		LEGEND		
	EXISTING	PROPOSED		
SANITARY SEWER MANHOLE	(a)	•		
STORM SEWER MANHOLE	0	•		
STORM SEWER CATCH BASIN (ROUND CASTING)	0	•		
STORM SEWER CATCH BASIN (RECTANGULAR CASTING)				
PRECAST FLARED END SECTION	\triangleleft	•		
CONCRETE HEADWALL	((
AIR RELEASE ASSEMBLY	\otimes	•		
VALVE BOX	Ħ			
FIRE HYDRANT	ď	<		
BUFFALO BOX	Φ	•		
CLEANOUT	0	•		
SANITARY SEWER —	──	——		
FORCE MAIN ——				
STORM SEWER —				
DRAIN TILE —		<u> </u>		
WATER MAIN —	w	w		
FIRE PROTECTION		FP		
		. 1		
UTILITY CROSSING				
GRANULAR TRENCH BACKFILL		***************************************		
LIGHTING	\rightleftharpoons			
ELECTRICAL CABLE —	—Е—	——Е—		
OVERHEAD WIRES —	—— OHW ———	——IOНWI—		
CAUTION EXISTING UTILITIES NEARBY		(CAUTION		
ELECTRICAL TRANSFORMER OR PEDESTAL	E			
POWER POLE	-0-			
POWER POLE WITH LIGHT	×	*		
GUY WIRE	•	, ,		
STREET SIGN	>	•		
GAS MAIN	G	—— G —		
TELEPHONE LINE	T	——ITI—		
CONTOUR	749 —	749		
SPOT ELEVATION	×(750.00)	+ 750.00		
WETLANDS —				
PRIMARY ENVIRONMENTAL CORRIDOR —	PEC			
FLOODWAY —				
FLOODPLAIN —				
HIGH WATER LEVEL (HWL)				
NORMAL WATER LEVEL (NWL)				
DIRECTION OF SURFACE FLOW		GRASS PAVE		
DITCH OR SWALE —	→ →			
DIVERSION SWALE		>>		
OVERFLOW RELIEF ROUTING	\Box			
TREE WITH TRUNK SIZE	6"	\neg		
SOIL BORING	** Face 16"			
TOPSOIL PROBE				
	SF	SF		
FENCE LINE, WIRE —				
FENCE LINE, CHAIN LINK OR IRON —	O	<u> </u>		
FENCE LINE, WOOD OR PLASTIC —				
CONCRETE SIDEWALK				
CURB AND GUTTER ==				
DEPRESSED CURB ==				

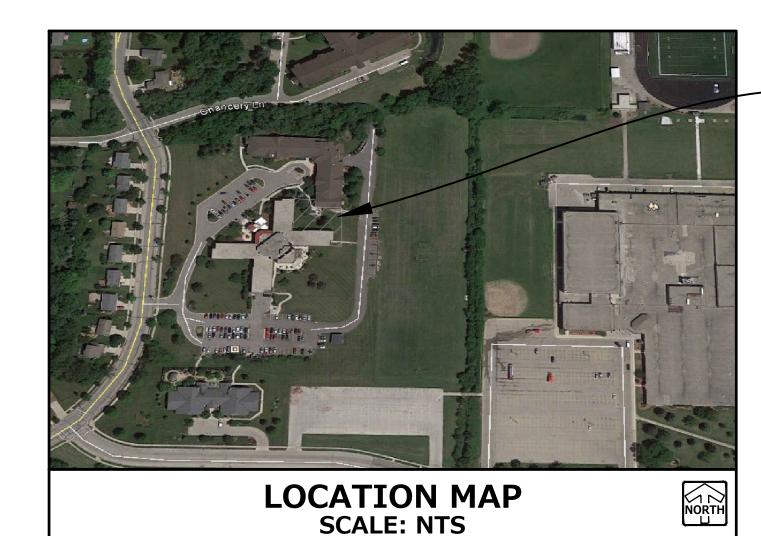
ABBREVIATIONS NORMAL WATER LEVEL POINT OF CURVATURE LONG CHORD OF CURVE CURB AND GUTTER POINT OF TANGENCY CATCH BASIN POINT OF VERTICAL INTERSECTION **RADIUS** CENTERLINE DEGREE OF CURVE RIGHT-OF-WAY **EDGE OF PAVEMENT** SANITARY SEWER FINISHED FLOOR STORM SEWER FINISHED GRADE TANGENCY OF CURVE TOP OF BANK FLOW LINE **FLOODPLAIN** TOP OF CURB **FRAME** TOP OF FOUNDATION **FLOODWAY** TOP OF PIPE HIGH WATER LEVEL TOP OF SIDEWALK INV TOP OF WALK LENGTH OF CURVE WATER MAIN **MANHOLE** INTERSECTION ANGLE

ONSITE CIVIL ENGINEERING INFRASTRUCTURE PLANS

OR

LINDEN GROVE

WAUKESHA, WISCONSIN



- PROJECT LOCATION

INDEX OF SHEETS

C-1 COVER SHEET

-2 EXISTING CONDITIONS

C-3 SITE PLAN

C-4 GRADING & EROSION CONTROL PLAN

C-5 CONSTRUCTION DETAIL

GENERAL NOTES

- 1. THE INTENTION OF THE PLANS AND SPECIFICATIONS IS TO SET FORTH PERFORMANCE AND CONSTRUCTION MATERIAL STANDARDS FOR THE PROPER EXECUTION OF WORK. ALL WORKS CONTAINED WITHIN THE PLANS AND SPECIFICATIONS SHALL BE COMPLETED IN ACCORDANCE WITH ALL REQUIREMENTS FROM LOCAL, STATE, FEDERAL OR OTHER GOVERNING AGENCY'S LAWS, REGULATIONS, JURISDICTIONAL ORDINANCES/CODES/RULES/ETC., AND THE OWNER'S DIRECTION.
- 2. THE CONTRACTOR IS RESPONSIBLE TO REVIEW AND UNDERSTAND ALL COMPONENTS OF THE PLANS AND SPECIFICATIONS, INCLUDING FIELD VERIFYING SOIL CONDITIONS, PRIOR TO SUBMISSION OF A BID RECORDS.
- 3. THE CONTRACTOR SHALL PROMPTLY REPORT ANY ERRORS OR AMBIGUITIES LEARNED AS PART OF THEIR REVIEW OF PLANS, SPECIFICATIONS, REPORTS AND FIELD INVESTIGATIONS.
- 4. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE COMPUTATION OF QUANTITIES AND WORK REQUIRED TO COMPLETE THIS PROJECT. THE CONTRACTOR'S BID SHALL BE BASED ON ITS OWN COMPUTATIONS AND IN NO SUCH INSTANCE RELY ON THE ENGINEER'S
- 5. QUESTIONS/CLARIFICATIONS WILL BE INTERPRETED BY ENGINEER/OWNER PRIOR TO THE AWARD OF CONTRACT. ENGINEER/OWNER WILL SUBMIT OFFICIAL RESPONSES IN WRITING. INTERPRETATIONS PRESENTED IN OFFICIAL RESPONSES SHALL BE BINDING ON ALL PARTIES ASSOCIATED WITH THE CONTRACT. IN NO WAY SHALL WORD-OF-MOUTH DIALOG CONSTITUTE AN OFFICIAL RESPONSE
- 6. PRIOR TO START OF WORK, CONTRACTOR SHALL BE COMPLETELY FAMILIAR WITH ALL CONDITIONS OF THE SITE, AND SHALL ACCOUNT FOR CONDITIONS THAT AFFECT, OR MAY AFFECT CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, LIMITATIONS OF WORK ACCESS, SPACE LIMITATIONS, OVERHEAD OBSTRUCTIONS, TRAFFIC PATTERNS, LOCAL REQUIREMENTS, ADJACENT ACTIVITIES, ETC. FAILURE TO CONSIDER SITE CONDITIONS SHALL NOT BE CAUSE FOR CLAIM OF JOB
- 7. COMMENCEMENT OF CONSTRUCTION SHALL EXPLICITLY CONFIRM THAT THE CONTRACTOR HAS REVIEWED THE PLANS AND SPECIFICATIONS IN ENTIRETY AND CERTIFIES THAT THEIR SUBMITTED BID PROPOSAL CONTAINS PROVISIONS TO COMPLETE THE PROJECT, WITH THE EXCEPTION OF UNFORESEEN FIELD CONDITIONS; ALL APPLICABLE PERMITS HAVE BEEN OBTAINED; AND CONTRACTOR UNDERSTANDS ALL OF THE REQUIREMENTS OF THE PROJECT.

- 8. SHOULD ANY DISCREPANCIES OR CONFLICTS IN THE PLANS OR SPECIFICATIONS BE DISCOVERED AFTER THE AWARD OF CONTRACT, ENGINEER SHALL BE NOTIFIED IN WRITING IMMEDIATELY AND CONSTRUCTION OF ITEMS AFFECTED BY THE DISCREPANCIES/CONFLICTS SHALL NOT COMMENCE, OR CONTINUE, UNTIL A WRITTEN RESPONSE FROM ENGINEER/OWNER IS DISTRIBUTED. IN THE EVENT OF A CONFLICT BETWEEN REFERENCED CODES, STANDARDS, SPECIFICATIONS AND PLANS, THE ONE ESTABLISHING THE MOST STRINGENT REQUIREMENTS SHALL BE FOLLOWED.
- 9. THE CONTRACTOR SHALL, AT ITS OWN EXPENSE, OBTAIN ALL NECESSARY PERMITS AND LICENSES TO COMPLETE THE PROJECT. OBTAINING PERMITS, OR DELAYS, IS NOT CAUSE FOR DELAY OF THE CONTRACT OR SCHEDULE. CONTRACTOR SHALL COMPLY WITH ALL DEPOMED TO THE CONTRACTOR SHALL COMPLY WITH ALL
- 10. THE CONTRACTOR SHALL NOTIFY ALL INTERESTED GOVERNING AGENCIES, UTILITY COMPANIES AFFECTED BY THIS CONSTRUCTION PROJECT, AND DIGGER'S HOTLINE IN ADVANCE OF CONSTRUCTION TO COMPLY WITH ALL JURISDICTIONAL ORDINANCES/CODES/RULES/ETC., PERMIT STIPULATIONS, AND OTHER APPLICABLE STANDARDS.
- 11. SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE TO INITIATE, INSTITUTE, ENFORCE, MAINTAIN, AND SUPERVISE ALL SAFETY PRECAUTIONS AND JOB SITE SAFETY PROGRAMS IN CONNECTION WITH THE WORK.
- 12. CONTRACTOR SHALL KEEP THE JOBSITE CLEAN AND ORDERLY AT ALL TIMES. ALL LOCATIONS OF THE SITE SHALL BE KEPT IN A WORKING MANNER SUCH THAT DEBRIS IS REMOVED CONTINUOUSLY AND ALL RESPECTIVE CONTRACTORS OPERATE UNDER GENERAL "GOOD HOUSEKEEPING."
- 13. THE CONTRACTOR SHALL INDEMNIFY THE OWNER, ENGINEER, AND THEIR AGENTS FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, AND TESTING OF THE WORK ON THIS PROJECT.
- 14. PRIOR TO CONSTRUCTION, A PRECONSTRUCTION MEETING MUST BE HELD AT THE VILLAGE OFFICES. THE PRECONSTRUCTION MEETING SHALL BE SCHEDULED AND MODERATED BY THE DESIGN ENGINEER OF RECORD.



Toll Free (800) 242-8511

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EXPIRATION DATE: JULY 31, 2018

PINNACLE ENGINEERING GROUP, LLC ENGINEER'S LIMITATION

PINNACLE ENGINEERING GROUP, LLC AND THEIR CONSULTANTS DO NOT WARRANT OR GUARANTEE THE ACCURACY AND COMPLETENESS OF THE DELIVERABLES HEREIN BEYOND A REASONABLE DILIGENCE. IF ANY MISTAKES, OMISSIONS, OR DISCREPANCIES ARE FOUND TO EXIST WITHIN THE DELIVERABLES, THE ENGINEER SHALL BE PROMPTLY NOTIFIED PRIOR TO BID SO THAT HE MAY HAVE THE OPPORTUNITY TO TAKE WHATEVER STEPS NECESSARY TO RESOLVE THEM. FAILURE TO PROMPTLY NOTIFY THE ENGINEER OF SUCH CONDITIONS SHALL ABSOLVE THE ENGINEER FROM ANY RESPONSIBILITY FOR THE CONSEQUENCES OF SUCH FAILURE. ACTIONS TAKEN WITHOUT THE KNOWLEDGE AND CONSENT TO THE ENGINEER, OR IN CONTRADICTION TO THE ENGINEER'S DELIVERABLES OR RECOMMENDATIONS, SHALL BECOME THE RESPONSIBILITY NOT OF THE ENGINEER BUT OF THE PARTIES RESPONSIBLE FOR TAKING SUCH ACTION.

FURTHERMORE, PINNACLE ENGINEERING GROUP, LLC IS NOT RESPONSIBLE FOR CONSTRUCTION SAFETY OR THE MEANS AND METHODS OF CONSTRUCTION.



PLANIDESIGNIDELIVER
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CIVIL ENGINEER:

PINNACLE ENGINEERING GROUP

15850 BLUEMOUND ROAD, SUITE 310

FRED SPELSHAUS, P.E.

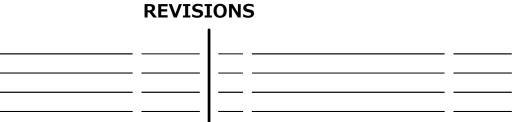
BROOKFIELD, WI 53005

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PROJECT TEAM CONTACTS

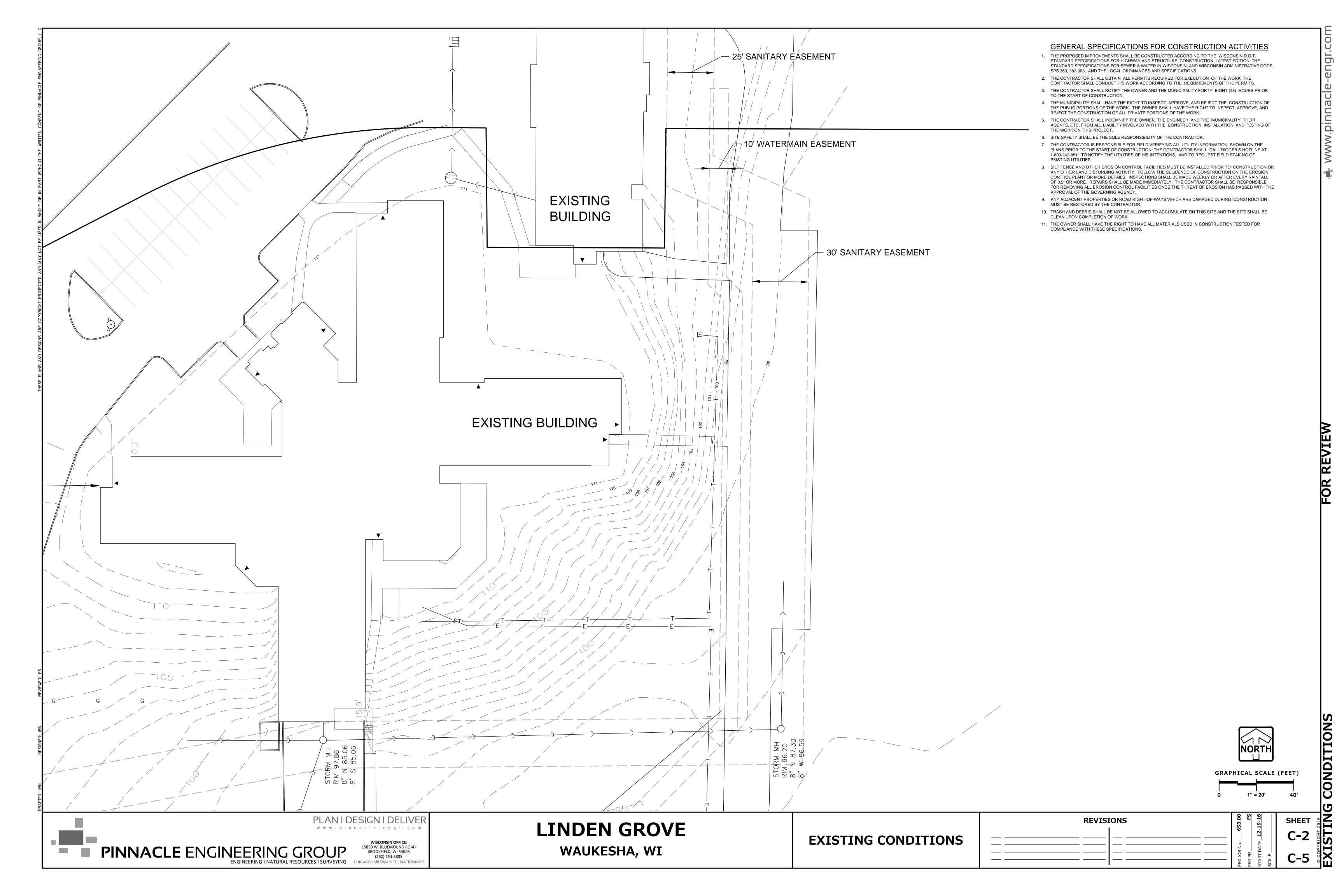
LINDEN GROVE
WAUKESHA, WI

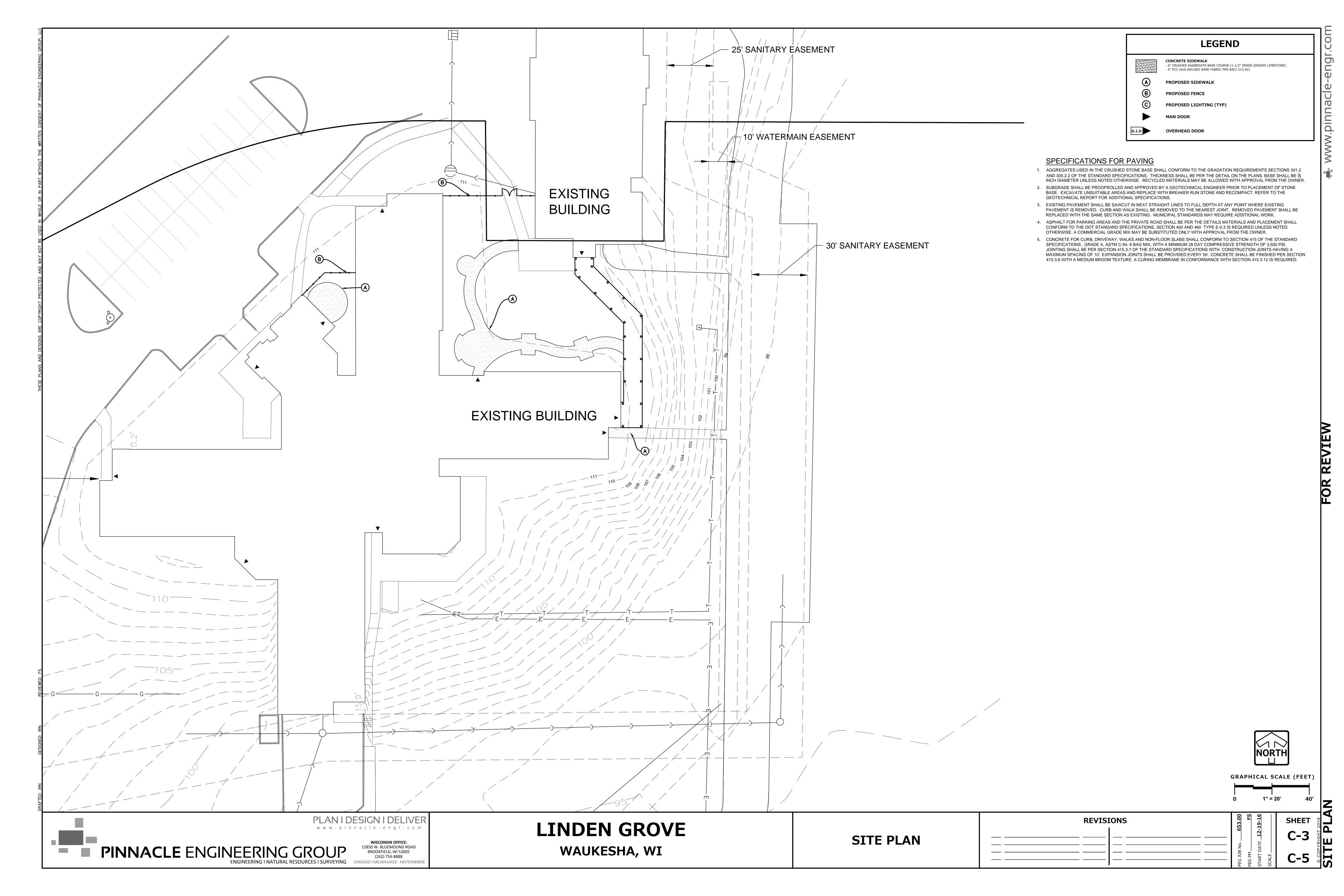
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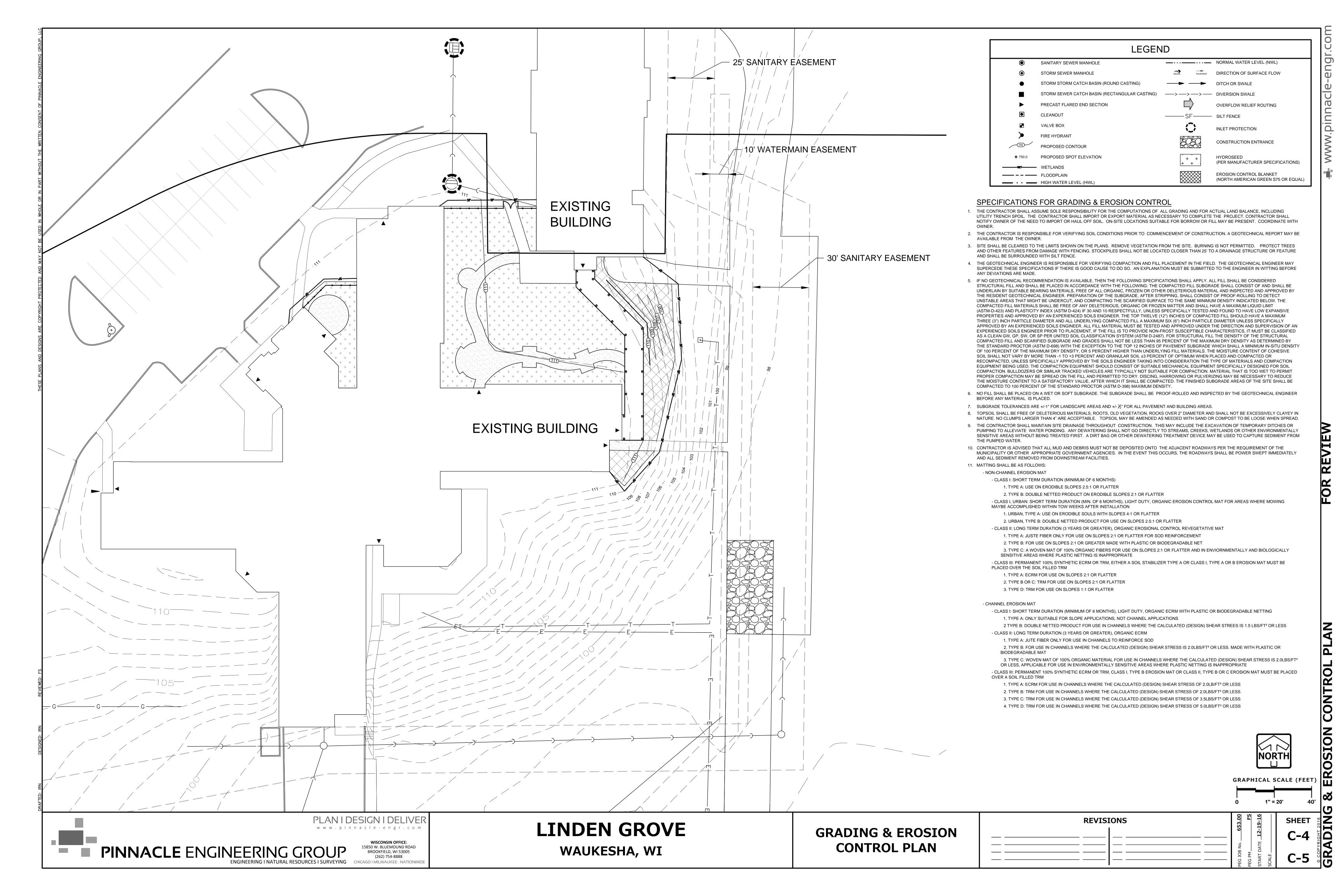


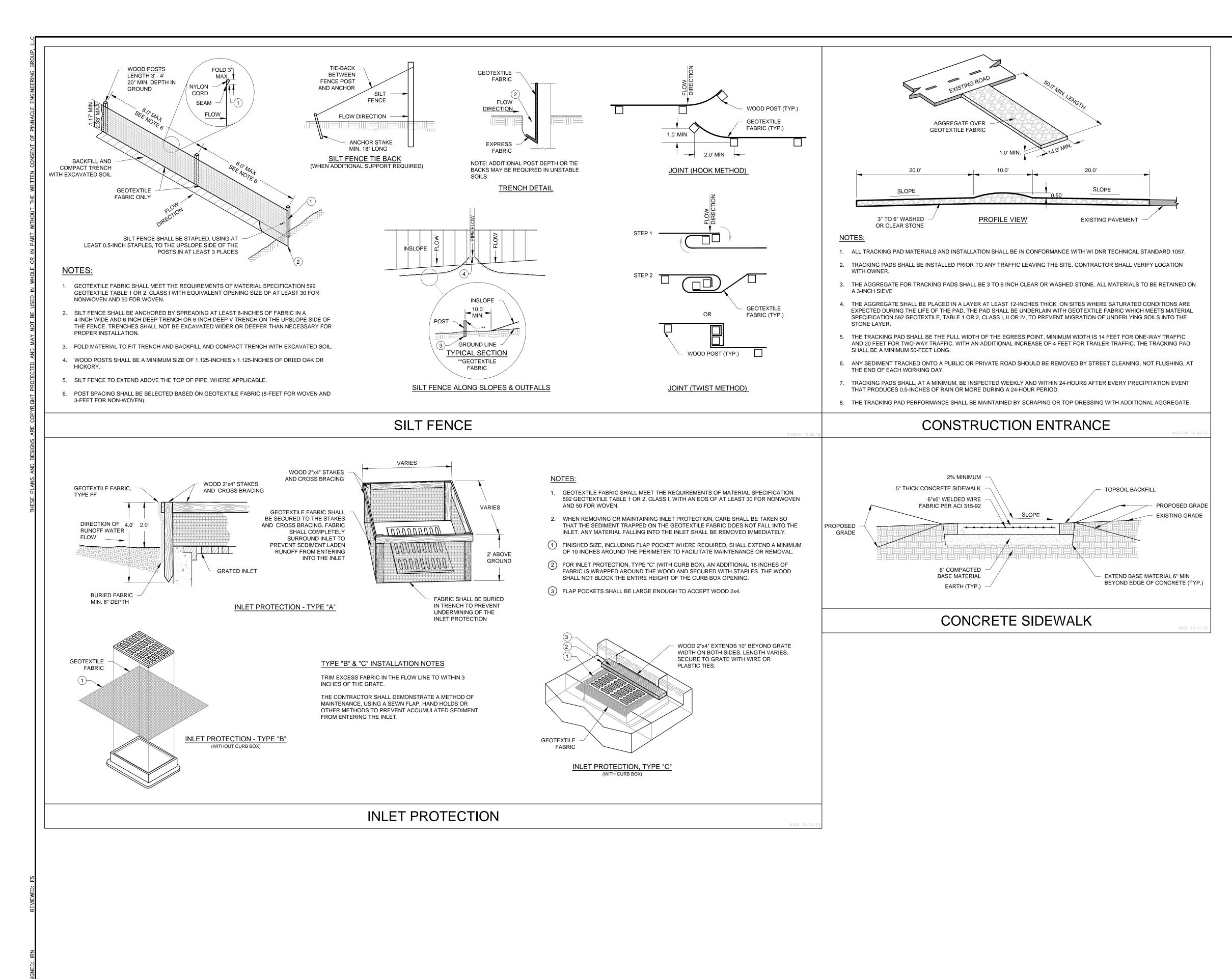
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3 PM FS
ART DATE 12-19-16
ALE

SHEET 9102 LH 9102 C E









PLAN I DESIGN I DELIVER

LINDEN GROVE **WAUKESHA, WI**

CONSTRUCTION DETAIL

REVISIONS

PINNACLE ENGINEERING GROUP

WISCONSIN OFFICE: 15850 W. BLUEMOUND ROAD