

CONSTRUCTION PLANS

for

FRANKSVILLE STORAGE

SITE GRADING, DRAINAGE, UTILITY & PAVEMENT IMPROVEMENTS

for

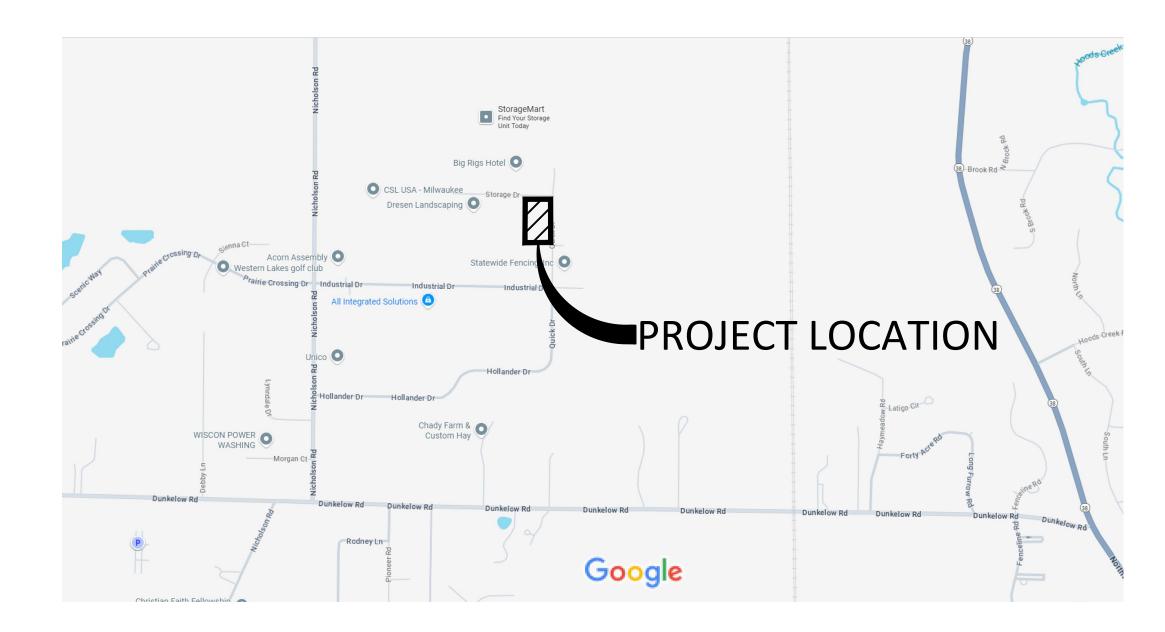
FRANKSVILLE STORAGE, LLC

Village of Caledonia, Racine County, Wisconsin

LEGEND

Description	Existing	Description	Existing	Proposed
EDGE OF WOODS	\sim	WATER SHUT OFF	**	
DECIDUOUS TREE	6"	WATER MAIN VALVE	×	\bowtie
DECIDUOUS TREE REMOVAL	6"	HYDRANT	Q	
CONIFEROUS TREE	· 6"	WATER MAIN REDUCER	\triangleright	•
CONIFEROUS TREE REMOVAL	- 6"	SANITARY MANHOLE	S	
BUSH	₹	SANITARY CLEAN OUT	0	•
SOIL BORING	⊘ S8 1	STORM MANHOLE	\bigcirc	
TELEPHONE BOX	T	CATCH BASIN	$\overline{}$	
GUY WIRE	\longrightarrow	LIGHT POLE	\	
UTILITY POLE		ENDWALL	\triangleleft	◀
GAS VALVE	GV ⋉	STORM SEWER)
GAS METER		SANITARY SEWER	SAN	>
SEPTIC VENT	٩	WATERMAIN	——w—	—-W
ELECTRIC MANHOLE		CONTOURS	650	 650
COMMUNICATION MANHOL	E 🔘	FIRE PROTECTION		——FP ——
WATER MANHOLE		UTILITY CROSSING		
HVAC UNIT		DITCH OR SWALE		
UNDERGROUND VAULT	Δ	CULVERT	_ <u>12" CMP</u> _	12" CMP
SECTION CORNER	•	RAILROAD TRACKS		
MAIL BOX		FENCE	—X———X—	
GUARD POST	8	NO VEHICULAR ACCESS	<u> </u>	
STREET SIGN	[>	UNDERGROUND ELECTRIC ——E—		
ELECTRIC PEDESTAL	X	UNDERGROUND GAS MAIN ————————————————————————————————————		
ELECTRIC METER		UNDERGROUND COMMUNICATIONS ——CM——		
PAD MOUNT TRANSFORMER		SILT FENCE	—//—	
FOUND IRON PIPE	0	OVERHEAD ELECTRIC	—— ОНЕ ——	
SET IDON DIDE		FORCE MAIN	\	

FORCE MAIN



ABBREVIATIONS

SET IRON PIPE

BASE LINE	BL	INVERT ELEVATION	ΙE
LONG CORD OF CURVE	CHD	LENGTH OF CURVE	AR
CURB AND GUTTER	C&G	MANHOLE	MH
CATCH BASIN	СВ	NORMAL WATER LEVEL	N۷
CENTERLINE	CL	POINT OF CURVATURE	PC
EDGE OF PAVEMENT	EOP	POINT OF TANGENCY	PT
FINISHED FIRST FLOOR	FFF	TANGENCY OF CURVE	TΑ
FINISHED GRADE	FG	POINT OF VERTICAL INTERSECTION	PV
FLOW LINE	FL	RADIUS	R
FLOODPLAIN	FP	RIGHT OF WAY	RO
ORDINARY HIGH WATER MARK	OHWM	SANITARY SEWER	SA
TOP OF BANK	TOB	STORM SEWER	ST
TOP OF CURB	TOC	TOP OF FOUNDATION	TO
TOP OF WALK	TOW	WATER MAIN	WI



UTILITY NOTE

EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE TYPE, LOCATION, SIZE AND ELEVATION OF UNDERGROUND UTILITIES AS THEY DEEM NECESSARY FOR PROPOSED UTILITY CONNECTIONS AND / OR TO AVOID DAMAGE THERETO, CONTRACTOR SHALL CALL DIGGERS HOTLINE PRIOR TO ANY CONSTRUCTION.

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VIL ENGINEERS AND LAND SURVEYORS

-58 Horizon Blvd. Suite 200, Racine, WI. 53406

SITE GRADING, DRAINAGE, UTILITY

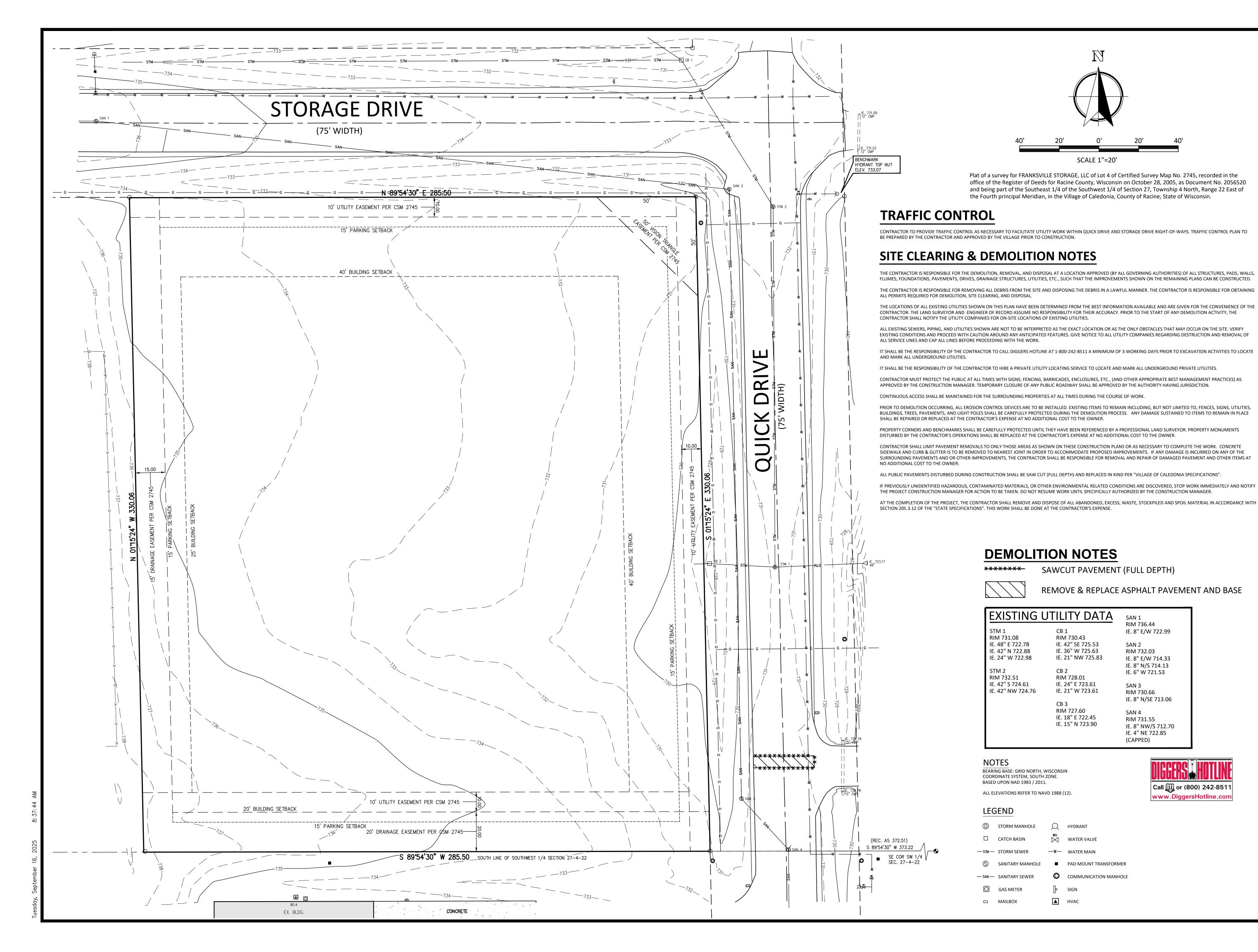
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Call or (800) 242-8511

www.DiggersHotline.com

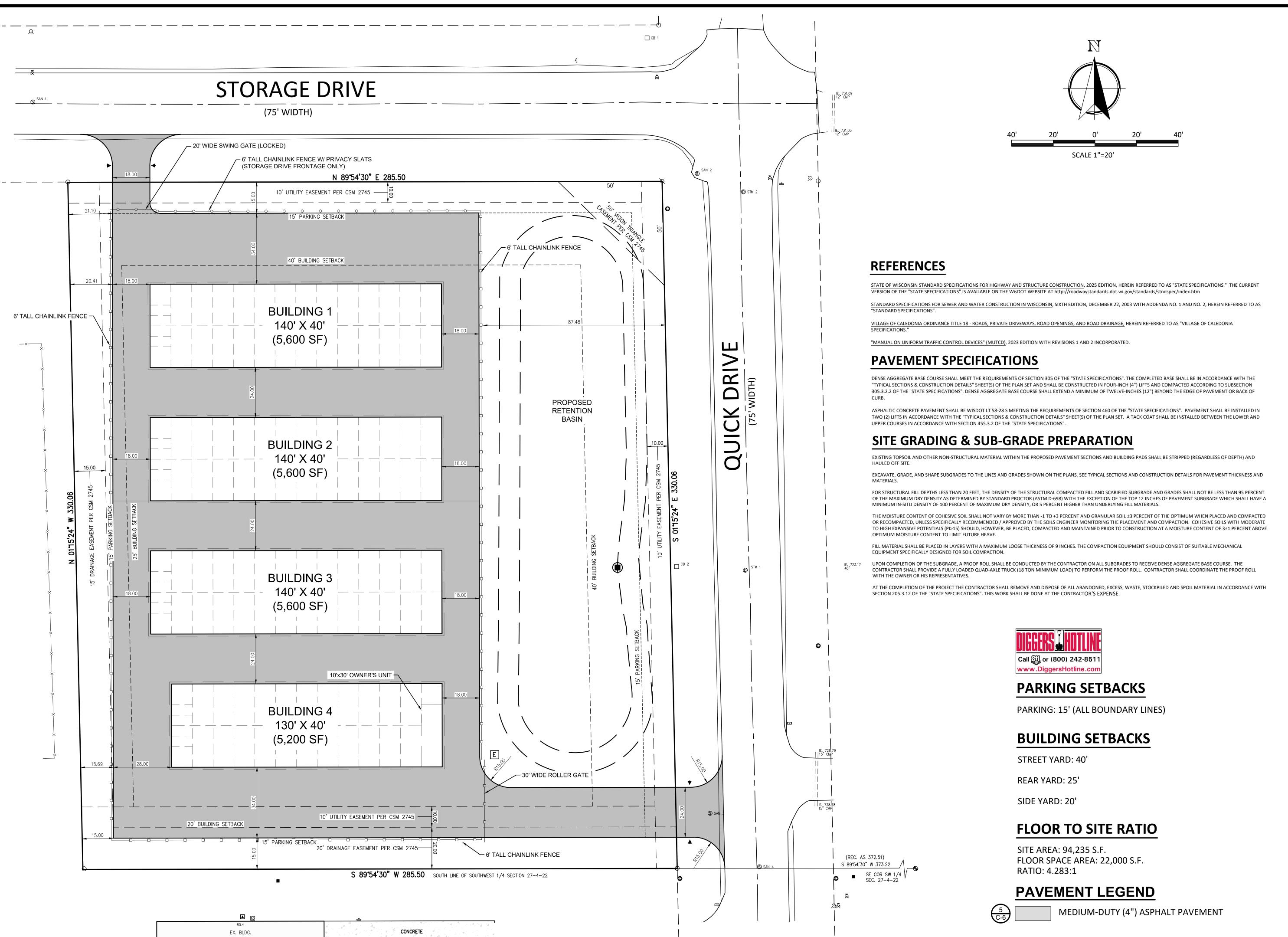
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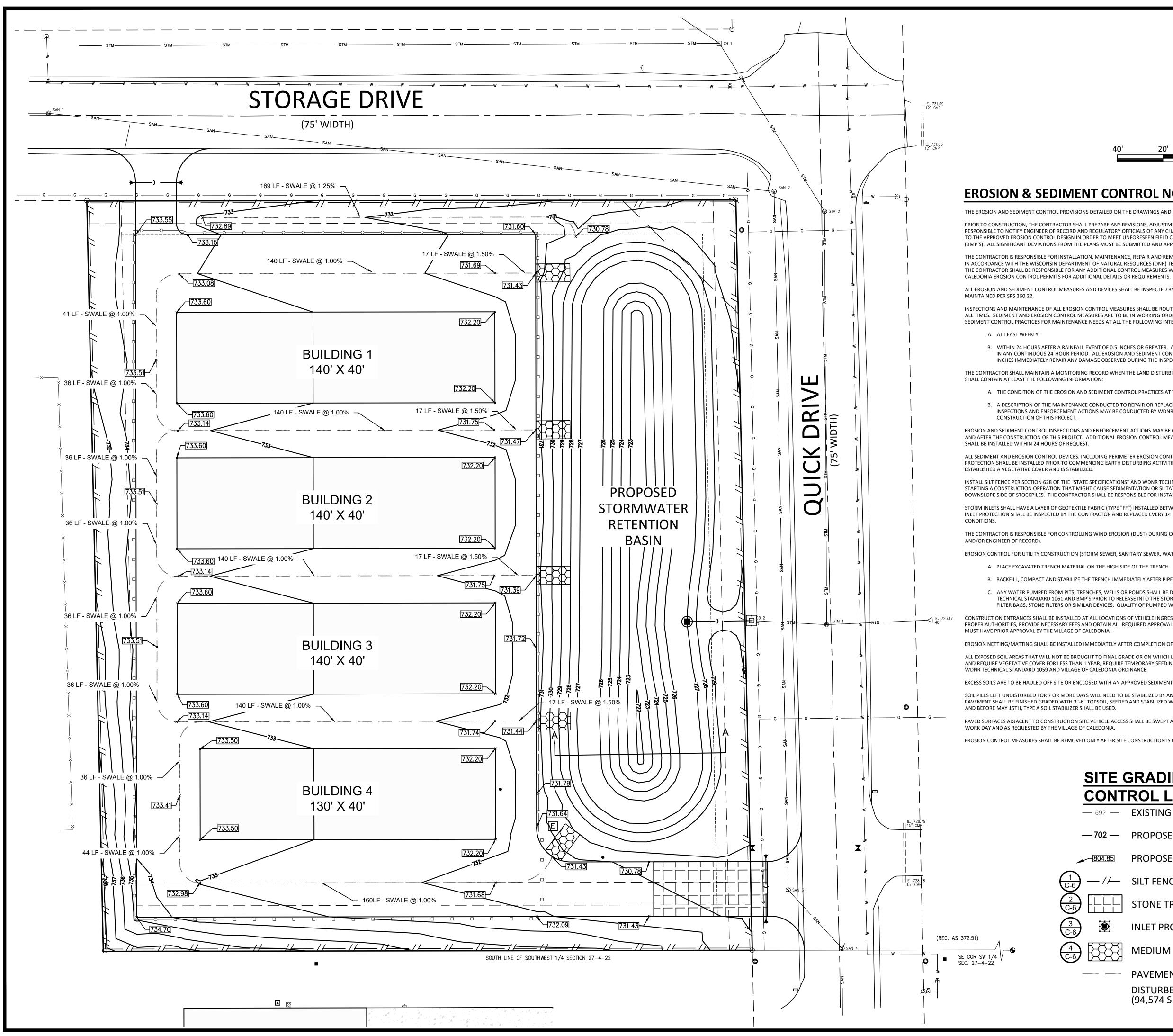


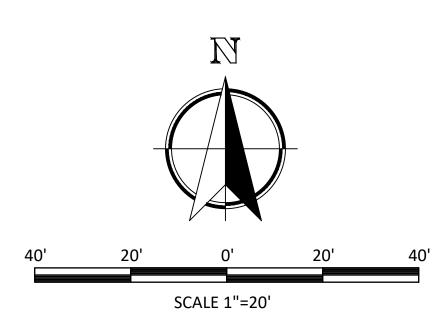


ANKSVDIMENSI FRANKSVII AGE OF CALEDONIA

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EROSION & SEDIMENT CONTROL NOTES

THE EROSION AND SEDIMENT CONTROL PROVISIONS DETAILED ON THE DRAWINGS AND SPECIFIED HEREIN ARE THE MINIMUM REQUIREMENTS FOR EROSION CONTROL.

RESPONSIBLE TO NOTIFY ENGINEER OF RECORD AND REGULATORY OFFICIALS OF ANY CHANGES TO THE EROSION CONTROL AND STORMWATER MANAGEMENT PLANS. MODIFICATIONS

IN ACCORDANCE WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (DNR) TECHNICAL STANDARDS (REFERRED TO AS BMP'S) AND VILLAGE OF CALEDONIA ORDINANCES.

ALL EROSION AND SEDIMENT CONTROL MEASURES AND DEVICES SHALL BE INSPECTED BY THE CONTRACTOR AS REQUIRED IN THE WISCONSIN ADMINISTRATIVE CODE (SPS 360.21) AND

INSPECTIONS AND MAINTENANCE OF ALL EROSION CONTROL MEASURES SHALL BE ROUTINE (ONCE PER WEEK MINIMUM) TO ENSURE PROPER FUNCTION OF EROSION CONTROLS AT ALL TIMES. SEDIMENT AND EROSION CONTROL MEASURES ARE TO BE IN WORKING ORDER AT THE END OF EACH WORK DAY. THE CONTRACTOR SHALL CHECK THE EROSION AND SEDIMENT CONTROL PRACTICES FOR MAINTENANCE NEEDS AT ALL THE FOLLOWING INTERVALS UNTIL THE SITE IS STABILIZED:

B. WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. A RAINFALL EVENT SHALL BE CONSIDERED TO BE THE TOTAL AMOUNT OF RAINFALL RECORDED IN ANY CONTINUOUS 24-HOUR PERIOD. ALL EROSION AND SEDIMENT CONTROL ITEMS SHALL BE INSPECTED WITHIN 24 HOURS OF ALL RAIN EVENTS EXCEEDING 0.5 INCHES IMMEDIATELY REPAIR ANY DAMAGE OBSERVED DURING THE INSPECTION.

THE CONTRACTOR SHALL MAINTAIN A MONITORING RECORD WHEN THE LAND DISTURBING CONSTRUCTION ACTIVITY INVOLVES ONE OR MORE ACRES. THE MONITORING RECORD SHALL CONTAIN AT LEAST THE FOLLOWING INFORMATION

- A. THE CONDITION OF THE EROSION AND SEDIMENT CONTROL PRACTICES AT THE INTERVALS SPECIFIED ABOVE

ALL SEDIMENT AND EROSION CONTROL DEVICES, INCLUDING PERIMETER EROSION CONTROL MEASURES SUCH AS CONSTRUCTION ENTRANCES, SILT FENCE AND EXISTING INLET

STARTING A CONSTRUCTION OPERATION THAT MIGHT CAUSE SEDIMENTATION OR SILTATION AT THE SITE OF THE PROPOSED SILT FENCE. CONTRACTOR SHALL INSTALL SILT FENCING AT

THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING WIND EROSION (DUST) DURING CONSTRUCTION AT HIS/HER EXPENSE (WHEN NECESSARY OR AS REQUIRED BY LOCAL INSPECTORS

EROSION CONTROL FOR UTILITY CONSTRUCTION (STORM SEWER, SANITARY SEWER, WATER MAIN, ETC.):

- A. PLACE EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENCH.
- B. BACKFILL, COMPACT AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION.
- C. ANY WATER PUMPED FROM PITS, TRENCHES, WELLS OR PONDS SHALL BE DISCHARGED INTO A SEDIMENTATION BASIN OR FILTERING TANK IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1061 AND BMP'S PRIOR TO RELEASE INTO THE STORM SEWER, RECEIVING STREAM OR DRAINAGE DITCH. PUMPED WATER CAN BE TREATED IN FILTER BAGS, STONE FILTERS OR SIMILAR DEVICES. QUALITY OF PUMPED WATER SHALL BE CONTINUOUSLY MONITORED DURING PUMPING OPERATIONS.

CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT ALL LOCATIONS OF VEHICLE INGRESS/EGRESS POINTS. CONTRACTOR IS RESPONSIBLE TO COORDINATE LOCATION(S) WITH THE PROPER AUTHORITIES, PROVIDE NECESSARY FEES AND OBTAIN ALL REQUIRED APPROVALS OR PERMITS. ADDITIONAL CONSTRUCTION ENTRANCES, OTHER THAN SHOWN ON THE PLANS, MUST HAVE PRIOR APPROVAL BY THE VILLAGE OF CALEDONIA

EROSION NETTING/MATTING SHALL BE INSTALLED IMMEDIATELY AFTER COMPLETION OF GRADING EFFORTS WITHIN DITCHES/SWALES TO PREVENT SOIL TRANSPORTATION.

ALL EXPOSED SOIL AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE OR ON WHICH LAND DISTURBING ACTIVITIES WILL NOT BE PERFORMED FOR A PERIOD GREATER THAN 7 DAYS AND REQUIRE VEGETATIVE COVER FOR LESS THAN 1 YEAR, REQUIRE TEMPORARY SEEDING FOR EROSION CONTROL. SEEDING FOR EROSION CONTROL SHALL BE IN ACCORDANCE WITH

EXCESS SOILS ARE TO BE HAULED OFF SITE OR ENCLOSED WITH AN APPROVED SEDIMENT CONTROL DEVICE WITHIN 24 HOURS.

SOIL PILES LEFT UNDISTURBED FOR 7 OR MORE DAYS WILL NEED TO BE STABILIZED BY AN APPROVED METHOD. ALL DISTURBED AREAS NOT COVERED BY PERMANENT STRUCTURES OR PAVEMENT SHALL BE FINISHED GRADED WITH 3"-6" TOPSOIL, SEEDED AND STABILIZED WITHIN 7 DAYS OF REACHING FINAL GRADE. IF DISTURBANCE OCCURS AFTER NOVEMBER 15TH AND BEFORE MAY 15TH, TYPE A SOIL STABILIZER SHALL BE USED.

PAVED SURFACES ADJACENT TO CONSTRUCTION SITE VEHICLE ACCESS SHALL BE SWEPT AND/OR SCRAPED TO REMOVE ACCUMULATED SOIL, DIRT AND/OR DUST AT THE END OF EACH WORK DAY AND AS REQUESTED BY THE VILLAGE OF CALEDONIA.

EROSION CONTROL MEASURES SHALL BE REMOVED ONLY AFTER SITE CONSTRUCTION IS COMPLETE WITH ALL SOIL SURFACES HAVING AN ESTABLISHED VEGETATIVE COVER.

SITE GRADING & EROSION **CONTROL LEGEND**

— 692 — EXISTING CONTOURS

—702 — PROPOSED CONTOURS

PROPOSED FINISHED SPOT GRADES

— //— SILT FENCE STONE TRACKING PAD

INLET PROTECTION

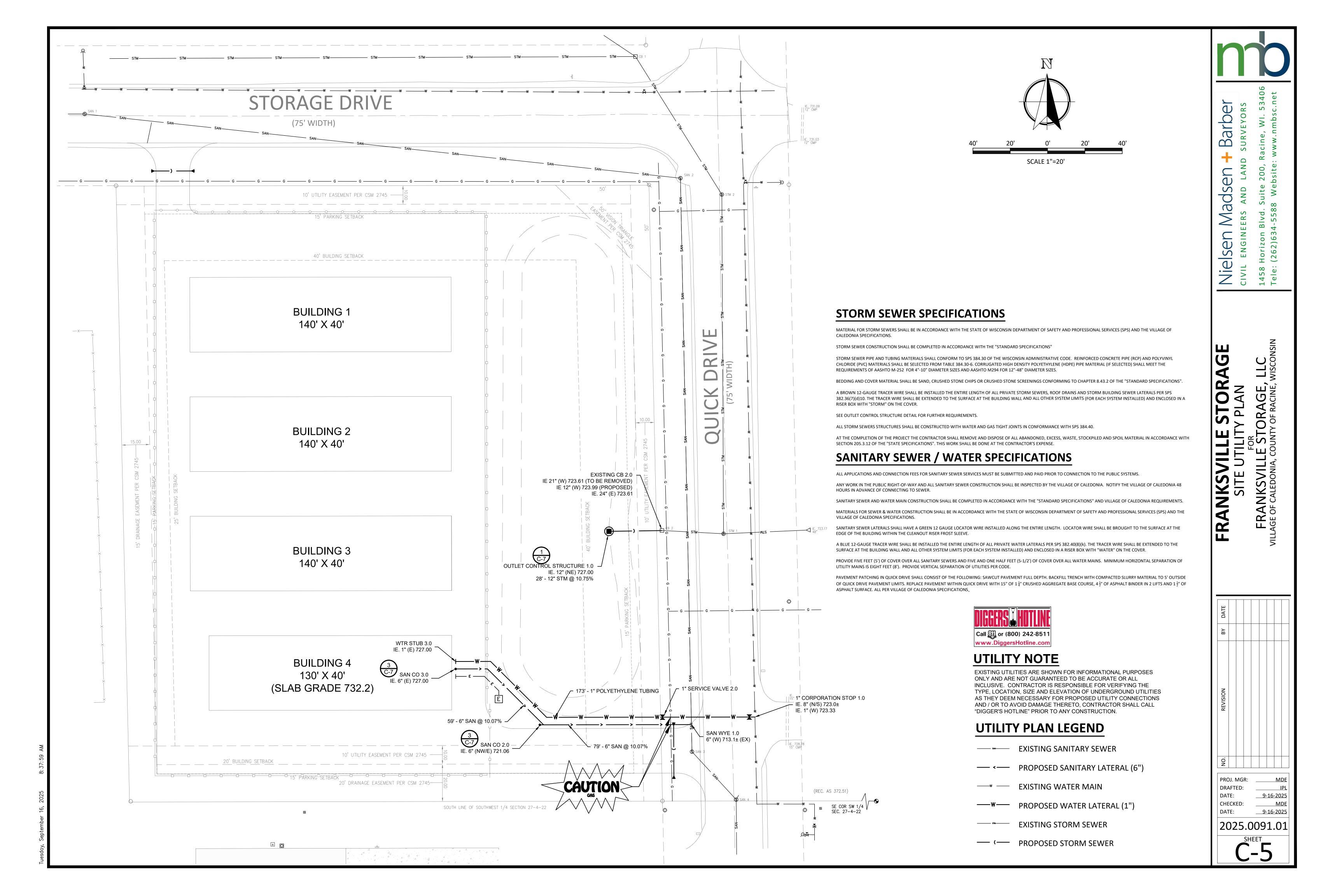
MEDIUM RIP RAP (8' X 15')

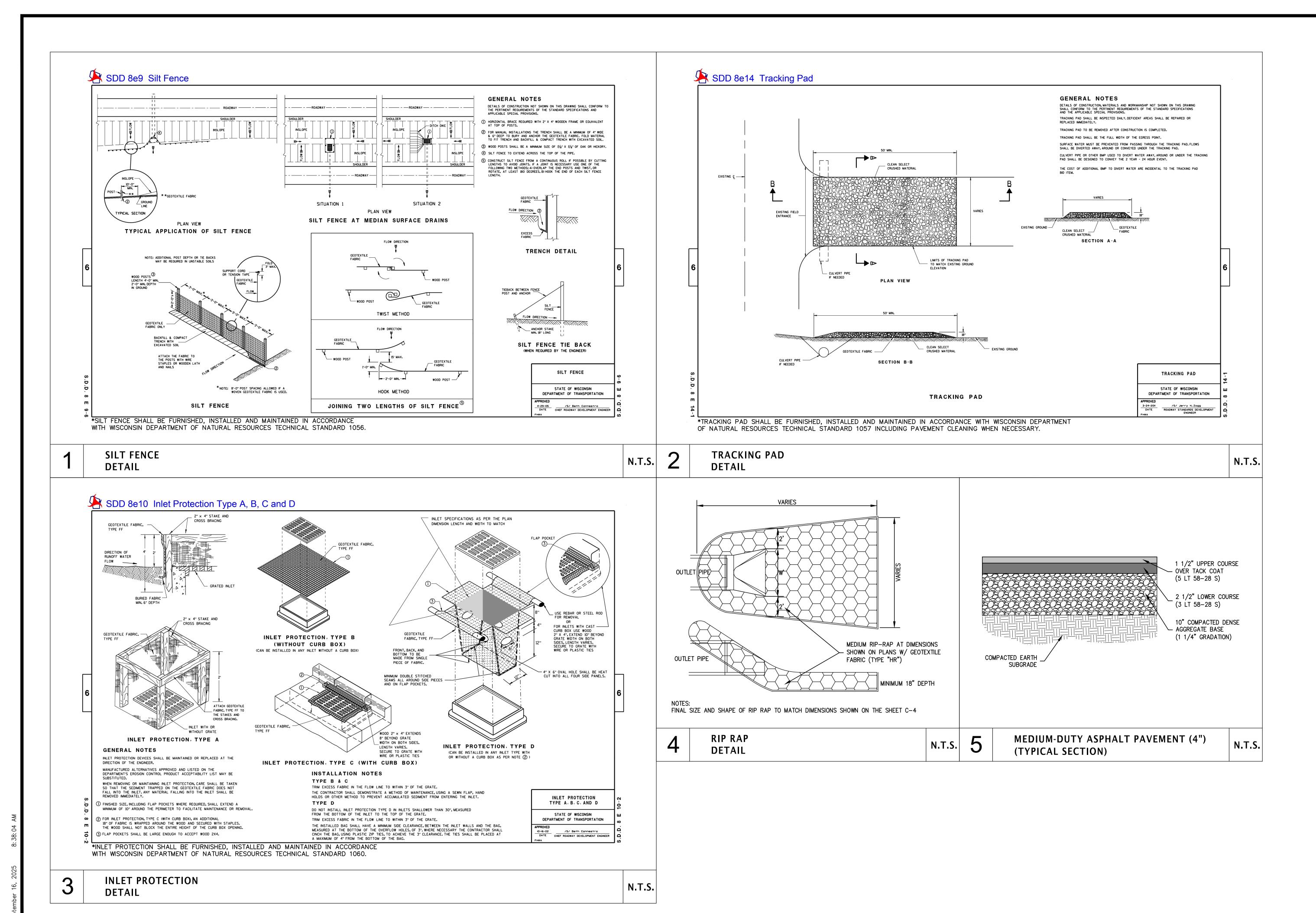
Call or (800) 242-8511

PAVEMENT SWALE CENTERLINE DISTURBED AREA (94,574 S.F. = 2.17 AC)

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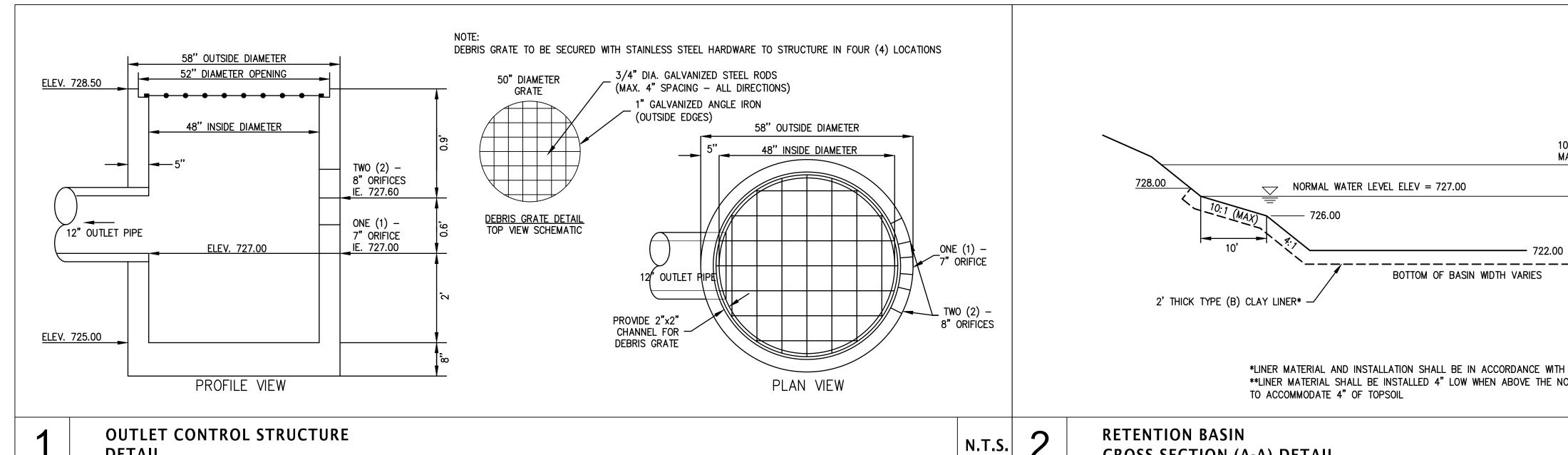
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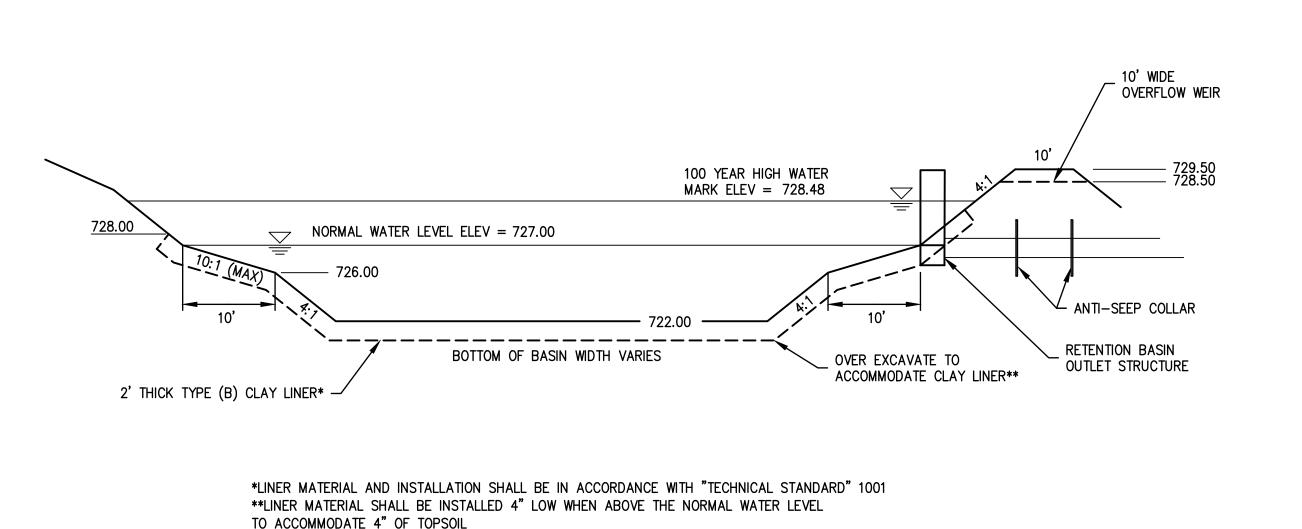
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LE STORAGE TOR RANKSV SECTIONS SVI ANKS OF CALE

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DETAIL

SCREW ON CAPS -

CROSS SECTION (A-A) DETAIL

N.T.S.

Nielsen Madsen +

CIVIL ENGINEERS AND LAND S

1458 Horizon Blvd. Suite 200, Ra

Tele: (262)634-5588 Website: w

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EXTEND RISER 2" ABOVE FINISHED GRADE IN ALL LAWN AND/OR LANDSCAPE AREAS 2" MAX. EXTEND TRACER WIRE TO SURFACE (INCLUDE 12" OF SLACK) 8" FROST SLEEVE (6" LATERAL OR LARGER) 6" FROST SLEEVE (4" LATERAL) 6" CLEANOUT RISER (6" LATERAL OR LARGER)
4" CLEANOUT RISER (4" LATERAL) SEWER LATERAL (SIZE PER PLAN) TRACER WIRE NOTE: SEWER CLEANOUTS TO BE LOCATED A MAXIMUM OF 5' OUTSIDE OF BUILDING WALL AND WHERE SHOWN ON PLAN SEWER CLEANOUT (CO) RISER N.T.S. **DETAIL**

FROST SLEEVE TO BE PROVIDED WITH A SCREW-ON

CAP IN ALL LAWN & LANDSCAPE AREAS