

Chairman
ROBERT OLIVER

City Attorney
NICK SAMPINOS

Community Director
NICK TATTON

City Recorder
SHERRIE GORDON



Commission

JUDY BEACCO
NANCY BENTLEY
DALE EVANS
ROBERT OLIVER
RICHARD ROOT
FRANKIE SACCO
JAN YOUNG
ERROLL HOLT, ALT.
TODD THORNE, ALT.

PRICE CITY PLANNING COMMISSION

phone: (435) 636-3184 · Fax: (435) 637-2905

185 E. Main - P.O. Box 893

Price, Utah 84501

PLANNING AND ZONING AGENDA

08/22/2016

THE PRICE CITY PLANNING AND ZONING COMMISSION WILL HOLD THEIR REGULARLY SCHEDULED MEETING ON THE ABOVE DATE AT 6:00 PM IN THE PRICE CITY HALL COUNCIL CHAMBERS (ROOM 104). THE PLANNING AND ZONING COMMISSION CHAIRMAN RESERVES THE RIGHT TO MODIFY THE SEQUENCE OF AGENDA ITEMS IN ORDER TO FACILITATE SPECIAL NEEDS.

1. PLEDGE OF ALLEGIANCE
2. ROLL CALL
3. MINUTES OF August 8, 2016
4. PUBLIC COMMENT ON AGENDA ITEMS
5. CONDITIONAL USE PERMIT
 - a. PRIVATE UTILITY POLE PLACEMENTS - Consideration and possible approval for placement of private utility poles within the public right-of-way at: (1) 100 N 600 E within the Commercial 1 zoning district; (2) 400 N between 100 E and Carbon Avenue within the Public Facilities zoning district, and; (3) Intersection of Main Street and Carbon Avenue within the Commercial 1 zoning district, Mobilitie, Robert Taylor.
6. UNFINISHED BUSINESS

Note: In compliance with the Americans with Disabilities Act, individuals needing special accommodations during this meeting should contact, City Recorder, Sherrie Gordon at 185 E. Main, Price, Utah - Telephone 636-3183 at least 24 hours prior to the meeting. This meeting may be held electronically via telephone to permit one or more of the council members to participate.

**PRICE CITY PLANNING AND ZONING MEETING
MINUTES OF AUGUST 8, 2016**

PRESENT:

Commissioners:

Nancy Bentley
Jan Young
Todd Thorne
Frankie Sacco
Dale Evans
Judy Beacco
Richard Root

Sherrie Gordon, City Recorder

EXCUSED: Commissioner Oliver, Commissioner Holt-Alternate and Nick Tatton-Community Director

OTHERS PRESENT: Wayne Clausing, Bret Cammans and Mike DeCaro

1. In the absence of Chairman Oliver, Vice Chair Sacco called the meeting to order at 6:00 P.M. She led the Pledge of Allegiance.
2. Roll was called with the above Commissioners and staff present.
3. MINUTES OF July 26, 2016 –

MOTION. Commissioner Bentley moved to approve the minutes of July 26, 2016 as presented. Motion seconded by Commissioner Evans and carried.

4. PUBLIC COMMENT ON AGENDA ITEMS – No public comment was received on any of the items.
5. CONDITIONAL USE PERMIT
 - a. LAND SUBDIVISION AND ELECTRIC SUBSTATION - Consideration and possible approval of a land subdivision and electric substation land use at 651 West Price River Drive, within the Commercial 1 zoning district, Bret Cammans, Price City.

Bret Cammans submitted a Conditional Use Permit (CUP) application for: (1) the subdivision of land; and (2) the development of an electrical substation by the Price City Electric Department for the location at 651 West Price River Drive within the Commercial 1 (C-1) zoning district. The general evaluation criteria for the subdivision and the land use is listed in Section 11.1 of the Price City Land Use Management and Development Code (Code), the specific land use evaluation criteria and land use checklist is in Section 11.1.m of the Code. The land subdivision is a conditional use indicated in Section 11.3.11.1 of the Code and the substation land use is a conditional use listed in Section 11.3.12.2.2 of the Code.

The project was discussed in detail with the application representative to ensure understanding of the land use requirements and conditions. The development schedule was discussed and any impacts to the community in general or the surrounding property owners should be evaluated, discussed and mitigation conditions imposed. Vice Chair Sacco read aloud the following conditions of approval:

Applicant Shall:

Land Subdivision:

- Apply for and obtain a variance for the land subdivision finding that the subdivided parcel does not meet the minimum lot size in the C-1 zoning district nor does the remaining parcel meet the minimum lot size in the C-1 zoning district.
- Survey and provide easements for infrastructure access as necessary and as identified by the Price City Electric Department and/or Price City Engineer finding that secured public infrastructure access is necessary for maintenance and operation of the public infrastructure.
- Record with the Carbon County Recorder a valid and approved land subdivision plat within sixty (60) days of this approval finding that properly surveyed, platted and recorded land subdivision records prevent misunderstandings in the official records.

Site Development:

- Install substation exterior lighting and security lighting to mitigate unauthorized access and activity at the site finding that well-lit infrastructure locations mitigate unauthorized access and activity.
 - All lighting to be high efficiency LED fixtures.

- Install security fencing to enclose substation of a sufficient height to mitigate unauthorized access and activity finding that security fencing serves to mitigate unauthorized access and activity.
- Perimeter fencing authorized up to a height of eight feet (8'), subject to engineering and inspection.
- Utility connections from the area transmission system connected to the substation compliant with all electric code requirements and prudent utility practices finding that properly connected substations protect the health, safety and welfare of the community.
- Install identification signage and high voltage safety signage at the location in sizes and locations compliant with Chapter 4 of the Code finding that properly identified infrastructure prevents misunderstandings and protects the health, safety and welfare of the community.
- Install a minimum of five percent (5%) landscaping at the development site consistent with code requirements finding that properly landscaped development improves the community aesthetic, particularly on community entrances.
 - Landscaping to be water-wise installations.
- Complete a storm water management plan and provide the plan to the Price City Engineer for review and concurrence and compliance with all storm water management recommendations stemming from the approved plan finding that properly prepared, reviewed and implemented storm water management plans protect the health, safety and welfare of the community.
 - Storm water management plan to address a 100 year storm event.
- Complete a geotechnical study and evaluation and provide the study to the Price City Engineer for review and concurrence and compliance with all recommendations stemming from the review finding that development consistent with geotechnical reports protect the health, safety and welfare of the community.

Other Requirements:

- Provide a file copy of the final transmission system interconnect design to Price City.
- Procure a Price City building permit and all construction completed under the auspices of the Price City building permit and inspection finding that properly permitted and inspected development and infrastructure protect the health, safety and welfare of the community.
- Complete and comply with all the terms and conditions established in the property purchase agreement between Price City and the Price Chapel finding that the terms and conditions of the agreement mitigate impacts of the substation development in the immediate vicinity of the development.
- No conditions at the property or structures that violate the Price City Property Maintenance Code finding that properly maintained properties and structures protect property values and improve the community aesthetic and is consistent with the Price City General Plan.

ACCPETANCE: The applicant acknowledged that he is aware of the conditions of approval, understands the conditions of approval and intends to comply with the conditions of approval.

MOTION. Commissioner Thorne moved to recommend the Price City Council provide final approval for a Conditional Use Permit (CUP) application submitted by Bret Cammans for: (1) the subdivision of land; and (2) the development of an electrical substation by the Price City Electric Department for the location at 651 West Price River Drive within the Commercial 1 (C-1) zoning district. Motion seconded by Root Commissioner and carried.

b. SITE PLAN AMENDMENT - Consideration and possible approval of a site plan amendment for the addition of U-Haul Equipment Rentals to the existing storage shed sales business located at 1416 E Airport Road within the Manufacturing 1 zoning district, Mike DeCaro, Mike's Cumberland Sheds.

A Conditional Use Permit (CUP) application was submitted by Mike DeCaro for a site plan amendment to add U-Haul Equipment Rentals to his existing business location at 1416 Airport Road within the Manufacturing 1 (M-1) zoning district. The addition of the land use for the U-Haul Equipment is considered a truck terminal and a conditional use in the M1 zone based on Section 11.3.8.1 of the Price City Land Use Management and Development Code (Code). The definition of the activity is found in Section 1.13.23 of Code, the lot surfacing information is listed in Section 6.7 of the Code, the general land use evaluation criteria is in Section 11.1 of the Code and the specific land use evaluation criteria/land use checklist is in Section 11.1.m of the Code.

The Commissioners thoroughly discussed the land use with the applicant. Many of the conditions of approval stem from the administrative approval of the retail sales of the sheds at the location previously.

Applicant Shall:

- All conditions associated with Mike's Cumberland Sheds Sales Administrative Conditional Use Permit (CUP) to remain in effect, including, but not limited to the following finding that compliance with existing conditions of approval for existing business operating at the site is a prerequisite for additional land uses at the site:
 - Current property condition to be fully mitigated of Property Maintenance Code violations prior to occupancy, including removal of all debris, rubbish, trash, garbage and accumulations.

- Site Elements:
 - Exterior area lighting to be high efficiency LED fixtures and angled away from all surrounding residential uses and/or shielded from residential uses and/or on timers.
 - All garbage, rubbish, debris to be located in a garbage dumpster; garbage dumpster to be located in a dumpster enclosure; garbage service frequency to prevent accumulation of garbage, rubbish, debris and wind scatter.
 - All site access from existing driveway on Airport Road only.
 - All site areas used for display to be surfaced with gravel or hard surfacing to prevent track out of mud onto the public roadway.
 - Hard surfacing of sales area required on or before July 1, 2018 as required by Section 6.7 of the Code.
 - No placement of display product within the public right-of-way. All display items to be placed such that no sight visibility conditions are created for vehicular or pedestrian traffic on Airport Road.
 - Installation of the minimum 5% landscaping. All landscaping to be water wise.
 - All storm water to be maintained on site.
 - No nuisance dust to be generated or emanate from the site(s).
 - Maintain a minimum of ten (10) off-street parking spaces for employees and customers.
 - Display area adjacent to Nelson Lane restricted for placement of U-Haul Equipment (no approved ingress/egress on Nelson Lane) No direct Nelson Lane site and property access. Public improvements required.
 - No placement of display product within the public right-of-way.
- Sign installation to be located as indicated on site plan. Any additional signage to be reviewed and approved before installation.
- No mechanical service or maintenance conducted at the location finding that property service and maintenance facilities area not present at the site including a grease trap for protection of the public wastewater system.
- No conditions at the property or structures, including hillside locations, that violate the Price City Property Maintenance Code finding that properly maintained property and structures mitigate deterioration of community property values and is consistent with the Price City General Plan.
 - All weeds on both Airport Road and Nelson Lane frontages and properties to be controlled.

ACCPETANCE: The applicant acknowledged that he is aware of the conditions of approval, understands the conditions of approval and intends to comply with the conditions of approval.

MOTION. Commissioner Young moved to recommendation the Price City Council provide final approval of a site plan amendment to add U-Haul Equipment Rentals to the existing site at 1416 Airport Road within the Manufacturing 1 (M-1) zoning district. Motion seconded by Commissioner Beacco and carried.

6. UNFISHISHED BUSINESS - No unfinished business discussed.

Meeting adjourned at 6:36 p.m. pursuant to a motion by Commissioner Evans. Motion seconded by Commissioner Young and carried.

APPROVED: _____
Vice Chair, Frankie Sacco

ATTEST: _____
City Recorder, Sherrie Gordon

Mayor
JOE L PICCOLO
City Attorney
NICK SAMPINOS
Community Director
NICK TATTON
City Recorder
SHERRIE GORDON
Public Works Director
MILES NELSON



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www.pricecityutah.com

**Planning & Zoning
Commissioners**

ROBERT OLIVER, CHAIR
FRANKIE SACCO, VICE CHAIR
JUDY BEACCO
DALE EVANS
NANCY BENTLEY
RICHARD ROOT
JAN YOUNG
ALTERNATE: ERROLL HOLD
ALTERNATE: TODD THORNE

Price City Planning & Zoning Commission

DATE: AUGUST 5TH, 2016
TO: PRICE CITY PLANNING & ZONING COMMISSION
FROM: NICK TATTON 
PRICE CITY
RE: PRIVATE UTILITY POLE INSTALLATIONS – FINAL APPROVAL

Please find attached three (3) Conditional Use Permits (CUP) and 3 sets of site plans submitted by a company called Mobilitie. Mobilitie is in the wireless communications business. The sites are: (1) 100 N 600 E; (2) 400 N between 100 E and Carbon Avenue; and, (3) Intersection of Main Street at Carbonville Road. Site 1 and 3 are in the Commercial 1 (C-1) zoning district and site 2 is in the Public Facilities (PF) zoning district and will utilize zoning considerations from the adjoining residential zoning districts for approval.

Inasmuch as this application is regarding the placement of utility poles in the public right-of-way it is recommended that a detailed discussion regarding the placements, operation, maintenance, etc. be held with the applicant to ensure complete understanding of the conditions of approval by both the City and the applicant. As part of the internal review process the applications have been reviewed by the Price City Street Department, Public Works Department, Engineering Department and Electric Department as well as the Planning Department and Legal. Price City also engaged a private consultant to review and opine on the application on behalf of the City and the recommended conditions of approval. The planning commission must also specifically acknowledge and approve the pole heights requested. Copies of the draft franchise agreement and third-party consultant review are attached for reference and are considered confidential and privileged work product. Price City has also verified Mobilitie's registration with the State of Nevada.

RECOMMENDED MOTION(S):

1. Move to recommend final approval for a Conditional Use Permit (CUP) for Mibilitie to locate private utility poles and related connections at: (1) 100 N 600 E within the Commercial 1 (C-1) zoning district; (2) 400 N between 100 E and Carbon Avenue within the Public Facilities (PF) zoning district using the adjacent residential approval criteria; and, (3) Intersection of Main Street at Carbonville Road within the C-1 zoning district, based upon the general evaluation criteria found in Section(s) 11.1 and 10.1 of the Price

City Land Use Management and Development Code (Code), the specific land use evaluation criteria listed in Section(s) 11.1.m and 10.1.m of the Code, the conditional land use of Other Communications Services listed in Section 11.3.12.1.4 of the Code, the administrative conditional use of Public Utilities listed in Section 10.13.15 of the Code, and subject to the following conditions of approval:

- a. Contact, discussion and coordination of final utility pole placement with both the Price City Public Works Department and neighboring/adjoining private property owners at each location finding that coordinated installation of utility infrastructure and equipment mitigate misunderstandings and serve to promote future development within the community.
 - i. Comments received to be considered and included in final pole placement locations at each respective location.
 - ii. Coordinate metered connections to the Price City Electric System with the Price City Electric Department.
 - iii. Traffic control during installation to be coordinated with the Price City Public Works Department.
 - iv. Locations for any additional fiber line connections to be reviewed and approved by Price City prior to connections.
- b. Provision by Mobilitie to Price City of updated and amended pole installation plans that include information on wind loading and foundation stability signed and stamped by a structural engineer finding that properly prepared and engineered plans protect the health, safety and welfare of the community.
 - i. All poles to be placed to be made of steel, not wood
- c. Approval of installation of pole in location 1 not to exceed 120 feet in height, pole in location 2 not to exceed 35 feet in height, pole in location 3 not to exceed 46 feet in height finding that installations consistent with submitted documents mitigates misunderstandings.
- d. Specific notification of the canal company and provision of pole installation information for location 2 finding that the location is adjacent to the canal and State law requires notification of the canal company for development occurring adjacent to the canal.
 - i. Incorporation of comments received by canal company into final location of pole, foundation design, etc.
- e. Completion and full execution and approval of a franchise agreement between Mobilitie and Price City prior to installation of any poles finding that properly franchised utility providers protect the health, safety and welfare of the community.
- f. Procurement of Price City Building Permits based on amended and engineered stamped installation drawings received finding that properly permitted and inspected utility infrastructure protects the health safety and welfare of the community.
 - i. Installation restricted until updated, stamped and signed plans are submitted and building permits are issued.
- g. Installation of signage on each pole indicating the ownership of the pole and contact information for emergency or service and maintenance matters finding that properly identified utility infrastructure mitigates misunderstandings and promotes increased service to the community.
- h. Procurement of a Price City Business License for the lawful conduct of business within Price City finding that all businesses are required to be licensed for local operation by Price City.

- i. No conditions at the property or structure that violation the Price City Property Maintenance Code finding that properly maintained properties and structures protect area property values and is consistent with the Price City General Plan.
2. Move to acknowledge that the applicant, applicants agents and representatives, are aware of the conditions of approval, understand the conditions of approval and intend to comply with the conditions of approval.

Fee: _____



CONDITIONAL USE PERMIT APPLICATION

Send all completed and properly signed forms (including attachments as necessary) along with applicable fees to: Price City Community Development Department, P.O. Box 893, 185 East Main, Price, UT 84501. For questions call (435) 636-3184.

Please check one.

- New Business** (Complete boxes 1 through 13 on page 1, and all subsequent pages)
 New Construction/Development (Check all applicable boxes below and complete entire application)

Plan Phase:

- Concept
 Preliminary
 Final

PLEASE TYPE OR PRINT LEGIBLY.

Applicant Information			
1. Applicant's Name: Robert Taylor for Mobilitie, LLC		2. Title: Permitting Manager, Utah	
3. Applicant's Mailing Address: 2955 Red Hill Ave		4. Suite/Apt. No.: Suite 200	
5. City: Costa Mesa	6. State: CA	7. Zip Code: 92626	
8. County: Orange		9. Telephone: (435) 633-0457	
Project Information			
10. Name of Project (Business): Mobilitie, LLC- Mini Macro Project			
11. Address of Proposed Project: W. Main Street and Gopher Blvd (39.601921, -110.821879)			
12. Zone District (see attached zoning map): C1			
Nature of Proposed Work (Check all applicable items in boxes 13 through 16)			
13. <input type="checkbox"/> Sign <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Residential	14. <input type="checkbox"/> Zone Change <input type="checkbox"/> Storm Drainage <input type="checkbox"/> Street Work <input type="checkbox"/> Road Dedication <input type="checkbox"/> Water <input type="checkbox"/> Sewer	15. <input checked="" type="checkbox"/> Excavation <input type="checkbox"/> Fill Work <input type="checkbox"/> Building <input type="checkbox"/> Subdivision <input type="checkbox"/> Apartments <input type="checkbox"/> Electrical	16. <input type="checkbox"/> Industrial <input type="checkbox"/> Annexation <input type="checkbox"/> Flood Plain <input type="checkbox"/> Recreation <input type="checkbox"/> Street Opening <input type="checkbox"/> Demolition
17. Quarter Section(s): SE CO	18. Section(s): 17	19. Township(s): 14S	20. Range(s) & Base: 10E
21. Estimated Cost of Project: a) Site Work \$ _____ b) Buildings \$ _____ c) Other \$ _____ Total \$ _____		22. Electrical Load Sheet: <i>(Attach preliminary and final to application)</i>	
		23. Project Plans: <input checked="" type="checkbox"/> Plans Included <input type="checkbox"/> Attachments (Number) <u> 2 </u>	

24. Brief Description of Project: Install one proposed 46' utility pole, Install one omni directional antenna, Install one UE relay, Install one GPS antenna, Install one remote radio head, Install one AC distribution panel, Install one meter socket, Install one Nema sx/ NEMA 3R disconnect switch, Install one 2x3 Quazite Box

25. Justification (Explain why this project is needed): Network densification to decrease RF failures & backfill gaps in coverage

26. Names and Addresses of Adjoining Property Owners, Lessees, Etc.:

NAME	ADDRESS (City, ST, Zip)	TELEPHONE
1. Circle K Ranch, LLC c/o Dino Kiahtipes	P.O. Box 700	()
	Price, Utah 84501	
2. Legacy Inn & RV Park	145 Carbonville Rd	(435) 637-2424
	Price, Utah 84501	
3.		()
27. Estimated Starting Date: 09 / 12 /2016	28. Estimated Completion Date: 09/ 16 /2016	29. Has P.R.W.I.D. Sewer Survey Been Submitted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Signature of Property Owner _____ Date _____

Please Print Name _____ Title _____

Office Use Only

Recommendation of Planning and Zoning Administrator (Community Director):

Approve

Decline

Comments:

Signature: _____

Date: _____

Requires:

Building Permit

Conditional Use Permit

Code Amendment

Board of Adjustments Variance

Flood Plain Development Permit

Other: _____

SITE PLAN

Please provide a drawing of your proposed site in the space below. Include building floor plan, profiles, cross-sections, dimensions, setbacks, and signs. Also indicate exits, restrooms, and fire extinguisher placement. Use an attached sheet of paper, if necessary.

Fee: _____



CONDITIONAL USE PERMIT APPLICATION

Send all completed and properly signed forms (including attachments as necessary) along with applicable fees to: Price City Community Development Department, P.O. Box 893, 185 East Main, Price, UT 84501. For questions call (435) 636-3184.

Please check one.

- New Business** (Complete boxes 1 through 13 on page 1, and all subsequent pages)
 New Construction/Development (Check all applicable boxes below and complete entire application)

Plan Phase:

- Concept
 Preliminary
 Final

PLEASE TYPE OR PRINT LEGIBLY.

Applicant Information			
1. Applicant's Name: Robert Taylor for Mobilitie, LLC		2. Title: Permitting Manager, Utah	
3. Applicant's Mailing Address: 2955 Red Hill Ave		4. Suite/Apt. No.: Suite 200	
5. City: Costa Mesa	6. State: CA	7. Zip Code: 92626	
8. County: Orange		9. Telephone: (435) 633-0457	
Project Information			
10. Name of Project (Business): Mobilitie, LLC- Backhaul Project			
11. Address of Proposed Project: E. 1st N. & N. 6th E. St. (39.60111, -110.800116)			
12. Zone District (see attached zoning map): R2-7			
Nature of Proposed Work (Check all applicable items in boxes 13 through 16)			
13. <input type="checkbox"/> Sign <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Residential	14. <input type="checkbox"/> Zone Change <input type="checkbox"/> Storm Drainage <input type="checkbox"/> Street Work <input type="checkbox"/> Road Dedication <input type="checkbox"/> Water <input type="checkbox"/> Sewer	15. <input checked="" type="checkbox"/> Excavation <input type="checkbox"/> Fill Work <input type="checkbox"/> Building <input type="checkbox"/> Subdivision <input type="checkbox"/> Apartments <input type="checkbox"/> Electrical	16. <input type="checkbox"/> Industrial <input type="checkbox"/> Annexation <input type="checkbox"/> Flood Plain <input type="checkbox"/> Recreation <input type="checkbox"/> Street Opening <input type="checkbox"/> Demolition
17. Quarter Section(s): SE CO	18. Section(s): 16	19. Township(s): 14	20. Range(s) & Base: 10
21. Estimated Cost of Project: a) Site Work \$ _____ b) Buildings \$ _____ c) Other \$ _____ Total \$ _____		22. Electrical Load Sheet: <i>(Attach preliminary and final to application)</i>	
		23. Project Plans: <input checked="" type="checkbox"/> Plans Included <input type="checkbox"/> Attachments (Number) <u> 2 </u>	

24. Brief Description of Project: Install one proposed 120' Utility pole

25. Justification (Explain why this project is needed): Network densification to decrease RF failures & backfill gaps in coverage

26. Names and Addresses of Adjoining Property Owners, Lessees, Etc.:

NAME	ADDRESS (City, ST, Zip)	TELEPHONE
1. John & Molly Skiff	545 E. 100 N	()
	Price, UT 84501	
2. Gary & Linda Farrell	106 N. 400 E	
	Price, UT 84501	
3. John Iversen	521 E 100 N,	()
	Price, UT 84501	
27. Estimated Starting Date: 09 / 12 / 2016	28. Estimated Completion Date: 09 / 16 / 2016	29. Has P.R.W.I.D. Sewer Survey Been Submitted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Signature of Property Owner _____ Date _____

Please Print Name _____ Title _____

Office Use Only

Recommendation of Planning and Zoning Administrator (Community Director):

Approve
 Decline

Comments:

Signature: _____ Date: _____

Requires:

Building Permit
 Conditional Use Permit
 Code Amendment
 Board of Adjustments Variance
 Flood Plain Development Permit
 Other: _____

SITE PLAN

Please provide a drawing of your proposed site in the space below. Include building floor plan, profiles, cross-sections, dimensions, setbacks, and signs. Also indicate exits, restrooms, and fire extinguisher placement. Use an attached sheet of paper, if necessary.

Fee: _____



CONDITIONAL USE PERMIT APPLICATION

Send all completed and properly signed forms (including attachments as necessary) along with applicable fees to: Price City Community Development Department, P.O. Box 893, 185 East Main, Price, UT 84501. For questions call (435) 636-3184.

Please check one.

- New Business** (Complete boxes 1 through 13 on page 1, and all subsequent pages)
- New Construction/Development** (Check all applicable boxes below and complete entire application)

Plan Phase:

- Concept
- Preliminary
- Final

PLEASE TYPE OR PRINT LEGIBLY.

Applicant Information			
1. Applicant's Name: Robert Taylor for Mobilitie, LLC		2. Title: Permitting Manager, Utah	
3. Applicant's Mailing Address: 2955 Red Hill Ave		4. Suite/Apt. No.: Suite 200	
5. City: Costa Mesa	6. State: CA	7. Zip Code: 92626	
8. County: Orange		9. Telephone: (435) 633-0457	
Project Information			
10. Name of Project (Business): Mobilitie, LLC- Mini Macro Project			
11. Address of Proposed Project: 4th N Street & N Carbon Ave (39.60527, -110.809949)			
12. Zone District (see attached zoning map): R2-7			
Nature of Proposed Work (Check all applicable items in boxes 13 through 16)			
13. <input type="checkbox"/> Sign <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Residential	14. <input type="checkbox"/> Zone Change <input type="checkbox"/> Storm Drainage <input type="checkbox"/> Street Work <input type="checkbox"/> Road Dedication <input type="checkbox"/> Water <input type="checkbox"/> Sewer	15. <input checked="" type="checkbox"/> Excavation <input type="checkbox"/> Fill Work <input type="checkbox"/> Building <input type="checkbox"/> Subdivision <input type="checkbox"/> Apartments <input type="checkbox"/> Electrical	16. <input type="checkbox"/> Industrial <input type="checkbox"/> Annexation <input type="checkbox"/> Flood Plain <input type="checkbox"/> Recreation <input type="checkbox"/> Street Opening <input type="checkbox"/> Demolition
17. Quarter Section(s): SE CO	18. Section(s): 16	19. Township(s): 14	20. Range(s) & Base: 10
21. Estimated Cost of Project: a) Site Work \$ _____ b) Buildings \$ _____ c) Other \$ _____ Total \$ _____		22. Electrical Load Sheet: <i>(Attach preliminary and final to application)</i>	
23. Project Plans: <input checked="" type="checkbox"/> Plans Included <input type="checkbox"/> Attachments (Number) <u> 2 </u>			

24. Brief Description of Project: Install one proposed 46' utility pole, Install one omni directional antenna, Install one UE relay, Install one GPS antenna, Install one remote radio head, Install one AC distribution panel, Install one meter socket, Install one Nema sx/ NEMA 3R disconnect switch, Install one 2x3 Quazite Box

25. Justification (Explain why this project is needed): Network densification to decrease RF failures & backfill gaps in coverage

26. Names and Addresses of Adjoining Property Owners, Lessees, Etc.:

NAME	ADDRESS (City, ST, Zip)	TELEPHONE
1. Carbon County School District	65 E 400 N, PRICE, 84526	()
2.		()
3.		()
27. Estimated Starting Date: 09 / 12 / 2016	28. Estimated Completion Date: 09 / 16 / 2016	29. Has P.R.W.I.D. Sewer Survey Been Submitted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Signature of Property Owner

Date

Please Print Name

Title

Office Use Only

Recommendation of Planning and Zoning Administrator (Community Director):

Approve

Decline

Comments:

Signature: _____

Date: _____

Requires:

Building Permit

Conditional Use Permit

Code Amendment

Board of Adjustments Variance

Flood Plain Development Permit

Other: _____

SITE PLAN

Please provide a drawing of your proposed site in the space below. Include building floor plan, profiles, cross-sections, dimensions, setbacks, and signs. Also indicate exits, restrooms, and fire extinguisher placement. Use an attached sheet of paper, if necessary.



SITE ID: 9UTB000302A

SITE LOCATION:
W. MAIN ST. PRICE, UT 84501
W. MAIN ST. & GOPHER BLVD.

NEW UTILITY STEEL POLE



MOBILITIE, LLC

DRAWN BY:	J.M.G.
DATE:	05/27/2016

REV	DATE	DESCRIPTION	BY
A	05/27/2016	90% CONSTRUCTION	JMG

GENERAL NOTES

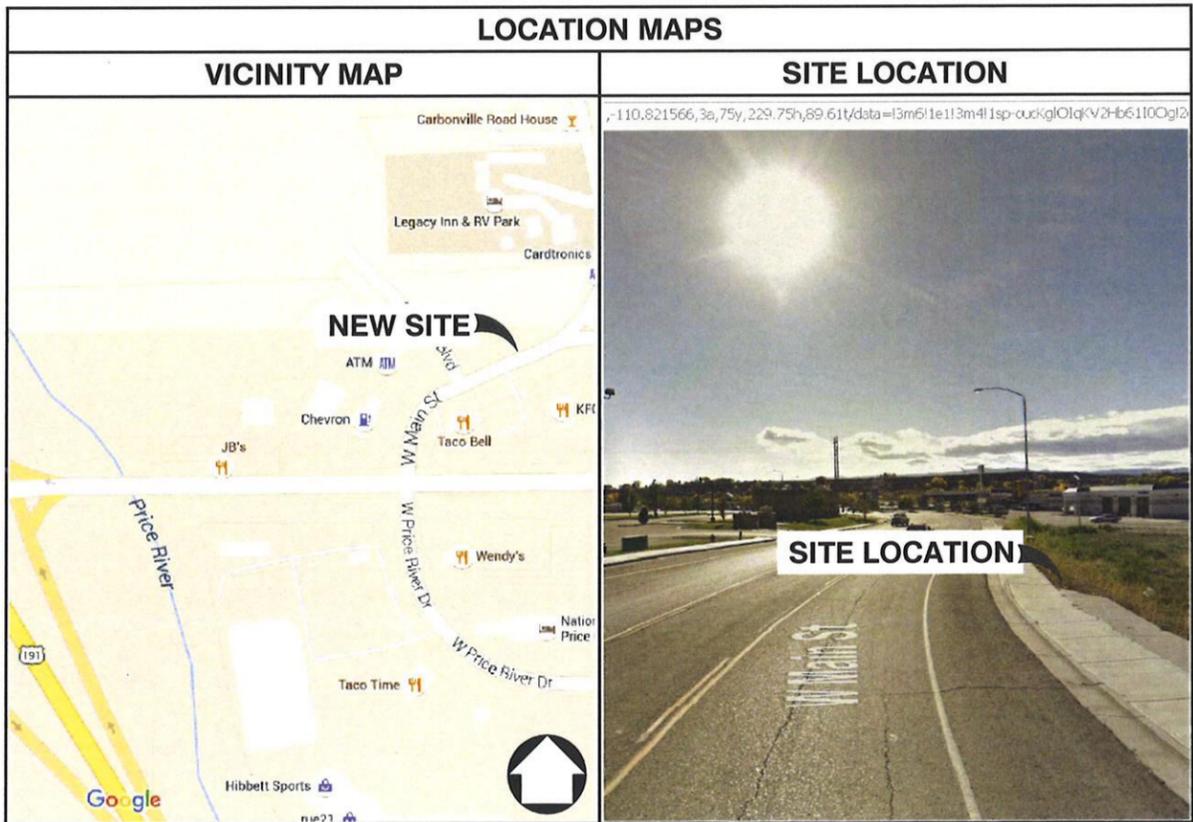
THE FACILITY IS NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE, NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS NEW.

SITE INFORMATION

APPLICANT: MOBILITIE, LLC
 APPLICANT ADDRESS: 2955 RED HILL AVENUE, STE. 200, COSTA MESA, CA 9262
 APPLICANT CONTACT: GEORGE CRAIN
 APPLICANT PHONE: (801) 884-3673
 EMAIL: george.crain@mobilitie.com
 PUBLIC ROW/Private PROPERTY: PUBLIC ROW
 NEAREST ADDRESS: W. MAIN ST., PRICE, UT 84501
 NEAREST APN(S): 01-2657-0008
 SITE LATITUDE: 39°36'06.9" N (39.601921)
 SITE LONGITUDE: -110°49'18.8" W (-110.821879)
 GIS TYPE: C83VF (NAD83)
 GROUND ELEVATION: ±XXX AMSL
 COUNTY: COUNTY OF CARBON
 JURISDICTION: CITY OF PRICE

DO NOT SCALE DRAWINGS

SUBCONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & FIELD CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.



PROJECT DESCRIPTION

MOBILITIE, LLC PROPOSES TO CONSTRUCT A NEW SMALL CELL SITE WITHIN AN EXISTING RIGHT OF WAY. THE SCOPE WILL CONSIST OF THE FOLLOWING:

- INSTALL ONE (1) PROPOSED 46' UTILITY POLE
- INSTALL ONE (1) OMNI-DIRECTIONAL ANTENNA
- INSTALL ONE (1) UE RELAY
- INSTALL ONE (1) GPS ANTENNA
- INSTALL ONE (1) REMOTE RADIO HEAD
- INSTALL ONE (1) AC DISTRIBUTION PANEL
- INSTALL ONE (1) METER SOCKET
- INSTALL ONE (1) NEMA 4X/NEMA 3R DISCONNECT SWITCH
- INSTALL ONE (1) 2'X3' QUARTZITE BOX

ENGINEERING

- 2012 INTERNATIONAL BUILDING CODE
- 2014 NATIONAL ELECTRICAL CODE
- TIA/EIA-222-G-2 OR LATEST EDITION
- LOCAL BUILDING/PLANNING CODE

DRAWING INDEX

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TC-1	TRAFFIC CONTROL PLANS
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A-1	SITE PLANS
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D-2	DETAILS
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G-1	GROUNDING PLAN

DESIGN TEAM

MOBILITIE, LLC
 2955 RED HILL AVENUE, STE. 200,
 COSTA MESA, CA 92626
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 EMAIL: sylvette.cuezon@mobilitie.com



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE ID:
9UTB000302A
 SITE LOCATION:
W. MAIN ST. PRICE, UT 84501
W. MAIN ST. & GOPHER BLVD
 NEW UTILITY STEEL POLE

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1

GENERAL CONSTRUCTION NOTES

- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE LOCAL BUILDING CODE, THE LATEST EDITION AND ALL OTHER APPLICABLE CODES AND ORDINANCES.
- CONTRACTOR SHALL CONSTRUCT SITE IN ACCORDANCE WITH THESE DRAWINGS AND CONSTRUCTION SPECIFICATIONS 80-11196-1 REV H. THE SPECIFICATION IS THE RULING DOCUMENT AND ANY DISCREPANCIES BETWEEN THE SPECIFICATION AND THESE DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
- CONTRACTOR SHALL VISIT THE JOB SITE AND SHALL FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PROVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK. NO COMPENSATION WILL BE AWARDED BASED ON CLAIM OF LACK OF KNOWLEDGE OF FIELD CONDITIONS.
- PLANS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY UNLESS OTHERWISE NOTED. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT AND APPURTENANCES, AND LABOR NECESSARY TO EFFECT ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS. OWNER PROVIDED MATERIALS WILL INCLUDE THE FOLLOWING, UNLESS NOTED OTHERWISE:
 A) TRANSMITTER
 B) RF FILTER
 C) HOSE AND HOSE MANIFOLDS (ANY COPPER OR STEEL SECTIONS PROVIDE BY CONTRACTOR)
 D) UHF ANTENNA AND MOUNTING BRACKETS, GPS ANTENNAS AND KU ANTENNAS
 E) UHF COAX AND HANGERS
 F) 480-208 & 208-400 ELECTRICAL TRANSFORMERS (RE: E-2 FOR SPECIALIZED TRANSFORMERS PROVIDED BY CONTRACTOR)
 G) AUTOMATIC TRANSFER SWITCH AND GENERATOR
 H) EQUIPMENT SHELTER (SHELTERS FURNISHED IN FACTORY W/ HVAC EQUIPMENT AND ELECTRICAL DISTRIBUTION PANEL)
 I) INTEGRATED LOAD CENTER
- DIMENSIONS SHOWN ARE TO FINISH SURFACES UNLESS OTHERWISE NOTED. SPACING BETWEEN EQUIPMENT IS REQUIRED CLEARANCE. THEREFORE, IT IS CRITICAL TO FIELD VERIFY DIMENSIONS, SHOULD THERE BE ANY QUESTIONS REGARDING THE CONTRACT DOCUMENTS, EXISTING CONDITIONS AND/OR DESIGN INTENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE WORK.
- DETAILS ARE INTENDED TO SHOW DESIGN INTENT. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.
- CONTRACTOR SHALL RECEIVE CLARIFICATION IN WRITING, AND SHALL RECEIVE IN WRITING AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEMS NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE BEST CONSTRUCTION SKILLS AND ATTENTION. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER CONTRACT, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE WORK AREA, ADJACENT AREAS AND BUILDING OCCUPANTS THAT ARE LIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFORM TO ALL OSHA REQUIREMENTS.
- CONTRACTOR SHALL COORDINATE HIS WORK WITH THE SUPERINTENDENT OF BUILDINGS & GROUNDS AND SCHEDULE HIS ACTIVITIES AND WORKING HOURS IN ACCORDANCE WITH THE REQUIREMENTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH THE WORK OF OTHERS AS IT MAY RELATE TO RADIO EQUIPMENT, ANTENNAS AND ANY OTHER PORTIONS OF THE WORK.
- INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS UNLESS SPECIFICALLY OTHERWISE INDICATED OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
- MAKE NECESSARY PROVISIONS TO PROTECT EXISTING SURFACES, EQUIPMENT, IMPROVEMENTS, PIPING ETC. AND IMMEDIATELY REPAIR ANY DAMAGE THAT OCCURS DURING CONSTRUCTION.
- IN DRILLING HOLES INTO CONCRETE WHETHER FOR FASTENING OR ANCHORING PURPOSES, OR PENETRATIONS THROUGH THE FLOOR FOR CONDUIT RUNS, PIPE RUNS, ETC., MUST BE CLEARLY UNDERSTOOD THAT REINFORCING STEEL SHALL NOT BE DRILLED INTO, CUT OR DAMAGED UNDER ANY CIRCUMSTANCES (UNLESS NOTED OTHERWISE). LOCATIONS OF REINFORCING STEEL ARE NOT DEFINITELY KNOWN AND THEREFORE MUST BE SEARCHED FOR BY APPROPRIATE METHODS AND EQUIPMENT.
- REPAIR ALL EXISTING WALL SURFACES DAMAGED DURING CONSTRUCTION SUCH THAT THEY MATCH AND BLEND IN WITH ADJACENT SURFACES.
- SEAL PENETRATIONS THROUGH FIRE RATED AREAS WITH U.L. LISTED AND FIRE CODE APPROVED MATERIALS.
- KEEP CONTRACT AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DIRT, DEBRIS, AND RUBBISH. EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY OF THE OWNER SHALL BE REMOVED. LEAVE PREMISES IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL ITEMS UNTIL COMPLETION OF CONSTRUCTION.
- MINIMUM BEND RADIUS OF ANTENNA CABLES SHALL BE IN ACCORDANCE WITH CABLE MANUFACTURERS RECOMMENDATIONS.
- ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO APPLICABLE REGULATORY AUTHORITIES.
- CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION SHALL BE IN CONFORMANCE WITH JURISDICTIONAL OR STATE AND LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL AND COORDINATED WITH LOCAL REGULATORY AUTHORITIES.
- ALL CONSTRUCTION IS TO ADHERE TO APPLICANT'S INTEGRATED CONSTRUCTION STANDARDS UNLESS STATE CODE IS MORE STRINGENT.
- THE INTENT OF THE PLANS AND SPECIFICATIONS IS TO PERFORM THE CONSTRUCTION IN ACCORDANCE PER STATE BUILDING STANDARDS CODE, TITLES 19 AND 24, STATE CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE APPROVED PLANS AND SPECIFICATIONS WHEREIN THE FINISHED WORK WILL NOT COMPLY PER STATE CODE OF REGULATIONS, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE JURISDICTION BEFORE PROCEEDING WITH THE WORK.

ELECTRICAL NOTES

- ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ANY/ALL ELECTRICAL WORK INDICATED. ANY/ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH DRAWINGS AND ANY/ALL APPLICABLE SPECIFICATIONS. IF ANY PROBLEMS ARE ENCOUNTERED BY COMPLYING WITH THESE REQUIREMENTS, CONTRACTOR SHALL NOTIFY 'CONSTRUCTION MANAGER' AS SOON AS POSSIBLE. AFTER THE 'DISCOVERY' OF THE PROBLEMS, AND SHALL NOT PROCEED WITH THAT PORTION OF WORK, UNTIL THE 'CONSTRUCTION MANAGER' HAS DIRECTED THE CORRECTIVE ACTIONS TO BE TAKEN.
- ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE HIMSELF WITH ANY/ALL CONDITIONS AFFECTING ELECTRICAL AND COMMUNICATION INSTALLATION AND MAKE PROVISIONS AS TO THE COST THEREOF. ALL EXISTING CONDITIONS OF ELECTRICAL EQUIP., LIGHT FIXTURES, ETC., THAT ARE PART OF THE FINAL SYSTEM, SHALL BE VERIFIED BY THE CONTRACTOR, PRIOR TO THE SUBMITTING OF HIS BID. FAILURE TO COMPLY WITH THIS PARAGRAPH WILL IN NO WAY RELIEVE CONTRACTOR OF PERFORMING ALL WORK NECESSARY FOR A COMPLETE AND WORKING SYSTEM.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NEC AND ALL CODES AND LOCAL ORDINANCES OF THE LOCAL POWER & TELEPHONE COMPANIES HAVING JURISDICTION AND SHALL INCLUDE BUT NOT BE LIMITED TO:
 C - NATIONAL FIRE CODES
 A. UL - UNDERWRITERS LABORATORIES
 B. NEC - NATIONAL ELECTRICAL CODE
 C. NEMA - NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
 D. OSHA - OCCUPATIONAL SAFETY AND HEALTH ACT
 E. SBC - STANDARD BUILDING CODE
- DO NOT SCALE ELECTRICAL DRAWINGS, REFER TO SITE PLANS AND ELEVATIONS FOR EXACT LOCATIONS OF ALL EQUIPMENT, AND CONFIRM WITH 'CONSTRUCTION MANAGER' ANY SIZES AND LOCATIONS WHEN NEEDED.
- EXISTING SERVICES: CONTRACTOR SHALL NOT INTERRUPT EXISTING SERVICES WITHOUT WRITTEN PERMISSION OF THE OWNER.
- CONTRACTOR SHALL PAY FOR ANY/ALL PERMITS, FEES, INSPECTIONS AND TESTING. CONTRACTOR IS TO OBTAIN PERMITS AND APPROVED SUBMITTALS PRIOR TO THE WORK BEGINNING OR ORDERING EQUIPMENT.
- THE TERM "PROVIDE" USED IN CONSTRUCTION DOCUMENTS AND SPECIFICATIONS, INDICATES THAT THE CONTRACTOR SHALL FURNISH AND INSTALL.
- CONTRACTOR SHALL CONFIRM WITH LOCAL UTILITY COMPANY ANY/ALL REQUIREMENTS SUCH AS THE: LUG SIZE RESTRICTIONS, CONDUIT ENTRY, SIZE OF TRANSFORMERS, SCHEDULED DOWNTIME FOR THE OWNERS' CONFIRMATION, ETC... ANY/ALL CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER, PRIOR TO BEGINNING ANY WORK.
- MINIMUM WIRE SIZE SHALL BE #12 AWG, NOT INCLUDING CONTROL WIRING, UNLESS NOTED OTHERWISE. ALL CONDUCTORS SHALL BE COPPER WITH THHN INSULATION.
- OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET/DAMP LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.
- IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF THE CONSTRUCTION. CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS FOR THE EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
- ELECTRICAL SYSTEM SHALL BE AS COMPLETELY AND EFFECTIVELY GROUNDED, AS REQUIRED BY SPECIFICATIONS, SET FORTH BY APPLICANT.
- ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS, WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND SUBJECT TO REGULATORY INSPECTION AND APPROVAL BY CONSTRUCTION MANAGER.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
- CONTRACTOR SHALL GUARANTEE ANY/ALL MATERIALS AND WORK FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE.
- THE CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ANY ADDITIONAL CHARGE AND SHALL INCLUDE THE REPLACEMENT OR THE REPAIR OF ANY OTHER PHASE OF THE INSTALLATION, WHICH MAY HAVE BEEN DAMAGED THEREIN.
- ADEQUATE AND REQUIRED LIABILITY INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LOSS AND ANY/ALL PROPERTY DAMAGE FOR THE DURATION OF WORK.
- PROVIDE AND INSTALL CONDUIT, CONDUCTORS, PULL WIRES, BOXES, COVER PLATES AND DEVICES FOR ALL OUTLETS AS INDICATED.
- DITCHING AND BACK FILL: CONTRACTOR SHALL PROVIDE FOR ALL UNDERGROUND INSTALLED CONDUIT AND/OR CABLES INCLUDING EXCAVATION AND BACKFILLING AND COMPACTION. REFER TO NOTES AND REQUIREMENTS 'EXCAVATION, AND BACKFILLING.
- MATERIALS, PRODUCTS AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE NEW AND SHALL APPEAR ON THE LIST OF U.L. APPROVED ITEMS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF THE NEC, NEMA AND IEC.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OR MANUFACTURERS CATALOG INFORMATION OF ANY/ALL LIGHTING FIXTURES, SWITCHES AND ALL OTHER ELECTRICAL ITEMS FOR APPROVAL BY THE CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
- ANY CUTTING OR PATCHING DEEMED NECESSARY FOR ELECTRICAL WORK IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY AND SHALL BE INCLUDED IN THE COST FOR WORK AND PERFORMED TO THE SATISFACTION OF THE 'CONSTRUCTION MANAGER' UPON FINAL ACCEPTANCE.
- THE ELECTRICAL CONTRACTOR SHALL LABEL ALL PANELS WITH ONLY TYPEWRITTEN DIRECTORIES. ALL ELECTRICAL WIRING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- DISCONNECT SWITCHES SHALL BE H.P. RATED HEAVY-DUTY, QUICK-MAKE AND QUICK-BREAK ENCLOSURES, AS REQUIRED BY EXPOSURE TYPE.
- ALL CONNECTIONS SHALL BE MADE WITH A PROTECTIVE COATING OF AN ANTI-OXIDE COMPOUND SUCH AS "NO-OXIDE A" BY DEARBORNE CHEMICAL CO. COAT ALL WIRE SURFACES BEFORE CONNECTING. EXPOSED COPPER SURFACES, INCLUDING GROUND BARS, SHALL BE TREATED - NO SUBSTITUTIONS.
- RACEWAYS: CONDUIT SHALL BE SCHEDULE 80 PVC MEETING OR EXCEEDING NEMA TC2 - 1999. CONTRACTOR SHALL PLUG AND CAP EACH END OF SPARE AND EMPTY CONDUITS AND PROVIDE TWO SEPARATE PULL STRINGS - 200 LBS TEST POLYETHYLENE CORD. ALL CONDUIT BENDS SHALL BE A MINIMUM OF 2 FT. RADIUS. RGS CONDUITS WHEN SPECIFIED, SHALL MEET UL-6 FOR GALVANIZED STEEL. ALL FITTINGS SHALL BE SUITABLE FOR USE WITH THREADED RIGID CONDUIT. COAT ALL THREADS WITH 'BRITE ZINC' OR 'COLD GALV'.
- SUPPORT OF ALL ELECTRICAL WORK SHALL BE AS REQUIRED BY NEC.
- CONDUCTORS: CONTRACTOR SHALL USE 98% CONDUCTIVITY COPPER WITH TYPE THWN INSULATION, 600 VOLT, COLOR CODED. USE SOLID CONDUCTORS FOR WIRE UP TO AND INCLUDING NO. 8 AWG. USE STRANDED CONDUCTORS FOR WIRE ABOVE NO. 8 AWG.
- CONNECTORS FOR POWER CONDUCTORS: CONTRACTOR SHALL USE PRESSURE TIGHT TWIST-ON CONNECTORS FOR NO. 10 AWG AND SMALLER. USE SOLDERLESS MECHANICAL TERMINAL LUGS FOR NO. 8 AWG AND LARGER.
- SERVICE: 120/240V, SINGLE PHASE, 3 WIRE CONNECTION AVAILABLE FROM UTILITY COMPANY. OWNER OR OWNERS AGENT WILL APPLY FOR POWER.
- TELEPHONE SERVICE: CONTRACTOR SHALL PROVIDE EMPTY CONDUITS WITH PULL STRINGS AS INDICATED ON DRAWINGS.
- ELECTRICAL AND TELCO RACEWAYS TO BE BURIED A MINIMUM OF 2' DEPTH.
- CONTRACTOR SHALL PLACE TWO LENGTHS OF WARNING TAPE AT A DEPTH OF 12" BELOW GROUND AND DIRECTLY ABOVE ELECTRICAL AND TELCO SERVICE CONDUITS. CAUTIONS TAPE TO READ "CAUTION BURIED ELECTRIC" OR "BURIED TELECOMM". ALL BOLTS SHALL BE 3-16 STAINLESS STEEL.

GROUNDING NOTES

- GC SHALL USE PERMANENT MARKER TO DRAW THE LINES BETWEEN EACH SECTION AND LABEL EACH SECTION ("P", "A", "N", "T") WITH 1" HIGH LETTERS.
 - ALL HARDWARE 3-16 STAINLESS STEEL, INCLUDING LOCK WASHERS, COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE MATING. ALL HARDWARE SHALL BE STAINLESS STEEL 3/8 INCH DIAMETER OR LARGER.
 - FOR GROUND BOND TO STEEL ONLY: INSERT A CADMIUM FLAT WASHER BETWEEN LUG AND STEEL, COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE MATING.
 - WHEN THE SCOPE OF WORK REQUIRES THE ADDITION OF A GROUNDING BAR TO AN EXISTING UTILITY POLE, THE SUBCONTRACTOR SHALL OBTAIN APPROVAL FROM THE UTILITY POLE OWNER PRIOR TO MOUNTING THE GROUNDING BAR TO THE UTILITY POLE.
 - ALL ELECTRICAL AND GROUNDING AT THE POLE SITE SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 780 (LATEST EDITION), AND MANUFACTURER.
- ADDITIONAL NOTES:**
- ALL DETAILS ARE SHOWN IN GENERAL TERMS. ACTUAL GROUNDING INSTALLATION AND CONSTRUCTION MAY VARY DUE TO SITE SPECIFIC CONDITIONS.
 - GROUND ALL ANTENNA BASES, FRAMES, CABLE RUNS, AND OTHER METALLIC COMPONENTS USING #6 GROUND WIRES. FOLLOW ANTENNA AND BTS MANUFACTURER'S PRACTICES FOR GROUNDING REQUIREMENTS.
 - ALL GROUND CONNECTIONS SHALL BE #6 AWG U.N.O. ALL WIRES SHALL BE COPPER WITH THHN/THWN. ALL GROUND WIRE SHALL BE SOLID TIN COATED OR STRANDED GREEN INSULATED WIRE.
 - CONTRACTOR TO VERIFY AND TEST GROUND TO SOURCE, 10 OHMS MAXIMUM. PROVIDE SUPPLEMENT GROUNDING RODS AS REQUIRED TO ACHIEVE SPECIFIED OHMS READING. GROUNDING AND OTHER OPTIONAL TESTING WILL BE WITNESSED BY THE APPLICANT REPRESENTATIVE.
 - NOTIFY ARCHITECT/ENGINEER IF THERE ARE ANY DIFFICULTIES INSTALLING GROUNDING SYSTEM DUE TO SITE SOIL CONDITIONS.
 - ALL HORIZONTALLY RUN GROUNDING CONDUCTORS SHALL BE INSTALLED MINIMUM 12" BELOW GRADE/FROST-LINE IN TRENCH, U.N.O., AND BACK FILL SHALL BE COMPACTED AS REQUIRED BY ARCHITECT.
 - ALL GROUND CONDUCTORS SHALL BE RUN AS STRAIGHT AND SHORT AS POSSIBLE, WITH A MINIMUM 12" BENDING RADIUS NOT LESS THAN 90 DEGREES.
 - ACCEPTABLE CONNECTIONS FOR GROUNDING SYSTEM SHALL BE:
 a. BURNDY, HY-GRADE U.L. LISTED CONNECTORS FOR OUTDOOR USE OR AS APPROVED BY APPLICANT PROJECT MANAGER.
 b. CADWELD, EXOTHERMIC WELDS (WELDED CONNECTIONS)
 c. ONE (1) HOLE TINNED COPPER COMPRESSION (LONG BARREL) FITTINGS.
 - ALL CRIMPED CONNECTIONS SHALL HAVE EMBOSSED MANUFACTURER'S DIEMARK VISIBLE AT THE CRIMP AND WEATHER-PROOFED WITH HEAT SHRINK (RESULTING FROM USE OF PROPER CRIMPING DEVICES).
 - ALL CONNECTION HARDWARE SHALL BE TYPE 3-16 STAINLESS STEEL (NOT ATTRACTED TO MAGNETS).
 - ELECTRICAL SERVICE EQUIPMENT GROUNDING SHALL COMPLY WITH NEC, ARTICLE 250-82 AND SHALL BOND ALL EXISTING AND NEW GROUNDING ELECTRODES. NEW GROUNDING ELECTRODE SHALL INCLUDE BUT NOT LIMITED TO GROUND RODS, GROUND RING IF SERVICE IS WITHIN THE RADIO EQUIPMENT LOCATION, BUILDING STEEL IF APPLICABLE, COLD WATER CONNECTIONS MUST BE MADE ON THE STREET SIDE OF MAIN SHUT-OFF VALVE.

TESTING AND EQUIPMENT TURN UP REQUIREMENTS

- RF CABLE, DATA CABLE, RADIO EQUIPMENT AND BACK HAUL EQUIPMENT TESTING WILL COMPLY WITH CURRENT INDUSTRY STANDARDS AND OR THOSE STANDARDS OF THE EQUIPMENT MANUFACTURE OR PROVIDED TO THE CONTRACTOR PRIOR TO TESTING.
- CONTRACTOR WILL USE THE APPROPRIATE CALIBRATED TESTING EQUIPMENT IN THE TESTING OF RF CABLE, DATA CABLE, RADIO EQUIPMENT AND BACK HAUL EQUIPMENT THAT MEET INDUSTRY STANDARDS OF THE MANUFACTURE OR THOSE STANDARDS PROVIDED TO THE CONTRACTOR PRIOR TO TESTING.
- CONTRACTOR TO VERIFY AND RECORD ALL TEST RESULTS AND PROVIDE THESE RESULTS WITHIN THE FINAL CLOSE OUT PACKAGE.
- ALL PERSONNEL INVOLVED IN THE TESTING OF RF CABLE, DATA CABLE, RADIO EQUIPMENT AND BACK HAUL EQUIPMENT WILL BE REQUIRED TO HAVE BEEN TRAINED AND OR CERTIFIED IN THE PROPER TESTING OF RF CABLE, DATA CABLE, RADIO EQUIPMENT AND BACK HAUL EQUIPMENT.
- ALL TEST RESULTS SHALL BE TIME STAMPED, RECORDED AND PRESENTED PRIOR TO ENERGIZING AND TURN UP OF ANY EQUIPMENT.
- GPS EQUIPMENT IS NOT TO BE TESTED OR ATTACHED TO ANY CABLING DURING TESTING, DOING SO WILL DAMAGE THE GPS UNIT.
- PRIOR TO TESTING IF THE CONTRACTOR HAS ANY QUESTIONS ABOUT THE TESTING PROCEDURES THEY ARE TO CALL AND OBTAIN ASSISTANCE FROM A QUALIFIED DESIGNATED TESTING REPRESENTATIVE.
- EQUIPMENT IS NOT TO BE ENERGIZED UNTIL ALL TESTING HAS BEEN COMPLETED, APPROVED AND THE APPROPRIATE AUTHORITY HAS BEEN NOTIFIED AND GIVES APPROVAL TO ENERGIZE THE EQUIPMENT.

MISCELLANEOUS MATERIALS

FROM TIME TO TIME IT MAY BE NECESSARY TO MAKE MINOR ADJUSTMENTS TO ACCOMMODATE, LEVEL OR SPACE ANTENNA MOUNTS AND EQUIPMENT. EXAMPLE ADDING A WASHER OR SHIM TO LEVEL OUT A BRACKET OR MOUNT TO MEET SPECIFICATIONS. HAVING TO OFFSET OR SPACE A BRACKET OR MOUNT DUE TO FLANGES AND OR OTHER SMALL PROTRUSIONS ON A POLE TOP ASSEMBLY. ANY MATERIALS, NUTS, BOLTS, SHIMS OR SPACERS USED TO ACCOMMODATE ADJUSTMENTS TO ANTENNA MOUNTS AND EQUIPMENT MUST BE PERMANENTLY AFFIXED, BOLTED TO THE MOUNT, BRACKET OR POLE, AS NEVER TO BECOME A FALL HAZARD. ALL MATERIALS NUTS, BOLTS, SHIMS OR SPACERS USED IN MINOR ADJUSTMENTS, MUST BE EITHER STAINLESS STEEL OR GALVANIZED. HALF WASHERS ARE PROHIBITED. ANY MINOR ADJUSTMENTS TO ACCOMMODATE ANTENNA MOUNTS AND EQUIPMENT SHOULD BE DONE IN A PROFESSIONAL MANNER WITH SAFETY AND AESTHETICS IN MIND. SHOULD YOU HAVE ANY QUESTIONS CONTACT YOUR ASSIGNED CONSTRUCTION PROJECT MANAGER OR ENGINEER FOR GUIDANCE.



MOBILITIE, LLC

DRAWN BY:	J.M.G.
DATE:	05/27/2016

REV	DATE	DESCRIPTION	BY
A	05/27/2016	90% CONSTRUCTION	JMG

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE ID:
9UTB000302A
 SITE LOCATION
 W. MAIN ST. PRICE, UT 84501
 W. MAIN ST. & GOPHER BLVD
NEW UTILITY STEEL POLE

SHEET TITLE
GENERAL NOTES

SHEET NUMBER
T-2

SITE WORK NOTES

- DO NOT EXCAVATE OR DISTURB BEYOND THE PROPERTY LINES OR LEASE LINES, UNLESS OTHERWISE NOTED.
- DO NOT SCALE BUILDING DIMENSIONS FROM DRAWING.
- SIZE, LOCATION AND TYPE OF ANY UNDERGROUND UTILITIES OR IMPROVEMENTS SHALL BE ACCURATELY NOTED AND PLACED ON AS-BUILT DRAWINGS BY GENERAL CONTRACTOR AND ISSUED TO ARCHITECT/ENGINEER AT COMPLETION OF PROJECT.
- ALL EXISTING UTILITIES, FACILITIES, CONDITIONS AND THEIR DIMENSIONS SHOWN ON PLANS HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY WHATSOEVER AS TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS OR THE MANNER OF THEIR REMOVAL OR ADJUSTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL EXISTING UTILITIES AND FACILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY DETAILED INFORMATION RELATIVE TO WORKING SCHEDULES AND METHODS OF REMOVING OR ADJUSTING EXISTING UTILITIES.
- CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES BOTH HORIZONTALLY AND VERTICALLY PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES OR DOUBTS AS TO THE INTERPRETATION OF PLANS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT/ENGINEER FOR RESOLUTION AND INSTRUCTION, AND NO FURTHER WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS CHECKED AND CORRECTED BY THE ARCHITECT/ENGINEER. FAILURE TO SECURE SUCH INSTRUCTION MEANS CONTRACTOR WILL HAVE WORKED AT HIS/HER OWN RISK AND EXPENSE. CONTRACTOR SHALL CALL LOCAL DIGGER HOT LINE FOR UTILITY LOCATIONS 48 HOURS PRIOR TO START OF CONSTRUCTION.
- ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE ADJUSTED TO FINISH ELEVATIONS PRIOR TO FINAL INSPECTION OF WORK.
- GRADING OF THE SITE WORK AREA IS TO BE SMOOTH AND CONTINUOUS IN SLOPE AND IS TO FEATHER INTO EXISTING GRADES AT THE GRADING LIMITS.
- ALL TEMPORARY EXCAVATIONS FOR THE INSTALLATION OF FOUNDATIONS, UTILITIES, ETC., SHALL BE PROPERLY LAID BACK OR BRACED IN ACCORDANCE WITH CORRECT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS.
- STRUCTURAL FILLS SUPPORTING PAVEMENTS SHALL BE COMPACTED TO 95% OF MAXIMUM STANDARD PROCTOR DRY DENSITY.
- NEW GRADES NOT IN BUILDING AND DRIVEWAY IMPROVEMENT AREA TO BE ACHIEVED BY FILLING WITH APPROVED CLEAN FILL AND COMPACTED TO 95% OF STANDARD PROCTOR DENSITY.
- ALL FILL SHALL BE PLACED IN UNIFORM LIFTS. THE LIFTS THICKNESS SHOULD NOT EXCEED THAT WHICH CAN BE PROPERLY COMPACTED THROUGHOUT ITS ENTIRE DEPTH WITH THE EQUIPMENT AVAILABLE.
- ANY FILLS PLACED ON EXISTING SLOPES THAT ARE STEEPER THAN 10 HORIZONTAL TO 1 VERTICAL SHALL BE PROPERLY BENCHED INTO THE EXISTING SLOPE AS DIRECTED BY A GEOTECHNICAL ENGINEER.
- CONTRACTOR SHALL CLEAN ENTIRE SITE AFTER CONSTRUCTION SUCH THAT NO PAPERS, TRASH, WEEDS, BRUSH OR ANY OTHER DEPOSITS WILL REMAIN. ALL MATERIALS COLLECTED DURING CLEANING OPERATIONS SHALL BE DISPOSED OF OFF-SITE BY THE GENERAL CONTRACTOR.
- ALL TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH THE IMPROVEMENTS SHALL BE PROTECTED BY THE GENERAL CONTRACTOR.
- ALL SITE WORK SHALL BE CAREFULLY COORDINATED BY GENERAL CONTRACTOR WITH LOCAL UTILITY COMPANY, TELEPHONE COMPANY, AND ANY OTHER UTILITY COMPANIES HAVING JURISDICTION OVER THIS LOCATION.

ENVIRONMENTAL NOTES

- ALL WORK PERFORMED SHALL BE DONE IN ACCORDANCE WITH ISSUED PERMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF FINES AND PROPER CLEAN UP FOR AREAS IN VIOLATION.
- CONTRACTOR AND/OR DEVELOPER SHALL BE RESPONSIBLE FOR CONSTRUCTION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROLS DURING CONSTRUCTION FOR PROTECTION OF ADJACENT PROPERTIES, ROADWAYS AND WATERWAYS AND SHALL BE MAINTAINED IN PLACE THROUGH FINAL JURISDICTIONAL INSPECTION & RELEASE OF SITE.
- CONTRACTOR SHALL INSTALL/CONSTRUCT ALL NECESSARY SEDIMENT/SILT CONTROL FENCING AND PROTECTIVE MEASURES WITHIN THE LIMITS OF SITE DISTURBANCE PRIOR TO CONSTRUCTION.
- NO SEDIMENT SHALL BE ALLOWED TO EXIT THE PROPERTY. THE CONTRACTOR IS RESPONSIBLE FOR TAKING ADEQUATE MEASURES FOR CONTROLLING EROSION. ADDITIONAL SEDIMENT CONTROL FENCING MAY BE REQUIRED IN ANY AREAS SUBJECT TO EROSION.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIMES WITH SILT AND EROSION CONTROL MEASURES MAINTAINED ON THE DOWNSTREAM SIDE OF SITE DRAINAGE. ANY DAMAGE TO ADJACENT PROPERTY AS A RESULT OF EROSION WILL BE CORRECTED AT THE CONTRACTORS EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY INSPECTIONS AND ANY REPAIRS OF ALL SEDIMENT CONTROL MEASURES INCLUDING SEDIMENT REMOVAL AS NECESSARY.
- CLEARING OF VEGETATION AND TREE REMOVAL SHALL BE ONLY AS PERMITTED AND BE HELD TO A MINIMUM. ONLY TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED.
- SEEDING AND MULCHING AND/OR SODDING OF THE SITE WILL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE PROJECT FACILITIES AFFECTING LAND DISTURBANCE.
- CONTRACTOR SHALL PROVIDE ALL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY LOCAL, COUNTY AND STATE CODES AND ORDINANCES TO PROTECT EMBANKMENTS FROM SOIL LOSS AND TO PREVENT ACCUMULATION OF SOIL AND SILT IN STREAMS AND DRAINAGE PATHS LEAVING THE CONSTRUCTION AREA. THIS MAY INCLUDE SUCH MEASURES AS SILT FENCES, STRAW BALE SEDIMENT BARRIERS, AND CHECK DAMS.
- RIP RAP OF SIZES INDICATED SHALL CONSIST OF CLEAN, HARD, SOUND, DURABLE, UNIFORM IN QUALITY STONE FREE OF ANY DETRIMENTAL QUANTITY OF SOFT, FRIABLE, THIN, ELONGATED OR LAMINATED PIECES, DISINTEGRATED MATERIAL, ORGANIC MATTER, OIL, ALKALI, OR OTHER DELETERIOUS SUBSTANCES

FOUNDATION, EXCAVATION AND BACKFILL NOTES

- ALL FINAL GRADED SLOPES SHALL BE A MAXIMUM OF 3 HORIZONTAL TO 1 VERTICAL.
- ALL EXCAVATIONS PREPARED FOR PLACEMENT OF CONCRETE SHALL BE OF UNDISTURBED SOILS, SUBSTANTIALLY HORIZONTAL AND FREE FROM ANY LOOSE, UNSUITABLE MATERIAL OR FROZEN SOILS, AND WITHOUT THE PRESENCE OF POUNDING WATER. DEWATERING FOR EXCESS GROUND WATER SHALL BE PROVIDED WHEN REQUIRED. COMPACTION OF SOILS UNDER CONCRETE PAD FOUNDATIONS SHALL NOT BE LESS THAN 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY FOR THE SOIL IN ACCORDANCE WITH ASTM D1557.
- CONCRETE FOUNDATIONS SHALL NOT BE PLACED ON ORGANIC OR UNSUITABLE MATERIAL. IF INADEQUATE BEARING CAPACITY IS REACHED AT THE DESIGNED EXCAVATION DEPTH, THE UNSATISFACTORY SOIL SHALL BE EXCAVATED TO ITS FULL DEPTH AND EITHER BE REPLACED WITH MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION SHALL BE FILLED WITH CONCRETE OF THE SAME TYPE SPECIFIED FOR THE FOUNDATION. CRUSHED STONE MAY BE USED TO STABILIZE THE BOTTOM OF THE EXCAVATION. ANY STONE SUB BASE MATERIAL, IF USED, SHALL NOT SUBSTITUTE FOR REQUIRED THICKNESS OF CONCRETE.
- ALL EXCAVATIONS SHALL BE CLEAN OF UNSUITABLE MATERIAL SUCH AS VEGETATION, TRASH, DEBRIS, AND SO FORTH PRIOR TO BACK FILLING. BACK FILL SHALL CONSIST OF APPROVED MATERIALS SUCH AS EARTH, LOAM, SANDY CLAY, SAND AND GRAVEL, OR SOFT SHALE, FREE FROM CLODS OR LARGE STONES OVER 2 1/2" MAX DIMENSIONS. ALL BACK FILL SHALL BE PLACED IN COMPACTED LAYERS.
- ALL FILL MATERIALS AND FOUNDATION BACK FILL SHALL BE PLACED IN MAXIMUM 6" THICK LIFTS BEFORE COMPACTION. EACH LIFT SHALL BE WETTED IF REQUIRED AND COMPACTED TO NOT LESS THAN 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY FOR SOIL IN ACCORDANCE WITH ASTM D1557.
- NEWLY PLACED CONCRETE FOUNDATIONS SHALL CURE A MINIMUM OF 72 HRS PRIOR TO BACK FILLING.
- FINISHED GRADING SHALL BE SLOPED TO PROVIDE POSITIVE DRAINAGE AND PREVENT STANDING WATER. THE FINAL (FINISH) ELEVATION OF SLAB FOUNDATIONS SHALL SLOPE AWAY IN ALL DIRECTIONS FROM THE CENTER. FINISH GRADE OF CONCRETE PADS SHALL BE A MAXIMUM OF 4 INCHES ABOVE FINAL FINISH GRADE ELEVATIONS. PROVIDE SURFACE FILL GRAVEL TO ESTABLISH SPECIFIED ELEVATIONS WHERE REQUIRED.
- NEWLY GRADED SURFACE AREAS TO RECEIVE GRAVEL SHALL BE COVERED WITH GEOTEXTILE FABRIC TYPE: TYPAR-3401 AS MANUFACTURED BY "CONSTRUCTION MATERIAL 1-800-239-3841" OR AN APPROVED EQUIVALENT, SHOWN ON PLANS. THE GEOTEXTILE FABRIC SHALL BE BLACK IN COLOR TO CONTROL THE RECURRENCE OF VEGETATIVE GROWTH AND EXTEND TO WITHIN 1 FOOT OUTSIDE THE SITE FENCING OR ELECTRICAL GROUNDING SYSTEM PERIMETER WHICH EVER IS GREATER. ALL FABRIC SHALL BE COVERED WITH A MINIMUM OF 4" DEEP COMPACTED STONE OR GRAVEL AS SPECIFIED. I.E. FDOT TYPE No. 57 FOR FENCED COMPOUND, FDOT TYPE No. 67 FOR ACCESS DRIVE AREA.
- IN ALL AREAS TO RECEIVE FILL, REMOVE ALL VEGETATION, TOPSOIL, DEBRIS, WET AND UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DELETERIOUS MATERIALS FROM GROUND SURFACE. PLOW STRIP OR BREAK UP SLOPED SURFACES STEEPER THAN 1 VERTICAL TO 4 HORIZONTAL SUCH THAT FILL MATERIAL WILL BIND WITH EXISTING/PREPARED SOIL SURFACE.
- WHEN SUB GRADE OR PREPARED GROUND SURFACE HAS A DENSITY LESS THAN THAT REQUIRED FOR THE FILL MATERIAL. SCARIFY THE GROUND SURFACE TO DEPTH REQUIRED, PULVERIZE, MOISTURE-CONDITION AND/OR AERATE THE SOILS AND RECOMPACT TO THE REQUIRED DENSITY PRIOR TO PLACEMENT OF FILLS.
- IN AREAS WHICH EXISTING GRAVEL SURFACING IS REMOVED OR DISTURBED DURING CONSTRUCTION OPERATIONS, REPLACE GRAVEL SURFACING TO MATCH ADJACENT GRAVEL SURFACING AND RESTORED TO THE SAME THICKNESS AND COMPACTION AS SPECIFIED. ALL RESTORED GRAVEL SURFACING SHALL BE FREE FROM CORRUGATIONS AND WAVES.
- EXISTING GRAVEL SURFACING MAY BE EXCAVATED SEPARATELY AND REUSED WITH THE CONDITION THAT ANY UNFAVORABLE AMOUNTS OF ORGANIC MATTER, OR OTHER DELETERIOUS MATERIALS ARE REMOVED PRIOR TO REUSE. FURNISH ANY ADDITIONAL GRAVEL RESURFACING MATERIAL AS NEEDED TO PROVIDE A FULL DEPTH COMPACTED SURFACE THROUGHOUT SITE.
- GRAVEL SUB SURFACE SHALL BE PREPARED TO REQUIRED COMPACTION AND SUB GRADE ELEVATIONS BEFORE GRAVEL SURFACING IS PLACED AND/OR RESTORED. ANY LOOSE OR DISTURBED MATERIALS SHALL BE THOROUGHLY COMPACTED AND ANY DEPRESSIONS IN THE SUB GRADE SHALL BE FILLED AND COMPACTED WITH APPROVED SELECTED MATERIAL. GRAVEL SURFACING MATERIAL SHALL NOT BE USED FOR FILLING DEPRESSIONS IN THE SUB GRADE.
- PROTECT EXISTING GRAVEL SURFACING AND SUB GRADE IN AREAS WHERE EQUIPMENT LOADS WILL OPERATE. USE PLANKING "MATS" OR OTHER SUITABLE PROTECTION DESIGNED TO SPREAD EQUIPMENT LOADS AS MAY BE NECESSARY. REPAIR ANY DAMAGE TO EXISTING GRAVEL SURFACING OR SUB GRADE WHERE SUCH DAMAGE IS DUE TO THE CONTRACTORS OPERATIONS.
- DAMAGE TO EXISTING STRUCTURES AND/OR UTILITIES RESULTING FROM CONTRACTORS NEGLIGENCE SHALL BE REPAIRED AND/OR REPLACED TO THE OWNERS SATISFACTION AT NO ADDITIONAL COST TO THE CONTRACT.
- ALL SUITABLE BORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES AT NO ADDITIONAL COST TO THE CONTRACT.



MOBILITIE, LLC

DRAWN BY:	J.M.G.
DATE:	05/27/2016

REV	DATE	DESCRIPTION	BY
A	05/27/2016	90% CONSTRUCTION	JMG

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE ID:
9UTB000302A
 SITE LOCATION:
 W. MAIN ST. PRICE, UT 84501
 W. MAIN ST. & GOPHER BLVD
NEW UTILITY STEEL POLE

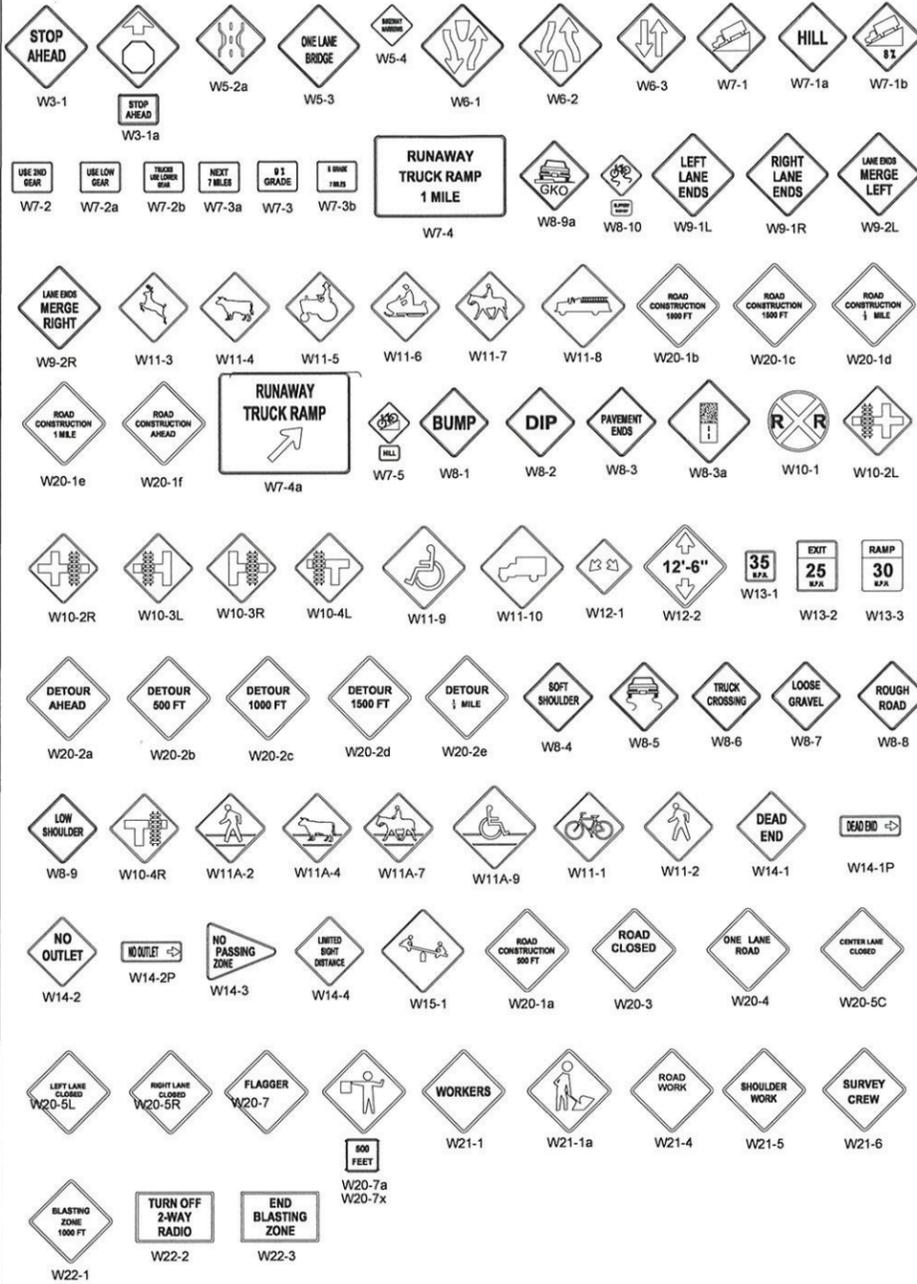
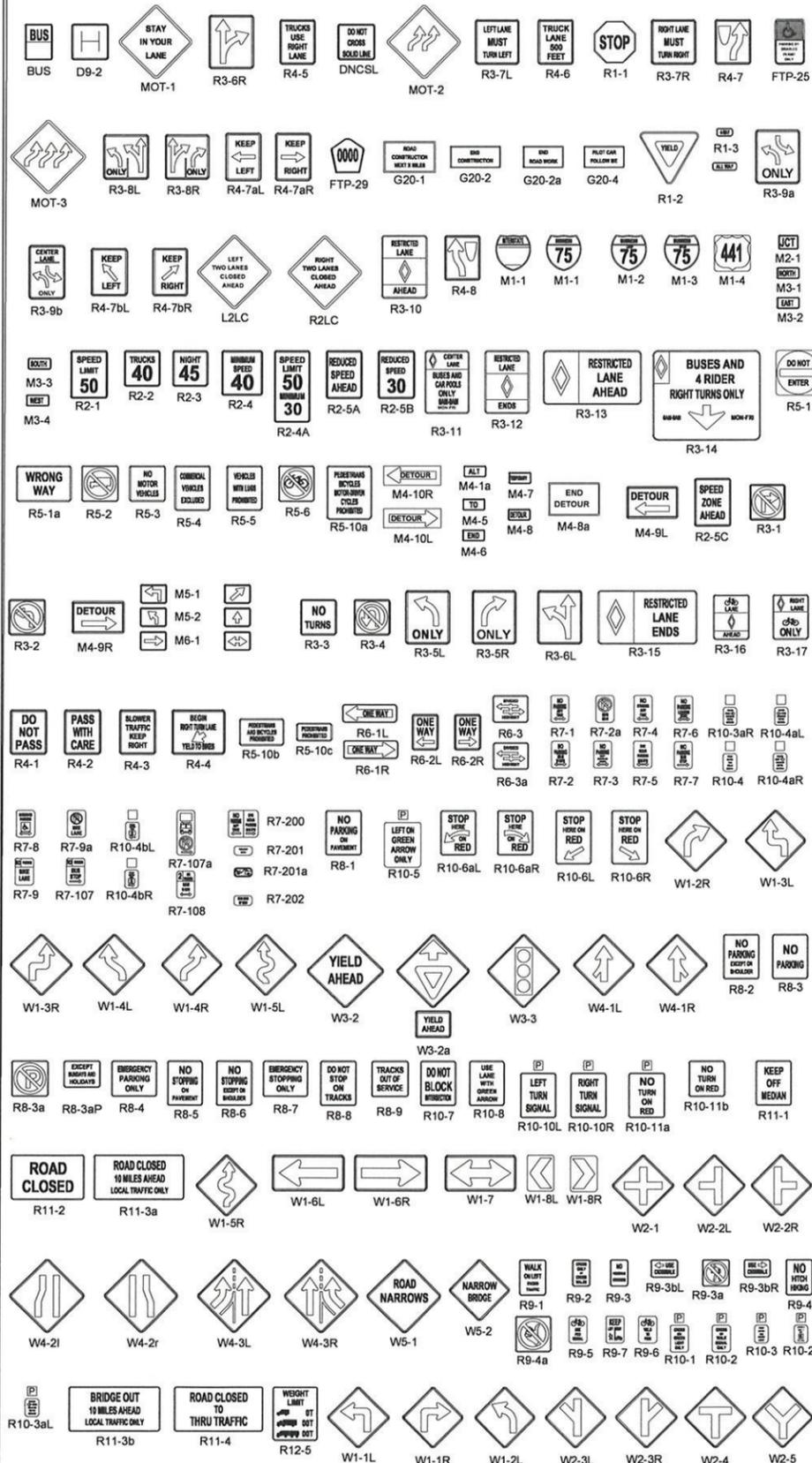
SHEET TITLE
GENERAL NOTES

SHEET NUMBER
T-3

MUTCD 2014 Sign Charts

Sheet 13 of 14 - Temporary Traffic Control Signs

This chart contains commonly used federal 2009 MUTCD sign, and is not meant to be used as a comprehensive sign chart or a stand-alone sign design tool. Otherwise, federal 2009 MUTCD sign designations are shown (formerly known as sign codes).



SIGN LEGEND



MOBILITIE, LLC

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SITE ID:
9UTB000302A
SITE LOCATION:
W. MAIN ST. PRICE, UT 84501
W. MAIN ST. & GOPHER BLVD
NEW UTILITY STEEL POLE

SHEET TITLE
TRAFFIC CONTROL PLAN

SHEET NUMBER
TC-1

DRAWN BY: J.M.G.

DATE: 05/27/2016

REV	DATE	DESCRIPTION	BY
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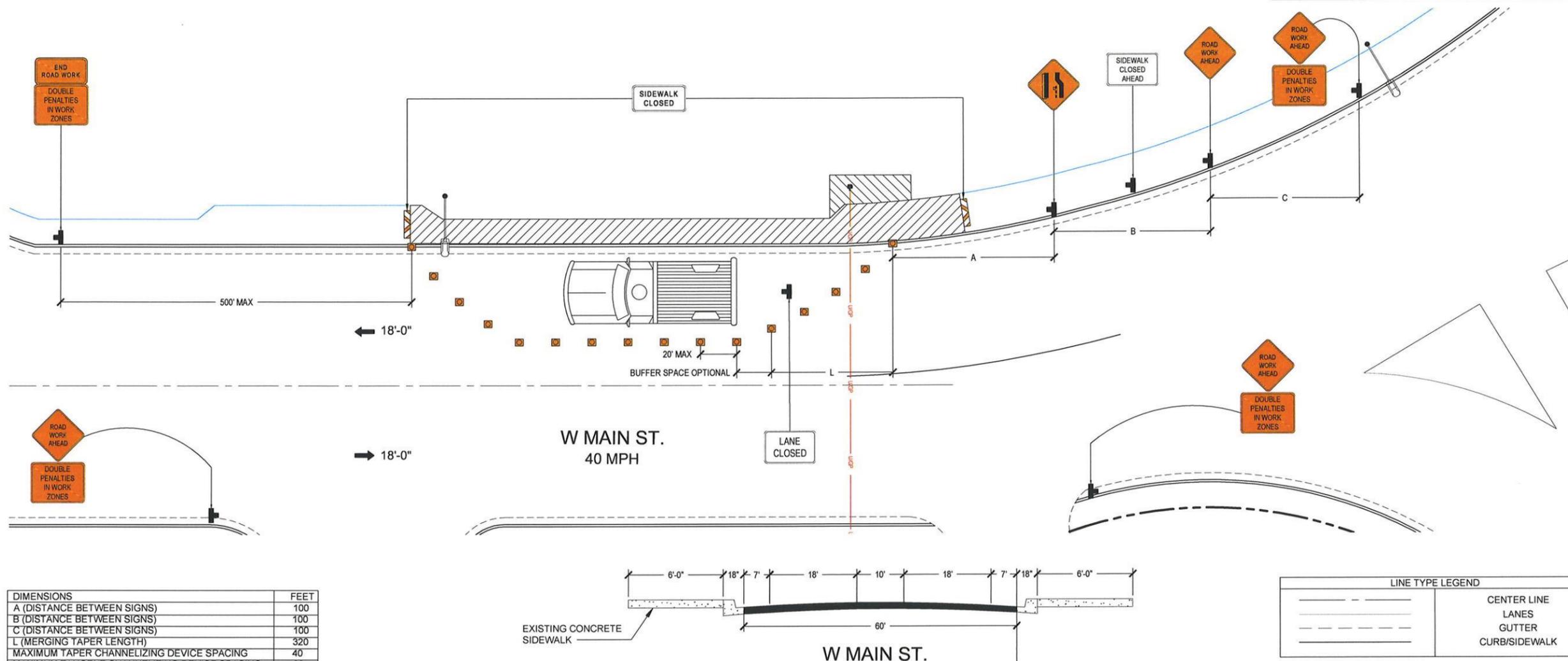
SITE ID:
9UTB000302A
SITE LOCATION:
W. MAIN ST. PRICE, UT 84501
W. MAIN ST. & GOPHER BLVD

NEW UTILITY STEEL POLE

SHEET TITLE
TRAFFIC CONTROL PLAN

SHEET NUMBER
TC-2

HOURS OF OPERATION: 6 A.M. TO 10 P.M.
CROSS STREET: W MAIN ST. & GOPHER BLVD.
WORK TYPE: UTILITIES



DIMENSIONS	FEET
A (DISTANCE BETWEEN SIGNS)	100
B (DISTANCE BETWEEN SIGNS)	100
C (DISTANCE BETWEEN SIGNS)	100
L (MERGING TAPER LENGTH)	320
MAXIMUM TAPER CHANNELIZING DEVICE SPACING	40
MAXIMUM TANGENT CHANNELIZING DEVICE SPACING	80

TRAFFIC CONTROL PLAN

24"x36" SCALE: NTS
11"x17" SCALE: NTS

1

GENERAL NOTES

- Work operations shall be confined to one traffic lane, leaving the opposite lane open to traffic.
- Additional one-way control may be effected by the following means:
 - Flag-carrying vehicle
 - Official vehicle
 - Pilot vehicle
 - Traffic signal
- The "ONE LANE ROAD" signs are to be fully covered and the "FLAGGER" signs either removed or fully covered when no work is being performed and the roadway is open to two-way traffic
- When a side road intersects the roadway within the TTC zone, additional TTC devices shall be placed in accordance with applicable TCZ Indexes.
- The two channelizing devices directly in front of the work area and the one channelizing device directly at the end of the work area may be omitted provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.
- For general TCZ requirements and additional information, refer to MUTCD.

GENERAL NOTES

- RETRO-REFLECTIVE SIGN SHEETING SHALL CONFORM TO SECTION 716, LATEST REVISION, OF THE UNIFORM STANDARD SPECIFICATIONS.
- SIGN LEGENDS AND BORDERS SHALL COMPLY WITH THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
- SIGN SHALL BE MOUNTED IN CONFORMANCE WITH PART 6, MUTCD, LATEST EDITION.
- THE "DOUBLE PENALTIES IN WORK ZONES" SIGN SHOULD BE MOUNTED WITH THE FIRST SIGN IN THE ADVANCED WARNING SIGN SERIES, TYPICALLY THE "ROAD WORK AHEAD" SIGN.
- "END WORK ZONES" SIGN SHALL BE MOUNTED AT THE END OF THE WORK ZONE WITH THE "END DOUBLE PENALTY" SIGN, IF APPLICABLE, ON THE SAME DEVICE OR POST.
- THE DESIGNATION OF WORK ZONE, INCLUDING MARKING OF THE DOUBLE PENALTIES, SHALL NOT BE REQUIRED ON STREETS POSTED AT 25 MPH OR LESS AND ARE THE ACCESS TO OR APPURTENANT TO A RESIDENTIAL AREA.

DURATION NOTES

- "ROAD WORK AHEAD" and the "BE PREPARED TO STOP" signs may be omitted if all of the following conditions are met:
 - Work operations are 60 minutes or less
 - Speed limit is 45 MPH or less
 - No sight obstructions to vehicles approaching the work area for a distance equal to the buffer space
 - Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating
 - Volume and complexity of the roadway has been considered

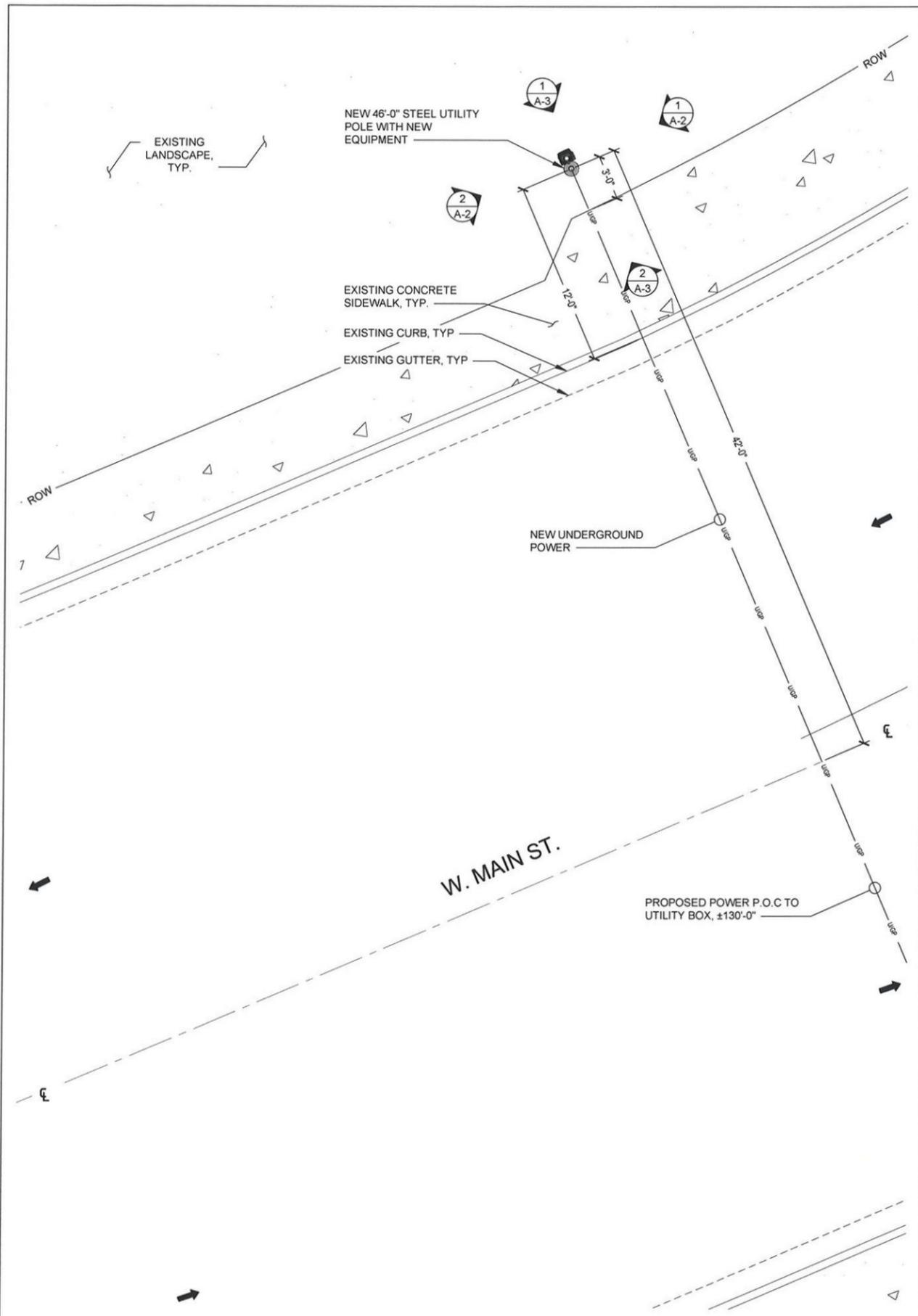
	Arrow board		Work Vehicle
	Arrow board support or trailer (shown facing down)		Sign (shown facing left)
	Changeable message sign or support trailer		Surveyor
	Channelizing device		Temporary barrier
	Crash cushion		Temporary barrier with warning light
	Direction of temporary traffic detour		Traffic or pedestrian signal
	Direction of traffic		Truck-mounted attenuator
	Flagger		Type 3 barricade
	High-level warning device (Flag tree)		Warning light
	Longitudinal channelizing device		Work zone
	Luminaire		Shadow Vehicle
	Pavement marking that should be removed for a long-term project		

GENERAL NOTES

4 DURATION NOTES

3 LEGEND

2

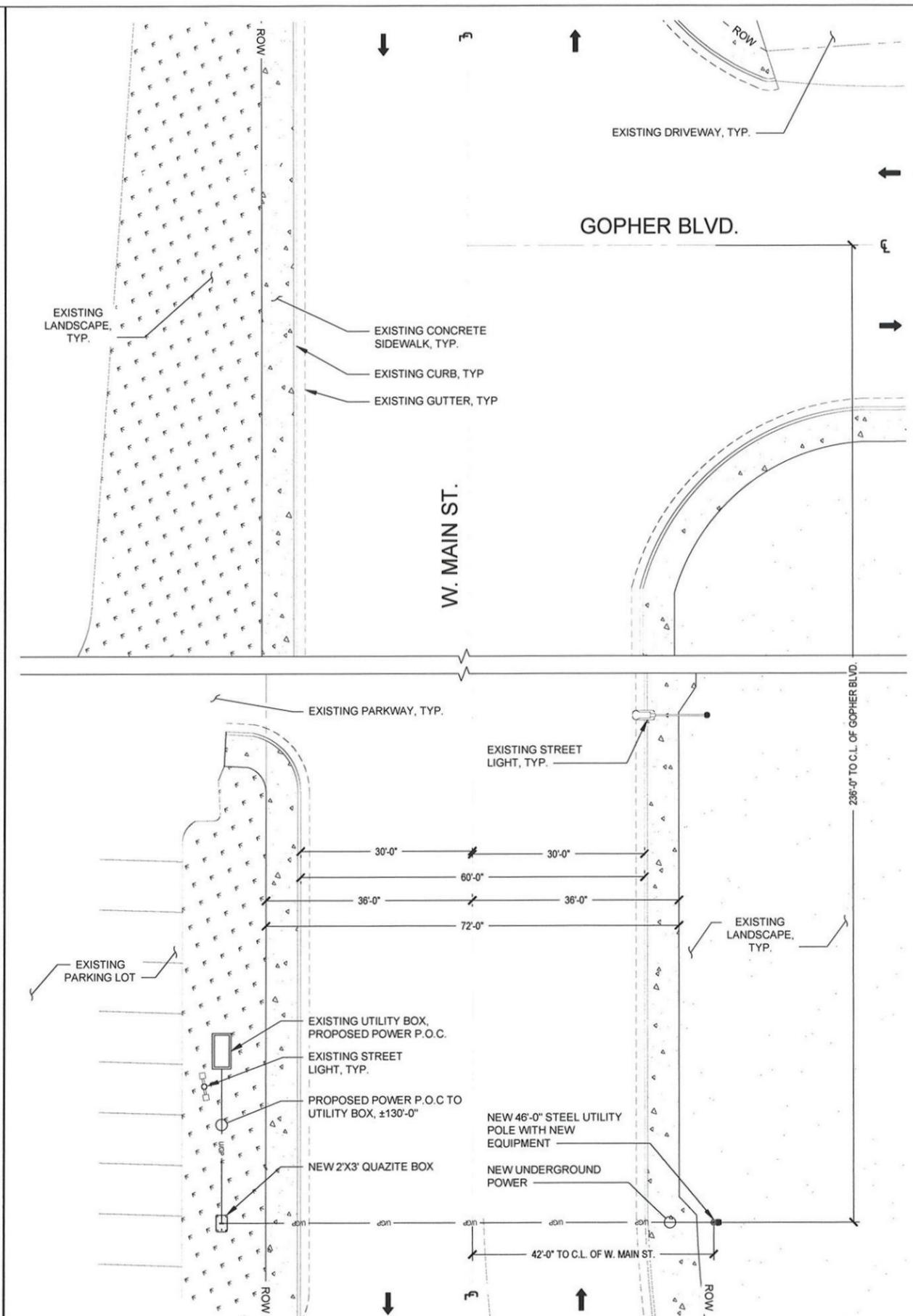


ENLARGED SITE PLAN

24"x36" SCALE: 3/16" = 1'-0"
11"x17" SCALE: 3/32" = 1'-0"



2



SITE PLAN

24"x36" SCALE: 3/32" = 1'-0"
11"x17" SCALE: 3/64" = 1'-0"



1



MOBITIE, LLC

DRAWN BY: J.M.G.
DATE: 05/27/2016

REV	DATE	DESCRIPTION	BY
A	05/27/2016	90% CONSTRUCTION	JMG

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SITE ID:
9UTB000302A
SITE LOCATION:
W. MAIN ST. PRICE, UT 84501
W. MAIN ST. & GOPHER BLVD
NEW UTILITY STEEL POLE

SHEET TITLE
SITE PLANS

SHEET NUMBER
A-1

DRAWN BY: J.M.G.

DATE: 05/27/2016

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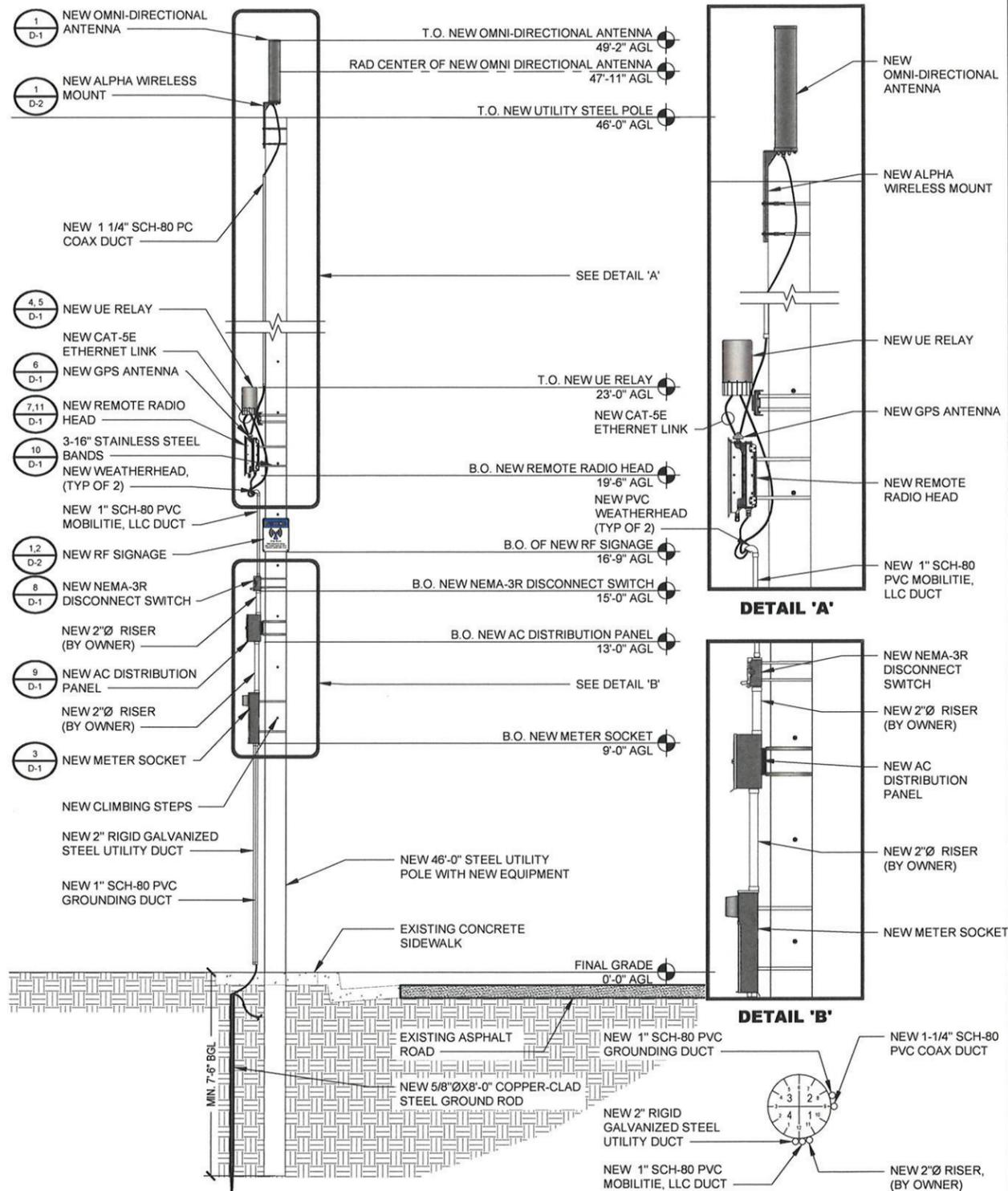
SITE LOCATION
W. MAIN ST. PRICE, UT 84501
W. MAIN ST. & GOPHER BLVD

NEW UTILITY STEEL POLE

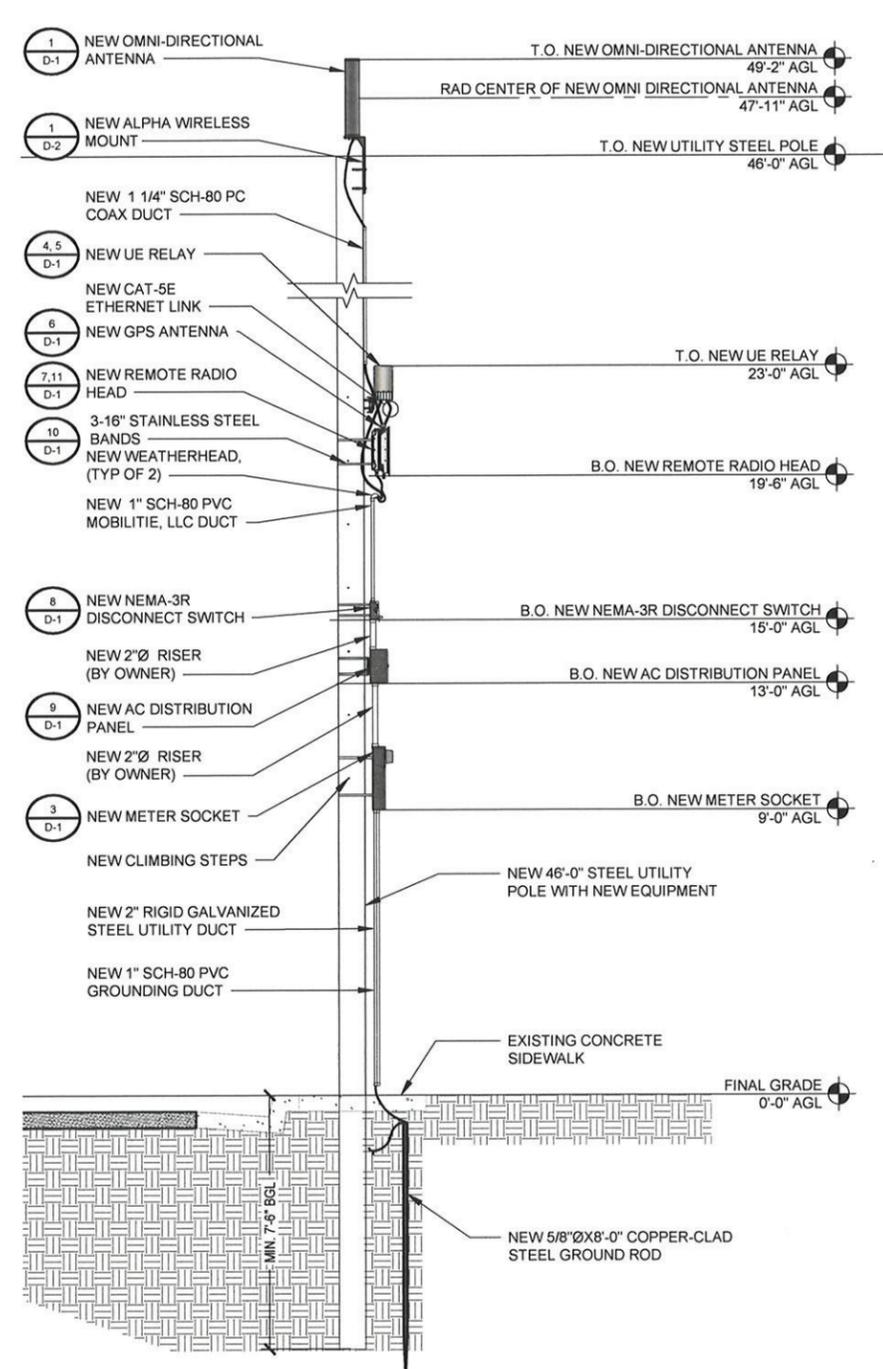
SHEET TITLE
NORTHEAST &
SOUTHWEST
ELEVATIONS

SHEET NUMBER

A-2

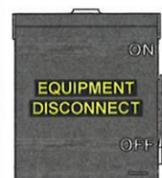


EQUIPMENT CHART				
QUANTITY	DESCRIPTION	CABLE LENGTH	DIMENSIONS (HxWxD)	WEIGHT
1	ALPHA WIRELESS AW3477-S OMNI-DIRECTIONAL ANTENNA	TBD	29.5" X 4.5"	8.8 LBS
1	AIRSPAN IR460 UE RELAY	TBD	7" X 13"	8.8 LBS
1	PCTEL 3971D-DH-W GPS ANTENNA	TBD	2.36" X 2.48"	<.11 LBS
1	AIRSPAN AH 1000D REMOTE RADIO HEAD	TBD	18.9" X 9.6" X 7.48"	34.14 LBS
1	EATON COOPER B-LINE U114B METER SOCKET	TBD	24" X 12" X 4.63"	TBD
1	RAYCAP RSTAC-3111-P120 AC DISTRIBUTION PANEL	TBD	13" X 11.4" X 4.4"	~5 LBS
1	SIEMENS GNF321R NEMA TYPE-3R DISCONNECT SWITCH	TBD	8.25" X 7.68" X 3.125"	24 LBS



MAKE READY NOTES:

- NEW EQUIPMENT TO BE PAINTED TO MATCH SURROUNDING AREA
- FROM TIME TO TIME IT MAY BE NECESSARY TO MAKE MINOR ADJUSTMENTS TO ACCOMMODATE, LEVEL OR SPACE ANTENNA MOUNTS AND EQUIPMENT. EXAMPLE ADDING A WASHER OR SHIM TO LEVEL OUT A BRACKET OR MOUNT TO MEET SPECIFICATIONS. HAVING TO OFFSET OR SPACE A BRACKET OR MOUNT DUE TO FLANGES AND OR OTHER SMALL PROTRUSIONS ON A POLE TOP ASSEMBLY. ANY MATERIALS, NUTS, BOLTS, SHIMS OR SPACERS USED TO ACCOMMODATE ADJUSTMENTS TO ANTENNA MOUNTS AND EQUIPMENT MUST BE PERMANENTLY AFFIXED, BOLTED TO THE MOUNT, BRACKET OR POLE; AS NEVER TO BECOME A FALL HAZARD. ALL MATERIALS NUTS, BOLTS, SHIMS OR SPACERS USED IN MINOR ADJUSTMENTS, MUST BE EITHER STAINLESS STEEL OR GALVANIZED; HALF WASHERS ARE PROHIBITED. ANY MINOR ADJUSTMENTS TO ACCOMMODATE ANTENNA MOUNTS AND EQUIPMENT SHOULD BE DONE IN A PROFESSIONAL MANNER WITH SAFETY AND AESTHETICS IN MIND. SHOULD YOU HAVE ANY QUESTIONS CONTACT YOUR ASSIGNED CONSTRUCTION PROJECT MANAGER OR ENGINEER FOR GUIDANCE.



FRONT PANEL
INNER PANEL
DISCONNECT SWITCH PANEL DETAILS

SITE ID: 9UTB000302
W. MAIN ST.
CONTACT EQUIPMENT OWNER 24 HOURS
PRIOR TO SHUTDOWN AT
1-800-123-4567
CONTACT EQUIPMENT OWNER UPON
COMPLETION OF WORK. RESURGENCE
WITH PRIOR WRITTEN CONSENT OF
OWNER ONLY.
MINIMUM APPROACH DISTANCE TO
PRIMARY ANTENNA 1.5 FT.
SECONDARY ANTENNA 3.3 FT.

DRAWN BY:	J.M.G.
DATE:	05/27/2016

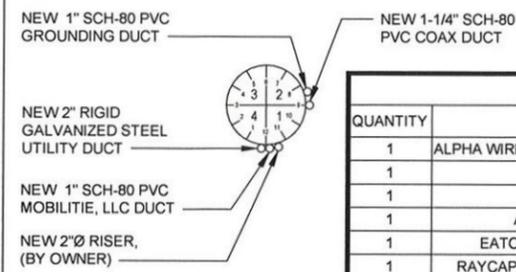
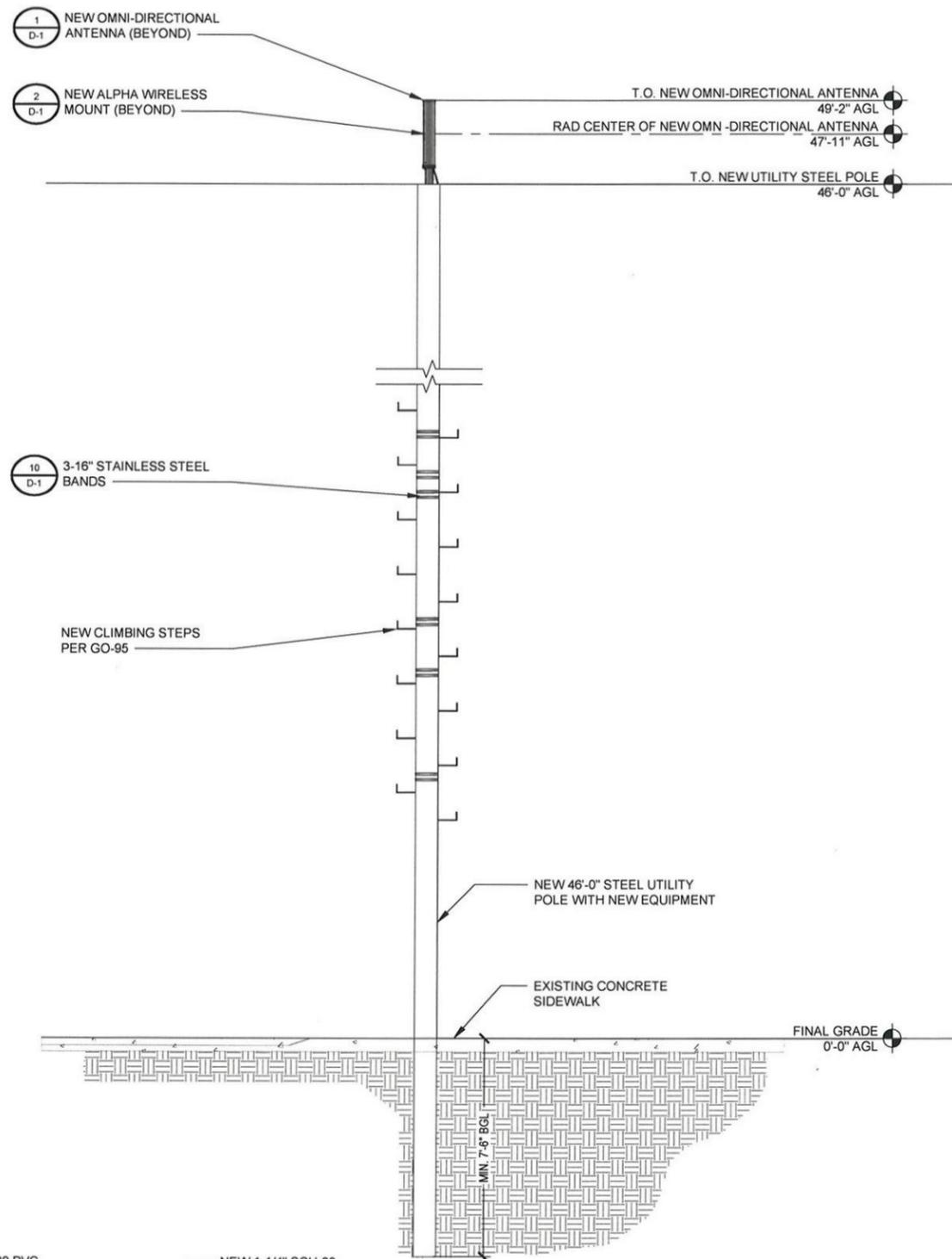
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SITE ID:
9UTB000302A
SITE LOCATION:
W. MAIN ST. PRICE, UT 84501
W. MAIN ST. & GOPHER BLVD
NEW UTILITY STEEL POLE

SHEET TITLE
NORTHWEST &
SOUTHEAST
ELEVATIONS

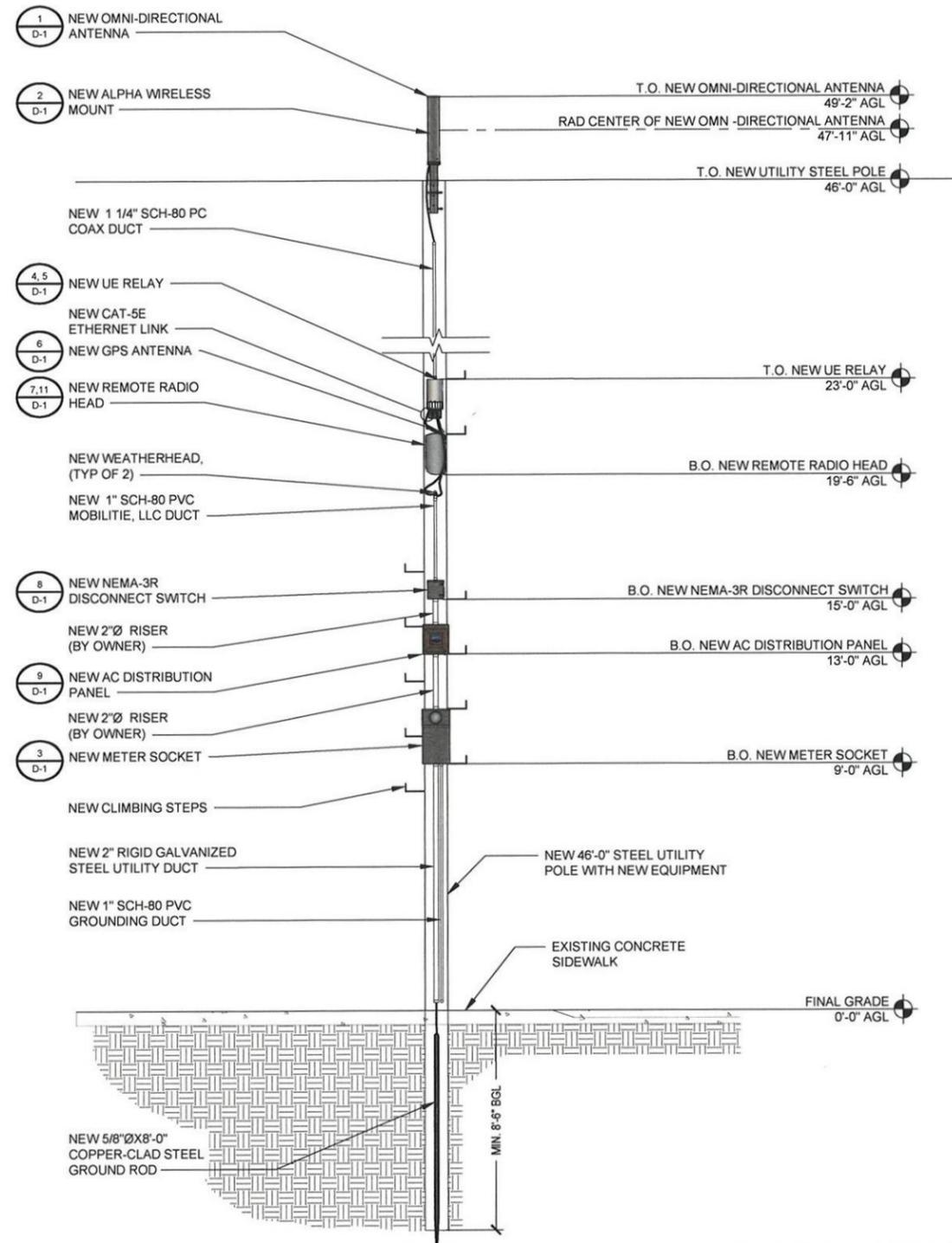
SHEET NUMBER
A-3



EQUIPMENT CHART				
QUANTITY	DESCRIPTION	CABLE LENGTH	DIMENSIONS (HxWxD)	WEIGHT
1	ALPHA WIRELESS AW3477-S OMNI-DIRECTIONAL ANTENNA	TBD	29.5" X 4.5"Ø	8.8 LBS
1	AIRSPAN IR460 UE RELAY	TBD	7"Ø X 13"	8.8 LBS
1	PCTEL 3971D-DH-W GPS ANTENNA	TBD	2.36"Ø X 2.48"	<.11 LBS
1	AIRSPAN AH 1000D REMOTE RADIO HEAD	TBD	18.9" X 9.6" X 7.48"	34.14 LBS
1	EATON COOPER B-LINE U114B METER SOCKET	TBD	24" X 12" X 4.63"	TBD
1	RAYCAP RSTAC-3111-P120 AC DISTRIBUTION PANEL	TBD	13" X 11.4" X 4.4"	~5 LBS
1	SIEMENS GNF321R NEMA TYPE-3R DISCONNECT SWITCH	TBD	8.25" X 7.68" X 3.125"	24 LBS

NEW SOUTHEAST ELEVATION

24"x36" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"



MAKE READY NOTES:

1. NEW EQUIPMENT TO BE PAINTED TO MATCH SURROUNDING AREA
2. FROM TIME TO TIME IT MAY BE NECESSARY TO MAKE MINOR ADJUSTMENTS TO ACCOMMODATE, LEVEL OR SPACE ANTENNA MOUNTS AND EQUIPMENT. EXAMPLE ADDING A WASHER OR SHIM TO LEVEL OUT A BRACKET OR MOUNT TO MEET SPECIFICATIONS. HAVING TO OFFSET OR SPACE A BRACKET OR MOUNT DUE TO FLANGES AND OR OTHER SMALL PROTRUSIONS ON A POLE TOP ASSEMBLY. ANY MATERIALS, NUTS, BOLTS, SHIMS OR SPACERS USED TO ACCOMMODATE ADJUSTMENTS TO ANTENNA MOUNTS AND EQUIPMENT MUST BE PERMANENTLY AFFIXED, BOLTED TO THE MOUNT, BRACKET OR POLE; AS NEVER TO BECOME A FALL HAZARD. ALL MATERIALS NUTS, BOLTS, SHIMS OR SPACERS USED IN MINOR ADJUSTMENTS, MUST BE EITHER STAINLESS STEEL OR GALVANIZED; HALF WASHERS ARE PROHIBITED. ANY MINOR ADJUSTMENTS TO ACCOMMODATE ANTENNA MOUNTS AND EQUIPMENT SHOULD BE DONE IN A PROFESSIONAL MANOR WITH SAFETY AND AESTHETICS IN MIND. SHOULD YOU HAVE ANY QUESTIONS CONTACT YOUR ASSIGNED CONSTRUCTION PROJECT MANAGER OR ENGINEER FOR GUIDANCE.

NEW NORTHWEST ELEVATION

24"x36" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"

Ear-Lokt Buckle
Use double wrapped band clamp applied with G40269 tool for maximum strength and holding power.
D51089 D51289, D51389
- Use G43099 Band - Use G43299 Band
- Use G44099 Buckle - Use G44299 Buckle

Bolt Clamp - See installation instructions P07387
D51089 D51289, D51389
- Use G43099 Band - Use G43299 Band
- Use D50089 Bolt Clamp - Use D50489 Bolt Clamp

MANUFACTURER: AIRSPAN
MODEL: AH 1000D (OR APPROVED EQUAL)
HEIGHT: 18.9 IN
WIDTH: 9.6 IN
DEPTH: 7.48 IN
WEIGHT: 34.14 LBS
MOUNT WEIGHT: 2.04 LBS

PLAN
BACK FRONT SIDE

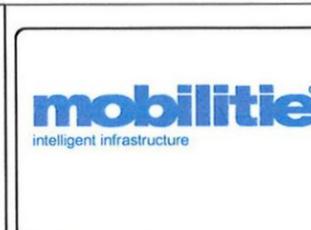
AC/DC CONVERTER
NEW GPS PER MANUFACTURER'S APPROVED SPECS

MANUFACTURER: AIRSPAN
MODEL: IR460 (OR APPROVED EQUAL)
HEIGHT: 13 IN
DIAMETER: 7 IN Ø
DEPTH: 7 IN
WEIGHT: 8.8 LBS

TOP FRONT
ISOMETRIC VIEW TOP FRONT SIDE

MANUFACTURER: ALPHA WIRELESS
MODEL: AW3477-S
HEIGHT: 29.5 IN
DIAMETER: 4.5 IN Ø
WEIGHT: 8.8 LBS
MOUNT WEIGHT: 1.1 LB

SIDE FRONT PLAN BOTTOM



MOBILITIE, LLC

DRAWN BY: J.M.G.
DATE: 05/27/2016

STAINLESS STEEL BANDS SCALE N.T.S. **10**

REMOTE RADIO HEAD SCALE N.T.S. **7**

UE RELAY SCALE N.T.S. **4**

OMNI-DIRECTIONAL ANTENNA SCALE N.T.S. **1**

REV	DATE	DESCRIPTION	BY
A	05/27/2016	90% CONSTRUCTION	JMG

MANUFACTURER: AIRSPAN
PART#: 402-00-230 (OR APPROVED EQUAL)
HEIGHT: 16.7 IN
WIDTH: 5.4 IN
DEPTH: 2.9 IN
WEIGHT: 2 LBS

RRH W/ AC/DC CONVERTER
POLE CLAMP

FRONT SIDE PLAN

MANUFACTURER: SIEMENS
MODEL: GNF321R TYPE-3R DISCONNECT (OR APPROVED EQUAL)
HEIGHT: 9.9 IN
WIDTH: 8.8 IN
DEPTH: 4.5 IN
WEIGHT: 24 LBS

PLAN FRONT SIDE

MANUFACTURER: VALMONT
MODEL: CLH (OR APPROVED EQUAL)
HEIGHT: 4 IN
WIDTH: 3 IN Ø
DEPTH: 1 IN
WEIGHT: <0.1 LBS EA

(N) 1" STAINLESS STEEL CLAMP BAND
(N) VALMONT CLAMP HEADS; PART # CLH
(E) STREET LIGHT POLE

SIDE FRONT PLAN
(N) 1" STAINLESS STEEL CLAMP BAND
(N) VALMONT CLAMP HEADS; PART # CLH
(E) STREET LIGHT POLE

MANUFACTURER: ALPHA WIRELESS
MODEL: AW3477-S PTM (OR APPROVED EQUAL)
HEIGHT: 21.5 IN
WIDTH: 3.15 IN
DEPTH: 7.16 IN
WEIGHT: 1.1 LB

PLAN FRONT SIDE

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AIRSPAN POLE MOUNTING SCALE N.T.S. **11**

NEMA-3R DISCONNECT SWITCH SCALE N.T.S. **8**

STEEL CLAMP HEAD SCALE N.T.S. **5**

POLE-TOP MOUNT SCALE N.T.S. **2**

SITE ID:
9UTB000302A
SITE LOCATION:
W. MAIN ST. PRICE, UT 84501
W. MAIN ST. & GOPHER BLVD
NEW UTILITY STEEL POLE

FRONT SIDE PLAN

MANUFACTURER: RAYCAP
MODEL: RSTAC-3111-P-120
HEIGHT: 13.1 IN
WIDTH: 11.4 IN
DEPTH: 4.4 IN
WEIGHT: 8 LBS

PLAN FRONT BOTTOM FRONT OPEN

MANUFACTURER: PCTEL
MODEL: 3971D-DH-W (OR APPROVED EQUAL)
HEIGHT: 2.48 IN
DIAMETER: 2.36 IN
WEIGHT: 0.11 LB

PLAN ELEVATION BOTTOM ELEVATION ATTACHMENT

MANUFACTURER: EATON
MODEL: U114TB (OR APPROVED EQUAL)
HEIGHT: 24 IN
WIDTH: 12 IN
DEPTH: 4.63 IN
WEIGHT: 21 LBS

PLAN ELEVATION SIDE

SHEET TITLE
DETAILS

SHEET NUMBER
D-1

AIRSPAN POLE MOUNTING SCALE N.T.S. **11**

AC DISTRIBUTION PANEL SCALE N.T.S. **9**

GPS ANTENNA SCALE N.T.S. **6**

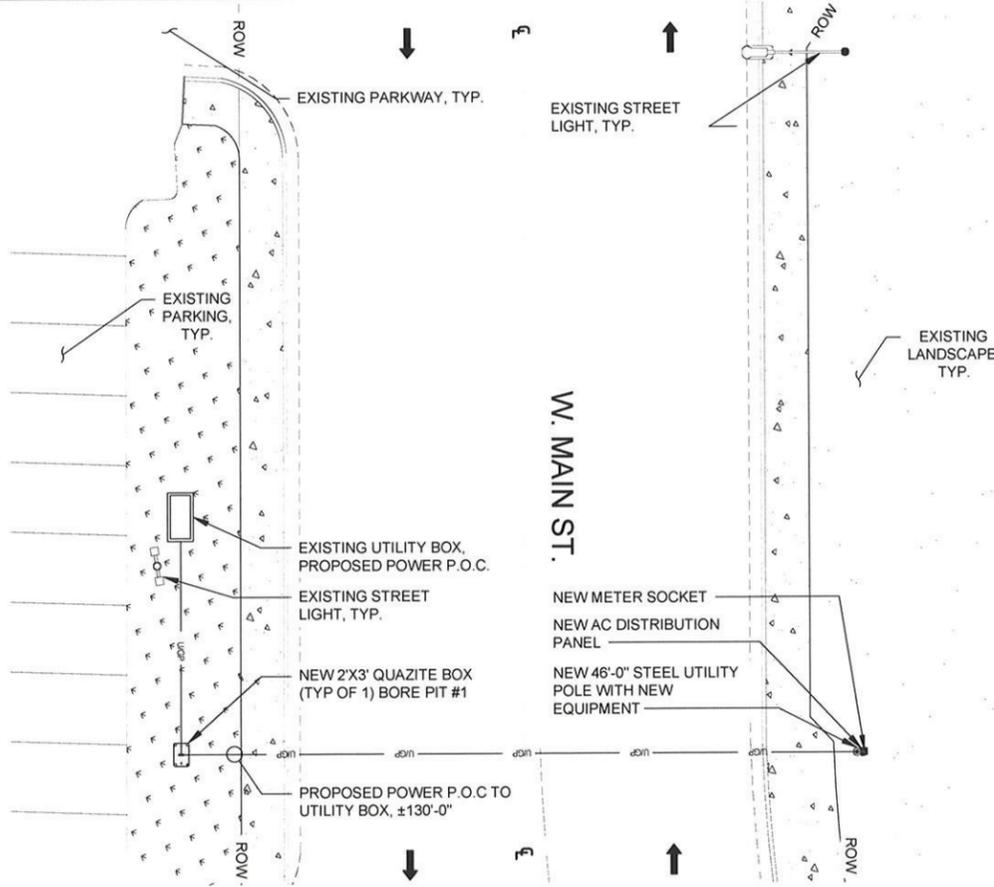
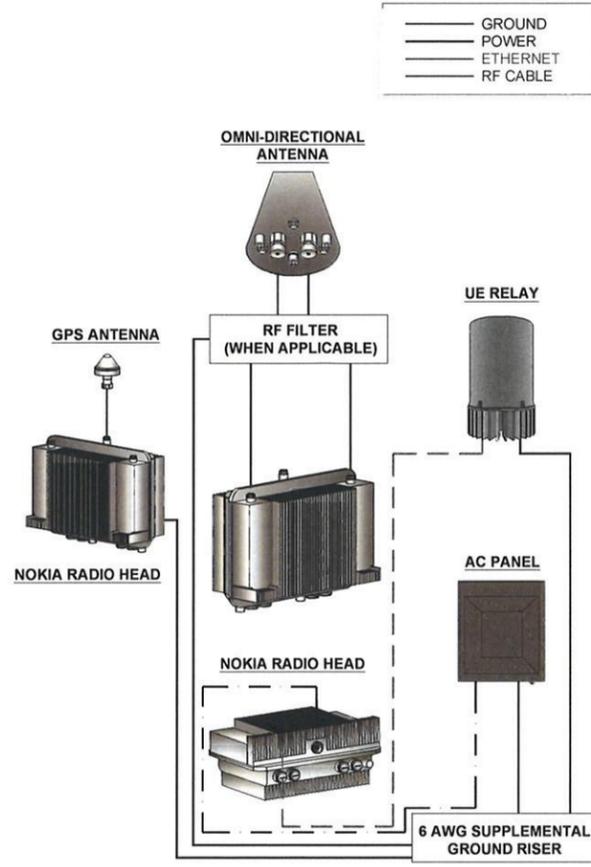
METER SOCKET SCALE N.T.S. **3**

			 <p>OWNER / OPERATOR NOTE: SITE ID LABEL TO BE AFFIXED WITH TZ6S241 LABELING TAPE OR EQUIVALENT BLACK ON WHITE LABELING TAPE OF AT LEAST 18mm WIDTH WITH EXTRA-STRENGTH ADHESIVE. USE ANY COMPATIBLE P-TOUCH LABEL MAKER. TEXT SHOULD BE PRINTED IN ALL CAPS WITH A MINIMUM HEIGHT OF 1/2".</p>	 <p>MOBILITIE, LLC</p> <p>DRAWN BY: J.M.G. DATE: 05/27/2016</p> <table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>05/27/2016</td> <td>90% CONSTRUCTION</td> <td>JMG</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	REV	DATE	DESCRIPTION	BY	A	05/27/2016	90% CONSTRUCTION	JMG																																				
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NOT USED	NOT USED	NOT USED	EMERGENCY CONTACT SIGN	SCALE N.T.S. 1																																												
			 <p>ANTENNA SIGNAGE: ON WOOD POLES - SIGN ON ALUMINUM WITH SS SCREW TO THE POLE ON METAL POLES - ADHESIVE VINYL OR PLACARD STRAPPED WITH SS TIES ON CONCRETE / COMPOSITE - PLACARD STRAPPED WITH SS TIES</p> <p>SIGN PLACEMENT: AFFIX TO THE STRUCTURE 3-4' BELOW THE COMMERCIAL RF ANTENNA(S) SIZE APPROX. 8" x 5.5"</p>	<p>IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.</p> <p>SITE ID: 9UTB000302A SITE LOCATION: W. MAIN ST. PRICE, UT 84501 W. MAIN ST. & GOPHER BLVD NEW UTILITY STEEL POLE</p> <p>SHEET TITLE DETAILS</p> <p>SHEET NUMBER D-2</p>																																												
NOT USED	NOT USED	NOT USED	ANTENNA SIGNAGE	SCALE N.T.S. 2																																												
NOT USED	NOT USED	NOT USED	NOT USED	SCALE N.T.S. 3																																												

DRAWN BY: J.M.G.

DATE: 05/27/2016

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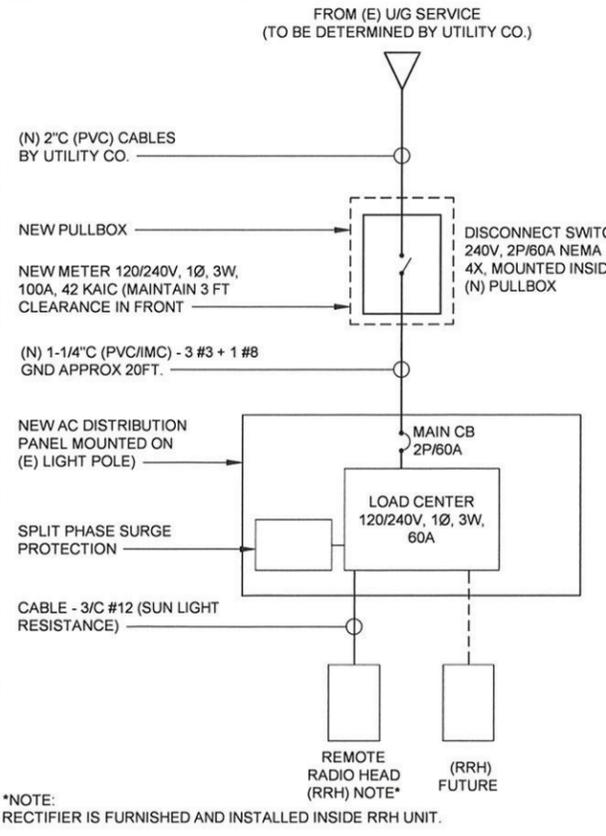


WIRING DIAGRAM

SCALE: N.T.S.

UTILITY PLAN

24"x36" SCALE: 3/32" = 1'-0"
 11"x17" SCALE: 3/64" = 1'-0"



ONE-LINE DIAGRAM

24"x36" SCALE: NTS
 11"x17" SCALE: NTS

VOLTAGE: 120/240V, 1 PHASE, 3W, 100A, 10KAIC
 MAIN CB: 2P/60A
 LOCATION: MOUNTED ON LIGHT POLE
 NEMA: 3R

VOLT AMPS		DESCRIPTION	POLE	BKR	CKT	PHASE		POLE	DESCRIPTION	VOLT AMPS	
A	B					A	B			A	B
1200	-	RECTIFIER 1	1	15	1	A	2	60	2	MAIN CB	-
-	1200	RECTIFIER 2 (FUTURE)	1	15	3	B	4	-	-	-	-
-	-	SPARE	1	15	5	A	6	20	1	G.F.I.	360
1200	1200					VA/LINE					360

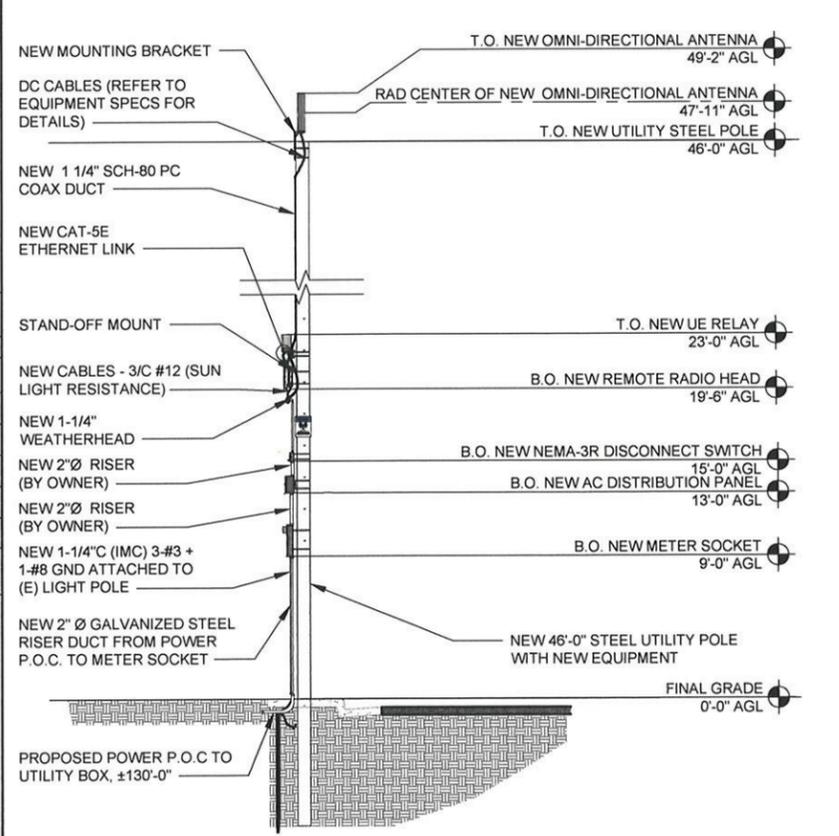
PHASE A = 1,560
 PHASE A = 1,200

CONNECTED LOAD = 2,760 VA
 DESIGN AMP. = 11.5A

NOTE: RECTIFIER (AC/DC CONVERTER) IS FURNISHED AND INSTALLED INSIDE REMOTE RADIO HEAD (RRH)

POLE INFORMATION / NEW PANEL SCHEDULE

24"x36" SCALE: NTS
 11"x17" SCALE: NTS



UTILITY ELEVATION

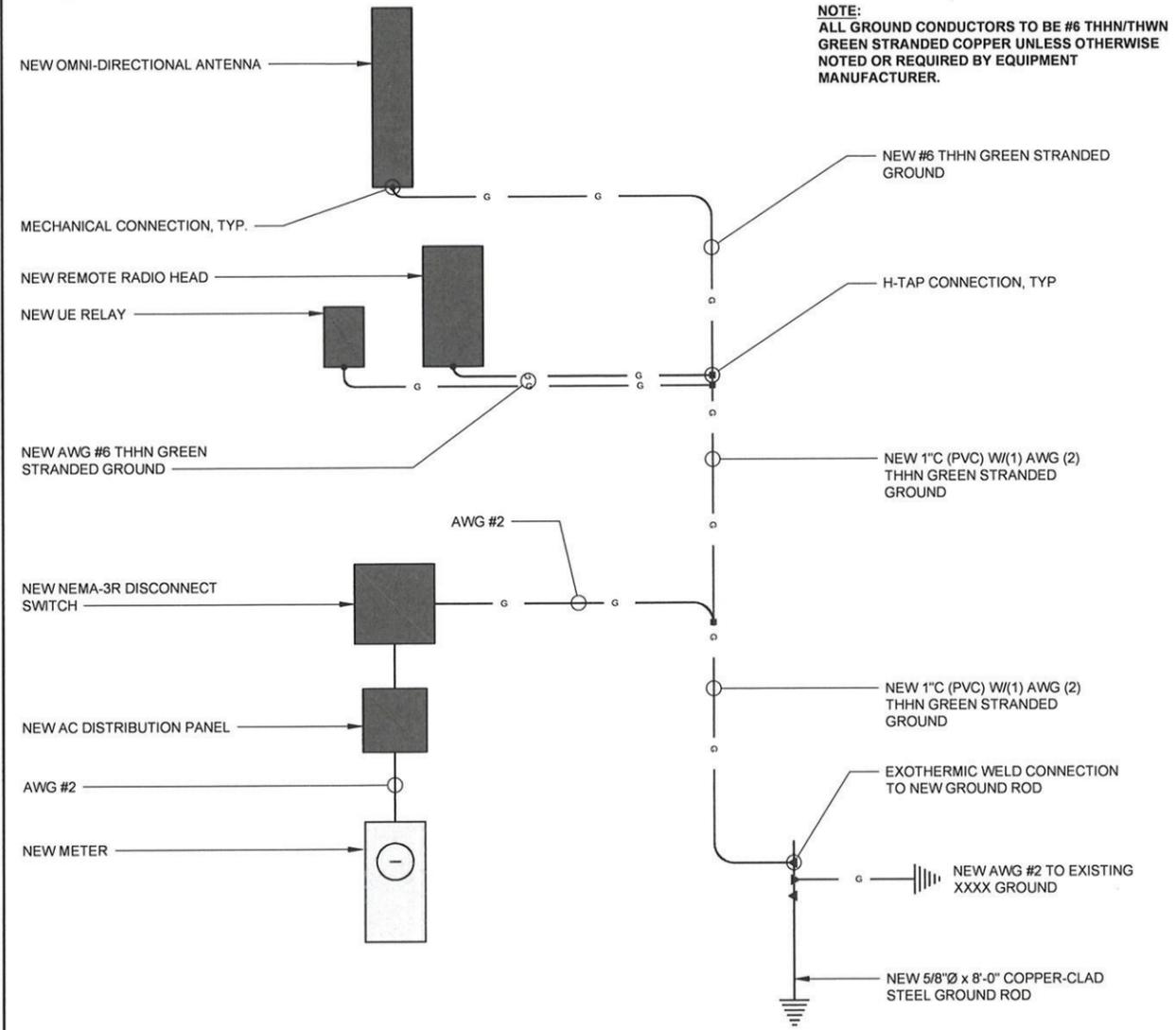
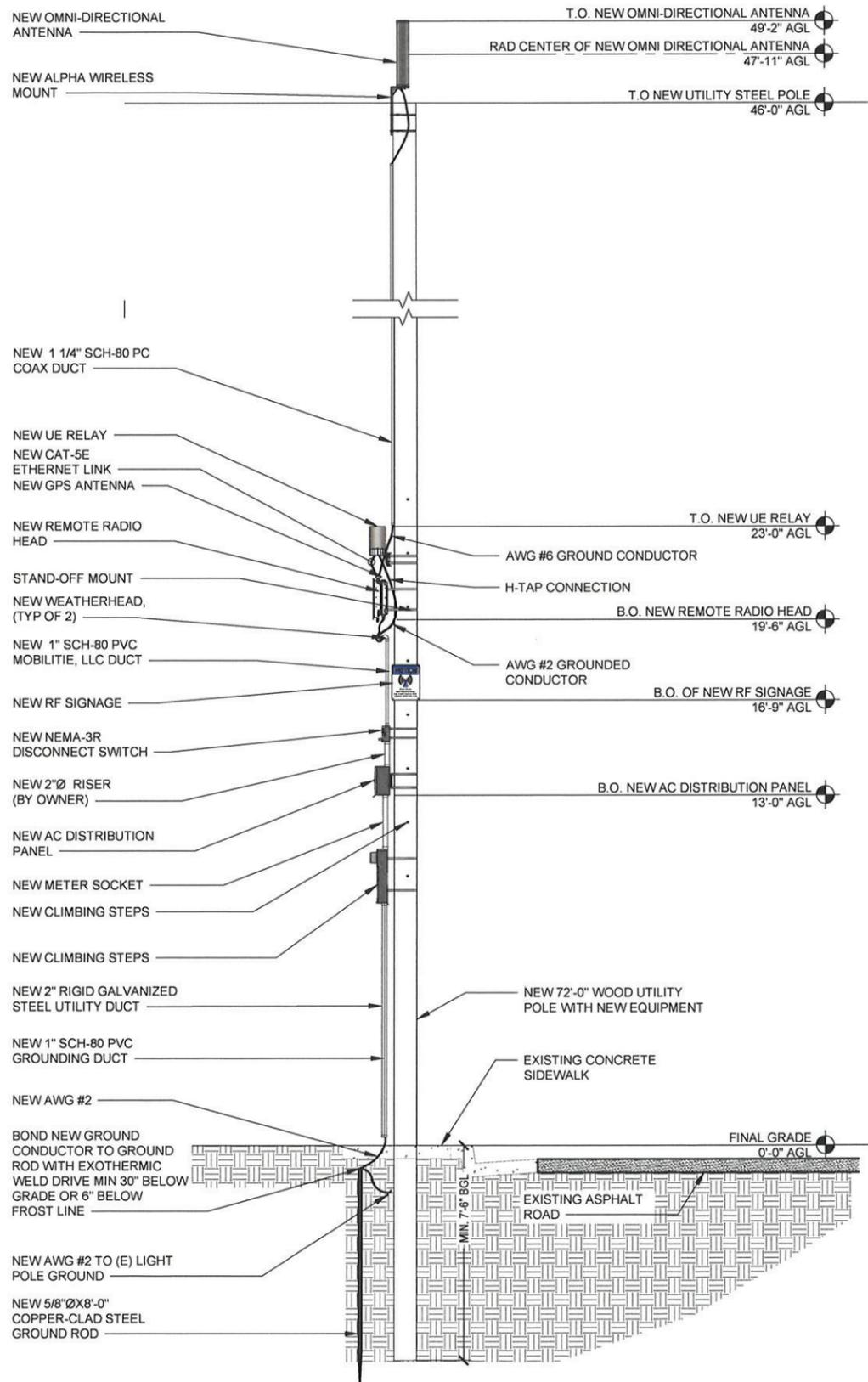
24"x36" SCALE: 3/16" = 1'-0"
 11"x17" SCALE: 3/32" = 1'-0"

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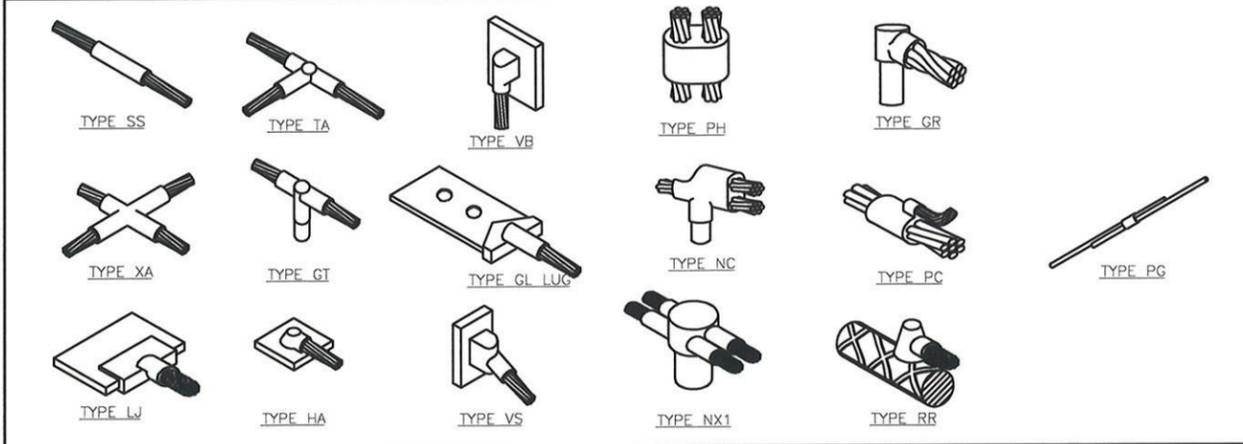
SITE ID:
 9UTB000302A
 SITE LOCATION:
 W. MAIN ST. PRICE, UT 84501
 W. MAIN ST. & GOPHER BLVD
NEW UTILITY STEEL POLE

SHEET TITLE
 ELECTRICAL PLAN

SHEET NUMBER
 E-1



GROUNDING SCHEMATIC 24"x36" SCALE: NTS 11"x17" SCALE: NTS **1**



TYPICAL CADWELD TYPES 24"x36" SCALE: NTS 11"x17" SCALE: NTS **2**

- GROUNDING NOTES**
- GROUND BONDS:** ALL BONDS ARE TO BE MADE WITH #6 AWG STRANDED COPPER IN GREEN INSULATION. (ATT-TP-76416 7, 6.7)
 - EXTERIOR UNIT BONDS:** ALL METALLIC OBJECTS SHALL BE BONDED TO THE GROUND ROD. (ATT-TP-76416 7, 12.6)
 - GROUND ROD:** UL LISTED COPPER CLAD STEEL GROUND ROD WITH MINIMUM DIAMETER OF 5/8" AND MINIMUM LENGTH OF 8 FEET. ALL GROUND RODS MAY BE INSTALLED WITH INSPECTION SLEEVES. GROUND RODS SHALL BE DRIVEN TO A MINIMUM DEPTH OF 30" BELOW GRADE OR 6 INCHES BELOW FROST LINE. (ATT-TP-76416 1.4 / 2.2, 3, 10)

GROUNDING NOTES 24"x36" SCALE: 3/8" = 1'-0" 11"x17" SCALE: 3/16" = 1'-0" **4**



MOBILITIE, LLC

DRAWN BY: J.M.G.
DATE: 05/27/2016

REV	DATE	DESCRIPTION	BY
A	05/27/2016	90% CONSTRUCTION	JMG

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SITE ID:
9UTB000302A
SITE LOCATION:
W. MAIN ST. PRICE, UT 84501
W. MAIN ST. & GOPHER BLVD
NEW UTILITY STEEL POLE

SHEET TITLE
GROUNDING PLAN

SHEET NUMBER
G-1

GROUNDING SCHEMATIC 24"x36" SCALE: 3/8" = 1'-0" 11"x17" SCALE: 3/16" = 1'-0" **4**



SITE ID: 9UTB000533B

**SITE LOCATION:
4TH N. STREEET PRICE, UT 84501
4TH N. ST. & N. 100 E.**

NEW UTILITY WOOD POLE



MOBILITIE, LLC

DRAWN BY:	CB
DATE:	05/30/2016

REV	DATE	DESCRIPTION	BY
A	05/30/2016	90% CONSTRUCTION	CB

GENERAL NOTES

THE FACILITY IS NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE, NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS NEW.

SITE INFORMATION

APPLICANT: MOBILITIE, LLC
 APPLICANT ADDRESS: 2955 RED HILL AVENUE, STE. 200, COSTA MESA, CA 9262
 APPLICANT CONTACT: GEORGE CRAIN
 APPLICANT PHONE: (801) 884-3673
 EMAIL: george.crain@mobilitie.com
 PUBLIC ROW/Private PROPERTY: PUBLIC ROW
 NEAREST ADDRESS: 4TH N. STREEET Price, UT 84501
 NEAREST APN(S): 01-1790-000X
 SITE LATITUDE: 39°36'19.0"N N (39.60527)
 SITE LONGITUDE: -110°46'35.8"W (-110.809949)
 GIS TYPE: CA83VF (NAD83)
 GROUND ELEVATION: ±5623 AMSL
 COUNTY: CARBON COUNTY
 JURISDICTION: CITY OF PRICE

DO NOT SCALE DRAWINGS

SUBCONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & FIELD CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

LOCATION MAPS

VICINITY MAP

SITE LOCATION

PROJECT DESCRIPTION

MOBILITIE, LLC PROPOSES TO CONSTRUCT A NEW SMALL CELL SITE WITHIN AN EXISTING RIGHT OF WAY. THE SCOPE WILL CONSIST OF THE FOLLOWING:

- INSTALL ONE (1) PROPOSED 35'-0" UTILITY WOOD POLE
- INSTALL ONE (1) OMNI-DIRECTIONAL ANTENNA
- INSTALL ONE (1) UE RELAY
- INSTALL ONE (1) GPS ANTENNA
- INSTALL ONE (1) REMOTE RADIO HEAD
- INSTALL ONE (1) AC DISTRIBUTION PANEL
- INSTALL ONE (1) METER SOCKET
- INSTALL ONE (1) NEMA 3R DISCONNECT SWITCH
- INSTALL ONE (1) 2X3' QUARTZITE BOX

ENGINEERING

- 2012 INTERNATIONAL BUILDING CODE
- 2014 NATIONAL ELECTRICAL CODE
- TIA/EIA-222-G-2 OR LATEST EDITION
- LOCAL BUILDING/PLANNING CODE

DRAWING INDEX

SHEET NO.	SHEET TITLE
T-1	TITLE SHEET
T-2	GENERAL NOTES
T-3	GENERAL NOTES
TC-1	TRAFFIC CONTROL PLANS
TC-2	TRAFFIC CONTROL PLANS
A-1	SITE PLANS
A-2	NORTHEAST & SOUTHWEST ELEVATIONS
A-3	NORTHWEST & SOUTHEAST ELEVATIONS
D-1	DETAILS
D-2	DETAILS
E-1	ELECTRICAL PLAN
G-1	GROUNDING PLAN

DESIGN TEAM

MOBILITIE, LLC
 2955 RED HILL AVENUE, STE. 200,
 COSTA MESA, CA 92626
 PM. SYLVETTE CUEZON
 PHONE: (562) 202-0165
 EMAIL: sylvette.cuezon@mobilitie.com



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**SITE ID:
9UTB000533B**

SITE LOCATION:
4TH N. STREEET PRICE, UT 84501
4TH N. ST. & N. 100 E.

NEW UTILITY WOOD POLE

**SHEET TITLE
TITLE SHEET**

**SHEET NUMBER
T-1**

GENERAL CONSTRUCTION NOTES

- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE LOCAL BUILDING CODE, THE LATEST EDITION AND ALL OTHER APPLICABLE CODES AND ORDINANCES.
- CONTRACTOR SHALL CONSTRUCT SITE IN ACCORDANCE WITH THESE DRAWINGS AND CONSTRUCTION SPECIFICATIONS 80-11196-1 REV H. THE SPECIFICATION IS THE RULING DOCUMENT AND ANY DISCREPANCIES BETWEEN THE SPECIFICATION AND THESE DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION
- CONTRACTOR SHALL VISIT THE JOB SITE AND SHALL FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PROVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK. NO COMPENSATION WILL BE AWARDED BASED ON CLAIM OF LACK OF KNOWLEDGE OF FIELD CONDITIONS
- PLANS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY UNLESS OTHERWISE NOTED. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT AND APPURTENANCES, AND LABOR NECESSARY TO EFFECT ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS. OWNER PROVIDED MATERIALS WILL INCLUDE THE FOLLOWING, UNLESS NOTED OTHERWISE:
 A) TRANSMITTER
 B) RF FILTER
 C) HOSE AND HOSE MANIFOLDS (ANY COPPER OR STEEL SECTIONS PROVIDE BY CONTRACTOR)
 D) UHF ANTENNA AND MOUNTING BRACKETS, GPS ANTENNAS AND KU ANTENNAS
 E) UHF COAX AND HANGERS
 F) 480-208 & 208-400 ELECTRICAL TRANSFORMERS (RE: E-2 FOR SPECIALIZED TRANSFORMERS PROVIDED BY CONTRACTOR)
 G) AUTOMATIC TRANSFER SWITCH AND GENERATOR
 H) EQUIPMENT SHELTER (SHELTERS FURNISHED IN FACTORY W/ HVAC EQUIPMENT AND ELECTRICAL DISTRIBUTION PANEL)
 I) INTEGRATED LOAD CENTER
- DIMENSIONS SHOWN ARE TO FINISH SURFACES UNLESS OTHERWISE NOTED. SPACING BETWEEN EQUIPMENT IS REQUIRED CLEARANCE. THEREFORE, IT IS CRITICAL TO FIELD VERIFY DIMENSIONS, SHOULD THERE BE ANY QUESTIONS REGARDING THE CONTRACT DOCUMENTS, EXISTING CONDITIONS AND/OR DESIGN INTENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE WORK.
- DETAILS ARE INTENDED TO SHOW DESIGN INTENT. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.
- CONTRACTOR SHALL RECEIVE CLARIFICATION IN WRITING, AND SHALL RECEIVE IN WRITING AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEMS NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE BEST CONSTRUCTION SKILLS AND ATTENTION. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER CONTRACT, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE WORK AREA, ADJACENT AREAS AND BUILDING OCCUPANTS THAT ARE LIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFORM TO ALL OSHA REQUIREMENTS.
- CONTRACTOR SHALL COORDINATE HIS WORK WITH THE SUPERINTENDENT OF BUILDINGS & GROUNDS AND SCHEDULE HIS ACTIVITIES AND WORKING HOURS IN ACCORDANCE WITH THE REQUIREMENTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH THE WORK OF OTHERS AS IT MAY RELATE TO RADIO EQUIPMENT, ANTENNAS AND ANY OTHER PORTIONS OF THE WORK.
- INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS UNLESS SPECIFICALLY OTHERWISE INDICATED OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
- MAKE NECESSARY PROVISIONS TO PROTECT EXISTING SURFACES, EQUIPMENT, IMPROVEMENTS, PIPING ETC. AND IMMEDIATELY REPAIR ANY DAMAGE THAT OCCURS DURING CONSTRUCTION.
- IN DRILLING HOLES INTO CONCRETE WHETHER FOR FASTENING OR ANCHORING PURPOSES, OR PENETRATIONS THROUGH THE FLOOR FOR CONDUIT RUNS, PIPE RUNS, ETC., MUST BE CLEARLY UNDERSTOOD THAT REINFORCING STEEL SHALL NOT BE DRILLED INTO, CUT OR DAMAGED UNDER ANY CIRCUMSTANCES (UNLESS NOTED OTHERWISE). LOCATIONS OF REINFORCING STEEL ARE NOT DEFINITELY KNOWN AND THEREFORE MUST BE SEARCHED FOR BY APPROPRIATE METHODS AND EQUIPMENT.
- REPAIR ALL EXISTING WALL SURFACES DAMAGED DURING CONSTRUCTION SUCH THAT THEY MATCH AND BLEND IN WITH ADJACENT SURFACES.
- SEAL PENETRATIONS THROUGH FIRE RATED AREAS WITH U.L. LISTED AND FIRE CODE APPROVED MATERIALS.
- KEEP CONTRACT AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DIRT, DEBRIS, AND RUBBISH. EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY OF THE OWNER SHALL BE REMOVED. LEAVE PREMISES IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL ITEMS UNTIL COMPLETION OF CONSTRUCTION.
- MINIMUM BEND RADIUS OF ANTENNA CABLES SHALL BE IN ACCORDANCE WITH CABLE MANUFACTURERS RECOMMENDATIONS.
- ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO APPLICABLE REGULATORY AUTHORITIES.
- CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION SHALL BE IN CONFORMANCE WITH JURISDICTIONAL OR STATE AND LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL AND COORDINATED WITH LOCAL REGULATORY AUTHORITIES.
- ALL CONSTRUCTION IS TO ADHERE TO APPLICANT'S INTEGRATED CONSTRUCTION STANDARDS UNLESS STATE CODE IS MORE STRINGENT.
- THE INTENT OF THE PLANS AND SPECIFICATIONS IS TO PERFORM THE CONSTRUCTION IN ACCORDANCE PER STATE BUILDING STANDARDS CODE, TITLES 19 AND 24, STATE CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE APPROVED PLANS AND SPECIFICATIONS WHEREIN THE FINISHED WORK WILL NOT COMPLY PER STATE CODE OF REGULATIONS, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE JURISDICTION BEFORE PROCEEDING WITH THE WORK.

ELECTRICAL NOTES

- ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ANY/ALL ELECTRICAL WORK INDICATED. ANY/ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH DRAWINGS AND ANY/ALL APPLICABLE SPECIFICATIONS. IF ANY PROBLEMS ARE ENCOUNTERED BY COMPLYING WITH THESE REQUIREMENTS, CONTRACTOR SHALL NOTIFY 'CONSTRUCTION MANAGER' AS SOON AS POSSIBLE. AFTER THE DISCOVERY OF THE PROBLEMS, AND SHALL NOT PROCEED WITH THAT PORTION OF WORK, UNTIL THE 'CONSTRUCTION MANAGER' HAS DIRECTED THE CORRECTIVE ACTIONS TO BE TAKEN.
- ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE HIMSELF WITH ANY/ALL CONDITIONS AFFECTING ELECTRICAL AND COMMUNICATION INSTALLATION AND MAKE PROVISIONS AS TO THE COST THEREOF. ALL EXISTING CONDITIONS OF ELECTRICAL EQUIP., LIGHT FIXTURES, ETC., THAT ARE PART OF THE FINAL SYSTEM, SHALL BE VERIFIED BY THE CONTRACTOR, PRIOR TO THE SUBMITTING OF HIS BID. FAILURE TO COMPLY WITH THIS PARAGRAPH WILL IN NO WAY RELIEVE CONTRACTOR OF PERFORMING ALL WORK NECESSARY FOR A COMPLETE AND WORKING SYSTEM.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NEC AND ALL CODES AND LOCAL ORDINANCES OF THE LOCAL POWER & TELEPHONE COMPANIES HAVING JURISDICTION AND SHALL INCLUDE BUT NOT BE LIMITED TO:
 C - NATIONAL FIRE CODES
 A. UL - UNDERWRITERS LABORATORIES
 B. NEC - NATIONAL ELECTRICAL CODE
 C. NEMA - NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
 D. OSHA - OCCUPATIONAL SAFETY AND HEALTH ACT
 E. SBC - STANDARD BUILDING CODE
- DO NOT SCALE ELECTRICAL DRAWINGS, REFER TO SITE PLANS AND ELEVATIONS FOR EXACT LOCATIONS OF ALL EQUIPMENT, AND CONFIRM WITH 'CONSTRUCTION MANAGER' ANY SIZES AND LOCATIONS WHEN NEEDED.
- EXISTING SERVICES: CONTRACTOR SHALL NOT INTERRUPT EXISTING SERVICES WITHOUT WRITTEN PERMISSION OF THE OWNER.
- CONTRACTOR SHALL PAY FOR ANY/ALL PERMITS, FEES, INSPECTIONS AND TESTING. CONTRACTOR IS TO OBTAIN PERMITS AND APPROVED SUBMITTALS PRIOR TO THE WORK BEGINNING OR ORDERING EQUIPMENT.
- THE TERM "PROVIDE" USED IN CONSTRUCTION DOCUMENTS AND SPECIFICATIONS, INDICATES THAT THE CONTRACTOR SHALL FURNISH AND INSTALL.
- CONTRACTOR SHALL CONFIRM WITH LOCAL UTILITY COMPANY ANY/ALL REQUIREMENTS SUCH AS THE: LUG SIZE RESTRICTIONS, CONDUIT ENTRY, SIZE OF TRANSFORMERS, SCHEDULED DOWNTIME FOR THE OWNERS' CONFIRMATION, ETC.. ANY/ALL CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER, PRIOR TO BEGINNING ANY WORK.
- MINIMUM WIRE SIZE SHALL BE #12 AWG, NOT INCLUDING CONTROL WIRING, UNLESS NOTED OTHERWISE. ALL CONDUCTORS SHALL BE COPPER WITH THWN INSULATION.
- OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET/DAMP LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.
- IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF THE CONSTRUCTION. CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS FOR THE EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
- ELECTRICAL SYSTEM SHALL BE AS COMPLETELY AND EFFECTIVELY GROUNDED, AS REQUIRED BY SPECIFICATIONS, SET FORTH BY APPLICANT.
- ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS, WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND SUBJECT TO REGULATORY INSPECTION AND APPROVAL BY CONSTRUCTION MANAGER.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
- CONTRACTOR SHALL GUARANTEE ANY/ALL MATERIALS AND WORK FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE.
- THE CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ANY ADDITIONAL CHARGE AND SHALL INCLUDE THE REPLACEMENT OR THE REPAIR OF ANY OTHER PHASE OF THE INSTALLATION, WHICH MAY HAVE BEEN DAMAGED THEREIN.
- ADEQUATE AND REQUIRED LIABILITY INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LOSS AND ANY/ALL PROPERTY DAMAGE FOR THE DURATION OF WORK.
- PROVIDE AND INSTALL CONDUIT, CONDUCTORS, PULL WIRES, BOXES, COVER PLATES AND DEVICES FOR ALL OUTLETS AS INDICATED.
- DITCHING AND BACK FILL: CONTRACTOR SHALL PROVIDE FOR ALL UNDERGROUND INSTALLED CONDUIT AND/OR CABLES INCLUDING EXCAVATION AND BACKFILLING AND COMPACTION. REFER TO NOTES AND REQUIREMENTS 'EXCAVATION, AND BACKFILLING.
- MATERIALS, PRODUCTS AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE NEW AND SHALL APPEAR ON THE LIST OF U.L. APPROVED ITEMS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF THE NEC, NEMA AND IECE.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OR MANUFACTURERS CATALOG INFORMATION OF ANY/ALL LIGHTING FIXTURES, SWITCHES AND ALL OTHER ELECTRICAL ITEMS FOR APPROVAL BY THE CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
- ANY CUTTING OR PATCHING DEEMED NECESSARY FOR ELECTRICAL WORK IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY AND SHALL BE INCLUDED IN THE COST FOR WORK AND PERFORMED TO THE SATISFACTION OF THE 'CONSTRUCTION MANAGER' UPON FINAL ACCEPTANCE.
- THE ELECTRICAL CONTRACTOR SHALL LABEL ALL PANELS WITH ONLY TYPEWRITTEN DIRECTORIES. ALL ELECTRICAL WIRING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- DISCONNECT SWITCHES SHALL BE H.P. RATED HEAVY-DUTY, QUICK-MAKE AND QUICK-BREAK ENCLOSURES, AS REQUIRED BY EXPOSURE TYPE.
- ALL CONNECTIONS SHALL BE MADE WITH A PROTECTIVE COATING OF AN ANTI-OXIDE COMPOUND SUCH AS "NO-OXIDE A" BY DEARBORNE CHEMICAL CO. COAT ALL WIRE SURFACES BEFORE CONNECTING. EXPOSED COPPER SURFACES, INCLUDING GROUND BARS, SHALL BE TREATED - NO SUBSTITUTIONS.
- RACEWAYS: CONDUIT SHALL BE SCHEDULE 80 PVC MEETING OR EXCEEDING NEMA TC-1. 1995. CONTRACTOR SHALL PLUG AND CAP EACH END OF SPARE AND EMPTY CONDUITS AND PROVIDE TWO SEPARATE PULL STRINGS - 200 LBS TEST POLYETHYLENE CORD. ALL CONDUIT BENDS SHALL BE A MINIMUM OF 2 FT. RADIUS. RGS CONDUITS WHEN SPECIFIED, SHALL MEET UL-6 FOR GALVANIZED STEEL. ALL FITTINGS SHALL BE SUITABLE FOR USE WITH THREADED RIGID CONDUIT. COAT ALL THREADS WITH 'BRITZ ZINC' OR 'COLD GALV'.
- SUPPORT OF ALL ELECTRICAL WORK SHALL BE AS REQUIRED BY NEC.
- CONDUCTORS: CONTRACTOR SHALL USE 98% CONDUCTIVITY COPPER WITH TYPE THWN INSULATION, 600 VOLT, COLOR CODED. USE SOLID CONDUCTORS FOR WIRE UP TO AND INCLUDING NO. 8 AWG. USE STRANDED CONDUCTORS FOR WIRE ABOVE NO. 8 AWG.
- CONNECTORS FOR POWER CONDUCTORS: CONTRACTOR SHALL USE PRESSURE TYPE INSULATED TWIST-ON CONNECTORS FOR NO. 10 AWG AND SMALLER. USE SOLDERLESS MECHANICAL TERMINAL LUGS FOR NO. 8 AWG AND LARGER.
- SERVICE: 120/240V, SINGLE PHASE, 3 WIRE CONNECTION AVAILABLE FROM UTILITY COMPANY. OWNER OR OWNERS AGENT WILL APPLY FOR POWER.
- TELEPHONE SERVICE: CONTRACTOR SHALL PROVIDE EMPTY CONDUITS WITH PULL STRINGS AS INDICATED ON DRAWINGS.
- ELECTRICAL AND TELCO RACEWAYS TO BE BURIED A MINIMUM OF 2' DEPTH.
- CONTRACTOR SHALL PLACE TWO LENGTHS OF WARNING TAPE AT A DEPTH OF 12" BELOW GROUND AND DIRECTLY ABOVE ELECTRICAL AND TELCO SERVICE CONDUITS. CAUTIONS TAPE TO READ "CAUTION BURIED ELECTRIC" OR "BURIED TELECOMM". ALL BOLTS SHALL BE 3-16 STAINLESS STEEL.

GROUNDING NOTES

- GC SHALL USE PERMANENT MARKER TO DRAW THE LINES BETWEEN EACH SECTION AND LABEL EACH SECTION ("P", "A", "N", "T") WITH 1" HIGH LETTERS.
 - ALL HARDWARE 3-16 STAINLESS STEEL, INCLUDING LOCK WASHERS, COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE MATING. ALL HARDWARE SHALL BE STAINLESS STEEL 3/8 INCH DIAMETER OR LARGER.
 - FOR GROUND BOND TO STEEL ONLY: INSERT A CADMIUM FLAT WASHER BETWEEN LUG AND STEEL, COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE MATING.
 - WHEN THE SCOPE OF WORK REQUIRES THE ADDITION OF A GROUNDING BAR TO AN EXISTING UTILITY POLE, THE SUBCONTRACTOR SHALL OBTAIN APPROVAL FROM THE UTILITY POLE OWNER PRIOR TO MOUNTING THE GROUNDING BAR TO THE UTILITY POLE.
 - ALL ELECTRICAL AND GROUNDING AT THE POLE SITE SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 780 (LATEST EDITION), AND MANUFACTURER.
- ADDITIONAL NOTES:**
- ALL DETAILS ARE SHOWN IN GENERAL TERMS. ACTUAL GROUNDING INSTALLATION AND CONSTRUCTION MAY VARY DUE TO SITE SPECIFIC CONDITIONS.
 - GROUND ALL ANTENNA BASES, FRAMES, CABLE RUNS, AND OTHER METALLIC COMPONENTS USING #6 GROUND WIRES. FOLLOW ANTENNA AND BTS MANUFACTURER'S PRACTICES FOR GROUNDING REQUIREMENTS.
 - ALL GROUND CONNECTIONS SHALL BE #6 AWG U.N.O. ALL WIRES SHALL BE COPPER WITH THHN/THWN. ALL GROUND WIRE SHALL BE SOLID TIN COATED OR STRANDED GREEN INSULATED WIRE.
 - CONTRACTOR TO VERIFY AND TEST GROUND TO SOURCE, 10 OHMS MAXIMUM. PROVIDE SUPPLEMENT GROUNDING RODS AS REQUIRED TO ACHIEVE SPECIFIED OHMS READING. GROUNDING AND OTHER OPTIONAL TESTING WILL BE WITNESSED BY THE APPLICANT REPRESENTATIVE.
 - NOTIFY ARCHITECT/ENGINEER IF THERE ARE ANY DIFFICULTIES INSTALLING GROUNDING SYSTEM DUE TO SITE SOIL CONDITIONS.
 - ALL HORIZONTALLY RUN GROUNDING CONDUCTORS SHALL BE INSTALLED MINIMUM 12" BELOW GRADE/FROST-LINE IN TRENCH, U.N.O., AND BACK FILL SHALL BE COMPACTED AS REQUIRED BY ARCHITECT.
 - ALL GROUND CONDUCTORS SHALL BE RUN AS STRAIGHT AND SHORT AS POSSIBLE, WITH A MINIMUM 12" BENDING RADIUS NOT LESS THAN 90 DEGREES.
 - ACCEPTABLE CONNECTIONS FOR GROUNDING SYSTEM SHALL BE:
 a. BURNDY, HY-GRADE U.L. LISTED CONNECTORS FOR OUTDOOR USE OR AS APPROVED BY APPLICANT PROJECT MANAGER.
 b. CADWELD, EXOTHERMIC WELDS (WELDED CONNECTIONS).
 c. ONE (1) HOLE TINNED COPPER COMPRESSION (LONG BARREL) FITTINGS.
 - ALL CRIMPED CONNECTIONS SHALL HAVE EMBOSSED MANUFACTURER'S DIEMARK VISIBLE AT THE CRIMP AND WEATHER-PROOFED WITH HEAT SHRINK (RESULTING FROM USE OF PROPER CRIMPING DEVICES).
 - ALL CONNECTION HARDWARE SHALL BE TYPE 3-16 STAINLESS STEEL (NOT ATTRACTED TO MAGNETS).
 - ELECTRICAL SERVICE EQUIPMENT GROUNDING SHALL COMPLY WITH NEC, ARTICLE 250-82 AND SHALL BOND ALL EXISTING AND NEW GROUNDING ELECTRODES. NEW GROUNDING ELECTRODE SHALL INCLUDE BUT NOT LIMITED TO GROUND RODS, GROUND RING IF SERVICE IS WITHIN THE RADIO EQUIPMENT LOCATION, BUILDING STEEL IF APPLICABLE, COLD WATER CONNECTIONS MUST BE MADE ON THE STREET SIDE OF MAIN SHUT-OFF VALVE.

TESTING AND EQUIPMENT TURN UP REQUIREMENTS

- RF CABLE, DATA CABLE, RADIO EQUIPMENT AND BACK HAUL EQUIPMENT TESTING WILL COMPLY WITH CURRENT INDUSTRY STANDARDS AND OR THOSE STANDARDS OF THE EQUIPMENT MANUFACTURE OR PROVIDED TO THE CONTRACTOR PRIOR TO TESTING.
- CONTRACTOR WILL USE THE APPROPRIATE CALIBRATED TESTING EQUIPMENT IN THE TESTING OF RF CABLE, DATA CABLE, RADIO EQUIPMENT AND BACK HAUL EQUIPMENT THAT MEET INDUSTRY STANDARDS OF THE MANUFACTURE OR THOSE STANDARDS PROVIDED TO THE CONTRACTOR PRIOR TO TESTING.
- CONTRACTOR TO VERIFY AND RECORD ALL TEST RESULTS AND PROVIDE THESE RESULTS WITHIN THE FINAL CLOSE OUT PACKAGE.
- ALL PERSONNEL INVOLVED IN THE TESTING OF RF CABLE, DATA CABLE, RADIO EQUIPMENT AND BACK HAUL EQUIPMENT WILL BE REQUIRED TO HAVE BEEN TRAINED AND OR CERTIFIED IN THE PROPER TESTING OF RF CABLE, DATA CABLE, RADIO EQUIPMENT AND BACK HAUL EQUIPMENT.
- ALL TEST RESULTS SHALL BE TIME STAMPED, RECORDED AND PRESENTED PRIOR TO ENERGIZING AND TURN UP OF ANY EQUIPMENT.
- GPS EQUIPMENT IS NOT TO BE TESTED OR ATTACHED TO ANY CABLING DURING TESTING, DOING SO WILL DAMAGE THE GPS UNIT.
- PRIOR TO TESTING IF THE CONTRACTOR HAS ANY QUESTIONS ABOUT THE TESTING PROCEDURES THEY ARE TO CALL AND OBTAIN ASSISTANCE FROM A QUALIFIED DESIGNATED TESTING REPRESENTATIVE.
- EQUIPMENT IS NOT TO BE ENERGIZED UNTIL ALL TESTING HAS BEEN COMPLETED, APPROVED AND THE APPROPRIATE AUTHORITY HAS BEEN NOTIFIED AND GIVES APPROVAL TO ENERGIZE THE EQUIPMENT.

MISCELLANEOUS MATERIALS

FROM TIME TO TIME IT MAY BE NECESSARY TO MAKE MINOR ADJUSTMENTS TO ACCOMMODATE, LEVEL OR SPACE ANTENNA MOUNTS AND EQUIPMENT. EXAMPLE ADDING A WASHER OR SHIM TO LEVEL OUT A BRACKET OR MOUNT TO MEET SPECIFICATIONS. HAVING TO OFFSET OR SPACE A BRACKET OR MOUNT DUE TO FLANGES AND OR OTHER SMALL PROTRUSIONS ON A POLE TOP ASSEMBLY. ANY MATERIALS, NUTS, BOLTS, SHIMS OR SPACERS USED TO ACCOMMODATE ADJUSTMENTS TO ANTENNA MOUNTS AND EQUIPMENT MUST BE PERMANENTLY AFFIXED, BOLTED TO THE MOUNT, BRACKET OR POLE, AS NEVER TO BECOME A FALL HAZARD. ALL MATERIALS NUTS, BOLTS, SHIMS OR SPACERS USED IN MINOR ADJUSTMENTS, MUST BE EITHER STAINLESS STEEL OR GALVANIZED. HALF WASHERS ARE PROHIBITED. ANY MINOR ADJUSTMENTS TO ACCOMMODATE ANTENNA MOUNTS AND EQUIPMENT SHOULD BE DONE IN A PROFESSIONAL MANNER WITH SAFETY AND AESTHETICS IN MIND. SHOULD YOU HAVE ANY QUESTIONS CONTACT YOUR ASSIGNED CONSTRUCTION PROJECT MANAGER OR ENGINEER FOR GUIDANCE.



MOBILITIE, LLC

DRAWN BY:	CB
DATE:	05/30/2016

REV	DATE	DESCRIPTION	BY
A	05/30/2016	90% CONSTRUCTION	CB

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE ID:
9UTB000533B
 SITE LOCATION:
 4TH N. STREET PRICE, UT 84501
 4TH N. ST. & N. 100 E.
NEW UTILITY WOOD POLE

SHEET TITLE
GENERAL NOTES

SHEET NUMBER
T-2

SITE WORK NOTES

- DO NOT EXCAVATE OR DISTURB BEYOND THE PROPERTY LINES OR LEASE LINES, UNLESS OTHERWISE NOTED.
- DO NOT SCALE BUILDING DIMENSIONS FROM DRAWING.
- SIZE, LOCATION AND TYPE OF ANY UNDERGROUND UTILITIES OR IMPROVEMENTS SHALL BE ACCURATELY NOTED AND PLACED ON AS-BUILT DRAWINGS BY GENERAL CONTRACTOR AND ISSUED TO ARCHITECT/ENGINEER AT COMPLETION OF PROJECT.
- ALL EXISTING UTILITIES, FACILITIES, CONDITIONS AND THEIR DIMENSIONS SHOWN ON PLANS HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY WHATSOEVER AS TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS OR THE MANNER OF THEIR REMOVAL OR ADJUSTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL EXISTING UTILITIES AND FACILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY DETAILED INFORMATION RELATIVE TO WORKING SCHEDULES AND METHODS OF REMOVING OR ADJUSTING EXISTING UTILITIES.
- CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES BOTH HORIZONTALLY AND VERTICALLY PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES OR DOUBTS AS TO THE INTERPRETATION OF PLANS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT/ENGINEER FOR RESOLUTION AND INSTRUCTION, AND NO FURTHER WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS CHECKED AND CORRECTED BY THE ARCHITECT/ENGINEER. FAILURE TO SECURE SUCH INSTRUCTION MEANS CONTRACTOR WILL HAVE WORKED AT HIS/HER OWN RISK AND EXPENSE. CONTRACTOR SHALL CALL LOCAL DIGGER HOT LINE FOR UTILITY LOCATIONS 48 HOURS PRIOR TO START OF CONSTRUCTION.
- ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE ADJUSTED TO FINISH ELEVATIONS PRIOR TO FINAL INSPECTION OF WORK.
- GRADING OF THE SITE WORK AREA IS TO BE SMOOTH AND CONTINUOUS IN SLOPE AND IS TO FEATHER INTO EXISTING GRADES AT THE GRADING LIMITS.
- ALL TEMPORARY EXCAVATIONS FOR THE INSTALLATION OF FOUNDATIONS, UTILITIES, ETC., SHALL BE PROPERLY LAID BACK OR BRACED IN ACCORDANCE WITH CORRECT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS.
- STRUCTURAL FILLS SUPPORTING PAVEMENTS SHALL BE COMPACTED TO 95% OF MAXIMUM STANDARD PROCTOR DRY DENSITY.
- NEW GRADES NOT IN BUILDING AND DRIVEWAY IMPROVEMENT AREA TO BE ACHIEVED BY FILLING WITH APPROVED CLEAN FILL AND COMPACTED TO 95% OF STANDARD PROCTOR DENSITY.
- ALL FILL SHALL BE PLACED IN UNIFORM LIFTS. THE LIFTS THICKNESS SHOULD NOT EXCEED THAT WHICH CAN BE PROPERLY COMPACTED THROUGHOUT ITS ENTIRE DEPTH WITH THE EQUIPMENT AVAILABLE.
- ANY FILLS PLACED ON EXISTING SLOPES THAT ARE STEEPER THAN 10 HORIZONTAL TO 1 VERTICAL SHALL BE PROPERLY BENCHED INTO THE EXISTING SLOPE AS DIRECTED BY A GEOTECHNICAL ENGINEER.
- CONTRACTOR SHALL CLEAN ENTIRE SITE AFTER CONSTRUCTION SUCH THAT NO PAPERS, TRASH, WEEDS, BRUSH OR ANY OTHER DEPOSITS WILL REMAIN. ALL MATERIALS COLLECTED DURING CLEANING OPERATIONS SHALL BE DISPOSED OF OFF-SITE BY THE GENERAL CONTRACTOR.
- ALL TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH THE IMPROVEMENTS SHALL BE PROTECTED BY THE GENERAL CONTRACTOR.
- ALL SITE WORK SHALL BE CAREFULLY COORDINATED BY GENERAL CONTRACTOR WITH LOCAL UTILITY COMPANY, TELEPHONE COMPANY, AND ANY OTHER UTILITY COMPANIES HAVING JURISDICTION OVER THIS LOCATION.

ENVIRONMENTAL NOTES

- ALL WORK PERFORMED SHALL BE DONE IN ACCORDANCE WITH ISSUED PERMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF FINES AND PROPER CLEAN UP FOR AREAS IN VIOLATION.
- CONTRACTOR AND/OR DEVELOPER SHALL BE RESPONSIBLE FOR CONSTRUCTION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROLS DURING CONSTRUCTION FOR PROTECTION OF ADJACENT PROPERTIES, ROADWAYS AND WATERWAYS AND SHALL BE MAINTAINED IN PLACE THROUGH FINAL JURISDICTIONAL INSPECTION & RELEASE OF SITE.
- CONTRACTOR SHALL INSTALL/CONSTRUCT ALL NECESSARY SEDIMENT/SILT CONTROL FENCING AND PROTECTIVE MEASURES WITHIN THE LIMITS OF SITE DISTURBANCE PRIOR TO CONSTRUCTION.
- NO SEDIMENT SHALL BE ALLOWED TO EXIT THE PROPERTY. THE CONTRACTOR IS RESPONSIBLE FOR TAKING ADEQUATE MEASURES FOR CONTROLLING EROSION. ADDITIONAL SEDIMENT CONTROL FENCING MAY BE REQUIRED IN ANY AREAS SUBJECT TO EROSION.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIMES WITH SILT AND EROSION CONTROL MEASURES MAINTAINED ON THE DOWNSTREAM SIDE OF SITE DRAINAGE. ANY DAMAGE TO ADJACENT PROPERTY AS A RESULT OF EROSION WILL BE CORRECTED AT THE CONTRACTORS EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY INSPECTIONS AND ANY REPAIRS OF ALL SEDIMENT CONTROL MEASURES INCLUDING SEDIMENT REMOVAL AS NECESSARY.
- CLEARING OF VEGETATION AND TREE REMOVAL SHALL BE ONLY AS PERMITTED AND BE HELD TO A MINIMUM. ONLY TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED.
- SEEDING AND MULCHING AND/OR SOODING OF THE SITE WILL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE PROJECT FACILITIES AFFECTING LAND DISTURBANCE.
- CONTRACTOR SHALL PROVIDE ALL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY LOCAL, COUNTY AND STATE CODES AND ORDINANCES TO PROTECT EMBANKMENTS FROM SOIL LOSS AND TO PREVENT ACCUMULATION OF SOIL AND SILT IN STREAMS AND DRAINAGE PATHS LEAVING THE CONSTRUCTION AREA. THIS MAY INCLUDE SUCH MEASURES AS SILT FENCES, STRAW BALE SEDIMENT BARRIERS, AND CHECK DAMS.
- RIP RAP OF SIZES INDICATED SHALL CONSIST OF CLEAN, HARD, SOUND, DURABLE, UNIFORM IN QUALITY STONE FREE OF ANY DETRIMENTAL QUANTITY OF SOFT, FRIABLE, THIN, ELONGATED OR LAMINATED PIECES, DISINTEGRATED MATERIAL, ORGANIC MATTER, OIL, ALKALI, OR OTHER DELETERIOUS SUBSTANCES

FOUNDATION, EXCAVATION AND BACKFILL NOTES

- ALL FINAL GRADED SLOPES SHALL BE A MAXIMUM OF 3 HORIZONTAL TO 1 VERTICAL.
- ALL EXCAVATIONS PREPARED FOR PLACEMENT OF CONCRETE SHALL BE OF UNDISTURBED SOILS, SUBSTANTIALLY HORIZONTAL AND FREE FROM ANY LOOSE, UNSUITABLE MATERIAL OR FROZEN SOILS, AND WITHOUT THE PRESENCE OF POUNDING WATER. DEWATERING FOR EXCESS GROUND WATER SHALL BE PROVIDED WHEN REQUIRED. COMPACTION OF SOILS UNDER CONCRETE PAD FOUNDATIONS SHALL NOT BE LESS THAN 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY FOR THE SOIL IN ACCORDANCE WITH ASTM D1557.
- CONCRETE FOUNDATIONS SHALL NOT BE PLACED ON ORGANIC OR UNSUITABLE MATERIAL. IF INADEQUATE BEARING CAPACITY IS REACHED AT THE DESIGNED EXCAVATION DEPTH, THE UNSATISFACTORY SOIL SHALL BE EXCAVATED TO ITS FULL DEPTH AND EITHER BE REPLACED WITH MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION SHALL BE FILLED WITH CONCRETE OF THE SAME TYPE SPECIFIED FOR THE FOUNDATION. CRUSHED STONE MAY BE USED TO STABILIZE THE BOTTOM OF THE EXCAVATION. ANY STONE SUB BASE MATERIAL, IF USED, SHALL NOT SUBSTITUTE FOR REQUIRED THICKNESS OF CONCRETE.
- ALL EXCAVATIONS SHALL BE CLEAN OF UNSUITABLE MATERIAL SUCH AS VEGETATION, TRASH, DEBRIS, AND SO FORTH PRIOR TO BACK FILLING. BACK FILL SHALL CONSIST OF APPROVED MATERIALS SUCH AS EARTH, LOAM, SANDY CLAY, SAND AND GRAVEL, OR SOFT SHALE, FREE FROM CLOUDS OR LARGE STONES OVER 2 1/2" MAX DIMENSIONS. ALL BACK FILL SHALL BE PLACED IN COMPACTED LAYERS.
- ALL FILL MATERIALS AND FOUNDATION BACK FILL SHALL BE PLACED IN MAXIMUM 6" THICK LIFTS BEFORE COMPACTION. EACH LIFT SHALL BE WETTED IF REQUIRED AND COMPACTED TO NOT LESS THAN 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY FOR SOIL IN ACCORDANCE WITH ASTM D1557.
- NEWLY PLACED CONCRETE FOUNDATIONS SHALL CURE A MINIMUM OF 72 HRS PRIOR TO BACK FILLING.
- FINISHED GRADING SHALL BE SLOPED TO PROVIDE POSITIVE DRAINAGE AND PREVENT STANDING WATER. THE FINAL (FINISH) ELEVATION OF SLAB FOUNDATIONS SHALL SLOPE AWAY IN ALL DIRECTIONS FROM THE CENTER. FINISH GRADE OF CONCRETE PADS SHALL BE A MAXIMUM OF 4 INCHES ABOVE FINAL FINISH GRADE ELEVATIONS. PROVIDE SURFACE FILL GRAVEL TO ESTABLISH SPECIFIED ELEVATIONS WHERE REQUIRED.
- NEWLY GRADED SURFACE AREAS TO RECEIVE GRAVEL SHALL BE COVERED WITH GEOTEXTILE FABRIC TYPE: TYPAR-3401 AS MANUFACTURED BY "CONSTRUCTION MATERIAL 1-800-239-3841" OR AN APPROVED EQUIVALENT, SHOWN ON PLANS. THE GEOTEXTILE FABRIC SHALL BE BLACK IN COLOR TO CONTROL THE RECURRENCE OF VEGETATIVE GROWTH AND EXTEND TO WITHIN 1 FOOT OUTSIDE THE SITE FENCING OR ELECTRICAL GROUNDING SYSTEM PERIMETER WHICH EVER IS GREATER. ALL FABRIC SHALL BE COVERED WITH A MINIMUM OF 4" DEEP COMPACTED STONE OR GRAVEL AS SPECIFIED. I.E. FDOT TYPE No. 57 FOR FENCED COMPOUND, FDOT TYPE No. 67 FOR ACCESS DRIVE AREA.
- IN ALL AREAS TO RECEIVE FILL, REMOVE ALL VEGETATION, TOPSOIL, DEBRIS, WET AND UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DELETERIOUS MATERIALS FROM GROUND SURFACE. PLOW STRIP OR BREAK UP SLOPED SURFACES STEEPER THAN 1 VERTICAL TO 4 HORIZONTAL SUCH THAT FILL MATERIAL WILL BIND WITH EXISTING/PREPARED SOIL SURFACE.
- WHEN SUB GRADE OR PREPARED GROUND SURFACE HAS A DENSITY LESS THAN THAT REQUIRED FOR THE FILL MATERIAL, SCARIFY THE GROUND SURFACE TO DEPTH REQUIRED, PULVERIZE, MOISTURE-CONDITION AND/OR AERATE THE SOILS AND RECOMPACT TO THE REQUIRED DENSITY PRIOR TO PLACEMENT OF FILLS.
- IN AREAS WHICH EXISTING GRAVEL SURFACING IS REMOVED OR DISTURBED DURING CONSTRUCTION OPERATIONS, REPLACE GRAVEL SURFACING TO MATCH ADJACENT GRAVEL SURFACING AND RESTORED TO THE SAME THICKNESS AND COMPACTION AS SPECIFIED. ALL RESTORED GRAVEL SURFACING SHALL BE FREE FROM CORRUGATIONS AND WAVES.
- EXISTING GRAVEL SURFACING MAY BE EXCAVATED SEPARATELY AND REUSED WITH THE CONDITION THAT ANY UNFAVORABLE AMOUNTS OF ORGANIC MATTER, OR OTHER DELETERIOUS MATERIALS ARE REMOVED PRIOR TO REUSE. FURNISH ANY ADDITIONAL GRAVEL RESURFACING MATERIAL AS NEEDED TO PROVIDE A FULL DEPTH COMPACTED SURFACE THROUGHOUT SITE.
- GRAVEL SUB SURFACE SHALL BE PREPARED TO REQUIRED COMPACTION AND SUB GRADE ELEVATIONS BEFORE GRAVEL SURFACING IS PLACED AND/OR RESTORED. ANY LOOSE OR DISTURBED MATERIALS SHALL BE THOROUGHLY COMPACTED AND ANY DEPRESSIONS IN THE SUB GRADE SHALL BE FILLED AND COMPACTED WITH APPROVED SELECTED MATERIAL. GRAVEL SURFACING MATERIAL SHALL NOT BE USED FOR FILLING DEPRESSIONS IN THE SUB GRADE.
- PROTECT EXISTING GRAVEL SURFACING AND SUB GRADE IN AREAS WHERE EQUIPMENT LOADS WILL OPERATE. USE PLANKING 'MATT'S' OR OTHER SUITABLE PROTECTION DESIGNED TO SPREAD EQUIPMENT LOADS AS MAY BE NECESSARY. REPAIR ANY DAMAGE TO EXISTING GRAVEL SURFACING OR SUB GRADE WHERE SUCH DAMAGE IS DUE TO THE CONTRACTORS OPERATIONS.
- DAMAGE TO EXISTING STRUCTURES AND/OR UTILITIES RESULTING FROM CONTRACTORS NEGLIGENCE SHALL BE REPAIRED AND/OR REPLACED TO THE OWNERS SATISFACTION AT NO ADDITIONAL COST TO THE CONTRACT.
- ALL SUITABLE BORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES AT NO ADDITIONAL COST TO THE CONTRACT.



MOBITIE, LLC

DRAWN BY: CB
DATE: 05/30/2016

REV	DATE	DESCRIPTION	BY
A	05/30/2016	90% CONSTRUCTION	CB

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE ID:
9UTB000533B
SITE LOCATION:
4TH N. STREET PRICE, UT 84501
4TH N. ST. & N. 100 E.
NEW UTILITY WOOD POLE

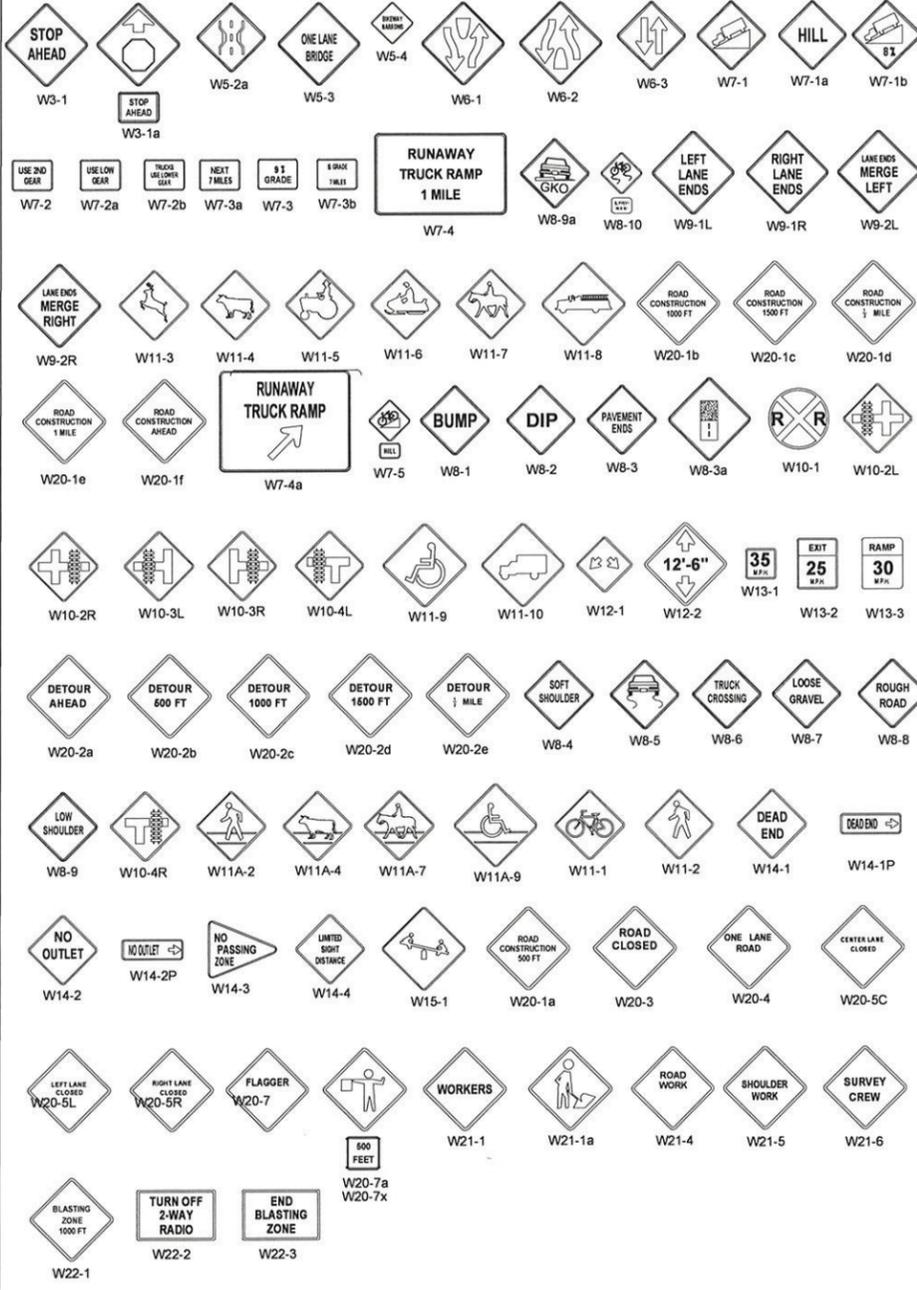
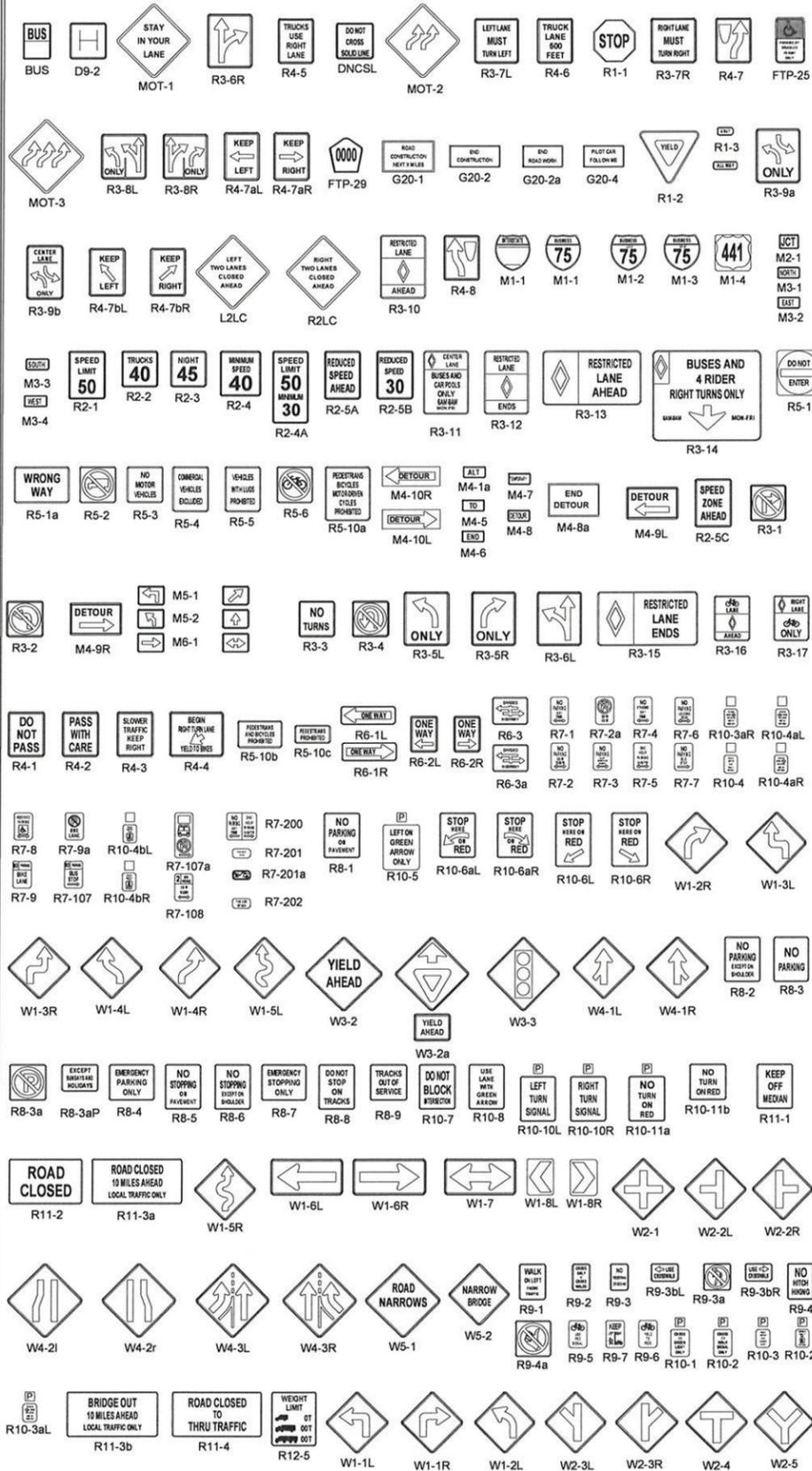
SHEET TITLE
GENERAL NOTES

SHEET NUMBER
T-3

MUTCD 2014 Sign Charts

Sheet 13 of 14 - Temporary Traffic Control Signs

This chart contains commonly used federal 2009 MUTCD sign, and is not meant to be used as a comprehensive sign chart or a stand-alone sign design tool. Otherwise, federal 2009 MUTCD sign designations are shown (formerly known as sign codes).



SIGN LEGEND



MOBILITIE, LLC

DRAWN BY: CB
DATE: 05/30/2016

REV	DATE	DESCRIPTION	BY
A	05/30/2016	90% CONSTRUCTION	CB

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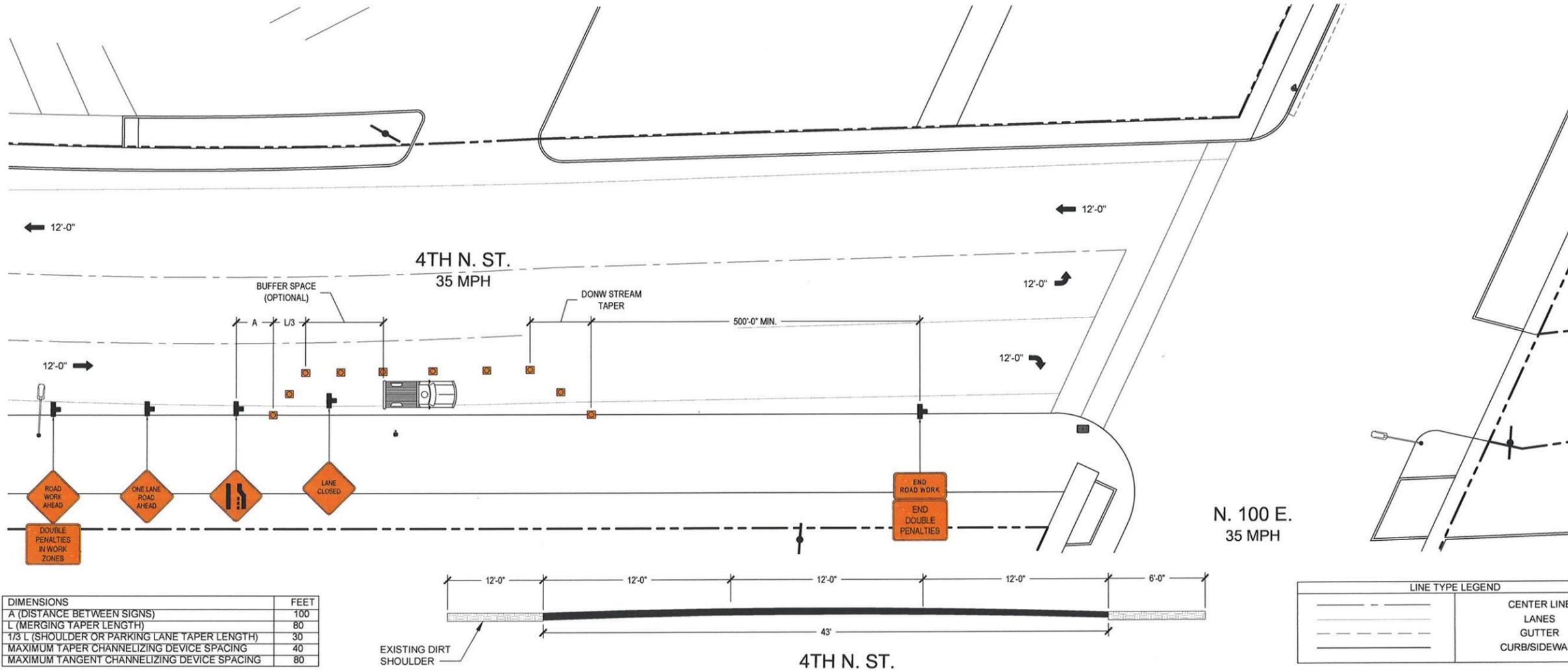
SITE ID:
9UTB000533B
SITE LOCATION:
4TH N. STREET PRICE, UT 84501
4TH N. ST. & N. 100 E.
NEW UTILITY WOOD POLE

SHEET TITLE
TRAFFIC CONTROL PLAN

SHEET NUMBER
TC-1

**SEE TC-1 FOR SIGN SPECIFICATIONS

HOURS OF OPERATION: 6 A.M. TO 10 P.M.
 CROSS STREET: 4TH N. ST. & N. 100 E.
 WORK TYPE: UTILITIES



MOBILITIE, LLC

DRAWN BY: CB
 DATE: 05/30/2016

REV	DATE	DESCRIPTION	BY
A	05/30/2016	90% CONSTRUCTION	CB

TRAFFIC CONTROL PLAN

24"x36" SCALE: NTS
 11"x17" SCALE: NTS

GENERAL NOTES

- Work operations shall be confined to one traffic lane, leaving the opposite lane open to traffic.
- Additional one-way control may be effected by the following means:
 - Flag-carrying vehicle
 - Official vehicle
 - Pilot vehicle
 - Traffic signal
- The "ONE LANE ROAD" signs are to be fully covered and the "FLAGGER" signs either removed or fully covered when no work is being performed and the roadway is open to two-way traffic
- When a side road intersects the roadway within the TTC zone, additional TTC devices shall be placed in accordance with applicable TCZ Indexes.
- The two channelizing devices directly in front of the work area and the one channelizing device directly at the end of the work area may be omitted provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.
- For general TCZ requirements and additional information, refer to MUTCD.

GENERAL NOTES

- RETRO-REFLECTIVE SIGN SHEETING SHALL CONFORM TO SECTION 716. LATEST REVISION, OF THE UNIFORM STANDARD SPECIFICATIONS.
- SIGN LEGENDS AND BORDERS SHALL COMPLY WITH THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
- SIGN SHALL BE MOUNTED IN CONFORMANCE WITH PART 6, MUTCD, LATEST EDITION.
- THE "DOUBLE PENALTIES IN WORK ZONES" SIGN SHOULD BE MOUNTED WITH THE FIRST SIGN IN THE ADVANCED WARNING SIGN SERIES, TYPICALLY THE "ROAD WORK AHEAD" SIGN.
- "END WORK ZONES" SIGN SHALL BE MOUNTED AT THE END OF THE WORK ZONE WITH THE "END DOUBLE PENALTY" SIGN, IF APPLICABLE, ON THE SAME DEVICE OR POST.
- THE DESIGNATION OF WORK ZONE, INCLUDING MARKING OF THE DOUBLE PENALTIES, SHALL NOT BE REQUIRED ON STREETS POSTED AT 25 MPH OR LESS AND ARE THE ACCESS TO OR APPURTENANT TO A RESIDENTIAL AREA.

DURATION NOTES

- "ROAD WORK AHEAD" and the "BE PREPARED TO STOP" signs may be omitted if all of the following conditions are met:
 - Work operations are 60 minutes or less
 - Speed limit is 45 MPH or less
 - No sight obstructions to vehicles approaching the work area for a distance equal to the buffer space
 - Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating
 - Volume and complexity of the roadway has been considered

	Arrow board		Work Vehicle
	Arrow board support or trailer (shown facing down)		Sign (shown facing left)
	Changeable message sign or support trailer		Surveyor
	Channelizing device		Temporary barrier
	Crash cushion		Temporary barrier with warning light
	Direction of temporary traffic detour		Traffic or pedestrian signal
	Direction of traffic		Truck-mounted attenuator
	Flagger		Type 3 barricade
	High-level warning device (Flag tree)		Warning light
	Longitudinal channelizing device		Work zone
	Luminaire		Shadow Vehicle
	Pavement marking that should be removed for a long-term project		

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SITE ID:
 9UTB000533B
 SITE LOCATION:
 4TH N. STREET PRICE, UT 84501
 4TH N. ST. & N. 100 E.
 NEW UTILITY WOOD POLE

SHEET TITLE
 TRAFFIC CONTROL PLAN

SHEET NUMBER
 TC-2

GENERAL NOTES

4 DURATION NOTES

3 LEGEND

2

DRAWN BY: CB

DATE: 05/30/2016

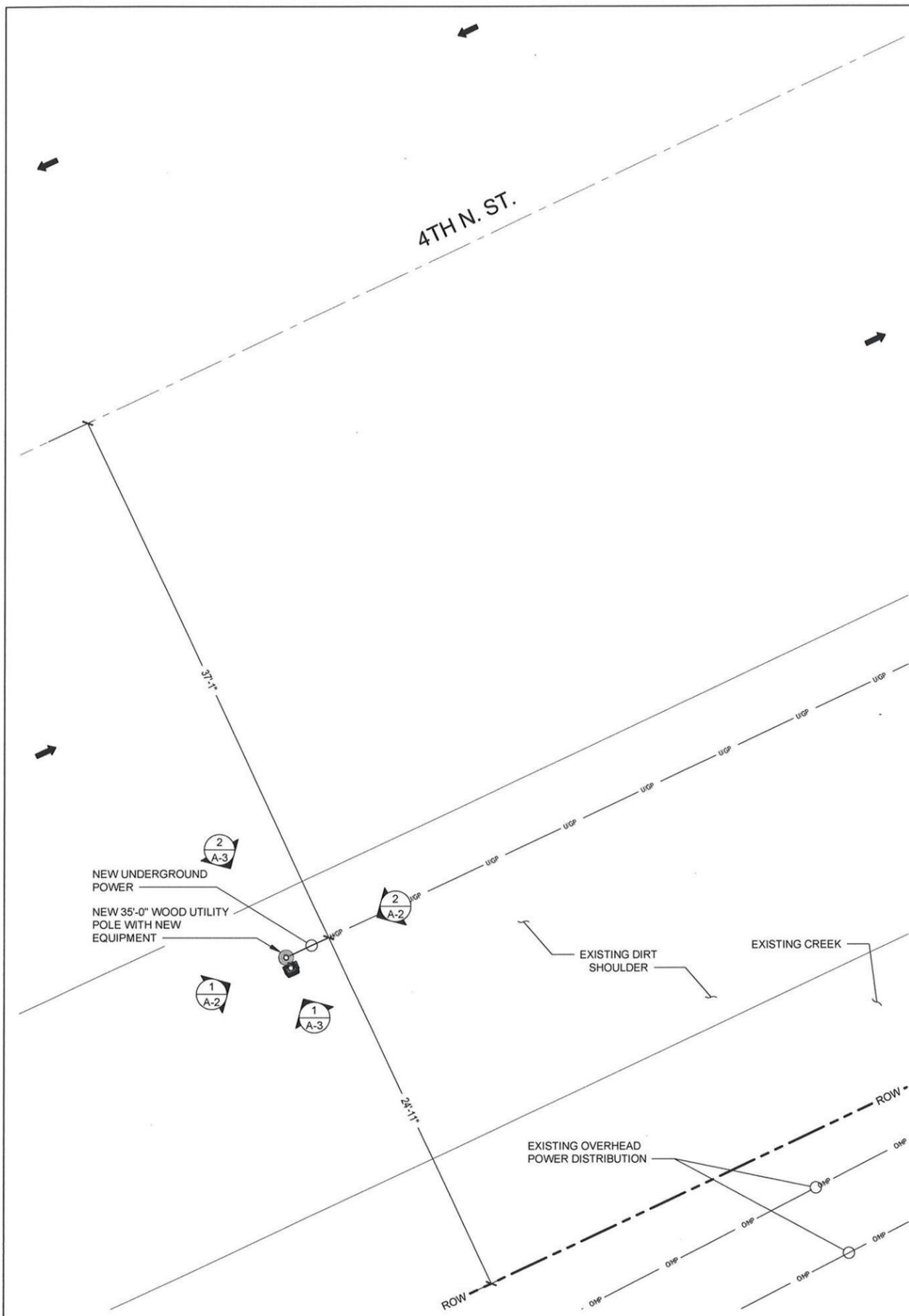
REV	DATE	DESCRIPTION	BY
A	05/30/2016	90% CONSTRUCTION	CB

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE ID:
9UTB000533B
SITE LOCATION
4TH N. STREET PRICE, UT 84501
4TH N. ST. & N. 100 E.
NEW UTILITY WOOD POLE

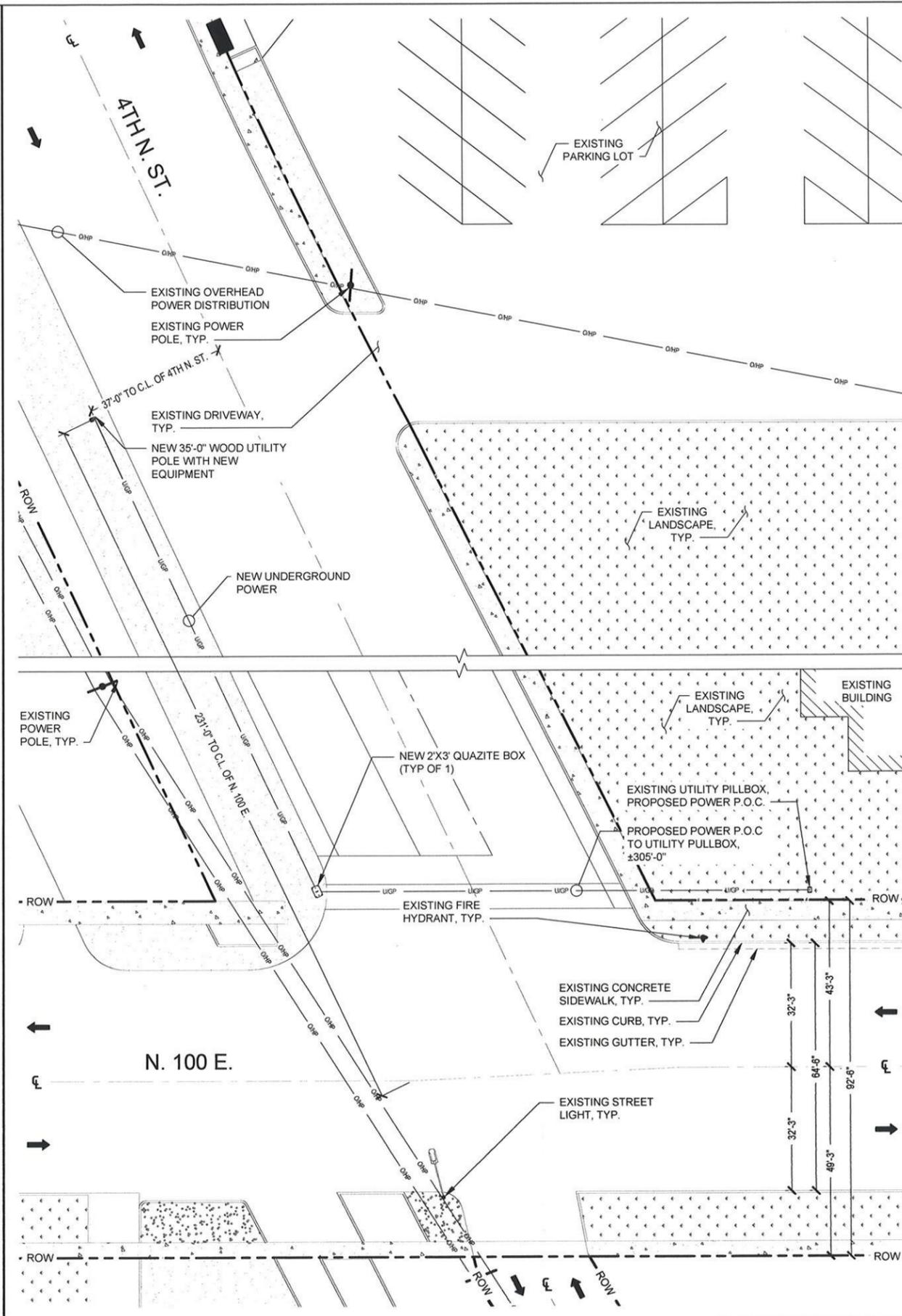
SHEET TITLE
SITE PLANS

SHEET NUMBER
A-1



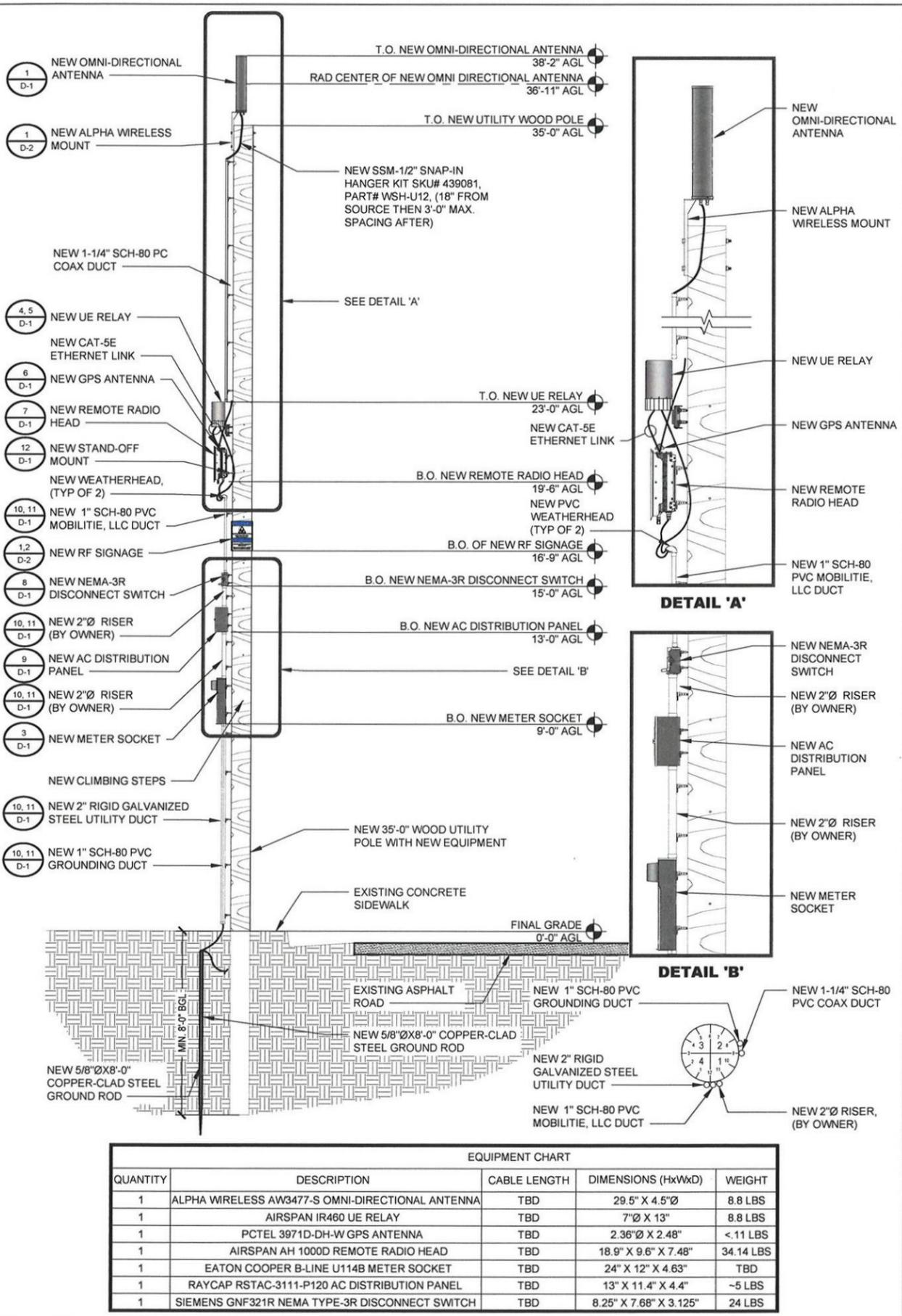
ENLARGED SITE PLAN

24'x36" SCALE: 1/4" = 1'-0"
11'x17" SCALE: 1/8" = 1'-0"
4' 3' 2' 1' 0' 4' **2**



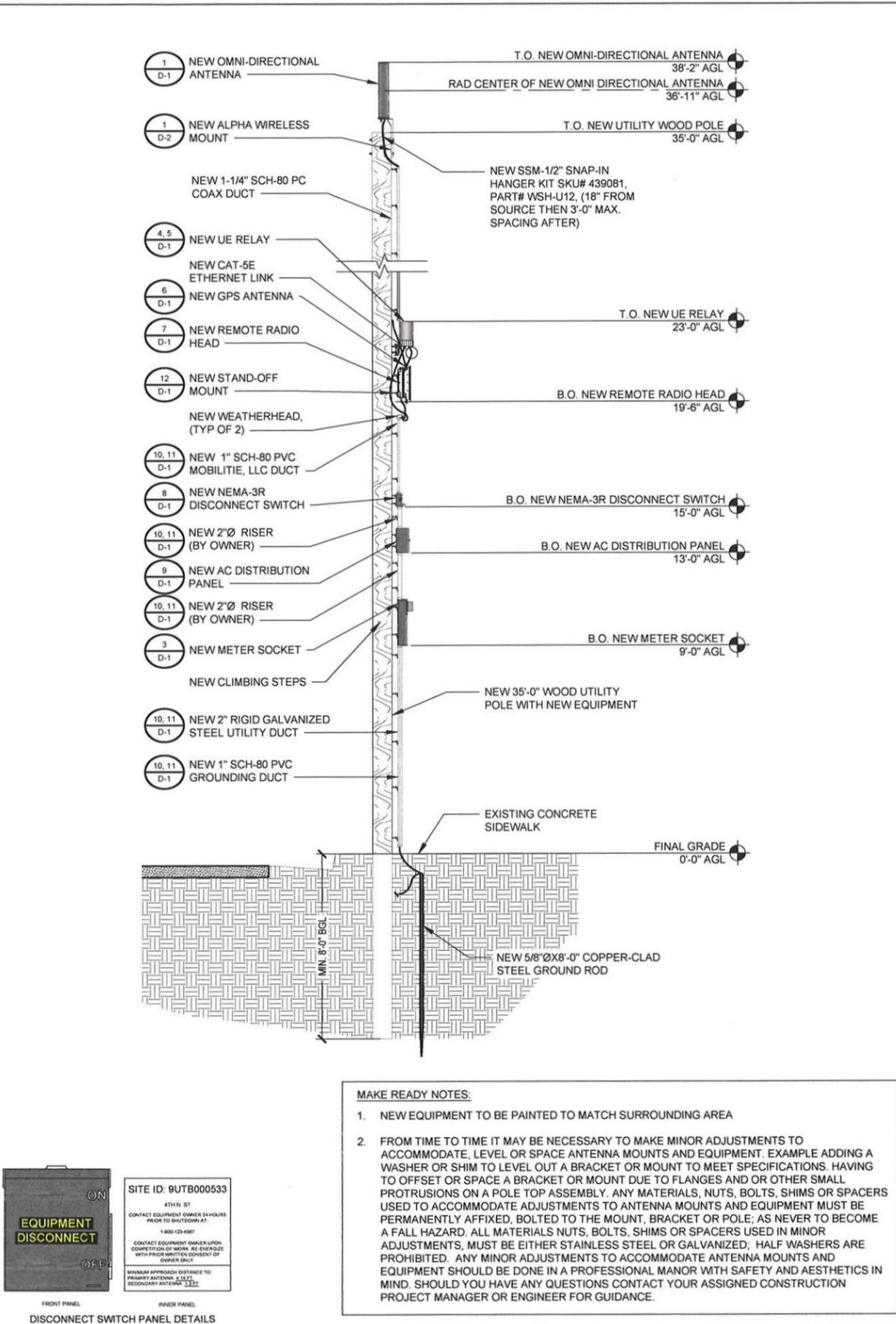
SITE PLAN

24'x36" SCALE: 1/16" = 1'-0"
11'x17" SCALE: 1/32" = 1'-0"
16' 12' 8' 4' 0' 16' **1**



NEW NORTHEAST ELEVATION

24"x36" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"



EXISTING SOUTHWEST ELEVATION

24"x36" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"



MOBITIE, LLC

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DATE: 05/30/2016

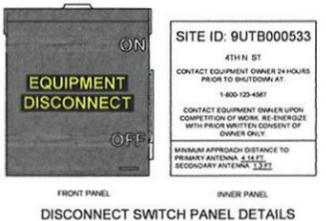
REV	DATE	DESCRIPTION	BY
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SITE ID:
9UTB000533B
SITE LOCATION:
4TH N. STREETE PRICE, UT 84501
4TH N. ST. & N. 100 E.
NEW UTILITY WOOD POLE

SHEET TITLE
NORTHEAST &
SOUTHWEST
ELEVATIONS

SHEET NUMBER
A-2



DISCONNECT SWITCH PANEL DETAILS

DRAWN BY: CB
DATE: 05/30/2016

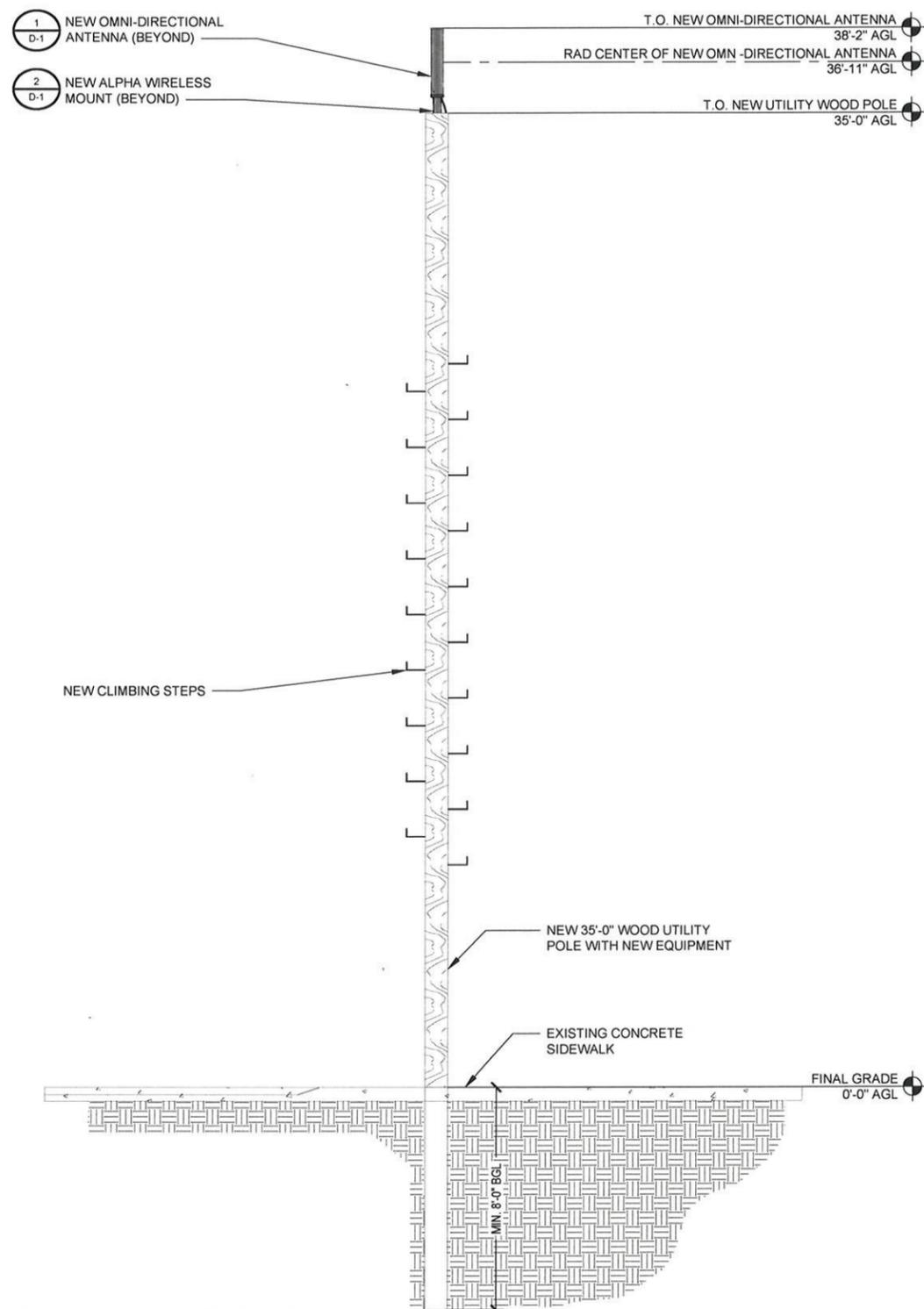
REV	DATE	DESCRIPTION	BY
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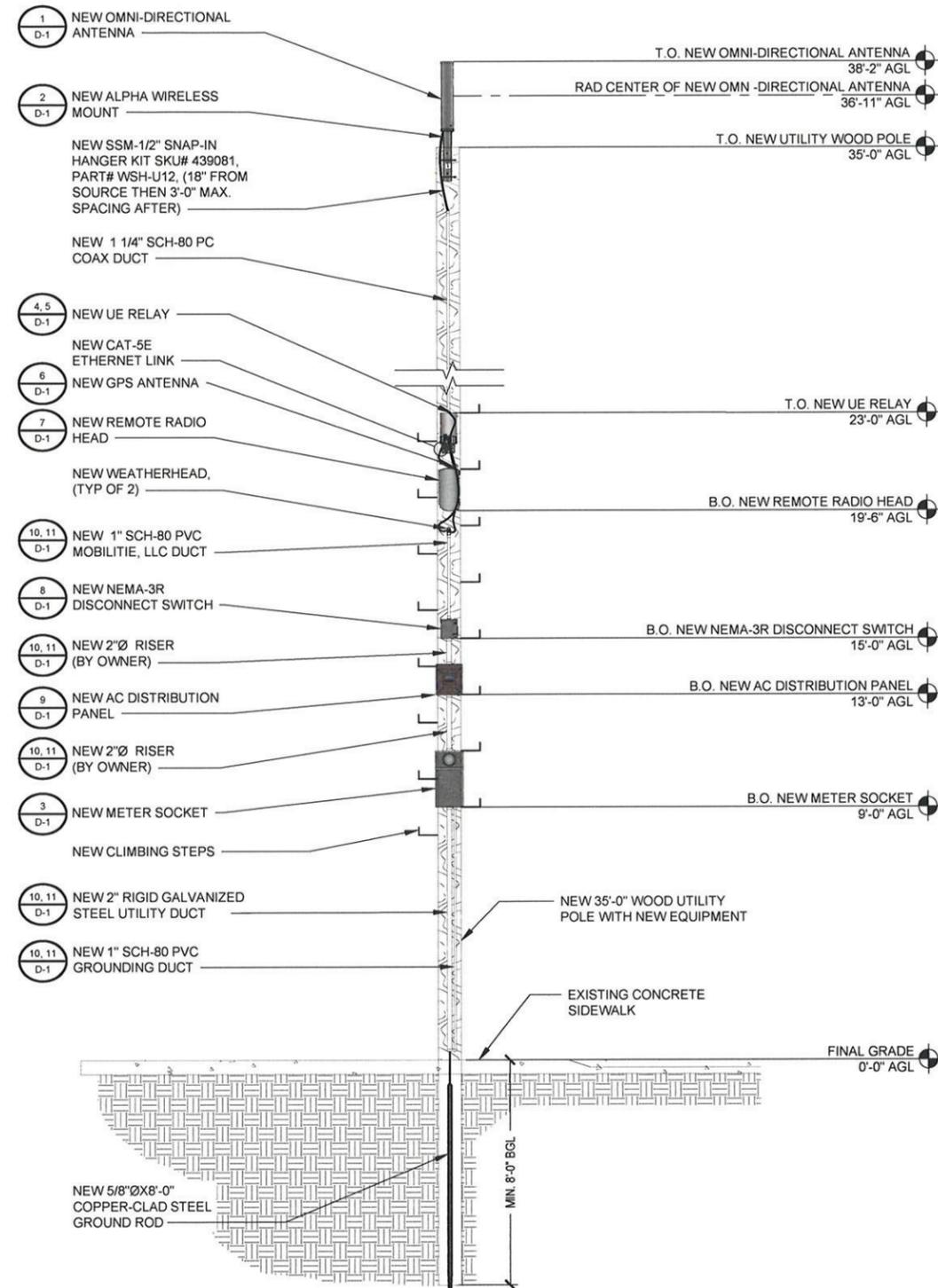
SITE ID:
9UTB000533B
SITE LOCATION:
4TH N. STREET PRICE, UT 84501
4TH N. ST. & N. 100 E.
NEW UTILITY WOOD POLE

SHEET TITLE
NORTHWEST & SOUTHEAST ELEVATIONS

SHEET NUMBER
A-3



EQUIPMENT CHART				
QUANTITY	DESCRIPTION	CABLE LENGTH	DIMENSIONS (HxWxD)	WEIGHT
1	ALPHA WIRELESS AW3477-S OMNI-DIRECTIONAL ANTENNA	TBD	29.5" X 4.5"Ø	8.8 LBS
1	AIRSPAN IR460 UE RELAY	TBD	7"Ø X 13"	8.8 LBS
1	PCTEL 3971D-DH-W GPS ANTENNA	TBD	2.36"Ø X 2.48"	<.11 LBS
1	AIRSPAN AH 1000D REMOTE RADIO HEAD	TBD	18.9" X 9.6" X 7.48"	34.14 LBS
1	EATON COOPER B-LINE U114B METER SOCKET	TBD	24" X 12" X 4.63"	TBD
1	RAYCAP RSTAC-3111-P120 AC DISTRIBUTION PANEL	TBD	13" X 11.4" X 4.4"	~5 LBS
1	SIEMENS GNF321R NEMA TYPE-3R DISCONNECT SWITCH	TBD	8.25" X 7.68" X 3.125"	24 LBS



MAKE READY NOTES:

1. NEW EQUIPMENT TO BE PAINTED TO MATCH SURROUNDING AREA
2. FROM TIME TO TIME IT MAY BE NECESSARY TO MAKE MINOR ADJUSTMENTS TO ACCOMMODATE LEVEL OR SPACE ANTENNA MOUNTS AND EQUIPMENT. EXAMPLE ADDING A WASHER OR SHIM TO LEVEL OUT A BRACKET OR MOUNT TO MEET SPECIFICATIONS. HAVING TO OFFSET OR SPACE A BRACKET OR MOUNT DUE TO FLANGES AND OR OTHER SMALL PROTRUSIONS ON A POLE TOP ASSEMBLY. ANY MATERIALS, NUTS, BOLTS, SHIMS OR SPACERS USED TO ACCOMMODATE ADJUSTMENTS TO ANTENNA MOUNTS AND EQUIPMENT MUST BE PERMANENTLY AFFIXED, BOLTED TO THE MOUNT, BRACKET OR POLE; AS NEVER TO BECOME A FALL HAZARD. ALL MATERIALS NUTS, BOLTS, SHIMS OR SPACERS USED IN MINOR ADJUSTMENTS, MUST BE EITHER STAINLESS STEEL OR GALVANIZED; HALF WASHERS ARE PROHIBITED. ANY MINOR ADJUSTMENTS TO ACCOMMODATE ANTENNA MOUNTS AND EQUIPMENT SHOULD BE DONE IN A PROFESSIONAL MANOR WITH SAFETY AND AESTHETICS IN MIND. SHOULD YOU HAVE ANY QUESTIONS CONTACT YOUR ASSIGNED CONSTRUCTION PROJECT MANAGER OR ENGINEER FOR GUIDANCE.

MANUFACTURER: HUBBELL
EQUIP.: C6CS012
SIZE A: 6 IN
SIZE B: 12" IN
WEIGHT: 3.50 LBS
*ACCOMMODATES 5/8" MACHINE BOLT & 1/2" LAG SCREW

MANUFACTURER: HUBBELL
EQUIP.: CSTK4
SIZE A: 4-1/2 IN
SIZE B: 7-1/8 IN
SIZE C: 7-3/16 IN
SIZE D: 5.3/8 IN
WEIGHT: .065 LBS

PART# C6CS012
4-WAY T-SLOT
END VIEW CAPTURES 1/2" BOLD HEADS
1 1/2"
PART# CSTK4
1 1/4"
1/2" X 1 1/4" HEX HEAD BOLT

RISER MOUNTING DETAIL SCALE N.T.S. **10**

MANUFACTURER: AIRSPAN
MODEL: AH 1000D
(OR APPROVED EQUAL)
HEIGHT: 18.9 IN
WIDTH: 9.6 IN
DEPTH: 7.48 IN
WEIGHT: 34.14 LBS
MOUNT WEIGHT: 2.04 LBS

9.6"
7.48"
PLAN
AC/DC CONVERTER
18.9"
BACK FRONT SIDE
NEW GPS PER MANUFACTURER'S APPROVED SPECS

REMOTE RADIO HEAD SCALE N.T.S. **7**

MANUFACTURER: AIRSPAN
MODEL: IR460
(OR APPROVED EQUAL)
HEIGHT: 13 IN
DIAMETER: 7 IN Ø
DEPTH: 7 IN
WEIGHT: 8.8 LBS

7"
13"
TOP FRONT
ISOMETRIC VIEW TOP FRONT SIDE
5.1"
4.2"
1.5"
SHARED POLE STRAP FEATURE

UE RELAY SCALE N.T.S. **4**

MANUFACTURER: ALPHA WIRELESS
MODEL: AW3477-S
HEIGHT: 29.5 IN
DIAMETER: 4.5 IN Ø
WEIGHT: 8.8 LBS
MOUNT WEIGHT: 1.1 LB

4.5" Ø
29.5"
SIDE FRONT PLAN BOTTOM

OMNI-DIRECTIONAL ANTENNA SCALE N.T.S. **1**

EXISTING UTILITY POLE
NEW STAND OFF BRACKET
CABLE RISER COVER
FINISHED GRADE
RADIUS 36" MIN.
SCHED 40 PVC ELBOW
SCHEDULE 40 PVC CONDUIT PER PLAN

RISER DETAIL SCALE N.T.S. **11**

MANUFACTURER: SIEMENS
MODEL: GNF321R
TYPE-3R DISCONNECT
(OR APPROVED EQUAL)
HEIGHT: 9.9 IN
WIDTH: 8.8 IN
DEPTH: 4.5 IN
WEIGHT: 24 LBS

PLAN
8.8"
9.9"
FRONT SIDE
4.5"
ON
OFF

NEMA-3R DISCONNECT SWITCH SCALE N.T.S. **8**

MANUFACTURER: VALMONT
MODEL: CLH
(OR APPROVED EQUAL)
HEIGHT: 4 IN
WIDTH: 3 IN Ø
DEPTH: 1 IN
WEIGHT: <0.1 LBS EA

(N) 1" STAINLESS STEEL CLAMP BAND
(N) VALMONT CLAMP HEADS, PART # CLH
(E) STREET LIGHT POLE
4"
3"
4'-0"
SIDE FRONT PLAN
(N) 1" STAINLESS STEEL CLAMP BAND
(N) VALMONT CLAMP HEADS, PART # CLH
(E) STREET LIGHT POLE

STEEL CLAMP HEAD SCALE N.T.S. **5**

MANUFACTURER: ALPHA WIRELESS
MODEL: AW3477-S PTM
(OR APPROVED EQUAL)
HEIGHT: 21.5 IN
WIDTH: 3.15 IN
DEPTH: 7.16 IN
WEIGHT: 1.1 LB

7.16"
PLAN
3.15"
FRONT SIDE
21.5"

POLE-TOP MOUNT SCALE N.T.S. **2**

MANUFACTURER: HUBBELL POWER SYSTEMS
MODEL: C6CS024
(OR APPROVED EQUAL)
HEIGHT: 5.5 IN
DEPTH: 6.5 IN
WIDTH: 5.5 IN
WEIGHT: 5 LBS

ISOMETRIC
4-WAY T-SLOT
TOP
5.5"
FRONT SIDE
6.5"
1/2" Ø THROUGH BOLT
WOOD UTILITY POLE

STAND-OFF MOUNT SCALE N.T.S. **12**

MANUFACTURER: RAYCAP
MODEL: RSTAC-3111-P-120
HEIGHT: 13.1 IN
WIDTH: 11.4 IN
DEPTH: 4.4 IN
WEIGHT: 8 LBS

PLAN
4.4"
FRONT
13.1"
BOTTOM FRONT OPEN
11.4"

AC DISTRIBUTION PANEL SCALE N.T.S. **9**

MANUFACTURER: PCTEL
MODEL: 3971D-DH-W
(OR APPROVED EQUAL)
HEIGHT: 2.48 IN
DIAMETER: 2.36 IN
WEIGHT: 0.11 LB

2.4" Ø
PLAN
2.5"
ELEVATION
BOTTOM
ELEVATION ATTACHMENT
SEE ENLARGED

GPS ANTENNA SCALE N.T.S. **6**

MANUFACTURER: EATON
MODEL: U114TB
(OR APPROVED EQUAL)
HEIGHT: 24 IN
WIDTH: 12 IN
DEPTH: 4.63 IN
WEIGHT: 21 LBS

PLAN
12"
ELEVATION SIDE
24"
4.63"

METER SOCKET SCALE N.T.S. **3**



MOBILITIE, LLC

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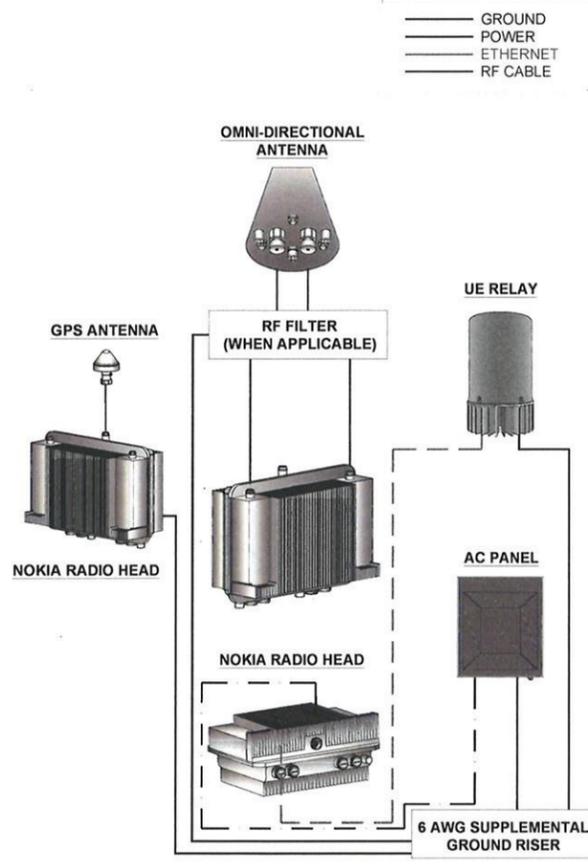
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SITE ID:
9UTB000533B
SITE LOCATION:
4TH N. STREET PRICE, UT 84501
4TH N. ST. & N. 100 E.
NEW UTILITY WOOD POLE

SHEET TITLE
DETAILS

SHEET NUMBER
D-1

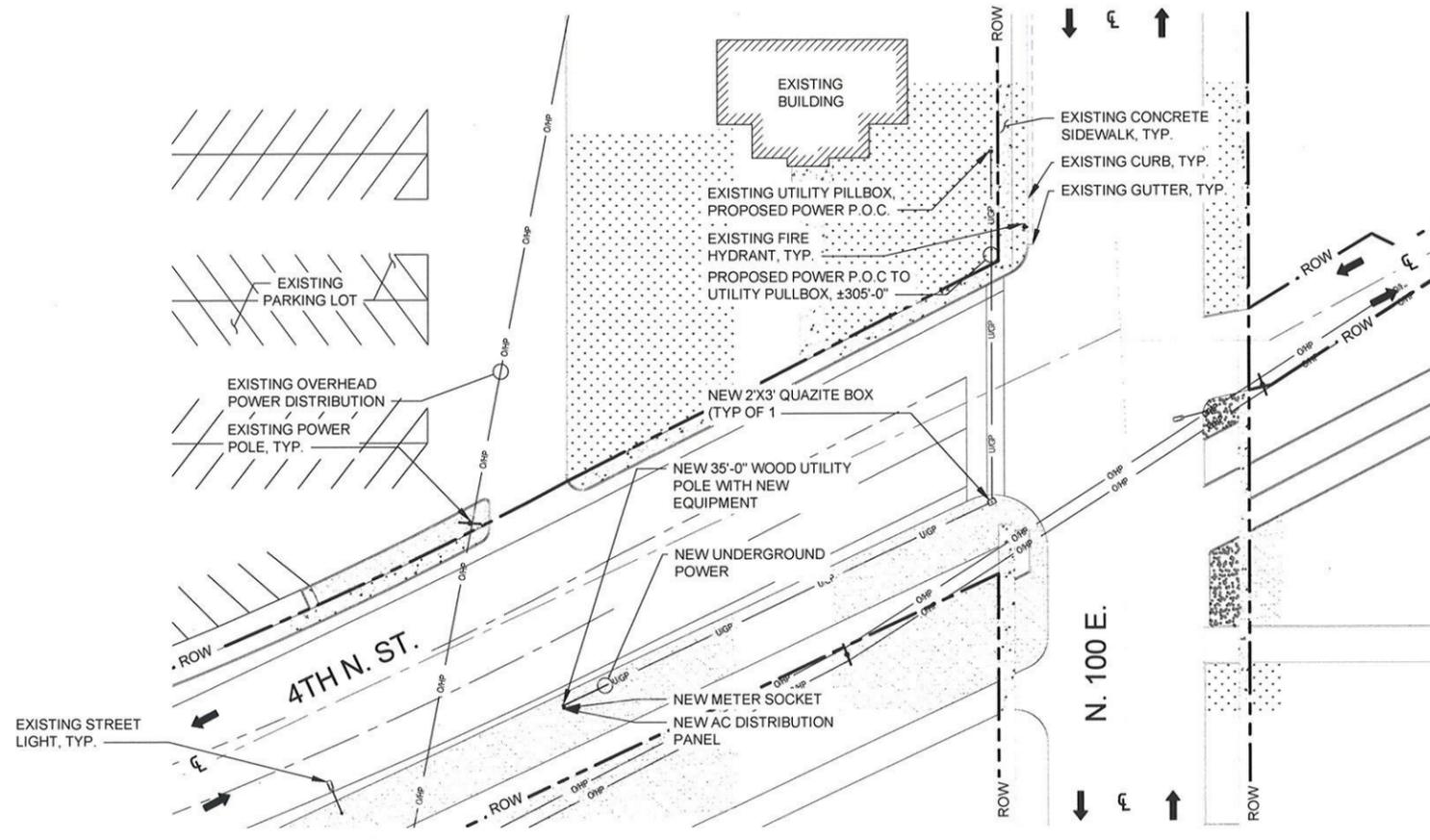
			 <p>OWNER / OPERATOR NOTE: SITE ID LABEL TO BE AFFIXED WITH TZ&S241 LABELING TAPE OR EQUIVALENT BLACK ON WHITE LABELING TAPE OF AT LEAST 18mm WIDTH WITH EXTRA-STRENGTH ADHESIVE. USE ANY COMPATIBLE P-TOUCH LABEL MAKER. TEXT SHOULD BE PRINTED IN ALL CAPS WITH A MINIMUM HEIGHT OF 1/2".</p>	 <p>MOBILITIE, LLC</p> <p>DRAWN BY: CB DATE: 05/30/2016</p> <table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>05/30/2016</td> <td>90% CONSTRUCTION</td> <td>CB</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	REV	DATE	DESCRIPTION	BY	A	05/30/2016	90% CONSTRUCTION	CB																																								
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NOT USED	SCALE N.T.S. 10 NOT USED	SCALE N.T.S. 7 NOT USED	SCALE N.T.S. 4 EMERGENCY CONTACT SIGN	SCALE N.T.S. 1																																																
			 <p>ANTENNA SIGNAGE: ON WOOD POLES - SIGN ON ALUMINUM WITH SS SCREW TO THE POLE ON METAL POLES - ADHESIVE VINYL OR PLACARD STRAPPED WITH SS TIES ON CONCRETE / COMPOSITE - PLACARD STRAPPED WITH SS TIES</p> <p>SIGN PLACEMENT: AFFIX TO THE STRUCTURE 3-4' BELOW THE COMMERCIAL RF ANTENNA(S) SIZE APPROX. 8" x 5.5"</p>	<p>IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.</p> <p>SITE ID: 9UTB000533B SITE LOCATION: 4TH N. STREET PRICE, UT 84501 4TH N. ST. & N. 100 E. NEW UTILITY WOOD POLE</p>																																																
NOT USED	SCALE N.T.S. 11 NOT USED	SCALE N.T.S. 8 NOT USED	SCALE N.T.S. 5 ANTENNA SIGNAGE	SCALE N.T.S. 2																																																
				<p>SHEET TITLE DETAILS</p> <p>SHEET NUMBER D-2</p>																																																
NOT USED	SCALE N.T.S. 12 NOT USED	SCALE N.T.S. 9 NOT USED	SCALE N.T.S. 6 NOT USED	SCALE N.T.S. 3																																																



WIRING DIAGRAM

SCALE
N.T.S.

UTILITY PLAN



24"x36" SCALE: 1" = 30'-0"
11"x17" SCALE: 1" = 60'-0"

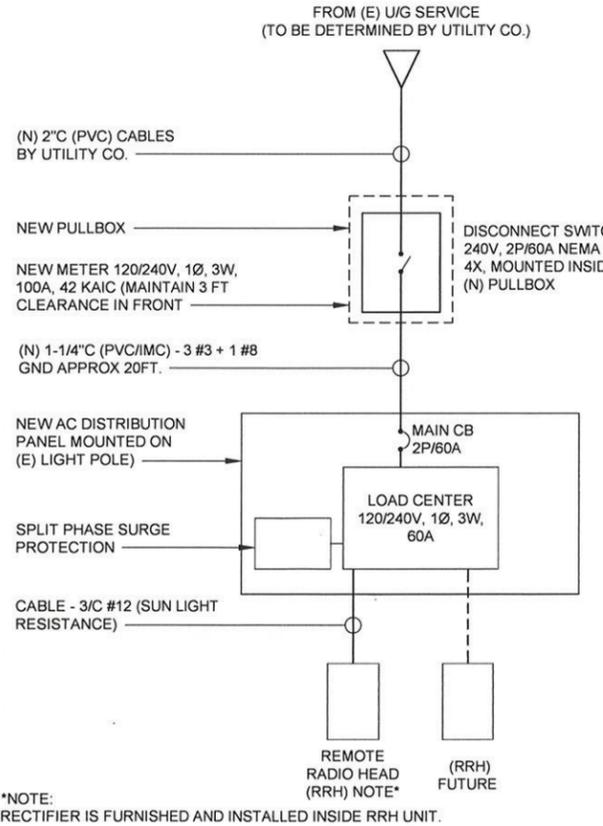
30' 15' 0' 30'



MOBILITIE, LLC

DRAWN BY: CB
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ONE-LINE DIAGRAM

24"x36" SCALE: NTS
11"x17" SCALE: NTS

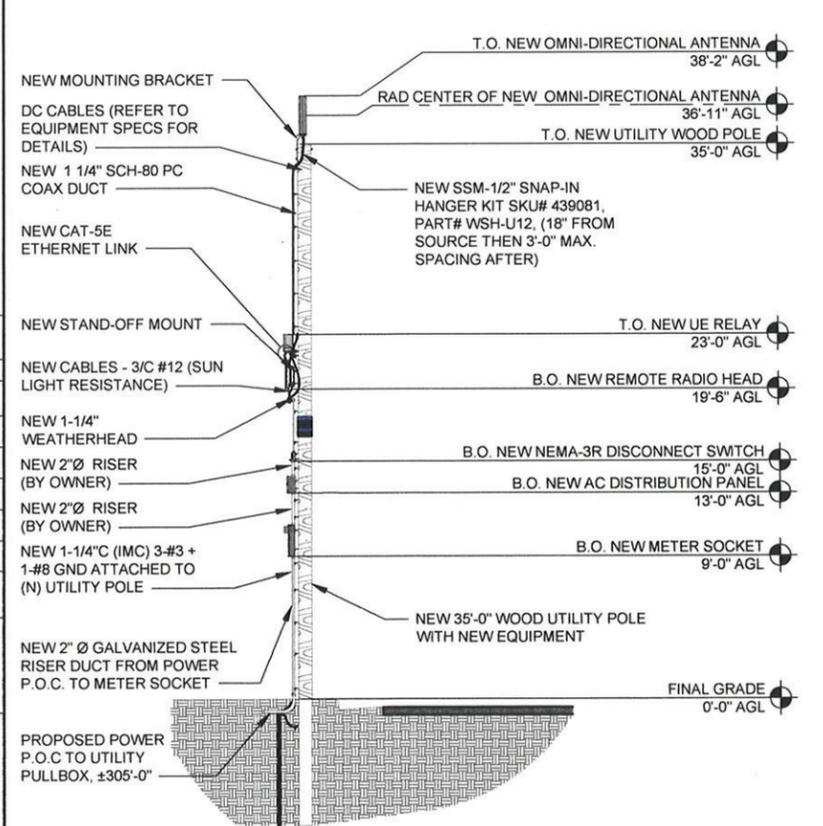
VOLTAGE: 120/240V, 1 PHASE, 3W, 100A, 10KAIC
MAIN CB: 2P/60A
BUS: 100A

LOCATION: MOUNTED ON LIGHT POLE
NEMA: 3R

PANEL "A"					PANEL "A"					VOLT AMPS			
PHASE A	PHASE B	DESCRIPTION	POLE	BKR	CKT	PHASE A	PHASE B	DESCRIPTION	POLE	BKR	CKT	PHASE B	PHASE A
1200	-	RECTIFIER 1	1	15	1	2	60	2	MAIN CB	-	-	-	-
-	1200	RECTIFIER 2 (FUTURE)	1	15	3	4	-	-	-	-	-	-	-
-	-	SPARE	1	15	5	6	20	1	G.F.I.	360	-	360	-
1200	1200												
PHASE A = 1,560						PHASE A = 1,200							
CONNECTED LOAD = 2,760 VA DESIGN AMP. = 11.5A													
NOTE: RECTIFIER (AC/DC CONVERTER) IS FURNISHED AND INSTALLED INSIDE REMOTE RADIO HEAD (RRH)													

POLE INFORMATION / NEW PANEL SCHEDULE

24"x36" SCALE: NTS
11"x17" SCALE: NTS



UTILITY ELEVATION

24"x36" SCALE: 3/16" = 1'-0"
11"x17" SCALE: 3/32" = 1'-0"

4' 2' 0' 4'

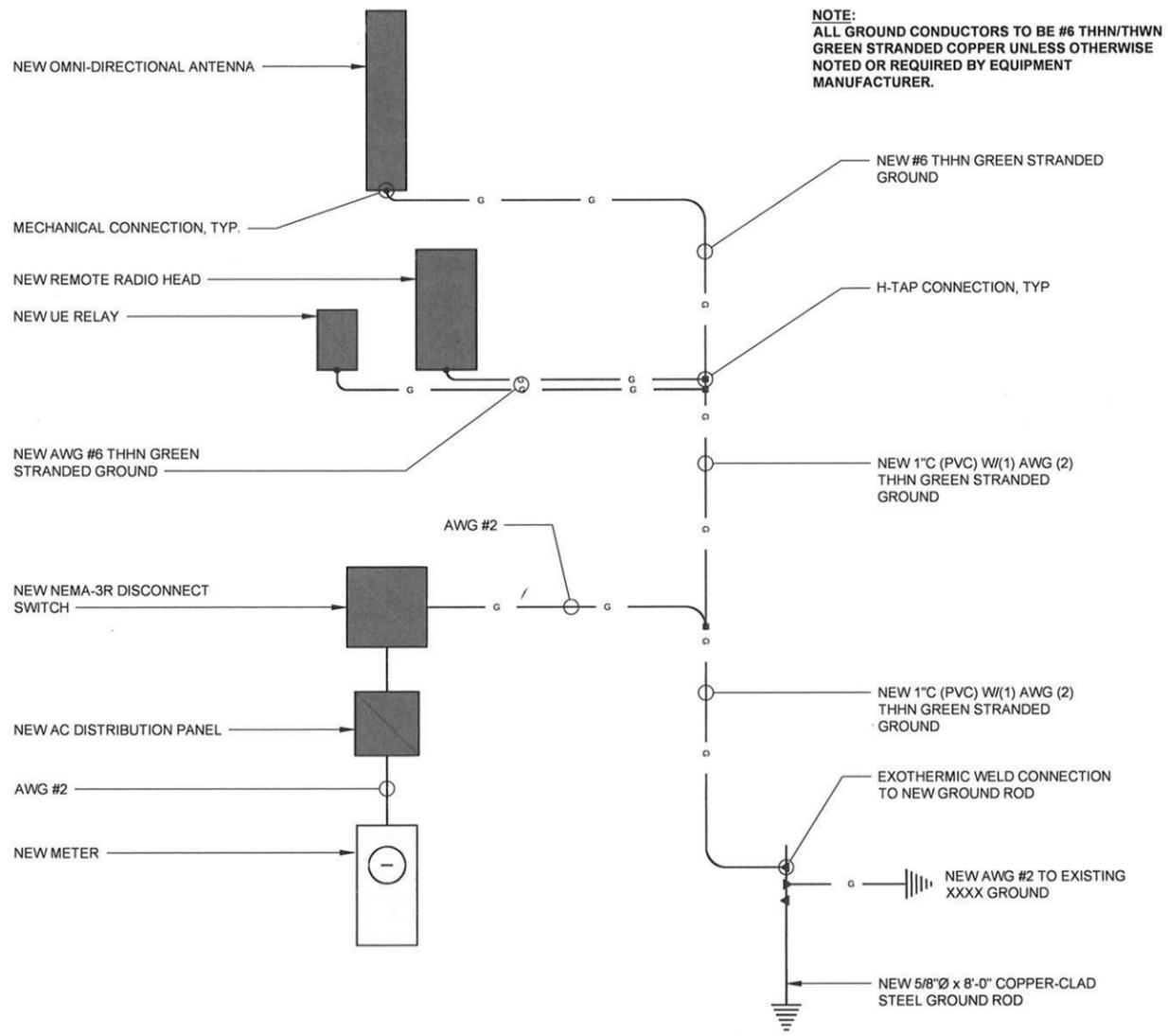
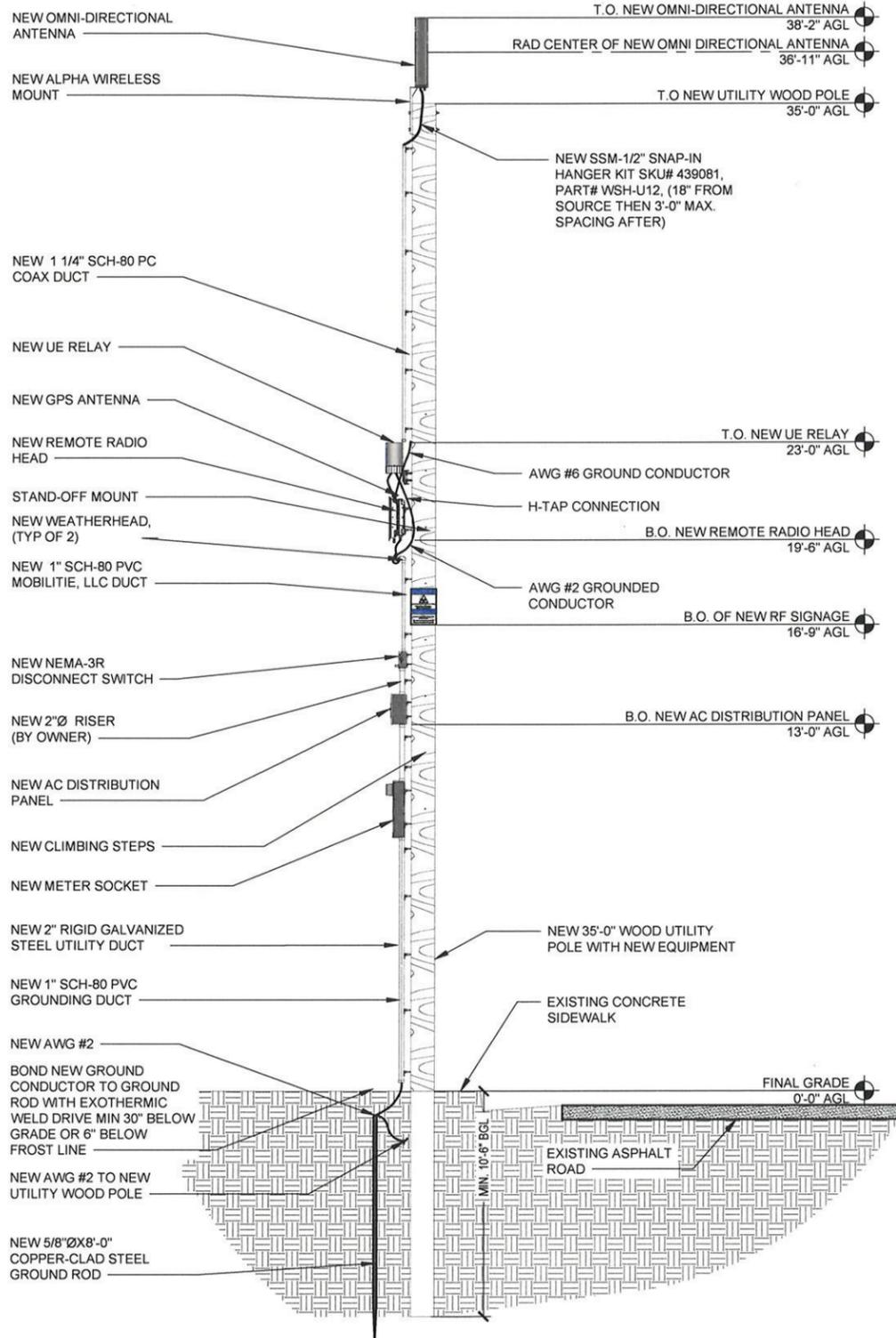
SITE ID:
9UTB000533B
SITE LOCATION
4TH N. STREET PRICE, UT 84501
4TH N. ST. & N. 100 E.

NEW UTILITY WOOD POLE

SHEET TITLE
ELECTRICAL PLAN

SHEET NUMBER
E-1

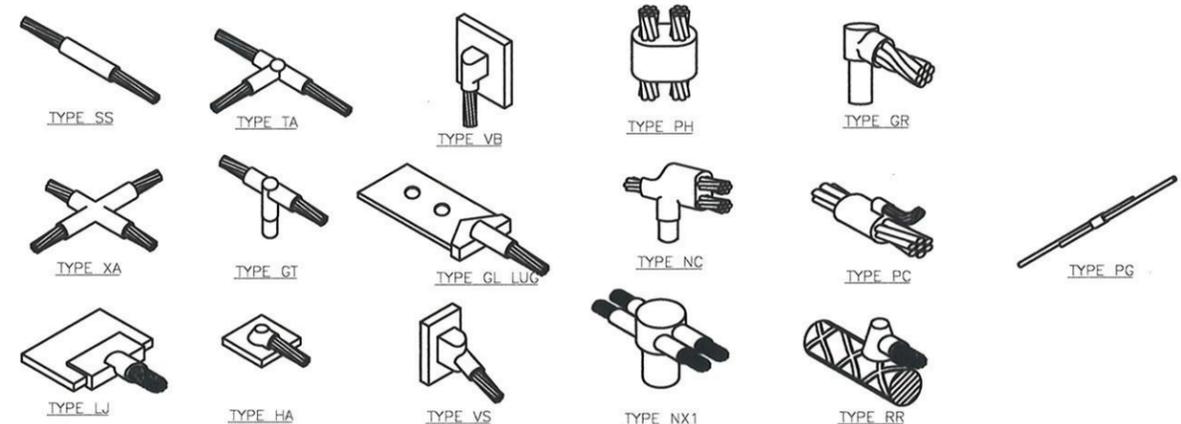
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NOTE:
ALL GROUND CONDUCTORS TO BE #6 THHN/THWN GREEN STRANDED COPPER UNLESS OTHERWISE NOTED OR REQUIRED BY EQUIPMENT MANUFACTURER.

GROUNDING SCHEMATIC

24"x36" SCALE: NTS
11"x17" SCALE: NTS **1**



TYPICAL CADWELD TYPES

24"x36" SCALE: NTS
11"x17" SCALE: NTS **2**

- GROUND BONDS:** ALL BONDS ARE TO BE MADE WITH #6 AWG STRANDED COPPER IN GREEN INSULATION. (ATT-TP-76416 7, 6.7)
- EXTERIOR UNIT BONDS:** ALL METALLIC OBJECTS SHALL BE BONDED TO THE GROUND ROD. (ATT-TP-76416 7, 12.6)
- GROUND ROD:** UL LISTED COPPER CLAD STEEL GROUND ROD WITH MINIMUM DIAMETER OF 5/8" AND MINIMUM LENGTH OF 8 FEET. ALL GROUND RODS MAY BE INSTALLED WITH INSPECTION SLEEVES. GROUND RODS SHALL BE DRIVEN TO A MINIMUM DEPTH OF 30" BELOW GRADE OR 6 INCHES BELOW FROST LINE. (ATT-TP-76416 1.4 / 2.2, 3, 10)

GROUNDING NOTES



MOBILITIE, LLC

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9UTB000533B
SITE LOCATION:
4TH N. STREET PRICE, UT 84501
4TH N. ST. & N. 100 E.
NEW UTILITY WOOD POLE

SHEET TITLE
GROUNDING PLAN

SHEET NUMBER
G-1

GROUNDING SCHEMATIC

24"x36" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"
2 1' 0' 2 **4**

3

ACKNOWLEDGEMENT AGREEMENT FOR CONDITIONS OF LAND USE AS REQUIRED BY THE PRICE CITY PLANNING AND ZONING DEPARTMENT AND AS AGREED TO BY THE LAND USE APPLICANT FOR INSTALLATION OF UTILITY POLES WITHIN THE PUBLIC RIGHT-OF-WAY AT (1) 100 N 600 E WITHIN THE COMMERCIAL 1 ZONING DISTRICT; (2) 400 N BETWEEN 100 E AND CARBON AVENUE WITHIN THE PUBLIC FACILITIES ZONING DISTRICT, AND; (3) INTERSECTION OF MAIN STREET AND CARBONVILLE ROAD WITHIN THE COMMERCIAL 1 ZONING DISTRICT.

Purpose: the purpose of this agreement is to establish the terms and conditions of an agreement between Price City and **ROBERT TAYLOR, MOBILITE**, regarding the conditions of land use associated with Price City Land Use Management and Development Code (Code) as it is associated with **MOBILITE POLE INSTALLATION WITHIN THE PUBLIC RIGHT OF WAY.**

Parties: this agreement is made by and between Price City (City), 185 East Main Street, Price, Utah 84501 and **ROBERT TAYLOR**, (Applicant), for the property located at: **(1) 100 N 600 E; 400 N BETWEEN 100 E AND CARBON AVENUE; INTERSECTION OF MAIN STREET AND CARBONVILLE ROAD.**

Term: the term of this agreement commences on **AUGUST 22ND, 2016** and will perpetually run with the land unless terminated based on a change of use or other performance or compliance factors as outlined in the Price City Land Use Management and Development Code (Code). This contract is further subject to compliance with all Code requirements and other state, federal or local permitting.

The parties identified above hereby agree to the following:

Applicant Shall:

- Contact, discussion and coordination of final utility pole placement with both the Price City Public Works Department and neighboring/adjoining private property owners at each location finding that coordinated installation of utility infrastructure and equipment mitigate misunderstandings and serve to promote future development within the community.
 - Comments received to be considered and included in final pole placement locations at each respective location.
 - Coordinate metered connections to the Price City Electric System with the Price City Electric Department.
 - Traffic control during installation to be coordinated with the Price City Public Works Department.
 - Locations for any additional fiber line connections to be reviewed and approved by Price City prior to connections.
- Provision by Mobilitie to Price City of updated and amended pole installation plans that include information on wind loading and foundation stability signed and stamped by a structural engineer finding that properly prepared and engineered plans protect the health, safety and welfare of the community.
 - All poles to be placed to be made of steel, not wood
- Approval of installation of pole in location 1 not to exceed 120 feet in height, pole in location 2 not to exceed 35 feet in height, pole in location 3 not to exceed 46 feet in height finding that installations consistent with submitted documents mitigates misunderstandings.
- Specific notification of the canal company and provision of pole installation information for location 2 finding that the location is adjacent to the canal and State law requires notification of the canal company for development occurring adjacent to the canal.
 - Incorporation of comments received by canal company into final location of pole, foundation design, etc.
- Completion and full execution and approval of a franchise agreement between Mobilitie and Price City prior to installation of any poles finding that properly franchised utility providers protect the health, safety and welfare of the community.
- Procurement of Price City Building Permits based on amended and engineered stamped installation drawings received finding that properly permitted and inspected utility infrastructure protects the health safety and welfare of the community.
 - Installation restricted until updated, stamped and signed plans are submitted and building permits are issued.
- Installation of signage on each pole indicating the ownership of the pole and contact information for emergency or service and maintenance matters finding that properly identified utility infrastructure mitigates misunderstandings and promotes increased service to the community.
- Procurement of a Price City Business License for the lawful conduct of business within Price City finding that all businesses are required to be licensed for local operation by Price City.
- No conditions at the property or structure that violation the Price City Property Maintenance Code finding that properly maintained properties and structures protect area property values and is consistent with the Price City General Plan.

Price City Shall:

- Authorize the land use contemplated herein and under the terms and conditions set forth as indicated in the Code.

SIGNED THIS ____ DAY OF _____, 20____.

Price City

Applicant:

By Robert Oliver, Chair

ROBERT TAYLOR

ATTEST:

Sherrie Gordon, City Recorder

CONDITIONAL USE PERMIT

THIS PERMIT IS HEREBY APPROVED FOR:

A LAND USE OF: INSTALLATION OF THREE (3) UTILITY COMMUNICATION TOWERS WITHIN THE PUBLIC RIGHT-OF-WAY LOCATED AT: (1) 100 N 600 E WITHIN THE COMMERCIAL 1 (C-1) ZONING DISTRICT; (2) 400 N BETWEEN 100 E & CARBON AVENUE WITHIN THE PUBLIC FACILITIES (PF) ZONING DISTRICT; AND, (3) INTERSECTION OF MAIN STREET & CARBONVILLE ROAD WITHIN THE C-1 ZONING DISTRICT.

CONSISTENT WITH THE TERMS, CONDITIONS AND REQUIREMENTS SET FORTH BY THE PRICE CITY PLANNING AND ZONING COMMISSION, THE PRICE CITY COUNCIL AND THE PRICE CITY LAND USE MANAGEMENT AND DEVELOPMENT CODE.



SIGNATURE _____

DATE _____

REVIEW AND COMMENTS
BY: CONSULTANT, SHANE BAGGS
FOR MOBILITE INTELLIGENT INFRASTRUCTURE PROPOSAL

Overview

Mobilite Intelligent Infrastructure, (“Mobilite”) is a “Lease-to-Suit” Provider providing Nationwide Wireless Cellular Phone Companies access to Mobilite Multi-Carrier Communication Towers improving 3G, 4G, LTE & Wi-Fi wireless cellular service coverage. Mobilite is proposing the installation of three Utility Poles within Price City (“City”) Right-of-Way’s (“ROW’s”). Proposed Locations are listed by Mobilite Site ID and are located at:

Site ID 9UTX000272B: North West corner of 100 N 600 E – (120 ft. Steel Utility Pole)
Site ID 9UTB000533B: South Side of 400 N just East of 100 E – (35 ft. Wood Utility Pole)
Site ID 9UTB000302A: West Side of intersection at Main St and Carbonville Rd – (46 ft. Wood Utility Pole)

Comments

Mobilite Services to be Provided

The proposed Multi-Carrier Telecommunications Services to be offered by Mobilite would not provide any real benefit directly to the City and/or City Residents. Mobilite will profit from Mobil Cellular Phone Providers anytime their customers Mobil Phone Devices access any three of the proposed Mobilite Multi-Carrier Communication Towers. Mobil Cellular Phone Service is already accessible at, and around all three proposed Mobilite sites therefore the addition of these three proposed locations would not fill dead spots in current Mobil Cellular Coverage in the Price Area however, it will provide three additional connection points for Mobil Cellular Phone users.

Mobilite’s Proposed use of Utility Poles

The drawings provided by Mobilite refer to the use of utility poles however the equipment being installed on said utility poles will not provide utility service but rather will provide Multi-Carrier Communication Services. Site ID 9UTX000272B calls for a 120 ft. steel utility pole to be placed within the ROW’s on property currently owned by MOB Properties, LC. Given the height

of said pole the City should consider the impact a steel pole of such height will have to the property value, future development, ingress and egress to the property.

Wood utility poles are used to support overhead Power, Telephone & Cable Television wiring. Wood utility poles are placed in City ROW's with overhead cabling strung pole-to-pole supported by down guy wires and anchors. The proposed use of two un-guyed wood utility poles for site ID's 9UTB000533 & 9UTB000302A pose community safety concerns due to wind loading and equipment weight load on un-guyed wood utility poles at both locations. Telecommunication Carriers commonly use guyed or self-support steel and/or aluminum towers with high wind load ratings for this type of application. The Mobilite drawings do not contain an Engineering Stamp therefore the City should consider requiring Mobilite reach out to an Engineering Firm for review and approval of the drawings. Engineering approval should include wind load calculations at a 100 MPH minimum, equipment weight load stress and weakness caused by climbing steps, (see next paragraph about climbing steps) on the wood utility poles to insure the design, stability and support of wood utility poles will be sufficient for this type of application.

Climbing Steps

The drawings include climbing steps "climbing step pegs" on the wood utility poles. Use of climbing step pegs is a safety and structure concern. Over time the wood utility poles will begin to soften around the pegs due to weather and aging of the wood causing the pegs to become loose resulting in pulling out if weight from a climber is applied to the pegs. Installing climbing step pegs to wood utility poles also weakens the pole. Installing multiple climbing step pegs increases the weakness of the pole reducing the wind load and structural strength of the pole. Climbing step pegs can also be accessed by the general public unless the site has security fencing or other form of access denial to the climbing step pegs. I do not see security fencing or other access denial to the wood utility poles in the site plans. Communication equipment installed on the wood utility poles can be easily accessed by way of lineman pole climbing equipment, bucket truck or extension ladder avoiding the need for installing climbing step pegs. The City should consider having the climbing step pegs removed from the drawings or, security fencing or other access denial to the wood utility poles be added to the drawings.

Proposed Fiber Optic Line

Drawing ID 9UTX000272B Sheet Number 2.0 in Side Utility Pole Elevation shows a proposed fiber optic line in 4" conduit 4'-0" below grade. If Mobilite intends to run a fiber optic line at this location the City needs to be aware of and approve the fiber route.

Mobilite's Proposed Use of Price City Right-of-Way's

Mobilite is proposing use of City ROW's typically used for delivering Utility Services and Franchised Services like Landline Based Telephone & Cable Television. If Mobilite is granted access to City ROW's for non-typical use of ROW's a precedents would be set therefore the City should be prepared to receive additional proposals from other Multi-Carrier Communication Tower Companies and/or Mobil Telephone and Data Service Providers requesting similar access to City ROW's.

Should the City move forward with Mobilite's proposed access to City ROW's then a Franchise Agreement should be considered with a Franchise Fee Assessment similar to what the local Telephone and Cable Television Company pays for use of the City ROW's. Such agreement shall be non-exclusive, address subleasing of facilities located in ROW's, term & renewal window, etc., similar to the language that can be found in the current Telephone and Cable Television Franchise agreements between City and the local Telephone and Cable Television Company.

**AUTHORIZATION FOR MOBILITIE, LLC, TO OPERATE AND MAINTAIN
COMMUNICATIONS FACILITIES IN THE CITY OF PRICE, UTAH**

The City of Price, Utah (“Grantor”), having approved this agreement (“Authorization”) on the ____ day of _____, 2016 (“Effective Date”), this Authorization is made by and between Grantor, a body corporate and politic, and Mobilitie, LLC, a Nevada limited liability company (“Grantee”).

RECITALS

WHEREAS, the Grantor has the right and power to regulate and permit the installation, attachment, operation, and maintenance of communications facilities in the Public Right-of-Way within Grantor’s territorial boundaries; and

WHEREAS, Grantee wishes to construct, install, operate, and maintain communications facilities within the Public Right-of-Way.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, this agreement is entered into by and between the parties subject to the following terms and conditions:

SECTION 1. DEFINITIONS

For the purpose of this Authorization, the following terms, phrases, words and their derivations shall have the meaning given herein. Words not defined shall be given their meaning according to common usage within the communications industry. Words not defined that have no meaning within the communications industry shall be given their common and ordinary meaning:

- 1.1 “City” shall mean the area within the City limits of the City of Price, County of Carbon, in the State of Utah, including areas annexed during the term of this Authorization.
- 1.2 “FCC” shall mean the Federal Communications Commission.
- 1.3 “Grantee” shall mean Mobilitie, LLC, and its successors, transferees or assignees.
- 1.4 “Grantor” shall mean the City of Price.
- 1.5 “Owner” shall mean a person with a legal or equitable interest in ownership of real property.
- 1.6 “Person” shall mean any corporation, partnership, proprietorship, individual or organization, governmental organization, or any natural person.
- 1.7 “Public Property” shall mean any real property owned by Grantor other than a Public Right-of-Way.
- 1.8 “Public Right-of-Way” shall mean the surface, air space above the surface, and the area below any public street, road, highway, freeway, lane, path, public way, alley, court,

sidewalk, boulevard, parkway, drive, bridge, tunnel, park, parkway, waterway, easement or right-of-way now or hereafter held by Grantor, or dedicated for use by the Grantor, use by the general public, or use compatible with the Service or operations of the Network Equipment, as defined below in Section 1.11.

- 1.9 “Resident” shall mean a natural person who lives within the City.
- 1.10 “Service” means any Communications Service, as defined below in Section 1.12 that is offered to any Person in conjunction with, or distributed over, Network Equipment as provided hereunder.
- 1.11 “Network Equipment” shall mean all facilities and equipment used by Grantee to provide Service, including but not limited to antennas, cables, fiber, repeaters, microwaves, radios, wires, lines, waveguides, poles, towers, conductors, ducts, conduits, vaults, manholes, amplifiers, appliances, pedestals, or other associated conductors, converters, equipment or facilities, and related hardware, installed by Grantee at a particular location to be used for its distribution and provision of Communications Services and other lawful services within the City.
- 1.12 “Communications Service” shall mean the transmission, between or among points specified by the user, of information of the user’s choosing.

SECTION 2. GRANT OF AUTHORITY

- 2.1 Grantee Facilities. The Grantor hereby authorizes and permits Grantee to, from time to time during the term of this Authorization, erect, install, construct, operate, maintain, repair, locate, move, remove, replace, reattach, reinstall, reconstruct and retain Network Equipment in, on, over, under, upon, across and along the Public Rights-of-Way in the City.
- 2.2 Grantor Facilities. The Grantor hereby authorizes and permits Grantee to, from time to time during the term of this Authorization, install, construct, operate, maintain, repair, locate, move, remove, replace, reattach, reinstall, reconstruct and retain its Network Equipment in or on utility poles, conduit, street light poles, and other structures owned or controlled by the Grantor (“Grantor Facilities”) for the purposes of supporting the Network Equipment. In addition, Grantee shall have the right to draw electricity for the operation of the Network Equipment from the power source associated with each such attachment to Grantor Facilities, subject to the same usage charges that Grantor charges members of the public for such power usage, if any.
- 2.3 Third Party Facilities. The Grantor hereby authorizes and permits Grantee to, from time to time during the term of this Authorization, enter upon the Public Rights-of-Way and to install, construct, operate, maintain, repair, locate, move, remove, replace, reattach, reinstall, reconstruct and retain its Network Equipment in or on poles, conduit, and other structures owned by public utility companies or other entities located within the Public Rights-of-Way as may be permitted by the owning entity. All poles and conduit installed within the City shall be made available for attachment or use by Grantee, at just and

reasonable rates that are applied to public utilities under the formula presently established in 47 U.S.C. § 224.

- 2.4 Authorization Term. The initial term of this Authorization shall commence when adopted as of the Effective Date, and shall expire fifteen (15) years from said date, unless renewed as herein provided.
- 2.5 Conditions of Authorization. The rights afforded to Grantee under this Section 2 are granted subject to the conditions herein provided.

SECTION 3. CONSTRUCTION, OPERATION AND MAINTENANCE

3.1 Applications.

- A. For installing Network Equipment on Grantor Facilities, the proposed location(s) of the Network Equipment on Grantor Facilities shall be disclosed in writing to the Grantor by Grantee at least fifteen (15) days prior to Grantee physically entering the Public Rights-of-Way for purposes of installing or constructing such Network Equipment on Grantor Facilities. The written disclosure must include drawings and diagrams depicting the location(s) and manner of installation. The Grantor may refuse to allow attachment of Network Equipment to Grantor Facilities only where there is insufficient capacity, or for reasons related to safety, reliability, or generally applicable engineering standards. In no event shall the Grantor be obligated to replace any Grantor Facilities to accommodate the Network Equipment. Grantee must replace, at its sole cost and expense, any replacement pole owned by the Grantor that is needed to accommodate Network Equipment.
- B. For all other installations of Network Equipment, Grantee shall obtain all generally applicable, ministerial permits that are required of all occupants of the Public Rights-of-Way. The Grantor may impose on such permits only those conditions that are necessary to protect structures in the Public Right-of-Way, to ensure the proper restoration of the Public Right-of-Way and any structures located therein, to provide for protection and the continuity of pedestrian and vehicular traffic, and otherwise to protect the safety of the public's utilization of the Public Right-of-Way. The Grantor shall cooperate and use its best efforts in granting any permits or approvals required. Grantee shall not be required to obtain any permit or other authorization other than the authorizations and permissions granted under this Authorization and any additional generally applicable permit requirements identified in this Authorization, and in no event shall Grantor treat Grantee's permit applications in a more burdensome manner than Grantor treats Public Right-of-Way access permits of all other public utilities and Telecommunications Services providers.

- 3.2 Compliance with Law. The construction, operation, maintenance, and removal of the Network Equipment shall be in accordance with all applicable sections of the Occupational Safety and Health Act of 1970, as amended, the National Electrical Safety

Code, the National Electric Code and other applicable federal, state and local laws and regulations.

- 3.3 FAA. Any Network Equipment antennas and their supporting structures shall comply with applicable rules and regulations of the Federal Aviation Administration.
- 3.4 NESC. Grantee may cut or trim trees and vegetation interfering with National Electrical Safety Code and other clearance requirements.
- 3.5 Duty to Repair. Any Public Right-of-Way, public property or private property that is disturbed or damaged during, or as a result of, the construction, reconstruction, repair, replacement, relocation, operation or maintenance of the Network Equipment shall be promptly repaired by the Grantee, at its sole expense.

SECTION 4. INDEMNITY AND INSURANCE

4.1 Indemnity.

- A. Scope of Indemnity. To the extent permitted by law, and except for matters arising out of the Grantor's negligence, or the negligence of Grantor's agents and employees, Grantee shall, at its sole cost and expense, indemnify, hold harmless, and defend the Grantor, its officers, boards, commissions, agents and employees, against any and all claims, causes of action, proceedings, and judgments for damages or equitable relief caused by the construction, repair, maintenance, or operation of the Network Equipment.
- B. Duty to Give Notice and Tender Defense. The Grantor must give the Grantee timely written notice of the making of any claim or of the commencement of any action, suit or other proceeding in connection with the Network Equipment. In the event such claim arises, the Grantor or any other indemnified party shall tender the defense thereof to the Grantee and the Grantee shall have the right to defend, settle or compromise any claims arising hereunder and the Grantor shall cooperate fully therein.

4.2 Insurance.

- A. The Grantee shall maintain throughout the duration of the term of this Authorization, Commercial General Liability insurance and Commercial Automobile Liability insurance covering the Grantee against any and all claims, injury or damage to persons or property, both real and personal, caused by the construction, erection, operation or maintenance of the Network Equipment, in an amount not less than One Million Dollars (\$1,000,000) per occurrence (combined single limit), including bodily injury and property damage, and in an amount not less than Two Million Dollars (\$2,000,000) annual aggregate for each personal injury liability.
- B. The Grantee shall maintain throughout the duration of the term of this Authorization statutory workers' compensation and employer's liability insurance

in an amount not less than One Million Dollars (\$1,000,000) and shall furnish the Grantor with a certificate showing proof of such coverage.

- C. All policies shall name the Grantor, its officers, agents and employees, whether elected or appointed, as additional insureds.
- D. Grantee shall provide thirty (30) days' advance notice to the Grantor in the event of cancellation of any coverage.
- E. Evidence of all insurance required hereunder shall be furnished upon request to Grantor.

SECTION 5. REMEDIES

- 5.1 Notice of Violation. Grantor shall provide Grantee with a detailed written notice of any Authorization violation upon which it proposes to take action, and a ninety (90) day period within which Grantee may: (1) demonstrate that a violation does not exist or cure an alleged violation, (2) cure the violation, or (3) if the nature of the violation prevents correction of the violation within ninety (90) days, initiate a reasonable plan of action to correct such violation (including a projected date by which it will be completed) and notify the Grantor of such plan of action.
- 5.2 Default. If Grantee fails to disprove or correct the violation within ninety (90) days or, in the case of a violation which cannot be corrected in ninety (90) days and Grantee has failed to initiate a reasonable plan of corrective action and to correct the violation within the specified time frame, then Grantor may declare the Grantee in default, which declaration must be in writing. In the event that the Grantor declares Grantee in default, the Grantor shall have the right to institute legal proceedings to collect damages from the date of declaration of default, or to exercise any other rights and remedies afforded to the Grantor in law or equity, provided, however, that the Grantor may institute revocation proceedings against Grantee only after declaration of default, pursuant to Section 5.6 and only on the grounds set forth therein.
- 5.3 Hearing Available to Grantee. Within fifteen (15) days after receipt of a written declaration of default from the Grantor, Grantee may request, in writing, a hearing before the Grantor or its agent, in a full public proceeding affording due process. Such hearing shall be held within thirty (30) days of the receipt of the request therefor and a decision rendered within ten (10) days after the conclusion of the hearing. Any decision shall be in writing and shall be based upon written findings of fact.
- 5.4 Appeal of Default. Grantee may appeal a declaration of default to arbitration.
- 5.5 Procedures Applicable to Arbitration. Any arbitration held pursuant to this Authorization shall be conducted as follows under the rules of the American Arbitration Association or other rules upon the mutual agreement of the parties:
 - A. Grantor and Grantee (or such substitute party to the arbitration) each shall, within fifteen (15) days of the decision to proceed to arbitration, appoint one (1)

arbitrator experienced in the communications business, which arbitrators shall mutually select a third arbitrator of similar qualifications.

- B. Within thirty (30) days after appointment of all arbitrators and upon fifteen (15) days written notice to the parties to the arbitration, the arbitrators shall commence a hearing on the dispute.
- C. The hearing shall be recorded and may be transcribed at the request of either Grantor or Grantee.
- D. At the close of the hearings and within thirty (30) days, the arbitrators shall prepare written findings and serve such decision upon Grantor and Grantee.
- E. The decision of a majority of the arbitrators shall be binding upon the parties to the arbitration.
- F. Either party may seek judicial relief to the arbitrators' decision under the following circumstances:
 - (1) Either party fails to select an arbitrator;
 - (2) The arbitrators fail to select a third arbitrator;
 - (3) One (1) or more arbitrator is unqualified;
 - (4) Designated time limits have been exceeded;
 - (5) The arbitrators have not proceeded expeditiously; or
 - (6) Based upon the record, the arbitrators' decision is arbitrary, capricious, unsupported by substantial evidence, an abuse of discretion, or based upon a mistake of law.
- G. All costs of arbitration shall be borne equally by the parties to the arbitration unless otherwise ordered by the arbitrators.

5.6 Revocation. The Grantor may revoke the Authorization only after declaration of default and only for defaults by Grantee arising from the following circumstances:

- A. Material misrepresentation by Grantee to Grantor in information required to be provided under the Authorization.
- B. Grantee willfully or persistently violates any material orders or rulings of any regulatory body having jurisdiction over the Authorization.
- C. Grantee willfully fails to acquire the insurance required by the Authorization.

5.7 Procedures Governing Revocation.

- A. Grantor shall give written notice to the Grantee of its intent to revoke the Authorization and the grounds therefor pursuant to Section 5.6 above. Grantee shall have ninety (90) days from such notice to object, in writing, and to state its reasons for such objection. In the event the Grantor has not received a response that is reasonably satisfactory, it may then proceed to place its request for termination of the Authorization at a Council meeting. Grantor shall cause to be served upon the Grantee, at least ten (10) days prior to the time and place of such meeting, a written notice of this intent to request such termination, and the time and place of the meeting. Notice shall be published by the Grantor at least once, no later than ten (10) days prior to such a meeting, in a newspaper of general circulation within the City.
- B. In addition to the Grantee's right to appeal any declaration of default to arbitration proceedings under Section 5.4, if the Grantor orders the termination of this Authorization, the Grantee shall have the right to appeal the determination of the Grantor within thirty (30) days to any agency or court of competent jurisdiction for de novo review. The Grantor's determination to terminate this Authorization shall not be effective pending final resolution of all appeals under this Section.
- C. The governing body of the City may, at its sole discretion, take any other lawful action which it deems appropriate to enforce the Grantor's rights under the Authorization in lieu of revocation of the Authorization.

5.8 Unauthorized Operations. No person shall establish, operate or carry on the business of distributing to any persons in the City any signals by means of Network Equipment unless an Authorization therefor has first been obtained, and unless such Authorization is in full force and effect.

SECTION 6. AMENDMENT AND RENEWAL

6.1 Amendment. Applications to amend this Authorization, to accommodate a significant change in circumstances or to prevent unreasonable hardship to Grantee, may be made by the Grantee to Grantor. Grantor shall review such application within fourteen (14) calendar days, or at the earliest meeting of the governing body of Grantor, and act on a request within thirty (30) days. If Grantee cannot reach agreement with the Grantor on the amendment within such time, it may resort to the procedure of Section 5.5 above for resolution of the dispute.

6.2 Renewal.

- A. Unless earlier terminated by either party pursuant to the provisions of this Authorization, this Authorization shall renew automatically on the same terms and conditions as herein for three (3) successive terms of five (5) years each, for a total of up to fifteen (15) years beyond the initial term of this Authorization, if the Grantee has substantially complied with the material terms of the existing Authorization.

- B. As between the Grantor and the Grantee, the Grantee shall at all times retain ownership of the Network Equipment, and upon expiration or non-renewal shall be afforded a reasonable time to remove Network Equipment that is installed on or above the surface of the Public Rights-of-Way, or alternatively, sell the same to a qualified buyer consistent with applicable law.

SECTION 7. MISCELLANEOUS

7.1 Severability. If any law, ordinance, regulation or court decision renders any provision of this Authorization invalid, the remaining provisions of the Authorization shall remain in full force and effect.

7.2 Force Majeure. Grantee shall not be deemed in default, non-compliance, or in violation with any provision of this Authorization where performance was hindered or rendered impossible by war or riots, civil disturbances, natural catastrophes or other circumstances beyond the Grantee's control.

7.3 Nonexclusive.

A. This Authorization and the right it grants to use and occupy the Public Rights-of-Way shall not be exclusive and do not, explicitly or implicitly, preclude the issuance of other Authorizations to operate Network Equipment within the City; provided, however, that Grantor shall not authorize or permit another Person to construct, operate or maintain Network Equipment, or otherwise to utilize the Public Rights-of-Way for the provision of any Service, on material terms and conditions which are more favorable or less burdensome than those applied to Grantee.

B. In the event another Person provides Services on terms and conditions that are more favorable or less burdensome than the terms and conditions applicable to Grantee under this Authorization ("Third Party Authorization"), the Grantor shall adjust the terms and conditions in the Third Party Authorization or in this Authorization so that the terms and conditions under which such other Person operates are not more favorable or less burdensome than those that are applicable to Grantee.

7.4 No Waiver.

A. The failure of either party on one or more occasions to exercise a right or to require compliance or performance under this Authorization, or any other applicable law, shall not be deemed to constitute a waiver of such right or a waiver of compliance or performance by such party, unless such right or such compliance or performance has been specifically waived in writing.

B. Both the Grantor and the Grantee expressly reserve all rights they may have under law to the maximum extent possible; neither the Grantor nor the Grantee shall be deemed to have waived any rights they may now have or may acquire in the future by entering into this Authorization.

- 7.5 Attorneys' Fees. Should any dispute arising out of this Authorization lead to arbitration or litigation, the prevailing party shall be entitled to recover its costs of suit, including (without limitation) reasonable attorneys' fees.
- 7.6 Consent Criteria. In any case where the approval or consent of one party hereto is required, requested or otherwise to be given under this Authorization, such party shall not unreasonably delay, condition, or withhold its approval or consent.
- 7.7 Notice. Any and all notices which shall or may be given pursuant to this Authorization must be in writing and delivered by hand or (a) through the United States mail, by registered or certified mail; (b) by prepaid overnight delivery service; or (c) by email transmission, if a hard copy of the same is delivered through the United States Postal Service or by overnight delivery service, to the following addresses:

if to Grantor:

if to Grantee:

Mobilitie, LLC
Attn: Legal Department
2220 University Drive
Newport Beach, CA 92660

Each party shall provide timely notice to the other of changes in the address for notification under this provision. Notice shall be deemed effective upon receipt in the case of hand delivery, three (3) days after delivery by the United States Postal Service, or the next business day if delivery is effectuated by email or overnight delivery service.

- 7.8 Representations and Warranties. Each of the parties to this Authorization represents and warrants that it has the full right, power, legal capacity, and authority to enter into and perform the parties' respective obligations hereunder and that such obligations shall be binding upon such party without the requirement of the approval or consent of any other person or entity in connection herewith.
- 7.9 Entire Agreement. This Authorization and all attachments hereto represent the entire understanding and agreement between the parties hereto with respect to the subject matter hereof, supersedes all prior oral negotiations between the parties, and can be amended, supplemented, modified or changed only by an agreement in writing which makes specific reference to this Authorization or the appropriate attachment and which is signed

by the party against whom enforcement of any such amendment, supplement, modification or change is sought.

- 7.10 Laws Governing. This Authorization shall be governed by and construed in accordance with the laws of the State of Utah, and applicable federal law.

[Remainder of page intentionally left blank – signature page follows]

IN WITNESS WHEREOF, and in order to bind themselves legally to the terms and conditions of this Authorization, the duly authorized representatives of the parties have executed this Authorization as of the dates set forth below.

Grantor: CITY OF PRICE

By: _____
Name: _____
Its: _____
Date: _____

Grantee: MOBILITIE, LLC

By: _____
Name: _____
Its: _____
Date: _____

PASSED AND ADOPTED as of the Effective Date.

ATTEST:

CITY OF PRICE

By: _____
City Clerk

Name: _____