



**PROJECT NOTES:**

- OWNER: FERGUSON TOWNSHIP  
3147 RESEARCH DRIVE  
STATE COLLEGE, PA 16801  
(814) 238-4651
- 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.
- THE LEGAL RIGHT OF WAY ON PARK HILLS AVENUE AND GREENWOOD CIRCLE IS 60 FEET AND PENROSE CIRCLE IS 50 FEET.

**UTILITY NOTES:**

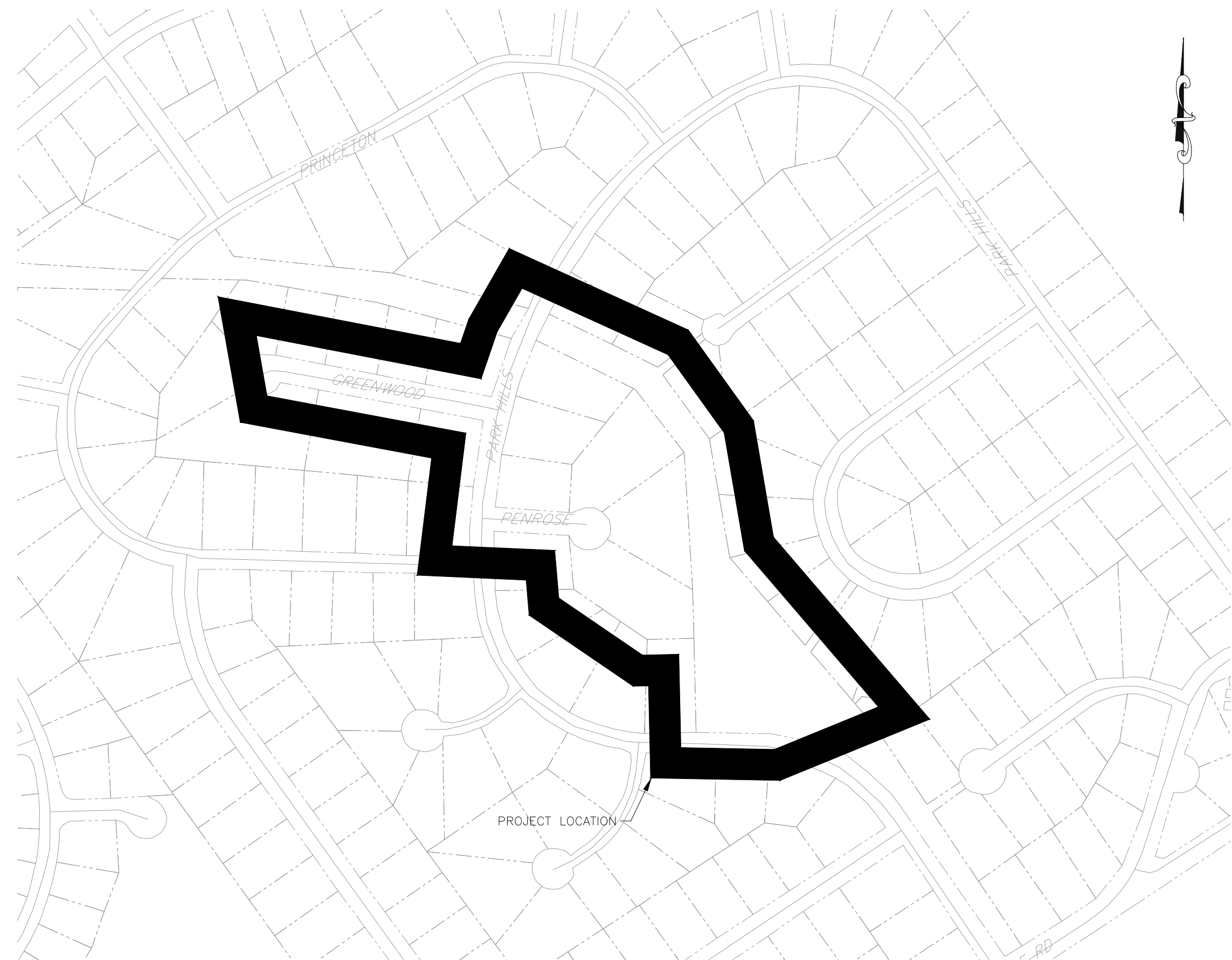
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY AND ARE BASED ON RECORDS OF THE VARIOUS FACILITY OWNERS AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE UTILITY INFORMATION IS NOT TO BE RELIED ON AS 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.
- THE CONTRACTOR SHALL DIG TEST PITS AT EXISTING CONFLICTS SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT PLAN REVISIONS AS REQUIRED.
- ALL EXISTING ON-SITE UTILITIES SHALL REMAIN FUNCTIONAL UNLESS DESIGNATED FOR REMOVAL OR ABANDONMENT.
- 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.
- NO UTILITY SERVICE MAY BE DISCONNECTED WITHOUT PRIOR APPROVAL OF THE OWNERS REPRESENTATIVE.

**CONSTRUCTION NOTES:**

- 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
- CAREFULLY LOCATE AND EXPOSE ALL EXISTING SERVICES TO HOMES TO ASSURE NO INTERRUPTION OF SERVICE WHILE INSTALLING CONDUIT.
- ALL CONDUIT TO BE SCHEDULE 40 PVC.
- COORDINATE INSTALLATION OF CONDUIT WITH UTILITY PROVIDERS TO VERIFY FINAL LOCATION.
- RESTORE ALL DISTURBED AREAS TO MATCH EXISTING CONDITIONS INCLUDING LAWN, RIVER STONE, AND CONCRETE.
- 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:**

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

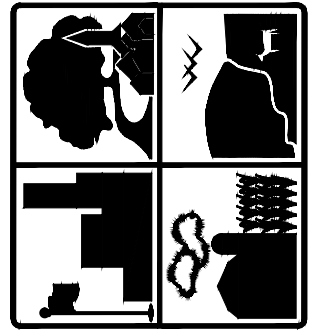


**PROJECT LOCATION MAP**

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		REMARKS			
	LOCATION	ITEM NO	UNIT	0608 0001	LS	4676 0001	SY	0802 0001	CY	0901 0001	LS	0954 0012	LF	0954 0012	LF	0954 0151	LF	0954 0153	LF	0954 0500		LF	9000 0001	SY
ENTIRE PROJECT			1					1																
A TO B								1				348							165		11			BORE WITH 2-3" CONDUITS
B TO C								1				350							166		11			BORE WITH 2-3" CONDUITS
C TO D								1				258							120		11			BORE WITH 2-3" CONDUITS
C TO G						6		3				628	316	44		22			244		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				588	296	80					210		44			BORE WITH 2-2", BORE WITH 1-3", TRENCH WITH 2-2" & 1-3"
D TO I						6		2				468	236	35	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"
B TO K								1				171							102		11			BORE WITH 2-3", BORE WITH 1-3"
K TO L								1				153							90		11			BORE WITH 2-3", BORE WITH 1-3"
K TO M								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				588							380		11			BORE WITH 2-3", BORE WITH 1-3"
O TO P								1				249							154		11			BORE WITH 2-3", BORE WITH 1-3"
P TO Q						6		5				488	246	75	15				150		50			BORE WITH 2-2", BORE WITH 1-3", TRENCH WITH 2-2" & 1-3"
P TO R								6				420	212	90					116		50			BORE WITH 2-2", BORE WITH 1-3", TRENCH WITH 2-2" & 1-3"
O TO S								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		36		1		3044	6672	354	52				3862		369			

**TABULATION OF QUANTITIES**



**FERGUSON TOWNSHIP**  
DEPT. OF PUBLIC WORKS & ENGINEERING

3147 RESEARCH DRIVE  
STATE COLLEGE, PA 16801  
PHONE: 814-238-4651  
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REV.	DATE	DESCRIPTION

PARK HILLS DRAINAGE - UTILITY RELOCATION  
CONTRACT 2018-C20U

**GENERAL NOTES & PROJECT LOCATION**

DESIGNED BY: RAS  
DRAWN BY: LMS  
CHECKED BY: RAS  
DATE: 1/21/2022

