

Unit Code & Description	Units	Estimated Quantity	Actual Quantity
200-2 - Directional Bore - Heavy Metal (2) 1.25" HDPE SPR11	FT	720'	
200-3 - other - Pull back additional 1.25" HDPE (up to 4)	FT	720'	
200-11 - Quartzite Pier 15 bundles - 30"x48"x36" installed w/ Ground Rod	EA	2	
200-15 - Worker Pole Installation (Pole Supplied by Spirit)	EA	2	
301-1 - Cable Placement in conduit - OSP	FT	820'	

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SCALE IS FOR REFERENCE PURPOSES ONLY. THE CABLE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE APPROPRIATE PERMITTING MUNICIPALITY PRIOR TO BEGINNING CONSTRUCTION, IN ORDER TO VERIFY THAT THE CABLE IS BEING PLACED WITHIN THEIR RIGHT-OF-WAY.



SCALE: 1"=60'

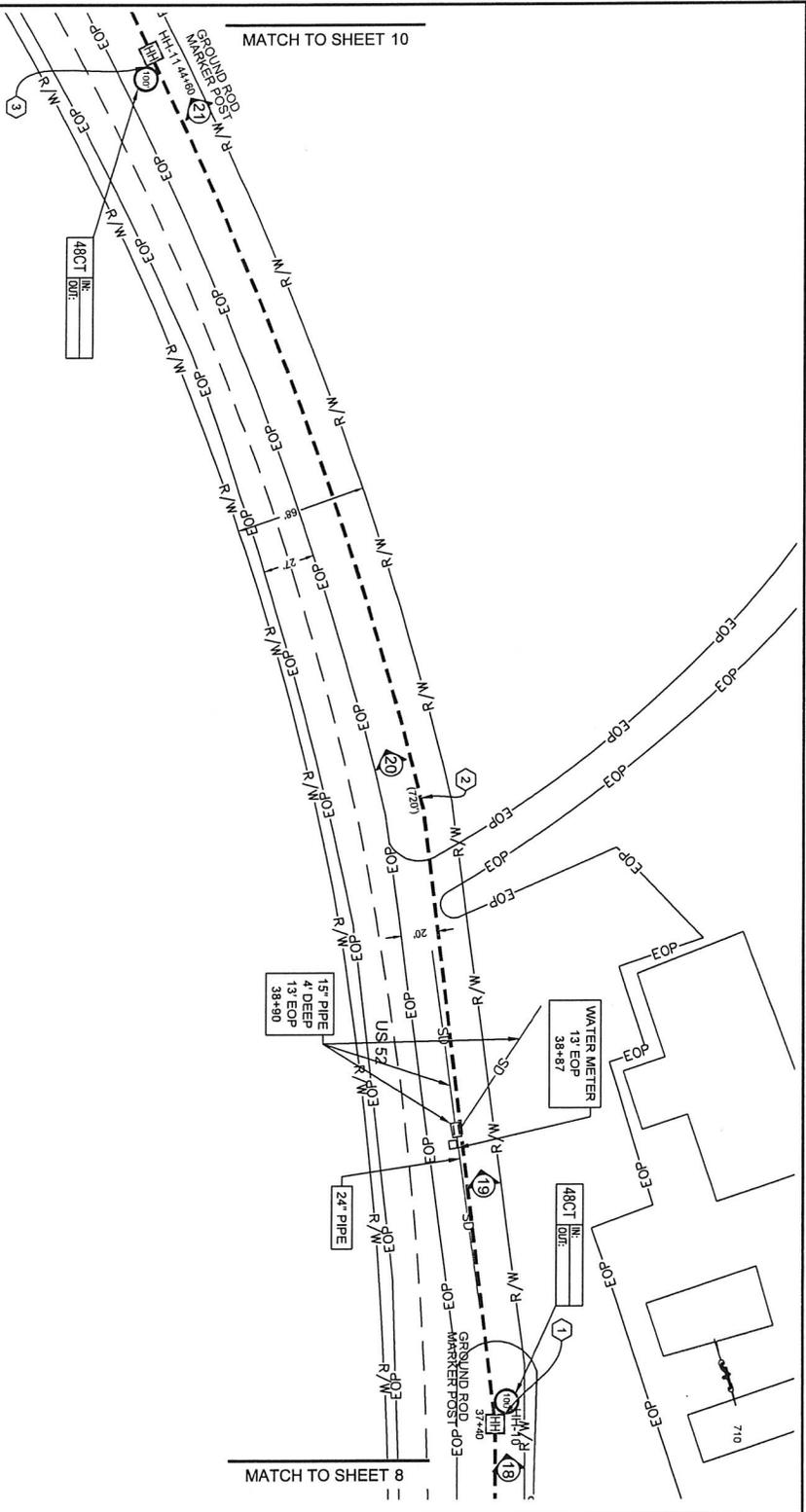
Know what's below. Call before you dig.



NO.	DATE	ENG DESIGN	DRAWING	COMMENT
1	10/06/17	FW	LM	AS-BUILT
2	09/28/17	FW	CSH	REVISION # 1 ORIGINAL

PROJECT MANAGER: ROBERT ROBINSON
 ENGINEER: TREVOR BROWNSHAW
 SERVICE ORDER:
 DESCRIPTION: 1 RADIO ST. WADSWORTH, NC
 DRAWING NAME: T-Radio Street (VA Wadsworth) Wadsworth, NC
 CONFIDENTIAL/PROTECTED IAW

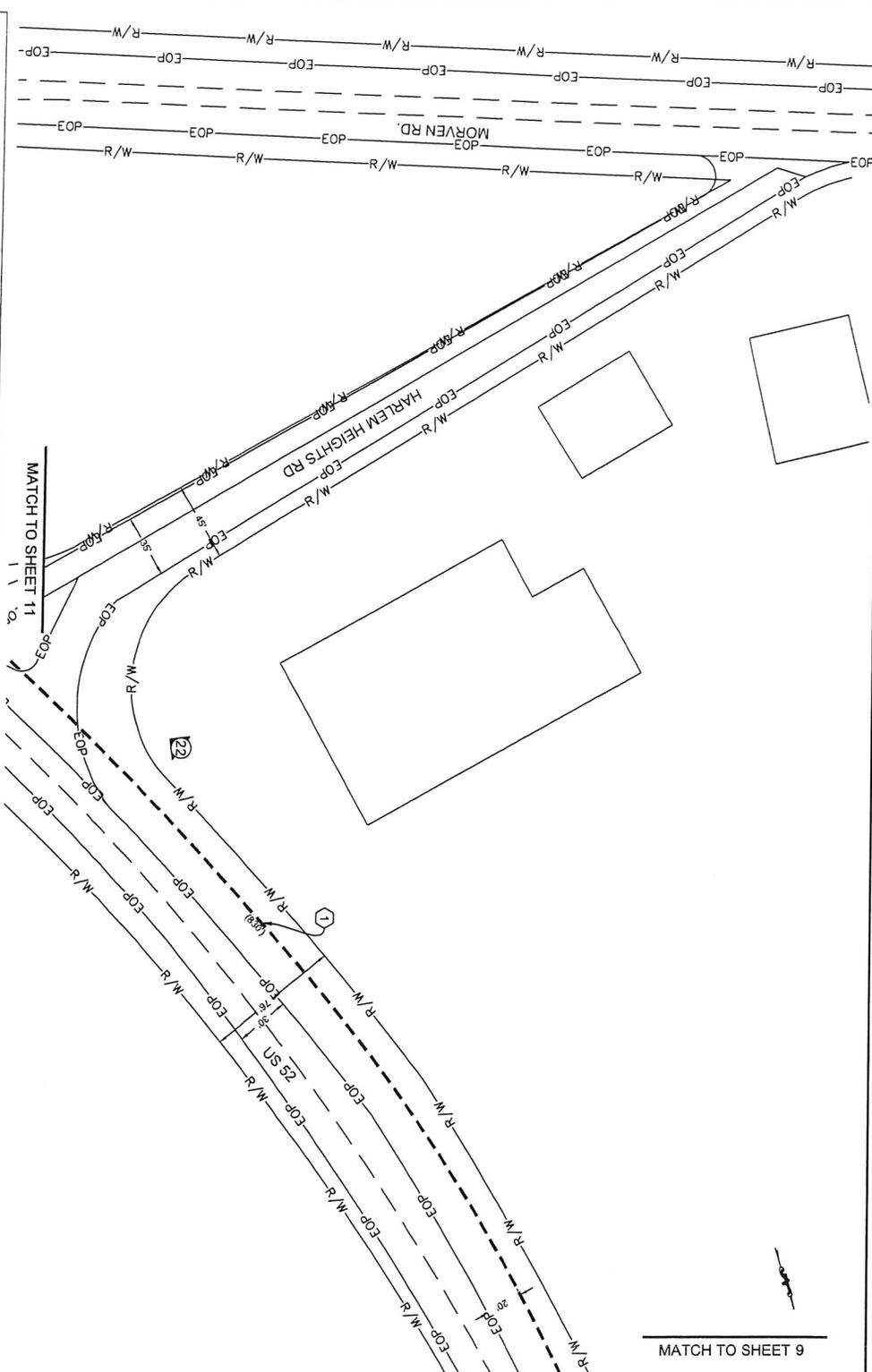
SHEET 9 OF 20



CONSTRUCTION NOTES

- 1 PROPOSED HANDHOLE-10 WITH GROUND ROD. NOTE: 30"x48"x36" E/W MOUNTED LAB. RAINING AT 20,000 LBS. - PLACE MARKER POST
- 2 CABLE FIBERS: 48CT FOC. CABLE OWNER: SPIRIT. CABLE LENGTH: 800'. PASS THROUGH 48CT FOC 720' FROM PROPOSED HA-10 TO PROPOSED HH-11. LEAVES A 100' SLACK LOOP AT HH-10. CONDUIT OWNER: SPIRIT. CONDUIT LENGTH: 720'. CONDUIT TYPE: 1.25" CONDUIT TYPE: HDPE. NOTE: DIRECTIONAL BORE (D) WITH 1.25" HDPE 720' FROM PROPOSED HH-10 TO PROPOSED HH-11.
- 3 PROPOSED HANDHOLE-11 WITH GROUND ROD. NOTE: 30"x48"x36" E/W MOUNTED LAB. RAINING AT 20,000 LBS. - PLACE MARKER POST.

#4 STUDY CORRESPONDS TO PHOTO LOCATIONS AND DIMENSIONS. SEE SHEET 7 FOR SITE PHOTOGRAPHY.



Unit Code & Description	Units	Estimated Actual Quantity
200-2 - Directional Bore - Heavy Minors (2) 1.25" HOPE SDR11	FT	830
200-3 - Cable - Full back additional 1.25" HOPE (up to 4)	FT	830
300-1 - Cable Placement in conduit - OSP	FT	930

SCALE IS FOR REFERENCE PURPOSES ONLY. THE CABLE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE APPROPRIATE PERMITTING MUNICIPALITY PRIOR TO BEGINNING CONSTRUCTION. IN ORDER TO VERIFY THAT THE CABLE IS BEING PLACED WITHIN THEIR RIGHT-OF-WAY.



MATCH TO SHEET 9

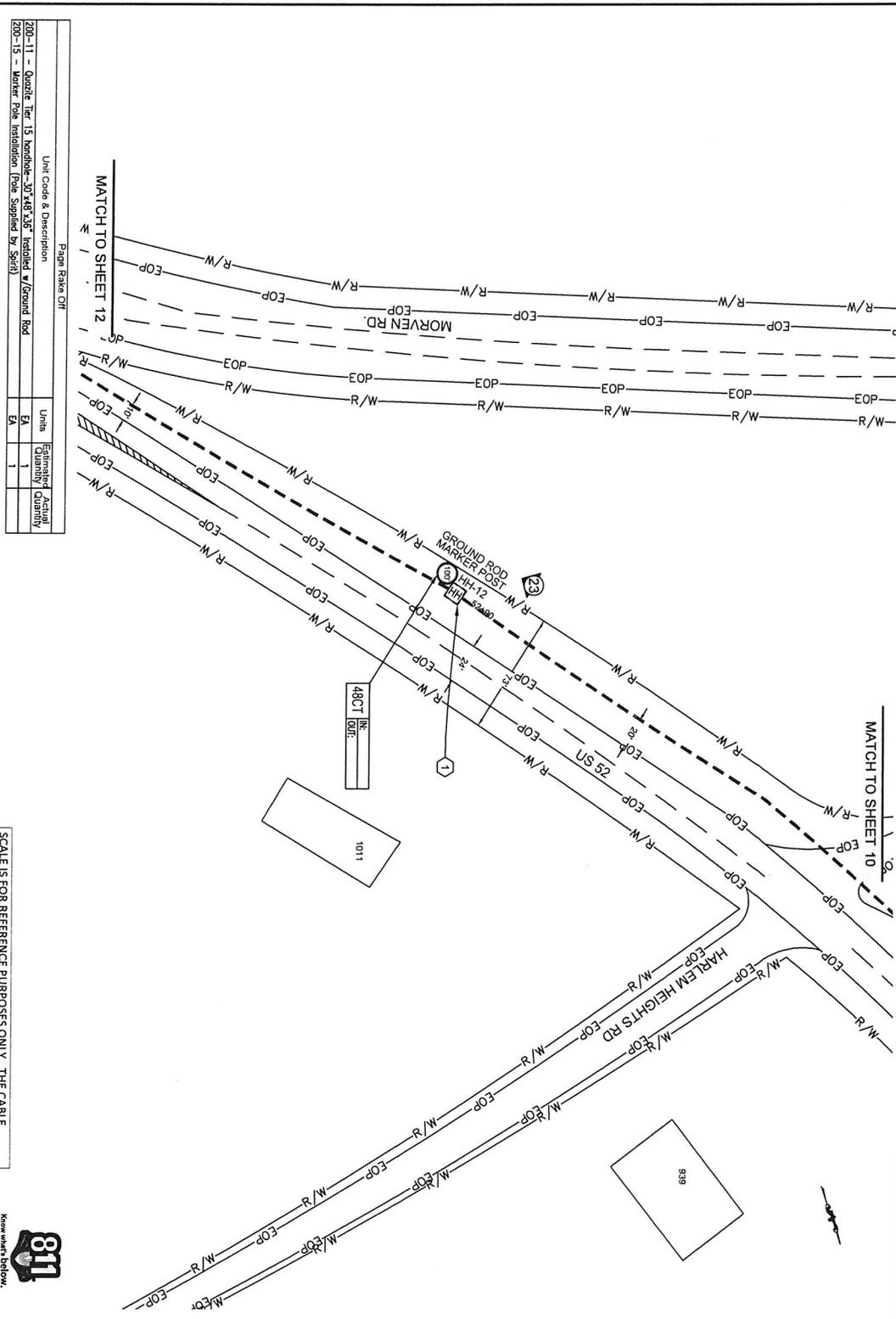
CONSTRUCTION NOTES

- 1 CABLE FIBER: 48CT RSC
- CABLE OWNER: SPIRIT
- CABLE LENGTH: 830'
- NOTE: LENGTH OF CABLE NOT TO EXCEED 1000' FROM PROPOSED MH-11 TO PROPOSED MH-12 LEAVING A 100' SLACK LOOP AT MH-11
- CONDUIT OWNER: SPIRIT
- CONDUIT TYPE: SDR11
- CONDUIT SIZE: 1.25"
- CONDUIT TYPE: HOPE
- NOTE: DIRECTIONAL BORE (2) NEW 1.25" HOPE 830' FROM PROPOSED MH-11 TO PROPOSED MH-12

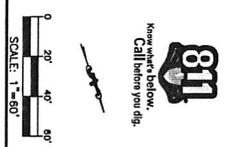
SHEET INFORMATION TO BE USED FOR UPDATES AND ORIENTATION SEE SHEET 1 FOR SHEET INFORMATION.

#	DATE	BY	CHK	DESCRIPTION
1	09/29/17	PM	GM	AS-BUILT
2	10/26/17	PM	GM	REVISION # 1
3	09/29/17	PM	GM	ORIGINAL

Spirit
 PROJECT MANAGER: ROBERT ROBINSON
 ENGINEERING FIRM: TRIC BROADBAND
 SERVICE ORDER: 1 RADIO ST. WADESBORO, NC
 DESCRIPTION: SPIRIT VERIZON TOWER
 DRAWING NAME: *Radio St. Waadesboro, NC*
 CONFIDENTIAL/PRIORITARY



SCALE IS FOR REFERENCE PURPOSES ONLY. THE CABLE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE APPROPRIATE PERMITTING MUNICIPALITY PRIOR TO BEGINNING CONSTRUCTION, IN ORDER TO VERIFY THAT THE CABLE IS BEING PLACED WITHIN THEIR RIGHT-OF-WAY.



Unit Code & Description	Units	Estimated Quantity
200-11 - Quarter Tier 15 Handled-30"x48"x36" Insulated w/Ground Rod	EA	1
200-15 - Marker Pole Installation (Pole Supplied by Spirit)	EA	1

CONSTRUCTION NOTES
 (1) Proposed marker-11 with ground rod
 NOTE: 30"x48"x36" E/W N2001 LB
 - RAINING AT 20,000 LBS
 - PLACE MARKER 105'

④ SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION. SEE SHEET # FOR SITE PHOTOGRAPHS.

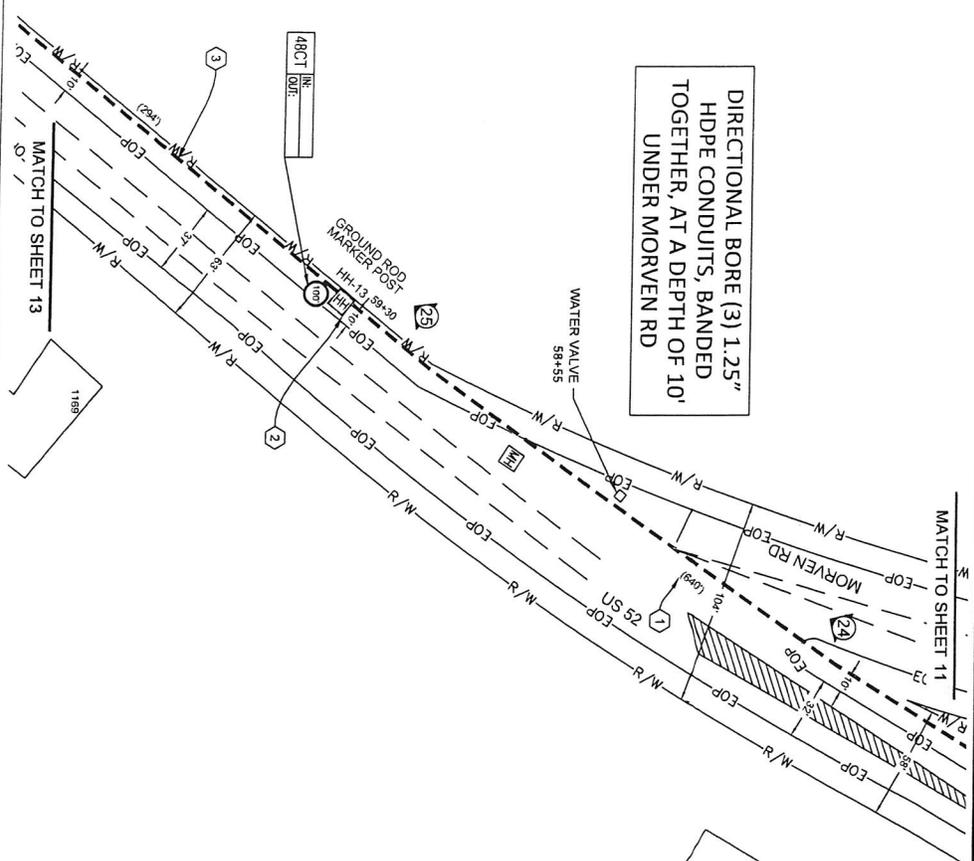
NO.	DATE	BY	DESCRIPTION	REVISION
1	10/08/17	PM	REV	AS-BUILT
2	09/28/17	PM	REV	REVISION # 1
3		CSH	REV	ORIGINAL

Spirit
 1000 N. 11th Street, Suite 1100
 Raleigh, NC 27604
 (919) 871-1100
 www.spiritcable.com

PROJECT MANAGER: ROBERT ROBINSON
 ENGINEERING FIRM: TRAC BROADBAND
 DESCRIPTION: 1 RADIO ST. WAREHOUSE NC
 DRAWING NAME: Spirit - Verizon Tower
 CONFIDENTIAL/PROPRIETARY

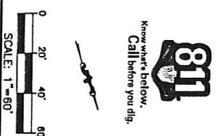
SHEET 11 OF 30

DIRECTIONAL BORE (3) 1.25"
 HDPE CONDUITS, BANDED
 TOGETHER, AT A DEPTH OF 10'
 UNDER MORVEN RD



Unit Code & Description	Units	Estimated Quantity
200-2 - Directional Bore - Heavy Metro (2) 1.25" HDPE SPIRIT	FT	334'
200-11 - 1/2" diameter - 30' x 1/2" x 3/8" Insulated w/Ground Rod	EA	1
200-1 - Cable Placement in trench - 3/4"	FT	1134'

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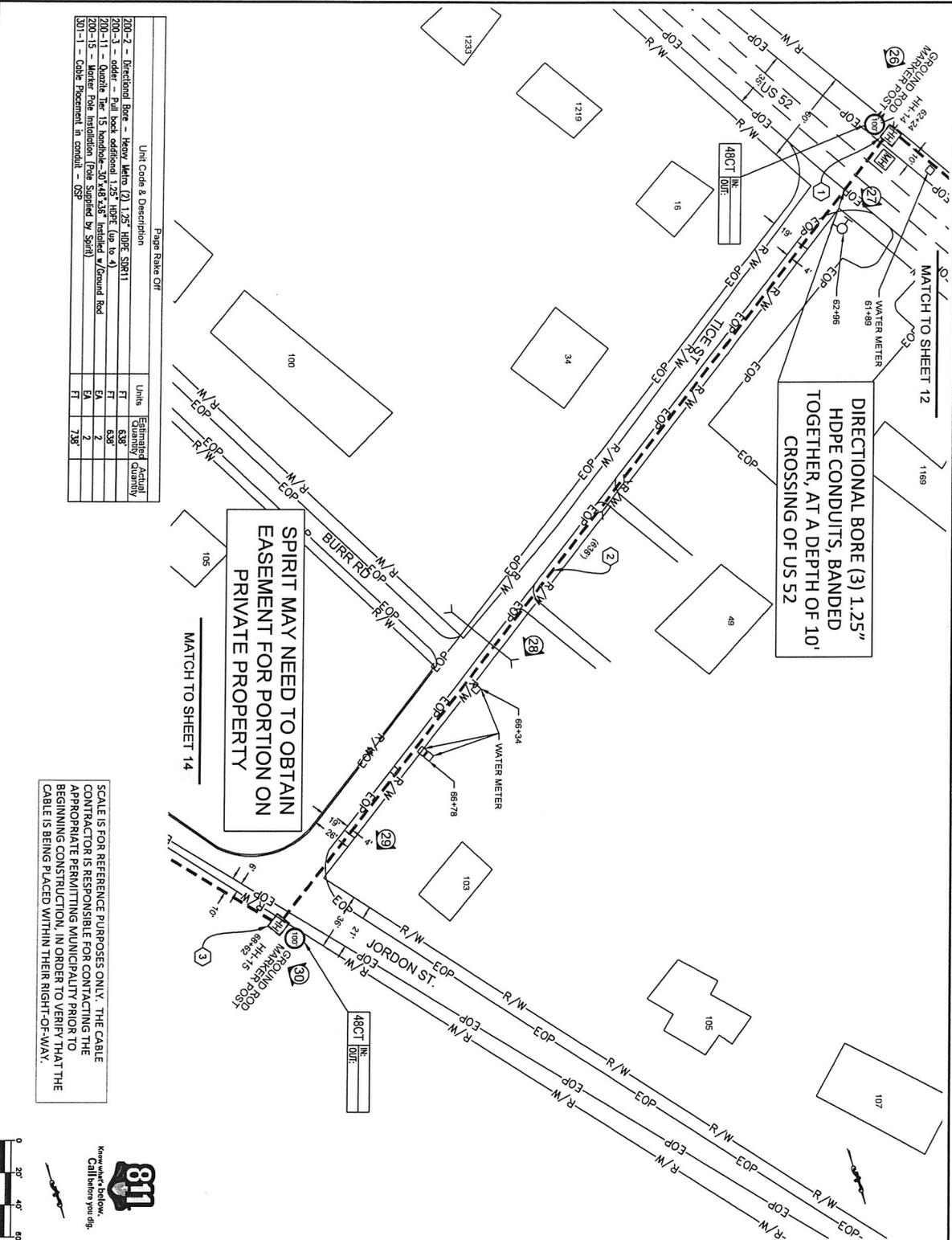
CONSTRUCTION NOTES

- 1 CABLE TRENCH: 48CT FOC
 CABLE OWNER: SPIRIT
 CABLE LENGTH: 294'
 NOTE: TRENCH 48CT FOC 294' FROM PROPOSED HH-12 TO PROPOSED HH-13 LEAVING A 100' SLACK LOOP AT HH-12
 CONDUIT OWNER: SPIRIT
 CONDUIT TYPE: HDPE
 CONDUIT SIZE: 1.25"
 CONDUIT TYPE: HDPE
 NOTE: DIRECTIONAL BORE (3) NEW 1.25" HDPE B40' FROM PROPOSED HH-12 TO PROPOSED HH-13
- 2 PROPOSED MANHOLE-13 WITH GROUND ROD
 NOTE: 30'x48'x36" E/W MOUNT UB
 RATING AT 20,000 LBS
 - PLACE MARKER POST
- 3 CABLE TRENCH: 48CT FOC
 CABLE OWNER: SPIRIT
 CABLE LENGTH: 294'
 NOTE: TRENCH 48CT FOC 294' FROM PROPOSED HH-13 TO PROPOSED HH-14 LEAVING A 100' SLACK LOOP AT HH-13
 CONDUIT OWNER: SPIRIT
 CONDUIT TYPE: HDPE
 CONDUIT SIZE: 1.25"
 CONDUIT TYPE: HDPE
 NOTE: DIRECTIONAL BORE (3) NEW 1.25" HDPE 294' FROM PROPOSED HH-13 TO PROPOSED HH-14

811 Know what's below. Call before you dig.

#	DATE	BY	DESCRIPTION
1	10/26/17	PM	AS-BUILT
2	10/26/17	PM	REVISION # 1 ORIGINAL

PROJECT MANAGER: ROBERT ROBINSON
 ENGINEERING FIRM: TPAC BROADBAND
 SERVICE ORDER: 1 RADIO ST. WADSWORTH, NC
 DESCRIPTION: SPIRIT - VERIZON TOWER
 DRAWING NAME: (Revision 1) 17-01-17
 CONFIDENTIAL/PROPRIETARY



Unit Code & Description	Units	Estimated Quantity
200-2 - Directional Bore - Heavy Metal (2) 1.25" HDPE SPIRIT	FT	638'
200-3 - order - Pull back additional 1.25" HDPE (up to 4)	FT	638'
200-11 - Quartzite Line 15 Diameter - 30'x48'x36" Installed w/ Ground Rod	EA	2
200-13 - Marker Pole Installation (Pole Supplied by Spirit)	FT	2
501-1 - Cable Placement in conduit - OSP	FT	738'

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#	DATE	BY	DESCRIPTION
1	10/06/17	PM	AS-BUILT
2	09/26/17	PM	REVISION # 1 ORIGINAL
3	09/26/17	PM	ENG DESIGN DRAWING

PROJECT MANAGER: ROBERT ROBINSON
 ENGINEERING FIRM: TRAC BROADBAND
 DRAWING NAME: SPIRIT - VERIZON TOWER
 DRAWING NUMBER: 17-0001 (17-0001) (17-0001)
 SHEET: 13 OF 20

CONSTRUCTION NOTES

1 PROPOSED HANDHOLE-14 WITH GROUND ROD
 NOTE: 30'x48'x36" E/W M2001 LB
 - PLACE MARKER POST

2 CABLE FIBERS: 48CT FOC
 CABLE OWNER: SPIRIT
 NOTES: FIBER: 288
 MARKER: 288
 MARKER: 288
 TO PROPOSED MH-15 LEAVING A 100' SLACK LOOP AT MH-14
 CONDUIT OWNER: SPIRIT
 CONDUIT TYPE: HDPE
 CONDUIT SIZE: 1.25"
 CONDUIT TYPE: HDPE
 NOTE: DIRECTIONAL BORE (3) NEW 1.25" HDPE 638' FROM
 PROPOSED MH-14 TO PROPOSED MH-15

3 PROPOSED HANDHOLE-15 WITH GROUND ROD
 NOTE: 30'x48'x36" E/W M2001 LB
 - PLACE MARKER POST

SHEET CORRESPONDS TO PUMP LOCATIONS AND ORIENTATION. SEE SHEET FOR SITE PHOTOGRAPH.

SCALE: 1" = 80'