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Number: 0050005517 Date: 07/31/2016

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PROJECT:
GUNDERSEN HOTEL AND SUITES
7TH STREET AND SOUTH AVENUE

75% CONSTRUCTION DOCUMENTS
"FOR BUDGET PURPOSES ONLY"

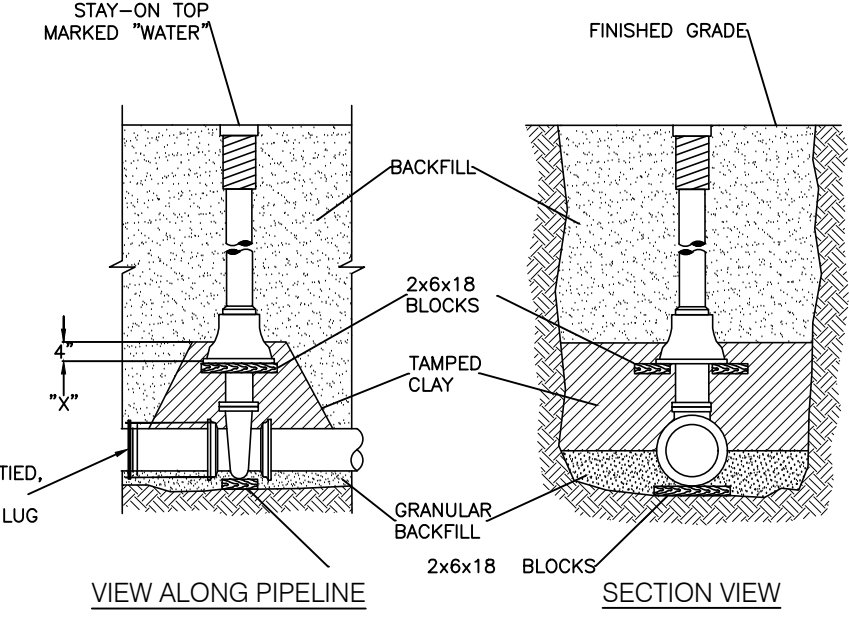
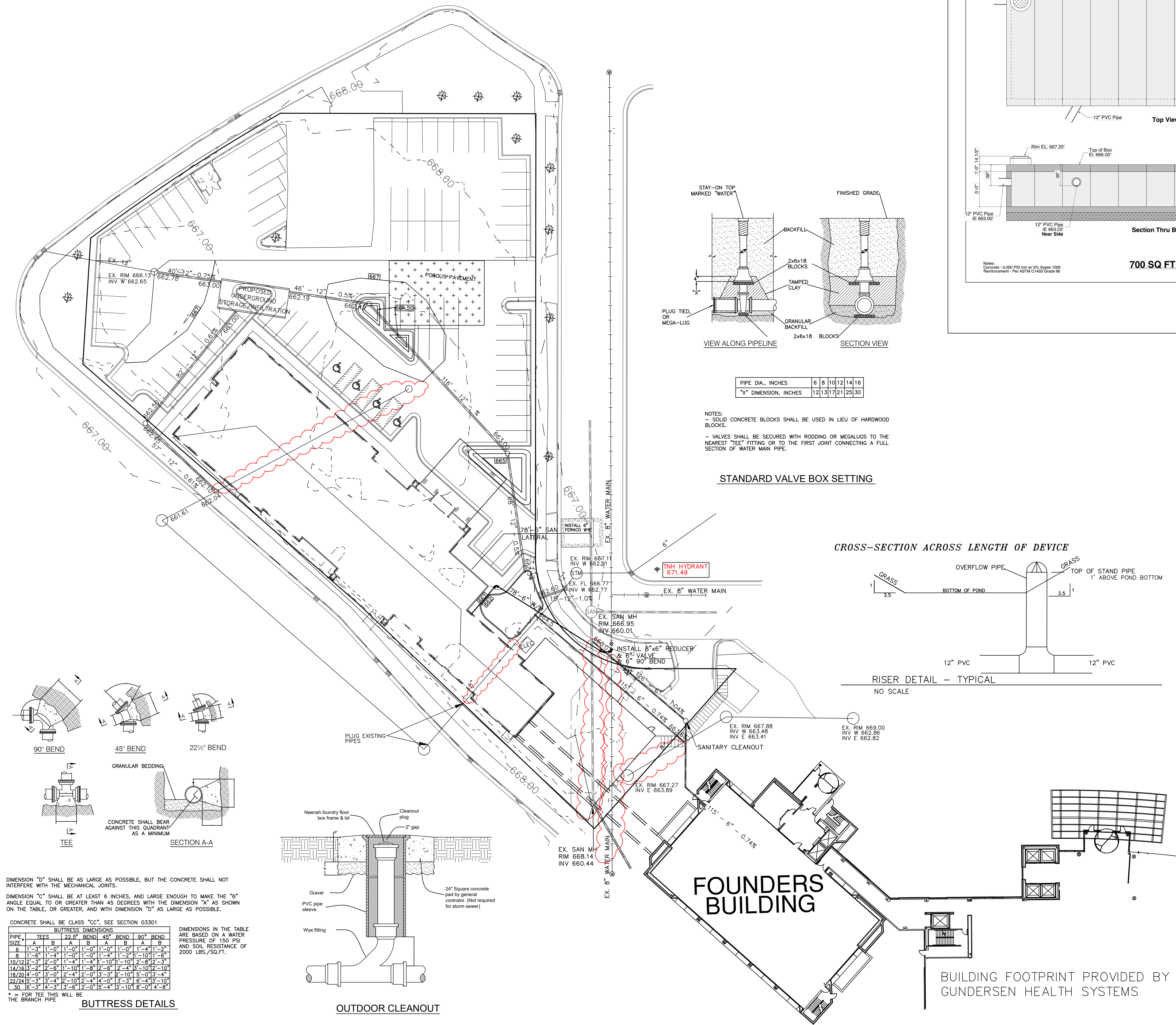
PLAN DISTRIBUTION:

DATE	SUBMITTED	COMMENTS
02/11/16	PRELIMINARY	
02/16/16	PROGRESS SET	
02/18/16	DESIGN DEVL.	
04/13/16	PROGRESS SET	

THIS SHEET CONTAINS:

UTILITY PLAN

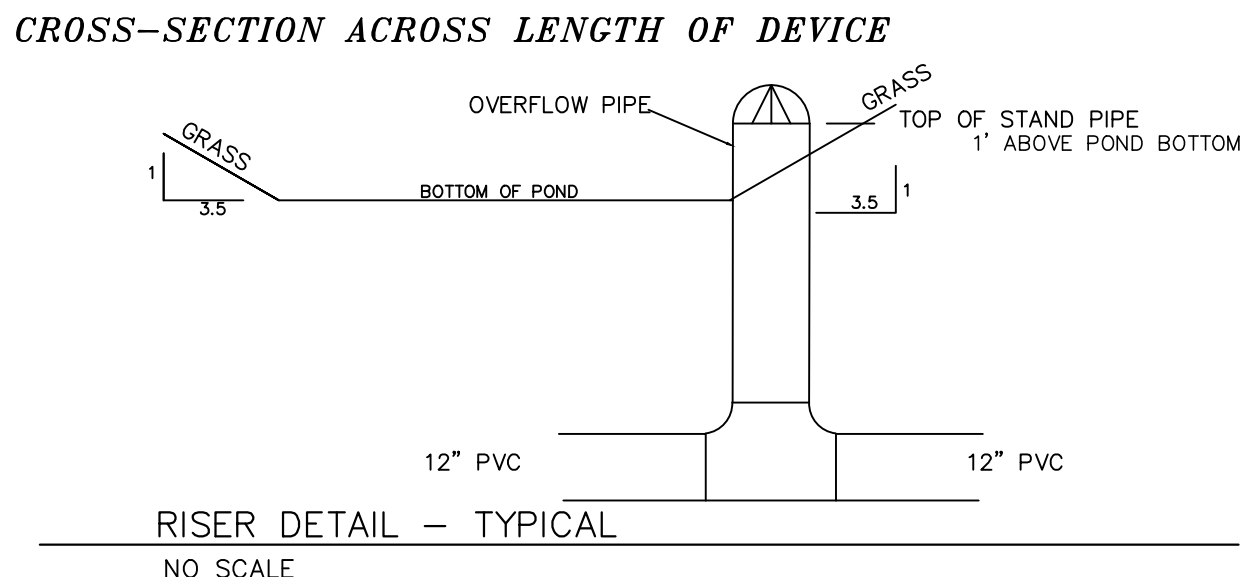
C-3
ARCHITECT'S COMMISSION NUMBER
16-1110.001



PIPE DIA., INCHES	6	8	10	12	14	18
"X" DIMENSION, INCHES	12	13	17	21	25	30

NOTES:
- SOLID CONCRETE BLOCKS SHALL BE USED IN LIEU OF HARDWOOD BLOCKS.
- VALVES SHALL BE SECURED WITH RODING OR MEGALUSS TO THE NEAREST "TEE" FITTING OR TO THE FIRST JOINT CONNECTING A FULL SECTION OF WATER MAIN PIPE.

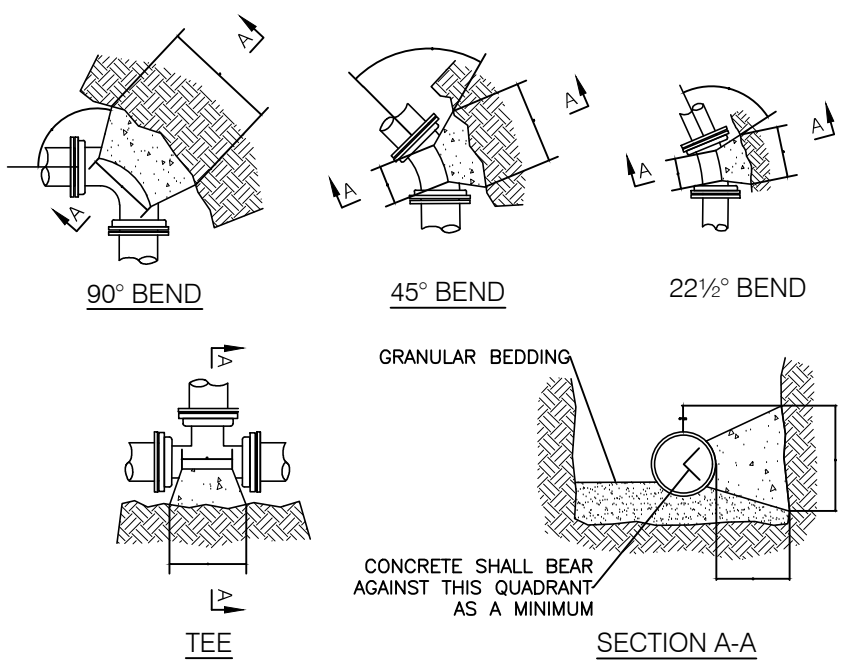
STANDARD VALVE BOX SETTING



RISER DETAIL - TYPICAL
NO SCALE

UTILITY NOTES

- The location of existing utilities, both underground and overhead are approximate only and have not been independently verified by the owner or its representatives. The contractor shall be responsible for determining the exact location of all existing utilities, whether shown on these plans or not, before commencing work, and shall be fully responsible for any and all damages which might be caused by the contractor's failure to exactly locate and preserve any and all utilities.
- CALL DIGGERS HOTLINE (800)-242-8511.
- Field verify all locations and invert elevations prior to commencing work.
- All Sanitary Sewer piping shall be PVC meeting ASTM D-3034 SDR 26.
- Sanitary laterals shall be installed at minimum 1.04% slope.
- Water Lines shall be Ductile Iron (3" or Greater), or shall be AWWA C900. Tracer wire for C900 shall be a 1/8" stainless steel with poly coating, or approved equal. The tracer wire shall be securely grounded to the compression fitting at both the watermain and curb stop.
- It shall be the contractor's responsibility to arrange for any necessary inspections by local government that may be required.
- Contractor shall comply completely with the latest standards of OSHA Directives or any other agency having jurisdiction for excavation and trenching procedures. Contractor is responsible for complying with performance criteria as required by OSHA.
- All storm sewer piping shall have joints wrapped with EZ-Wrap by Press-Seal Gasket Corporation, or equal.
- Storm sewer pipe shall be plugged at point of removal. Storm sewer pipe shall also be plugged at connection point at manhole or discontinued pipe. Storm pipes shall be cleaned thoroughly and the existing pipe shall be plugged with brick or concrete block masonry or with any grade of concrete designated under Subsection 501.4.3 of WisDOT standard specifications for Highway Construction.

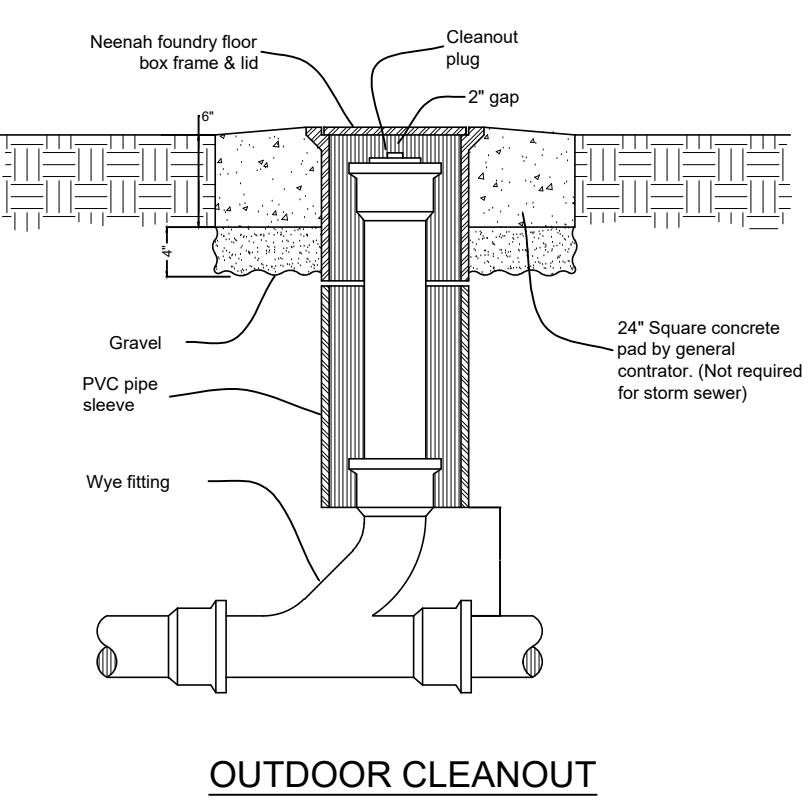


DIMENSION "D" SHALL BE AS LARGE AS POSSIBLE, BUT THE CONCRETE SHALL NOT INTERFERE WITH THE MECHANICAL JOINTS.
DIMENSION "T" SHALL BE AT LEAST 6 INCHES, AND LARGE ENOUGH TO MAKE THE "B" ANGLE EQUAL TO OR GREATER THAN 45 DEGREES WITH THE DIMENSION "A" AS SHOWN ON THE TABLE, OR GREATER, AND WITH DIMENSION "D" AS LARGE AS POSSIBLE.
CONCRETE SHALL BE CLASS "C80", SEE SECTION 03301

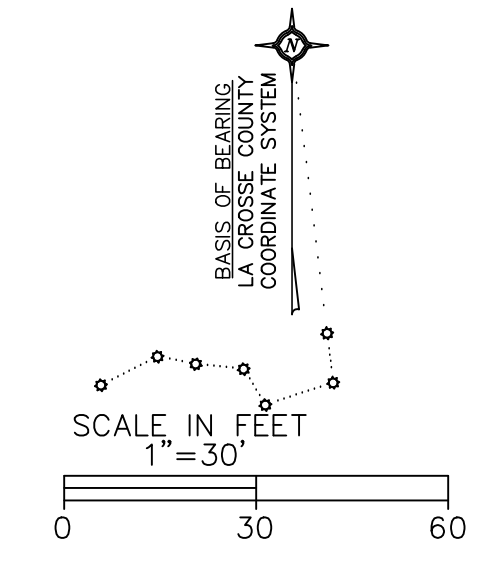
PIPE SIZE	BUTTRESS DIMENSIONS		
	90° BEND	45° BEND	22 1/2° BEND
4"	1'-0"	1'-0"	1'-0"
6"	1'-0"	1'-0"	1'-0"
8"	1'-0"	1'-0"	1'-0"
10"	1'-0"	1'-0"	1'-0"
12"	1'-0"	1'-0"	1'-0"
14"	1'-0"	1'-0"	1'-0"
18"	1'-0"	1'-0"	1'-0"
24"	1'-0"	1'-0"	1'-0"
30"	1'-0"	1'-0"	1'-0"

DIMENSIONS IN THE TABLE ARE BASED ON A WATER PRESSURE OF 150 PSI AND SOIL RESISTANCE OF 2000 LBS./SQ.FT.
* = FOR TEE THIS WILL BE THE BRANCH PIPE

BUTTRESS DETAILS



OUTDOOR CLEANOUT



LEGEND

- PROPERTY LINE
- STORM SEWER/SANITARY/WATER MAIN TO BE REMOVED
- CURB AND GUTTER
- EXISTING WATER MAIN
- 3" PERMEABLE PAVEMENT
- 12" CLEAN PERMEABLE AGGREGATE