

SUBJECT: APPROVAL OF UTILITY RELOCATION COSTS IN THE AMOUNT OF \$118,533.52 TO MTA COMMUNICATIONS, LLC FOR THE JOLLY CREEK DRAINAGE IMPROVEMENTS PHASE I AND PHASE II PROJECT IN RSA 21 BIG LAKE, AND APPROVAL TO EXTEND THE COMPLETION DATE TO DECEMBER 31, 2027.

AGENDA OF: June 2, 2026**ASSEMBLY ACTION:**

AGENDA ACTION REQUESTED: Present to the Assembly for consideration.

Route To:	Signature
Originator	X Austin Larson Signed by: Austin Larson 5/13/2026
Project Management Division Manager	X Cole Branham Signed by: Cole Branham 5/13/2026
Public Works Director	X Tom Adams, P.E. Signed by: Tom Adams 5/13/2026
Purchasing Director	X Russ Krafft Signed by: Russ Krafft 5/13/2026
Finance Director	X Cheyenne Heindel Signed by: Cheyenne Heindel 5/13/2026
Borough Attorney	X Nicholas Spiropoulos Signed by: Nicholas Spiropoulos 6/4/2026
Borough Manager	X Michael Brown Signed by: Mike Brown 6/4/2026
Borough Clerk	X Lonnie McKee Signed by: Lonnie McKee 6/5/2026

ATTACHMENT(S): Cost Estimate (5 pp)
Plans (15 pp)

SUMMARY STATEMENT: The Jolly Creek Drainage Improvements Project, Project No. 30043-6600-6711 in RSA 21 Big Lake, will improve drainage along Hollywood Drive and subdivision roads through grading improvements and installation of drainage structures.

As part of the design process, utilities reviewed the project plans to identify potential conflicts with existing infrastructure. Each utility within the project area was issued a \$5,000 reimbursable purchase order (PO) for preliminary engineering review and coordination. Where conflicts cannot be avoided, utility relocation must occur prior to construction, which is currently planned for late summer 2026 through 2027.

MTA Communications, LLC (MTA) submitted a reimbursable time and materials cost estimate in the amount of \$111,207.60 for relocation of communication utilities associated with the project. Pursuant to MSB 3.08.161, Assembly approval is required for contract awards exceeding \$100,000.

The Administration is requesting approval of additional costs in the amount of \$118,533.52 to MTA, consisting of:

\$7,325.92 for additional engineering services; and
\$111,207.60 for utility relocation work,

bringing the total contract amount to \$130,131.52, which includes the original \$5,000 preliminary engineering authorization, \$1,598 previously added for Phase II, and an additional \$5,000 previously added to support Phase III engineering coordination.

Additionally, the Administration is requesting approval to extend the completion date to December 31, 2027, to allow for continued engineering coordination associated with Phase III of the project. The Administration also requests authority to extend the contract for up to an additional 90 days if unforeseen circumstances arise.

RECOMMENDATION OF ADMINISTRATION: Approve additional cost of \$118,533.52 to MTA Communications LLC for preliminary engineering and utility relocation services for the Jolly Creek Drainage Improvements Project Phases I and II in RSA 21 Big Lake, approve the extension of the completion date to December 31, 2027, and authorize to extend the time of performance up to 90 days if necessary.

MATANUSKA-SUSITNA BOROUGH

FISCAL NOTE

Agenda Date: June 2, 2026

SUBJECT: APPROVAL OF ADDITIONAL COST OF \$ 118,533.52 TO MTA COMMUNICATIONS LLC. FOR PRELIMINARY ENGINEERING AND UTILITY RELOCATION FOR THE JOLLY CREEK DRAINAGE IMPROVEMENTS PROJECT PHASES I AND II IN RSA 21 BIG LAKE AND TO EXTEND THE COMPLETION DATE TO DECEMBER 31, 2027

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT YES NO
AMOUNT REQUESTED \$118,533.52	FUNDING SOURCE RSA Capital Projects
FROM ACCOUNT # 410.000.000 4xx.xxx	PROJECT# 30043-6600-6711
TO ACCOUNT:	PROJECT #
VERIFIED BY: 5 / 13 / 2026  Liesel Zanto Signed by: Liesel Zanto	[Redacted Signature Area]

EXPENDITURES/REVENUES:

(Thousands of Dollars)

OPERATING	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Personnel Services						
Travel						
Contractual						
Supplies						
Equipment						
Land/Structures						
Grants, Claims						
Miscellaneous						
TOTAL OPERATING						

CAPITAL	118.5					
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REVENUE						
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FUNDING:

(Thousands of Dollars)

General Fund						
State/Federal Funds						
Other	118.5					
TOTAL	118.5					

POSITIONS:

Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary)

APPROVED BY:	 Recoverable Signature
	 Cheyenne Heindel Signed by: Cheyenne Heindel

OSP Work Order Cover Sheet



Work Order #:	34568	Service Order #:	NO	Eng:	HLA
Project Description:	MSB Relocate MSB JOLLY CREEK		CLLI:	HALS	
*Purpose:			Bud#	345 - Relocate	
This work order will relocate MTA Facilities in conflict with MSB Project # 22-21-1543 JOLLY CREEK DRAINAGE IMPROVEMENTS. (Related ADOT Hollywood CHFWY00392 MTA 892-34547.)			Exch:	892 - Big Lake	
			Acct. Code:	2423.20 BCU-Buried Copper	
			Competitive CLLI? Y/N	N	

Work Order Tracking								
OSP Engineer	03/30/2026	HLA	To ROW	/ / /	To Construction	/ / /	Testing Comp	/ / /
OSP Ntwrk Engr	/ / /		Out of ROW	/ / /	To Contract	/ / /	Final Post	/ / /
OSP Eng Supv/Frm	/ / /		Permit Req'd (Y/N)		Contract Comp	/ / /	OSP Engr Review	/ / /
DIR E&C	4/ 9/26	C RB	Verbal (Y/N)		Placing Comp	/ / /	OSP Ntwrk Engr	/ / /
VP of OEC *	/ / /		Time		Plac Rem Comp	/ / /	OSP E&C MGR	/ / /
*(over \$200K Unidentified or 10% over Identified)			Date	/ / /	SPL Comp	/ / /		
Final	Is WO Identified?	AGENCY	SPL Rem Comp	/ / /	F/O SPL Comp	/ / /		
	2026 Identified	Per Intials						

Template: DOL Rate OVER \$25K					
Original	Estimate Summary				
Change Orders:	Hours	Dollars	Engineering		
Number / Date / Initial			Contract Bid		
/ /	Engineering - Preliminary Design	52.57	9,326.13		
/ /	Engineering - Construction	15.77	2,797.84		
/ /	Engineering - Posting Asbuilt redlines	10.15	1,799.95		
/ /	Survey Prep	0.00	0.00		
/ /	Survey Design - Crew	0.00	0.00		
/ /	Survey Construction - Crew	0.00	0.00	Placing	
/ /	Inspector	0.00	0.00	Contract Bid	
/ /	Placing	352.49	71,112.13		
/ /	Mobilization & Staging - Placing	52.90	10,672.05		
/ /	Splicing	88.15	18,032.33	Splicing	
Cable Information		Mobilization & Staging - Splicing	13.80	2,823.07	Contract Bid
Estimated Footage:	ROW Permits/Easements/Fees				
Copper Footage	1943	ROW Labor	18.40	3,263.98	
Fiber Footage	0	Materials		8,150.10	
Actual Footage:	Material Overhead				
Copper Footage	0	Boring - Contractor	Footage	50	2,415.00
Fiber Footage	0	Clearing - Contractor	Footage	0	0.00
Retired Route Footage:	SWPPP				
Copper Footage	0	Landscaping	Footage	0	0.00
Fiber Footage	0	Perdiem/Lodging/Meals/Mileage		0.00	
New Route Footage:	Other				
Copper Footage	0	Aid to Construction		0.00	
Fiber Footage	0	Material + Overhead: \$			
		Labor Sub Total: \$			
		Other Sub Total: \$			
		TOTAL Work Order: \$			
		130,883.21			
		\$131,000.00			

Notes:					
VDSL Nodes:	Total Estimated:		VDSL Nodes:	Total Estimated:	
Total Lots:	0		Loops > 6.5 KFT Before Cutover:	0	
Total Structures:	0		Loops < 6.5 KFT After Cutover:	0	
Lots-passed w/Innerduct:	12		Loops > 4 KFT Before Cutover:	4	
Loops >10 KFT Before Cutover:	0		Loops < 4 KFT After Cutover:	0	
Fiber Builds:	Total Estimated:		Fiber Builds:	Total Estimated:	
Total Lots:	0		Total Structures - FTTB:	0	
FDH being placed? Y or N	N		Total Structures - FTTH:	0	

Notes:

This work order is priced for Summer Construction.

MSB Reimbursable: \$125,131.52 (\$9,457.43 Material + \$115,674.09 Labor). See Relocate-Summary Report for Details.

MTA Betterments: \$5,751.68 (\$1,598.30 Material + \$4,153.38 Labor). See Relocate-Summary Report for MTA Betterments Breakout.

0

AM 26-070
7:1 AM 5/30/2020

Relocate Summary Report

WO#:		34568			Employee Name:								Matanuska Telephone Association			
Exch:		892 - Big Lake			Employee #:								Relocate - Summary Report			
CLLI:		HALS			Expected Pickup Date:											
Name:		MSB Relocate MSB JOLLY CREEK														
IM #	Qty	Unit	DESCRIPTION	Comments	DEPT	Material Cost	DB Labor Hours	Replacement in Kind - Materials	Replacement in Kind - LABOR	Betterment - Materials	Betterment - LABOR					
			Total Splicing Labor Costs =	\$18,032.33		0%	Splicing Labor		\$18,032.33			\$0.00				
							Boring	\$2,415.00		\$0.00						
							Clearing	\$0.00				\$0.00				
							Total Engineering Labor Costs =	\$13,923.91	15.62%	Engineering hours		\$13,427.28			\$496.63	
							Survey			\$0.00						
							Construction Inspector Hours			\$0.00						
							SWPPP			\$0.00						
							Landscaping			\$0.00						
							Perdiem, Lodging Meals Mieage			\$0.00						
							Other			\$0.00						
							Aid to Constr			\$0.00						
							ROW permit/fees			\$0.00						
							ROW					\$3,263.98				
							Total Placing Staging & Mobilization Labor Costs =	\$10,672.05	4.47%	Placing Stage & Mob Hours		\$10,194.88			\$477.17	
							Total Splicing Staging & Mobilization Labor Costs =	\$2,823.07	0.00%	Splicing Stage & Mob Hours		\$2,823.07			\$0.00	
											Sub-Total	\$9,457.43	\$115,674.09	\$1,598.30	\$4,153.38	
								\$130,883.21								

DB Relocate Materials Pick List



WO#: 34568
 Exch: 892 - Big Lake
 CLLI: HALS
 Name: MSB Relocate MSB JOLLY CREEK

Employee Name:
 Employee #:
 Expected Pickup Date:

IM #	Qty	Unit	DESCRIPTION	Reel#	DEPT
0	50	BM 60 (2ea 1.25)	BORED Duct Plastic, 1.25" x 2		Contract
1601	10	BA 22	POSTWOODRECT3.5x4.5IN x 8FT		PLC
23994	9	BD-4 AH	PEDESTAL,CABLE,CAD8,GLV ST (MAX 400PR)		PLC
23995	1	BD-5 AH	PEDESTAL,CABLE,CAD12,GLV ST (MAX 900PR)		PLC
16008	10	BM 11	MARKER,PEDESTAL,YLW,4FT,CLAMPS		PLC
1610	1	BM 2 5/8	ROD,GROUND,5/8IN x 8FT,BLACK-		PLC
0	6	BM 2A	WIRE,1C/06 AWG,BARE COPPER,		PLC
0	245	BM 70	Compacted Road/Driveway Crossing added to trenching cost		PLC
17096	2901	BM 92-1.25D	INNERDUCT,1.25IN,BLK/ORG STRIPE		PLC
17096	938	BM 92-1.25T	INNERDUCT,1.25IN,BLK/ORG STRIP		PLC
17197	999	BM 92-2T	INNERDUCT,2IN,BLK W/ORG STRIPE		PLC
0	12	LBR PLC	PLACING LABOR (BOM REQ)		PLC
25058	80	SEB 4-24 CAT5	DROP,CAT 5E,BUR, Filled, 4x24,5MFT		PLC
24140	20	SEB 6-22	DROP,BUR,FILLED,0006X22, 2.5MFT		PLC
16831	300	UFC 12-24	CABLE 12-24 Underground, in Conduit		PLC
16879	279	UFC 200-24	CABLE 200-24 Underground, in Conduit		PLC
16864	793	UFC 25-24	CABLE 25-24 Underground, in Conduit		PLC
16984	361	UFC 50-24	CABLE 50-24 Underground, in Conduit		PLC
17080	210	UFC 6-24	CABLE 6-24 Underground, in Conduit		PLC
0	6	WBD C	PEDESTAL REARRANGEMENT		PLC
0	291	WBFC	LOWER BURIED FILLED CABLE		PLC
0	60	WBFO	LOWER BURIED FIBER OPTIC CABLE		PLC
0	1	XBA	REMOVE STUB POLE		PLC
0	9	XBD	REMOVE PEDESTAL (3 4 OR 5)		PLC
0	120	XBM 92-1.25	ABANDON DUCT, 1.25"		PLC
0	3	BM 2C	EXISTING PED NEW CA BONDING		SPL
0	8	BM 2D	NEW PED EXISTING CABLE BOND		SPL
0	2	BM 30-(12)	PC STUB 12 PR		SPL
0	7	BM 30-(25)	PC STUB 25 PR		SPL
0	1	BM 30-(6)	PC STUB 6 PR.		SPL
19337	1	BM 50 (6/12)	TERMINAL 6 OR 12 PR		SPL
0	5	HBFC-1	BUR FILL CLOSURE (3 PR)		SPL
0	2	HBFC-2	BUR FILL CLOSURE (6-12 PR)		SPL
0	4	HC-1	CABLE SPLICING W/INDIV. CONN.		SPL
0	400	HC-3	CABLE SPLICING W/MOD		SPL
0	10	PEDS-C	SPL SET-UP BD3,4,5,&7		SPL
0	44	WHC-1	CABLE THROW W/INDIV. CONN 100 PR		SPL
0	680	WHC-3	CABLE THROW W/MOD 100 PR		SPL
0	7	WHC-4	REARRANGE JUMPERS IN B-BOX		SPL
0	13	WSEB	REARRANGE BURIED DROP		SPL
0	524	XBFC 12-24	12 PAIR BURIED ABANDON		SPL
0	306	XBFC 200-24	200 PAIR BURIED ABANDON		SPL
0	1150	XBFC 50-24	50 PAIR BURIED ABANDON		SPL
0	470	XBFC 6-24	6 PAIR BURIED ABANDON		SPL

DB Relocate Materials Pick List

WO#: <u>34568</u> Exch: <u>892 - Big Lake</u> CLLI: <u>HALS</u> Name: MSB Relocate MSB JOLLY CREEK  Employee Name: _____ Employee #: _____ Expected Pickup Date: _____					
IM #	Qty	Unit	DESCRIPTION	Reel#	DEPT
0	11	XBM 30	REMOVE PC STUB		SPL

LEGEND:

CABLE PLACEMENT DEPTHS:

COPPER

FIBER

PUBLIC UTILITY EASMENT:

36" MIN

42" MIN

ROAD ROW (OUTER 5')

36"

42"

ROAD CROSSINGS

48"

48"

AERIAL CABLE

BURIED CABLE

NEW PEDESTAL

EXISTING PEDESTAL

MUNICIPALITY OF ANCHORAGE:

COPPER

FIBER

PUBLIC UTILITY EASEMENT:

42" MIN

42" MIN

ROAD ROW (OUTER 5')

42"

42"

ROAD CROSSINGS

48"

48"

CONSTRUCTION COPY

W.O. OVERVIEW

MSB JOLLY CREEK. This work order will relocate MTA Facilities in conflict with MSB Project # 22-21-1543 JOLLY CREEK DRAINAGE IMPROVEMENTS.

This work order will place approximately 279' UFC 200-24, 361' UFC 50-24, & 793' UFC 25-24 pulled through 2" Sleeves, 300' UFC 12-24 & 210' UFC 6-24 pulled through 1.25" sleeves, an additional 2901' BM 92-1.25, 10 Copper Pedestals, and associated minor materials.

This work order will abandon/remove 306' BFC 200-24, 1150' BFC 50-24, 524' BFC 12-24, 470' BFC 6-24, 9 Copper Pedestals, and associated minor materials.

There is a related ADOT Improvement Project on Hollywood Rd; CFHWY00392; MTA WO# 892-34547.

TL=1937'

BORE=50'

POTHOLES REQUIRED: SHEETS 2, 3, 4, & 6.

455' MSB CLEAR & GRUB/STUMP REQUIRED:

200' TO R/W SHEETS 4 & 5 ,

170' + 85' UTILITY EASEMENTS SHEET 9.

VICINITY MAP

WORK LOCATIONS

SHEET 2

SHEET 3

SHEET 4

SHEET 5

SHEET 6

SHEET 7

SHEET 8

SHEET 9

CALL BEFORE YOU DIG!!!

ALASKA Digline INC
1-800-478-3121 - (811)
COMPANY PROVIDED LOCATES

GOLDEN VALLEY ELECTRIC
ASSOCIATION
CANTWELL - CLEAR: 452-1151

PARKS SERVICE
MAINTENANCE DEPT: 683-2294

MATANUSKA - SUSITNA BOROUGH
PUBLIC WORKS: 745-9802

CITY OF PALMER PUBLIC WORKS
PUBLIC WORKS: 745-3925

DOT TRAFFIC SIGNALS
ER-KNIK: 371-7081
VALLEY: 745-2102

STREET LIGHTS
ER-KNIK: 338-1436
VALLEY: 745-2102

CONSTRUCTION NOTES:

Y

CAUTION: LOCATE ALL UNDERGROUND FACILITIES IN AREA BEFORE START OF CONSTRUCTION - LOCATIONS ON PRINTS ARE APPROXIMATE. DRAWINGS ARE NOT TO SCALE. EXPOSE ALL CROSSINGS OF EXISTING BURIED FACILITIES BY HAND. USE EXTREME CAUTION WHILE WORKING AROUND HIGH VOLTAGE POWER LINES AND GAS MAINS.

Y

SIGN AND/OR FLAG WORK LOCATION WITHIN ROAD ROW WHERE VISIBILITY IS LESS THAN 500 FT. BOTH DIRECTIONS. OBSERVE ALL APPLICABLE SAFETY PROCEDURES FROM ADOT, BOROUGH, MTA, MUNICIPALITY OF ANCHORAGE AND AREA.

Y

PROJECT WILL BE STAKED - NO DEVIATIONS WILL BE PERMITTED WITHOUT PRIOR AUTHORIZATION FROM THE ENGINEERING DEPT. CONTACT ENGINEERING 48 HRS PRIOR START OF CONSTRUCTION FOR STAKES - IF REQUIRED. ALL MTA STAKING, LATH AND FLAGGING WILL BE REMOVED AT COMPLETION OF THE WORK ORDER.

Y

A COPY OF APPROPRIATE PERMITS MUST BE ON SITE DURING CONSTRUCTION.

Y

USE CAUTION WHEN DIGGING NEAR POWER POLES - SUPPORT IF NECESSARY.

N

ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RETURNED TO ORIGINAL CONDITION. DO NOT DISTURB LOT PINS OR SURVEY MARKERS.

Y

ALL OPEN CUT ROAD CROSSINGS SHALL BE RECOMPACTED PER PERMIT REQUIREMENTS.

N

THE FOLLOWING WORK WILL BE REQUIRED AT ALL INNERDUCT JOINTS: A MINIMUM 12" LENGTH OF HEAT SHRINK TUBING TO BE APPLIED EQUALLY OVER BOTH SIDES OF THE INNERDUCT COUPLING TO MAKE AN AIRTIGHT SEAL.

N

CLEARING REQUIRED

N

CREEK/LAKE

Y

PIPE PUSH/BORE

N

CUT SHEETS REQUIRED

N

CONST SURVEY ONLY

Y

CAT REQUIRED (COPPER)

N

SWAMP

Y

LANE CLOSURE REQUIRED

N

CO & HUT MDF JUMPERS CABLE

Y

R.O.W. REQ REVIEW

ALL

SHEET(S)

MILEPOST

MILEPOINT

ROUTE#

OSP E&C SUPV/FOREMAN:

DATE:

NETWORK PLANNER:

DATE:

DIRECTOR OSP ENG&CONST:

DATE: 4/9/26

R.O.W AGENT:

DATE:

RELATED WO: ADOT HOLLYWOOD 892-34547

CLLI: HALS

WO#: 892-34568

ENG: H.Anderson

DATE: 03/27/2026

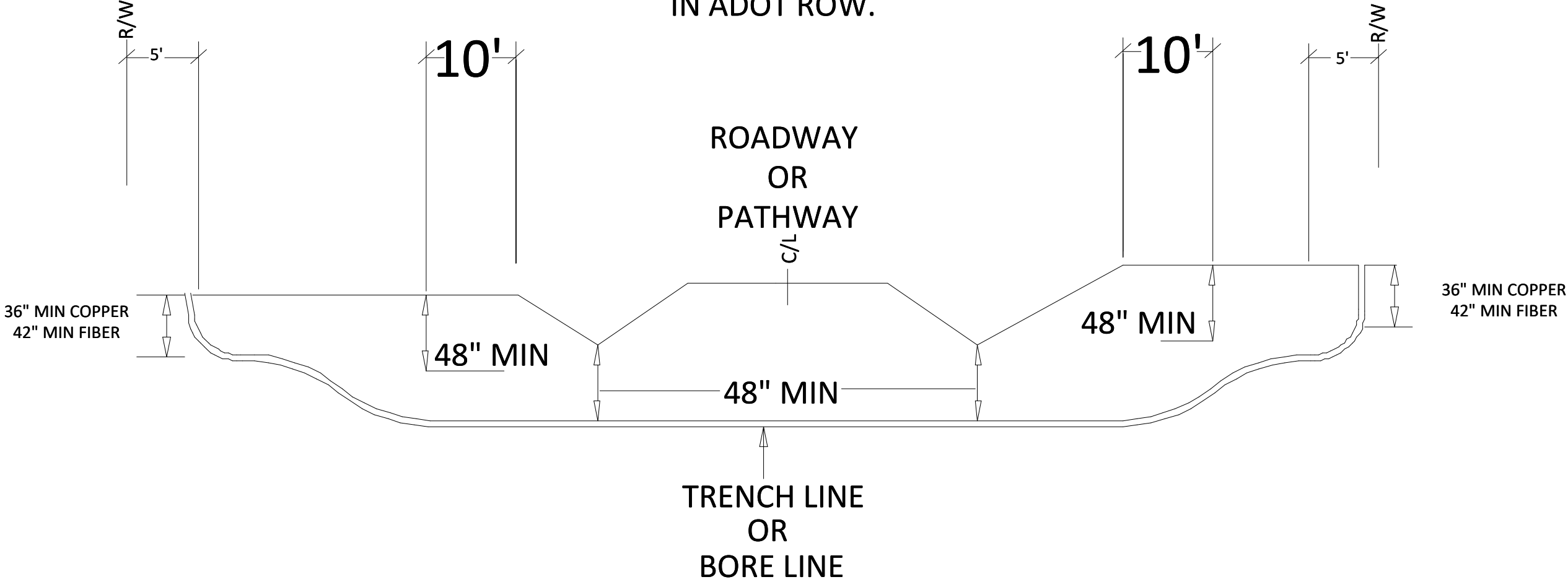
FILE: CV_892-34568 SHEET 1 OF 9

MTA

892-34568 SHEET 1 OF 9

AM 26-070

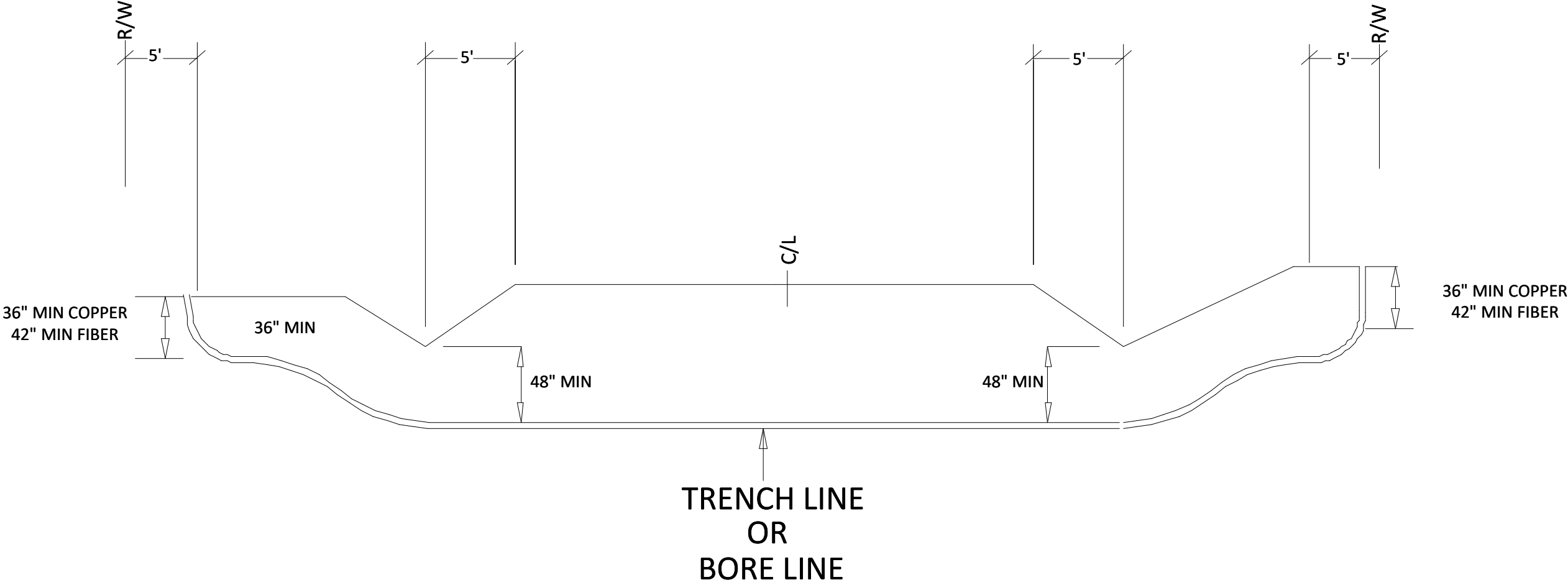
WO# 892-34568 MTA TYPICAL FOR ADOT ROW
THIS DRAWING SUPERSEDES THE COVER SHEET LEGEND.
ADOT ROADWAY &/OR PATHWAY DETAIL
FOUR FOOT MINIMUM DEPTH TO
BE MAINTAINED WHEN CROSSING
UNDER, OR WITHIN TEN FEET OF
SLOPE LIMITS OF PATH AND/OR ROADWAY
IN ADOT ROW.



- GENERAL BORING / EXCAVATION NOTES:
- 1. ALL CONDUIT PLACED BY BORING OR EXCAVATION MUST BE A MINIMUM OF 4 FEET BELOW THE LOWEST ROAD EXCAVATION (USUALLY THE DITCH BOTTOM) IN STRUCTURAL SECTIONS AND WITHIN TEN FEET OF SLOPE LIMITS (INCLUDING BIKE PATH SLOPES)
 - 2. NOTED BORE/TRENCH LENGTHS ARE APPROXIMATE. ACTUAL LENGTHS MAY VARY DEPENDING ON RIG SETUP LOCATIONS

WO NUMBER: 892-34568	
ENGINEER: H.Anderson	
CLLI:	TWIN:
RNG: 03W	SEC: 22
GRID: NW3236	MSB: HO 14
DRAFTER:	
AS BUILT DATE:	
WO DESC.:	
SHEET NAME: 892-34568 SHEET 1A OF 9	
NOTES: Scale:	
↑ N Filename: CV_892-34568 SHEET 1A OF 9 Staked By: AD\handerson Last Accessed By: Last Saved: 3/26/2026	
SUB. INFO	
[IMAGE MTA\LOGO-Model.JPG.]	
892-34568 SHEET 1A OF 9	

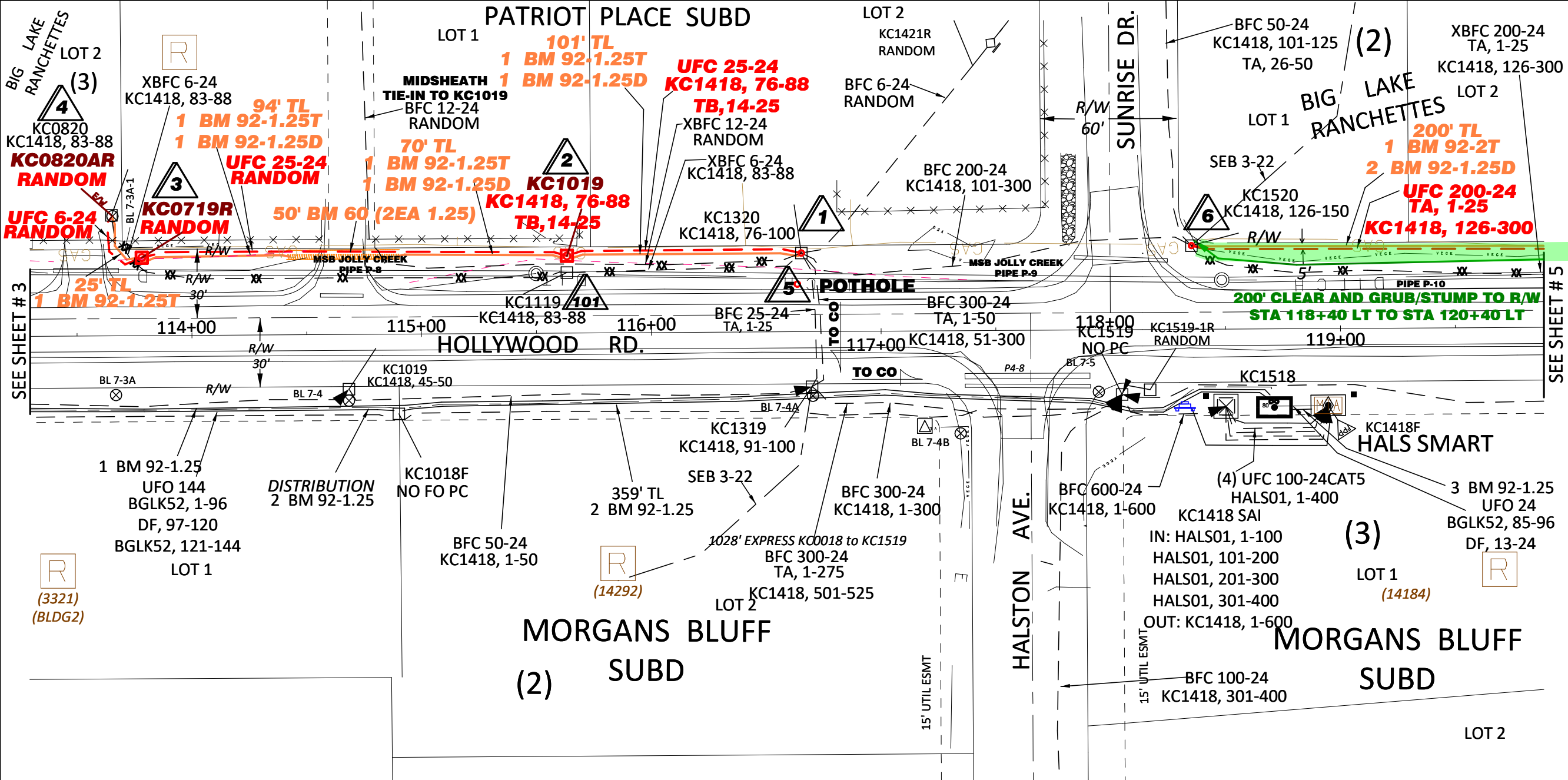
TYPICAL MSB ROAD
CROSSING
DETAIL



GENERAL BORING / EXCAVATION NOTES:

1. ALL CONDUIT PLACED BY BORING OR EXCAVATION MUST BE A MINIMUM OF 4 FEET BELOW THE LOWEST ROAD EXCAVATION (USUALLY THE DITCH BOTTOM)
2. NOTED BORE/TRENCH LENGTHS ARE APPROXIMATE. ACTUAL LENGTHS MAY VARY DEPENDING ON RIG SETUP LOCATIONS.

WO NUMBER: 892-34568	
ENGINEER: H.Anderson	
CLLI:	TWIN:
RNG: 03W	SEC: 22
GRID: NW3236	MSB: HO 14
DRAFTER:	
AS BUILT DATE:	
WO DESC.:	
SHEET NAME: 892-34568 SHEET 1B OF 9	
NOTES: Scale:	
Filename: CV_892-34568 SHEET 1B OF 9 Staked By: AD\handerson Last Accessed By: Last Saved: 3/26/2026	
SUB. INFO	
[IMAGE MTALOGO-Model.JPEG]	
892-34568 SHEET 1B OF 9	



WO NUMBER:
892-34568

ENGINEER:
H.Anderson

CSA: HALS

TWN: 17N

RNG: 03W

SEC: 22

GRID: NW3236

MSB or MOA: HO 14

CREATION DATE:

NOTES:
Scale: 1 TO 50

MTA/MSB/ADOT AGREEMENT NOTES:
PROPOSED FACILITIES BETWEEN
STA 113+50 LT AND 116+75 LT
MOVED TO MSB JOLLY CREEK 892-34568
- Utility Construction in 2026
FROM ADOT HOLLYWOOD 892-34547 -
Utility Construction at a later date.

CONSTRUCTION NOTES:
LOC 2: BFC 12-24 MID SHEATH TIE-IN TO
PED KC1019.
LOC 5 - POT HOLE TO DETERMINE
DEPTH OF BFC 300-24 & BFC 25-24
CROSSING NEAR STA 116+80
ADJUST BOTH IF NECESSARY TO AVOID
DITCH CONFLICTS.
LOC 6 TO SHEET 5 LOC 1; 200' CLEAR
AND GRUB/STUMP REQUIRED



WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY
101	XBFC 6-24	103'	0	0	0	0	0	0	0	0	0	
2	UFC 25-24	113'	0	0	0	0	0	0	0	0	0	
3	UFC 25-24	229'	0	0	0	0	0	0	0	0	0	
4	UFC 6-24	40'	0	0	0	0	0	0	0	0	0	
4	XBFC 6-24	251'	0	0	0	0	0	0	0	0	0	
1	WBD C	1	WBFC 5	0	0	0	0	0	0	0	0	
101	XBD	1	XBA 1	XBM 30 1	0	0	0	0	0	0	0	
2	BD-4 AH	1	BA 22 1	BM 11 1	WBFC 25	0	0	0	0	0	0	
3	BD-4 AH	1	BA 22 1	BM 2A 1	BM 11 1	WBFC 20	0	0	0	0	0	
4	XBD	1	XBM 30 1	0	0	0	0	0	0	0	0	

Filename:
SS_892-34568 SHEET 4 OF 9

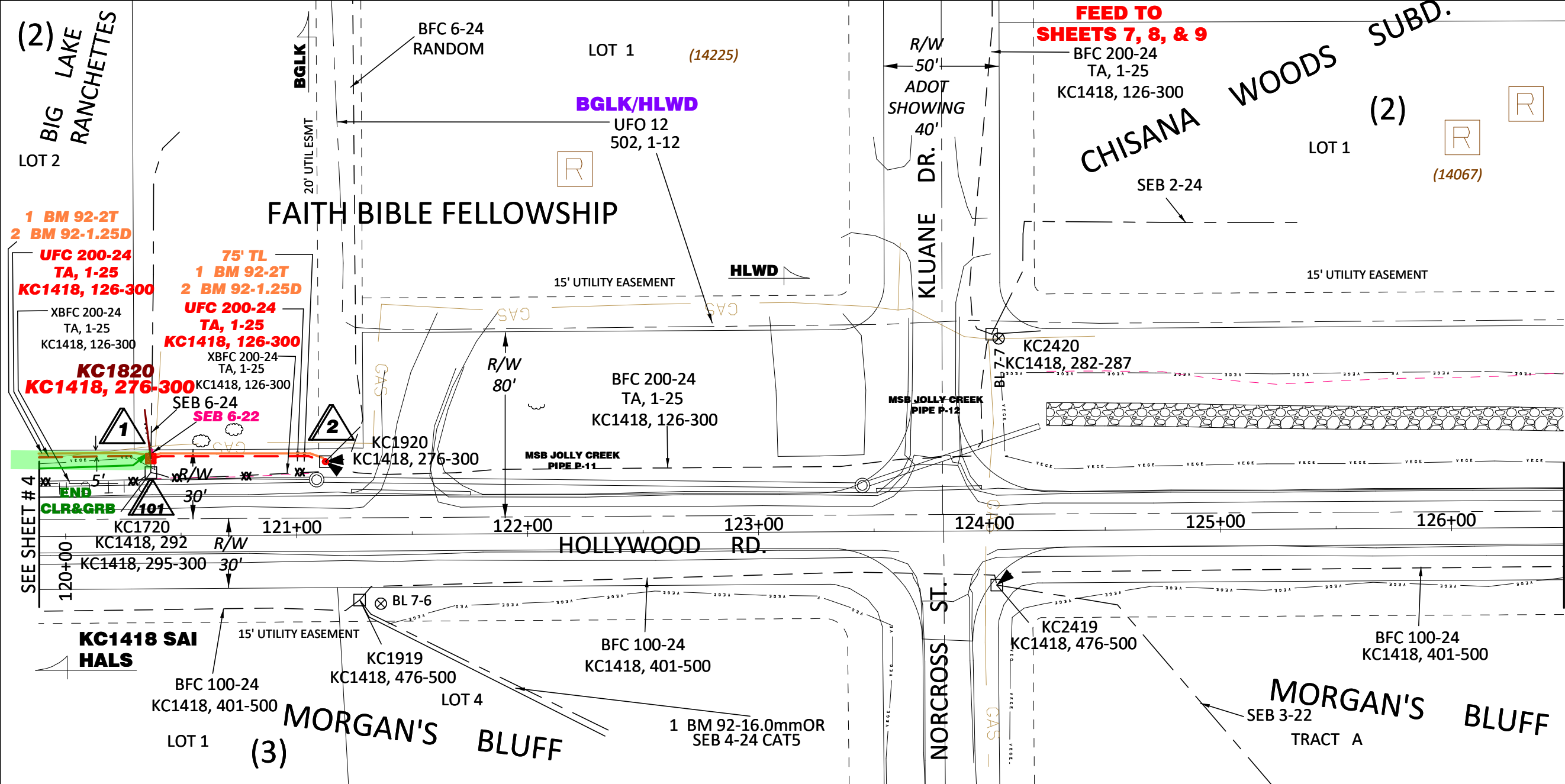
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Last Saved: 3/25/2026

MTA

892-34568 SHEET 4 OF 9

WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	WO NUMBER: 892-34568
6	WBD C	1	WBFC 5	0	0	0	0	0	0	0			ENGINEER: H.Anderson
2	TL	101'	BM 92-1.25T 111	BM 92-1.25D 111									CSA:
3	TL	94'	BM 92-1.25T 104	BM 92-1.25D 104									TWN:
3	BM 60 (2EA 1.25)	50'											RNG:
3	TL	70'	BM 92-1.25T 80	BM 92-1.25D 80									SEC:
4	TL	25'	BM 92-1.25T 35										GRID:
1	BM 2C	1	WHC-3 25	0	0	0	0	0	0	0			MSB or MOA:
2	PEDS-C	1	HC-3 25	0	0	0	0	0	0	0			CREATION DATE:
3	PEDS-C	1	HC-3 25	0	0	0	0	0	0	0			NOTES: Scale: 1 TO 50
5	WBFC	40	LBR PLC 0	0	0	0	0	0	0	0			
6	BM 2D	2	WHC-3 200	0	0	0	0	0	0	0			
2	BM 30-(25)	1	0	0	0	0	0	0	0	0			
3	BM 30-(25)	1	0	0	0	0	0	0	0	0			
4	BM 50 (6/12)	1	0	0	0	0	0	0	0	0			
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													892-34568 SHEET 4A OF 9



WO NUMBER:
892-34568

ENGINEER:
H.Anderson

CSA: HALS

TWN: 17N

RNG: 03W

SEC: 22

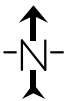
GRID: NW3236

MSB or MOA: HO 14

CREATION DATE:

NOTES:
Scale: 1 TO 50

CONSTRUCTION NOTES:
FROM SHEET 4 TO LOC 1:
CLEAR AND GRUB/STUMP REQUIRED



WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY
1	UFC 200-24	203'	0	0	0	0	0	0	0	0	0	
101	XBFC 200-24	217'	0	0	0	0	0	0	0	0	0	
2	XBFC 200-24	89'	0	0	0	0	0	0	0	0	0	
2	UFC 200-24	76'	0	0	0	0	0	0	0	0	0	
1	BD-4 AH	1	BA 22 1	BM 2 5/8 1	BM 11 1	WSEB 1	0	0	0	0	0	
101	XBD	1	XBM 30 1	0	0	0	0	0	0	0	0	
2	WBD C	1	WBFC 5	0	0	0	0	0	0	0	0	
1	TL	200'	BM 92-2T 210	BM 92-1.25D 420								
2	TL	75'	BM 92-2T 85	BM 92-1.25D 170								
1	SEB 6-22	10'	HBFC-2 1	WHC-1 6	0	0	0	0	0	0	0	

Filename:
SS_892-34568 SHEET 5 OF 9

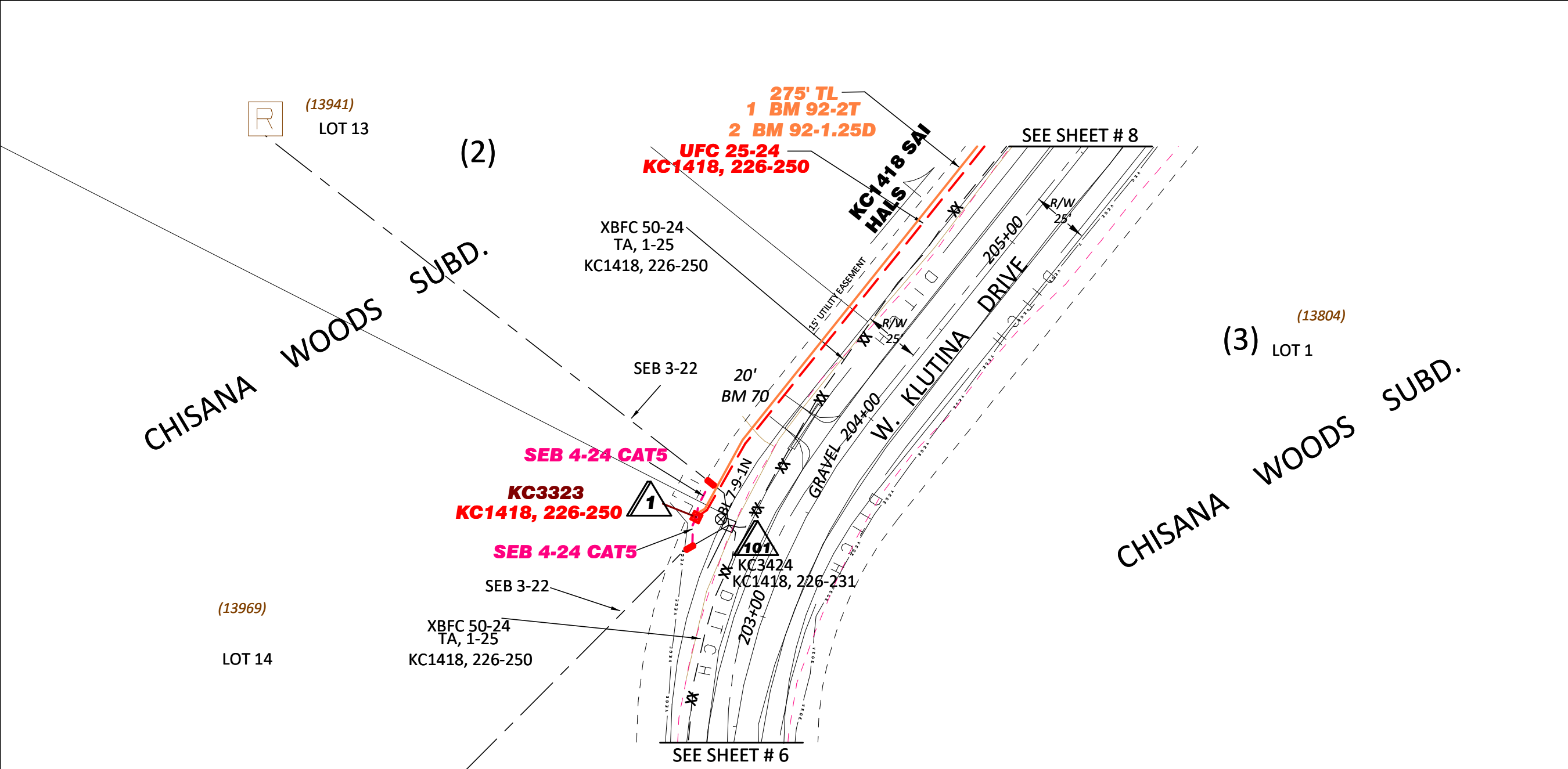
Staked By: AD\handerson

Last Saved: 3/25/2026

MTA

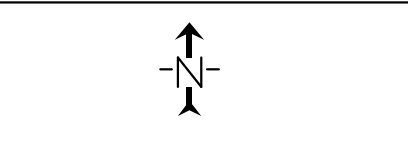
892-34568 SHEET 5 OF 9

WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	WO NUMBER: 892-34568
1	PEDS-C	1	BM 2D 1	HC-3 200	WSEB 1	0	0	0	0	0			ENGINEER: H.Anderson
1	BM 30-(25)	1	WSEB 1	WHC-1 2	0	0	0	0	0	0			CSA:
2	BM 2D	2	WHC-3 200	0	0	0	0	0	0	0			TWN:
													RNG:
													SEC:
													GRID:
													MSB or MOA:
													CREATION DATE:
													NOTES: Scale: 1 TO 50
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													┌┐┐ └└└ ┌┐┐ └└└ ┌ Filename: SS_892-34568 SHEET 5 OF 9 Staked By: AD\handerson Last Saved: 3/25/2026
													MTA
													MTA
													892-34568 SHEET 5A OF 9



WO NUMBER:	892-34568
ENGINEER:	H.Anderson
CSA:	HALS
TWN:	17N
RNG:	03W
SEC:	22
GRID:	NW3236
MSB or MOA:	HO 14
CREATION DATE:	

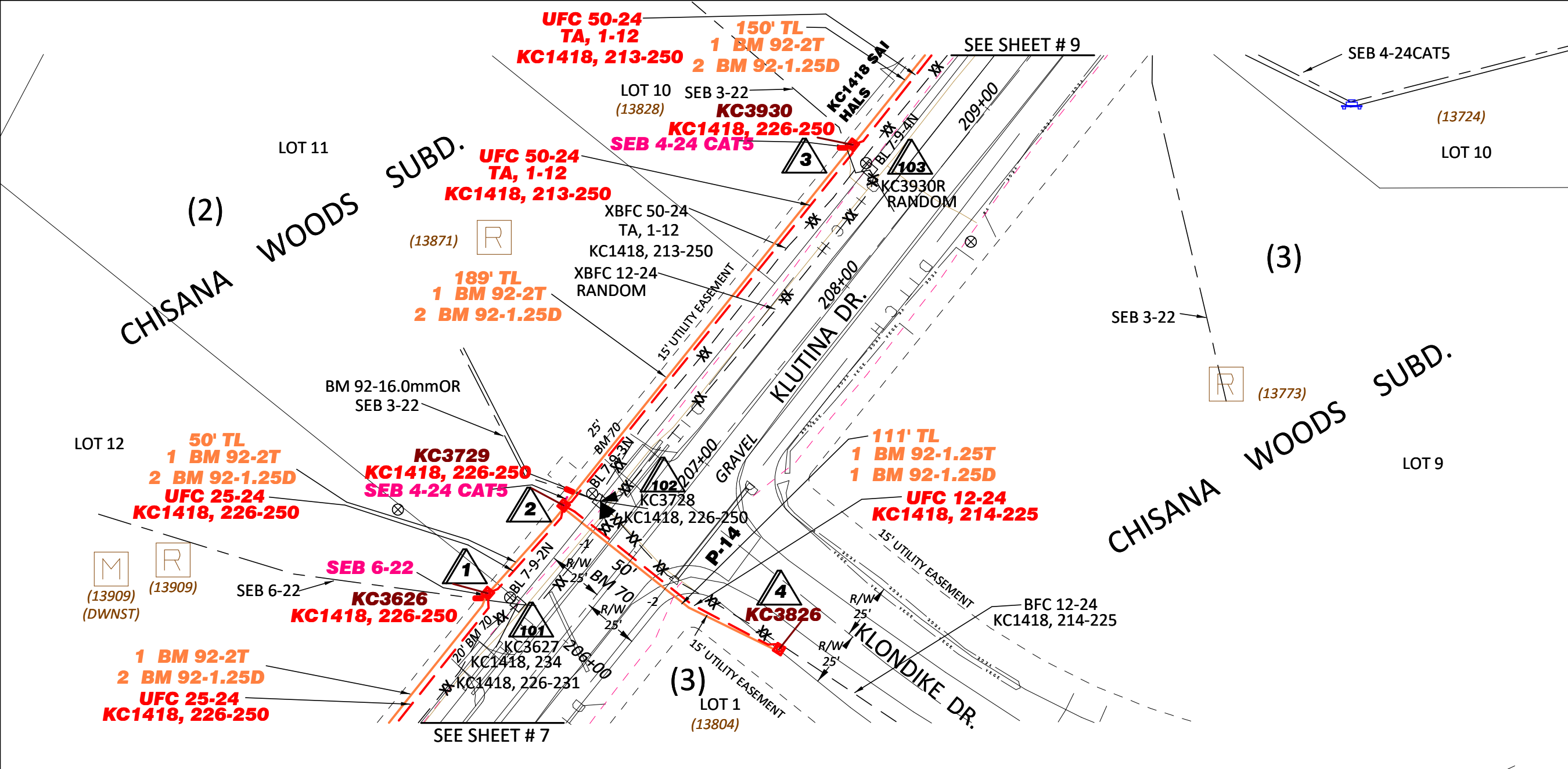
NOTES:
Scale: 1 TO 50



WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY
101	XBFC 50-24	251'	0	0	0	0	0	0	0	0		
1	BD-4 AH	1	BA 22 1	BM 2A 1	BM 11 1	WSEB 1	WSEB 1	0	0	0		
1	SEB 4-24 CAT5	20'	HBF-1 1	WHC-1 3	0	0	0	0	0	0		
1	SEB 4-24 CAT5	20'	HBF-1 1	WHC-1 3	0	0	0	0	0	0		
101	XBD	1	XBM 30 1	0	0	0	0	0	0	0		
1	PEDS-C	1	HC-3 25	0	0	0	0	0	0	0		
1	BM 30-(25)	1	WHC-1 2	WHC-1 2	0	0	0	0	0	0		

Filename:
SS_892-34568 SHEET 7 OF 9
Staked By: AD\handerson
Last Saved: 3/24/2026

MTA



WO NUMBER:
892-34568

ENGINEER:
H.Anderson

CSA: HALS

TWN: 17N

RNG: 03W

SEC: 22

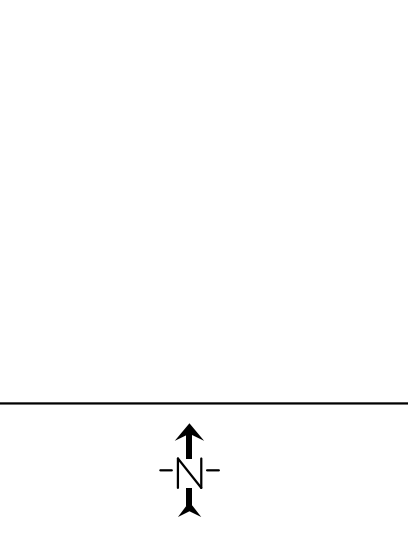
GRID: NW3236

MSB or MOA: HO 14

CREATION DATE:

NOTES:
Scale: 1 TO 50

CONSTRUCTION NOTES:
TRENCH EXTRA DEPTH R/W TO R/W
CROSSING KLUTINA
LBR PLC 3 HRS
5' DEEP WEST DITCH BOTTOM
6' DEEP EAST DITCH BOTTOM



WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY
1	UFC 25-24	284'	BM 70 25	BM 70 25	0	0	0	0	0	0		
101	XBFC 50-24	275'	0	0	0	0	0	0	0	0		
102	XBFC 50-24	42'	0	0	0	0	0	0	0	0		
103	XBFC 12-24	206'	0	0	0	0	0	0	0	0		
2	UFC 25-24	53'	0	0	0	0	0	0	0	0		
3	UFC 50-24	206'	LBR PLC 3	BM 70 25	0	0	0	0	0	0		
4	UFC 12-24	117'	BM 70 50	0	0	0	0	0	0	0		
1	BD-4 AH	1	BA 22 1	BM 2A 1	BM 11 1	WSEB 1	0	0	0	0		
1	SEB 6-22	10'	HBF-2 1	WHC-1 6	0	0	0	0	0	0		
2	SEB 4-24 CAT5	10'	HBF-1 1	WHC-1 4	0	0	0	0	0	0		

Filename:
SS_892-34568 SHEET 8 OF 9

Staked By: AD\handerson

Last Saved: 3/30/2026

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892-34568 SHEET 8 OF 9

WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	WO NUMBER: 892-34568
3	SEB 4-24 CAT5	10'	HBF-1 1	WHC-1 3	0	0	0	0	0	0			ENGINEER: H.Anderson
101	XBD	1	XBM 30 1	0	0	0	0	0	0	0			CSA:
102	XBD	1	XBM 30 1	0	0	0	0	0	0	0			TWN:
103	XBD	1	XBM 30 1	0	0	0	0	0	0	0			RNG:
2	BD-4 AH	1	BA 22 1	BM 2A 1	BM 11 1	WSEB 1	0	0	0	0			SEC:
3	BD-4 AH	1	BA 22 1	BM 2A 1	BM 11 1	0	0	0	0	0			GRID:
4	BD-4 AH	1	BA 22 1	BM 2 5/8 1	BM 11 1	WBFC 30	XBFC 12-24 106	0	0	0			MSB or MOA:
1	TL	275'	BM 92-2T 285	BM 92-1.25D 570									CREATION DATE:
2	TL	50'	BM 92-2T 60	BM 92-1.25D 120									NOTES: Scale: 1 TO 50
3	TL	189'	BM 92-2T 199	BM 92-1.25D 398									
4	TL	111'	BM 92-1.25T 121	BM 92-1.25D 121									
1	PEDS-C	1	HC-3 25	0	0	0	0	0	0	0			
2	PEDS-C	1	HC-3 50	0	0	0	0	0	0	0			
3	PEDS-C	1	HC-3 50	0	0	0	0	0	0	0			
4	PEDS-C	1	BM 2D 1	WHC-3 12	0	0	0	0	0	0			
1	BM 30-(25)	1	WSEB 1	WHC-1 2	0	0	0	0	0	0			
2	BM 30-(25)	1	WSEB 1	WHC-1 2	0	0	0	0	0	0			
3	BM 30-(25)	1	0	0	0	0	0	0	0	0			
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WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	WO NUMBER: 892-34568
2	SEB 4-24 CAT5	20'	HBF-1 1	WHC-1 3	0	0	0	0	0	0			ENGINEER: H.Anderson
3	WBD C	1	WBFC 5	0	0	0	0	0	0	0			CSA:
4	WBD C	1	WBFC 1	XBM 92-1.25 120 *B*	0	0	0	0	0	0			TWN:
1	TL	150'	BM 92-2T 160	BM 92-1.25D 320 *B*									RNG:
2	TL	122'	BM 92-1.25T 132	BM 92-1.25D 132 *B*									SEC:
3	TL	185'	BM 92-1.25T 195	BM 92-1.25D 195									GRID:
4	TL	150'	BM 92-1.25T 160	BM 92-1.25D 160									MSB or MOA:
1	PEDS-C	1	BM 2D 2	WHC-3 200	WHC-4 7	0	0	0	0	0			CREATION DATE:
2	PEDS-C	1	HC-3 25	0	0	0	0	0	0	0			NOTES: Scale: 1 TO 50
3	BM 2C	1	WHC-3 12	0	0	0	0	0	0	0			
4	BM 2C	1	WHC-1 6	0	0	0	0	0	0	0			
2	BM 30-(12)	1	WSEB 1	WHC-1 2	HC-1 4	0	0	0	0	0			
3	BM 30-(12)	1	XBM 30 1	0	0	0	0	0	0	0			
4	BM 30-(6)	1	XBM 30 1	WSEB 1	WHC-1 2	WSEB 1	WHC-1 2	0	0	0			
													↑ -N- ↓
													┌┐┐ ┌┌┌ ┌┌┌ └ Filename: SS_892-34568 SHEET 9 OF 9 Staked By: AD\handerson Last Saved: 3/24/2026
													892-34568 SHEET 9A OF 9