

LARSON

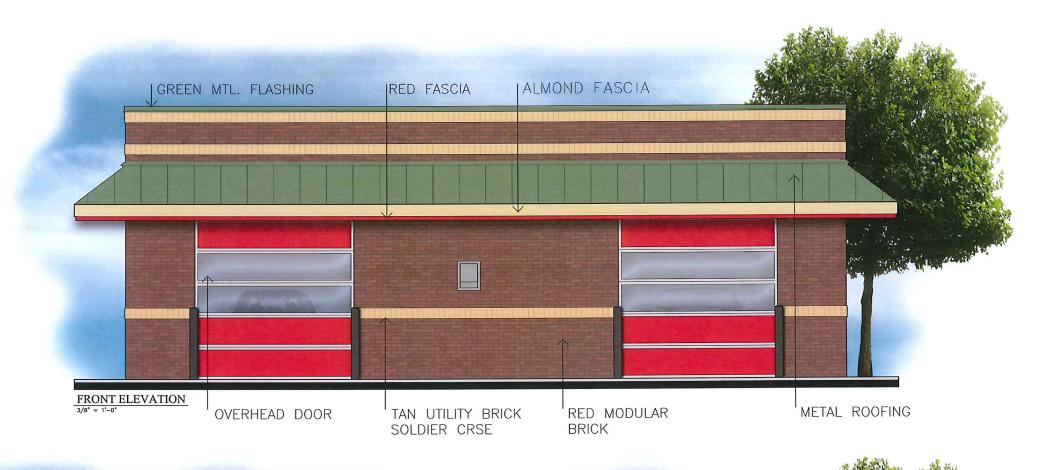
ARCHITECT

200 Mason Street #3

Onalaska, WI 54650
(608) 784 - 6808
info@larsonarchitect.com

TRIP STORES STAR STORES

LH WI COMBO PROTOTYPE





□LARSON
□ARCHITECT

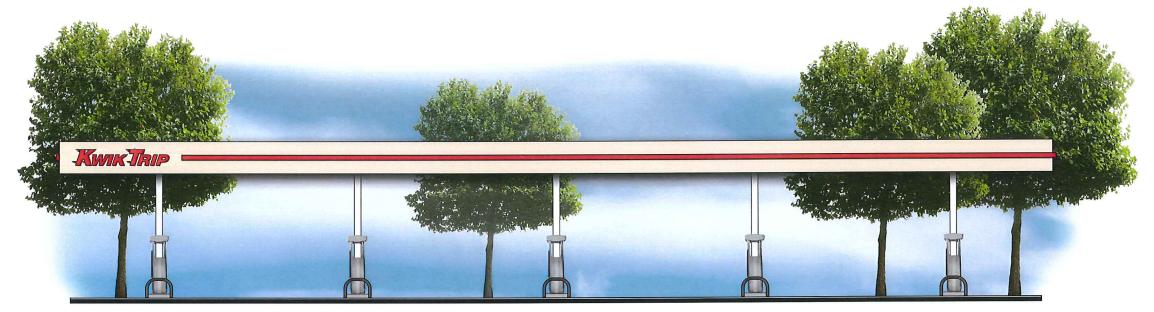


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FRONT ELEVATION
3/16" = 1'-0"



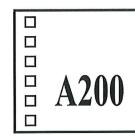
SIDE ELEVATION

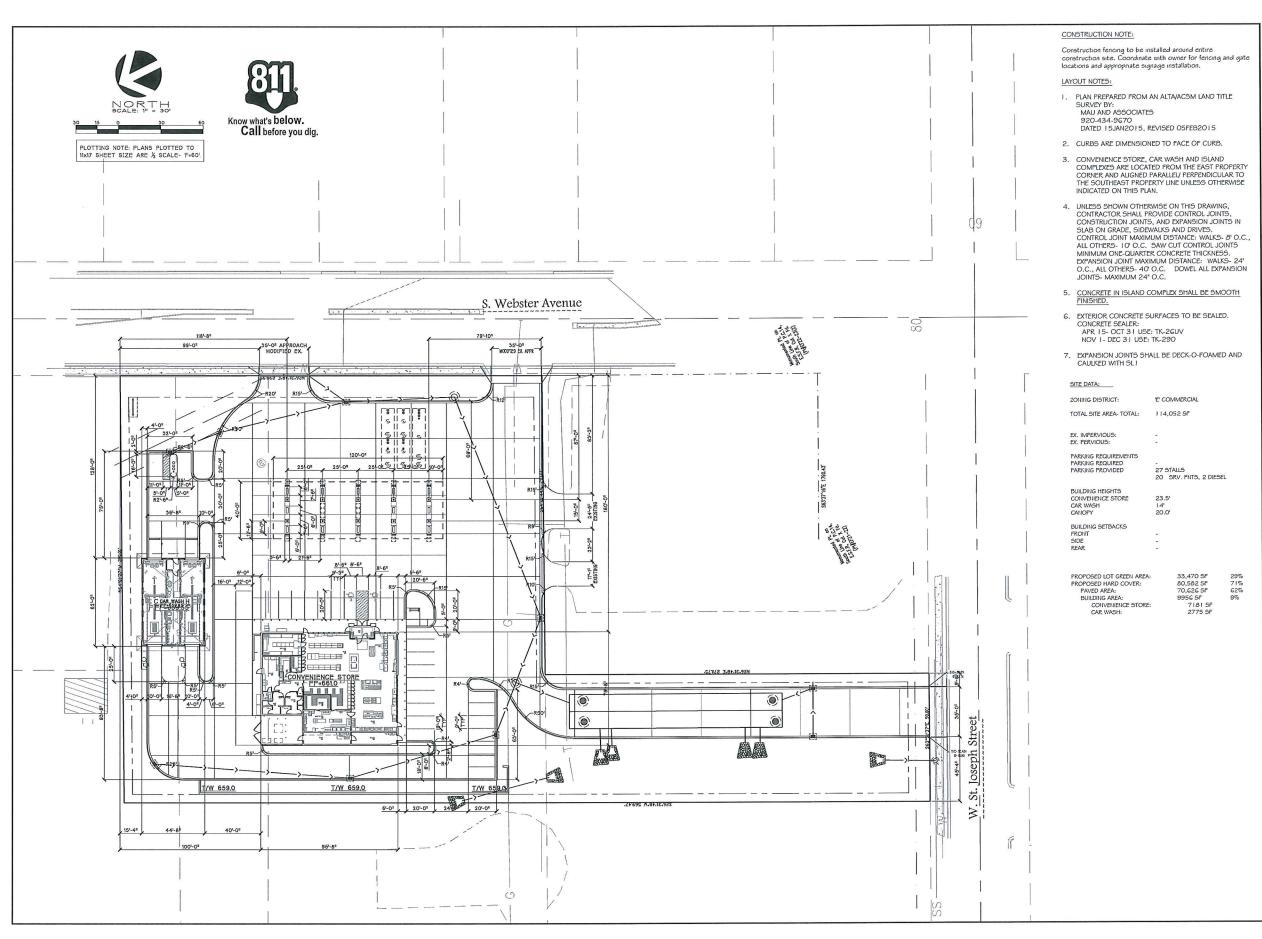
3/16" = 1'-0"



Flat Canopy

10 MPD





KW/K
TR/P

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SITE PLAN

SITE PLAN

OUT OF THE PLAN

CONVENIENCE STORE 175

GRAPHIC

09MAR2015

15175

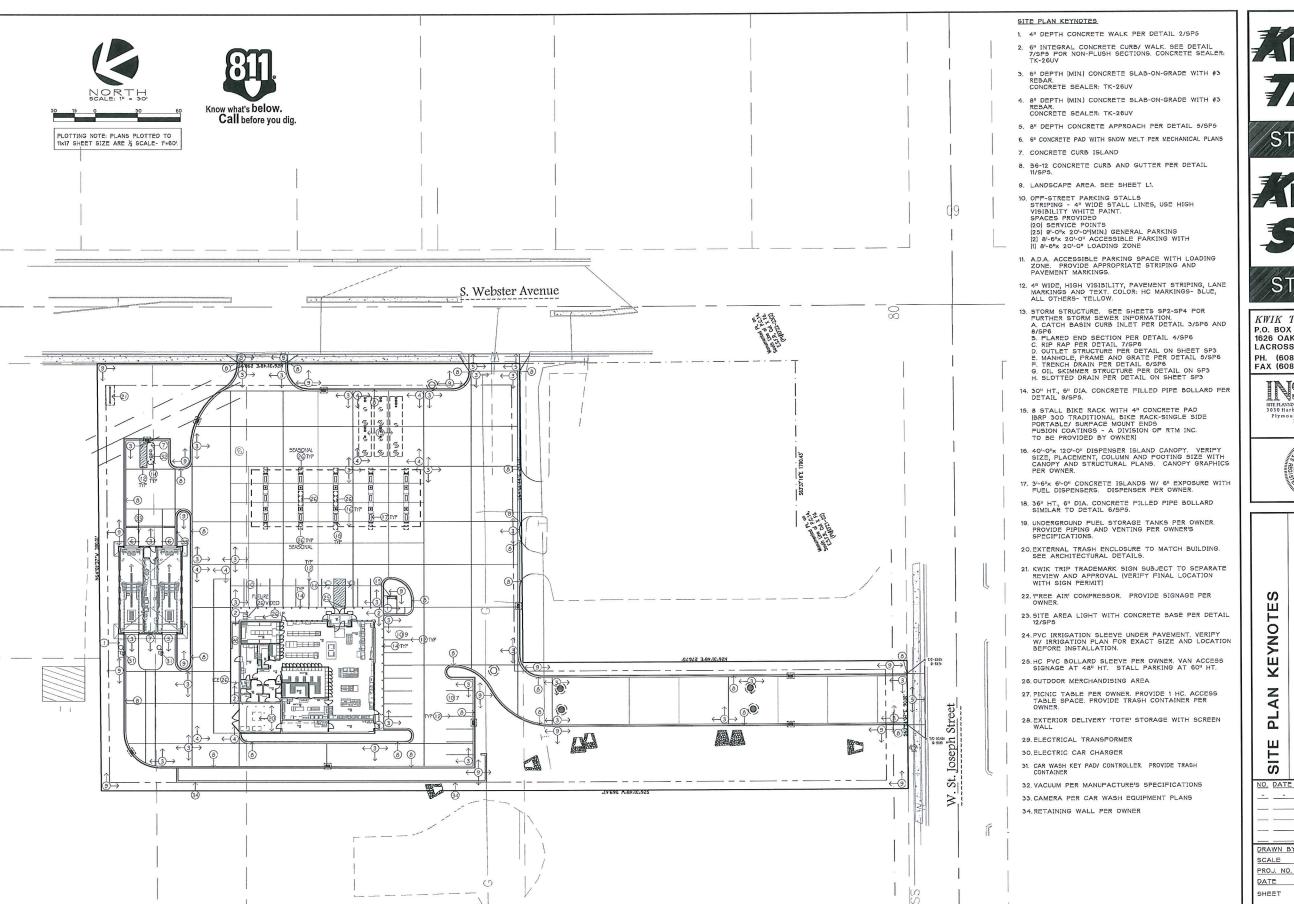
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PROJ. NO.

SCALE

DATE







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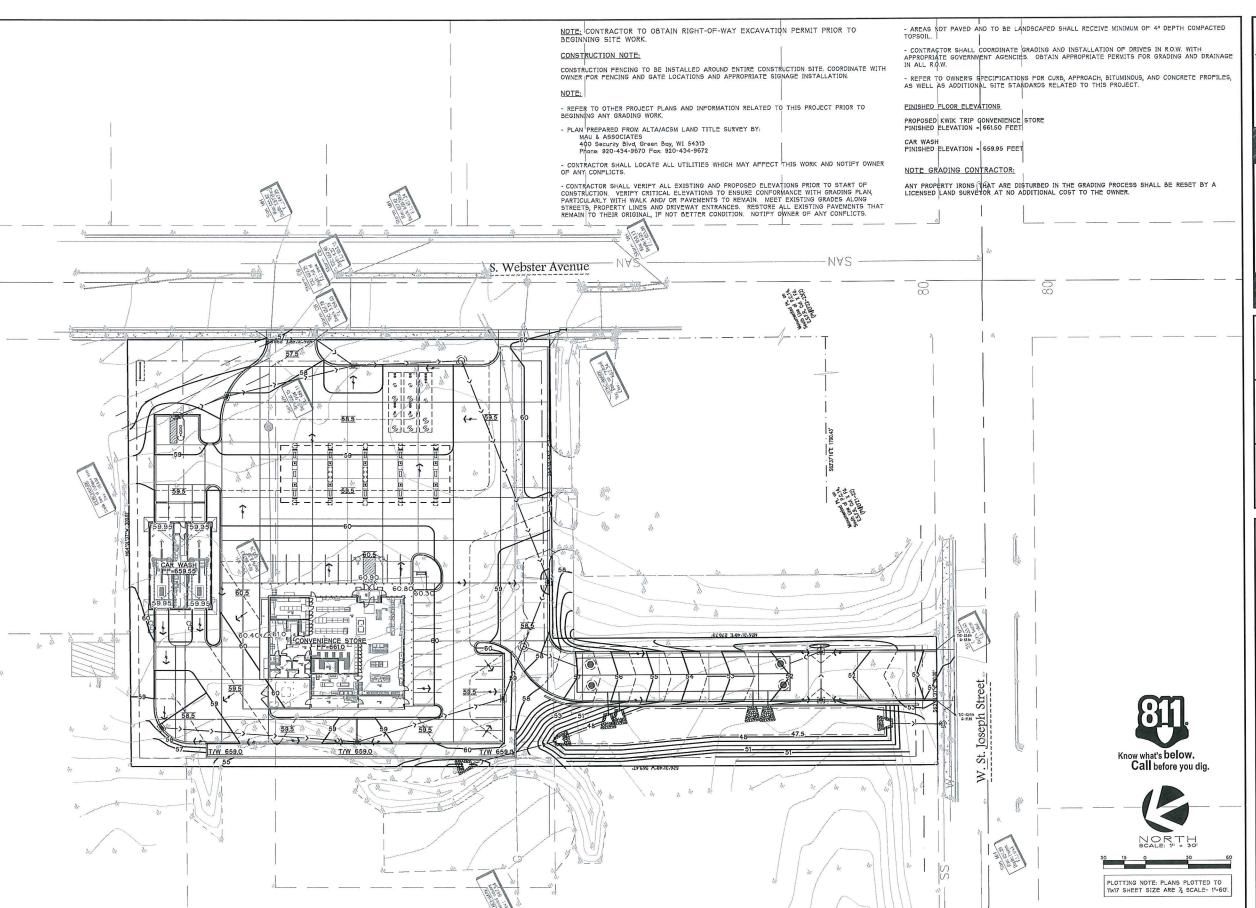
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GRADE PLAN
CONVENIENCE STORE 175

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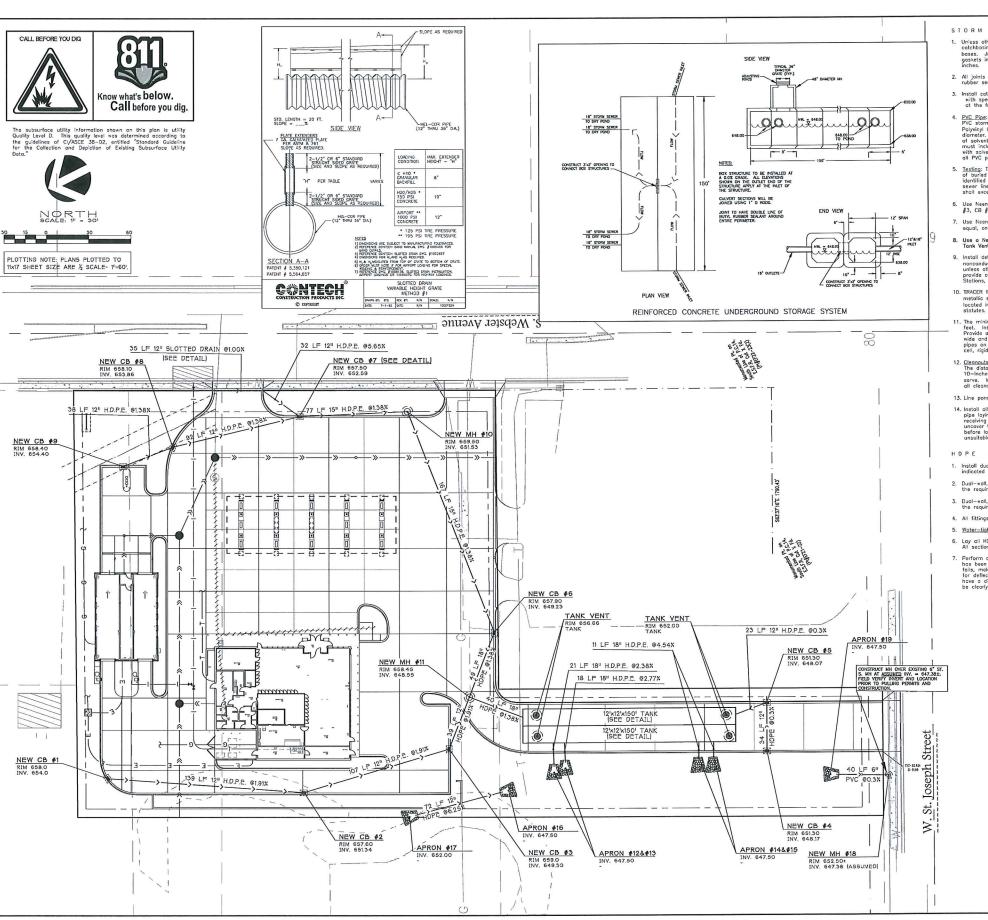
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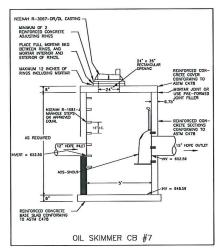


STORM DRAINAGE:

- Unless otherwise indicated, use reinforced, precest, concrete maintenance holes and catchbasins conforming to ASTM C478, furnished with water stop rubber gaskets and precest bases. Joints for all precest maintenance hole sections shall have confined, rubber "O"—ring gaskets in accordance with ASTM C923. The inside borrel diameter shall not be less than 48 inches.
- All joints and connections to catchbasins or manholes shall be waterlight. Use resilient rubber seals, nateratop gaskets, or approved equal. Cement mortar joints are not allowed. Sinstell ackhabasin costings TOP
 with specified top devalue on the front rim.
- PVC Pipe: Use solid-core, SDR-35, ASTM D3034 Polyvinyl Chloride (PVC) Pipe for designoted PVC storm sever services 4 to 15-inches in diameter. Use solid-core, SDR-35, ASTM 6679 Polyvinyl Chloride (PVC) pipe for designoted PVC storm sever services 18 to 27-inches in diameter. Joints for all storm sever shall have push-on joints with elastomeric gastets. Use of solvent cement joints is closed for buildings services. Solvent cement joints in PVC pipe must include use of a primer which is of contrasting color to the pipe and cement. Pipe with solvent cement joints as with be joined with PVC cement conforming to ASTM D2548. Loy all PVC pipe on a continuous granular bed. Installation must comply with ASTM D2321.
- 5. Testing: Test all portions of storm sewer that are within 10 feet of buildings, within 10 feet of buried water, lines, within 50 feet of water sells, or that poss through sol or water identified as being contaminated. Test all flexible storm sewer lines for deflection offer the sewer line has been installed and backfill has been in place for at least 30 days. No pipe shall exceed a deflection of 3%. If the test folia, more necessary repairs and retext.
- Use Neenoh Foundry Co. R-1642 costing with self-sealing, solid, type B lid, or approved equal, on all storm sewer maintenance holes. Covers shall bear the "Storm Sewer" lobel.
- Use a Neenah R-1733 frame with <u>boiled</u>, Type "C" radial grate, or approved equal, on the Tank Vents. Use tamper-proof bolts.
- 9. Install detectable underground marking tope directly above all prc, polyethylene, and other nonconductive underground utilities at a depth of 457 mm (18 inches) below finished grade, unless otherwise indicated. Bring the tape to the surface of various locations in order to provide connection points for locating underground utilities. Install blue Rhino Triview Text Text Stations, or approved equal, with black caps at each surface location.
- 10. TRACER WIRE: Locating requirements a means to locate buried underground exterior non metallic seners/mains must be provided with tracer wire or other methods in order to be located in accord with the provisions of these code sections as per 182.0715(2r) of the statutes.
- . The minimum depth of cover for building and canopy roof drain leaders without insulation is 5 feet. Insulate roof drain leaders at locations where the depth of cover is less than 5 feet. Provide a minimum insulation thickness of 2 inches. The insulation must be at least 4 feet wide and centered on the pipe. Install the insulation boards 6 inches above the tops of the pipes or mechanically compacted and leveled pipe bedding material. Use high density, closed cell, rigid board material equivalent to DOW Styroform HI-40 plastic foom insulation.
- 12. Cleanouts: Install cleanouts on all roof drains in accordance with S.P.S 382.35 (3)(C)(1.). The distance between cleanouts in horizontal piping shall not exceed 100 feet for pipes 10--inches and under in size. Cleanouts shall be of the same nominal size as the pipes they serve. Install a meter box frame and solid lid (Neenoh R-1914-A, or approved equal) over all cleanouts.
- 13. Line ponds with 2' thick clay liner per detail.
- 14. Install all pipe with the ASIM identification numbers on the top for inspection. Commence pipe laying at the lowest point in the proposed sever line. Lay the pipe with the bell end or receiving groose end of the pipe pink of the pipe of the pipe pink of

HDPE REQUIREMENTS:

- Install dual-wall, smooth interior, corrugated high-density polyethylene (HDPE) pipe at locations indicated on the plan.
- Dual-wall, smooth interior, corrugated high-density polyethylene (HDPE) pipe shall conform to the requirements of AASHTO M252 for pipe sizes 4-inch to 10-inch diameter.
- 4. All fittings must comply with ASTM Standard D3212.
- Water—tight joints must be used at all connections including structures.
- Lay all HDPE pips on a continuous granular bed. Installation must comply with ASTM D2321.
 All sections of the corrugated HDPE pips shall be coupled in order to provide water tight joints
- Perform deflection tests on all HDPE pipe offer the sear lines have been installed and backfill has been in place for at least 30 days. No pipe shall exceed a deflection of 5%. If the test falls, make necessary repoirs and perform the test again until acceptable. Supply the madel for deflection testing. If the deflection test is to be run using a rigid ball or mandrel, it shall have a diameter equal to 55% of the inside diameter of the pipe. The boll or mandrel shall be oterly stamped with the diameter. Perform the tests without mechanical pulling devices.





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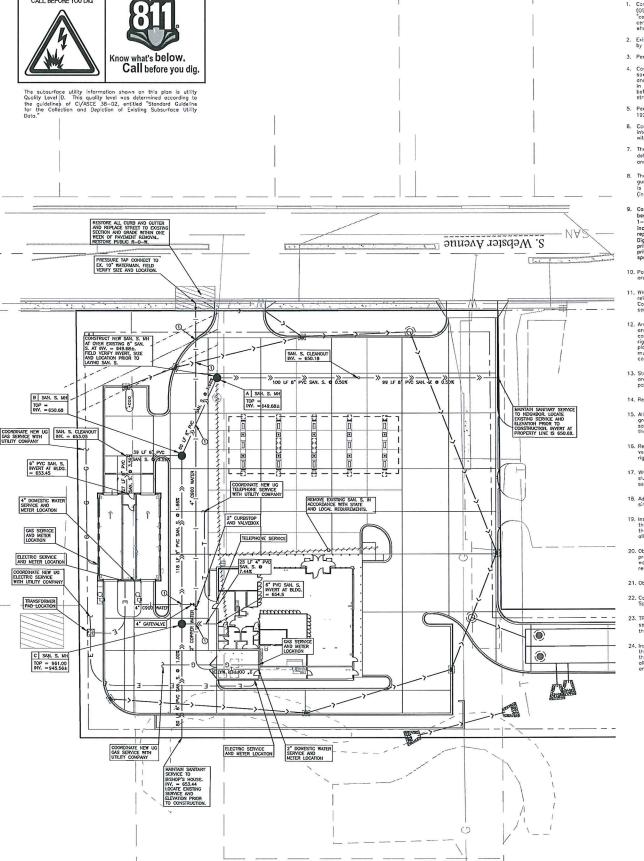




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GRAPHIC SCALE 15175 PROJ. NO. 09MAR2015 DATE SHEET SP3



CALL BEFORE YOU DIG

- 1. Comply with the work sofety practices specified by the Occupational Safety and Health Administration (OSHA). Comply with all applicable local, state, and federal sofety regulations. OSHA prohibits antly into "confined spaces," such as manholes and inlats (see 20 FCR Section 190,146), without undertaking certain specific practices and procedures. Construction sofety is sailly the responsibility of the Contraction who is also sailly responsibility for the most manufacture of practices.
- Existing boundary, location, topographic, and utility information shown on this plan is from a field survey by Mau and Associates dated Feb. 5, 2015.
- 3. Perform all utility work in accordance with State and City requirements
- 4. Connect to existing sonitary sever MH's by coredrilling. Connect to existing storm sever MH's by either sancutting or coredrilling. Use sons or drills that provide water to the blade. Meet all City standards in drose the term of the the connection. Reconstruct inverts after installation. Use water stop goskets in drose to provide valertight seals when penetrating a structure wall with a pipe. Take measurements before beginning construction to ensure that service connections do not cut into maintenance access structure joints or pipe barrel joints.
- Perform trench excavations for all utilities in accordance with the requirements of O.S.H.A. 29 CFR, Part 1926, Subpart P, "Excavations and Trenches." (www.osha.gov)
- Coordinate building utility connection locations at 5 ft, out from the proposed building with the with the interior plumbing contractor prior to construction. Verify water and sewer service locations and elevation with the Mechanical Engineer prior to construction.
- The subsurface utility information shown on this plan is utility Quality Level D. This quality level was determined according to the guidelines of CI/ASCE 38-02, entitled "Standard Guidelines for the Coller and Depiction of Existing Subsurface Utility Data."
- 8. The locations of existing utilities shown on this plan are from record information. The Engineer does not guarantee that all existing utilities are shown or, if shown, exist in the locations indicated on the plan. It is the Contractor's responsibility to ascertain the final vertical and horizontal location of oll existing utilities (including water and severe lines and appurtenances). Notify the Engineer of any discrepancies.
- 9. Contact utility componies for locations of all public and private utilities within the work area prior to beginning construction. Contact Digger's Hotins at (414) 259-1181 in the Mileaukes Metro Aveo, or 1-800-242-851 elsewhere in Wisconsin for exact locations of existing utilities at least 72 hours (not including seakends and holidays) before beginning any construction. Obtain tacket number and meet with representatives of the various utilities of the site. Provide the Oaner with the ticket number information. Digger's Hotline is a free service that locates municipal and utility company lines, but does not locate private utility lines. Use an independent locator service or other means in order to obtain locations of private utility lines. Use on independent locator service or other means in order to obtain locations of private utility lines. Use on independent locator service or other means in order to obtain locations of private utility lines. Use on independent locator service or other means in order to obtain locations of private utility lines. Use on independent locator service or other means in order to obtain locations of private utility lines. Use on independent locator service or other means in order to obtain locations of private utility lines. Use on independent locator service or other means in order to obtain locations of private utility lines.
- 10. Pothole to verify the positions of existing underground facilities at a sufficient number of locations in order to assure that no conflict with the proposed work exists and that sufficient clearance is available.
- 11. Where existing gas, electric, coble, or telephone utilities conflict with the Work, coordinate the obondonment, relocation, offset, or support of the existing utilities with the oppropriate local utility companies. Coordinate new gas meter and gas line installation, electric meter and electric service installation, coble service, and telephone service installation with the local utility companies.
- 12. Arrange for and secure suitable disposal areas off-site. Dispose of all excess soil, waste material, debris, and all materials not designated for salvage. Waste material and debris includes trees, stumps, pipe, concrete, espabilitic concrete, cons, or other waste material from the construction operations. Obtain the rights to any waste area for disposal of unsuitable or surplus material either shown or not shown on the plans. All work in disposing of such material shall be considered incidential to the work. All disposal must conform to applicable solid waste disposal permit regulations. Obtain all necessary permits at no cost to the OMNER.
- 1.3. Straight line saw—cut existing bituminous or concrete surfacing at the perimeter of povement removal areas. Use saws that provide water to the blade. Tack, and match all connections to existing bitumi-povement.
- 14. Relocate overhead power, telephone, and cable lines as required.
- 15. All moterials required for this work shall be new moterial conforming to the requirements for class, kind, grade, size, quality, and other details specified herein or as shown on the Plans. Do not use recycled or solvaged aggregate, asphaltic povement, crushed concrete, or scrop shingles. Unless otherwise indicated, the Contractor shall furnish all required materials.
- 16. Restore the public right—of-may. Replace any concrete curb and gutter, bituminous povernent, sidewalk, or vegetative cover damaged by the construction activity. Restore damaged turf with sod within the public right—of-may. The noth crea shan is general and may need to be adjusted in the field.
- 17. When sawing or drilling concrete or masonry, use saws that provide water to the blade. Do not allow the slurry produced by this process to be tracked outside of the immediate work area or discharged into the sewer system.
- Adjust all curb stops, valve boxes, maintenance hale castings, catchbasin castings, cleanout covers, and similar items to finished grade.
- 19. Install all pipe with the ASTM identification numbers on the top for inspection. Commence pipe laying at the lowest point in the proposed sewer line. Lay the pipe with the bell and or receiving groove end of the pipe pointing upgrade. When connecting to an existing pipe, uncover the existing pipe in order to allow any adjustments in the proposed line and grade before laying any pipe.
- 20. Obtain and pay for all permits, tests, inspections, etc. required by agencies that have jurisdiction over the project. The Contractor is responsible for all bonds, letters of credit, or cosh sureties related to the work. Execute and inspect work in accordance with all local and state codes, rules, ordinances, or regulations pertaining to the particular type of work involved.
- 21 Obtain permits from the City for work in the public right-of-way.
- Construct sanitary sewer, watermain, and storm sewer utilities in accordance with the Standard Specifications for Sewer and Water Construction in Wisconsin, Sixth Edition, or the latest revised edition.
- 23. TRACER WIRE: Locating requirements a means to locate buried underground exterior non metallic seners/mains must be provided with tracer wire or other methods in order to be located in according to the provisions of these code sections as per 182,0715(z) of the statutes.
- 24. Install all pipe with the ASTM identification numbers on the top for inspection. Commence pipe loying at the lowest point in the proposed sener line. Lay the pipe with the bell end or receiving groove end of the pipe pointing upgrade. When connecting to an existing pipe, uncover the existing pipe in order to allow any adjustments in the proposed line and grade before loying any pipe. Do not lay pipes in water or when the trench conditions are unswitched for such work.



WATER DISTRIBUTION SYSTEM:

- Bring all site utilities to 5' outside of the building line with the exception of the water service. Extend water service into the building and up to the flonge for the water meter.
- Separation of Water and Sawer: Provide a minimum horizontal separation of 10 feet between all nater and sweer lines. Provide a minimum separation of 18 inches at all water line and sweer line crossings.
- 3. Watermain Depth: Maintain 7.5 feet of cover over the top of the water lines to the finished grade. Verify elevation of proposed and existing water lines at all utility crossings. Install the noter lines at greater depths in order to clear storm severs, sonitory severs, or other utilities as required. Include costs to lower water lines in the base bid.
- 4. <u>Disinfaction</u>: Disinfect oil completed watermains in accordance with AWWA Standard C651. If the tablet or continuous feed methods are used, disinfect using with water that contains at least 50 ppm of available chlorine. Do not use the tablet method on solvent—releded plastic or on screed—joint steel pipe because of the danger of life or explosion from the reaction of the joint compounds with the colcium rypochforit. Relatin the treated water in a pipeline for at least 24 hours. Measure the control of the joint of the pipeline that the problem of the pipeline that the pipeline that the problem of the pipeline that the pipeline the pipeline that the pipeline that the pipeline that t
- 5. Testing: Pressure test and perform bacteriological tests on all noter lines under the supervision of the City Public Rooks Department. Notify the City of least 24 working hours prior to any testing. Pressurize the waterfine to 1034–kPo (190–psi) gauge pressure (measured at the point of lowest elevation) by means of a pump connected to the pipe in a satisfactory moment. Mointain the test pressure for a minimum of 2 hours. Do pind ander to the watermoin in order to maintain the required pressure during the water main pressure testing. The test section of pipe is acceptable with a pressure drop of 14 kPa (2 psi) or less.
- 6. Use mechanical joint restraint devices for joint restraint on all watermain bends having a vertical or horizontal deflection of 22-1/2 degrees or greater, all valves, stubs, extensions, tees, crosses, plugs, all hydront valves, and all hydronts in accordance with City requirements Use "Series 1100 Megalay manufactured by EBA in all n.c., Eastland, Taxas, or approved equal, installed in accordance with manufacturer's recommendations for restraint on Ductile Iron Pipe.
- 7. At all valve locations which require a 12" or smaller valve, install gate valves which are of the compression resilient seated (CRS) type. Use American Flow Control's Series 2500 Ductile iron Resilient Wedge Gate Valves, or approved equal. Got evides shall conform to AWMA C509, Install cost iron valve boxes conforming to ASTM AR8 at such valve location. Valve boxes shall be the three-piece type with 5-1/4" shafts. Use Typer 6560-6 with No. 6 boxe, or equivalent. Valve boxes shall be the valve for diputinent boxes and boxe or finished grade. Drop covers on valve boxes shall be round and bear the word "WATER" cost on the top. Use Tyler 6860-G "Stopput" covers with extended skirt, or equivalent.
- Use Mueller H 10300 or Ford EM 2 7057, or approved equal, at all curb stop locations. Stationary rod is required on all curb stops.
- Polyvinyl Chloride (PVC) Building Water Services: Use AWWA C900, ASTM D2241 or ASTM D1785; pressure rated for water.
- 10. <u>Polyvinyl Chloride (PVC) Watermain:</u> Use AWWA C900 for all PVC watermain furnished with integral elastomeric bell and spigot joints; minimum pressure Class 150; dimension ratio not greater than 18; loying length 20 feet. Use EBAI con, Inc., "Series 2000 PV Magallug," or approved equal for restraint on C900 PVC watermain. Lay trace wire with all C900 PVC.
- 11. Tracer Wire: Locating requirements a means to locate buried underground exterior non metallic seners/mains must be provided with tracer mire or other methods in order to be located in occord with the provisions of the Wisconsin Statutes 182.0175(2r) and the Wisconsin Department of Sofety and Professional Services SPS 82.30(11)(h).
- Use ANS/AWWA C151/A21.51 Thickness Class 52 or Pressure Class 350 Ductile Iron Pipe (DIP) with push-on joints for all watermain. Use only stainless steel bolts and nuts on all notermain fittings, volves, and hydronts.
- 13. Polyethylene encasement is required on all ductile iron pipe.

SANITARY SEWER:

- Fige: Use solid-core, SDR-35, ASTM D3034 (or approved equal) Polyvinyl Chloride (PVC)
 Plastic Pipe for all designated PVC sonitory sewer services. Joints for all sonitory sewer
 shall have push-on joints with elastomenic gaskets. Use of solvent cement joints is allowed
 for building services. Solvent cement joints in PVC pipe must include use of a primer which
 is of contrasting color to the pipe and cement. Pipe with solvent cement joints shall be
 joined with PVC cement conforming to ASTM D2544. Lay all PVC pipe on a continuous
 granular bed. Installation must comply with ASTM 2021.
- Cleanouts: Install cleanouts on all sanitary sewer services. The distance between cleanout horizontal piping shall not exceed 100 feet for pipes 4-inch and over in size. Cleanouts shall be of the some nominal size as the pipes they serve. Include frost sleeves and concrete frame and pipe support. Install a mater box frame and solid lid (Reenan R-1914-A, or approved equal) over all cleanouts.
- 3. Testing: Pressure test all sonitary sever lines. Test all flexible sonitary sever lines for deflection after the sever lines been installed and backfill has been in place for at least 30 days. No pipe shall exceed a deflection of 5%. If the test falls, make necessary repairs and retest.
- 4. Unless otherwise indicated, use reinforced, precast, concrete maintenance holes conforming to ASTM C478, furnished with pre-corst bases. Sonitary sewer maintenance holes shall be supplied with pre-formed inverts and flexible neoprens sleeve connections for all lateral lines 375 mm (15 inches) in diameter or less, unless otherwise indicated. Joints for all precast maintenance hole sections shall have confined, rubber "O"-ring gaskats in accordance with ASTM C923. The inside barrel diameter shall not be less than 48 inches.
- Install flexible watertight frame/chimney seals on all sanitary sewer maintenance holes. Use either Manufactured Maintenance Hole Frame/Chimney Seals or Elastomeric Waterproofing
- 7. The minimum depth of cover for sonitory sever without insulation is 5 feet, insulate sonitory sever services at locations where the depth of cover is less than 5 feet. Provide minimum insulction thickness of 2 inches. The insulation must be at least 4 feet wide and centered on the pipe. Install the insulation boards 6 inches above the tops of the pipes on mechanically compacted and leveled pipe leading material. Use high density, closed cell, rigid board material equivalent to DOW Styrofoam HI-40 plastic foam insulation.
- TRACER WIRE: Locating requirements a means to locate buried underground exterior non
 metallic severs/moins must be provided with tracer wire or other methods in order to be
 located in accord with the provisions of the Wisconsi Statutes 182.0155(2r) and the
 Wisconsin Department of Safety and Professional Services SPS 82.30(11)(h).



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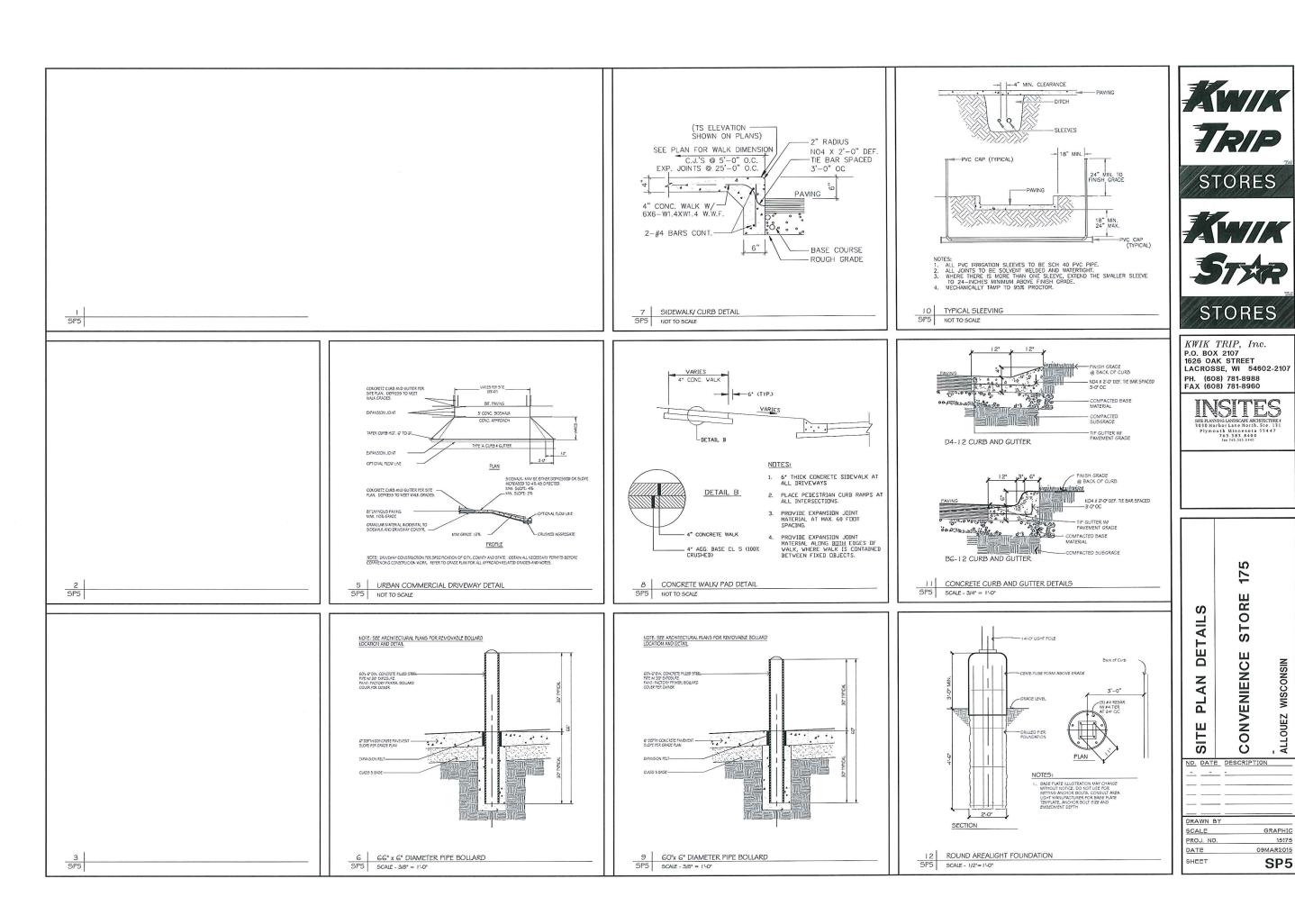
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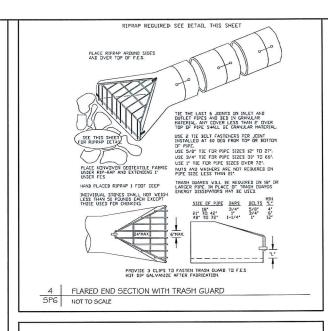
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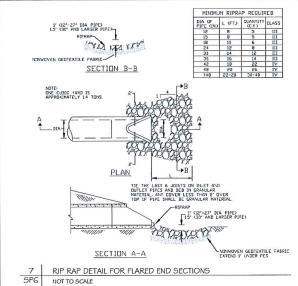
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FAX (608) 781-8960

1626 OAK STREET LACROSSE, WI 54602-2107 PH. (608) 781-8988

INSITES

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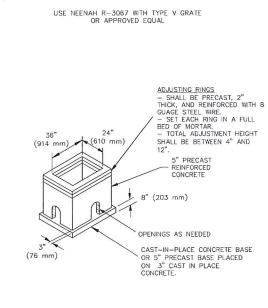
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I 48" 5"

I 60" 6"

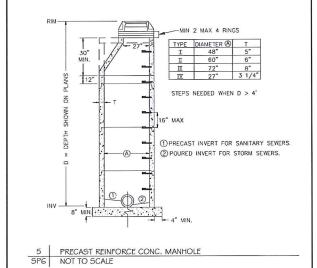
II 72" 8"

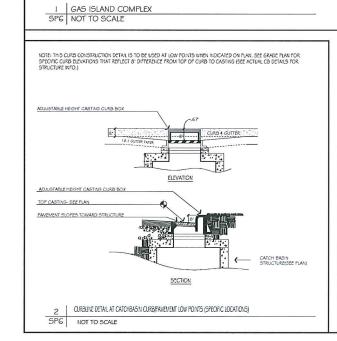
IV 27" 3 1/4" ----36-3/4" (933 mm) → 35-1/4" (895 mm) STEPS NEEDED WHEN D > 4' (1) PRECAST INVERT FOR SANITARY SEWERS. (2) POURED INVERT FOR STORM SEWERS.

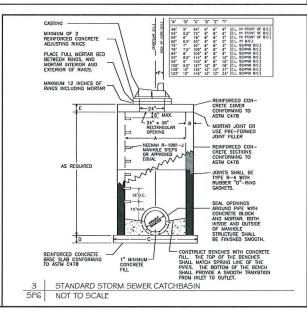


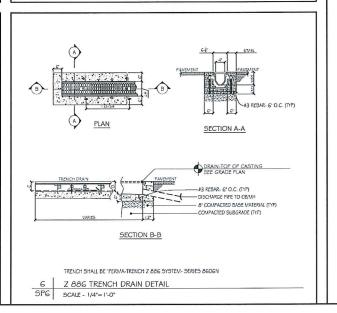
8 24"x 36" CURB INLET AND CASTING DETAIL SPG NOT TO SCALE

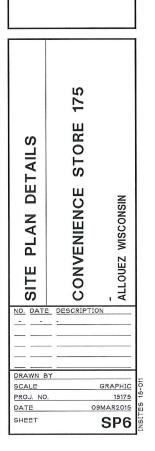
-24" (610 mm)--

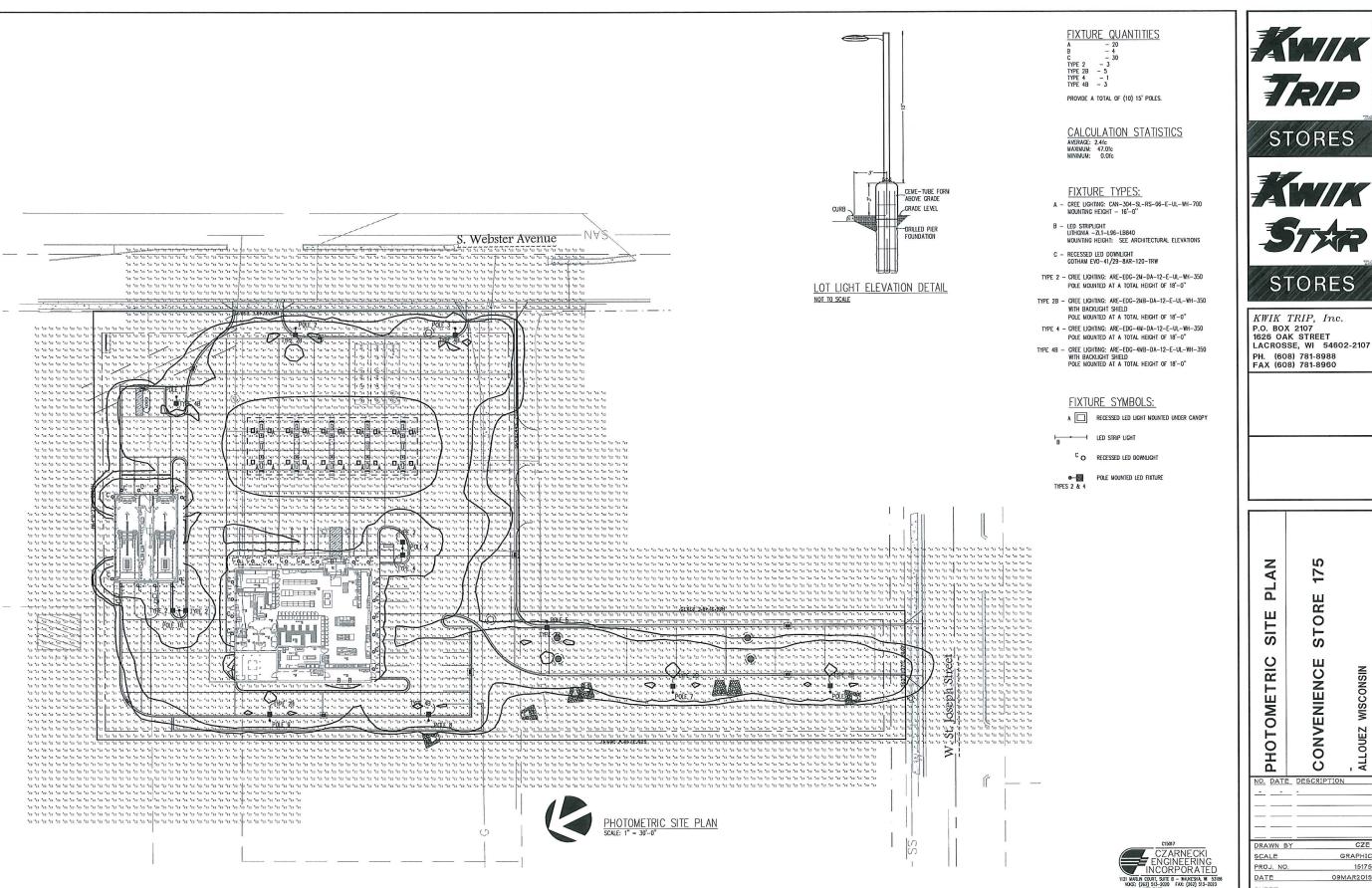














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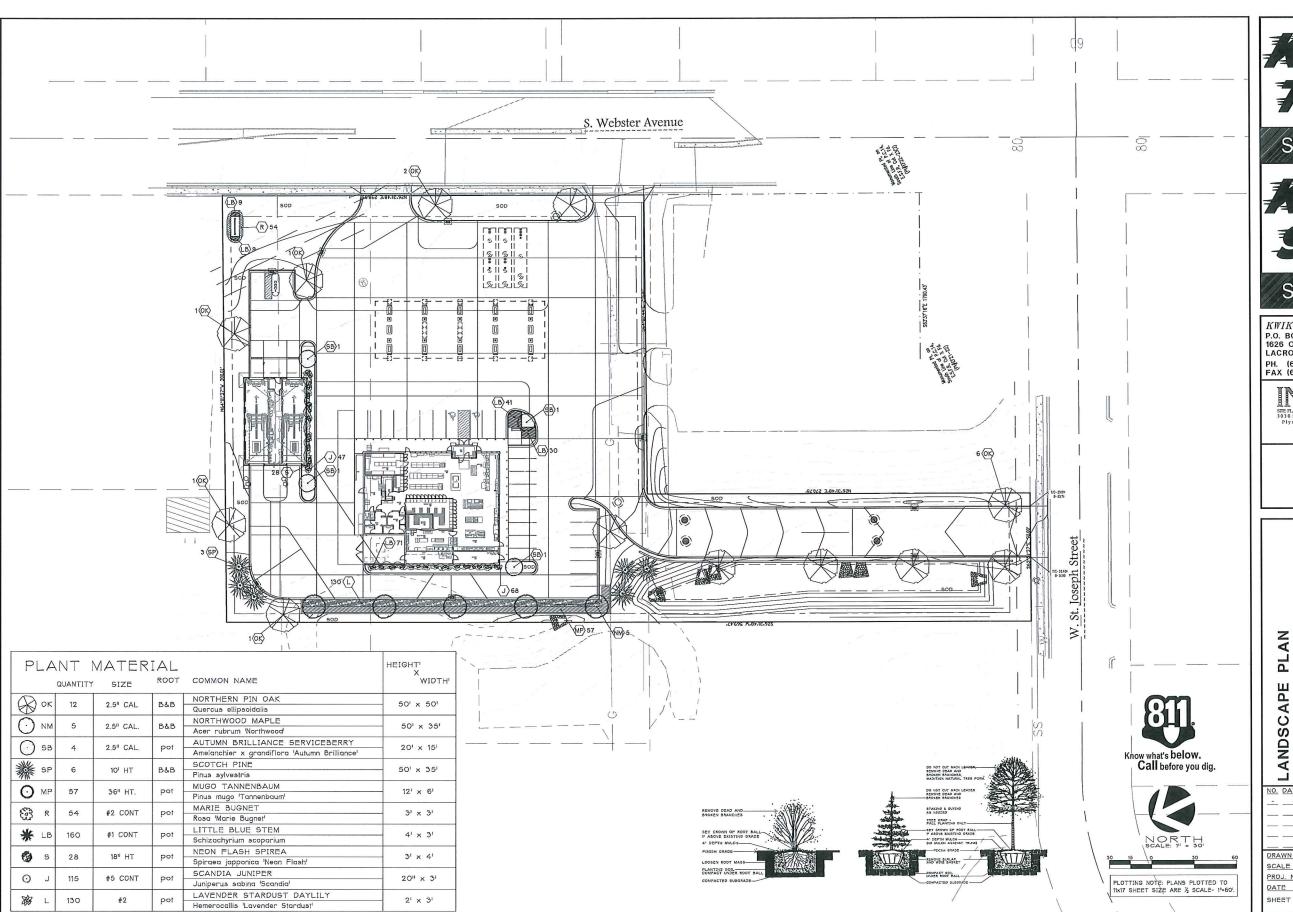
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AWIK TRIP

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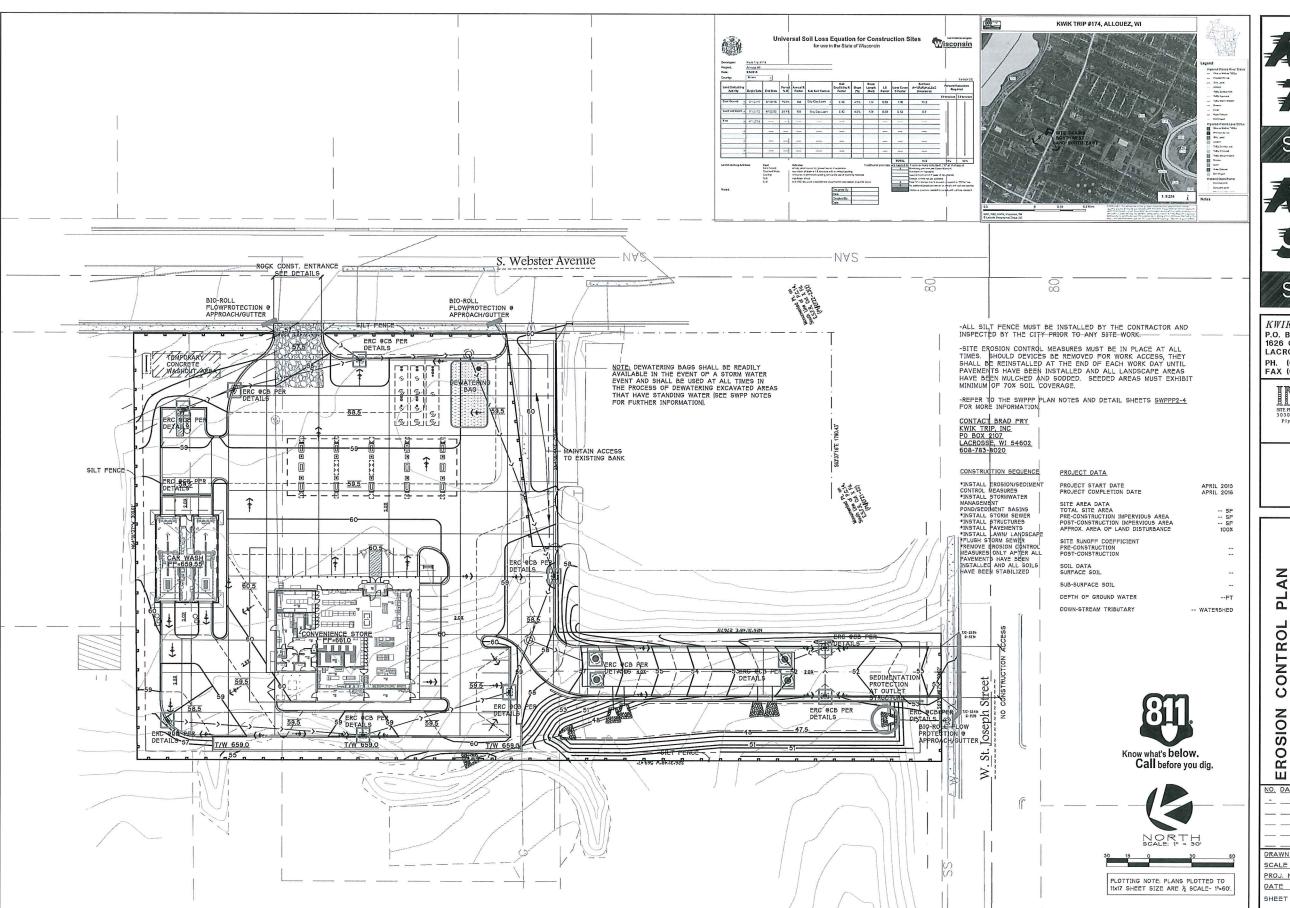
INSITES



17 ORE PLAN ST CONVENIENCE LANDSCAPE

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INSITES SITE FLANSING LANDSCAPE ARCHITECTURE I 3030 Harbor Lane North, Site. 131 Plymouth Minnesota 55447 763.383.8400



EROSION CONTROL PLAN
CONVENIENCE STORE 175

WISCONSIN

SWP1

NO. DATE DESCRIPTION

DRAWN BY
SCALE GRAPHIC
PROJ. NO. 15175
DATE O9MAR2015

GENERAL STORMWATER POLLUTION PREVENTION:

Apply for and obtain all necessary permits for Construction Activity.

Stormatter Pollution Prevention Plan (SWPPP): The SWPPP includes this narrative, Plan Sheets SP3, SP3.1 and SP3.2, and the Stormatter Management Colculations. Keep a copy of the SWPPP, all changes to it, and inspections and maintenance records at the the site during the construction. During the construction process in the SWPP will have to be amended for all changes performed by the contractor. The owner shall be aware of the amendments prior to changes made to the SWPP plan. All notes, photographs, recorded dates, sketches, references, and dagrams will have to be recorded and made available as part of the SWPP permit.

Individuals) preparing the SWPPP for the project, overseeing implementation of the SWPPP, revising and amending the SWPPP, and at least one individual on the project performing installation, inspection, maintenance, and repairs of BMP's must be trained. The training must be done by a local, state, feator logencies; professional organization; or other entities with expertise in erosion prevention, sediment control, or permanent Stormhater management.

Responsible Parties: The contractor must designate a person knowledgeable and experienced in the application of erosion prevention and sediment control BMPs who will oversee the implementation of the SWPPP, and the installation, inspection, and maintenance of the erosion prevention and sediment control BMPs before and during construction.

The owner is responsible for identifying who will have responsibility for the long term operation and maintenance of the permanent stormwater management systems.

Owner contact:

Company:

Address

Brad Fry Kwik Trip Inc. Kwik Trip, Inc. - Store Engineering 1626 Oak Street, P.O. Box 2107 La Crosse, WI 54601-2107

(608) 783-8020 Telephone:

SITE INVESTIGATION, INSTALLATION, IMPLIMENTATION :

- Prior to any work, contractor shall visit the site, document existing conditions as necessary/photos, notes, etc.) and note existing drainage
 patterns on and off site that are related to the project. These notes shall be part of the SWPP.
- Install all temporary enseine and setement control measures including all fence, rack construction entraceful, enseen control berms,
 rack filters, all backs, rock fearth berms, and sedimentation backs. Protect oil receiving voters, action backs, dishes, inteller sit. in and
 around the alle. All protective and preventative measures must be in place and inspected <u>prior</u> to beginning site clearing, grading, or
 other lond-staturbing cut-civity.
- 3. Prior to beginning site cleaning and grading, protect all storm sever inlets that receive runoff from disturbed areas. In order to prevent sediment from leaving the site and entering the covarience atorm sever system, seal all storm sever inlets that are not needed for site droinings during construction. Protect all other storms sever inlets by installing sediment control devices, such as sites socks, or nocked filtration lags/viers. Strow bales or fabric under the grates are not acceptable forms of inlet protection. Protect new storm sever inlets as they are completed. Maintain storm sever inlet protection in place until all sources with potential for discharging to the inlets are stabilized.
- 4. Before beginning construction, install a TEMPORARY ROCK CONSTRUCTION ENTRANCE at each point where vehicles exit the construction site When at all possible contractor shall designate only one access point for vehicles entering and exiting the site. The rock on the entrace will have to be inspected daily and replaced or rock supplemented by the contractor when over 50% of the voids in the rock are filled. A cleaning station should be made evaliable to drivers and viscoly signed as such. Provide shovels, brooms and/or hase with a weah out orea as calls can be removed from vehicles on site.
- 5. Avoid entire removal of trees and surface vegetation all at once whenever possible as this limits the amount of site subsceptable t erosion. Schedule construction zones and note this on the SVPP plan in order to expose the smallest practical area of soil at any given time. Utilize vegetation removal by on site grinding and mulching and using this material to protect the soil from erosion.
- Given time unique vegetions renoved by or his graining time intuiting due using ins historian to protect the solit from eclasion.

 Following initial soil disturbance or readsturbance, complete permonent or temporary stabilization oppins arosinal due to roting wind, and running water within 7 calender days on all disturband or ground crees. This requirement does not apply to those crees that are currently being used for moterial stracego on a delly beside or for those crees or thinking and the reconstruction activities are actively underway. Provide temporary cover on all stacked topooli piles, and other areas of stackpiled excavated material in order to prevent soil erosion and ropid running furing the construction period. Stackpiles can be mulched, accovered with poly or fabric, and or seeded during prolonged exposure. Prolonged periods of open, bare scrit subgrade completion. Seed and mulch, or sod and protect these areas with a minimum of 4º topool immediately offer final subgrade completion. Seed and mulch, or sod and protect these areas within 48 hours after completion of final grading work (weather permitting). Stabilize all disturbed areas to be powed using early application of gravel base. Stabilize the normal weted perimeter of any temporary or permonent drainage distor that conveys water from the construction site, or diverts water around the construction site, within 200 lined from the property dega, or within 200 feet from the port of discharge to any surface water. Stabilize temporary or permonent drainage dischas within 24 hours of connection to a surface water, Protect outfalls minumum of 200feet down stream and to the side of the discharge point. Additional setting flools' achievable tytical legs or fiftered sites based in the rotannal will disappore the water energy. Provide pipe outlets with temporary or permonent energy dissipation within 24 hours of connection to a surface water.
- 7. Receiving Waters It is the contractors responsibility to inspect the site discharge point as well as downstream to the receiving body of water[point, lake, stream, etc] on a regular basis including after each storm event and document if any differences or changes in normal in discharges and if material is levering the construction site. If is oit shall be documented an environment affects.

NOTE: ALL EROSION AND SEDIMENT CONTROL DEVICES WILL BE CHECKED BY THE CONTRACTOR AFTER EACH STORM EVENT AND BE MAINTAINED, OR IMPROVED UPON AFTER EVERY STORM EVENT TO ENSURE ADEQUATE PERFORMANCE.

POLLUTION CONTROL:

- Designate a Concrete Wash-out and truck wash area: Make it visible in the field to vehicle operators and note this on the SWPP plan.
- a. When washouts occur on the site, concrete washout water must be contained in a leak-proof containment facility or impermeable liner. Liquid and solid wastes may not touch the ground and there must not be runoff from the concrete washout operations or areas.
- b. On sites where Concrete Washout areas are not feasible as shown on the Detail Sheet, above ground methods and/or off-site methods on be utilized as approved by Owner.
- c. Concrete washout may be provided off-site by Concrete Contractor or Concrete Supplier, at an approved washout disposal area. Concrete Supplier may provide Concrete Washout Areas an-board their transports for disposal off-site. Concrete Contractor shall verify with Supplier in regards to provided Concrete Washout crease on and off-site, as necessary.
- d. Limit external washing of trucks and other construction vehicles to a defined area preferably before the construction access/expoint. Wash vehicles only on an area stabilized with store that drains into an approved sediment trapping device. Contain runoff and properly alispose of washe. Engine degreeshing is prohibited.
- Solid Waste: Properly dispose of collected seament, asphalt and concrete millings, floating debris, paper, plastic, fabric, construction and demolition debris, and other wastes in compliance with State requirements.
- 3. <u>Hazardous Materials</u>: Property dispose of all waste and unused building materials (including garbage debris, cleaning wastes, oil, gasaline, pain, vastewater, toke materials, and hazardous materials) of firsts. Do not allow waste and unused building materials to be corried by runoff into a receiving channel or storm severe system. Property store oil, gasaline, point, and other hazardous materials in order to prevent spills, leaks, or other descharge. Include secondary containment. Restrict access to storage areas in order to prevent vancials. Storage and disposal of hazardous materials must be in compliance with regulations.
- Mochinery, and mechanicalized equipment that leaks waste shall have a protective barrier or containment under the device adequate
 to contain the waste. Properly dispose of the waste.
- 5. Emergency spill station: Contractor shall locate and sign on emergency spill station that has necessary containment or cleanup devices

EROSION CONTROL :

Apply necessary moisture to the construction area and haul roads to prevent the spread of dust.

Contractor shall utilize coarsely ground wood and tree mulches to cover exposed soils. Mulches shall be spored on site to supplement and use in problem areas during all phazes of the construction project.

Contractor shall uses star tack or other organic substances in situations to prevent soil from eroding away by wind or rain

Whenever possible contractor shall grade areas of soil to limit potential of erosion, to include tracking perpedicular to fall line of grades as well as diverting water flows from problematic areas on the site.

Seeding, fiber blankets, poly/torps or cover mulches, disked mulches and compost can be used to cover temporarily exposed areas from wind and rain. Other methods by the contractor shall be documented in the SWPP.

SEDIMENT CONTROL:

Inlet Sediment Control Protection Devices; The following are approved Inlet Sediment Control Devices:

- a. Road Drain Top Slob Model RD 23 (fits rough opening for 2½) inlet), Road Drain Top Slob Model RD 27 (fits rough opening for 27° inlet), or Road Drain Top Slob Model CG 3067 (fits Neenah Casting with 35-1/4*417-3/4* dimensions) monufactured by VIIIACO, 799 Theis Drive, Shokopee, MN, 5579, Phone (952) 23>-3055. or approved equit.
- h Sit Sock monifectured by ACF ENVIRONMENTAL 2831 Condwell Road Richmond VA 23234, Phone (800) 448-3636, or opproved equal
- c. InfraSafe Sediment Control Barrier. Install geotextile sock on the outside of the barrier in order to trap additional fines. Standard frames are available to fit 24" to 30" diameter and 2%" openings. Distributed by ROYAL ENTERPRISES AMERICA, 30622 Forest Boulevard, Stocy, Mty, 55079, Phone [651] 462-2130. or approved equal.
- d. Ridge Bog Rock Log. Use rock logs only for curb inlets offer povement is in place. Manufactured by RED BARN RIDGE, 3135 County Road 136, Saint Cloud, MN, 35301, Phone (320) 253-3744. or approved equal
- e. Inflatable drain plugs by Interstate Products www.interstateproducts.com or approved equal

Riprop:
Place a 450 mm (18 inch) thick layer of riprop anto a 225 mm (9 inch) thick layer of granular filter material at locations indicated on the plan in accordance with YIDOT Specification 606. Install two layers of medium duty Geotextile fabric (YIDOT HR, section 6453.7) beneath the granular filter material. At pipe outfalls configure the installation as shown on detail sheet for the size of pipe indicated and extend the geotextile fabric under the culturet porci on minimum of 3 feet. For pipe sizes smaller than 300 mm (12 inch) diameter, the minimum quantity of riprop and filter blanket shall be no less than that required for 300 mm (12 inch) diameter pipes.

<u>Silt Fence;</u> Install and maintain per WIDNR Conservation Practice Standard 1056.

Install and maintain per WIDNR Conservation Proclice Standard 1006.

Install all fence along the contour [on a level horizontal plane] with the ends turned up [J-hooks] in order to help pand water behind the fence. Install the silf fence on the uphill side of the support posts. Provide a post spacing of 12 m [4 feet] or less. Drive posts at least 0.5 m [2 feet] into the ground. Anchor the silf fence fabric in lateranch and then backfill and compact with a vibratory plate adoption the upport posts. Lay the fabric in the trench and then backfill and compact with a vibratory plate compactor. Make any splices in the fabric at a fence post. At splices, overlap the fabric at least 152 mm [6 inches], fold it over, and securely fosten it to the fence post. Silf fence supporting posts shall be 55 mm [2 inch] squere or longer hordwood, plane, or standard Tar or U-section steel posts. The or U-section steel posts shall weigh not less than 18002 kg per metre (125 is per lineal foot). Posts shall have a midman length of 1524 mm [5 feeth]. Posts shall have projections to facilitate festering the fabric and prevent slippose. Geotestile fabric shall be uniform in texture and appearance and have a north-shel in a cort. The fabric shall contain sufficient utiravialet (IV) ray inhibitor and stabilizers to provide a minimum two-year service life outdoors. Postric color shall be international contage. In high traffic acres contractor shall reinforce sit ferning and matin posts, extreme circumstances will require temporary concrete median sections to support material backing of stock piled soil or filled earth.

Install silfence, or other effective sediment controls, around all temporary soil stockples. Locats soil or dirt stockples containing more than 10 cubic yards of material such that the downstope drainage length is no less than 8 m (25 feet) from the toe of the pile to a readway or drainage channel. If remnining for more than eaven days, stolking the stockplines by mulching setablities cover (prays or other means. Central erosion from all stockples by placing silf fence barriers around the piles. During street repair, cover construction as large of all stockples located closer than 8 m (25 feet) to a roadway or drainage channel with large, and protect storm sewer in/ets with silt sacks or stocked silfence. Do not stock pile soil or material near couch basins or drainage ways.

Stone Tracking Pad Hemporary Rock Censtruction Entrance:
Install and maintain per WIDNR Conservation Practice Standard 1057, Use 3 inch to 6s diameter rock. Place the aggregate in a layer at least 300 mm (12 inches) thick across the entire width of the entrance. Extend the rock entrance of least 15 m (50 feet) into the construction zone. Use a WIDDT Type R permeable gestextile fabric material beneath the aggregate in order to prevent rigination of soil into the rock from below. Mantain the entrance in a condition that will prevent tracking or flowing of sediment onto proved roadkays. Provide periods top dressing with additional stone as required. Close entrances not protected by temporary rock construction entrances to all construction interface.

Temporary Sediment Basins
In the construction process or if noted on the plan the contractor shall construct temporary sediment basin(s). As per general rule the sediment basin shall be sized appropriately to a copacity reletated to the drainage area on a ratio of \$500 cubs. Fest per care of drainage zone entering the basin. Basins shall be inspected after every rainfall event, material removed and stabilized. If changes to the basin are made, occurrent and arend the SWPP plan.

If dewatering is required and sump pumps are used, all pumped water must be discharged through an erosion control facility (temporary sedimentation basin, grit chamber, send filter, upflow chamber, hydro-cyclone, swirt concentration, dewatering bag or other appropriate facility) prior to leaving the construction site. Proper energy dissipation must be provided at the culter of the pump system. Discharge clear water only. To achieve better separation of the material suspended in the water a biodegradable not taxis floculating and may be

required.
For more information and materials go to by Interstate Products www.interstateproducts.com

INSPECTIONS - MAINTENANCE - DAILY RECORD - AMEND THE SWPP PLAN

- 1. Contractor shall inspect all enables and sediment control devices, stabilized areas, and infiltration areas on a <u>daily balls</u> until land-daturing activity has seased. Thereofier, inspect of least on a <u>weakly balls</u> until vegetative cover is established. Inspect all erasion and sediment control devices, stabilized areas, and infiltration areas whinh 24 hours, after a collar weather than 0.5 inches in 24 hours. Remove occumulated sediment deposits from behind erasion and sediment control devices as needed. Do not allow sediment to accumulate to a depth of more than one-third of the height of the erasion and sediment control devices. Imeredately replace deteriorated, damaged, rotted, or missing erasion control devices. Decument inspections and dates of racinfall events. Maintain a written log of all inspection, maintenance, and report activities related to erasion and sediment confolities. All nord/functional BMPs must be repaired, replaced, or supplemented with functional BMPs within 24 hours after discovery, or as soon as field conditions allow access.
- 2. All inspections and maintenance activities must be recorded in writing DAILY in a detailed recordinates, photographs, sketches, etc, and kept with the SYMPP by the contractor.
- 3. Contractor shall remove all soils and sediments tracked or otherwise deposited onto adjacent property, powement areas, sidewalks, streets, and alleys. Removal shall be on a <u>daily basis</u> throughout the duration of the construction and/or as directed by the City. Clean proved roadways by shoveling or well-aweeping. Do not dry sweep. If necessary, surrope proved surfaces in order to locase composted sediment material prior to sweeping. Hout sediment material to a suitable deposal area. Street washing is allowed only offer sediment has been removed by shoveling or sweeping.
- All soil houled from the site shall be accounted for and documented in the SWPP by the contrastor. Its final destination and how the soil has been stored and stabilized.
- 5. Contractor shall maintain all temporary erosion and sediment control devices in place until the contributing drainage area has been stabilized [hard-surfaced areas proved and vegetation established in greenspose). Repair any miling, gully formation, or weshouls. After final establishment of perimenent solutionization, remove all temporary synthetic, structural, and non-locegradable erosion and sediment control devices and any occumulated sediments. Dispose-of off site. Restore permanent sedimentation basins to their design condition immediately following stabilization of the site.
- 6. Contractor shall clean sedimentation basins, storm sever catabasins, dictaes, and other drainage facilities as required in order to maintain their effectiveness. Temporary and permanent sedimentation basins must be drained and the sediment removed when the depth of sediment callected in the basin reactes 1/2 of the storage valume. Drainage and removal must be completed within 72 hours, or as soon as field conditions allow access.
- Contractor shall inspect infiltration areas to ensure that no sediment from ongoing construction activities is accumulating. Remove sediment immediately ensuring subsols are not compaced by machinery.
- Every vehicle shall not track material off-site. Clean the wheels of construction vehicles in order to remove soils before the vehicles
 leave the construction site. Wash vehicles only on an area stabilized with stone that drains into an approved sediment trapping device
- Contractor shall reinforce erosion control facilities in areas where concentrated flows occur [such as swales, ditches, and areas in front of culverts and catchbasinal by backing them with snow fence, wire mesh, or stiff plastic mesh reinforcement until poving and furf sabtabilishment operations have been completed. Posts for the reinforcing fence shall be 100 mm (4 inch) diameter wood pasts, or standard steel fence posts weighing not less than 0.99 kg (1.5 last) per lineal foot, with a minimum length of 762 mm (30 inchest) plus buriol depth. Space posts for the reinforcing fence at intervals of 3 m (10 feet) on less. Drive posts for the reinforcing fence at intervals of 3 m (10 feet) on less.

GENERAL SOIL STABILIZATION:

Establishment of lawn, prairie/wildflower and/or plant bed areas will be noted on the landscape plan

to ensure stabililization of soils, restaking of sad where applicable, proper watering and mulch montenance will be required. Inspect seeded or sadded areas on a timely day-to-day basis. In the event of a seeding follure, reseed and remulch the areas where the original seed has folled to grow and perform additional outsing as necessary of no additional cost to the Owner. Special mointenance provisions for wide and praire gross seeded areas as noted in the indescape plan. Fromptly replace all sed that arise out to the point where it is presumed dead and all soil that has been damaged, displaced, weakned or network instead with weak at no additional cost to the

In creas to be <u>temporabily</u> seeded, use <u>introduced</u> seed mixture equivolent to WIDDT #10 or #20. Apply seed mixture per WIDDT 600,03.5. Incorporate o fertilizer (slow release type with 10 week residual consisting of 22-0-30 [NI-P-K] into the soil of an application rate of 224 kg per heteric [200 list per ocre] by disking pror to seeding. In problematic areas it may be necessary to use a low phospharus organic fertilizer in cases where seeds may not germinote. If this is the case, seed and fertilizer shall be disked into the surface and multipled property to ensure germination and uptake of the Phospharus by the seed.

To ensure adequate germination of the seed the work will be performed as follows:
Spring-from April 1 Intrough Koy 15.
Fail: Trom August 15 to September 20.
After September 20, wait until October 30 to perform dommant seeding. Domant seeding will only be allowed if the maximum soil temperature of a depth of 25 mm (f inch) does not exceed 4.44 degrees C [40 degrees F] in order to prevent garmination.

In seeded areas with alopes steeper than 3:1 and lengths less than 15 meters (50 feet), install biodegradable erosion control blankets uniformly over the soil surface by hand within 24 hours ofter seeding in occordance with manufacturers recommendations. Use WIDO

In creas where irrigation is to be installed, contractor shall work in zones to finish grade and install the system in zones. Note: Erosion control measures shall remain in place until sails have been stabilized with said or seeded areas that exibit minimum of 70% fown vegetative accerage. If sit fence has to be removed to install the irrigation system, it shall be reinstalled at the end of soch work day or use bio rolls to provide protection during the installation process until flown oreas have said and/or plant beds are mulched.

In areas to be sodded, sill fence can be removed short term for working, but exposed soil areas shall be sodded or erasion control measures shall be reinstalled at the end of each work day.

NOTE: THE PROJECT'S LANDSCAPE PLAN IS PART OF THE SWPP FOR SOIL STABILIZATION. REFERENCES SHALL BE MADE TO THE APPROVED LANDSCAPE PLAN. AMENDMENTS TO THE LANDSCAPE PLAN SHALL BE APPROVED BY THE OWENER AND DOCUMENTED AS PART OF THE SWPP



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

INSITES SITE PLANNING LANDSCAPE ARCHITECTURE 3030 Harbor Lane North, Ste. 13 Plymouth Minnesota 55447 763.383.8440



EROSION	CONVENIENCE	ALLOUEZ WISCONSIN
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CONTROL	STORE	
DE		
DETAILS	175	

GRAPHIC

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SWP2

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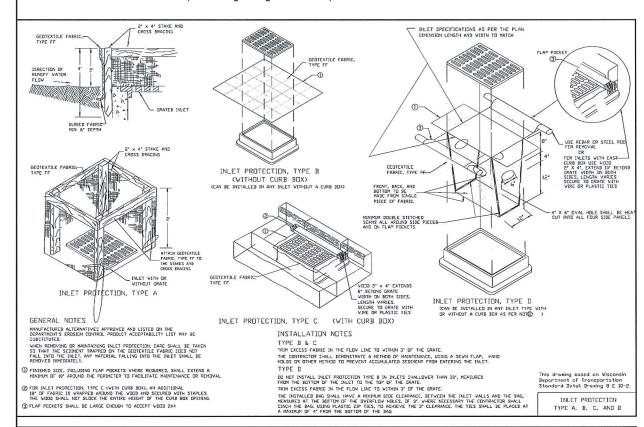
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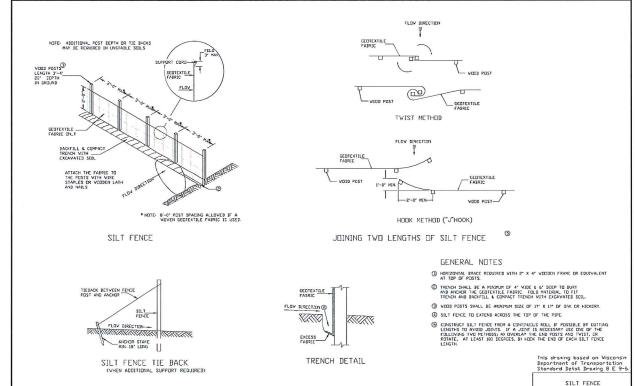
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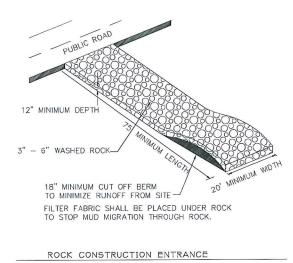
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ALL EROSION CONTROL MEASURES TO BE INSTALLED AND MAINTAINED PER WDNR STANDARDS

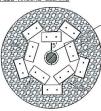
http://dnr.wi.gov/org/water/wm/nps/stormwater/techstds.htm







OPTION 1- HAYBALES AROUND BEEHIVE



STORM SEWER CATCHBASIN

TWO 2" X 2" WOOD STAKES OR REINFORCING BARS IN EACH BALE AND IMBEDDED IN THE GROUND 10" MINIMUM

2 ROWS HAY BALES PLACED ON EDGE WITH OVERLAPPING JOINTS.
BACK FILL AREA WITH 1 1/2-6" DIA DRAINAGE ROCK.

OPTION 2- SILT FENCE CONTROL AROUND BEEHIVE



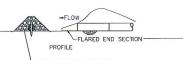
ROCK WEEPER-SEE DETAIL

STORM SEWER CATCHBASIN

SILT FENCE INSTALLED AS
PER DETAIL PLATE ERO-1

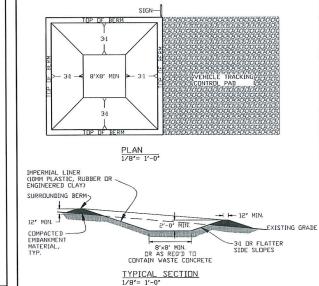
-MINIMUM OF 8 2" X 2" WOOD POST OR STEEL POSTS ARE REQUIRED

C. ROCK WEEPER PROTECTION AT FLARED END SECTION/QUILET PIPE— SEE ROCK WEEPER DETAIL FOR INSTALLATION DIKE SHALL BE MIN. 6" HIGHER THAN DIAMETER OF PIPE



-ROCK WEEPER-SEE DETAIL

BEE-HIVE CASTING AND FLARED END SECTION EROSION/SEDIMENT CONTROL



ONCRETE WASHOUT AREA INSTALLATION NOTES

- 1. SEE EROSION CONTROL PLAN FOR LOCATIONS OF CONCRETE WASHOUT AREA(S), TO BE PLACED A MIN. OF 51 FROM DRAINAGEWAYS, BODIES OF WATER, AND INLETS!
- THE CONCRETE WASHOUT AREA[S] SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
 VEHICLE TRACKING CONTROL PAD IS REGID AT THE ACCESS POINT[S].
- 4. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREAIS, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREAS TO OPERATORS OF CONCRETE TRUCKS AND PUPP RICS.
- 5. EXCAYATED MATERIAL SHALL BE UTILIZED IN PERIMETER BERM CONSTRUCTION.

CONCRETE WASHOUT AREA MAINTENANCE NOTES

- 6. THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE
- AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM SITE AND DISPOSED OF AT AM APPROVED WASTE SITE.
- 8. WHEN CONCRETE WASHOUT AREA(S) IS REMOVED, THE DISTURBED AREA SHALL BE STABILIZED PER SITE EROSION CONTROL MEASURES.
- 9. INSPECT WEEKLY AND DURING AND AFTER ALL STORM EYENTS, CLEAN-OUT OR COVER WASHOUT AREA PRIO TO PREDICTED STORM EVENTS TO PREVENT OVER-FLOW.

CONCRETE WASHOUT AREA

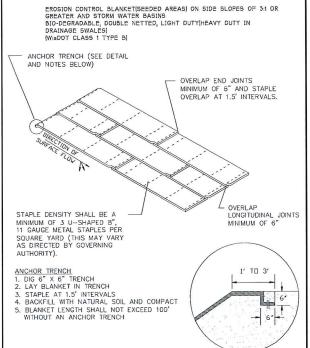
STORES

KWIK TRIP, Inc.
P.O. BOX 2107
1626 OAK STREET
1ACROSSE WILL 54802-2107

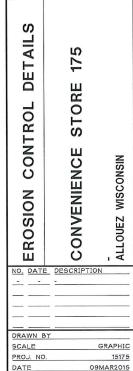
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SIE FLANNING LANDSCHE ANCHHECUTER A 3030 Harbor Lane North. Ste. 131 Plymouth Minnesons 55447 ft. 1733-35440

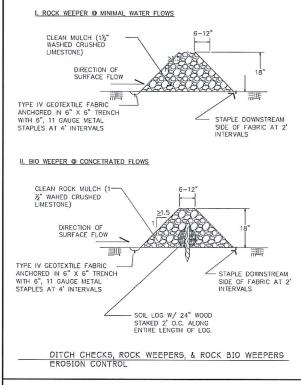




EROSION CONTROL BLANKET INSTALLATION



SWP3



Channel Erosion Mat

during and after the establishment of grass or other vegetation in a channel. This practice

Users of this standard shall be sware of applicable federal, state, and local laws, rules

Only must listed in the Wasconsin Decurrment of

Type A – Only suitable for slope applications, not channel application

Class II: A long-term direction (three year or greater), organic ECRM.

Type A – Jute fiber only for use in channels to reinforce sod.

Type B – For use in channels where the calculated (design) shear stress is 2.0

3 Type C - A woven mot of 100% creatic material for use in chara-

Communition Francisco Standards are reviewed periodically and updated Francisco. To obtain the course's sersion of this standard, contact year local VENR effor or the Standards Oversight Council office in Madison. WONR W

D. Imtallation

ECPM shall be installed after all top solling, feetilizing, liming, and seeding is complete.

2. Erosion mets shall extend for whicheve

The mat shall be in firm and common contact with the soil. It shall be suchored, overlapped, staked and entreached per the manufacturer's

TEM shall be installed in conjunction with the topsoding operation and shall be followed by ECRM installation.

At time of installation, document the manufacturer and mat type by saving material labels and manufactures's installation instructions. Pensin this documentation until the site is

1. Type A - An ECRM for use in shear stress of 2.0 has fit or less.

Type B – A TPM for use in channel where the calculated (design) shear stress of 2 0 loss ft² or less.

 Type C - A TEM for use in channel where the calculated (design) shear stress of 3.5 lbs/ft² or less. 4. Type D - A TEM for use in channels stress of 5.0 lbs/ft or less

C. Class III TFM may be appropriate as replacement for rigrap as a channel liner. Check the their stress criteria for the channel to determine may.

Once a gully has formed in a channel, it is difficult to stabilize due to loss of soil structure. Even when the gully is filled with topsoil and reseaded, the soil has a

Erosion mais shall at a minimum be inspected weekly and within 24 hours after

X. Definitions

Charmel Erocion. The deepening and widenin of a channel due to soil loss caused by flowing water. As all's become larger and flows begin conventions and datas beams or one primarile.

Turf-Reinforcement Mets (TRM) (II): Turf-

WONE, WE 3



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INSITES



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SHEET

GRAPHIC PROJ. NO. 15175 09MAR2015 SWP4

VATER ENTRY UNCT GENERAL NOTES HISM NOT RECONCIET TO RODGE FIPED AND STOOMS OFFICE OPDOS NOT BE SELECTED TO LYBER FOO BRING IN FAMAN OF THE RESPIRATION AND REPORTED FIRED ON WARRING TO HAVE ON MAY BE COMMENTED THE AND FORDER FRONCISCO ON MAY BE COMMENTED THE AND FRONCISCO. THE HERIZONIAL TUTE VIT A CONSTANT HTERALLE PRINCETION MUST BE INSTALLED ALDING THE EMBANABAT DARKE DIG OF THE PIPE. SYSTEM REGILARLY TO DIGUE IT IS FUNCTIONING IN A PRIVED THE PROPERTY AND AVAILABLE, ROTER TO THE FLOV SHEE DUTY SHEET, AND INSTRUCTIONS ON YES SITE FOR EACH SIZE. SDEBULE 40 FVC FI PVC VENT SDEDLE 4) PVC PPE QUREL DR-OUR SCHED SCHEE HERSER LEG SIDE VIEW WOULD TOWNER BY FAIRCLOTH SKIMMER* DISCHARGE SYSTEM WITH EMBANKMENT GONDLAY SENEN

THE RESTS AND RE COPACIES TO RECORD FIRST ACCUSATIONS OFFI PRICE SENIOR OF THE RESTRICTS OF EXAMENDED BRANK IN PRICE ACCUSATE ACCUSATION OF RESTRICTS OF FREED OF FREED OF SENIOR SENIOR AS DESCRIPTION OF THE SENIOR ACCUSATION OF SENIOR SENIOR FREED OF THE COPACIES TO RECORD FREEDOM IN FROTECTION MIST BE INSTALLED ALDING THE EXS SENANCE USE OF THE FORE. IT SYSTEM REGULARLY TO DISJANE IT IS FUNCTIONS. BASINA HEISHT DE FLOAT V-EN NO DIMER STORM VATER E-SOURCE DEPOISS DIST WATER ESOURCE DEDONG TOP VIEW FLEXIBLE HOSE MATT WE SECURDLY PASTIDIED TO THE VATER QUALITY ESOUNCE DRONG SIDE VIEW MANTAN EFFESSIN TO MODELLO DANCE OF STUDENTS FAIRCLOTH SKIMMER *DISCHARGE SYSTEM VITH DUTLET

STRUCTURE CONFICED STATES AS

STRUCTURE

CONFIGURATION STATES

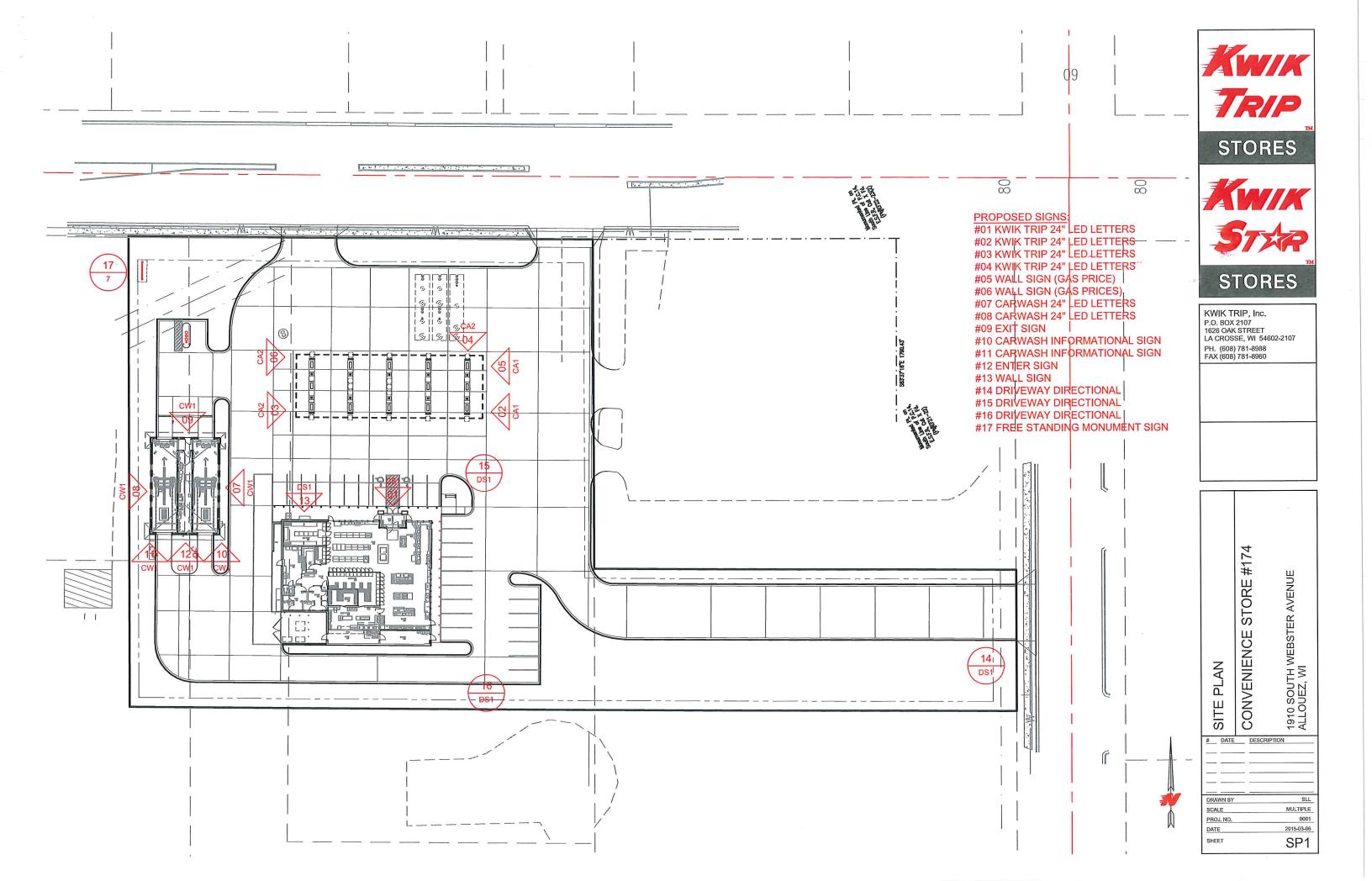
STRUCTURE

ENERAL NOTES:
1. PROPER RESEARCH FOR COMPLETES TO KNOWN FIRM

VATER ENTRY LICT VITH TRASH SCREEN

FAIRCLOTH SKIMMER DISCHARGE SYSTEM(OR APPROVED EQUAL BY OWNER)
SEDIMENT CONTROL

NOTE: SEDIMENT LOGS SHALL BE "CURLEX" BY AMERICAN EXCELSIOR COMPANY www.americanexcelsior.com/erosioncontrol OR APPROVED EQUAL - WOOD STAKE (OPTIONAL TRENCH ON BARE SOIL) STAKE DETAILS
(ON TOP OF CURLEX® ECB) (2) CURLEX SEDMENT LOGS 0 - #000 STAKE (ON BARE SOIL) SLOPE DETAIL STAKE DETAIL (FRONT VIEW) 5 BIO ROLL INSTALLATION ("LOG WEEPERS") EROSION CONTROL





STORE ELEVATION

SCALE: 1/8" = 1'-0"



LOGO DETAIL - SIGNS #X & #X

SCALE: 1/2" = 1'-0"



STORES

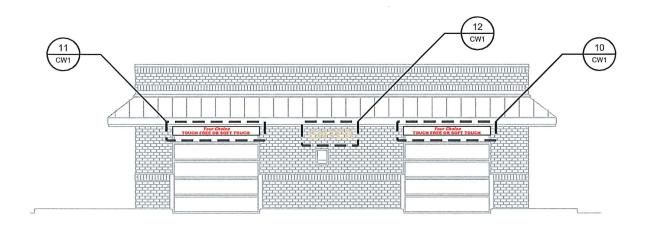


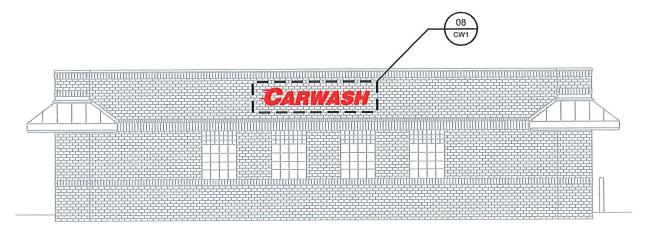
STORES

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

CONVENIENCE STORE SIGNAGE

CONVENIENCE STORE #174 MULTIPLE SCALE 0001 PROJ. NO. 2015-03-06 DATE CS1



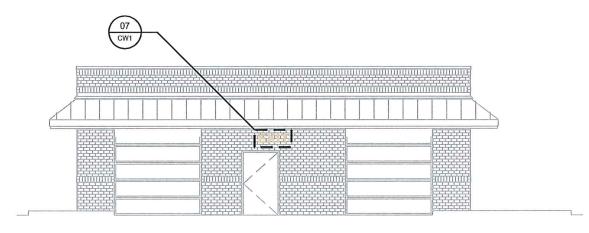


ENTER ELEVATION

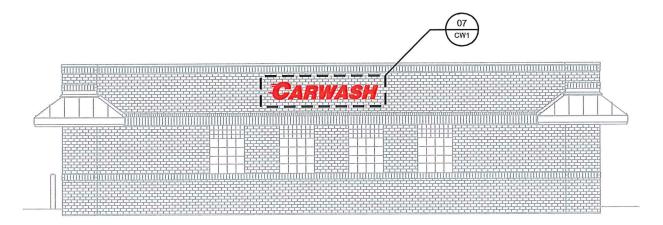
SCALE: 3/32" = 1'-0"

SIDE ELEVATION

SCALE: 3/32" = 1'-0"



EXIT: 12" TALL X 36" LONG
DESERT SAND (TAN) LETTERS

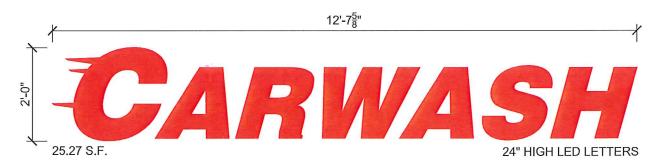


EXIT ELEVATION

SCALE: 3/32" = 1'-0"

SIDE ELEVATION

SCALE: 3/32" = 1'-0"



LOGO DETAIL - SIGNS #X & #X

SCALE: 1/2" = 1'-0"

CARWABA SIT STATE THE STAT

2015-03-06

CW1

DATE

SHEET

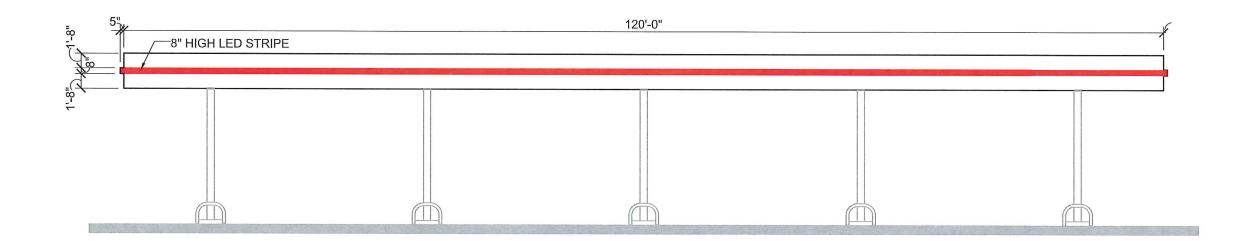


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LA CROSSE, WI 54602-2107
PH. (608) 781-8988
FAX (608) 781-8960

CARWASH SIGNAGE

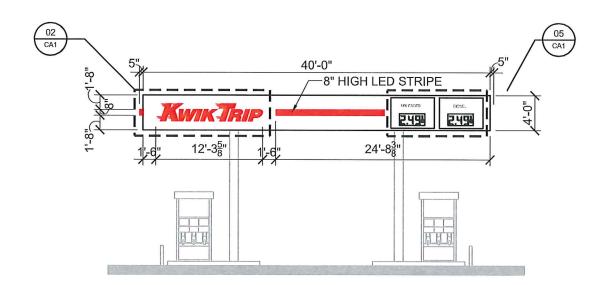
CONVENIENCE STORE #174

1910 SOUTH WEBSTER AVENUE
ALLOUEZ, WI



CANOPY ELEVATION

SCALE: 3/32" = 1'-0"

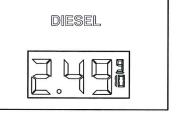


CANOPY ELEVATION

SCALE: 3/32" = 1'-0"



UNLEADED







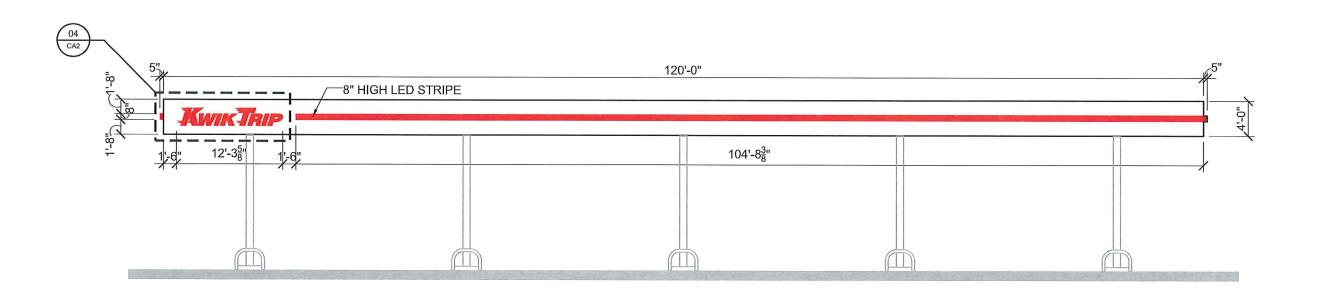
KWIK TRIP, Inc. P.O. BOX 2107 1626 OAK STREET LA CROSSE, WI 54602-2107 PH. (608) 781-8988 FAX (608) 781-8960

CANOPY SIGNAGE CONVENIENCE STORE #174 1910 SOUTH WEBSTER AVENUE ALLOUEZ, WI

DATE DESCRIPTION

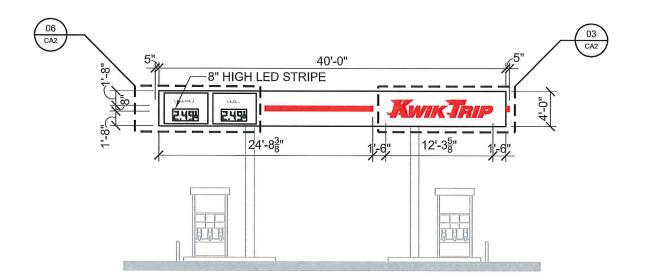
DRAWN BY SLL
SCALE MULTIPLE
PROJ. NO. 0001
DATE 2015-03-06
SHEET CA1

SCALE: 1/2" = 1'-0"



CANOPY ELEVATION

SCALE: 3/32" = 1'-0"



CANOPY ELEVATION SCALE: 3/32" = 1'-0"



LOGO DETAIL - SIGNS #X & #X

SCALE: 1/2" = 1'-0"



NAGE	CONVENIENCE STORE #174	STER AVENUE
CANOPY SIGNAGE	_	1910 SOUTH WEBSTER AVENUE ALLOUEZ, WI
DATE	DESCRIPTIO	N .

)	, ,
# DATE	DESCRI	PTION
	_	
	_	
DRAWN BY		SLL
SCALE		MULTIPLE
PROJ. NO.		0001
DATE		2015-03-06
SHEET		CA2

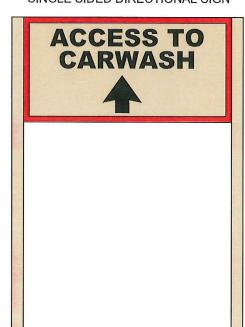
ACCESS TO CARWASH

NON-LIT DIRECTIONAL SIGN
WHITE VINYL ON RED ALUMINUM
1'-0"H X 4'-0"W = 4.0 SQ FT

WALL SIGN

SCALE: 3/4" = 1'-0"

SINGLE SIDED DIRECTIONAL SIGN



NON-LIT DIRECTIONAL SIGN
RED & BLACK VINYL ON LIGHT BEIGE ALUMINUM
1'-6"H X 3'-0"W X 4'-6"T= 4.50 SQ FT

DIRECTIONAL SIGN

SCALE: 3/4" = 1'-0"

DOUBLE SIDED

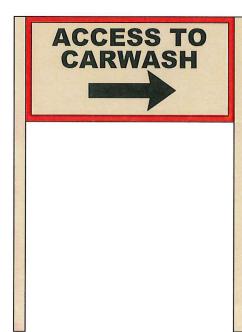


NON-LIT DIRECTIONAL SIGN
RED & BLACK VINYL ON LIGHT BEIGE ALUMINUM
1'-6"H X 3'-0"W X 4'-6"T= 4.50 SQ FT

DIRECTIONAL SIGN

SCALE: 3/4" = 1'-0"

SINGLE SIDED DIRECTIONAL SIGN



NON-LIT DIRECTIONAL SIGN
RED & BLACK VINYL ON LIGHT BEIGE ALUMINUM
1'-6"H X 3'-0"W X 4'-6"T= 4.50 SQ FT

DIRECTIONAL SIGN

SCALE: 3/4" = 1'-0"



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DIRECTIONAL SIGNAGE

CONVENIENCE STORE #174

1910 SOUTH WEBSTER AVENUE
ALLOUEZ, WI

 DRAWN BY
 SLL

 SCALE
 MULTIPLE

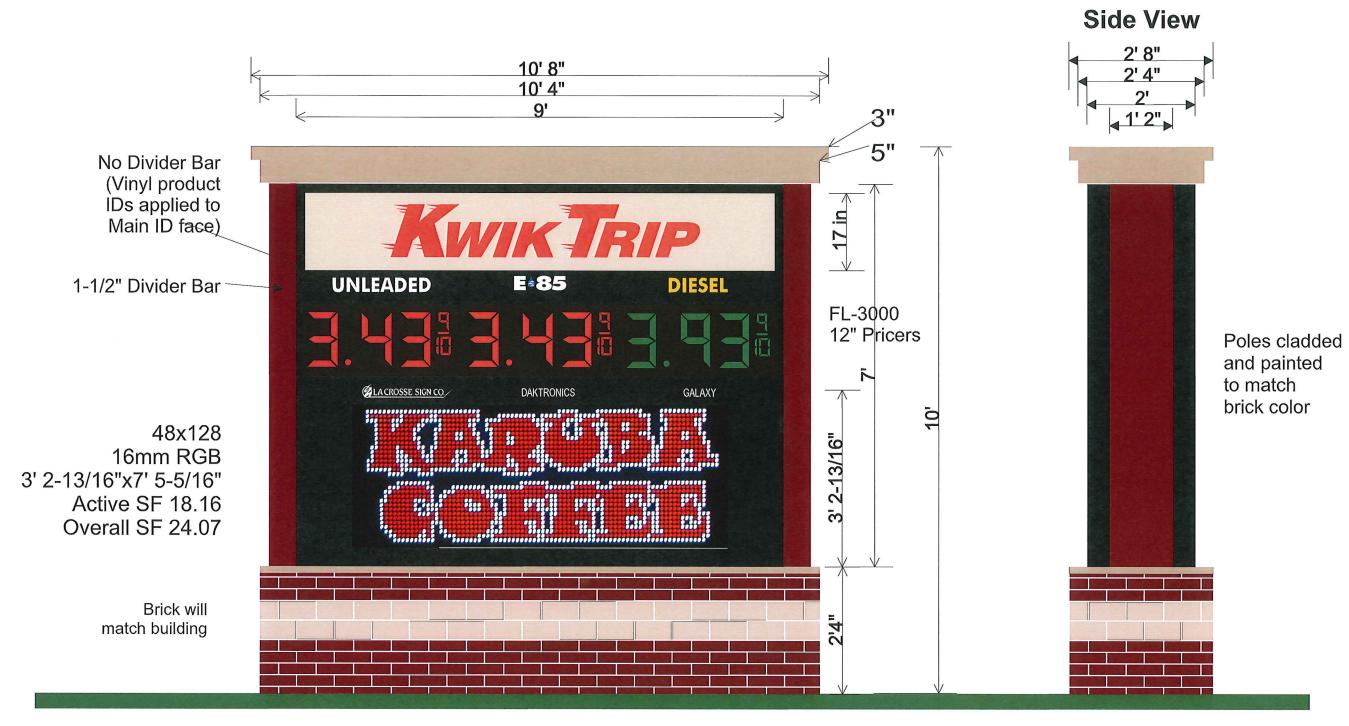
 PROJ. NO.
 0001

 DATE
 2015-03-06

 SHEET
 DS1



#174 Allouez, WI



63 sq. ft. Total

*COLORS ON SKETCH ARE A REPRESENTATION, ACTUAL COLOR MAY DIFFER



Date: 12-16-2014 Job #: 82799 Artist: Danielle Sales: Cindy Bluske Scale: 3/8"=1'

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APPROVED BY:_____