

FUTURE ADDITION
4480 SF.
 MAX. SIZE ALLOWED WITHOUT SPRINKLERING IS 13,068 S.F. PROVIDED THAT 2 HOUR FIRE BARRIER REMAINS

SHOP 118
 50 OCC.
 4,980 S.F.
 (BASED ON CALC.)

ALL INTERIOR STUD WALLS ARE 3 5/8" STEEL STUDS AT 16" O.C. UP TO ROOF DECK W/ D.I.A. ONE SIDE ABOVE CEILING W/ R-II BATT INSUL. - 6" STUDS WERE INDICATED

FLOOR PLAN
 1/8" = 1'-0"
 NORTH

2	1/5/15	ADD TOILET ROOM 116
3	3/2/15	REVISE FLOOR PLAN

R.J. ALBRIGHT INC.
 GENERAL CONTRACTOR
 5711 Green Valley Rd., Oshkosh, WI 54904
 Phone: 920-231-8635 or 1-800-521-3437
 Fax: 920-231-3738

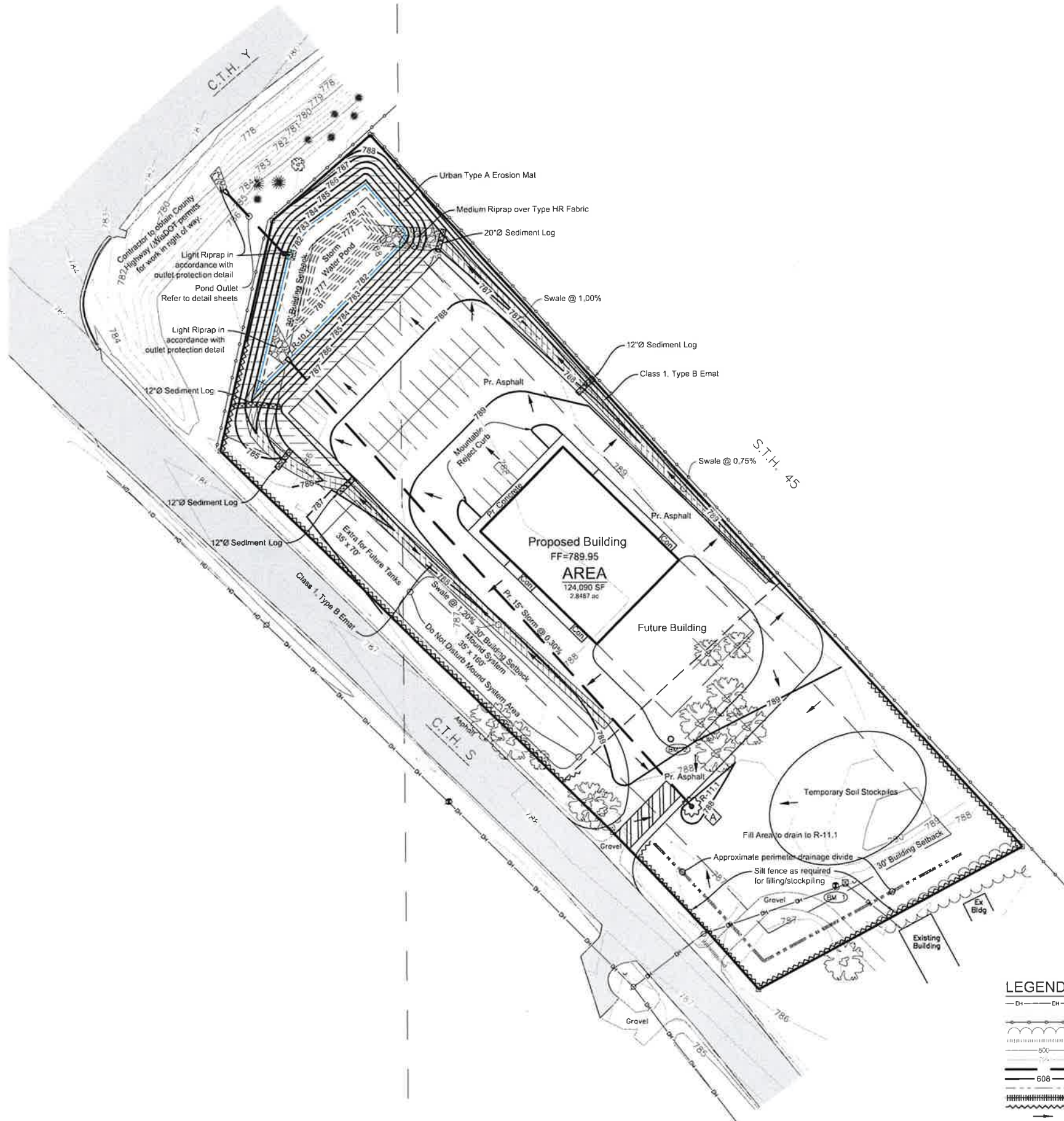
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PROJECT:
 PROPOSED NEW BUILDING FOR
PURECLEAN
 COUNTY HIGHWAY 15
 TOWN OF OSHKOSH, WISCONSIN

DRAWN BY:	R.J.F.
CHK'D BY:	R.J.F.
JOB NUMBER:	14050
DATE:	8/26/14

A1.1

REVISIONS:



LEGEND

—DH—DH—	Overhead Electric Lines	⊗	Utility Meter	⊗	Deciduous Tree
—	Utility Guy Wire	⊕	Utility Pole	⊗	Coniferous Tree
—	Fence - Steel	~	Guy Wire / Pump	⊗	Bush / Hedge
—	Tree Line	⊕	Sign	⊗	Benchmark
—	Culvert	+799.9	Ex Spot Elevation	⊗	Asphalt Pavement
—	Index Contour	⊗	Proposed Storm Manhole	⊗	Concrete Pavement
—	Intermediate Contour	⊗	Proposed Curb Inlet	⊗	Gravel
—	Proposed Storm Sewer	⊗	Prop. Catch Basin / Yard Drain	⊗	
—	Proposed Contour	⊗	Proposed Endwall	⊗	
—	Proposed Swale	⊗	Proposed Riprap	⊗	
—	Proposed Culvert	⊗	Pr. Ditch Check Sediment Logs	⊗	
—	Proposed Silt Fence	⊗	Proposed Inlet Protection	⊗	
—	Prop. Drainage Direction	⊗	Type of Inlet Protection	⊗	
—	Proposed Tracking Pad	⊗		⊗	

Planned Sediment and Erosion Control Practices

All erosion control practices shall be in place prior to disturbing the site. All sediment and erosion control devices and methods shall be in accordance with DNR Technical Standards and the WisDOT Erosion Control product acceptability lists (PAL). It is the responsibility of the Contractor to minimize the area disturbed and the duration of the disturbance. Erosion & sediment control measures shall be maintained on a continuing basis until the site is permanently stabilized. All applicable controls must be in place at the end of each work day. All off-site sediment deposits occurring as a result of construction work or a storm event shall be cleaned up at a minimum of the end of each day or as necessary. Flushing shall not be allowed.

- 1) Diverting Flow
 - a) Permanent Diversion - Intended to divert runoff around disturbed areas to a location where the water can be discharged without adversely impacting the receiving area or channel. Permanent diversions will be used to route runoff to the storm water pond and storm inlets.
 - b) Temporary Diversion - Intended to divert runoff around disturbed areas to a location where the water can be discharged without adversely impacting the receiving area or channel. Unlike a permanent diversion, the temporary diversion will be removed upon the completion of the project. Temporary diversions will be used upslope of any soil piles to reduce the amount of sediment transported. All diversions shall be installed and maintained in accordance with DNR Technical Standard 1066.
- 2) Overland Flow
 - a) Silt Fence - Intended to provide a temporary barrier to the transportation of sediment offsite. Silt fence also reduces the velocity of sheet flow; thereby reducing the erosion potential of flowing water. Silt fencing is not to be used in areas of channelized flow and sediment deposits shall be removed when a 6 inch depth is reached. The silt fence shall be repaired or replaced as necessary to maintain a barrier. All Silt Fence shall be installed and maintained in accordance with DNR Technical Standard 1056. It will be placed at the following locations:
 - i) along the site boundary where runoff will leave the site,
 - ii) and at the toe of soil piles if the pile will remain in place for more than seven (7) days.
 - b) Mulching and Erosion Mat - Intended to reduce the amount of erosion caused by raindrop impact, high overland and concentrated flow velocities and assist the establishment of both temporary and permanent vegetation. All Erosion Mat shall be installed and maintained in accordance with DNR Technical Standards 1052 and 1053 and all Mulching with DNR Technical Standard 1058. In addition to mulching, Erosion Mat is required per plan with installation per manufacturer specifications.
 - c) Seeding - Intended to provide a reduction of overland flow velocities and stabilize disturbed areas. Seeding will be used on all disturbed areas within seven days of the completion of the activity that will disturb the area. All seeding shall be in accordance with DNR Technical Standard 1059. Seed mixture 40 (per WisDOT Specifications, Section 630) shall be applied at 5 pounds per 1000 square feet for permanent seeding prior to September 15th. If required, temporary seeding shall consist of Oats, Rye, Winter Wheat, and/or Annual Ryegrass applied at rates and during the season specified by the Technical Standard but no later than November 1st. Sod placement may occur at anytime sod is available and the sod and soil are not frozen.
- 3) Trapping Sediment in Channelized Flow
 - a) Ditch Checks - Intended to settle suspended sediment in channelized flow by reducing the flow velocity. All Ditch Checks shall be installed and maintained in accordance with DNR Technical Standard 1062. Ditch Checks will be used where indicated on the plan as specified diameter sediment logs. Additional ditch checks may be required in areas where erosion is occurring.
- 4) Permanent Channel Stabilization
 - a) Armored Waterway - Intended to establish a non-erosive lining in the channel to prevent erosion. This can be accomplished using riprap. Riprap will be used in the following areas:
 - i) drainage swales and pipe outfalls as indicated on the plans;
 - b) Vegetated Waterway - Intended to establish permanent vegetation to reduce the velocity of concentrated runoff thereby protecting the waterway from erosion. The type of erosion mat used will depend upon the velocity of the runoff in the channel and are specified in accordance with DOT Erosion Control Product Acceptability Lists (PAL). Vegetated waterways will be used in the following areas:
 - i) drainage swales as indicated on the plans.

- 5) Inlet Protection Barriers - Intended to prevent the sedimentation of storm water conveyance structures. All Inlet Protection Barriers shall be installed and maintained in accordance with DNR Technical Standard 1060. As required, inlet protection barriers will be used at all storm sewer inlets as indicated on the plans.
- 6) Stone Tracking Pad - Intended to reduce the amount of sediment transported onto public roads. The Tracking Pad shall be installed and maintained in accordance with DNR Technical Standard 1057. A tracking pad will be constructed at the site entrance as indicated on the plan.
- 7) Dust Control - Intended to reduce surface to air transport of dust during construction. Dust control shall be implemented with use of methods provided in DNR Technical Standard 1068. These methods include the use of polymers, seeding, and mulch.
- 8) Dewatering BMP - Intended to reduce the amount of sediment conveyed due to dewatering practices. Dewatering practices require compliance with DNR Technical Standard 1061. The use of geotextile bags is required to prevent sedimentation with discharge to the adjacent storm water pond. The bags shall meet the requirements of Technical Standard 1061. Upon completion of the dewatering operation, all materials must be disposed of properly in accordance with all state and local requirements.
- 9) Waste Material - All onsite waste and construction materials shall be handled and disposed of properly. No pavement material, runoff from concrete washout, or other waste material is allowed to enter the storm sewer system or receiving waters.

Sequence of Construction

- 1) Obtain plan approval and other applicable permits
- 2) Install & maintain all erosion & sediment control measures: November 2014
- 3) Utility work, storm sewer & pond construction: November 2014
- 4) Site grading: November 2014
- 5) Grade and gravel construction: December 2014
- 6) Building Construction: December 2014 - January 2015
- 7) Asphalt Paving: May 2015
- 8) Stabilize lawn and ditch areas no later than one week after final grade is established. No later than June 2015
- 9) Remove all temporary measures, topsoil critical areas, and establish vegetation. Water if necessary to establish healthy and well rooted vegetation.

Note: The dates provided are approximate and subject to weather conditions and overall project schedule. Several work items as listed above may occur simultaneously with others.

Maintenance Plan

The contractor is responsible for inspection and maintenance of sediment and erosion control measures until the project is completed. The inspections shall be made every seven days or within 24-hours of a rainfall event of 0.50-inch or greater. Any practices that are damaged or not working properly shall be repaired by the end of the day. Accumulated sediment shall be removed when it has reached a height of one-half the height of the structure. In addition, the following measures shall be taken:

- 1) All seeded areas will be re-seeded and mulched as necessary according to the specifications in the planned practices to maintain a vigorous, dense vegetated cover.
- 2) Remove silt fence and temporary structures only after final stabilization and vegetative cover is established.
- 3) Avoid the use of fertilizers and pesticides in or adjacent to channels or ditches.
- 4) Construction and waste materials shall be properly disposed.

Weekly inspection reports shall be maintained by the contractor. These reports shall document inspections and maintenance performed. The date and time of the inspections, the inspector's name, and the status of construction and any maintenance performed. Refer to Appendix C or the DNR website for a template <http://dnr.wisconsin.gov/unoff/stormwater/conditions.html#forms>. Upon request, the inspection reports shall be made available to the owner, the engineer, the Wisconsin Department of Natural Resources, or Winnebago County.

EROSION & SEDIMENT CONTROL PLAN

PuroClean
 Town of Oshkosh, Winnebago County, WI
 For: R.J. Albright