

SAFE ROUTES TO SCHOOL

PALMER STREET IMPROVEMENTS

(UnawEEP Avenue - Highway 50)

PROJECT NOTES

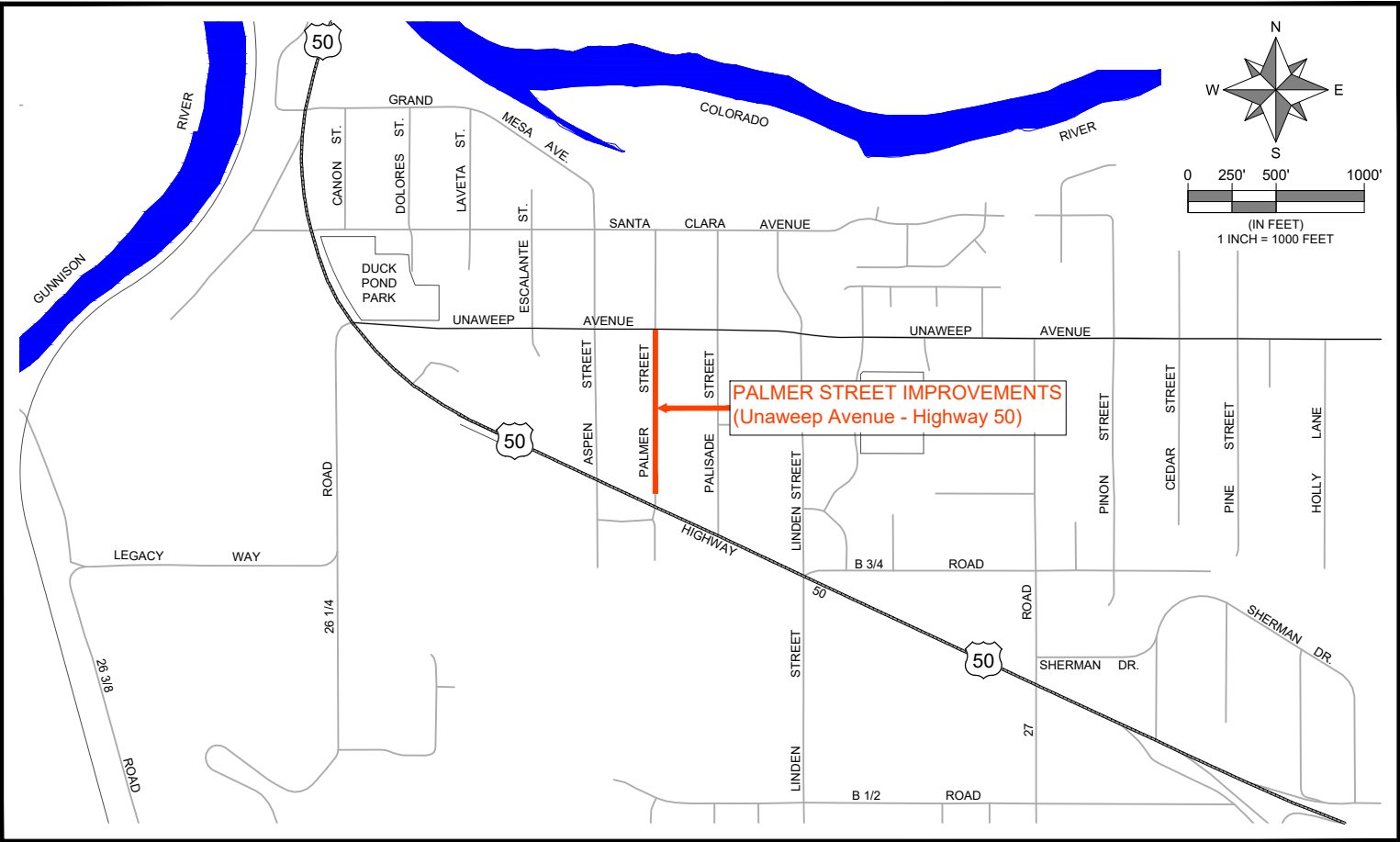
PROJECT DESCRIPTION:
The project shall provide a Safe Route To School for pedestrians on the east side of the current asphalt pavement of Palmer Street from the intersection of UnawEEP Avenue southerly to the property located at 902 U.S. Highway 50. Improvements shall include storm water collection, widening of the current asphalt pavement, monolithic drive over concrete curb, gutter & sidewalk and sidewalk improvements at the Palmer Street & UnawEEP Avenue intersection. Said project improvements shall consist of but not be limited to the following items: (See the Contract Documents for a complete list of Bid Items & Quantities)

- A. Monolithic Drive Over Concrete Curb, Gutter & Sidewalk (City of Grand Junction Std. Detail C-03)
- B. Hot Mix Asphalt (2" & Variable Thickness) (Grading SX, 75 Binder Grade, PG-22) (One (1) - 2" & Variable Lift)
- C. Hot Mix Asphalt (2" & Variable Thickness) (Grading SX, 75 Binder Grade, PG-22) (One (1) - 2" & Variable Lift)
- D. Concrete Curb Ramp (Type 2) (Large Radius with Vertical Curb) / Detectable Warnings
- E. Concrete Sidewalk (4" Thick)
- F. Class 3 Aggregate Base Course (Subgrade Stabilization - directed by Project Engineer)
- G. Class 6 Aggregate Base Course
- H. Reconditioning (6" Deep) (Below Hot Mix Asphalt)
- I. Reconditioning (12" Deep) (Below C-03)
- J. Driveway Gravel (3/4") (2") (Back of Sidewalk - Grading Limits)
- K. 12" Storm Pipe (HDPE) / 12" Flared End Sections
- L. Single Storm Drain Inlet (Roll-Over Curb) (24" x 36") (City of Grand Junction Std. Detail D-06)
- M. Removals (Asphalt / Concrete)
- N. Unclassified Excavation / Unclassified Embankment
- O. Muck Excavation (Subgrade Stabilization - directed by Project Engineer)
- P. Structure Backfill (Single Storm Drain Inlets)
- Q. Storm Drain Inlet Protection (Type II)
- R. Removal & Reset Items
- S. Pavement Markings

STORM SEWER IMPROVEMENTS:
A new 12" HDPE storm sewer extends from the southerly end of the project to the existing ditch at the approximate mid-point of the improvement project. The storm pipe will encounter existing utility services (gas and water) as field located from utility line locates and evidence of service meters. Said utility service lines may need to be adjusted to accommodate the new storm line. An abandoned 4" cast-iron water line runs adjacent to and crosses the storm pipe alignment for approximately two-hundred feet (200') beginning at STIN No. 1. The contractor shall remove and/or cut and cap said abandoned line as necessary to accommodate the new storm line.

The existing utility services and abandoned water line are shown at approximate depths as noted on the Storm Sewer Plan & Profile Sheet 12. Potential utility conflicts have been highlighted on this plan. No actual pot holing was done to determine the actual location of said services or lines either horizontally or vertically. The contractor is responsible for the exact locations of all utilities in the construction area.

UTILITIES NOTE:
NOTIFY AFFECTED UTILITY PROVIDERS A MINIMUM OF 48 HOURS IN ADVANCE OF ANY EXCAVATIONS EXPOSING UTILITY LINES. SEE LISTING OF UTILITY PROVIDERS IN THE PROJECT AREAS & THE RESPONSIBLE PERSONNEL. INFORMATION PROVIDED HEREON IS SUBJECT TO CHANGE AND SHALL BE VERIFIED BY THE CONTRACTOR.



PROJECT LOCATION MAP

INDEX OF SHEETS

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UTILITY PROVIDER INFORMATION

AGENCY	NAME	POSITION	ROLE	ADDRESS	CITY, STATE, ZIP	PHONE NO.
CITY OF GRAND JUNCTION	LISA FROSHAUG	PROJECT ENGINEER	PROJECT MANAGER	244 NORTH 7TH STREET	GRAND JUNCTION, CO. 81501	(970) 244-1592
CITY OF GRAND JUNCTION	TOBY THIEMAN	PROJECT MANAGER	SANITARY SEWER	244 NORTH 7TH STREET	GRAND JUNCTION, CO. 81501	(970) 244-1559
ORCHARD MESA IRRIGATION			IRRIGATION	668 38 ROAD	PALISADE, CO. 81526	(970) 464-7885
SPECTRUM			CABLE TV	2502 FORESIGHT CIRCLE	GRAND JUNCTION, CO. 81504	(970) 245-8750
CENTURYLINK			TELEPHONE	2524 BLICHMANN AVENUE	GRAND JUNCTION, CO. 81504	(970) 244-4311
UTE WATER			WATER	2190 H 1/4 ROAD	GRAND JUNCTION, CO. 81505	(970) 242-7491
XCEL			ELECTRIC	2538 BLICHMANN AVENUE	GRAND JUNCTION, CO. 81506	(970) 244-2664
XCEL			GAS	2538 BLICHMANN AVENUE	GRAND JUNCTION, CO. 81506	(970) 244-2656

DRAWING STATUS:

- ☒ FOR BID DRAWINGS: Date: _____
- ☐ FOR CONSTRUCTION DRAWINGS: Date: _____
- ☐ AS-BUILT DRAWINGS: Date: _____

REVISION	DESCRIPTION	DATE
REVISION 1		
REVISION 2		
REVISION 3		
REVISION 4		

PROJECT NO.	F240301
DRAWN BY:	NCW DATE 01/2025
DESIGNED BY:	NCW DATE 01/2025
CHECKED BY:	LMF DATE 01/2025
APPROVED BY:	KH DATE 01/2025



Engineering & Transportation
Department
244 North 7th Street - Grand Junction, CO. 81501
(970) 256-4003

PROJECT COVER SHEET
Safe Routes To School - Palmer Street Improvements
(UnawEEP Avenue - Highway 50)

ABBREVIATIONS

AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY & TRANSPORTATION OFFICIALS
ABC	AGGREGATE BASE COURSE
AC	ASBESTOS CEMENT
ASB	ANCHORED STRAW BALES
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS
AWWA	AMERICAN WATER WORKS ASSOCIATION
BOC	BACK OF CURB
BOW	BACK OF WALK
BOT	BOTTOM
BSWMP	BETTER STORM WATER MANAGEMENT PRACTICES
CHD	CHORD
CAP	CORRUGATED ALUMINUM PIPE
CDOT	COLORADO DEPARTMENT OF TRANSPORTATION
CI	CAST IRON
C,G,&SW	CURB, GUTTER & SIDEWALK
CL	CENTER LINE
CMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
COMB	COMBINATION (STORM SEWER & SANITARY SEWER)
CONC	CONCRETE
DI	DUCTILE IRON
DWY	DRIVEWAY
E	ELECTRIC
EL	ELEVATION
EP	EDGE OF PAVEMENT
EX	EXISTING
FC	FACE OF CURB
FG	FINISHED GRADE
FL	FLOW LINE
FM	FORCE MAIN
FO	FIBER OPTICS
FTG	FOOTING
G	GAS
GB	GRADE BREAK
GM	GAS METER
GV	GAS VALVE
HDPE	HIGH DENSITY POLYETHYLENE
INV	INVERT
IRR	IRRIGATION
L	LENGTH OF CHORD
LF	LINEAL FEET
LT	LEFT
MB	MAILBOX
MH	MANHOLE
N/A	NOT APPLICABLE
NRCP	NON-REINFORCED CONCRETE PIPE
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
POC	POINT ON CURVE
POT	POINT OF TANGENT
PR	PROPOSED
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
RAD	RADIUS
RCP	REINFORCED CONCRETE PIPE
REQ'D	REQUIRED
RG	RESTRAINED GLANDS
RL	LONG RADIUS
ROW	RIGHT-OF-WAY
RR	RAILROAD
RT	RIGHT
S	SLOPE
SAN	SANITARY
SCD	STANDARD CONTRACT DOCUMENTS
SCH	SCHEDULE
SF	SILT FENCE
SL	SECTION LINE
SSRB	STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION
SSUU	STANDARD SPECIFICATIONS FOR UNDERGROUND UTILITIES
STA	STATION
ST	STORM
T	TELEPHONE
TAN	LENGTH OF TANGENT
TC	TOP OF CURB
TV	TELEVISION
TYP	TYPICAL
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

BUILDING	
CONCRETE CURB, GUTTER, & SIDEWALK	
CULVERT (SIZE & TYPE)	
EDGE OF GRAVEL	
EDGE OF ASPHALT PAVEMENT	
FENCE (HEIGHT & MATERIAL NOTED)	
CL (CENTER OF IMPROVEMENTS)	
LINE (EASEMENT)	
LINE (SECTION)	
LINE (LOT LINES)	
LINE (RIGHT OF WAY)	
LINE (GRADING LIMITS)	
PROPOSED CONCRETE CURB, GUTTER, & SIDEWALK	
PROPOSED ASPHALT PAVEMENT	
MILL ASPHALT PAVEMENT	
REMOVAL ASPHALT PAVEMENT	
REMOVAL CONCRETE SIDEWALK / PAVEMENT	
STONE RIP-RAP	
STRIPING (CONTINUOUS YELLOW)	

EXISTING / PROPOSED
ALL PROPOSED FEATURES NOT SHOWN IN LEGEND WILL BE SHOWN THE SAME AS THEIR EXISTING COUNTERPART, BUT WILL BE INDICATED BY BOLDER LINETYPES.

UTILITY LINE (ABANDON)	
UTILITY LINE (CABLE TV)	
UTILITY LINE (ELECTRIC)	
UTILITY LINE (FIBER OPTIC)	
UTILITY LINE (GAS)	
UTILITY SERVICE LINE (GAS)	
UTILITY LINE (HIGH VOLTAGE OVERHEAD POWER)	
UTILITY LINE (OVERHEAD POWER)	
UTILITY LINE (OVERHEAD TELEPHONE)	
UTILITY LINE (SANITARY SEWER)	
UTILITY LINE (IRRIGATION LINE)	
UTILITY LINE (SANITARY SEWER SERVICE)	
UTILITY LINE (STORM SEWER)	
UTILITY LINE (STORM SEWER)	
UTILITY LINE (TELEPHONE)	
UTILITY LINE (WATER)	
UTILITY SERVICE LINE (WATER)	

SYMBOLS

ABOVE GROUND UTILITY & TOPOGRAPHIC FEATURES	
CATCH BASIN / STORM INLET	
CLEANOUT (SANITARY)	
ELECTRICAL PULL BOX	
FIRE HYDRANT	
GUY WIRE ANCHOR	
IRRIGATION PUMP	
MAILBOX	
MANHOLE (ELECTRICAL)	
MANHOLE (GAS)	
MANHOLE (IRRIGATION)	
MANHOLE (SANITARY)	
MANHOLE (STORM)	
MANHOLE (TELEPHONE)	
MANHOLE (WATER)	
METER (GAS)	
METER (WATER)	
PEDESTAL (COMMUNICATIONS)	
PEDESTAL (TELEPHONE)	
SIGN OR SIGN POST (TYPE NOTED)	
STREET LIGHT	
UTILITY POLE	
VALVE (GAS)	
VALVE (IRRIGATION)	
VALVE (WATER)	
VEGETATION (HEDGE OR BUSH)	
VEGETATION (TREE)(DIA. SIZE)	
SURVEY MONUMENTATION	
FOUND PROPERTY MONUMENT	
SURVEY MONUMENT (CITY MARKER)	
SURVEY MONUMENT (SECTION CORNER)	

REVISION	DESCRIPTION	DATE	PROJECT NO.	F240301	SCALES:
REVISION	△	—	DRAWN BY:	NCW	DATE 01/2025
REVISION	△	—	DESIGNED BY:	—	DATE —
REVISION	△	—	CHECKED BY:	LMF	DATE 01/2025
REVISION	△	—	APPROVED BY:	KH	DATE 01/2025



Engineering & Transportation
Department
244 North 7th Street - Grand Junction, CO. 81501
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ABBREVIATIONS / LEGEND / SYMBOLS
SRTS - Palmer Street Improvements
(Unaweeep Avenue - Highway 50)

SUMMARY OF APPROXIMATE QUANITITES

(FOR REFERENCE ONLY - REFER TO BID SCHEDULE IN THE CONTRACT DOCUMENTS TO CONFIRM DESCRIPTIONS & QUANTITIES)

ITEM NO.	CDOT / CITY REF.	DESCRIPTION	QUANTITY	UNIT
1	108.2	12" Storm Pipe (HDPE)	481	LF
2	108.2	12" Flared End Section	2	EA
3	108.5	Single Storm Drain Inlet (Roll-Over Curb) (24" x 36") (City of Grand Junction Std. Detail D-06)	2	EA
4	202	Removal of Asphalt Mat (Full Depth)	2.5	SY
5	202	Removal of Asphalt Mat (Planing)	205	SY
6	202	Removal of Existing Concrete (Includes Curb & Gutter, Sidewalk & Pavement)	96	SY
7	203	Unclassified Excavation	650	CY
8	203	Unclassified Embankment	200	CY
9	203	Muck Excavation (Subgrade Stabilization as directed by Project Engineer)	150	CY
10	208	Storm Drain Inlet Protection (Type II)	2	EA
11	208	Concrete Washout Facility	1	EA
12	210	Reset Landscape Ground Cover (Parcel 17)	1	LS
13	210	Remove & Reset Mailbox	14	EA
14	210	Reset Sign	1	EA
15	210	Reset Water Service	4	EA
16	210	Adjust Water Valve	2	EA
17	210	Relocate Water Valve	1	EA
18	212	Driveway Gravel (3/4") (2") (Back of Sidewalk - Grading Limits)	567	SY
19	304	Class 3 Aggregate Base Course (Subgrade Stabilization as directed by Project Engineer)	21	TON
20	304	Class 6 Aggregate Base Course	770	TON
21	306	Reconditioning (6" Deep) (Below Hot Mix Asphalt)	285	SY
22	306	Reconditioning (12" Deep) (Below C-03)	1,002	SY
23	401	Hot Mix Asphalt (5" Thick) (Grading SX, 75 Binder Grade, PG-22) (One (1) - 3" Lift & One (1) 2" Lift)	80	TON
24	401	Hot Mix Asphalt (2" & Variable Thickness) (Grading SX, 75 Binder Grade, PG-22) (One (1) - 2" & Variable Lift)	21	TON
25	420	Geotextile Separator (CI 2) (Subgrade Stabilization as directed by Project Engineer)	395	SY
26	506	Rip Rap (6")	5	CY
27	608	Concrete Curb Ramp (Type 2) (Large Radius with Vertical Curb) (20' Radius) (Per CDOT Std. Plan No. M-608-1, Std. Sht. 5)	50	SY
28	608	Monolithic Drive Over Concrete Curb, Gutter & Sidewalk (6") (City of Grand Junction Std. Detail C-03)	970	SY
29	608	Monolithic Drive Over Concrete Curb, Gutter & Sidewalk (8") (City of Grand Junction Std. Detail C-03) (902 Hwy. 50)	35	SY
30	608	Concrete Sidewalk (4" Thick)	25	SY
31	608	Detectable Warnings (Per CDOT M&S Std. Plan M-608-1, Sht. 9)	2	EA
32	620	Sanitary Facility	1	EA
33	625	Construction Surveying (Includes AS-BUILT Drawings)	1	LS
34	626	Mobilization	1	LS
35	627	Pre-Formed Thermoplastic - 24" Wide White CROSSWALK	90	SF
36	627	Pre-Formed Thermoplastic - 12" Wide White STOP BAR	12	SF
37	630	Traffic Control (Complete in Place)	1	LS
38	630	Flagging	14	DAY

<u>EARTHWORK QUANTITY SUMMARY</u> (For Information Only)	
TOTAL UNCLASSIFIED EXCAVATION	650 CU YDS
TOTAL EMBANKMENT	200 CU YDS
(Embankment Compaction Factor = 1.15)	
EXCESS MATERIALS BALANCE	450 CU YDS
(Excess Materials hauled off-site by contractor)	

QUANTITY CALCULATIONS NOTE:

FOR THE TABULATION OF APPROXIMATE QUANTITIES, THE FOLLOWING RATES OF APPLICATION WERE USED:

HOT MIX ASPHALT (GRADING SX)	110 LBS / SQ YD / INCH
AGGREGATE BASE COURSE (CLASS 3)	133 LBS / CU FT
AGGREGATE BASE COURSE (CLASS 6)	133 LBS / CU FT

DESCRIPTION		DATE	PROJECT NO. F240301		SCALES:
REVISION 		-	DRAWN BY: NCW	DATE 01/2025	
REVISION 		-	DESIGNED BY:	DATE	
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REVISION 		-	APPROVED BY: KH	DATE 01/2025	

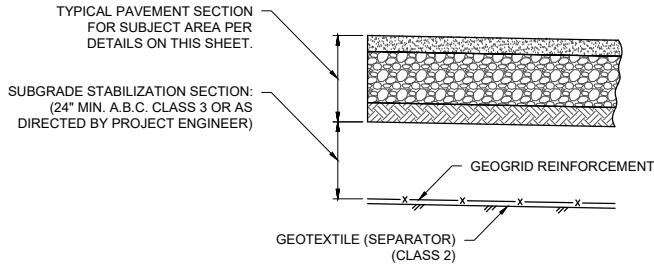


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SUMMARY OF APPROXIMATE QUANTITIES

SRTS - Palmer Street Improvements
(UnawEEP Avenue - Highway 50)



SUBGRADE STABILIZATION DETAIL
(FOR UNSTABLE AREAS AS DIRECTED BY PROJECT ENGINEER)

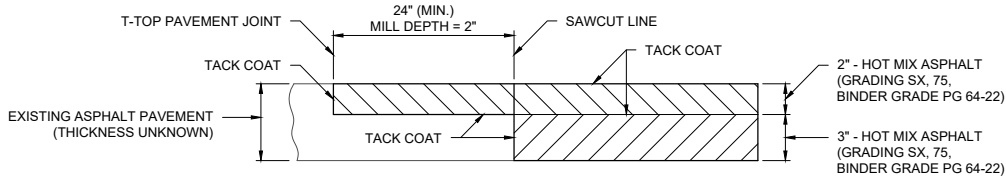
NOTE:

CONTRACTOR SHALL ACCOUNT FOR UP TO 25% OF THE TOTAL ROADWAY RECONSTRUCTION IN THE AREAS REQUIRING SUBGRADE STABILIZATION (BASE COURSE & SURFACING AREAS), AS SHOWN ON THE "SUBGRADE STABILIZATION DETAIL" WHEN PREPARING THE PROJECT CONSTRUCTION SCHEDULE.

NO ADJUSTMENT IN ALLOWABLE WORKING TIME WILL BE CONSIDERED IF THE AMOUNT OF SUBGRADE STABILIZATION IS LESS THAN 25% OF THE TOTAL ROADWAY RECONSTRUCTION AREA.

THE WORK FOR SUBGRADE STABILIZATION WILL BE PAID FOR SEPARATELY AS FOLLOWS:

1. MUCK EXCAVATION
2. AGGREGATE BASE COURSE (CLASS 3)
3. GEOTEXTILE (SEPARATOR)(CLASS 2)
4. GEOGRID REINFORCEMENT

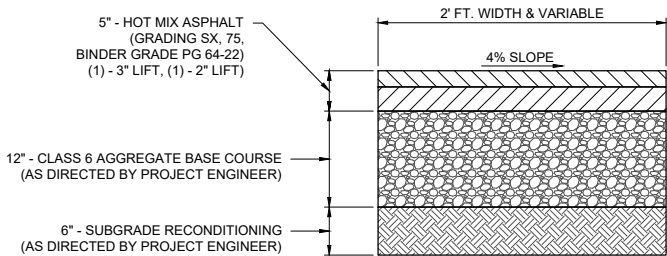


T-TOP NOTES:

1. THE MINIMUM T-TOP ASPHALT THICKNESS SHALL BE 2-INCH AND THE MINIMUM WIDTH SHALL BE TWO (2) FEET.
2. THE T-TOP PAVEMENT JOINT SHALL NOT BE LOCATED IN A VEHICLE WHEEL PATH. THE CONTRACTOR SHALL ADJUST THE T-TOP PAVEMENT JOINT ACCORDINGLY.

T-TOP DETAIL

(LOCATIONS AS DIRECTED BY PROJECT ENGINEER)



TYPICAL ASPHALT PAVEMENT SECTION

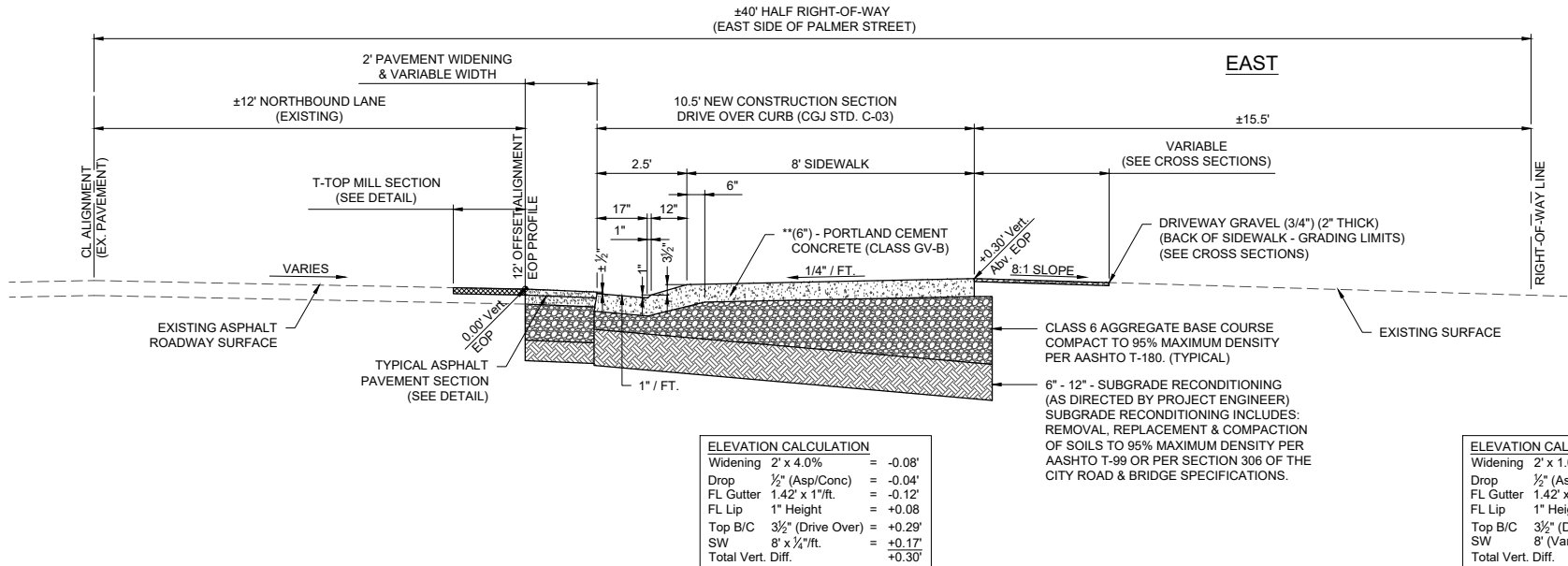
(SEE IMPROVEMENT PLANS FOR EXTENTS OF ASPHALT PAVEMENT)

ASPHALT PAVEMENT NOTE:

LEAVE EDGE OF NEW ASPHALT PAVEMENT WIDENING 1/2" MIN. ABOVE EDGE OF NEW CONCRETE GUTTER AS NOTED.

**** PORTLAND CEMENT CONCRETE NOTE:**

THE 8' SIDEWALK FROM STA. 5+75.00 - STA. 6+11.50 (902 HWY. 50) SHALL BE (8") - PORTLAND CEMENT CONCRETE (CLASS GV-B)



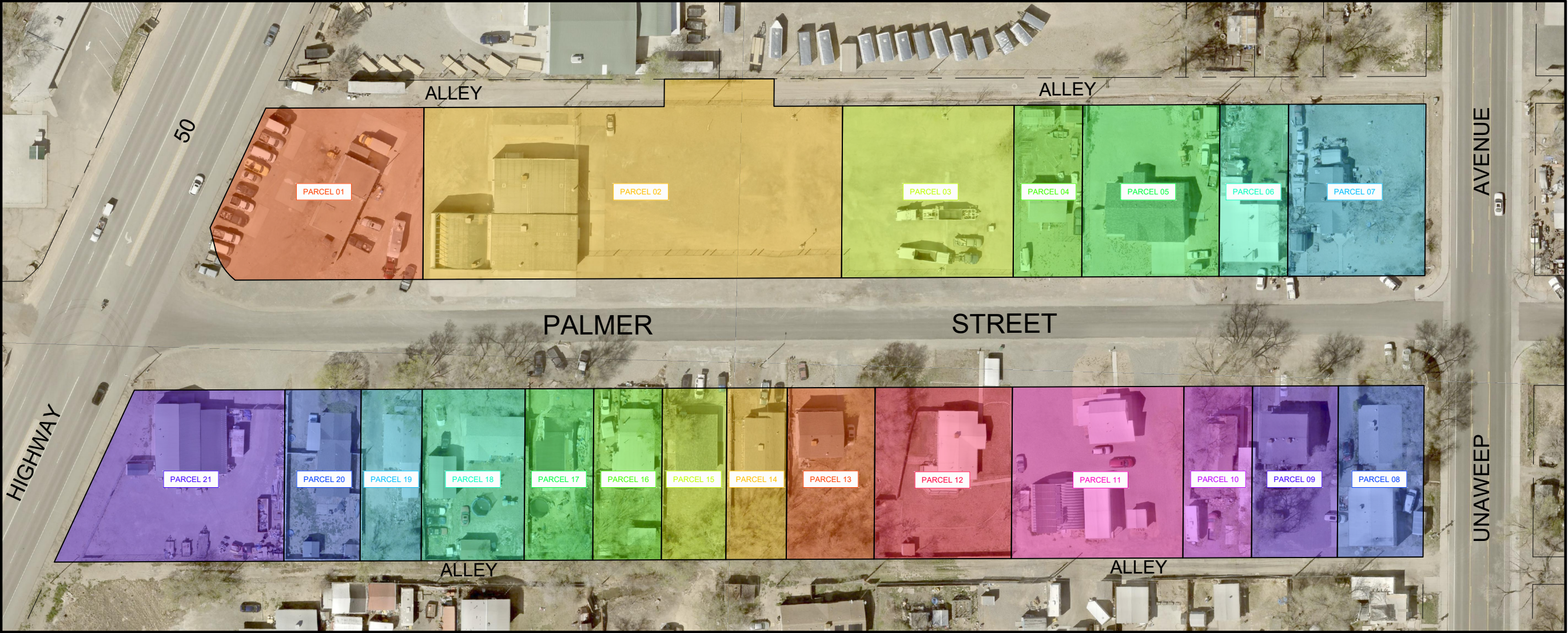
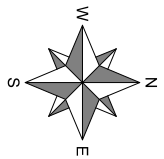
ROADWAY SECTION NO. 1 - PALMER STREET
(DRIVE OVER CURB, GUTTER & SIDEWALK)
(CITY STANDARD C-03)

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REVISION			CHECKED BY: LMF	DATE 01/2025	
REVISION			APPROVED BY: KH	DATE 01/2025	
NOT TO SCALE (UNLESS NOTED OTHERWISE)					



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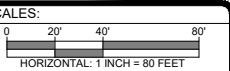
ROADWAY DETAILS & SIDEWALK SECTIONS
SRTS - Palmer Street Improvements
(Unawep Avenue - Highway 50)



PARCEL DESIGNATION	PARCEL NO.	PARCEL OWNER	PARCEL ADDRESS	MAILING ADDRESS
PARCEL 01	2945-261-15-003	BRP2, LLC.	840 HIGHWAY 50 GRAND JUNCTION, CO. 81503	2832 OXFORD AVENUE GRAND JUNCTION, CO. 81503
PARCEL 02	2945-261-15-008	HUMPHREY PALMER ST, LLC.	1919 PALMER STREET GRAND JUNCTION, CO. 81503	
PARCEL 03	2945-261-22-013	HUMPHREY PALMER ST, LLC.	1919 PALMER STREET GRAND JUNCTION, CO. 81503	
PARCEL 04	2945-261-42-001	RICKY L. & BECKY A. DELK	1835 PALMER STREET GRAND JUNCTION, CO. 81503	
PARCEL 05	2945-261-42-002	RICKY L. & BECKY A. DELK	1831 PALMER STREET GRAND JUNCTION, CO. 81503	
PARCEL 06	2945-261-22-002	JAMES A. HIGGINSON	1825 PALMER STREET GRAND JUNCTION, CO. 81503	
PARCEL 07	2945-261-22-001	ANNA MAE SMITH	1811 PALMER STREET GRAND JUNCTION, CO. 81503	830 UNAWEEP AVENUE GRAND JUNCTION, CO. 81503
PARCEL 08	2945-261-21-016	HOWARD FITZNER	1806 PALMER STREET GRAND JUNCTION, CO. 81503	
PARCEL 09	2945-261-21-019	HOWARD FITZNER	1816 PALMER STREET #A,#B,#C GRAND JUNCTION, CO. 81503	1806 PALMER STREET GRAND JUNCTION, CO. 81503
PARCEL 10	2945-261-21-010	MICHAEL C. WEST	1822 PALMER STREET GRAND JUNCTION, CO. 81503	
PARCEL 11	2945-261-21-009	ALLEN J. COCHRAN	1834 PALMER STREET GRAND JUNCTION, CO. 81503	2536 RIMROCK AVENUE - SUITE 400-317 GRAND JUNCTION, CO. 81505

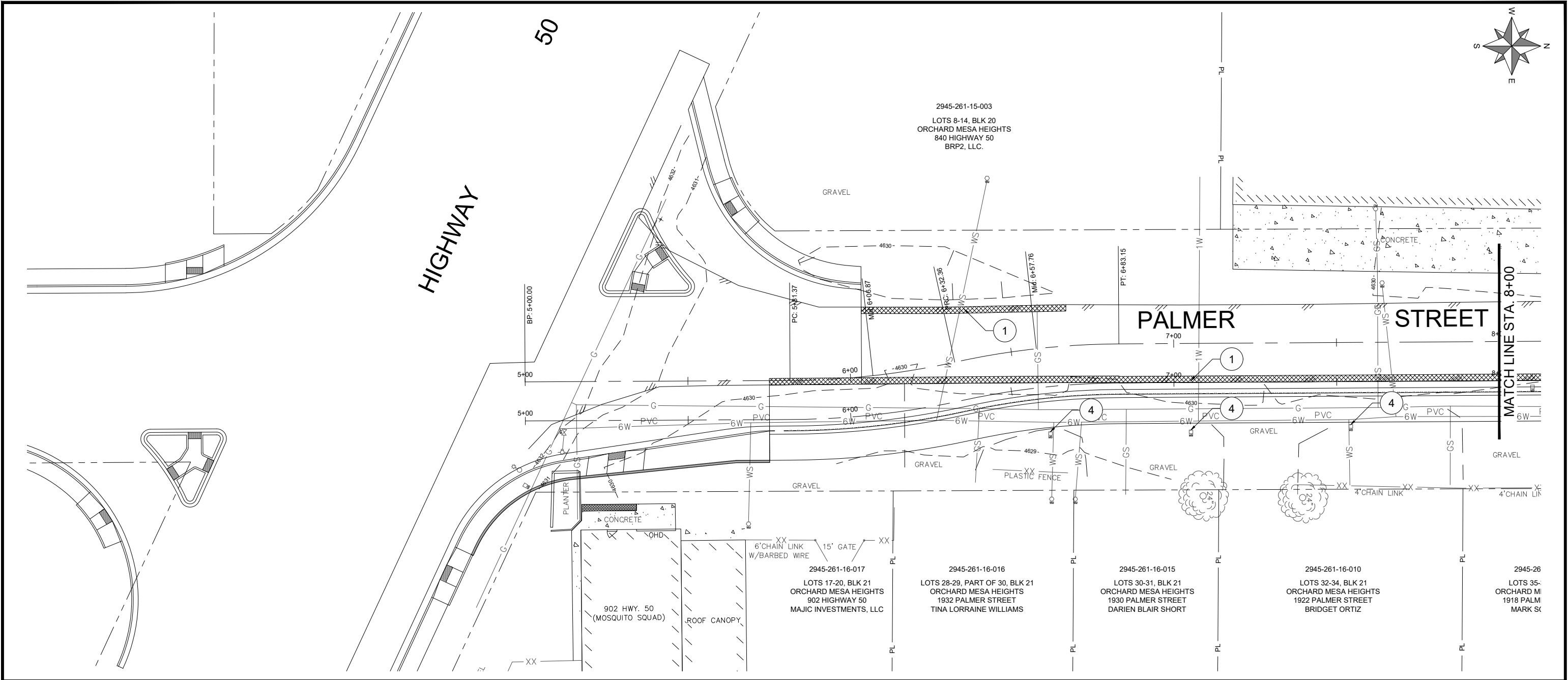
PARCEL DESIGNATION	PARCEL NO.	PARCEL OWNER	PARCEL ADDRESS	MAILING ADDRESS
PARCEL 12	2945-261-21-098	SHERRY RAE HARTIMAN	1880 PALMER STREET GRAND JUNCTION, CO. 81503	
PARCEL 13	2945-261-32-003	CHARLOTTE BAMBINO	1910 PALMER STREET GRAND JUNCTION, CO. 81503	
PARCEL 14	2945-261-32-002	NICHOLAS P. CRINKLAW	1912 PALMER STREET GRAND JUNCTION, CO. 81503	
PARCEL 15	2945-261-32-001	SEBRINA L. HAWKS	1914 PALMER STREET GRAND JUNCTION, CO. 81503	
PARCEL 16	2945-261-16-018	MICHAEL LAWLOR	1916 PALMER STREET GRAND JUNCTION, CO. 81503	
PARCEL 17	2945-261-16-011	MARK SCHULLER	1918 PALMER STREET GRAND JUNCTION, CO. 81503	
PARCEL 18	2945-261-16-010	BRIDGET & MARTIN J. ORTIZ	1922 PALMER STREET AVENUE GRAND JUNCTION, CO. 81503	
PARCEL 19	2945-261-16-015	DARIEN BLAIR SHORT	1930 PALMER STREET GRAND JUNCTION, CO. 81503	
PARCEL 20	2945-261-16-016	TINA LORRAINE WILLIAMS ALICIA M. ROMERO	1932 PALMER STREET GRAND JUNCTION, CO. 81503	
PARCEL 21	2945-261-16-017	MAJIC INVESTMENTS, LLC.	902 HIGHWAY 50 GRAND JUNCTION, CO. 81503	

REVISION	DESCRIPTION	DATE	PROJECT NO.	F240301
REVISION			DRAWN BY:	NCW
REVISION			DESIGNED BY:	
REVISION			CHECKED BY:	LMF
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(970) 256-4003

PROJECT PARCEL MAP
SRTS - Palmer Street Improvements
(Unaweep Avenue - Highway 50)



REMOVAL & RE-SET PLAN NOTES

- 1 MILL ASPHALT 2" MINIMUM DEPTH AS SHOWN PER T-TOP
DETAIL SHOWN ON SHEET 4.
- 4 REMOVE & RE-SET EXISTING MAILBOX AS NECESSARY.

REMOVAL & RE-SET PLAN LEGEND

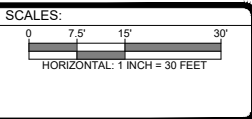


REMOVAL & RE-SET NOTES:

1. EXISTING MAILBOXES TO BE REMOVED DUE TO CONSTRUCTION ACTIVITIES SHALL BE RE-SET A MINIMUM OF ONE FOOT BEHIND THE BACK OF NEW SIDEWALK IMPROVEMENTS AS DIRECTED BY THE PROJECT ENGINEER.
2. EXISTING LANDSCAPE FEATURES REMOVED DUE TO CONSTRUCTION ACTIVITIES SHALL BE RE-SET A MINIMUM OF ONE FOOT BEHIND THE NEW SIDEWALK IMPROVEMENTS AS DIRECTED BY THE PROJECT ENGINEER.
3. EXISTING ASPHALT PAVEMENT TO BE REMOVED DUE TO CONSTRUCTION ACTIVITIES AND/OR NEW CONSTRUCTION IMPROVEMENTS SHALL BE REPLACED IN KIND OR AS DIRECTED BY THE PROJECT ENGINEER.
4. EXISTING CONCRETE SIDEWALK TO BE REMOVED DUE TO CONSTRUCTION ACTIVITIES AND/OR NEW CONSTRUCTION IMPROVEMENTS SHALL BE REPLACED IN KIND OR AS DIRECTED BY THE PROJECT ENGINEER.
5. EXISTING UTILITIES TO BE ADJUSTED TO MEET NEW IMPROVEMENT ELEVATIONS SHALL BE RE-SET AS DIRECTED BY THE PROJECT ENGINEER AND/OR PROVIDER UTILITY COMPANY.

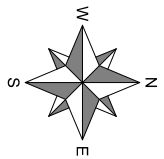
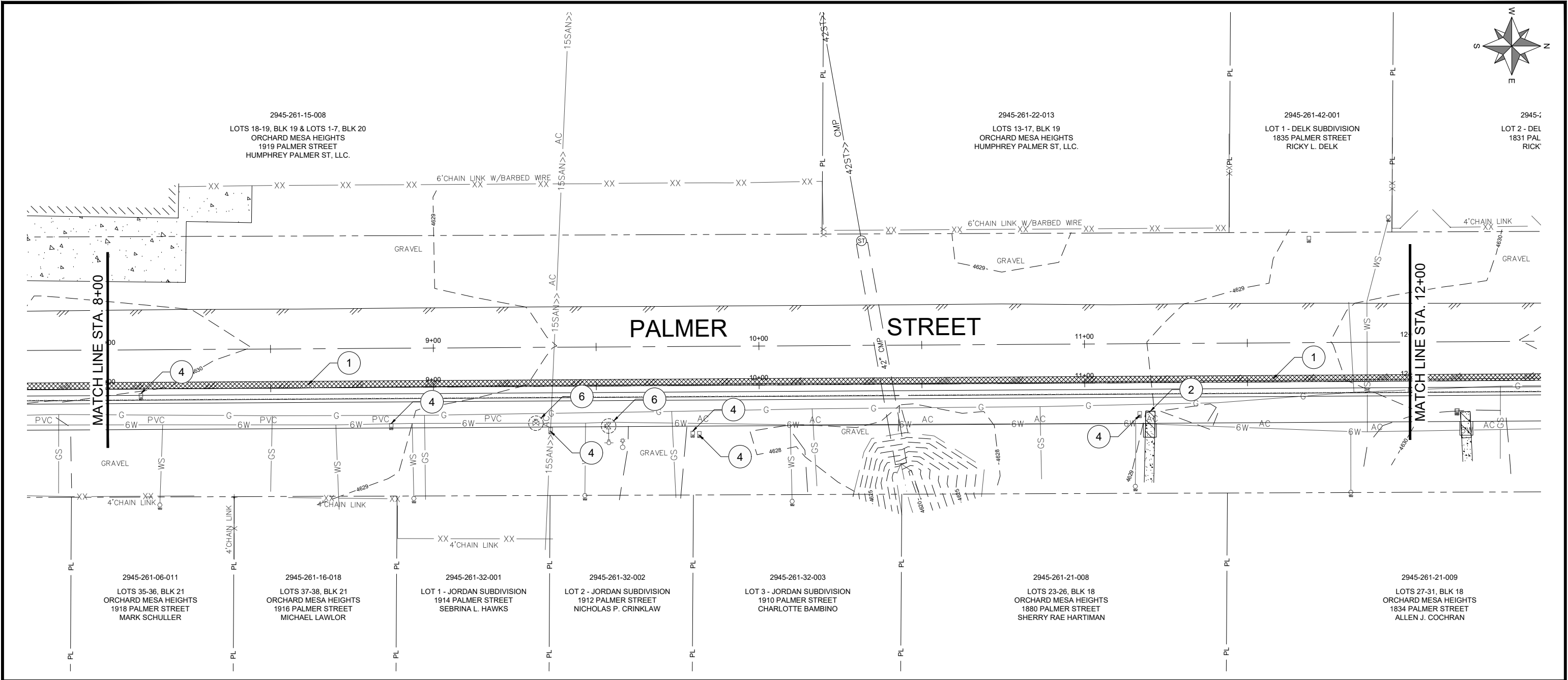
REVISION	DESCRIPTION	DATE
REVISION		
REVISION		
REVISION		

PROJECT NO.		F240301	
DRAWN BY:	NCW	DATE	01/2025
DESIGNED BY:	NCW	DATE	01/2025
CHECKED BY:	LMF	DATE	01/2025
APPROVED BY:	KH	DATE	01/2025



Engineering & Transportation
Department
244 North 7th Street - Grand Junction, CO. 81501
(970) 256-4003

REMOVAL & RE-SET PLAN (Sta. 5+00 - Sta. 8+00)
SRTS - Palmer Street Improvements
(Unaweep Avenue - Highway 50)



REMOVAL & RE-SET PLAN NOTES

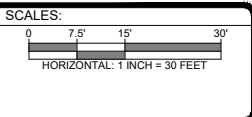
- 1 MILL ASPHALT 2" MINIMUM DEPTH AS SHOWN PER T-TOP DETAIL SHOWN ON SHEET 4.
- 2 REMOVAL OF CONCRETE SIDEWALK AND/OR PAVEMENT. REMOVE CONCRETE SIDEWALK TO NEAREST JOINT AS SHOWN.
- 4 REMOVE & RE-SET EXISTING MAILBOX AS NECESSARY.
- 6 ADJUST EXISTING WATER VALVE BOX TO MATCH NEW GRADE.

REMOVAL & RE-SET PLAN LEGEND

- MILL ASPHALT 2" MINIMUM DEPTH.
- REMOVAL OF EXISTING ASPHALT MAT
- REMOVAL OF EXISTING CONCRETE SIDEWALK AND/OR PAVEMENT.

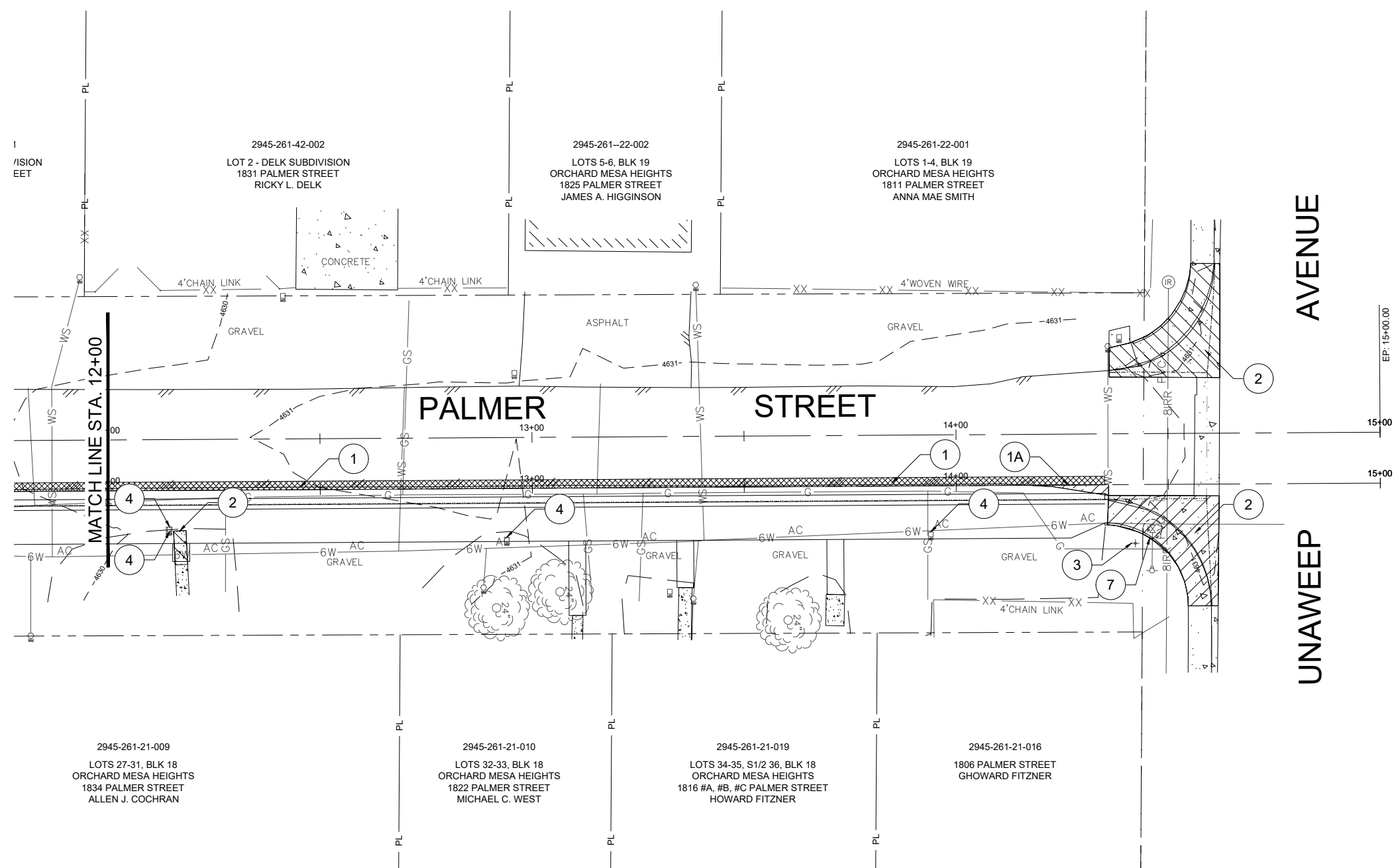
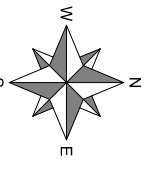
REVISION	DESCRIPTION	DATE
REVISION		
REVISION		
REVISION		

PROJECT NO. F240301	
DRAWN BY: NCW	DATE 01/2025
DESIGNED BY: NCW	DATE 01/2025
CHECKED BY: LMF	DATE 01/2025
APPROVED BY: KH	DATE 01/2025



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REMOVAL & RE-SET PLAN (Sta. 5+00 - Sta. 12+00)
SRTS - Palmer Street Improvements
(Unaweep Avenue - Highway 50)

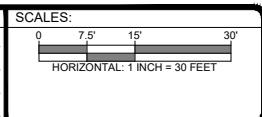


- REMOVAL & RE-SET PLAN NOTES**
- 1 MILL ASPHALT 2" MINIMUM DEPTH AS SHOWN PER T-TOP DETAIL SHOWN ON SHEET 4.
 - 1A REMOVAL OF ASPHALT MAT. SAWCUT AND REMOVE ASPHALT FULL DEPTH AS SHOWN.
 - 2 REMOVAL OF CONCRETE SIDEWALK AND/OR PAVEMENT. REMOVE CONCRETE SIDEWALK TO NEAREST JOINT AS SHOWN.
 - 3 REMOVE & RE-SET EXISTING SIGN. (STOP SIGN)
 - 4 REMOVE & RE-SET EXISTING MAILBOX AS NECESSARY.
 - 7 RELOCATE EXISTING WATER VALVE & VALVE BOX A MINIMUM OF 1 FT. BEHIND NEW 6" PEDESTRIAN CURB AS SHOWN.

- REMOVAL & RE-SET PLAN LEGEND**
- MILL ASPHALT 2" MINIMUM DEPTH.
 - REMOVAL OF EXISTING ASPHALT MAT
 - REMOVAL OF EXISTING CONCRETE SIDEWALK AND/OR PAVEMENT.

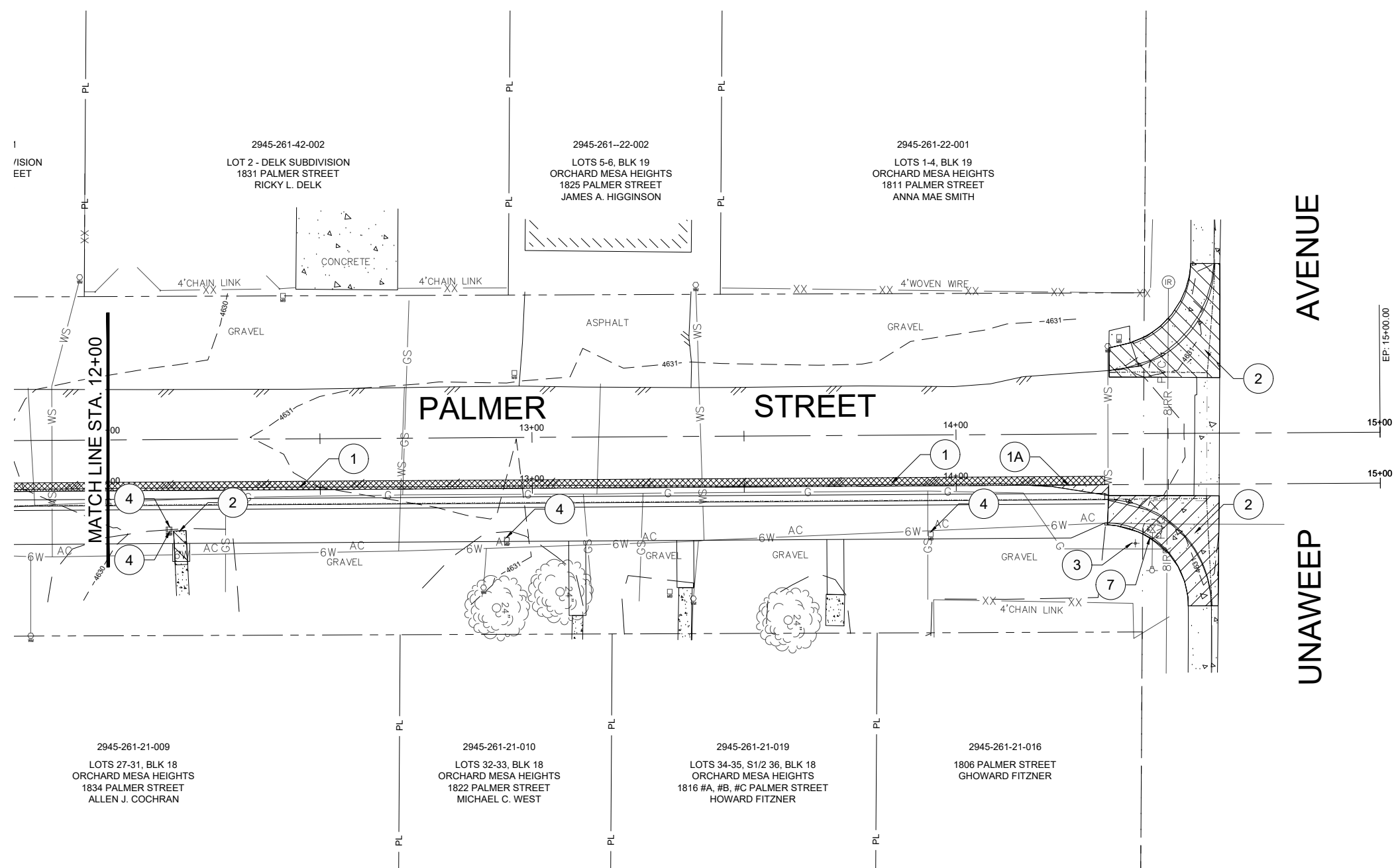
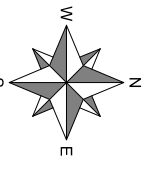
REVISION	DESCRIPTION	DATE
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REVISION		
REVISION		

PROJECT NO. F240301			
DRAWN BY:	<u>NCW</u>	DATE	01/2025
DESIGNED BY:	<u>NCW</u>	DATE	01/2025
CHECKED BY:	<u>LMF</u>	DATE	01/2025
APPROVED BY:	<u>KH</u>	DATE	01/2025



Engineering & Transportation
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REMOVAL & RE-SET PLAN (Sta. 8+00 - Sta. 15+00)
SRTS - Palmer Street Improvements
(UnawEEP Avenue - Highway 50)

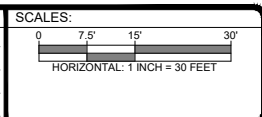


- REMOVAL & RE-SET PLAN NOTES**
- 1 MILL ASPHALT 2" MINIMUM DEPTH AS SHOWN PER T-TOP DETAIL SHOWN ON SHEET 4.
 - 1A REMOVAL OF ASPHALT MAT. SAWCUT AND REMOVE ASPHALT FULL DEPTH AS SHOWN.
 - 2 REMOVAL OF CONCRETE SIDEWALK AND/OR PAVEMENT. REMOVE CONCRETE SIDEWALK TO NEAREST JOINT AS SHOWN.
 - 3 REMOVE & RE-SET EXISTING SIGN. (STOP SIGN)
 - 4 REMOVE & RE-SET EXISTING MAILBOX AS NECESSARY.
 - 7 RELOCATE EXISTING WATER VALVE & VALVE BOX A MINIMUM OF 1 FT. BEHIND NEW 6" PEDESTRIAN CURB AS SHOWN.

- REMOVAL & RE-SET PLAN LEGEND**
- MILL ASPHALT 2" MINIMUM DEPTH.
 - REMOVAL OF EXISTING ASPHALT MAT
 - REMOVAL OF EXISTING CONCRETE SIDEWALK AND/OR PAVEMENT.

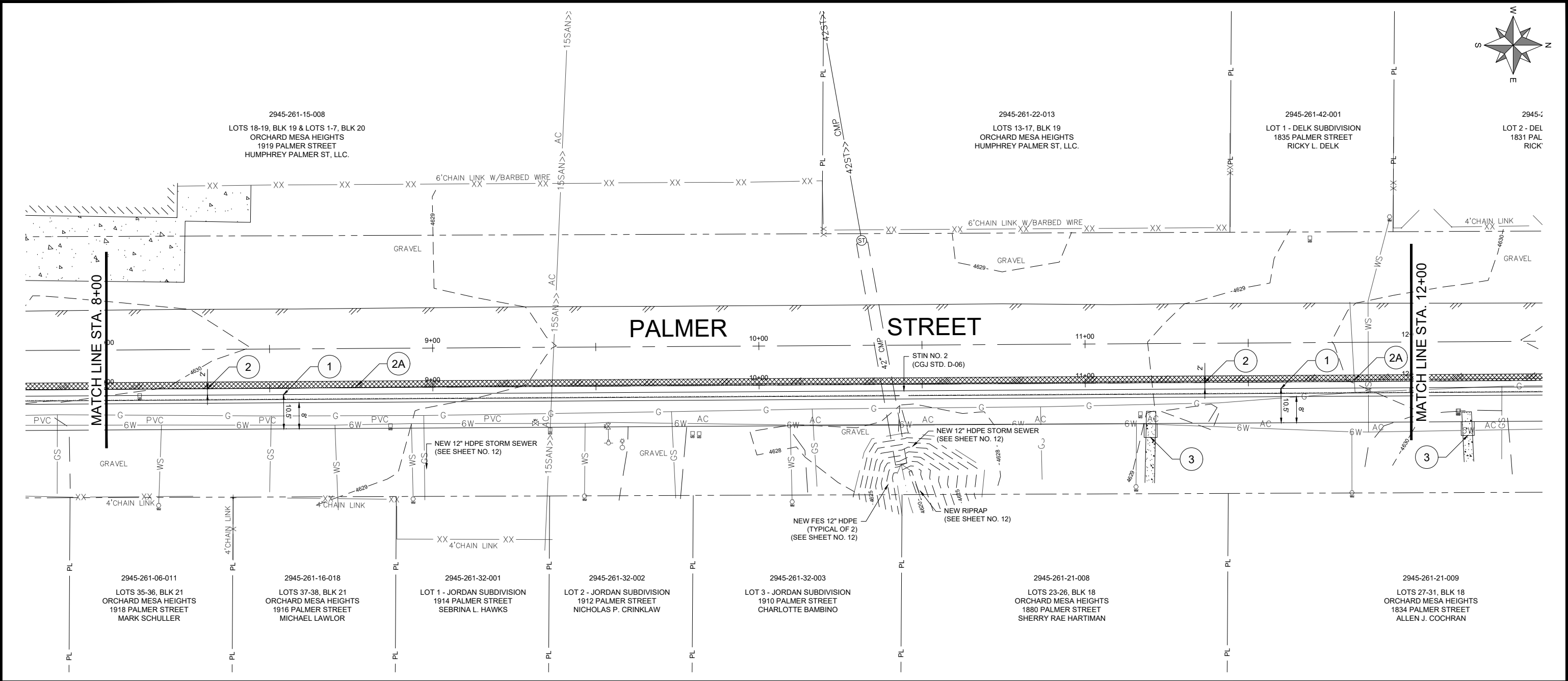
REVISION	DESCRIPTION	DATE
REVISION		
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REVISION		

PROJECT NO. F240301			
DRAWN BY:	<u>NCW</u>	DATE	01/2025
DESIGNED BY:	<u>NCW</u>	DATE	01/2025
CHECKED BY:	<u>LMF</u>	DATE	01/2025
APPROVED BY:	<u>KH</u>	DATE	01/2025



Engineering & Transportation
Department
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REMOVAL & RE-SET PLAN (Sta. 8+00 - Sta. 15+00)
SRTS - Palmer Street Improvements
(UnawEEP Avenue - Highway 50)

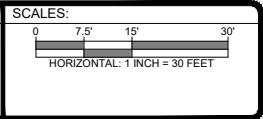


- IMPROVEMENT PLAN NOTES**
- 1 CONCRETE MONOLITHIC VERTICAL DRIVE OVER CURB, GUTTER & SIDEWALK PER CITY OF GRAND JUNCTION STD. CONCRETE DETAIL C-03. SIDEWALK WIDTH = 8'-0". SIDEWALK THICKNESS = 6"
 - 2 5" - HOT MIX ASPHALT (GRADING SX, 75, BINDER GRADE PG 64-22) - 3" LIFT, (1) - 2" LIFT (SEE TYPICAL ROADWAY SECTION)
 - 2A 2" - HOT MIX ASPHALT (SEE T-TOP SECTION DETAIL - SHEET 4)
 - 3 EXTEND EXISTING SIDEWALK TO MATCH NEW SIDEWALK. NEW PORTLAND CEMENT CONCRETE SIDEWALK. SIDEWALK WIDTH = 4'-0". SIDEWALK THICKNESS = 4"

- IMPROVEMENT PLAN LEGEND**
- CONCRETE SIDEWALK & CONCRETE PAVEMENT
 - HOT MIX ASPHALT (TYPICAL SECTION - 5")
 - HOT MIX ASPHALT (T-TOP SECTION - 2")

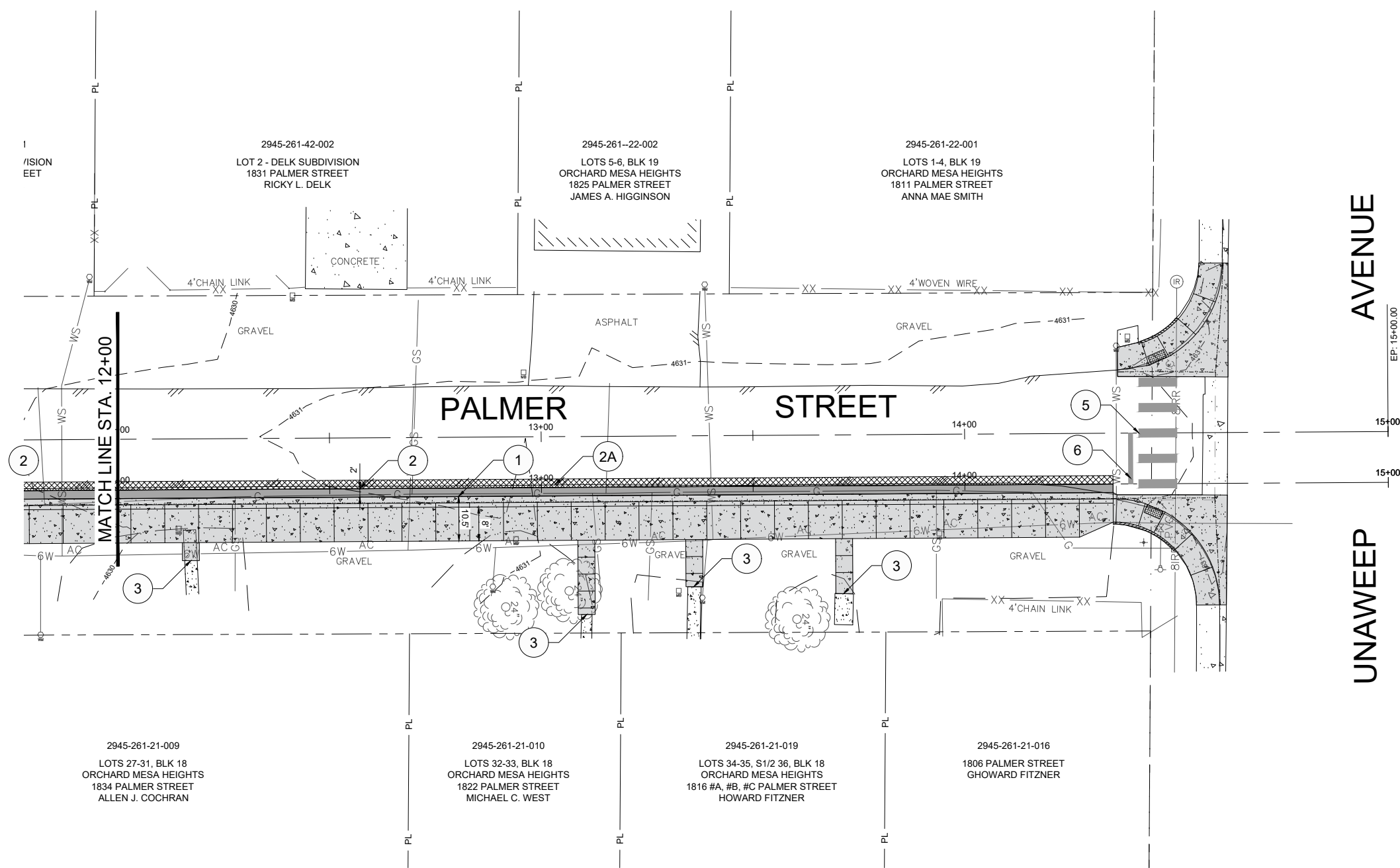
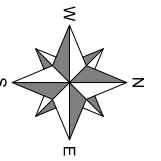
REVISION	DESCRIPTION	DATE
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REVISION		

PROJECT NO.	F240301		
DRAWN BY:	<u>NCW</u>	DATE	<u>01/2025</u>
DESIGNED BY:	<u>NCW</u>	DATE	<u>01/2025</u>
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APPROVED BY:	<u>KH</u>	DATE	<u>01/2025</u>



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IMPROVEMENT PLAN (Sta. 5+00 - Sta. 12+00)
SRTS - Palmer Street Improvements
(Unaweep Avenue - Highway 50)



NOTE:
SEE SHEET NO. 15 FOR DETAILS AND GEOMETRICS
OF SIDEWALK CONSTRUCTION AT PALMER STREET
& UNAWEEP AVENUE INTERSECTION.

IMPROVEMENT PLAN NOTES

1 CONCRETE MONOLITHIC VERTICAL DRIVE OVER CURB, GUTTER & SIDEWALK PER CITY OF GRAND JUNCTION STD. CONCRETE DETAIL C-03. SIDEWALK WIDTH = 8'-0". SIDEWALK THICKNESS = 6"

2 5" - HOT MIX ASPHALT (GRADING SX, 75, BINDER GRADE PG 64-22) - 3" LIFT, (1) - 2" LIFT (SEE TYPICAL ROADWAY SECTION)

2A 2" - HOT MIX ASPHALT (SEE T-TOP SECTION DETAIL - SHEET 4)

3 EXTEND EXISTING SIDEWALK TO MATCH NEW SIDEWALK. NEW PORTLAND CEMENT CONCRETE SIDEWALK. SIDEWALK WIDTH = 4'-0". SIDEWALK THICKNESS = 4"

IMPROVEMENT PLAN LEGEND

CONCRETE SIDEWALK & CONCRETE PAVEMENT

HOT MIX ASPHALT (TYPICAL SECTION - 5")

HOT MIX ASPHALT (T-TOP SECTION - 2")

PAVEMENT MARKING NOTES:

1. PAVEMENT MARKING (PAINT) SHALL ONLY BE APPLIED TO ASPHALT PAVEMENT. ALL WORD-SYMBOL, TURN ARROWS & CROSSWALK PAVEMENT MARKINGS SHALL BE PRE-FORMED THERMOPLASTIC ON BOTH ASPHALT & CONCRETE PAVEMENTS.

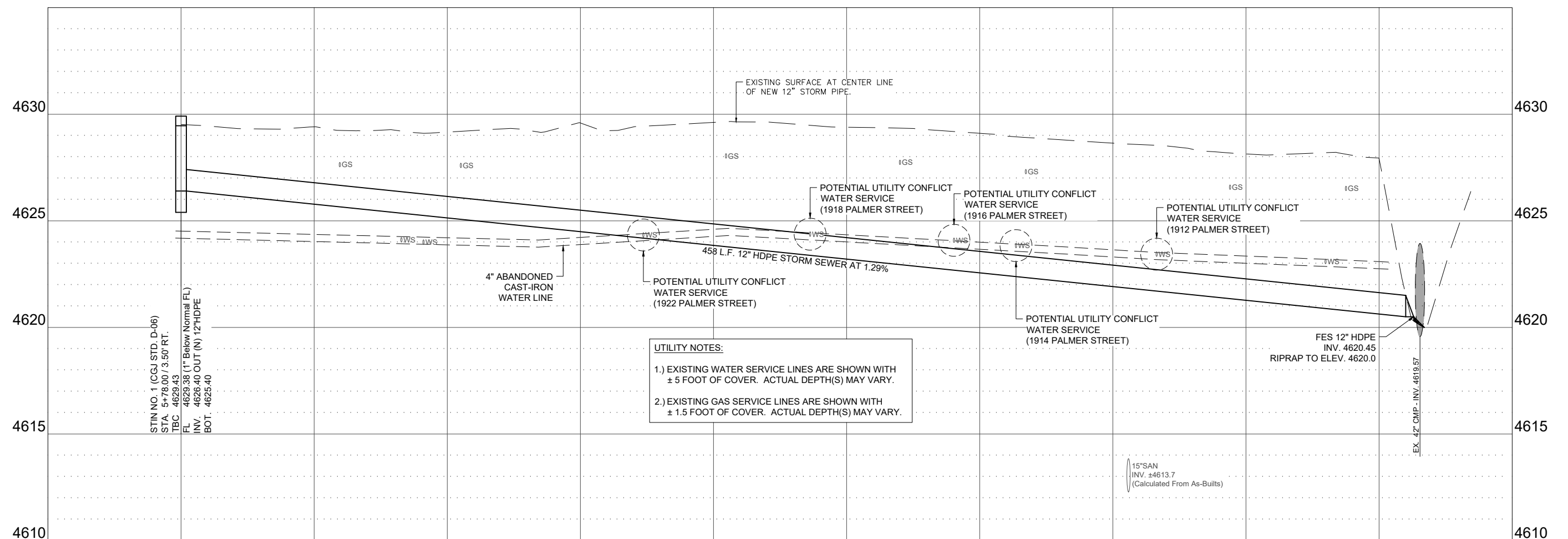
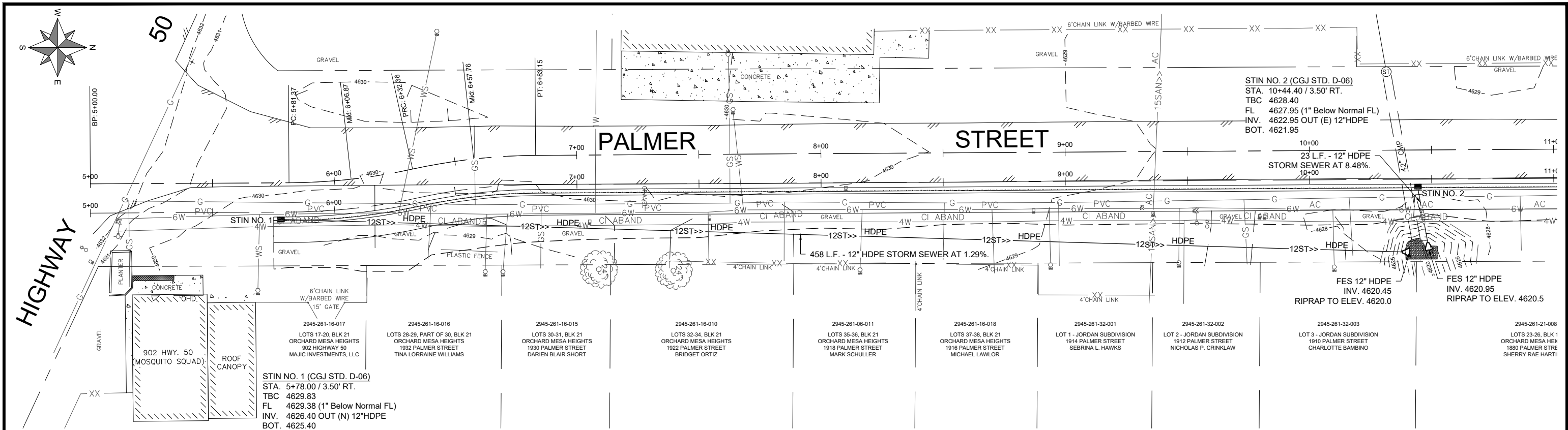
2. PRE-FORMED PLASTIC PAVEMENT MARKINGS SHALL BE APPLIED TO CONCRETE PAVEMENT.

3. NO EPOXY PAVEMENT MARKING (PAINT) SHALL BE APPLIED TO CONCRETE PAVEMENT.

PAVEMENT MARKING NOTES

5 WHITE 2' x 9' CROSSWALK BARS PAVEMENT MARKINGS

6 WHITE 1' x 12' STOP BAR PAVEMENT MARKING

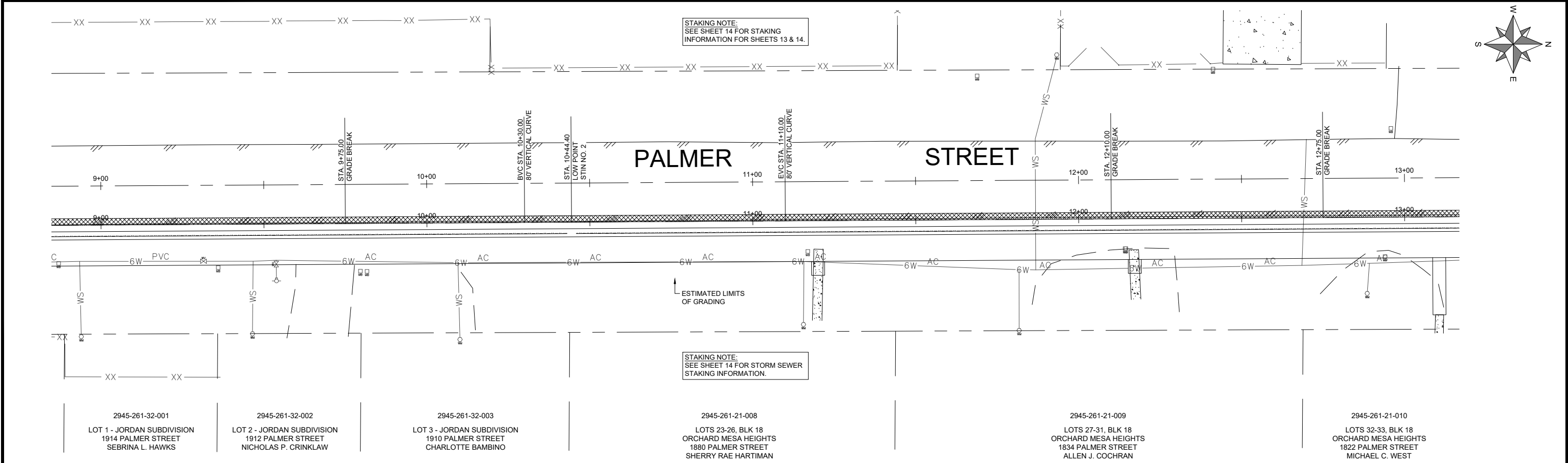
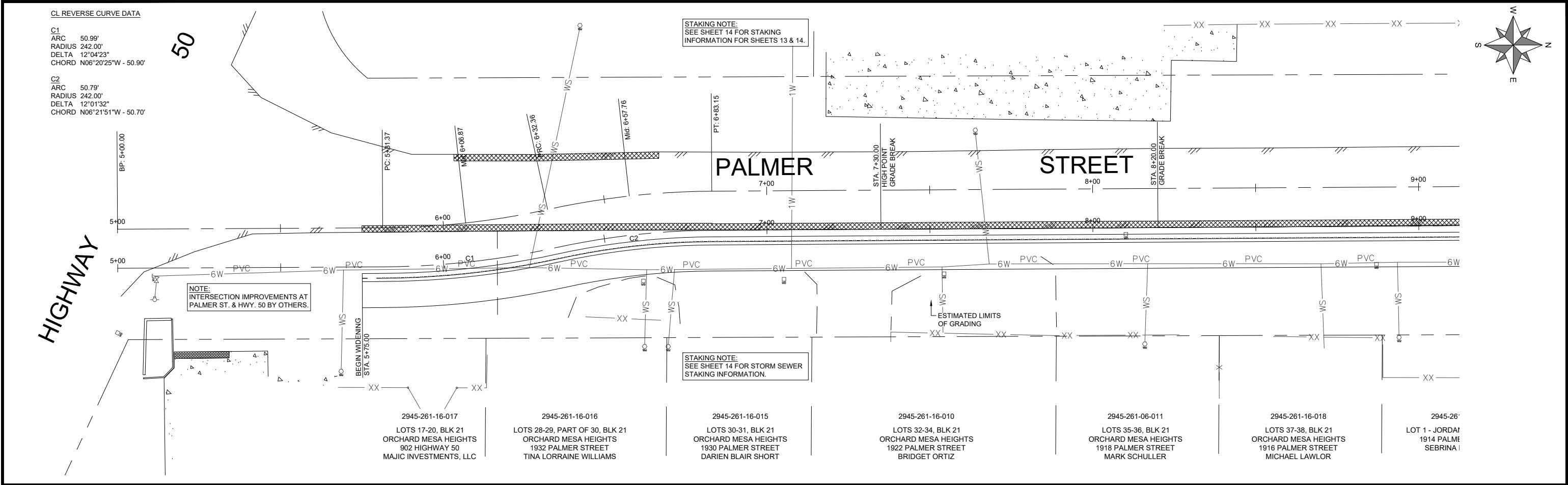


REVISION	DESCRIPTION	DATE	PROJECT NO.	F240301
REVISION			DRAWN BY:	NCW
REVISION			DESIGNED BY:	NCW
REVISION			CHECKED BY:	LMF
REVISION			APPROVED BY:	KH
			DATE	01/2025
			DATE	01/2025
			DATE	01/2025
			DATE	01/2025



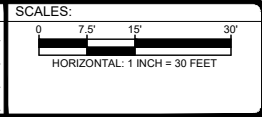
Engineering & Transportation
Department
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(970) 256-4003

STORM SEWER PLAN & PROFILE
SRTS - Palmer Street Improvements
(Unaweep Avenue - Highway 50)



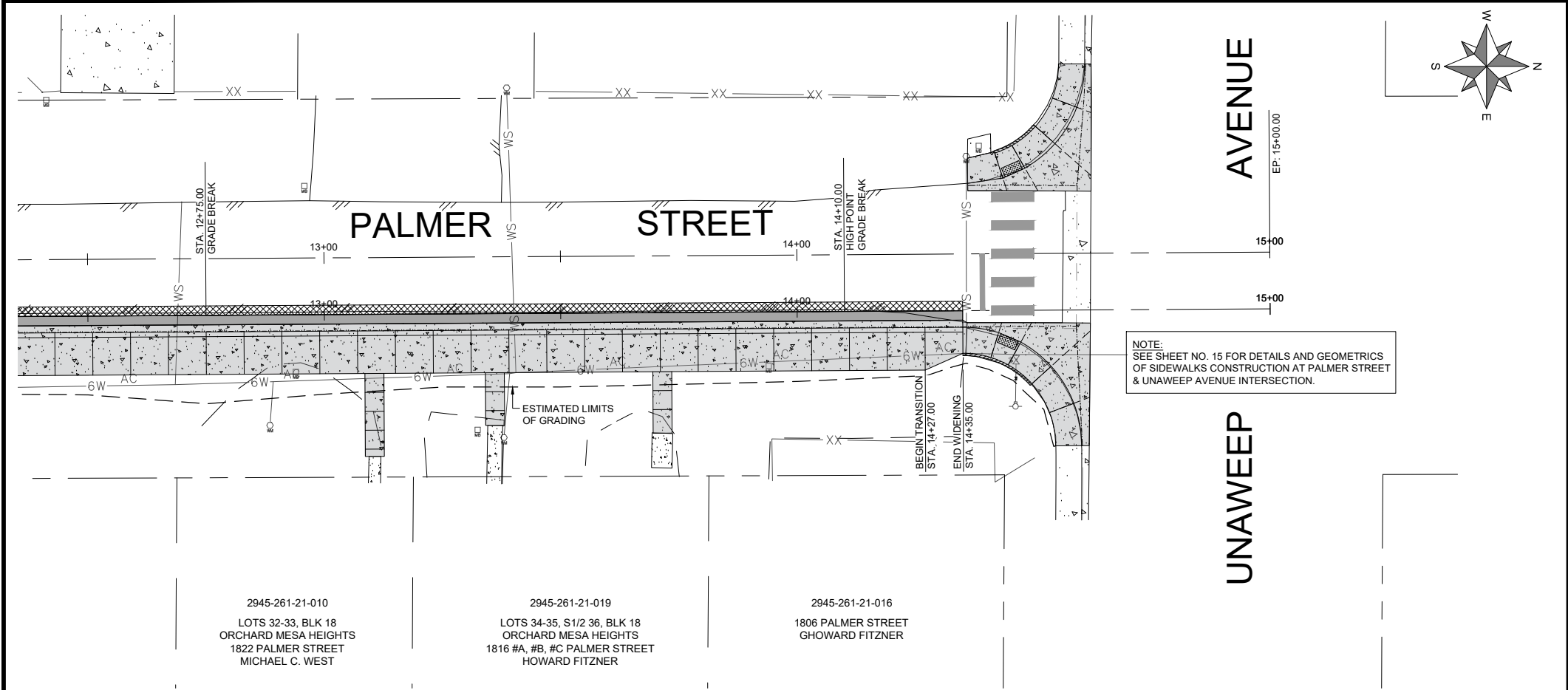
REVISION	DESCRIPTION	DATE
1	DESIGN	01/2025
2	STAKING	01/2025
3	CONSTRUCTION	01/2025
4	AS BUILT	01/2025

PROJECT NO. F240301			
DRAWN BY:	<u>NCW</u>	DATE	<u>01/2025</u>
DESIGNED BY:	<u>NCW</u>	DATE	<u>01/2025</u>
CHECKED BY:	<u>LMF</u>	DATE	<u>01/2025</u>
APPROVED BY:	<u>KH</u>	DATE	<u>01/2025</u>



Engineering & Transportation
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244 North 7th Street - Grand Junction, CO. 81501
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STAKING PLAN (Sta. 5+00 - Sta. 12+75)
SRTS - Palmer Street Improvements
(Unawep Avenue - Highway 50)



STAKEOUT INFORMATION (Storm Sewer)						
STATION	EOP ELEV	NORTHING (FL)	EASTING (FL)	FL ELEV	TBC ELEV	DESCRIPTION / NOTES
5+78.00 Low Pt.	4629.70	28052.88	92584.80	4629.38*	4629.83	STIN 1 (*STD. D-06)
10+44.40 Low Pt.	4628.27	28518.47	92571.32	4627.95*	4628.40	STIN 2 (*STD. D-06)
DISTANCE (FT.) DOWNSTREAM		NORTHING (FL PIPE)	EASTING (FL PIPE)	FL PIPE		458 L.F. @ 1.29%
0		28054.31	92584.40	4626.40		Inv Out (N) 12" HDPE STIN 1
25		28079.30	92585.13	4626.08		
50		28104.29	92585.85	4625.76		
75		28129.27	92586.58	4625.44		
100		28154.26	92587.30	4625.11		
125		28179.25	92588.03	4624.79		
150		28204.24	92588.76	4624.47		
175		28229.23	92589.48	4624.15		
200		28254.22	92590.21	4623.83		
225		28279.21	92590.93	4623.50		
250		28304.20	92591.66	4623.18		
275		28329.19	92592.38	4622.86		
300		28354.18	92593.11	4622.54		
325		28379.17	92593.83	4622.22		
350		28404.16	92594.56	4621.89		
375		28429.15	92595.28	4621.57		
400		28454.14	92596.01	4621.25		
425		28479.13	92596.74	4620.93		
450		28504.12	92597.46	4620.60		
458		28512.09	92597.69	4620.50		End Storm Sewer (458 L.F.)
DISTANCE (FT.) DOWNSTREAM		NORTHING (FL PIPE)	EASTING (FL PIPE)	FL PIPE		23 L.F. @ 8.48%
0		28518.47	92571.96	4622.95		Inv Out (E) 12" HDPE STIN 2
23		28522.47	92593.86	4621.00		End Storm Sewer (23 L.F.)

STAKEOUT INFORMATION (Pavement Widening Section)									
STATION	EOP ELEV	NORTHING (FL)	EASTING (FL)	FL ELEV	TBC ELEV	NORTHING (BOW)	EASTING (BOW)	BOW ELEV	DESCRIPTION / NOTES
5+75.00 Begin	4629.80	28050.08	92621.54	4629.56	4629.93	28049.93	92593.89	4630.10	Begin (GJC Std. C-03)
5+78.00 Low Pt.	4629.70	28052.88	92584.80	4629.38*	4629.83	28052.93	92593.88	4630.00	Low Pt. STIN 1 (*STD. D-06)
5+81.37 PC	4629.71	28056.25	92584.78	4629.47	4629.84	28056.30	92593.86	4630.01	
6+00.00	4629.78	28075.11	92583.99	4629.54	4629.91	28075.83	92593.04	4630.08	
6+08.13 Mid Pt.	4629.81	28083.32	92583.21	4629.57	4629.94	28084.32	92592.23	4630.11	
6+25.00	4629.86	28102.75	92580.30	4629.62	4629.99	28104.44	92589.22	4630.16	
6+34.89 PRC	4629.90	28110.06	92578.80	4629.66	4630.03	28112.01	92587.67	4630.20	
6+50.00	4629.95	28124.70	92576.09	4629.71	4630.08	28126.06	92585.07	4630.25	
6+59.03 Mid Pt.	4629.98	28133.51	92574.93	4629.74	4630.11	28134.52	92583.96	4630.28	
6+75.00	4630.04	28149.21	92573.73	4629.80	4630.17	28149.59	92582.80	4630.34	
6+83.16 PT	4630.07	28157.24	92573.54	4629.83	4630.20	28157.29	92582.62	4630.37	
7+00.00	4630.13	28174.07	92573.44	4629.89	4630.26	28174.13	92582.52	4630.43	
7+25.00	4630.22	28199.07	92573.28	4629.98	4630.35	28199.13	92582.36	4630.52	
7+35.00 High Pt.	4630.25	28209.07	92573.22	4630.01	4630.38	28209.13	92582.30	4630.55	High Point / Grade Point
7+50.00	4630.21	28224.07	92573.13	4629.97	4630.34	28224.13	92582.21	4630.51	
7+75.00	4630.13	28249.07	92572.98	4629.89	4630.26	28249.13	92582.06	4630.43	
8+00.00	4630.06	28274.07	92572.82	4629.82	4630.19	28274.13	92581.90	4630.36	
8+20.00	4630.00	28294.07	92572.70	4629.76	4630.13	28294.13	92581.78	4630.30	Grade Break
8+25.00	4629.95	28299.07	92572.67	4629.71	4630.08	28299.13	92581.75	4630.25	
8+50.00	4629.71	28324.07	92572.52	4629.47	4629.84	28324.13	92581.60	4630.01	
8+75.00	4629.47	28349.07	92572.36	4629.23	4629.60	28349.13	92581.44	4629.77	
9+00.00	4629.23	28374.07	92572.21	4628.99	4629.36	28374.13	92581.29	4629.53	
9+25.00	4628.98	28399.07	92572.06	4628.74	4629.11	28399.13	92581.14	4629.28	
9+50.00	4628.74	28424.07	92571.90	4628.50	4628.87	28424.13	92580.98	4629.04	
9+75.00	4628.50	28449.07	92571.75	4628.26	4628.63	28449.13	92580.83	4628.80	Grade Break
10+00.00	4628.41	28474.07	92571.60	4628.17	4628.54	28474.12	92580.68	4628.71	
10+25.00	4628.32	28499.07	92571.44	4628.08	4628.45	28499.12	92580.52	4628.62	
10+30.00 BVC	4628.30	28504.07	92571.41	4628.06	4628.43	28504.12	92580.49	4628.60	Begin 80' Vertical Curve
10+44.40 Low Pt.	4628.27	28518.47	92571.32	4627.95*	4628.40	28518.52	92580.40	4628.57	Low Pt. STIN 2 (*STD. D-06)
10+50.00	4628.28	28524.07	92571.29	4628.04	4628.41	28524.12	92580.37	4628.58	
10+75.00	4628.39	28549.07	92571.14	4628.15	4628.52	28549.12	92580.22	4628.69	
11+00.00	4628.67	28574.07	92570.98	4628.43	4628.80	28574.12	92580.06	4628.97	
11+10.00 EVC	4628.82	28584.07	92570.92	4628.58	4628.95	28584.12	92580.00	4629.12	End 80' Vertical Curve
11+25.00	4629.07	28599.07	92570.83	4628.83	4629.20	28599.12	92579.91	4629.37	
11+50.00	4629.49	28624.07	92570.68	4629.25	4629.62	28624.12	92579.76	4629.79	
11+75.00	4629.91	28649.07	92570.52	4629.67	4630.04	28649.12	92579.60	4630.21	
12+00.00	4630.33	28674.07	92570.37	4630.09	4630.46	28674.12	92579.45	4630.63	
12+10.00	4630.50	28684.07	92570.31	4630.26	4630.63	28684.12	92579.39	4630.80	Grade Break
12+25.00	4630.65	28699.06	92570.22	4630.41	4630.78	28699.12	92579.30	4630.95	
12+50.00	4630.90	28724.06	92570.06	4630.66	4631.03	28724.12	92579.14	4631.20	
12+75.00	4631.15	28749.06	92569.91	4630.91	4631.28	28749.12	92578.99	4631.45	Grade Break
13+00.00	4631.23	28774.06	92569.76	4630.99	4631.36	28774.12	92578.84	4631.53	
13+25.00	4631.32	28799.06	92569.60	4631.08	4631.45	28799.12	92578.68	4631.62	
13+50.00	4631.40	28824.06	92569.45	4631.16	4631.53	28824.12	92578.53	4631.70	
13+75.00	4631.48	28849.06	92569.30	4631.24	4631.61	28849.12	92578.38	4631.78	
14+00.00	4631.57	28874.06	92569.14	4631.33	4631.70	28874.12	92578.22	4631.87	
14+10.00 High Pt.	4631.60	28884.06	92569.08	4631.36	4631.73	28884.12	92578.16	4631.90	High Point / Grade Break
14+25.00	4631.42	28899.06	92568.99	4631.24	4631.61	28899.12	92578.07	4631.78	
14+27.00	4631.40	28901.06	92568.98	4631.22	4631.59	28901.11	92578.06	4631.76	Sidewalk Transition
14+35.00 End	4631.30	28909.05	92568.93	4631.12	4631.49	28909.09	92574.51	4631.52	End (GJC Std. C-03)

REVISION _____ - _____

REVISION _____ - _____

REVISION _____ - _____

REVISION _____ - _____

DESCRIPTION

DATE

PROJECT NO. F240301

DRAWN BY: NCW DATE 01/2025

DESIGNED BY: NCW DATE 01/2025

CHECKED BY: LMF DATE 01/2025

APPROVED BY: KH DATE 01/2025

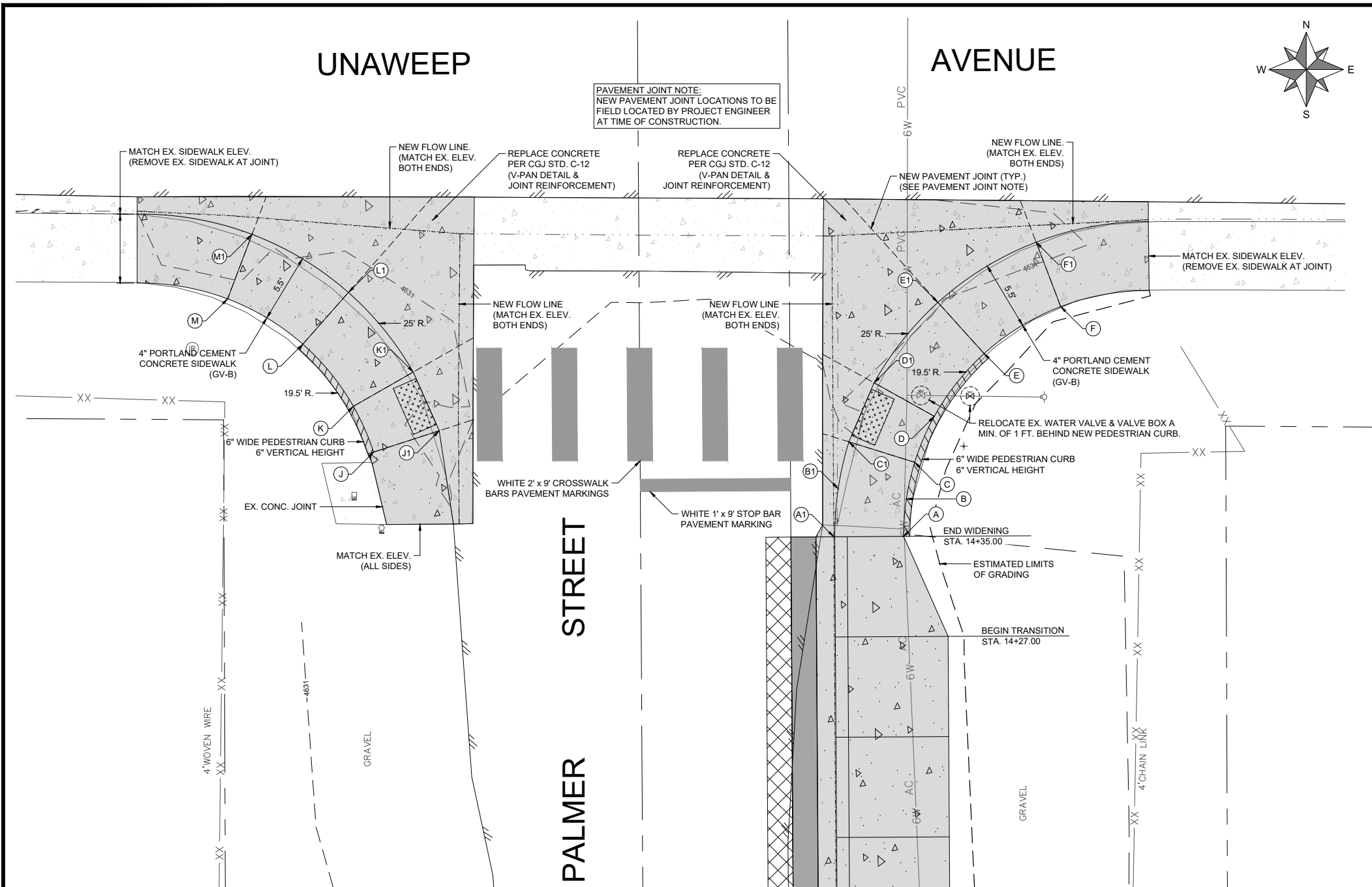
SCALES:

HORIZONTAL: 1 INCH = 30 FEET



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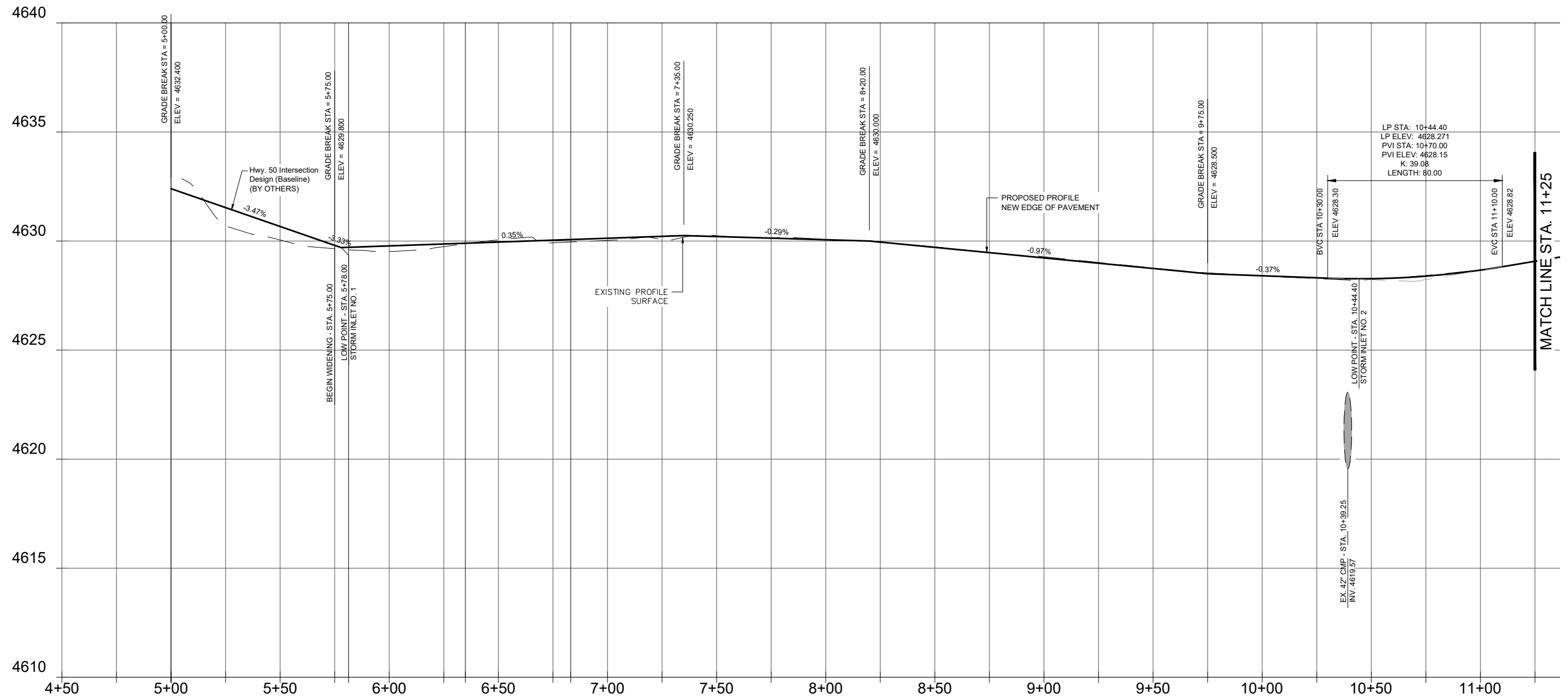
STAKING PLAN (Sta. 12+75 - Sta. 15+00)
SRTS - Palmer Street Improvements
(Unaweep Avenue - Highway 50)



STAKEOUT INFORMATION (Palmer Street / Unaweep Avenue Intersection)						
POINT ID	NORTHING	EASTING	ELEV	ELEV	DESCRIPTION / NOTES	LEGEND
A	28909.09	92574.51	4631.52 BOW	4631.73 TBC	Begin 6" Pedestrian Curb	BOW = Back of Sidewalk
A1	28909.05	92568.93	4631.49 TBC	4631.12 FL	Begin Sidewalk Transition	FOW = Front of sidewalk
B	28912.08	92574.72	4631.34 BOW	4631.84 TBC		FL = Flow Line Pavement
B1	28912.89	92569.28	4631.24 FOW	4631.08 TP		TBC = Top Back of Curb
C	28915.00	92575.39	4631.15 BOW	4631.65 TBC	Ramp Joint (South)	TP = Top of Pavement
C1	28916.63	92570.14	4631.05 FOW	4631.05 TP	Ramp Joint (South)	
D	28918.67	92576.96	4631.15 BOW	4631.65 TBC	Ramp Joint (North)	
D1	28921.34	92572.15	4631.05 FOW	4631.05 TP	Ramp Joint (North)	
E	28923.68	92580.94	4631.50 BOW	4632.00 TBC	End 6" Pedestrian Curb	
E1	28927.76	92577.25	4631.40 FOW	4630.95 TP		
F	28927.42	92587.05	4631.53 BOW			
F1	28932.57	92585.08	4631.43 FOW	4631.00 TP		
J	28915.82	92532.20	4631.10 BOW	4631.60 TBC	Begin 6" Pedestrian Curb	
J1	28917.52	92537.43	4631.00 FOW	4631.00 TP	Ramp Joint (South)	
K	28919.47	92530.58	4631.10 BOW	4631.60 TBC	Ramp Joint (North)	
K1	28922.20	92535.36	4631.00 FOW	4631.00 TP	Ramp Joint (North)	
L	28924.43	92526.54	4631.35 BOW	4631.85 TBC	End 6" Pedestrian Curb	
L1	28928.55	92530.18	4631.25 FOW	4630.80 TP		
M	28928.04	92520.54	4631.20 BOW			
M1	28933.19	92522.49	4631.10 FOW	4630.65 TP		



INTERSECTION DETAIL & STAKING PLAN
SRTS - Palmer Street Improvements
(Unaweeep Avenue - Highway 50)



REVISION		DESCRIPTION	DATE	PROJECT NO.	F240301
REVISION	△			DRAWN BY:	NCW
REVISION	△			DESIGNED BY:	NCW
REVISION	△			CHECKED BY:	LMF
REVISION	△			APPROVED BY:	KH

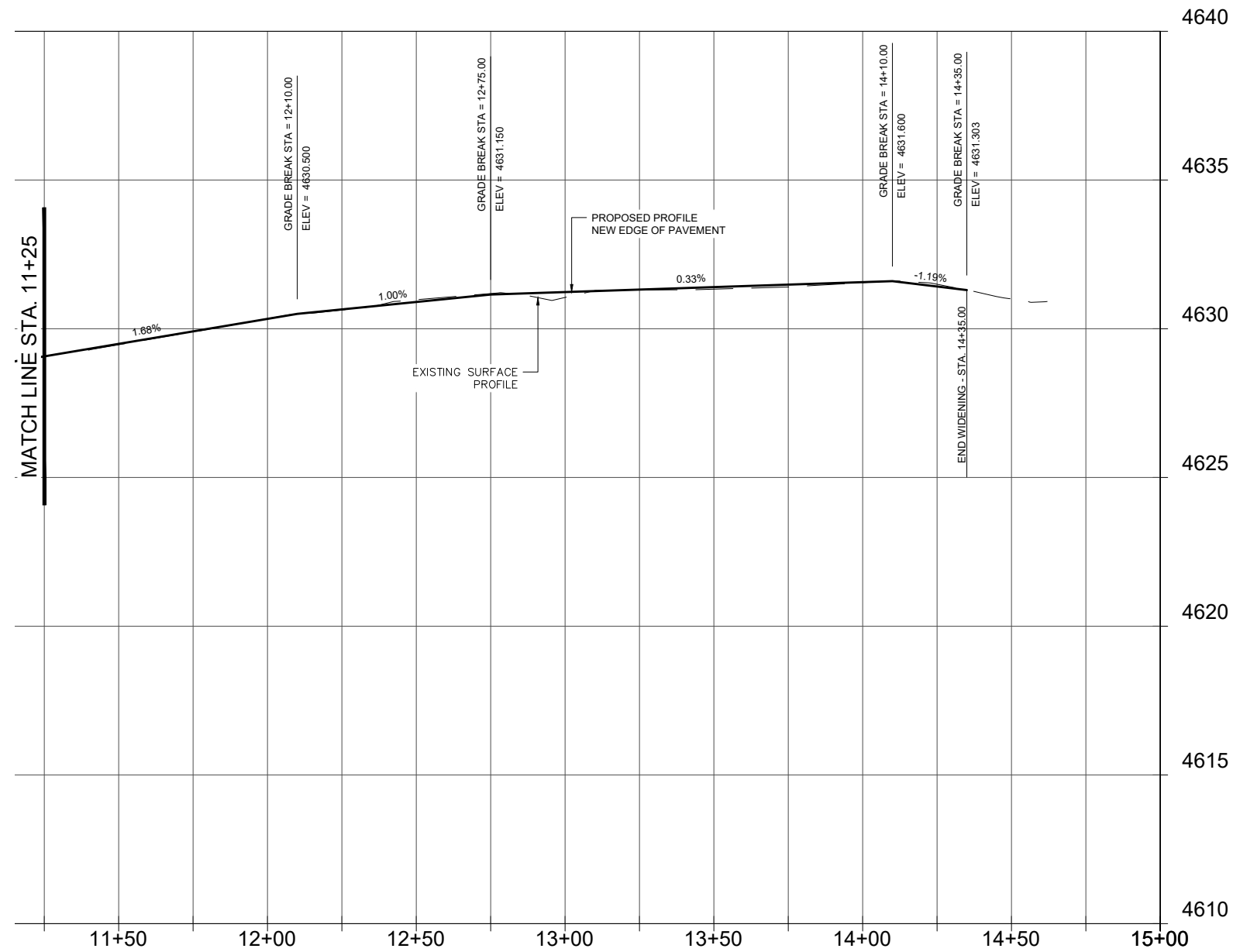
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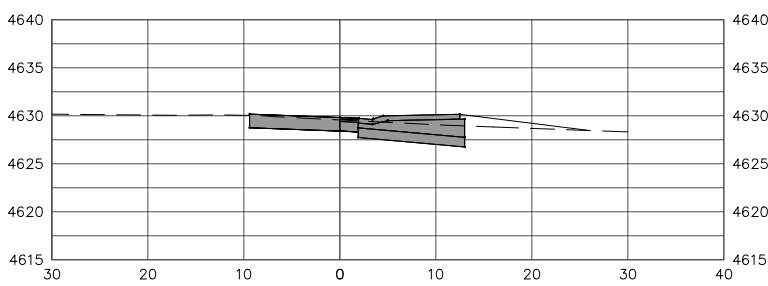
SCALES:
HORIZONTAL: 1 INCH = 50 FEET
VERTICAL: 1 INCH = 5 FEET



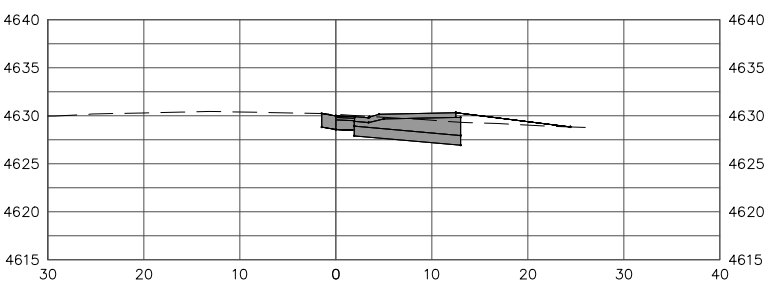
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EDGE OF PAVEMENT - PROFILE (Sta. 5+00 - Sta. 11+25)
SRTS - Palmer Street Improvements
(Unaweeep Avenue - Highway 50)

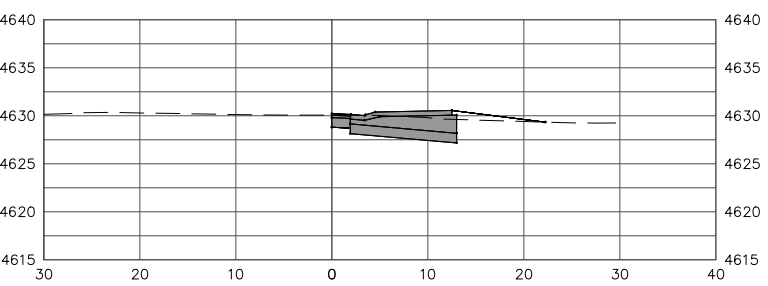




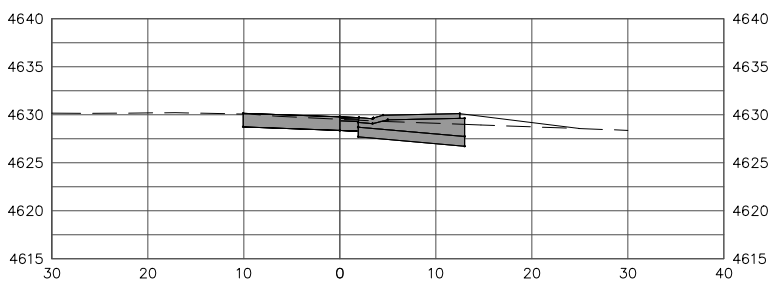
6+08.13
MID POINT CURVE (MID.)



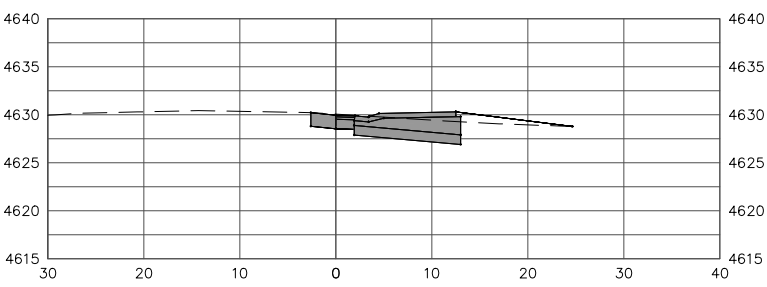
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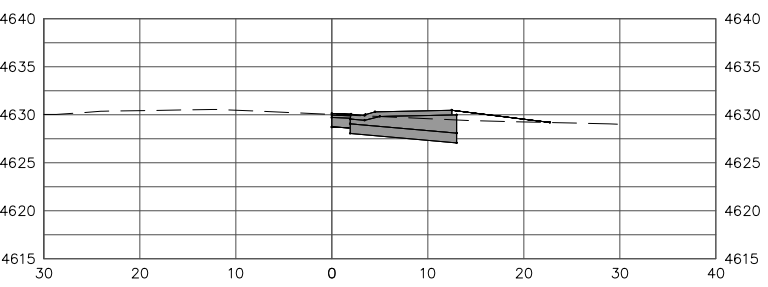
7+25.00



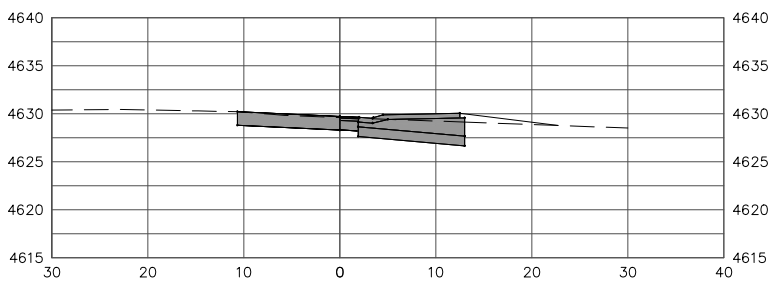
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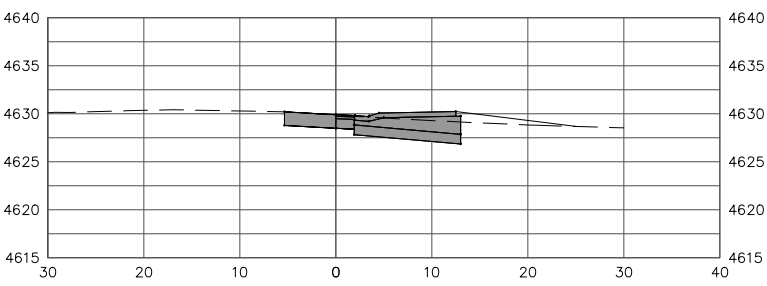
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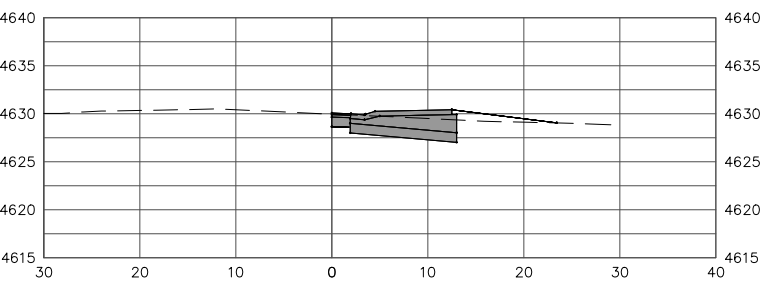
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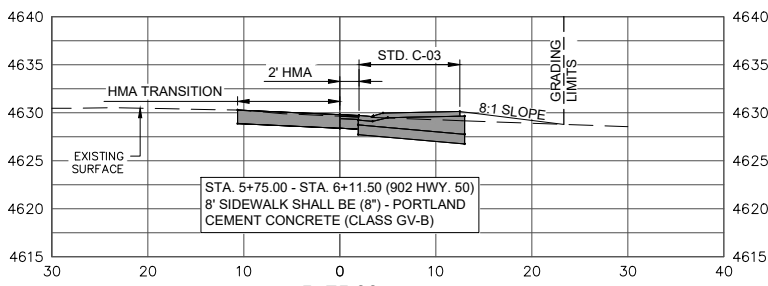
5+81.37
BEGIN CURVE (P.C.)



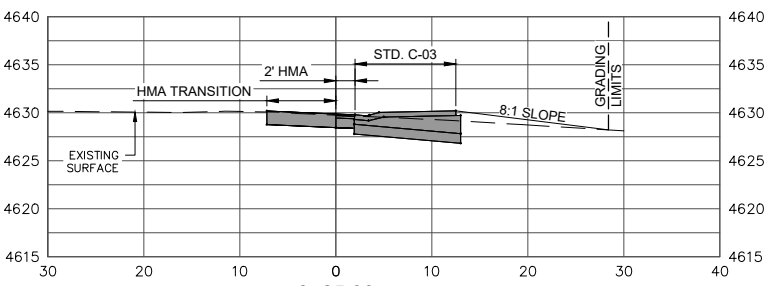
6+34.89
POINT OF REVERSE CURVE (P.R.C.)



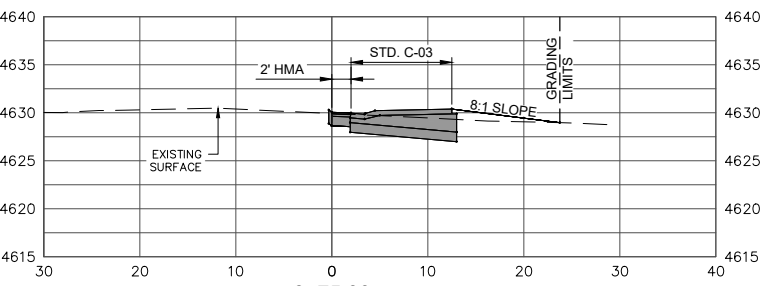
6+83.16
END CURVE (P.T.)



5+75.00
BEGIN WIDENING PROJECT



6+25.00



6+75.00

REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
1			F240301	01/2025
2				01/2025
3				01/2025
4				01/2025

SCALES:

0 5' 10' 20'

HORIZONTAL: 1 INCH = 20 FEET

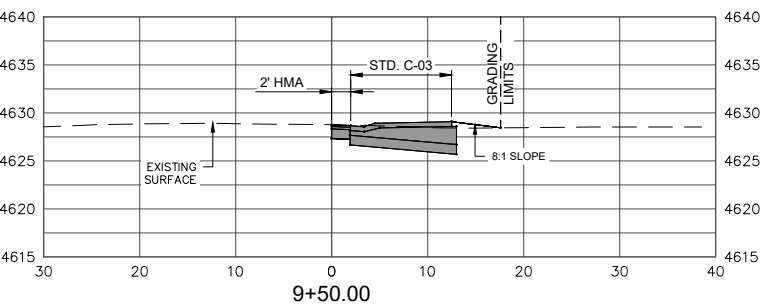
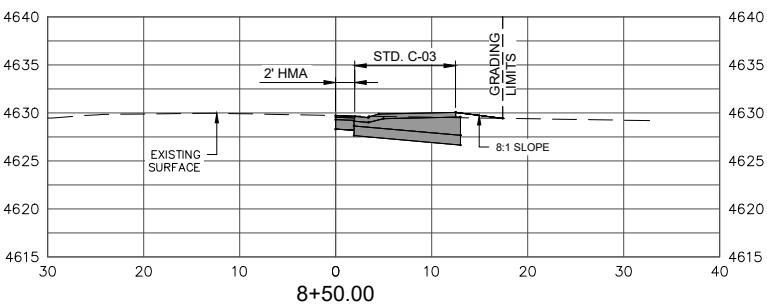
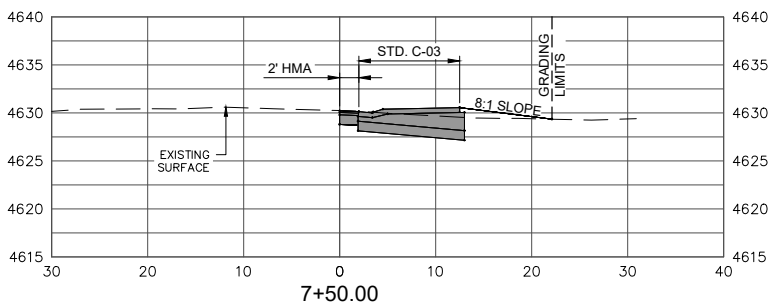
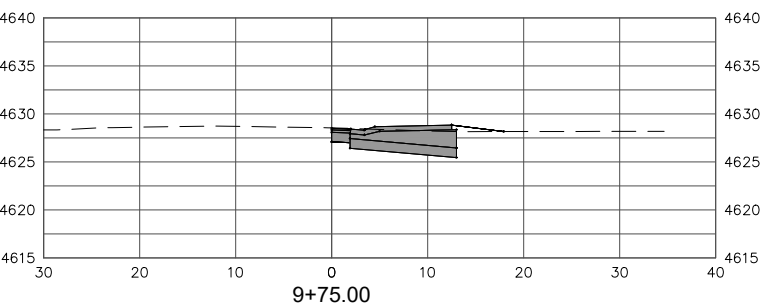
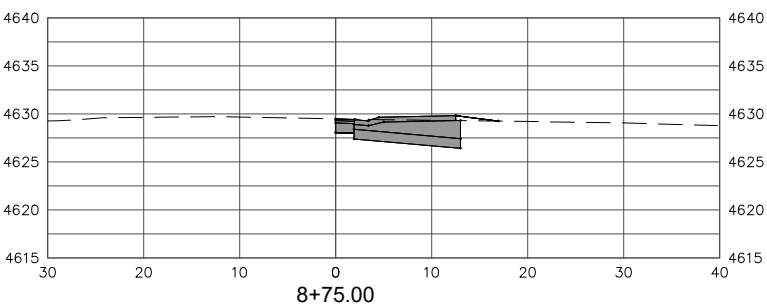
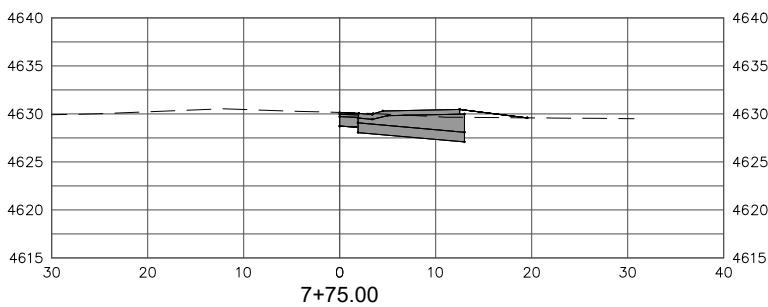
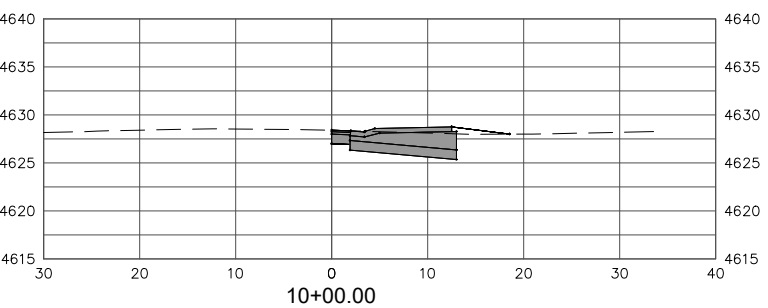
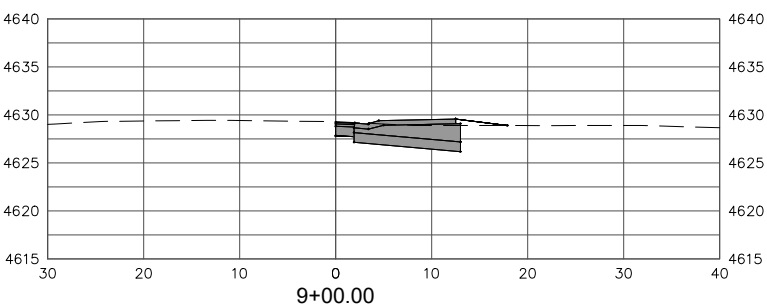
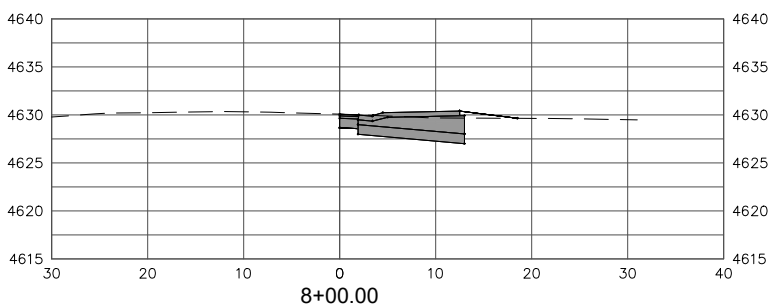
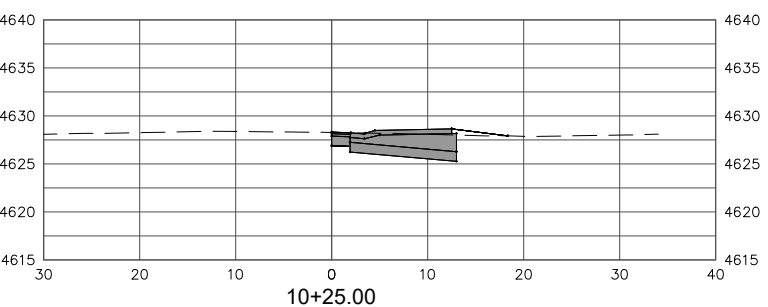
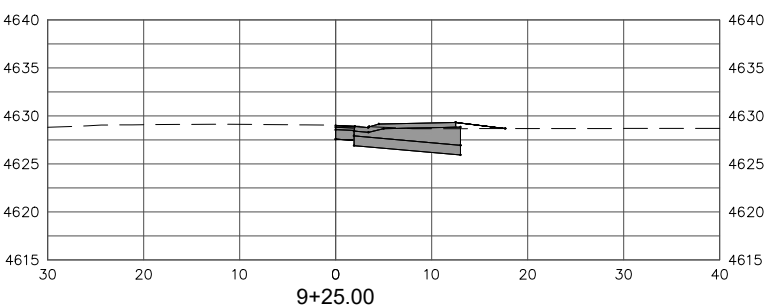
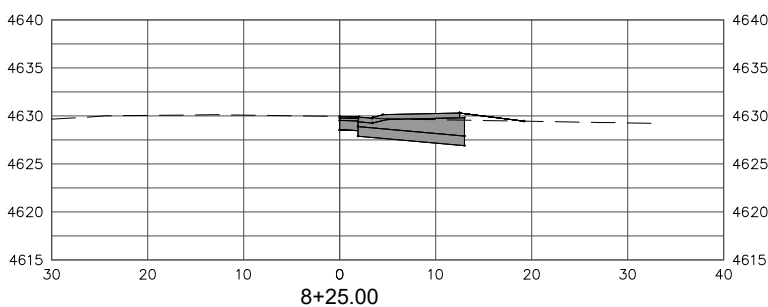
0 0.5' 1' 2'

VERTICAL: 1 INCH = 2 FEET



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CROSS SECTIONS (Sta. 5+75 - Sta. 7+25)
SRTS - Palmer Street Improvements
(Unawep Avenue - Highway 50)



DESCRIPTION		DATE	PROJECT NO. F240301		SCALES:	
REVISION	△		DRAWN BY:	NCW	DATE	01/2025
REVISION	△		DESIGNED BY:	NCW	DATE	01/2025
REVISION	△		CHECKED BY:	LMF	DATE	01/2025
REVISION	△		APPROVED BY:	KH	DATE	01/2025

0 5' 10' 20'

HORIZONTAL: 1 INCH = 20 FEET

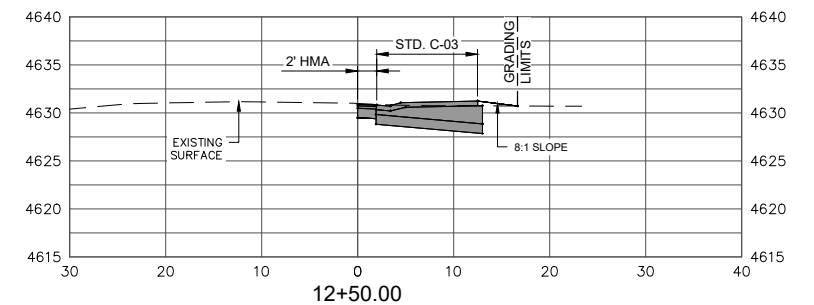
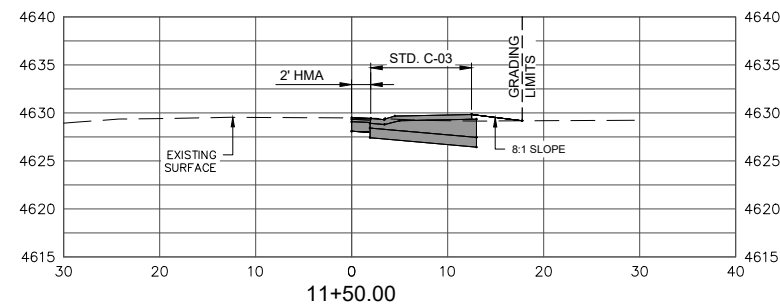
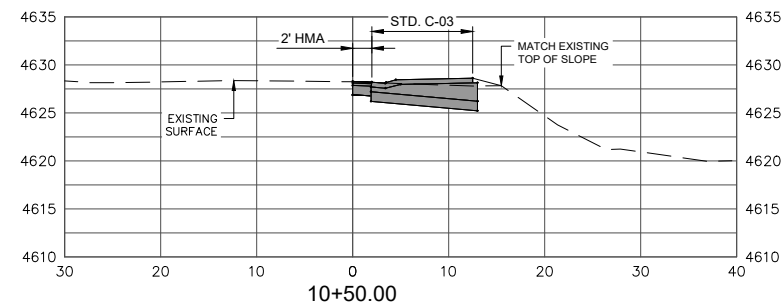
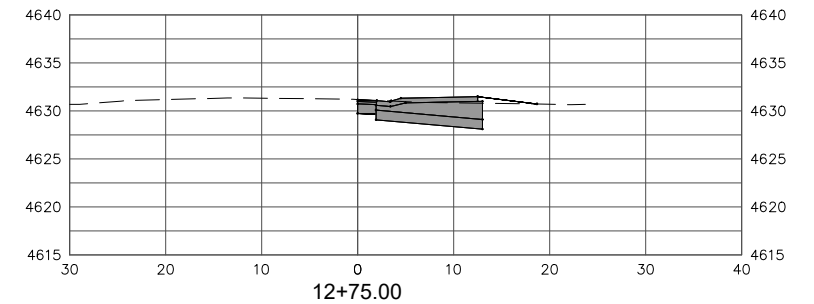
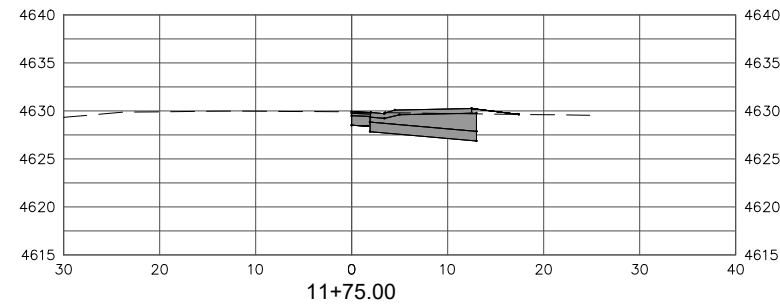
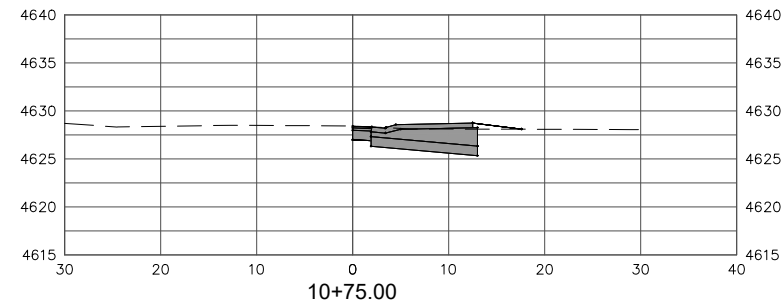
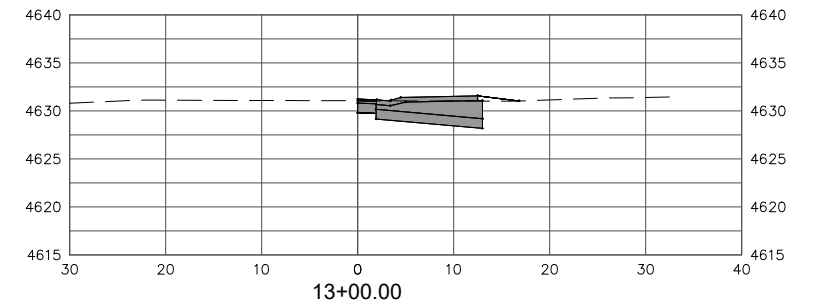
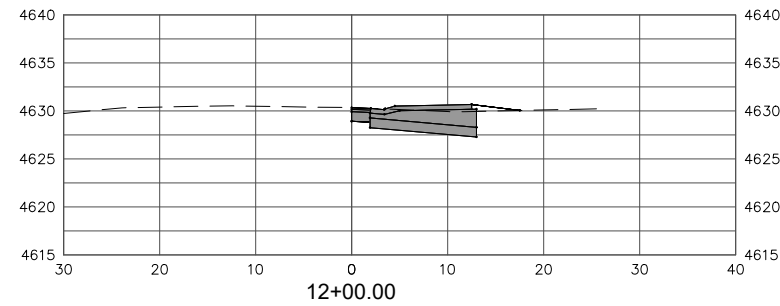
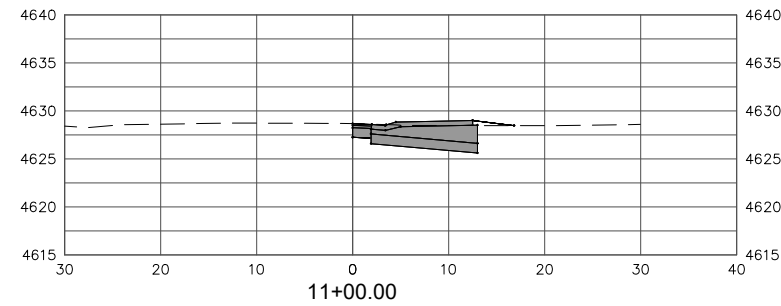
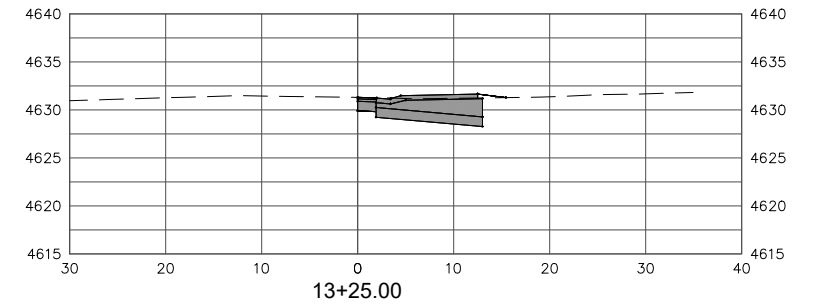
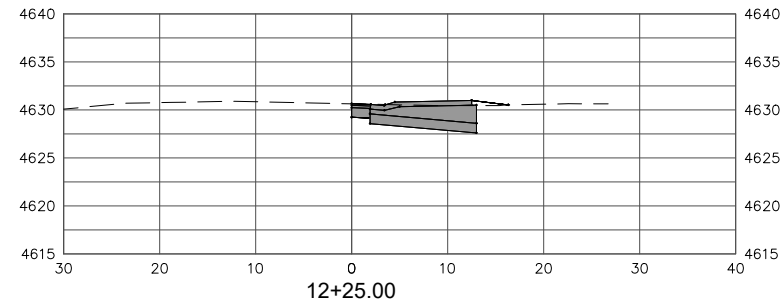
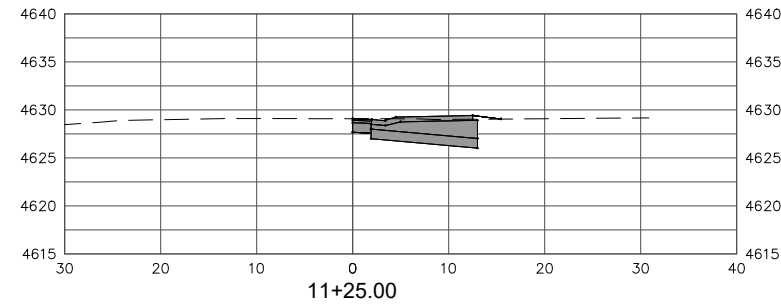
0 0.5' 1' 2'

VERTICAL: 1 INCH = 2 FEET



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CROSS SECTIONS (Sta. 7+50 - Sta. 10+25)
SRTS - Palmer Street Improvements
(Unaweepe Avenue - Highway 50)



REVISION	DESCRIPTION	DATE	PROJECT NO.	DATE
1			F240301	
2				
3				
4				

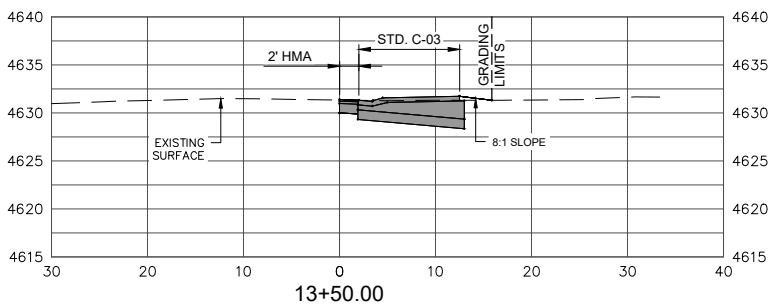
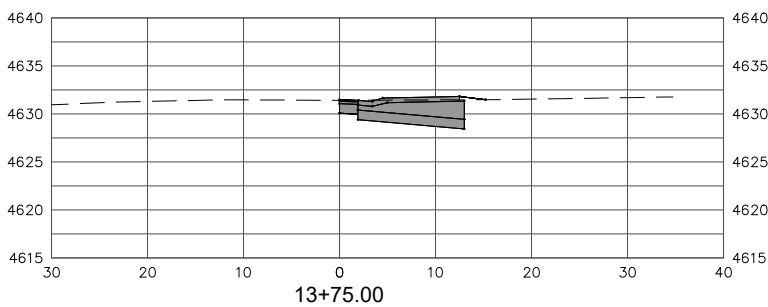
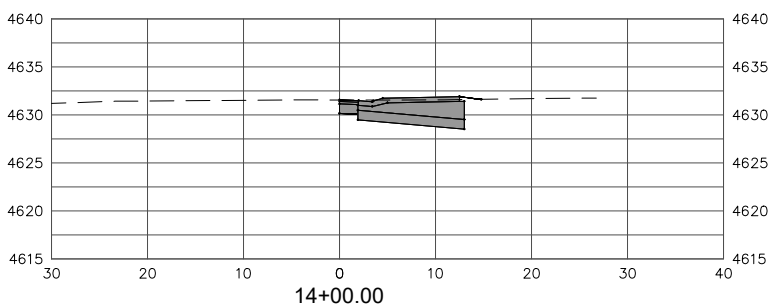
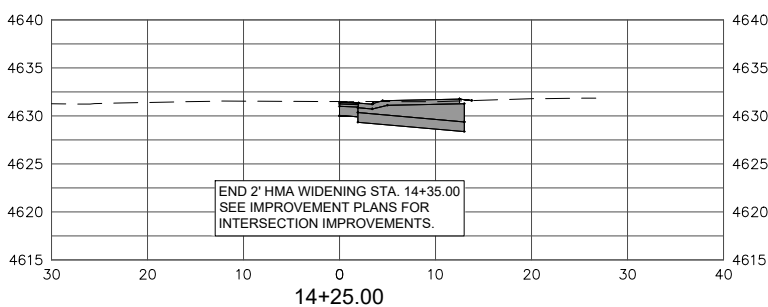
DRAWN BY:	NCW	DATE	01/2025
DESIGNED BY:	NCW	DATE	01/2025
CHECKED BY:	LMF	DATE	01/2025
APPROVED BY:	KH	DATE	01/2025

0	5'	10'	20'
HORIZONTAL: 1" = 20 FEET			
0	0.5'	1'	2'
VERTICAL: 1" = 2 FEET			



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CROSS SECTIONS (Sta. 10+50 - Sta. 13+25)
SRTS - Palmer Street Improvements
(Unawep Avenue - Highway 50)



REVISION	DESCRIPTION	DATE	PROJECT NO.	F240301
REVISION			DRAWN BY:	NCW
REVISION			DESIGNED BY:	NCW
REVISION			CHECKED BY:	LMF
REVISION			APPROVED BY:	KH
			DATE	01/2025
			DATE	01/2025
			DATE	01/2025
			DATE	01/2025



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CROSS SECTIONS (Sta. 13+50 - Sta. 14+25)
SRTS - Palmer Street Improvements
(Unaweeep Avenue - Highway 50)