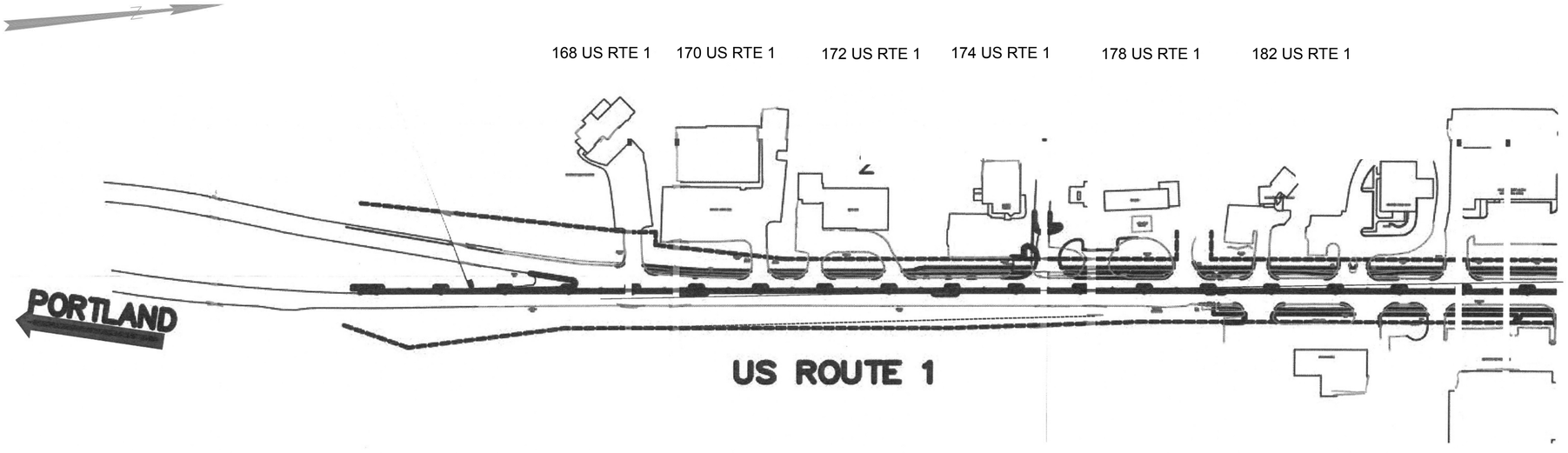
ROUTE ONE SOUTH UTILITY PROJECT
TOWN OF FALMOUTH

TOWN OF FALMOUTH
INCORPORATED
1718
MAINE

US ROUTE 1

INDEX OF SHEETS



PREPARED BY: Stantec

DRAWN: | DATE: FEBRUARY 2014
DESIGNED: | SCALE:
CHECKED: | JOB NO. SF-M091
FILE NAME:

REV	DESCRIPTION	REVISIONS
3	Record Drawing	
2	Revised to Reflect VE Items	
1	ISSUED FOR CONSTRUCTION	

PROJECT: ROUTE 1 SOUTH UTILITY PROJECT
FALMOUTH, MAINE

SHEET TITLE: TITLE SHEET

PREPARED FOR: TOWN OF FALMOUTH

GENERAL NOTES

1. CONDUIT RUNS AND HANDHOLES ARE SHOWN FOR DIAGRAMMATIC PURPOSES ONLY AND SHALL BE ADJUSTED TO MATCH EXISTING AND PROPOSED CONDITIONS AS DIRECTED BY THE RESIDENT ENGINEER.
2. THE CONTRACTOR SHALL VISIT THE JOB SITE WITH THE CONTRACT DOCUMENTS AND INVESTIGATE ALL CONDITIONS AFFECTING THIS WORK. THE CONTRACTOR SHALL BE FAMILIAR WITH THE LOCATION AND SITE OF THE WORK, AND SHALL VERIFY DIMENSIONS, QUANTITIES, ACTUAL INSTALLATION CONDITIONS, CONFLICTS, AND STORAGE FACILITIES.
3. ALL CONDUIT AND EQUIPMENT TO BE INSTALLED AND GROUNDED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE, MAINE ELECTRICAL CODE AND APPLICABLE LOCAL CODES.
4. ALL EQUIPMENT AND MATERIALS SHALL BE UL LISTED FOR ITS INTENDED PURPOSE.
5. WIRE SIZES SHALL BE BASED ON AMERICAN WIRE GAUGE (AWG), AS APPLIED TO COPPER CONDUCTORS. THE CONDUCTOR INSULATION SHALL BE TYPE THW.
6. WIRE AND CABLE FURNISHED AND USED SHALL BE NEW. WIRE AND CABLE SHALL BE PROTECTED FROM WEATHER AND DAMAGE DURING STORAGE AND HANDLING.
7. THE CONTRACTOR SHALL ADHERE TO ALL REGULATIONS IMPOSED BY THE MAINE DEPARTMENT OF TRANSPORTATION–HIGHWAY DIVISION.
8. ALL WIRE SHALL BE CONTINUOUS WITHOUT RUNNING SPLICES IN CONDUITS. ALL WIRES SHALL EXTEND 24" ABOVE THE PULL BOX, CONNECTED AT ENDS AND ROLLED BACK INTO THE PULL BOX.
9. SPLICES SHALL BE RATED AS SUBMERSIBLE.
10. THE LOCATIONS OF EXISTING SUBSURFACE UTILITIES SHOWN ON THE PLANS WERE COMPILED FROM AVAILABLE RECORD DRAWINGS AND ARE NOT WARRANTED TO BE CORRECT. THE LOCATIONS ARE APPROXIMATE ONLY AND IN SOME CASES MAY BE INCOMPLETE. THE CONTRACTOR SHALL NOTIFY ALL AGENCIES REQUIRED AND VERIFY THE LOCATION OF ALL EXISTING SUBSURFACE UTILITIES PRIOR TO PERFORMING ANY WORK.
11. THE LOCATIONS OF EXISTING FEATURES SHOWN ON THE PLANS, SUCH AS CURB LINES, SIDEWALKS, BRIDGE STRUCTURES, BASELINES, LAYOUT AND STREET LINES, STREET LIGHT POLES AND HANDHOLES, CATCH BASINS, MANHOLES, SIGN POSTS, ETC. WERE COMPILED FROM MAINE DOT RECORD DRAWINGS. THESE FEATURES ARE APPROXIMATE ONLY AND ARE NOT LOCATED AS A RESULT OF A TOPOGRAPHIC/INSTRUMENT SURVEY. THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING FEATURES PRIOR TO PERFORMING ANY WORK.
19. PRIOR TO THE INSTALLATION OF PROPOSED UTILITIES, THE CONTRACTOR SHALL EXCAVATE TEST PITS AT LOCATIONS OF UTILITY CROSSINGS TO VERIFY DEPTHS OF EXIST. PIPES, CONDUITS OR OTHER FACILITIES AS DIRECTED BY ENGINEER.
20. WHERE A NEW PAVEMENT SHALL MEET EXISTING PAVEMENT, THE JOINT SHALL BE SAWCUT TO A NEAT VERTICAL LINE.
21. THE CONTRACTOR SHALL MAINTAIN AREAS IN AND AROUND THE WORK ZONE FREE AND CLEAR OF DEBRIS AT ALL TIMES. NO STOCK PILING OF EQUIPMENT OR MATERIAL SHALL BE PERMITTED OUTSIDE OF FIXED WORK ZONES.
22. THE CONTRACTOR SHALL INSTALL OTHER NECESSARY TEMPORARY REGULATORY AND WARNING SIGNS DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER FOR OTHER INCIDENTAL CONSTRUCTION ACTIVITIES. ALL SIGNAGE AND TRAFFIC CONTROL DEVICES USED MUST CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", 2003 EDITION.
23. FOR CONDUIT TRENCHING DETAILS, REFERENCE THE MAINE STANDARD SPECIFICATIONS SECTION 626–031.
24. INSTALL A NYLON PULL STRING IN ALL EMPTY CONDUITS.

ELECTRICAL – GENERAL NOTES

1. ALL EXISTING MEDIUM VOLTAGE DEMOLITION TO BE PERFORMED BY CENTRAL MAINE POWER (CMP).
2. ALL EXISTING LOW VOLTAGE DEMOLITION PRIOR TO THE POINT OF ATTACHMENT TO BE PERFORMED BY CMP.
2. ALL EXISTING LOW VOLTAGE DEMOLITION AFTER THE POINT OF ATTACHMENT TO BE PERFORMED BY THE ELECTRICAL CONTRACTOR.
3. FOR TRANSFORMER PAD DETAILS REFERENCE SECTION 908 AND ILLUSTRATIONS 23, 24, 25, & 25 OF THE CENTRAL MAINE POWER HANDBOOK.

TELEPHONE – GENERAL NOTES

1. ALL EXISTING TELEPHONE SYSTEM DEMOLITION TO BE PERFORMED BY FAIRPOINT COMMUNICATIONS.
2. UNDERGROUND WIRING AND SPLICING PERFORMED BY FAIRPOINT COMMUNICATIONS.

CCTV – GENERAL NOTES

1. ALL EXISTING CCTV SYSTEM DEMOLITION TO BE PERFORMED BY TIME WARNER CABLE.
2. UNDERGROUND WIRING AND SPLICING PERFORMED BY TIME WARNER CABLE.

COMMUNICATIONS – GENERAL NOTES

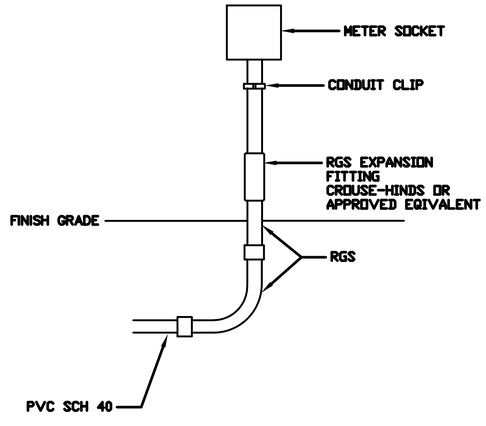
1. ALL EXISTING COMMUNICATION SYSTEM DEMOLITION TO BE PERFORMED BY OXFORD NETWORKS.
2. UNDERGROUND WIRING AND SPLICING PERFORMED BY OXFORD NETWORKS.

LIGHTING LEGEND

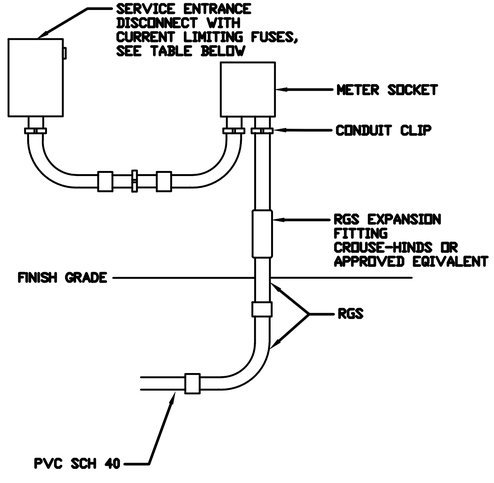
⏚	GROUND
B1	NEW TYPE B1 HANDHOLE (24"X12"X18") FOR USE OFF ROADWAY FOR LIGHTING CONDUIT
B2	NEW TYPE B2 HANDHOLE (24"24"X18") FOR USE IN OR OFF ROADWAY FOR LIGHTING CONDUIT
△	NEW TRANSFORMER SUPPLIED BY CENTRAL MAINE POWER
P	TELEPHONE OR CCTV PEDESTAL
H	NEW UTILITY HANDHOLE
EMX	4'(W)X6'(L)X4'(D) ELECTRICAL MANHOLE
TMX	7'(W)X13'(L)X8'(D) TELEPHONE MANHOLE
OMX	4'(W)X6'(L)X4'(D) COMMUNICATIONS MANHOLE
▭	LOAD CENTER
⌀	UTILITY POLE EXISTING
——UGE——	UNDERGROUND ELECTRICAL
——OHU——	OVERHEAD UTILITY
—— ON ——	OXFORD NETWORKS
——TWC——	TIME WARNER CABLE
——UGT——	UNDERGROUND TELEPHONE
——OTT——	OTT COMMUNICATIONS
— — — — — —	PROPERTY LINE

ABBREVIATIONS:

A	AMPERE
AWG	AMERICAN WIRE GAUGE
BRGS	BEARINGS
CKT, CKTS	CIRCUIT, CIRCUITS
C	CONDUIT
CCTV	CLOSED CIRCUIT TELEVISION
CEM	CEMENT
CONC	CONCRETE
CONN.	CONNECTOR
DIA	DIAMETER
EB.	EASTBOUND
ELEC.	ELECTRIC
EMH	ELECTRIC MANHOLE
EOP	EDGE OF PAVEMENT
EXP	EXPANSION
FC	FAIRPOINT COMMUNICATIONS
G	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
HH	HANDHOLE
HLLC	HIGHWAY LIGHTING LOAD CENTER
HMA	HOT MIX ASPHALT
ITS	INTELLIGENT TRANSPORTATION SYSTEM
LC	LIGHTING CIRCUIT
MIN.	MINIMUM
NB.	NORTHBOUND
O	ORANGE
OD	OUTER DIAMETER
O.C.	ON CENTER
OHU	OVERHEAD UTILITY
ON	OXFORD NETWORKS
PROP	PROPOSED
P	POLE
PVC	POLYVINYL CHLORIDE
R&D	REMOVE AND DISPOSE
R&T	REMOVE AND TRANSPORT
RC	RECEPTACLE CIRCUIT
RM	RIGID METAL
RGS	RIGID GALVANIZED STEEL
RTE	ROUTE
SDWK	SIDEWALK
SPST	SINGLE POLE SINGLE THROW
SPDT	SINGLE POLE DOUBLE THROW
SB.	SOUTHBOUND
TWC	TIME WARNER CABLE
TYP.	TYPICAL
UGE	UNDERGROUND ELECTRICAL
UGT	UNDERGROUND TELEPHONE
VMS	VARIABLE MESSAGE SIGN
V	VOLT
WB.	WESTBOUND
W	WATT / WHITE–NEUTRAL
W/	WITH



METER SOCKET INSTALLATION
DETAIL 3
NOT TO SCALE



DISCONNECT/METER SOCKET INSTALLATION
DETAIL 4
NOT TO SCALE

PROPERTY	COOPER BUSSMAN CAT. #
A PERFECT SMILE – 168 U.S. ROUTE 1	LPJ_SP – 200A
FALMOUTH PHYSICAL THERAPY – 182 U.S. ROUTE 1	LPJ_SP – 100A

PREPARED BY:
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482 Payne Road Scarborough Court
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DRAWN: TJM | DESIGNED: TJM | CHECKED: DMG | P.E. | LIC.#
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REVISIONS

REV	DATE	DESCRIPTION

PROJECT: ROUTE 1 SOUTH UTILITY PROJECT
FALMOUTH, MAINE

SHEET TITLE: LEGEND, NOTES & DETAILS

PREPARED FOR: TOWN OF FALMOUTH

SHEET NUMBER
1
OF 6

K COVE LLC
C/O ROBERT NELSON
168 U.S. ROUTE 1
FALMOUTH, MAINE 04105

168 U.S. ROUTE 1

FRANKLIN C. HEINEMANN
20 SQUARESHIRE ROAD
STERLING, MASS. 01564

170 U.S. ROUTE 1

170 U.S. ROUTE ONE

CLASSIC DEVELOPMENT LLC
172 U.S. ROUTE 1
FALMOUTH, ME. 04105

172 U.S. ROUTE 1

SIMPLY HOME

¾"cop water serv.
not located by PWD

A PERFECT SMILE

U.S. ROUTE ONE

CONNECT TO EXISTING UNDERGROUND SERVICES (TEST PIT TO VERIFY LOCATION)

SEE SHEET 4 DETAIL A

SEE SHEET 4 DETAIL B

SEE SHEET 5 DETAIL A

COORDINATE WITH APPROPRIATE UTILITY COMPANY TO PROVIDE PEDESTAL, TYPICAL

PROVIDE A 24"X24"X18" COMMUNICATIONS HANDHOLE

SINGLE PHASE TRANSFORMER PAD

COORDINATE INSTALLATION OF ADDITIONAL UTILITY IN THE TRENCH ACROSS THE DRIVEWAY WITH THE PROPERTY OWNER

PROVIDE A 24"X24"X18" CCTV HANDHOLE

PROVIDE A 24"X24"X18" COMMUNICATIONS HANDHOLE

PROVIDE A 24"X24"X18" TELEPHONE HANDHOLE

SINGLE PHASE TRANSFORMER PAD

4' x 6' ELEC. MH

4' x 6' ELEC. MH

BANNER POLE

BANNER POLE

LOCATE, INTERCEPT, AND EXTEND EXISTING CONDUITS

LOCATE, INTERCEPT, AND EXTEND EXISTING CONDUITS

LOCATE, INTERCEPT, AND EXTEND EXISTING CONDUITS AND PROVIDE PRIMARY RISER DROPS FOR UGE, UGT, TWC & ON

COORDINAE WITH CMP TO RELOCATE EXISTING UTILITY POLE TO NEW LOCATION

EXISTING
2 - 2 ½" UGE
2 - 2" TEL.
2 - 2" TWC
1 - 2" ON
LENGTH = 85'

EXISTING
2 - 5" UGE
2 - 2" TEL.
2 - 2" TWC
1 - 2" ON
LENGTH = 85'

EXISTING
2 - 2 ½" UGE
2 - 2" TEL.
2 - 2" TWC
1 - 2" ON
LENGTH = 100'

CONNECT TO E
(TEST PIT TO VI

PRIMARY DROPS

LP GAS

MATCH LINE

MATCH LINE

NORTH

25 0 12.5 25 50
(IN FEET)
1 inch = 25 ft.

PRELIMINARY - NOT FOR CONSTRUCTION

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DESIGNED: TJM
CHECKED: DMG
FILE NAME: SF-M091-UTILITY-CMP

DATE: NOV. 2017
SCALE: 1" = 25'
JOB NO. SF-M091

P.E.
LIC. #

REV.	DATE	DESCRIPTION

REVISIONS

PROJECT:
ROUTE 1 SOUTH UTILITY PROJECT
FALMOUTH, MAINE

SHEET TITLE:
UTILITY PLAN 1 OF 2

PREPARED FOR:
TOWN OF FALMOUTH

SHEET NUMBER
2
OF 6

FALMOUTH VETERINARY HOSPITAL LLC
174 U.S. ROUTE 1
FALMOUTH, ME. 04105
174 U.S. ROUTE 1

FIRST FALMOUTH REALTY LTD PTNR
C/O WALDO'S GENERAL STORE
178 U.S. ROUTE 1
FALMOUTH, ME. 04105
178 U.S. ROUTE 1

DAVID R. REESE &
MICHELLE D. REESE
17 LUDLOW TERRACE
PORTLAND, ME. 04102
182 U.S. ROUTE 1

MAINE BANK AND TRUST CO.
ATTN: REAL ESTATE SERVICES
ROBIN TORREY
2 BURLINGTON SQUARE
BURLINGTON, VT. 05402
188 U.S. ROUTE 1

CONNECT TO EXISTING UNDERGROUND SERVICES (TEST PIT TO VERIFY LOCATION)

SEE DRAWING5 DETAIL B

FALMOUTH VETERINARY HOSPITAL

LP GAS

MATCH LINE

TEST PIT TO VERIFY DEPTH OF WATER MAIN

JACK CONDUITS UNDER RETAINING WALL APPROXIMATELY 24" BELOW PARKING LOT PAVEMENT ELEVATION. CAREFULLY REMOVE SHRUBBERY AND RESTORE LANDSCAPING AS NECESSARY.

LOCATE, INTERCEPT, AND EXTEND EXISTING CONDUITS

EXISTING
2 - 2 ½" UGE
2 - 2" TEL.
2 - 2" TWC
1 - 2" ON
LENGTH = 80'

LOCATE, INTERCEPT, AND EXTEND EXISTING CONDUITS AND PROVIDE PRIMARY RISER DROPS FOR UGE, UGT, TWC & ON

SEE DRAWING 6 DETAIL A

WALDO'S

PROVIDE A 24"X24"X18" ELECTRIC HANDHOLE

PROVIDE A 24"X24"X18" CCTV HANDHOLE

HANDHOLE LOCATIONS SHOWN DIAGRAMMATICALLY, LOCATE ALL HANDHOLES SO THEY DO NOT EXTEND FURTHER THAN 10' FROM THE EXTERIOR OF THE BUILDING

PROVIDE A 24"X24"X18" COMMUNICATIONS HANDHOLE

PROVIDE A 24"X24"X18" TELEPHONE HANDHOLE

LOCATE, INTERCEPT, AND EXTEND EXISTING CONDUITS

EXISTING
2 - 2 ½" UGE
2 - 2" TEL.
2 - 2" TWC
1 - 2" ON
LENGTH = 95'

36" rcp water main within 66" rcp casing pipe

EXISTING
2 - 2 ½" UGE
2 - 2" TEL.
2 - 2" TWC
1 - 2" ON
LENGTH = 85'

LOCATE, INTERCEPT, AND EXTEND EXISTING CONDUITS AND PROVIDE PRIMARY RISER DROPS FOR UGE, UGT, TWC & ON

COORDINATE WITH CMP TO PROVIDE NEW UTILITY POLE

6"x6" CONCRETE MONUMENT (BROKEN)

water manholes

DRAWING 6 DETAIL B

FALMOUTH PHYSICAL THERAPY

TEST PIT TO VERIFY DEPTH OF WATER MAIN

PRIMARY DROPS

6"x6" CONCRETE MONUMENT 0.5' A.G.

SEE DRAWING DETAIL C & SHEET 92 DETAIL 2
1"cop water serv.
not located by PWD

PEOPLES UNITED BANK

MAINE REAL ESTATE NETWORK

NORDLAW LLC
C/O FALMOUTH INN
209 U.S. ROUTE ONE
FALMOUTH, ME. 04105
183 U.S. ROUTE 1

U.S. ROUTE ONE

283+00 284+00 285+00 286+00 287+00 288+00

SEWER MH RIM EL=39.00

SEWER MH RIM EL=41.68

EXIST. SPAN w/SIGNS

PRELIMINARY - NOT FOR CONSTRUCTION

NORTH

25 0 12.5 25 50
(IN FEET)
1 inch = 25 ft.

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FILE NAME:	SF-M091-UTILITY-CMP
DATE:	NOV. 2017
SCALE:	1" = 25'
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LIC. #	

REV	DATE	DESCRIPTION

REVISIONS

PROJECT: ROUTE 1 SOUTH UTILITY PROJECT
FALMOUTH, MAINE

SHEET TITLE: UTILITY PLAN 2 OF 2

PREPARED FOR: TOWN OF FALMOUTH

SHEET NUMBER
3
OF 6

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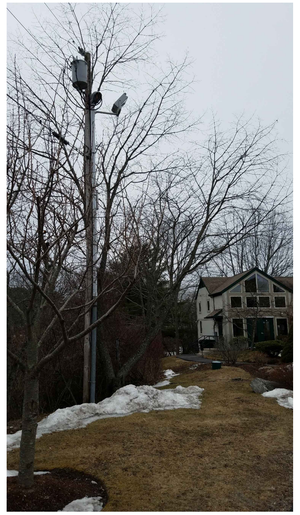
DETAIL A
168 U.S. ROUTE 1
A PERFECT SMILE



ELECTRICAL

1. INTERCEPT THE EXISTING FEEDER AT THE TEST PIT AND INSTALL A 24"X24"X18" HANDHOLE.
2. RUN (2) 2-1/2" SCHEDULE 40 PVC CONDUITS AT A DEPTH OF 24" FROM THE SECONDARY SIDE OF THE NEW CMP PAD MOUNTED TRANSFORMER TO THE NEW HANDHOLE.
3. THE FIRST 2-1/2" CONDUIT WILL CONTAIN (3) 3/0 AWG CU CONDUCTORS AND (1) #4 AWG CU GROUND AND WILL BE CONNECTED TO THE EXISTING SERVICE ENTRANCE CONDUCTORS WITH SUBMERSIBLE RATED SPLICE KITS. SPLICE KITS SHALL BE SUITABLE FOR CONNECTING COPPER TO ALUMINUM CONDUCTORS.
4. THE SECOND CONDUIT IS SPARE FOR FUTURE USE. INSTALL A NYLON PULL STRING AND CAP THE CONDUIT WITHIN THE HANDHOLE.

TELEPHONE

1. LOCATE THE EXISTING TELEPHONE SERVICE AT THE TEST PIT AND INSTALL A 24"X24"X18" HANDHOLE.
2. RUN (2) 2" PVC CONDUITS FROM THE TELEPHONE PEDESTAL LOCATED ADJACENT TO THE NEW PAD MOUNT TRANSFORMER TO THE NEW HANDHOLE. EACH OF THE CONDUITS SHALL CONTAIN A NYLON PULL STRING.
3. WIRING AND SPLICING BY OTHERS.

CCTV

1. LOCATE THE EXISTING CCTV SERVICE AT THE TEST PIT AND INSTALL A 24"X24"X18" HANDOLE.
2. RUN (2) 2" PVC CONDUITS FROM THE CCTV PEDESTAL LOCATED ADJACENT TO THE NEW PAD MOUNT TRANSFORMER TO THE NEW HANDHOLE. EACH OF THE CONDUITS SHALL CONTAIN A NYLON PULL STRING.
3. WIRING AND SPLICING BY OTHERS.

COMMUNICATIONS

1. LOCATE THE END OF THE EXISTING 2" CONDUIT CROSSING THE ROADWAY AND EXTEND INTO A NEW A 24"x24"X18" COMMUNICATIONS HANDHOLE ADJACENT TO THE NEW PAD MOUNTED TRANSFORMER.

DETAIL B
170 U.S. ROUTE 1

ELECTRICAL

1. THERE IS AN EXISTING CMP PAD MOUNT TRANSFORMER THAT IS TO BE REUSED. NO ELECTRICAL WORK REQUIRED ON THE SECONDARY SIDE OF THE TRANSFORMER.

TELEPHONE

1. RUN (1) 2" PVC CONDUITS FROM THE NEW 24"X24"X18" TELEPHONE HANDHOLE TO THE BUILDING.
2. TURN THE CONDUIT UP, CORE THROUGH THE EXTERIOR WALL OF THE BUILDING, AND STUB OUT INTO THE CONFERENCE ROOM DROP CEILING SPACE INSIDE. INSTALL A NYLON PULL STRING AND CAP CONDUIT. SEAL CONDUIT PENETRATION WITH HIGH STRENGTH, NON-SHRINK GROUT.

CCTV

1. RUN (1) 2" PVC CONDUITS FROM THE NEW 24"X24"X18" CCTV HANDHOLE TO THE BUILDING.
2. TURN THE CONDUIT UP, CORE THROUGH THE EXTERIOR WALL OF THE BUILDING, AND STUB OUT INTO THE CONFERENCE ROOM DROP CEILING SPACE INSIDE. INSTALL A NYLON PULL STRING AND CAP CONDUIT.

COMMUNICATIONS

1. RUN (1) 2" PVC CONDUITS FROM THE NEW 24"X24"X18" COMMUNICATIONS HANDHOLE TO THE BUILDING.
2. TURN THE CONDUIT UP, CORE THROUGH THE EXTERIOR WALL OF THE BUILDING, AND STUB OUT INTO THE CONFERENCE ROOM DROP CEILING SPACE INSIDE. INSTALL A NYLON PULL STRING AND CAP CONDUIT.

GENERAL NOTES

1. FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES SEE DRAWING 1.

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JOB NO.	SFM091

REV	DATE	DESCRIPTION

REVISIONS

PROJECT: ROUTE 1 SOUTH UTILITY PROJECT
FALMOUTH, MAINE

SHEET TITLE: UTILITY SERVICE RECONNECT 1 OF 3

PREPARED FOR: TOWN OF FALMOUTH

SHEET NUMBER
4
OF 6

DETAIL A
172 U.S. ROUTE 1
SIMPLY HOME

ELECTRICAL

1. LOCATE THE END OF THE (2) EXISTING 2-1/2" CONDUITS CROSSING THE ROADWAY AND EXTEND (2) 2-1/2" SCHEDULE 40 PVC CONDUITS AT A DEPTH OF 24" TO THE LOCATION OF THE METER SOCKET.
4. THE FIRST 2-1/2" CONDUIT WILL CONTAIN (3) 250 KCMIL CU CONDUCTORS AND (1) #2 AWG CU GROUND. AFTER STUBBING OUT OF THE GROUND, CHANGE THE CONDUIT TO RGS AND ENTER THE BOTTOM OF A NEW BOTTOM FED METER SOCKET. SEE SHEET 1 DETAIL 3. TERMINATE THE WIRING IN THE NEW METER SOCKET. TERMINATE THE EXISTING SERVICE ENTRANCE CONDUCTORS IN THE NEW METER SOCKET.
5. THE SECOND 2-1/2" CONDUIT IS SPARE FOR FUTURE USE. INSTALL A NYLON PULL STRING, SECURE THE CONDUIT TO THE FACE OF THE BUILDING AND CAP THE CONDUIT.

TELEPHONE

1. LOCATE THE END OF THE (2) EXISTING 2" CONDUITS CROSSING THE ROADWAY AND EXTEND (2) 2" PVC CONDUITS TO THE BUILDING. EACH OF THE CONDUITS SHALL CONTAIN A NYLON PULL STRING. LOCATE 2' TO THE LEFT OF THE ELECTRICAL METER SOCKET.
2. SECURE THE CONDUITS TO THE FACE OF THE BUILDING AND CAP OFF.

CCTV

1. LOCATE THE END OF THE (2) EXISTING 2" CONDUITS CROSSING THE ROADWAY AND EXTEND (2) 2" PVC CONDUITS TO THE BUILDING. EACH OF THE CONDUITS SHALL CONTAIN A NYLON PULL STRING. LOCATE 2' TO THE LEFT OF THE NEW TELEPHONE SERVICE.
2. SECURE THE CONDUITS TO THE FACE OF THE BUILDING AND CAP OFF.

COMMUNICATIONS

1. LOCATE THE END OF THE (1) EXISTING 2" CONDUIT CROSSING THE ROADWAY AND EXTEND (1) 2" PVC CONDUIT TO THE BUILDING. THE CONDUIT SHALL CONTAIN A NYLON PULL STRING. LOCATE 2' TO THE LEFT OF THE NEW CCTV SERVICE.
2. SECURE THE CONDUIT TO THE FACE OF THE BUILDING AND CAP OFF.

DETAIL B
174 U.S. ROUTE 1
FALMOUTH VETERINARY HOSPITAL

ELECTRICAL

1. INTERCEPT THE EXISTING FEEDEER IN THE VICINITY OF THE UTILITY POLE AND INSTALL A 24"X24"X18" HANDHOLE.
2. LOCATE THE END OF THE (2) EXISTING 2-1/2" CONDUITS CROSSING THE ROADWAY AND EXTEND (2) 2-1/2" SCHEDULE 40 PVC CONDUITS TO THE NEW HANDHOLE AT A DEPTH OF 24".
3. THE FIRST 2-1/2" CONDUIT WILL CONTAIN (3) 250 KCMIL CU CONDUCTORS AND (1) #2 AWG CU GROUND AND WILL BE CONNECTED TO THE EXISTING SERVICE ENTRANCE CONDUCTORS WITH SUBMERSIBLE RATED SPLICE KITS. SPLICE KITS SHALL BE SUITABLE FOR CONNECTING COPPER TO ALUMINUM CONDUCTORS.
4. THE SECOND CONDUIT IS SPARE FOR FUTURE USE. INSTALL A NYLON PULL STRING AND CAP THE CONDUIT

TELEPHONE

1. LOCATE THE EXISTING TELEPHONE SERVICE AT THE TEST PIT AND INSTALL A 24"X24"X18" HANDOLE.
2. LOCATE THE END OF THE (2) EXISTING 2" CONDUITS CROSSING THE ROADWAY AND EXTEND (2) 2" PVC CONDUITS TO THE NEW HANDHOLE. EACH OF THE CONDUITS SHALL CONTAIN A NYLON PULL STRING.
3. WIRING AND SPLICING BY OTHERS.

CCTV

1. LOCATE THE EXISTING CCTV SERVICE AT THE TEST PIT AND INSTALL A 24"X24"X18" HANDOLE.
2. LOCATE THE END OF THE (2) EXISTING 2" CONDUITS CROSSING THE ROADWAY AND EXTEND (2) 2" PVC CONDUITS TO THE NEW HANDHOLE. EACH OF THE CONDUITS SHALL CONTAIN A NYLON PULL STRING.
3. WIRING AND SPLICING BY OTHERS.

COMMUNICATIONS

1. LOCATE THE EXISTING COMMUNICATIONS SERVICE AT THE TEST PIT AND INSTALL A 24"x24"X18" COMMUNICATIONS HANDHOLE.
2. LOCATE THE END OF THE (1) EXISTING 2" CONDUIT CROSSING THE ROADWAY AND EXTEND (1) 2" PVC CONDUIT TO THE NEW HANDHOLE. THE CONDUIT SHALL CONTAIN A NYLON PULL STRING.
3. WIRING AND SPLICING BY OTHERS.

GENERAL NOTES

1. FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES SEE DRAWING 1.

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PREPARED BY: Stantec

DRAWN:	TJM
DESIGNED:	TJM
CHECKED:	DMG
DATE:	NOV. 2017
SCALE:	NOT TO SCALE
JOB NO.	SF-M091
FILE NAME:	
P.E.	
LIC. #	

REV	DATE	DESCRIPTION
		REVISIONS

PROJECT: ROUTE 1 SOUTH UTILITY PROJECT
FALMOUTH, MAINE

SHEET TITLE: UTILITY SERVICE RECONNECT 2 OF 3

PREPARED FOR: TOWN OF FALMOUTH

SHEET NUMBER
5
OF 6

DETAIL A
178 U.S. ROUTE 1
WALDOS CITGO

ELECTRICAL

1. LOCATE THE END OF THE (2) EXISTING 2-1/2" CONDUITS CROSSING THE ROADWAY AND EXTEND (2) 2-1/2" SCHEDULE 40 PVC CONDUITS TO A NEW 24"X24"X18" HANDHOLE. EXTEND (2) 2-1/2" SCHEDULE 40 PVC CONDUITS FROM THE NEW HANDHOLE TO THE LOCATION OF THE METER SOCKET.
2. THE FIRST 2-1/2" CONDUIT WILL CONTAIN (3) 250 KCMIL CU CONDUCTORS AND (1) #2 AWG CU GROUND. AFTER STUBBING OUT OF THE GROUND, CHANGE THE CONDUIT TO RGS AND ENTER THE BOTTOM OF A NEW BOTTOM FED METER SOCKET. SEE SHEET 1 DETAIL 3. TERMINATE WIRING IN THE NEW METER SOCKET. TERMINATE EXISTING SERVICE ENTRANCE CONDUCTORS IN THE NEW METER SOCKET.
3. THE SECOND 2-1/2" CONDUIT IS A SPARE FOR FUTURE USE. AFTER STUBBING OUT OF THE GROUND, CHANGE CONDUIT TO RGS, SECURE TO THE BUILDING, INSTALL A NYLON PULL STRING AND CAP THE CONDUIT.
4. DEMOLISH ALL SERVICE ENTRANCE CONDUIT AND CONDUCTORS FROM THE POINT OF ATTACHMENT TO THE METER SOCKET AND FILL ALL HOLES REMAINING FROM CONDUIT STRAPS.

DETAIL B
182 U.S. ROUTE 1
FALMOUTH PHYSICAL THERAPY

TELEPHONE

1. LOCATE THE END OF THE (2) EXISTING 2" CONDUITS CROSSING THE ROADWAY AND EXTEND (2) 2" PVC CONDUITS TO A NEW 24"X24"X18" HANDHOLE. EXTEND (2) 2" PVC COUNDITS FROM THE NEW HANDHOLE TO THE BUILDING. EACH OF THE CONDUITS SHALL CONTAIN A NYLON PULL STRING. LOCATE 2' TO THE LEFT OF THE ELECTRICAL METER SOCKET.
2. SECURE THE CONDUITS TO THE FACE OF THE BUILDING AND CAP OFF.

CCTV

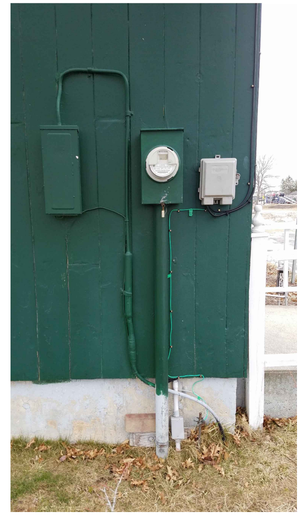
1. LOCATE THE END OF THE (2) EXISTING 2" CONDUITS CROSSING THE ROADWAY AND EXTEND (2) 2" PVC CONDUITS TO A NEW 24"X24"X18" HANDHOLE. EXTEND (2) 2" PVC COUNDITS FROM THE NEW HANDHOLE TO THE BUILDING. EACH OF THE CONDUITS SHALL CONTAIN A NYLON PULL STRING. LOCATE 2' TO THE LEFT OF THE NEW TELEPHONE SERVICE.
2. SECURE THE CONDUITS TO THE FACE OF THE BUILDING AND CAP OFF.

COMMUNICATIONS

1. LOCATE THE END OF THE (2) EXISTING 2" CONDUITS CROSSING THE ROADWAY AND EXTEND (2) 2" PVC CONDUITS TO A NEW 24"X24"X18" HANDHOLE. EXTEND (2) 2" PVC COUNDITS FROM THE NEW HANDHOLE TO THE BUILDING. EACH OF THE CONDUITS SHALL CONTAIN A NYLON PULL STRING. LOCATE 2' TO THE LEFT OF THE NEW CCTV SERVICE.
2. SECURE THE CONDUITS TO THE FACE OF THE BUILDING AND CAP OFF.

ELECTRICAL

1. LOCATE THE END OF THE (2) EXISTING 2-1/2" CONDUITS CROSSING THE ROADWAY AND EXTEND (2) 2-1/2" SCHEDULE 40 PVC CONDUITS TO TO THE LOCATION OF THE METER SOCKET.
2. THE FIRST 2-1/2" CONDUIT WILL CONTAIN (3) #2/0 AWG CU CONDUCTORS AND (1) #4 AWG CU GROUND. AFTER STUBBING OUT OF THE GROUND, CHANGE THE CONDUIT TO RGS AND ENTER THE BOTTOM OF A NEW BOTTOM FED METER SOCKET. TERMINATE THE WIRING IN THE NEW METER SOCKET. TERMINATE THE EXISTING SERVICE ENTRANCE CONDUCTORS IN THE NEW METER SOCKET.
3. THE SECOND 2-1/2" CONDUIT IS A SPARE FOR FUTURE USE. AFTER STUBBING OUT OF THE GROUND, CHANGE CONDUIT TO RGS, SECURE TO THE BUILDING, INSTALL A NYLON PULL STRING AND CAP THE CONDUIT.
4. INSTALL A 100A FUSED DISCONNECT WITH CURRENT LIMITING FUSES ON THE LOAD SIDE OF THE METER SOCKET. SEE SHEET 1 DETAIL 4.



TELEPHONE

1. LOCATE THE END OF THE (2) EXISTING 2" CONDUITS CROSSING THE ROADWAY AND EXTEND (2) 2" PVC CONDUITS TO THE BUILDING. EACH OF THE CONDUITS SHALL CONTAIN A NYLON PULL STRING. LOCATE 2' TO THE LEFT OF THE ELECTRICAL METER SOCKET.
2. SECURE THE CONDUITS TO THE FACE OF THE BUILDING AND CAP OFF.

CCTV

1. LOCATE THE END OF THE (2) EXISTING 2" CONDUITS CROSSING THE ROADWAY AND EXTEND (2) 2" PVC CONDUITS TO THE BUILDING. EACH OF THE CONDUITS SHALL CONTAIN A NYLON PULL STRING. LOCATE 2' TO THE LEFT OF THE NEW TELEPHONE SERVICE.
2. SECURE THE CONDUITS TO THE FACE OF THE BUILDING AND CAP OFF.

COMMUNICATIONS

1. LOCATE THE END OF THE (1) EXISTING 2" CONDUIT CROSSING THE ROADWAY AND EXTEND (1) 2" PVC CONDUIT TO THE BUILDING. THE CONDUIT SHALL CONTAIN A NYLON PULL STRING. LOCATE 2' TO THE LEFT OF THE NEW CCTV SERVICE.
2. SECURE THE CONDUIT TO THE FACE OF THE BUILDING AND CAP OFF.

GENERAL NOTES

1. FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES SEE DRAWING 1.

PREPARED BY:
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PROJECT: ROUTE 1 SOUTH UTILITY PROJECT
FALMOUTH, MAINE

SHEET TITLE: UTILITY SERVICE RECONNECT 3 OF 3

PREPARED FOR: TOWN OF FALMOUTH

SHEET NUMBER
6
OF 6