RESOLUTION 2024-022 (2/13/2024)

RESOLUTION OF THE VILLAGE BOARD OF THE VILLAGE OF CALEDONIA ACCEPTING IMPROVEMENTS FOR THE CORONA DRIVE EXTENSION

The Village Board of the Village of Caledonia, Racine County, Wisconsin, resolves as follows:

RECITALS

- 1. The Village and the Richard & Diane Ruffo Revocable Trust dated 4/22/2009 (the "Developer") entered into a Development Agreement pertaining to the development of a Single-Family Residential Lot as part of the Corona Drive Extension (the "Development") with respect to the land described therein and certain public improvements, including Sanitary Sewer, Sanitary Sewer Lateral, Watermain, Water Lateral, Storm Water Facilities and the Road.
- 2. The work for the Development, including the Sanitary Sewer, Sanitary Sewer Lateral, Watermian, Water Lateral, Storm Water Facilities and the Road have been completed and have been inspected for compliance with the approved plans and specifications and is recommended by the Village's Public Services Director that the work for the public improvements for the Development be accepted by the Village Board subject to the following conditions:
 - a. Village Board acceptance and approval.

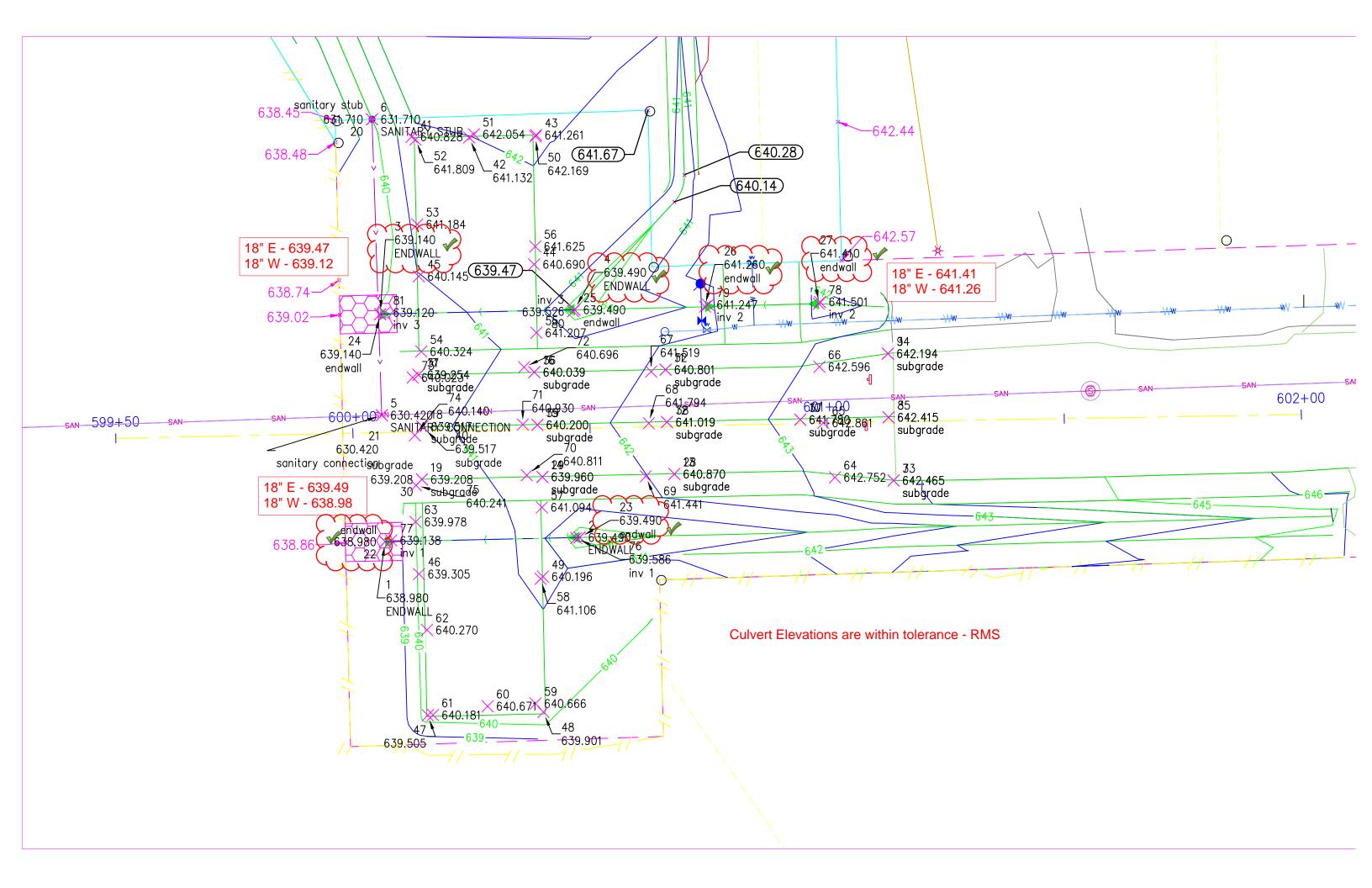
NOW THEREFORE BE IT RESOLVED THAT, the certain public improvements, including the Sanitary Sewer, Sanitary Sewer Lateral, Watermain, Water Lateral, Storm Water Facilities and the Road are hereby accepted by the Village Board subject to the conditions recommended by the Village's Public Services Director as set forth above.

Adopted by the Village Board of the Village of Caledonia this 13 day of February 2024.

VILLAGE OF CALEDONIA

By: Thomas R. Wentherstin Thomas Weatherston, President

Jennifer Olsen, Clerk

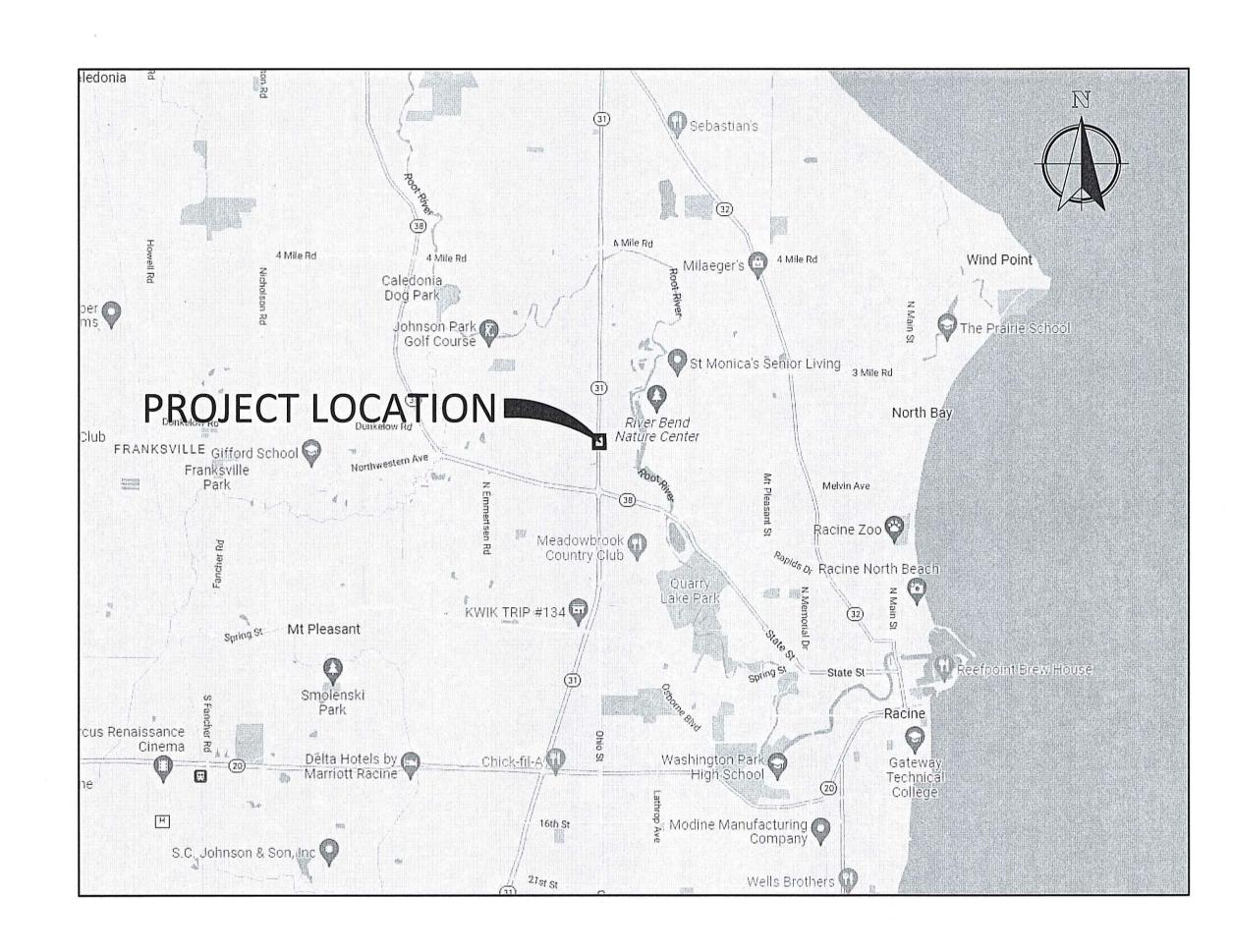


CONSTRUCTION PLANS

BUCKLEY ROAD EXTENSION

DONALD AND JANE CHRISTENSEN

Village of Caledonia, Racine County, Wisconsin



Call [1] or (800) 242-8511

www.DiggersHotline.com

Description I	Existing	Description	Existing	Proposed
EDGE OF WOODS	\sim	WATER SHUT OFF	**	
DECIDUOUS TREE	€3°	WATER MAIN VALVE	××	M
DECIDUOUS TREE REMOVAL	₹	HYDRANT	Q	
CONIFEROUS TREE	\	WATER MAIN REDUCER	\triangleright	
CONIFEROUS TREE REMOVAL	6"	SANITARY MANHOLE	S	
BUSH	3	SANITARY CLEAN OUT	0	
SOIL BORING	⊘ S8 1	STORM MANHOLE	(
TELEPHONE BOX	T	CATCH BASIN		200
GUY WIRE	\longrightarrow	LIGHT POLE	*	
UTILITY POLE	$\dot{\Box}$	ENDWALL	\triangleleft	
GAS VALVE	ĕŸ	STORM SEWER	—— sтм——	—)—
GAS METER		SANITARY SEWER	SAN	>
SEPTIC VENT	۴	WATERMAIN	w	W
ELECTRIC MANHOLE		CONTOURS	650	650
COMMUNICATION MANHOLE		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	——Е——	
ELECTRIC PEDESTAL	X	UNDERGROUND GAS MAIN	——G——	
ELECTRIC METER		UNDERGROUND COMMUNICATIONS	——см——	
PAD MOUNT TRANSFORMER		SILT FENCE	//	
FOUND IRON PIPE	0	OVERHEAD ELECTRIC	ОНЕ	
SET IRON PIPE	•	FORCE MAIN	/	
DRY WELL	0			

ABBREVIATIONS

LEGEND

BASE LINE	BL	INVERT ELEVATION	IE
LONG CORD OF CURVE	CHD	LENGTH OF CURVE	ARC
CURB AND GUTTER	C&G	MANHOLE	MH
CATCH BASIN	СВ	NORMAL WATER LEVEL	NWL
CENTERLINE	CL	POINT OF CURVATURE	PC
EDGE OF PAVEMENT	EOP	POINT OF TANGENCY	PT
FINISHED FIRST FLOOR	FFF	TANGENCY OF CURVE	TAN
FINISHED GRADE	FG	POINT OF VERTICAL INTERSECTION	PVI
FLOW LINE	FL	RADIUS	R
FLOODPLAIN	FP	RIGHT OF WAY	ROW
ORDINARY HIGH WATER MARK	OHWM	SANITARY SEWER	SAN
TOP OF BANK	ТОВ	STORM SEWER	STM
TOP OF CURB	TOC	TOP OF FOUNDATION	TOF
TOP OF WALK	TOW	WATER MAIN	WM

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.

BENCH MARKS

 LIGHTPOLE SPIKE
 7" SPIKE OF SOUTHWEST FACING LIGHT POLE LOCATED
 ELEVATION: 645.00

SHEET INDEX

Plan Sheet	Sheet No.
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DIMENSIONED SITE PLAN	C-3
SITE DEMOLITION PLAN	C-4
SITE GRADING & EROSION CONTROL PLA	N C-5
MASTER UTILITY PLAN	C-6
ROAD PLAN & PROFILE	C-7
TYPICAL SECTIONS & CONSTRUCTION DE	TAILS C-8 & C-9

CLIENT

DONALD AND JANE CHRISTENSEN

GOVERNING AGENCY CONTACTS

VILLAGE OF CALEDONIA PETER WAGNER EMAIL:pwagner@caledonia-wi.gov TONY BUNKELMAN, P.E. UTILITY DIRECTOR OFFICE: 262-835-6416 EMAIL: abunkleman@caledonia-wi.gov

> RYAN SCHMIDT, P.E. PUBLIC WORKS DIRECTOR OFFICE: 262-835-6475 EMAIL: rschmidt@caledonia-wi.gov

PUBLIC UTILITY CONTACTS

MIKE TOYEK OFFICE: 262-636-0549 EMAIL: mt1734@att.com

TDS TELECOM SOUTHEAST WISCONSIN OFFICE: 877-483-7142

SPECTRUM

ROBERT TUNUTA UTILITY COORDINATOR OFFICE: 414-277-4205 CELL: 414-758-5688 EMAIL: tunuta@charter.net **WE-ENERGIES ALLIE MILLER KENOSHA SOUTH** OFFICE: 262-552-3227

> EMAIL: allie.miller@we-energies.com NATURAL GAS EMERGENCY: (800) 261-5325

ELECTRICAL EMERGENCY: (800) 662-4797

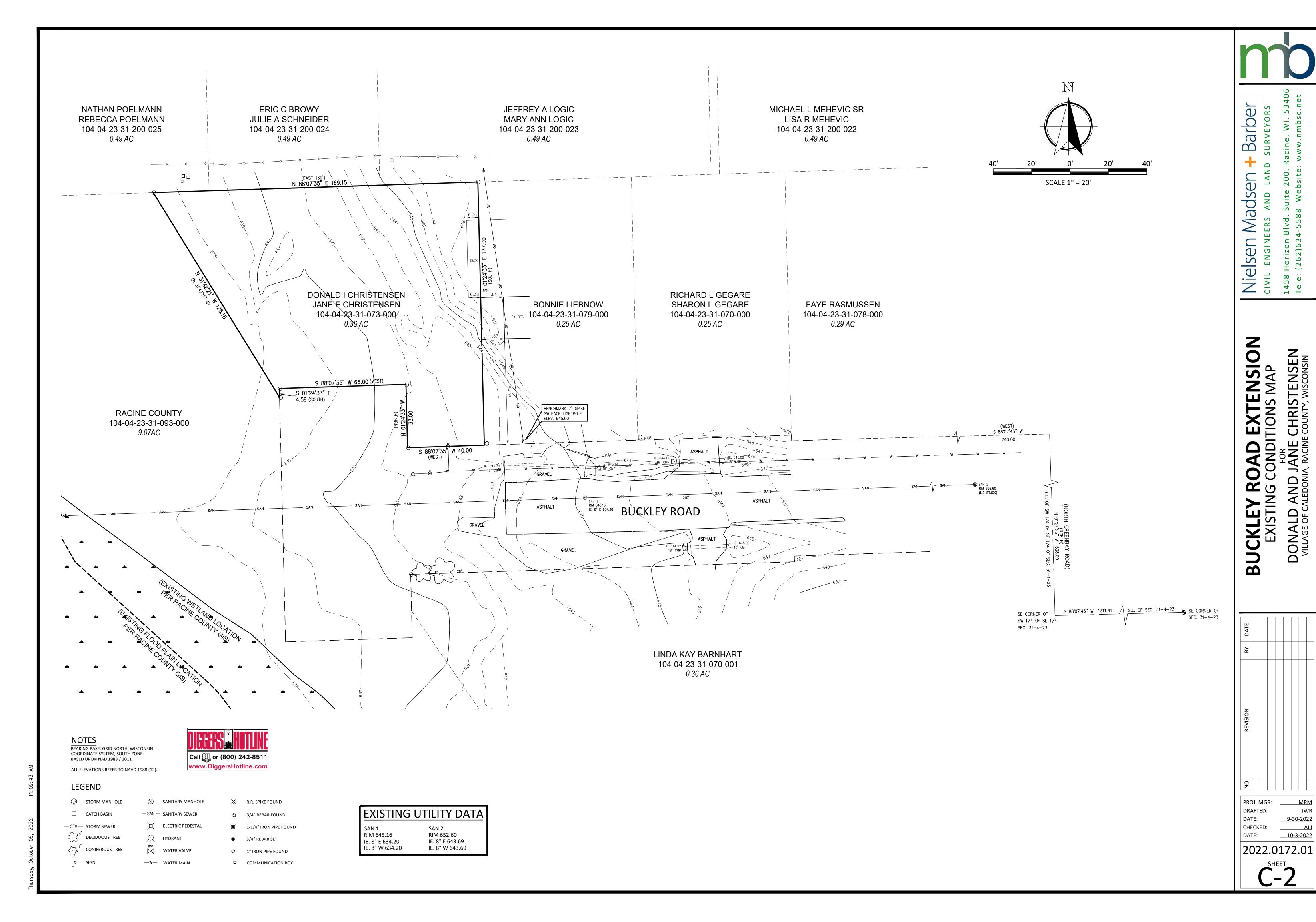


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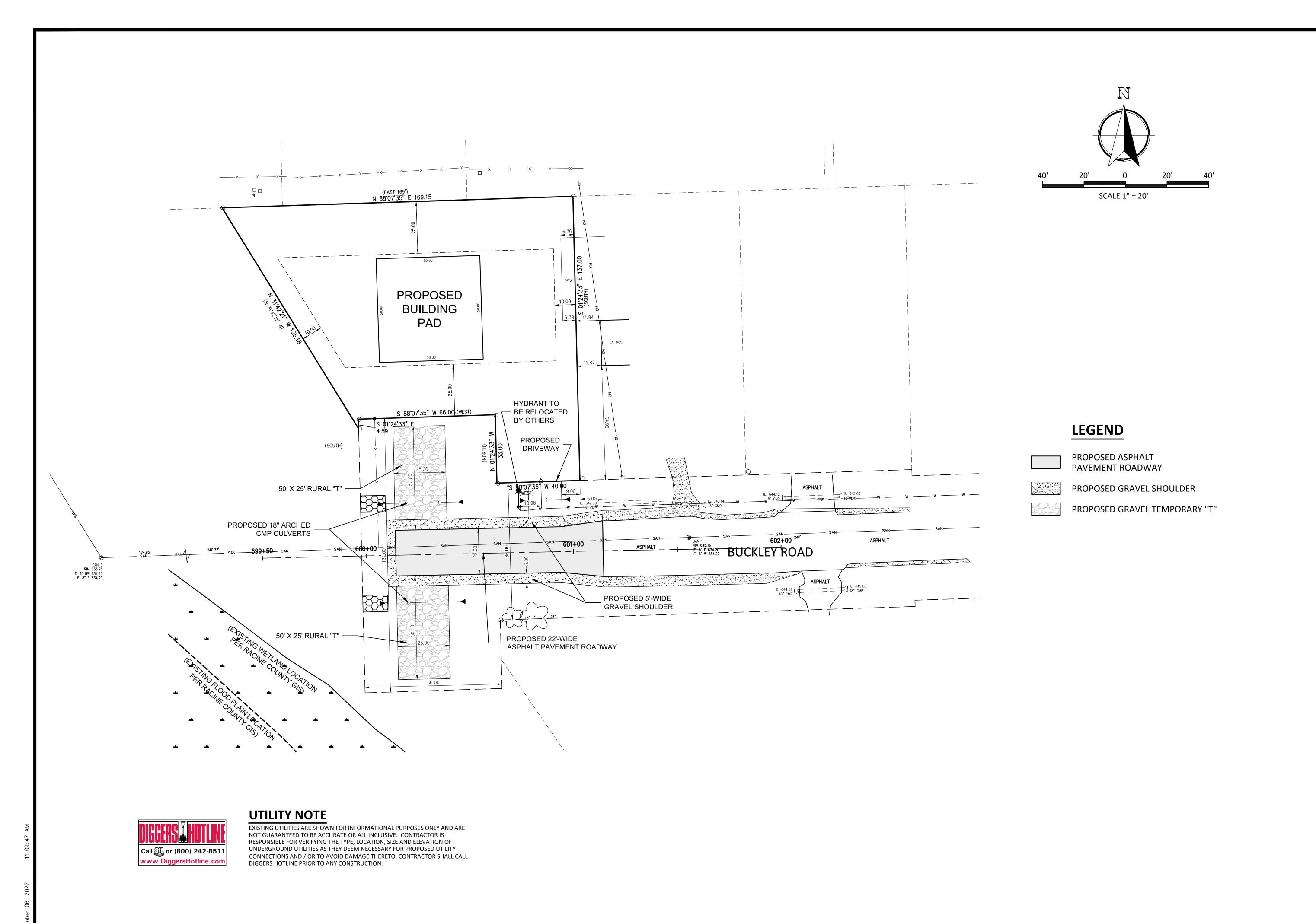
D EXTENSION TION PLANS ONALD AND VILLAGE OF CALEDON

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SSUE FOR APPROVAL: 10-6-2022





Madsen + Barber

ERS AND LAND SURVEYORS

Slvd. Suite 200, Racine, WI. 53406

N SION

CIVIL ENGINEERS AND LAND

1458 Horizon Blvd. Suite 200, I

Tele: (262)634-5588 Website:

BUCKLEY ROAD EXTENSION
DIMENSIONED SITE PLAN
FOR PONALD AND JANE CHRISTENSEN
VILLAGE OF CALEDONIA, RACINE COUNTY, WISCONSIN

NO. REVISION BY DATE

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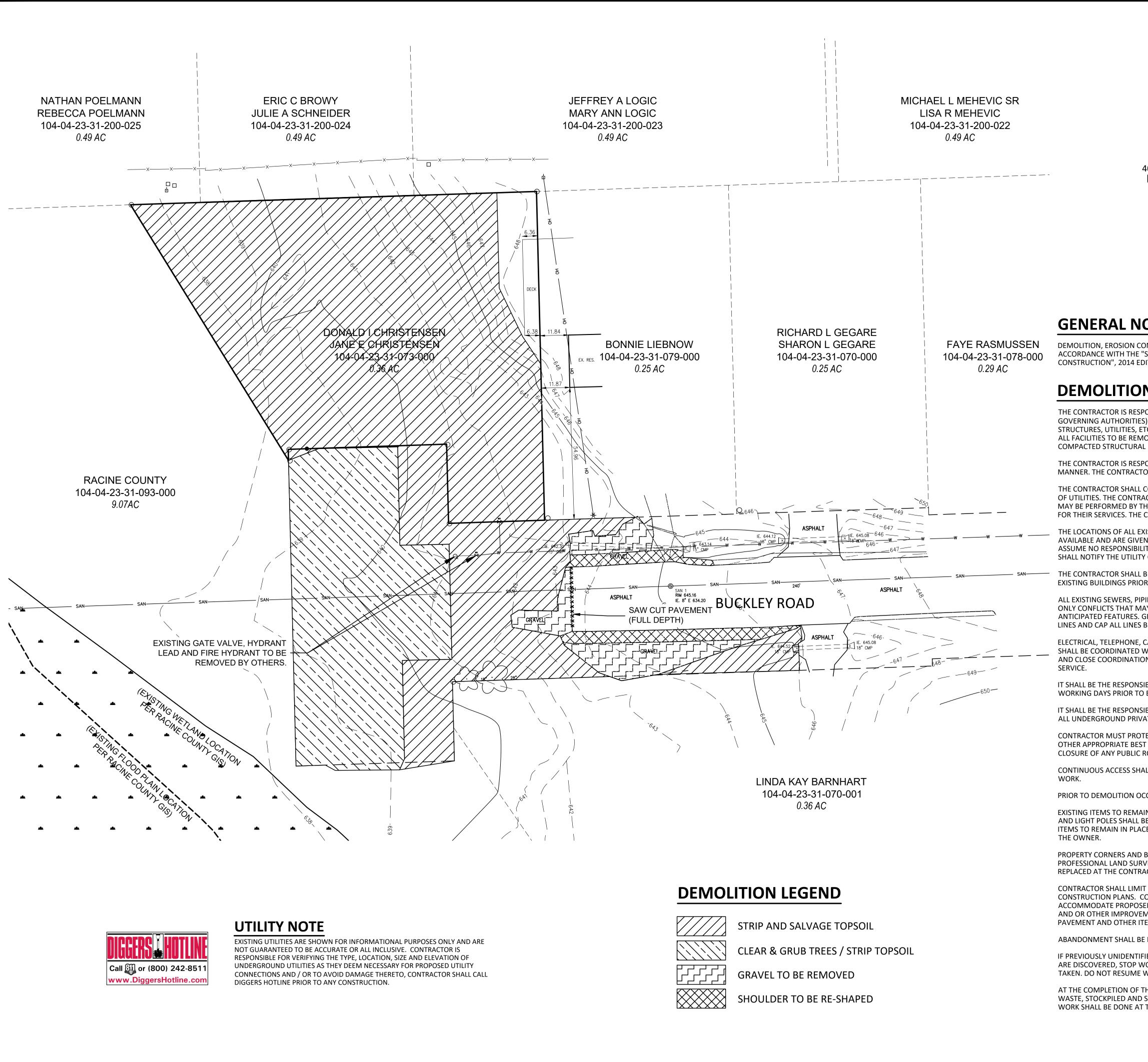
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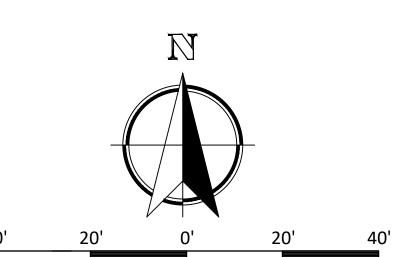
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SCALE 1" = 20'

GENERAL NOTES

DEMOLITION, EROSION CONTROL, EARTHWORK, SITE GRADING, PAVEMENT AND UTILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "STATE OF WISCONSIN, STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION", 2014 EDITION, HEREIN REFERRED TO AS THE "STATE SPECIFICATIONS".

DEMOLITION NOTES

THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSAL (AT A LOCATION APPROVED BY ALI GOVERNING AUTHORITIES) OF ALL STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PAVEMENTS, DRIVES, DRAINAGE STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLY COMPACTED STRUCTURAL FILL MATERIAL PER THE SPECIFICATIONS

ASSUME NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ON-SITE LOCATIONS OF EXISTING UTILITIES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION AND DISCONNECTION OF UTILITY SERVICES TO THE EXISTING BUILDINGS PRIOR TO DEMOLITION (OR MODIFICATION) OF THE BUILDINGS.

ALL EXISTING SEWERS, PIPING, AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION OR AS THE ONLY CONFLICTS THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH THE WORK.

ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE, AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CALL DIGGERS HOTLINE AT 1-800-242-8511 A MINIMUM OF 3 WORKING DAYS PRIOR TO EXCAVATION ACTIVITIES TO LOCATE AND MARK ALL UNDERGROUND UTILITIES.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HIRE A PRIVATE UTILITY LOCATING SERVICE TO LOCATE AND MARK ALL UNDERGROUND PRIVATE UTILITIES.

CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH SIGNS, FENCING, BARRICADES, ENCLOSURES, ETC., (AND OTHER APPROPRIATE BEST MANAGEMENT PRACTICES) AS APPROVED BY THE CONSTRUCTION MANAGER. TEMPORARY CLOSURE OF ANY PUBLIC ROADWAY OR SIDEWALK SHALL BE APPROVED BY THE AUTHORITY HAVING JURISDICTION.

CONTINUOUS ACCESS SHALL BE MAINTAINED FOR THE SURROUNDING PROPERTIES AT ALL TIMES DURING THE COURSE OF

PRIOR TO DEMOLITION OCCURRING, ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED.

EXISTING ITEMS TO REMAIN INCLUDING, BUT NOT LIMITED TO, FENCES, SIGNS, UTILITIES, BUILDINGS, TREES, PAVEMENTS, AND LIGHT POLES SHALL BE CAREFULLY PROTECTED DURING THE DEMOLITION PROCESS. ANY DAMAGE SUSTAINED TO ITEMS TO REMAIN IN PLACE SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AT NO ADDITIONAL COST TO

PROPERTY CORNERS AND BENCHMARKS SHALL BE CAREFULLY PROTECTED UNTIL THEY HAVE BEEN REFERENCED BY A PROFESSIONAL LAND SURVEYOR. PROPERTY MONUMENTS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE AT NO ADDITIONAL COST TO THE OWNER.

CONTRACTOR SHALL LIMIT PAVEMENT REMOVALS TO ONLY THOSE AREAS WHERE IT IS NECESSARY AS SHOWN ON THESE CONSTRUCTION PLANS. CONCRETE SIDEWALK AND CURB & GUTTER IS TO BE REMOVED TO NEAREST JOINT IN ORDER TO ACCOMMODATE PROPOSED IMPROVEMENTS. IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENTS AND OR OTHER IMPROVEMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPAIR OF DAMAGED PAVEMENT AND OTHER ITEMS AT NO ADDITIONAL COST TO THE OWNER.

ABANDONMENT SHALL BE IN ACCORDANCE WITH SECTION 3.2.24 OF THE "STANDARD SPECIFICATIONS".

IF PREVIOUSLY UNIDENTIFIED HAZARDOUS, CONTAMINATED MATERIALS, OR OTHER ENVIRONMENTAL RELATED CONDITIONS ARE DISCOVERED, STOP WORK IMMEDIATELY AND NOTIFY THE PROJECT CONSTRUCTION MANAGER FOR ACTION TO BE TAKEN. DO NOT RESUME WORK UNTIL SPECIFICALLY AUTHORIZED BY THE CONSTRUCTION MANAGER.

AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED, EXCESS, WASTE, STOCKPILED AND SPOIL MATERIAL IN ACCORDANCE WITH SECTION 205.3.12 OF THE "STATE SPECIFICATIONS". THIS WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.

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PERFORM THE PROOF ROLL. CONTRACTOR SHALL COORDINATE THE PROOF ROLL WITH THE OWNER AND THE GENERAL CONTRACTOR'S GEOTECHNICAL

AT THE COMPLETION OF THE PROJECT THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED, EXCESS, WASTE, STOCKPILED AND SPOIL MATERIAL IN ACCORDANCE WITH SECTION 205.3.12 OF THE "STATE SPECIFICATIONS". THIS WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.

EROSION & SEDIMENT CONTROL NOTES

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

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PREPARE ANY REVISIONS, ADJUSTMENTS OR PROPOSED ALTERATIONS TO THE CONSTRUCTION SEQUENCING AND/OR EROSION CONTROL PLANS. THE CONTRACTOR IS RESPONSIBLE TO NOTIFY ENGINEER OF RECORD AND REGULATORY OFFICIALS OF ANY CHANGES TO THE EROSION CONTROL AND STORMWATER MANAGEMENT PLANS. MODIFICATIONS TO THE APPROVED EROSION CONTROL DESIGN IN ORDER TO MEET UNFORESEEN FIELD CONDITIONS IS ALLOWED IF MODIFICATIONS CONFORM TO BEST MANAGEMENT PRACTICES (BMP'S).

THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION, MAINTENANCE, REPAIR AND REMOVAL OF ALL EROSION CONTROL DEVICES REQUIRED FOR THE PROJECT WHICH SHALL BE DONE IN ACCORDANCE WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (DNR) TECHNICAL STANDARDS (REFERRED TO AS BMP'S) AND THE VILLAGE OF CALEDONIA ORDINANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL CONTROL MEASURES WHICH MAY BE NECESSARY TO MEET UNFORESEEN FIELD CONDITIONS. SEE THE VILLAGE OF CALEDONIA AND WDNR EROSION CONTROL PERMITS FOR ADDITIONAL DETAILS OR REQUIREMENTS.

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 MAINTAINED PER SPS 360.22.

NSPECTIONS 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

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.
- B. A DESCRIPTION OF THE MAINTENANCE CONDUCTED TO REPAIR OR REPLACE EROSION AND SEDIMENT CONTROL PRACTICES. EROSION AND SEDIMENT CONTROL INSPECTIONS AND ENFORCEMENT ACTIONS MAY BE CONDUCTED BY WDNR, THE VILLAGE OF CALEDONIA OR THEIR AUTHORIZED AGENTS DURING AND AFTER THE CONSTRUCTION OF THIS PROJECT.

EROSION AND SEDIMENT CONTROL INSPECTIONS AND ENFORCEMENT ACTIONS MAY BE CONDUCTED BY WDNR, THE VILLAGE OF CALEDONIA OR THEIR AUTHORIZED AGENTS DURING AND AFTER THE CONSTRUCTION OF THIS PROJECT. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED BY STATE OR LOCAL INSPECTORS AND/OR THE ENGINEER OF RECORD, SHALL BE INSTALLED WITHIN 24 HOURS OF REQUEST.

ALL SEDIMENT AND EROSION CONTROL DEVICES, INCLUDING PERIMETER EROSION CONTROL MEASURES SUCH AS CONSTRUCTION ENTRANCES, EROSION CONTROL WATTLES AND EXISTING INLET PROTECTION SHALL BE INSTALLED PRIOR TO COMMENCING EARTH DISTURBING ACTIVITIES. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES UNTIL THE SITE HAS ESTABLISHED A VEGETATIVE COVER AND IS STABILIZED.

INSTALL EROSION CONTROL SILT FENCE PER SECTION 628 OF THE "STATE SPECIFICATIONS" AND WDNR TECHNICAL STANDARD 1056 AT THE LOCATIONS SHOWN ON THE PLAN. ERECT SILT FENCE PRIOR TO STARTING A CONSTRUCTION OPERATION THAT MIGHT CAUSE SEDIMENTATION OR SILTATION AT THE SITE OF THE PROPOSED SILT FENCE. CONTRACTOR SHALL INSTALL SILT FENCING AT DOWNSLOPE SIDE OF STOCKPILES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REMOVAL OF ALL REQUIRED SILT FENCE MATERIAL

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

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

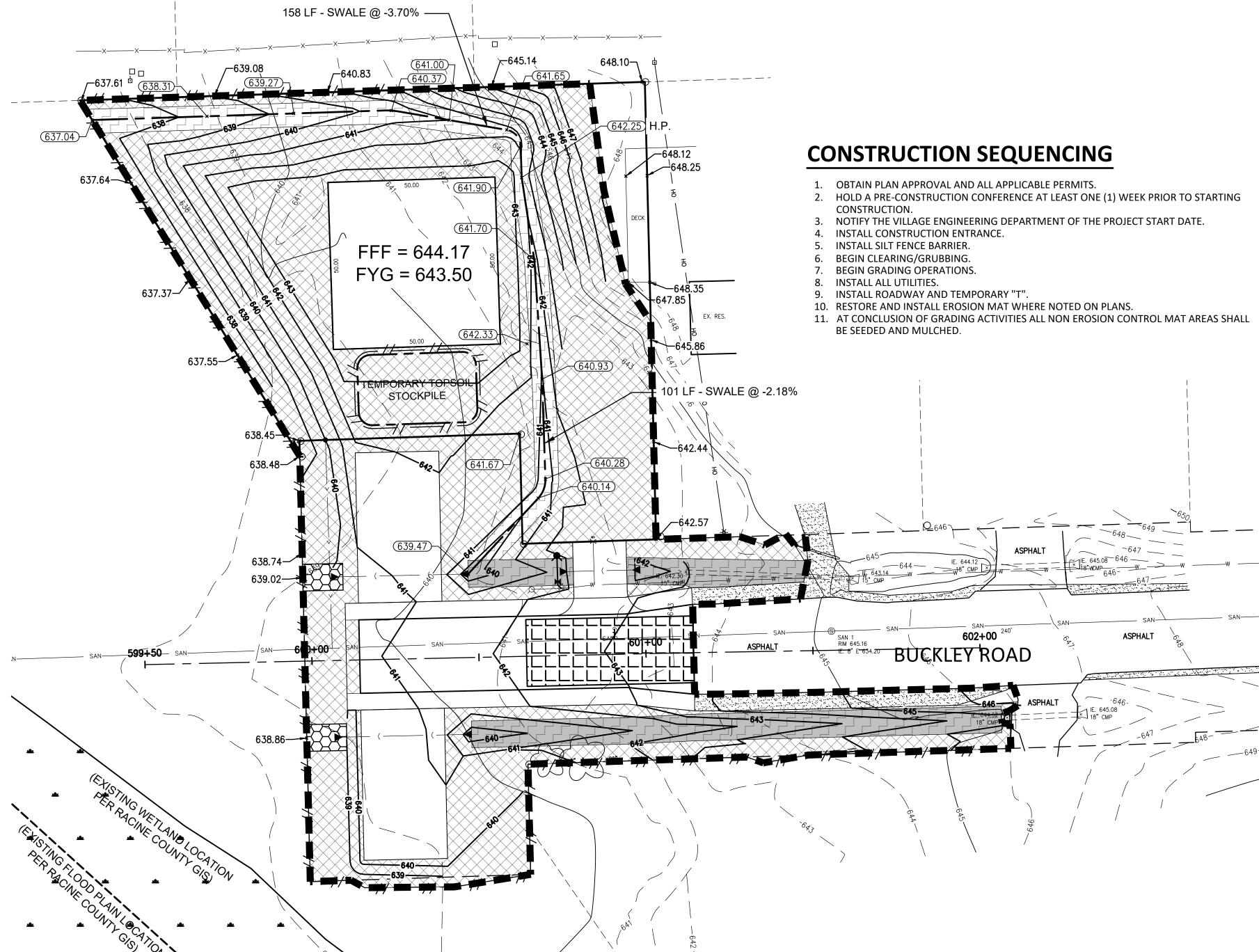
- A. PLACE EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENCH.
- B. BACKFILL, COMPACT AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION.
- C. ANY WATER PUMPED FROM PITS, TRENCHES, WELLS OR PONDS SHALL BE DISCHARGED INTO A SEDIMENTATION BASIN OR FILTERING TANK IN ACCORDANCE WITH WDNR 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.

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 14 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 WDNR TECHNICAL STANDARD 1059 AND THE VILLAGE OF CALEDONIA ORDINANCE.

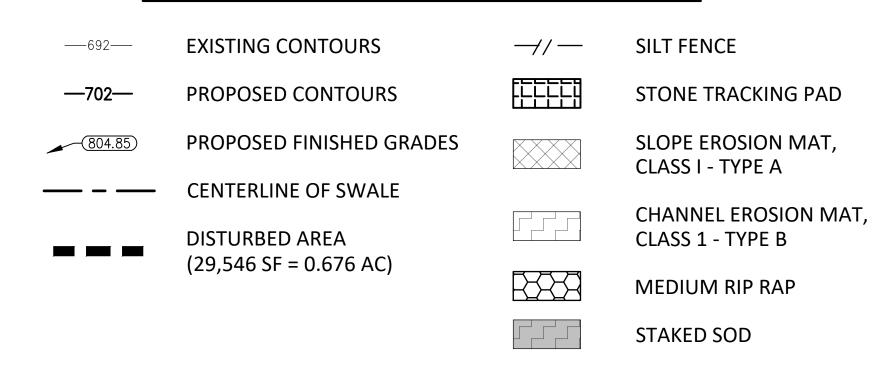
ALL DISTURBED SLOPES EXCEEDING 5:1, SHALL BE STABILIZED WITH CLASS I, TYPE A EROSION MATTING OR APPLICATION OF A WISCONSIN DEPARTMENT OF TRANSPORTATION (WISDOT) APPROVED (POLYMER) SOIL STABILIZATION TREATMENT OR A COMBINATION THEREOF, AS REQUIRED. EROSION MATTING AND/OR NETTING USED ONSITE SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES AND WDNR TECHNICAL STANDARDS 1052.

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.



GRADING/EROSION CONTROL LEGEND



UTILITY NOTE

CONSTRUCTION.



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

REFERENCES

ANY OR ALL OF THE FOLLOWING REFERENCE DOCUMENTS THAT ARE APPLICABLE TO THE PROPOSED ITEMS OF WORK ARE INCLUDED IN THIS CONTRACT:

STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, 2018 EDITION, HEREIN REFERRED TO AS "STATE SPECIFICATIONS." THE CURRENT VERSION OF THE "STATE SPECIFICATIONS" IS AVAILABLE ON THE WisDOT WEBSITE AT http://roadwaystandards.dot.wi.gov/standards/stndspec/index.htm

"MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), 2009 EDITION WITH REVISIONS 1 AND 2 INCORPORATED.

ALL EROSION CONTROL, EARTHWORK, SITE GRADING, BASES, PAVEMENTS AND INCIDENTAL CONSTRUCTION ITEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE "STATE SPECIFICATIONS" AND "VILLAGE SPECIFICATIONS".

* WHENEVER THE "STATE SPECIFICATIONS" AND THE "VILLAGE SPECIFICATIONS" DIFFER, THE "VILLAGE SPECIFICATIONS" SHALL GOVERN.

* WHENEVER THE "STATE SPECIFICATIONS", "VILLAGE SPECIFICATIONS" OR CONSTRUCTION PLANS DIFFER, THE "VILLAGE SPECIFICATIONS" SHALL GOVERN.

SITE GRADING & SUB-GRADE PREPARATION

ALL EXISTING TOPSOIL AND OTHER NON-STRUCTURAL MATERIAL WITHIN THE PROPOSED BUILDING PAD, PAVEMENT SECTIONS AND STRUCTURAL FILL AREAS SHALL BE STRIPPED AND STOCKPILED AT THE LOCATION SHOWN OR AS DIRECTED BY THE GENERAL CONTRACTOR.

EXCAVATE, GRADE AND SHAPE SUBGRADE TO THE LINES AND GRADES SHOWN ON THE PLANS. SEE TYPICAL SECTIONS FOR PAVEMENT THICKNESS AND MATERIALS.

FOR STRUCTURAL FILL DEPTHS LESS THAN 20 FEET, THE DENSITY OF THE STRUCTURAL COMPACTED FILL AND SCARIFIED SUBGRADE AND GRADES SHALL NOT BE LESS THAN 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY STANDARD PROCTOR (ASTM D-698) WITH THE EXCEPTION OF THE TOP 12 INCHES OF PAVEMENT SUBGRADE WHICH SHALL HAVE A MINIMUM IN-SITU DENSITY OF 100 PERCENT OF MAXIMUM DRY DENSITY, OR 5 PERCENT HIGHER THAN UNDERLYING FILL MATERIALS.

TEMPORARY SEEDING IS REQUIRED FOR ALL STOCKPILES AND OTHER EXPOSED LAND AREAS IF NOT UTILIZED WITHIN 30 DAYS. AT THE COMPLETION OF THE PAVEMENT WORK, RE-SPREAD SALVAGED TOPSOIL TO PROVIDE A MINIMUM SIX-INCH (6") LAYER IN ALL LANDSCAPE AND LAWN AREAS. ALL DISTURBED AREAS SHALL BE RESTORED PER SPECIFIC DETAILS IN THE SITE LANDSCAPE PLAN. UPON COMPLETION OF THE GRADING AND COMPACTION OF THE SUBGRADE, A PROOF ROLL SHALL BE CONDUCTED BY THE CONTRACTOR ON ALL SUBGRADES THAT RECEIVE DENSE AGGREGATE BASE COURSE. THE CONTRACTOR SHALL PROVIDE A FULLY LOADED QUAD-AXLE TRUCK (18 TON MINIMUM LOAD) TO

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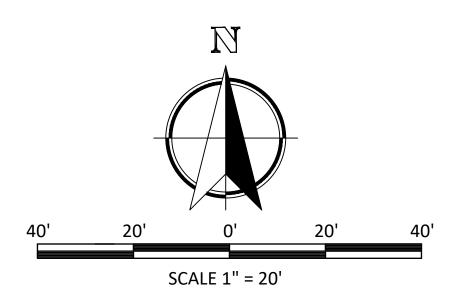
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UTILITY CONSTRUCTION GENERAL NOTES

ALL APPLICATIONS AND CONNECTION FEES FOR WATER SERVICES MUST BE SUBMITTED AND PAID PRIOR TO CONNECTION

THE CONTRACTOR SHALL PROVIDE 7 DAYS NOTICE TO THE VILLAGE OF CALEDONIA BEFORE COMMENCING CONSTRUCTION ON ANY WATERMAIN IMPROVEMENTS.

THE CONTRACTOR SHALL CONTACT THE VILLAGE OF CALEDONIA 72 HOURS PRIOR TO PROPOSED WATERMAIN SHUTDOWNS OR ANY WORK THAT MAY INTERFERE WITH EXISTING WATER SERVICE. ALL EXISTING VALVES, HYDRANTS, AND OTHER WATERMAIN INFRASTRUCTURE SHALL ONLY BE OPERATED BY THE VILLAGE OF CALEDONIA

CONTRACTOR SHALL VERIFY ALL ELEVATIONS, LOCATIONS AND SIZES OF EXISTING SANITARY AND STORM SEWERS, WATER MAINS, GAS & ELECTRIC LINES AND OTHER ADJACENT UTILITIES PRIOR TO COMMENCING CONSTRUCTION. AS-BUILT (FIELD) DATA SHALL BE USED TO CHECK ALL PROPOSED UTILITY CROSSINGS FOR CONFLICTS.

DATA SHALL BE USED TO CHECK ALL PROPOSED UTILITY CROSSINGS FOR CONFLICTS.

CONTRACTOR SHALL CONTACT DIGGER'S HOTLINE A MINIMUM OF 72 HOURS BEFORE THE START OF CONSTRUCTION TO HAVE THE ADJACENT UNDERGROUND PUBLIC UTILITIES LOCATED. THE LOCATION OF EXISTING PRIVATE UTILITIES MAY NOT BE SHOWN ON THE PLANS AND SHOULD BE LOCATED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

ANY WATER PUMPED FROM PITS, TRENCHES, WELLS OR PONDS SHALL BE TREATED FOR SEDIMENT REMOVAL PRIOR TO DISCHARGE OFF-SITE. PUMPING OPERATIONS SHALL BE IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1061. PUMPED WATER CAN BE TREATED IN RETENTION BASINS, FILTER BAGS, STONE FILTERS OR BY OTHER WDNR APPROVED

WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.

SANITARY SEWER SPECIFICATIONS

SANITARY SEWER LATERAL PIPE MATERIAL SHALL BE FOUR-INCH (4") PVC CLASS SDR-35 WITH INTEGRAL BELL TYPE ELASTOMERIC JOINTS CONFORMING TO THE REQUIREMENTS OF ASTM D3034, ASTM D3212 AND F-789/P546 WITH RUBBER GASKETS. SANITARY LATERALS SHALL BE PROVIDED WITH A CLEANOUT AT THE BUILDING PER SPS 382.35. LATERAL CLEAN-OUT RISERS SHALL BE SIX-INCH (6") DIAMETER WITH EIGHT-INCH (8") DIAMETER FROST SLEEVE CONSTRUCTED OF THE SAME MATERIAL. THE CLEANOUT RISERS SHALL TERMINATE FOUR INCHES (4") BELOW FINISHED GRADE WITH A SCREW ON CAP. THE FROST SLEEVE SHALL BE BROUGHT UP TO JUST BELOW FINISHED GRADE AND COVERED WITH A NEENAH R-3487 FRAME WITH A SOLID LID.

SANITARY SEWER BACKFLOW PREVENTOR SHALL BE CONSTRUCTED WITH A CLEAN CHECK EXTENDABLE BACKWATER VALVE MODEL MADE BY RECTORSEAL OR AN APPROVED EQUAL.

A 10-GAUGE TRACER WIRE SHALL BE INSTALLED THE ENTIRE LENGTH OF ALL PRIVATE SANITARY SEWERS AND LATERALS PER SPS 382.30(11)(h). THE TRACER WIRE SHALL BE EXTENDED TO THE SURFACE WITHIN THE PROPOSED STRUCTURES. FOR THE SANITARY SEWER LATERALS, THE TRACER WIRE SHALL BE EXTENDED TO THE SURFACE AT THE BUILDING WALL AND ALL OTHER SYSTEM LIMITS (FOR EACH SYSTEM INSTALLED) AND ENCLOSED IN A RISER BOX WITH "SEWER" ON THE COVER.

- 1. WIRE SPLICES SHALL BE IN ACCORDANCE WITH STANDARD ELECTRICAL PRACTICES. ACCEPTABLE WIRE SPLICES ARE BRASS SPLIT BOLTS, DRYCONN WATERPROOF CONNECTORS, SNAP-LOC MODEL LV 9500, OR APPROVED EQUAL. WIRE NUTS ARE NOT ACCEPTABLE
- BRANCH CONNECTIONS UTILIZING SPLIT BOLTS SPLICE BRANCH TRACER WIRE TO MAIN TRACER WIRE USING THE FOLLOWING PROCEDURE: BARE TRACER WIRE ON MAIN LINE (DO NOT CUT); CONNECT BRANCH WIRE TO MAIN LINE WITH BRASS SPLIT BOLT; AND SEAL CONNECTION WITH RUBBER ELECTRICAL TAPE AND OVER WRAP WITH TWO LAYER OF POLYETHYLENE ADHESIVE TAPE 1-1/2" WIDE AND 8MM THICK.
- 3. BRANCH CONNECTIONS UTILIZING OTHER APPROVED CONNECTORS FOLLOW MANUFACTURER'S RECOMMENDATIONS.

STORM SEWER SPECIFICATIONS

MATERIAL FOR STORM SEWERS SHALL BE IN ACCORDANCE WITH THE STATE OF WISCONSIN DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES (SPS) AND VILLAGE OF CALEDONIA SPECIFICATIONS.

STORM SEWER CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION IN WISCONSIN", 6TH EDITION, DECEMBER 22, 2003 WITH ADDENDA NO. 1 AND NO. 2, HEREIN REFERRED TO AS THE "STANDARD SPECIFICATIONS".

CORRUGATED STEEL CULVERT CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 521 OF THE "STATE SPECIFICATIONS" AND THE VILLAGE OF CALEDONIA SPECIFIACTIONS.

BEDDING AND COVER MATERIAL SHALL BE SAND, CRUSHED STONE CHIPS OR CRUSHED STONE SCREENINGS CONFORMING TO CHAPTER 8.43.2 OF THE "STANDARD SPECIFICATIONS".

ANY AND ALL EXISTING SIDEWALKS, CURBS OR PAVEMENTS DISTURBED TO INSTALL UNDERGROUND UTILITIES SHALL BE SAWCUT AT THE NEAREST JOINT AND REPLACED IN KIND PER THE VILLAGE OF CALEDONIA SPECIFICATIONS.

AT THE COMPLETION OF THE PROJECT THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED, EXCESS, WASTE, STOCKPILED AND SPOIL MATERIAL IN ACCORDANCE WITH SECTION 205.3.12 OF THE "STATE SPECIFICATIONS". THIS WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.



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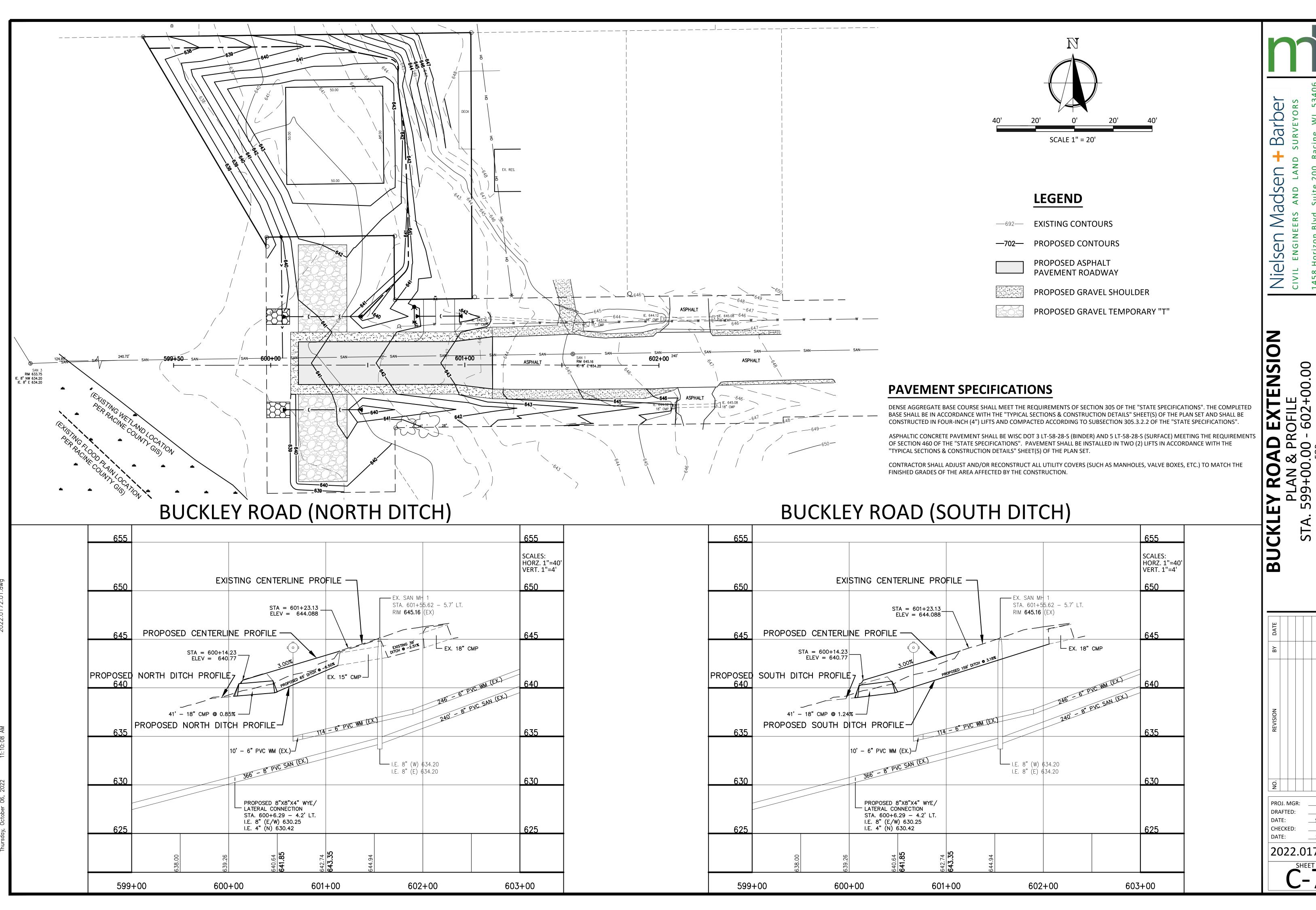
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UTILITY NOTE

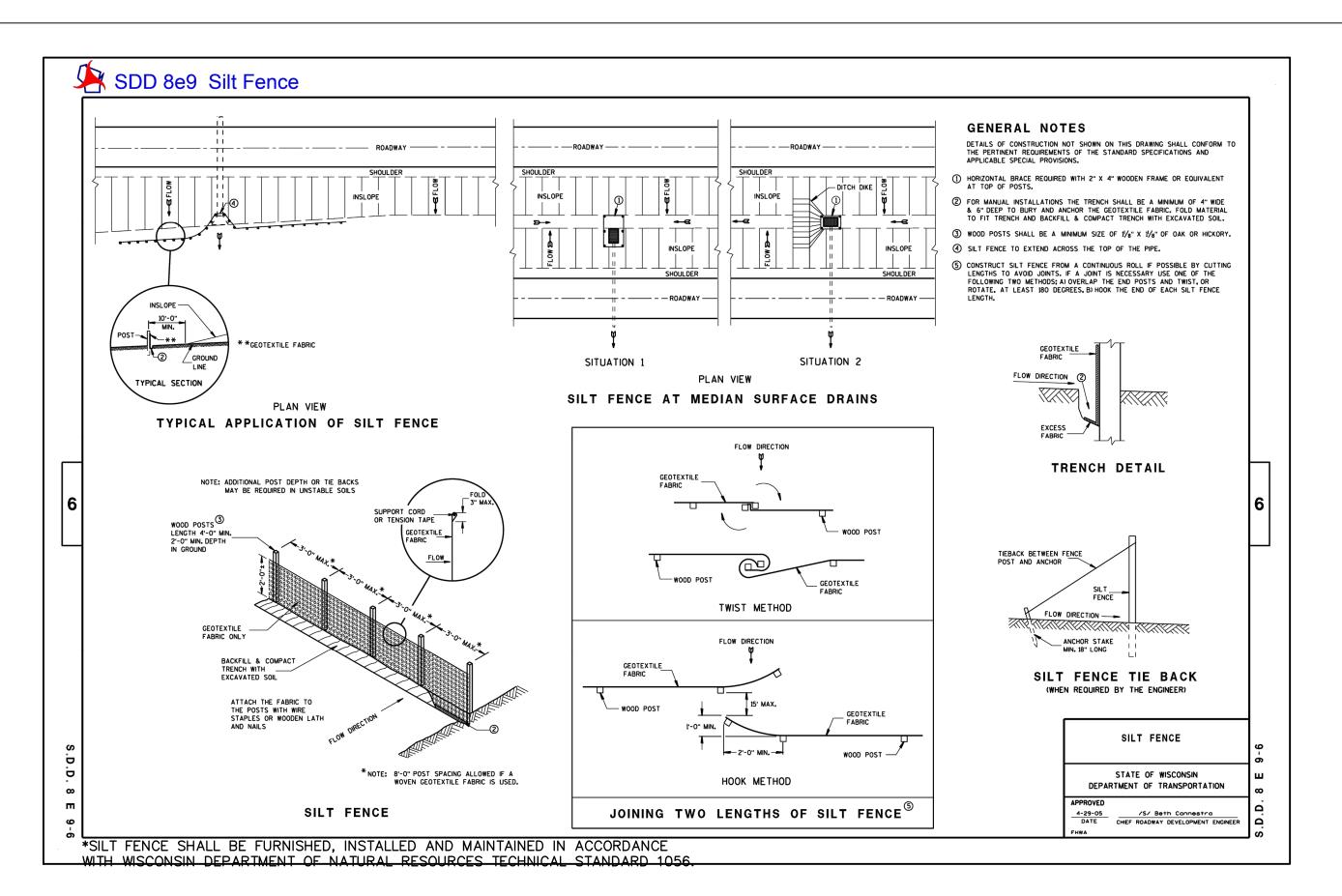
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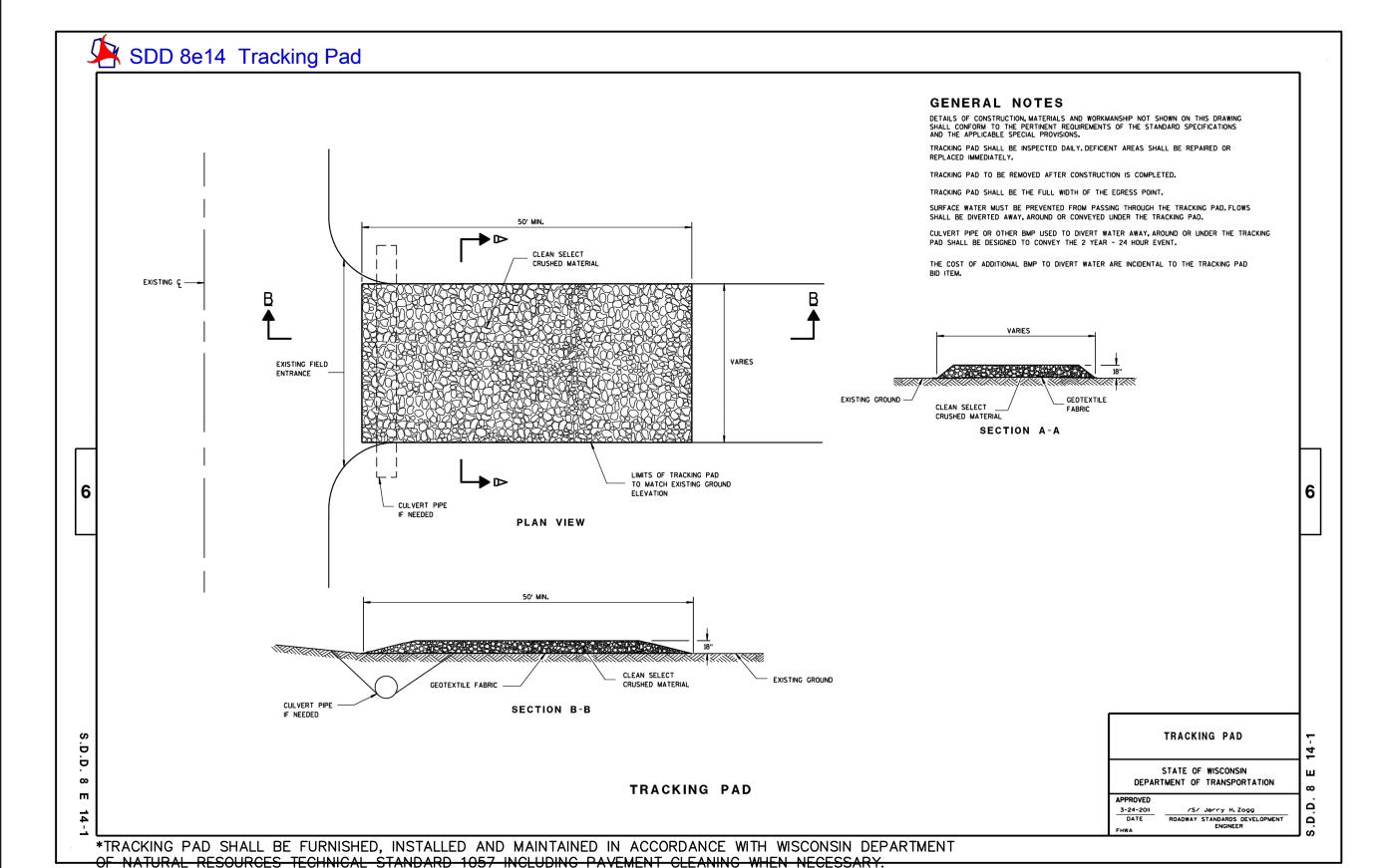
www.DiggersHotline.com

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.



10-3-2022





SILT FENCE DETAIL

SDD 8e10 Inlet Protection Type A, B, C and D 2" × 4" STAKE AND INLET SPECIFICATIONS AS PER THE PLAN DIMENSION LENGTH AND WIDTH TO MATCH GEOTEXTILE FABRIC. USE REBAR OR STEEL ROD FOR REMOVAL 2" x 4" STAKE AND CROSS BRACING FOR INLETS WITH CAST -CURB BOX USE WOOD
2" X 4", EXTEND 10" BEYOND
GRATE WIDTH ON BOTH
SIDES, LENGTH VARIES.
SECURE TO GRATE WITH
WIRE OR PLASTIC TIES INLET PROTECTION, TYPE B FABRIC, TYPE FF-(WITHOUT CURB BOX) FRONT, BACK, AND BOTTOM TO BE MADE FROM SINGLE (CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX) PIECE OF FABRIC. - 4" X 6" OVAL HOLE SHALL BE HEAT CUT INTO ALL FOUR SIDE PANELS. MINIMUM DOUBLE STITCHED SEAMS ALL AROUND SIDE PIECES — AND ON FLAP POCKETS. ATTACH GEOTEXTILE THE STAKES AND GEOTEXTILE FABRIC, TYPE FF WITHOUT GRATE WOOD 2" × 4" EXTENDS INLET PROTECTION, TYPE A WIDTH ON BOTH SIDES, INLET PROTECTION, TYPE D LENGTH VARIES.
SECURE TO GRATE WITH
WIRE OR PLASTIC TIES GENERAL NOTES (CAN BE INSTALLED IN ANY INLET TYPE WITH INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE OR WITHOUT A CURB BOX AS PER NOTE (2) INLET PROTECTION, TYPE C (WITH CURB BOX) DIRECTION OF THE ENGINEER. MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE INSTALLATION NOTES DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE TYPE B & C WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET, ANY MATERIAL FALLING INTO THE INLET SHALL BE TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE. THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET. INLET PROTECTION TYPE D TYPE A, B, C, AND D 1 FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL. DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE. (2) FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE. DEPARTMENT OF TRANSPORTATION 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES.
THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING. THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT DATE CHIEF ROADWAY DEVELOPMENT ENGINEER 3 FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4. *INLET PROTECTION SHALL BE FURNISHED, INSTALLED AND MAINTAINED IN ACCORDANCE <u>WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARD 1060.</u>

FROST SLEEVE TO BE PROVIDED WITH A SCREW-ON CAP IN ALL LAWN & LANDSCAPE AREAS EXTEND RISER 2" ABOVE FINISHED GRADE IN ALL LAWN SCREW ON CAPS -AND/OR LANDSCAPE AREAS FROST SLEEVE TO BE INSTALLED WITH A 850 OR 851 SERIES CAST INSTALL VALVE BOX WITH LABEL "SEWER" OVER CLEANOUT IRON ADJUSTABLE CLEANOUT AS 2" MAX. IN PLACE OF FROST SLEEVE, IF CLEANOUT IS IN ASPHALT MANUFACTURED BY SIOUX CHIEF COMPANY (OR APPROVED EQUAL) SCREW ON CAP FLUSH WITH FINAL GRADE IN ALL PAVED AREAS 8" PVC FROST SLEEVE EXTEND TRACER WIRE TO SURFACE (INCLUDE 12" OF SLACK) √13/— — — | 6" SDR-35 45° BEND FILL VOID WITH PEA GRAVEL 6" X 6" SDR-35 45° WYE 8" FROST SLEEVE (6" MAIN OR LARGER) LENGTH VARIES-PITCH AS REQUIRED TRACER WIRE 6" FROST SLEEVE (4" MAIN) (TAPE PER SPEC) CONNECT TO EXST SANITARY LATERAL PIPE BEDDING 6" CO RISER (6" MAIN OR LARGER) 15" SANITARY SEWER 4" CO RISER (4" MAIN) PROVIDE BEDDING & COVER MATERIAL AS SPECIFIED INSTALL 18" DIAMETER LIMIT OF EXCAVATION CONCRETE COLLAR WHEN 6" SDR 35 22 1/2° ELBOW LOCATED IN PAVEMENT SEWER MAIN 6" SDR 35 == (SIZE PER PLAN) UNDISTURBED OR COMPACTED 6" 45° BEND = SUBGRADE NOTE: SEWER CLEANOUTS TO BE LOCATED A MAXIMUM OF 5' OUTSIDE OF BUILDING WALL AND WHERE SHOWN ON PLAN **PVC SANITARY SEWER** SEWER CLEANOUT (CO) RISER DETAIL RISER LATERAL DETAIL

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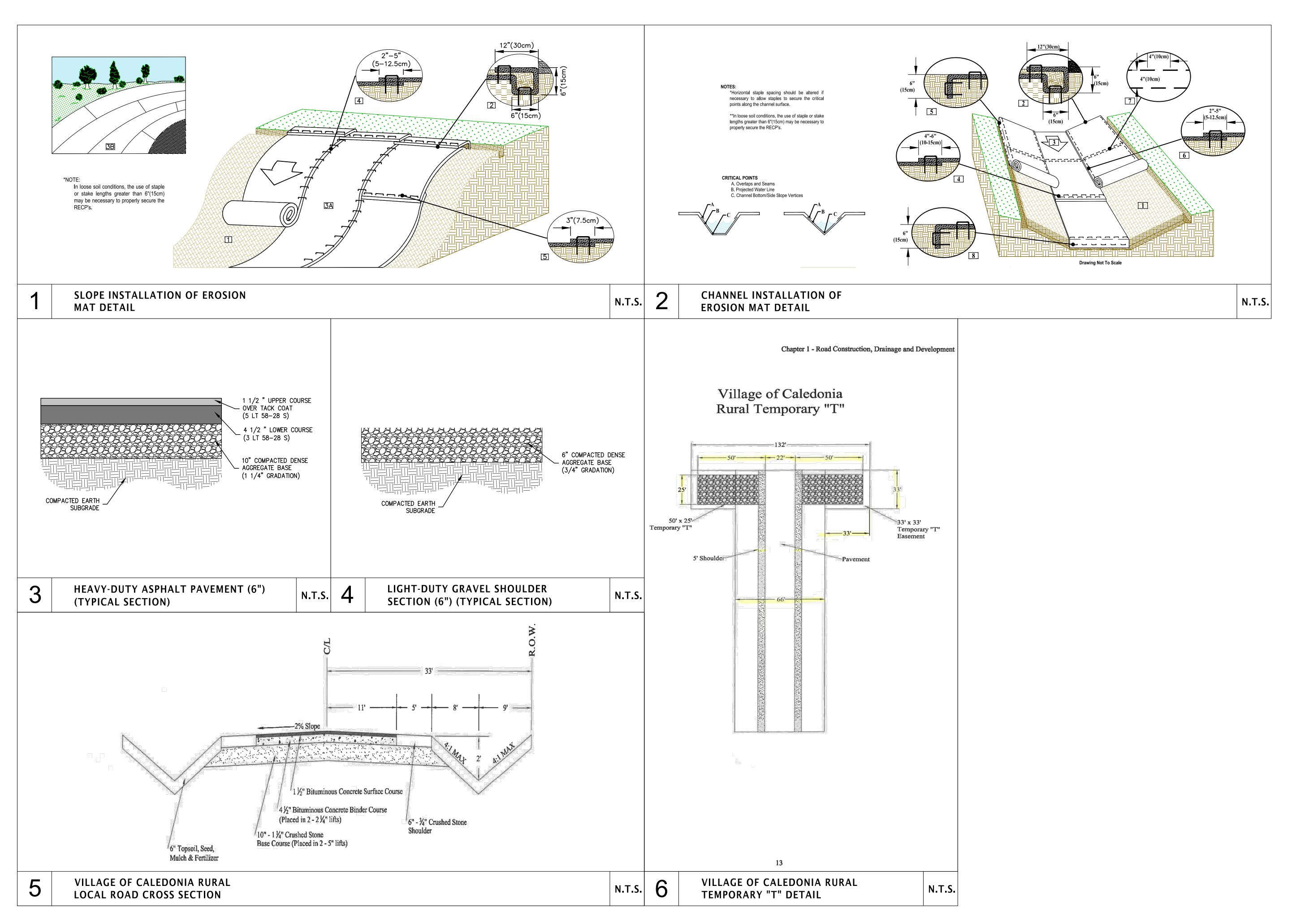
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INLET PROTECTION DETAIL



Madsen + Barber

EERS AND LAND SURVEYORS

Blvd. Suite 200, Racine, WI. 53406

4-5588 Website: www.nmbsc.net

KLEY ROAD EXTENSION
TYPICAL SECTIONS &

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