PARK HILLS DRAINAGE - UTILITY RELOCATION CONTRACT 2018-C20U JANUARY 21, 2022



BEFORE YOU DIG ANYWHERE IN
PENNSYLVANIA! CALL 1-800-242-1776
NON-MEMBERS MUST BE CONTACTED DIRECTL'

NEDAL LITHETY & ACT 30 INFORMATIONS

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

CONTRACTOR SHALL NOTIFY THE PA. ONE CALL SYSTEM NOT LESS THAN THREE (3) DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PLACE THE CALL AND REFERENCE THE SERIAL NUMBER GIVEN AND PROVIDE AN APPROXIMATE DATE AND TIME THAT DIGGING WILL OCCUR. THE ONE CALL SYSTEM WILL AGAIN NOTIFY THE PUBLIC UTILITIES IN THE AREA. PUBLIC UTILITIES WILL THEN COORDINATE DIRECTLY WITH THE CONTRACTOR FOR ACTUAL FIELD LOCATIONS.
PA. ONE CALL SYSTEM: PH. 1-800-242-1776

SANITARY: UNIVERSITY AREA JOINT AUTHORITY 1576 SPRING VALLEY ROAD STATE COLLEGE, PA 16801

PH: (814) 238-5361
STORM: FERGUSON TOWNSHIP

3147 RESEARCH DRIVE STATE COLLEGE, PA 16801 PH: (814) 238-4651

SERIAL NO.: 20211483496 & 20212452733

WATER: STATE COLLEGE BOROUGH WATER AUTHORITY
1201 WEST BRANCH ROAD

STATE COLLEGE, PA 16801 PH: (814) 238-6766

GAS: COLUMBIA GAS OF PENNA. INC. 2550 CAROLEAN INDUSTRIAL DRIVE STATE COLLEGE, PA 16801

PH: (814) 278-5842; WEEKEND: (888) 460-4332

ELECTRIC: WEST PENN POWER COMPANY 2800 EAST COLLEGE AVENUE STATE COLLEGE, PA 16801

PHONE: VERIZON PENNSYLVANIA, INC.

PH: (814) 231-5338/(800) 255-3443

CABLE: COMCAST

250 REESE ROAD

STATE COLLEGE, PA 16801

PH: (814) 238-8510/(740) 773-4123

224 SOUTH ALLEN STREET STATE COLLEGE, PA 16801 PH: (814) 231-6528; AFTER HOURS (800) 275-2355

> WINDSTREAM 441 SCIENCE PARK ROAD STATE COLLEGE, PA 16803 PH: (814) 272-2685

ALLEGHENY COMMUNICATIONS CONNECT (FIBER)
100 BRUSH RUN ROAD
GREENSBURG, PA 15601
PH: (866) 463-8222

1750 TADPOLE ROAD
PENNSYLVANIA FURNACE, PA 16865
(814) 231–2911

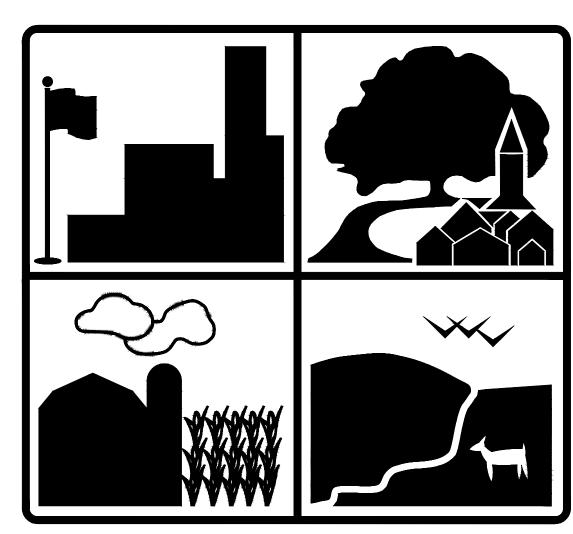
ROCK SPRINGS WATER COMPANY

FIRST ENERGY TELECOM SERVICES, INC. 2800 POTTSVILLE PIKE, P.O. BOX 15164 READING, PA 19612-5164 PH: (877) 611-2111

ALL TEL COMMUNICATIONS P.O. BOX 239 WARRIORS MARK, PA 16877 PH: (814) 632-3501

PENN STATE TELECOMMUNICATIONS AND NETWORKING SERVICES 110 UNIVERSITY SUPPORT BUILDING 2 UNIVERSITY PARK, PA 16802-1013 PH: (814) 863-5419 (JIM REIGH)

FERGUSON TOWNSHIP



PUBLIC WORKS & ENGINEERING

3147 RESEARCH DRIVE, STATE COLLEGE, PA 16801 PH: 814-238-4651 FAX: 814-238-3454 WWW.TWP.FERGUSON.PA.US

DRAWING INDEX

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2 GENERAL NOTES & PROJECT LOCATION

FERGUSON TOWNSHIP BOARD OF SUPERVISORS

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LISA STRICKLAND VICE CHAIR
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RGUSON TOWNSHIP

F. OF PUBLIC WORKS & ENGINEERING

RESEARCH DRIVE

EV. DATE REVISION DESCRIPTION

PARK HILLS DRAINAGE
CONTRACT

- UTILITY 2018-C20U

CKED BY: RAS

PROJECT NOTES:

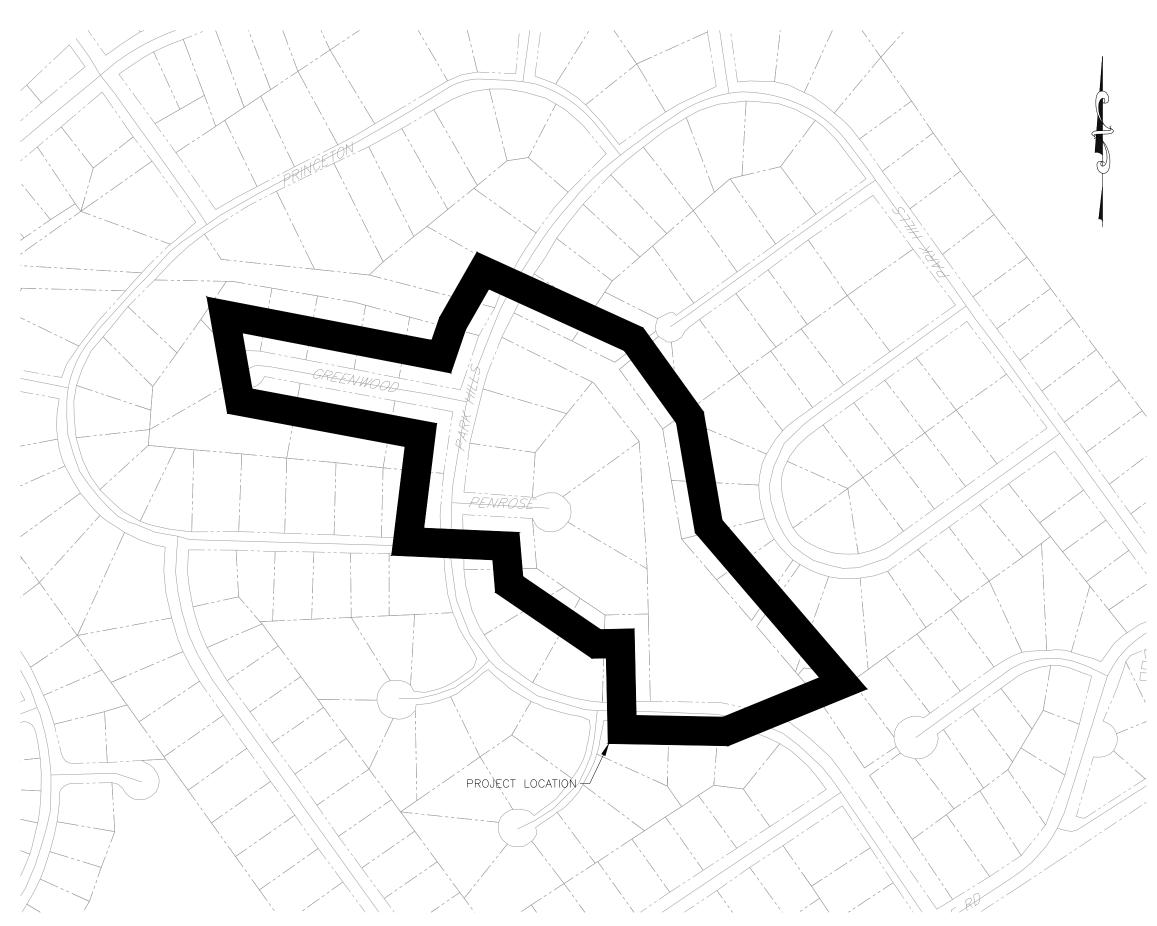
- 1. OWNER: FERGUSON TOWNSHIP 3147 RESEARCH DRIVE STATE COLLEGE, PA 16801 (814) 238-4651
- 2. ELEVATIONS AND HORIZONTAL CONTROL ARE BASED ON NAD83 Pennsylvania State Planes, North Zone, US Foot DATUM. CONTACT FERGUSON TOWNSHIP ENGINEERING DEPT. FOR PROJECT TRAVERSE POINT LOCATIONS/INFORMATION.
- 3. THE LEGAL RIGHT OF WAY ON PARK HILLS AVENUE AND GREENWOOD CIRCLE IS 60 FEET AND PENROSE CIRCLE IS 50 FEET. UTILITY NOTES:
- 1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY AND ARE BASED ON RECORDS OF THE VARIOUS FACILITY OWNERS AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE UTILITY INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST NOTIFY THE PA ONE-CALL SYSTEM AT LEAST 3 DAYS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.
- 2. THE CONTRACTOR SHALL DIG TEST PITS AT EXISTING CONFLICTS SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT PLAN REVISIONS AS REQUIRED.
- 3. ALL EXISTING ON-SITE UTILITIES SHALL REMAIN FUNCTIONAL UNLESS DESIGNATED FOR REMOVAL OR ABANDONMENT.
- 4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE RELOCATION OF ALL EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- 5. NO UTILITY SERVICE MAY BE DISCONNECTED WITHOUT PRIOR APPROVAL OF THE OWNERS REPRESENTATIVE.

CONSTRUCTION NOTES:

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING PUBLICATIONS:
- PENNDOT PUBLICATION 408 / 2020 (CHANGE No. 3)
- PENNDOT PUBLICATIONS 34, 35, 37, AND 38 (APPROVED CONSTRUCTION MATERIALS) PENNDOT PUBLICATION 72M - STANDARDS FOR ROADWAY CONSTRUCTION
- PENNDOT PUBLICATION 213M WORK ZONE TRAFFIC CONTROL
- PENNDOT PUBLICATION 148 TC 8800 TRAFFIC STANDARDS
- 2. CAREFULLY LOCATE AND EXPOSE ALL EXISTING SERVICES TO HOMES TO ASSURE NO INTERRUPTION OF SERVICE WHILE INSTALLING CONDUIT.
- 3. ALL CONDUIT TO BE SCHEDULE 40 PVC. 4. COORDINATE INSTALLATION OF CONDUIT WITH UTILITY PROVIDERS TO VERIFY FINAL LOCATION.
- 5. RESTORE ALL DISTURBED AREAS TO MATCH EXISTING CONDITIONS INCLUDING LAWN, RIVER STONE, AND CONCRETE.
- 6. PROVIDE LONG SWEEPS FOR EACH CONDUIT TO THE DESIGNATED LOCATIONS (TRANSFORMER, JUNCTION, PEDESTAL, HOUSE) FOR USE BY UTILITY COMPANY. FINAL LOCATIONS TO BE COORDINATED WITH UTILITY PROVIDER.

TRAFFIC CONTROL NOTES:

- 1. MAINTAIN TRAFFIC IN ACCORDANCE WITH THE LATEST EDITION OF PENNDOT PUBLICATION 213M (67 PA CODE, CH. 212) WORK ZONE TRAFFIC CONTROL GUIDELINES.
- 2. PROVIDE FLAGGERS AT INTERSECTIONS DURING LANE CLOSURES.
- 3. SHORT-TERM WORK ZONE TRAFFIC CONTROL SHALL BE REMOVED AT THE END OF EACH WORK DAY.
- 4. DO NOT HAVE TRAVEL LANE DROP-OFFS/OPEN EXCAVATIONS DURING NON-WORKING HOURS.
- 5. THE POSTED SPEED LIMIT ON ALL STREETS IS 25 MPH.
- 6. PROVIDE ORANGE REFLECTIVE FENCING WITH DELINEATION DEVICES AROUND AREAS OF OPEN EXCAVATION TO DELINEATE FOR PEDESTRIAN TRAFFIC.
- 7. PROVIDE CHANNELIZING DEVICES AS NEEDED TO CLEARLY DELINEATE TRAVEL LANE AND ACCESS TO DRIVEWAYS.
- 8. PROVIDE AN APPROPRIATE NUMBER OF FLAG PERSONS AS NEEDED BASED UPON LIMIT OF WORK AREA.



PROJECT LOCATION MAP

1"=250'

DESCRIPTION	MOBILIZATION PLAIN CEMENT CONCRETE SIDEWALK (4" DEPTH) - MODIFIED		TOPSOIL FURNISHED AND PLACED	MAINTENANCE AND PROTECTION OF TRAFFIC DURING CONSTRUCTION	2 INCH CONDUIT		3 INCH CONDUIT	TRENCH AND BACKFILL, TYPE I		TRENCH AND BACKFILL, TYPE III		DIRECTIONAL BORING		SEEDING, SOIL SUPPLEMENTS, AND MULCHING			
LOCATION WE ON LIND	0608	4676 0001	SY	0802 0001 CY	0901 0001	0954	5	0954 0012 LF	0954	-F	0954 0153	4	0954	LF	9000	SY	REMARKS
ENTIRE PROJECT	1				1												
А ТО В			1				348						165			BORE WITH 2-3" CONDUITS	
в то с							350						166		11		BORE WITH 2-3" CONDUITS
C TO D					1			258			120)	11		BORE WITH 2-3" CONDUITS	
СТОБ	6			3		628		316	4	44		22		1	37		BORE WITH 2-2", BORE WITH 1-3", TRENCH WITH 2-2" & 1-3"
D TO E					1			278					130		11		BORE WITH 2-3" CONDUITS
D TO H				5	5			296	296 80				210		44		BORE WITH 2-2", BORE WITH 1-3", TRENCH WITH 2-2" & 1-3"
D TO I		6		2	46			236	3	5	15		180		28		BORE WITH 2-2", BORE WITH 1-3", TRENCH WITH 2-2" & 1-3"
E TO F				1				256					119		11		BORE WITH 2-3" CONDUITS
E TO J				2		452		228	30				192		17	,	BORE WITH 2-2", BORE WITH 1-3", TRENCH WITH 2-2" & 1-3"
в то к					1				171		103		2	11		BORE WITH 2-3", BORE WITH 1-3"	
K TO L					1		153					90			11		BORE WITH 2-3", BORE WITH 1-3"
к то м					1			768					375		11		BORE WITH 2-3", BORE WITH 1-3"
M TO N				1				864					423		11		BORE WITH 2-3", BORE WITH 1-3"
N TO O				1	1			588						380			BORE WITH 2-3", BORE WITH 1-3"
О ТО Р				1	1			249						154			BORE WITH 2-3", BORE WITH 1-3"
P TO Q		6		5				246	7	5	15	,	150		50		BORE WITH 2-2", BORE WITH 1-3", TRENCH WITH 2-2" & 1-3"
P TO R				6		420		212	9	90			116		50		BORE WITH 2-2", BORE WITH 1-3", TRENCH WITH 2-2" & 1-3"
ОТОЅ				1				558					360		11		BORE WITH 2-3", BORE WITH 1-3"
S TO T				1				297					186		11		BORE WITH 2-3", BORE WITH 1-3"
TOTALS	1	18	8	36	1	3044		6672	5672 354		52		3862		369	9	

TABULATION OF QUANTITIES



VORKS & ENGINEERING

