

SEPTIC DESIGN DATA:
 -Linear Loading Rate = 2.7 Gal/Day/Ft
 -Infiltration Loading Rate = 0.6 Gal/Day/Ft.Sq.ft.
 -Perched Seasonal Water Table 8"
 -Bedrock >36"
 -4 Bedroom House = 480 Gal/Day
 *(See Mound Calculations For Additional Information)

House Grading Summary

Elevations Used to Establish House Floor Grades:
 -Gar. Flr. +1'0" = Top/Wall
 -Top/Wall +11'5" = First Flr.
 -Top/Wall -1'4" = Fin. Grade
 -Top/Wall -8'0" = Top/Ftr. (8' Bsmt Wall)
 -Top/Ftr. +4'0" (0.33') = Bsmt. Flr.
 FIRST FLR. 1016.46
 TOP WALL. 1017.50
 GAR. FLR. 1016.50
 BSMT. FLR. 1009.83
 TOP FTR. 1009.50
 (8' Bsmt Wall)

NOTES:
 -SUMP PUMP AND DOWNSPOUTS SHALL OUTLET TO SPLASH BLOCKS
 -GRINDER PUMP REQUIRED FOR BASEMENT PLUMBING

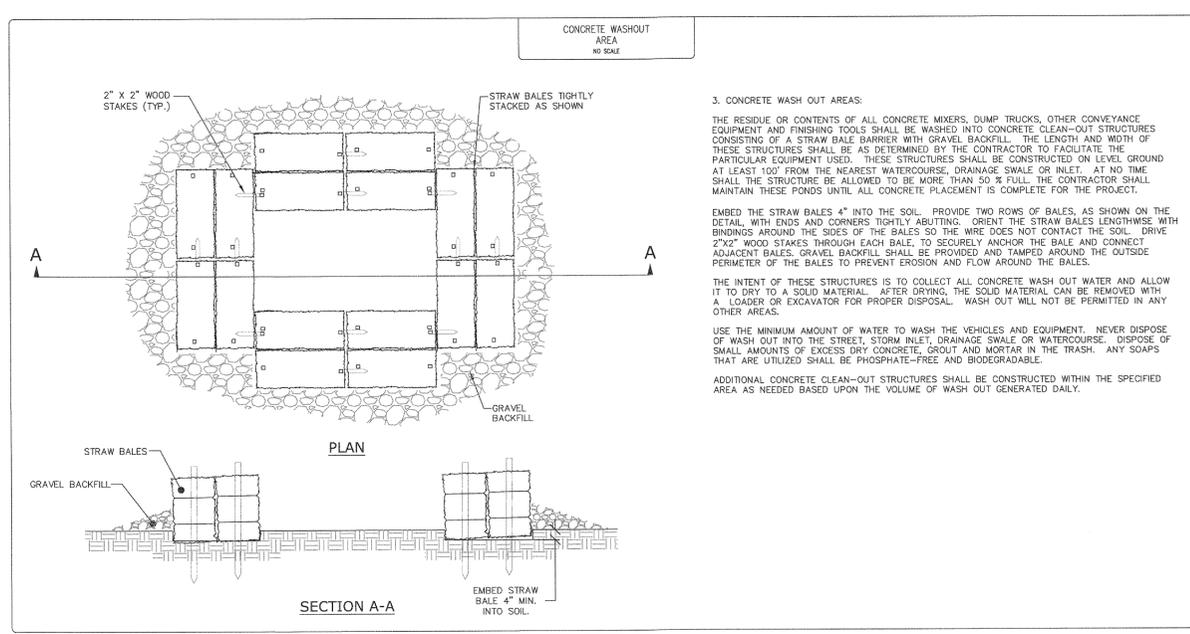


2 WORKING DAYS BEFORE YOU DIG CALL 8-1-1 OHIO UTILITIES PROTECTION SERVICE NON-MEMBERS MUST BE CALLED DIRECT

U.O.P.S. REFERENCE #

EXISTING UNDERGROUND UTILITIES NOTE:
 THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY, AND RELIABLY DEPICTED HEREON. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED, WHERE PRACTICAL. HOWEVER, POLARIS ENGINEERING & SURVEYING, INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

NOTE: THIS SURVEY SUBJECT TO CHANGE UPON RECEIPT OF ANY ADDITIONAL AVAILABLE UNDERGROUND UTILITY INFORMATION.



3. CONCRETE WASH OUT AREAS:
 THE RESIDUE OR CONTENTS OF ALL CONCRETE MIXERS, DUMP TRUCKS, OTHER CONVEYANCE EQUIPMENT AND FINISHING TOOLS SHALL BE WASHED INTO CONCRETE CLEAN-OUT STRUCTURES CONSISTING OF A STRAW BALE BARRIER WITH GRAVEL BACKFILL. THE LENGTH AND WIDTH OF THESE STRUCTURES SHALL BE AS DETERMINED BY THE CONTRACTOR TO FACILITATE THE PARTICULAR EQUIPMENT USED. THESE STRUCTURES SHALL BE CONSTRUCTED ON LEVEL GROUND AT LEAST 100' FROM THE NEAREST WATERCOURSE, DRAINAGE SWALE OR INLET. AT NO TIME SHALL THE STRUCTURE BE ALLOWED TO BE MORE THAN 50% FULL. THE CONTRACTOR SHALL MAINTAIN THESE PONDS UNTIL ALL CONCRETE PLACEMENT IS COMPLETE FOR THE PROJECT.

EMBED THE STRAW BALES 4" INTO THE SOIL. PROVIDE TWO ROWS OF BALES, AS SHOWN ON THE DETAIL, WITH ENDS AND CORNERS TIGHTLY ABUTTING. ORIENT THE STRAW BALES LENGTHWISE WITH BINDINGS AROUND THE SIDES OF THE BALES SO THE WIRE DOES NOT CONTACT THE SOIL. DRIVE 2"x2" WOOD STAKES THROUGH EACH BALE, TO SECURELY ANCHOR THE BALE AND CONNECT ADJACENT BALES. GRAVEL BACKFILL SHALL BE PROVIDED AND TAMPED AROUND THE OUTSIDE PERIMETER OF THE BALES TO PREVENT EROSION AND FLOW AROUND THE BALES.

THE INTENT OF THESE STRUCTURES IS TO COLLECT ALL CONCRETE WASH OUT WATER AND ALLOW IT TO DRY TO A SOLID MATERIAL. AFTER DRYING, THE SOLID MATERIAL CAN BE REMOVED WITH A LOADER OR EXCAVATOR FOR PROPER DISPOSAL. WASH OUT WILL NOT BE PERMITTED IN ANY OTHER AREAS.

USE THE MINIMUM AMOUNT OF WATER TO WASH THE VEHICLES AND EQUIPMENT. NEVER DISPOSE OF WASH OUT INTO THE STREET, STORM INLET, DRAINAGE SWALE OR WATERCOURSE. DISPOSE OF SMALL AMOUNTS OF EXCESS DRY CONCRETE, GROUT AND MORTAR IN THE TRASH. ANY SOAPS THAT ARE UTILIZED SHALL BE PHOSPHATE-FREE AND BIODEGRADABLE.

ADDITIONAL CONCRETE CLEAN-OUT STRUCTURES SHALL BE CONSTRUCTED WITHIN THE SPECIFIED AREA AS NEEDED BASED UPON THE VOLUME OF WASH OUT GENERATED DAILY.



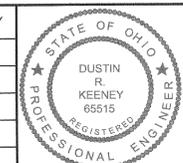
TOPOGRAPHIC CERTIFICATION:
 I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS TOPOGRAPHY, INDICATED BY 1" CONTOURS, AND ELEVATIONS SHOWN HEREON, REPRESENT AN ACTUAL FIELD SURVEY MADE BY ME ON THE 24 DAY OF MAY, 2015, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON. VERTICAL DATUM IS BASED ON NAVD88.

Richard A. Thompson, Jr.
 RICHARD A. THOMPSON, JR., P.S. #7388

	Ex. Clean Out		Ex. Water Valve		Ex. Electrical Box		Ex. Tree		Ex. Monument Box
	Ex. Catch Basin		Ex. Water Meter		Ex. Guy Wire		Ex. Pine Tree		Power Transformer
	Prop. Catch Basin		Ex. Fire Hydrant		Ex. Power Pole		Ex. Bush		Sprinkler Control Box
	Ex. Yard Drain		Prop. Hydrant		Ex. Light Power Pole		Ex. Mailbox		Sprinkler Head
	Ex. Manhole		Prop. WL Valve		Ex. Sign		Ex. Telephone Box		Traffic Signal Pole
	Ex. Storm Manhole		Well		Ex. Light Pole		Guard Post		Traffic Signal Box
	Prop. Storm Manhole		Test Bore		Prop. Light Pole				

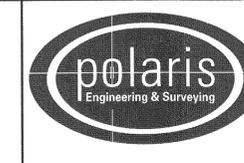
	Proposed Contour		Silt Fence		Stone Construction Entrance		Rip Rap Over Non-Woven Filter Fabric
	Existing Contour		Diversion Swale		Areas Requiring Stabilization Measures (Temporary/Permanent)		Rock Check Dam
	Disturbance Limits		B.M.P. Drainage Areas		Miscellaneous Bmps/Staging Areas (Waste Disposal/Dumpster/Conc. Washout/Fuel Tanks)		Erosion Control Matting
	Clearing Limits		I.P. Inlet Protection				
	Soil Delineation Line						

REV. No.	DATE	BY



DATE: 5/30/15
 SCALE: HOR. 1"=30'
 VERT. 1"=10'
 FOLDER: Site Plan
 FILENAME: Site Plan
 TAB: 01 - Site Plan
 DRAWN: DRW

P.P.N. 7A-09-26
6487 BROCKWAY ROAD
 LEROY TOWNSHIP - LAKE COUNTY - OHIO



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CONTRACT No.		15100
SHEET	OF	
01	02	