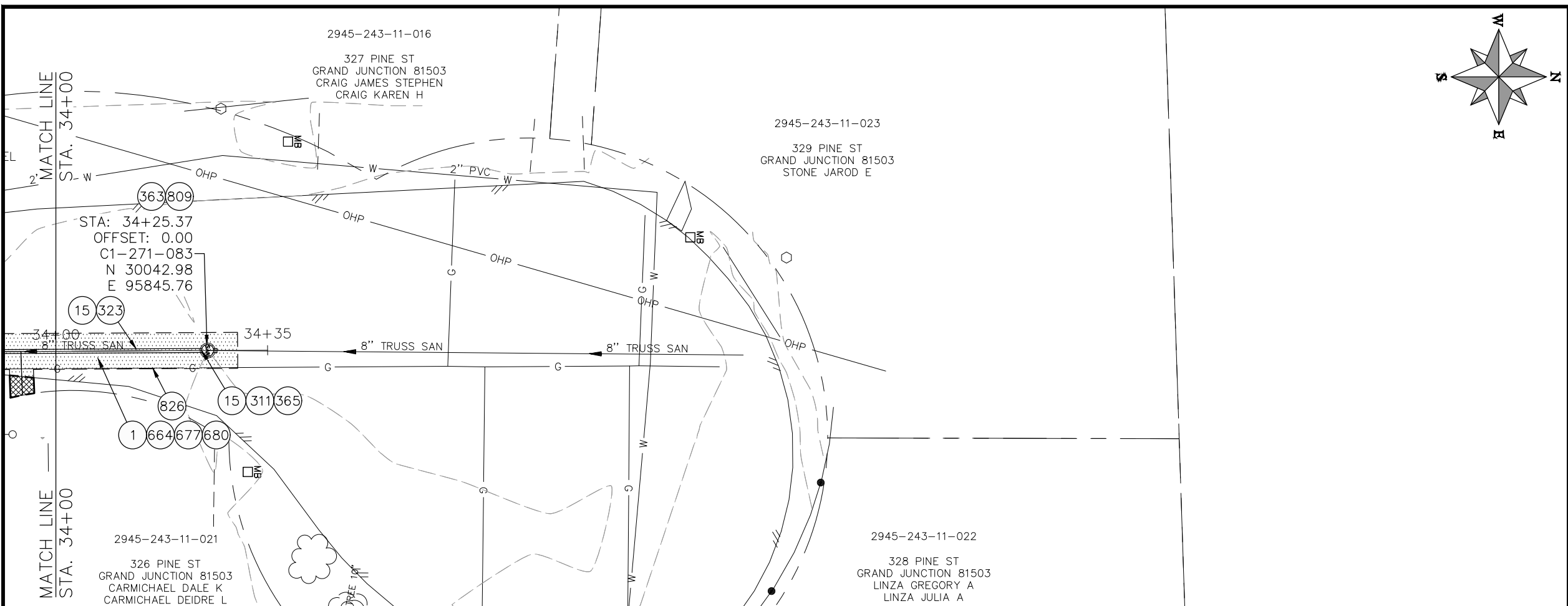
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REVISION Δ XXX		202X		04/2021
REVISION Δ XXX		202X		4/2021
REVISION Δ XXX		202X		2021
REVISION Δ XXX		202X		2021

SCALE	DESCRIPTION
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0 1.25 2.5 5	VERTICAL: 1" = 5'

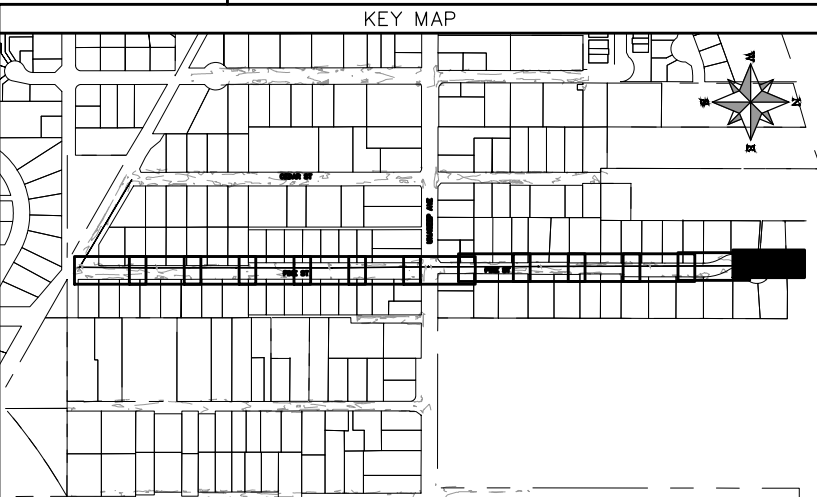
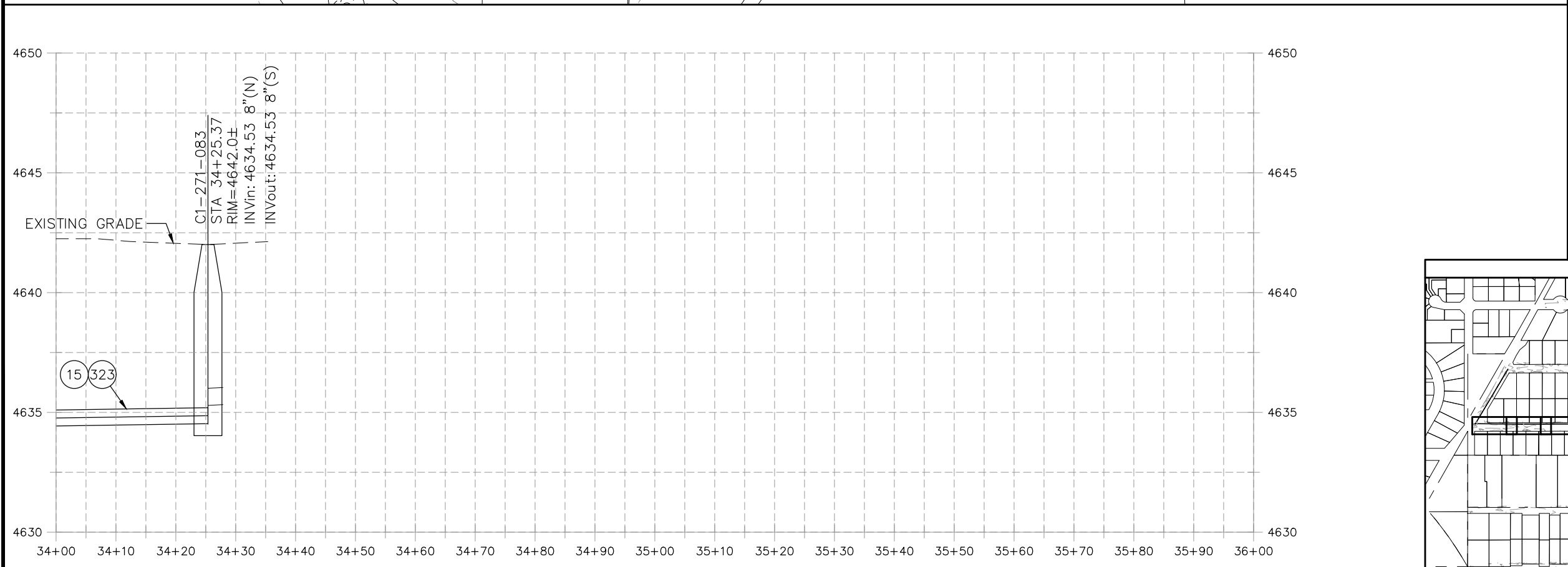


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINE ST PLAN AND PROFILE
STA 32+00 TO STA 34+00**



- CONSTRUCTION NOTES**
- ① 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



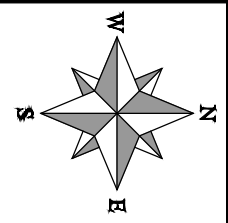
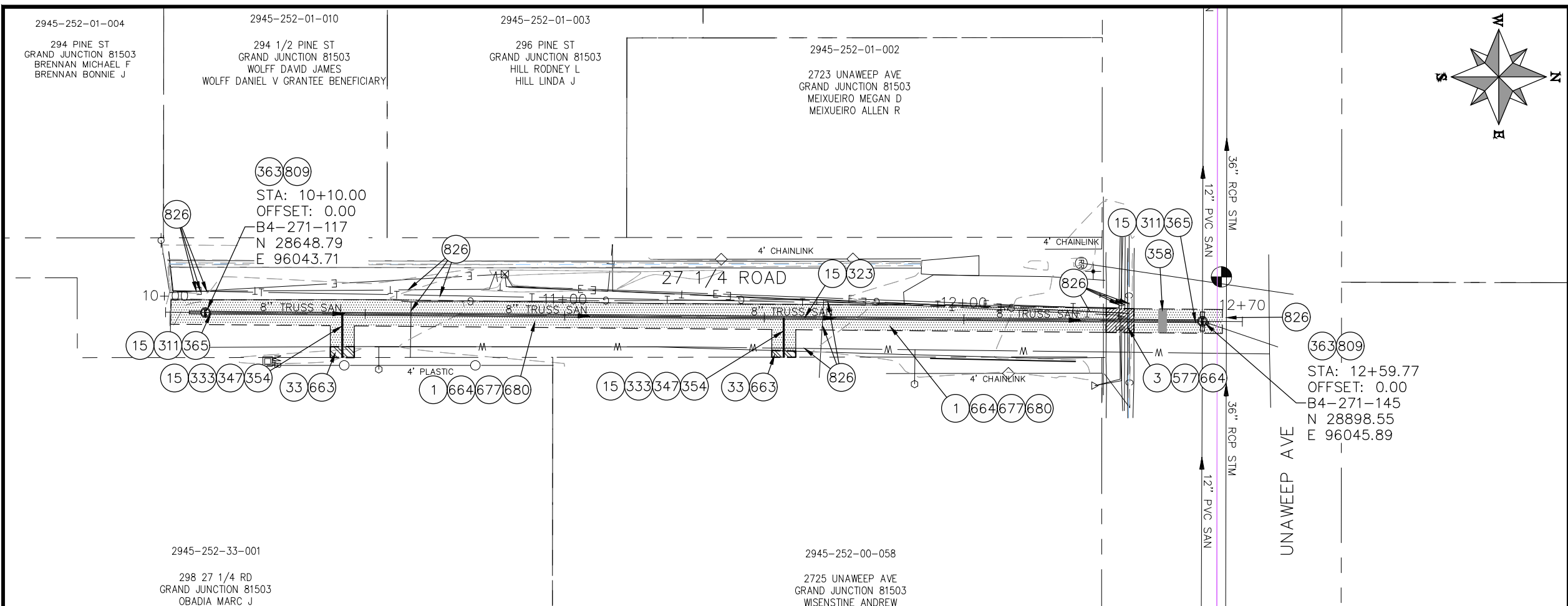
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REVISION Δ XXX		202X	DJM	04/2021
REVISION Δ XXX		202X	DJM	4/2021
REVISION Δ XXX		202X	EM	2021
REVISION Δ XXX		202X	KH	2021

SCALES: PLAN & PROFILE	
HORIZONTAL: 1" = 20'	0 5 10 20
VERTICAL: 1" = 5'	0 1.25 2.5 5

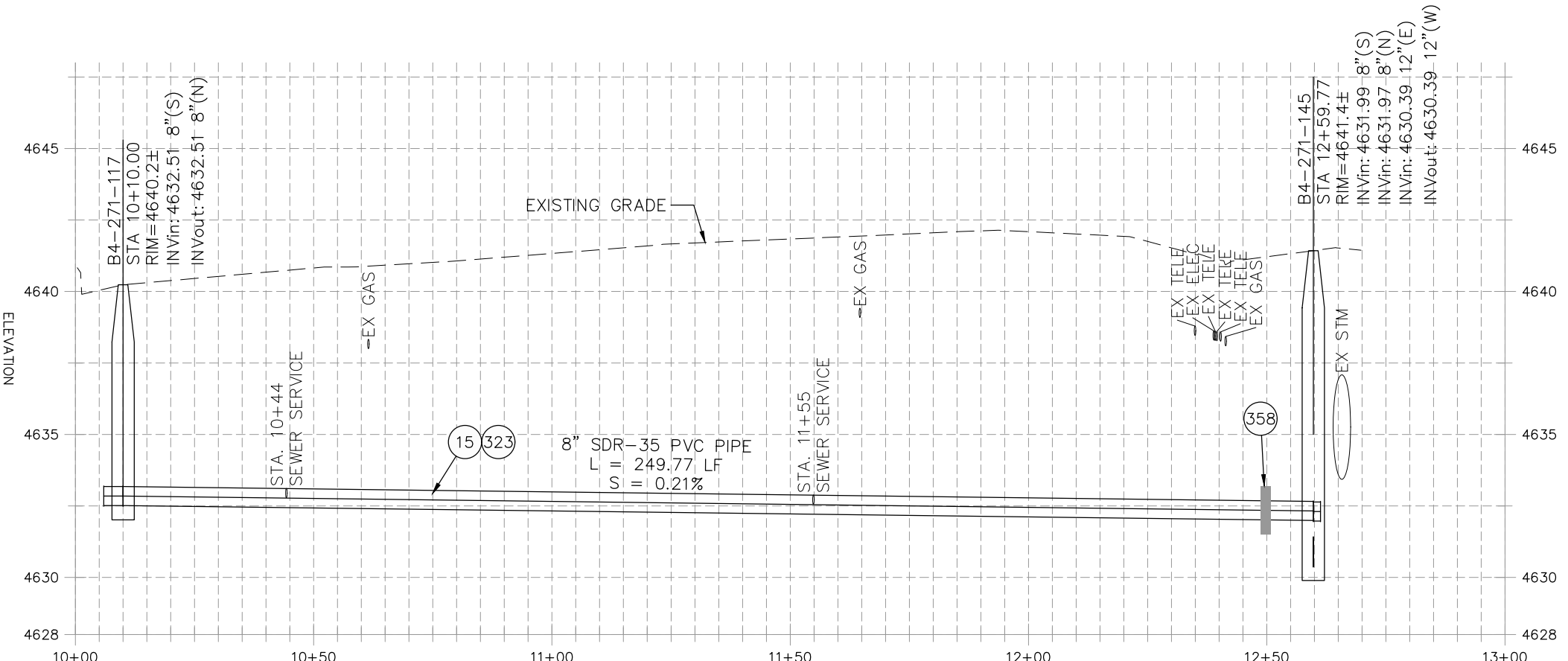


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
PINE ST PLAN AND PROFILE
STA 34+00 TO STA 36+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 577 608.06 - CONCRETE DRIVEWAY SECTION AND GUTTER (8" THICK) (COMMERCIAL)
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



REVISION	△ XXX	DATE	PROJECT NO.	DATE
REVISION	△ XXX	DATE	DESIGNED BY	DATE
REVISION	△ XXX	DATE	CHECKED BY	DATE
REVISION	△ XXX	DATE	APPROVED BY	DATE

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 30'
 0 7.5 15 30
 VERTICAL: 1" = 5'
 0 1.25 2.5 5



**PUBLIC WORKS
ENGINEERING DIVISION**

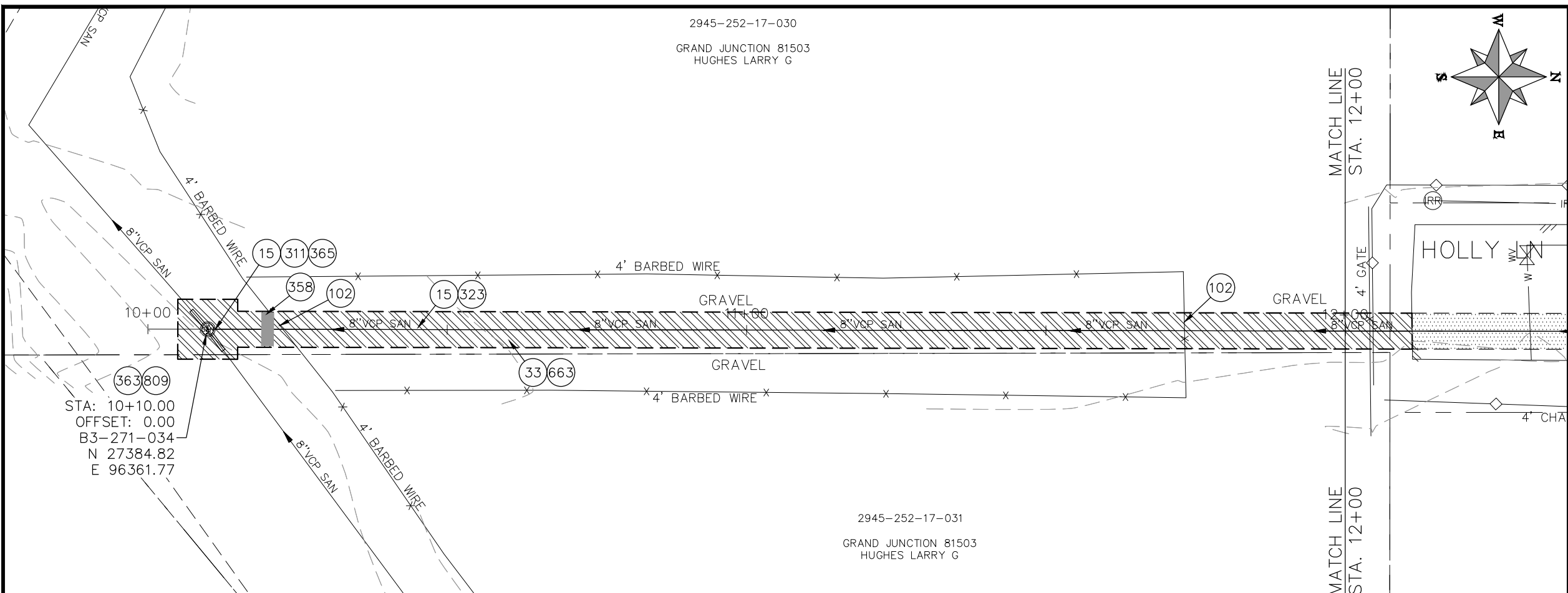
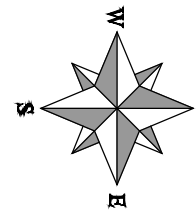
**2022 SEWER REPLACEMENT - PARSES 2-4
27 1/4 ROAD PLAN AND PROFILE
STA 10+00 TO STA 13+00**

2945-252-17-030
 GRAND JUNCTION 81503
 HUGHES LARRY G

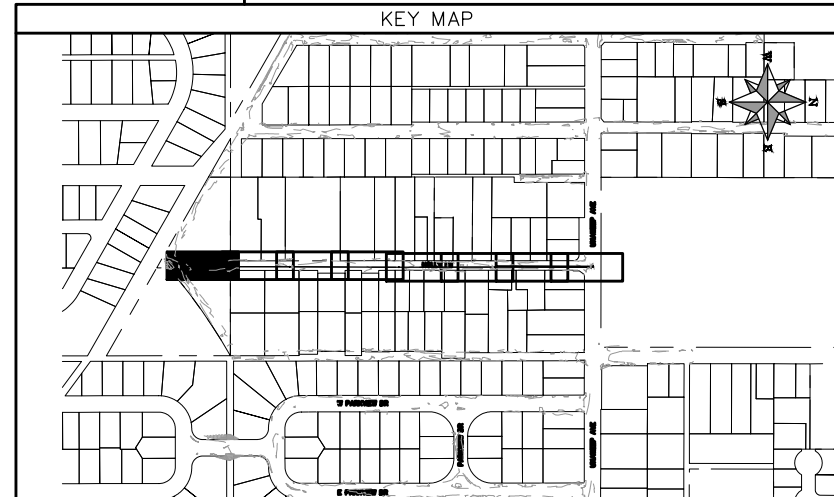
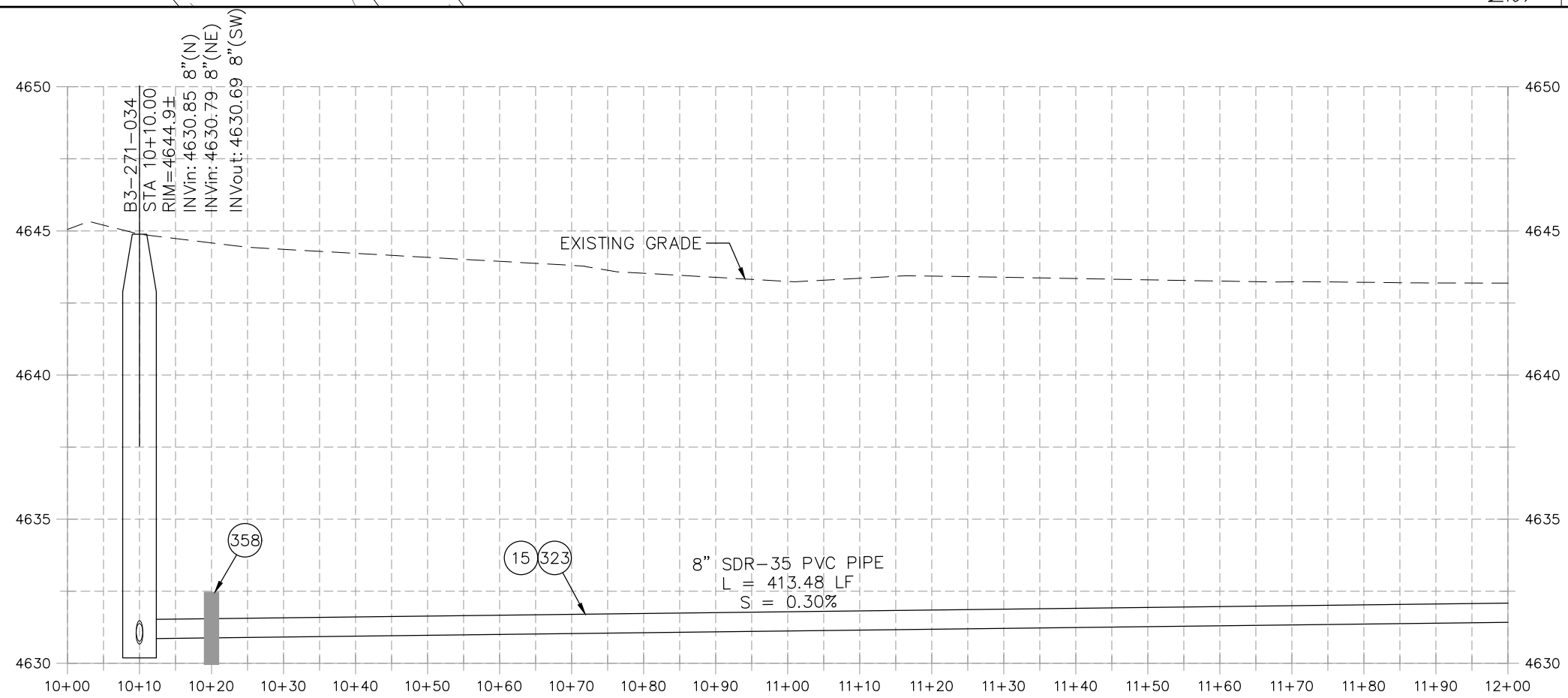
2945-252-17-031
 GRAND JUNCTION 81503
 HUGHES LARRY G

CONSTRUCTION NOTES

- 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
- 33 202 - REMOVE EXISTING SURFACE MATERIAL.
- 102 210 - RESET FENCE. (HEIGHT AND MATERIAL AS SHOW ON PLAN)
- 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
- 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
- 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
- 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
- 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
- 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
- 809 PROTECT MANHOLE



STA: 10+10.00
 OFFSET: 0.00
 B3-271-034
 N 27384.82
 E 96361.77



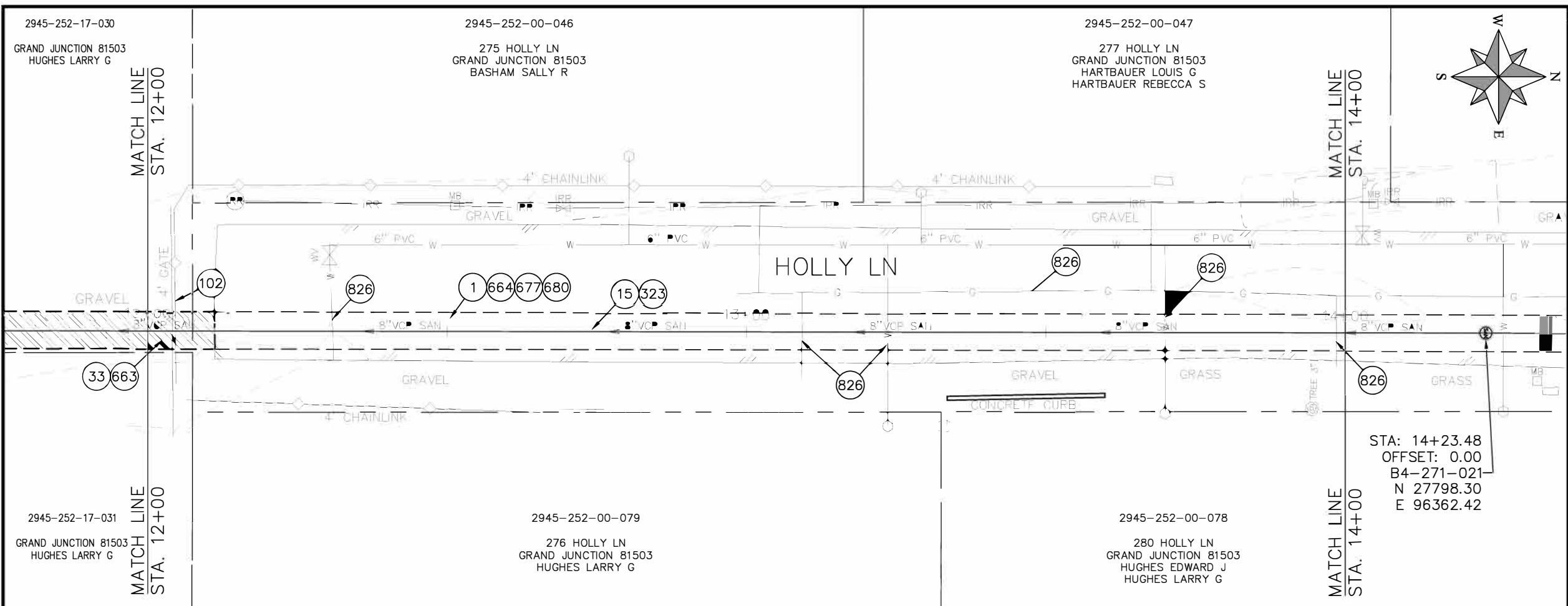
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202X				4/2021
202X				2021
202X				2021

SCALES: PLAN & PROFILE	
HORIZONTAL: 1" = 20'	0 5 10 20
VERTICAL: 1" = 5'	0 1.25 2.5 5

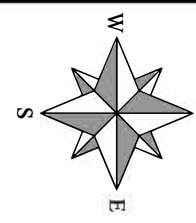


PUBLIC WORKS
 ENGINEERING DIVISION

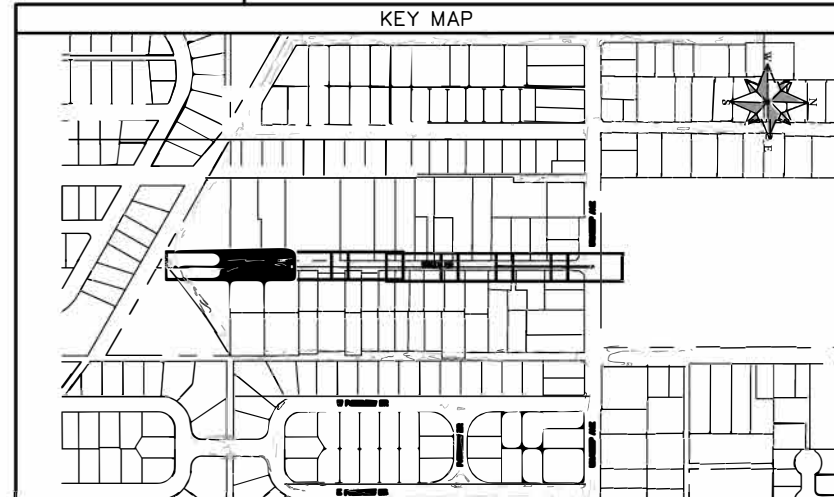
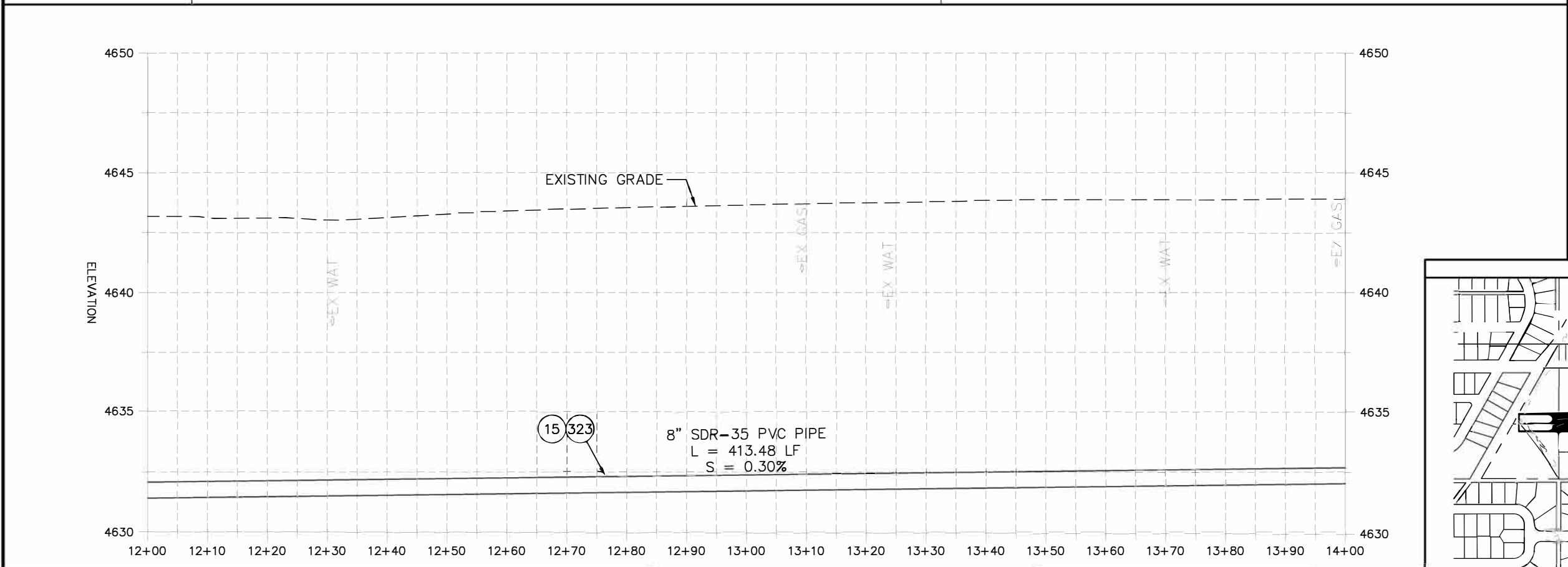
2022 SEWER REPLACEMENT - PARSES 2-4
 HOLLY LANE PLAN AND PROFILE
 STA 10+00 TO STA 12+00



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 102 210 - RESET FENCE. (HEIGHT AND MATERIAL AS SHOW ON PLAN)
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



STA: 14+23.48
 OFFSET: 0.00
 B4-271-021
 N 27798.30
 E 96362.42



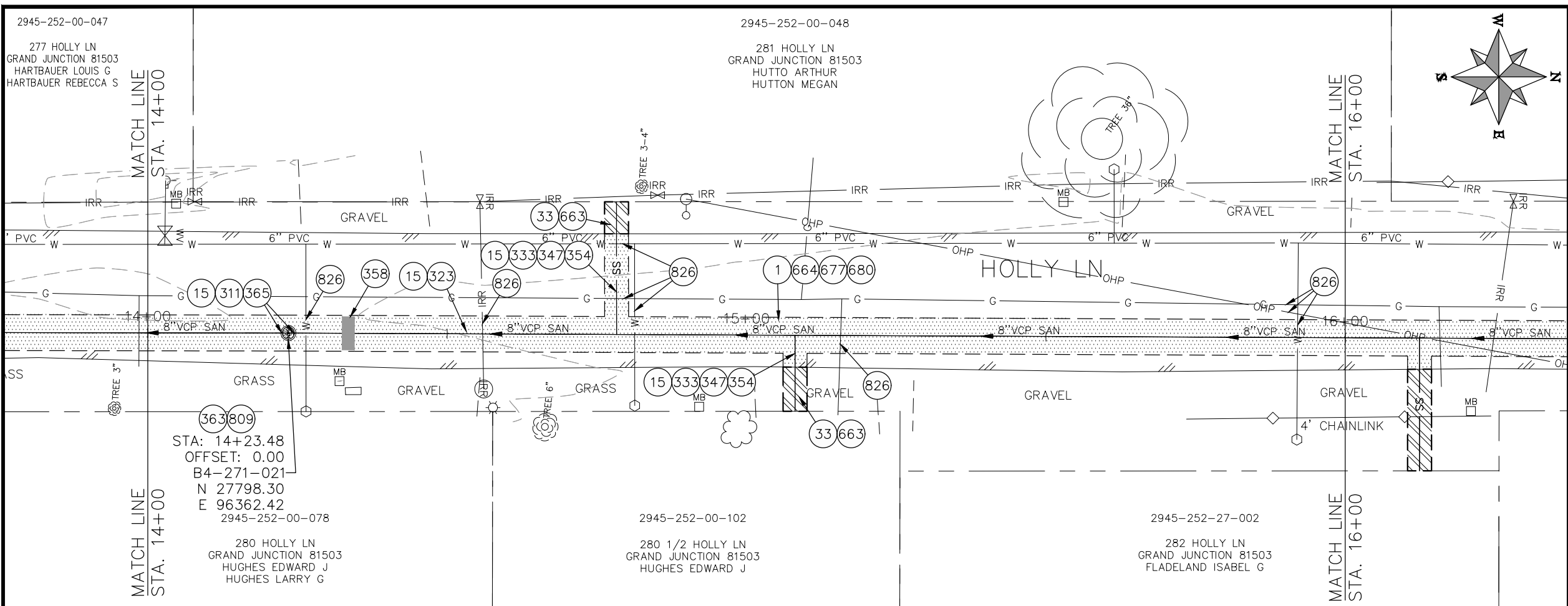
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REVISION Δ XXX		202X	---	04/2021
REVISION Δ XXX		202X	---	4/2021
REVISION Δ XXX		202X	---	2021
REVISION Δ XXX		202X	---	2021

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 5'

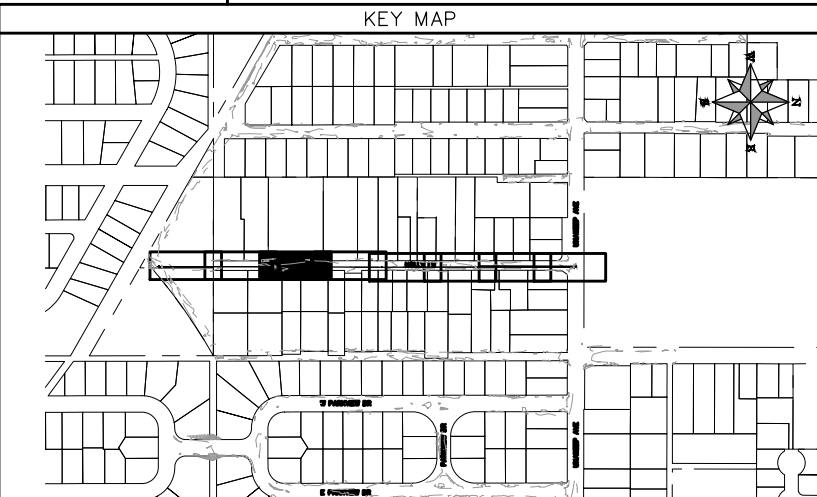
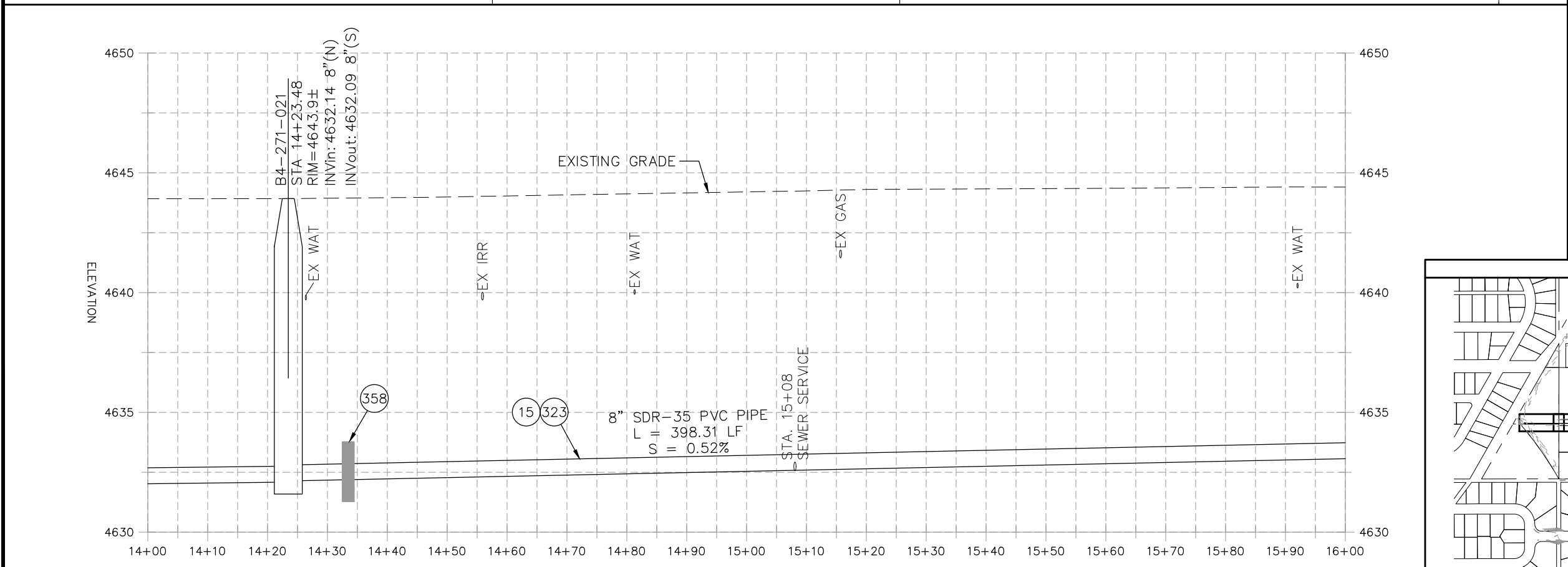


**PUBLIC WORKS
 ENGINEERING DIVISION**

**2022 SEWER REPLACEMENT - PARSES 2-4
 HOLLY LANE PLAN AND PROFILE
 STA 12+00 TO STA 14+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



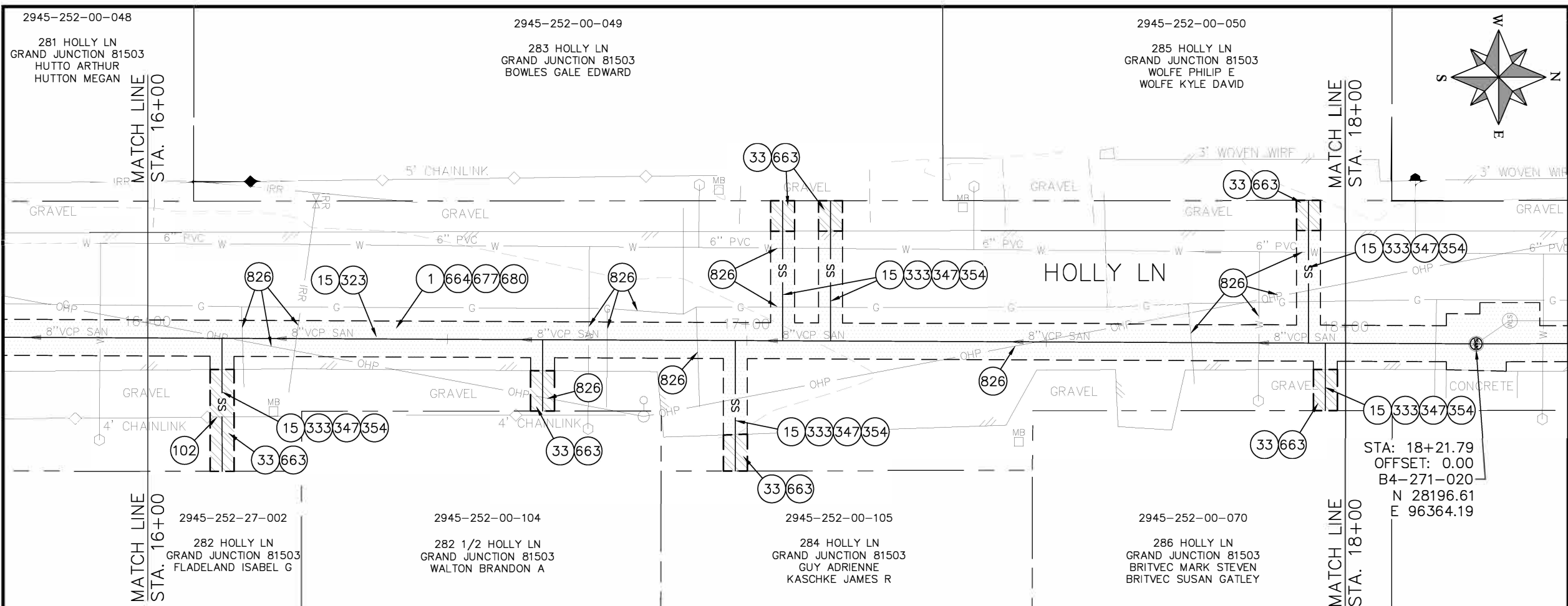
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REVISION Δ XXX		202X	---	4/2021
REVISION Δ XXX		202X	---	2021
REVISION Δ XXX		202X	---	2021

SCALE	DATE
SCALE: PLAN & PROFILE	DATE: 2021
HORIZONTAL: 1" = 20'	
VERTICAL: 1" = 5'	

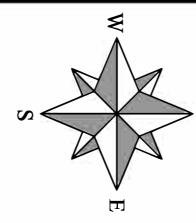


**PUBLIC WORKS
ENGINEERING DIVISION**

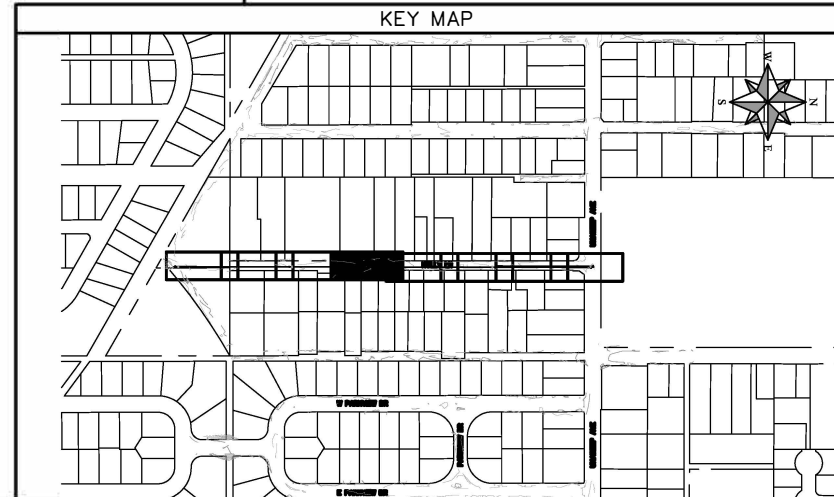
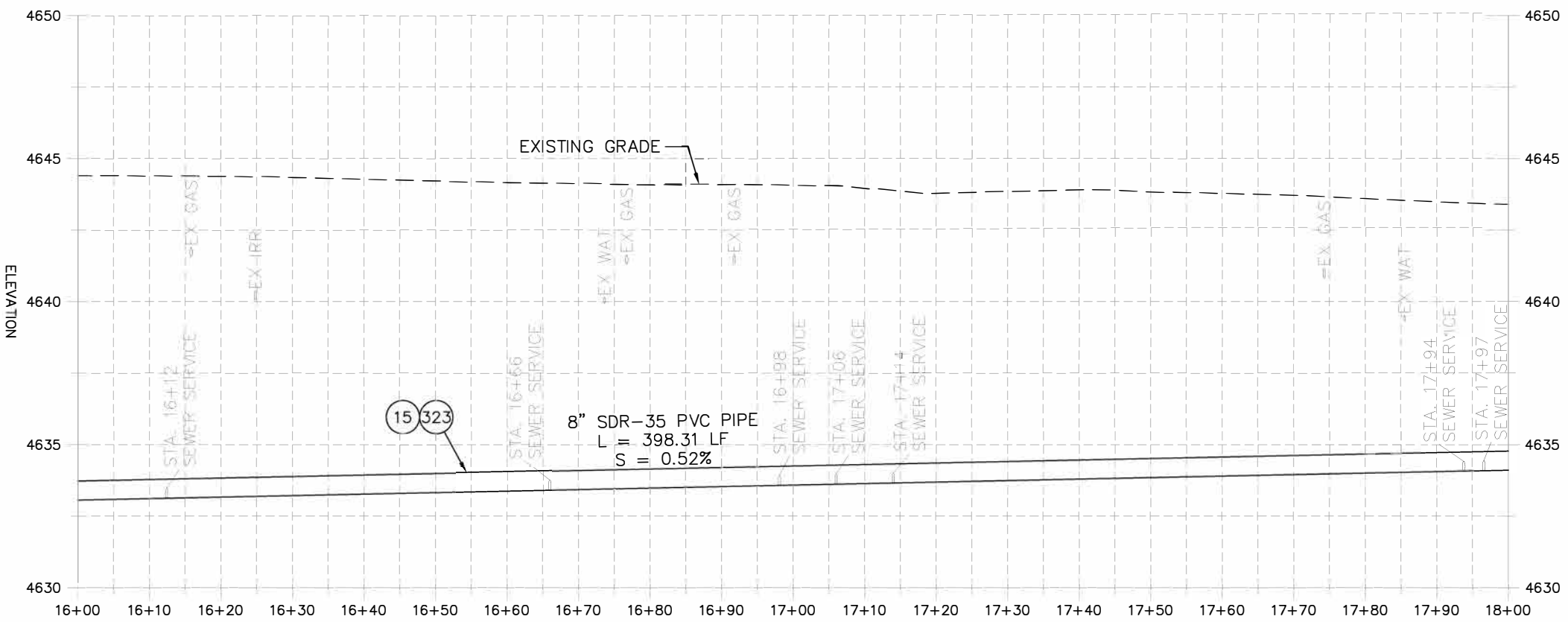
**2022 SEWER REPLACEMENT - PARSES 2-4
HOLLY LANE PLAN AND PROFILE
STA 14+00 TO STA 16+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 102 210 - RESET FENCE. (HEIGHT AND MATERIAL AS SHOW ON PLAN)
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



STA: 18+21.79
 OFFSET: 0.00
 B4-271-020
 N 28196.61
 E 96364.19



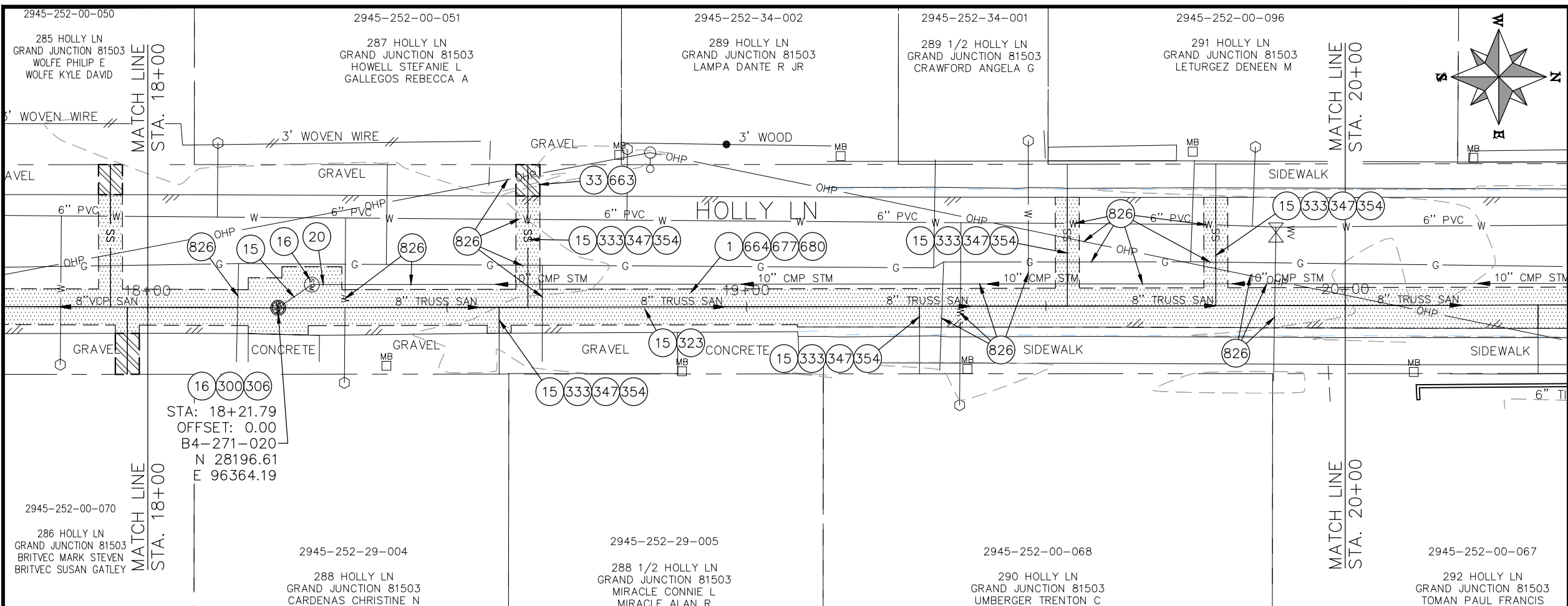
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REVISION Δ XXX		202X	DRAWN BY DJM	DATE 04/2021
REVISION Δ XXX		202X	DESIGNED BY DJM	DATE 4/2021
REVISION Δ XXX		202X	CHECKED BY EM	DATE 2021
REVISION Δ XXX		202X	APPROVED BY KH	DATE 2021

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 0 5 10 20
 VERTICAL: 1" = 5'
 0 1.25 2.5 5

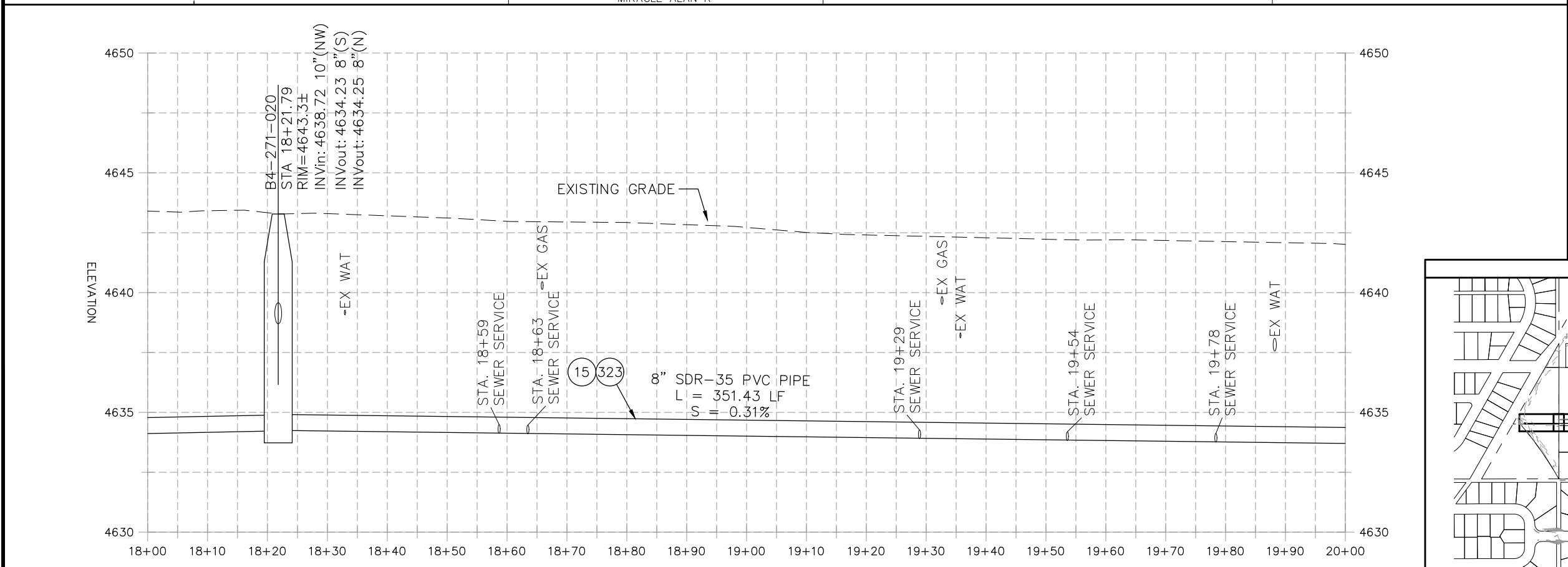


**PUBLIC WORKS
 ENGINEERING DIVISION**

**2022 SEWER REPLACEMENT - PARSES 2-4
 HOLLY LANE PLAN AND PROFILE
 STA 16+00 TO STA 18+00**



- ### CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 16 202 - REMOVAL OF MANHOLE. CONTRACTOR SHALL SALVAGE RING AND COVER AND DELIVER TO CITY SHOPS.
 - 20 202 - ABANDON PIPE. ABANDON BY PLUGGING REMAINING ENDS WITH CONCRETE.
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 300 102.11/108.5 - SANITARY SEWER BASIC MANHOLE (48" I.D.). INCLUDES CONNECTION OF ADJACENT SEWER LINE, FORMING INVERTS AND ADJUSTING TO FINAL GRADE. (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-02).
 - 306 102.11/108.5 - MANHOLE BARREL SECTION (D>5) (48" I.D.).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



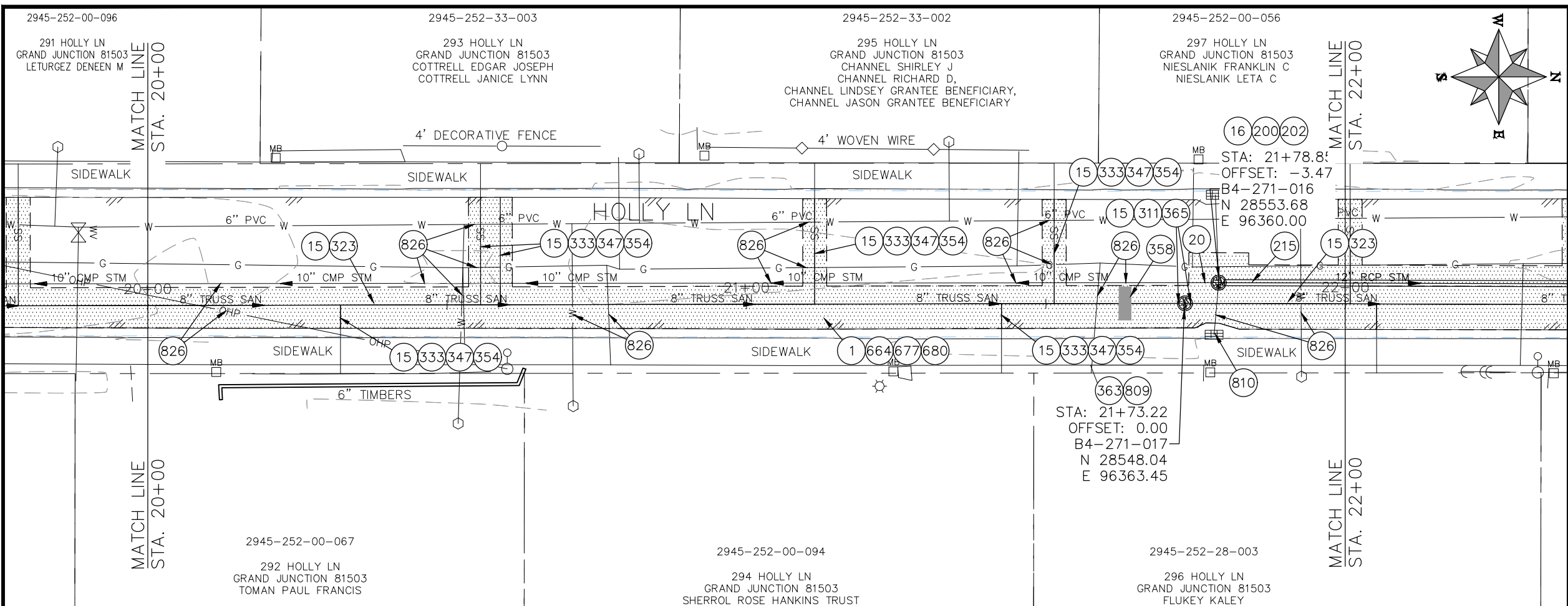
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REVISION Δ XXX	202X	---	---	04/2021
REVISION Δ XXX	202X	---	---	4/2021
REVISION Δ XXX	202X	---	---	2021
REVISION Δ XXX	202X	---	---	2021

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 5'

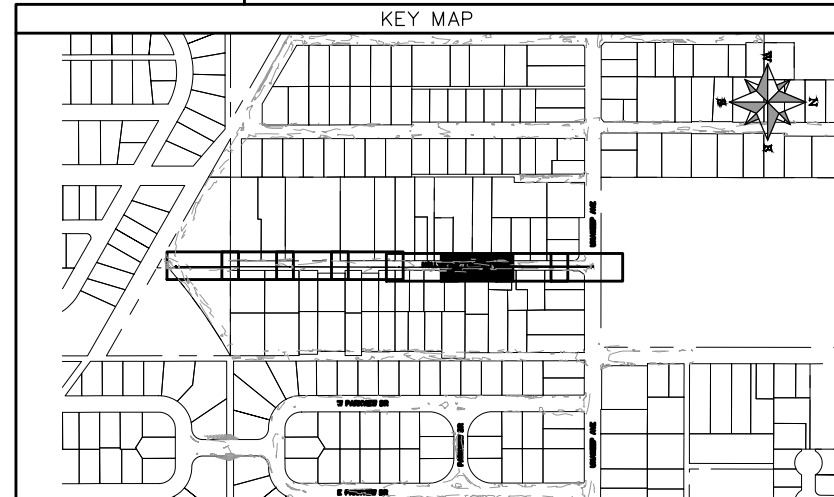
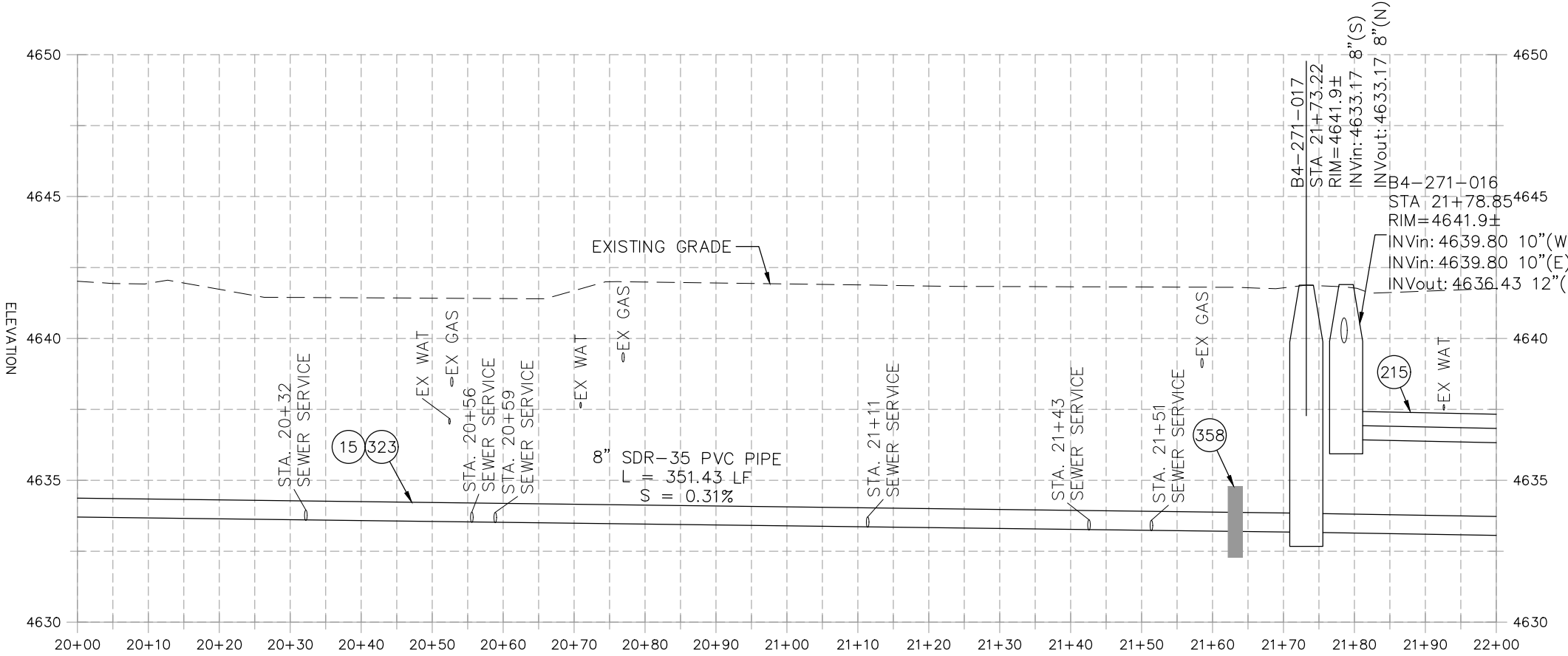
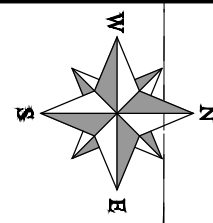


PUBLIC WORKS
 ENGINEERING DIVISION

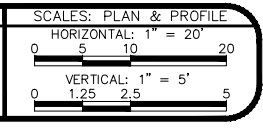
2022 SEWER REPLACEMENT - PARSES 2-4
 HOLLY LANE PLAN AND PROFILE
 STA 18+00 TO STA 20+00



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 16 202 - REMOVAL OF MANHOLE. CONTRACTOR SHALL SALVAGE RING AND COVER AND DELIVER TO CITY SHOPS.
 - 20 202 - ABANDON PIPE. ABANDON BY PLUGGING REMAINING ENDS WITH CONCRETE.
 - 200 102.11/108.5 - STORM SEWER BASIC MANHOLE (48" I.D.) INCLUDES CONNECTION OF ADJACENT STORM SEWER LINES, FORMING INVERTS AND ADJUSTING TO FINAL GRADE. (SEE CITY OF GRAND JUNCTION STANDARD DETAIL D-03).
 - 202 102.11/108.5 - MANHOLE BARREL SECTION (D > 5')(48" I.D.).
 - 210 - RESET MAILBOX TO NEW 4X4 POST.
 - 215 102.10/108.2 - 12" STORM DRAIN PIPE (REINFORCED CONCRETE PIPE). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 810 PROTECT STORM DRAIN INLET
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.

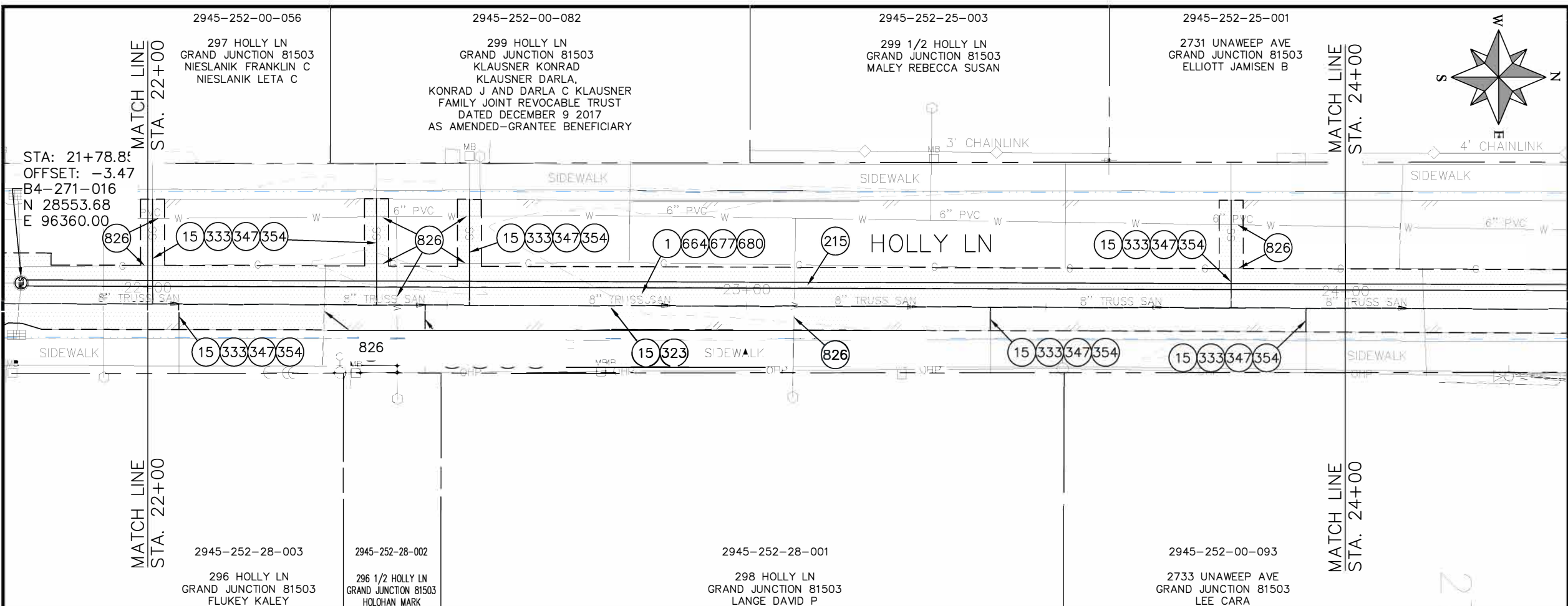


REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
REVISION Δ XXX		202X	---	04/2021
REVISION Δ XXX		202X	---	4/2021
REVISION Δ XXX		202X	---	2021
REVISION Δ XXX		202X	---	2021

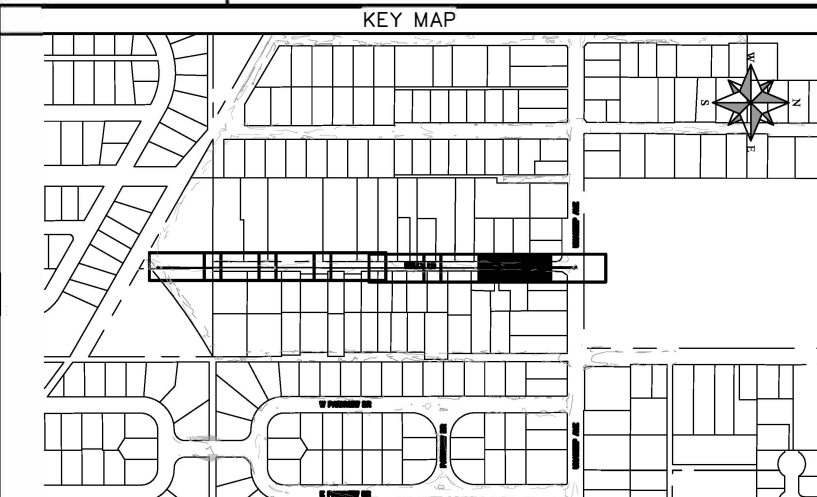
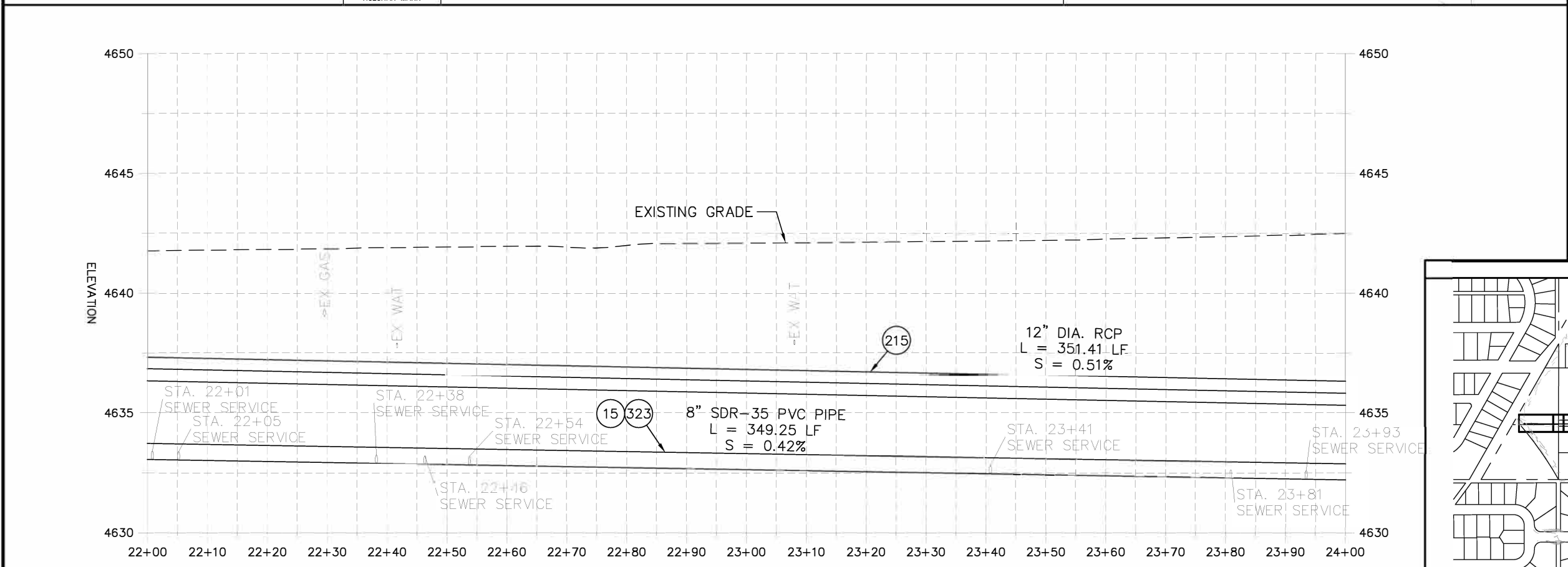


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER REPLACEMENT - PARSES 2-4
HOLLY LANE PLAN AND PROFILE
STA 20+00 TO STA 22+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 215 102.10/108.2 - 12" STORM DRAIN PIPE (REINFORCED CONCRETE PIPE). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
REVISION A XXX		202X	DRAWN BY DJM	DATE 04/2021
REVISION A XXX		202X	DESIGNED BY DJM	DATE 4/2021
REVISION A XXX		202X	CHECKED BY EM	DATE 2021
REVISION A XXX		202X	APPROVED BY KH	DATE 2021

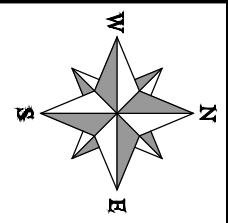
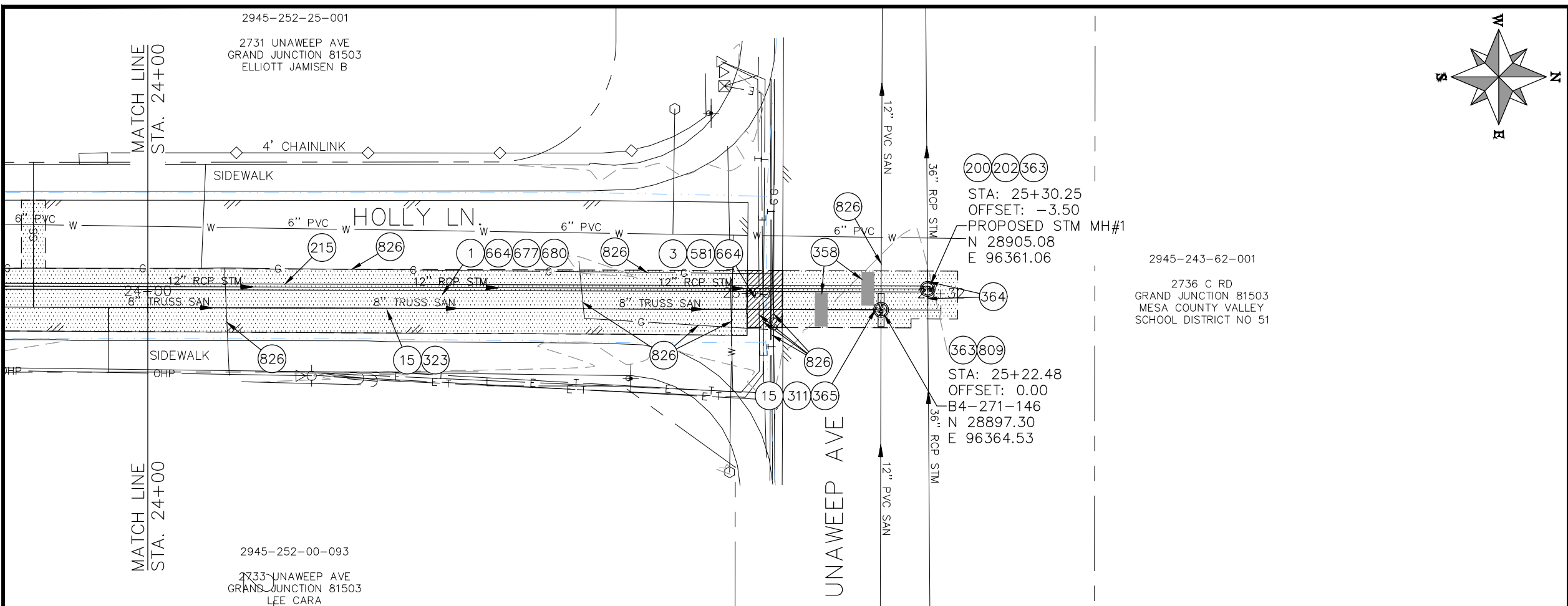
SCALES: PLAN & PROFILE

HORIZONTAL: 1" = 20'	0 5 10 20
VERTICAL: 1" = 5'	0 1.25 2.5 5

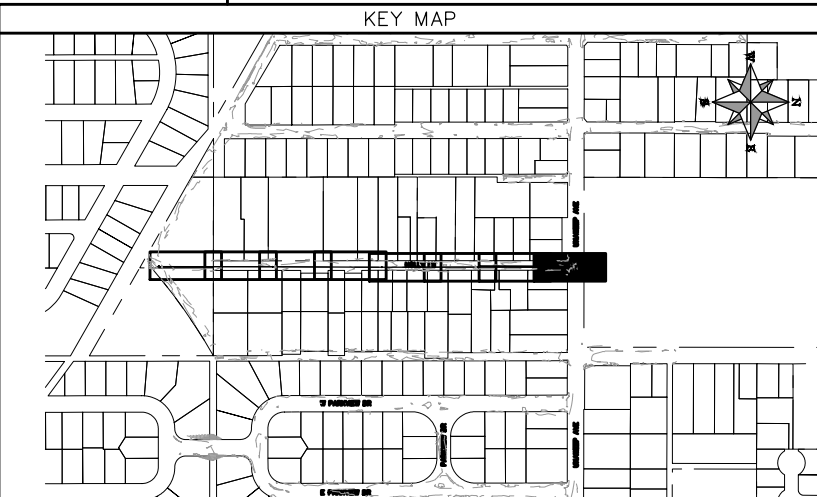
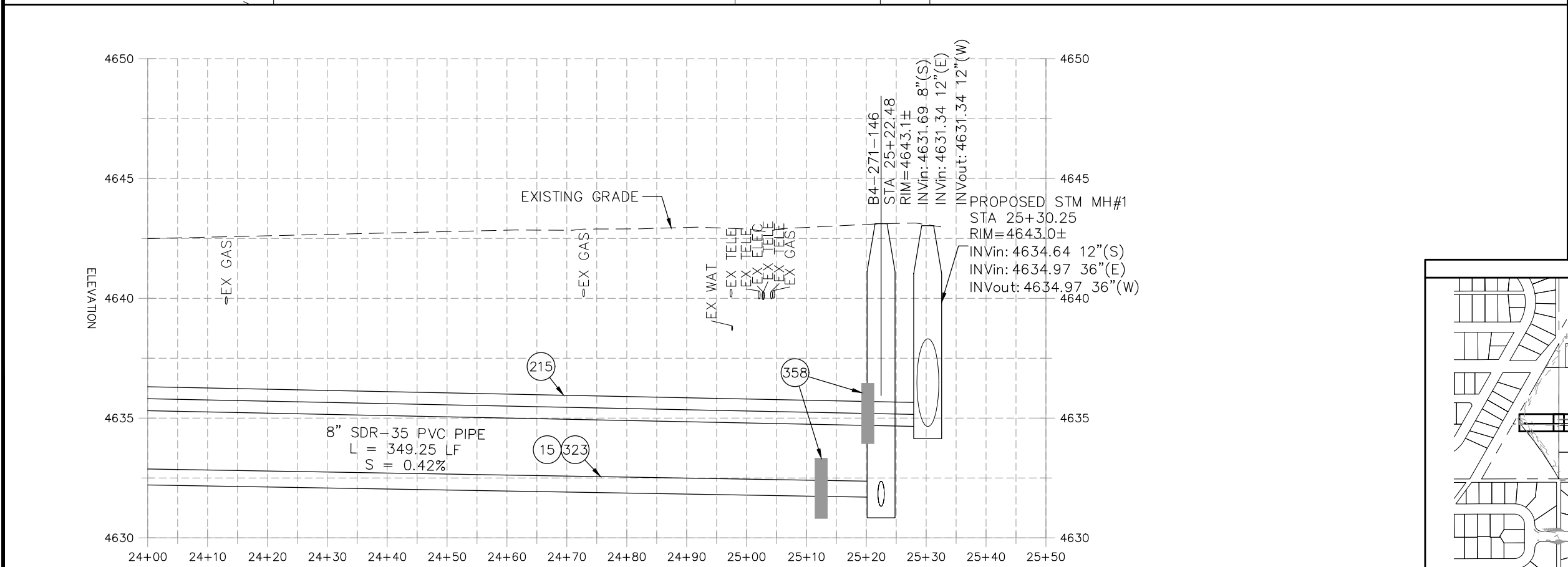


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER REPLACEMENT - PARSELS 2-4
HOLLY LANE PLAN AND PROFILE
STA 22+00 TO STA 24+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 200 102.11/108.5 - STORM SEWER BASIC MANHOLE (48" I.D.) INCLUDES CONNECTION OF ADJACENT STORM SEWER LINES, FORMING INVERTS AND ADJUSTING TO FINAL GRADE. (SEE CITY OF GRAND JUNCTION STANDARD DETAIL D-03).
 - 202 102.11/108.5 - MANHOLE BARREL SECTION (D > 5')(48" I.D.).
 - 215 102.10/108.2 - 12" STORM DRAIN PIPE (REINFORCED CONCRETE PIPE). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 364 CONNECT TO EXISTING SEWER PIPE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING PIPELINE.
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 581 608.06 - CONCRETE DRAINAGE PAN (6' WIDE) (8" THICK MIN.)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



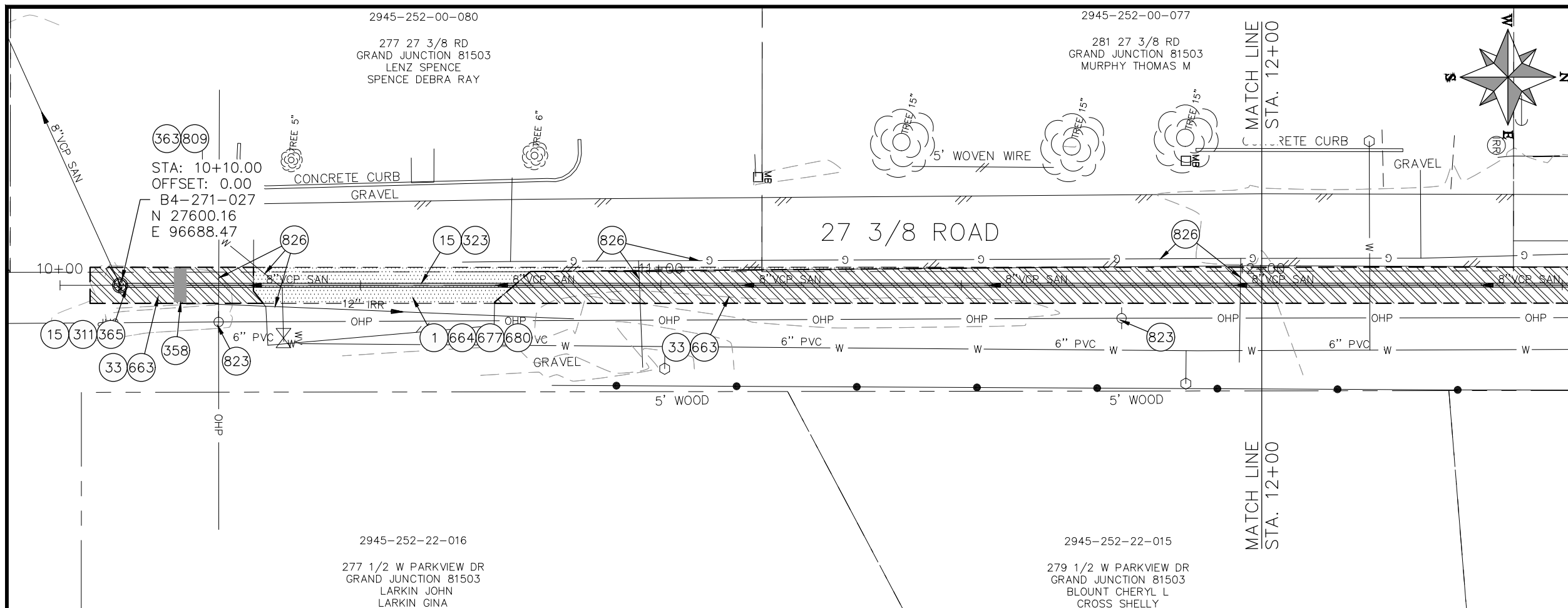
REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
REVISION Δ XXX		202X	----	04/2021
REVISION Δ XXX		202X	----	4/2021
REVISION Δ XXX		202X	----	2021
REVISION Δ XXX		202X	----	2021

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
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 VERTICAL: 1" = 5'
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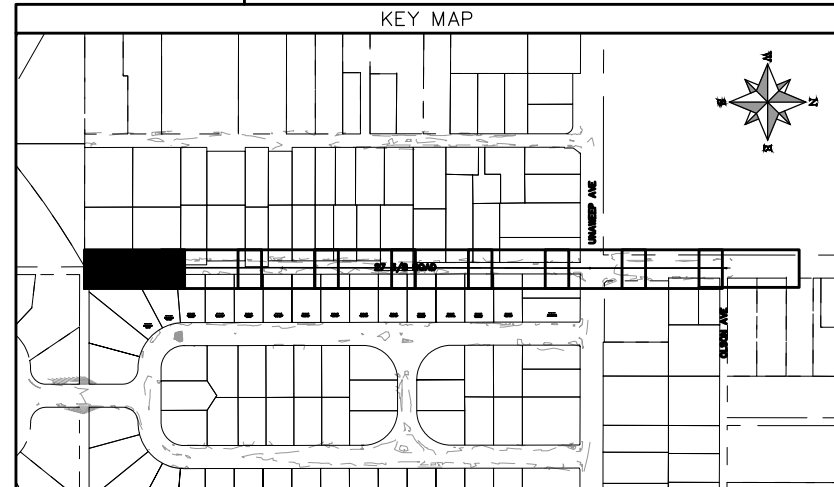
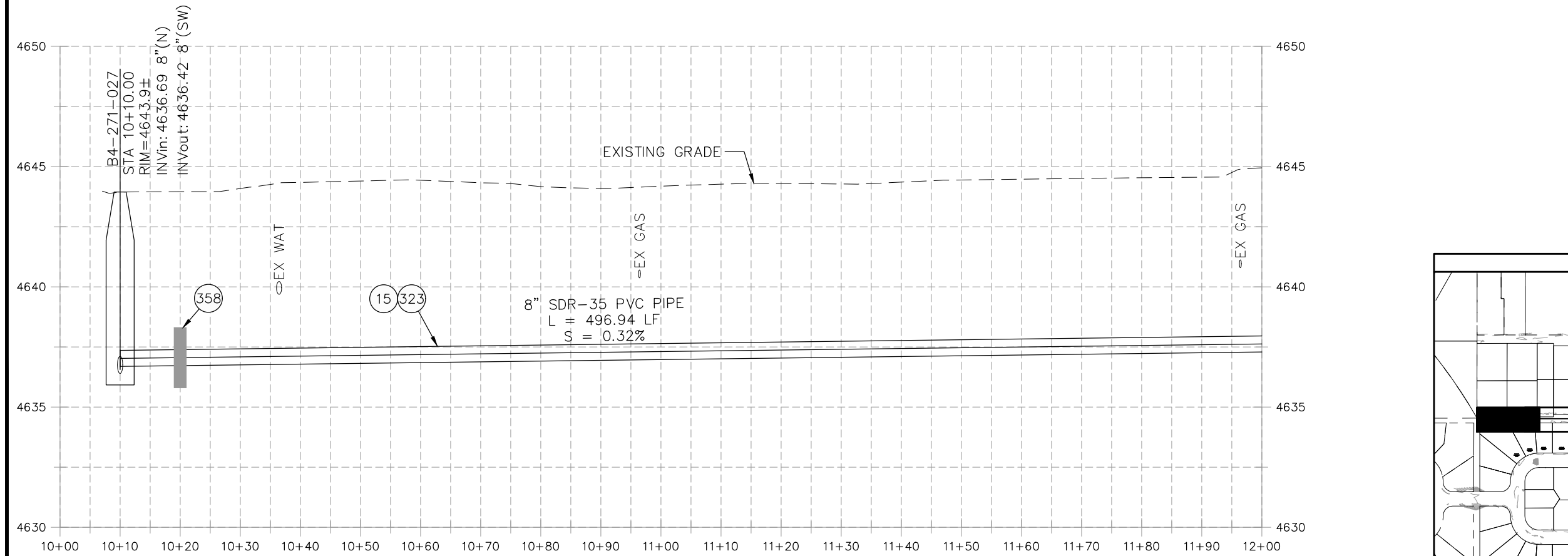


PUBLIC WORKS
ENGINEERING DIVISION

2022 SEWER REPLACEMENT - PARSES 2-4
HOLLY LANE PLAN AND PROFILE
STA 24+00 TO STA 25+32



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 823 PROTECT UTILITY POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



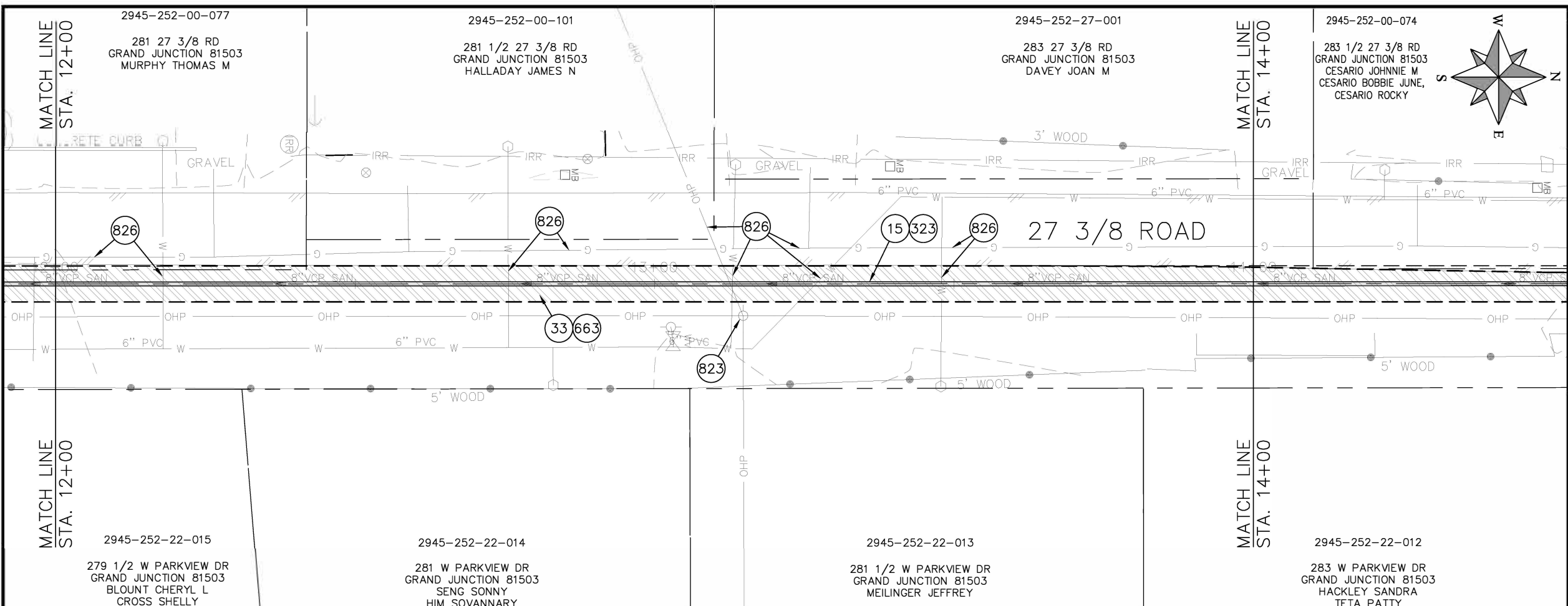
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REVISION Δ XXX		202X	----
REVISION Δ XXX		202X	----
REVISION Δ XXX		202X	----
REVISION Δ XXX		202X	----

DATE	BY	DATE
04/2021	DJM	DATE
4/2021	DJM	DATE
2021	EM	DATE
2021	KH	DATE

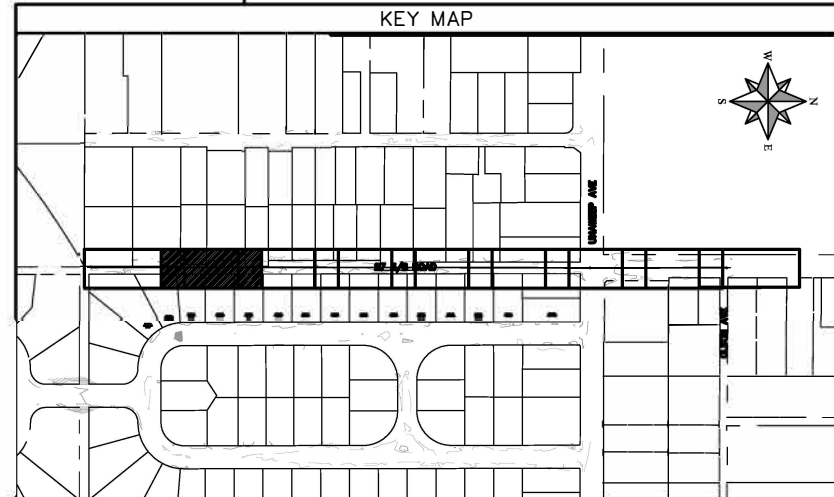
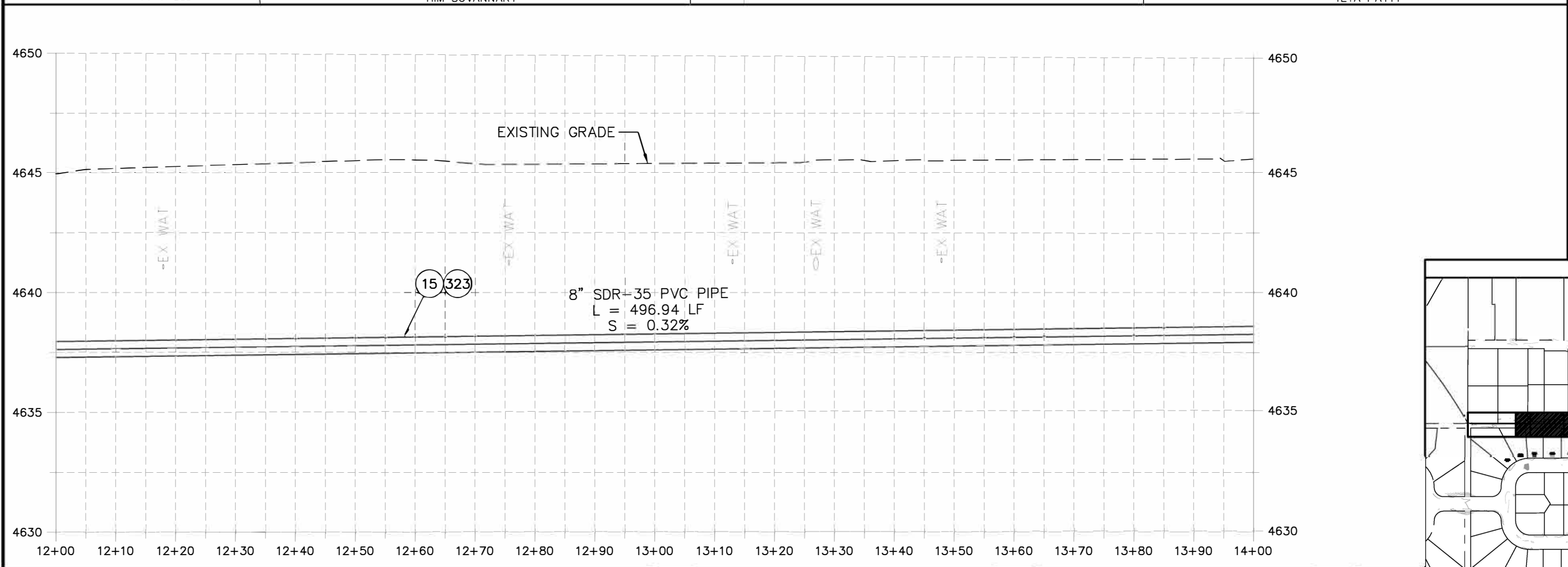
SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 5'

**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
27 3/8 ROAD PLAN AND PROFILE
STA 10+00 TO STA 12+00**



- CONSTRUCTION NOTES**
- 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 823 PROTECT UTILITY POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



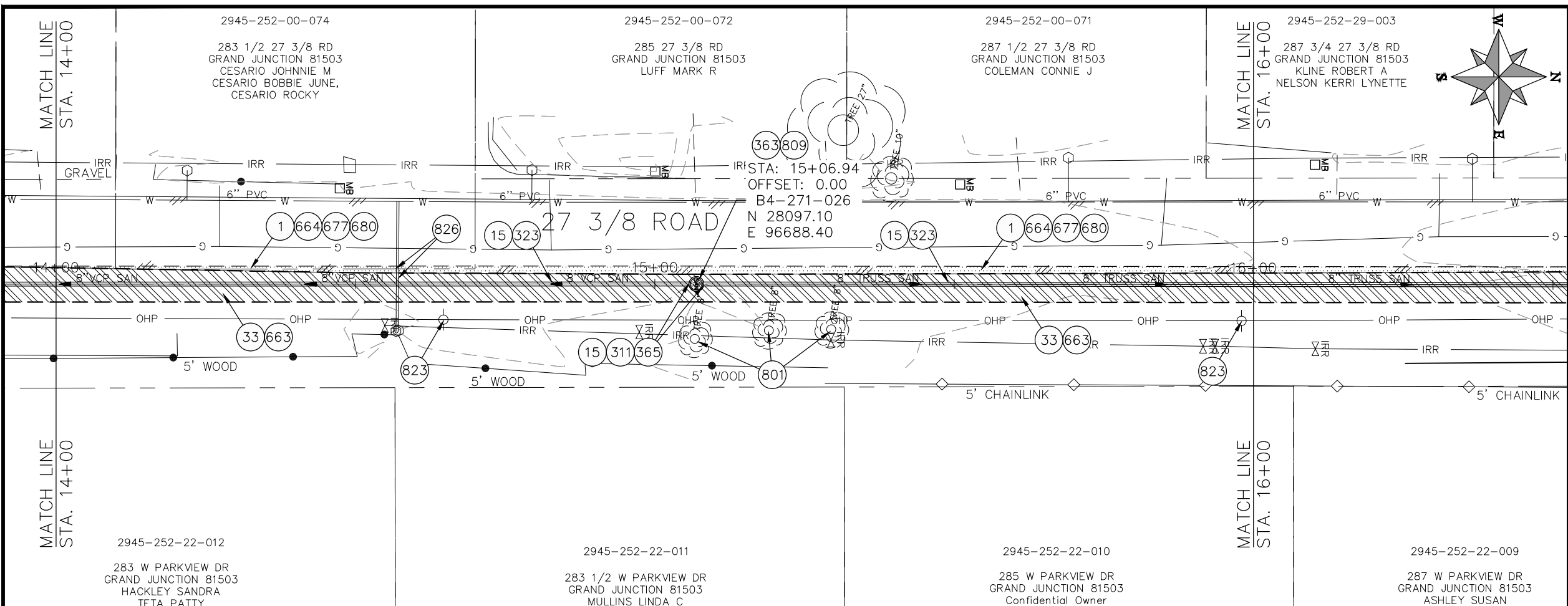
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REVISION Δ XXX		202X		4/2021
REVISION Δ XXX		202X		2021
REVISION Δ XXX		202X		2021

SCALES: PLAN & PROFILE
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'

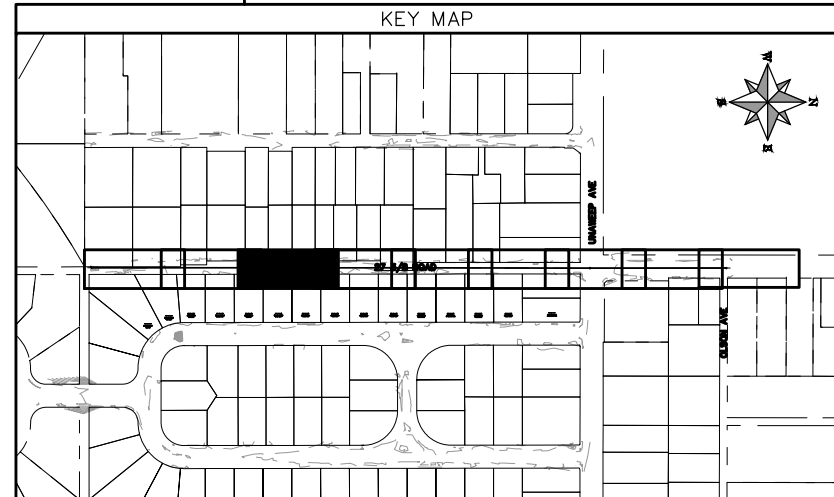
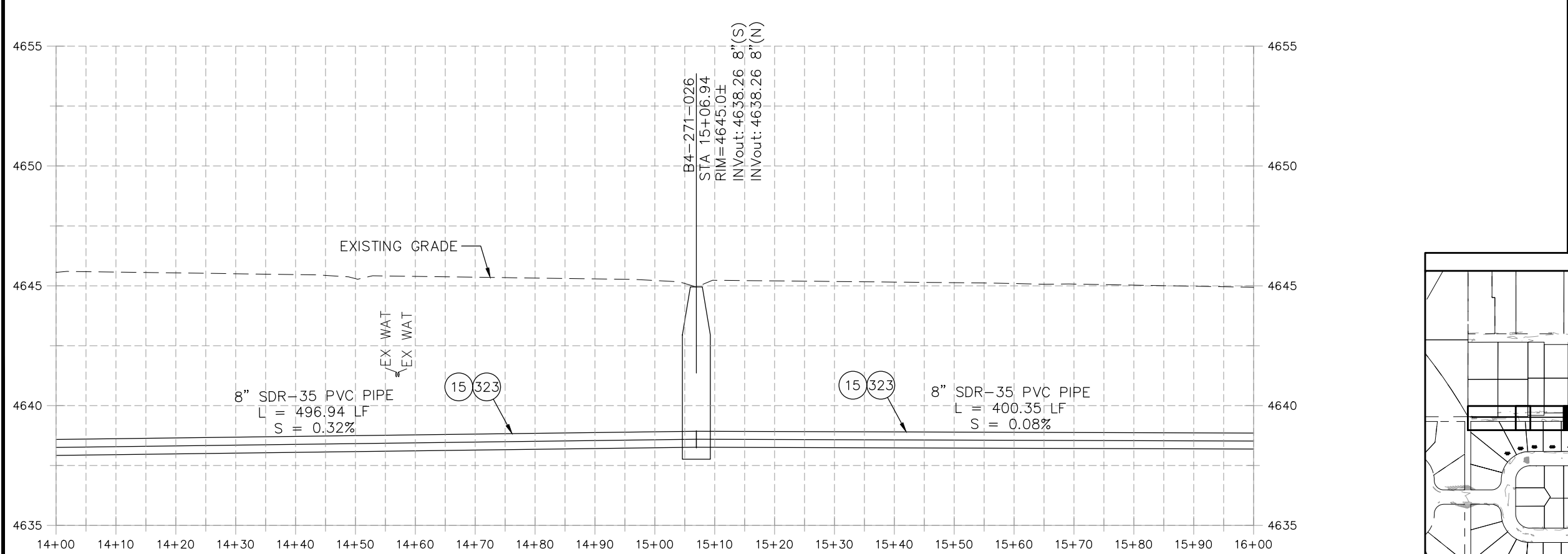


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
27 3/8 ROAD PLAN AND PROFILE
STA 12+00 TO STA 14+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 801 PROTECT TREE
 - 809 PROTECT MANHOLE
 - 823 PROTECT UTILITY POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
REVISION Δ XXX		202X	----	
REVISION Δ XXX		202X	----	
REVISION Δ XXX		202X	----	
REVISION Δ XXX		202X	----	

DATE	BY	DATE
04/2021	DJM	04/2021
4/2021	DJM	4/2021
2021	EM	2021
2021	KH	2021

SCALES: PLAN & PROFILE

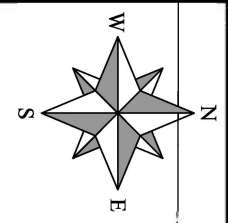
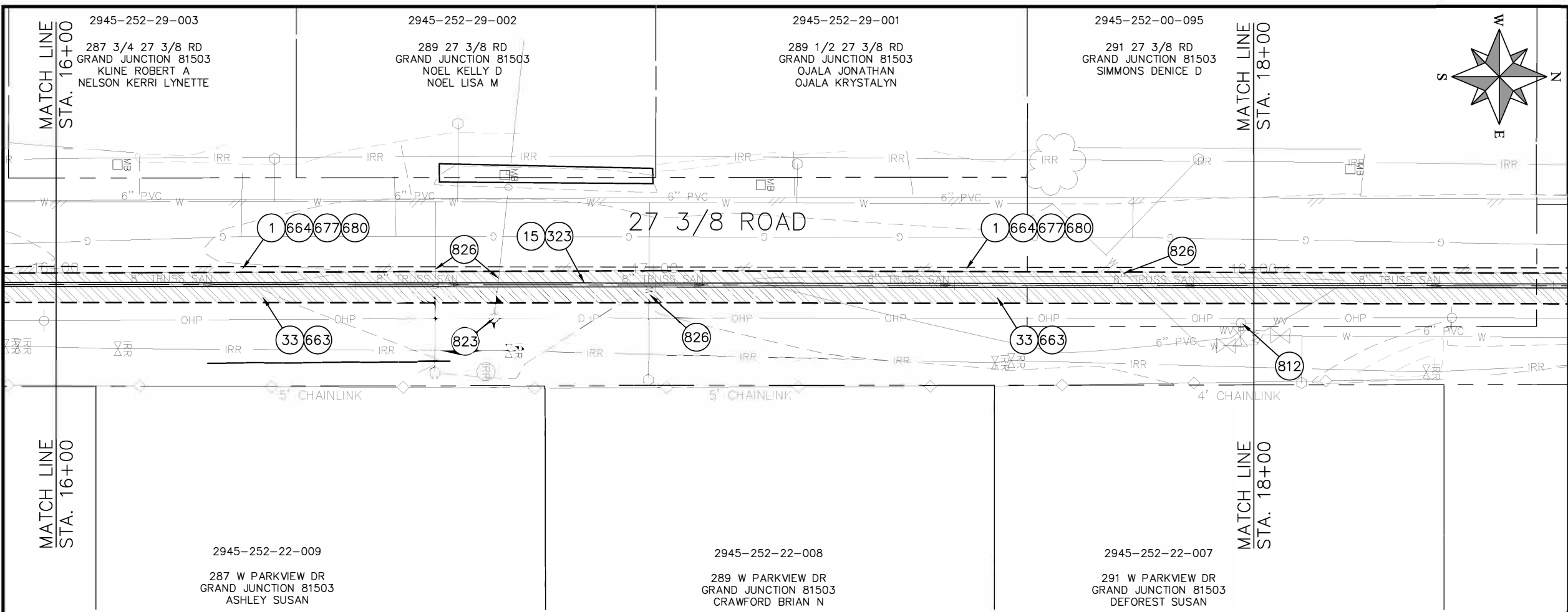
HORIZONTAL: 1" = 20'

VERTICAL: 1" = 5'

CITY OF Grand Junction COLORADO

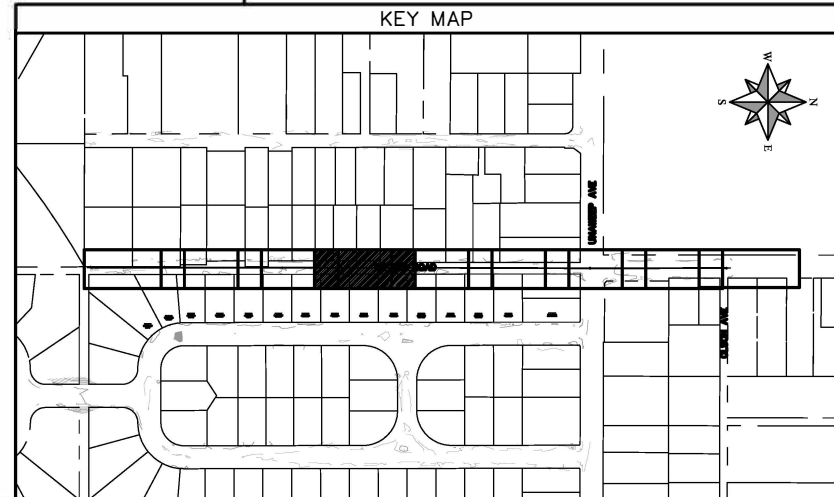
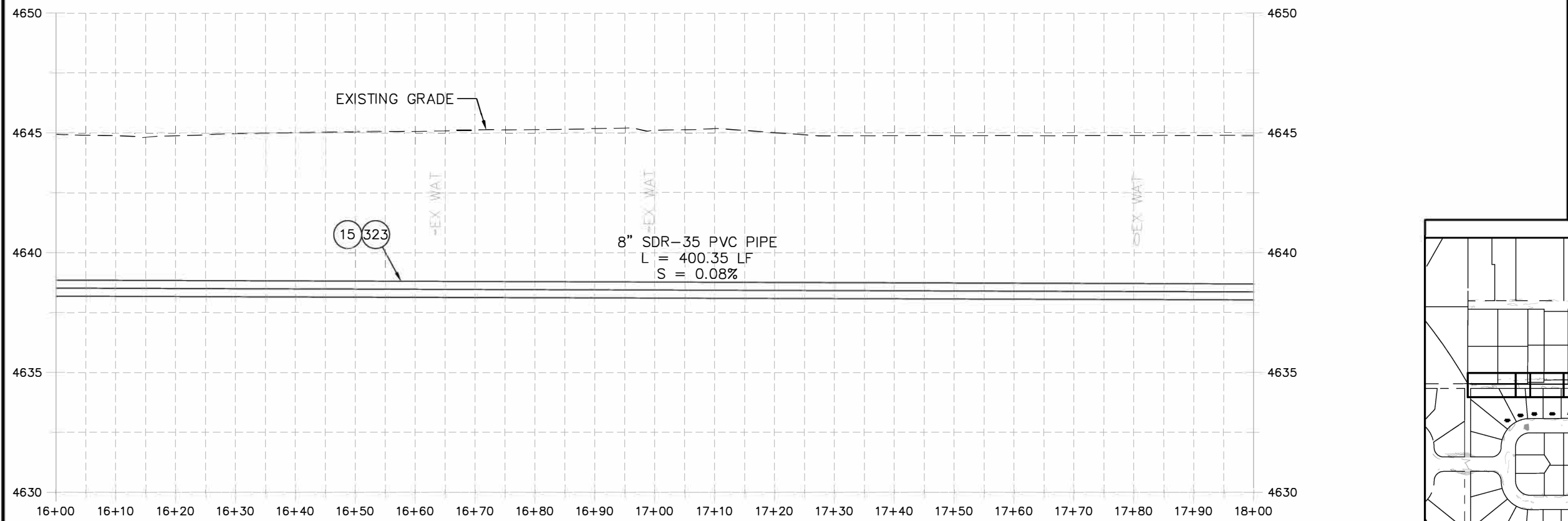
PUBLIC WORKS ENGINEERING DIVISION

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
27 3/8 ROAD PLAN AND PROFILE
STA 14+00 TO STA 16+00**



CONSTRUCTION NOTES

- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
- 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
- 33 202 - REMOVE EXISTING SURFACE MATERIAL.
- 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
- 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
- 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
- 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
- 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
- 812 PROTECT FIRE HYDRANT
- 823 PROTECT UTILITY POLE
- 826 PROTECT EXISTING UTILITY LINE IN PLACE.



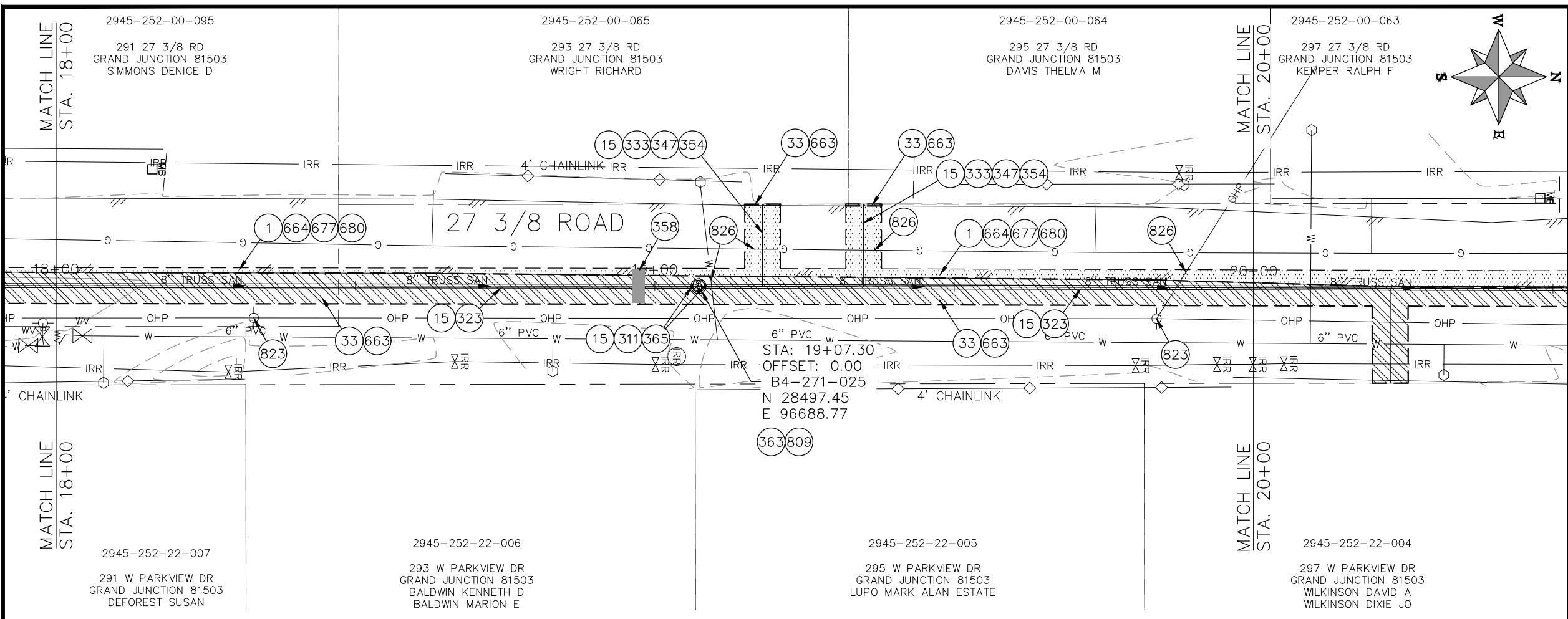
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REVISION Δ XXX		202X	DESIGNED BY DJM	DATE 4/2021
REVISION Δ XXX		202X	CHECKED BY EM	DATE 2021
REVISION Δ XXX		202X	APPROVED BY KH	DATE 2021

SCALES: PLAN & PROFILE	
HORIZONTAL: 1" = 20'	0 5 10 20
VERTICAL: 1" = 5'	0 1.25 2.5 5

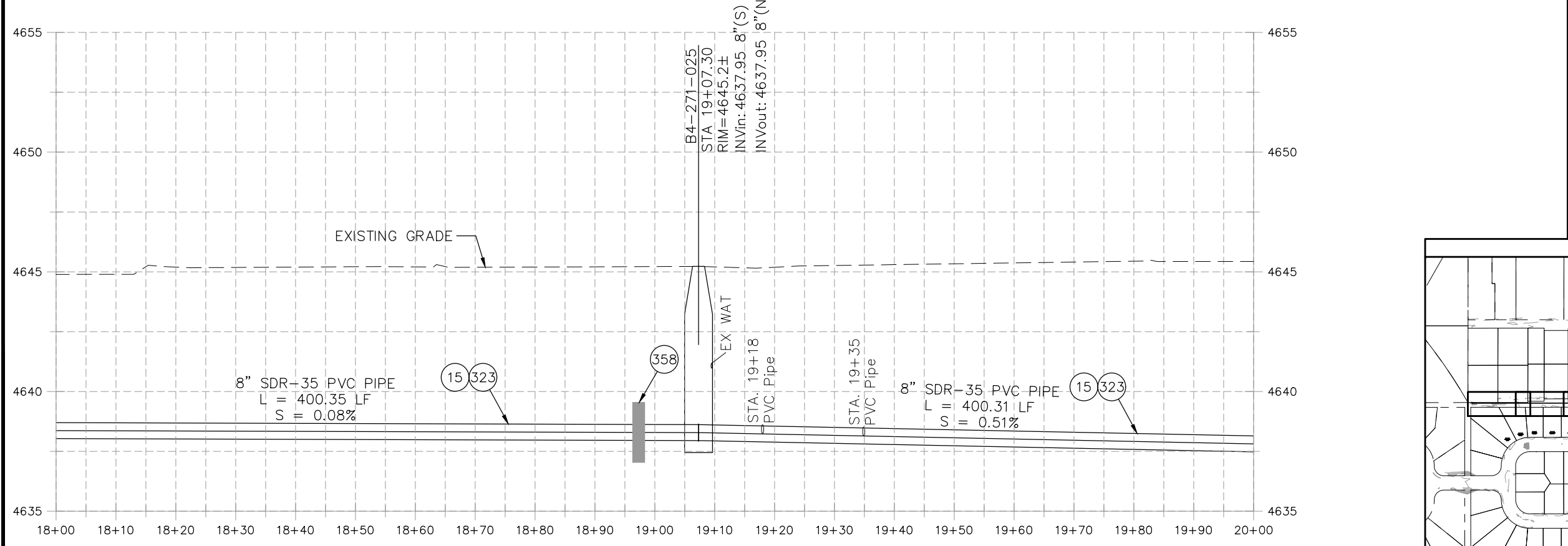


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
27 3/8 ROAD PLAN AND PROFILE
STA 16+00 TO STA 18+00**



- ### CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 349 102.9/108.3 - 12" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 823 PROTECT UTILITY POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
REVISION Δ XXX		202X	----	
REVISION Δ XXX		202X	DJM	04/2021
REVISION Δ XXX		202X	DJM	4/2021
REVISION Δ XXX		202X	EM	2021
REVISION Δ XXX		202X	KH	2021

SCALES: PLAN & PROFILE

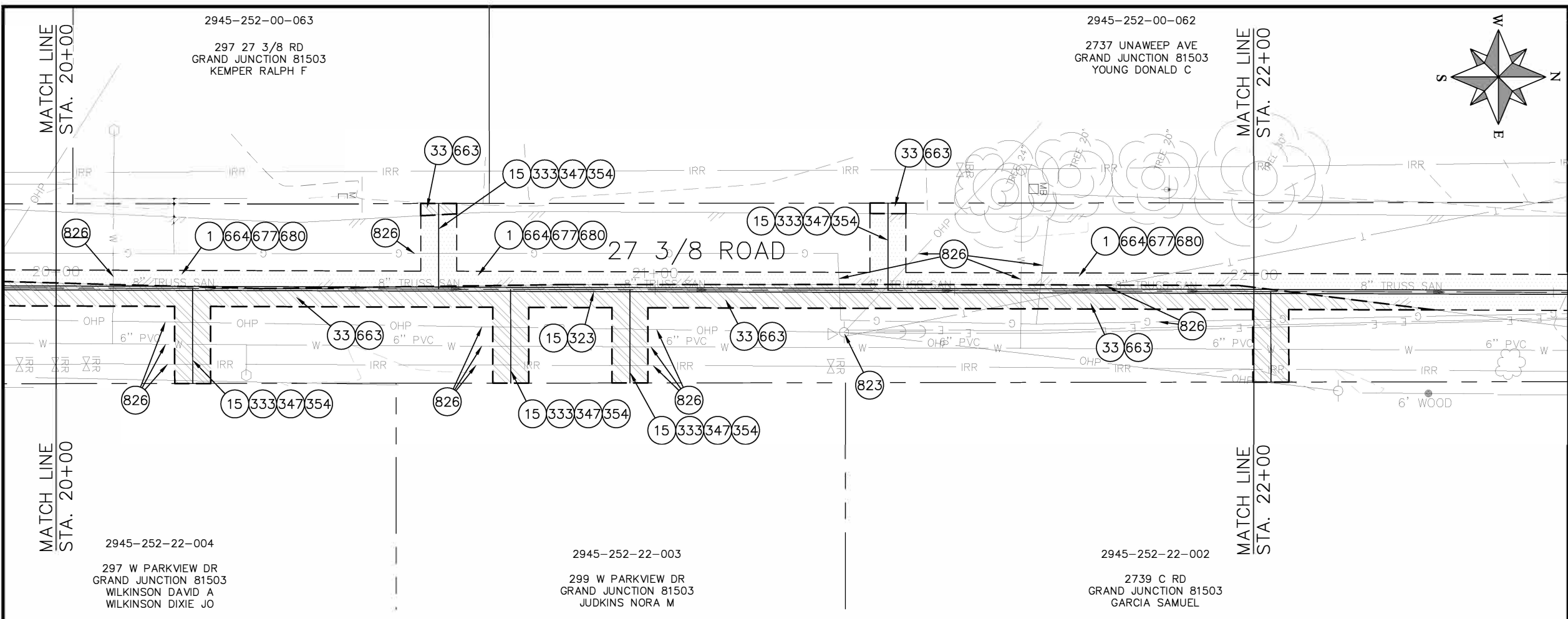
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VERTICAL: 1" = 5'

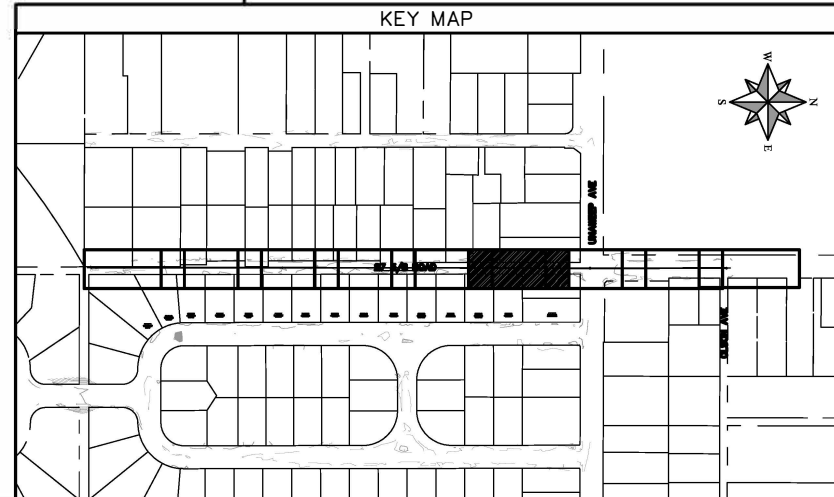
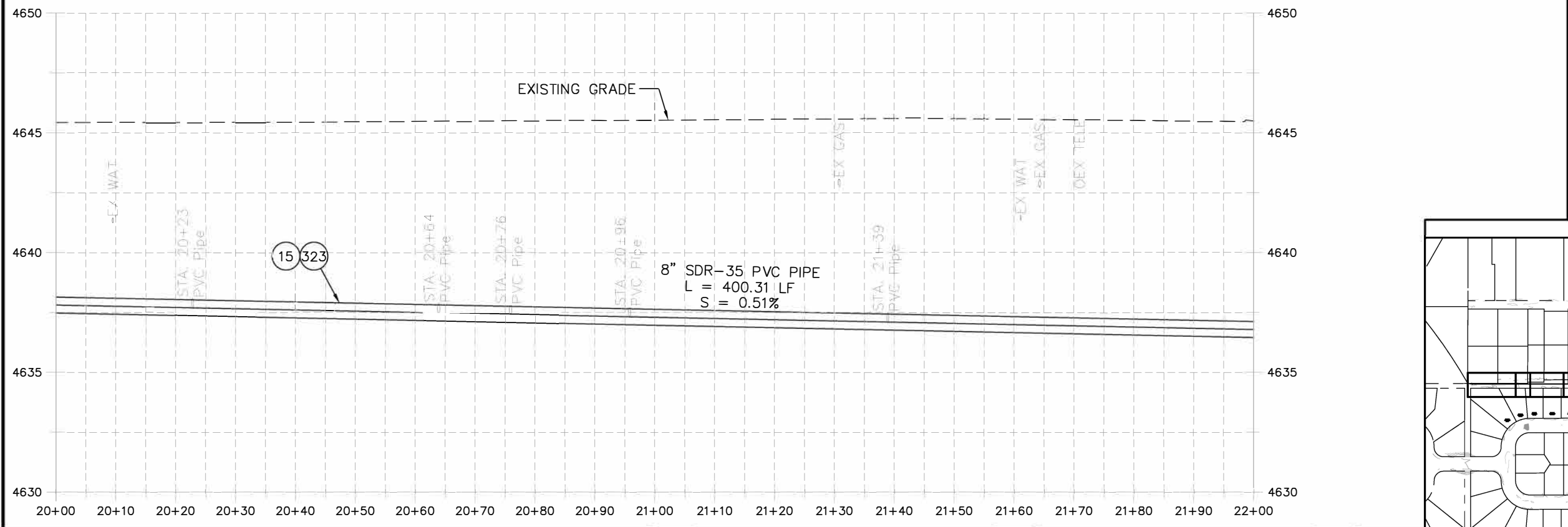
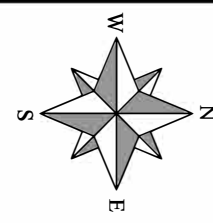


PUBLIC WORKS
ENGINEERING DIVISION

2022 SEWER LINE REPLACEMENT - PARSES 2-4
27 3/8 ROAD PLAN AND PROFILE
STA 18+00 TO STA 20+00



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 823 PROTECT UTILITY POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



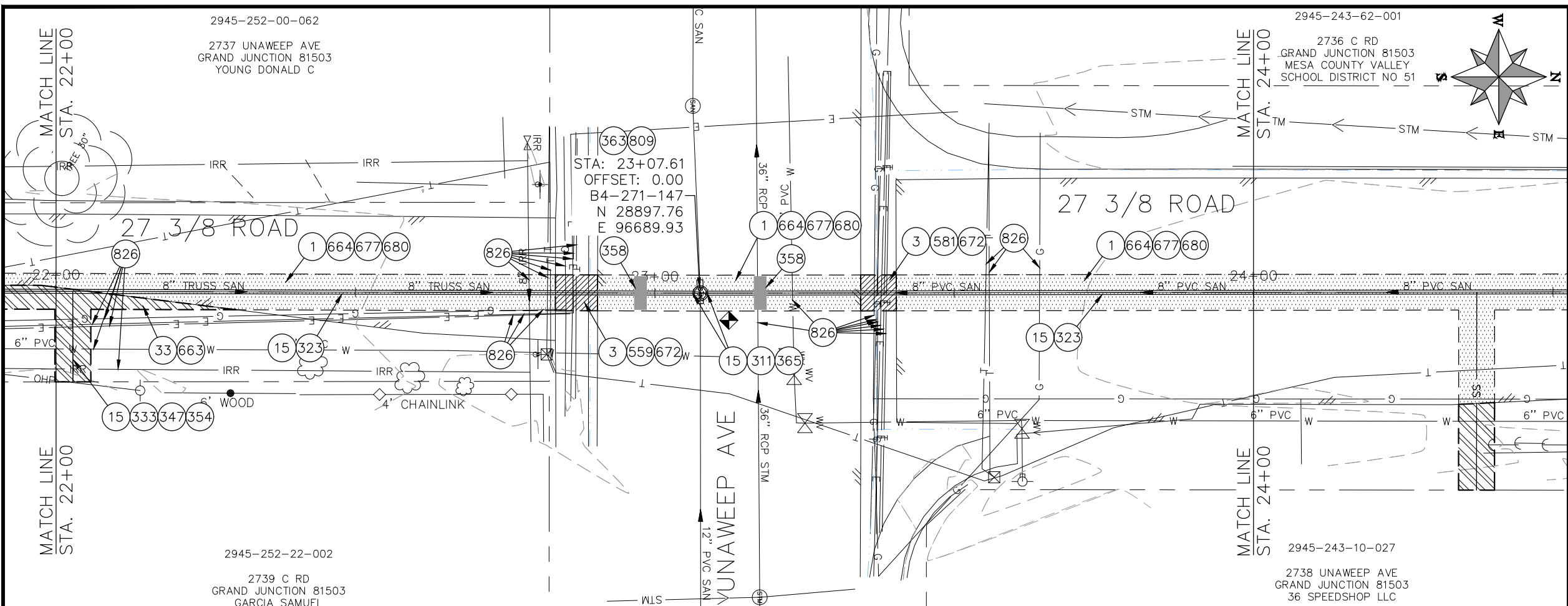
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REVISION Δ XXX		202X	2945-252-22-004	4/2021
REVISION Δ XXX		202X	2945-252-22-003	2021
REVISION Δ XXX		202X	2945-252-22-002	2021

SCALES: PLAN & PROFILE	
HORIZONTAL: 1" = 20'	0 5 10 20
VERTICAL: 1" = 5'	0 1.25 2.5 5

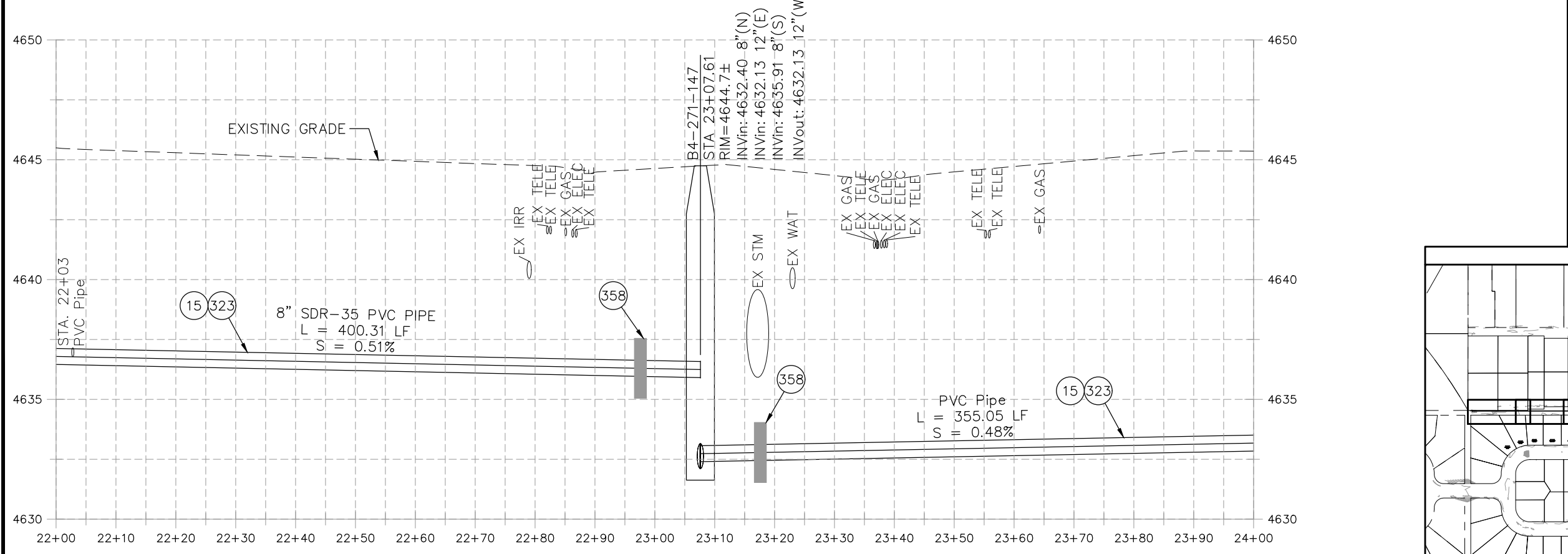


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
27 3/8 ROAD PLAN AND PROFILE
STA 20+00 TO STA 22+00**



- ### CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 559 608.06 - MONOLITHIC VERTICAL CURB, GUTTER AND SIDEWALK (7' WIDE)
 - 581 608.06 - CONCRETE DRAINAGE PAN (6' WIDE) (8" THICK MIN.)
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 672 304 - AGGREGATE BASE COURSE (CLASS 6) (8" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE



REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
REVISION Δ XXX		202X	---	04/2021
REVISION Δ XXX		202X	---	4/2021
REVISION Δ XXX		202X	---	2021
REVISION Δ XXX		202X	---	2021

SCALE	DATE
HORIZONTAL: 1" = 20'	04/2021
VERTICAL: 1" = 5'	4/2021

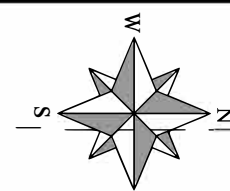


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
27 3/8 ROAD PLAN AND PROFILE
STA 22+00 TO STA 24+00**

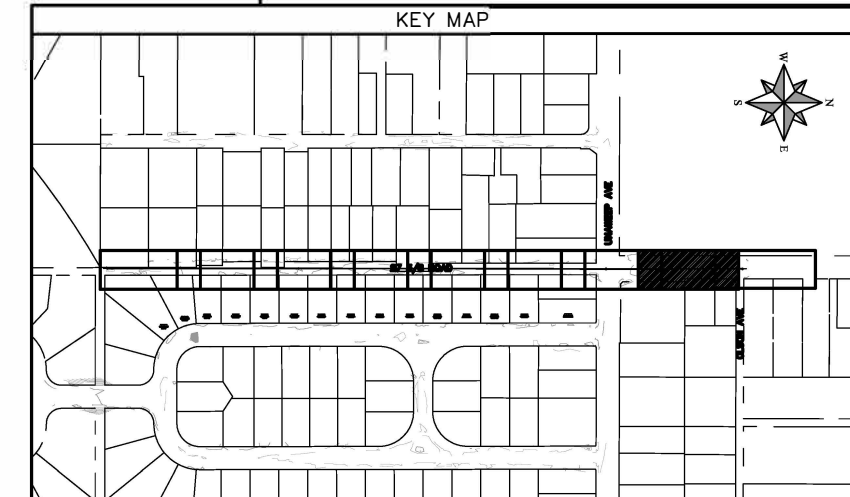
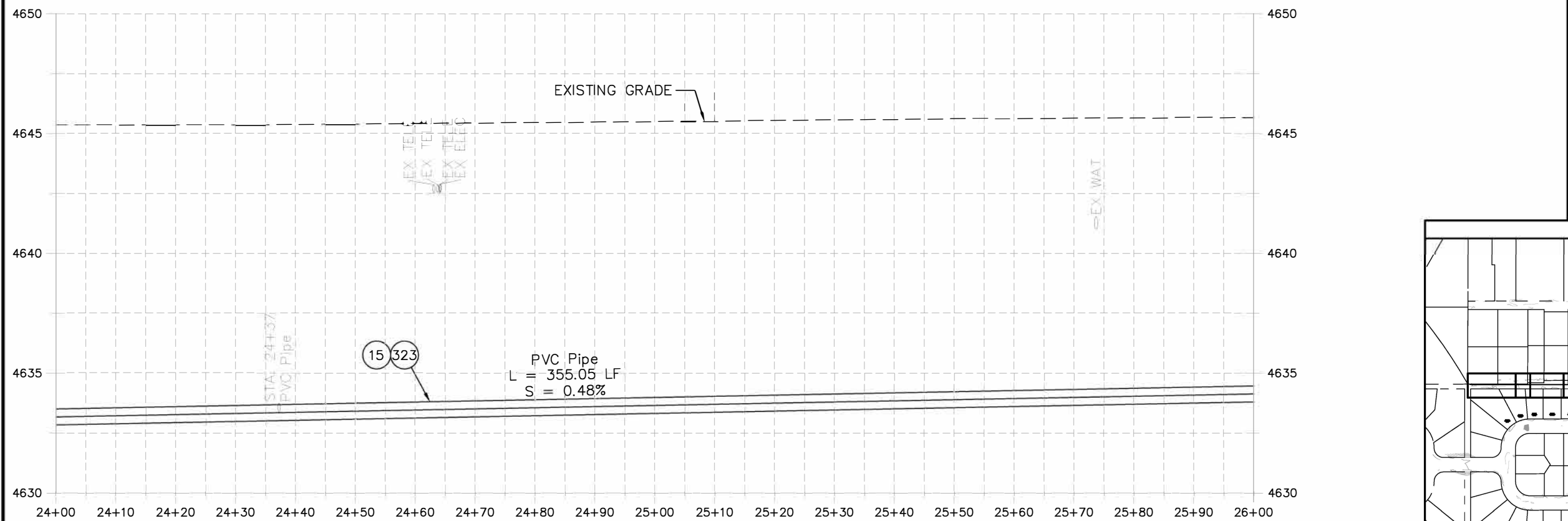
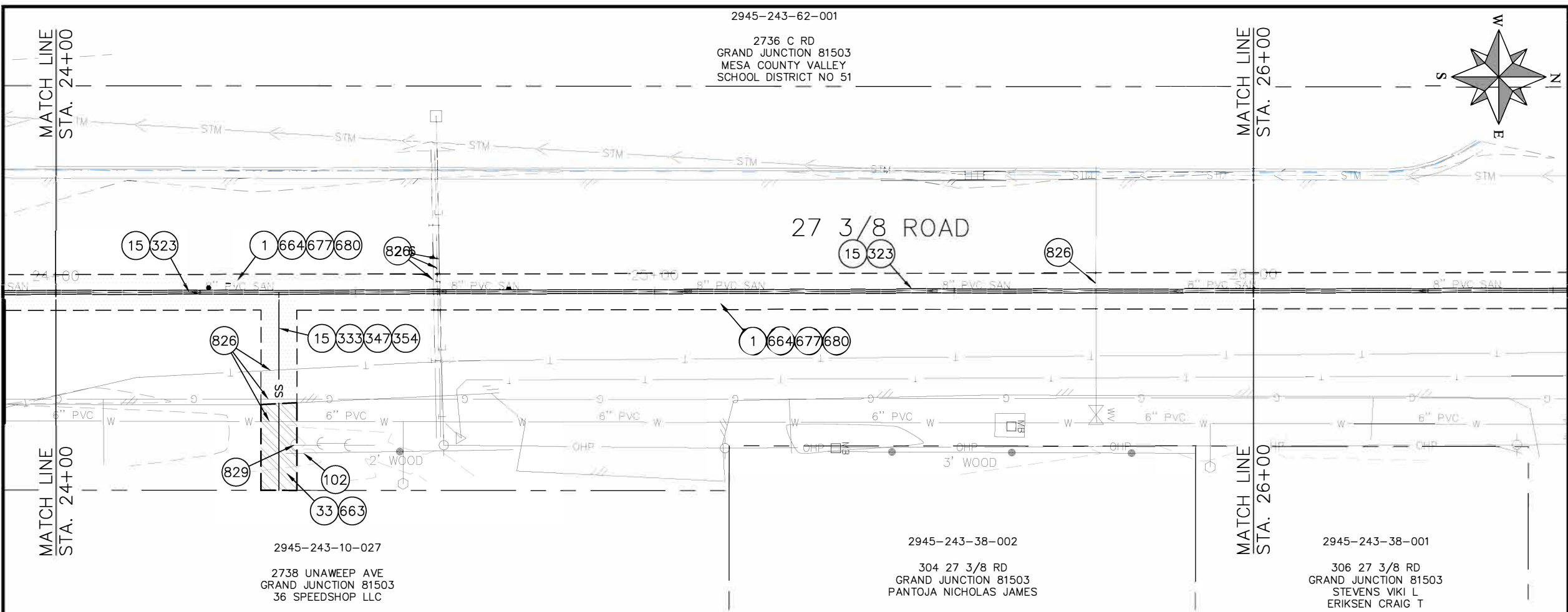
2945-243-62-001

2736 C RD
GRAND JUNCTION 81503
MESA COUNTY VALLEY
SCHOOL DISTRICT NO 51



CONSTRUCTION NOTES

- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
- 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
- 33 202 - REMOVE EXISTING SURFACE MATERIAL.
- 102 210 - RESET FENCE. (HEIGHT AND MATERIAL AS SHOW ON PLAN)
- 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
- 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
- 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
- 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
- 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
- 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
- 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
- 826 PROTECT EXISTING UTILITY LINE IN PLACE.
- 829 PROTECT GUY WIRE



REVISION	DESCRIPTION	DATE	PROJECT NO.
REVISION Δ XXX	202X	04/2021	---
REVISION Δ XXX	202X	4/2021	---
REVISION Δ XXX	202X	2021	---
REVISION Δ XXX	202X	2021	---

DA	DATE	BY	DATE
DJM	04/2021	DJM	4/2021
EM	2021	KH	2021

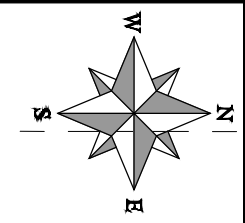
SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 5'

**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
27 3/8 ROAD PLAN AND PROFILE
STA 24+00 TO STA 26+00**

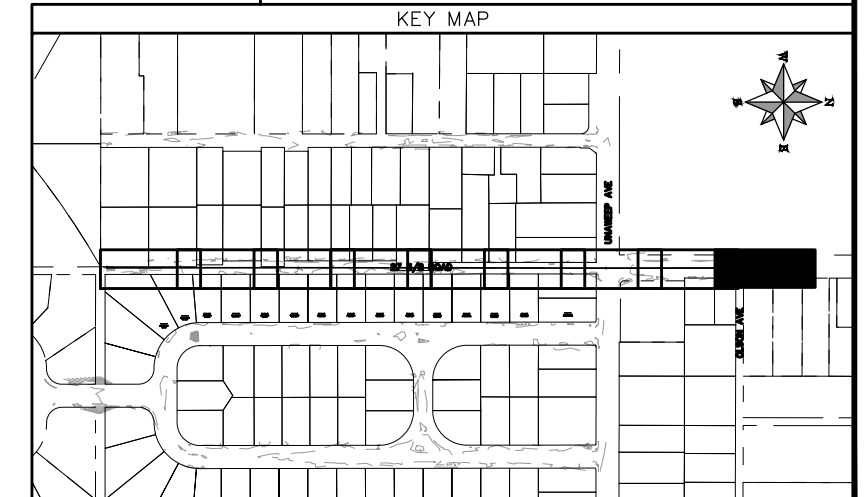
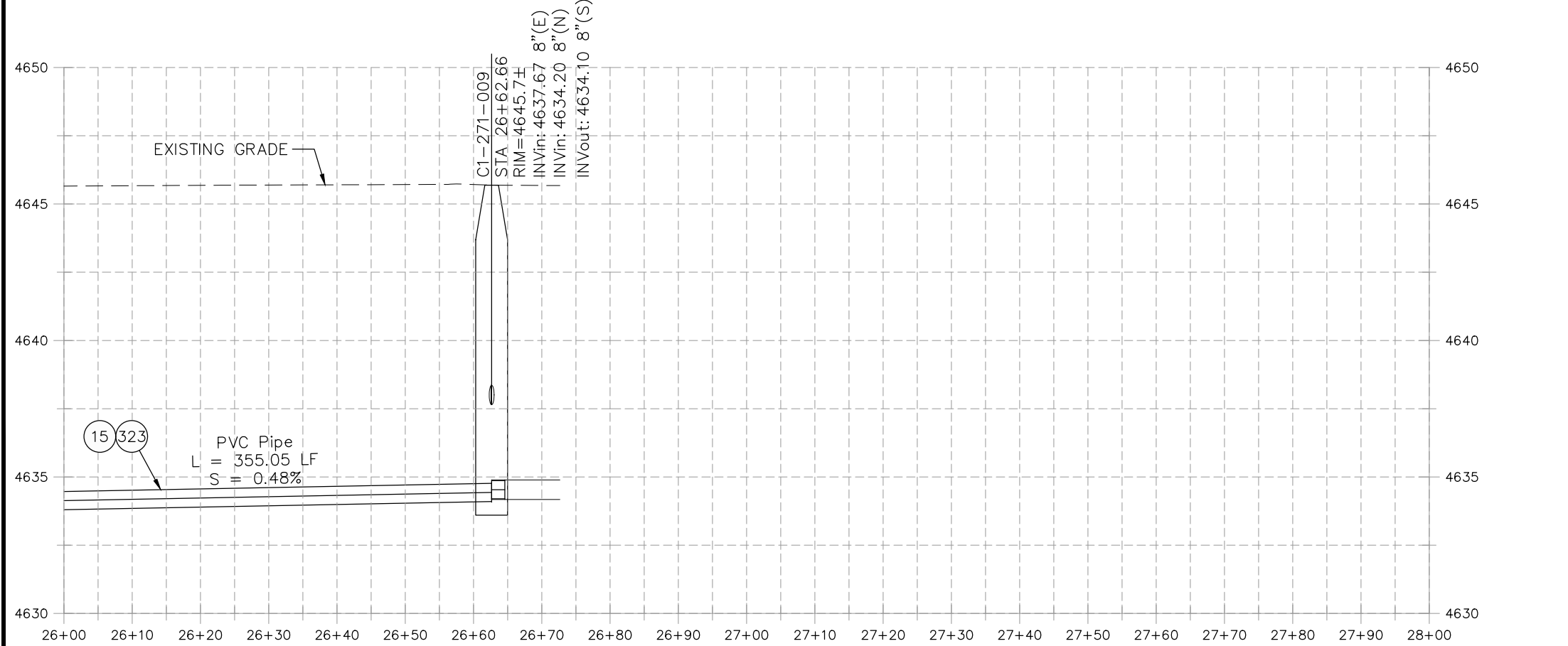
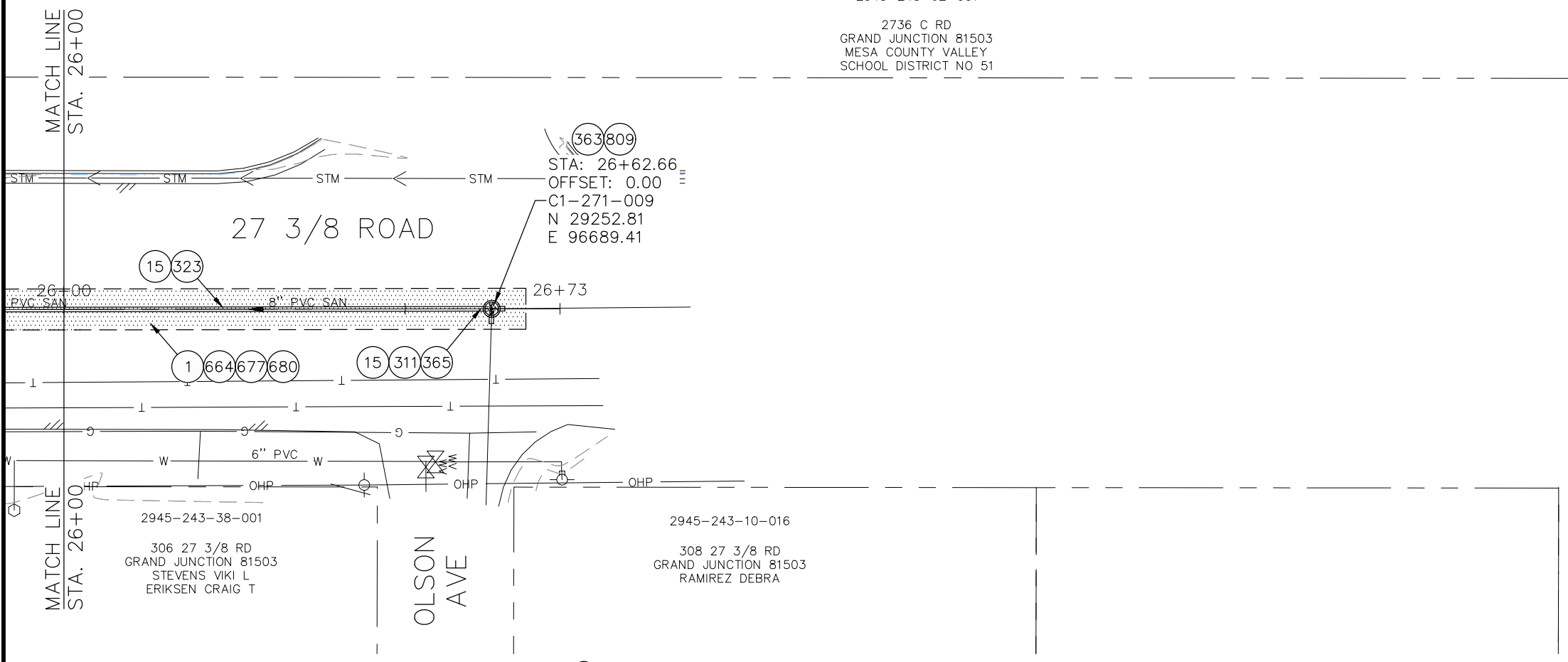
2945-243-62-001

2736 C RD
GRAND JUNCTION 81503
MESA COUNTY VALLEY
SCHOOL DISTRICT NO 51



CONSTRUCTION NOTES

- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
- 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
- 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
- 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
- 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
- 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
- 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
- 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
- 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
- 809 PROTECT MANHOLE



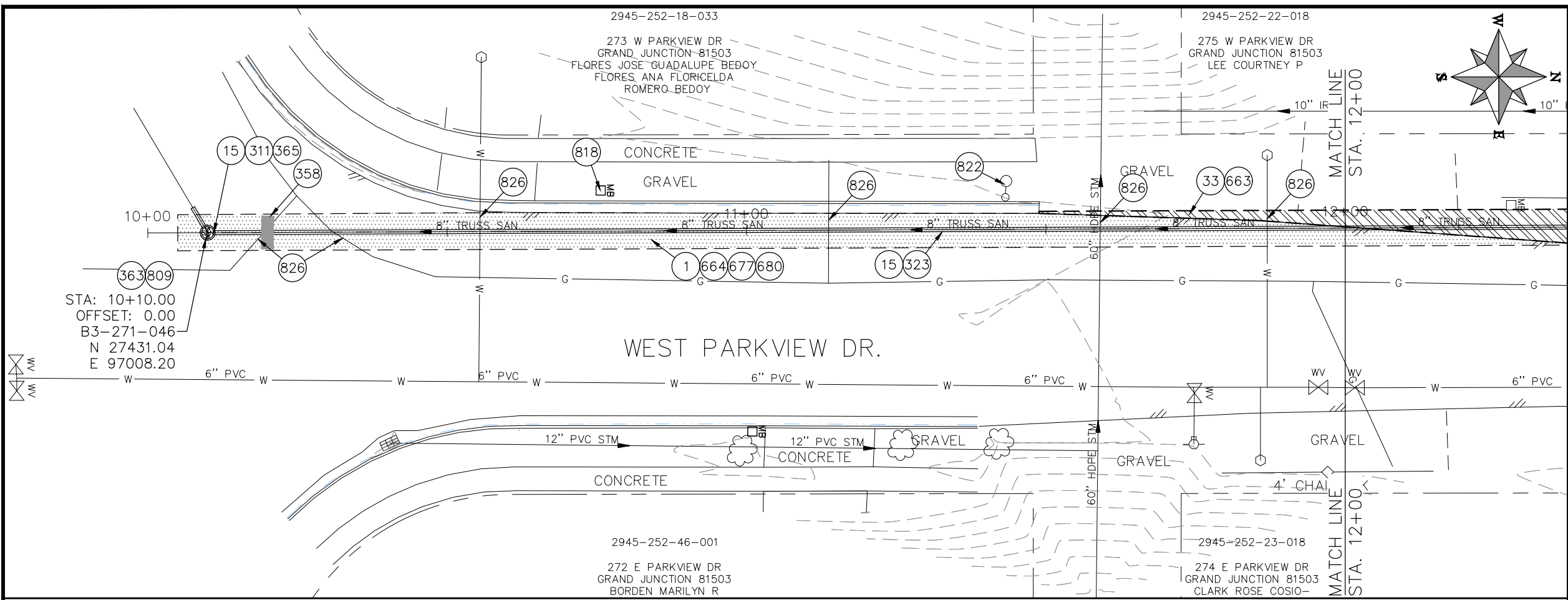
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REVISION Δ XXX		202X	---	2021
REVISION Δ XXX		202X	---	2021

SCALES: PLAN & PROFILE	
HORIZONTAL: 1" = 20'	
VERTICAL: 1" = 5'	

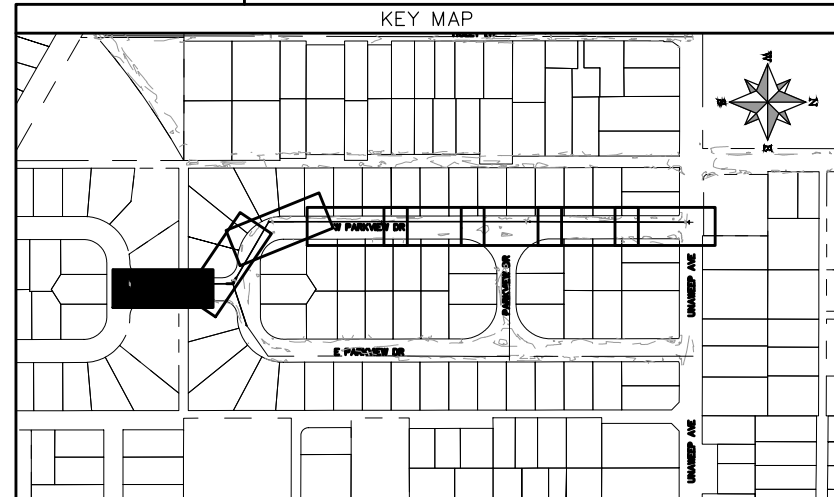
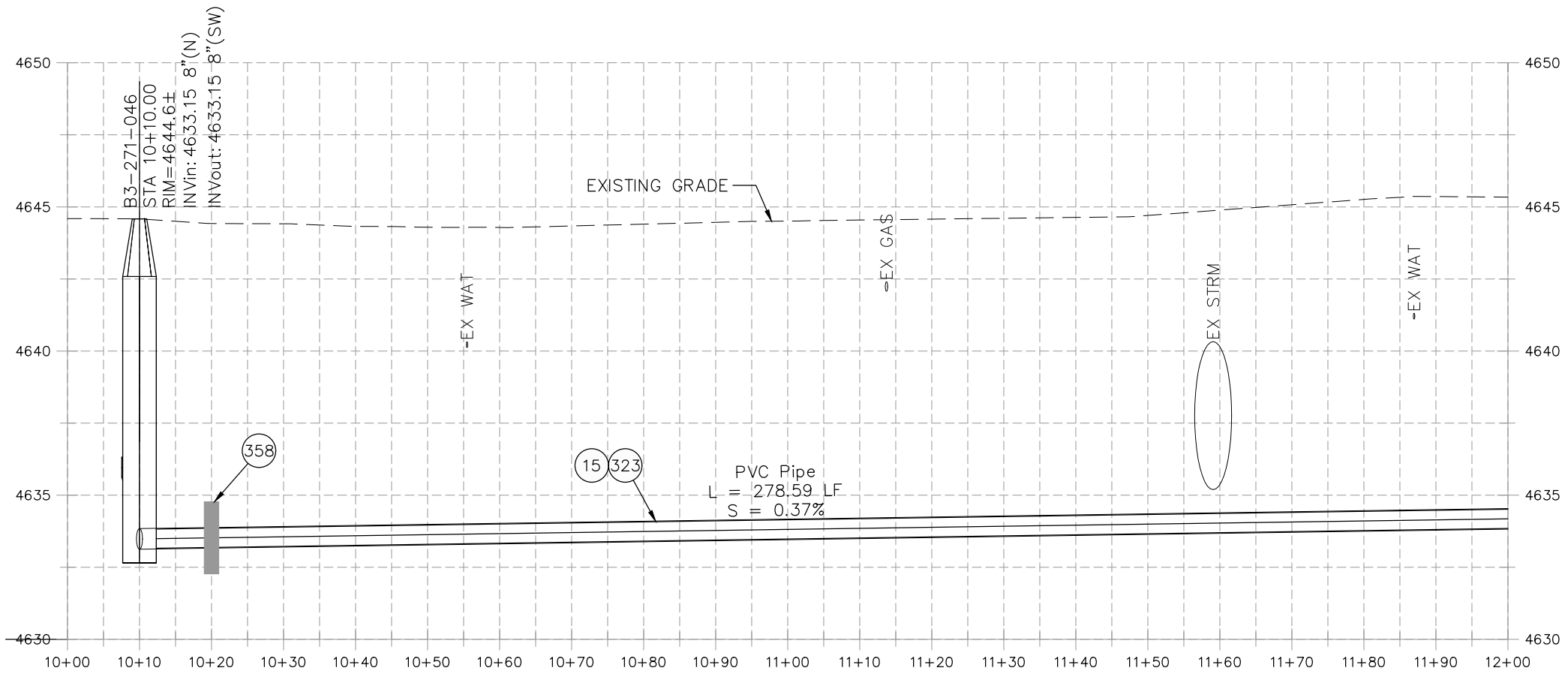
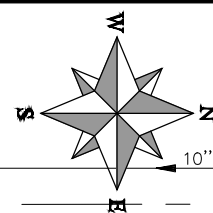


PUBLIC WORKS
ENGINEERING DIVISION

2022 SEWER LINE REPLACEMENT - PARSES 2-4
27 3/8 ROAD PLAN AND PROFILE
STA 26+00 TO END



- CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 818 PROTECT MAILBOX.
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



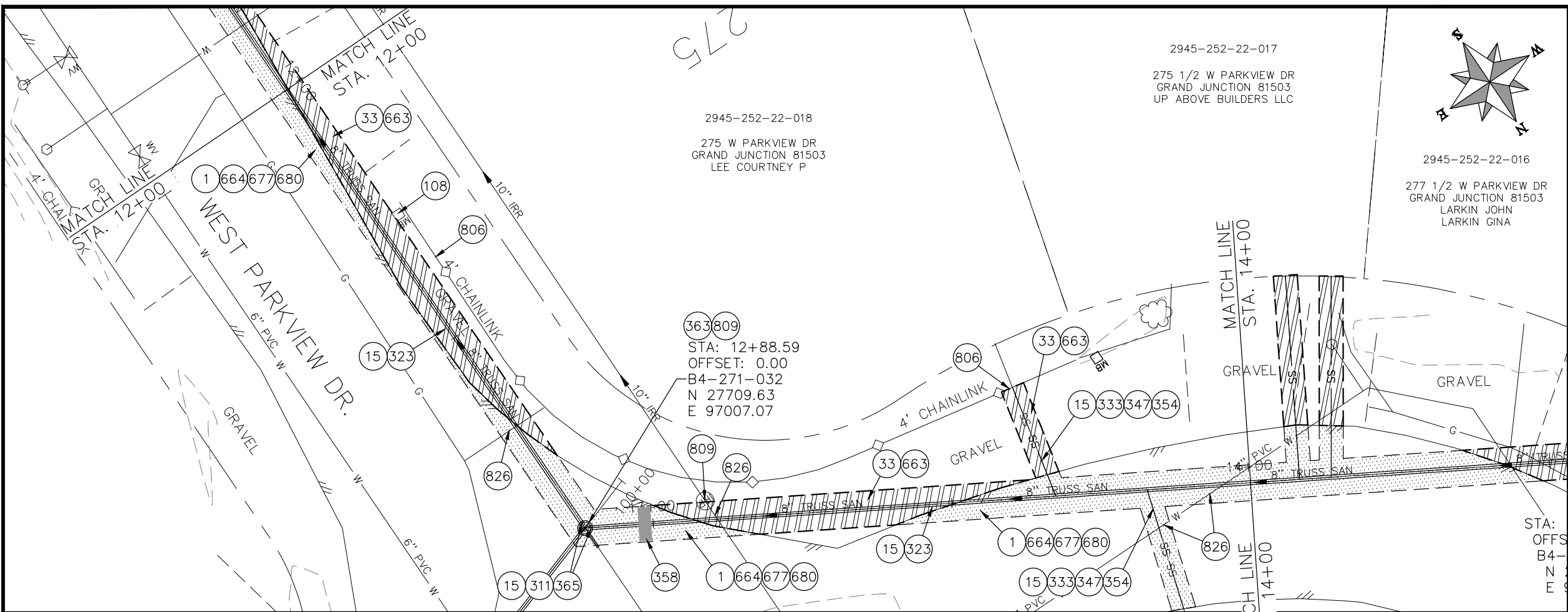
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202X				04/2021
202X				4/2021
202X				2021
202X				2021

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 0 5 10 20
 VERTICAL: 1" = 5'
 0 1.25 2.5 5

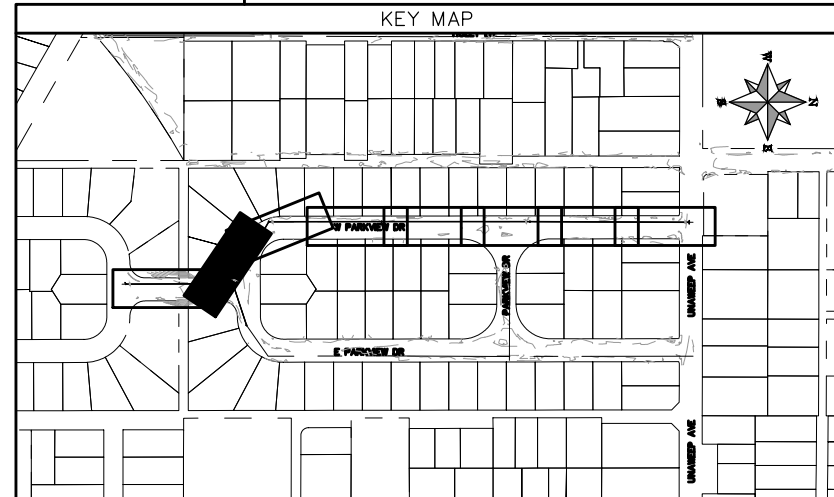
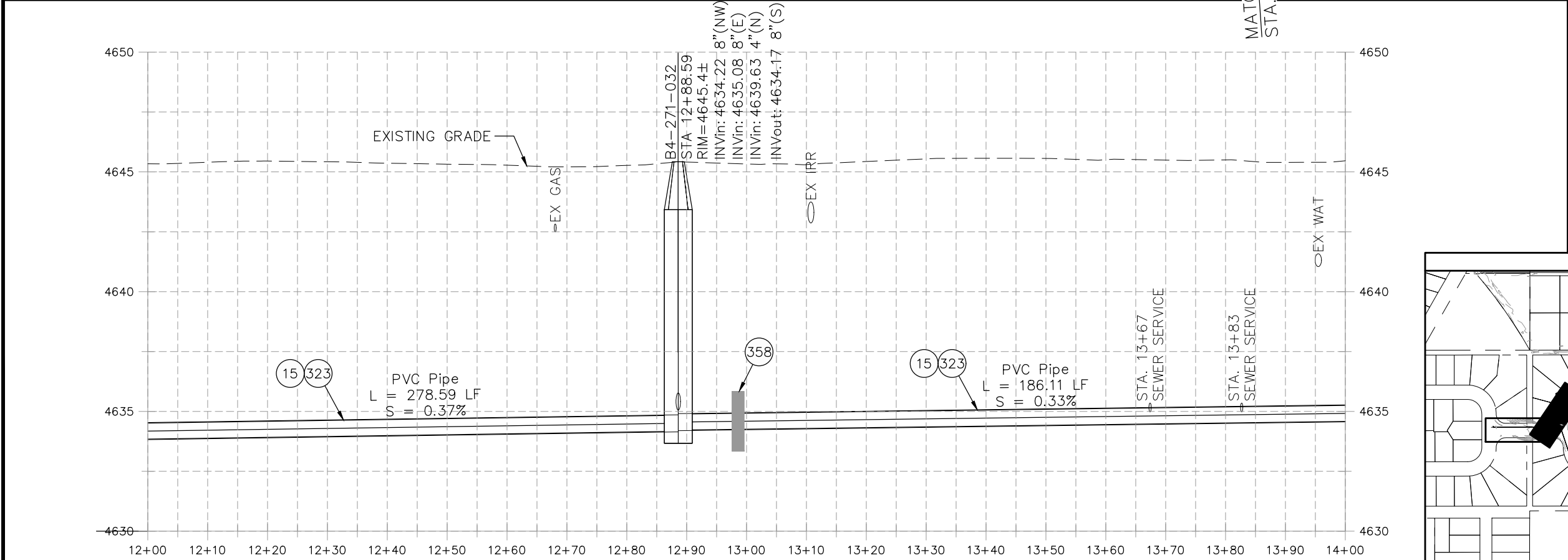


PUBLIC WORKS
ENGINEERING DIVISION

2022 SEWER REPLACEMENT - PARSES 2-4
WEST PARKVIEW DR. PLAN AND PROFILE
STA 10+00 TO STA 12+00



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 108 210 - RESET MAILBOX TO NEW 4X4 POST.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 806 PROTECT FENCE
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



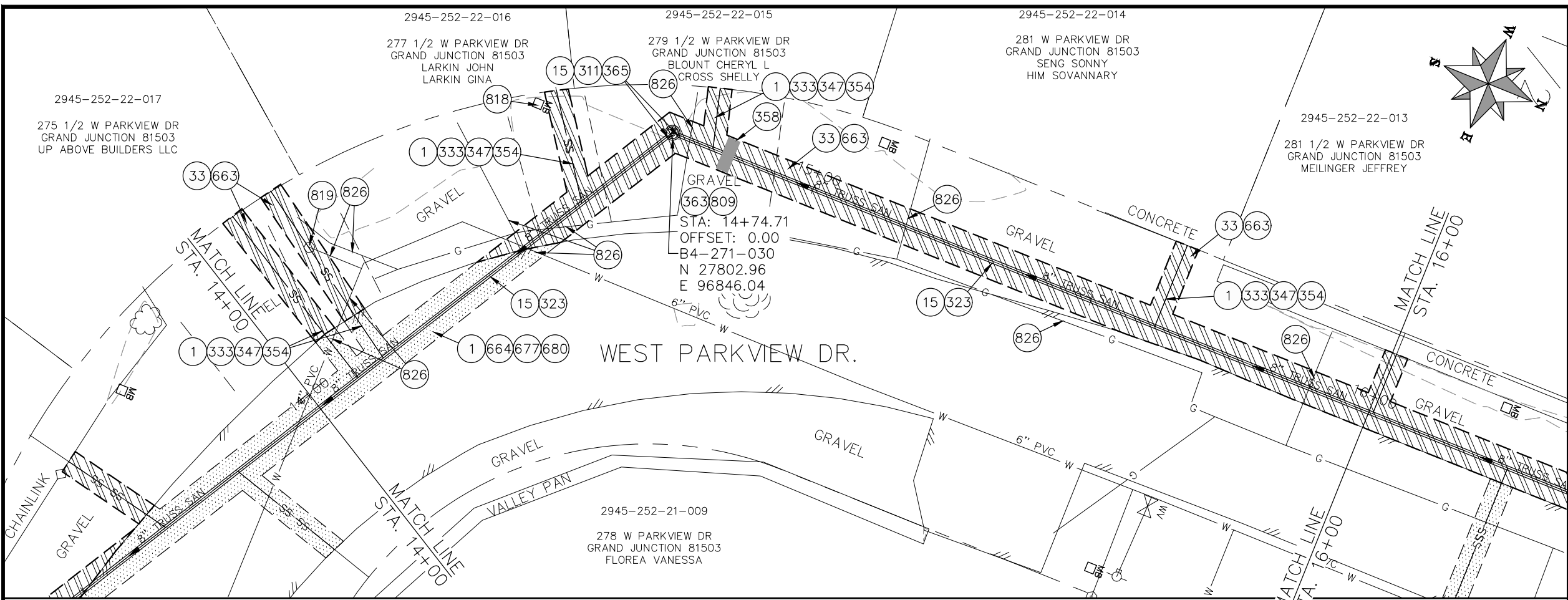
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REVISION Δ XXX		202X	----	4/2021
REVISION Δ XXX		202X	----	2021
REVISION Δ XXX		202X	----	2021

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 5'

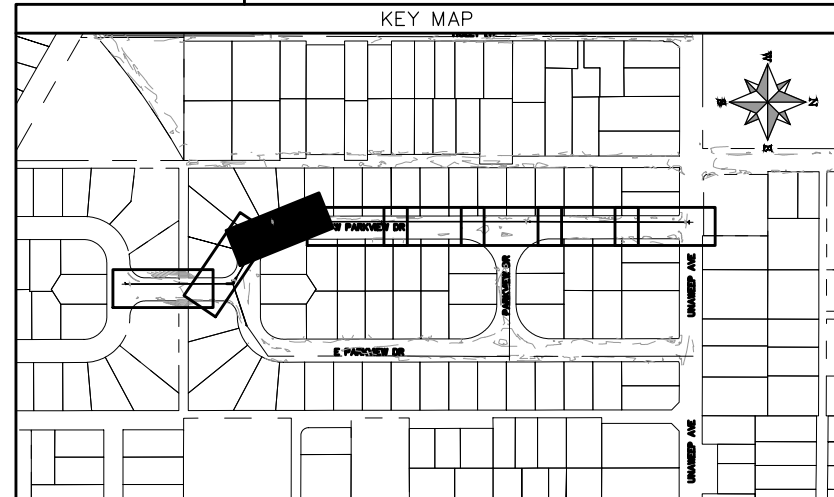
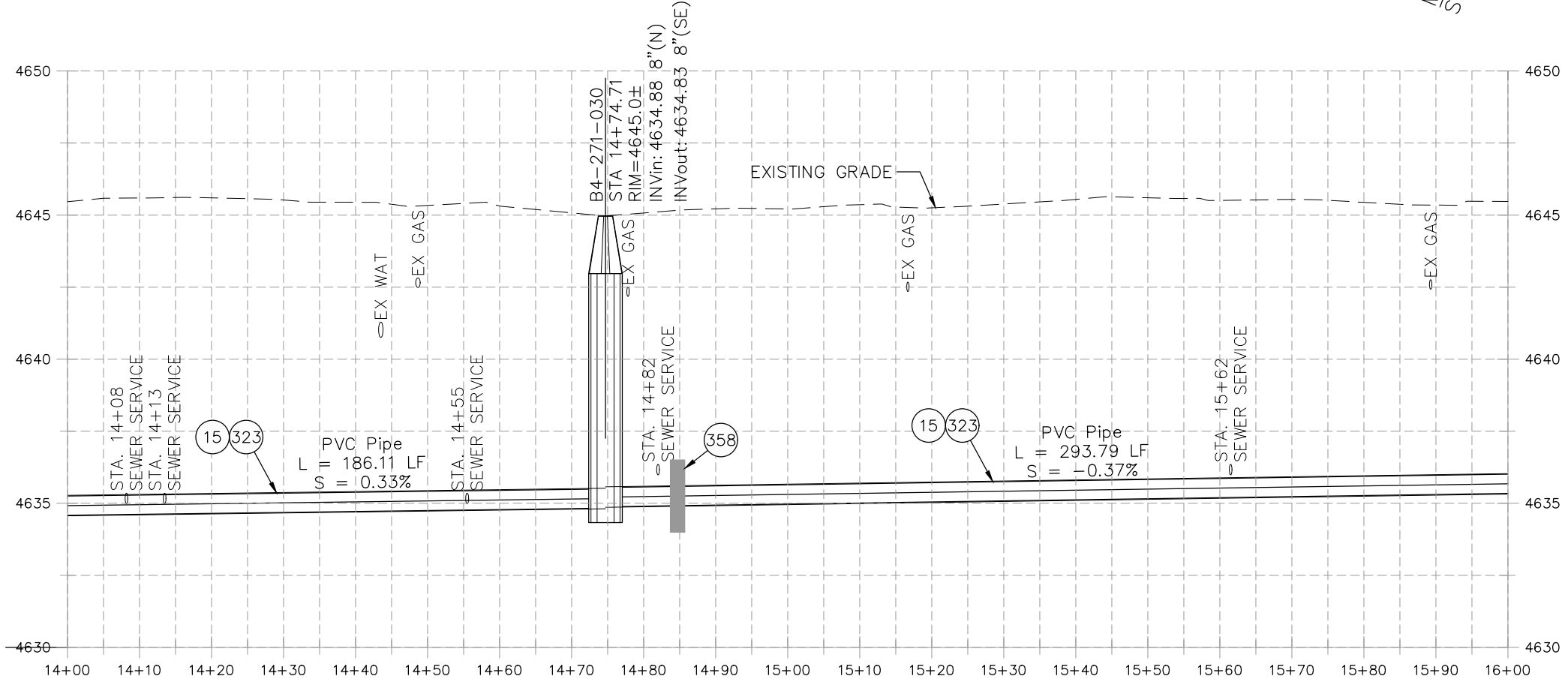
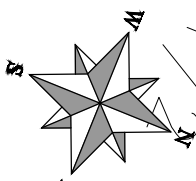


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER REPLACEMENT - PARSES 2-4
WEST PARKVIEW DR. PLAN AND PROFILE
STA 12+00 TO STA 14+00**



- ### CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 818 PROTECT MAILBOX.
 - 819 PROTECT WATER METER
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE



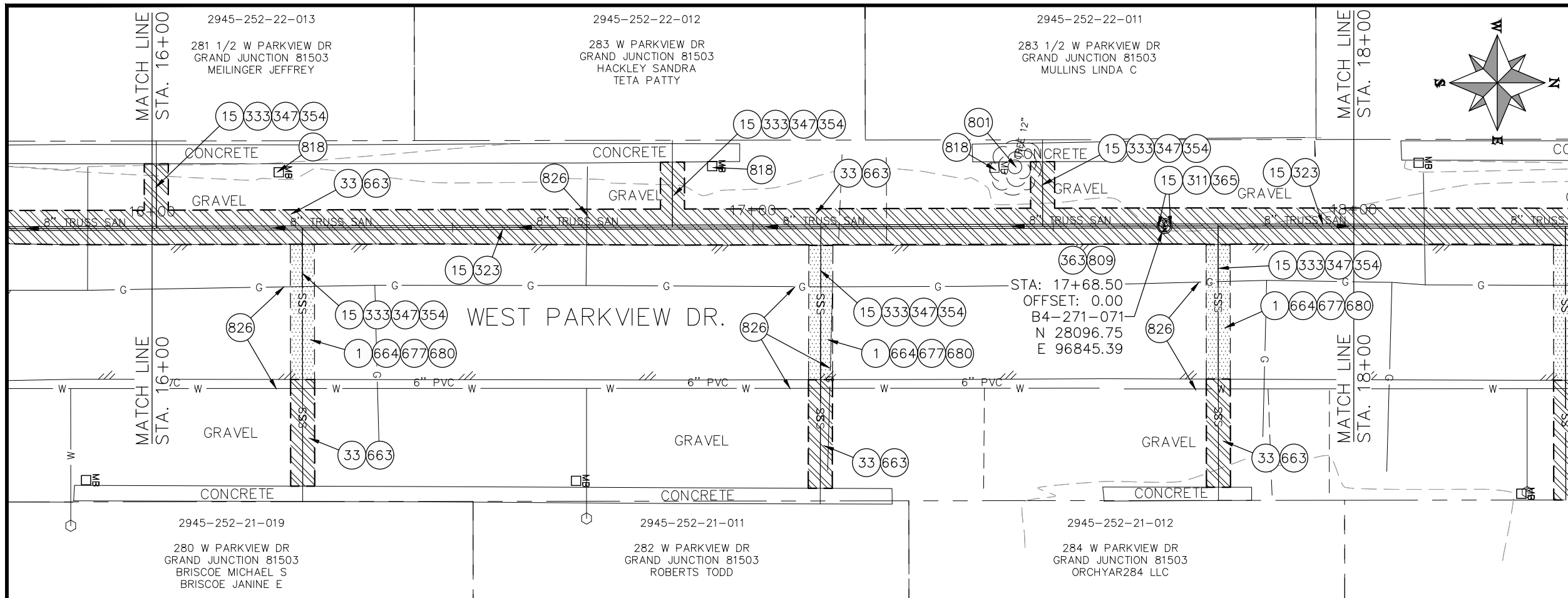
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REVISION Δ XXX		202X	DJM	4/2021
REVISION Δ XXX		202X	EM	2021
REVISION Δ XXX		202X	KH	2021

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 0 5 10 20
 VERTICAL: 1" = 5'
 0 1.25 2.5 5

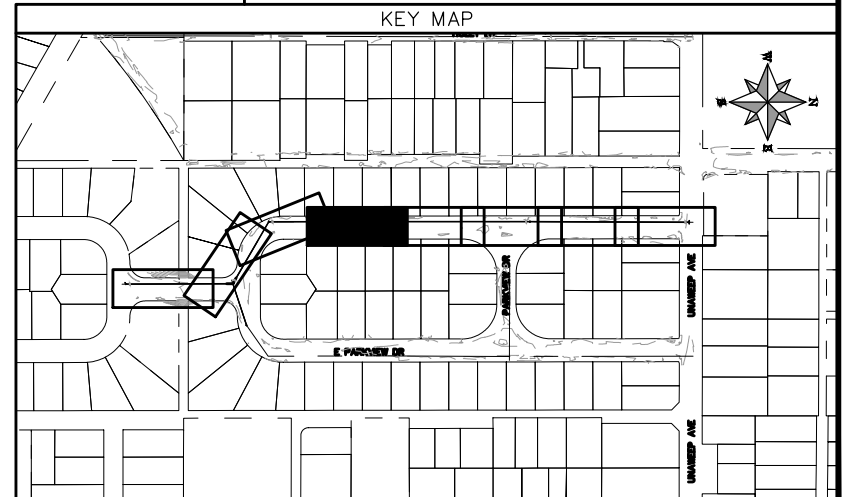
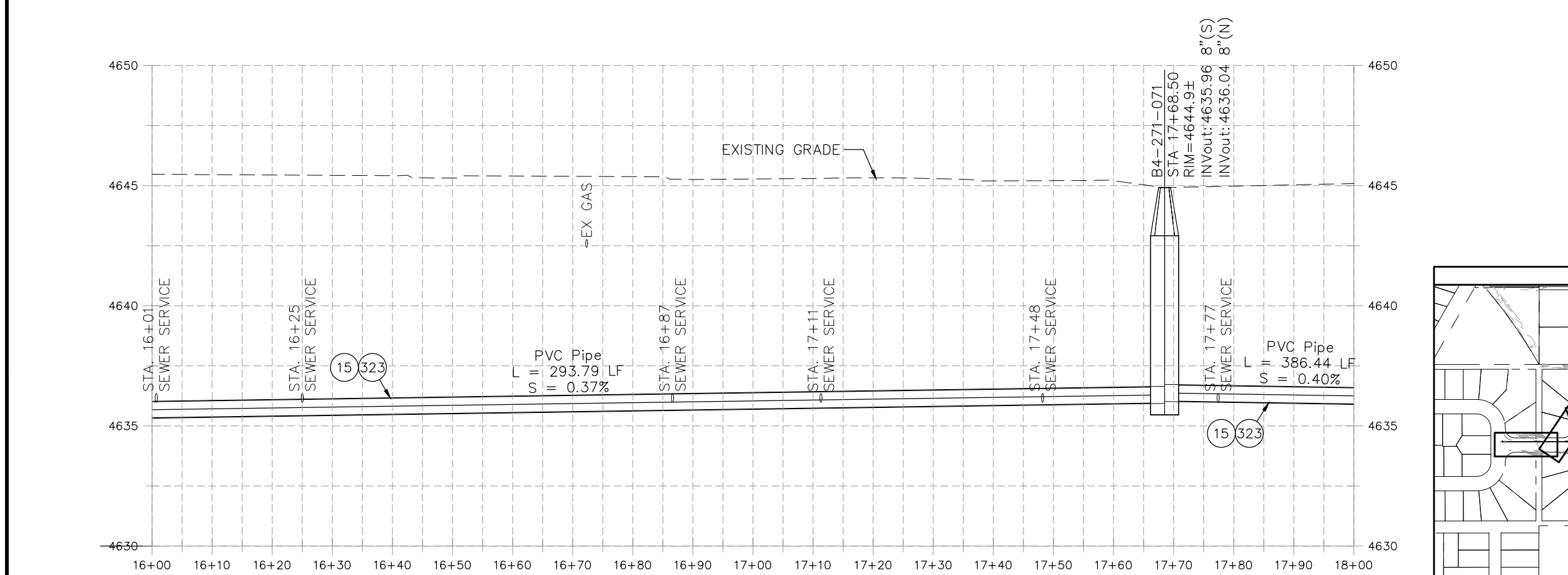
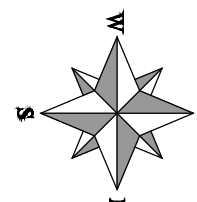


PUBLIC WORKS
ENGINEERING DIVISION

2022 SEWER REPLACEMENT - PARSES 2-4
WEST PARKVIEW DR. PLAN AND PROFILE
STA 14+00 TO STA 16+00



- ### CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 801 PROTECT TREE
 - 809 PROTECT MANHOLE
 - 818 PROTECT MAILBOX.
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



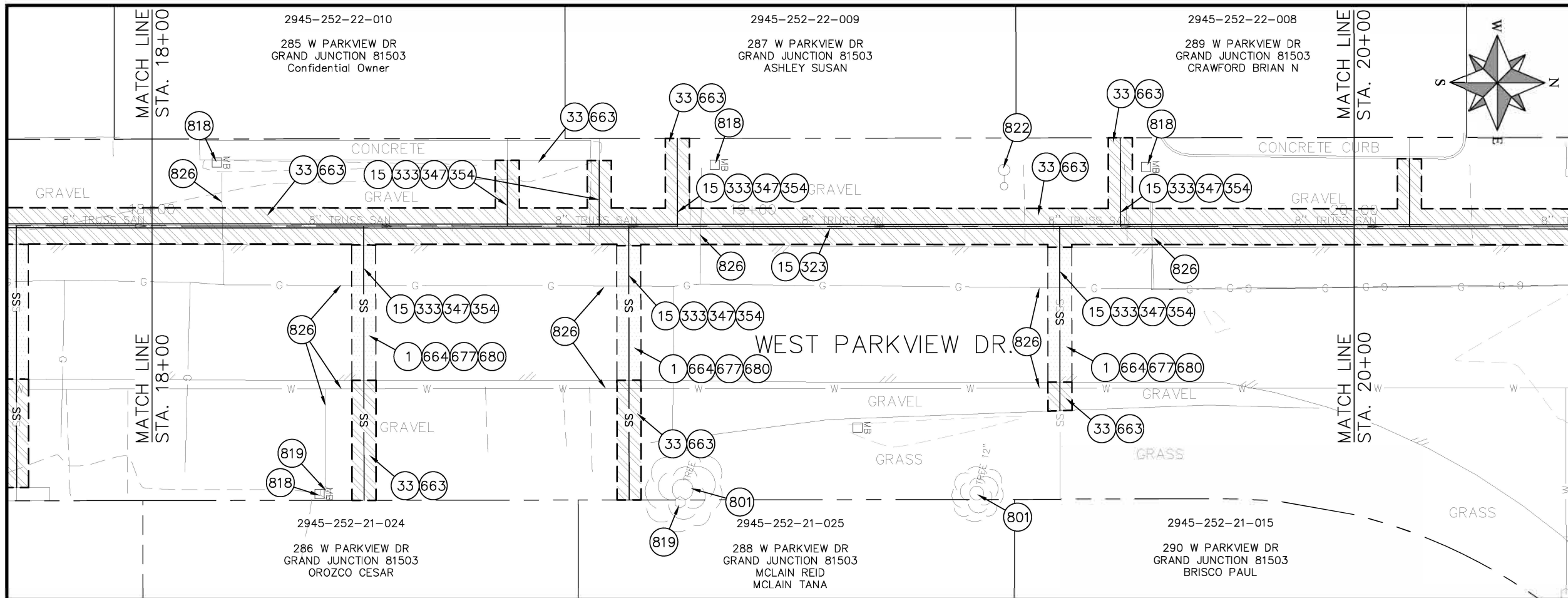
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REVISION Δ XXX		202X	DJM	4/2021
REVISION Δ XXX		202X	EM	2021
REVISION Δ XXX		202X	KH	2021

SCALES: PLAN & PROFILE	
HORIZONTAL: 1" = 20'	0 5 10 20
VERTICAL: 1" = 5'	0 1.25 2.5 5

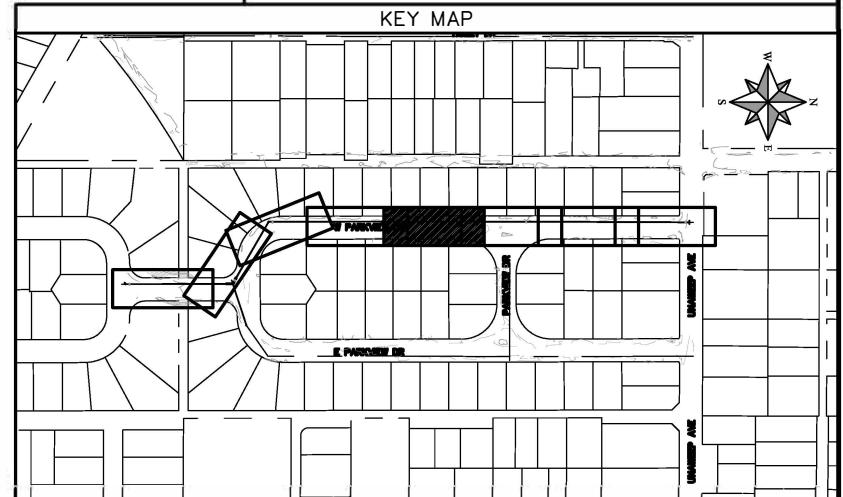
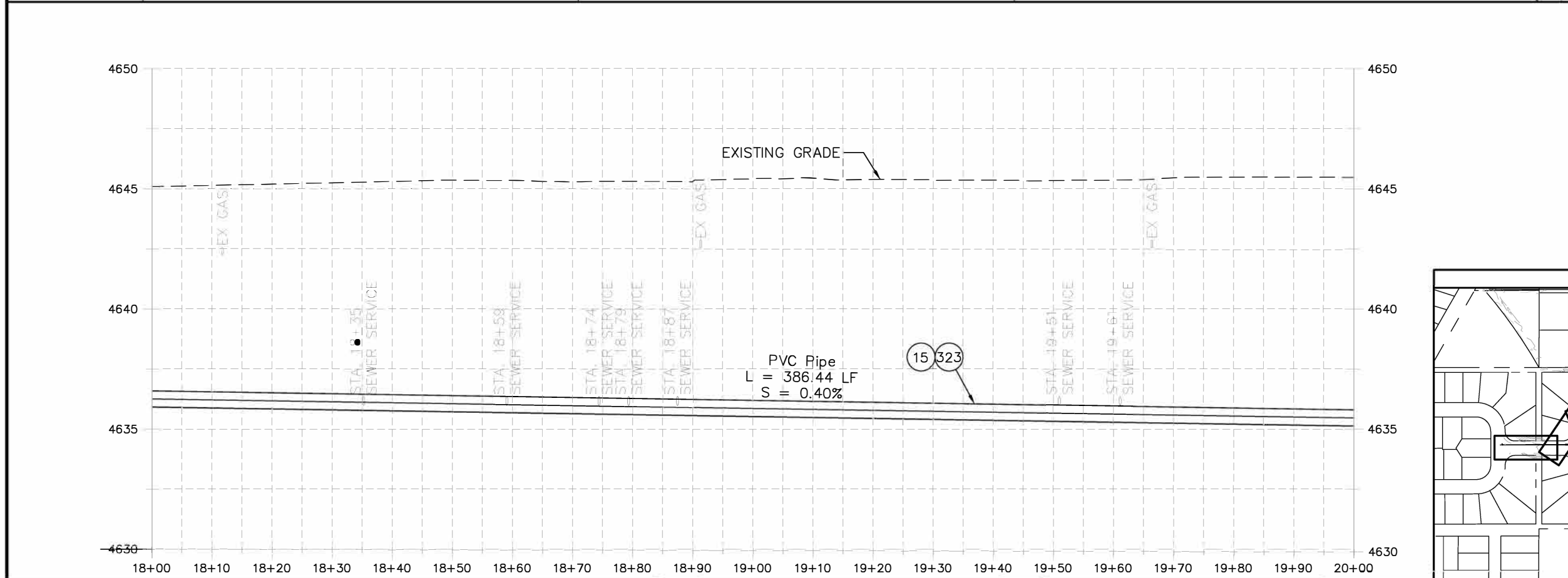
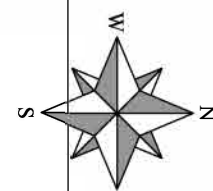


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER REPLACEMENT - PARSES 2-4
WEST PARKVIEW DR. PLAN AND PROFILE
STA 16+00 TO STA 18+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 801 PROTECT TREE
 - 818 PROTECT MAILBOX.
 - 819 PROTECT WATER METER
 - 822 PROTECT LIGHT POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



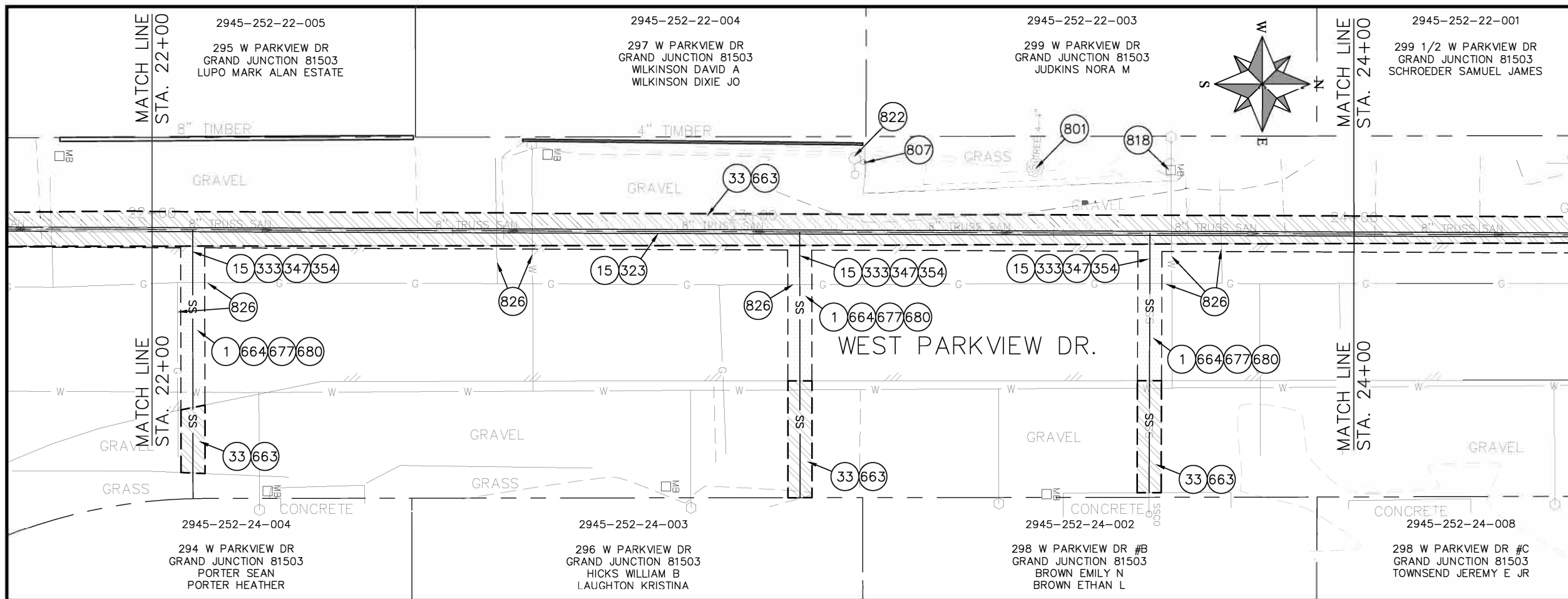
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REVISION Δ XXX		202X	DESIGNED BY DJM	DATE 4/2021
REVISION Δ XXX		202X	CHECKED BY EM	DATE 2021
REVISION Δ XXX		202X	APPROVED BY KH	DATE 2021

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 0 5 10 20
 VERTICAL: 1" = 5'
 0 1.25 2.5 5

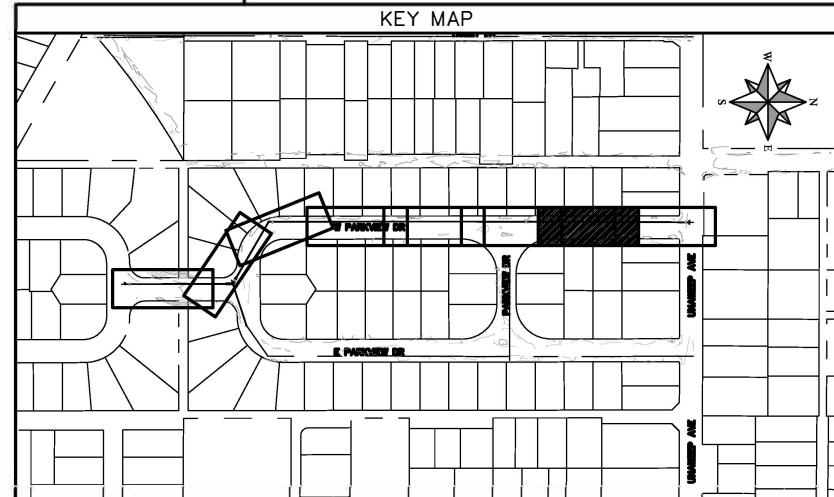
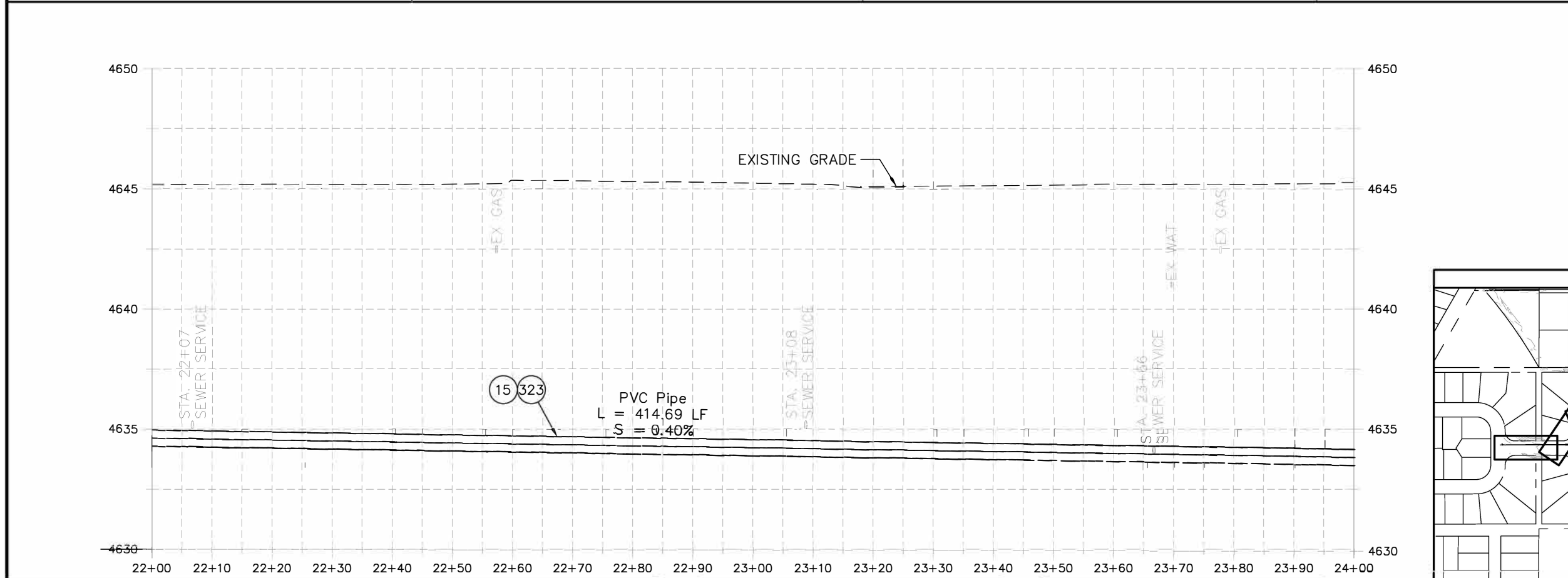


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER REPLACEMENT - PARSES 2-4
WEST PARKVIEW DR. PLAN AND PROFILE
STA 18+00 TO STA 20+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 801 PROTECT TREE
 - 807 PROTECT SIGN
 - 818 PROTECT MAILBOX.
 - 822 PROTECT LIGHT POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



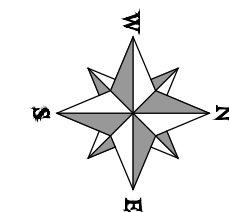
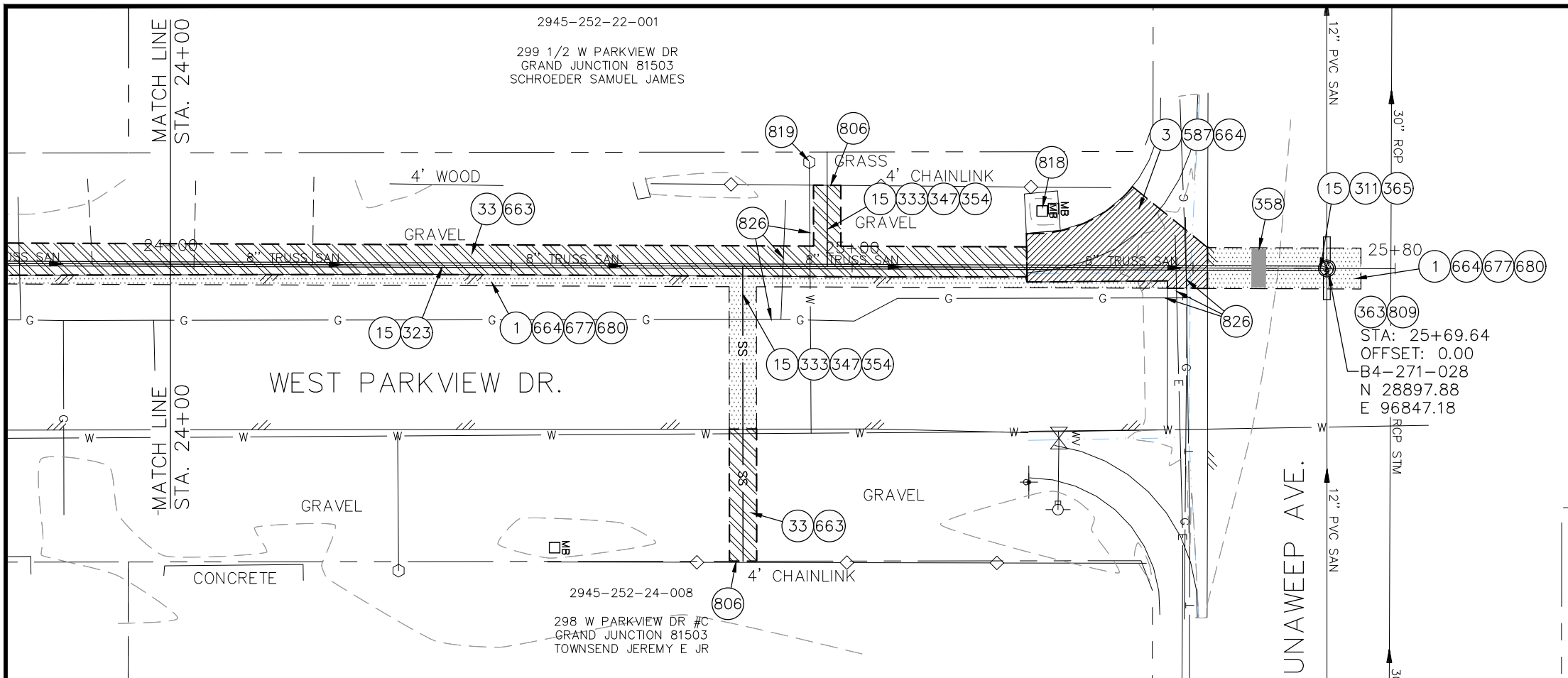
REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
REVISION Δ XXX		202X	DJM	04/2021
REVISION Δ XXX		202X	DJM	4/2021
REVISION Δ XXX		202X	EM	2021
REVISION Δ XXX		202X	KH	2021

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 0 5 10 20
 VERTICAL: 1" = 5'
 0 1.25 2.5 5

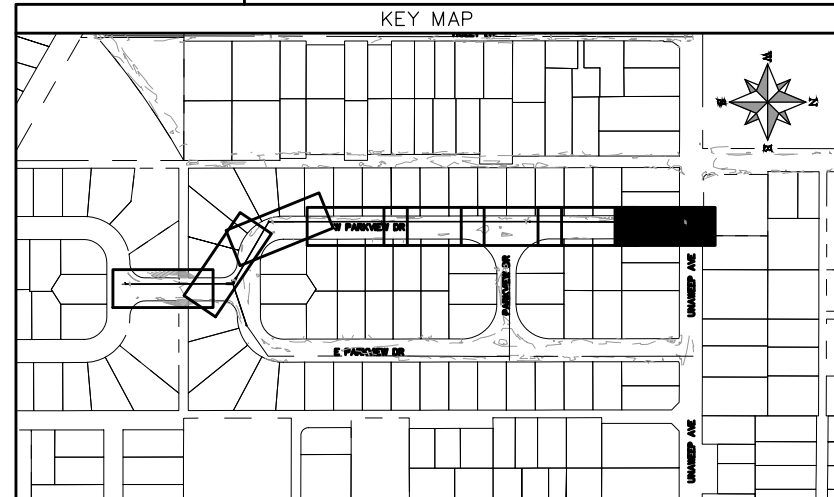
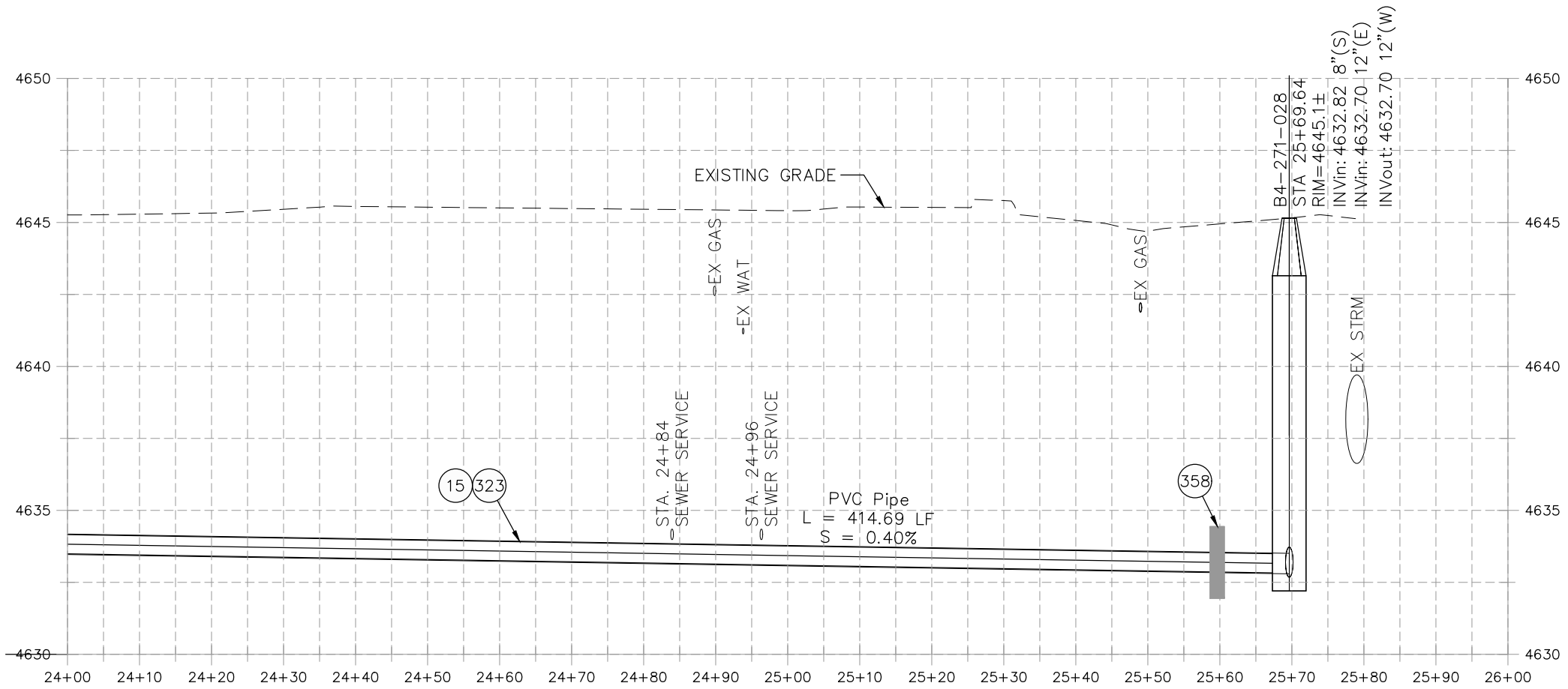


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
WEST PARKVIEW DR. PLAN AND PROFILE
STA 22+00 TO STA 24+00**



- ### CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 587 608.06 - CONCRETE INTERSECTION CORNER
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 806 PROTECT FENCE
 - 809 PROTECT MANHOLE
 - 818 PROTECT MAILBOX.
 - 819 PROTECT WATER METER
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



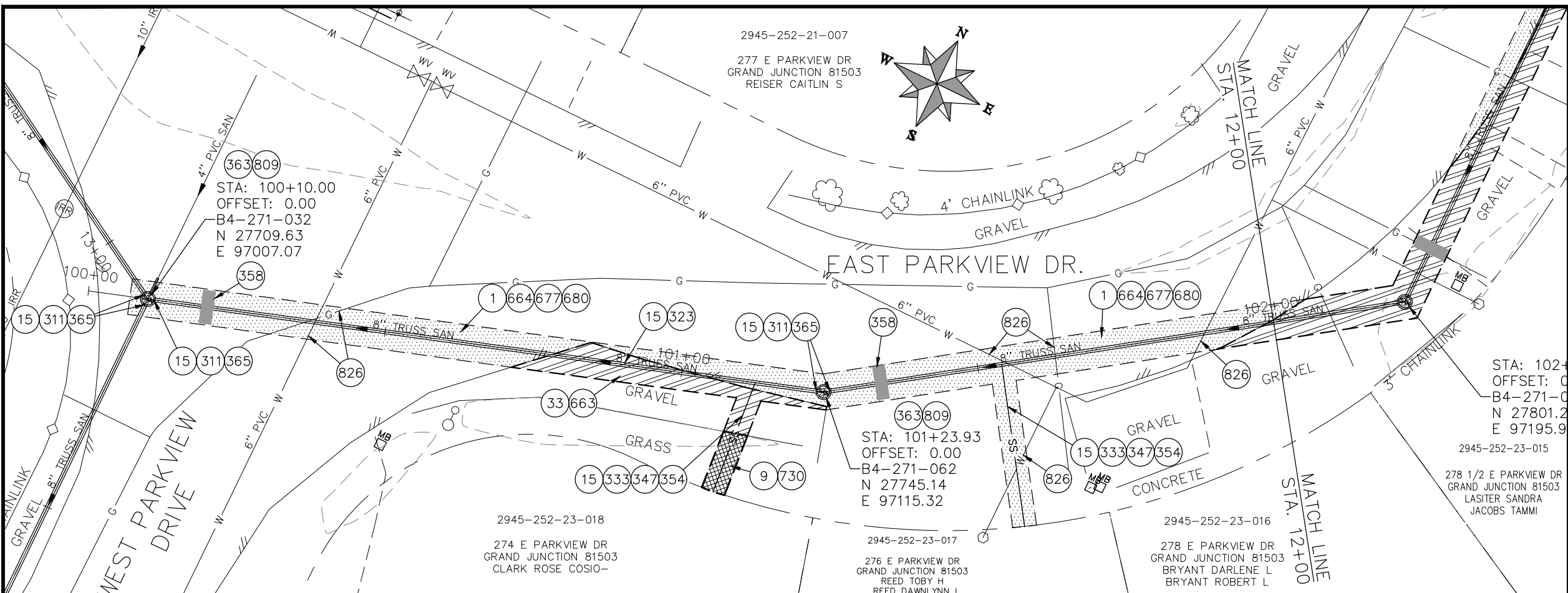
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REVISION Δ XXX		202X	DJM	4/2021
REVISION Δ XXX		202X	EM	2021
REVISION Δ XXX		202X	KH	2021

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 5'

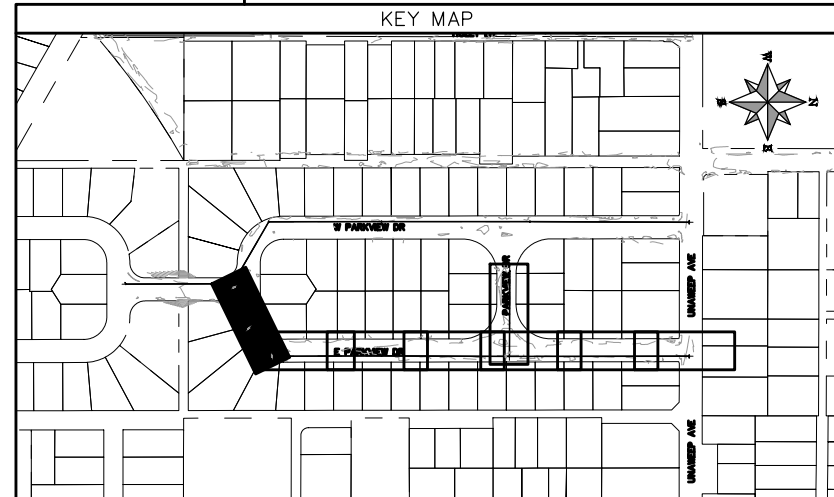
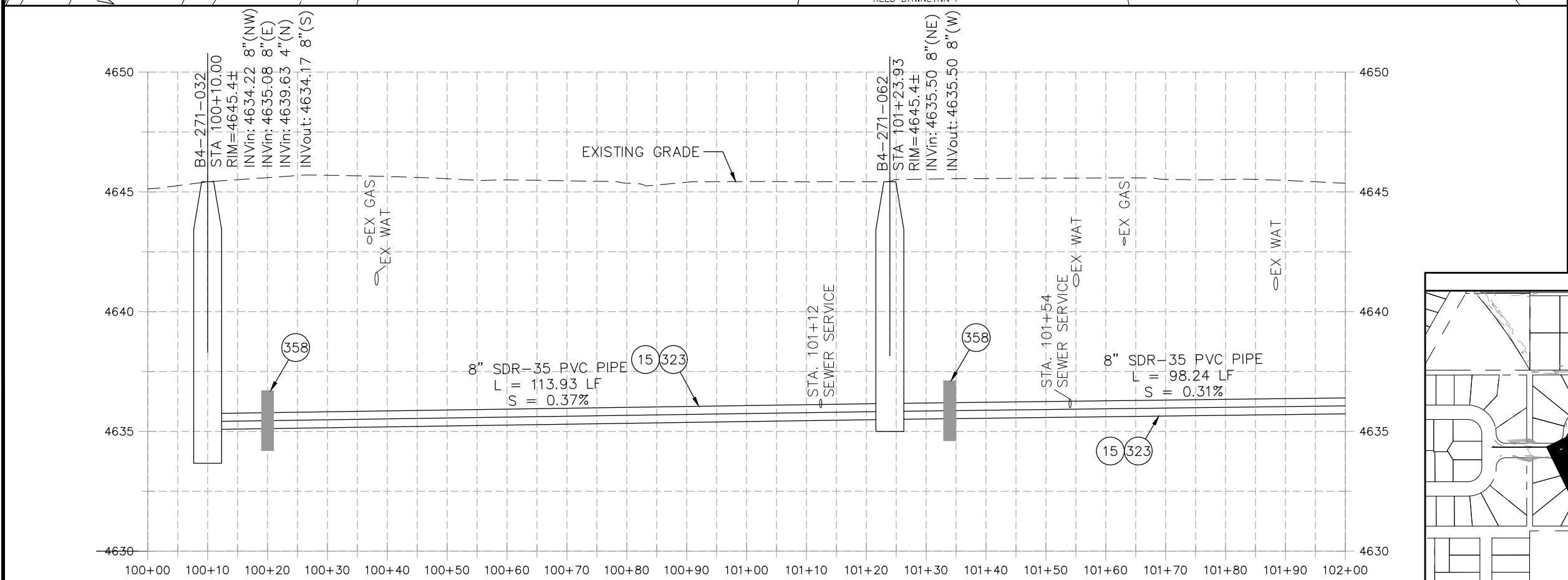


PUBLIC WORKS
ENGINEERING DIVISION

2022 SEWER LINE REPLACEMENT - PARSES 2-4
WEST PARKVIEW DR. PLAN AND PROFILE
STA 24+00 TO STA 26+00



- ### CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 9 202 - REMOVAL OF SOD.
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 730 212 - RESOD AREA AS SHOWN (INCLUDES 6" OF TOPSOIL PLACEMENT PRIOR TO SOD PLACEMENT)
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



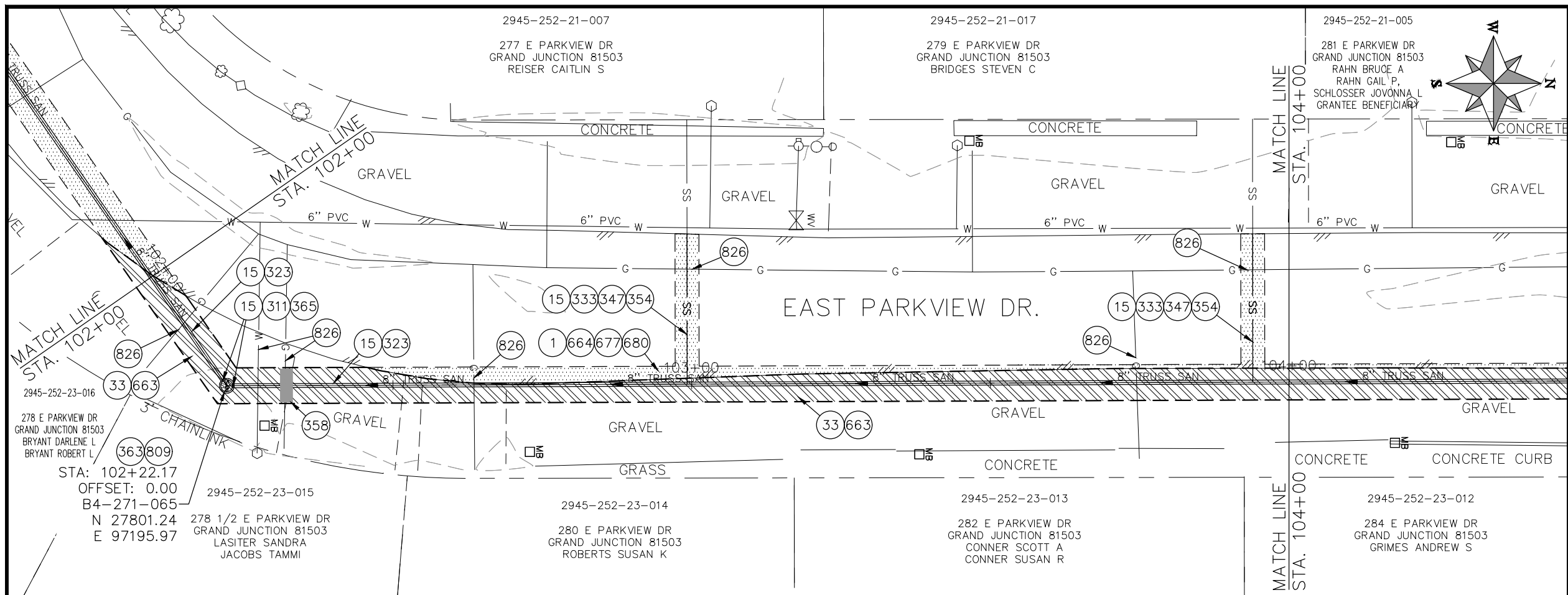
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REVISION Δ XXX		202X		4/2021
REVISION Δ XXX		202X		2021
REVISION Δ XXX		202X		2021

SCALE	DESCRIPTION
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0 1.25 2.5 5	VERTICAL: 1" = 5'

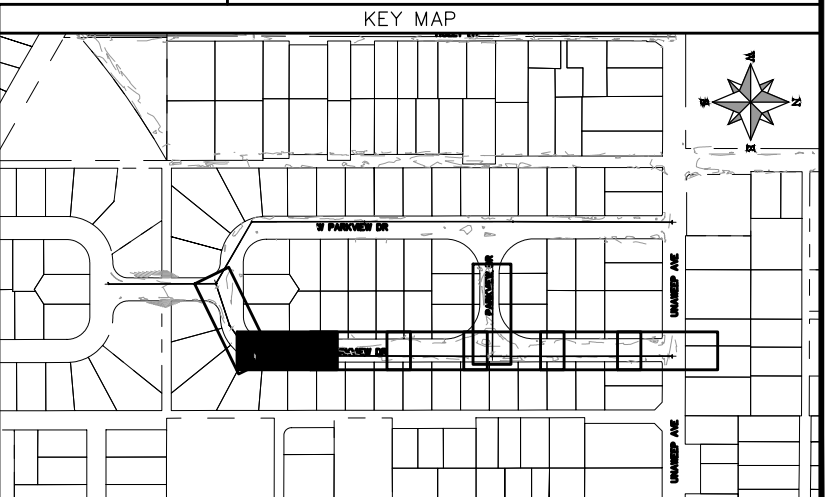
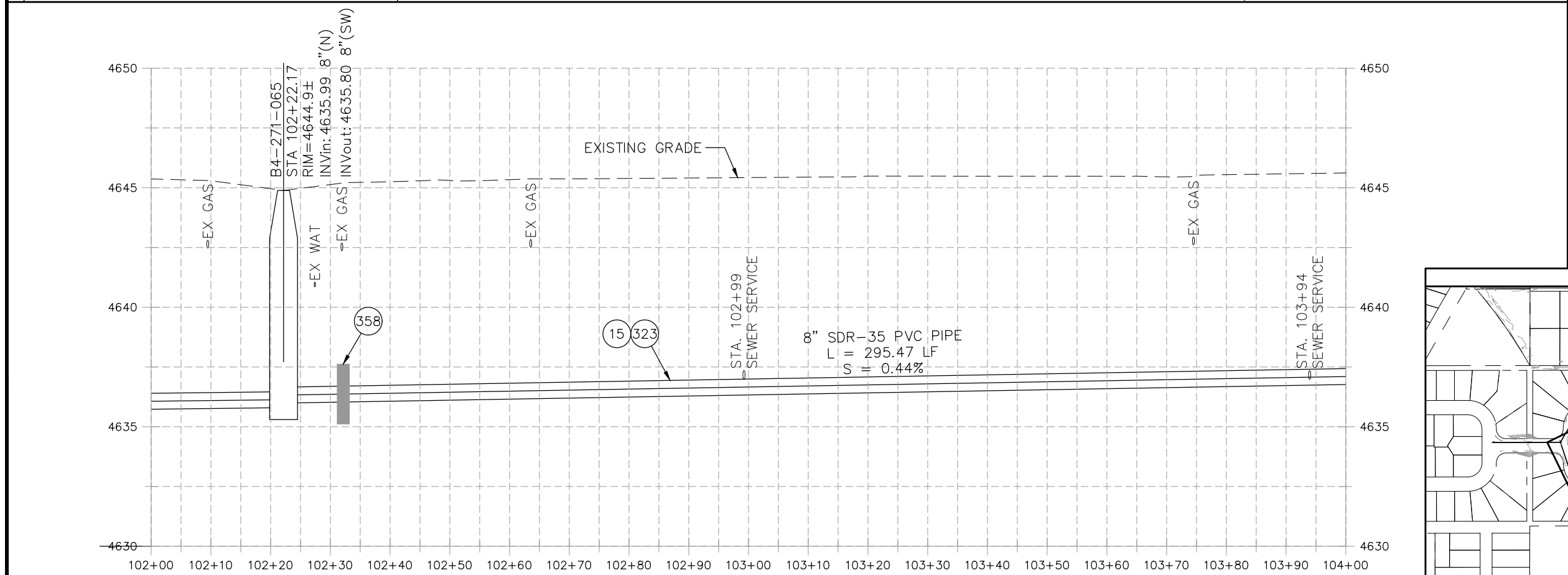


PUBLIC WORKS
ENGINEERING DIVISION

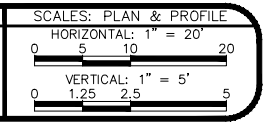
2022 SEWER LINE REPLACEMENT - PARSES 2-4
EAST PARKVIEW DR. PLAN AND PROFILE
STA 100+00 TO STA 102+00



- ### CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.

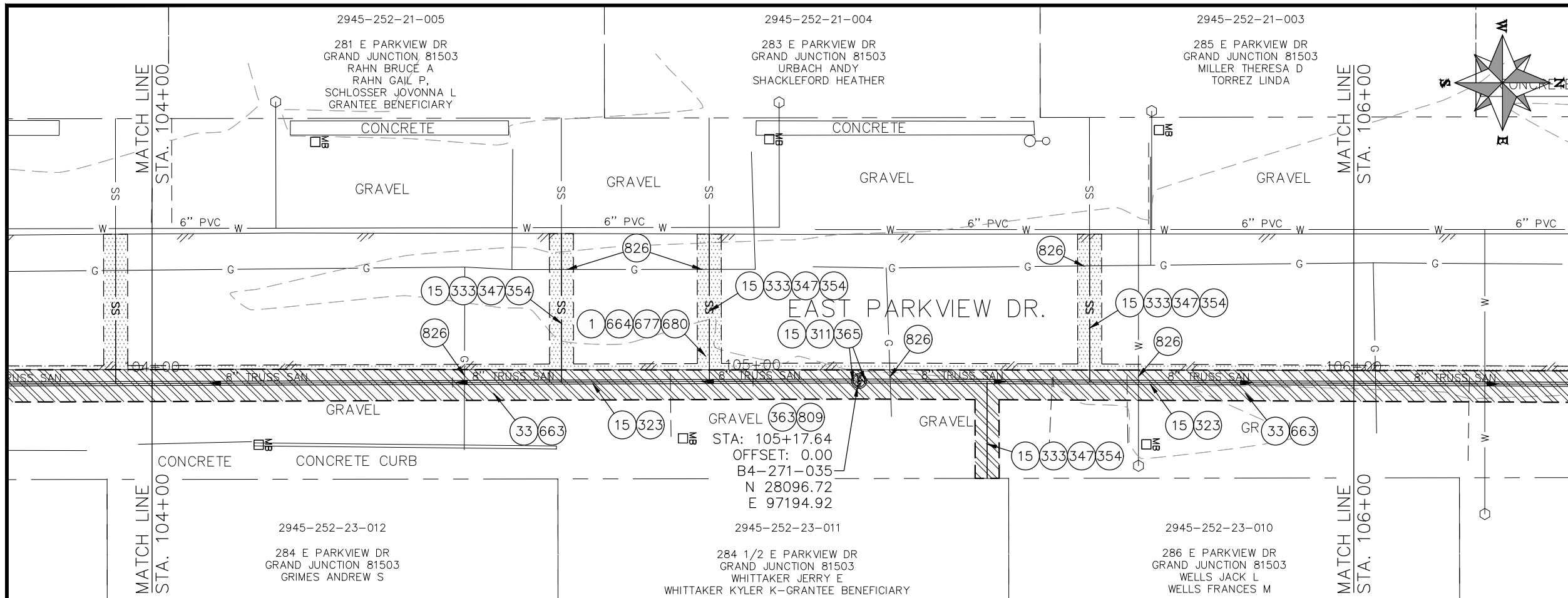


REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
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202X				2021
202X				2021

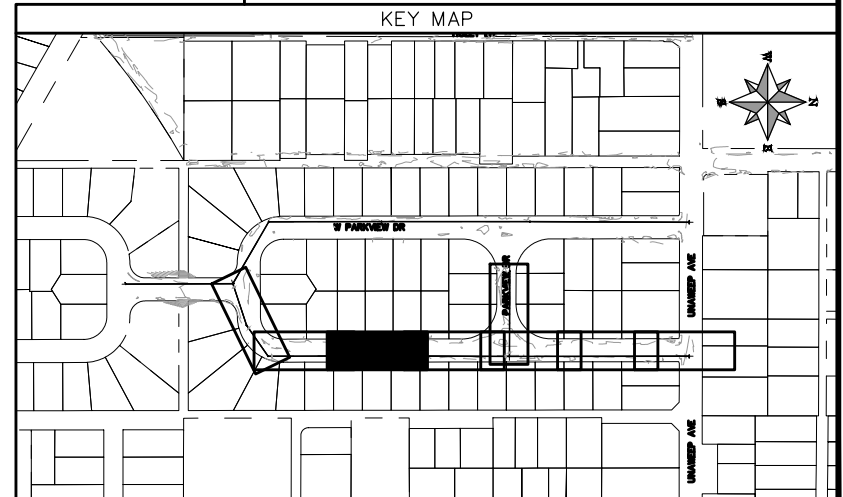
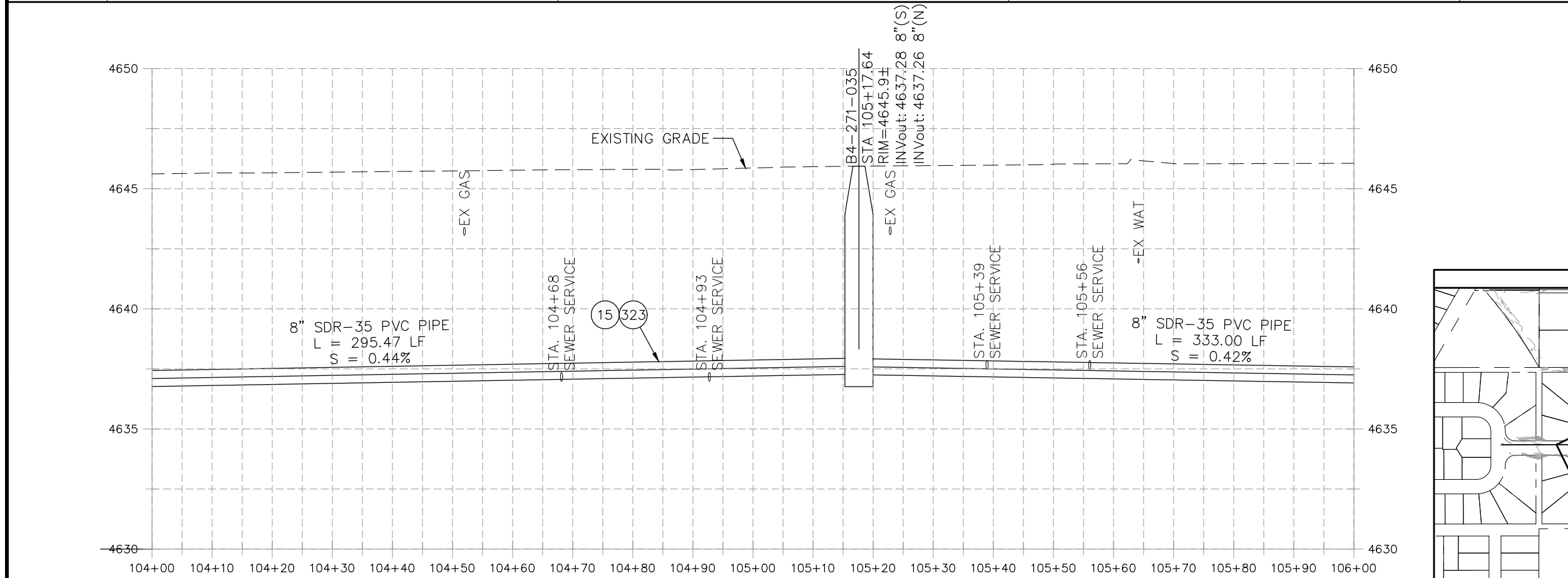


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
EAST PARKVIEW DR. PLAN AND PROFILE
STA 102+00 TO STA 104+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



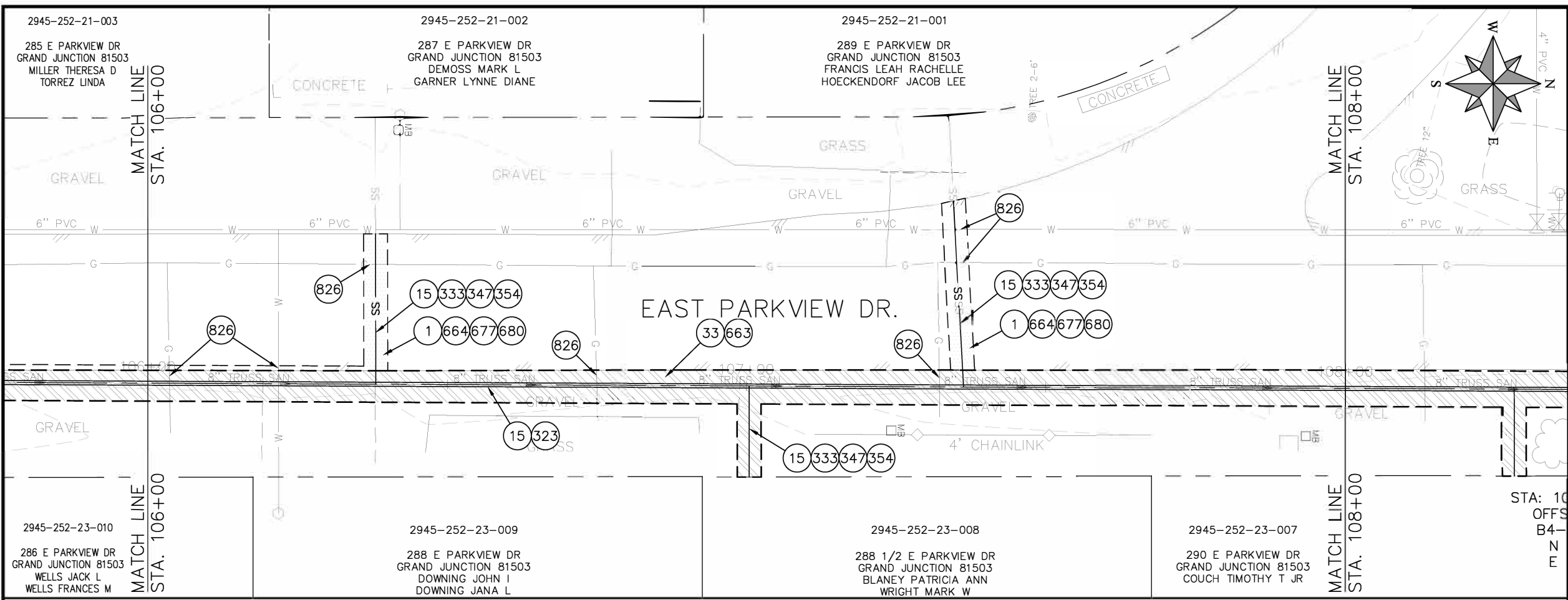
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REVISION Δ XXX		202X		4/2021
REVISION Δ XXX		202X		2021
REVISION Δ XXX		202X		2021

SCALE	DATE	DESIGNED BY	CHECKED BY	APPROVED BY
SCALE: PLAN & PROFILE	DATE	DJM	EM	KH
HORIZONTAL: 1" = 20'	DATE	DJM	EM	KH
VERTICAL: 1" = 5'	DATE	DJM	EM	KH

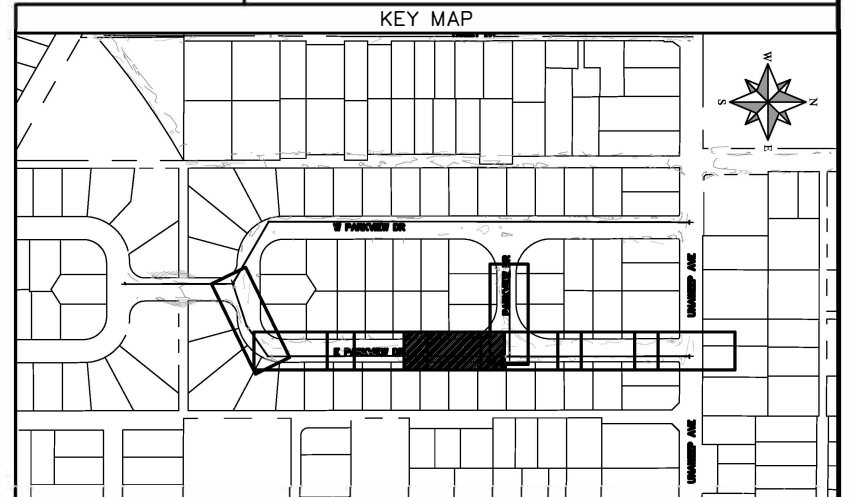
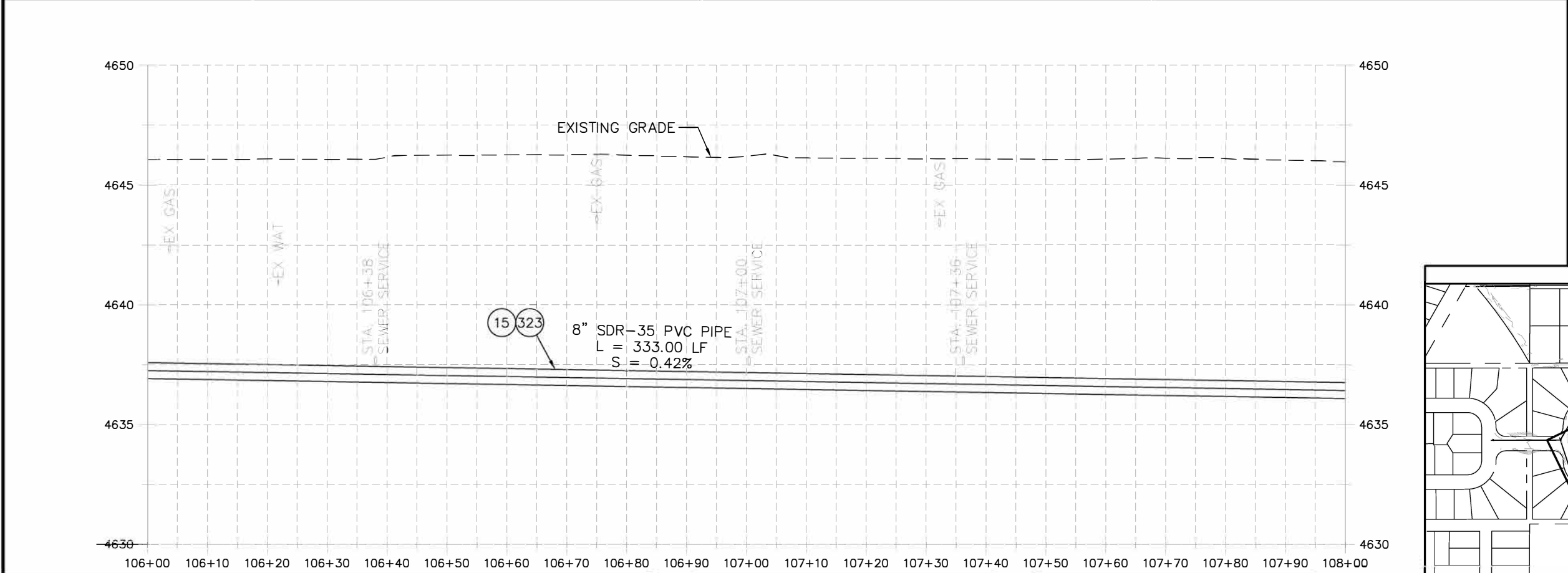


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
EAST PARKVIEW DR. PLAN AND PROFILE
STA 104+00 TO STA 106+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



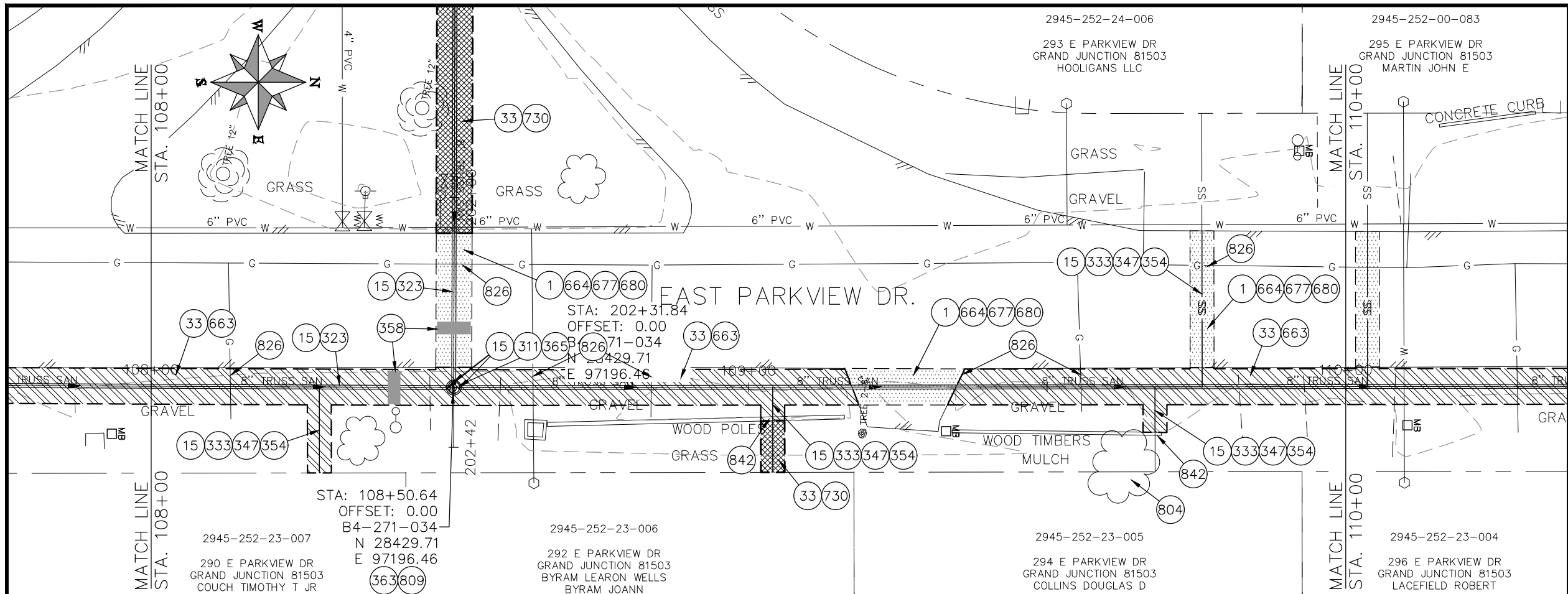
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REVISION Δ XXX		202X	---	4/2021
REVISION Δ XXX		202X	---	2021
REVISION Δ XXX		202X	---	2021

SCALE	DATE	BY
HORIZONTAL: 1" = 20'	04/2021	DJM
VERTICAL: 1" = 5'	4/2021	DJM
	2021	EM
	2021	KH

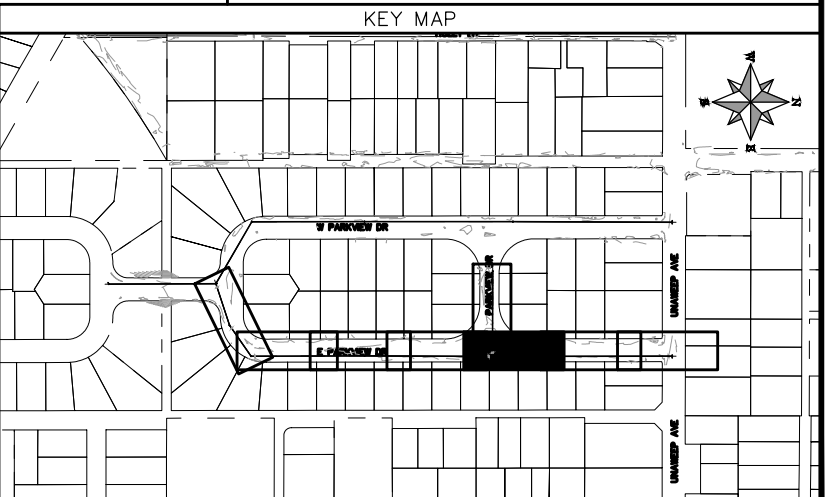
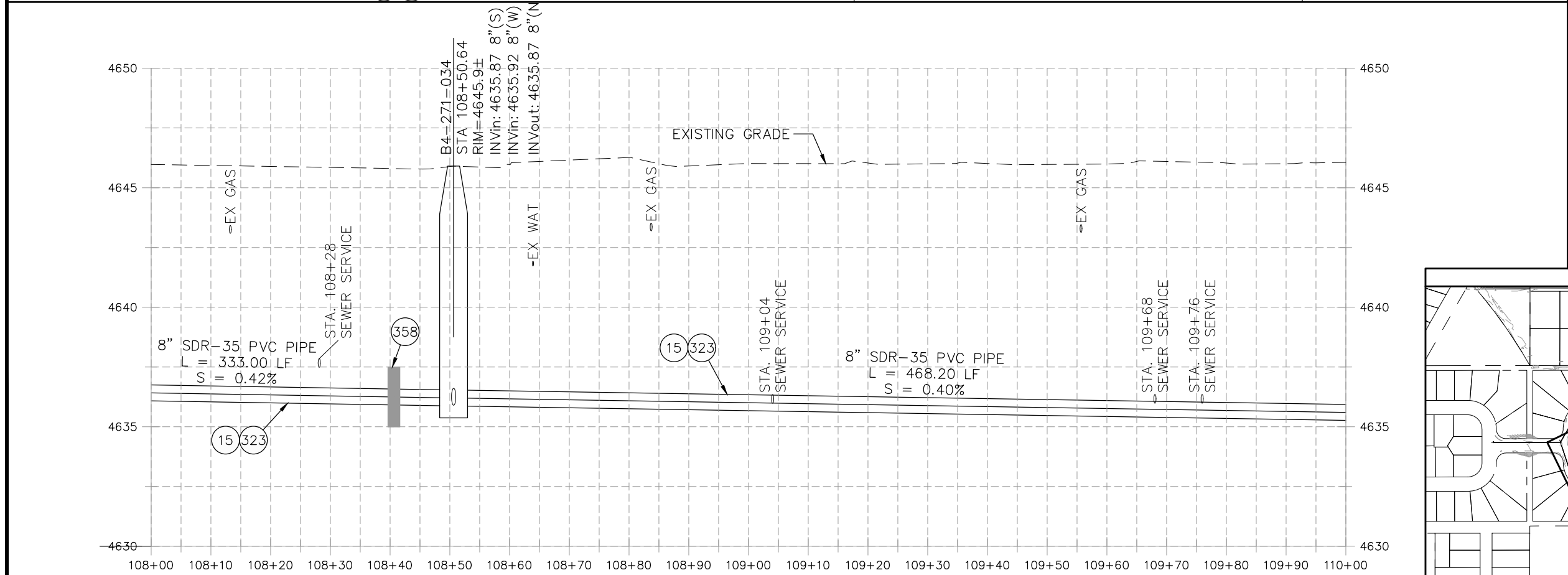


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
EAST PARKVIEW DR. PLAN AND PROFILE
STA 106+00 TO STA 108+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 730 212 - RESOD AREA AS SHOWN (INCLUDES 6" OF TOPSOIL PLACEMENT PRIOR TO SOD PLACEMENT)
 - 804 PROTECT SHRUB
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.
 - 842 RESET LANDSCAPE TIMBER



REVISION	DATE	DESCRIPTION
REVISION Δ XXX	202X	
REVISION Δ XXX	202X	
REVISION Δ XXX	202X	
REVISION Δ XXX	202X	

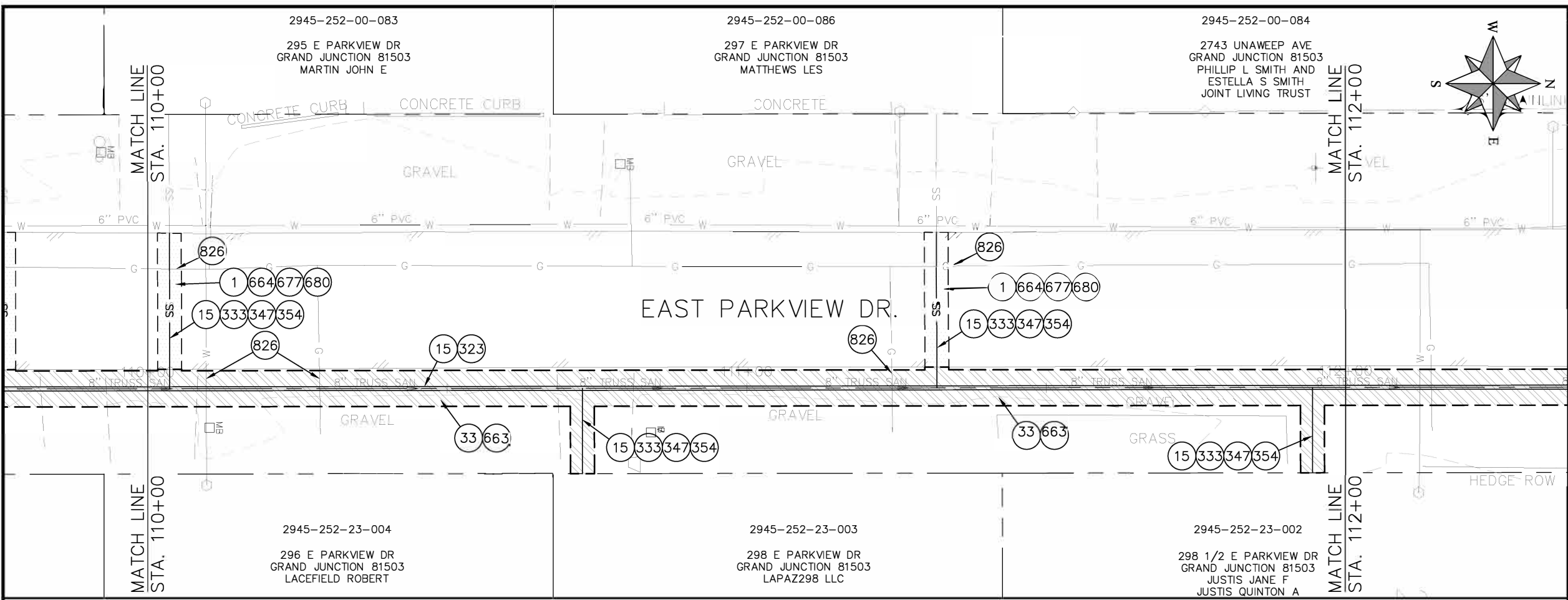
PROJECT NO.	DATE	DESIGNED BY	CHECKED BY	APPROVED BY
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----	4/2021	DJM		
----	2021			
----	2021			

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 5'

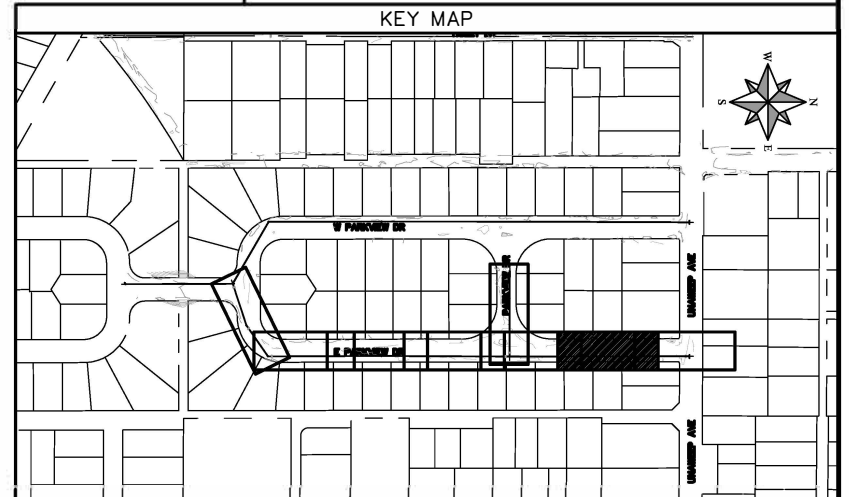
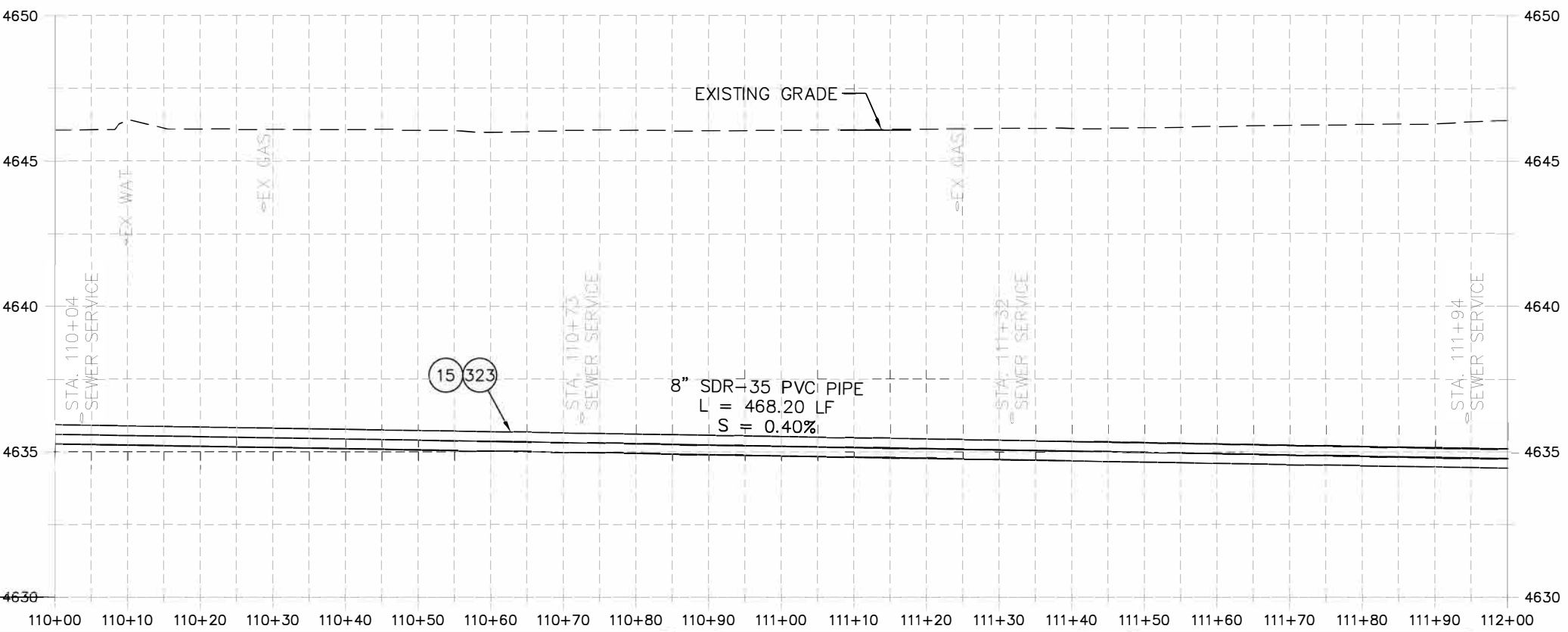
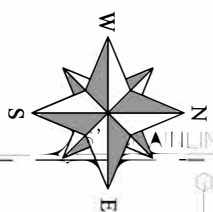


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
EAST PARKVIEW DR. PLAN AND PROFILE
STA 108+00 TO STA 110+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



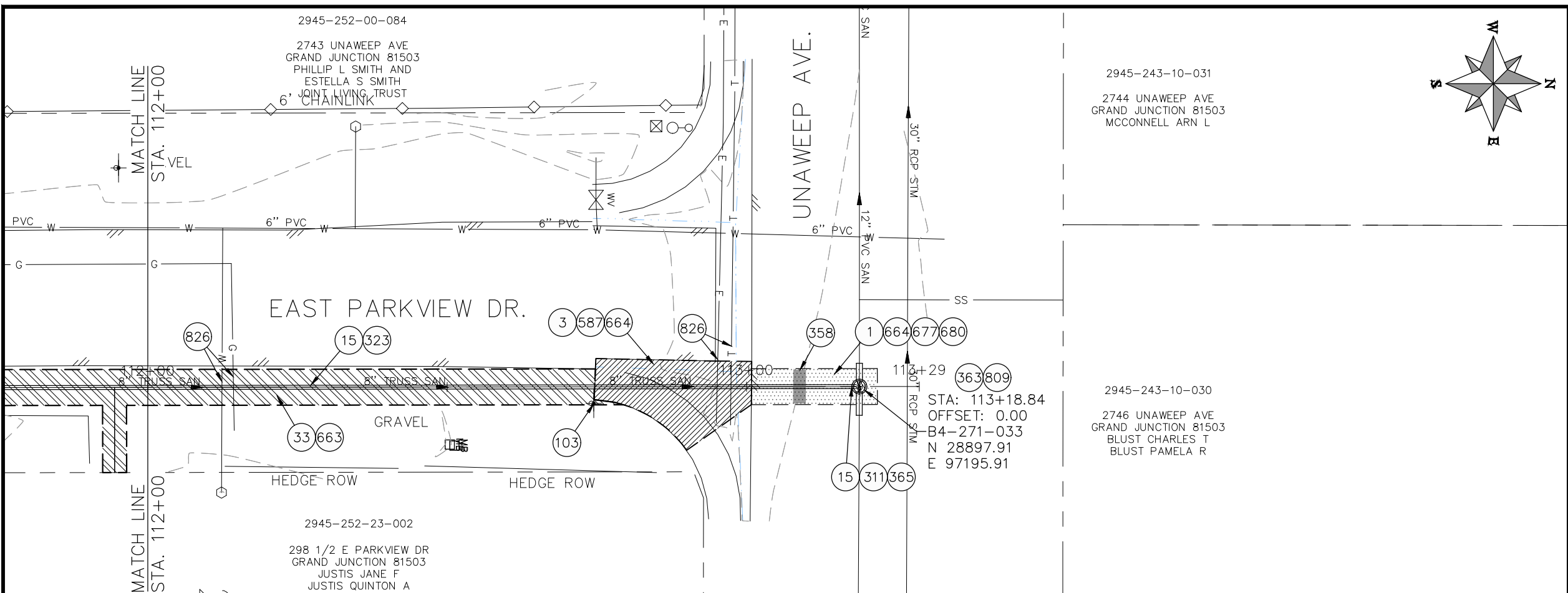
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202X	202X	202X	202X	4/2021
202X	202X	202X	202X	2021
202X	202X	202X	202X	2021

SCALE	DESCRIPTION
1" = 20'	HORIZONTAL
1" = 5'	VERTICAL

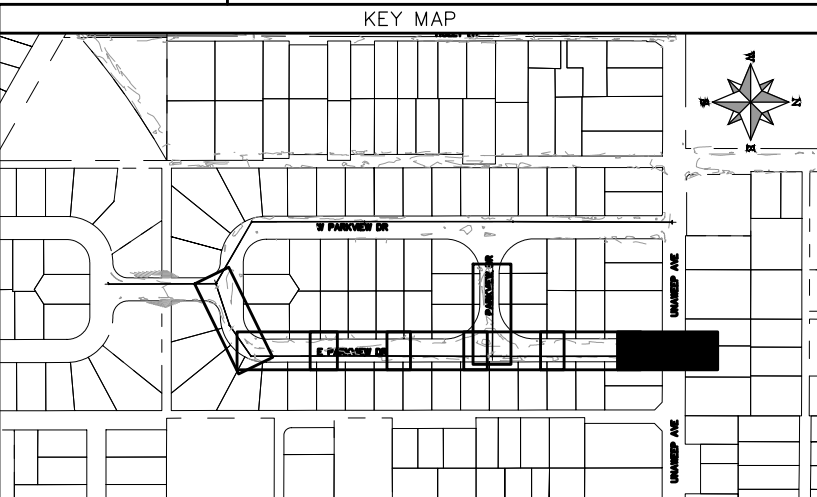
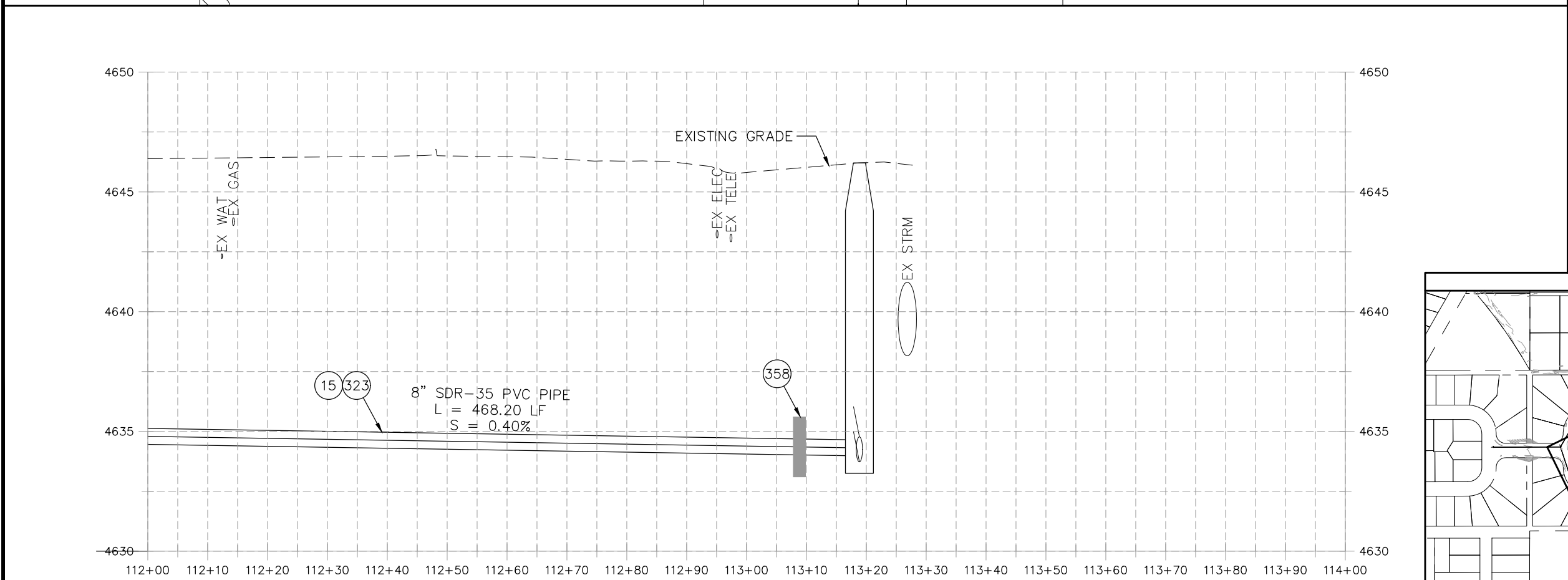
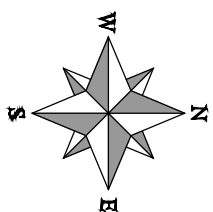


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
EAST PARKVIEW DR. PLAN AND PROFILE
STA 110+00 TO STA 112+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 103 210 - RESET SIGN.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 587 608.06 - CONCRETE INTERSECTION CORNER
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



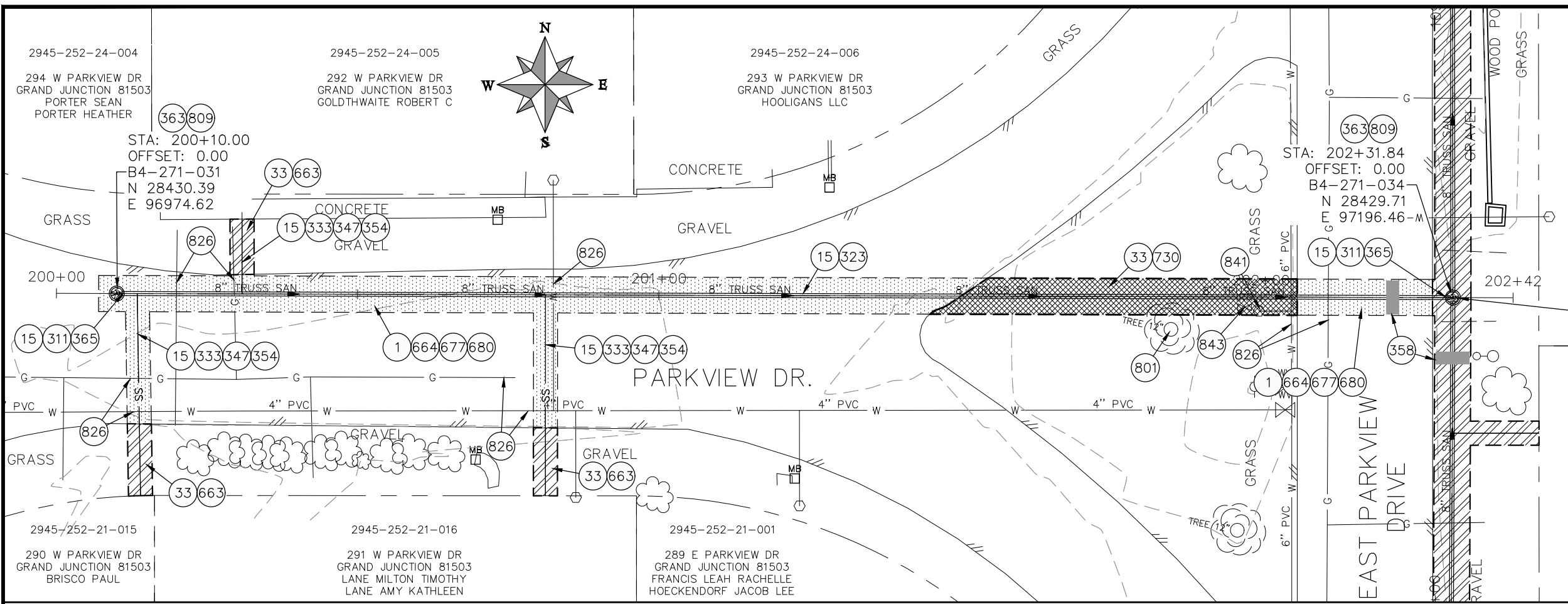
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REVISION Δ XXX		202X	----	4/2021
REVISION Δ XXX		202X	----	2021
REVISION Δ XXX		202X	----	2021

SCALE	DATE	BY	DATE
SCALE: PLAN & PROFILE	DATE	BY	DATE
HORIZONTAL: 1" = 20'	DATE	BY	DATE
VERTICAL: 1" = 5'	DATE	BY	DATE

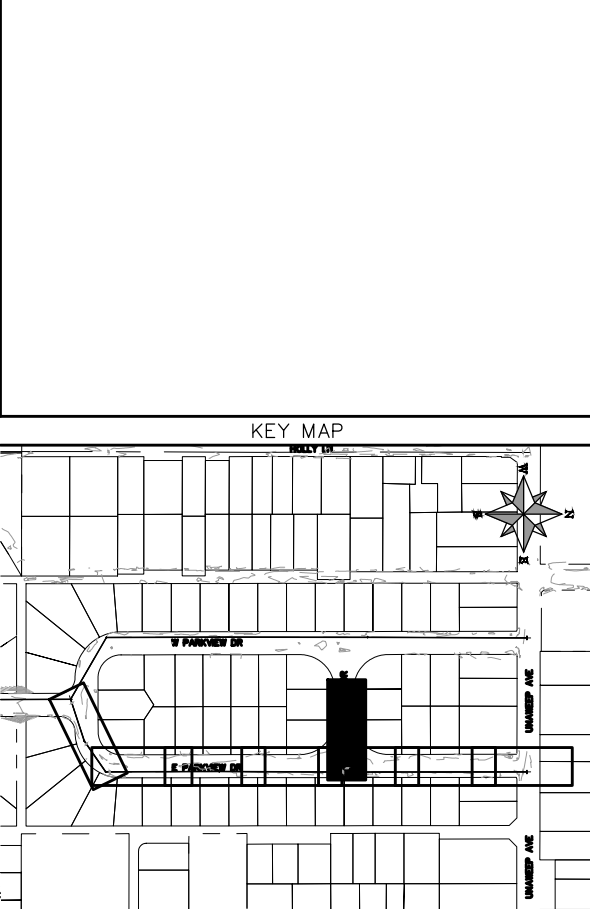
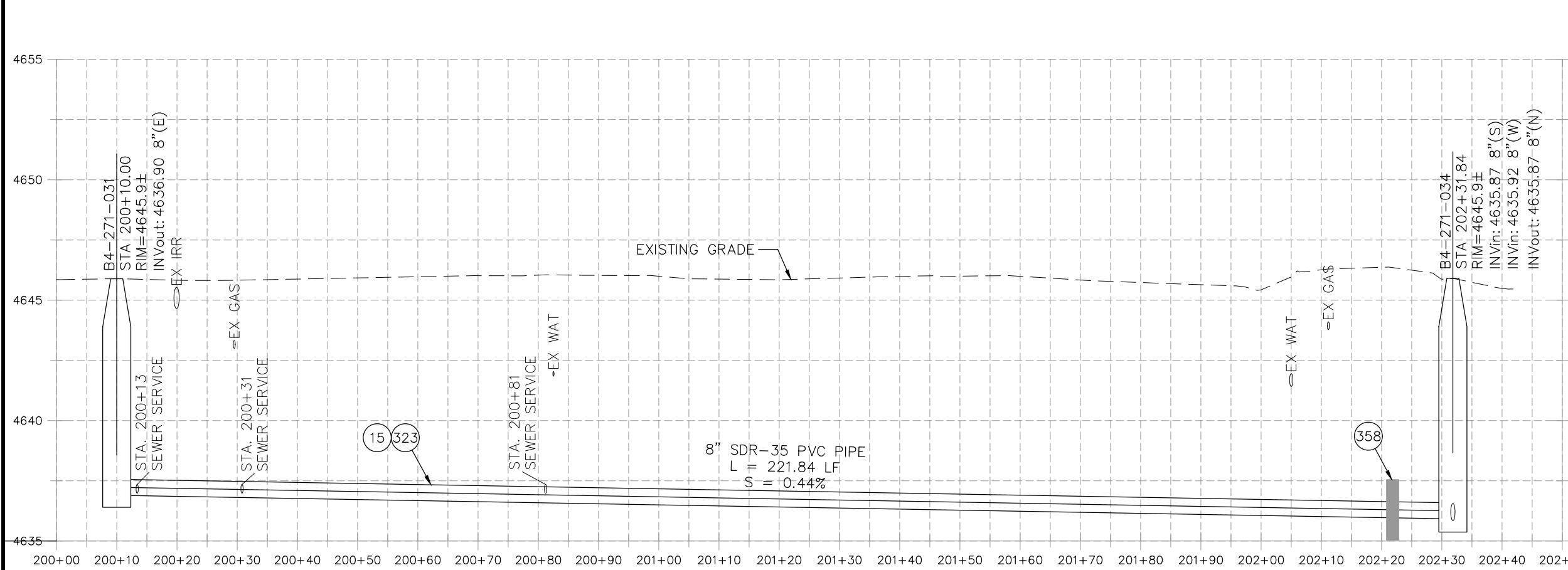


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
EAST PARKVIEW DR. PLAN AND PROFILE
STA 112+00 TO STA 114+00**



- ### CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 730 212 - RESOD AREA AS SHOWN (INCLUDES 6" OF TOPSOIL PLACEMENT PRIOR TO SOD PLACEMENT)
 - 801 PROTECT TREE
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.
 - 841 RESET WATER METER (BY OTHERS)
 - 843 RESET IRRIGATION



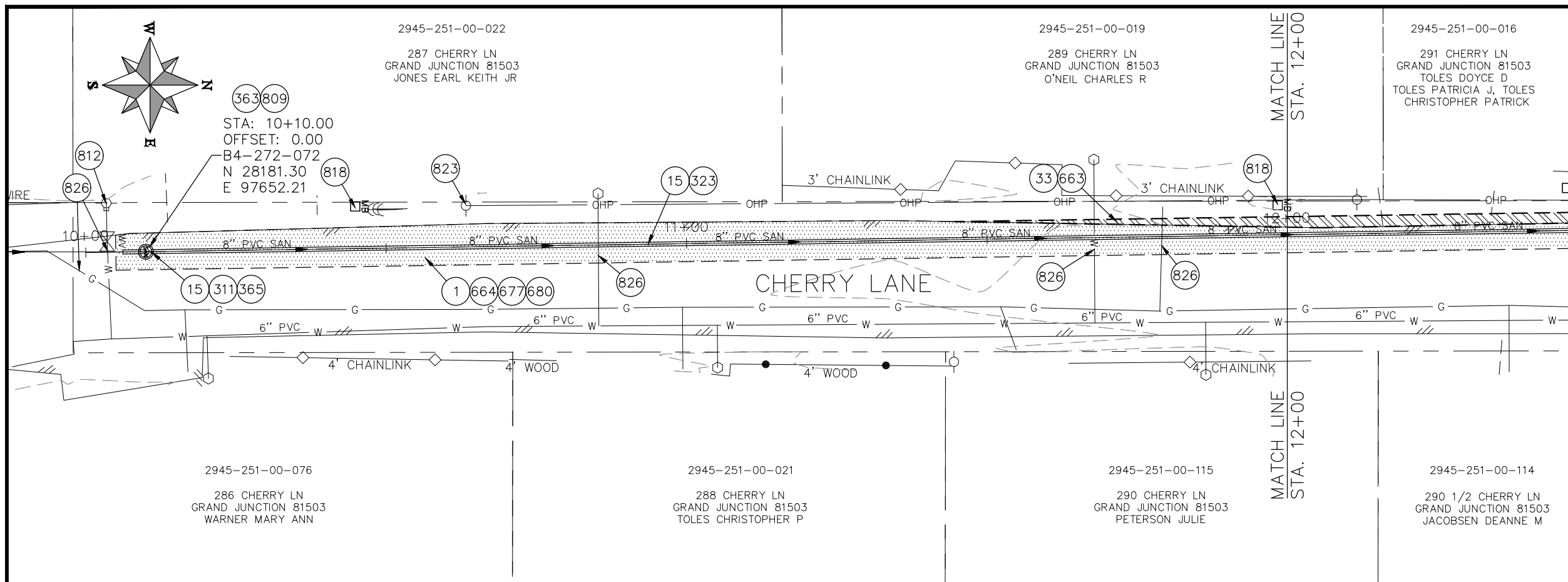
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REVISION Δ XXX		202X		4/2021
REVISION Δ XXX		202X		2021
REVISION Δ XXX		202X		2021

SCALE	DATE
HORIZONTAL: 1" = 20'	04/2021
VERTICAL: 1" = 5'	4/2021

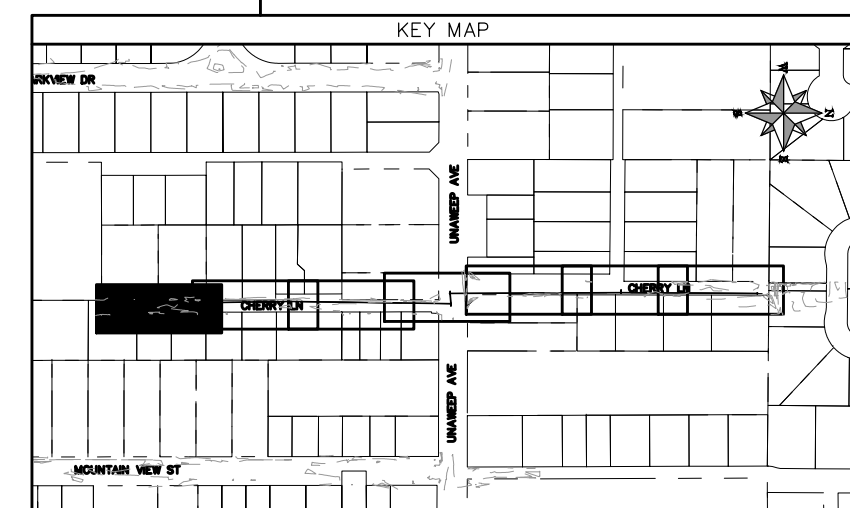
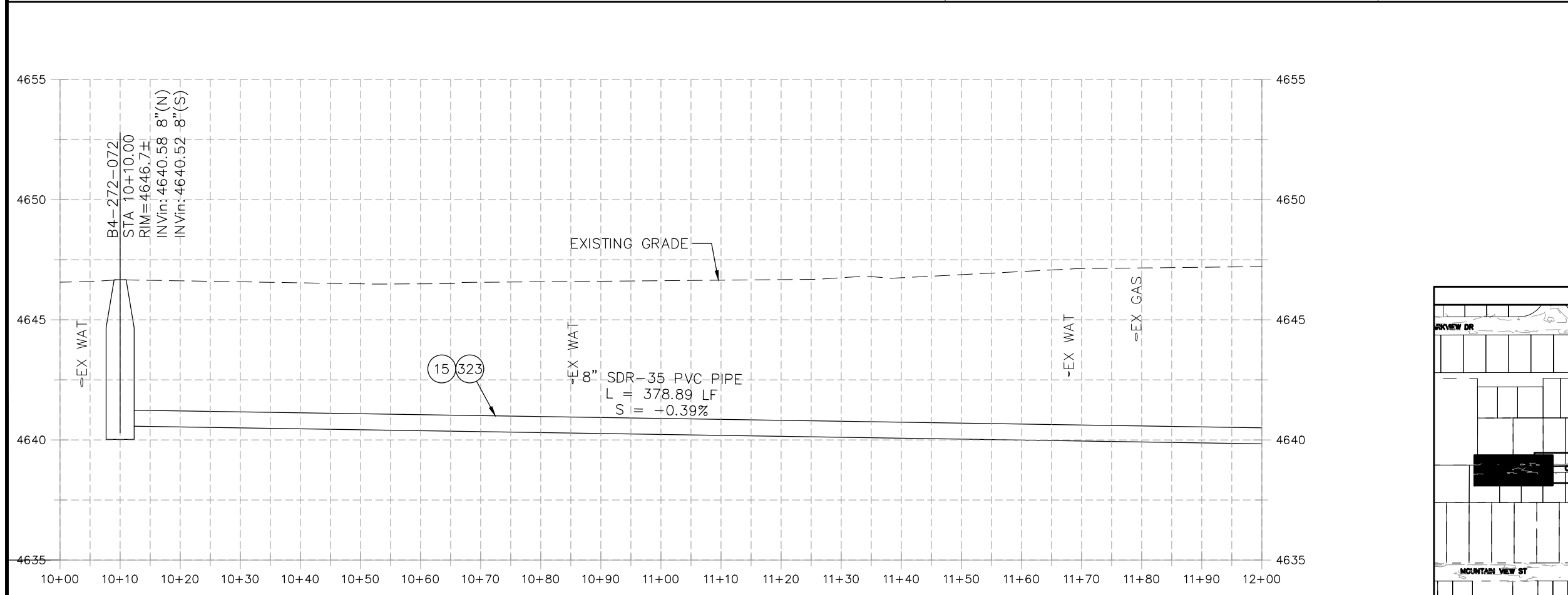


PUBLIC WORKS
ENGINEERING DIVISION

2022 SEWER LINE REPLACEMENT - PARSES 2-4
PARKVIEW DR. PLAN AND PROFILE
STA 200+00 TO STA 202+50



- CONSTRUCTION NOTES**
- ① 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 812 PROTECT FIRE HYDRANT
 - 818 PROTECT MAILBOX.
 - 823 PROTECT UTILITY POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
REVISION Δ XXX		202X	DRAWN BY DJM	DATE 04/2021
REVISION Δ XXX		202X	DESIGNED BY DJM	DATE 4/2021
REVISION Δ XXX		202X	CHECKED BY EM	DATE 2021
REVISION Δ XXX		202X	APPROVED BY KH	DATE 2021

SCALES: PLAN & PROFILE

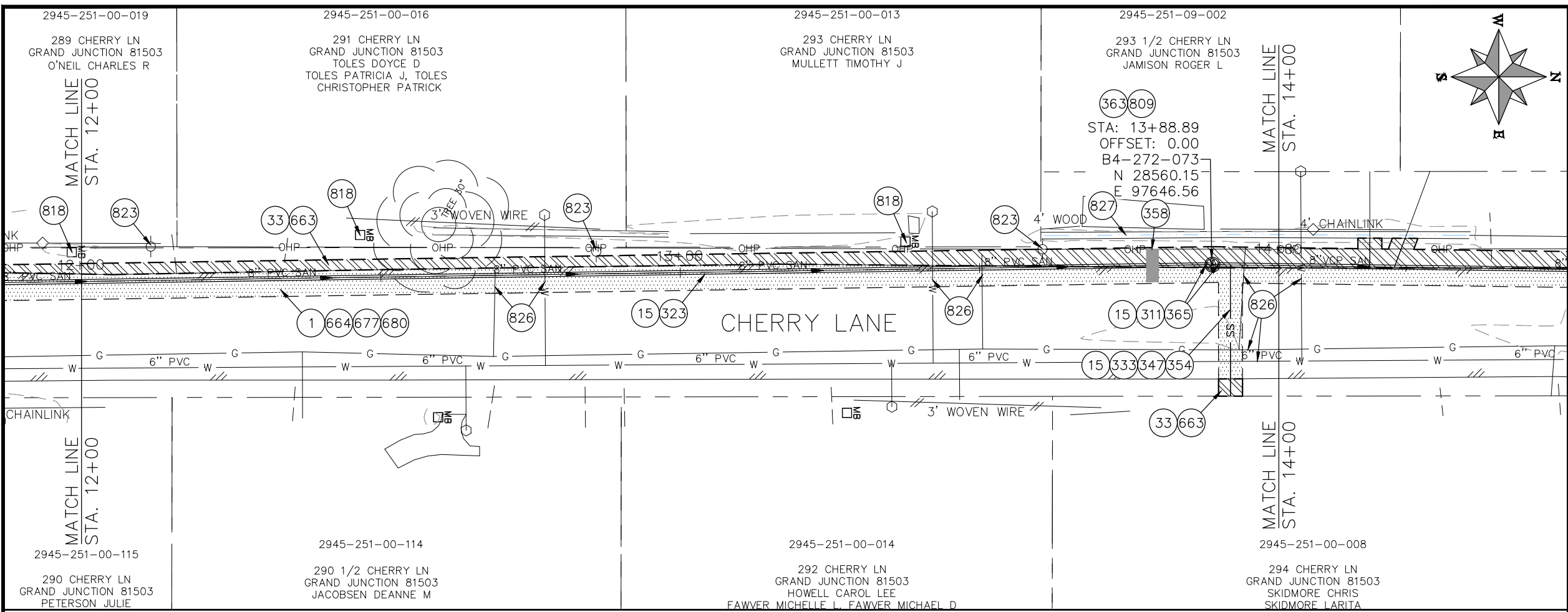
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VERTICAL: 1" = 5'

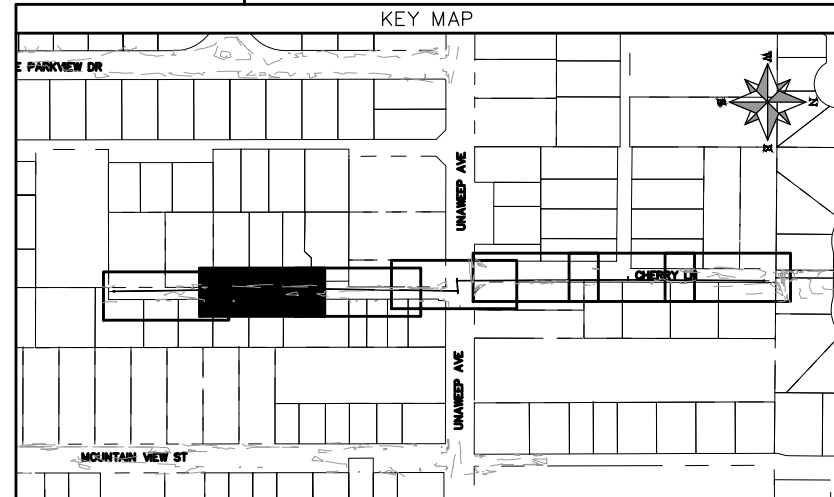
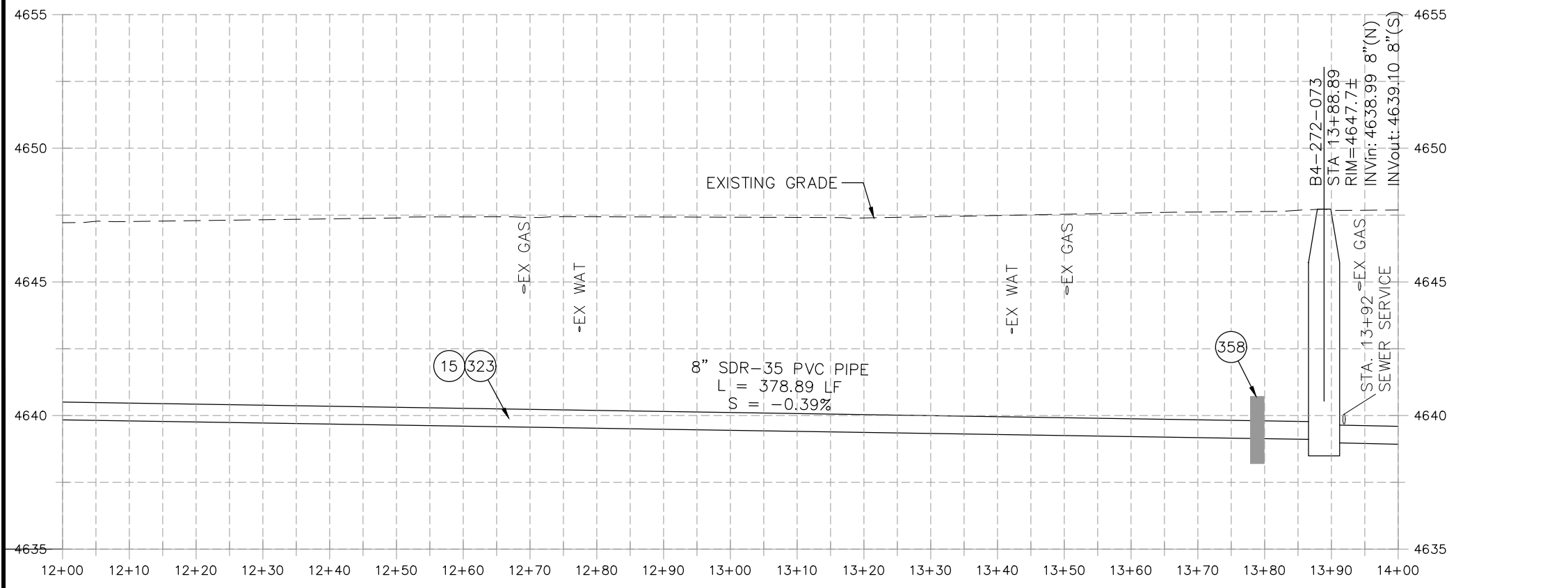


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER REPLACEMENT - PARSES 2-4
CHERRY ST PLAN AND PROFILE
STA 10+00 TO STA 12+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 818 PROTECT MAILBOX.
 - 823 PROTECT UTILITY POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.
 - 827 PROTECT IRRIGATION DITCH



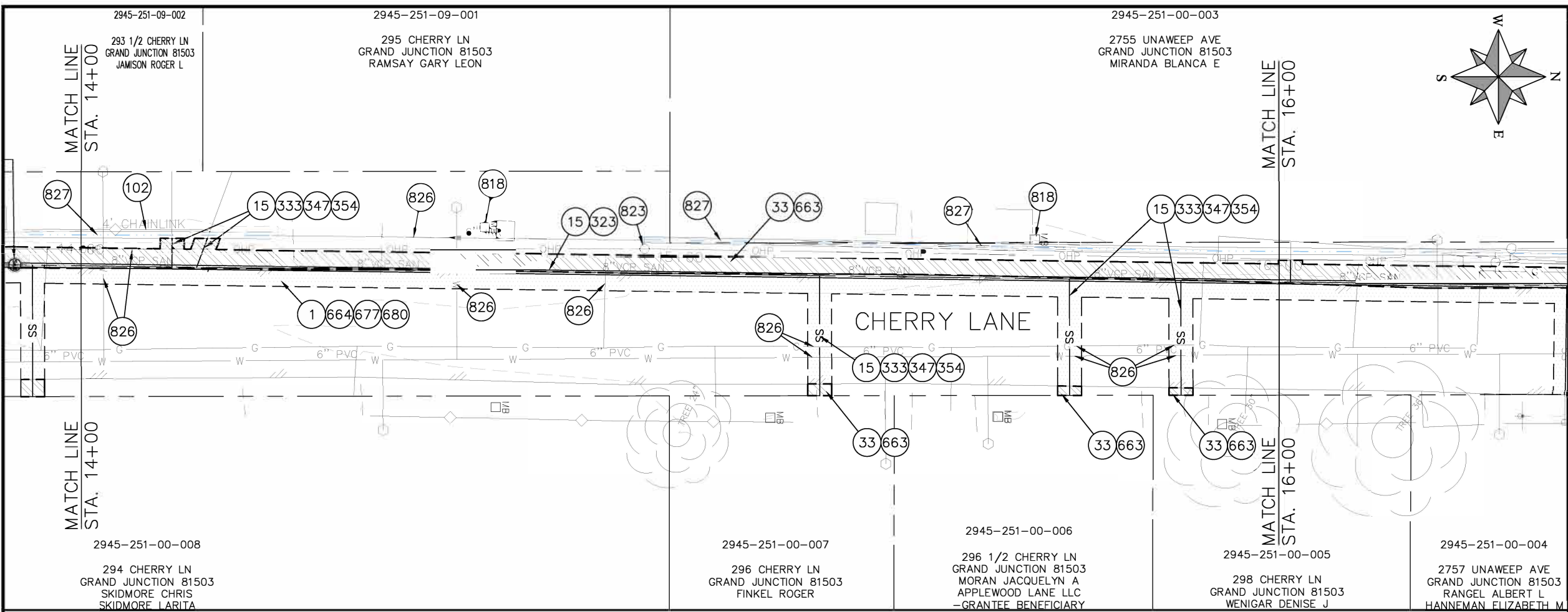
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REVISION Δ XXX		202X		4/2021
REVISION Δ XXX		202X		2021
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SCALE	DATE	DESIGNED BY	CHECKED BY	APPROVED BY
SCALE: PLAN & PROFILE		DJM	EM	KH

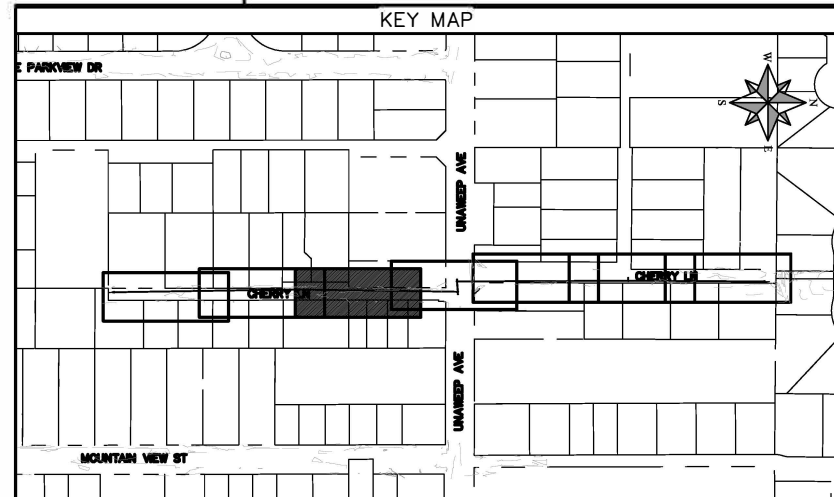
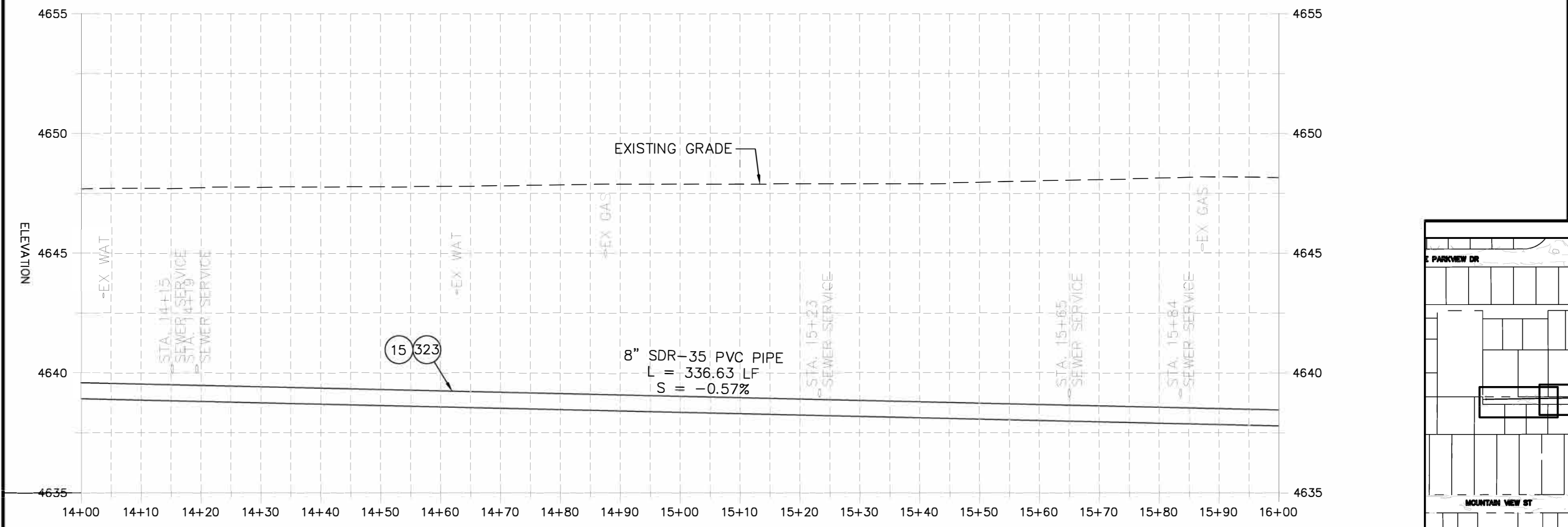
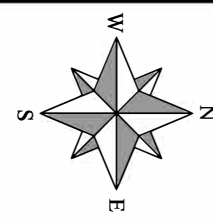


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER REPLACEMENT - PARSES 2-4
CHERRY LANE PLAN AND PROFILE
STA 12+00 TO STA 14+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 102 210 - RESET FENCE. (HEIGHT AND MATERIAL AS SHOW ON PLAN)
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 818 PROTECT MAILBOX.
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.
 - 827 PROTECT IRRIGATION DITCH

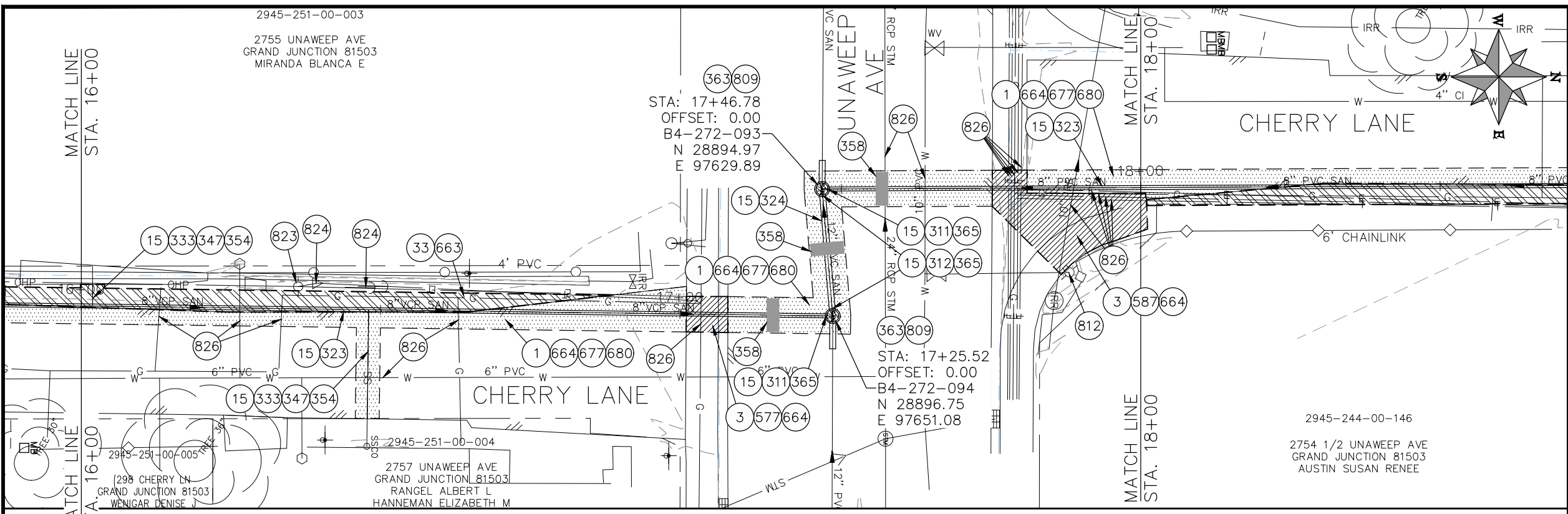


REVISION	DESCRIPTION	DATE	PROJECT NO.	SCALE: PLAN & PROFILE
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REVISION Δ XXX	202X	DESIGNED BY DJM	DATE 4/2021	0 5 10 20
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REVISION Δ XXX	202X	APPROVED BY KH	DATE 2021	0 1.25 2.5 5

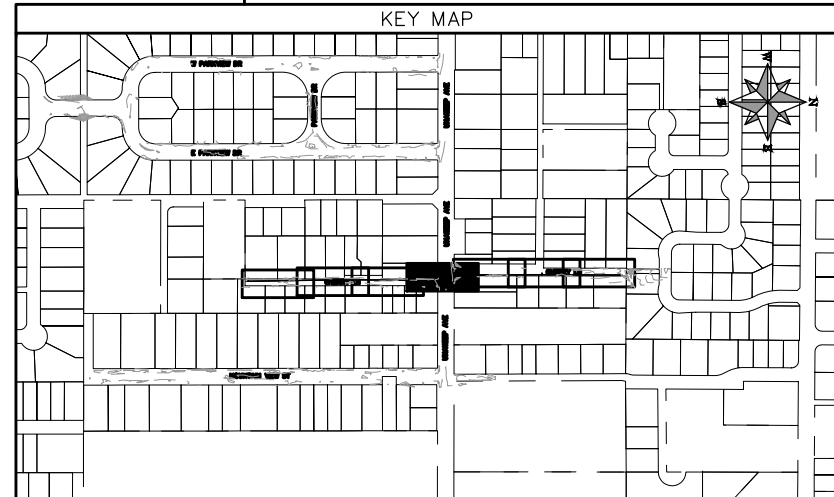
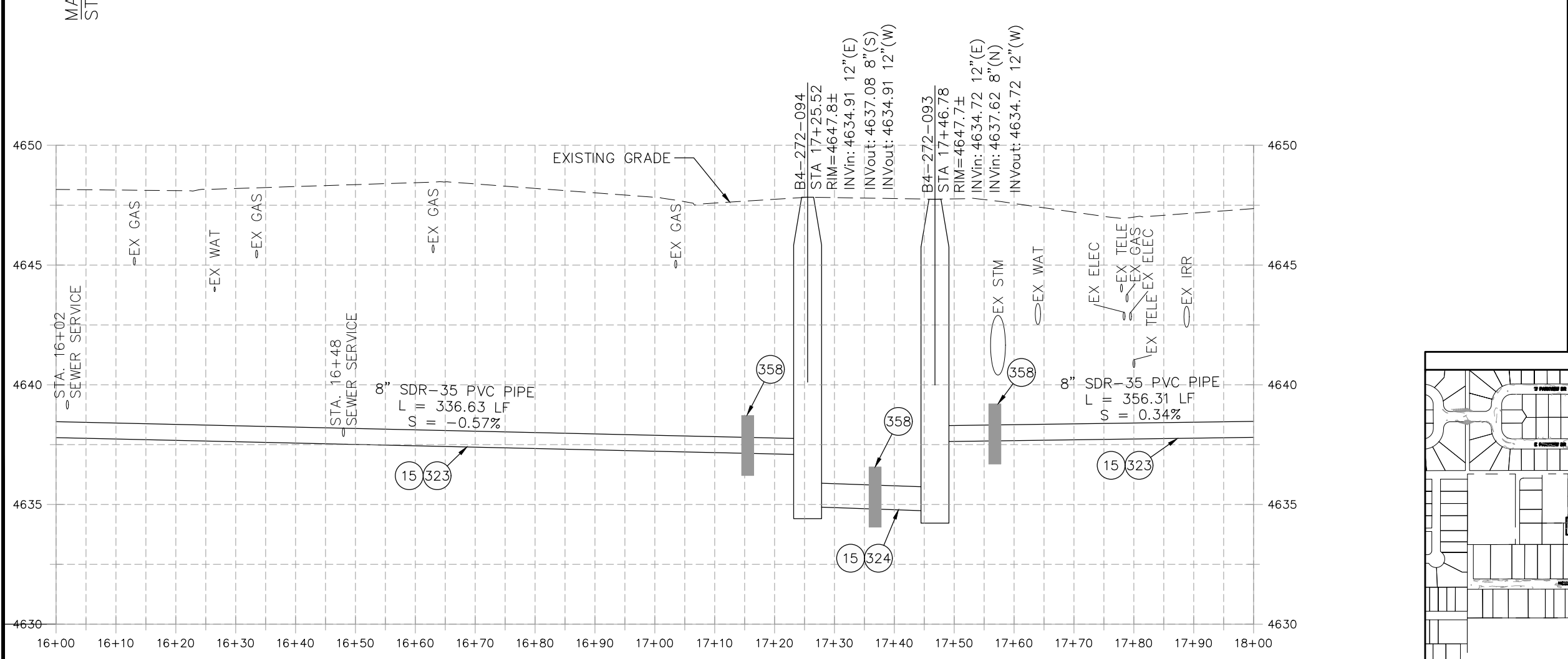


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER REPLACEMENT - PARSES 2-4
CHERRY LANE PLAN AND PROFILE
STA 14+00 TO STA 16+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 312 102.11/108.5 - CONNECT TO EXISTING MANHOLE (12" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 324 102.9/108.2 - 12" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 577 608.06 - CONCRETE DRIVEWAY SECTION AND GUTTER (8" THICK) (COMMERCIAL)
 - 587 608.06 - CONCRETE INTERSECTION CORNER
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 812 PROTECT FIRE HYDRANT
 - 823 PROTECT UTILITY POLE
 - 824 PROTECT UTILITY PEDESTAL
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



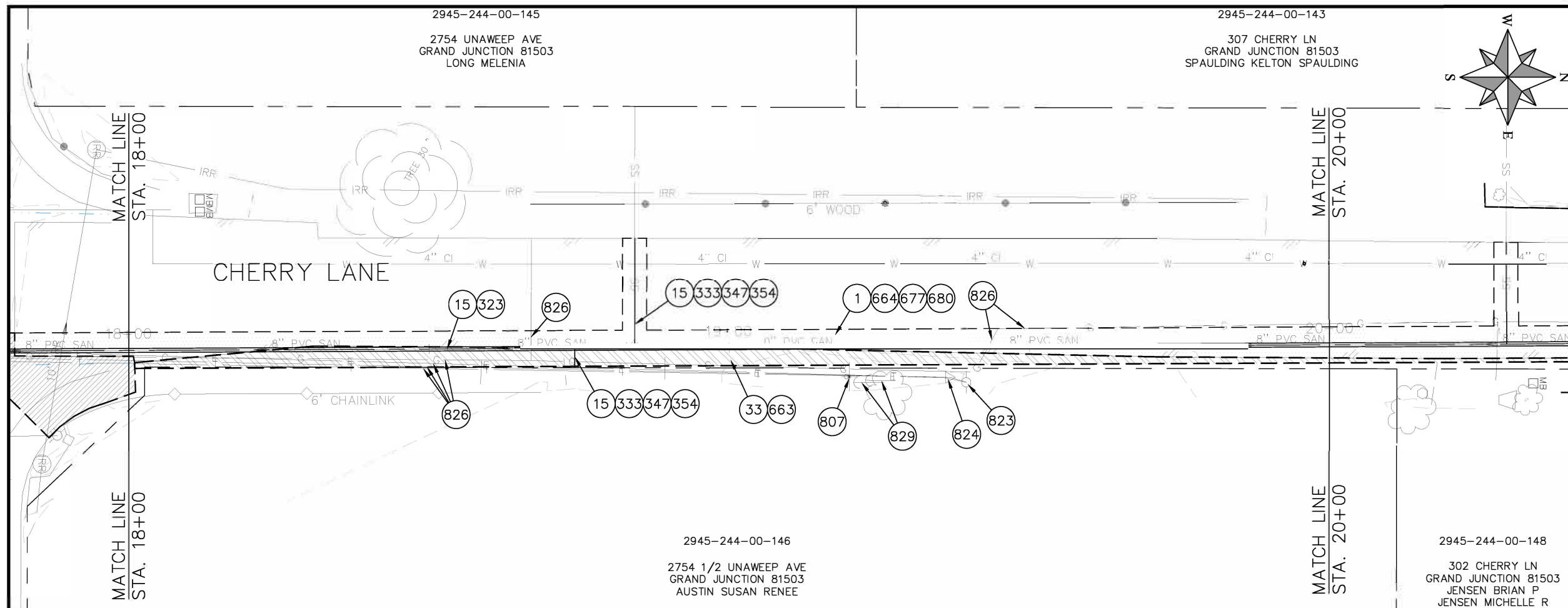
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REVISION Δ XXX		202X	----	04/2021
REVISION Δ XXX		202X		4/2021
REVISION Δ XXX		202X		2021
REVISION Δ XXX		202X		2021

SCALE	DATE	BY
SCALE: PLAN & PROFILE	DATE	BY
HORIZONTAL: 1" = 20'		
VERTICAL: 1" = 5'		

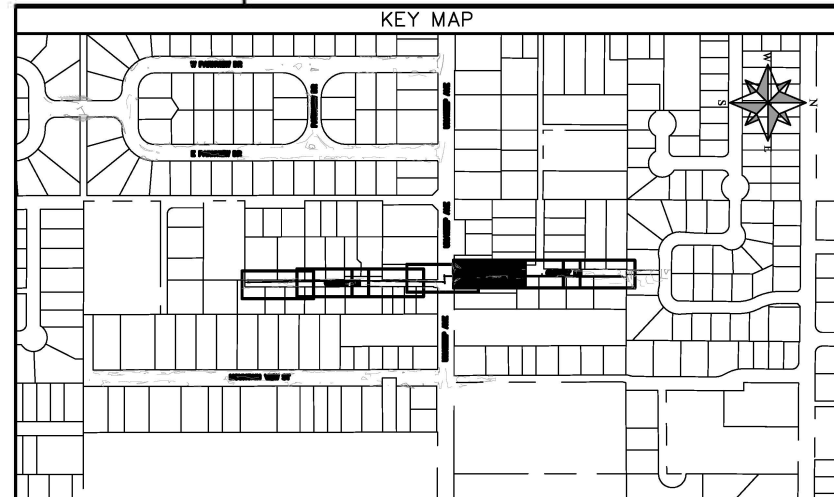
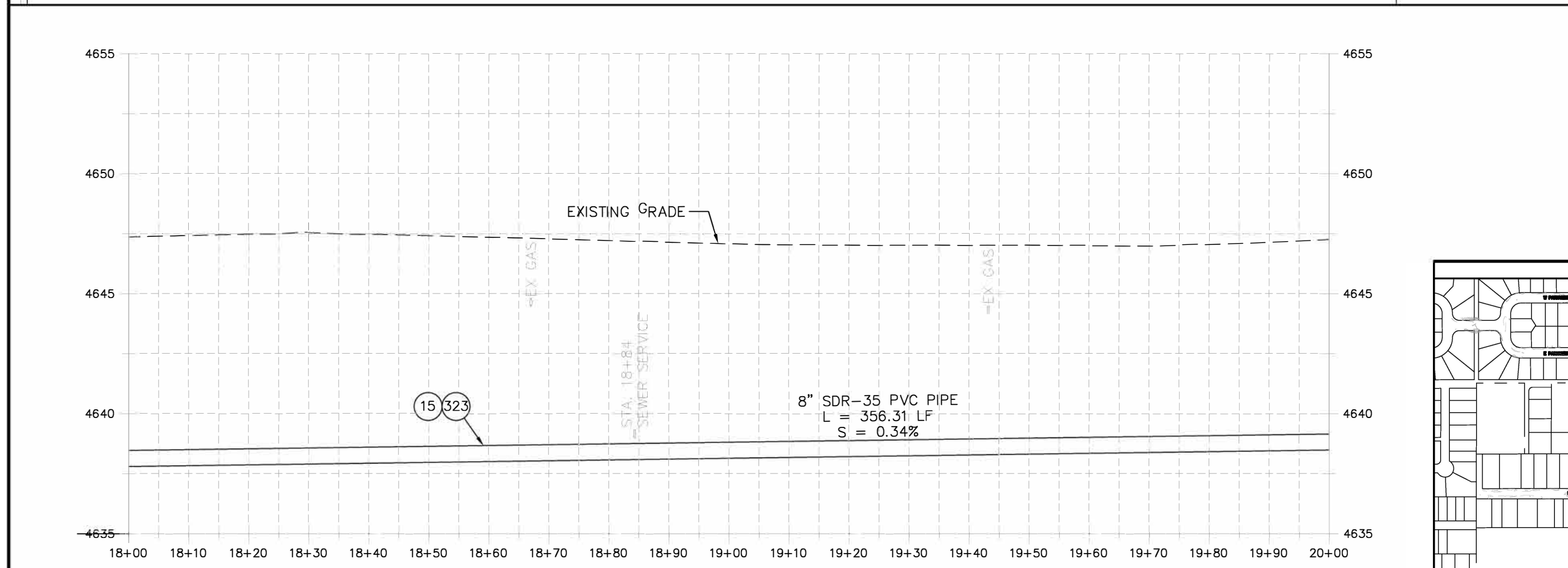


**PUBLIC WORKS
ENGINEERING DIVISION**

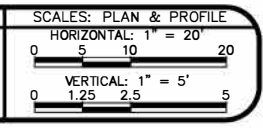
**2022 SEWER REPLACEMENT - PARSES 2-4
CHERRY LANE PLAN AND PROFILE
STA 16+00 TO STA 18+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 807 PROTECT SIGN
 - 823 PROTECT UTILITY POLE
 - 824 PROTECT UTILITY PEDESTAL
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.
 - 829 PROTECT GUY WIRE

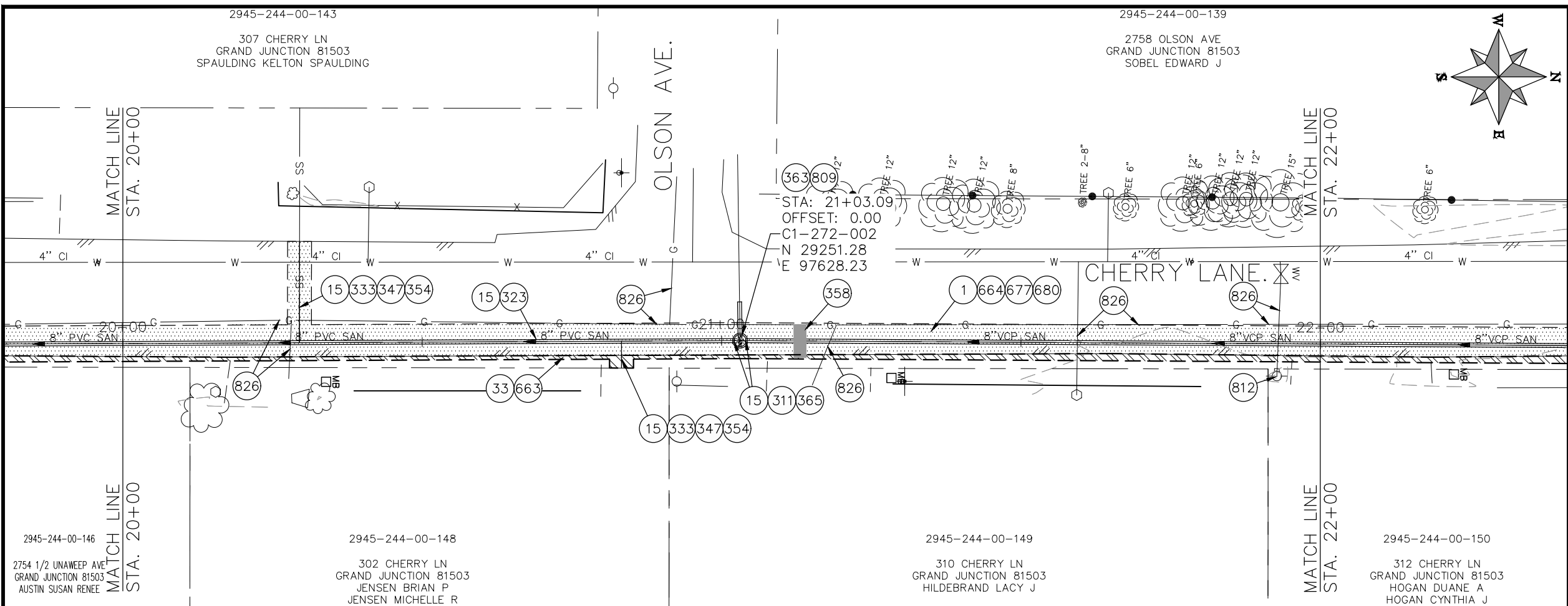


REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
REVISION Δ XXX		202X	DRAWN BY DJM	DATE 04/2021
REVISION Δ XXX		202X	DESIGNED BY DJM	DATE 4/2021
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REVISION Δ XXX		202X	APPROVED BY KH	DATE 2021

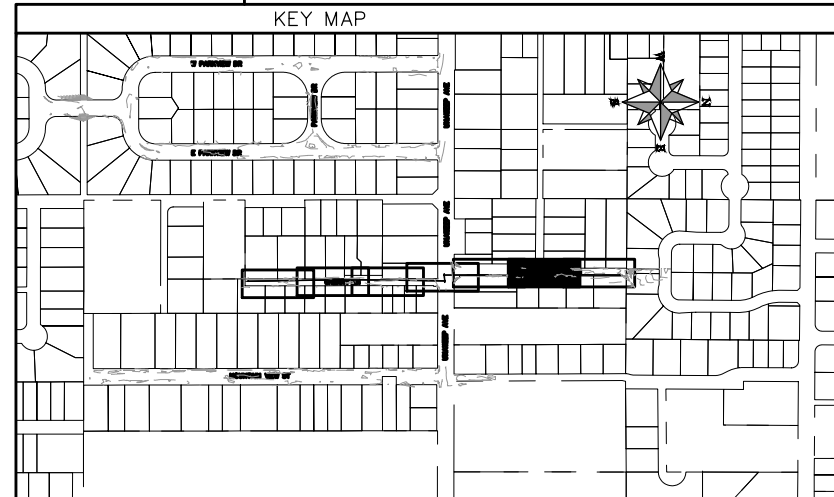
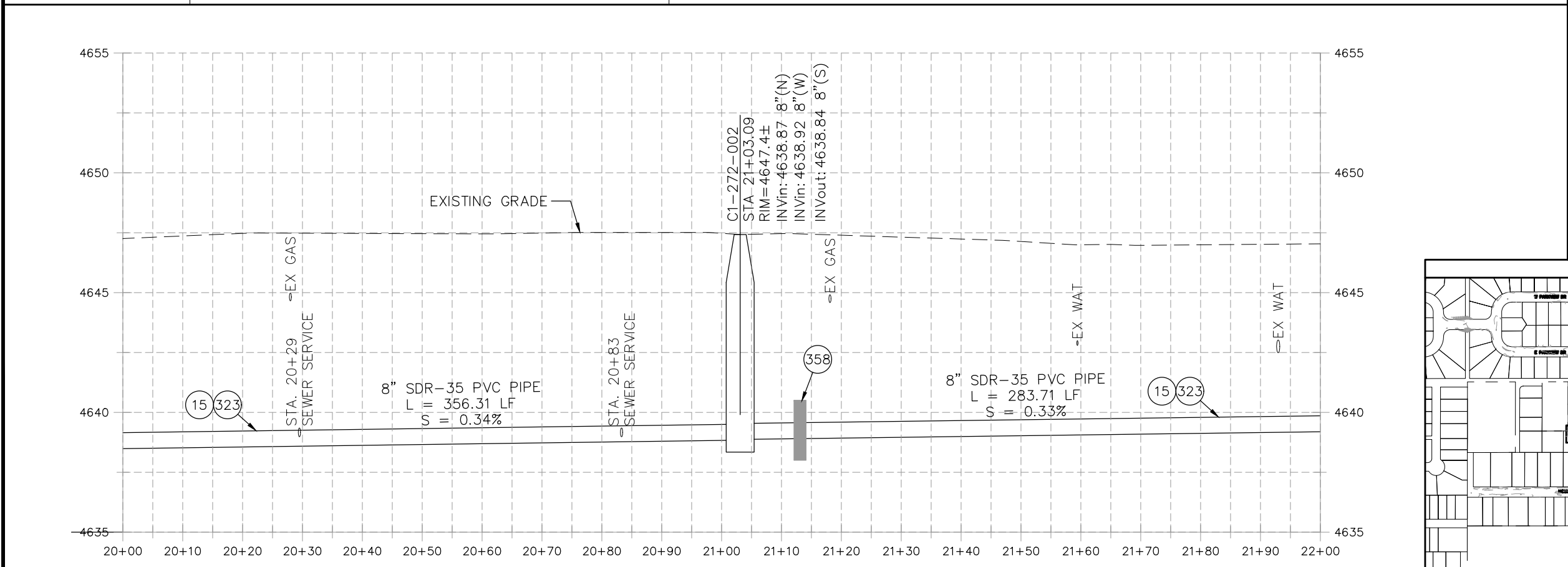


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER REPLACEMENT - PARSES 2-4
CHERRY LANE PLAN AND PROFILE
STA 18+00 TO STA 20+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 812 PROTECT FIRE HYDRANT
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



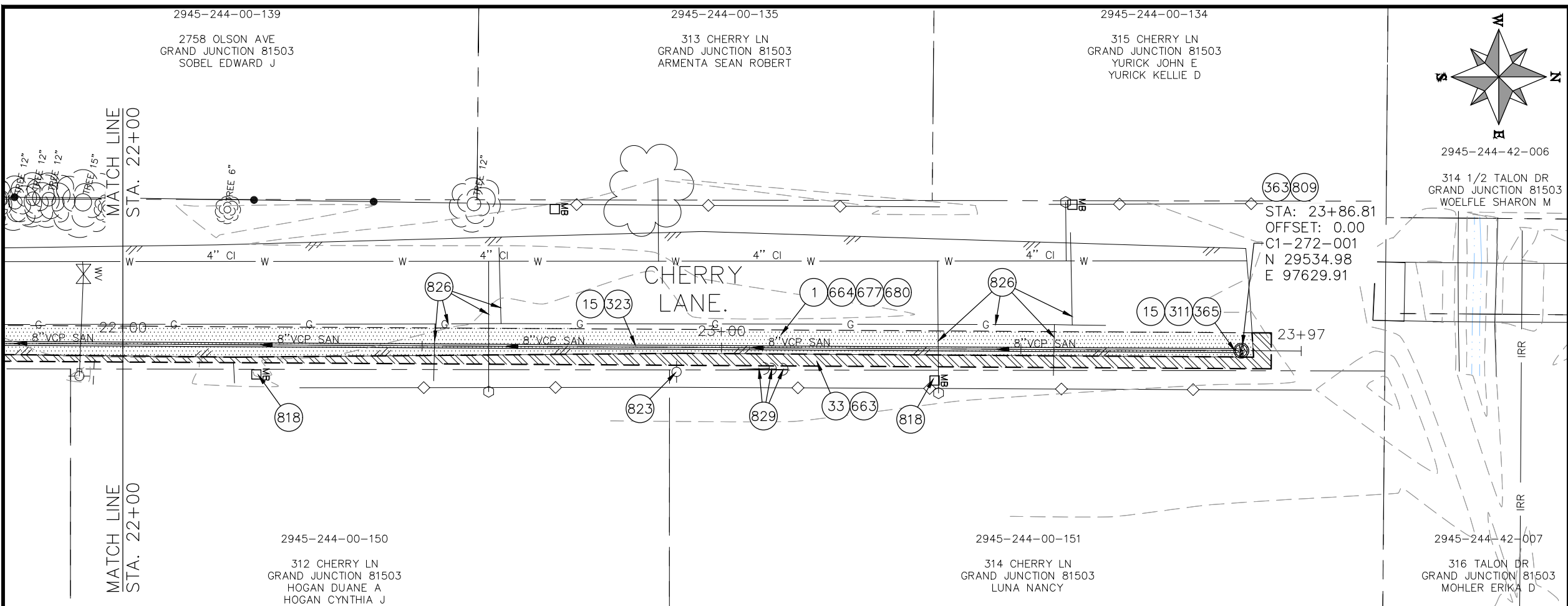
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REVISION Δ XXX		202X	----	04/2021
REVISION Δ XXX		202X		4/2021
REVISION Δ XXX		202X		2021
REVISION Δ XXX		202X		2021

SCALES: PLAN & PROFILE	
HORIZONTAL: 1" = 20'	0 5 10 20
VERTICAL: 1" = 5'	0 1.25 2.5 5

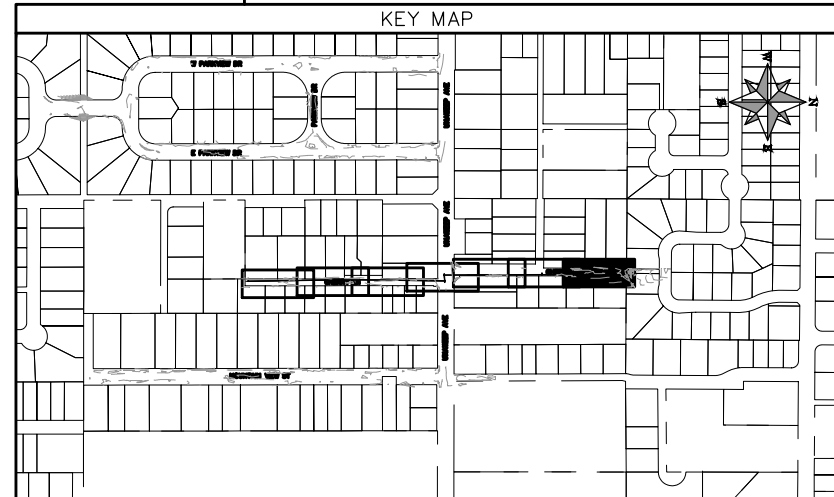
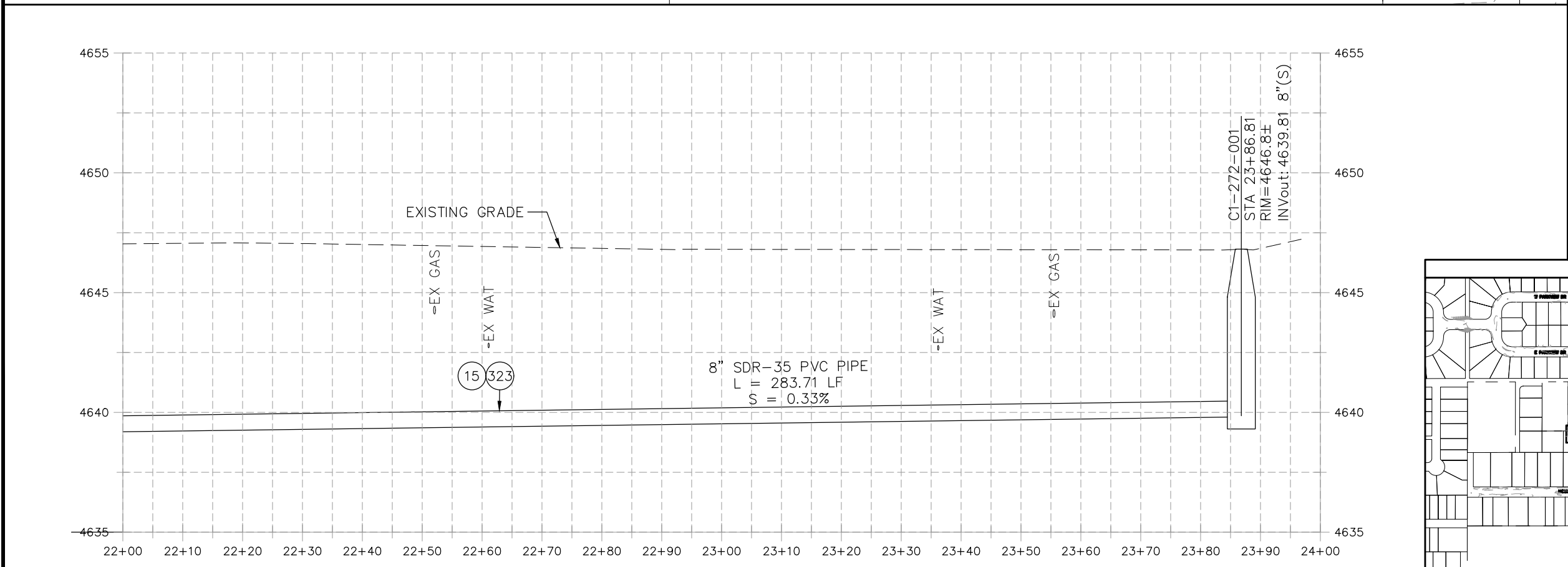


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER REPLACEMENT - PARSES 2-4
CHERRY LANE PLAN AND PROFILE
STA 20+00 TO STA 22+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 818 PROTECT MAILBOX.
 - 823 PROTECT UTILITY POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.
 - 829 PROTECT GUY WIRE



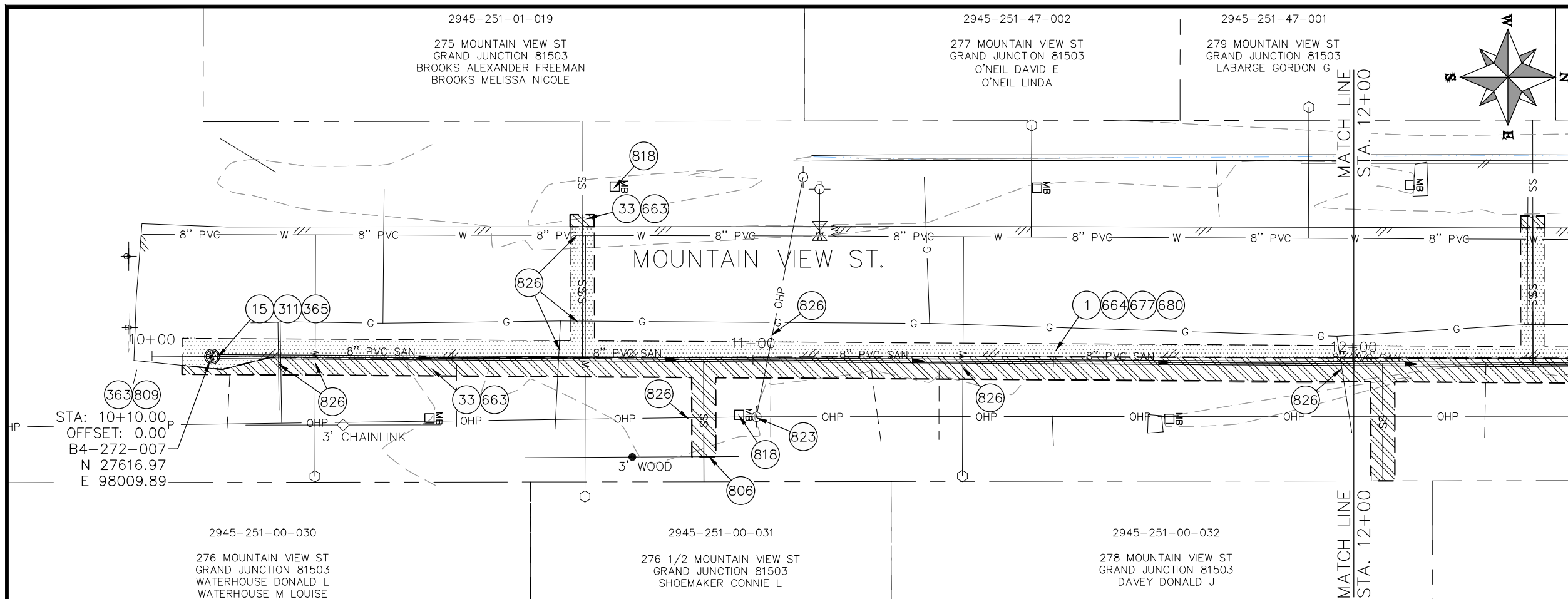
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REVISION Δ XXX		202X		4/2021
REVISION Δ XXX		202X		2021
REVISION Δ XXX		202X		2021

SCALE	DATE	DATE
SCALE: PLAN & PROFILE	DRAWN BY DJM	DATE 04/2021
HORIZONTAL: 1" = 20'	DESIGNED BY DJM	DATE 4/2021
VERTICAL: 1" = 5'	CHECKED BY EM	DATE 2021
	APPROVED BY KH	DATE 2021

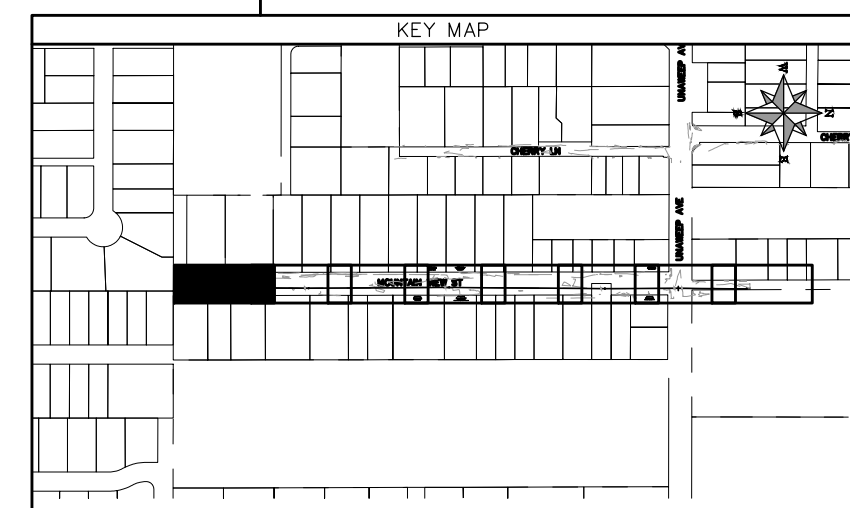
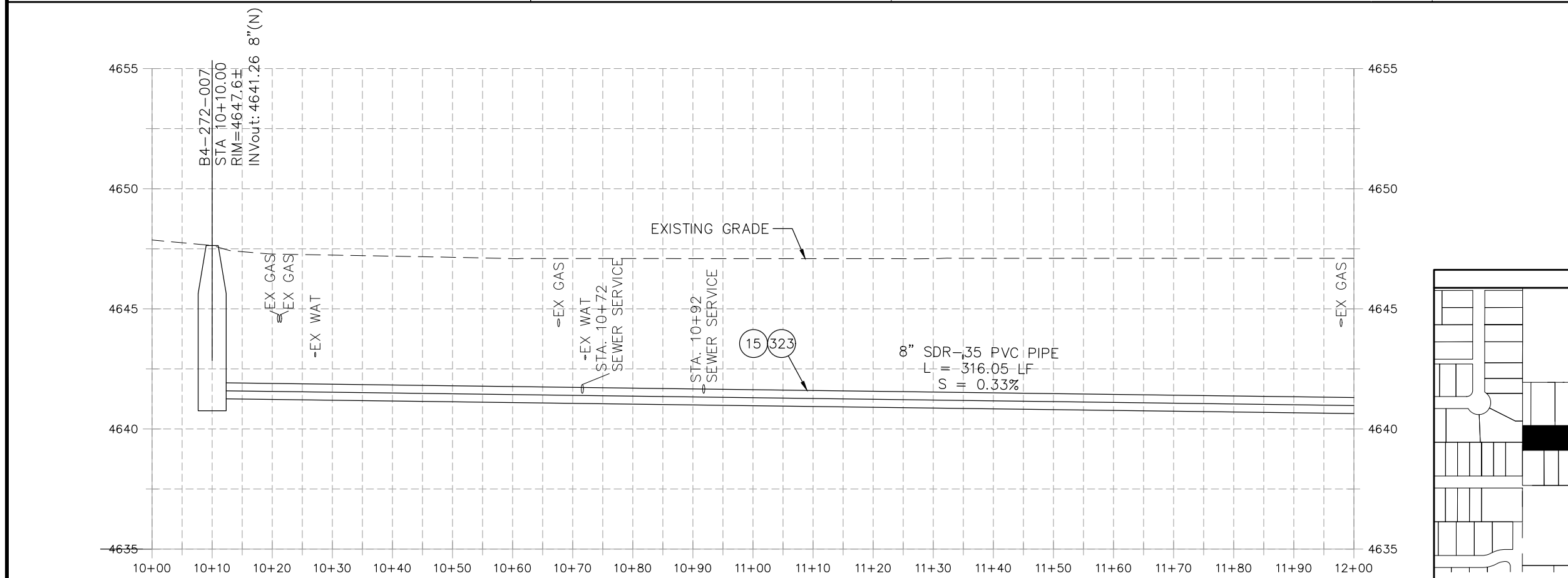


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER REPLACEMENT - PARSES 2-4
CHERRY LANE PLAN AND PROFILE
STA 22+00 TO STA 24+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 102 210 - RESET FENCE. (HEIGHT AND MATERIAL AS SHOW ON PLAN)
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 806 PROTECT FENCE
 - 809 PROTECT MANHOLE
 - 818 PROTECT MAILBOX.
 - 823 PROTECT UTILITY POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



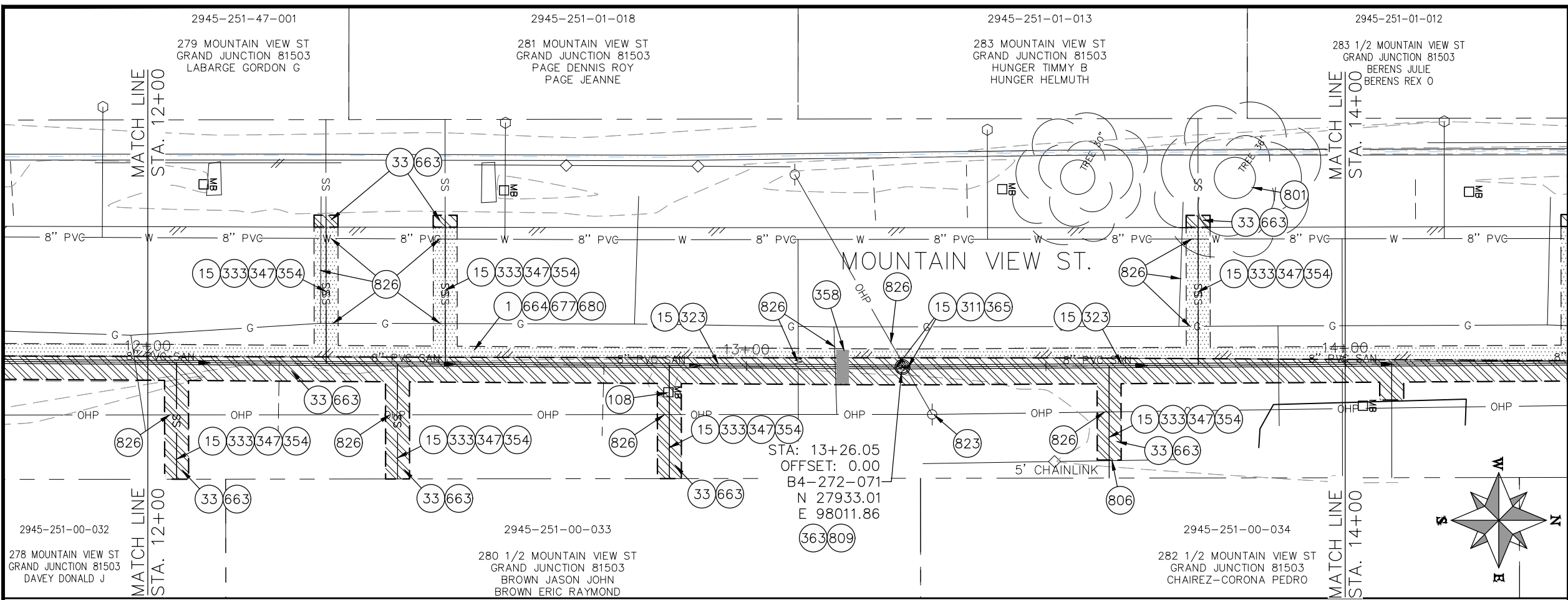
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REVISION Δ XXX		202X		4/2021
REVISION Δ XXX		202X		2021
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SCALE	DATE
HORIZONTAL: 1" = 20'	04/2021
VERTICAL: 1" = 5'	4/2021

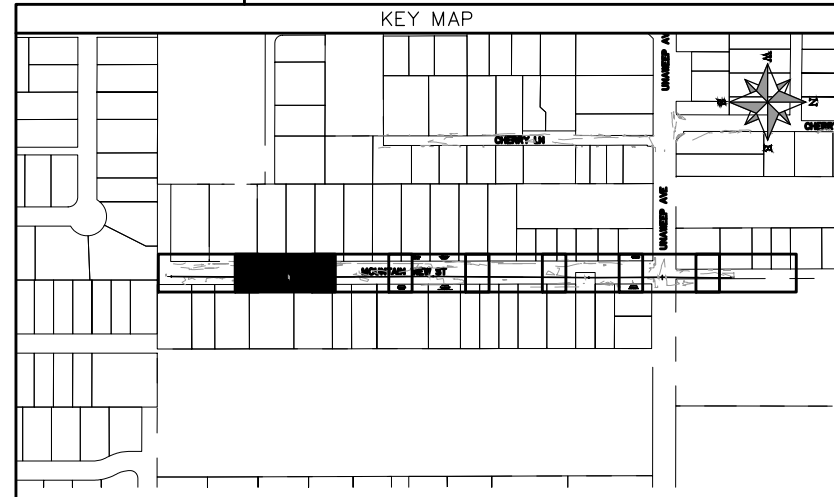
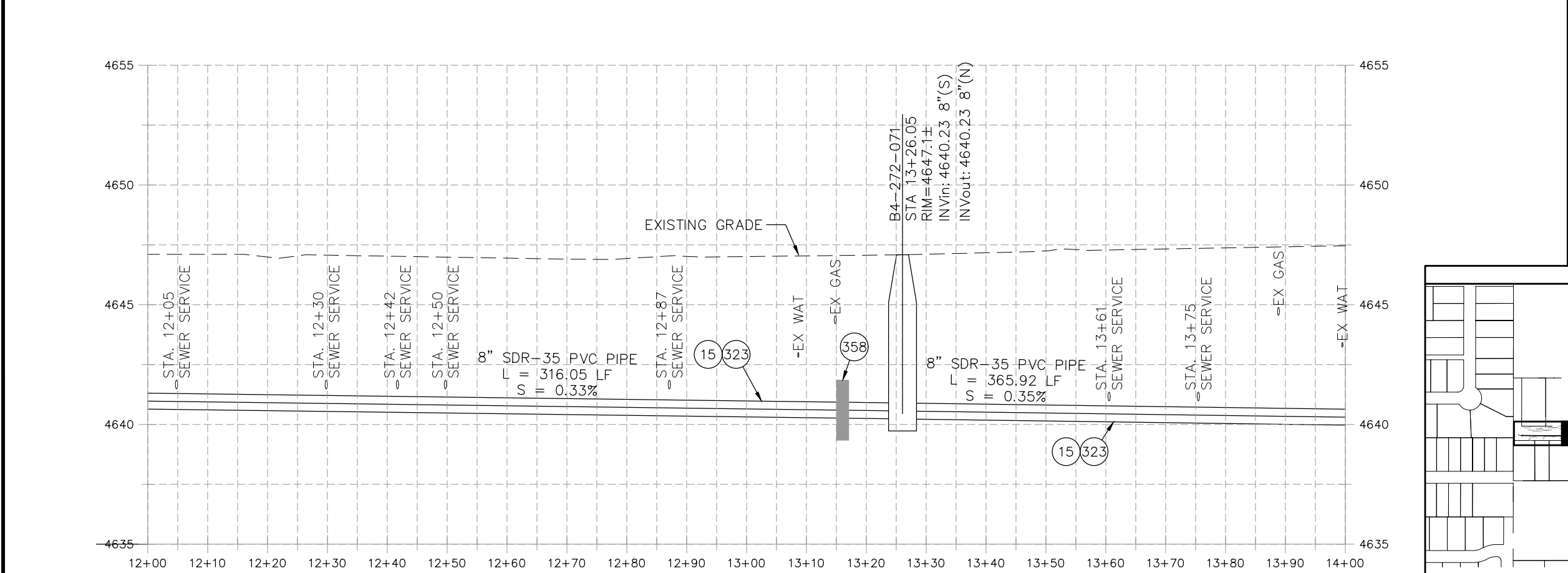


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER REPLACEMENT - PARSES 2-4
MOUNTAIN VIEW ST. PLAN AND PROFILE
STA 10+00 TO STA 12+00**



- ### CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 102 210 - RESET FENCE. (HEIGHT AND MATERIAL AS SHOW ON PLAN)
 - 108 210 - RESET MAILBOX TO NEW 4X4 POST.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 801 PROTECT TREE
 - 806 PROTECT FENCE
 - 809 PROTECT MANHOLE
 - 823 PROTECT UTILITY POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



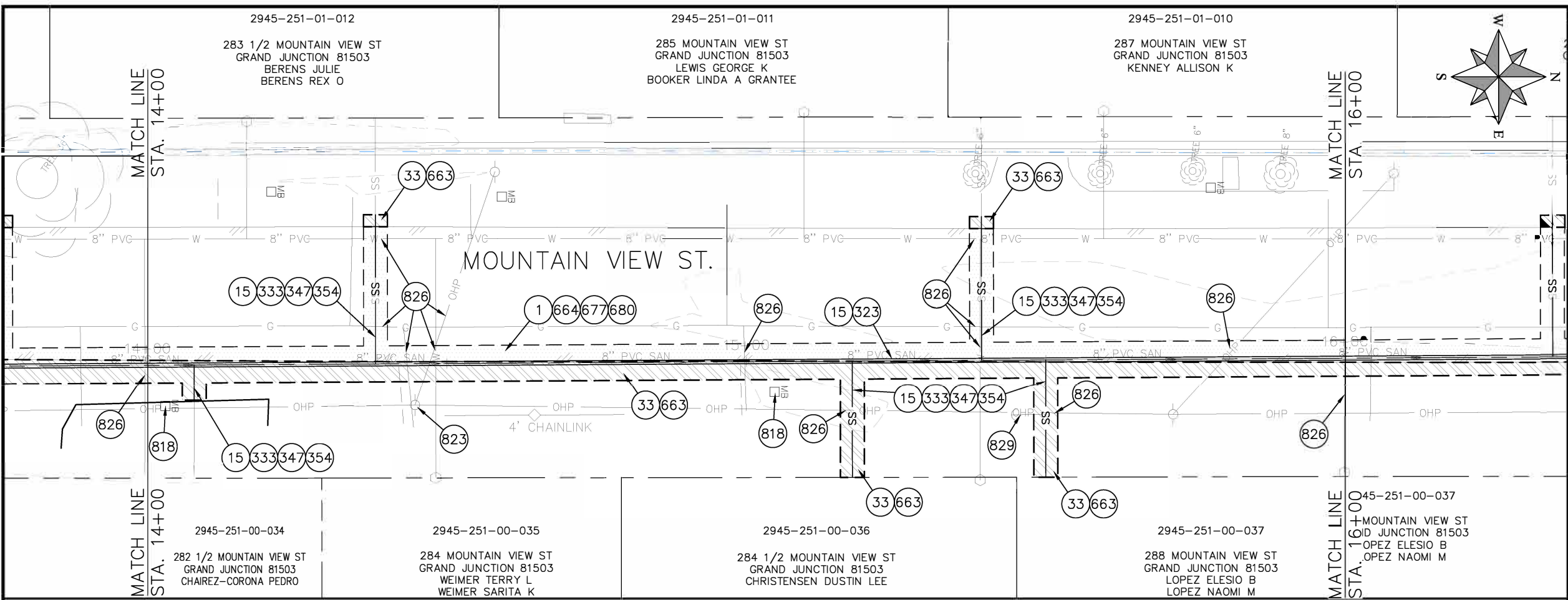
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REVISION Δ XXX		202X	---	4/2021
REVISION Δ XXX		202X	---	2021
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SCALE	DATE
SCALE: PLAN & PROFILE	DATE: 2021
HORIZONTAL: 1" = 20'	
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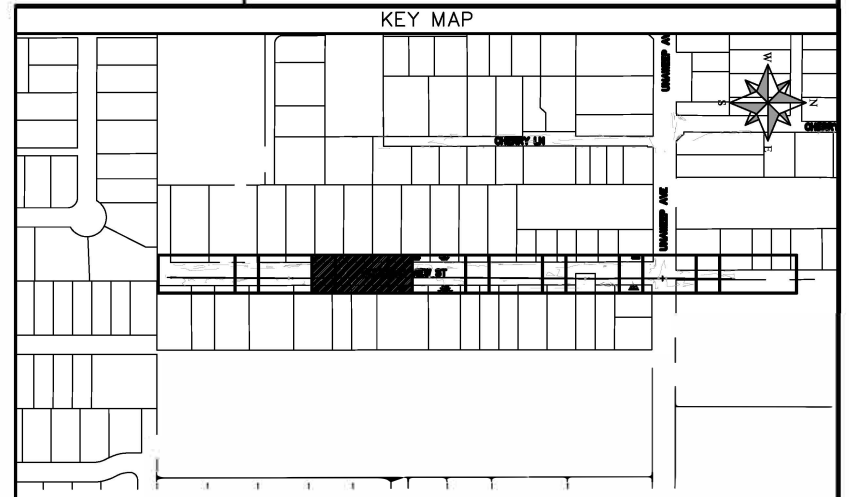
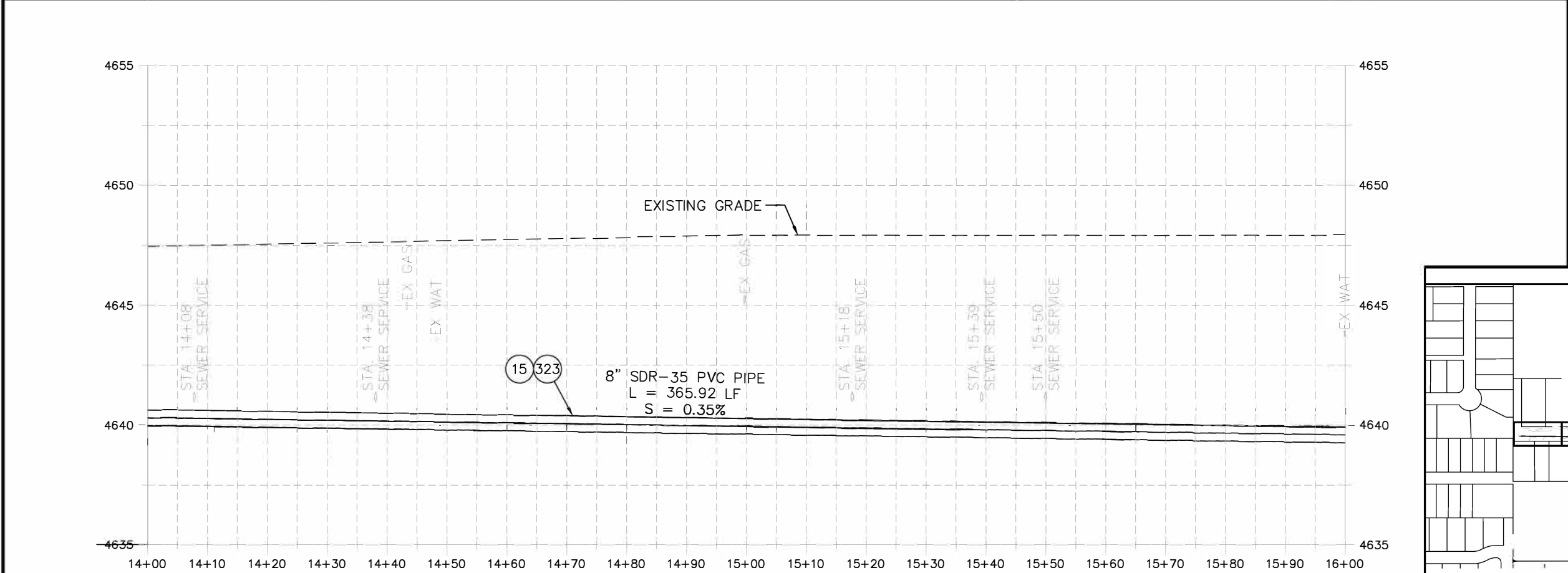
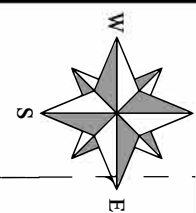


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER REPLACEMENT - PARSES 2-4
MOUNTAIN VIEW ST. PLAN AND PROFILE
STA 12+00 TO STA 14+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 818 PROTECT MAILBOX.
 - 823 PROTECT UTILITY POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.
 - 829 PROTECT GUY WIRE

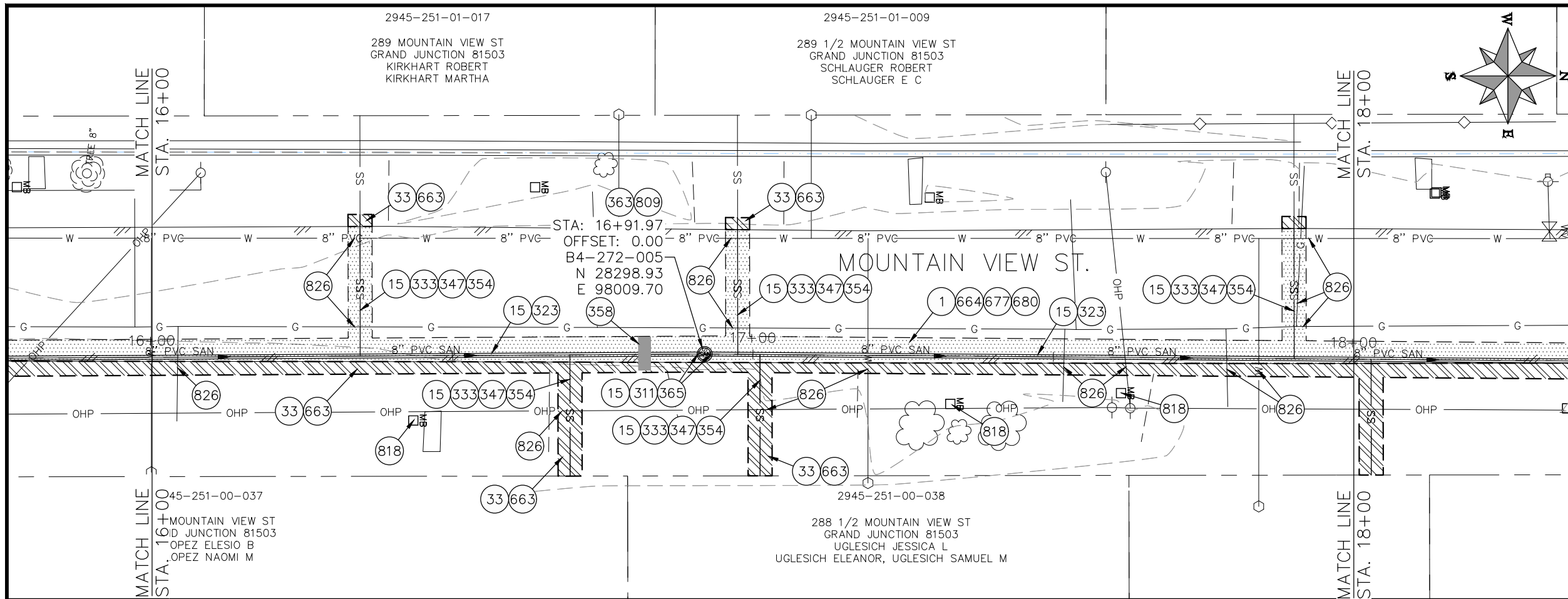


REVISION	DESCRIPTION	DATE	PROJECT NO.	SCALE: PLAN & PROFILE
REVISION Δ XXX	202X	DRAWN BY DJM	DATE 04/2021	HORIZONTAL: 1" = 20'
REVISION Δ XXX	202X	DESIGNED BY DJM	DATE 4/2021	0 5 10 20
REVISION Δ XXX	202X	CHECKED BY EM	DATE 2021	VERTICAL: 1" = 5'
REVISION Δ XXX	202X	APPROVED BY KH	DATE 2021	0 1.25 2.5 5

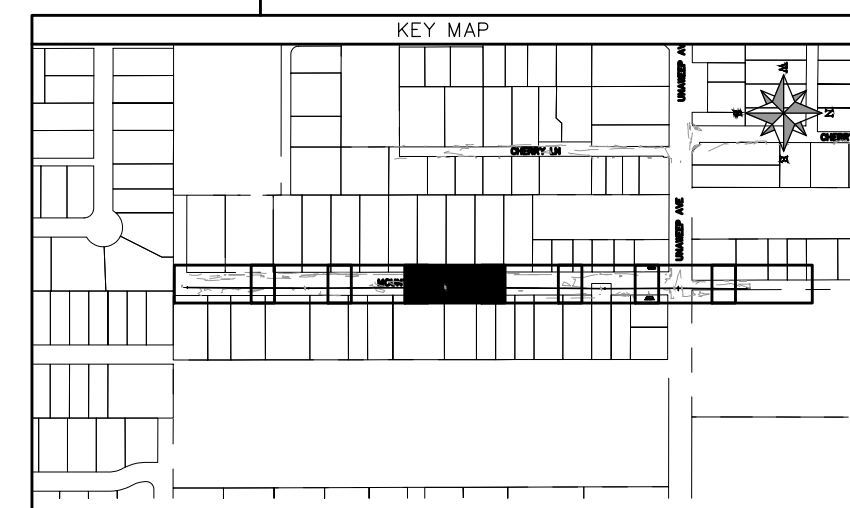
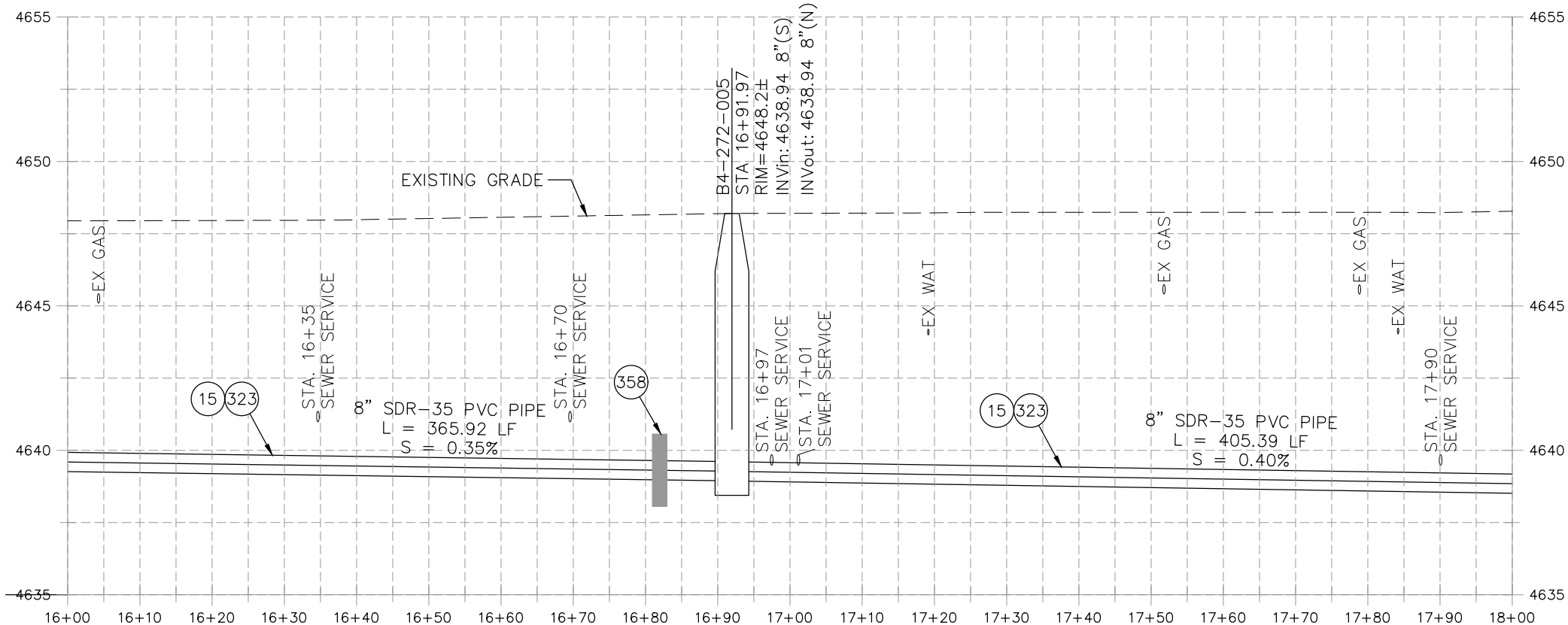
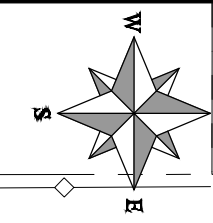


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER REPLACEMENT PARSES 2-4
MOUNTAIN VIEW ST. PLAN AND PROFILE
STA 14+00 TO STA 16+00**



- ### CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 818 PROTECT MAILBOX.
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



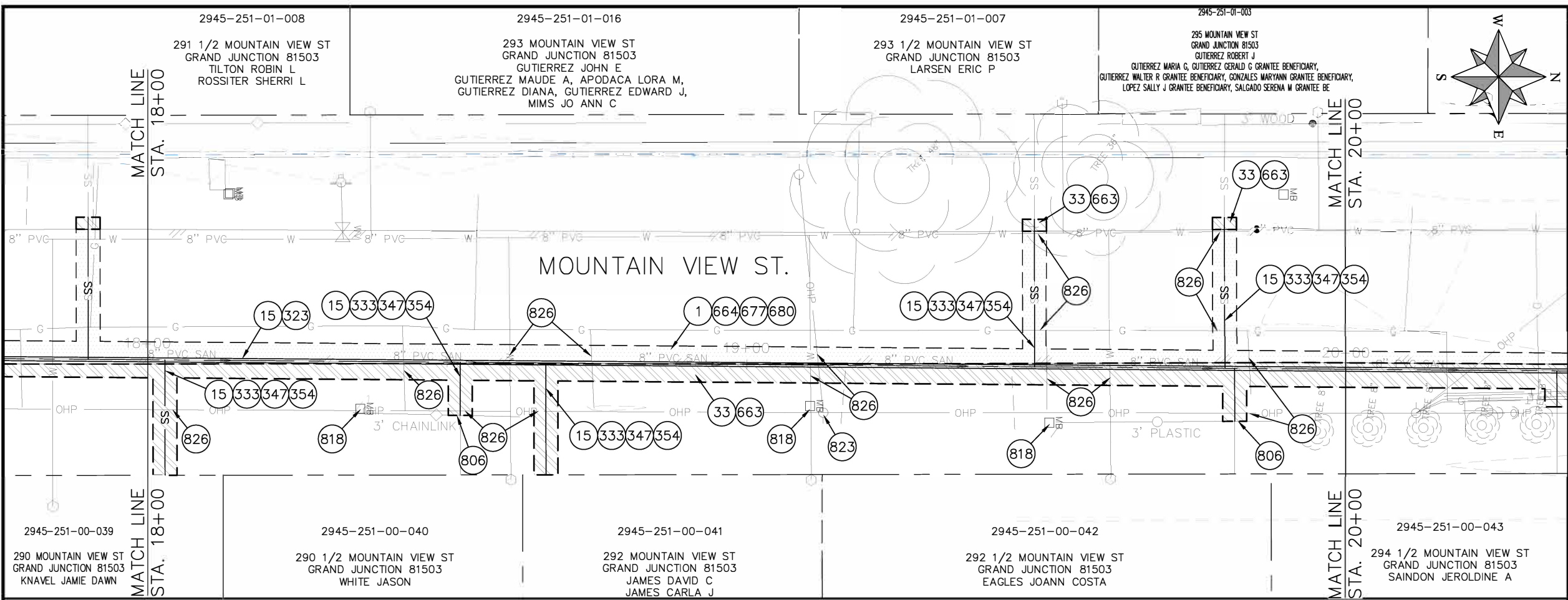
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REVISION Δ XXX		202X	DJM	4/2021
REVISION Δ XXX		202X	EM	2021
REVISION Δ XXX		202X	KH	2021

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 0 5 10 20
 VERTICAL: 1" = 5'
 0 1.25 2.5 5

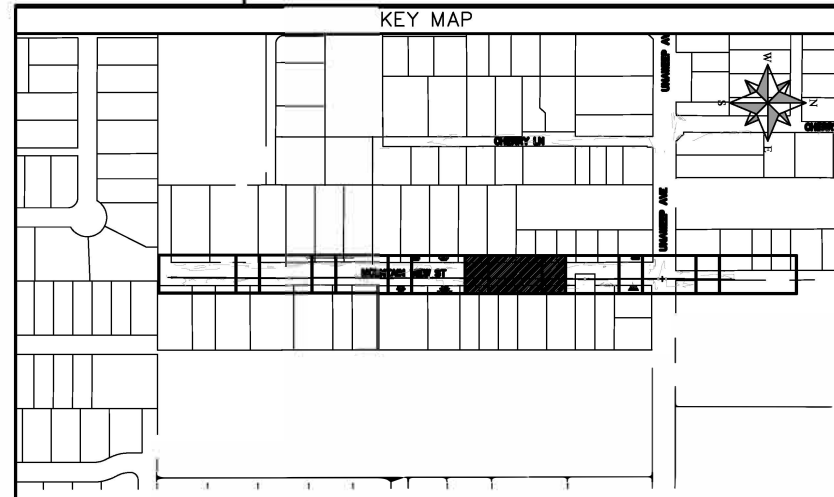
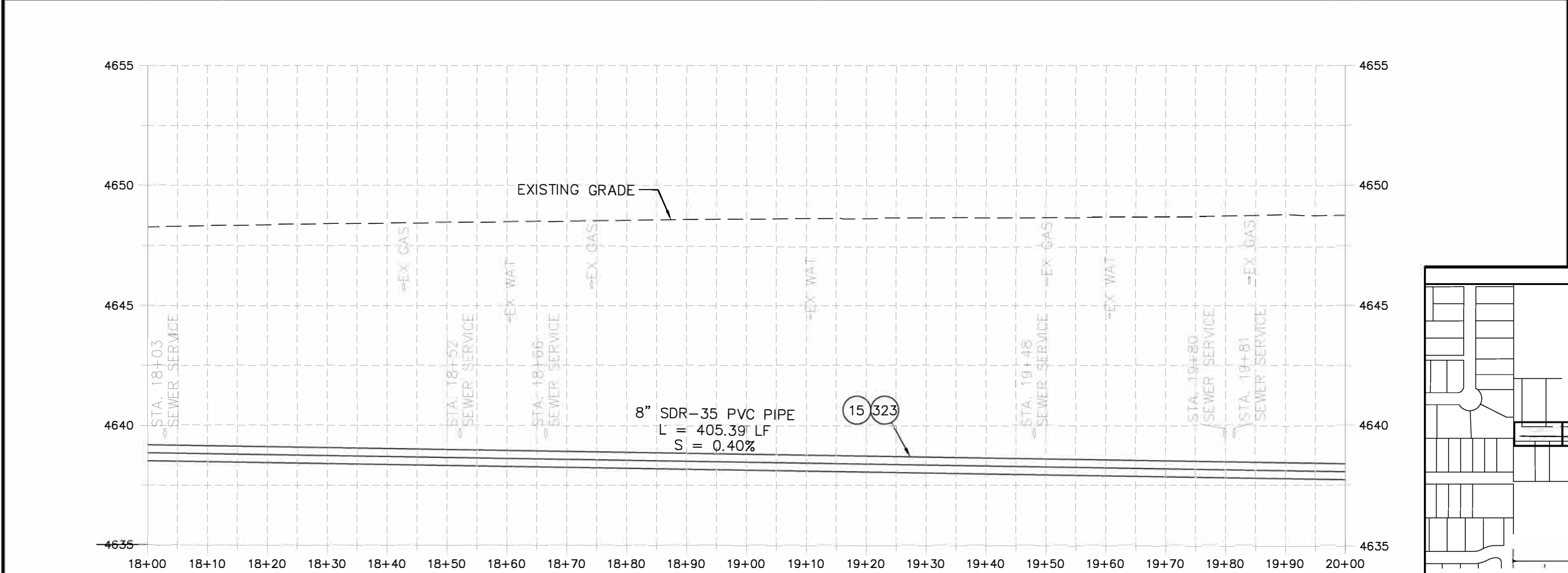
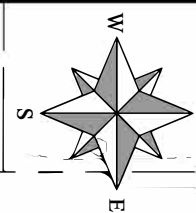


PUBLIC WORKS
ENGINEERING DIVISION

2022 SEWER REPLACEMENT - PARSES 2-4
MOUNTAIN VIEW ST. PLAN AND PROFILE
STA 16+00 TO STA 18+00



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 806 PROTECT FENCE
 - 818 PROTECT MAILBOX.
 - 823 PROTECT UTILITY POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



REVISION	DATE	DESCRIPTION
REVISION Δ XXX	202X	
REVISION Δ XXX	202X	
REVISION Δ XXX	202X	
REVISION Δ XXX	202X	

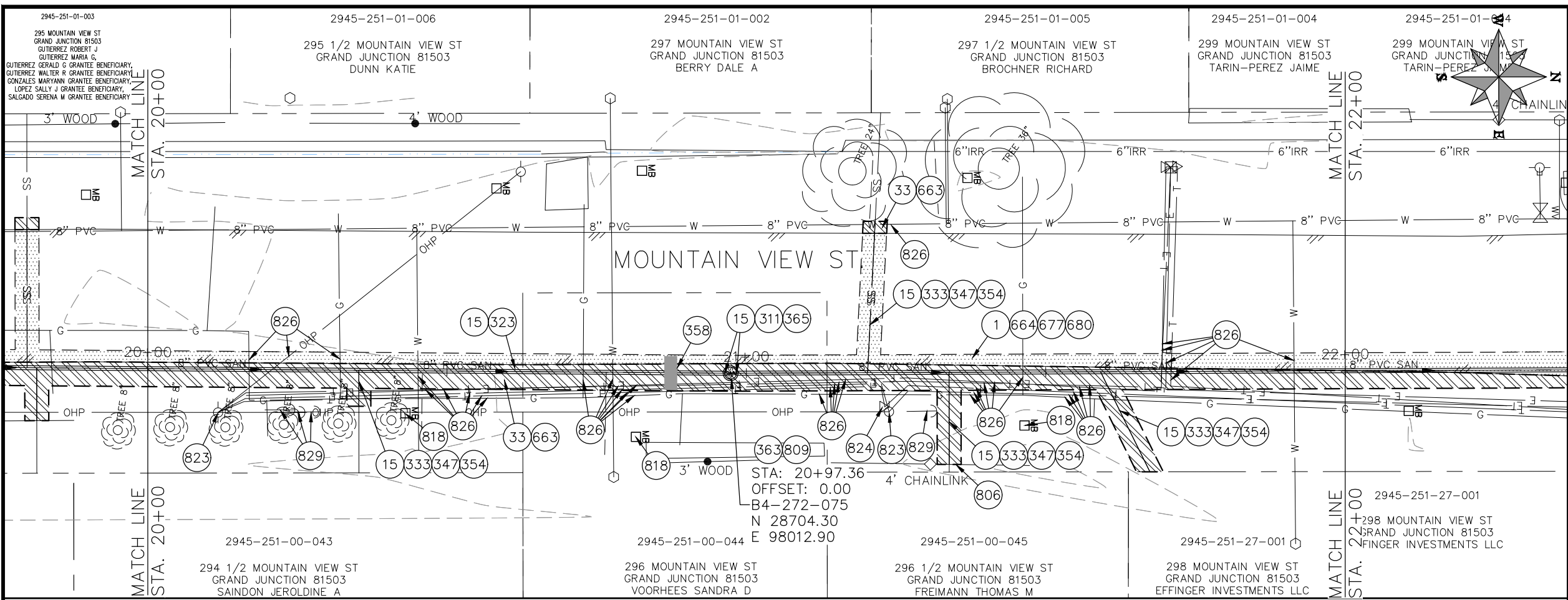
PROJECT NO.	DATE	DESIGNED BY	CHECKED BY	APPROVED BY
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202X	4/2021	DJM		
202X	2021			
202X	2021			

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 0 5 10 20
 VERTICAL: 1" = 5'
 0 1.25 2.5 5

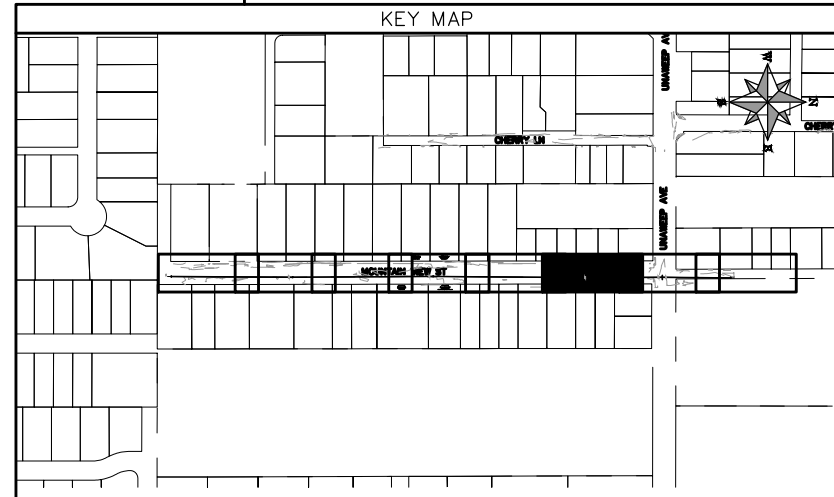
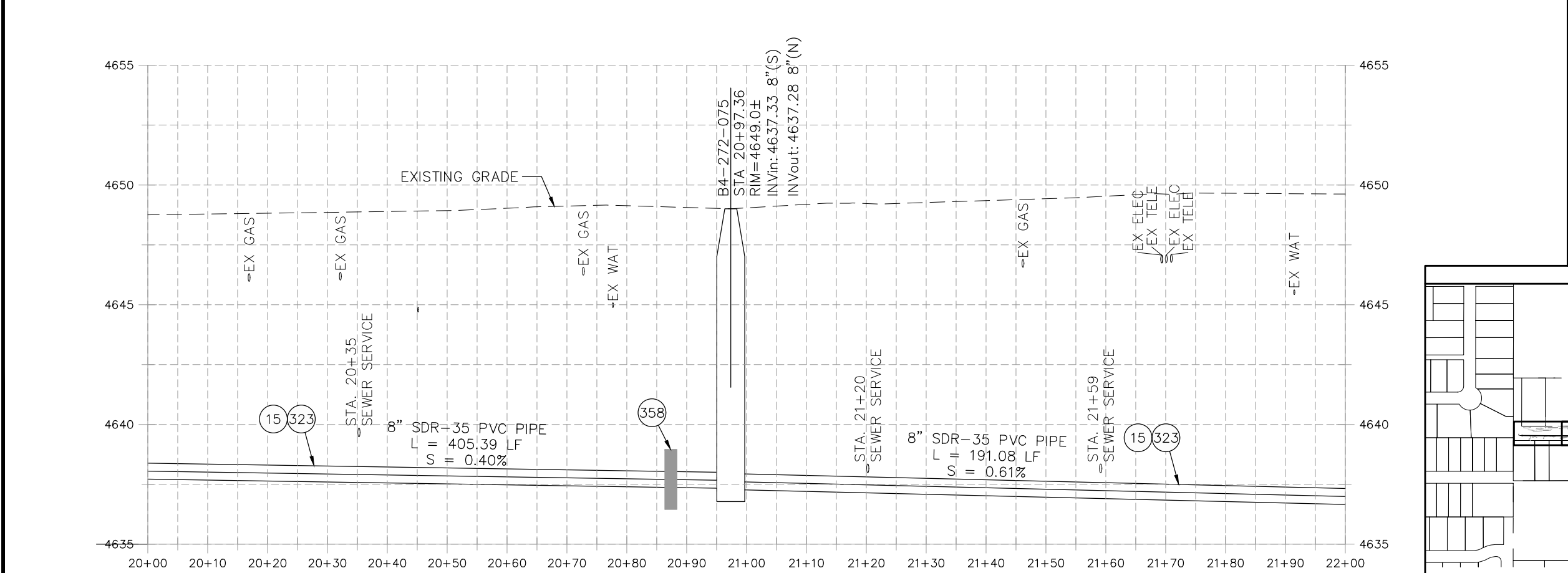


PUBLIC WORKS
ENGINEERING DIVISION

2022 SEWER REPLACEMENT PARSES 2-4
MOUNTAIN VIEW ST. PLAN AND PROFILE
STA 18+00 TO STA 20+00



- ### CONSTRUCTION NOTES
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 818 PROTECT MAILBOX.
 - 823 PROTECT UTILITY POLE
 - 824 PROTECT UTILITY PEDESTAL
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.
 - 829 PROTECT GUY WIRE



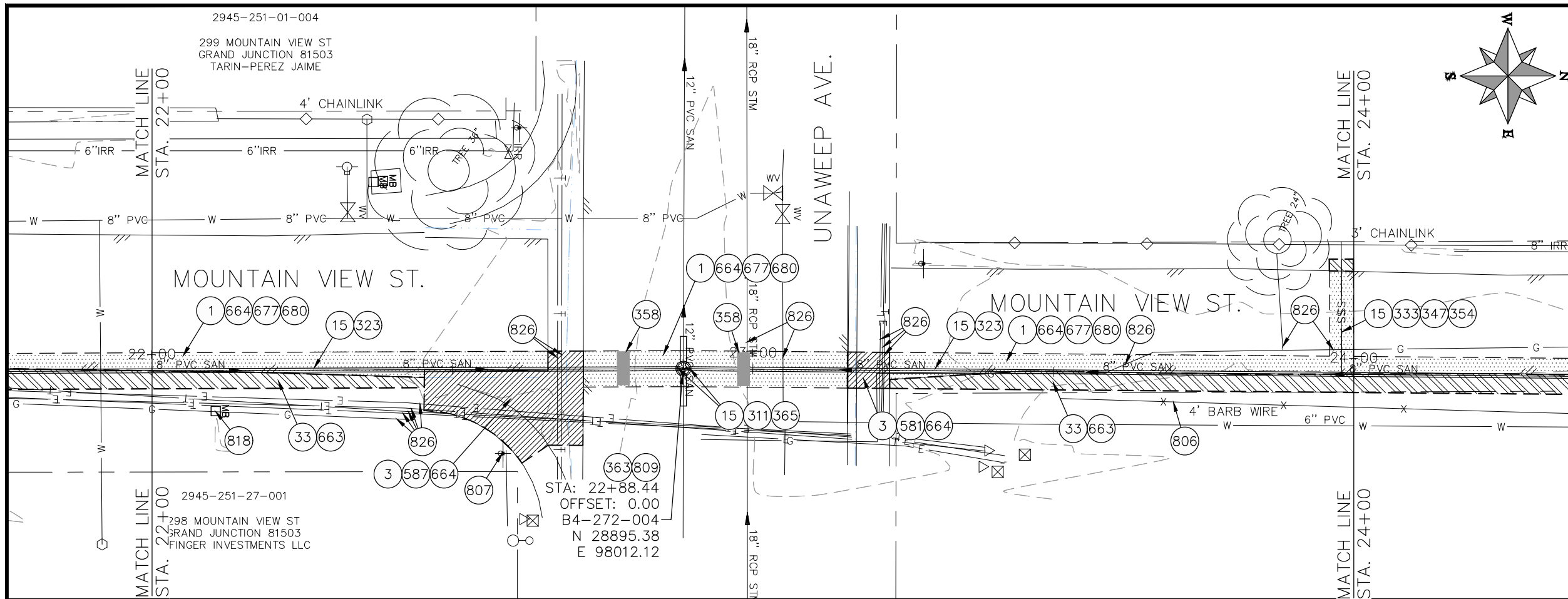
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REVISION Δ XXX		202X	---	4/2021
REVISION Δ XXX		202X	---	2021
REVISION Δ XXX		202X	---	2021

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 5'

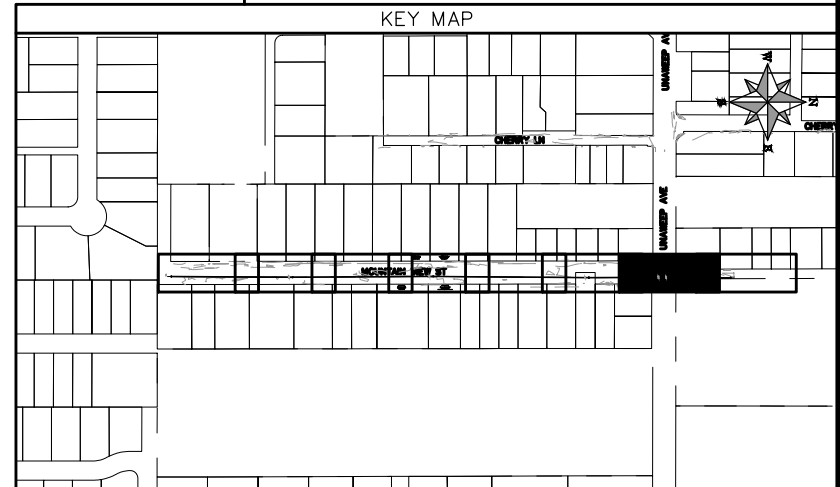
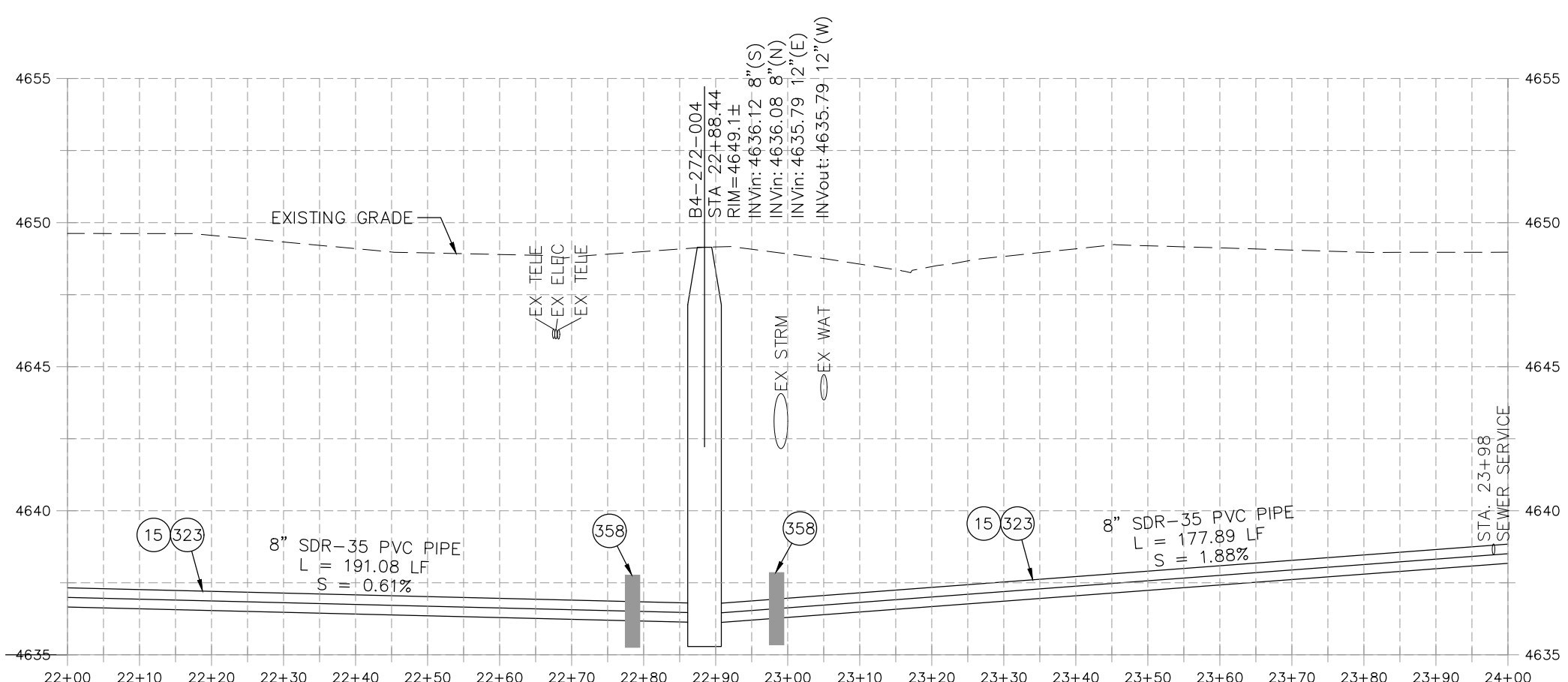
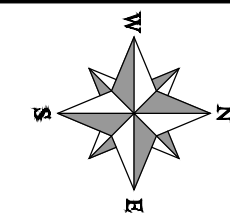


PUBLIC WORKS
 ENGINEERING DIVISION

2022 SEWER REPLACEMENT - PARSES 2-4
 MOUNTAIN VIEW ST. PLAN AND PROFILE
 STA 20+00 TO STA 22+00



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 311 102.11/108.5 - CONNECT TO EXISTING MANHOLE (8" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 333 102.9/108.2 - 4" SEWER SERVICE PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL, BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL, AND END-OF-SERVICE CAP.
 - 347 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 581 608.06 - CONCRETE DRAINAGE PAN (6' WIDE) (8" THICK MIN.)
 - 587 608.06 - CONCRETE INTERSECTION CORNER
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 806 PROTECT FENCE
 - 807 PROTECT SIGN
 - 809 PROTECT MANHOLE
 - 818 PROTECT MAILBOX.
 - 823 PROTECT UTILITY POLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



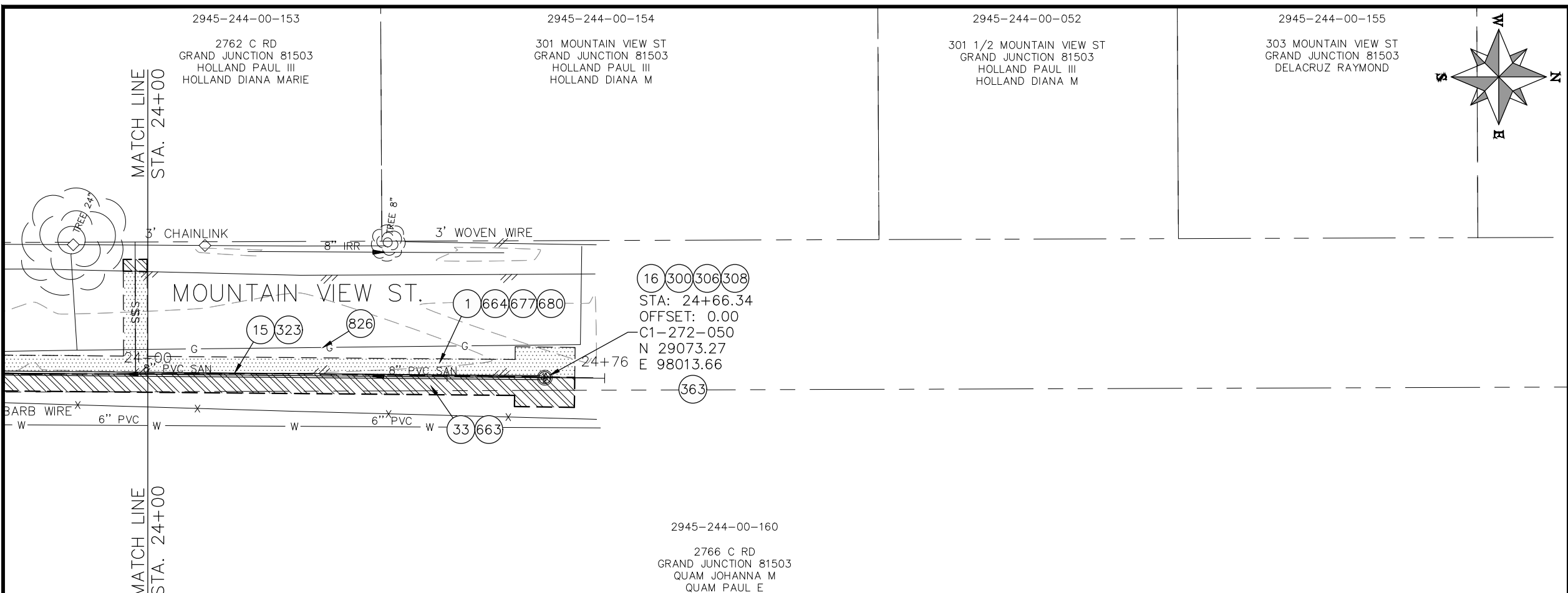
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REVISION Δ XXX		202X		4/2021
REVISION Δ XXX		202X		2021
REVISION Δ XXX		202X		2021

SCALES: PLAN & PROFILE
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'

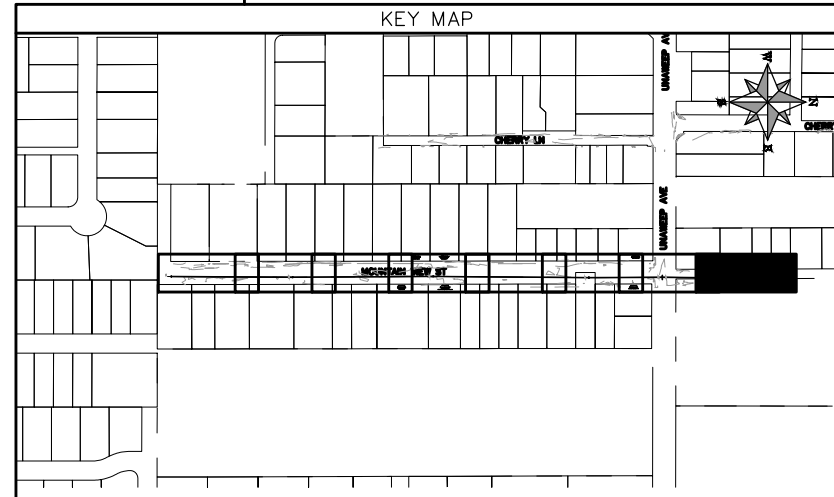
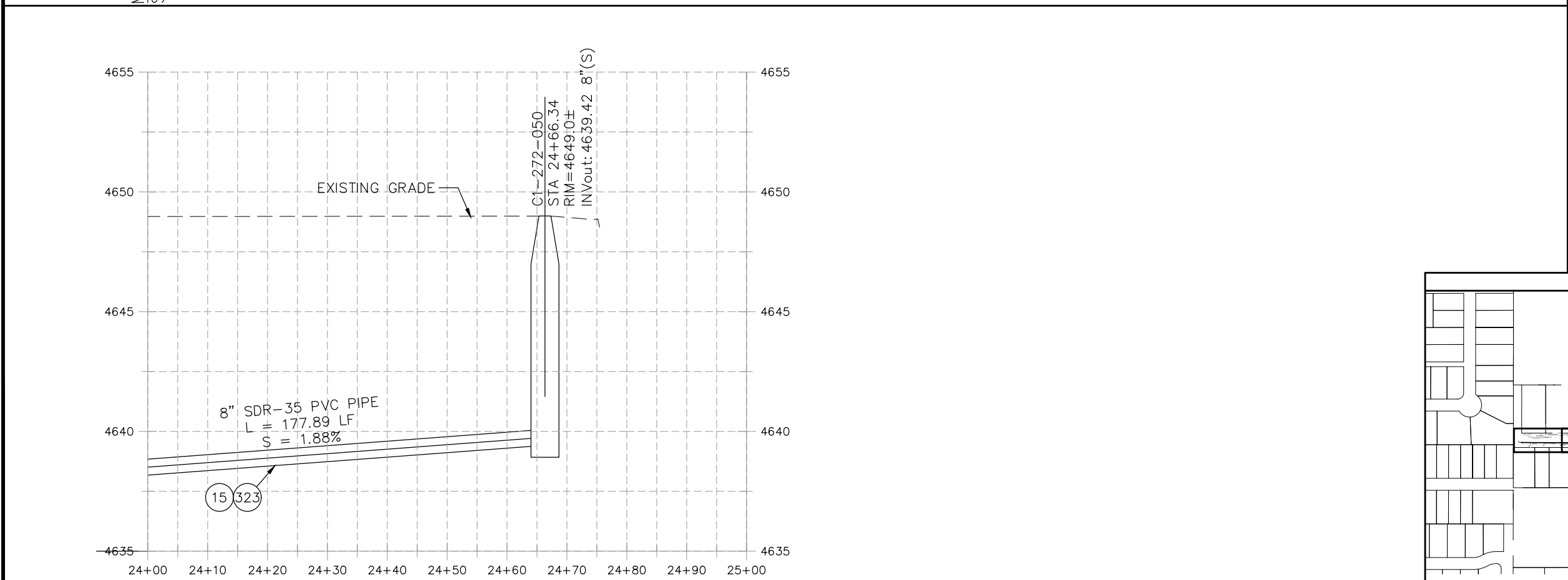
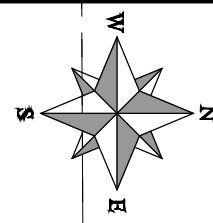


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER REPLACEMENT - PARSES 2-4
MOUNTAIN VIEW ST. PLAN AND PROFILE
STA 22+00 TO STA 24+00**



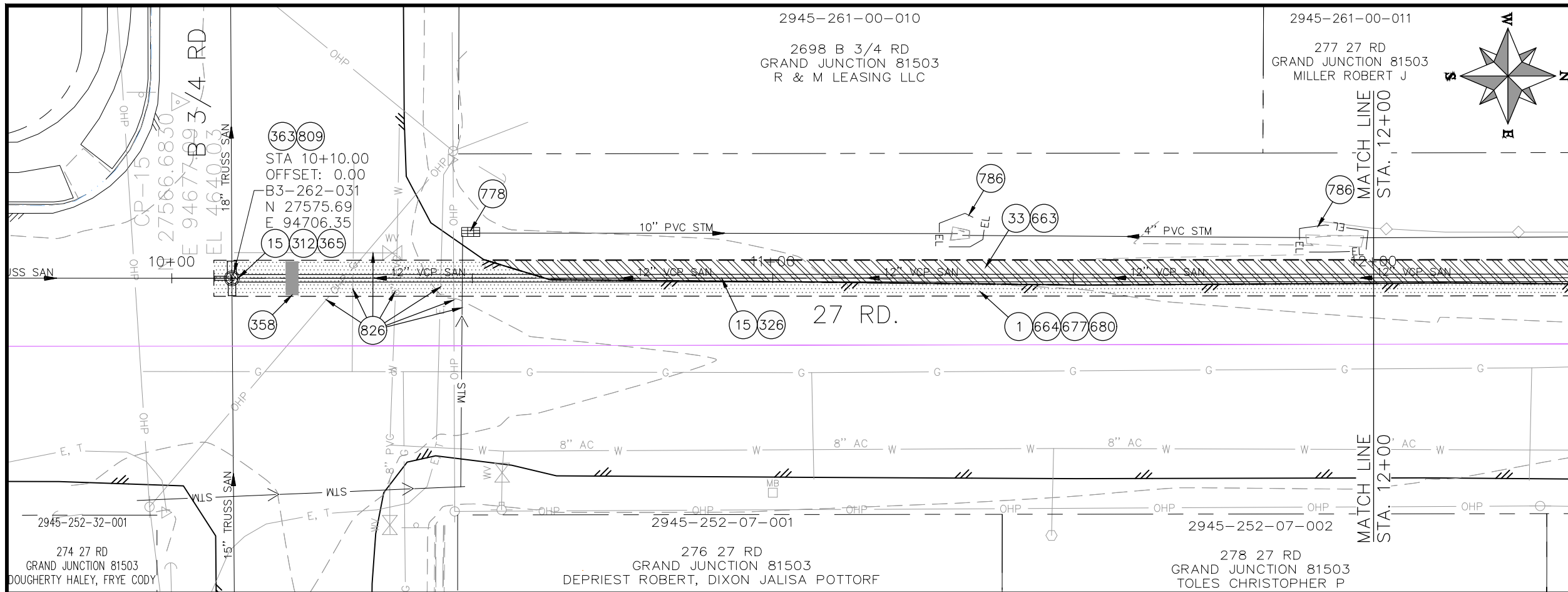
- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 16 202 - REMOVAL OF MANHOLE. CONTRACTOR SHALL SALVAGE RING AND COVER AND DELIVER TO CITY SHOPS.
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 300 102.11/108.5 - SANITARY SEWER BASIC MANHOLE (48" I.D.). INCLUDES CONNECTION OF ADJACENT SEWER LINE, FORMING INVERTS AND ADJUSTING TO FINAL GRADE. (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-02).
 - 306 102.11/108.5 - MANHOLE BARREL SECTION (D>5) (48" I.D.).
 - 308 102.11/108.5 - MANHOLE INTERIOR CORROSION PROTECTION (CASTAGRA ECODUR 201 PROTECTIVE COATING OR APPROVED EQUAL) (PROTECTIVE COATING SHALL BE APPLIED TO PREPARED MANHOLE INVERT, BENCH, BARRELS, AND CONE SECTIONS. MANHOLE INVERTS AND BENCHES SHALL BE COATED PRIOR TO WASTEWATER INTRODUCTION)
 - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



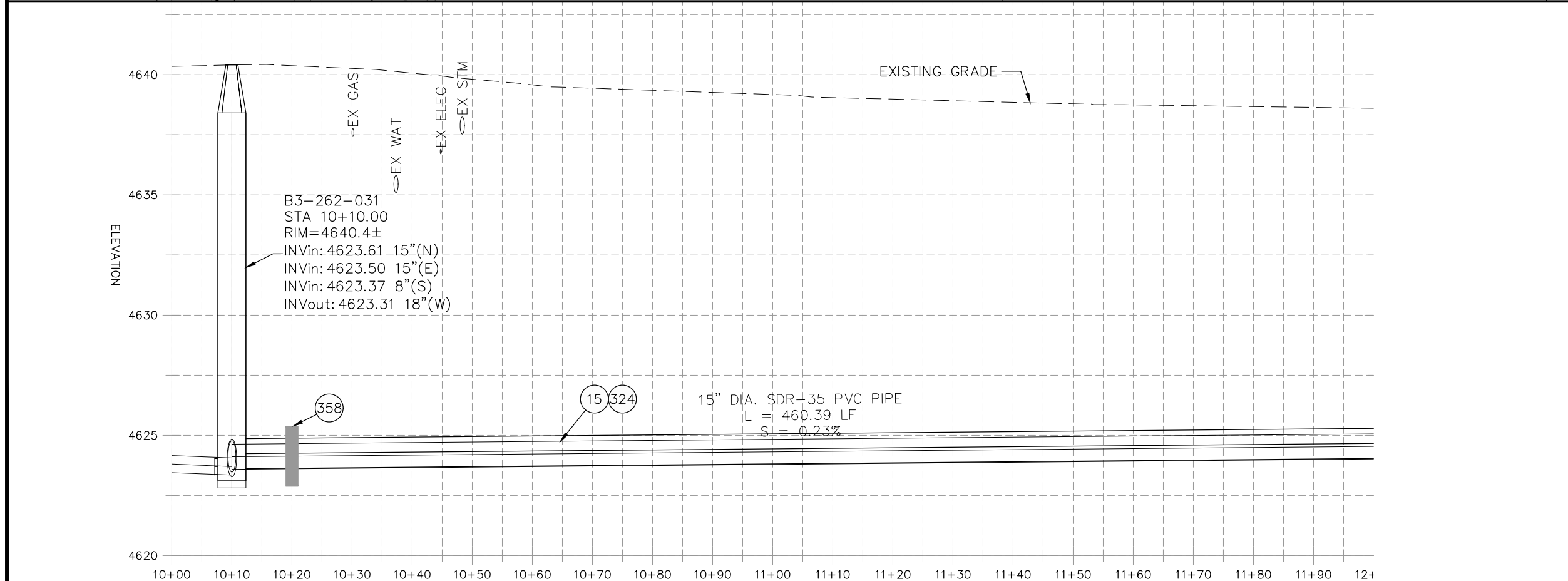
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REVISION Δ XXX		202X		DJM	4/2021
REVISION Δ XXX		202X		EM	2021
REVISION Δ XXX		202X		KH	2021

**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER REPLACEMENT - PARSES 2-4
MOUNTAIN VIEW ST. PLAN AND PROFILE
STA 24+00 TO STA 25+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 312 102.11/108.5 - CONNECT TO EXISTING MANHOLE (12" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08)
 - 326 102.9/108.2 - 15" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 349 102.9/108.3 - 12" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
 - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 778 208 - STORM DRAIN INLET PROTECTION (SILT-SACK STYLE OR APPROVED EQUAL) (NO GRAVEL/ROCK BAG FILTERS ARE ALLOWED)
 - 786 EROSION CONTROL LOG
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
REVISION Δ XXX		202X	---	202X
REVISION Δ XXX		202X		202X
REVISION Δ XXX		202X		202X
REVISION Δ XXX		202X		202X

DATE	PROJECT NO.	DATE
202X	---	202X
202X		202X
202X		202X
202X		202X

SCALES: PLAN & PROFILE
 HORIZONTAL: 1" = 20'
 0 5 10 20
 VERTICAL: 1" = 5'
 0 1.25 2.5 5

CITY OF
Grand Junction
 COLORADO

PUBLIC WORKS
 ENGINEERING DIVISION

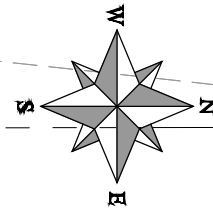
2022 SEWER LINE REPLACEMENT - PARSES 2-4
 27 ROAD PLAN AND PROFILE
 STA 10+00 TO STA 12+00

2945-261-08-013

281 27 RD
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PASQUALETTO ALFRED D
PASQUALETTO KELLY

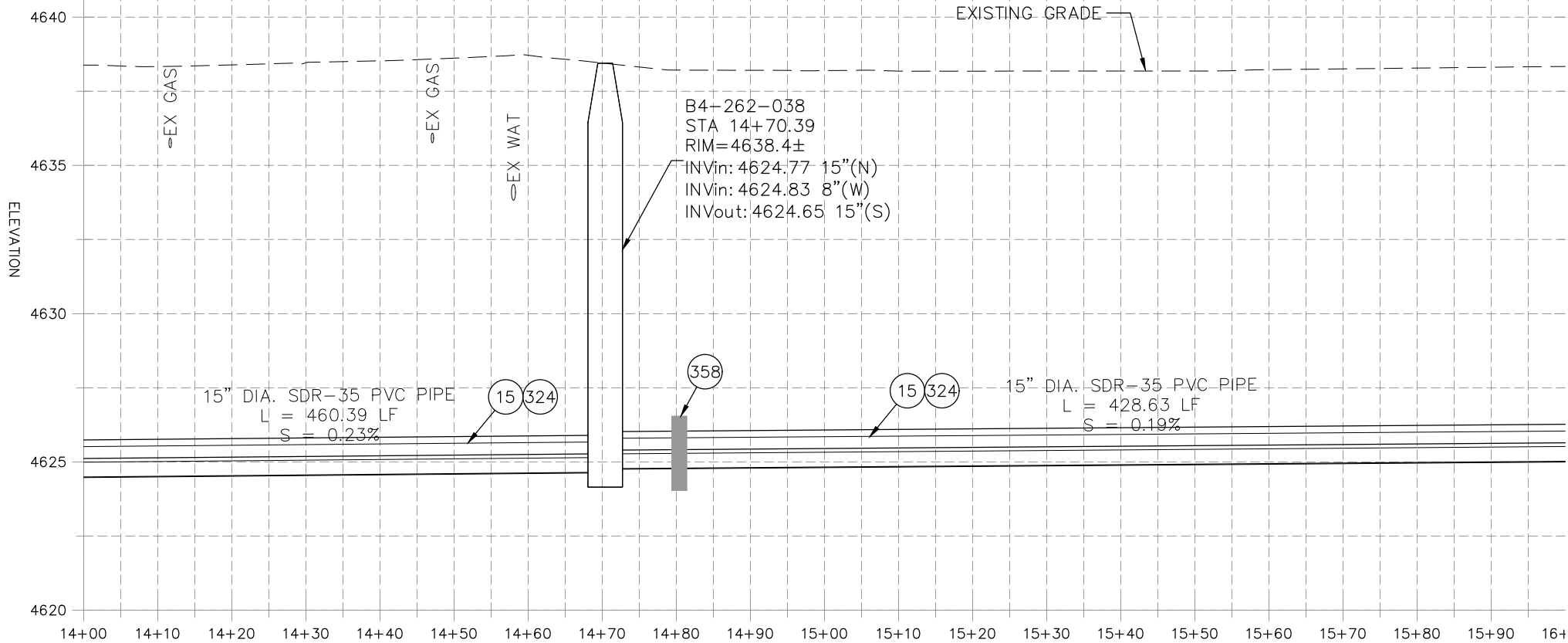
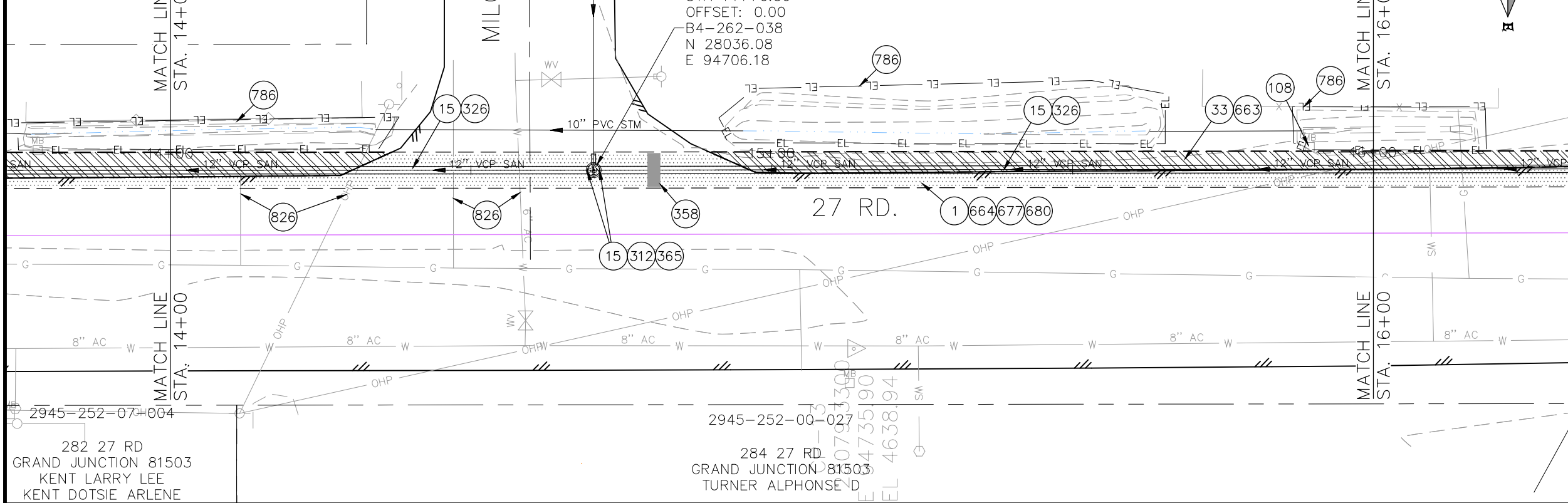
MILO DR.

363 809
STA 14+70.39
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CONSTRUCTION NOTES

- ① 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
- 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
- 33 202 - REMOVE EXISTING SURFACE MATERIAL.
- 108 210 - RESET MAILBOX TO NEW 4X4 POST.
- 312 102.11/108.5 - CONNECT TO EXISTING MANHOLE (12" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
- 326 102.9/108.2 - 15" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
- 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
- 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
- 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
- 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
- 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
- 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
- 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
- 786 EROSION CONTROL LOG
- 809 PROTECT MANHOLE
- 826 PROTECT EXISTING UTILITY LINE IN PLACE.



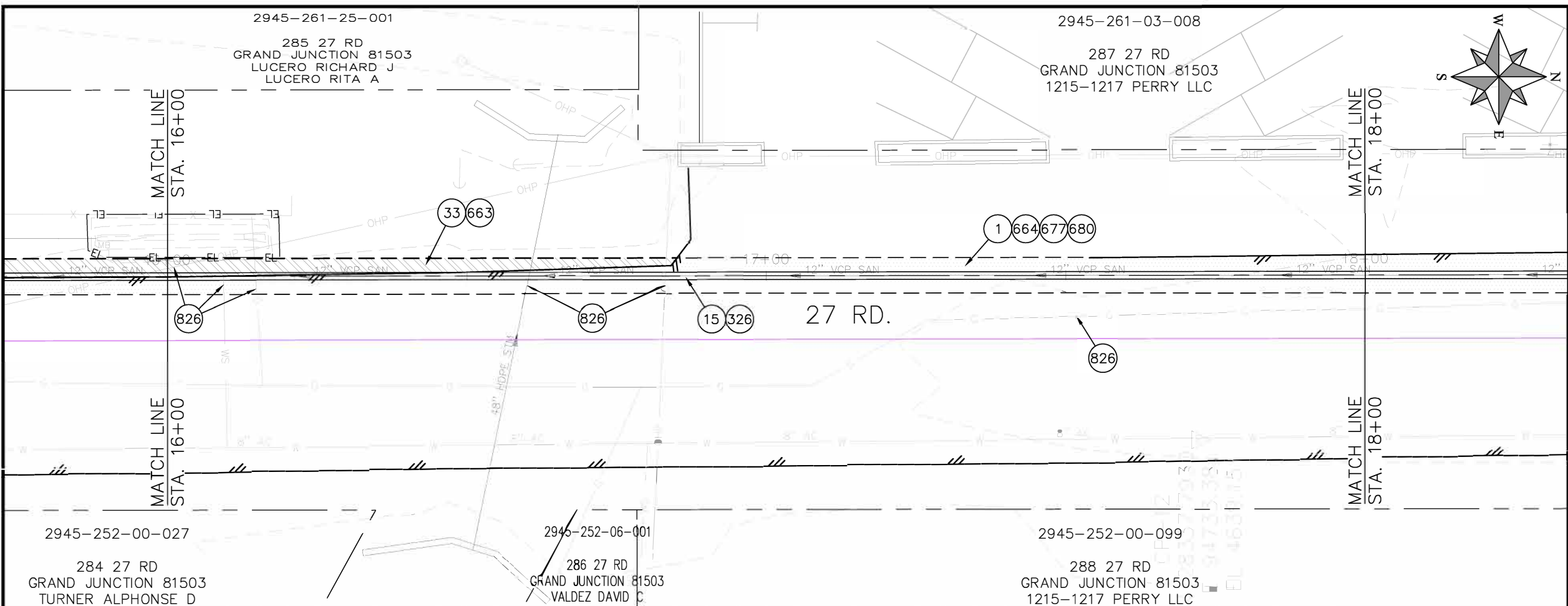
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REVISION Δ XXX		202X	---	202X
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SCALE: PLAN & PROFILE	DATE
HORIZONTAL: 1" = 20'	202X
VERTICAL: 1" = 5'	202X

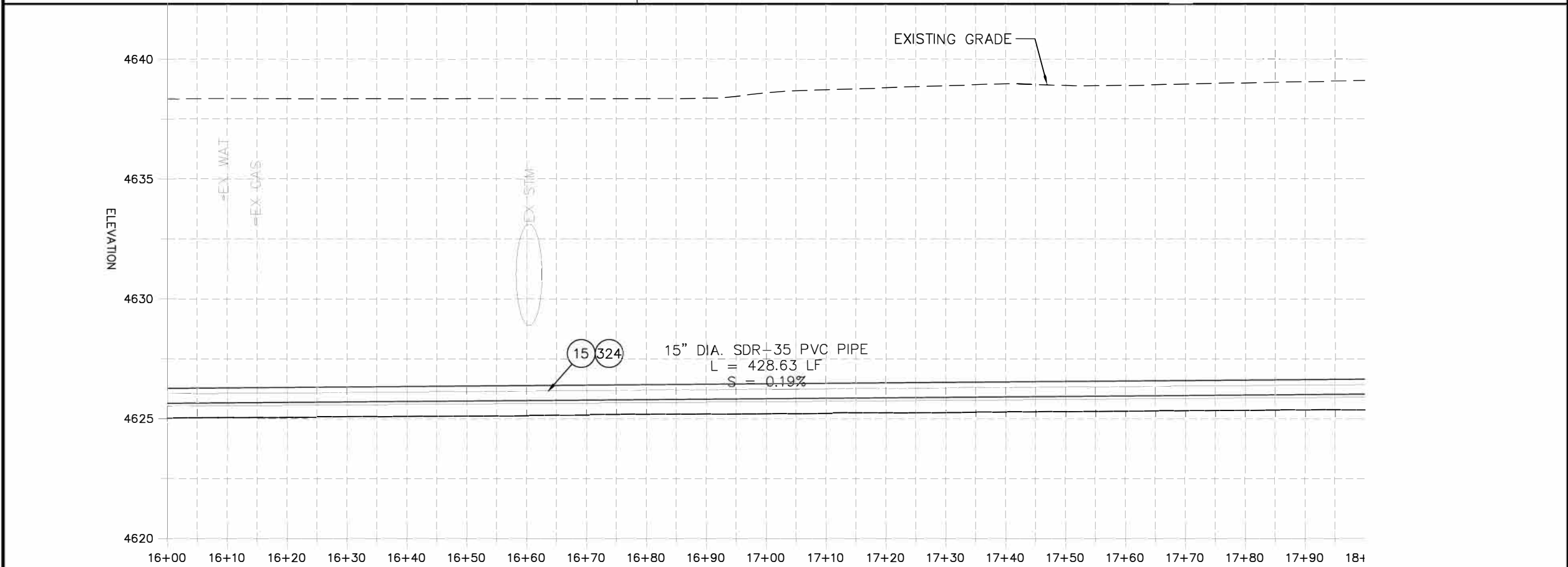
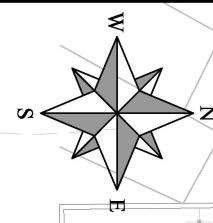


PUBLIC WORKS
ENGINEERING DIVISION

2022 SEWER LINE REPLACEMENT - PARSES 2-4
27 ROAD PLAN AND PROFILE
STA 14+00 TO STA 16+00



- CONSTRUCTION NOTES**
- ① 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 326 102.9/108.2 - 15" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.

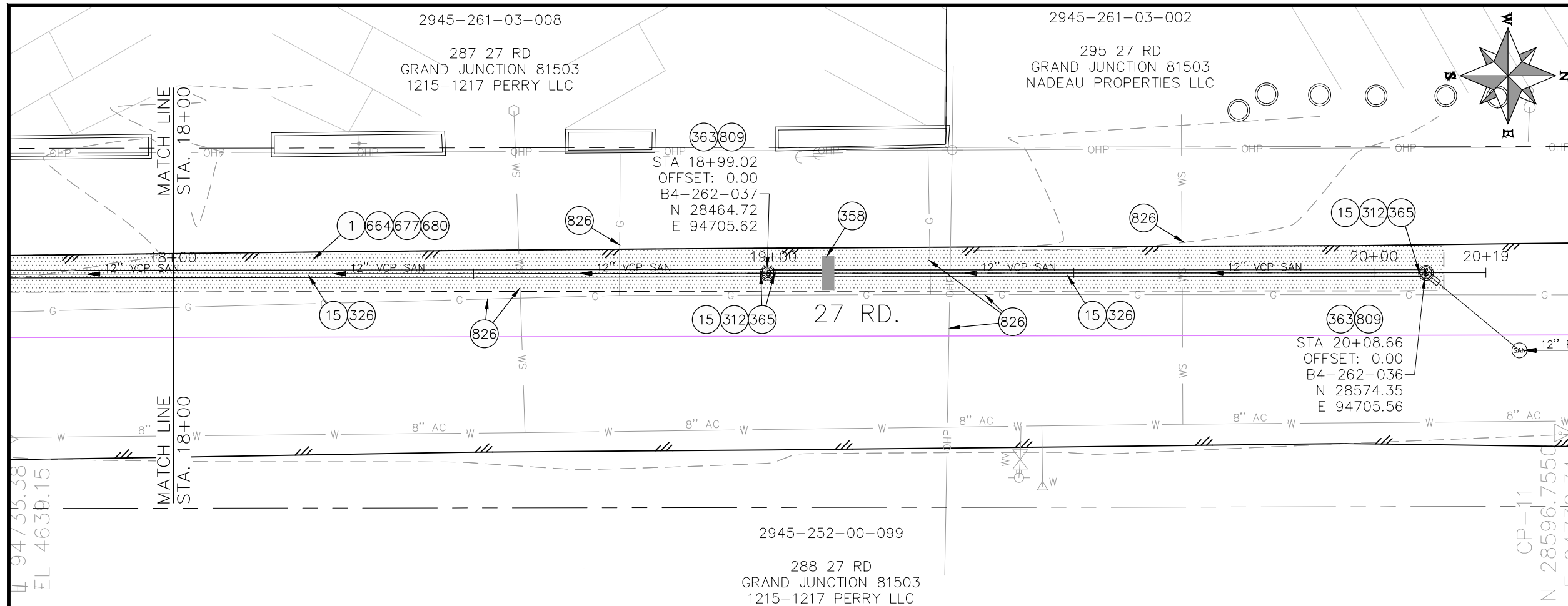


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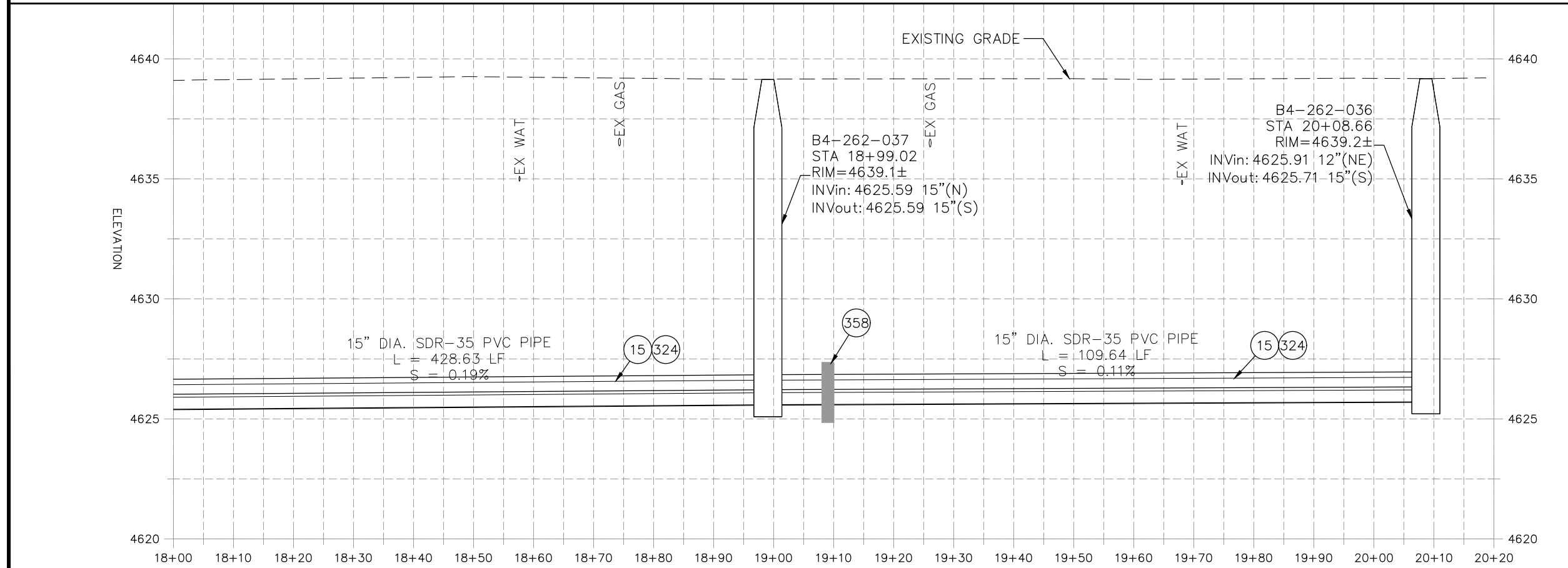
Grand Junction
 COLORADO

PUBLIC WORKS
ENGINEERING DIVISION

2022 SEWER LINE REPLACEMENT - PARSES 2-4
27 ROAD PLAN AND PROFILE
STA 16+00 TO STA 18+00



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 312 102.11/108.5 - CONNECT TO EXISTING MANHOLE (12" PIPE). (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - 326 102.9/108.2 - 15" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - 358 103 - CLAY CUT-OFF WALL (INCIDENTAL TO SEWER INSTALLATION PAY ITEM)
 - 363 BYPASS PUMPING (AS DEEMED NECESSARY BY THE CITY OR CONTRACTOR)
 - 365 CONNECT TO EXISTING SEWER MANHOLE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING MANHOLE.
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 809 PROTECT MANHOLE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



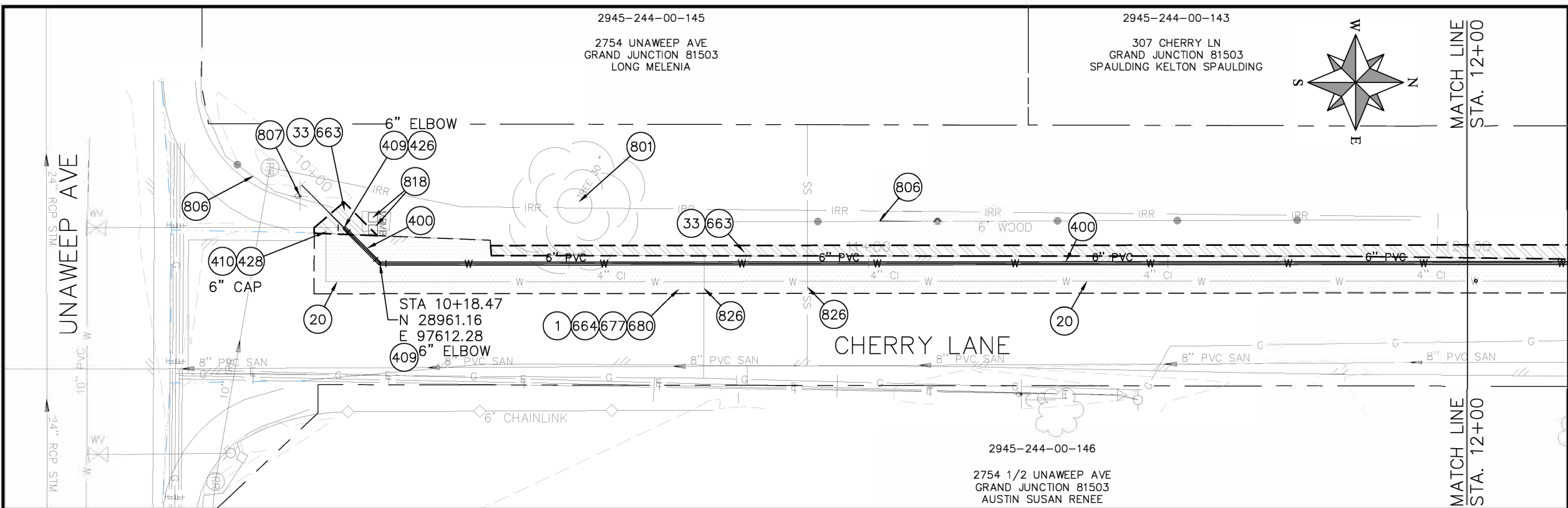
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REVISION Δ XXX		202X	----	202X
REVISION Δ XXX		202X		202X
REVISION Δ XXX		202X		202X
REVISION Δ XXX		202X		202X

SCALES: PLAN & PROFILE
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'

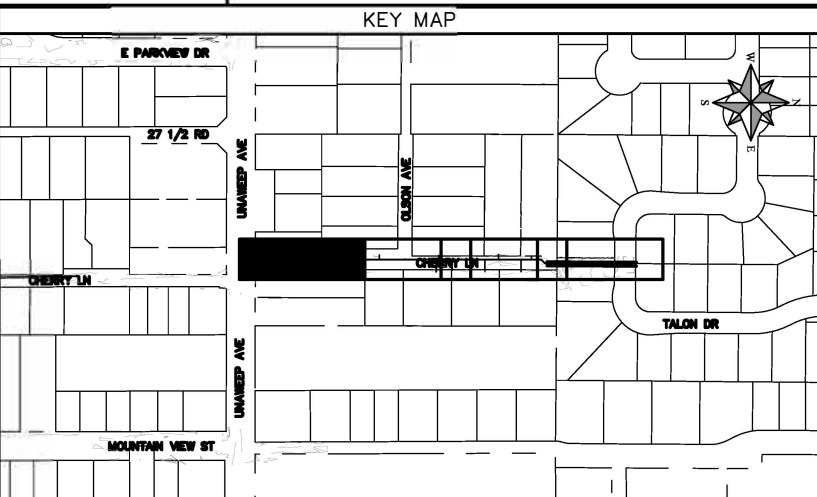
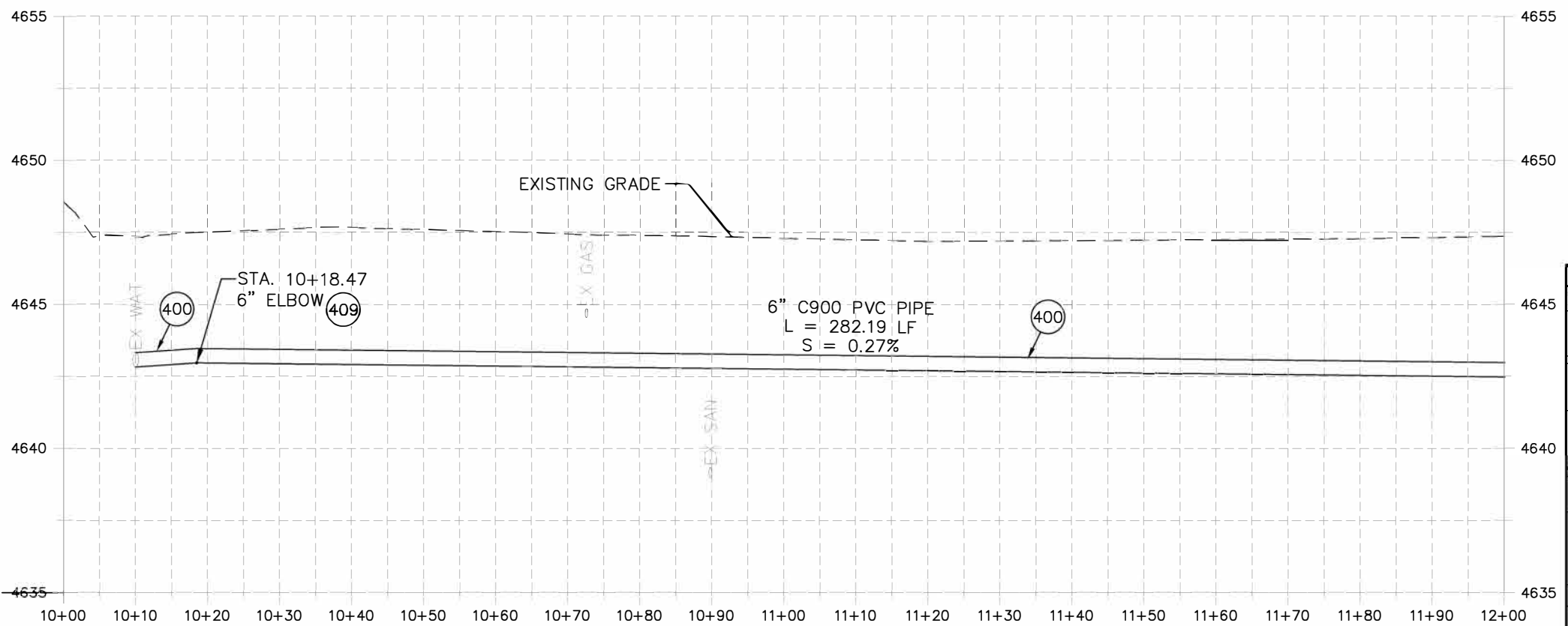


**PUBLIC WORKS
ENGINEERING DIVISION**

**2022 SEWER LINE REPLACEMENT - PARSES 2-4
27 ROAD PLAN AND PROFILE
STA 18+00 TO STA 20+20**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 20 202 - ABANDON PIPE. ABANDON BY PLUGGING REMAINING ENDS WITH CONCRETE.
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 400 102.7/108.2 - WATER MAIN PIPE (C-900 PVC) (SIZE AS SHOWN). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16
 - 409 102.8/108.3 - ELBOW (SIZE AND ANGLE AS SHOWN)
 - 410 102.8/108.3 - END CAP / PLUG (SIZE AS SHOWN).
 - 426 CONNECT TO EXISTING WATER PIPE/VALVE/FITTING. THE CONTRACT UNIT PRICE FOR WATER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING PIPELINE.
 - 428 CAP EXISTING PVC PIPE. CONTRACT UNIT PRICE SHALL INCLUDE THE COST OF CUTTING AND CAPPING EXISTING PIPELINE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 801 PROTECT TREE
 - 806 PROTECT FENCE
 - 807 PROTECT SIGN
 - 818 PROTECT MAILBOX.
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.

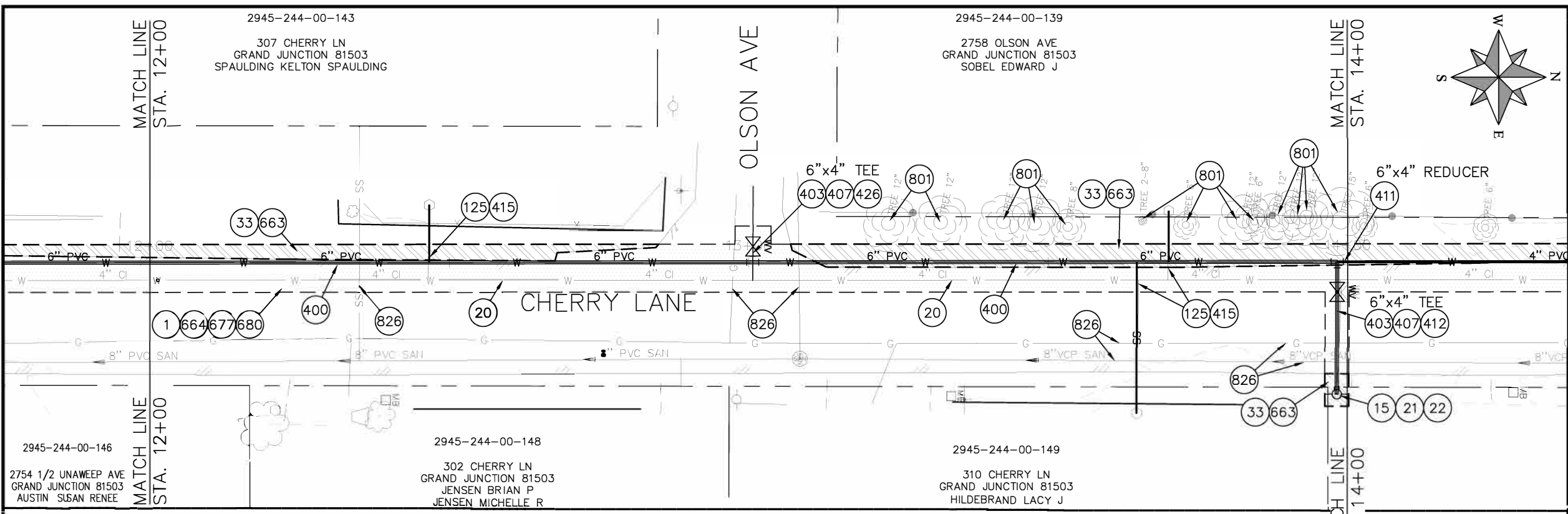


REVISION	DESCRIPTION	DATE	PROJECT NO.	SCALE: PLAN & PROFILE
REVISION Δ XXX		202X	---	HORIZONTAL: 1" = 20'
REVISION Δ XXX		202X	---	0 5 10 20
REVISION Δ XXX		202X	---	VERTICAL: 1" = 5'
REVISION Δ XXX		202X	---	0 1.25 2.5 5

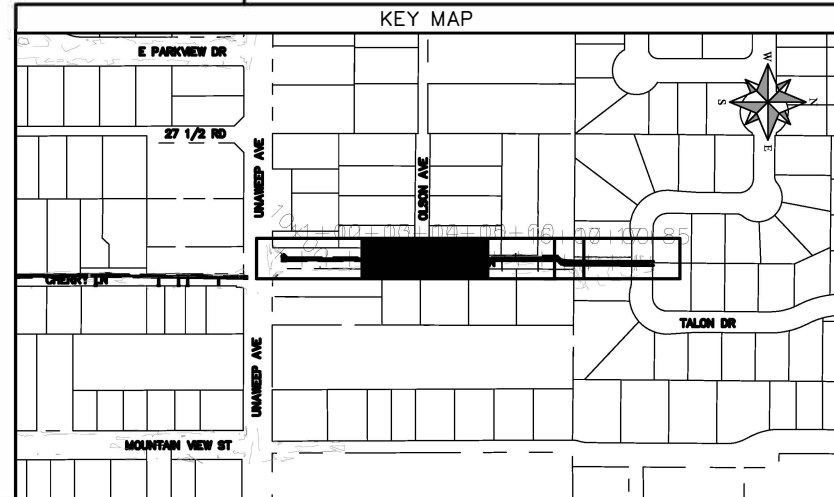
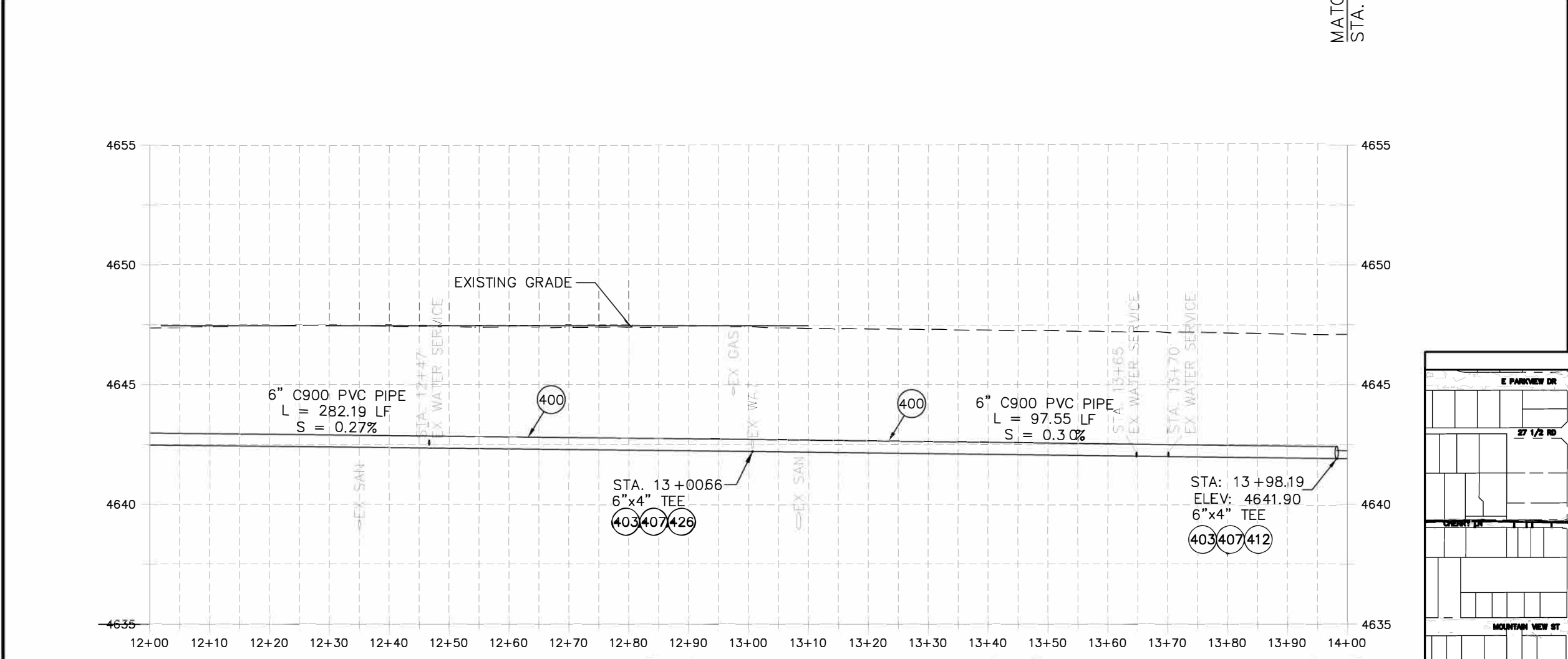
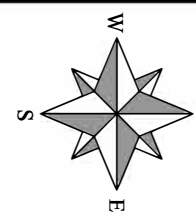


**PUBLIC WORKS
ENGINEERING DIVISION**

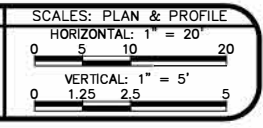
**2021 SEWER LINE REPLACEMENT - PHASE A
CHERRY LANE WATERLINE PLAN AND PROFILE
STA 10+00 TO STA 12+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
 - 20 202 - ABANDON PIPE. ABANDON BY PLUGGING REMAINING ENDS WITH CONCRETE.
 - 21 202 - REMOVE EXISTING WATER VALVE.
 - 22 202 - REMOVE EXISTING FIRE HYDRANT AND RETURN TO CITY SHOPS.
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 125 104 - CONNECT EXISTING COPPER SERVICE TO NEW MAIN.
 - 400 102.7/108.2 - WATER MAIN PIPE (C-900 PVC) (SIZE AS SHOWN). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16
 - 403 102.8b/108.3 - GATE VALVE. (SIZE AS SHOWN)
 - 407 102.8/108.3 - TEE (SIZE AS SHOWN).
 - 411 102.8/108.3 - REDUCER (SIZE AS SHOWN).
 - 412 102.8a/108.3 - FIRE HYDRANT
 - 415 102.8k/108.4 - TAPPING SADDLE (SIZE AS SHOWN ON PLAN)
 - 426 CONNECT TO EXISTING WATER PIPE/VALVE/FITTING. THE CONTRACT UNIT PRICE FOR WATER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING PIPELINE.
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6\" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12\" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4\" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2\" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2\" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2\" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 730 212 - RESOD AREA AS SHOWN (INCLUDES 6\" OF TOPSOIL PLACEMENT PRIOR TO SOD PLACEMENT)
 - 801 PROTECT TREE
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.

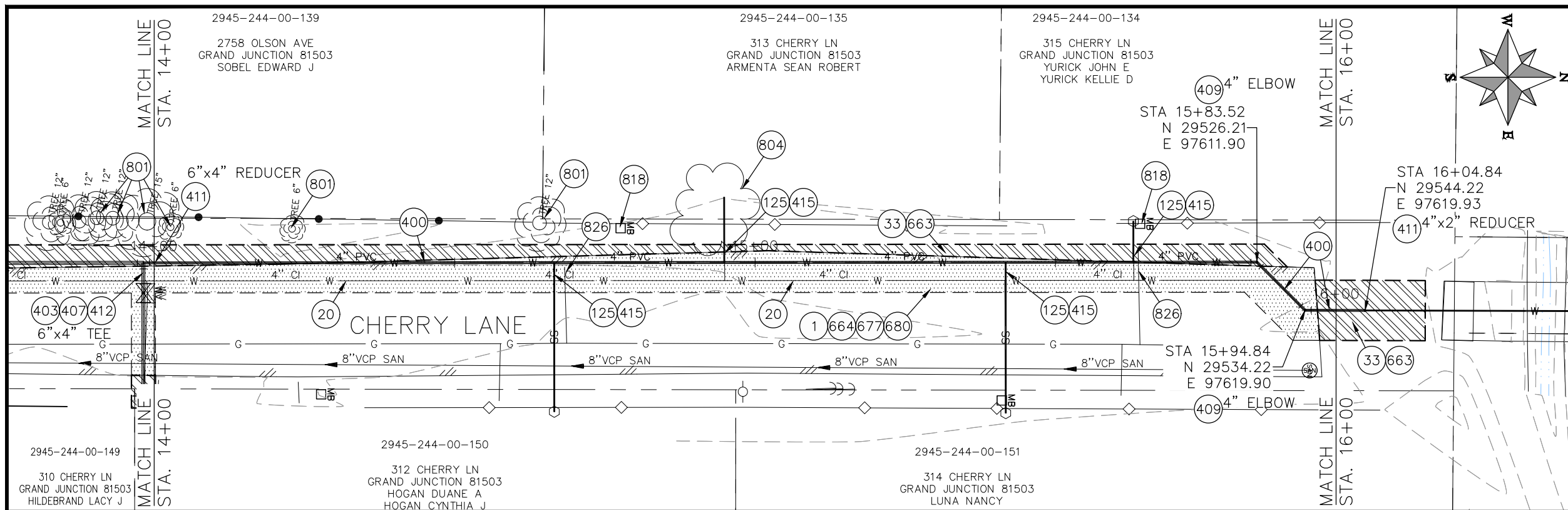


REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
REVISION Δ XXX		202X	DRAWN BY DJM	04/2021
REVISION Δ XXX		202X	DESIGNED BY DJM	4/2021
REVISION Δ XXX		202X	CHECKED BY EM	2021
REVISION Δ XXX		202X	APPROVED BY KH	2021

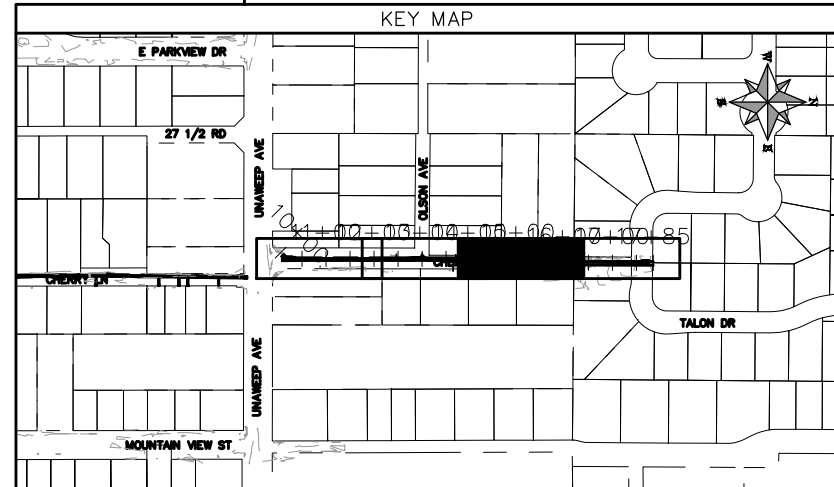
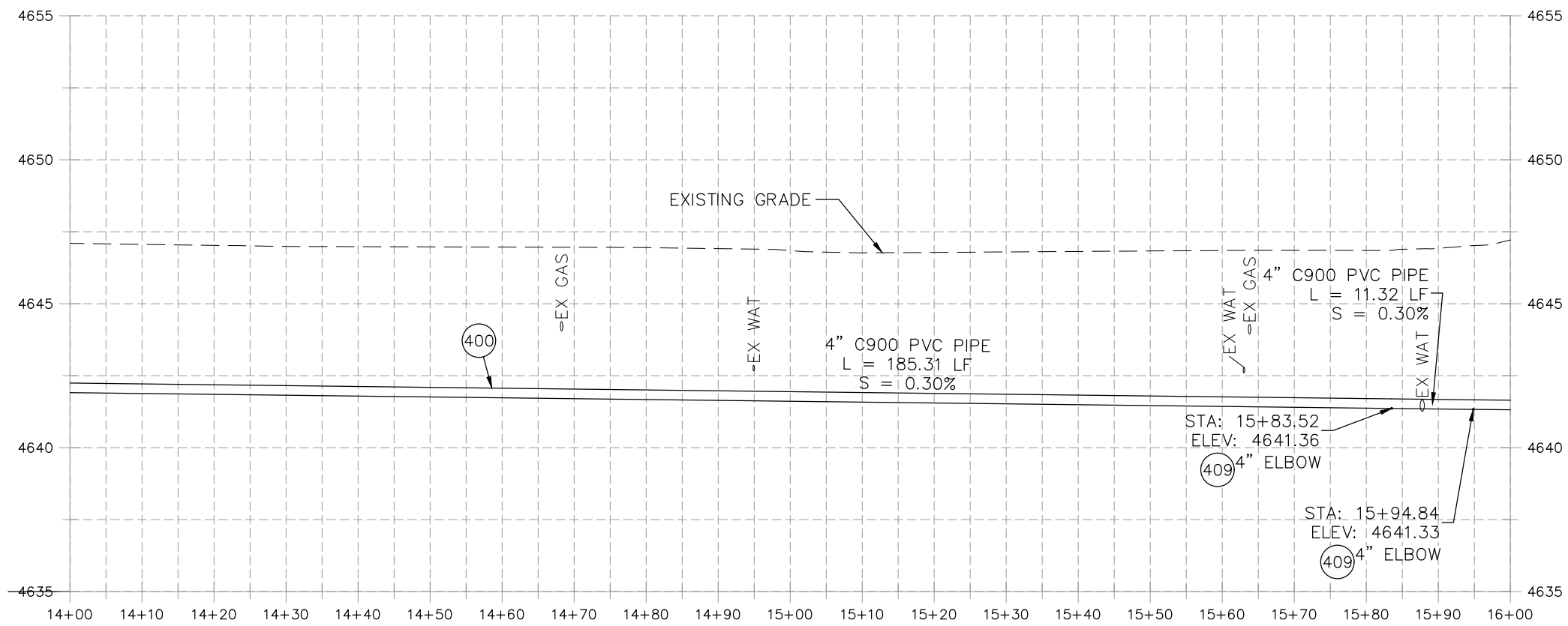


**PUBLIC WORKS
ENGINEERING DIVISION**

**2021 SEWER LINE REPLACEMENT - PHASE A
CHERRY LANE WATERLINE PLAN AND PROFILE
STA 12+00 TO STA 14+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 20 202 - ABANDON PIPE. ABANDON BY PLUGGING REMAINING ENDS WITH CONCRETE.
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 125 104 - CONNECT EXISTING COPPER SERVICE TO NEW MAIN.
 - 400 102.7/108.2 - WATER MAIN PIPE (C-900 PVC) (SIZE AS SHOWN). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16
 - 403 102.8b/108.3 - GATE VALVE. (SIZE AS SHOWN)
 - 407 102.8/108.3 - TEE (SIZE AS SHOWN).
 - 409 102.8/108.3 - ELBOW (SIZE AND ANGLE AS SHOWN)
 - 411 102.8/108.3 - REDUCER (SIZE AS SHOWN).
 - 412 102.8a/108.3 - FIRE HYDRANT
 - 415 102.8k/108.4 - TAPPING SADDLE (SIZE AS SHOWN ON PLAN)
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 801 PROTECT TREE
 - 804 PROTECT SHRUB
 - 818 PROTECT MAILBOX.
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



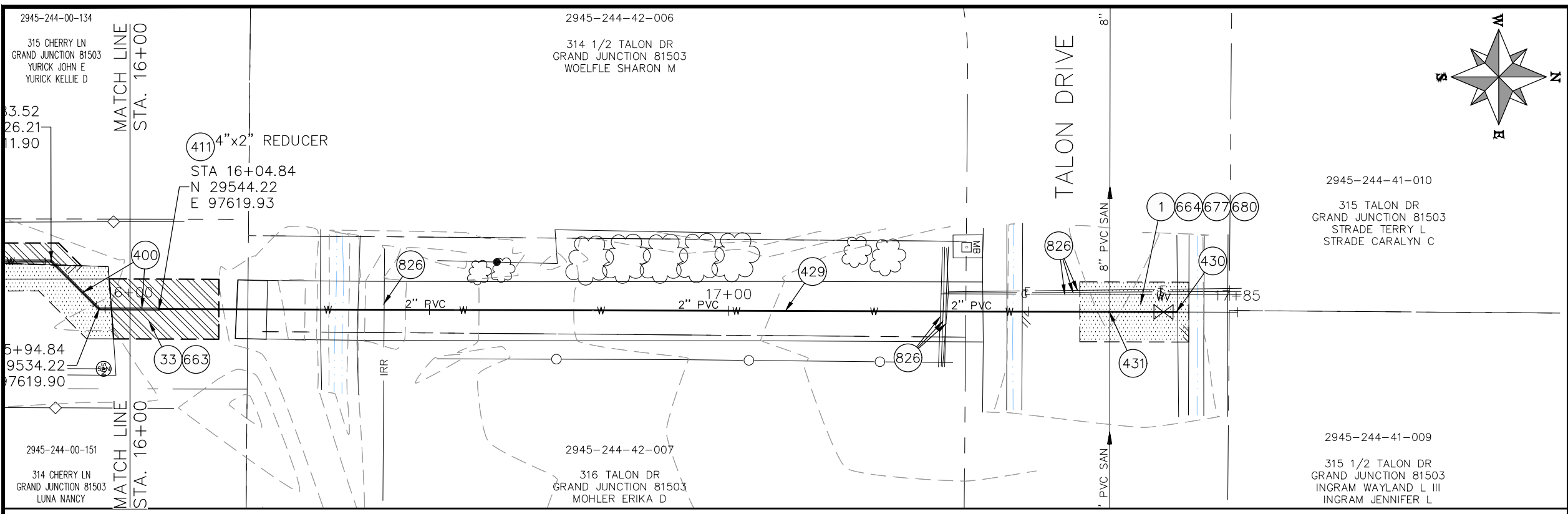
REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
REVISION Δ XXX		202X	----	04/2021
REVISION Δ XXX		202X		4/2021
REVISION Δ XXX		202X		2021
REVISION Δ XXX		202X		2021

SCALE	DATE	BY
HORIZONTAL: 1" = 20'	04/2021	DJM
VERTICAL: 1" = 5'	4/2021	DJM
	2021	EM
	2021	KH

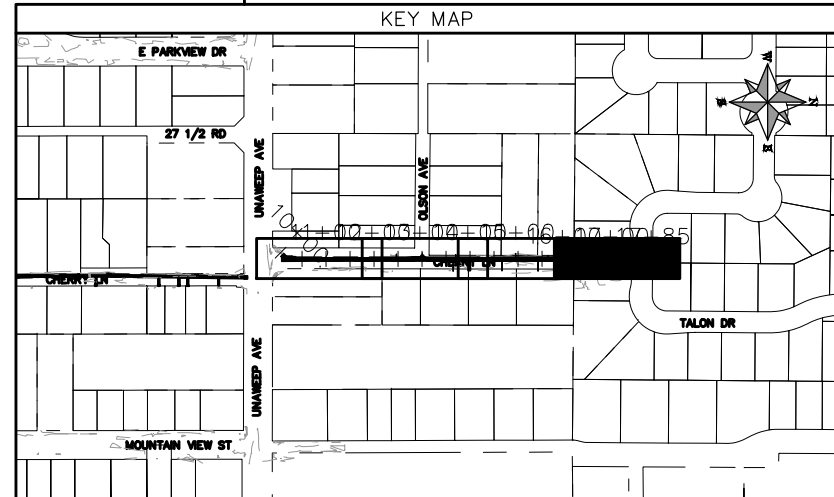
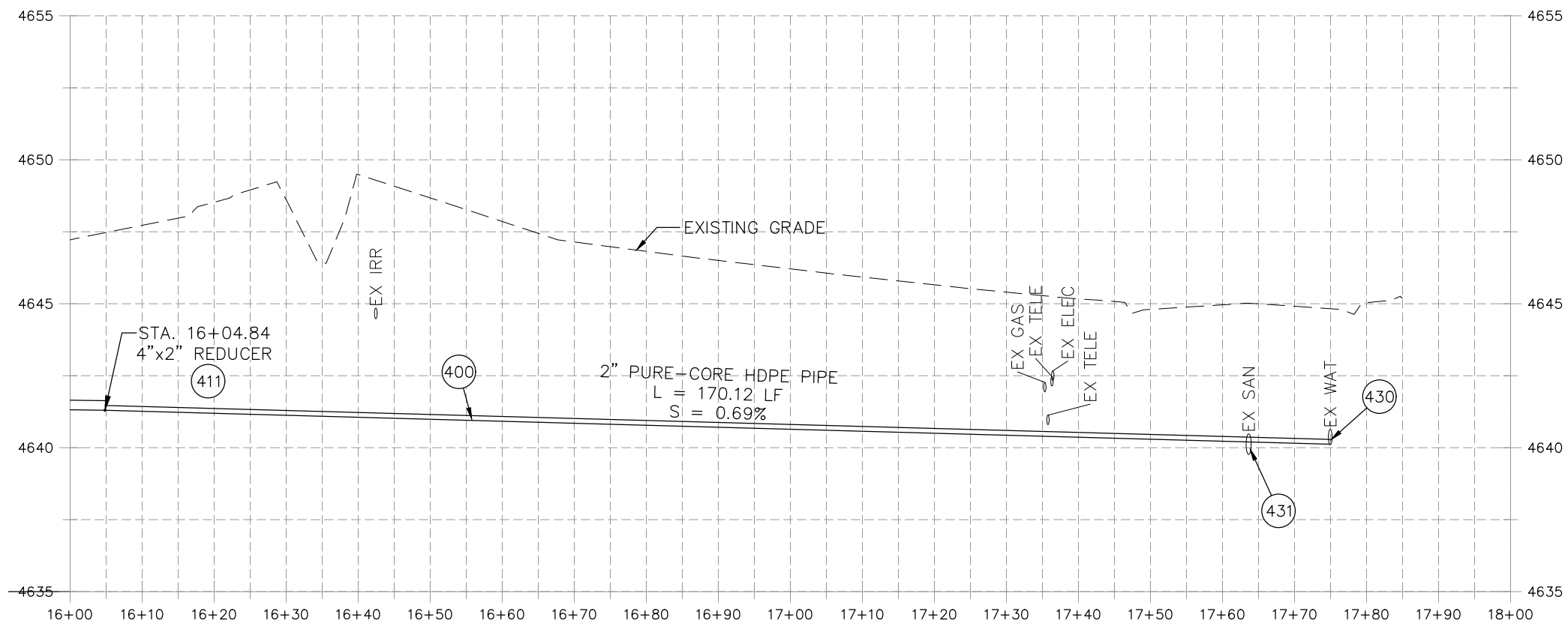


**PUBLIC WORKS
ENGINEERING DIVISION**

**2021 SEWER LINE REPLACEMENT - PHASE A
CHERRY LANE WATERLINE PLAN AND PROFILE
STA 14+00 TO STA 16+00**



- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
 - 33 202 - REMOVE EXISTING SURFACE MATERIAL.
 - 125 104 - CONNECT EXISTING COPPER SERVICE TO NEW MAIN.
 - 400 102.7/108.2 - WATER MAIN PIPE (C-900 PVC) (SIZE AS SHOWN). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16
 - 403 102.8b/108.3 - GATE VALVE. (SIZE AS SHOWN)
 - 407 102.8/108.3 - TEE (SIZE AS SHOWN).
 - 409 102.8/108.3 - ELBOW (SIZE AND ANGLE AS SHOWN)
 - 411 102.8/108.3 - REDUCER (SIZE AS SHOWN).
 - 412 102.8a/108.3 - FIRE HYDRANT
 - 415 102.8k/108.4 - TAPPING SADDLE (SIZE AS SHOWN ON PLAN)
 - 429 2" PURE-CORE HDPE PIPE SHALL BE BORED. BORING COST WILL BE INCLUDED.
 - 430 6"x2" SADDLE TAP WITH VALVE TO BE INSTALLED BY CITY.
 - 431 WATER LINE TO CROSS UNDER SANITARY SEWER LINE (SEE CITY STD. DETAIL GU-04).
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 664 304 - AGGREGATE BASE COURSE (CLASS 6) (12" THICK)
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
 - 680 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (2" THICK) (GRADING SX, BINDER GRADE PG 64-22, GYR = 75) (ONE 2" LIFT TOP MAT) (T-TOP PATCH) (SEE CITY STD. DETAIL GU-03)
 - 801 PROTECT TREE
 - 804 PROTECT SHRUB
 - 818 PROTECT MAILBOX.
 - 826 PROTECT EXISTING UTILITY LINE IN PLACE.



REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
REVISION Δ XXX		202X	----	04/2021
REVISION Δ XXX		202X	----	4/2021
REVISION Δ XXX		202X	----	2021
REVISION Δ XXX		202X	----	2021

SCALE	DESCRIPTION
0 5 10 20	HORIZONTAL: 1" = 20'
0 1.25 2.5 5	VERTICAL: 1" = 5'



**PUBLIC WORKS
ENGINEERING DIVISION**

**2021 SEWER LINE REPLACEMENT - PHASE A
CHERRY LANE WATERLINE PLAN AND PROFILE
STA 16+00 TO STA 18+00**