THE BOUNDARY & TOPOGRAPHIC SURVEY WAS PROVIDED BY EDGEWOOD SURVEYING, INC. MARCH, 2014. UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES AND THE LOCAL MUNICIPALITY. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.

LEGAL DESCRIPTION:
LOT 1, CERTIFIED SURVEY MAP NO. 8804, BEING A REDIVISION OF LOTS 1 & 2 OF CERTIFIED SURVEY MAP NO. 8587 AND BEING A PART OF THE SW 1/4 OF THE NW 1/4 OF SECTION 1 AND SE 1/4 OF THE NE 1/4 OF SECTION 2, TOWN 6 NORTH, RANGE 19 EAST, CITY OF WAUKESHA, WAUKESHA COUNTY, WISCONSIN.

SM
SB
DL

	EUGENE COURT STORAGE AREA PROPOSED LANDSCAPING			
KEY	COMMON NAME	QTY	SIZE	SPACING
SM	SUGAR MAPLE	7	2-1/2"	AS SHOWN
SB	SPIREA SHRUB	12	18-24"	AS SHOWN
DL	STELLA D'ORA DAYLILLY	40	N/A	AS SHOWN

LANDSCAPER:
ERIC HUMMER
HUMMER BROTHERS LANDSCAPING
PH: 414-349-5848
EMAIL: HUMMER_BROTHERS@YAHOO.COM

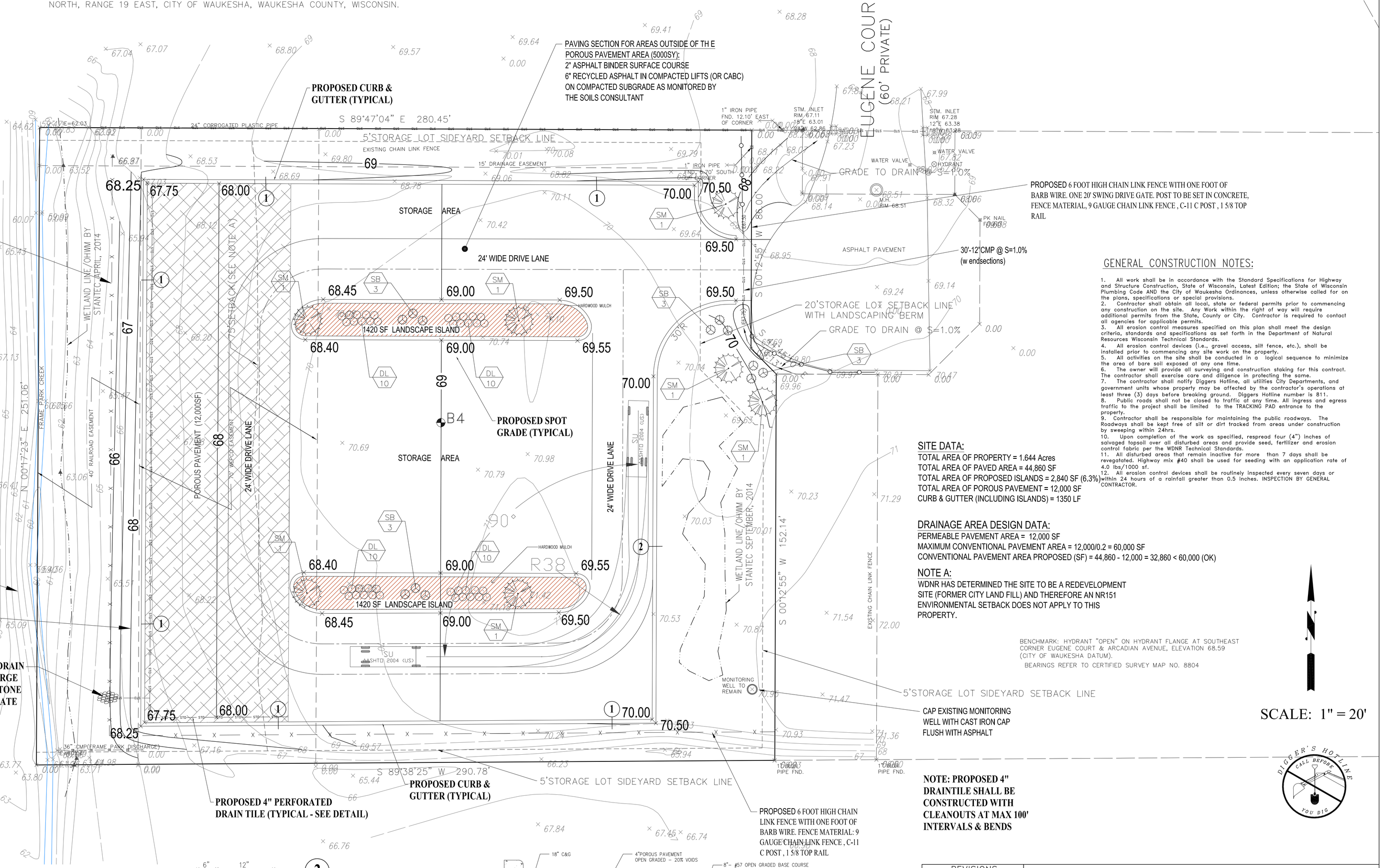
RECORD OF SUBSURFACE EXPLORATION

BORING NO. 4	GEA PROJECT NO. 87063.59
DATE 9-1-87	FIELD REPRESENTATIVE Duane Drewler
PROJECT Site Feasibility Study-Commercial Subdivision	
Waukesha, Wisconsin	

GEOTECHNICAL ASSOCIATES, INC.
CONSULTING SOIL AND FOUNDATION ENGINEERS

DESCRIPTION Ground Surface Elevation 99.88±	Depth Below Surface	Sample No. & Type	N	q_u	q_p	q_t	W	REMARKS
Note A		1-AU	--					
Black Clayey Silt, trace Roots and fine Gravel (FILL)-Moist		2-SS	8					▼
Black very fine Organic Matter (PEAT) Damp	5'	3-SS	2					*
		4-SS	6	0.39	0.2	0.09	26	
Greenish Gray Clayey Silt, trace Roots and Organic Matter(Lake Marl)-Moist to Wet	10'	5-SS	11	0.31	0.5	0.07	17	
Gray Clayey Silt-Wet								
Gray Silty fine to coarse Sand and fine Gravel-Wet								
Brown to Gray fine to medium Sand-Wet	15'	6-SS	14					
Boring Terminated at 16'								

Note A: Black Clayey Silt, some fine Gravel, little to some Organic Matter and Roots (FILL)-Moist



GENERAL CONSTRUCTION NOTES:

1. All work shall be in accordance with the Standard Specifications for Highway and Structure Construction, State of Wisconsin, Latest Edition; the State of Wisconsin Plumbing Code AND the City of Waukesha Ordinances, unless otherwise called for on the plans, specifications or special provisions.
2. Contractor shall obtain all local, state or federal permits prior to commencing any construction on the site. Any Work within the right of way will require additional permits from the State, County or City. Contractor is required to contact all agencies for applicable permits.
3. All erosion control measures specified on this plan shall meet the design criteria, standards and specifications as set forth in the Department of Natural Resources Wisconsin Technical Standards.
4. All erosion control devices (i.e., gravel access, silt fence, etc.), shall be installed prior to commencing any site work on the property.
5. All activities on the site shall be conducted in a logical sequence to minimize the area of bare soil exposed at any one time.
6. The owner will provide all surveying and construction staking for this contract. The contractor shall exercise care and diligence in protecting the same.
7. The contractor shall notify Diggers Hotline, all utilities City Departments, and government units whose property may be affected by the contractor's operations at least three (3) days before breaking ground. Diggers Hotline number is 811.
8. Public roads shall not be closed to traffic at any time. All ingress and egress traffic to the project shall be limited to the TRACKING PAD entrance to the property.
9. Contractor shall be responsible for maintaining the public roadways. The Roadways shall be kept free of silt or dirt tracked from areas under construction by sweeping within 24hrs.
10. Upon completion of the work as specified, respread four (4") inches of salvaged topsoil over all disturbed areas and provide seed, fertilizer and erosion control fabric per the WDNR Technical Standards.
11. All disturbed areas that remain inactive for more than 7 days shall be revegetated. Highway mix #40 shall be used for seeding with an application rate of 4.0 lbs/1000 sf.
12. All erosion control devices shall be routinely inspected every seven days or within 24 hours of a rainfall greater than 0.5 inches. INSPECTION BY GENERAL CONTRACTOR.

SITE DATA:

TOTAL AREA OF PROPERTY = 1.644 Acres
TOTAL AREA OF PAVED AREA = 44,860 SF
TOTAL AREA OF PROPOSED ISLANDS = 2,840 SF (6.3%)
TOTAL AREA OF POROUS PAVEMENT = 12,000 SF
CURB & GUTTER (INCLUDING ISLANDS) = 1350 LF

DRAINAGE AREA DESIGN DATA:

PERMEABLE PAVEMENT AREA = 12,000 SF
MAXIMUM CONVENTIONAL PAVEMENT AREA = 12,000/0.2 = 60,000 SF
CONVENTIONAL PAVEMENT AREA PROPOSED (SF) = 44,860 - 12,000 = 32,860 < 60,000 (OK)

NOTE A:

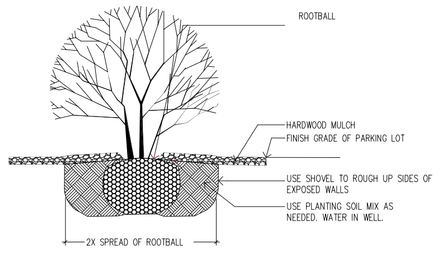
WDNR HAS DETERMINED THE SITE TO BE A REDEVELOPMENT SITE (FORMER CITY LAND FILL) AND THEREFORE AN NR151 ENVIRONMENTAL SETBACK DOES NOT APPLY TO THIS PROPERTY.

BENCHMARK: HYDRANT "OPEN" ON HYDRANT FLANGE AT SOUTHEAST CORNER EUGENE COURT & ARCADIAN AVENUE, ELEVATION 68.59 (CITY OF WAUKESHA DATUM).
BEARINGS REFER TO CERTIFIED SURVEY MAP NO. 8804

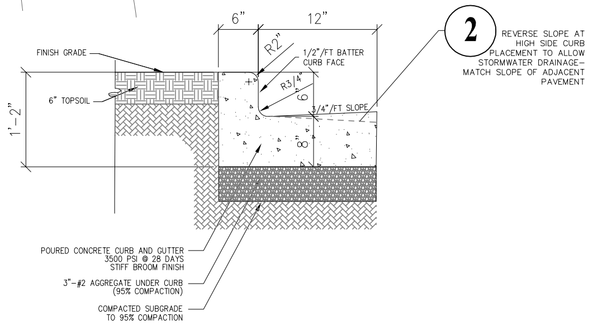
SCALE: 1" = 20'

NOTE: PROPOSED 4" DRAINTILE SHALL BE CONSTRUCTED WITH CLEANOUTS AT MAX 100' INTERVALS & BENDS

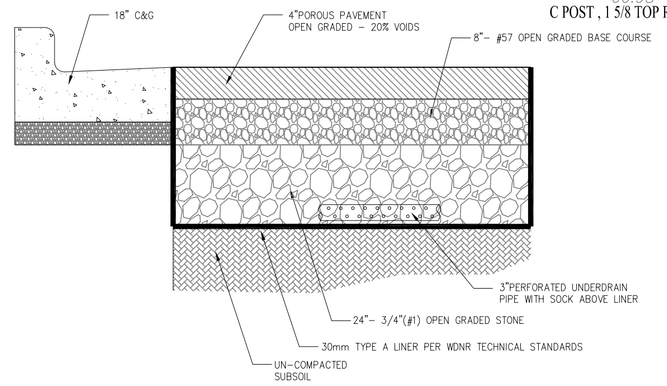
CONTAINERIZED NOTES: CUT OR REMOVE CONTAINER, & SET BALL ON UNDISTURBED FLOOR IF ROOT COLLAR IS NOT VISIBLE. SCRAPE EXCESS SOIL AWAY FROM THE TRUNK UNTIL IT IS AND PLANT ACCORDINGLY.



SHRUB PLANTING
NTS



18" CONCRETE CURB & GUTTER
NO SCALE 1



POROUS PAVEMENT DETAIL

REVISIONS	
DATE	DESC.
07-08-14	WDNR
09-05-14	WETLANDS

ELLENA ENGINEERING CONSULTANTS, LLC
SITE CIVIL ENGINEERING & STORMWATER MANAGEMENT
Ellena Engineering Consultants, LLC • 700 Pilgrim Parkway - Suite 100 • Elm Grove, WI 53122
Phone: 262-719-6183 • Fax: 866-457-2584 • Email: mellena@eeceng.com

WISCONSIN MARK R. ELLENA E-24090 WALES, WI PROFESSIONAL ENGINEER

EUGENE COURT STORAGE AREA
Waukesha, Wisconsin

PAVING & DRAINAGE PLAN

SCALE: 1"=20'	JOB NO.:	DATE:06-11-14
		CHECKED BY:

C1