UTOPIA

2021 PROJECT

MURRAY 011-001 - UTAH

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION
SYSTEMS ENGINEERING

GENERAL UDOT NOTES

1) Work on the UDOT right-of-way is restricted from October 15 – April 15.
2) Call your Inspector 24 hours before starting work and 48 hours before placing materials in UDOT's right of way.
3) Any new pavement markings or pavement markings that are removed from the highway are to be replaced with in kind materials such as 3M tape, thermoplastic, etc. All paint lines are to be installed with permanent paint application before completion of the permit and must have at least 6 months life as determined by UDOT's permits officer.
4) Work is not allowed on the right-of-way during the AM/PM peak traffic hours (6:00 – 9:00 AM and 3:30 – 6:00 PM) or as specified in your permit limitations.
5) Before commencing work on the State highway, the contractor who is awarded the project must have a performance bond uploaded into their online application in order to obtain an encroachment permit from the Region Two Permits Office, and provide proof of liability insurance in the name of the Utah Department of Transportation. The minimum amount is $1,000,000.00 per occurrence and $2,000,000.00 in aggregate. For details contact 801-975-4808.
6) Contractor must follow the MOT that was submitted and approved for that specific job. Any alterations to the approved traffic control plan is grounds to have your permit revoked.
7) UDOT approved flowable fill (36") minimum is required under the pavement of all road cuts.
8) All Asphalt joints must be saw-cut at right angles to the roadway and all edges must be cleaned and tack coated prior to replacing the new asphalt pavement. All over-cuts must be sealed with a UDOT approved epoxy sealant.
9) UDOT requires 12" of granular borrow; 6" untreated base course and 7" of a UDOT approved PG-64 or better asphalt.
10) Excavations outside of the asphalt must be back filled with UDOT approved granular borrow and road base compacted in 6" lifts and meet 97% compaction under roadways and 96% for all else.
11) You will be required to hire an approved independent company for all testing with in the UDOT right of way at contractor's expense.
12) You and your contractor are responsible for any damage to the UDOT Right- of-Way that may be directly or indirectly caused by your development.
13) Work on a traffic signal or signal installation will require a separate bond that will be determined once the work has been approved. An independent inspection company will be required for you to hire for inspection of the work on and/or installation of the traffic signal. For a list of the UDOT approved contractors and consultants contact Dave Mount with UDOT Region 2 Traffic Signals at 801-330-4446. I must have his approval before I can issue a permit for signal work.
14) For concrete panel replacement, you must replace the entire panel per UDOT standards and specifications, and UDOT standard drawings PV 2-5 or the current UDOT standard (02754S) whichever is specified on your permit.
15) Double cut the concrete to prevent the spalling of other concrete panels and to avoid over-cuts. Over-cuts and spalls will require full panel replacement.
16) All plans and drawings must conform to the most recent edition of the Utah Department of Transportation's "Standard Drawings" and "Standard Specifications" including all supplemental specs and drawings.
17) All permits are subject to the Utah Department of Transportation's (UDOT's) Regulations for the Accommodation of Utilities on Federal Aid and Non Federal-Aid Highway Right-of-Way, Regulations for the Control and Protection of State Highway Rights of Way, Standard Specifications for Road and Bridge Construction, UDOT Specifications for Excavation of State Highway, State Occupational Safety and Health Laws, Instructions to Flaggers, American Association of State Highway and Transportation Official's "A Policy on Geometric Design of Highways and Streets" and the Federal Highways Administration "Manual on Uniform Traffic Control Devices", the approved plans, and any special limitations set forth on the approved permit.
18) Plans should be submitted on one legible size 24" X 36" and one 11" X 17" A PDF copy may be required for the permit application.
19) Plates that are used to cover open trenches must be milled into the asphalt and meet UDOT standard TC-1 (19).
20) All work on the interstates will require message boards placed in both directions a week prior to the start of work stating: there will be lane restrictions in this area due to (utility installation type and contact name). UDOT Traffic Operations Center is to be notified of all traffic impacts (801-887-3700).

PERMITS

AGENCY	SHEET(S)

REVISIONS

PAGE	REVISION	DATE

LIST OF ASSUMPTIONS

1. THERE ARE NO CENTURYLINK POLES BEING ATTACHED TO.

2. THE CONTRACTOR WILL BE RESPONSIBLE FOR SUBMITTING A TRAFFIC PLAN AND OBTAINING ALL UDOT PERMITS.

NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT-OF-WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER
- ANCHOR SYMBOLS
- BACKBONE
- CABINET
- MDU LINE

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

UTOPIA

UTOPIA	JOB NUMBER	REV
2021 PROJECT		3
MU011-001 – UTAH	DRAWING NUMBER MU011-PERMIT	

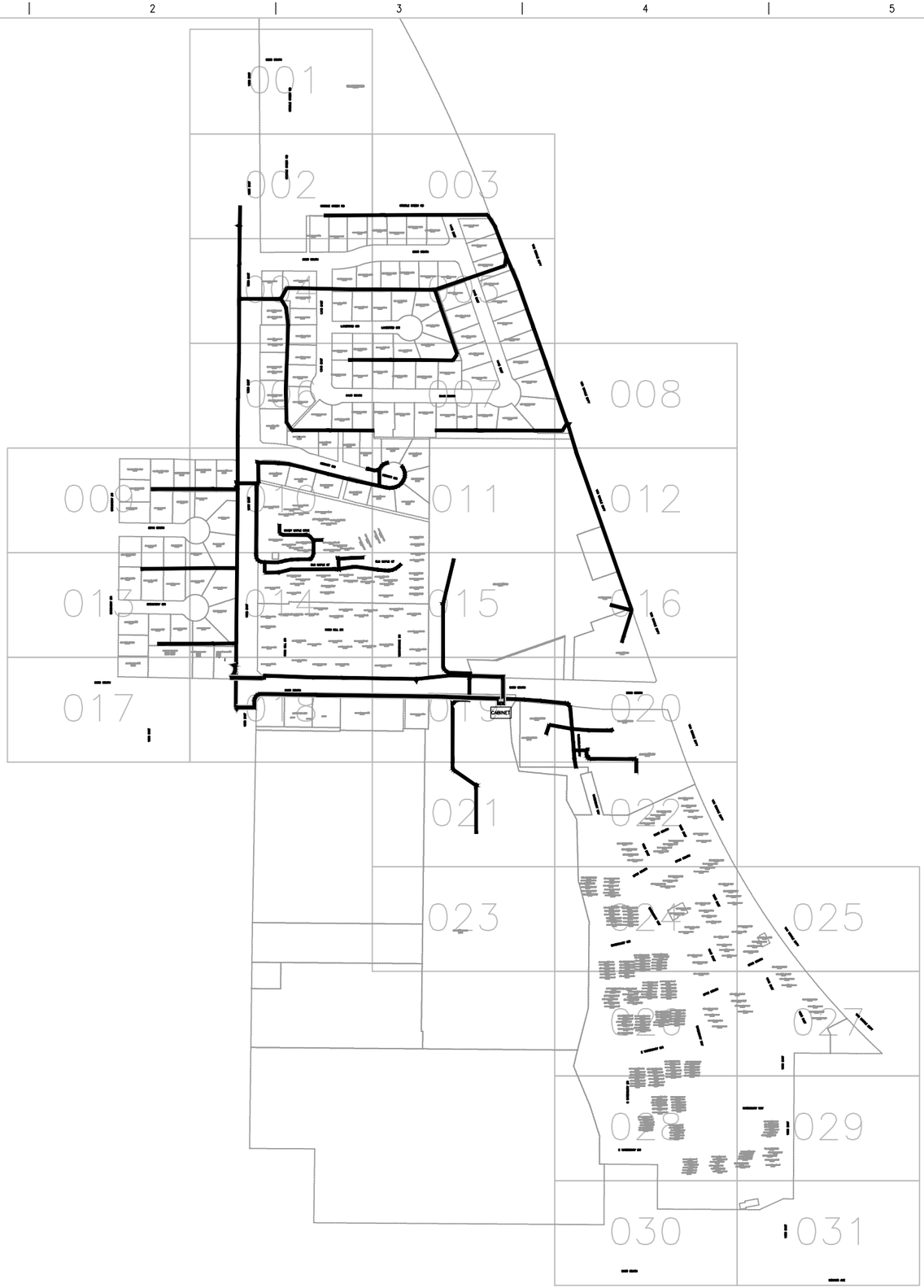
REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	1/2021	MSC	MSC	MSC	

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	NTS	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE



LEGEND

- R/L LOCATION
- EX. CONDUIT
- SHEET

NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT–OF–WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER
- ANCHOR SYMBOLS
- BACKBONE
- CABINET
- MDU LINE

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662–4111

UTOPIA

UTOPIA						
2021 PROJECT						
MU011–001 – UTAH						
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	1/2021	MSC	MSC	MSC	
REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD

JOB NUMBER: REV 3

DRAWING NUMBER: MU011–SCHEMATIC

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	NTS	

THIS DRAWING WAS PREPARED BY MID–STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE

NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT–OF–WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662–4111

ITEM	UNIT	QUANTITY	DESCRIPTION	ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			

KEY MAP

	001	
	002	003

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011–001 – UTAH

JOB NUMBER
REV 3
DRAWING NUMBER MU011–001

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID–STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE

NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT-OF-WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION
101	LINFT	6-(24")	TRENCH DIRT (DEPTH)
124	FT	6	PL. IN TRENCH - 4" PVC SCHEDULE 40
300	FT	6	PL. IN CONDUIT - 1 LOCATE WIRE
321R	FT-EA CABLE	20-48 FOC	PL. IN CONDUIT/CASING RISER - (< OR = 96 FOC)
520A	SQFT	25	SOD R&R - AT & AROUND HH ONLY
600-10	EA	1	AERIAL SPLICE CLOSURE & PREP (</= 72 CNT)
723A	FT	232-24 FOC	PLACE FIBER OPTIC CABLE AERIAL
723B	FT-EA CABLE	25-48 FOC	FIBER OPTIC SLACK STORAGE CABLE IN HH FP OR AERIAL
736B	FT	232	EXTRA HIGH STRENGTH STEEL STRAND 1/4" (INT)
(1)750B	FT-EA CABLE	232	DOUBLE LASH FOC TO STRAND (INT)
HH-3	EA	1	HANDHOLE (LARGE > 36")

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			
089009	791	N-LX66	SD-4	

KEY MAP

	001	
	002	003
	004	005

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011-001 - UTAH

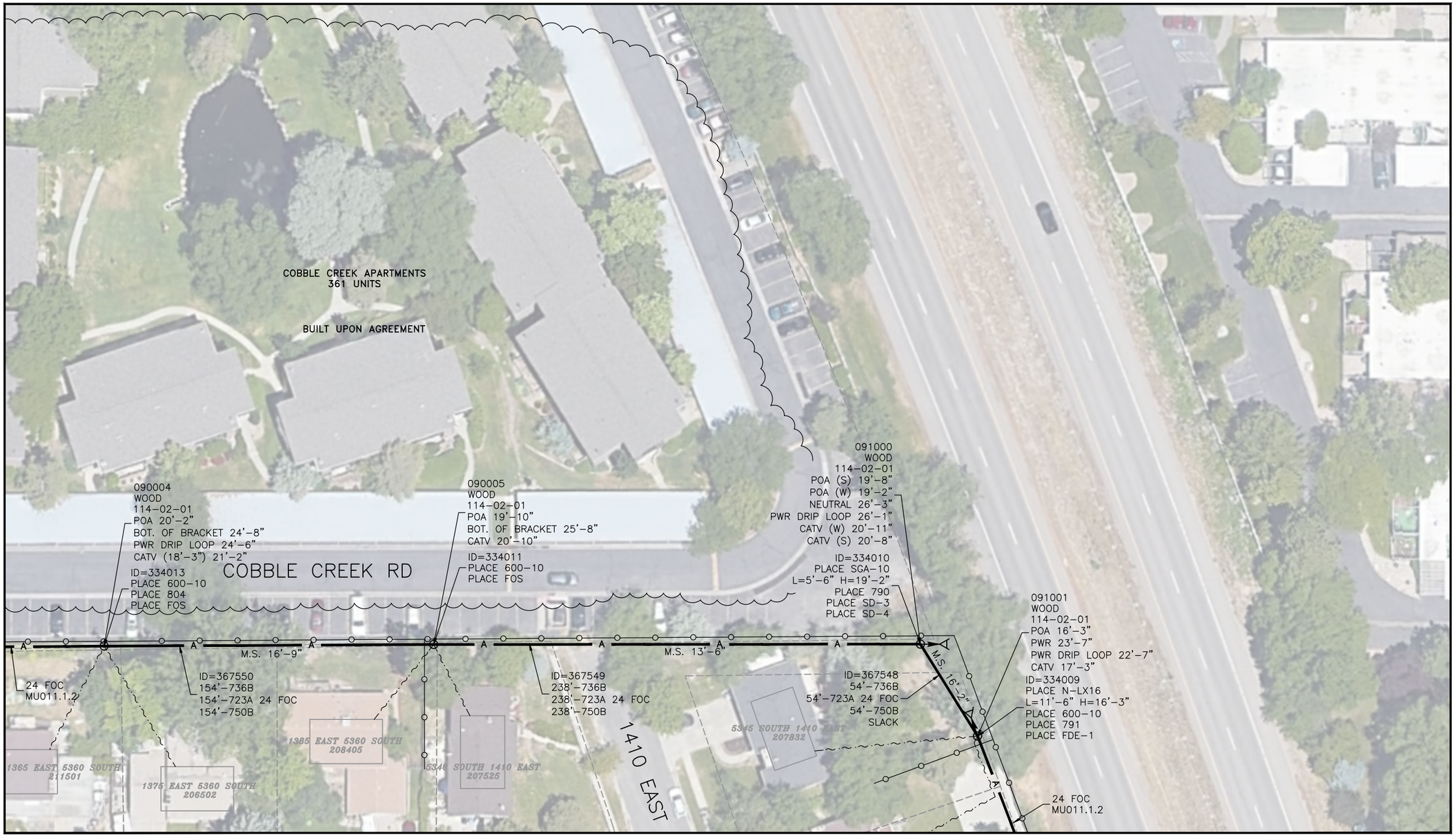
JOB NUMBER
REV 3
DRAWING NUMBER MU011-002

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE



NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT-OF-WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION
600-10	EA	3	AERIAL SPLICE CLOSURE & PREP (</= 72 CNT)
723A	FT	446-24 FOC	PLACE FIBER OPTIC CABLE AERIAL
736B	FT	446	EXTRA HIGH STRENGTH STEEL STRAND 1/4" (INT)
(1)750B	FT-EA CABLE	446	DOUBLE LASH FOC TO STRAND (INT)

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			
090004	804	FOS		
090005	FOS			
091000	790	SD-3	SD-4	SGA-10
091001	791	FDE-1	N-LX16	

KEY MAP

001		
002	003	
004	005	

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011-001 - UTAH

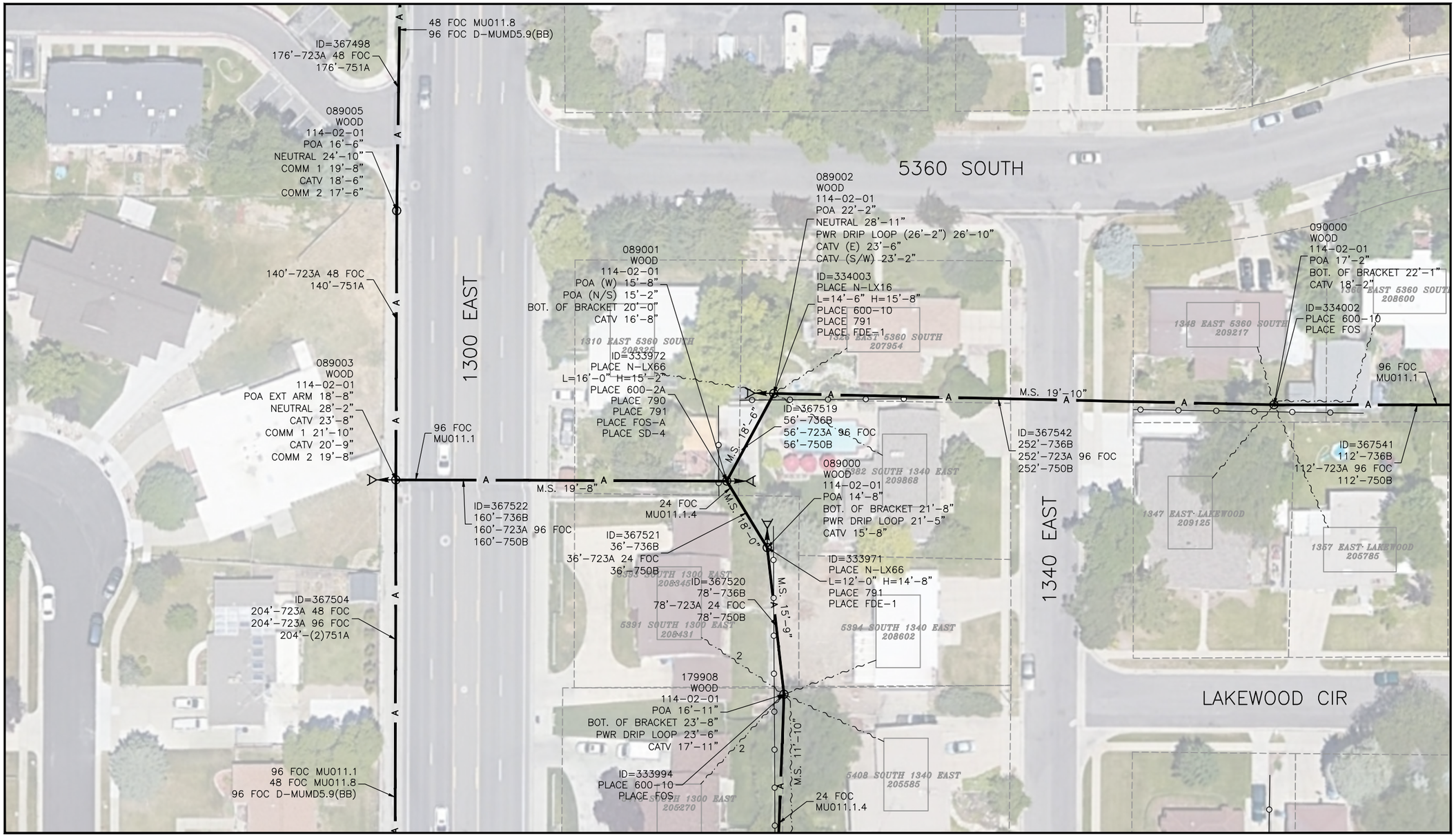
JOB NUMBER
REV 3
DRAWING NUMBER MU011-003

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE



NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT-OF-WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION
600-10	EA	3	AERIAL SPLICE CLOSURE & PREP (</= 72 CNT)
600-2A	EA	1	SPLICE CLOSURE & PREP (AERIAL) (STANDARD </= 144 CNT)
723A	FT	114-24 FOC	PLACE FIBER OPTIC CABLE AERIAL
723A	FT	520-48 FOC	PLACE FIBER OPTIC CABLE AERIAL
723A	FT	784-96 FOC	PLACE FIBER OPTIC CABLE AERIAL
736B	FT	694	EXTRA HIGH STRENGTH STEEL STRAND 1/4" (INT)
(1)750B	FT-EA CABLE	694	DOUBLE LASH FOC TO STRAND (INT)
(1)751A	FT	316	OVERLASH FIBER OPTIC CABLE (RDSIDE)
(2)751A	FT	408	OVERLASH FIBER OPTIC CABLE (RDSIDE)

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			
089000	791	FDE-1	N-LX66	
089001	790	791	FOS-A	N-LX66
	SD-4			
089002	791	FDE-1	N-LX16	
090000	FOS			
179908	FOS			

KEY MAP

	002	003
	004	005
	006	007

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011-001 - UTAH

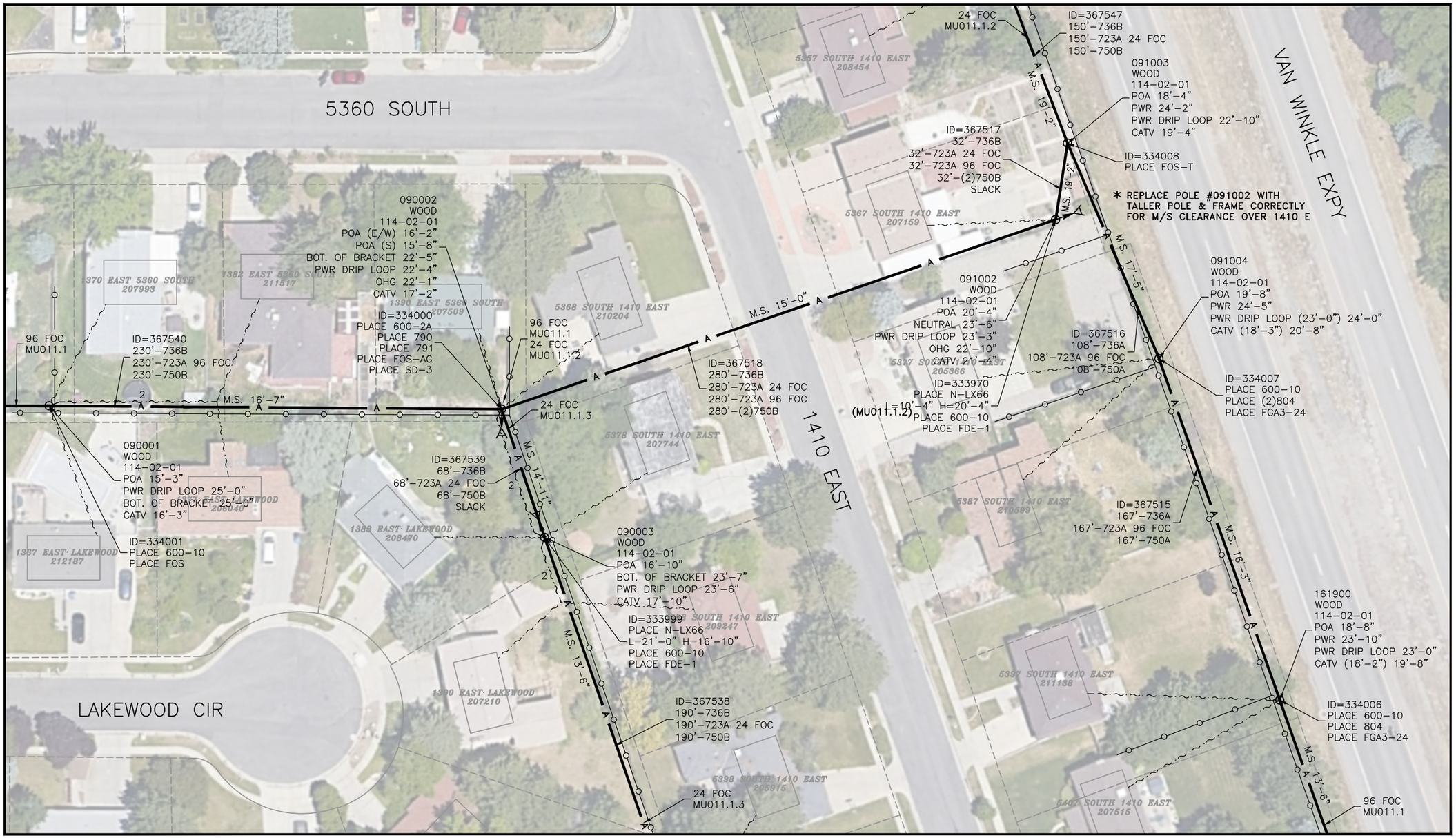
JOB NUMBER
REV 3
DRAWING NUMBER MU011-004

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE



NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT-OF-WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION
600-10	EA	5	AERIAL SPLICE CLOSURE & PREP (</= 72 CNT)
600-2A	EA	1	SPLICE CLOSURE & PREP (AERIAL) (STANDARD </= 144 CNT)
723A	FT	720-24 FOC	PLACE FIBER OPTIC CABLE AERIAL
723A	FT	817-96 FOC	PLACE FIBER OPTIC CABLE AERIAL
736A	FT	275	EXTRA HIGH STRENGTH STEEL STRAND 1/4" (RDSIDE)
736B	FT	950	EXTRA HIGH STRENGTH STEEL STRAND 1/4" (INT)
(1)750A	FT-EA CABLE	275	DOUBLE LASH FOC TO STRAND (RDSIDE)
(1)750B	FT-EA CABLE	638	DOUBLE LASH FOC TO STRAND (INT)
(2)750B	FT-EA CABLE	624	DOUBLE LASH FOC TO STRAND (INT)

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			
090001	FOS			
090002	790	791	FOS-AG	SD-3
090003	FDE-1	N-LX66		
091002	FDE-1	N-LX66		
091003	FOS-T			
091004	(2)804	FGA3-24		
161900	804	FGA3-24		

KEY MAP

002	003	
004	005	
006	007	008

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011-001 - UTAH

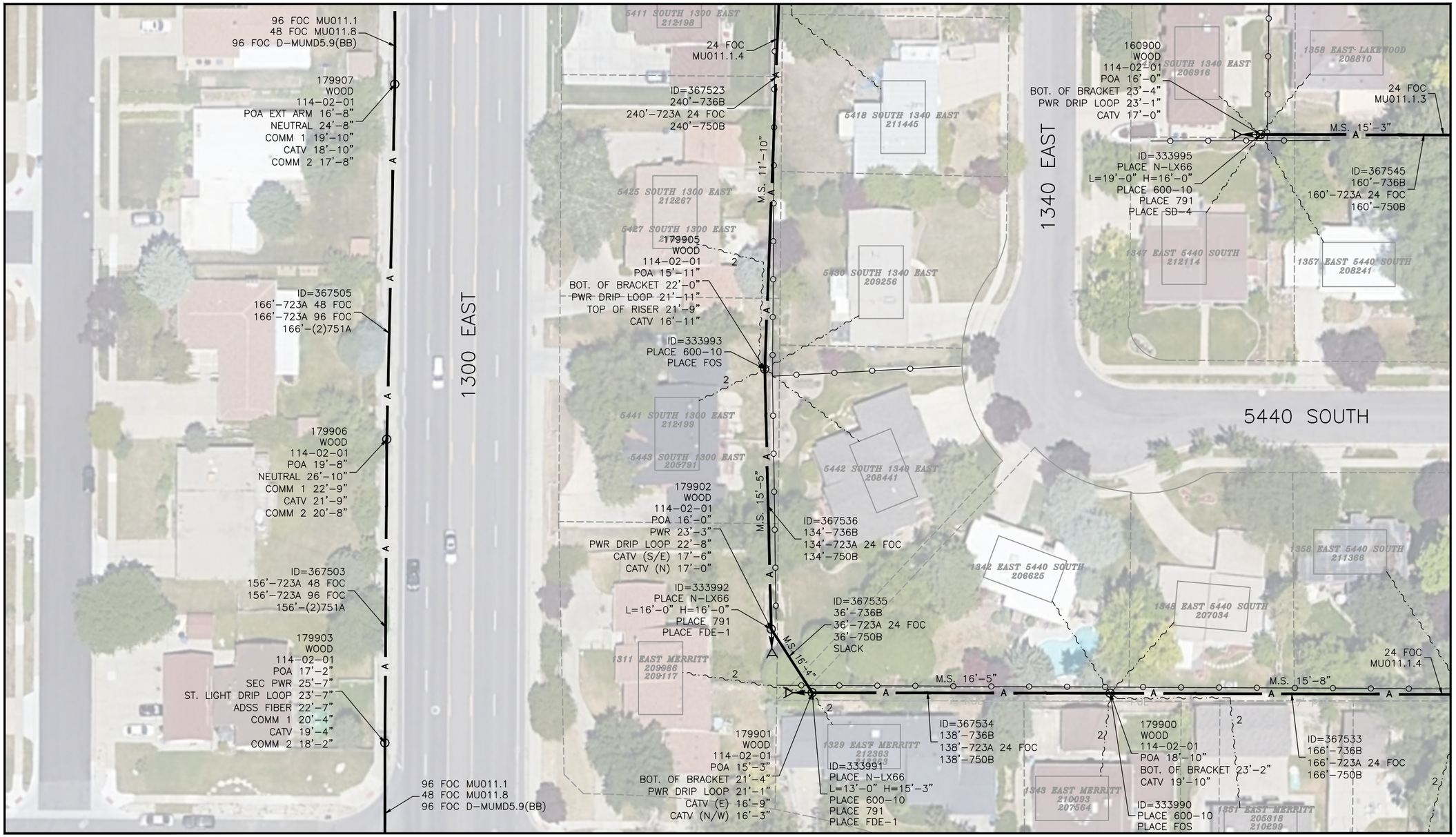
JOB NUMBER
REV 3
DRAWING NUMBER MU011-005

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE



NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT-OF-WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION
600-10	EA	4	AERIAL SPLICE CLOSURE & PREP (</= 72 CNT)
723A	FT	874-24 FOC	PLACE FIBER OPTIC CABLE AERIAL
723A	FT	322-48 FOC	PLACE FIBER OPTIC CABLE AERIAL
723A	FT	322-96 FOC	PLACE FIBER OPTIC CABLE AERIAL
736B	FT	874	EXTRA HIGH STRENGTH STEEL STRAND 1/4" (INT)
(1)750B	FT-EA CABLE	874	DOUBLE LASH FOC TO STRAND (INT)
(2)751A	FT	644	OVERLASH FIBER OPTIC CABLE (RDSIDE)

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			
160900	791	N-LX66	SD-4	
179900	FOS			
179901	791	FDE-1	N-LX66	
179902	791	FDE-1	N-LX66	
179905	FOS			

KEY MAP

	004	005
	006	007
009	010	011

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011-001 - UTAH

JOB NUMBER
REV 3
DRAWING NUMBER MU011-006

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE

NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP OVERHEAD POWER
- W WATER LINE
- SS SEWER LINE
- RAILROAD
- EOP EDGE OF PAVEMENT
- BOC BACK OF CURB
- R\W RIGHT-OF-WAY
- S\W SIDEWALK
- DROP WIRE
- BORE BORE
- A AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION
600-10	EA	7	AERIAL SPLICE CLOSURE & PREP (</= 72 CNT)
723A	FT	274-24 FOC	PLACE FIBER OPTIC CABLE AERIAL
723A	FT	898-96 FOC	PLACE FIBER OPTIC CABLE AERIAL
736A	FT	410	EXTRA HIGH STRENGTH STEEL STRAND 1/4" (RDSIDE)
736B	FT	762	EXTRA HIGH STRENGTH STEEL STRAND 1/4" (INT)
(1)750A	FT-EA CABLE	410	DOUBLE LASH FOC TO STRAND (RDSIDE)
(1)750B	FT-EA CABLE	762	DOUBLE LASH FOC TO STRAND (INT)

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE		
160901	FOS		
160902	FOS		
160903	791	FDE-1	N-LX66
160904	791	FDE-1	N-LX66
160905	791	N-LX66	SD-4
160906	791	N-LX66	SD-4
161901	804	FOS	
161904	FOS		
161905	FOS		

KEY MAP

004	005	
006	007	008
010	011	012

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011-001 - UTAH

JOB NUMBER
REV 3
DRAWING NUMBER MU011-007

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE

NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT-OF-WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION
321R	FT-EA CABLE	22-24 FOC	PL. IN CONDUIT/CASING RISER - (< OR = 96 FOC)
600-2A	EA	1	SPLICE CLOSURE & PREP (AERIAL) (STANDARD </= 144 CNT)
723A	FT	32-96 FOC	PLACE FIBER OPTIC CABLE AERIAL
736B	FT	32	EXTRA HIGH STRENGTH STEEL STRAND 1/4" (INT)
(1)750B	FT-EA CABLE	32	DOUBLE LASH FOC TO STRAND (INT)

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			
161902	720-2	791	800	804
	FDE-1	N-LX16		
161903	791	FDE-1	N-LX16	

KEY MAP

005		
007	008	
011	012	

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011-001 - UTAH

JOB NUMBER
REV 3
DRAWING NUMBER MU011-008

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE

NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT-OF-WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION
600-10	EA	1	AERIAL SPLICE CLOSURE & PREP (</= 72 CNT)
723A	FT	250-24 FOC	PLACE FIBER OPTIC CABLE AERIAL
736B	FT	250	EXTRA HIGH STRENGTH STEEL STRAND 1/4" (INT)
(1)750B	FT-EA CABLE	250	DOUBLE LASH FOC TO STRAND (INT)

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			
178802	791	N-LX20	SD-4	

KEY MAP

		006
	009	010
	013	014

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011-001 - UTAH

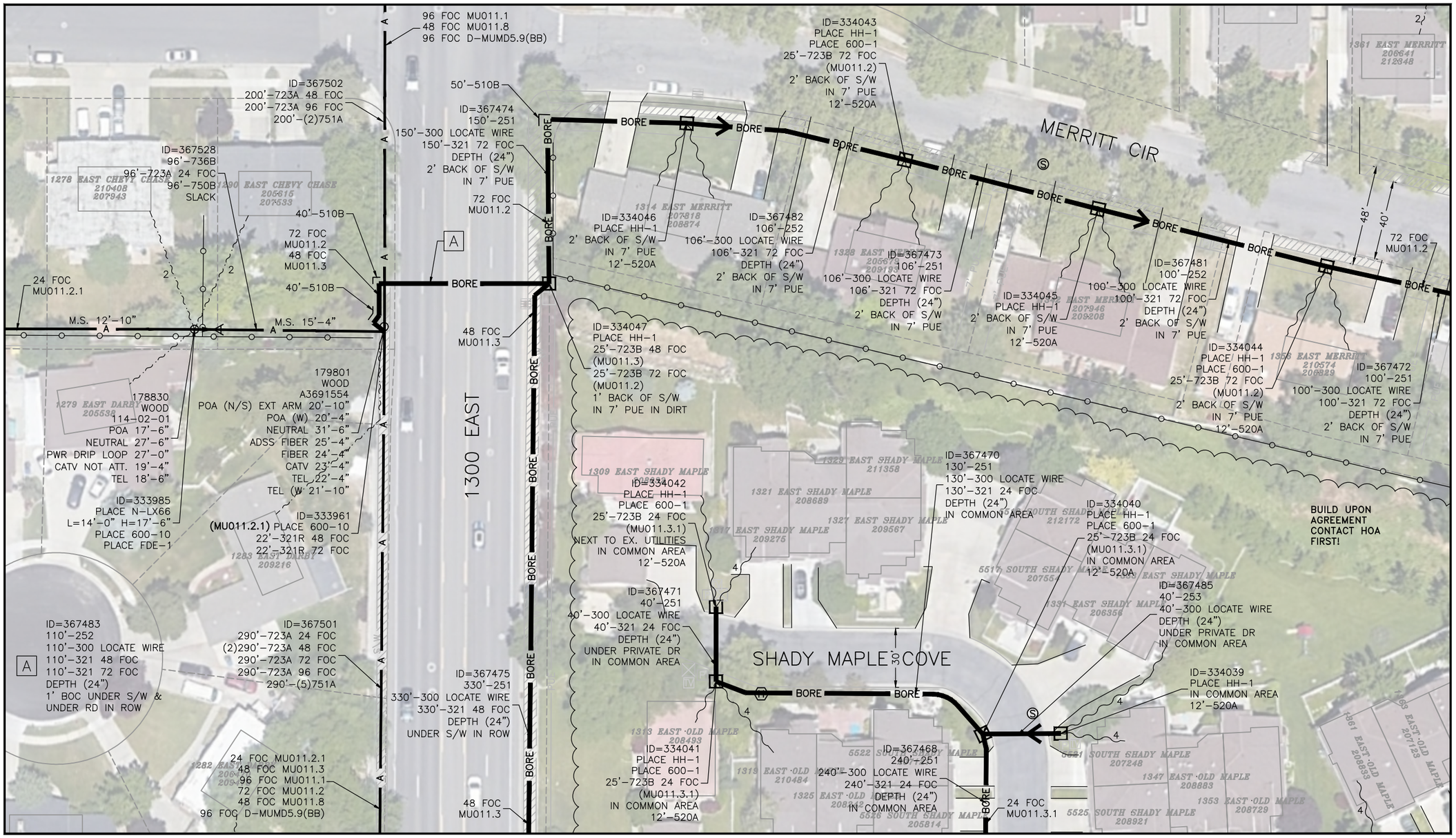
JOB NUMBER
REV 3
DRAWING NUMBER MU011-009

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE



NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP OVERHEAD POWER
- W WATER LINE
- SS SEWER LINE
- RAILROAD
- EOP EDGE OF PAVEMENT
- BOC BACK OF CURB
- R\W RIGHT-OF-WAY
- S\W SIDEWALK
- DROP WIRE
- BORE BORE
- A AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION
251	FT	1096	DIR. BORE 1-1 1/4" OR 2" HDPE (24" DEPTH)
252	FT	316	DIR. BORE 2-1 1/4" OR 2" HDPE (24" DEPTH)
253	FT	40	DIR. BORE 3-1 1/4" OR 2" HDPE (24" DEPTH)
300	FT	1452	PL. IN CONDUIT - 1 LOCATE WIRE
321	FT	410-24 FOC	PL. IN CONDUIT - (</= 96 FOC)
321	FT	440-48 FOC	PL. IN CONDUIT - (</= 96 FOC)
321	FT	672-72 FOC	PL. IN CONDUIT - (</= 96 FOC)
321R	FT-EA CABLE	22-48 FOC	PL. IN CONDUIT/CASING RISER - (< OR = 96 FOC)
321R	FT-EA CABLE	22-72 FOC	PL. IN CONDUIT/CASING RISER - (< OR = 96 FOC)
510B	SQFT	130	CONC R&R RD UP TO 4" DEPTH AT TRENCH/BORE PITS
520A	SQFT	96	SOD R&R - AT & AROUND HH ONLY
600-1	EA	5	SPL. CLOSURE & PREP (SM DROP CASE < 72 CNT)
600-10	EA	2	AERIAL SPLICE CLOSURE & PREP (</= 72 CNT)

ITEM	UNIT	QUANTITY	DESCRIPTION
723A	FT	96-24 FOC	PLACE FIBER OPTIC CABLE AERIAL
723A	FT	200-48 FOC	PLACE FIBER OPTIC CABLE AERIAL
723A	FT	200-96 FOC	PLACE FIBER OPTIC CABLE AERIAL
723B	FT-EA CABLE	75-24 FOC	FIBER OPTIC SLACK STORAGE CABLE IN HH FP OR AERIAL
723B	FT-EA CABLE	25-48 FOC	FIBER OPTIC SLACK STORAGE CABLE IN HH FP OR AERIAL
723B	FT-EA CABLE	75-72 FOC	FIBER OPTIC SLACK STORAGE CABLE IN HH FP OR AERIAL
736B	FT	96	EXTRA HIGH STRENGTH STEEL STRAND 1/4" (INT)
(1)750B	FT-EA CABLE	96	DOUBLE LASH FOC TO STRAND (INT)
(2)751A	FT	400	OVERLASH FIBER OPTIC CABLE (RDSIDE)
HH-1	EA	9	HANDHOLE (SMALL < 24")

POLE	HARDWARE			
178830	FDE-1	N-LX66		

KEY MAP

	006	007
009	010	011
013	014	015

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011-001 - UTAH

JOB NUMBER
REV 3
DRAWING NUMBER MU011-010

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE

NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT-OF-WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION
251	FT	50	DIR. BORE 1-1 1/4" OR 2" HDPE (24" DEPTH)
252	FT	108	DIR. BORE 2-1 1/4" OR 2" HDPE (24" DEPTH)
300	FT	158	PL. IN CONDUIT - 1 LOCATE WIRE
321	FT	60-72 FOC	PL. IN CONDUIT - (</= 96 FOC)
520A	SQFT	41	SOD R&R - AT & AROUND HH ONLY
600-1	EA	1	SPL. CLOSURE & PREP (SM DROP CASE < 72 CNT)
723B	FT-EA CABLE	25-72 FOC	FIBER OPTIC SLACK STORAGE CABLE IN HH OR FP
HH-1	EA	3	HANDHOLE (SMALL < 24")
HH-FP	EA	1	HANDHOLE (FLOWER POT - ONLY)

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			

FILE

KEY MAP

006	007	008
010	011	012
014	015	016

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

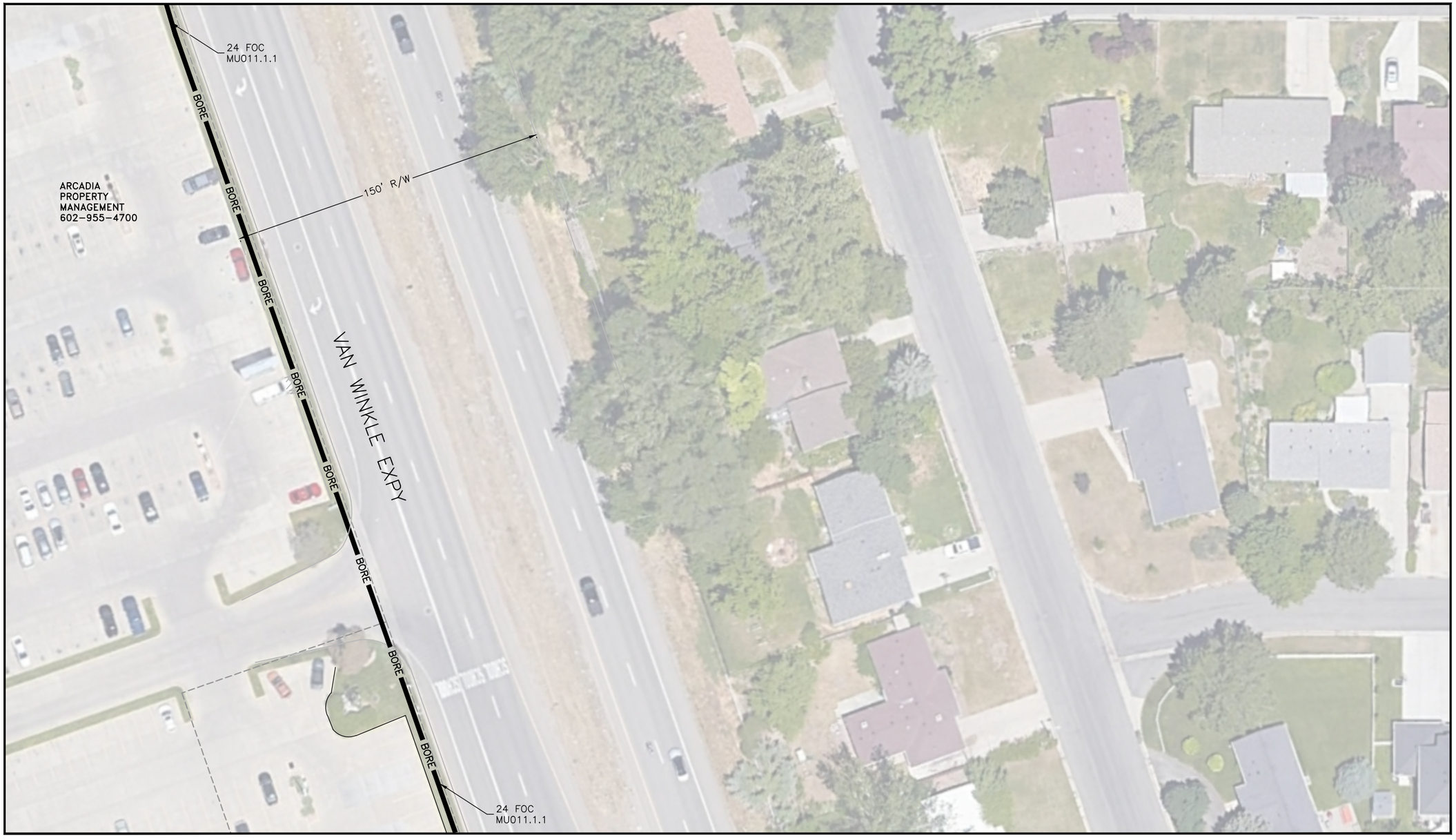
UTOPIA
2020 PROJECT
MU011-001 - UTAH

JOB NUMBER
REV 3
DRAWING NUMBER MU011-011

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.



NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT-OF-WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION	ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			

KEY MAP

007	008	
011	012	
015	016	

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011-001 – UTAH

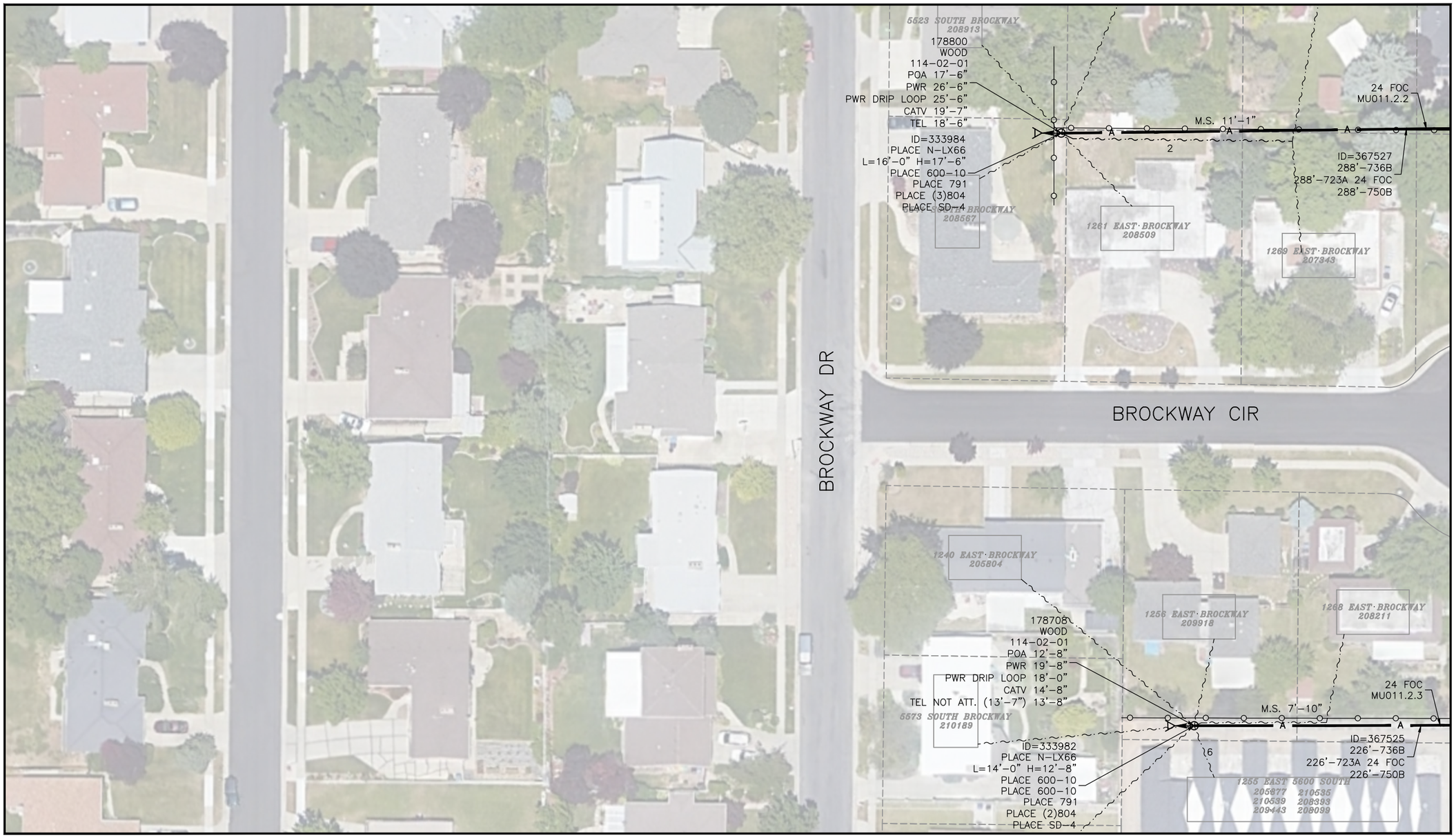
JOB NUMBER
REV 3
DRAWING NUMBER MU011-012

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE



NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT-OF-WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION
600-10	EA	3	AERIAL SPLICE CLOSURE & PREP (</= 72 CNT)
723A	FT	514-24 FOC	PLACE FIBER OPTIC CABLE AERIAL
736B	FT	514	EXTRA HIGH STRENGTH STEEL STRAND 1/4" (INT)
(1)750B	FT-EA CABLE	514	DOUBLE LASH FOC TO STRAND (INT)

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			
178708	(2)804	791	N-LX66	SD-4
178800	(3)804	791	N-LX66	SD-4

KEY MAP

	009	010
	013	014
	017	018

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011-001 - UTAH

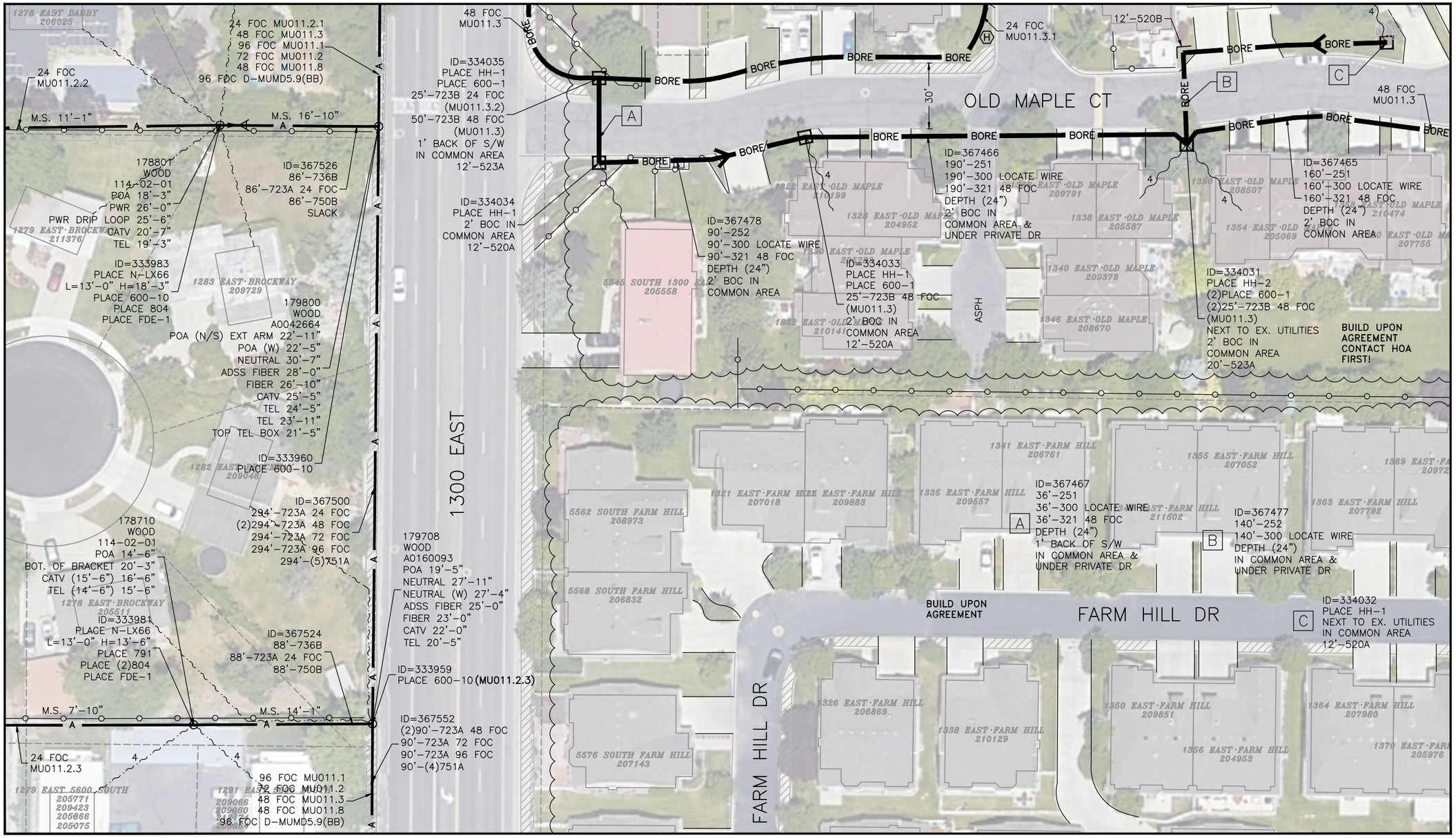
JOB NUMBER
REV 3
DRAWING NUMBER MU011-013

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE



NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT-OF-WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION
251	FT	386	DIR. BORE 1-1 1/4" OR 2" HDPE (24" DEPTH)
252	FT	230	DIR. BORE 2-1 1/4" OR 2" HDPE (24" DEPTH)
300	FT	616	PL. IN CONDUIT - 1 LOCATE WIRE
321	FT	476-48 FOC	PL. IN CONDUIT - (</= 96 FOC)
520A	SQFT	36	SOD R&R - AT & AROUND HH ONLY
520B	SQFT	12	SOD R&R - AT TRENCH/BORE PITS
523A	SQFT	32	DECORATIVE BARK R&R - AT & AROUND HH ONLY
600-1	EA	4	SPL. CLOSURE & PREP (SM DROP CASE < 72 CNT)
600-10	EA	3	AERIAL SPLICE CLOSURE & PREP (</= 72 CNT)
723A	FT	468-24 FOC	PLACE FIBER OPTIC CABLE AERIAL
723A	FT	768-48 FOC	PLACE FIBER OPTIC CABLE AERIAL
723A	FT	384-72 FOC	PLACE FIBER OPTIC CABLE AERIAL
723A	FT	384-96 FOC	PLACE FIBER OPTIC CABLE AERIAL

ITEM	UNIT	QUANTITY	DESCRIPTION
723B	FT-EA CABLE	25-24 FOC	FIBER OPTIC SLACK STORAGE CABLE IN HH FP OR AERIAL
723B	FT-EA CABLE	125-48 FOC	FIBER OPTIC SLACK STORAGE CABLE IN HH FP OR AERIAL
736B	FT	174	EXTRA HIGH STRENGTH STEEL STRAND 1/4" (INT)
(1)750B	FT-EA CABLE	174	DOUBLE LASH FOC TO STRAND (INT)
(4)751A	FT	360	OVERLASH FIBER OPTIC CABLE (RDSIDE)
(5)751A	FT	1470	OVERLASH FIBER OPTIC CABLE (RDSIDE)
HH-1	EA	4	HANDHOLE (SMALL < 24")
HH-2	EA	1	HANDHOLE (MEDIUM < 36")

POLE	HARDWARE			
178710	(2)804	791	FDE-1	N-LX66
178801	804	FDE-1	N-LX66	

KEY MAP

009	010	011
013	014	015
017	018	019

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011-001 - UTAH

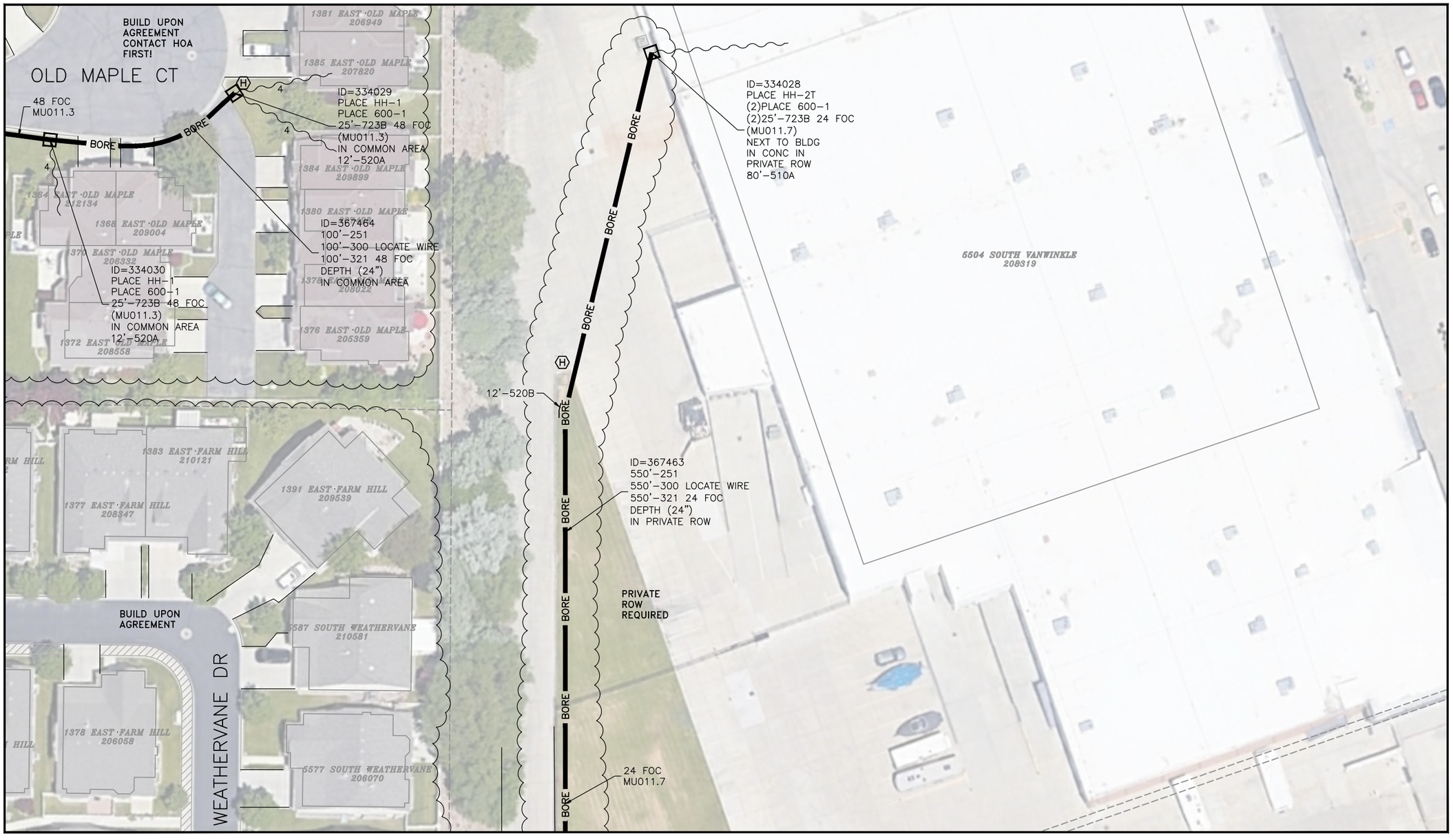
JOB NUMBER
REV 3
DRAWING NUMBER MU011-014

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE



NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT-OF-WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION
251	FT	650	DIR. BORE 1-1 1/4" OR 2" HDPE (24" DEPTH)
300	FT	650	PL. IN CONDUIT - 1 LOCATE WIRE
321	FT	550-24 FOC	PL. IN CONDUIT - (</= 96 FOC)
321	FT	100-48 FOC	PL. IN CONDUIT - (</= 96 FOC)
510A	SQFT	80	CONC R&R UP TO 4" DEPTH AT & AROUND HH ONLY
520A	SQFT	24	SOD R&R - AT & AROUND HH ONLY
520B	SQFT	12	SOD R&R - AT TRENCH/BORE PITS
600-1	EA	4	SPL. CLOSURE & PREP (SM DROP CASE < 72 CNT)
723B	FT-EA CABLE	50-24 FOC	FIBER OPTIC SLACK STORAGE CABLE IN HH OR FP
723B	FT-EA CABLE	50-48 FOC	FIBER OPTIC SLACK STORAGE CABLE IN HH OR FP
HH-1	EA	2	HANDHOLE (SMALL < 24")
HH-2T	EA	1	HANDHOLE (MEDIUM < 36") TRAFFIC RATED

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE

KEY MAP

010	011	012
014	015	016
018	019	020

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011-001 - UTAH

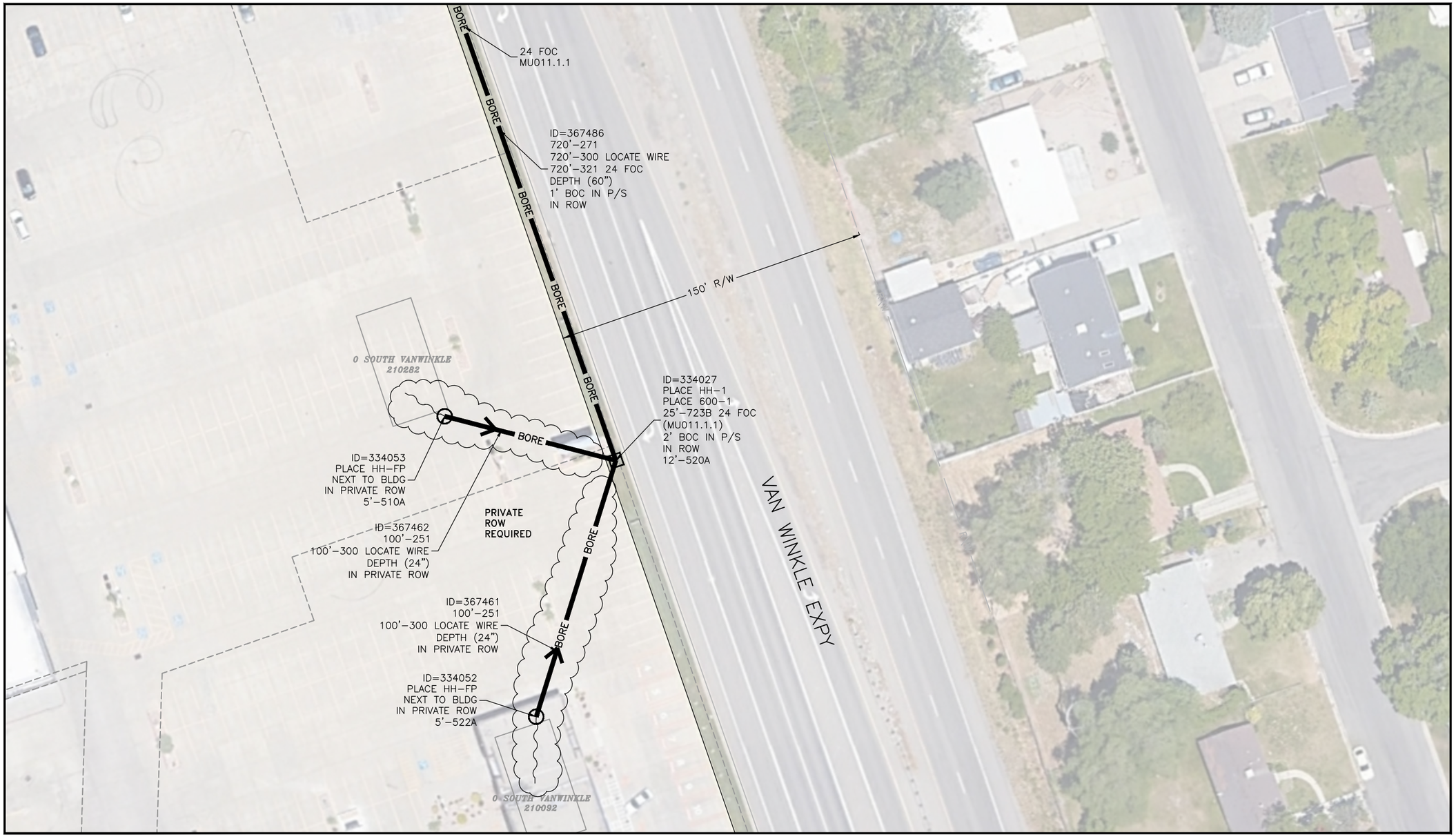
JOB NUMBER
REV 3
DRAWING NUMBER MU011-015

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE



NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT–OF–WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662–4111

ITEM	UNIT	QUANTITY	DESCRIPTION
251	FT	200	DIR. BORE 1–1 1/4" OR 2" HDPE (24" DEPTH)
271	FT	720	DIR. BORE 1–1 1/4" OR 2" HDPE (60" DEPTH)
300	FT	920	PL. IN CONDUIT – 1 LOCATE WIRE
321	FT	720–24 FOC	PL. IN CONDUIT – (</= 96 FOC)
510A	SQFT	5	CONC R&R UP TO 4" DEPTH AT & AROUND HH ONLY
520A	SQFT	12	SOD R&R – AT & AROUND HH ONLY
522A	SQFT	5	DECORATIVE ROCK R&R – AT & AROUND HH ONLY
600–1	EA	1	SPL. CLOSURE & PREP (SM DROP CASE < 72 CNT)
723B	FT–EA CABLE	25–24 FOC	FIBER OPTIC SLACK STORAGE CABLE IN HH OR FP
HH–1	EA	1	HANDHOLE (SMALL < 24")
HH–FP	EA	2	HANDHOLE (FLOWER POT – ONLY)

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			

KEY MAP

011	012	
015	016	
019	020	

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011–001 – UTAH

JOB NUMBER
REV 3
DRAWING NUMBER MU011–016

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID–STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE

NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT–OF–WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662–4111

ITEM	UNIT	QUANTITY	DESCRIPTION	ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			

KEY MAP

	013	014
	017	018

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011–001 – UTAH

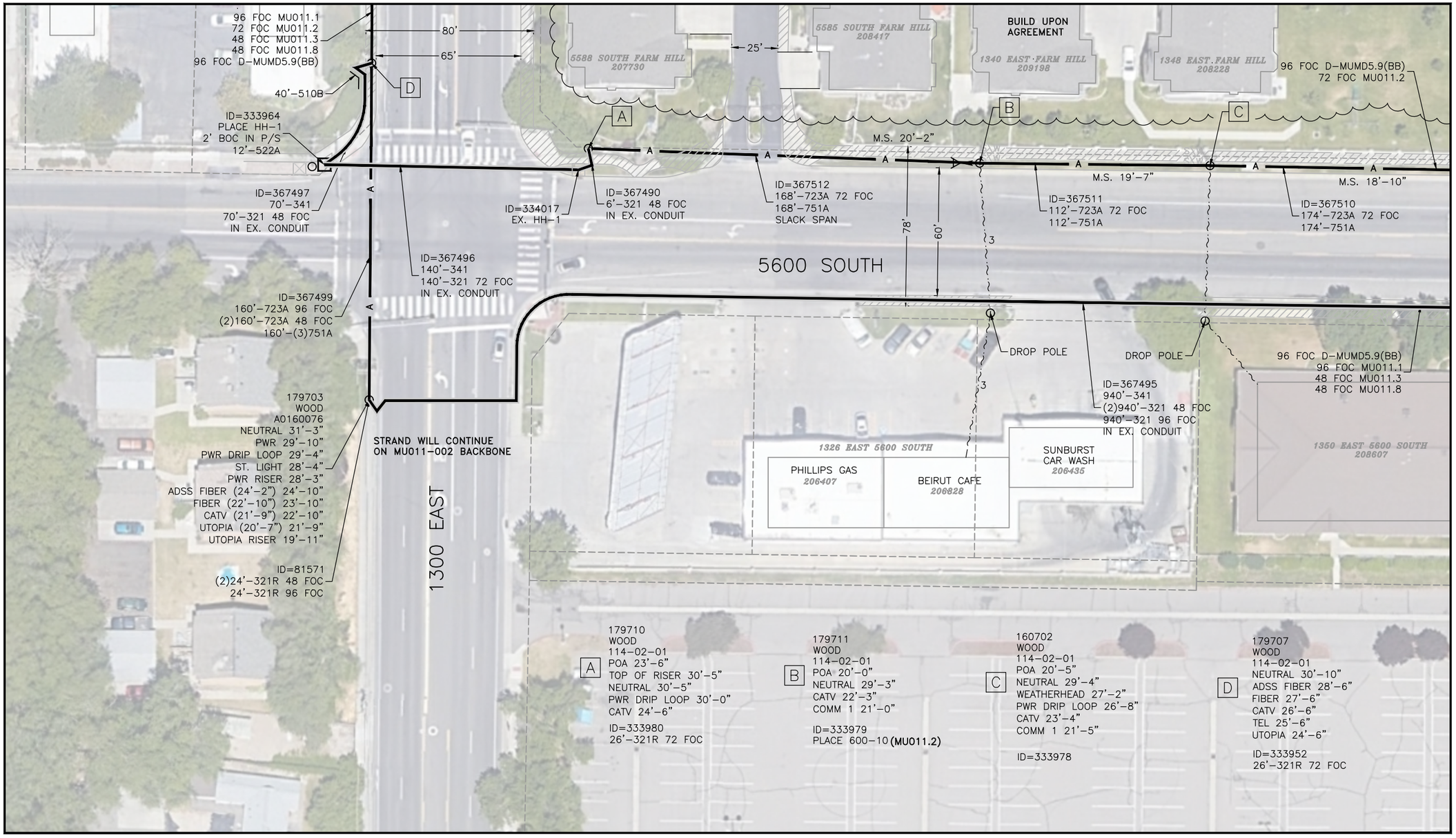
JOB NUMBER
REV 3
DRAWING NUMBER MU011–017

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID–STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE



NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT-OF-WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION
321	FT	1956-48 FOC	PL. IN CONDUIT - (</= 96 FOC)
321	FT	140-72 FOC	PL. IN CONDUIT - (</= 96 FOC)
321	FT	940-96 FOC	PL. IN CONDUIT - (</= 96 FOC)
321R	FT-EA CABLE	48-48 FOC	PL. IN CONDUIT/CASING RISER - (< OR = 96 FOC)
321R	FT-EA CABLE	52-72 FOC	PL. IN CONDUIT/CASING RISER - (< OR = 96 FOC)
321R	FT-EA CABLE	24-96 FOC	PL. IN CONDUIT/CASING RISER - (< OR = 96 FOC)
341	FT	1150	MACHINE ROD MANDREL & INSTALL MULE TAPE - EXISTING CONDUIT
510B	SQFT	40	CONC R&R RD UP TO 4" DEPTH AT TRENCH/BORE PITS
522A	SQFT	12	DECORATIVE ROCK R&R - AT & AROUND HH ONLY
600-10	EA	1	AERIAL SPLICE CLOSURE & PREP (</= 72 CNT)
723A	FT	320-48 FOC	PLACE FIBER OPTIC CABLE AERIAL
723A	FT	454-72 FOC	PLACE FIBER OPTIC CABLE AERIAL
723A	FT	160-96 FOC	PLACE FIBER OPTIC CABLE AERIAL

ITEM	UNIT	QUANTITY	DESCRIPTION
(1)751A	FT	454	OVERLASH FIBER OPTIC CABLE (RDSIDE)
(3)751A	FT	480	OVERLASH FIBER OPTIC CABLE (RDSIDE)
HH-1	EA	1	HANDHOLE (SMALL < 24")

POLE	HARDWARE			

KEY MAP

013	014	015
017	018	019
		021

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011-001 - UTAH

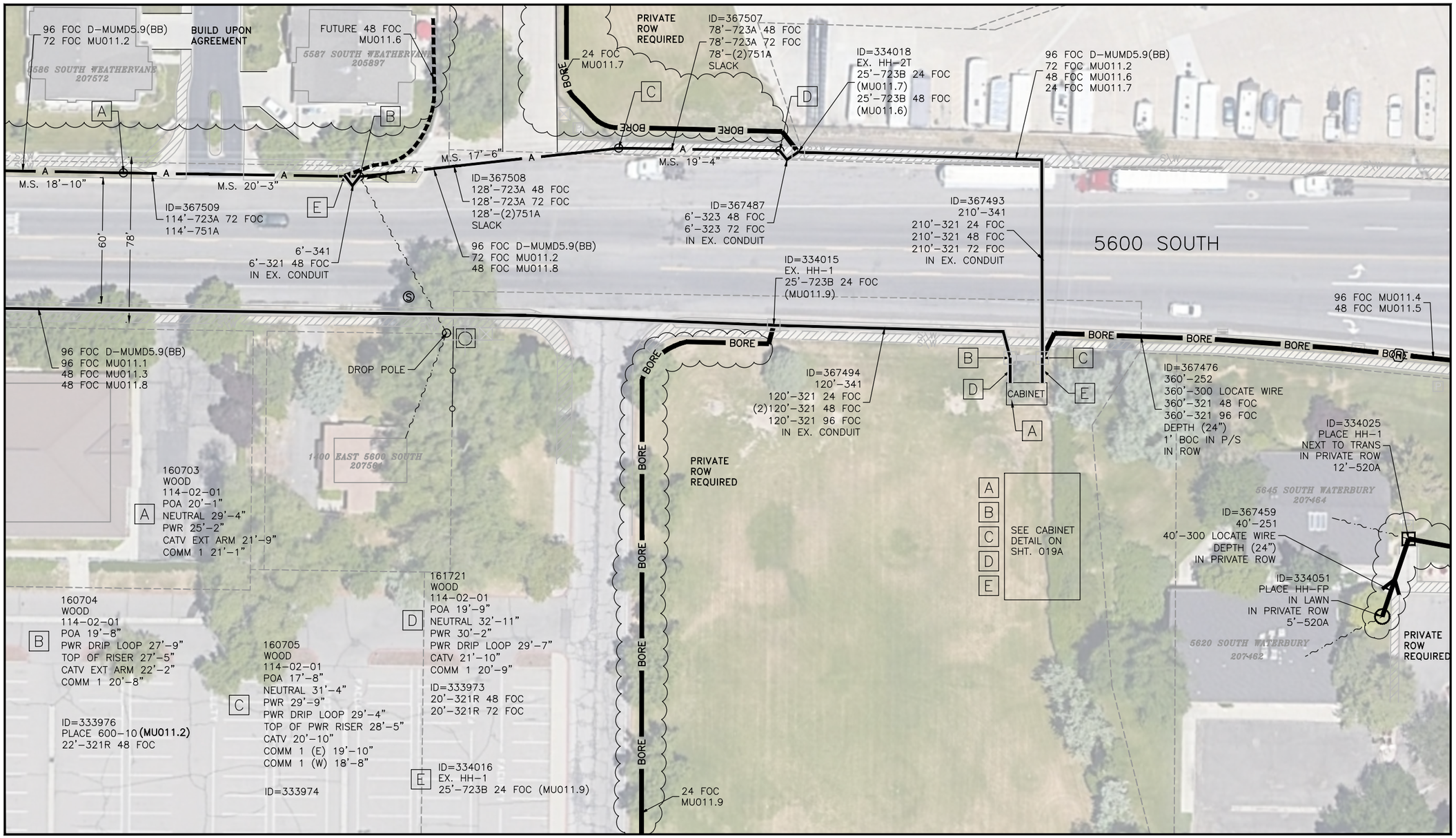
JOB NUMBER
REV 3
DRAWING NUMBER MU011-018

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE



NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP OVERHEAD POWER
- W WATER LINE
- SS SEWER LINE
- RAILROAD
- EOP EDGE OF PAVEMENT
- BOC BACK OF CURB
- R\W RIGHT-OF-WAY
- S\W SIDEWALK
- DROP WIRE
- BORE BORE
- A AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION
251	FT	40	DIR. BORE 1-1 1/4" OR 2" HDPE (24" DEPTH)
252	FT	360	DIR. BORE 2-1 1/4" OR 2" HDPE (24" DEPTH)
300	FT	400	PL. IN CONDUIT - 1 LOCATE WIRE
321	FT	342-24 FOC	PL. IN CONDUIT - (<= 96 FOC)
321	FT	834-48 FOC	PL. IN CONDUIT - (<= 96 FOC)
321	FT	210-72 FOC	PL. IN CONDUIT - (<= 96 FOC)
321	FT	480-96 FOC	PL. IN CONDUIT - (<= 96 FOC)
321R	FT-EA CABLE	42-48 FOC	PL. IN CONDUIT/CASING RISER - (< OR = 96 FOC)
321R	FT-EA CABLE	20-72 FOC	PL. IN CONDUIT/CASING RISER - (< OR = 96 FOC)
323	FT	6-48 FOC	PL. IN OCCUPIED CONDUIT - (<= 96 FOC)
323	FT	12-72 FOC	PL. IN OCCUPIED CONDUIT - (<= 96 FOC)
323	FT	12-96 FOC	PL. IN OCCUPIED CONDUIT - (<= 96 FOC)
341	FT	336	MACHINE ROD MANDREL & INSTALL MULE TAPE - EXISTING CONDUIT

ITEM	UNIT	QUANTITY	DESCRIPTION
520A	SQFT	17	SOD R&R - AT & AROUND HH ONLY
600-10	EA	1	AERIAL SPLICE CLOSURE & PREP (<= 72 CNT)
723A	FT	206-48 FOC	PLACE FIBER OPTIC CABLE AERIAL
723A	FT	320-72 FOC	PLACE FIBER OPTIC CABLE AERIAL
723B	FT-EA CABLE	250-24 FOC	FIBER OPTIC SLACK STORAGE CABLE IN HH FP OR AERIAL
723B	FT-EA CABLE	225-48 FOC	FIBER OPTIC SLACK STORAGE CABLE IN HH FP OR AERIAL
723B	FT-EA CABLE	75-72 FOC	FIBER OPTIC SLACK STORAGE CABLE IN HH FP OR AERIAL
723B	FT-EA CABLE	150-96 FOC	FIBER OPTIC SLACK STORAGE CABLE IN HH FP OR AERIAL
(1)751A	FT	114	OVERLASH FIBER OPTIC CABLE (RDSIDE)
(2)751A	FT	412	OVERLASH FIBER OPTIC CABLE (RDSIDE)
HH-1	EA	1	HANDHOLE (SMALL < 24")
HH-FP	EA	1	HANDHOLE (FLOWER POT - ONLY)

POLE	HARDWARE			

FILE

KEY MAP

014	015	016
018	019	020
	021	022

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

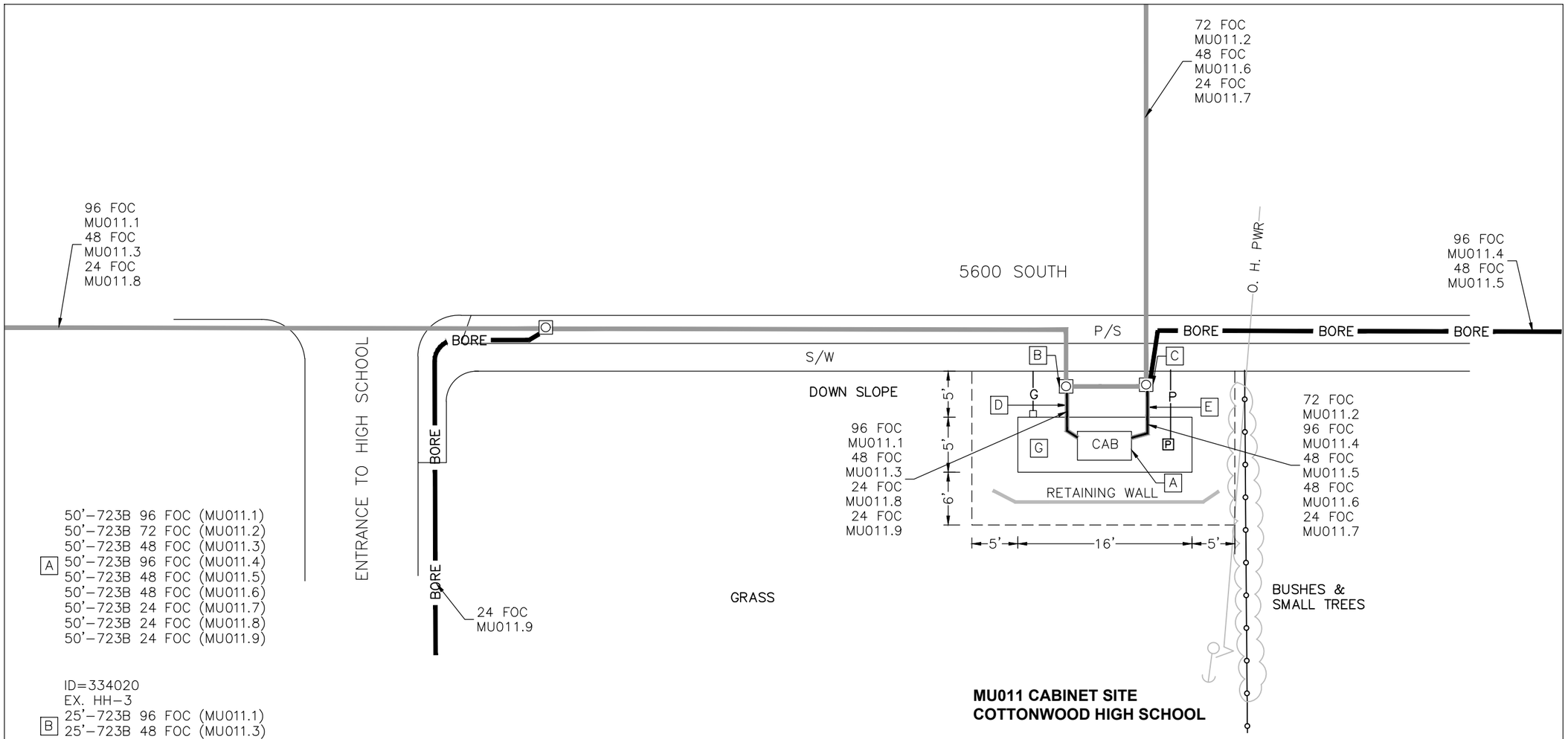
UTOPIA
2020 PROJECT
MU011-001 - UTAH

JOB NUMBER
REV 3
DRAWING NUMBER MU011-019

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.



A
50'-723B 96 FOC (MU011.1)
50'-723B 72 FOC (MU011.2)
50'-723B 48 FOC (MU011.3)
50'-723B 96 FOC (MU011.4)
50'-723B 48 FOC (MU011.5)
50'-723B 48 FOC (MU011.6)
50'-723B 24 FOC (MU011.7)
50'-723B 24 FOC (MU011.8)
50'-723B 24 FOC (MU011.9)

B
ID=334020
EX. HH-3
25'-723B 96 FOC (MU011.1)
25'-723B 48 FOC (MU011.3)
25'-723B 24 FOC (MU011.8)

C
ID=334019
EX. HH-3
25'-723B 72 FOC (MU011.2)
25'-723B 96 FOC (MU011.4)
25'-723B 48 FOC (MU011.5)

D
ID=367489
6'-323 24 FOC
6'-323 48 FOC
6'-323 96 FOC
IN EX. CONDUIT

E
ID=367488
6'-321 24 FOC
(2)6'-321 48 FOC
6'-323 72 FOC
6'-323 96 FOC
IN EX. CONDUIT

NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP OVERHEAD POWER
- W WATER LINE
- SS SEWER LINE
- RAILROAD
- EOP EDGE OF PAVEMENT
- BOC BACK OF CURB
- R\W RIGHT-OF-WAY
- S\W SIDEWALK
- DROP WIRE
- BORE BORE
- A AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

UTOPIA

UTOPIA
2020 PROJECT
MU011-001- UTAH

JOB NUMBER
REV 3
DRAWING NUMBER
MU011-019A

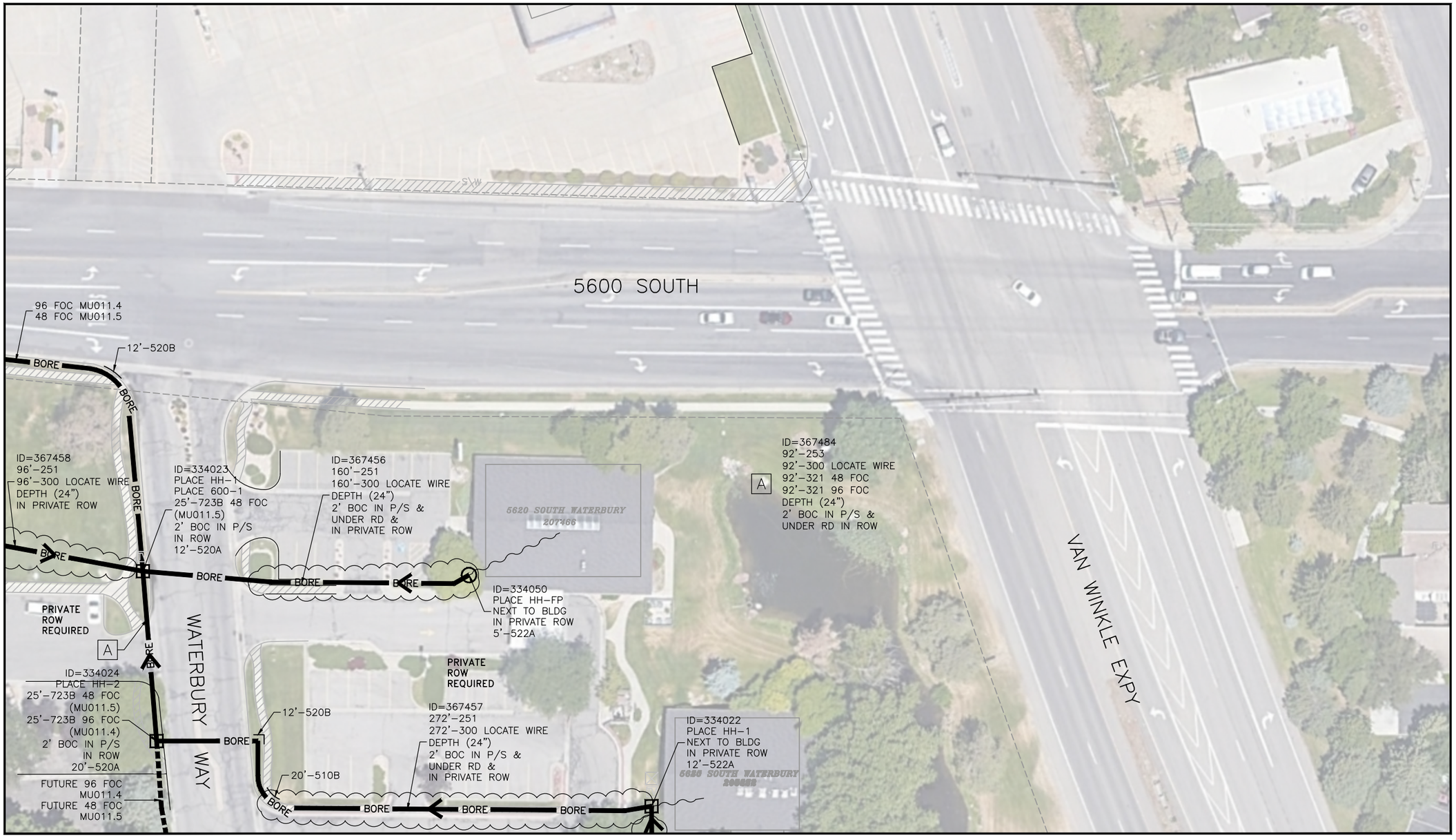
REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	ISSUED FOR REVIEW	12/2020	MSC	MSC	MSC	

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

DSGN	MSC
DRN	MSC
CKD	MSC
SCALE:	NTS

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE



NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP OVERHEAD POWER
- W WATER LINE
- SS SEWER LINE
- RAILROAD
- EOP EDGE OF PAVEMENT
- BOC BACK OF CURB
- R\W RIGHT-OF-WAY
- S\W SIDEWALK
- DROP WIRE
- BORE BORE
- A AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION	ITEM	UNIT	QUANTITY	DESCRIPTION
251	FT	528	DIR. BORE 1-1 1/4" OR 2" HDPE (24" DEPTH)	HH-2	EA	1	HANDHOLE (MEDIUM < 36")
253	FT	92	DIR. BORE 3-1 1/4" OR 2" HDPE (24" DEPTH)	HH-FP	EA	1	HANDHOLE (FLOWER POT - ONLY)
300	FT	620	PL. IN CONDUIT - 1 LOCATE WIRE				
321	FT	92-48 FOC	PL. IN CONDUIT - (</= 96 FOC)				
321	FT	92-96 FOC	PL. IN CONDUIT - (</= 96 FOC)				
510B	SQFT	20	CONC R&R RD UP TO 4" DEPTH AT TRENCH/BORE PITS				
520A	SQFT	32	SOD R&R - AT & AROUND HH ONLY				
520B	SQFT	24	SOD R&R - AT TRENCH/BORE PITS				
522A	SQFT	17	DECORATIVE ROCK R&R - AT & AROUND HH ONLY				
600-1	EA	1	SPL. CLOSURE & PREP (SM DROP CASE < 72 CNT)				
723B	FT-EA CABLE	50-48 FOC	FIBER OPTIC SLACK STORAGE CABLE IN HH OR FP				
723B	FT-EA CABLE	25-96 FOC	FIBER OPTIC SLACK STORAGE CABLE IN HH OR FP				
HH-1	EA	2	HANDHOLE (SMALL < 24")				

POLE	HARDWARE			

KEY MAP

015	016	
019	020	
021	022	

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011-001 - UTAH

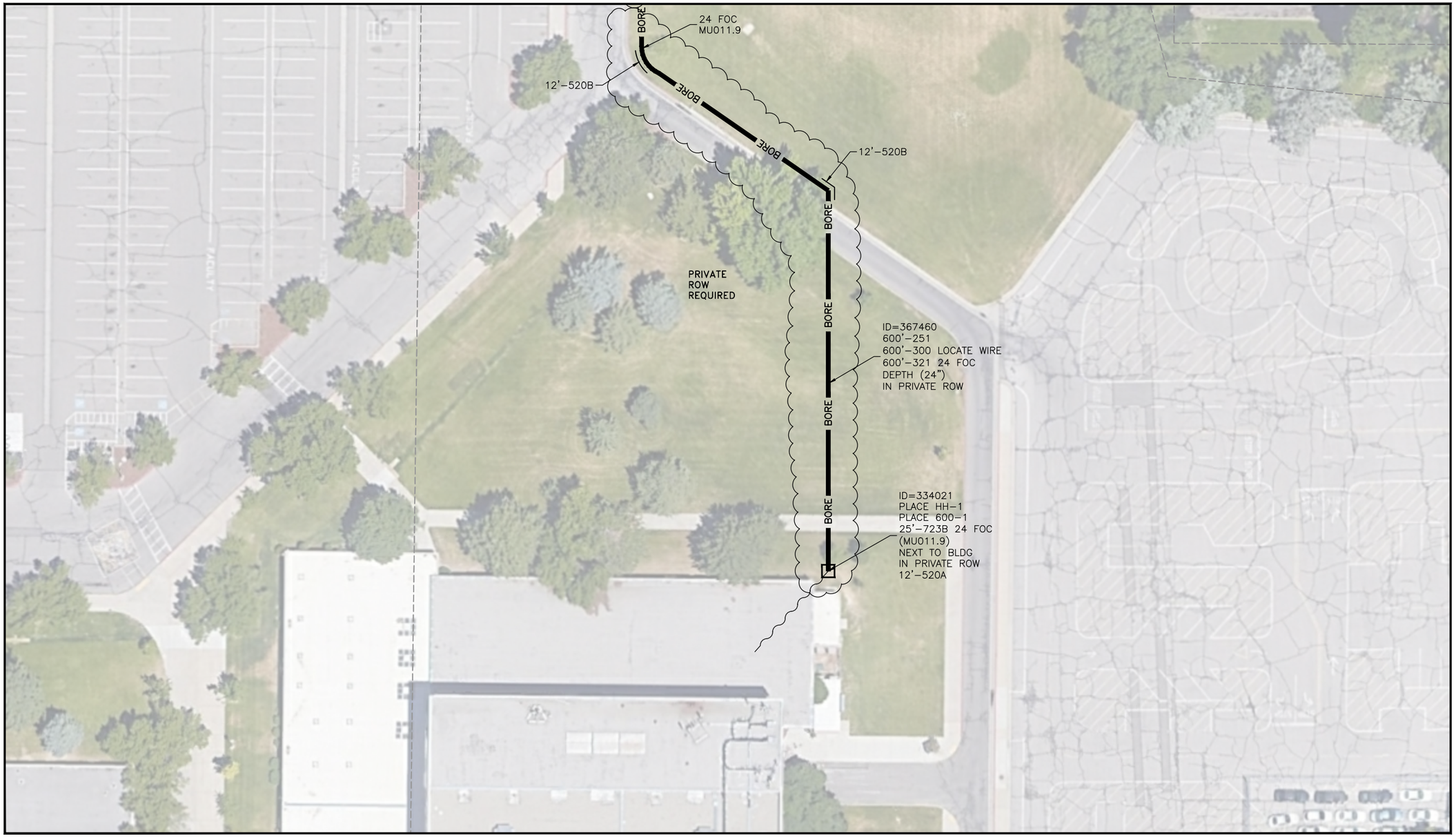
JOB NUMBER
REV 3
DRAWING NUMBER MU011-020

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE



NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP OVERHEAD POWER
- W WATER LINE
- SS SEWER LINE
- RAILROAD
- EOP EDGE OF PAVEMENT
- BOC BACK OF CURB
- R\W RIGHT–OF–WAY
- S\W SIDEWALK
- DROP WIRE
- BORE BORE
- A AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662–4111

ITEM	UNIT	QUANTITY	DESCRIPTION
251	FT	600	DIR. BORE 1–1 1/4" OR 2" HDPE (24" DEPTH)
300	FT	600	PL. IN CONDUIT – 1 LOCATE WIRE
321	FT	600–24 FOC	PL. IN CONDUIT – (</= 96 FOC)
520A	SQFT	12	SOD R&R – AT & AROUND HH ONLY
520B	SQFT	24	SOD R&R – AT TRENCH/BORE PITS
600–1	EA	1	SPL. CLOSURE & PREP (SM DROP CASE < 72 CNT)
723B	FT–EA CABLE	25–24 FOC	FIBER OPTIC SLACK STORAGE CABLE IN HH OR FP
HH–1	EA	1	HANDHOLE (SMALL < 24")

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE

KEY MAP

018	019	020
	021	022
	023	024

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011–001 – UTAH

JOB NUMBER
REV 3
DRAWING NUMBER MU011–021

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID–STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE

NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT-OF-WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION
251	FT	68	DIR. BORE 1-1 1/4" OR 2" HDPE (24" DEPTH)
300	FT	68	PL. IN CONDUIT - 1 LOCATE WIRE
522A	SQFT	5	DECORATIVE ROCK R&R - AT & AROUND HH ONLY
HH-FP	EA	1	HANDHOLE (FLOWER POT - ONLY)

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			

KEY MAP

019	020	
021	022	
023	024	025

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011-001 - UTAH

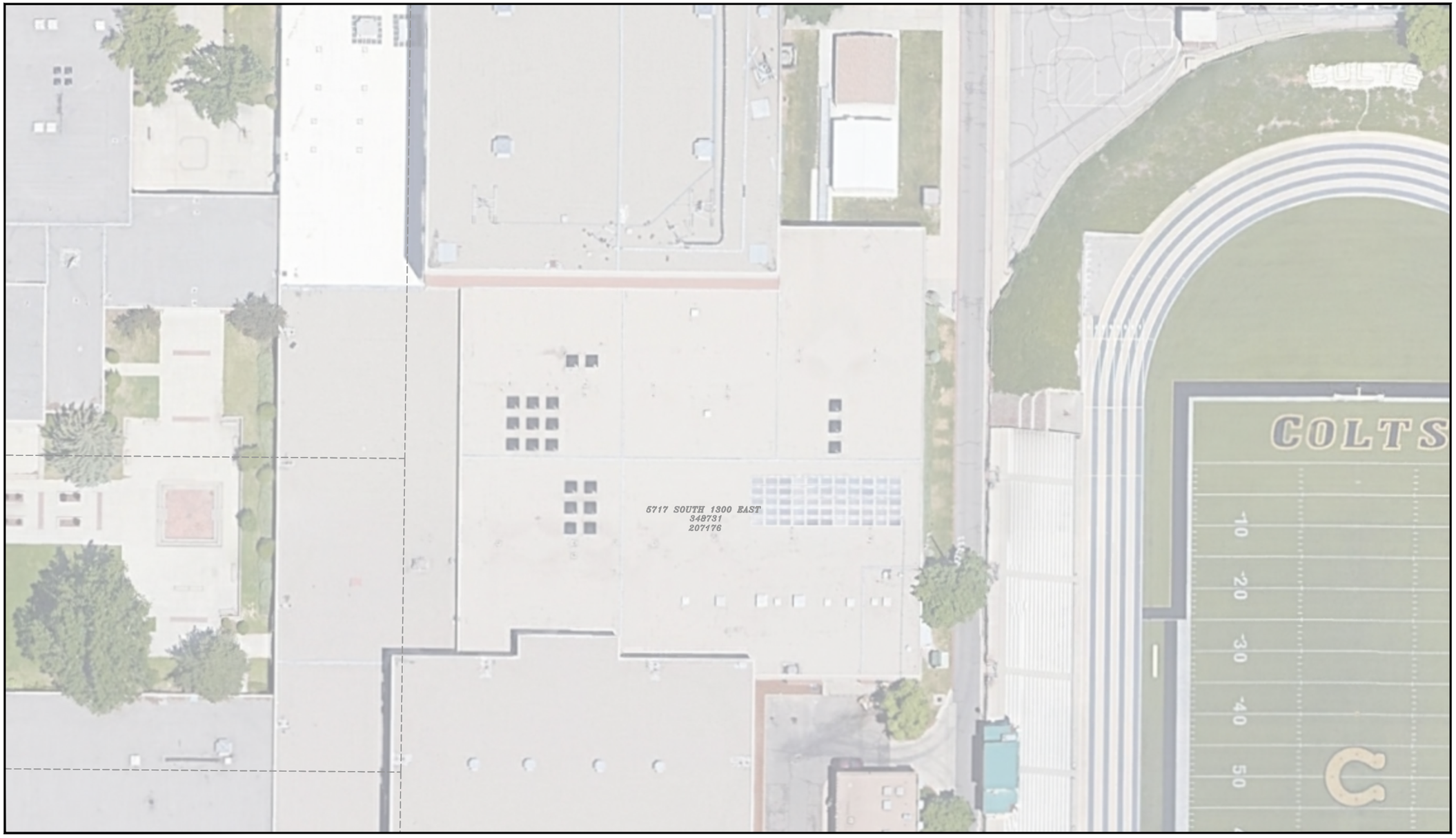
JOB NUMBER
REV 3
DRAWING NUMBER MU011-022

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE



NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT–OF–WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662–4111

ITEM	UNIT	QUANTITY	DESCRIPTION

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE		

KEY MAP

	021	022
	023	024
		026

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011–001 – UTAH

JOB NUMBER
REV 3
DRAWING NUMBER MU011–023

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID–STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE

NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT–OF–WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662–4111

ITEM	UNIT	QUANTITY	DESCRIPTION

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			

KEY MAP

021	022	
023	024	025
	026	027

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011–001 – UTAH

JOB NUMBER
REV 3
DRAWING NUMBER MU011–024

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID–STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE

N

NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT–OF–WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662–4111

ITEM	UNIT	QUANTITY	DESCRIPTION	ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			

KEY MAP

022		
024	025	
026	027	

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011–001 – UTAH

JOB NUMBER
REV 3
DRAWING NUMBER MU011–025

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID–STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE

NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT-OF-WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE		

KEY MAP

023	024	025
	026	027
	028	029

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011-001 – UTAH

JOB NUMBER
REV 3
DRAWING NUMBER MU011-026

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE

N

NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT–OF–WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662–4111

ITEM	UNIT	QUANTITY	DESCRIPTION	ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			

KEY MAP

024	025	
026	027	
028	029	

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011–001 – UTAH

JOB NUMBER
REV 3
DRAWING NUMBER MU011–027

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID–STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE

NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT–OF–WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662–4111

ITEM	UNIT	QUANTITY	DESCRIPTION

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			

KEY MAP

	026	027
	028	029
	030	031

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011–001 – UTAH

JOB NUMBER
REV 3
DRAWING NUMBER MU011–028

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID–STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE

NOTES:

LEGEND

- FOOTPRINT BORDER
- STREET CENTERLINE
- PARCEL BOUNDARIES
- OHP — OVERHEAD POWER
- W — WATER LINE
- SS — SEWER LINE
- RAILROAD
- EOP — EDGE OF PAVEMENT
- BOC — BACK OF CURB
- R\W — RIGHT-OF-WAY
- S\W — SIDEWALK
- DROP WIRE
- BORE — BORE
- A — AERIAL FIBER
- SUCCESS BASED CONDUIT
- TRENCH
- EXISTING FIBER

THE PREFERRED CONSTRUCTION METHOD IS DIRECTIONAL BORE. THE FOLLOWING PLACEMENT WILL BE USED DURING FIELD DESIGN:

1. BACK OF CURB
2. BACK OF SIDEWALK (WITHIN UTILITY EASEMENT)
3. BENEATH SIDEWALK NOTE: CONCRETE RESTORATIONS WILL BE REQUIRED
4. EDGE OF ROAD (ASPHALT) NOTE: ASPHALT RESTORATION WILL BE REQUIRED

CALL BEFORE DIGGING
BLUE STAKES UTILITY
1(800) 662-4111

ITEM	UNIT	QUANTITY	DESCRIPTION

ITEM	UNIT	QUANTITY	DESCRIPTION

POLE	HARDWARE			

KEY MAP

026	027	
028	029	
030	031	

UTOPIA

MID-STATE CONSULTANTS
PROVIDING COMMUNICATION SYSTEMS ENGINEERING

UTOPIA
2020 PROJECT
MU011-001 – UTAH

JOB NUMBER
REV 3
DRAWING NUMBER MU011-029

REV	REVISIONS	DATE	DRN	CKD	DSGN	APPD
2	DCID'S	4/2021	MSC	MSC	MSC	
1	REVIEW ONLY	12/2020	MSC	MSC	MSC	

DSGN	MSC	*
DRN	MSC	*
CKD	MSC	*
SCALE:	1" = 50'	

THIS DRAWING WAS PREPARED BY MID-STATE CONSULTANTS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM UTAH TELECOMMUNICATIONS OPEN INFRASTRUCTURE AGENCY (UTOPIA) IS GRANTED.

FILE