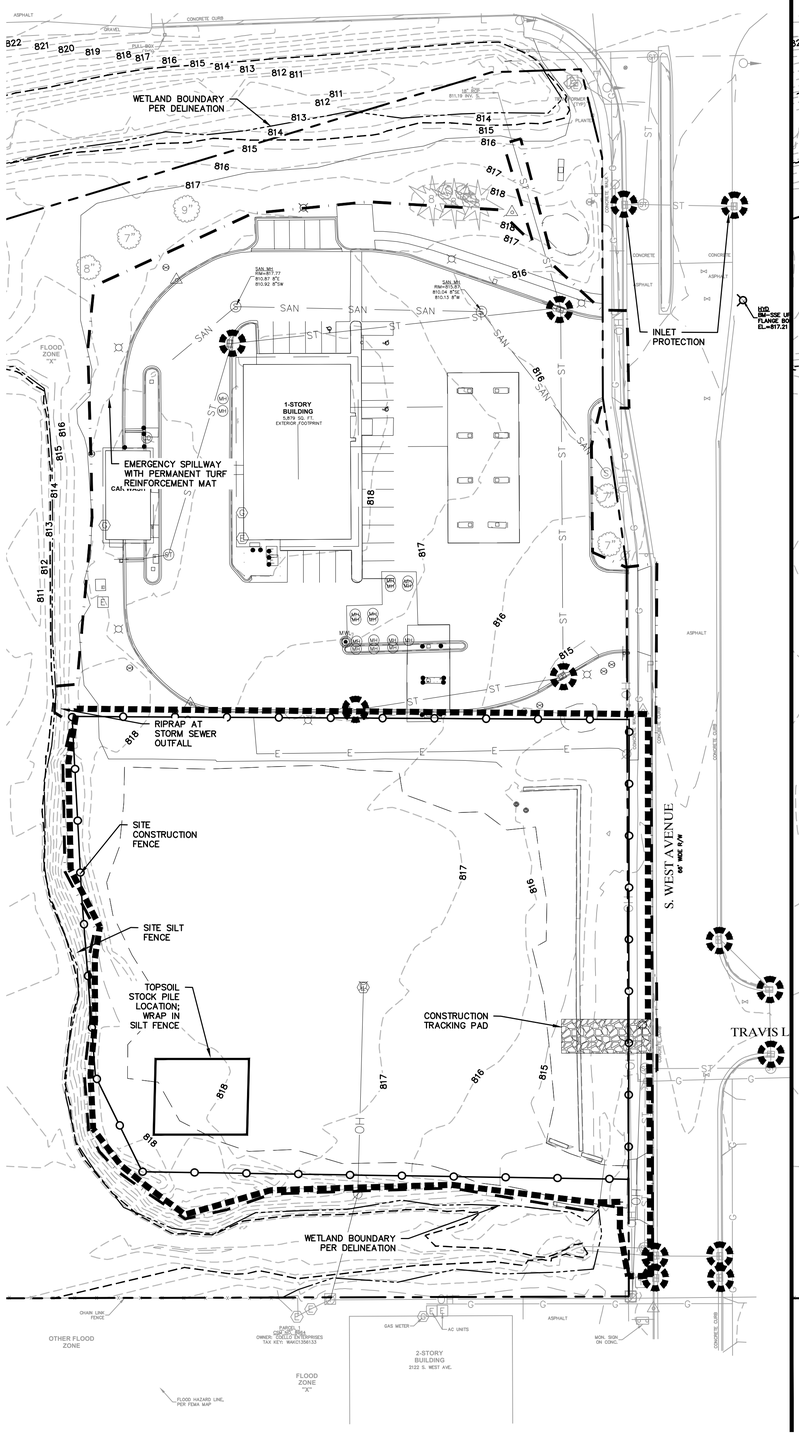
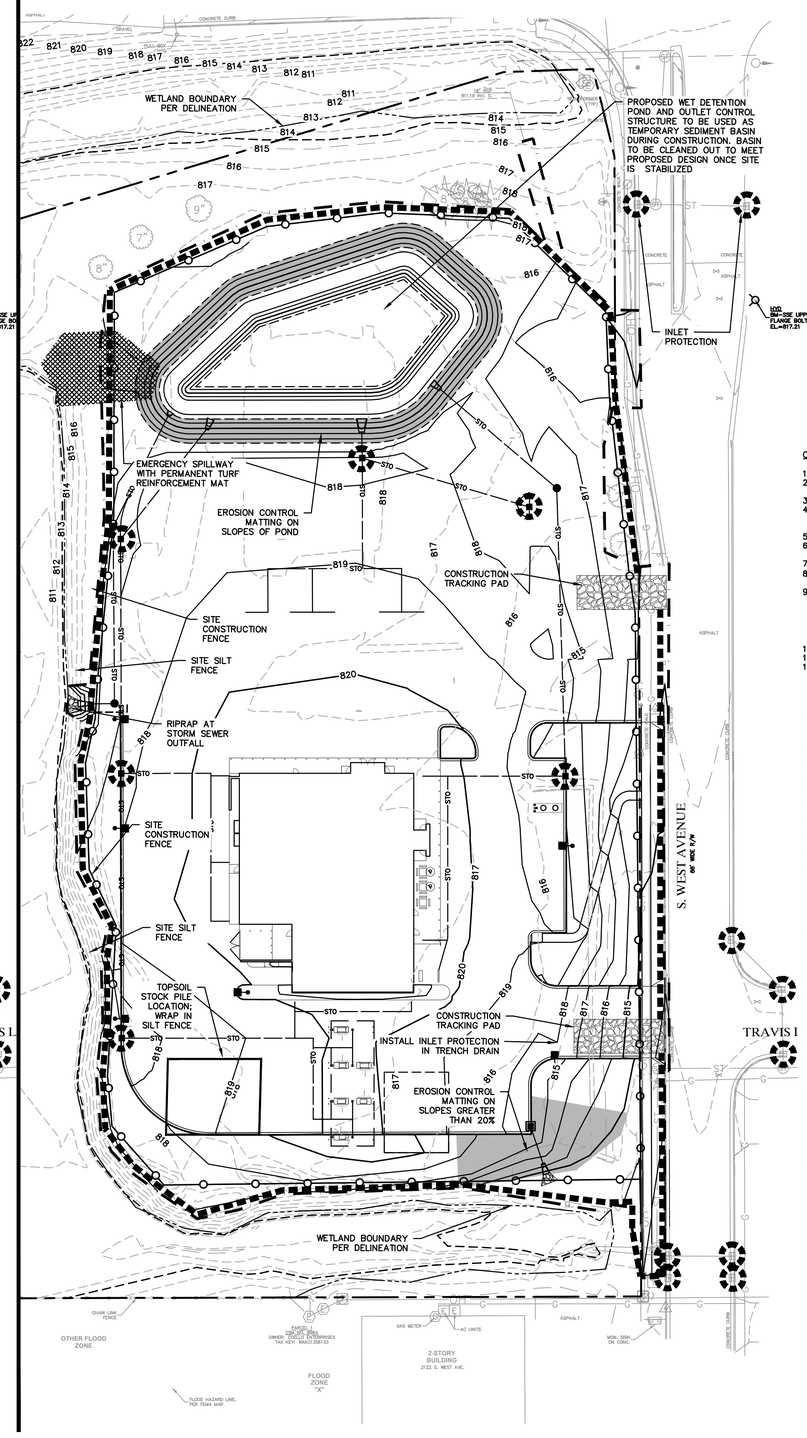
EROSION CONTROL PHASE 1 – SOUTH CONSTRUCTION



EROSION CONTROL PHASE 2 – NORTH CONSTRUCTION



SCALE: 1" = 40'

PLOTTING NOTE: PLANS PLOTTED TO 11x17 SHEET SIZE ARE ½ SCALE- 1"=80'.

LEGEND

- LAND DISTURBANCE LIMITS: 3.86 ACRES
- PROPOSED SILT FENCE
- PROPOSED CONSTRUCTION FENCE
- STORM DRAIN INLET PROTECTION
- STONE TRACKING PAD
- TEMPORARY EROSION CONTROL MATTING

CONSTRUCTION SEQUENCE

1. INSTALL SILT FENCE FOR PHASE 1 CONSTRUCTION.
2. INSTALL CONSTRUCTION ENTRANCE FOR PHASE 1. THIS IS THE ONLY EXIT TO BE USED FOR ALL CONSTRUCTION ACTIVITIES. CONTRACTOR MAY ADJUST LOCATIONS TO FACILITATE CONSTRUCTION PHASING.
3. INSTALL STORM DRAIN INLET PROTECTION ON EXISTING INDICATED STORM INLETS.
4. STRIP TOPSOIL AND GRADE SITE IN INCREMENTS APPROPRIATE TO WORK WHILE MAINTAINING SEDIMENTATION AND EROSION CONTROL PRACTICES IN CONFORMANCE WITH LOCAL AND STATE GUIDELINES. TEMPORARY DIVERSION SWALES MAY BE NEEDED TO PROMOTE DRAINAGE TOWARDS TEMPORARY SEDIMENT BASINS.
5. INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL BMP's WHEN SITE WORK AND GRADING ALLOWS.
6. CONSTRUCT UTILITIES AND INSTALL ADDITIONAL STORM DRAIN INLET PROTECTION TO INLETS AS SOON AS THEY ARE CONSTRUCTED.
7. PREPARE ROADWAY AND PARKING LOT SUBGRADE. INSTALL CURB AND GUTTER AND PAVE SITE.
8. WHEN PHASE 2 TAKES PLACE BASED ON THE CONTRACTOR'S GENERAL PHASING PLAN, INSTALL THE ADDITIONAL SILT FENCE AND CONSTRUCTION ENTRANCE.
9. CONSTRUCT WET DETENTION POND. WET DETENTION PONDS SHALL BE UNDERCUT BY 2 FEET AND LINED WITH A 2 FOOT LAYER OF CLAY. IF ACCEPTABLE MATERIAL IS AVAILABLE ONSITE, IT MAY BE USED. IF ACCEPTABLE MATERIAL IS NOT AVAILABLE ONSITE, IT SHALL BE IMPORTED. THE CONTRACTOR SHALL CONSULT WITH THE GEOTECHNICAL ENGINEER TO DETERMINE WHETHER MATERIAL IS ACCEPTABLE TO LINE THE PONDS. WET DETENTION POND TO BE USED AS TEMPORARY SEDIMENT BASIN DURING CONSTRUCTION. CONSTRUCT TEMPORARY OUTLET STRUCTURE AND PIPE.
10. APPLY SEED FERTILIZER AND MULCH TO LANDSCAPE LAWN AREAS AS SOON AS POSSIBLE.
11. FLUSH STORM SEWER.
12. CONTRACTOR SHALL REMOVE ALL REMAINING TEMPORARY EROSION CONTROL BMPs WHEN DISTURBED AREAS ARE STABILIZED AND NO LONGER SUSCEPTIBLE TO EROSION

ESTIMATED EROSION CONTROL QUANTITIES
(ACTUAL QUANTITIES SUBJECT TO CHANGE)

ITEM	QUANTITY
CONSTRUCTION ENTRANCE	2
STORM DRAIN INLET PROTECTION	19 (PLUS TWO TRENCH DRAINS)
EROSION CONTROL MAT	1029 S.Y.
RIP RAP	AS NEEDED
SILT FENCE	2000 L.F.
STRAW WATTLE	AS NEEDED

NOTE: FOR MAINTENANCE PURPOSES, CONTRACTOR SHALL MAINTAIN EROSION CONTROL PER DNR REQUIREMENTS THROUGHOUT ALL PHASES OF THE PROJECTS CONSTRUCTION. COST FOR MAINTENANCE SHALL BE INCLUDED AND CONSIDERED INCIDENTAL TO BID PRICE

PROJECT DATA

LAND DISTURBANCE TIME: APPROXIMATELY 7 MONTHS

–ALL SILT FENCE MUST BE INSTALLED BY THE CONTRACTOR AND INSPECTED BY THE CITY PRIOR TO ANY SITE WORK.

–SITE EROSION CONTROL MEASURES MUST BE IN PLACE AT ALL TIMES. SHOULD DEVICES BE REMOVED FOR WORK ACCESS, THEY SHALL BE REINSTALLED AT THE END OF EACH WORK DAY UNTIL PAVEMENTS HAVE BEEN INSTALLED AND ALL LANDSCAPE AREAS HAVE BEEN MULCHED AND SODDED. SEEDED AREAS MUST EXHIBIT MINIMUM OF 70% SOIL COVERAGE.

–REFER TO THE SWPPP PLAN NOTES AND DETAIL SHEETS SWPP 2–4 FOR MORE INFORMATION.

–THE NEAREST BODY OF WATER IS PEBBLE BROOK AND THIS SITE IS WITHIN THE EAGLE CREEK–FOX RIVER BASIN.

–THE SITE IS ALMOST ENTIRELY CLASSIFIED BY USGS WEB SOIL SURVEY AS SILT LOAM SOILS (HYDRAULIC SOIL GROUP D).

CONTACT BRADFORD FRY, P.E.
KWIK TRIP, INC
PO BOX 2107
LACROSSE, WI 54602
608–793–6414

CONTRACTOR SHALL PROVIDE EROSION CONTROL FACILITIES IN ACCORDANCE WITH THE CITY OF WAUKESHA EROSION CONTROL ORDINANCE, THE WISCONSIN DNR STORMWATER CONSTRUCTION AND POST CONSTRUCTION TECHNICAL STANDARDS, WDNR PERMIT CONDITIONS, AND THESE DOCUMENTS; THE MOST STRINGENT TO APPLY.

THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS PLAN ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

811 Know what's **below.** **Call** before you dig.

R.A.SMITH ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A.SMITH

KWIK TRIP

KWIK STAR

KWIK TRIP, Inc.
P.O. BOX 2107
1626 OAK STREET
LA CROSSE, WI 54602-2107
PH. (608) 781-8988
FAX (608) 781-8960

raSmith
CREATIVITY BEYOND ENGINEERING
16745 W. Bluemound Road
Brookfield, WI 53005-5938
(262) 781-1000
rasmith.com

EROSION CONTROL PLAN
CONVENIENCE STORE #970
2106 S. WEST AVENUE
WAUKESHA, WI

#	DATE	DESCRIPTION

DRAWN BY	RAS
SCALE	GRAPHIC
PROJ. NO.	3190495
DATE	2020-05-04
SHEET	SWP1