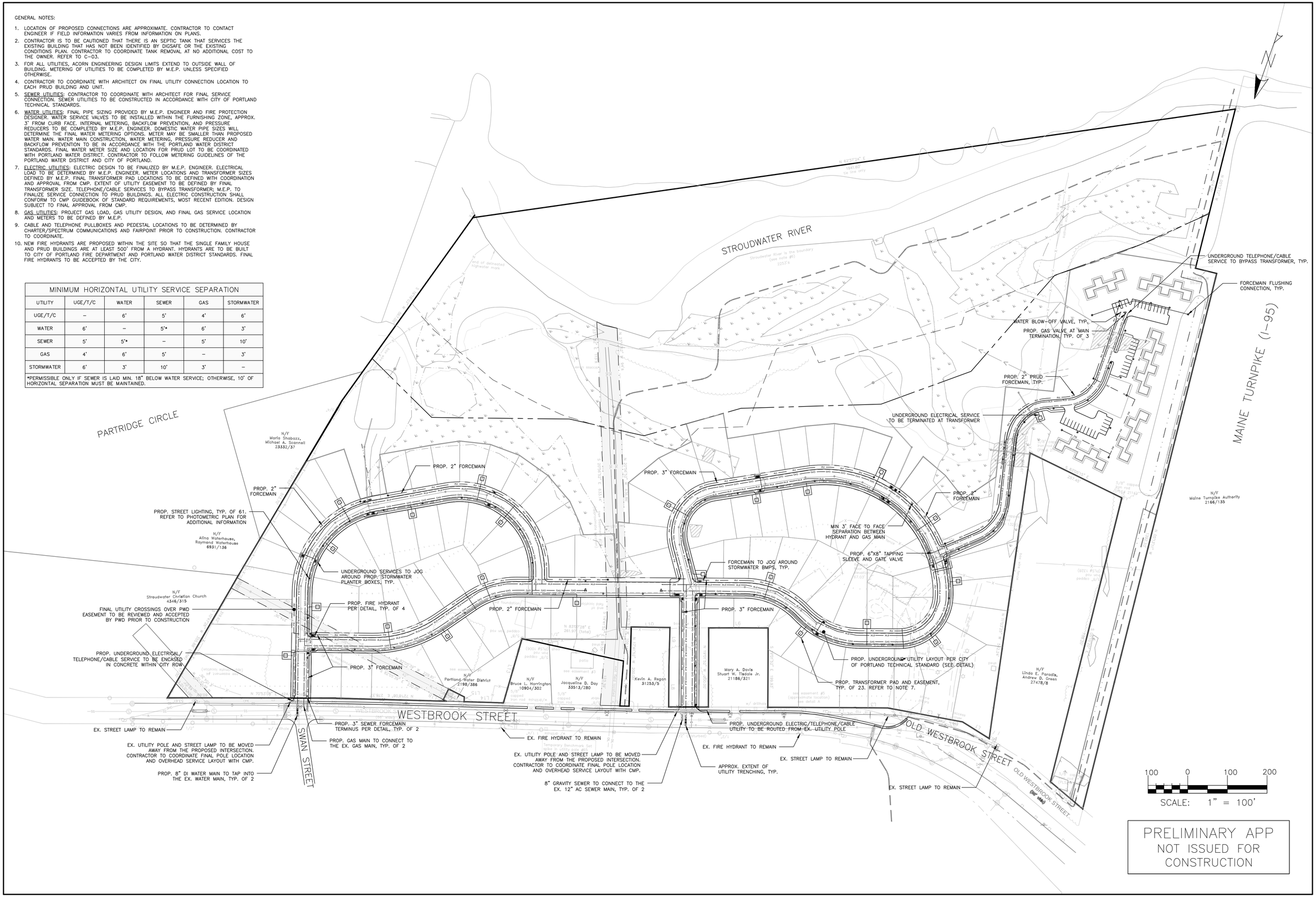
GENERAL NOTES:

1. LOCATION OF PROPOSED CONNECTIONS ARE APPROXIMATE. CONTRACTOR TO CONTACT ENGINEER IF FIELD INFORMATION VARIES FROM INFORMATION ON PLANS.
2. CONTRACTOR IS TO BE CAUTIONED THAT THERE IS AN SEPTIC TANK THAT SERVICES THE EXISTING BUILDING THAT HAS NOT BEEN IDENTIFIED BY DIGSAFE OR THE EXISTING CONDITIONS PLAN. CONTRACTOR TO COORDINATE TANK REMOVAL AT NO ADDITIONAL COST TO THE OWNER. REFER TO C-03.
3. FOR ALL UTILITIES, ACORN ENGINEERING DESIGN LIMITS EXTEND TO OUTSIDE WALL OF BUILDING. METERING OF UTILITIES TO BE COMPLETED BY M.E.P. UNLESS SPECIFIED OTHERWISE.
4. CONTRACTOR TO COORDINATE WITH ARCHITECT ON FINAL UTILITY CONNECTION LOCATION TO EACH PRUD BUILDING AND UNIT.
5. SEWER UTILITIES: CONTRACTOR TO COORDINATE WITH ARCHITECT FOR FINAL SERVICE CONNECTION. SEWER UTILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH CITY OF PORTLAND TECHNICAL STANDARDS.
6. WATER UTILITIES: FINAL PIPE SIZING PROVIDED BY M.E.P. ENGINEER AND FIRE PROTECTION DESIGNER. WATER SERVICE VALVES TO BE INSTALLED WITHIN THE FURNISHING ZONE, APPROX. 3' FROM CURB FACE. INTERNAL METERING, BACKFLOW PREVENTION, AND PRESSURE REDUCERS TO BE COMPLETED BY M.E.P. ENGINEER. DOMESTIC WATER PIPE SIZES WILL DETERMINE THE FINAL WATER METERING OPTIONS. METER MAY BE SMALLER THAN PROPOSED WATER MAIN. WATER MAIN CONSTRUCTION, WATER METERING, PRESSURE REDUCER AND BACKFLOW PREVENTION TO BE IN ACCORDANCE WITH THE PORTLAND WATER DISTRICT STANDARDS. FINAL WATER METER SIZE AND LOCATION FOR PRUD LOT TO BE COORDINATED WITH PORTLAND WATER DISTRICT. CONTRACTOR TO FOLLOW METERING GUIDELINES OF THE PORTLAND WATER DISTRICT AND CITY OF PORTLAND.
7. ELECTRIC UTILITIES: ELECTRIC DESIGN TO BE FINALIZED BY M.E.P. ENGINEER. ELECTRICAL LOAD TO BE DETERMINED BY M.E.P. ENGINEER. METER LOCATIONS AND TRANSFORMER SIZES DEFINED BY M.E.P. FINAL TRANSFORMER PAD LOCATIONS TO BE DEFINED WITH COORDINATION AND APPROVAL FROM CMP. EXTENT OF UTILITY EASEMENT TO BE DEFINED BY FINAL TRANSFORMER SIZE. TELEPHONE/CABLE SERVICES TO BYPASS TRANSFORMER; M.E.P. TO FINALIZE SERVICE CONNECTION TO PRUD BUILDINGS. ALL ELECTRIC CONSTRUCTION SHALL CONFORM TO CMP GUIDEBOOK OF STANDARD REQUIREMENTS, MOST RECENT EDITION. DESIGN SUBJECT TO FINAL APPROVAL FROM CMP.
8. GAS UTILITIES: PROJECT GAS LOAD, GAS UTILITY DESIGN, AND FINAL GAS SERVICE LOCATION AND METERS TO BE DEFINED BY M.E.P.
9. CABLE AND TELEPHONE PULLBOXES AND PEDESTAL LOCATIONS TO BE DETERMINED BY CHARTER/SPECTRUM COMMUNICATIONS AND FAIRPOINT PRIOR TO CONSTRUCTION. CONTRACTOR TO COORDINATE.
10. NEW FIRE HYDRANTS ARE PROPOSED WITHIN THE SITE SO THAT THE SINGLE FAMILY HOUSE AND PRUD BUILDINGS ARE AT LEAST 500' FROM A HYDRANT. HYDRANTS ARE TO BE BUILT TO CITY OF PORTLAND FIRE DEPARTMENT AND PORTLAND WATER DISTRICT STANDARDS. FINAL FIRE HYDRANTS TO BE ACCEPTED BY THE CITY.

MINIMUM HORIZONTAL UTILITY SERVICE SEPARATION

UTILITY	UGE/T/C	WATER	SEWER	GAS	STORMWATER
UGE/T/C	–	6'	5'	4'	6'
WATER	6'	–	5'*	6'	3'
SEWER	5'	5'*	–	5'	10'
GAS	4'	6'	5'	–	3'
STORMWATER	6'	3'	10'	3'	–

*PERMISSIBLE ONLY IF SEWER IS LAID MIN. 18" BELOW WATER SERVICE; OTHERWISE, 10' OF HORIZONTAL SEPARATION MUST BE MAINTAINED.



PRELIMINARY APP
NOT ISSUED FOR CONSTRUCTION

ISSUED FOR	BY	DATE
PRELIM APP	WHS	8/25/17

DRAWING NAME: UTILITY PLAN

PROJECT NAME: STROUDWATER PRESERVE

CLIENT: STROUDWATER DEVELOPMENT PARTNERS, LLC
KENNEBUNK, MAINE 04043

ACORN ENGINEERING, INC.

THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM ACORN ENGINEERING, INC. ANY MODIFICATIONS, WITHOUT PERMISSION OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO ACORN ENGINEERING, INC.

ACORN ENGINEERING, INC.
158 DANFORTH STREET, PORTLAND, MAINE 04102
(207) 775-2855

FILE:	1079_CIVIL
JN:	1079
SCALE:	1"=100'
DESIGNED BY:	OJD
DRAWN BY:	OJD
CHECKED BY:	WHS

STATE OF MAINE WILLIAM H. SAVAGE No. 11451 8-25-17 LICENSED PROFESSIONAL ENGINEER

DRAWING NO.
C-20