

OSLAD Recreational Improvements

AT

GREENE VALLEY FOREST PRESERVE

85127 Greene Rd, Naperville, IL 60540
PROJECT # Z-152-014

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	PRESERVE BOUNDARY		TREE TO BE REMOVED
	CONSTRUCTION LIMITS		ASPHALT REMOVAL - FULL DEPTH
	SITE BENCH MARK		ASPHALT REMOVAL - SURFACE COURSE
	DELINEATED WETLAND		CONCRETE REMOVAL
	WETLAND BUFFER		ITEM TO BE REMOVED
	EXISTING CONTOURS		CLEAR AND GRUB AREA
	10-YEAR FLOODPLAIN		PROPOSED CONTOURS
	100-YEAR FLOODPLAIN		GRADING LIMITS
	EDGE OF WATERWAY		PROPOSED ASPHALT
	EXISTING OVERHEAD WIRE & POLE		PROPOSED CONCRETE
	EXISTING WATER MAIN		PROPOSED ASPHALT SURFACE COURSE
	EXISTING COMMUNICATION LINE		PROPOSED WATER SERVICE
	EXISTING COM. PEDESTAL		PROPOSED ELECTRICAL UNDERGROUND
	EXISTING TREE (DBH" / TREE TAG #)		PROPOSED SANITARY LINE
	EXISTING EVERGREEN TREE		DRAINAGE FLOW
	EXISTING TREELINE		DRAINAGE BREAK
	CONSTRUCTION ACCESS		HIGH POINT
	STABILIZED CONSTRUCTION ACCESS		LOW POINT
	STAGING & STOCKPILE AREA		PROPOSED SPOT GRADE
	CONCRETE WASHOUT AREA		PROPOSED TREE
	PERIMETER EROSION BARRIER		IDOT 2A SEED MIX
	TEMPORARY CONSTRUCTION FENCE		TRI-TALL FESCUE SEED MIX
	CULVERT		BUFFER ENHANCEMENT SEED MIX
	INLET PROTECTION		WETLAND ENHANCEMENT SEED MIX
	OUTLET ENERGY DISSIPATION		SUBSURFACE DRAINAGE SEAM
	EROSION CONTROL BLANKET		
	TREE PROTECTION - BOARD		
	TREE PROTECTION - FENCE		
	ROOT PRUNING		

TC - TOP OF CURB
ME - MATCH EXISTING
BP - BEGINNING POINT
EP - END POINT
IP - INLET PROTECTION
GB STA - GRADE BREAK STATION

ABBREVIATIONS:
OED - OUTLET ENERGY DISSIPATION
PC - POINT OF CURVATURE
PRC - POINT OF REVERSE CURVE
PT - POINT OF TANGENCY
SBM - SITE BENCH MARK
R.S.C. - ROUGH SAWN CEDAR

CONTACT J.U.L.I.E. 48-HOURS BEFORE YOU DIG

CALL "811" OR 1-800-892-0123 TO PLACE A LOCATE REQUEST

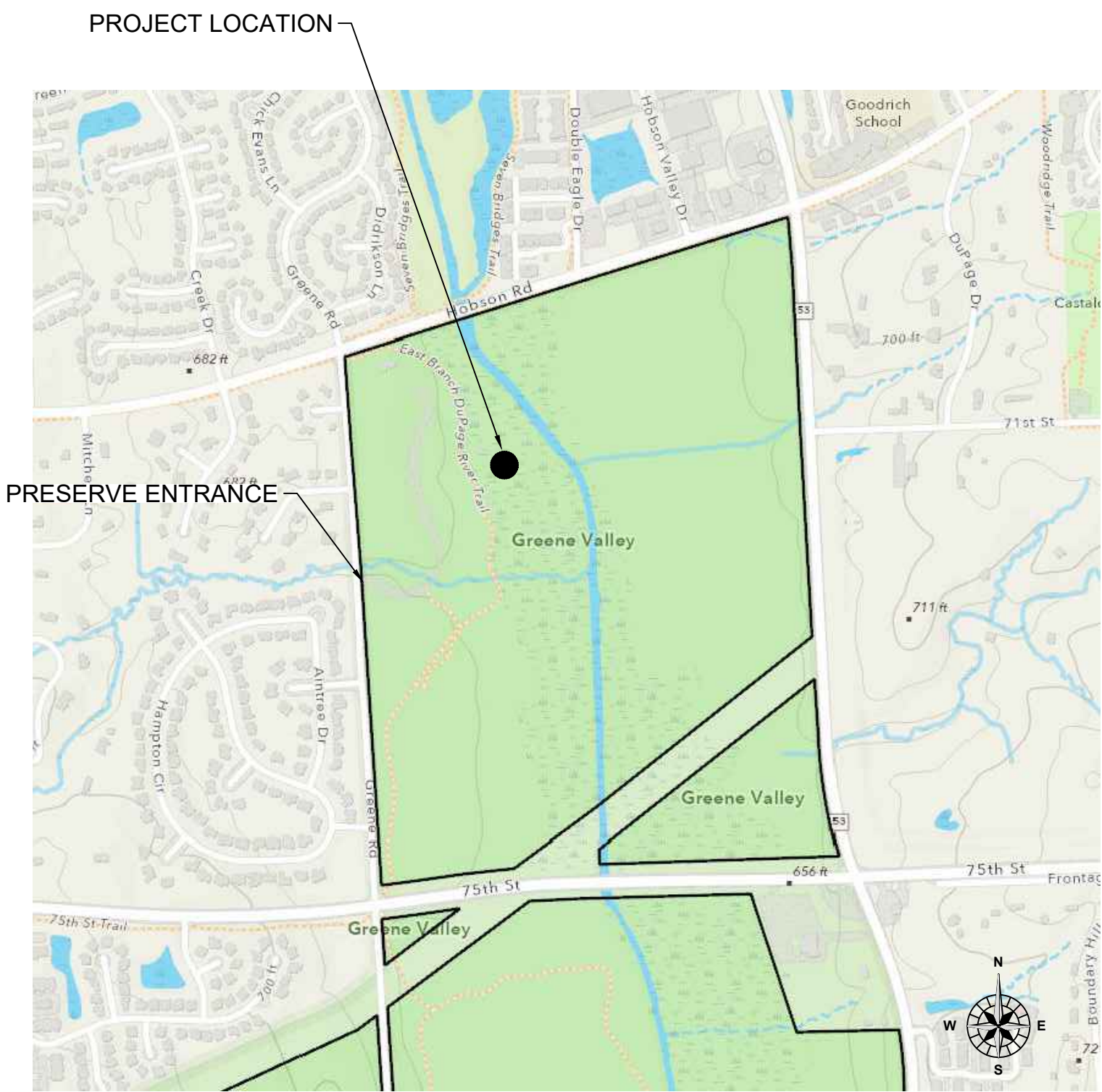
ILLINOIS ONE CALL SYSTEM

PROFESSIONAL ENGINEER
BROCK LOVELACE, P.E.

DATE

ILLINOIS REGISTRATION NO.
EXPIRATION DATE:

LOCATION MAP



BENCHMARK DATA

SITE BENCHMARK NO. 1:
CUT CROSS IN CURB AT SOUTHEAST CORNER OF HOBSON RD AND GREENE RD
ELEVATION = 675.25 (NAVD 88)

SITE BENCHMARK NO. 2:
MAG NAIL IN ASPHALT OF PARKING LOT
ELEVATION = 665.70 (NAVD 88)

PLANS PREPARED BY:
FOREST PRESERVE DISTRICT OF DUPAGE COUNTY
STREET ADDRESS: 35580 NAPERVILLE ROAD, WHEATON, IL 60189
MAILING ADDRESS: P.O. BOX 5000, WHEATON, IL 60189
PHONE: (630) 933-7200 FAX: (630) 933-7204
WWW.DUPAGEFOREST.ORG

PROFESSIONAL ENGINEER
MICHAEL WALDRON, P.E.

DATE

ILLINOIS REGISTRATION NO.
EXPIRATION DATE:

SHEET INDEX

Sheet Title	Sheet Name	Sheet Number
FPDDC - CIVIL		
COVER	COV1.0	1
GENERAL NOTES	COV1.1	2
SESC NOTES	SESC1.00	3
SWPPP NOTES	SWPPP1.0	4
IMPERVIOUS EXHIBIT	SWPPPP1.01	5
EXISTING CONDITIONS PLAN - OVERALL	EX1.0	6
EXISTING CONDITIONS PLANS	EX1.01 - EX1.05	7-11
DEMO AND EROSION CONTROL PLANS	D1.01 - D1.05	12-16
DEMO AND EROSION CONTROL DETAILS	D4.00 - D4.02	17-19
CIVIL SITE PLAN - OVERALL	C1.0	20
CIVIL LAYOUT PLANS	C1.01 - C1.06	21-26
CIVIL GRADING PLANS	C2.01 - C2.06	27-35
CROSS SECTIONS	C2.07 - C2.11	36-40
CIVIL - STRAND ASSOCIATES		
CIVIL UTILITY PLANS	C3.0 - C3.08	41-50
FPDDC - CIVIL		
CIVIL DETAILS	C4.0 - C4.06	51-57
LANDSCAPE PLANS	L1.01 - L1.06	58-63
MITIGATION PLANS	L1.07 - L1.09	64-66
LANDSCAPE DETAILS	L4.0	67
ROMTEC - ARCHITECTURAL		
PRE-ENGINEERED WASHROOM		68-107
ICON - ARCHITECTURAL		
PRE-ENGINEERED SHADE STRUCTURE		108-115
ICON - ARCHITECTURAL		
PRE-ENGINEERED PICNIC SHELTER		116-128

PLAN REVISIONS

PLAN DATE: 7-31-2026			
MARK	DATE	DESCRIPTION	SHEET NO.

PROFESSIONAL ENGINEER
ANDREW RUNDE, P.E.

DATE

ILLINOIS REGISTRATION NO.
EXPIRATION DATE:

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, CONTROLS AND CONDITIONS PRIOR TO BEGINNING CONSTRUCTION. CONTACT J.U.L.I.E. AT (1-800-892-0123) FOR UTILITY LOCATIONS PRIOR TO DIGGING. CONTACT THE FOREST PRESERVE DISTRICT OF DUPAGE COUNTY'S STRUCTURAL MAINTENANCE DIVISION FOR ADDITIONAL UTILITY LOCATIONS. ALL UTILITIES AND THEIR CONTROLS INTERFERING WITH CONSTRUCTION SHALL BE REMOVED AND RESET AT THE CONTRACTOR'S EXPENSE. ALL UTILITIES TO BE RELOCATED AND RESET SHALL BE INSTALLED OR RESTORED EQUAL TO OR BETTER THAN THEIR EXISTING CONDITION.
2. THE CONTRACTOR SHALL VISIT THE SITE AND BE KNOWLEDGEABLE OF CONDITIONS THEREON. THE CONTRACTOR SHALL INVESTIGATE, VERIFY, AND BE RESPONSIBLE FOR ALL CONDITIONS REQUIRING MODIFICATIONS BEFORE PROCEEDING WITH THE WORK.
3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH BY THE MOST CURRENT DUPAGE COUNTY BUILDING CODES, STORMWATER & FLOODPLAIN ORDINANCE AND ZONING ORDINANCE, THE STATE OF ILLINOIS ACCESSIBILITY CODE AND THE AMERICANS WITH DISABILITIES ACT, I.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND I.D.O.T. SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.
4. ALL STORM SEWER CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
5. THE CONTRACTOR SHALL COORDINATE USE OF SITE, ACCESS TO SITE & HOURS OF WORK WITH THE PROJECT REPRESENTATIVE.
6. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL JOB SITE SAFETY.
7. ALL PROJECT PERMITS SHALL BE OBTAINED BY THE OWNER, WITH EXCEPTION OF HIGHWAY PERMITS. ALL INSPECTION SHALL BE COORDINATED BY THE CONTRACTOR.
8. ALL WORK SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES, ORDINANCES AND LAWS.
9. THE CONTRACTOR SHALL KEEP THE PROJECT AREA CLEAR OF RUBBISH AND DEBRIS AT ALL TIMES.
10. THE CONTRACTOR IS RESPONSIBLE FOR THE RESTORATION OF ALL ACCESS AND CONSTRUCTION AREAS TO THEIR ORIGINAL CONDITION. THE COST OF THIS WORK IS INCIDENTAL TO THE CONTRACT.
11. THE CONTRACTOR SHALL NOTIFY THE DISTRICT ABOUT ANY DISCREPANCIES OR DEVIATIONS FROM THE PLANS IMMEDIATELY BEFORE WORK MAY PROCEED.
12. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGES TO THE TRAILS. TRAILS DAMAGED WILL BE REPAIRED TO THEIR ORIGINAL CONDITION. THE COST OF THE WORK IS INCIDENTAL TO THE CONTRACT.
13. ALL QUANTITIES SHOWN ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. THE CONTRACTOR MUST CONFIRM ALL MATERIAL AND SUPPLY SUFFICIENT MATERIAL TO COMPLETE THE JOB AS SHOWN. DIMENSIONS SHALL HAVE PREFERENCE OVER SCALE.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY SIGNS, BARRICADES, FENCES, ETC. AS REQUIRED TO ENSURE THE SAFETY OF VEHICLES AND PEDESTRIANS DURING ALL PHASES OF CONSTRUCTION. NO WORK WILL BE ALLOWED TO BEGIN UNTIL ALL CONSTRUCTION BARRIERS ARE IN PLACE AND HAVE BEEN APPROVED BY THE PROJECT REPRESENTATIVE.
15. ALL STOCKPILE AREAS IDENTIFIED ON THE PLANS MUST BE APPROVED BY THE PROJECT REPRESENTATIVE PRIOR TO CONSTRUCTION BEGINNING.
16. ALL CONSTRUCTION LAYOUT AND STAKING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE REVIEWED AND APPROVED BY THE PROJECT REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION.
17. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED ACCORDING TO THE PLANS AND SPECIFICATIONS AND SHALL BE REVIEWED AND APPROVED BY THE PROJECT REPRESENTATIVE PRIOR TO RESTORING DISTURBED AREA.
18. ALL TREES AND SHRUBS WITHIN THE CONTRACT LIMITS AND NOT SCHEDULED FOR REMOVAL SHALL BE PROTECTED BY THE CONTRACTOR. COST INCIDENTAL TO CONTRACT. ALL TREES SCHEDULED FOR REMOVAL MUST BE APPROVED BY THE PROJECT REPRESENTATIVE

UTILITY NOTES

1. THE APPROXIMATE LOCATIONS OF EXISTING UTILITIES ARE SHOWN ON THE DRAWINGS ACCORDING TO THE INFORMATION OBTAINED FROM UTILITY COMPANIES AND SURVEYS. HOWEVER, THE FOREST PRESERVE DISTRICT OF DUPAGE COUNTY DOES NOT GUARANTEE THE COMPLETENESS OR ACCURACY OF THE INFORMATION REGARDING UTILITIES, EITHER PUBLIC OR PRIVATE SUCH AS SEWERS, GAS LINES, WATERMANS, TELEPHONE, ELECTRICAL DUCT LINES, MANHOLES, CATCH BASINS OR OTHER SIMILAR STRUCTURES. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UTILITIES THAT MAY INTERFERE WITH CONSTRUCTION OPERATIONS AND REPORT TO THE OWNER'S REPRESENTATIVE. OMISSIONS AND DIFFERENCES FROM THE LOCATIONS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH ARE OCCASIONED BY HIS/HER FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.
2. ALL EXISTING DRAINS, SEWERS, WATER LINES, ELECTRIC LINES OR OTHER MISCELLANEOUS UTILITIES DISRUPTED BY THE CONTRACTOR, SHALL BE REROUTED OR REPLACED TO THE SATISFACTION OF THE OWNER. COST INCIDENTAL TO CONTRACT.

SITE LAYOUT NOTES

1. EXISTING SITE INFORMATION SUPPLIED BY WEBSTER, McGRATH & AHLBERG, INC., 207 SOUTH NAPERVILLE ROAD, WHEATON, IL 60187; PHONE: (630) 668-7603., ALL QUANTITIES AND DESIGN BASED UPON SAME.
2. LAYOUT BENCHMARK STATIONING TIES IN WITH COUNTY COORDINATE DATUM. NORTHING & EASTING COORDINATES ARE PROVIDED FOR BENCHMARKS AS INDICATED IN THE DRAWINGS.
3. ALL LAYOUT TO BE DONE BY THE CONTRACTOR AND MUST BE REVIEWED AND APPROVED BY THE PROJECT REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION.
4. PROPOSED TRAIL CENTERLINE GRADE SHALL BE STAKED AND REVIEWED IN THE FIELD BY THE PROJECT REPRESENTATIVE. ADJUSTMENTS MAY BE MADE BASED UPON SLIGHT VARIATIONS IN EXISTING TOPOGRAPHY TO MAINTAIN POSITIVE DRAINAGE. NO WORK SHALL SHALL PROCEED UNTIL CENTERLINE GRADES ARE ACCEPTABLE TO THE ENGINEER.
5. LAYOUT OF ALL NEW PATHWAYS AND CURBS SHALL BE SMOOTH AND CONTINUOUS. ABRUPT CHANGES TO SLOPE OR ALIGNMENT WILL NOT BE ACCEPTED. PROJECT REPRESENTATIVE WILL REVIEW STAKED LAYOUT AND FORMWORK BEFORE CONSTRUCTION BEGINS.

EROSION CONTROL

1. ALL SEDIMENT AND EROSION CONTROL DEVICES AND MEASURES SHALL BE INSTALLED AND FUNCTIONAL BEFORE THE SITE IS OTHERWISE DISTURBED. ALL RUNOFF FROM DISTURBED AREAS SHALL BE FILTERED BY THE SPECIFIED EROSION CONTROL BARRIER. IN ADDITION TO THE EROSION CONTROL BARRIER, DISTURBED AREAS DRAINING MORE THAN ONE ACRE BUT FEWER THAN FIVE ACRES SHALL INCORPORATE A TEMPORARY SEDIMENT TRAP AT THE OUTFALL AND DISTURBED AREAS DRAINING MORE THAN FIVE ACRES SHALL INCORPORATE A TEMPORARY SEDIMENT BASIN AT THE OUTFALL.

2. EROSION CONTROL DEVICES TO CONFORM TO SECTION 280 OF THE IDOT STANDARDS SPECIFICATIONS AND TO IDOT STANDARD DRAWING 280001-2, MUST BE INSTALLED PRIOR TO EXCAVATION AND GRADING AND MUST BE MAINTAINED UNTIL THE SITE IS STABILIZED WITH VEGETATION.
3. TREE PROTECTION FENCE AND SILT FENCE IS SHOWN SCHEMATICALLY. CONTRACTOR SHALL INSTALL FENCING IN ACCORDANCE WITH ACTUAL IMPROVEMENTS, BUT SHALL NOT NEGATIVELY IMPACT EXISTING TREES OTHER THAN AS SHOWN ON THESE PLANS. ACTUAL LOCATION OF FENCING TO BE APPROVED BY THE PROJECT REPRESENTATIVE.
4. THE CONTRACTOR SHALL PLACE ALL TEMPORARY CONSTRUCTION FENCING, TREE PROTECTION FENCING, SILT FENCING AND PERFORM ALL TREE ROOT PRUNING PRIOR TO THE START OF CONSTRUCTION.
5. ABSOLUTELY NO STOCKPILES OF TOPSOIL OR OTHER MATERIALS SHALL BE LOCATED WITHIN ANY SWALES, WETLANDS, FLOODPLAIN AREAS, OR OTHER SPECIAL MANAGEMENT AREAS AS SHOWN IN THE PLANS.
6. EROSION CONTROL MEASURES SHALL BE PROVIDED FOR THE TOPSOIL STOCKPILE IF IN PLACE MORE THAN THREE DAYS, THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS.
7. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN 14 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
8. ALL SLOPES REQUIRING EROSION CONTROL BLANKET SHALL BE BLANKETED WITH MATERIALS MEETING THE SPECIFICATIONS OF TENSAR NORTH AMERICAN GREEN BIONET S75BN, UNLESS OTHERWISE NOTED. THE BLANKET SHALL BE SECURED USING BIODEGRADABLE ECOSTAKES, AND MUST BE APPROVED BY THE PROJECT REPRESENTATIVE PRIOR TO INSTALLATION.
9. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO EQUAL OR BETTER CONDITION.
10. THE CONTRACTOR IS ADVISED THAT SOIL, MUD AND CONSTRUCTION DEBRIS SHALL NOT BE DEPOSITED ON THE ADJACENT ROADWAYS. ANY DIRT AND DEBRIS ACCUMULATED ON THE PAVEMENT MUST BE CLEARED BY THE CONTRACTOR WITHIN FOUR (4) HOURS OF THE INCIDENT AND CONTRACTOR SHALL PROVIDE A WASH-DOWN FACILITY FOR ALL CONSTRUCTION VEHICLES LEAVING THE SITE. COST INCIDENT TO CONTRACT.
11. ALL FLARED END SECTIONS SHALL BE PROTECTED BY EROSION CONTROL BARRIER UNTIL GROUNDCOVER HAS BEEN ESTABLISHED. FILTER FABRIC OR FILTER BASKETS SHALL BE INSTALLED UNDER ALL INLET AND CATCH BASIN GRATES AND SHALL BE MAINTAINED UNTIL GROUNDCOVER HAS BEEN ESTABLISHED.
12. WATER PUMPED FROM THE SITE SHALL BE FILTERED THROUGH THE USE OF A SILT BAG ON THE END OF THE DISCHARGE HOSE.
13. A SPECIFIC AREA SHALL BE DESIGNATED AS A CONCRETE WASH LOCATION AND SHALL BE SURROUNDED BY SILT FENCE.
14. VEHICULAR ACCESS TO THE SITE SHALL BE RESTRICTED TO A TEMPORARY GRAVEL CONSTRUCTION ENTRANCE. THE TEMPORARY CONSTRUCTION ENTRANCE SHALL BE INSTALLED BEFORE THE START OF CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL RESTORATION IS COMPLETED.
15. SEED WITH MULCH OR EROSION CONTROL BLANKET, OR SOD, SHALL BE PLACED ON ALL DISTURBED AREAS WITHIN 14 DAYS OF THE TOPSOIL PLACEMENT AND FINAL GRADING. EROSION CONTROL BARRIER SHALL REMAIN IN PLACE UNTIL A HEALTHY STAND OF GRASS HAS BEEN ESTABLISHED.

KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) NOTES:

1. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.
2. THE KDSWCD MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
3. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
4. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE KDSWCD.
5. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.
6. DURING DEWATERING OPERATION, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO FIELD TILES OR STORMWATER STRUCTURES IS PROHIBITED.
7. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.

DEMOLITION NOTES

1. ALL REMOVAL OR EXCAVATION ITEMS BEING DISPOSED OF AT AN UNCONTAMINATED SOIL FILL OPERATION OR CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CDD) FILL SITE SHALL MEET THE REQUIREMENTS OF PUBLIC ACT 96-1416. ALL COSTS ASSOCIATED WITH MEETING THESE REQUIREMENTS SHALL BE INCLUDED IN THE UNIT PRICE COST FOR THE ASSOCIATED REMOVAL OR EXCAVATION ITEMS IN THE CONTRACT. THESE COSTS SHALL INCLUDE BUT ARE NOT LIMITED TO ALL REQUIRED TESTING, LAB ANALYSIS, CERTIFICATION BY A LICENSED PROFESSIONAL ENGINEER, AND STATE AND LOCAL TIPPING FEES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MARKING ALL ITEMS TO BE SALVAGED OR REMOVED AS IDENTIFIED ON THE PLANS PRIOR TO CONSTRUCTION BEGINNING. THE PROJECT REPRESENTATIVE SHALL APPROVE ALL ITEMS TO BE SALVAGED OR REMOVED PRIOR TO DEMOLITION OCCURRING.
3. THE CONTRACTOR SHALL NOT DISPOSE OF ANY CONSTRUCTION DEBRIS WITHIN ANY FPDDC DUMPSTER, WASTE RECEPTACLE, OR PROPERTY. THE CONTRACTOR SHALL LEGALLY DISPOSE OF ALL CONSTRUCTION DEBRIS OFF-SITE AT HIS/HER EXPENSE. ALL DEMOLITION & REMOVAL SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
4. ALL ITEMS TO BE SALVAGED AND REUSED SHALL BE PROTECTED AT ALL TIMES. SALVAGED ITEMS MUST BE INSTALLED AND RESTORED EQUAL TO OR BETTER THAN THEIR EXISTING CONDITION. ALL ADJACENT PAVEMENTS, STRUCTURES AND UTILITIES SHALL ALSO BE PROTECTED. ALL LANDSCAPE, PAVEMENTS, STRUCTURES, AND UTILITIES DAMAGED DURING THE COURSE OF CONSTRUCTION SHALL BE RESTORED TO THEIR EXISTING CONDITIONS AT THE CONTRACTOR'S EXPENSE.
5. STRUCTURES, SIDEWALKS, PAVEMENTS AND OTHER UTILITIES TO REMAIN SHALL BE PROTECTED FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUTS AND OTHER HAZARDS CREATED BY SITE IMPROVEMENT OPERATIONS.

6. ALL EXISTING VEGETATION SHALL BE MOWED TO BARE GRADE IN ALL AREAS OF WORK. THE COST OF THIS WORK IS INCIDENTAL TO THE CONTRACT.
7. ALL TREES TO BE REMOVED SHALL BE APPROVED BY THE PROJECT REPRESENTATIVE OR AN AUTHORIZED AGENT OF THE DISTRICT IN THE FIELD PRIOR TO REMOVAL.
8. TREE PROTECTION FENCE AND EROSION CONTROL BARRIER SHALL ACT AS THE LIMITS OF CONSTRUCTION. ABSOLUTELY NO WORK SHALL TAKE PLACE OUTSIDE THIS AREA UNLESS APPROVED BY THE DISTRICT OR THE PROJECT REPRESENTATIVE.

GRADING NOTES

1. ALL PROPOSED ELEVATIONS SHOWN ON THE PLANS ARE FINISHED SURFACE ELEVATIONS, UNLESS OTHERWISE SPECIFIED.
2. CONTRACTOR SHALL MATCH THE LINE AND GRADE OF EXISTING PAVEMENTS AND CURB. CONTRACTOR SHALL ALERT PROJECT REPRESENTATIVE OF ANY SUBSTANTIAL DEVIATIONS.
3. EXCAVATED SOIL SHALL BE DEPOSITED IN THE DESIGNATED STOCKPILE AREA.
4. STOCKPILED SPOILS TO REMAIN FREE OF EXCESSIVE COMPACTION AND INORGANIC DEBRIS, GRADED TO AN EVEN SLOPE NOT TO EXCEED 20% AND SHALL BE OVERLAID WITH A MINIMUM OF 6" TOPSOIL.
5. CONTRACTOR SHALL ADJUST ANY UTILITY STRUCTURE WITHIN THE SITE TO MEET PROPOSED GRADE, UNLESS OTHERWISE NOTED.
6. MAINTAIN PRESENT GRADE AT BASE OF ALL EXISTING TREES TO REMAIN IN PLACE. USE TREE PROTECTION BARRICADES AT DRIPLINES WHERE INDICATED, SEE DEMOLITION & EROSION CONTROL SHEETS. PROTECT EXISTING TREES TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING OR SKINNING OF ROOTS, BRUISING OF BARK OR SMOTHERING OF TREES. DRIVING, PARKING, DUMPING, STOCKPILING AND/OR STORAGE OF VEHICLES, EQUIPMENT, SUPPLIES, MATERIALS OR DEBRIS ON TOP OF THE ROOT ZONES AND/OR WITHIN THE DRIPLINE OF EXISTING TREES OR OTHER PLANT MATERIAL TO REMAIN IN PLACE IS STRICTLY PROHIBITED.

RESTORATION SEEDING NOTES

1. ALL LAYOUT OF RESTORATION SEEDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE REVIEWED AND APPROVED BY THE PROJECT REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION.
2. ALL DISTURBED AREAS WITHIN NATIVE RESTORATION LIMITS DURING CONSTRUCTION SHALL BE RESTORED WITH 6" TOPSOIL AND SPECIFIED SEEDING. PROJECT REPRESENTATIVE MUST APPROVE ALL AREAS PRIOR TO BEING SEEDED.
3. THE BOTTOM OF ALL DETENTION, INFILTRATION OR OTHER BASINS SHALL BE COVERED WITH A MINIMUM OF 18" OF TOPSOIL, AMENDED SOILS, OR OTHER SPECIFIED PLANTING MEDIUM.
4. ALL SEED MUST BE DELIVERED TO THE PROJECT SITE WITH ORIGINAL TAGS OR LABELS FROM THE ORIGINAL NURSERY SUPPLIER. SEED DELIVERED TO THE JOBSITE WITHOUT APPROPRIATE TAGS OR LABELS WILL BE REJECTED. SEED LABELS MUST BE REVIEWED AND APPROVED BY PROJECT REPRESENTATIVE PRIOR TO BEING SEEDED.
5. THE PROJECT REPRESENTATIVE MUST BE NOTIFIED 48 HOURS IN ADVANCE OF DELIVERY OF ALL SEED.
6. ALL SEEDING SPECIFICATIONS SHALL FOLLOW SECTION 250 OF IDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION CURRENT EDITION UNLESS NOTED OTHERWISE IN SPECIAL PROVISIONS OR BELOW.
7. ALL PROPOSED SEEDING AREAS NOT DISTURBED BY EXCAVATION ACTIVITIES SHALL BE PREPARED BY MOWING, HERBICIDING, TILING & FINE GRADING PRIOR TO SEEDING. THE HERBICIDE, WHICH IS NON-TOXIC TO ANIMAL AND AQUATIC LIFE, SHALL BE APPLIED BY A CERTIFIED AND LICENSED PESTICIDE APPLICATOR, WHO SHALL APPLY THE HERBICIDE BY THE APPROPRIATE METHOD, TO PREVENT KILLING OF DESIRABLE NATIVE SPECIES.
8. THE COVER CROP MATRIX WILL BE SEEDED AND MATTED WITH 100% BIODEGRADABLE SOIL EROSION CONTROL BLANKET, SECURED WITH BIODEGRADABLE ECOSTAKES, THROUGHOUT THE STORMWATER DETENTION AREAS AND TEMPORARY IMPACT AREAS IMMEDIATELY AFTER PROJECT COMPLETION TO PREVENT EROSION. ALL SEEDING SHALL BE HAND BROADCAST AT TWICE THE DRILL SEED RATE. IF CONDITIONS ARE NOT CONDUCIVE FOR NATIVE SPECIES SEEDING, PERMANENT NATIVE SPECIES SHALL BE DORMANT SEEDED, OR SEEDED DURING THE FIRST AVAILABLE GROWING SEASON AT THE APPROPRIATE TIME AND CONDITIONS FOR SUCH PLANTINGS. THE SEED WILL BE LIGHTLY RAKED IN, ROLLED, AND WATERED.
9. SEE LANDSCAPE DETAILS SHEET FOR ALL PLANTING DETAILS, SEED MIXES AND PLANT SCHEDULES.

LANDSCAPE NOTES

1. ALL LAYOUT OF LANDSCAPE ITEMS (PLANTING BEDS, WOODY SPECIES, PERENNIALS, SEEDING LIMITS, AND ETC.) SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE REVIEWED AND APPROVED BY THE PROJECT REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION.
2. ALL PLANTS MUST BE DELIVERED TO THE PROJECT SITE WITH ORIGINAL TAGS OR LABELS FROM THE ORIGINAL NURSERY SUPPLIER. PLANTS DELIVERED TO THE JOBSITE WITHOUT APPROPRIATE SIZING AND SPECIES INFORMATION WILL BE REJECTED.
3. ALL DISTURBED AREAS WITHIN TURF SEEDING LIMITS SHALL BE RESTORED WITH 4" TOPSOIL AND SEEDING WITH MULCH METHOD 2, "PROCEDURE 2", UNLESS NOTED OTHERWISE OR DIRECTED BY THE DISTRICT OR AN AUTHORIZED AGENT OF THE DISTRICT.
4. ALL SEEDING SPECIFICATIONS SHALL FOLLOW SECTION 250 OF IDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION CURRENT EDITION UNLESS NOTED OTHERWISE IN SPECIAL PROVISIONS OR BELOW.
5. THE PROJECT REPRESENTATIVE MUST BE NOTIFIED 48 HOURS IN ADVANCE OF DELIVERY OF ALL PLANTING MATERIALS AND MUST APPROVE ALL PLANTS PRIOR TO BEING UNLOADED.
6. ALL PLANTS SHALL MEET OR EXCEED THE CURRENT AMERICAN NURSERYMAN AND LANDSCAPE ASSOCIATION STANDARDS AND BE TRUE TO FORM AND SIZE AS REPRESENTATIVE OF ITS SPECIES.
7. ALL PLANTING BED AREAS SHALL HAVE AT LEAST TWELVE INCHES (12") OF CLEAN UN-COMPACTED TOPSOIL. GRADED PORTIONS OF THE PLANTING AREAS THAT DO NOT EXPOSE SUITABLE PLANTING MEDIUMS SHALL BE OVER EXCAVATED TO RE-SPREAD WITH 12 IN. OF TOPSOIL. THE SUBSOIL SHALL BE LOOSENED AND TOPSOIL APPLIED TO MINIMIZE COMPACTION. ALL CLUMPS, STONES AND DEBRIS SHALL BE REMOVED AND DISPOSED OF LEGALLY OFF-SITE. THE TOP 2 IN. OF THE SOIL SHALL BE RAKED PRIOR TO SEEDING WITHIN THE PLANTING AREAS.
8. ALL TREES AND SHRUBS LESS THAN 6" CALIPER AND CONSIDERED UNDESIRABLE BY DETERMINATION OF PROJECT REPRESENTATIVE SHALL BE REMOVED WITHIN THE GRADED AREA OF PROPERTY. ALL STUMPS SHALL BE TREATED WITH HERBICIDE, WHICH IS NON-TOXIC TO ANIMAL AND AQUATIC LIFE, BY A CERTIFIED AND LICENSED PESTICIDE APPLICATOR, WHO SHALL APPLY THE HERBICIDE BY THE APPROPRIATE METHOD, TO PREVENT KILLING OF DESIRABLE NATIVE SPECIES.

OWNER: STREET ADDRESS:
3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS:
P.O. BOX 5000
WHEATON, IL 60189-5000

CONTACT NUMBERS:
PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599

85127 GREENE RD, NAPERVILLE, IL 60540

MARK:	DATE:	DESCRIPTION:
1	7/31/2026	Issue For Bid

PROJECT NO: Z-152-014
DRAWN BY:
CHECKED BY:
DATE: 7/17/2026
SCALE:

SHEET TITLE:
GENERAL NOTES

SHEET NO:
COV 1.01
SHEET 2 of 128

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REQUIREMENTS FOR IN-STREAM CONSTRUCTION ACTIVITIES:

DEPARTMENT OF THE ARMY PERMIT
PERMITTEE: FOREST PRESERVE DISTRICT OF DUPAGE COUNTY
APPLICATION: LRC-2026-00290
ISSUING OFFICE: U.S. ARMY CORPS OF ENGINEERS, CHICAGO DISTRICT
DATE: TBD

PROJECT DESCRIPTION: CONSTRUCTION OF ASPHALT TRAIL AND CONCRETE KAYAK LAUNCH AT THE EAST
BRANCH DUPAGE RIVER

WORK TO BE ISOLATED FROM FLOWING WATER:

WORK TO BE ISOLATED FROM FLOWING WATER USING COFFER DAMS, FLOATING SILT CURTAINS, TEMPORARY
CONSTRUCTION MATTING, AND OTHER MEANS AND METHODS SELECTED BY THE CONTRACTOR AND APPROVED
BY ALL REGULATORY AGENCIES HAVING JURISDICTION OVER SUCH MATTERS.

THIS PROJECT REQUIRES A U.S. ARMY CORPS OF ENGINEERS 404 PERMIT THAT WILL BE SECURED BY FPDDC. AS
A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE
OWNER FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE
USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND
LABOR NECESSARY TO COMPLY WITH THE PROVISIONS AND PREPARE AND IMPLEMENT AN IN-STREAM WORK
PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT AND NO
ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) SHALL BE CONTACTED FOR A REVIEW
OF THE PROPOSED IN-STREAM WORK PLAN WHICH MUST BE APPROVED BY THE AGENCY PRIOR TO THE
COMMENCEMENT OF WORK. THE PLAN SHALL MEET THE EROSION AND SEDIMENT CONTROL STANDARDS LISTED
BELOW AND INCLUDE MEANS AND METHODS FOR COMPLETING WORK WITHIN A WATERWAY. ALL COFFERDAMS
SHALL CONSTRUCTED TO ALLOW THE PASSAGE OF HIGH FLOWS, MAINTAIN DOWNSTREAM FLOWS, AND
WITHSTAND ANTICIPATED EROSION FORCES. COFFERDAMS SHALL BE DESIGNED AND INSTALLED SO AS NOT TO
IMPEDE THE MOVEMENT OF AQUATIC ORGANISMS.

THE FOLLOWING DEFINITIONS APPLY TO THESE NOTES:

COFFERDAM: A TEMPORARY STRUCTURE WITHIN A WATERWAY OR BODY OF WATER DESIGNED TO PROVIDE A
FRY WORK AREA FOR TEMPORARY CONSTRUCTION ACTIVITIES AND TO CONTAIN DISTURBED SOIL AND/OR
SUSPENDED SEDIMENTS.

IN-STREAM WORK AREA: WORK OCCURRING AT OR BELOW THE ORDINARY HIGH WATER MARK (OHWM) OF A
WATERWAY OR THE NORMAL WATER LEVEL (NWL) OF ABUTTING WETLANDS, INCLUDING ADJACENT UPLANDS.

DEWATERING: THE REMOVAL OF WATER WITH THE PURPOSE OF CREATING A DRY WORK FOR TEMPORARY
CONSTRUCTION ACTIVITIES.

WORK WITHIN A WATERWAY MUST MEET THE FOLLOWING STANDARDS:

1. WORK THE WATERWAY SHOULD BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS. LOW
FLOW CONDITIONS ARE FLOW AT OR BELOW THE NORMAL WATER LEVEL.
2. THE PLAN WILL BE DESIGNED TO ALLOW FOR THE CONVEYANCE OF THE 2-YEAR PEAK FLOW PAST THE
WORK AREA WITHOUT OVERTOPPING THE COFFERDAM. THE CORPS HAS THE DISCRETION TO REDUCE THIS
REQUIREMENT IF DOCUMENTED BY THE APPLICANT TO BE INFEASIBLE OR UNNECESSARY.
3. WATER SHALL BE ISOLATED FOR THE IN-STREAM WORK AREA USING A COFFERDAM CONSTRUCTED OF
NON-ERODIBLE MATERIALS (STEEL SHEETS, RIP RAP AND GEOTEXTILE LINER, ETC.) EARTHEN
COFFERDAMS ARE NOT PERMISSIBLE.
4. THE COFFERDAM MUST BE CONSTRUCTED FROM THE UPLAND AREA AND NO EQUIPMENT MAY ENTER
FLOWING WATER AT ANY TIME. IF THE INSTALLATION OF THE COFFERDAM CANNOT BE COMPLETED FROM
SHORE AND ACCESS IS NEEDED TO REACH THE AREA TO BE COFFERED, ENSURE THAT EQUIPMENT DOES
NOT ENTER THE WATER. ONCE THE COFFERDAM IS IN PLACE AND THE ISOLATED AREA IS DEWATERED,
EQUIPMENT MAY ENTER THE COFFERED AREA TO PERFORM THE REQUIRED WORK.
5. IF BYPASS PUMPING IS NECESSARY, THE INTAKE HOSE SHALL BE PLACED ON A STABLE SURFACE OR
FLOATED TO PREVENT SEDIMENT FROM ENTERING THE HOSE. THE BYPASS DISCHARGE SHALL BE PLACED
ON A NON-ERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE STREAM FLOW AND SHALL
NOT CAUSE EROSION. FILTERING OF BYPASS WATER IS NOT NECESSARY UNLESS THE BYPASS WATER BAD
BECOME SEDIMENT-LADEN AS A RESULT OF THE CURRENT CONSTRUCTION ACTIVITIES.
6. DURING DEWATERING OF THE COFFERED WORK AREA, ALL SEDIMENT-LADEN WATER MUST BE FILTERED
TO REMOVE SEDIMENT. POSSIBLE OPTIONS FOR SEDIMENT REMOVAL INCLUDE BAFFLE SYSTEMS, ANIONIC
POLYMERS SYSTEMS, DEWATERING BAGS, OR OTHER APPROPRIATE METHODS. WATER SHALL HAVE
SEDIMENT REMOVED PRIOR TO BEING RE-INTRODUCED TO THE DOWNSTREAM WATERWAY. A STABILIZED
CONVEYANCE FROM THE DEWATERING DEVICE TO THE WATERWAY MUST BE IDENTIFIED IN THE PLAN.
DISCHARGE WATER IS CONSIDERED CLEAN IF IT DOES NOT RESULT IN VISUALLY IDENTIFIABLE
DEGRADATION OF WATER QUALITY.
7. THE AREA FROM THE TOE TO THE TOP OF THE SIDE SLOPE SHALL BE TEMPORARILY STABILIZED DURING
CONSTRUCTION TO REDUCE THE POTENTIAL FOR EROSION. ALL AREAS DISTURBED DUE TO
CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO PROPOSED CONDITIONS AND FULLY STABILIZED
PRIOR TO ACCEPTING FLOWS.

REQUIREMENTS FOR IMPLEMENTING AND MAINTAINING OIL EROSION AND SEDIMENT CONTROL:

1. PERMIT AUTHORIZATION IS CONTINGENT UPON IMPLEMENTING AND MAINTAINING SOIL EROSION AND
SEDIMENT CONTROLS IN A SERVICEABLE CONDITION THROUGHOUT THE DURATION OF THE PROJECT. YOU
SHALL COMPLY WITH THE SWCD WRITTEN AND VERBAL RECOMMENDATIONS REGARDING THE SOIL
EROSION AND SEDIMENT CONTROL (SESC) PLAN AND THE INSTALLATION AND MAINTENANCE
REQUIREMENTS OF THE SESC PRACTICES ON-SITE.
 - 1.1. YOU SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE SWCD TO DISCUSS THE SESC PLAN
AND THE INSTALLATION AND MAINTENANCE REQUIREMENTS OF THE SESC PRACTICES ON THE SITE.
2. YOU SHALL NOTIFY THE SWCD OF ANY CHANGES OF MODIFICATIONS TO THE APPROVED PLAN SET.
FIELD CONDITIONS DURING PROJECT CONSTRUCTION MAY REQUIRE THE IMPLEMENTATION OF
ADDITIONAL SESC MEASURES. IF YOU FAIL TO IMPLEMENT CORRECTIVE MEASURES, SWCD MAY
REQUIRE MORE FREQUENT SITE INSPECTIONS TO ENSURE THE INSTALLED SESC MEASURES ARE
ACCEPTABLE.
2. ALL PROPOSED IN-STREAM WORK PLANS SHALL BE SUBMITTED TO THE KDSWCD BY THE CONTRACTOR
FOR APPROVAL PRIOR TO INSTALLATION. ALL WATERS FROM DEWATERED AREAS SHALL BE FILTERED FOR
SEDIMENT.
3. IF CONSTRUCTION ACTIVITY IS TO TAKE PLACE IN-STREAM, A COFFERDAM MAY BE REQUIRED SO THAT
WORK IS PERFORMED IN THE DRY AREA. SEE REQUIREMENTS FOR IN-STREAM CONSTRUCTION ACTIVITIES.
4. NO EXCAVATION OF THE STREAM BED CAN TAKE PLACE IN FLOWING WATER WITHOUT APPROVAL. SEE
REQUIREMENTS FOR IN-STREAM CONSTRUCTION ACTIVITIES.
5. FLOATING SILT CURTAIN TO BE USED IN AREAS OF ACTIVE WATERWAY BANK CLEARING AND GRUBBING.
6. FLOATING SILT BOOMS SHALL NOT BE INSTALLED ACROSS THE WIDTH OF THE WATERWAY AT ANY TIME.
7. COFFERDAMS CAN BE PARTIAL COFFERDAMS THAT WOULD EXTEND PARTIALLY ACROSS THE WATERWAY
TO PROTECT AN AREA ALONG THE BANK. IN SOME CASES, COFFERDAMS CAN BE INSTALLED TO ISOLATE
SMALLER SECTIONS OF A LARGER LINEAR WORK AREA AND THEN MOVED TO A NEW SECTION ONCE WORK
IS COMPLETED.
8. CONTRACTOR SHALL ALLOW KDSWCD, ILLINOIS DEPARTMENT OF NATURAL RESOURCES (IDNR), USACE,
IEPA OR DISTRICT REPRESENTATIVE THE RIGHT TO CONDUCT ON-SITE INVESTIGATIONS THROUGHOUT ALL
ACTIVE CONSTRUCTION PHASES TO DETERMINE WHETHER ALL NECESSARY EROSION CONTROL
PRACTICES HAVE BEEN INSTALLED AND ARE FUNCTIONING PROPERLY.
9. TEMPORARY CONSTRUCTION ROAD CROSSING PLANS SHALL BE PROVIDED BY THE CONTRACTOR TO THE
ENGINEER SEVEN (7) DAYS PRIOR TO THE INITIATION OF WORK.
10. GENERAL:
 - 10.1. PRIOR TO LAND DISTURBING ACTIVITIES, THE CONTRACTOR MUST ATTEND AN ON-SITE
PRE-CONSTRUCTION MEETING TO REVIEW SOIL EROSION AND SEDIMENT CONTROL REQUIREMENTS.
 - 10.2. THE CONTRACTOR SHALL PREPARE THEIR OWN SOIL EROSION AND SEDIMENT CONTROL SEQUENCING,
MEANS AND METHODS. THE CONTRACTOR SHALL PROVIDE SOIL EROSION AND SEDIMENT CONTROL
MEASURES AS NECESSARY AT ALL TIMES TO ENSURE COMPLIANCE WITH ALL LOCAL, COUNTY, STATE,
AND FEDERAL POLLUTION CONTROL REGULATIONS. THE WORK SHALL NOT BE CONSTRUED AS
COMPLIANT IF THE ENGINEER DOES NOT DIRECT THE CONTRACTOR TO PROVIDE ADDITIONAL
MEASURES. COMPLIANCE SHALL BE DETERMINED SOLELY BY THE REGULATORY AGENCIES
RESPONSIBLE FOR ENFORCEMENT OF ANY SUCH REGULATIONS.
 - 10.3. CONTRACTOR'S MEANS, METHODS, AND SEQUENCING OF VEGETATION REMOVAL, DEMOLITION,
EARTHWORK, IN-STREAM WORK AND OTHER LAND DISTURBING ACTIVITIES SHALL BE SUCH AS TO
MINIMIZE SOIL EROSION AND SEDIMENTATION.
 - 10.4. FILLS SHALL BE PLACED AND COMPACTED IN SUCH A MANNER THAT SLIDING AND EROSION IN
MINIMIZED.
 - 10.5. ALL WORK SHALL BE CONDUCTED IN SUCH A MANNER SO AS NOT TO DIVERT WATER OUTSIDE OF THE
PROJECT LIMITS, INCLUDING ADJOINING PROPERTY, WITHOUT WRITTEN AUTHORIZATION FROM THE
ENGINEER.
 - 10.6. THE CONTRACTOR SHALL MAINTAIN ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL
MEASURES IN GOOD WORKING ORDER THROUGHOUT THE DURATION OF THE WORK UNTIL SUCH TIME
AS PERMANENT STABILIZATION HAS BEEN ACHIEVED. CONTRACTOR SHALL REMOVE ANY
ACCUMULATED SEDIMENT AND PROPERLY DISPOSE OF SAME PRIOR TO REMOVING THE TEMPORARY
SOIL EROSION AND SEDIMENT CONTROL MEASURES.
 - 10.7. ALL VARIATIONS FROM THE SOIL EROSION AND SEDIMENT CONTROL PLANS SHALL BE IN COMPLIANCE
WITH THE ILLINOIS URBAN MANUAL, ALL APPLICABLE REGULATIONS AND SUBJECT TO REVIEW BY
KDSWCD.

KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) STANDARD NOTES:

UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL
PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SEPCIFICATIONS IN THE LATEST
VERSION OF THE ILLINOIS URBAN MANUAL.

KDSWCD MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO
THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES AND ONE WEEK PRIOR TO THE FINAL INSPECTION.

A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL
TIMES.

PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS
(INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE
AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE
KDSWCD.

THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES
NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.

DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS.
DEWATERING DIRECTLY INTO FIELD TILES OR STORMWATER STRUCTURES IS PROHIBITED.

IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY
PERFORM WORK ON THE PROJECT. OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE
EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT
REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.

ILLINOIS DEPARTMENT OF NATURAL RESOURCES-OFFICE OF WATER RESOURCES (IDNR-OWR) STANDARD NOTES:

1. IN-STREAM WORK NOTES:
 - 1.1. EARTHEN COFFERDAMS OR OTHER PRACTICES THAT WOULD RESULT IN A RELEASE OF SEDIMENT INTO
WATERS OF THE U.S. ARE NOT AUTHORIZED FOR USE. COFFERDAMS SHALL BE CONSTRUCTED OF
NON-ERODIBLE MATERIALS. ACCEPTABLE PRACTICES INCLUDE, BUT ARE NOT LIMITED TO,
PRE-FABRICATED RIGID COFFERDAMS, SHEET PILING, INFLATABLE BLADDERS, SANDBAGS, AND
FABRIC-LINED BASINS.
2. EROSION CONTROL SEQUENCE
 - 2.1. ESTABLISH TEMPORARY PERIMETER, SEDIMENT AND EROSION CONTROL MEASURES PRIOR TO
EARTHWORK.
 - 2.2. INSTALL AND MAINTAIN INLET AND PIPE PROTECTION AROUND EACH OPEN LID DRAINAGE STRUCTURE
OR FLARED END SECTION OF EXISTING DRAINAGE STRUCTURES TO REMAIN AND AFTER
CONSTRUCTION OF PROPOSED DRAINAGE STRUCTURES.
 - 2.3. INSTALL AND MAINTAIN DITCH CHECKS IN PROPOSED DITCHES AS REQUIRED AFTER DITCH GRADING IS
COMPLETE.
 - 2.4. COMPLETE ON-SITE EARTHWORK AND REMOVE SEDIMENT FROM PERIMETER FENCING.
 - 2.5. INSTALL PERMANENT LANDSCAPING WITH EROSION CONTROL BLANKETS OR OTHER STABILIZATION
MEASURES.
 - 2.6. UPON ESTABLISHMENTS OF PERMANENT VEGETATION, REMOVE ALL TEMPORARY EROSION CONTROL
AND SEDIMENT CONTROL MEASURES.
 - 2.7. FILE NOTICE OF TERMINATION AS PROVIDED IN THE SWPPP.

OWNER: STREET ADDRESS:
3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761
MAILING ADDRESS:
P.O. BOX 5000
WHEATON, IL 60189-5000
CONTACT NUMBERS:
PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599

85127 GREENE RD, NAPERVILLE, IL 60540

MARK:	DATE:	DESCRIPTION:
1	7/31/2026	Issue For Bid

PROJECT NO:	Z-152-014
DRAWN BY:	
CHECKED BY:	
DATE:	7/17/2026
SCALE:	

SHEET TITLE:

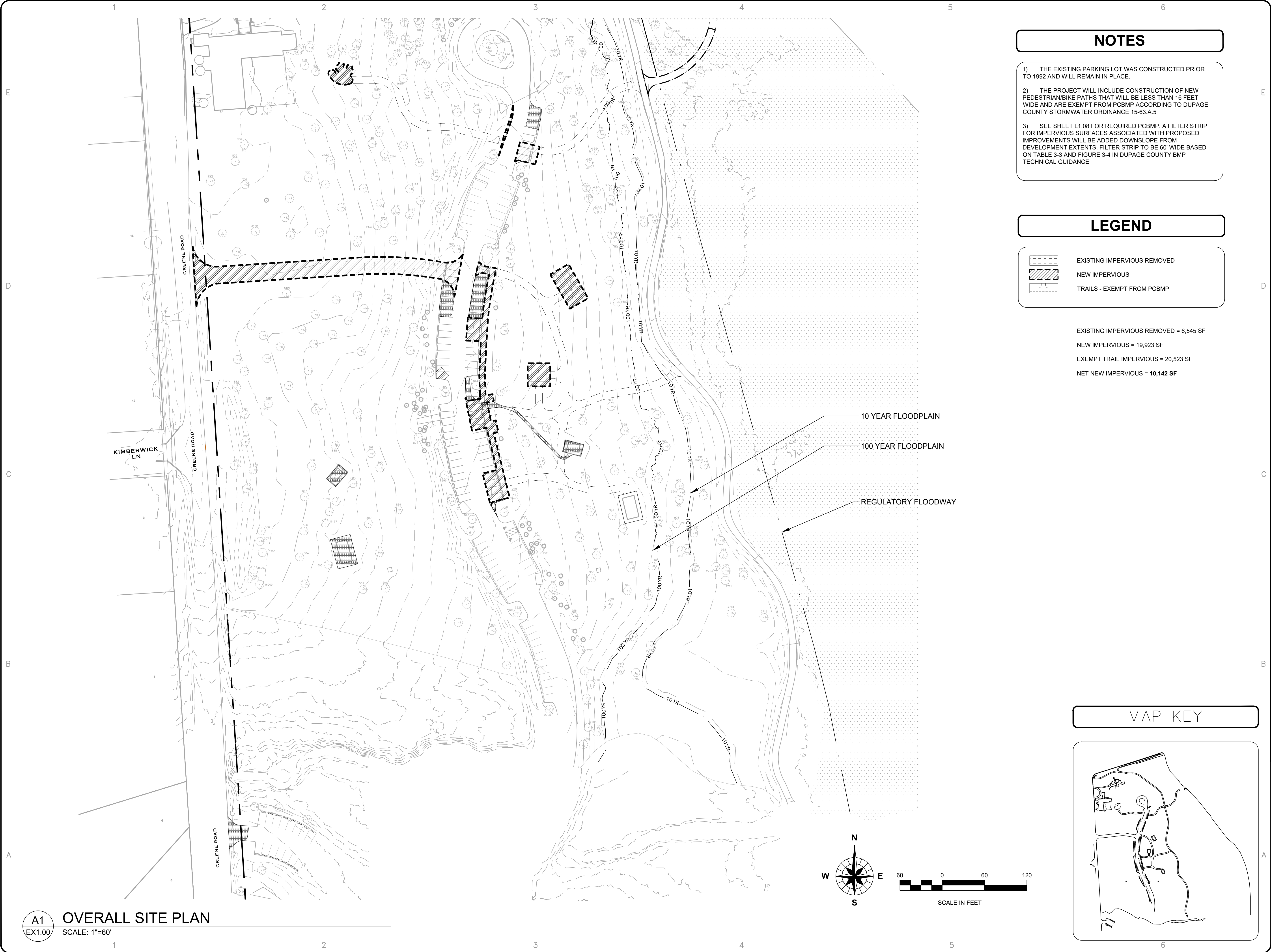
SESC NOTES

SHEET NO:

SESC 1.00

SHEET 3 of 128

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NOTES

- 1) THE EXISTING PARKING LOT WAS CONSTRUCTED PRIOR TO 1992 AND WILL REMAIN IN PLACE.
- 2) THE PROJECT WILL INCLUDE CONSTRUCTION OF NEW PEDESTRIAN/BIKE PATHS THAT WILL BE LESS THAN 16 FEET WIDE AND ARE EXEMPT FROM PCBMP ACCORDING TO DUPAGE COUNTY STORMWATER ORDINANCE 15-63.A.5
- 3) SEE SHEET L1.08 FOR REQUIRED PCBMP. A FILTER STRIP FOR IMPERVIOUS SURFACES ASSOCIATED WITH PROPOSED IMPROVEMENTS WILL BE ADDED DOWNSLOPE FROM DEVELOPMENT EXTENTS. FILTER STRIP TO BE 60' WIDE BASED ON TABLE 3-3 AND FIGURE 3-4 IN DUPAGE COUNTY BMP TECHNICAL GUIDANCE

LEGEND

- EXISTING IMPERVIOUS REMOVED
- NEW IMPERVIOUS
- TRAILS - EXEMPT FROM PCBMP

EXISTING IMPERVIOUS REMOVED = 6,545 SF
NEW IMPERVIOUS = 19,923 SF
EXEMPT TRAIL IMPERVIOUS = 20,523 SF
NET NEW IMPERVIOUS = 10,142 SF

MAP KEY



OWNER: STREET ADDRESS: 3 S 580 NAPERVILLE ROAD WHEATON, IL 60189-8761
MAILING ADDRESS: P.O. BOX 5000 WHEATON, IL 60189-5000
CONTACT NUMBERS: PH# 630-933-7200 FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599

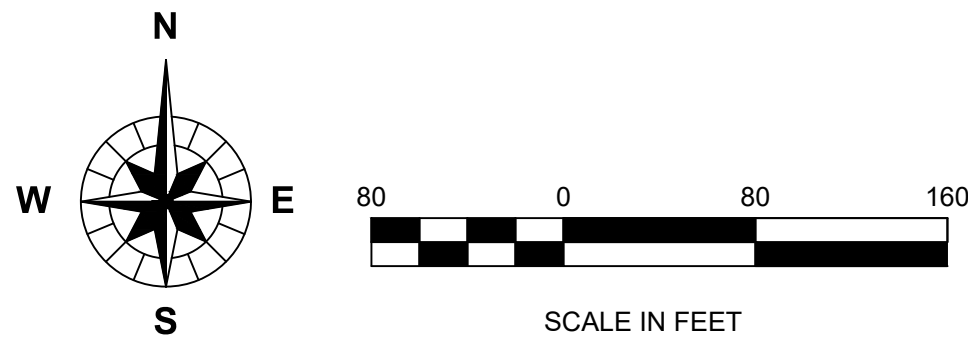
8S127 GREENE RD, NAPERVILLE, IL 60540

MARK:	DATE:	DESCRIPTION:
1	7/31/2026	Issue For Bid

PROJECT NO:	Z-152-014
DRAWN BY:	
CHECKED BY:	
DATE:	7/17/2026
SCALE:	

SHEET TITLE:
IMPERVIOUS
EXHIBIT

SHEET NO:
SWPPP1.01
SHEET 5 of 128



1. EXISTING SITE INFORMATION SUPPLIED BY:

WEBSTER, McGRATH & AHLBERG, INC.
207 SOUTH NAPERVILLE ROAD
WHEATON, IL 60187
PHONE: (630) 668-7603
2. SITE BENCHMARK INFORMATION (NAVD88)

SITE BENCHMARK NO.1
CUT CROSS IN CONCRETE CURB AT SOUTHEAST CORNER
OF HOBSON ROAD AND GREENE ROAD

ELEVATION = 675.25 NAVD88

SITE BENCHMARK NO.2
MAG NAIL IN ASPHALT PARKING LOT OF GREENE VALLEY
FOREST PRESERVE PICNIC AREA, IN HANDICAP
ACCESSIBLE PARKING SPACE STRIPING

ELEVATION = 663.35 NAVD88
3. ADDITIONAL CONTOURS OUTSIDE PROJECT LIMITS PROVIDED
BY 1 FT CONTOUR SURVEY DATA FROM DUPAGE COUNTY
LIDAR

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599
88127 GREENE RD, NAPERVILLE, IL 60540

SHEET NO:
EX 1.00
SHEET 6 of 128

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A1 **EXISTING CONDITIONS PLAN**
 EX1.00 SCALE: 1"=80'

OWNER: STREET ADDRESS:
3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761
MAILING ADDRESS:
P.O. BOX 5000
WHEATON, IL 60189-5000
CONTACT NUMBERS:
PH# 630-933-7200
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GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599
85127 GREENE RD, NAPERVILLE, IL 60540

PH#:

FAX#

SUBCONSULTANT:

PH#:

FAX#

CONSULTANT:

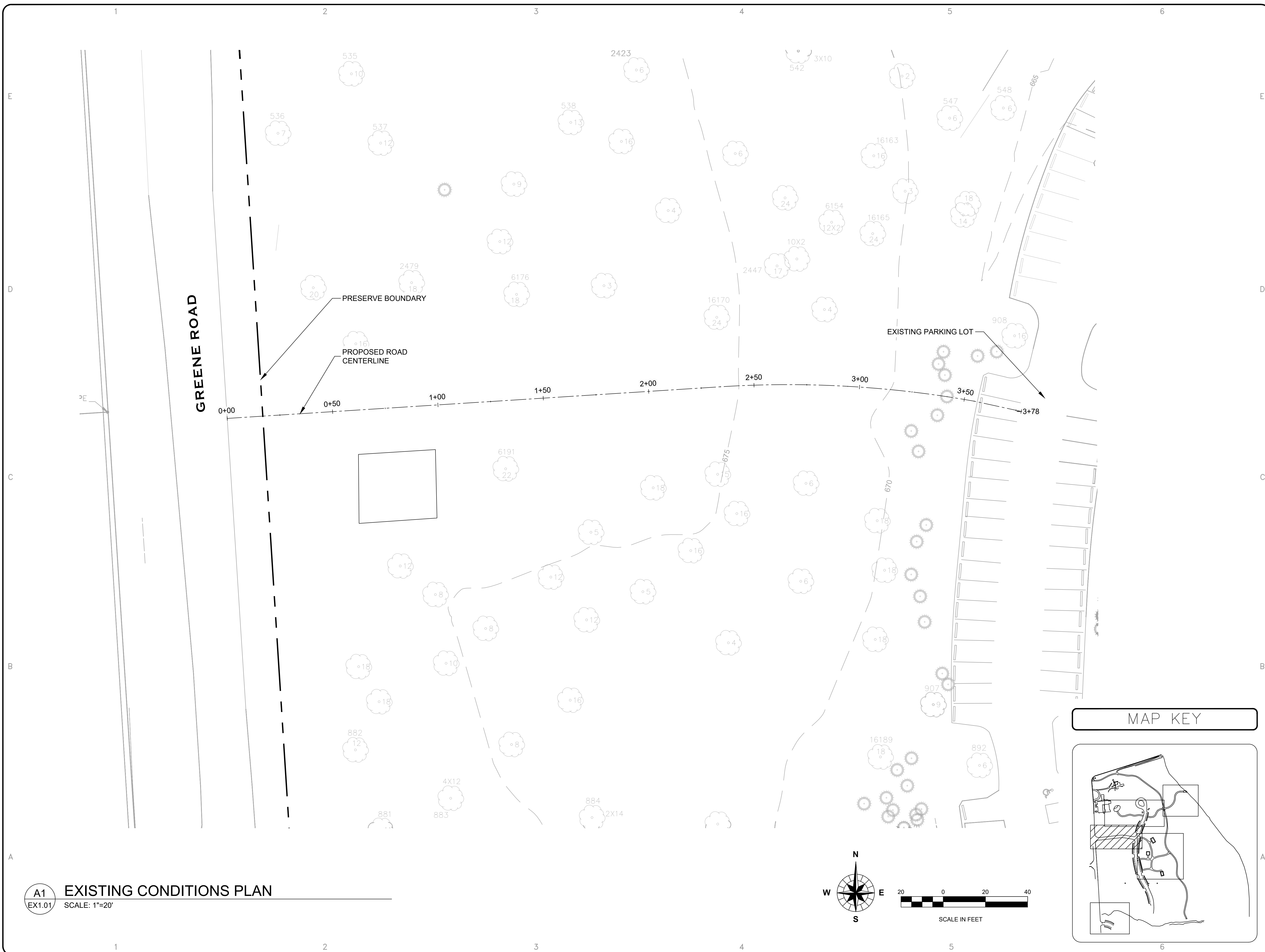
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1	7/31/2026	Issue For Bid

PROJECT NO:	Z-152-014
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DATE:	7/17/2026
SCALE:	

SHEET TITLE:
**EXISTING
CONDITIONS**

SHEET NO:
EX 1.01
SHEET 7 of 128

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EX1.01
EXISTING CONDITIONS PLAN
SCALE: 1"=20'

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599
85127 GREENE RD, NAPERVILLE, IL 60540

PH#: FAX#
SUBCONSULTANT:
CONSULTANT: PH#: FAX#

MARK:	DATE:	DESCRIPTION:
1	7/31/2026	Issue For Bid

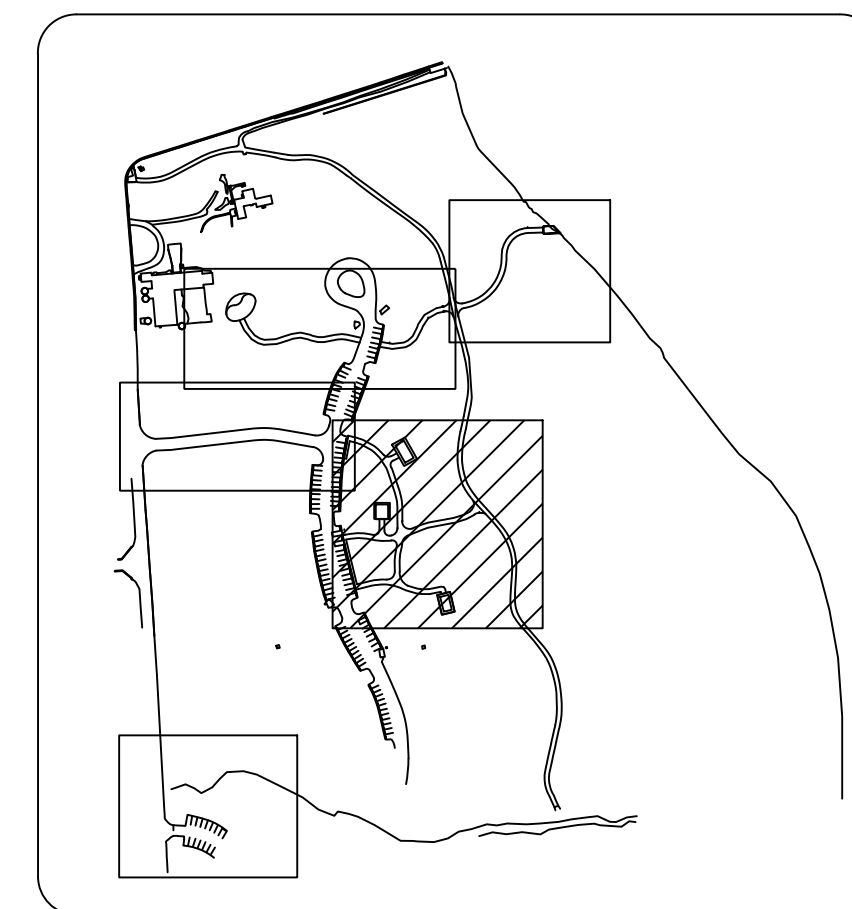
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DRAWN BY:
CHECKED BY:
DATE: 7/17/2026
SCALE:

SHEET TITLE:
**EXISTING
CONDITIONS**

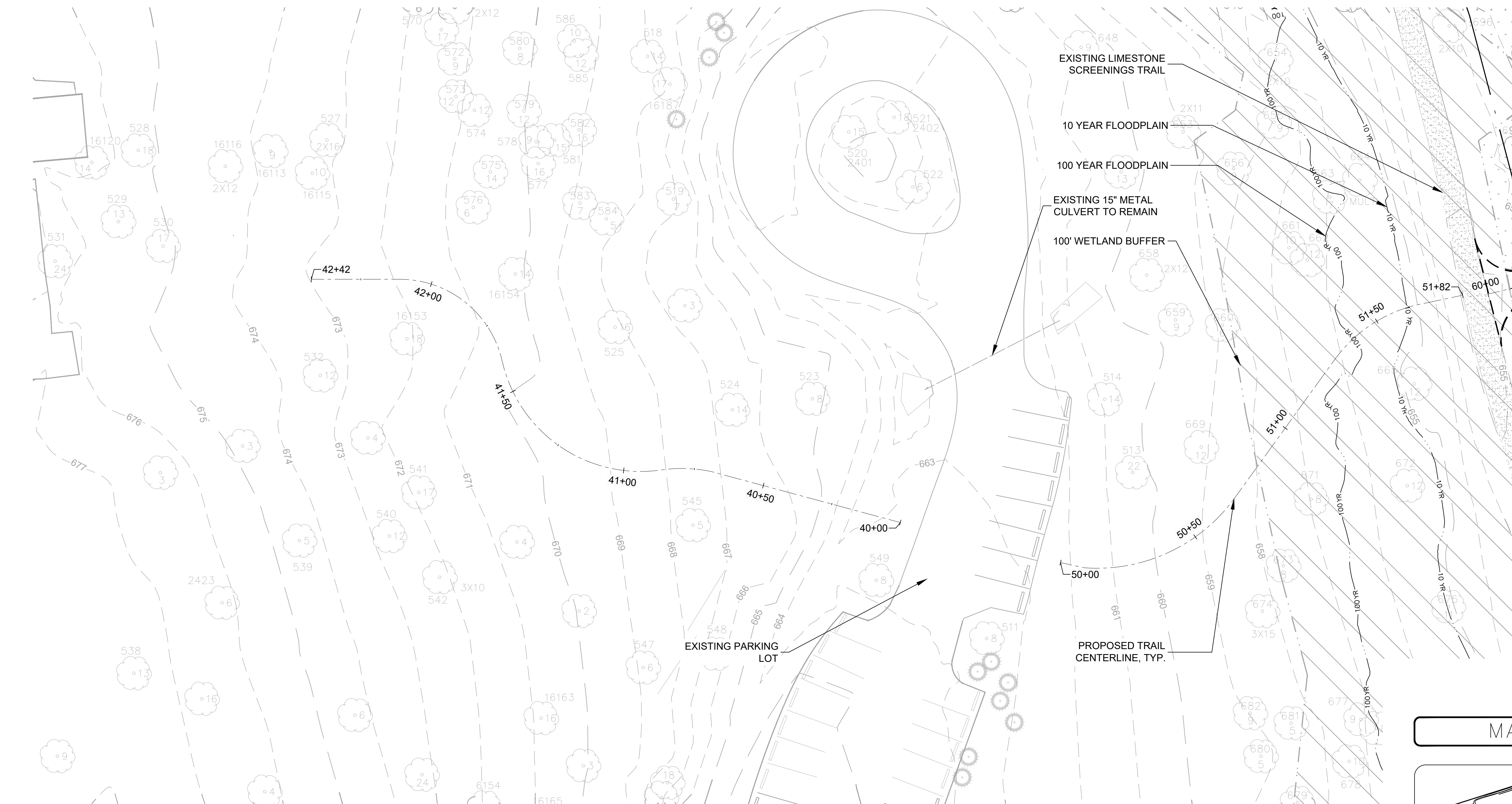
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EX 1.02
SHEET 8 of 128



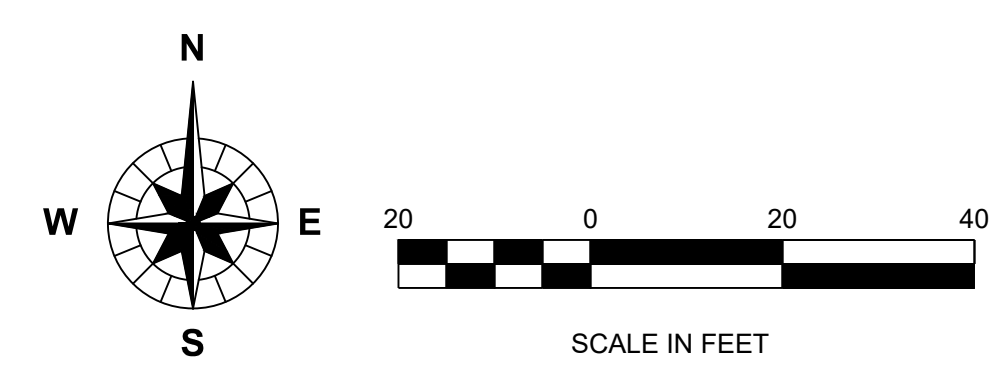
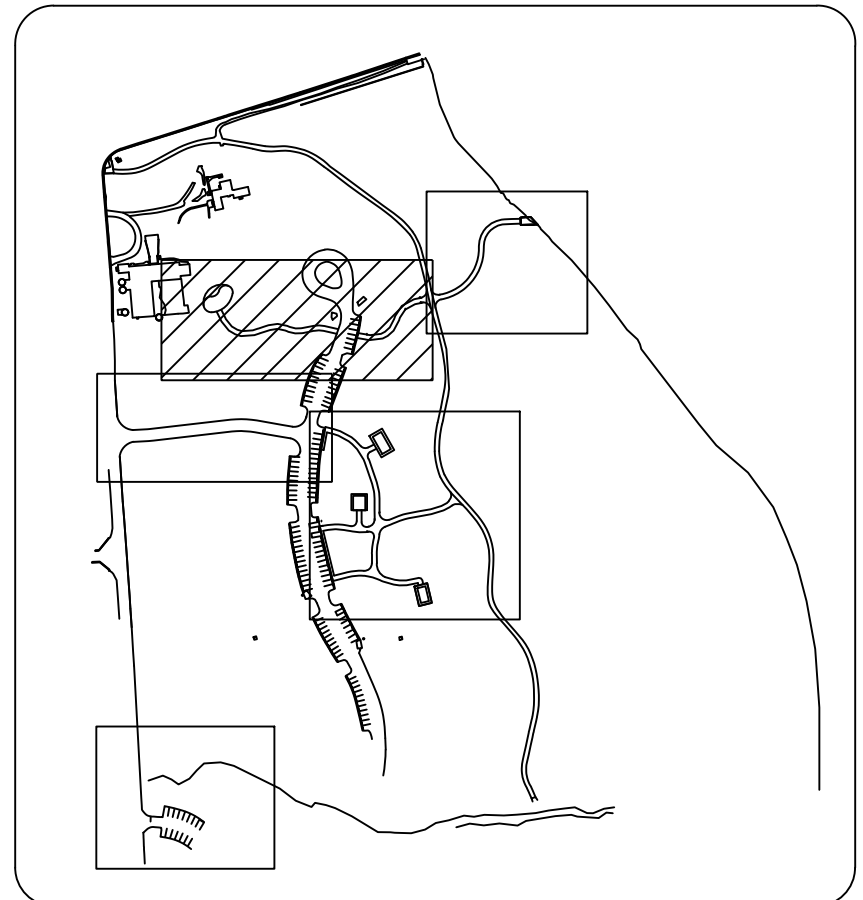
MAP KEY



A1 EXISTING CONDITIONS PLAN
EX1.02 SCALE: 1"=20'



MAP KEY



A1 EXISTING CONDITIONS PLAN
EX1.03 SCALE: 1"=20'

8S127 GREENE RD, NAPERVILLE, IL 60540

PH#:[illegible]

SUBCONSULTANT:

PH#:[illegible][illegible]

PROJECT NO:	Z-152-014
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SCALE:	

EXISTING CONDITIONS

SHEET NO:

EX 1.05

SHEET 11 of 128

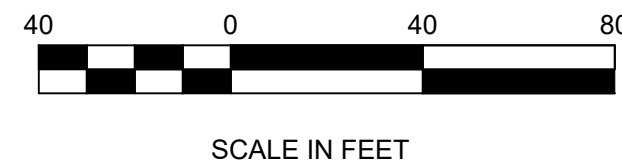


EXISTING PARKING
LOT

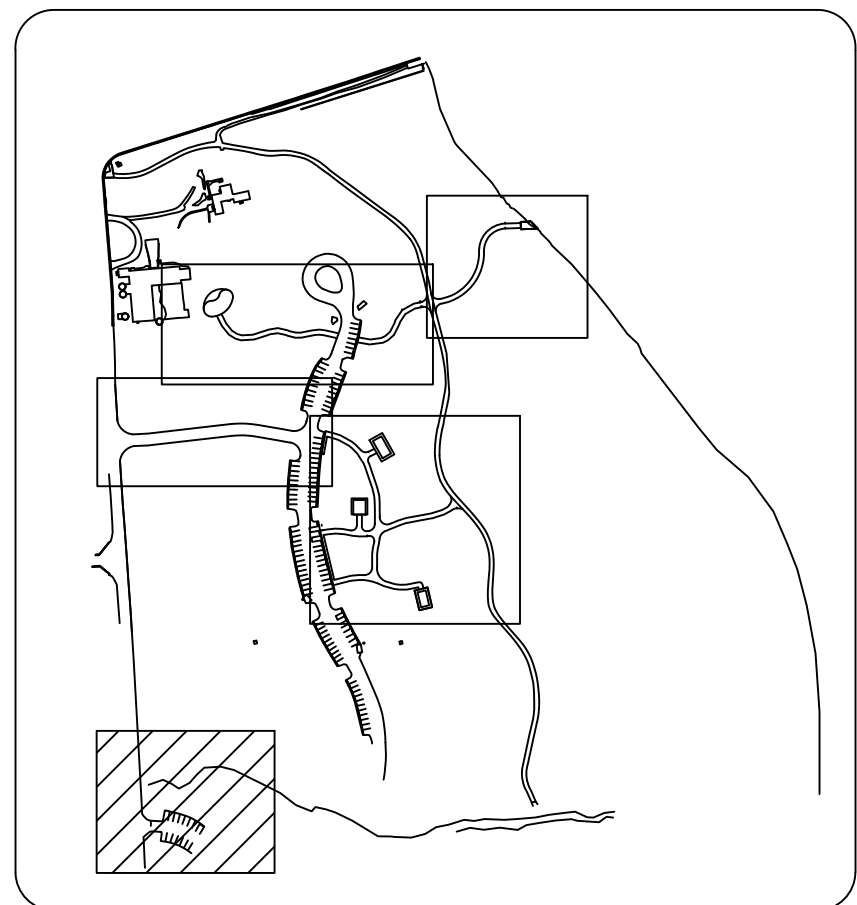
MUNICIPAL UTILITY
HAND HOLE

EXISTING FOREST
PRESERVE TITLE SIGN

— PRESERVE BOUNDARY

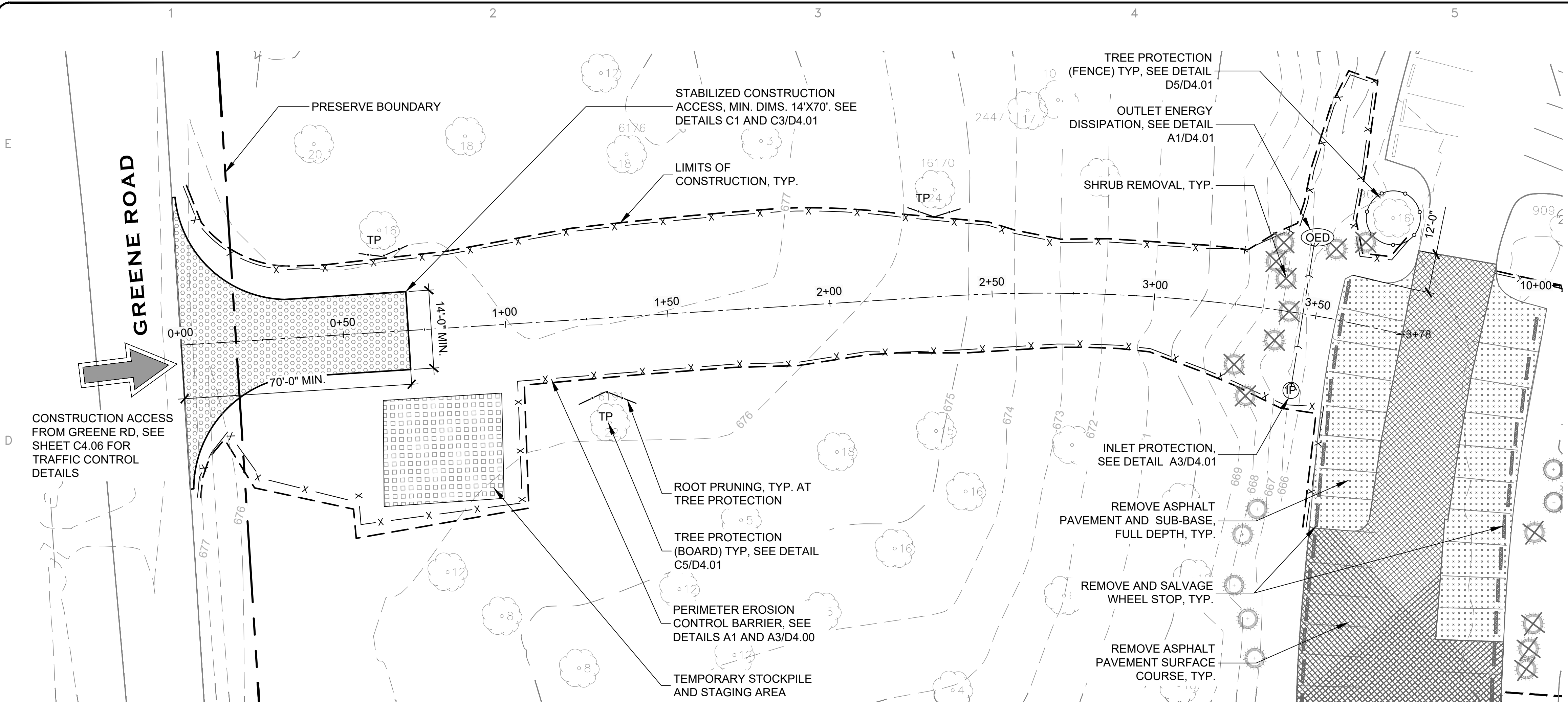


MAP KEY



A1 EXISTING CONDITIONS PLAN

SCALE: 1"=20'



- NOTES
- DEMO AND EROSION CONTROL
1. EROSION CONTROL BARRIER SHALL BE PLACED AT THE LIMITS OF SOIL DISTURBANCE OR A MINIMUM OF ONE (1) FOOT OUTSIDE THE WETLAND, WATERS AND BUFFER AREAS.

2. PERIMETER EROSION BARRIER SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF SITE WORK.

3. WHERE A DUAL ROW OF EROSION CONTROL BARRIER HAS BEEN SPECIFIED ON THE PLANS, THE CONTRACTOR SHALL INSTALL A ROW OF ORANGE CONSTRUCTION FENCE OR ONE OF THE ROWS OF EROSION CONTROL BARRIER/FENCE SHALL BE OF HIGH VISIBILITY MATERIAL.

4. LOCATION OF STABILIZED CONSTRUCTION ENTRANCE, CONSTRUCTION ACCESS, AND APPROVED BY PROJECT REPRESENTATIVE PRIOR TO CONSTRUCTION.

5. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS ACCORDING TO SPECIFICATIONS PROVIDED BY PROJECT REPRESENTATIVE.

6. EROSION CONTROL BLANKET SHALL BE INSTALLED WHERE INDICATED, IMMEDIATELY AFTER SEEDING. ALL OTHER AREAS WILL BE MULCHING METHOD TYPE 3A.

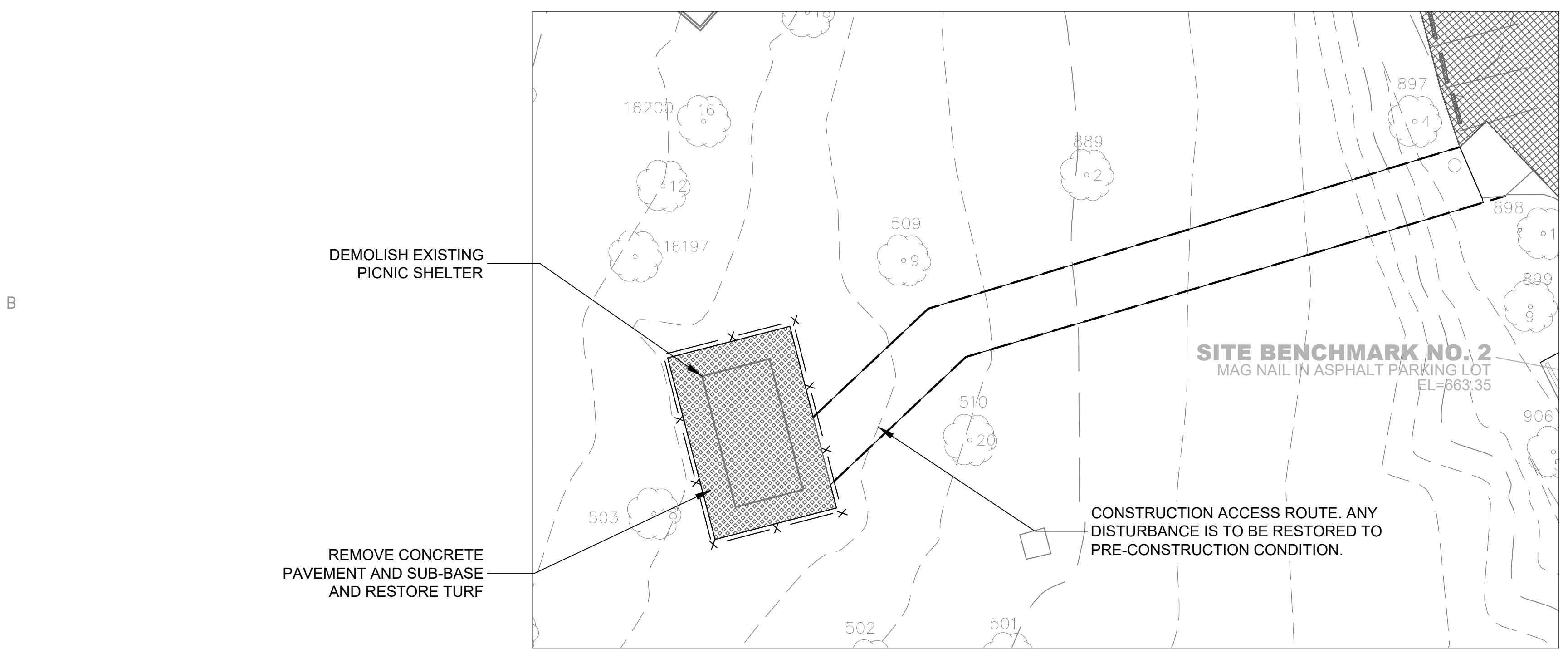
7. FLARED-END PROTECTION AND RIP-RAP SHALL BE INSTALLED IMMEDIATELY AFTER INSTALLATION OF STORM SEWER.

C1

D1.01

DEMO AND EROSION CONTROL PLAN

SCALE: 1"=20'

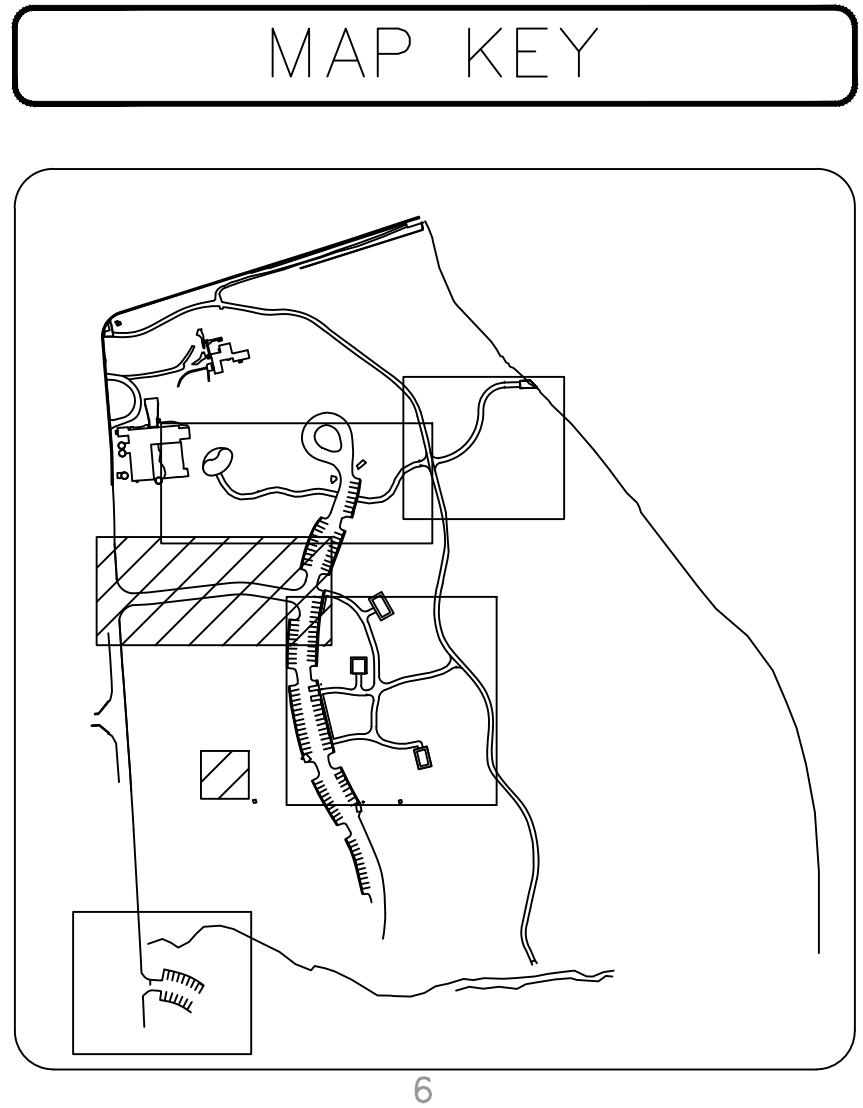
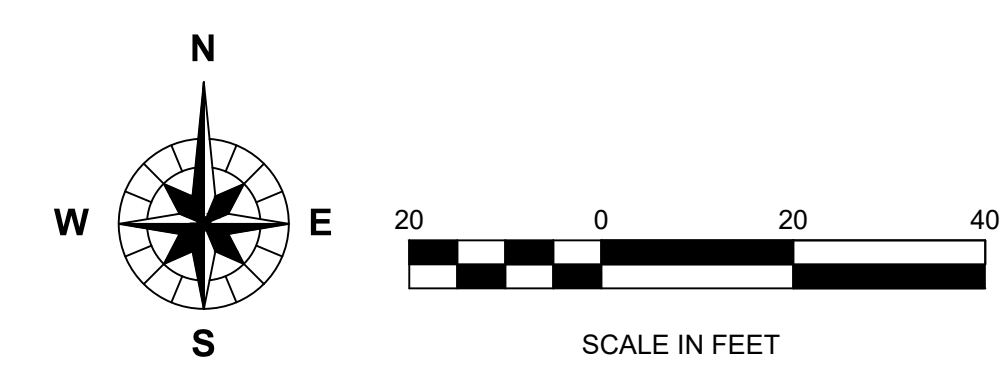


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D1.01

DEMO AND EROSION CONTROL PLAN - EXISTING PICNIC SHELTER

SCALE: 1"=20'



OWNER: **FOREST PRESERVE DISTRICT**
DU PAGE COUNTY

STREET ADDRESS: 3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS: P.O. BOX 5000
WHEATON, IL 60189-5000

CONTACT NUMBERS: PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE

RECREATIONAL IMPROVEMENTS

OSLAD GRANT 25-2599

85127 GREENE RD, NAPERVILLE, IL 60540

CONSULTANT: PH#: FAX#

SUBCONSULTANT: PH#: FAX#

MARK:	DATE:	DESCRIPTION:
1	7/31/2026	Issue For Bid

PROJECT NO: Z-152-014

DRAWN BY:

CHECKED BY:

DATE: 7/17/2026

SCALE:

SHEET TITLE:

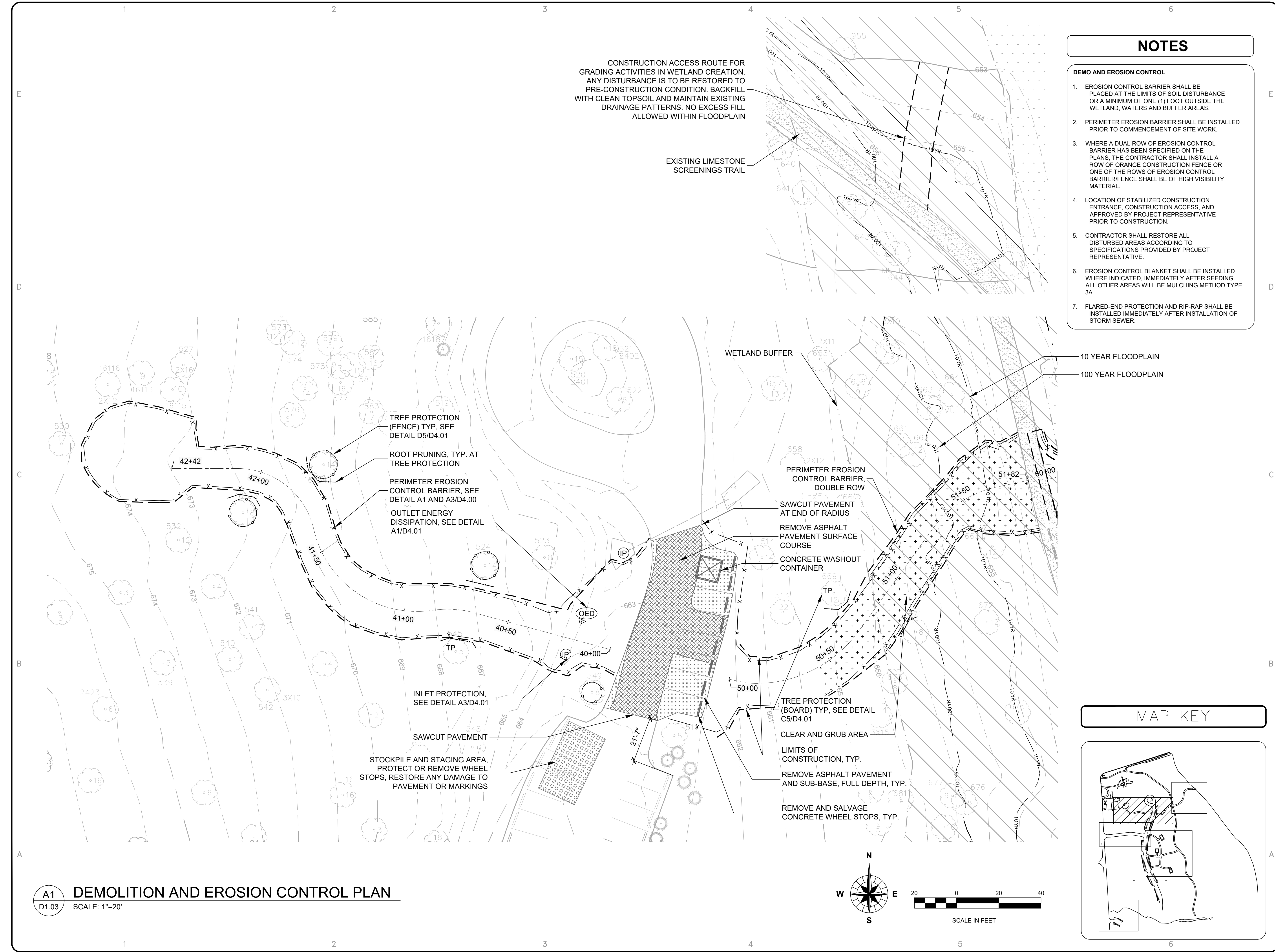
DEMOLITION & EROSION CONTROL PLAN

SHEET NO:

D1.01

SHEET 12 of 128

CAD DWG FILE: \\dpsr-planning\Preserve33-WB\B\34-000\Bck-40 OSLAD\Drawing\CAD\Printm.dwg



OWNER: STREET ADDRESS:
3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS:
P.O. BOX 5000
WHEATON, IL 60189-5000

CONTACT NUMBERS:
PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
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OSLAD GRANT 25-2599
85127 GREENE RD, NAPERVILLE, IL 60540

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SHEET TITLE:
**DEMOLITION &
EROSION CONTROL
PLAN**

SHEET NO:
D1.03
SHEET 14 of 128

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GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599
85127 GREENE RD, NAPERVILLE, IL 60540

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SCALE:	

SHEET TITLE:
**DEMOLITION &
EROSION CONTROL
PLAN**

SHEET NO:
D1.04
SHEET 15 of 128

NOTES

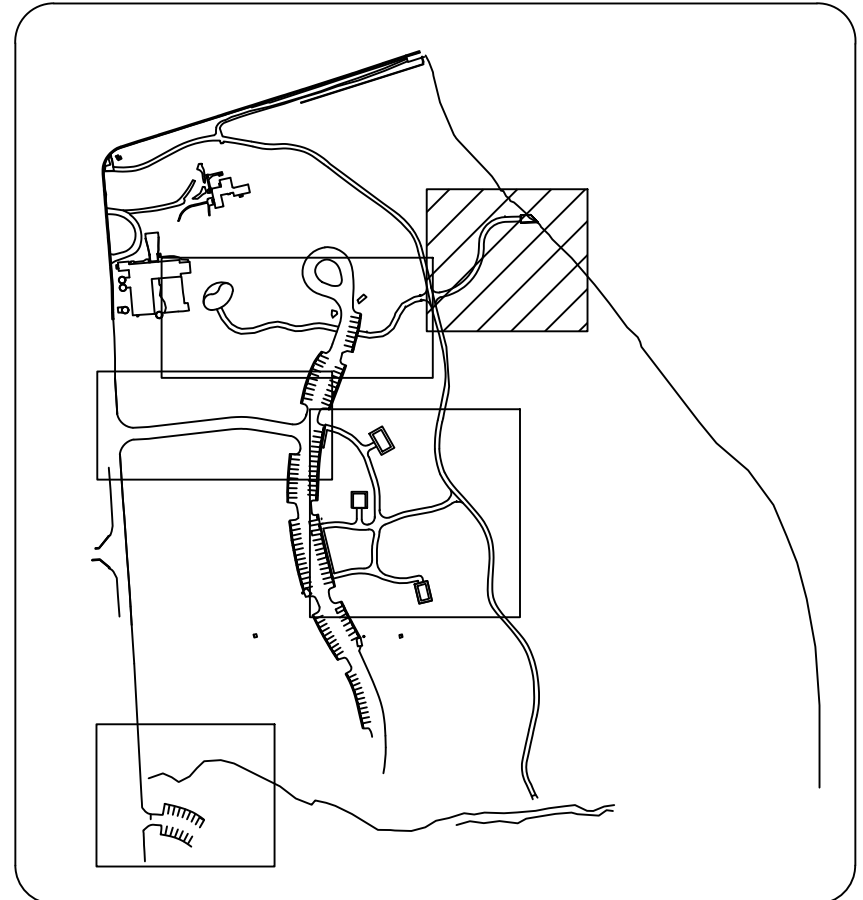
SESC REQUIREMENTS

1. FINAL SESC AND PHASING ARE THE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR MUST SUBMIT FINAL SESC PLANS TO ENGINEER FOR REVIEW PRIOR TO ANY GROUND DISTURBING ACTIVITIES.
2. BACKUP DEWATERING BAGS AND TURBIDITY CURTAINS SHALL BE KEPT ON SITE IN ORDER TO INITIATE IMMEDIATE CORRECTIVE MEASURES FOLLOWING INSTANCES OF NON-COMPLIANCE.
3. IN-STREAM WORK PLAN SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY ENGINEER.
4. FLOATING SILT CURTAIN SHALL BE INSTALLED TO SURROUNDING CONSTRUCTION LIMITS PRIOR TO IN-STREAM WORK AND ADJACENT EARTHWORK.
5. INSTALLATION OF NON-ERODABLE COFFERDAM AND DEWATERING DISCHARGE MEASURES SHALL BE IN PLACE UNTIL INSTALLATION OF ALL PAVEMENT IS COMPLETE.
6. DEWATERING DISCHARGE SHALL COMPLY WITH IUM PRACTICE STANDARD DEWATERING CODE 813. DISCHARGED WATER SHALL BE CLEAN AND CLEAR.
7. SESC MEASURES SHALL REMAIN IN PLACE UNTIL RESTORATION IS COMPLETE.
8. POINTS OF BANK TIE-IN AND BANK TIE-IN ELEVATIONS RELATIVE TO THE STREAM CHANNEL SHOWN IN DRAWINGS ARE APPROXIMATE ONLY AND MUST BE FIELD-FIT ACCORDING TO SITE CONDITIONS PER GUIDANCE OF ENGINEER.
9. STAGING AND STOCKPILE/ CONCRETE CLEANOUT AREAS FOR WETLAND WORK TO BE LOCATED IN ADJACENT PARKING LOT. NO STAGING WILL BE ALLOWED IN WETLAND.
10. WORK IN/NEAR THE WATERWAY SHALL BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS. LOW FLOW CONDITIONS ARE FLOW AT OR BELOW THE NORMAL WATER ELEVATION.

SUGGESTED SESC AND PHASING

- PHASE I - DEMOLITION
- INSTALL AND MAINTAIN NECESSARY SESC MEASURES; THIS PHASE INCLUDES IN-STREAM WORK.
 - INSTALL FLOATING SILT CURTAIN DOWNSTREAM OF WORK AREAS AND UPSTREAM OF PROPOSED KAYAK LAUNCH
 - INSTALL SILT FENCE ALONG BANK AND TROUGH WETLAND
- PHASE II - CONSTRUCTION
- INSTALL AND MAINTAIN NECESSARY SESC MEASURES; THIS PHASE INCLUDES IN-STREAM WORK. SILT FENCES SHALL REMAIN IN PLACE UNTIL PAVING/RESTORATION IS COMPLETE
 - DEWATER WORK AREA. SUMP PIT STAND PIPES SHALL BE WRAPPED WITH FILTER FABRIC
 - INSTALL ALL PAVEMENT/STRUCTURES
 - COMPLETE PERMANENT STABILIZATION AT THE FIRST AVAILABLE SEEDING WINDOW
 - COMPLETE TEMPORARY STABILIZATION AS REQUIRED IF PERMANENT STABILIZATION IS DELAYED

MAP KEY



EAST BRANCH
DUPAGE RIVER

TEMPORARY FLOATING
SILT CURTAIN, SEE DETAIL
C1 AND C3/D4.02

DEWATERING DISCHARGE TO COMPLY
WITH IUM PRACTICE STANDARD
"DEWATERING" CODE 813. DISCHARGED
WATER SHALL BE CLEAN AND CLEAR. IF
DISCHARGED WATER IS NOT SUITABLY
CLEANED BY FILTER FABRIC ON SUMP
PIT STANDPIPES, WATER SHALL BE
DISCHARGED UPLAND THROUGH FILTER
BAGS. SEE DETAIL A3/D4.02

TEMPORARY NON ERODABLE
COFFERDAM, SEE DETAIL A1/D4.02.
COFFERDAM TO BE DESIGNED FOR 2
YEAR FLOODPLAIN ELEVATION OF
653.18

GRANITE COBBLE BANK
STABILIZATION

TRANSITION COBBLE TO
EXISTING RIVERBANK. EXACT
LOCATION TO BE DETERMINED
BY CONTRACTOR AND ENGINEER

WETLAND #1
W/ 100' BUFFER

WETLAND #1
W/ 100' BUFFER

DASHED LINE INDICATES
ANTICIPATED 24" OF
UNDERCUT

DOUBLE ROW OF HIGH
VISIBILITY PERIMETER
EROSION CONTROL

LIMITS OF CONSTRUCTION

EDGE OF WETLAND #1

EXISTING LIMESTONE TRAIL

REGULATORY FLOODWAY

10 YEAR FLOODPLAIN

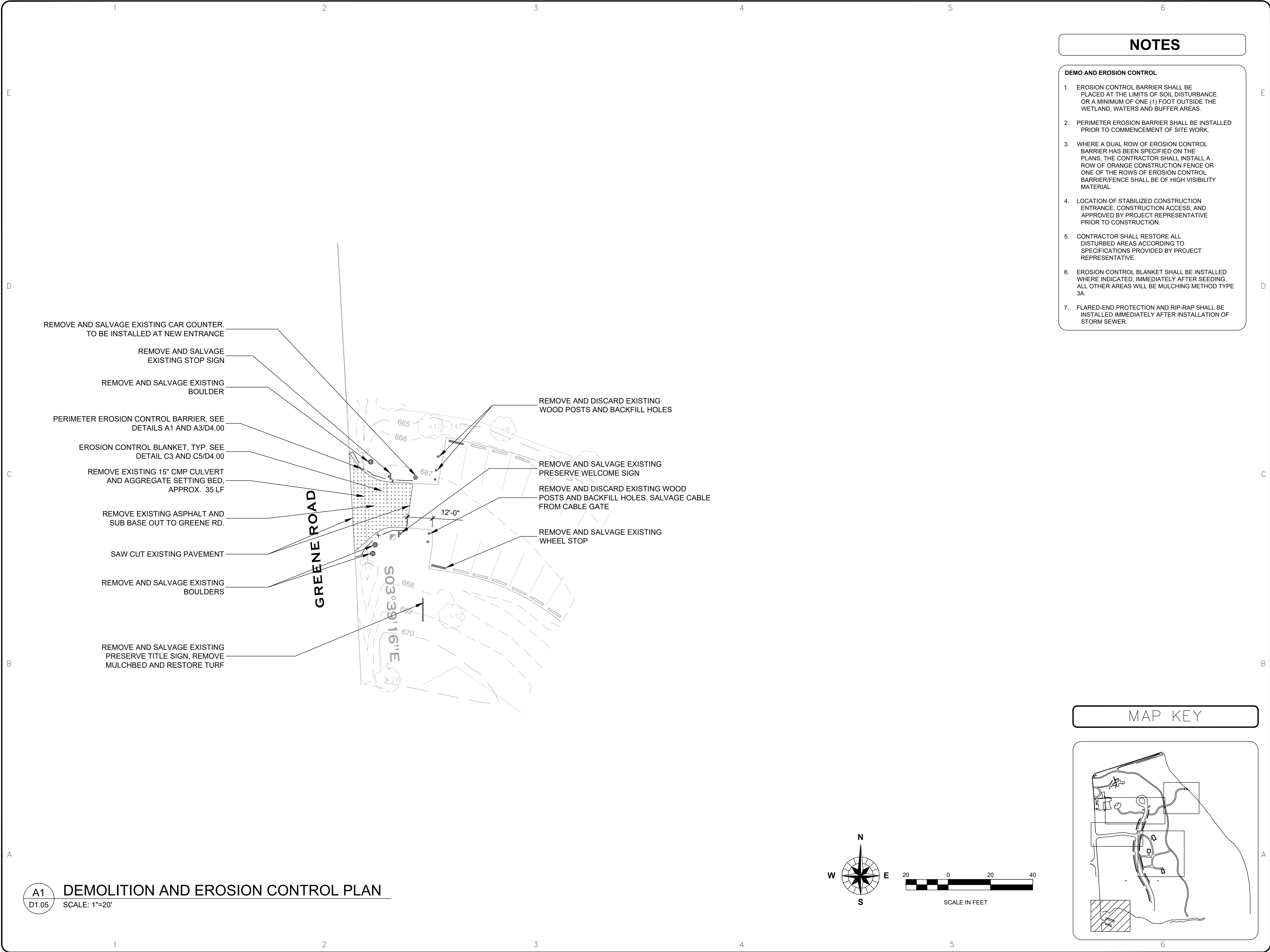
100 YEAR FLOODPLAIN

EDGE OF WETLAND BUFFER



20 0 20 40
SCALE IN FEET

A1 DEMOLITION AND EROSION CONTROL PLAN
D1.04 SCALE: 1"=20'



NOTES

DEMO AND EROSION CONTROL

1.

EROSION CONTROL BARRIER SHALL BE PLACED AT THE LIMITS OF SOIL DISTURBANCE OR A MINIMUM OF ONE (1) FOOT OUTSIDE THE WETLAND, WATERS AND BUFFER AREAS.

2.

PERIMETER EROSION BARRIER SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF SITE WORK.

3.

WHERE A DUAL ROW OF EROSION CONTROL BARRIER HAS BEEN SPECIFIED ON THE PLANS, THE CONTRACTOR SHALL INSTALL A ROW OF ORANGE CONSTRUCTION FENCE OR ONE OF THE ROWS OF EROSION CONTROL BARRIER/FENCE SHALL BE OF HIGH VISIBILITY MATERIAL.

4.

LOCATION OF STABILIZED CONSTRUCTION ENTRANCE, CONSTRUCTION ACCESS, AND APPROVED BY PROJECT REPRESENTATIVE PRIOR TO CONSTRUCTION.

5.

CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS ACCORDING TO SPECIFICATIONS PROVIDED BY PROJECT REPRESENTATIVE.

6.

EROSION CONTROL BLANKET SHALL BE INSTALLED WHERE INDICATED, IMMEDIATELY AFTER SEEDING. ALL OTHER AREAS WILL BE MULCHING METHOD TYPE 3A.

7.

FLARED-END PROTECTION AND RIP-RAP SHALL BE INSTALLED IMMEDIATELY AFTER INSTALLATION OF STORM SEWER.

MAP KEY

OWNER:

STREET ADDRESS:

MAILING ADDRESS:

CONTACT NUMBERS:

FOREST PRESERVE DISTRICT

DU PAGE COUNTY

3 S 580 NAPERVILLE ROAD

WHEATON, IL 60189-8761

P.O. BOX 5000

WHEATON, IL 60189-5000

PH# 630-933-7200

FAX# 630-933-7204

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RECREATIONAL IMPROVEMENTS

OSLAD GRANT 25-2599

85127 GREENE RD, NAPERVILLE, IL 60540

CONSULTANT:

SUBCONSULTANT:

PH#:

FAX#:

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DESCRIPTION:

1

7/31/2026

Issue For Bid

PROJECT NO:

Z-152-014

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CHECKED BY:

DATE:

7/17/2026

SCALE:

SHEET TITLE:

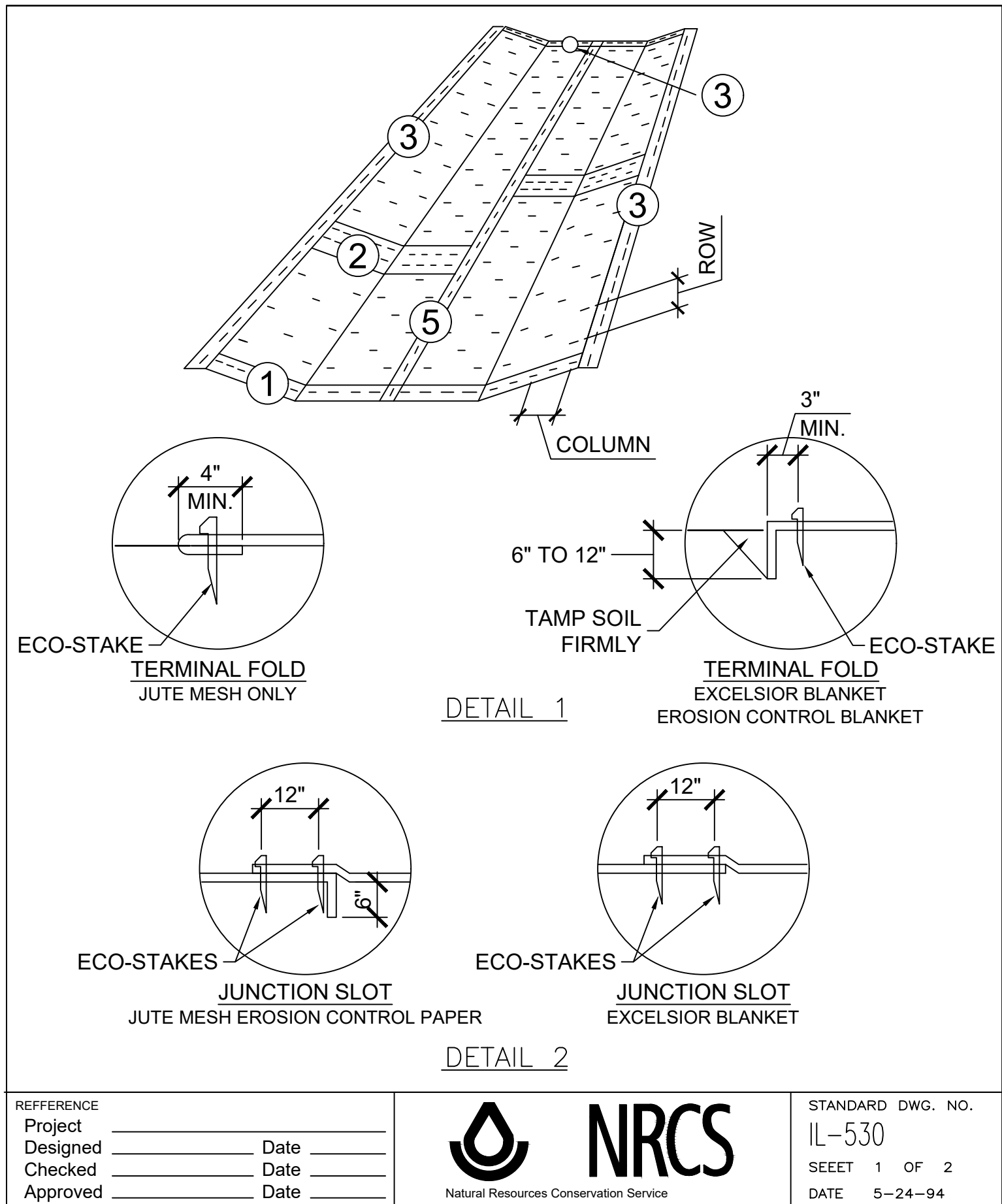
DEMOLITION & EROSION CONTROL PLAN

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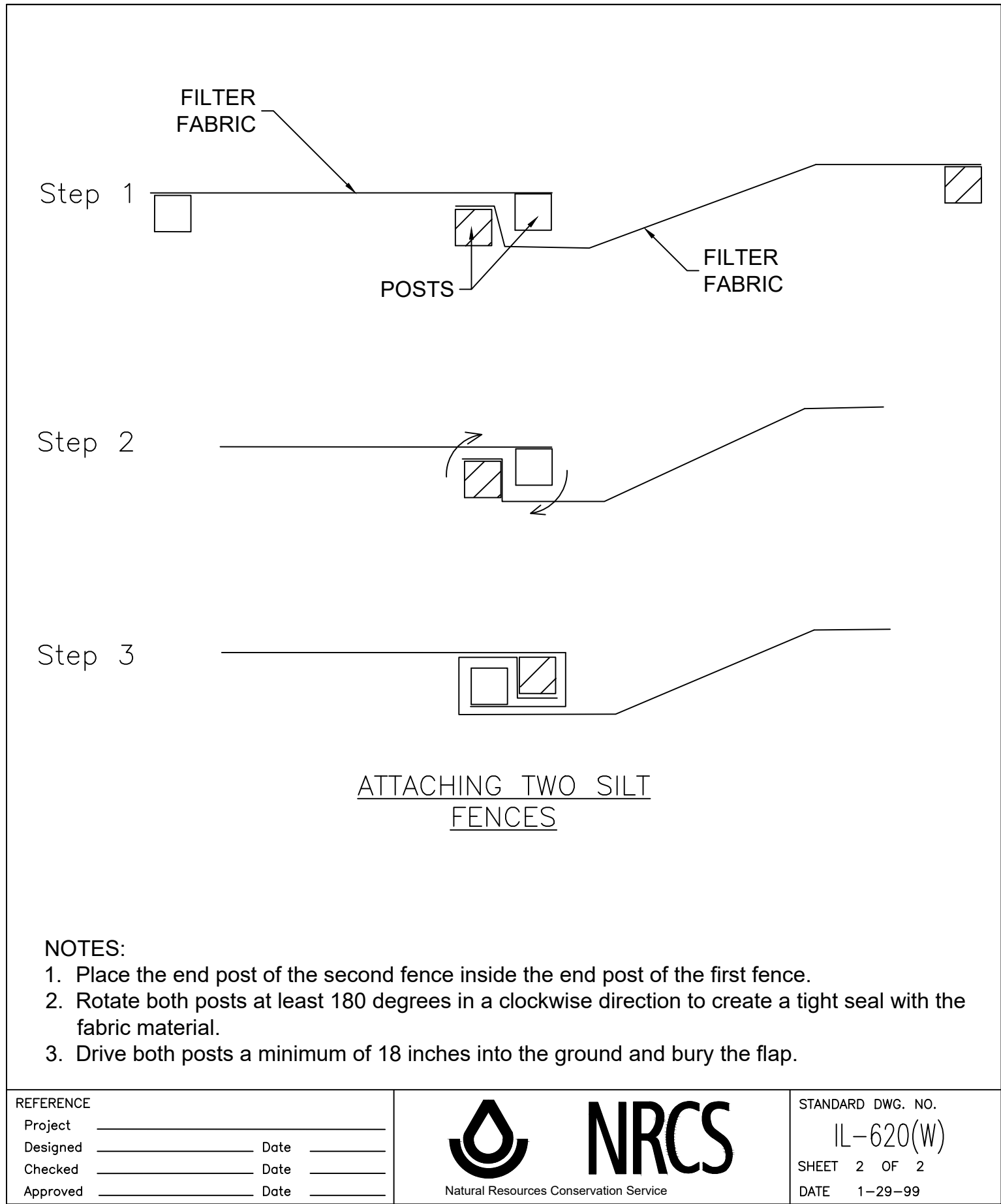
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SHEET 16 of 128

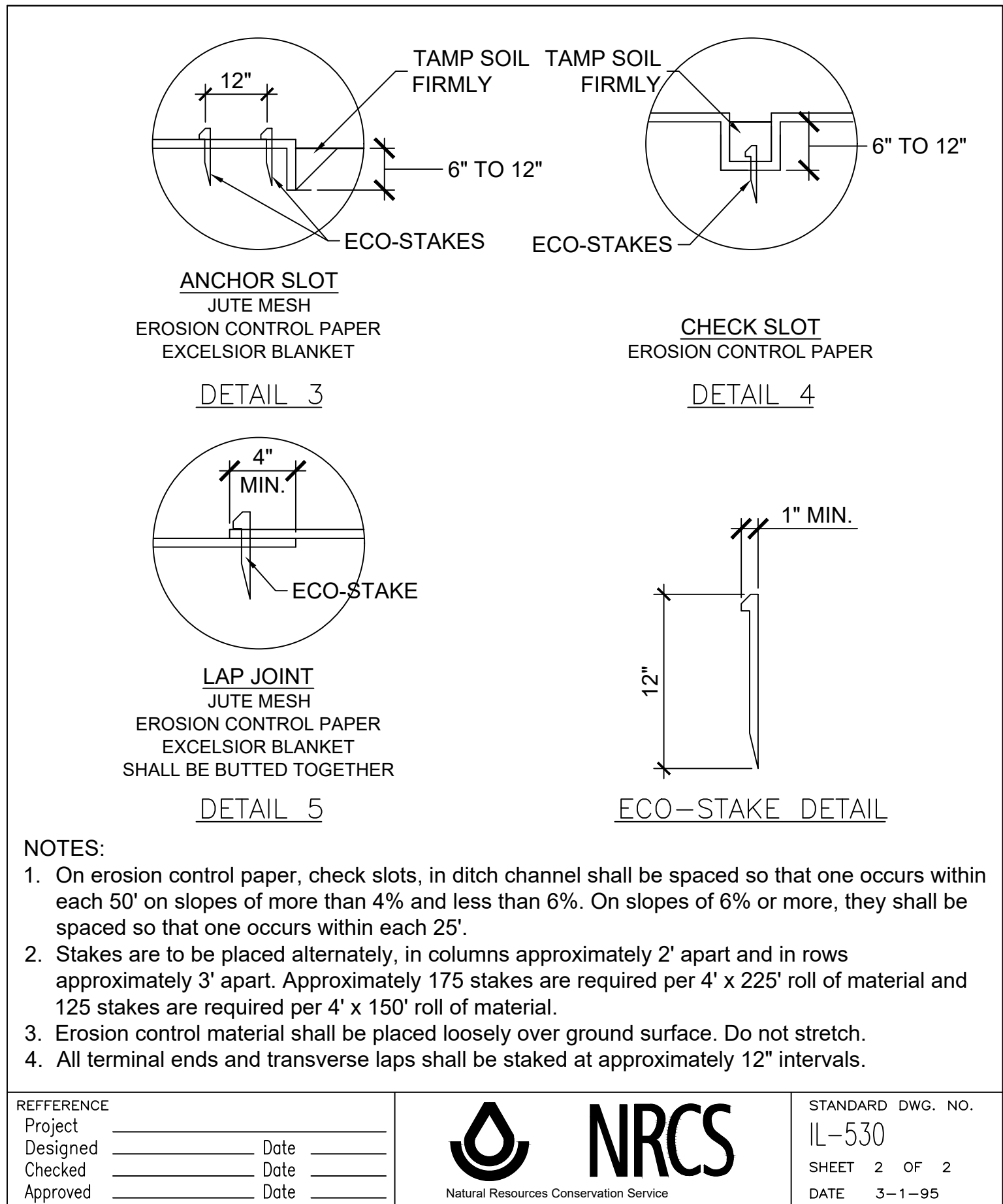
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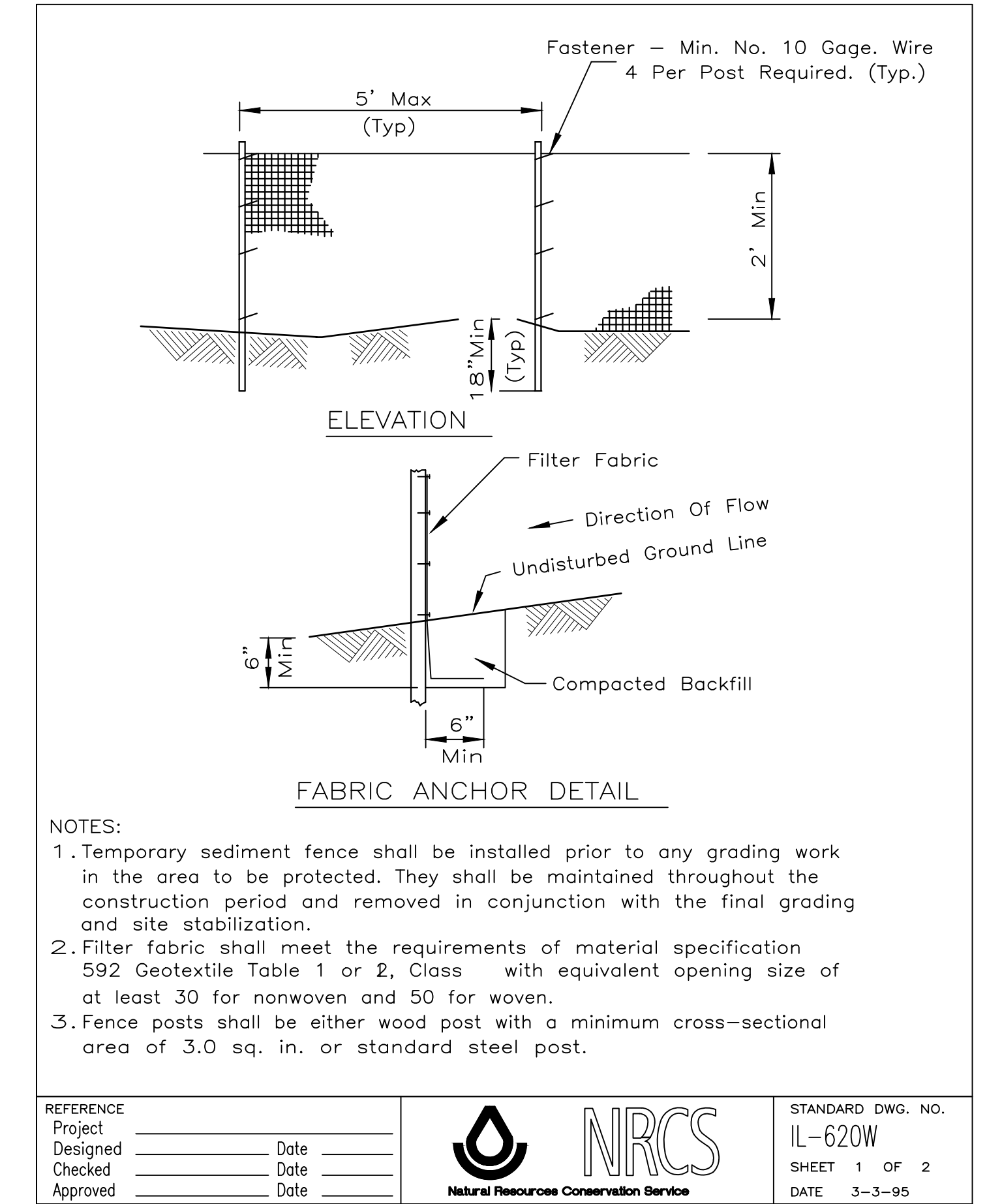
C1
D4.00
EROSION CONTROL BLANKET
SCALE: NTS



A1
D4.00
PERIMETER EROSION CONTROL BARRIER
SCALE: NTS



C3
D4.00
EROSION CONTROL BLANKET
SCALE: NTS



A3
D4.00
PERIMETER EROSION CONTROL BARRIER
SCALE: NTS

OWNER: **FOREST PRESERVE DISTRICT**
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WHEATON, IL 60189-8761
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WHEATON, IL 60189-5000
CONTACT NUMBERS: PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE RECREATIONAL IMPROVEMENTS OSLAD GRANT 25-2599

85127 GREENE RD, NAPERVILLE, IL 60540

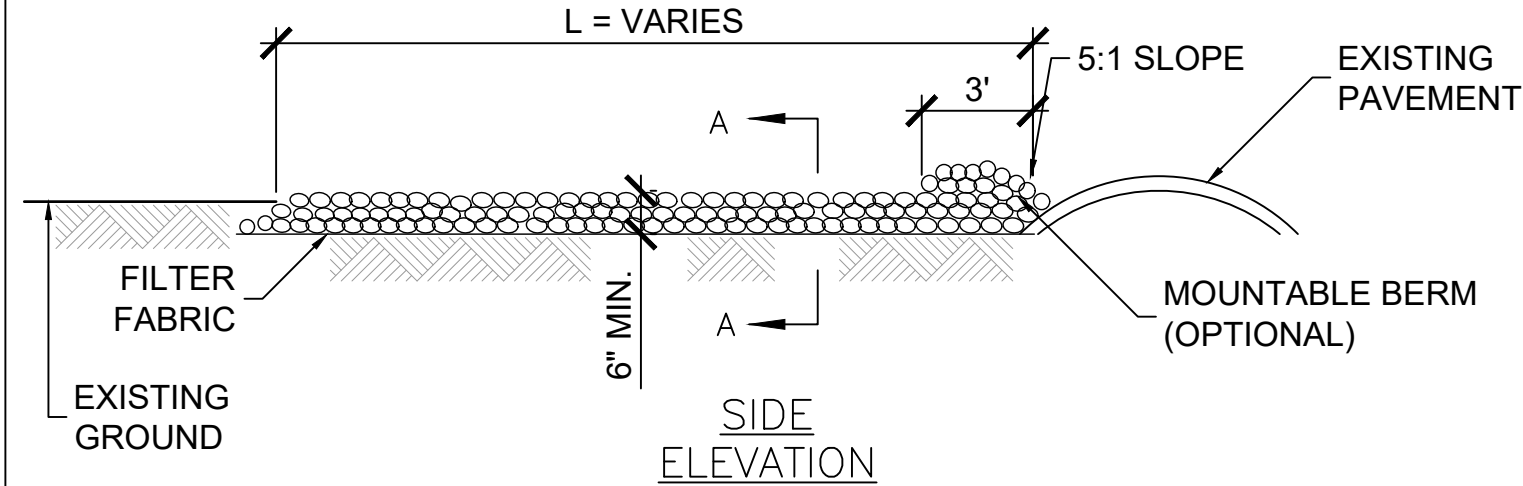
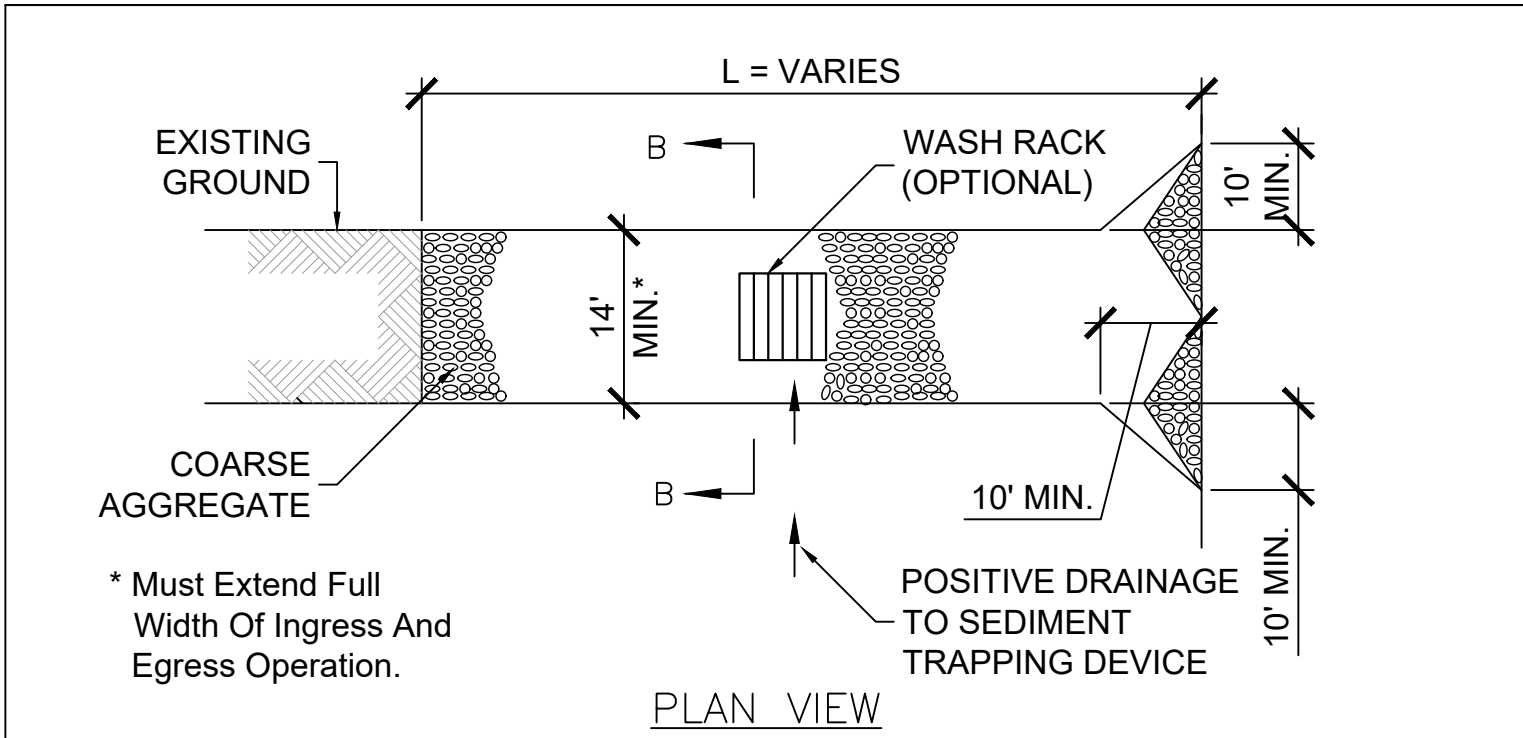
MARK:	DATE:	DESCRIPTION:
1	7/31/2026	Issue For Bid

PROJECT NO: Z-152-014
DRAWN BY:
CHECKED BY:
DATE: 7/17/2026
SCALE:

DEMOLITION & EROSION CONTROL DETAILS

SHEET NO:
D4.00
SHEET 17 of 128

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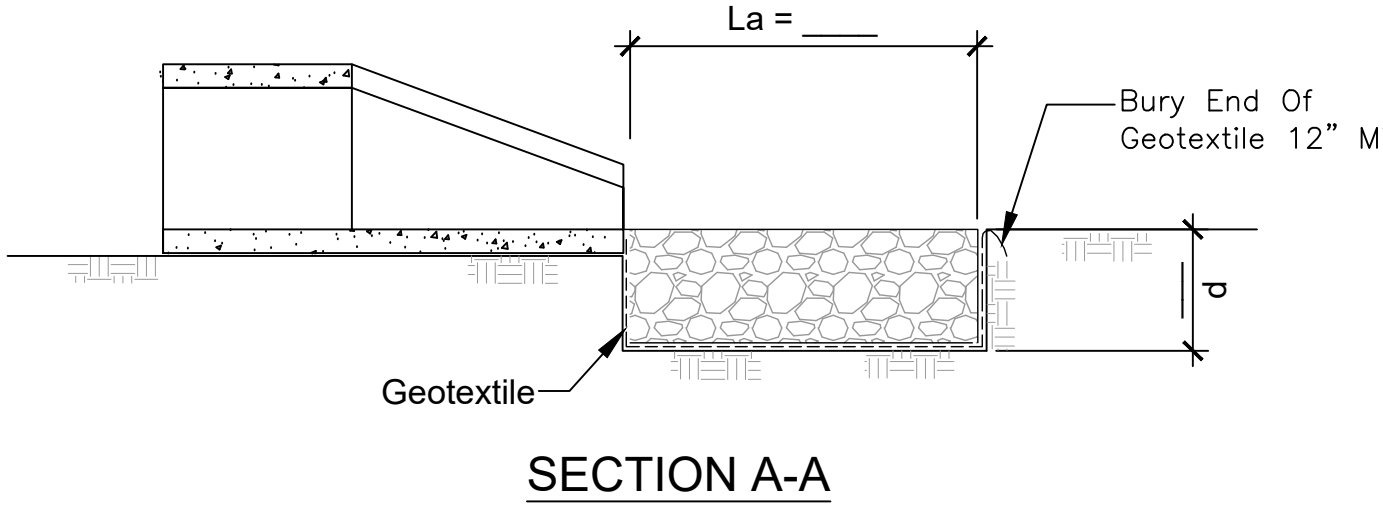
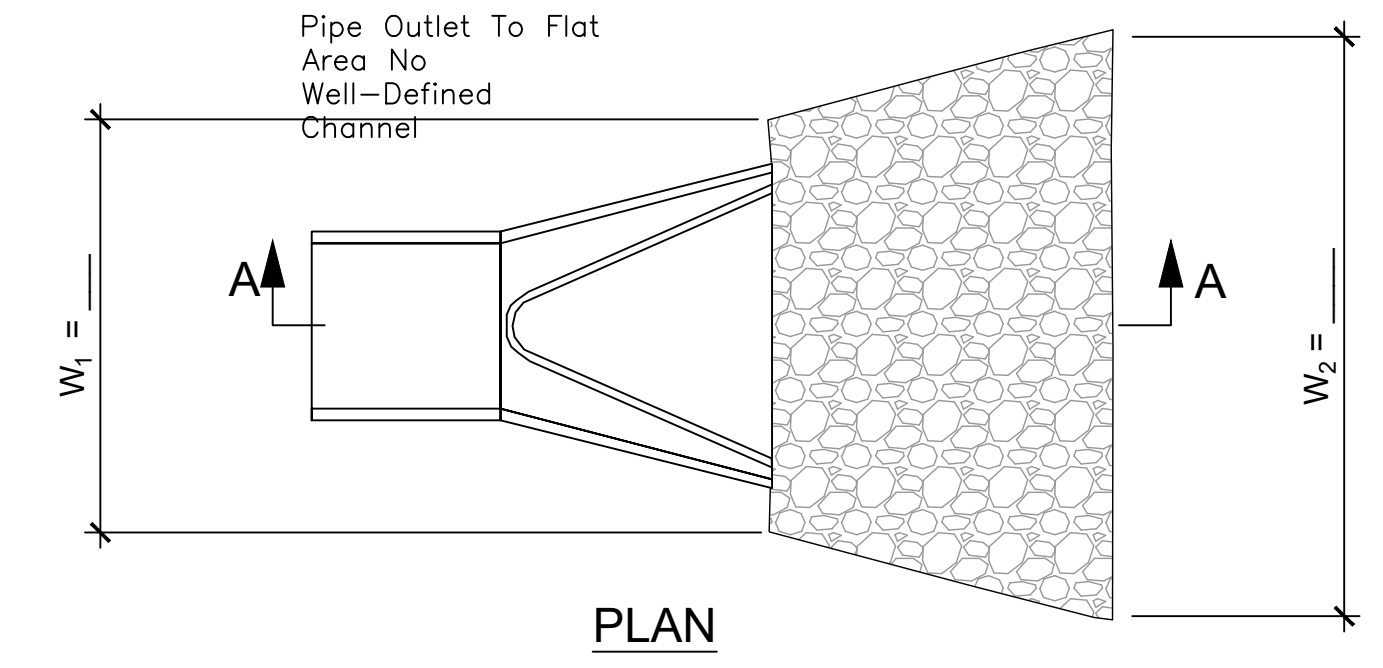
- NOTES:
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
 2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
 3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
 4. If wash racks are used, they shall be installed according to the manufacturer's specifications.

REFERENCE	Project	Date	
Designed		Date	
Checked		Date	
Approved		Date	



STANDARD DWG. NO.
IL-630
SHEET 1 OF 2
DATE 8-18-94

C1
D4.01 **STABILIZED CONSTRUCTION ACCESS**
SCALE: NTS



- NOTES:
1. The filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class I, II or III.
 2. The rock riprap shall meet the IDOT requirements for the following gradation: RR3, Quality B.
 3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

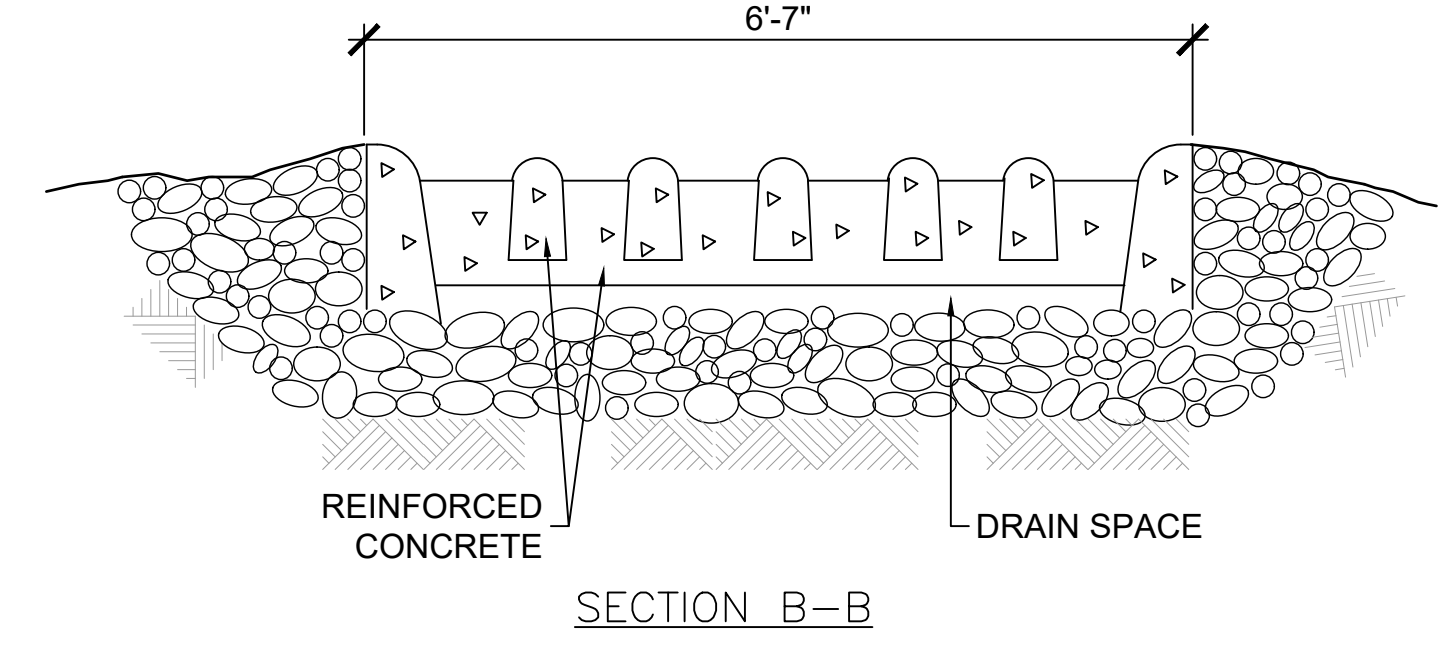
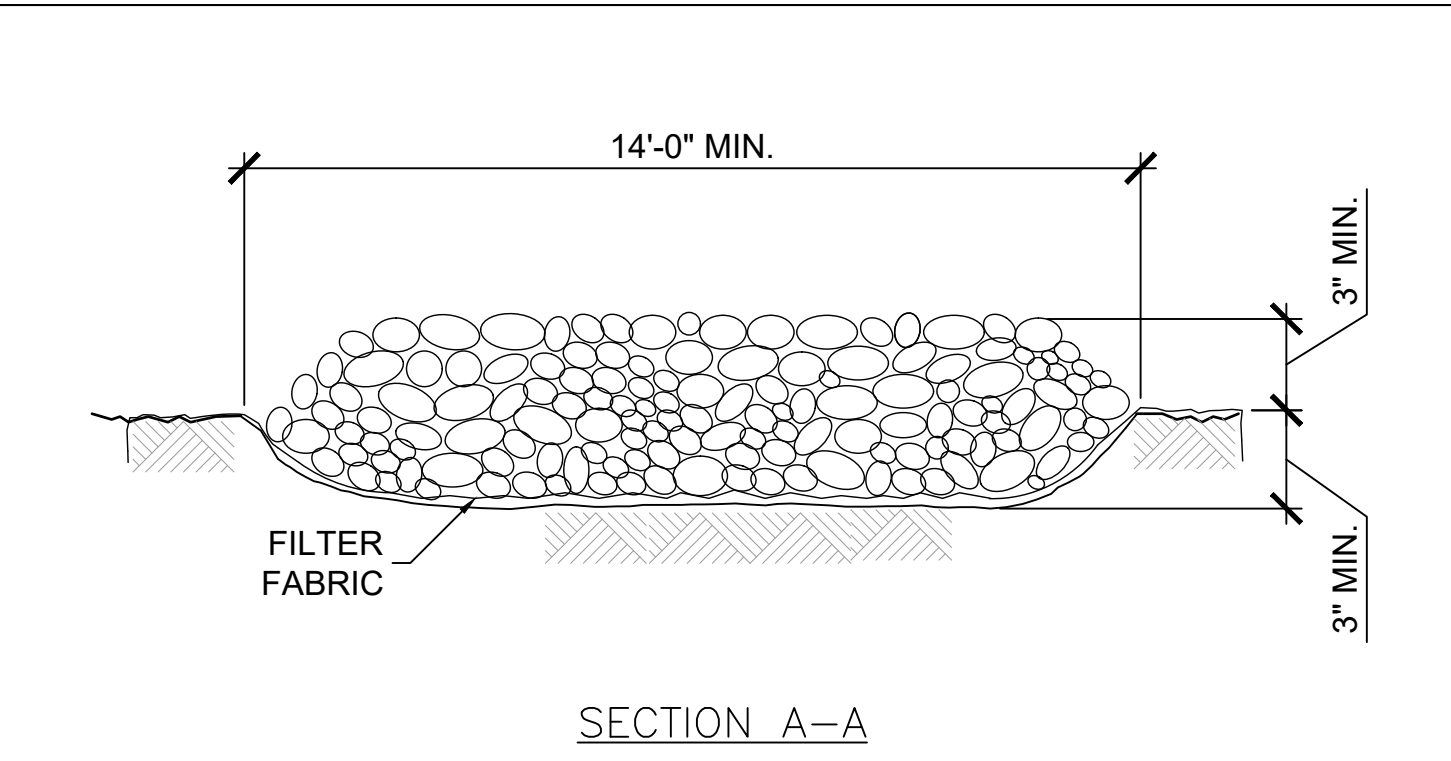
PIPE DIA.	La	W1	W2	d
12"	5'	3'	3'	15"
15"	5'	4'	4'	15"
24"	5'	5'	5'	15"

REFERENCE	Project	Date	
Designed		Date	
Checked		Date	
Approved		Date	



STANDARD DWG. NO.
IL-610
SHEET 1 OF 1
DATE 9-15-93

A1
D4.01 **OUTLET ENERGY DISSIPATION DETAIL**
SCALE: NTS

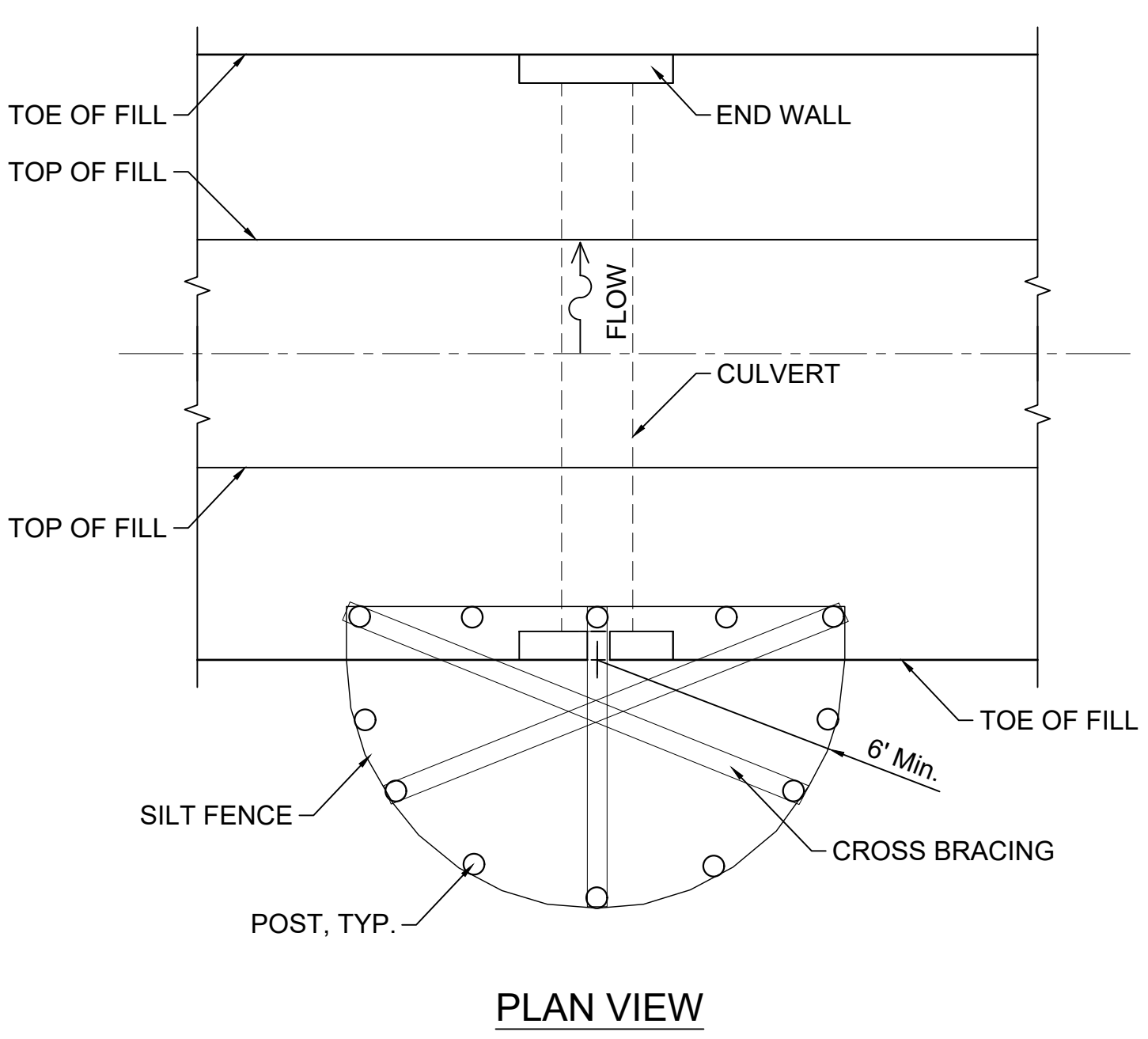


REFERENCE	Project	Date	
Designed		Date	
Checked		Date	
Approved		Date	



STANDARD DWG. NO.
IL-630
SHEET 2 OF 2
DATE 8-18-94

C3
D4.01 **STABILIZED CONSTRUCTION ACCESS**
SCALE: NTS



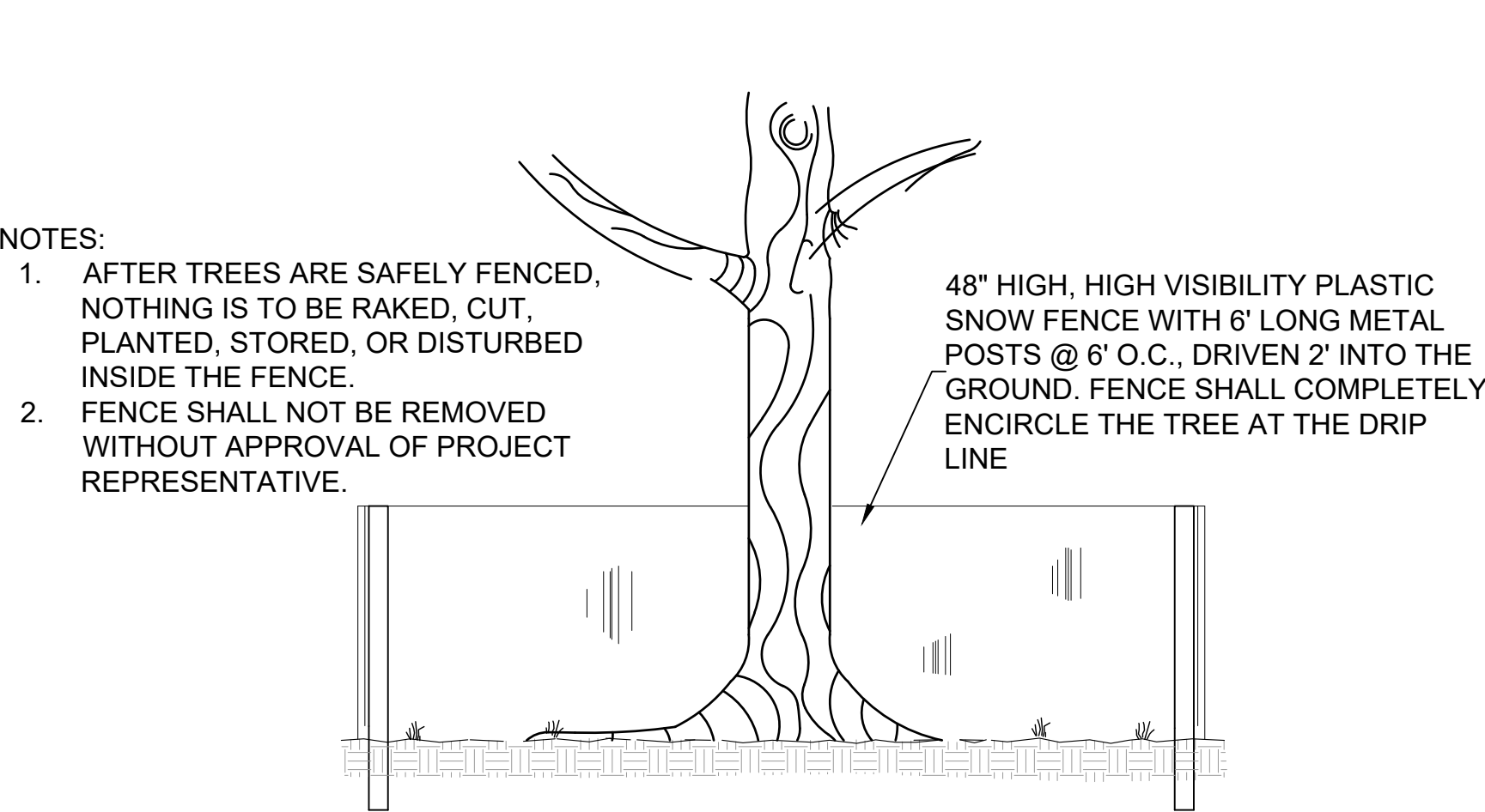
- NOTES:
1. The silt fence shall meet the requirements as shown on standard drawing IL-ENG-49 SILT FENCE except the maximum post spacing shall be 3 feet and the tops of posts shall be cross braced.
 2. Sediment shall be removed when the sediment has accumulated to one-half the height of the silt fence.
 3. The maximum drainage area to the culvert being protected is 1 acre.

REFERENCE	Project	Date	
Designed		Date	
Checked		Date	
Approved		Date	

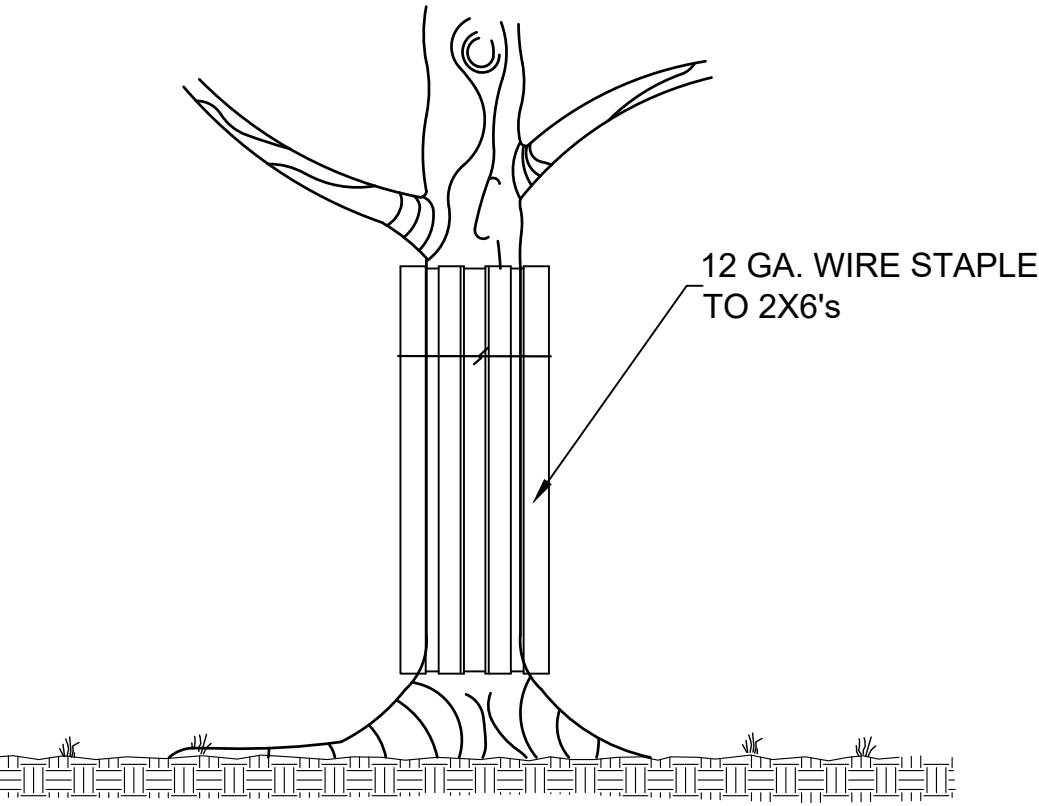


STANDARD DWG. NO.
IL-ENG-59
SHEET 1 OF 1
DATE 9-15-93

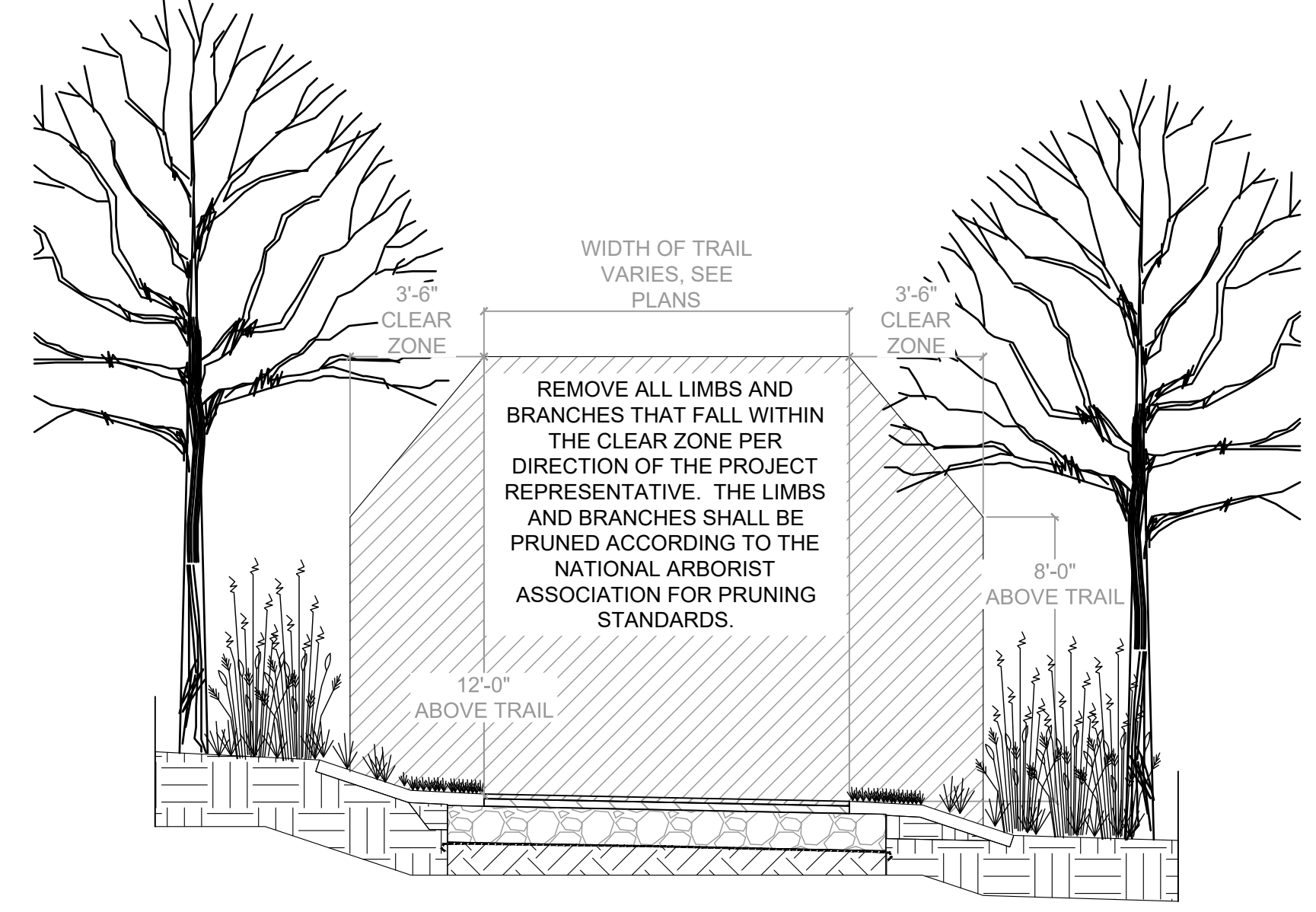
A3
D4.01 **INLET PROTECTION**
SCALE: NTS



D5
D4.01 **TREE PROTECTION FENCE**
SCALE: 1/2" = 1'



C5
D4.01 **TREE TRUNK PROTECTION**
SCALE: 1/2" = 1'



A5
D4.01 **TRAIL CORRIDOR TREE PRUNING**
SCALE: 1/4" = 1'

OWNER: **FOREST PRESERVE DISTRICT**
STREET ADDRESS: 3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761
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GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599
85127 GREENE RD, NAPERVILLE, IL 60540

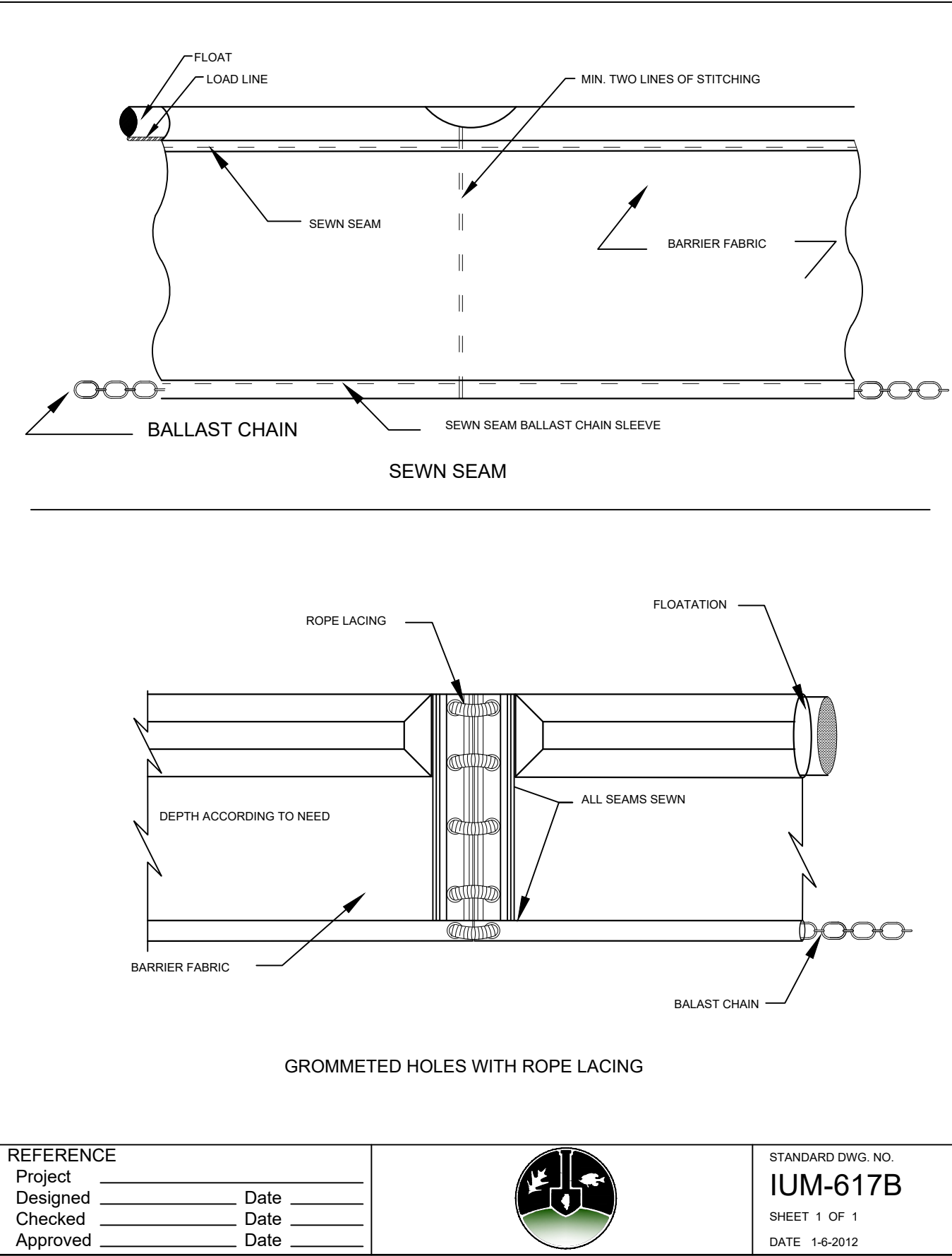
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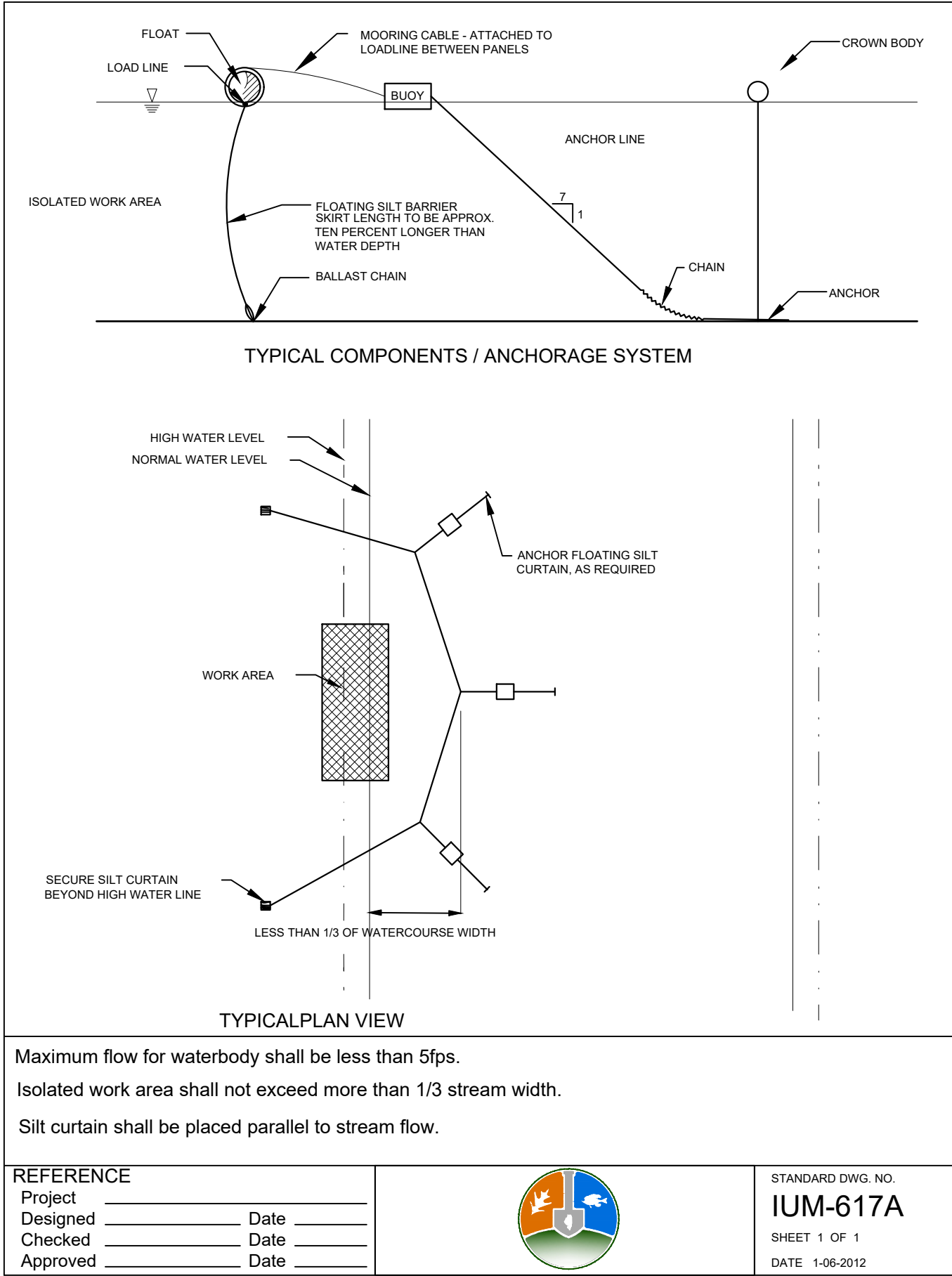
SHEET TITLE:
DEMOLITION & EROSION CONTROL DETAILS

SHEET NO:
D4.01
SHEET 18 of 128

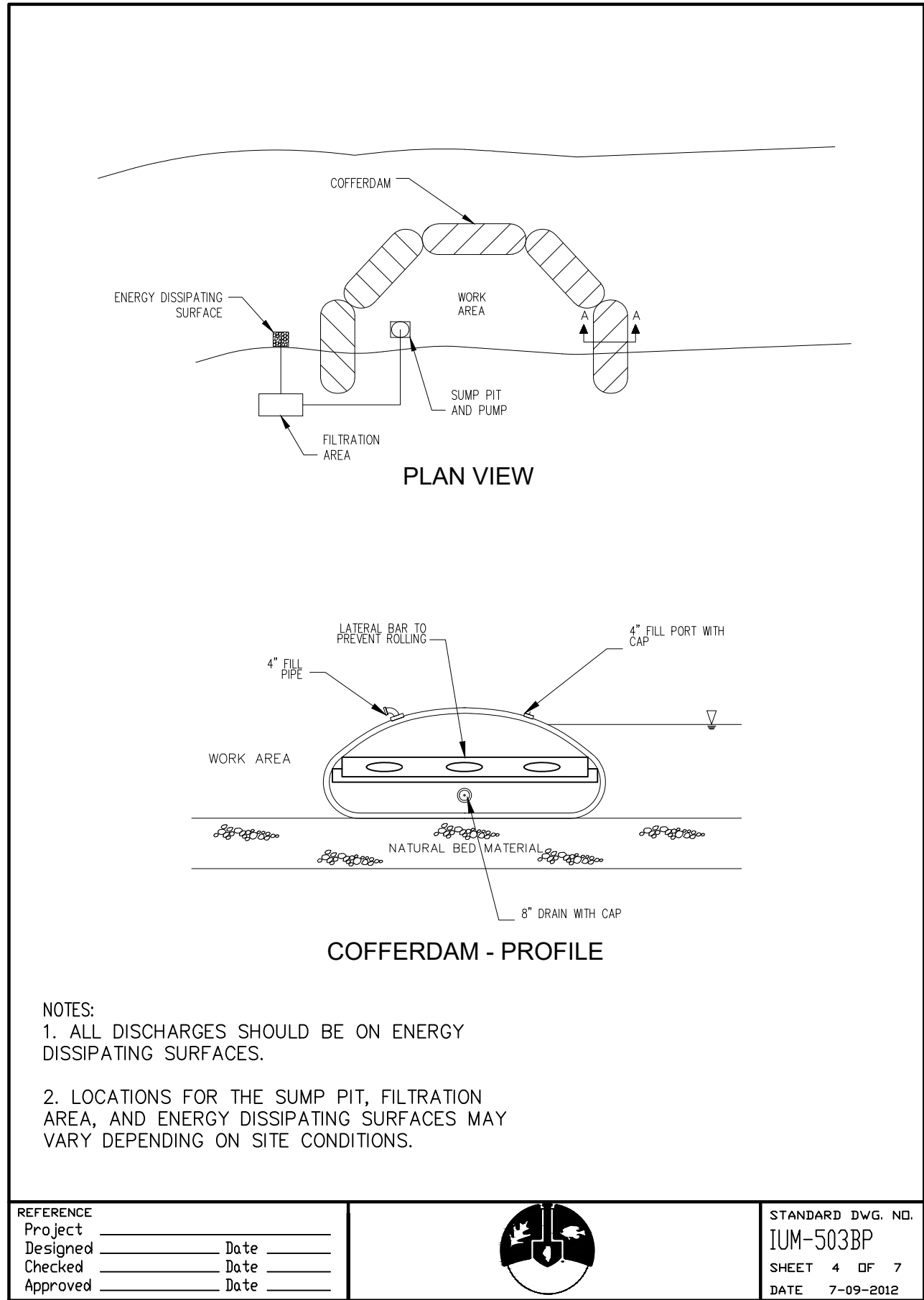
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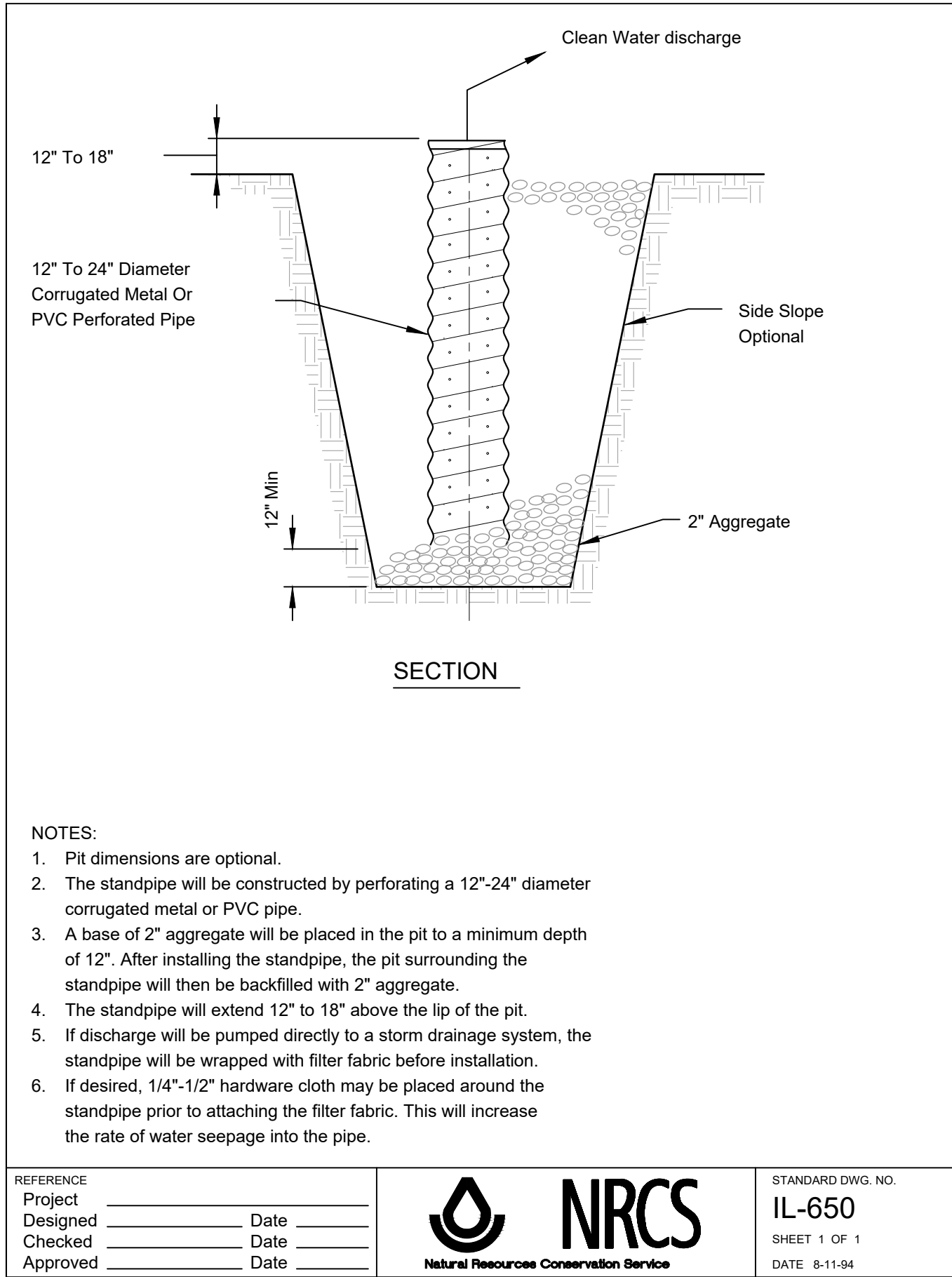
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D4.02 **FLOATING SILT CURTAIN - CONNECTOR**
SCALE: NTS



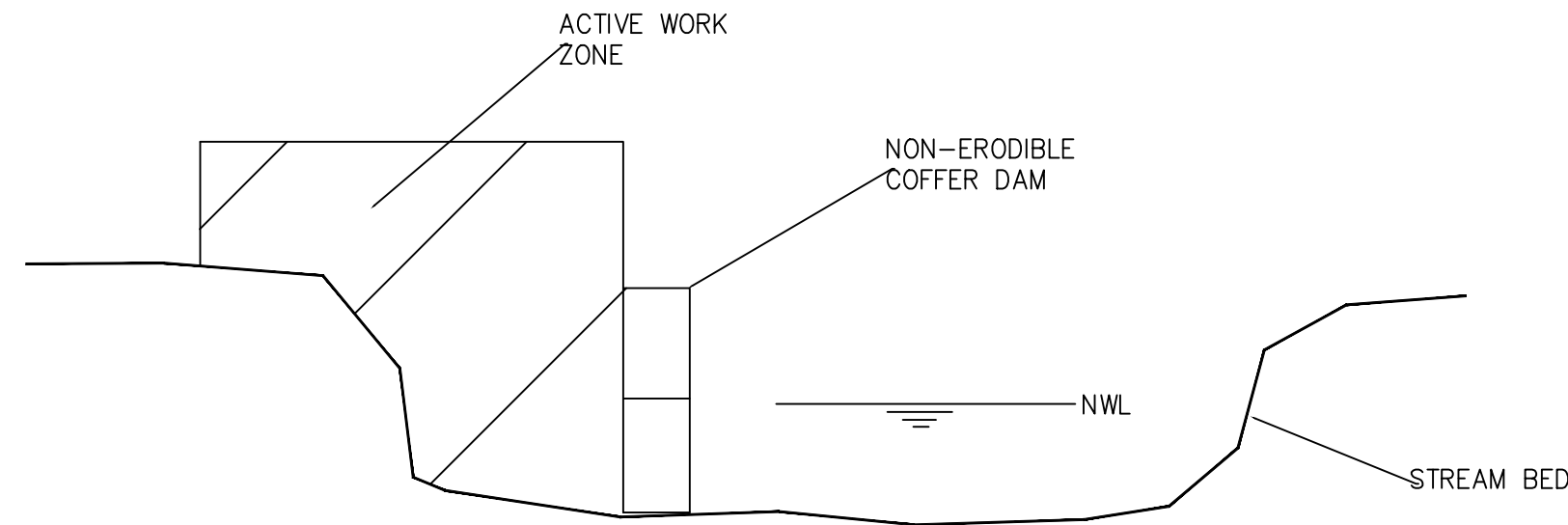
C3
D4.02 **FLOATING SILT CURTAIN - TYP. PLAN**
SCALE: NTS



A1
D4.02 **COFFERDAM - BLADDER**
SCALE: NTS



A3
D4.02 **SUMP PIT PLAN**
SCALE: NTS



A5
D4.02 **TEMP COFFERDAM DETAIL**
SCALE: N.T.S.

OWNER: **FOREST PRESERVE DISTRICT**
DU PAGE COUNTY

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WHEATON, IL 60189-8761

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SHEET TITLE:
DEMOLITION & EROSION CONTROL DETAILS

SHEET NO:
D4.02
SHEET 19 of 128



A1
EX1.00 **OVERALL SITE PLAN**
SCALE: 1"=80'

OWNER: **FOREST PRESERVE DISTRICT**
DU PAGE COUNTY

STREET ADDRESS: 3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS: P.O. BOX 5000
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DATE:	7/17/2026
SCALE:	

SHEET TITLE:
OVERALL SITE PLAN

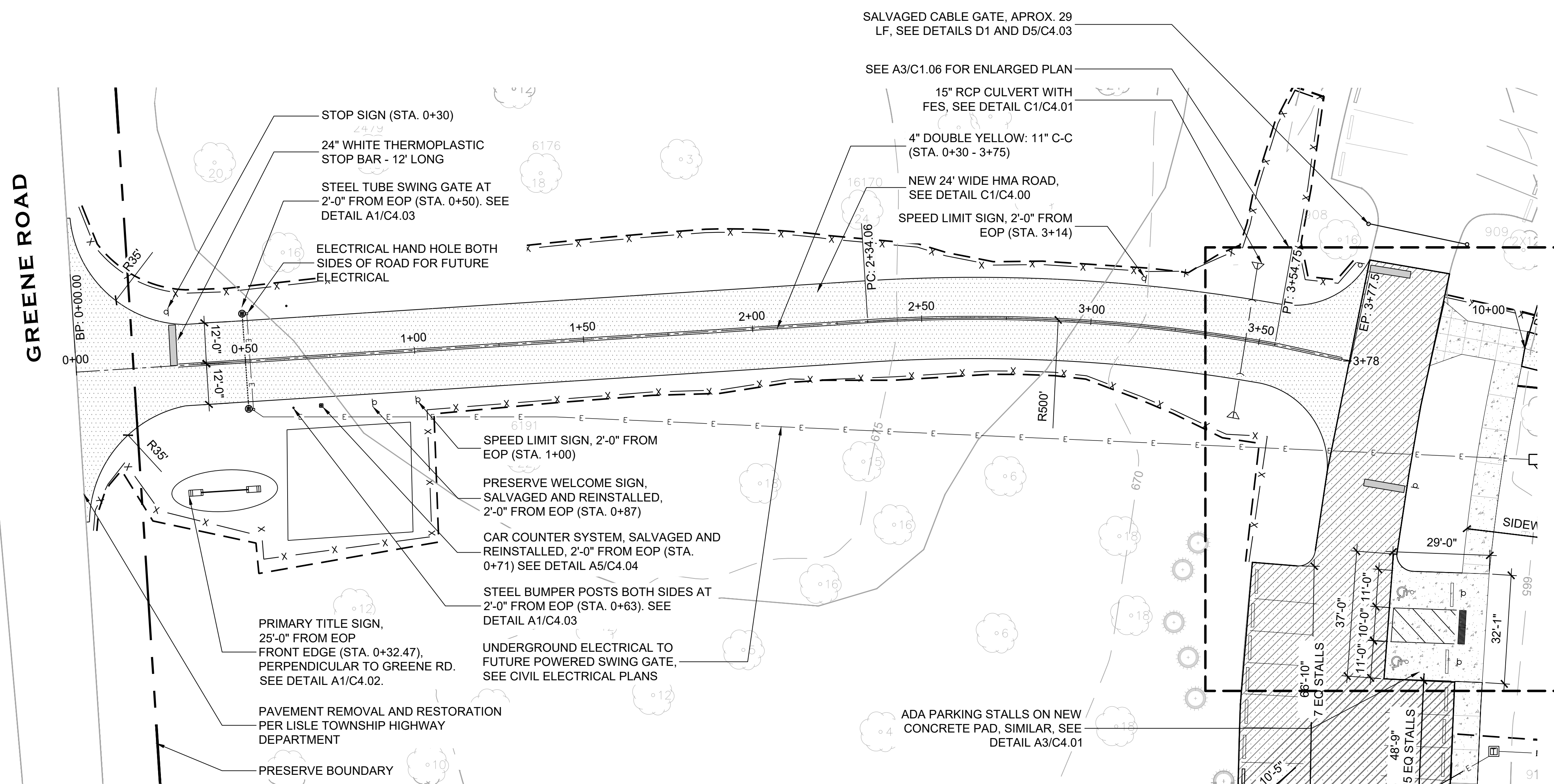
SHEET NO:
C1.00
SHEET 20 of 128

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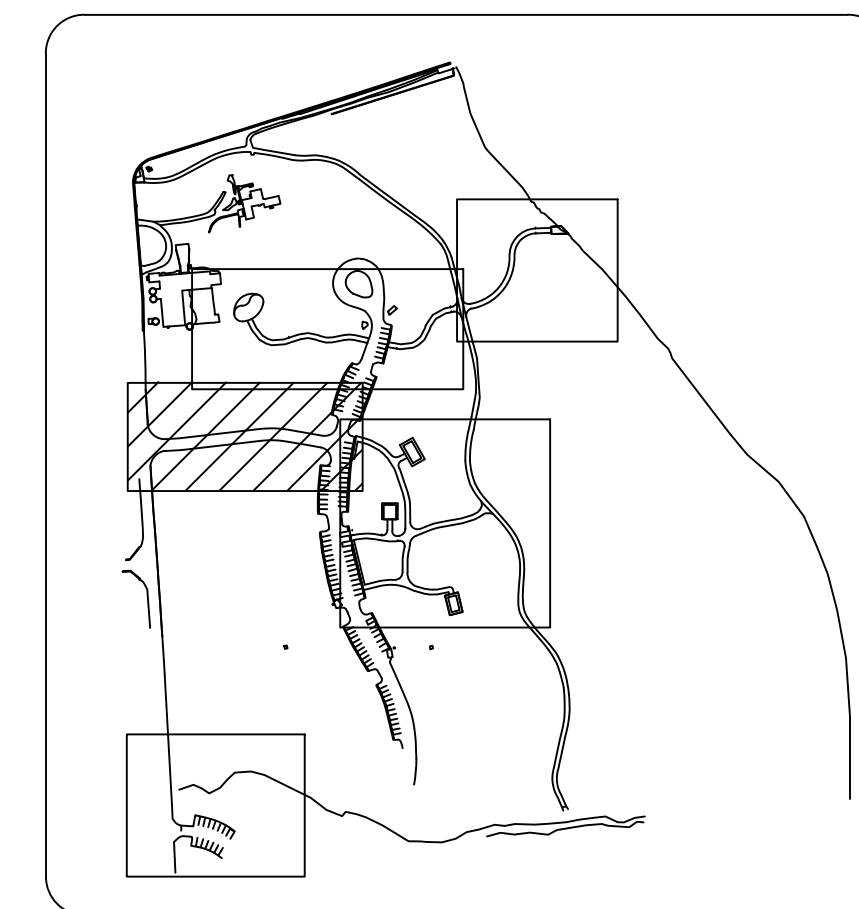
NOTES

SITE LAYOUT

1. EXISTING SITE INFORMATION SUPPLIED BY WEBSTER, McGRATH & AHLBERG, INC., 207 SOUTH NAPERVILLE ROAD, WHEATON, IL 60187; PHONE: (630) 668-7603, ALL QUANTITIES AND DESIGN BASED UPON SAME.
2. LAYOUT BENCHMARK STATIONING TIES IN WITH COUNTY COORDINATE DATUM. BRASS DISK IN CONCRETE AT V3 CORPORATE OFFICE IN WOODRIDGE. NOT SHOWN ON PLAN
3. ALL LAYOUT TO BE PERFORMED BY THE CONTRACTOR AND MUST BE REVIEWED AND APPROVED BY THE PROJECT REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION.
4. LAYOUT OF ALL PATHWAYS SHALL BE SMOOTH AND CONTINUOUS. PROJECT REPRESENTATIVE WILL REVIEW STAKED LAYOUT AND FORMWORK BEFORE CONSTRUCTION BEGINS.
5. PROJECT INCLUDES 10,142 SQ FT OF NET NEW IMPERVIOUS AREA.



MAP KEY

[illegible]

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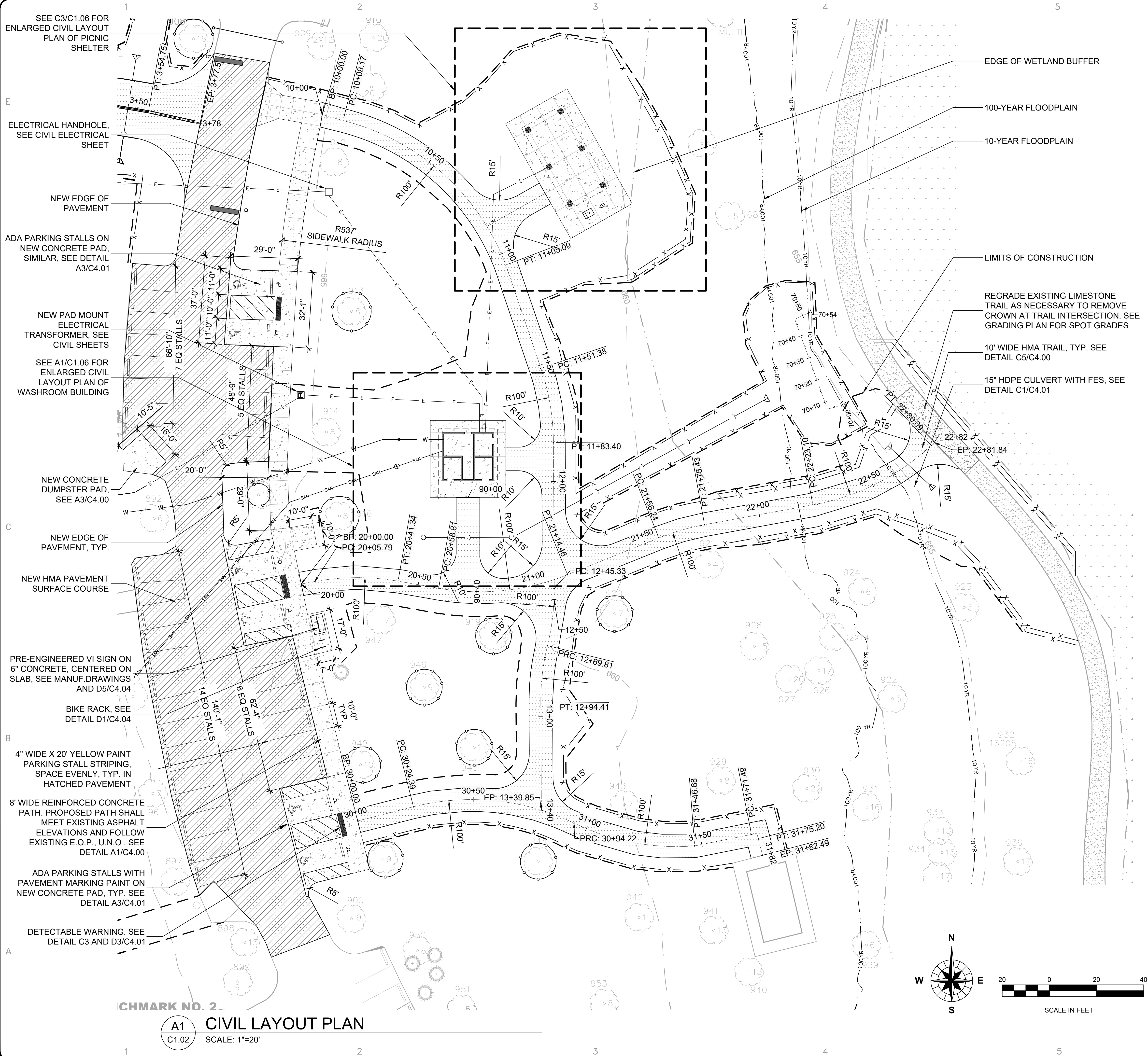
SHEET TITLE:

**CIVIL LAYOUT
PLAN**

SHEET NO:

C1.01

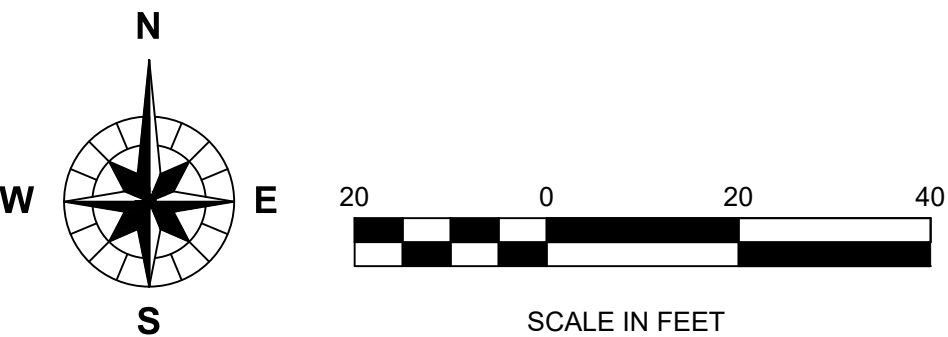
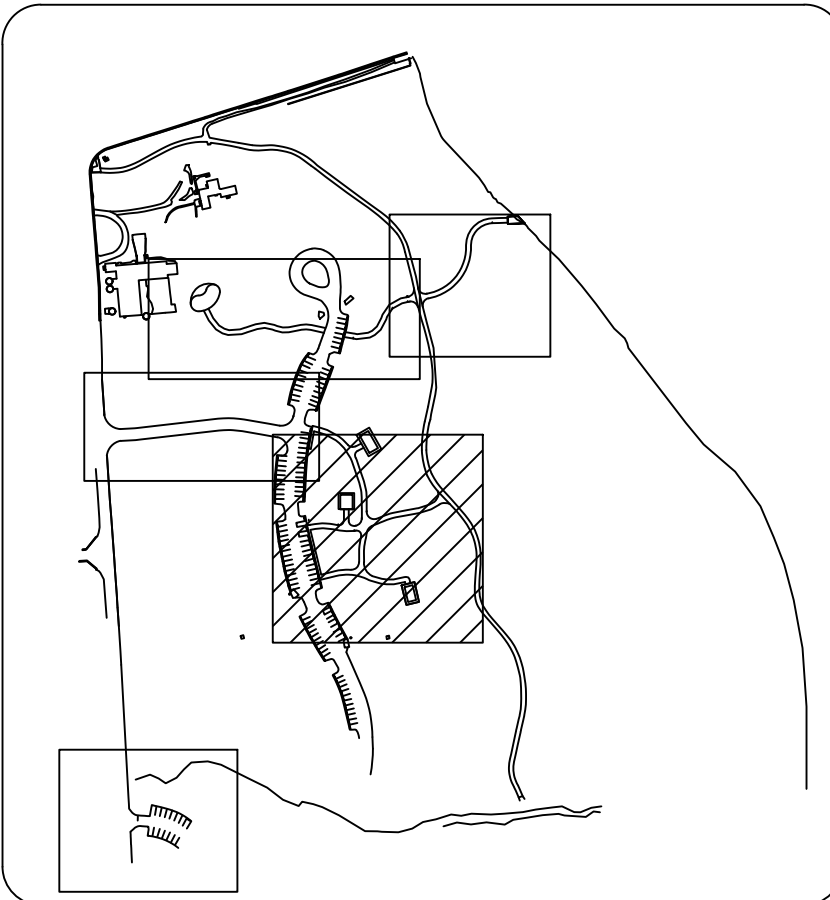
SHEET 21 of 128



NOTES

- SITE LAYOUT**
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MAP KEY



OWNER: **FOREST PRESERVE DISTRICT**
DU PAGE COUNTY

STREET ADDRESS: 3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

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SHEET TITLE:
CIVIL LAYOUT PLAN

SHEET NO:
C1.02

SHEET 22 of 128

NOTES

- SITE LAYOUT
- EXISTING SITE INFORMATION SUPPLIED BY WEBSTER, McGRATH & AHLBERG, INC., 207 SOUTH NAPERVILLE ROAD, WHEATON, IL 60187; PHONE: (630) 668-7603, ALL QUANTITIES AND DESIGN BASED UPON SAME.
 - LAYOUT BENCHMARK STATIONING TIES IN WITH COUNTY COORDINATE DATUM. BRASS DISK IN CONCRETE AT V3 CORPORATE OFFICE IN WOODRIDGE. NOT SHOWN ON PLAN
 - ALL LAYOUT TO BE PERFORMED BY THE CONTRACTOR AND MUST BE REVIEWED AND APPROVED BY THE PROJECT REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION.
 - LAYOUT OF ALL PATHWAYS SHALL BE SMOOTH AND CONTINUOUS. PROJECT REPRESENTATIVE WILL REVIEW STAKED LAYOUT AND FORMWORK BEFORE CONSTRUCTION BEGINS.
 - PROJECT INCLUDES 10,142 SQ FT OF NET NEW IMPERVIOUS AREA.

OWNER: STREET ADDRESS:
3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS:
P.O. BOX 5000
WHEATON, IL 60189-5000

CONTACT NUMBERS:
PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599

85127 GREENE RD, NAPERVILLE, IL 60540

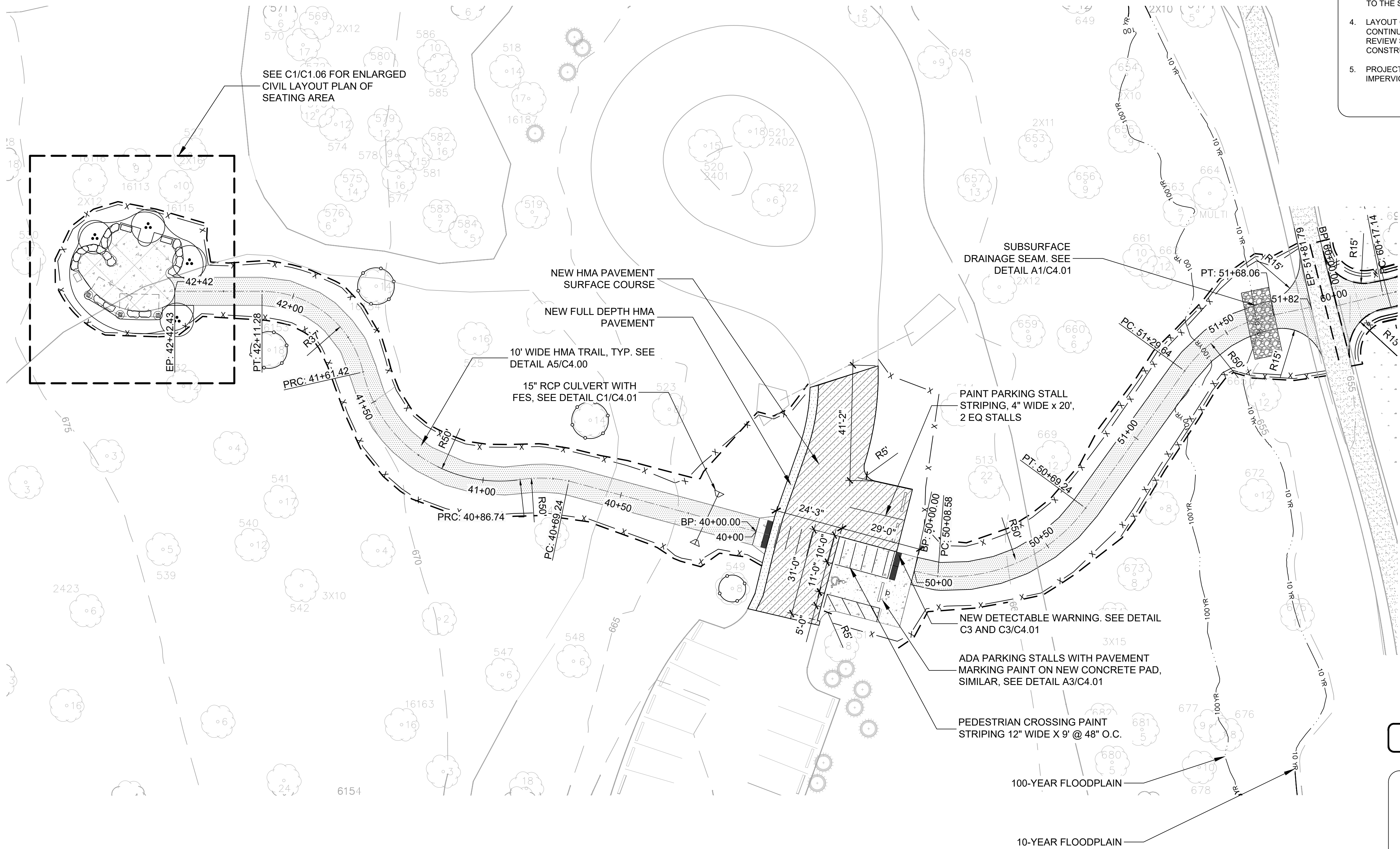
CONSULTANT: PH#: SUBCONSULTANT: PH#: FAX#

MARK:	DATE:	DESCRIPTION:
1	7/31/2026	Issue For Bid

PROJECT NO: Z-152-014
DRAWN BY:
CHECKED BY:
DATE: 7/17/2026
SCALE:

SHEET TITLE:
CIVIL LAYOUT
PLAN

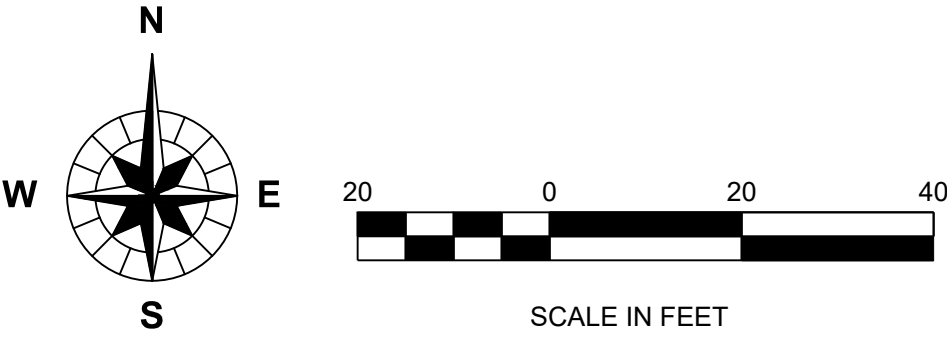
SHEET NO:
C1.03
SHEET 23 of 128

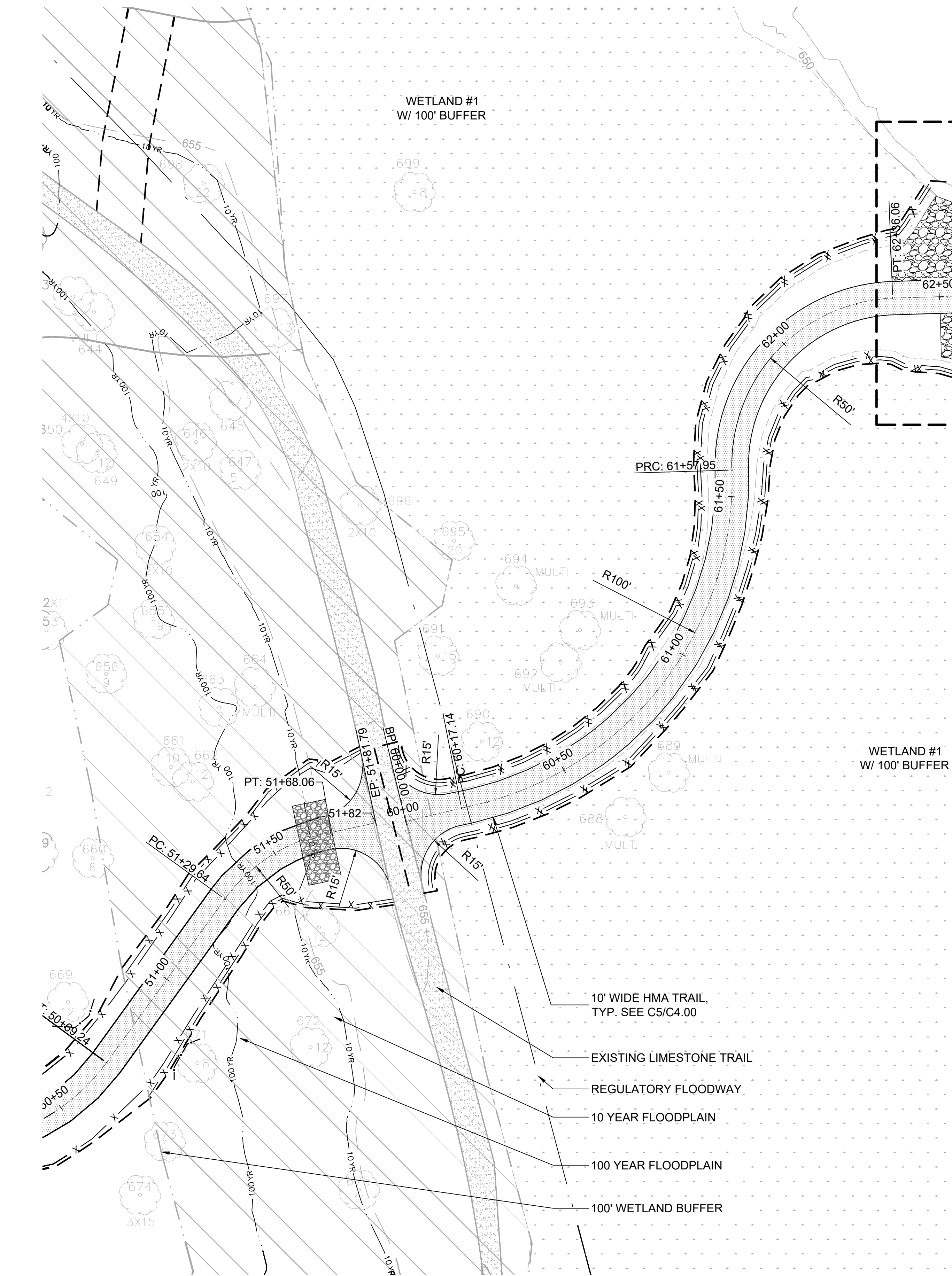


MAP KEY



A1 CIVIL LAYOUT PLAN
C1.03 SCALE: 1"=20'





A1
C1.04
CIVIL LAYOUT PLAN
SCALE: 1"=20'

**EAST BRANCH
DUPAGE RIVER**

SEE B4/C1.04 FOR
ENLARGED CIVIL LAYOUT
PLAN

WETLAND #1
W/ 100' BUFFER

10' WIDE HMA TRAIL,
TYP. SEE C5/C4.00

EXISTING LIMESTONE TRAIL

REGULATORY FLOODWAY

10 YEAR FLOODPLAIN

100 YEAR FLOODPLAIN

100' WETLAND BUFFER

NOTES

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10' WIDE HMA TRAIL,
SEE C1 AND C3/C4.00

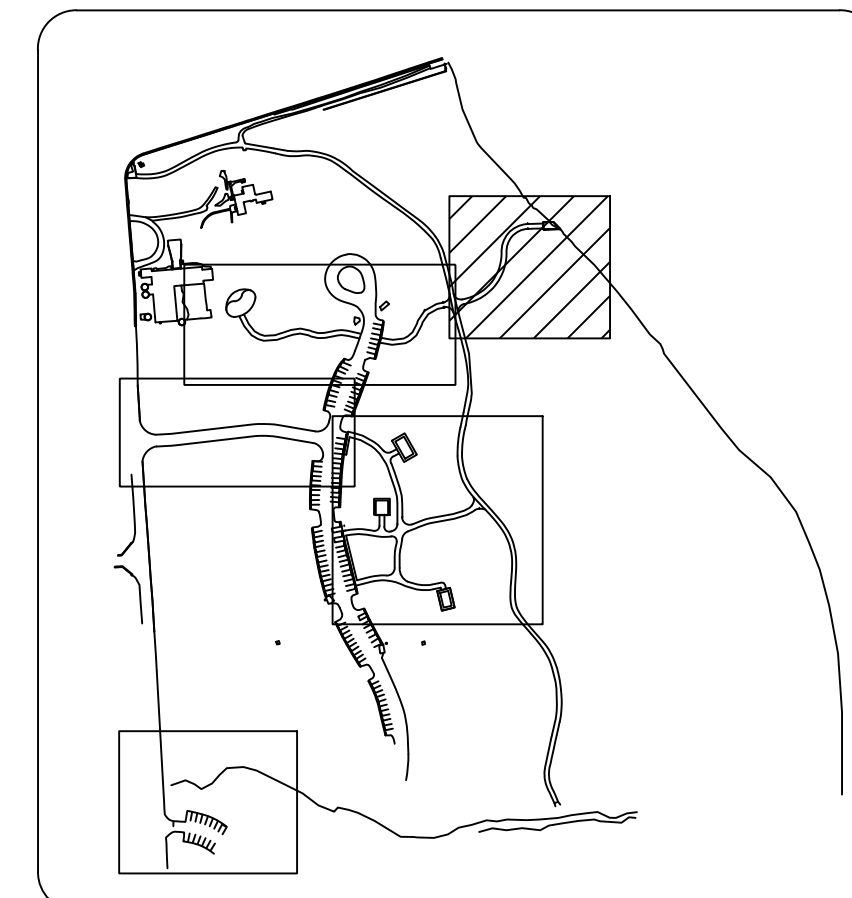
NORMAL WATER LINE

CONCRETE APRON WITH 6" THICKENED
EDGE, SEE DETAIL D5/C4.00

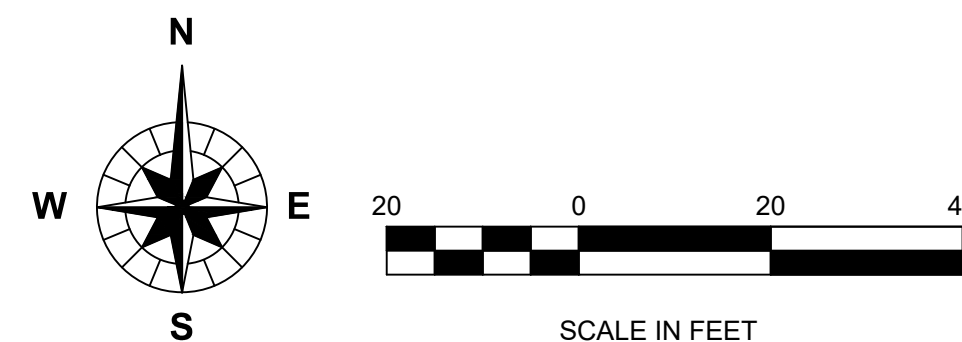
GRANITE COBBLE BANK
STABILIZATION AT KAYAK
LAUNCH, SEE DETAIL D1/C4.00

GRANITE COBBLE BANK
STABILIZATION, SEE DETAIL D3/C4.00

MAP KEY



B4
C1.04
CIVIL LAYOUT PLAN - KAYAK LAUNCH
SCALE: 1"=20'



OWNER: **FOREST PRESERVE DISTRICT**
DU PAGE COUNTY

STREET ADDRESS: 3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS: P.O. BOX 5000
WHEATON, IL 60189-5000

CONTACT NUMBERS: PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE RECREATIONAL IMPROVEMENTS OSLAD GRANT 25-2599

85127 GREENE RD, NAPERVILLE, IL 60540

MARK:	DATE:	DESCRIPTION:
1	7/31/2026	Issue For Bid

PROJECT NO: Z-152-014
DRAWN BY:
CHECKED BY:
DATE: 7/17/2026
SCALE:

SHEET TITLE: CIVIL LAYOUT PLAN

SHEET NO:

C1.04

SHEET 24 of 128

CAD DWG FILE: \\dupr-planning\Preserve\33-WB\33-24-000\Bldg-40 OS\A01\Drawing\CAD\Printin.dwg

GREENE ROAD

503'39"16"E

12'-0"

3'-0"

R10'

R10'

670

26

665

10-3413

6

12

RESTORE EDGE OF PAVEMENT AS
REQUIRED PER LISLE TOWNSHIP HIGHWAY
DEPARTMENT, NEW PAINTED WHITE LANE
EDGE MARKING, 4" WIDE X 48'

EXISTING ASPHALT TO BE RETAINED AS
DEAD END TURNAROUND

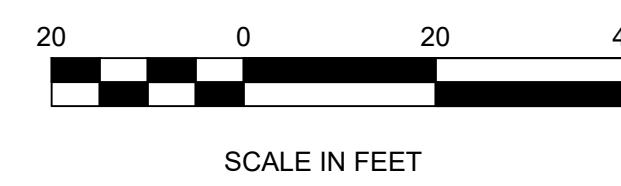
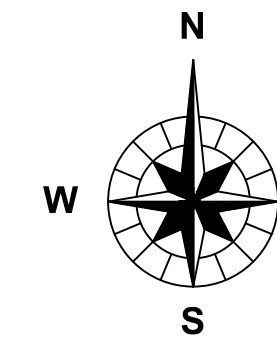
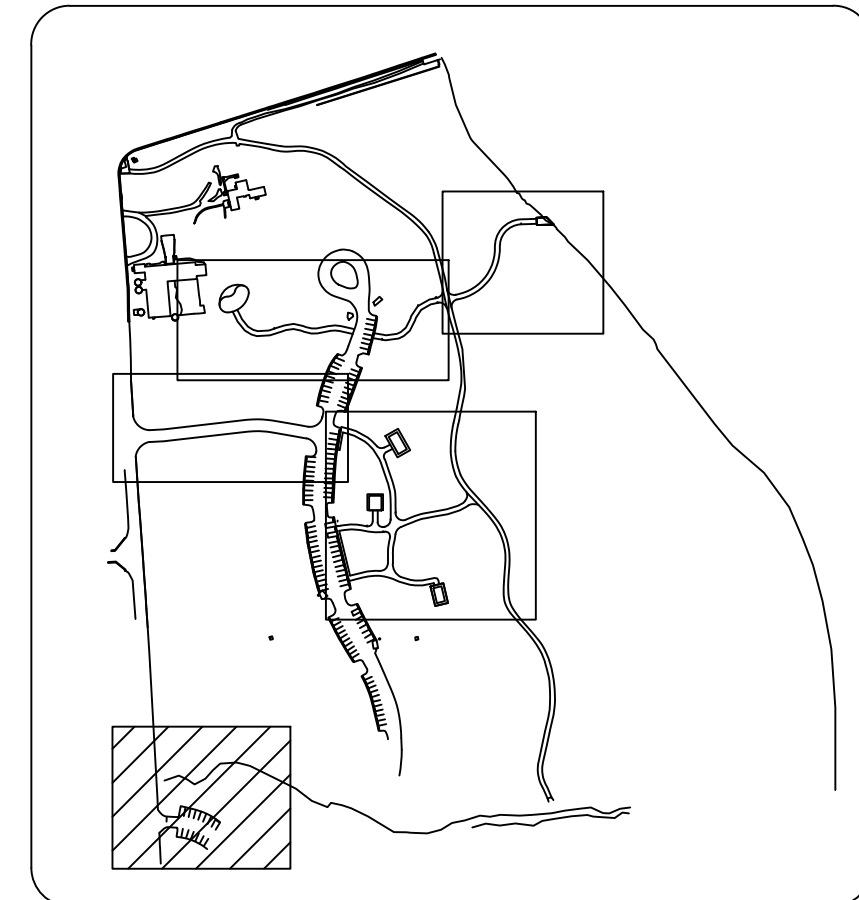
NEW PAINTED PARKING LOT STRIPING,
DIAGONAL 4" WIDE

NOTES

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MAP KEY



A1
C1.05
CIVIL LAYOUT PLAN
SCALE: 1"=20'

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DU PAGE COUNTY

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GREENE VALLEY FOREST PRESERVE RECREATIONAL IMPROVEMENTS OSLAD GRANT 25-2599

85127 GREENE RD, NAPERVILLE, IL 60540

SUBCONSULTANT:

PH#:

FAX#

PH#:

FAX#

CONSULTANT:

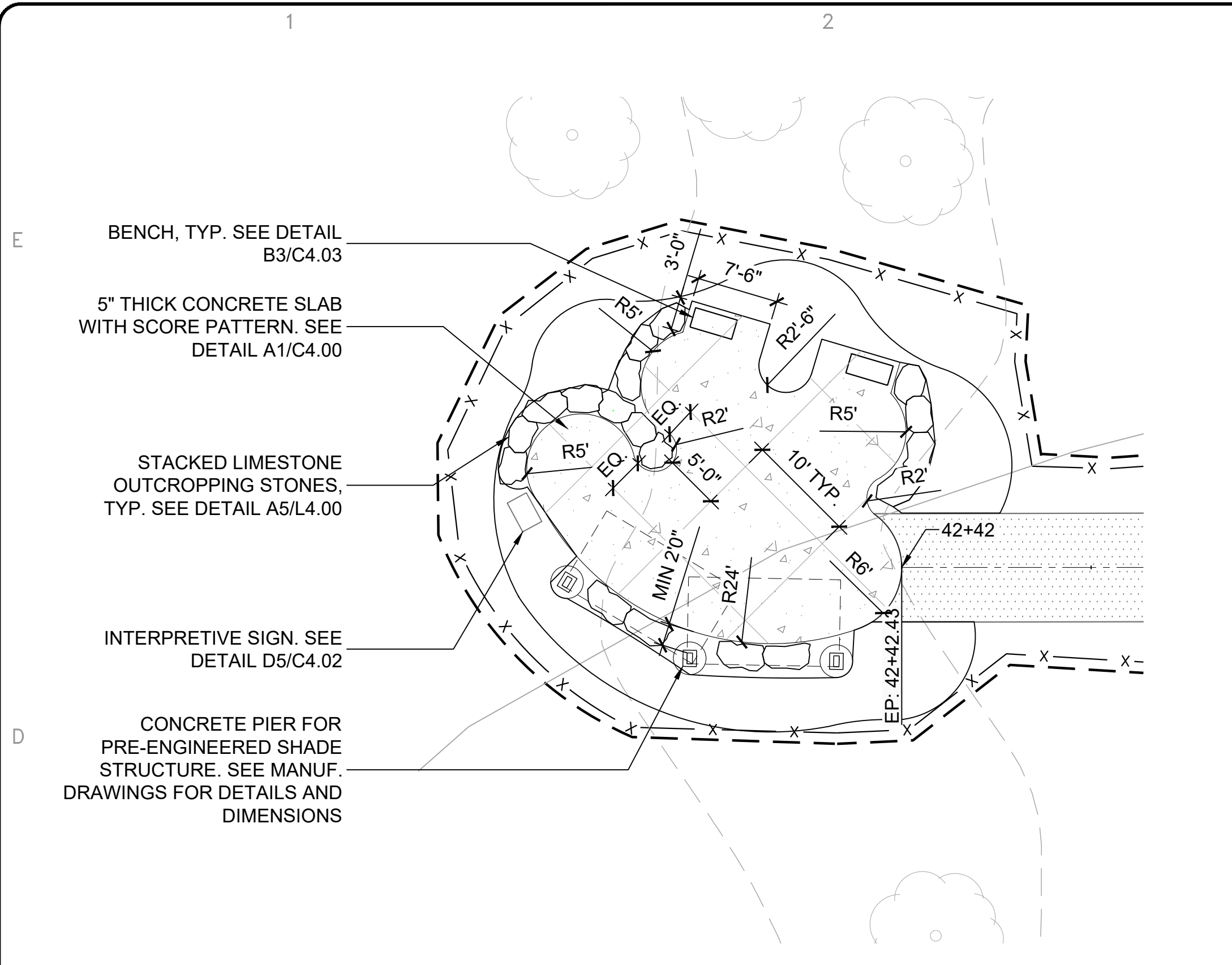
MARK:	DATE:	DESCRIPTION:
1	7/31/2026	Issue For Bid

PROJECT NO: Z-152-014
DRAWN BY:
CHECKED BY:
DATE: 7/17/2026
SCALE:

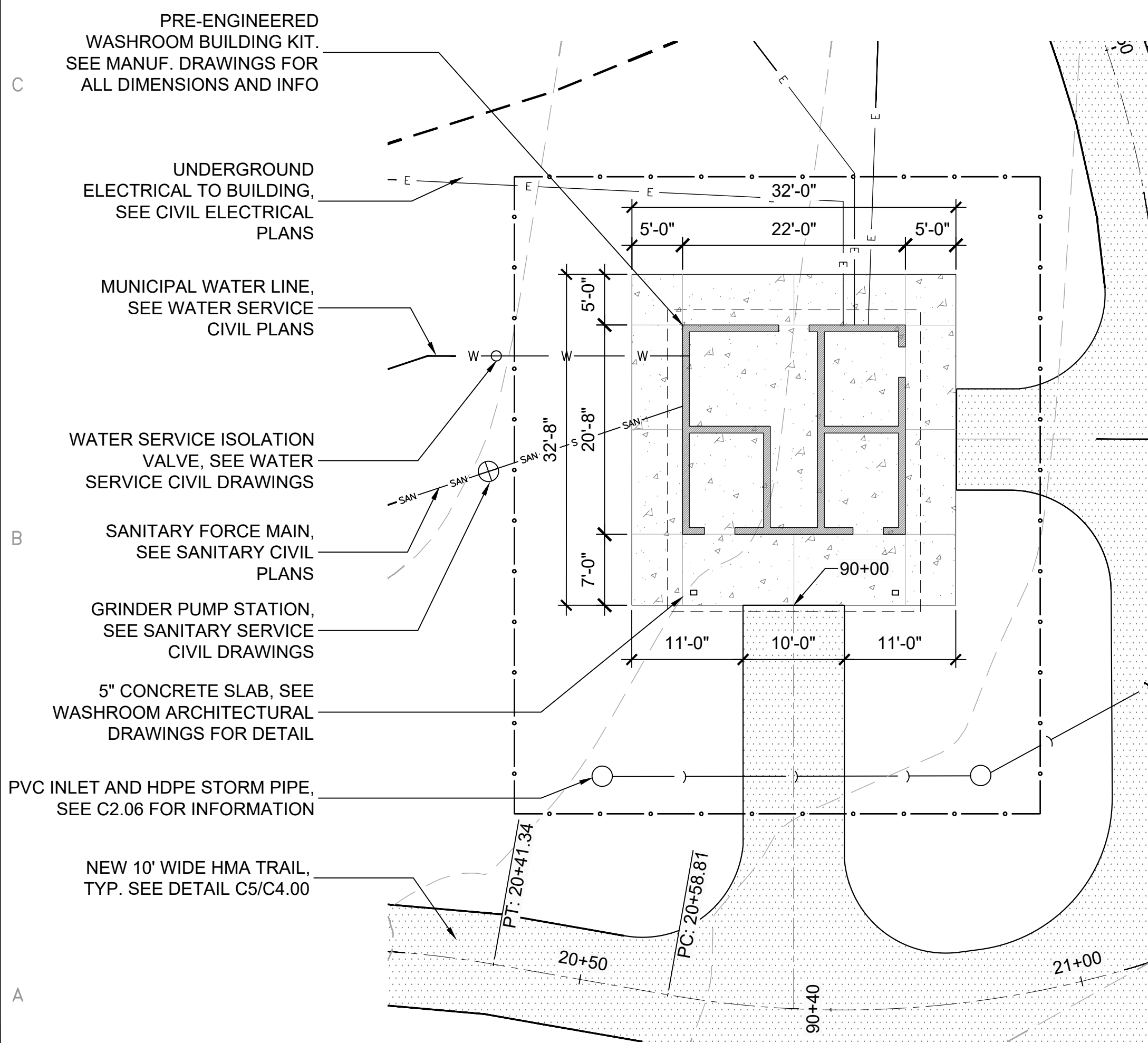
SHEET TITLE:
**CIVIL LAYOUT
PLAN**

SHEET NO:
C1.05
SHEET 25 of 128

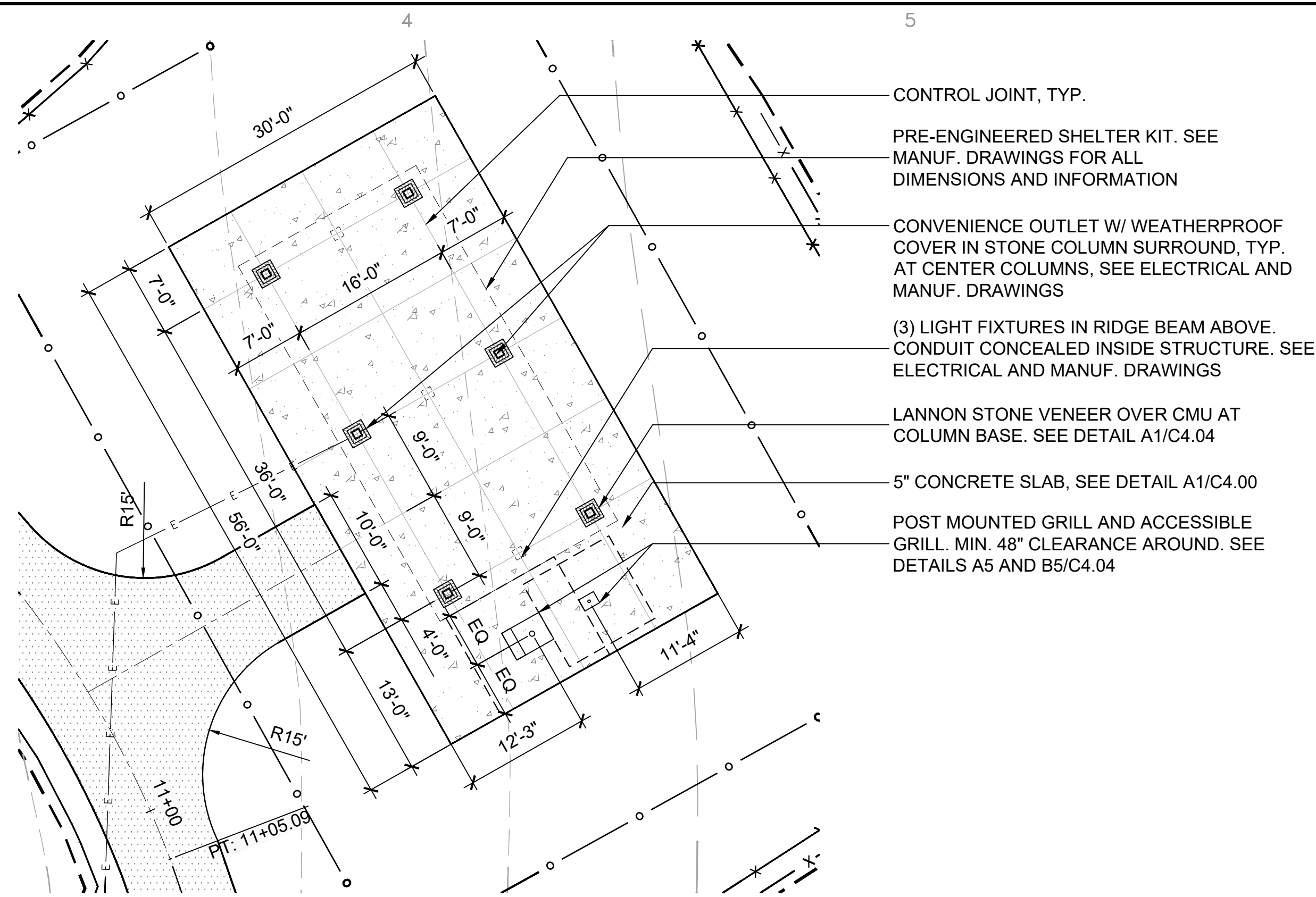
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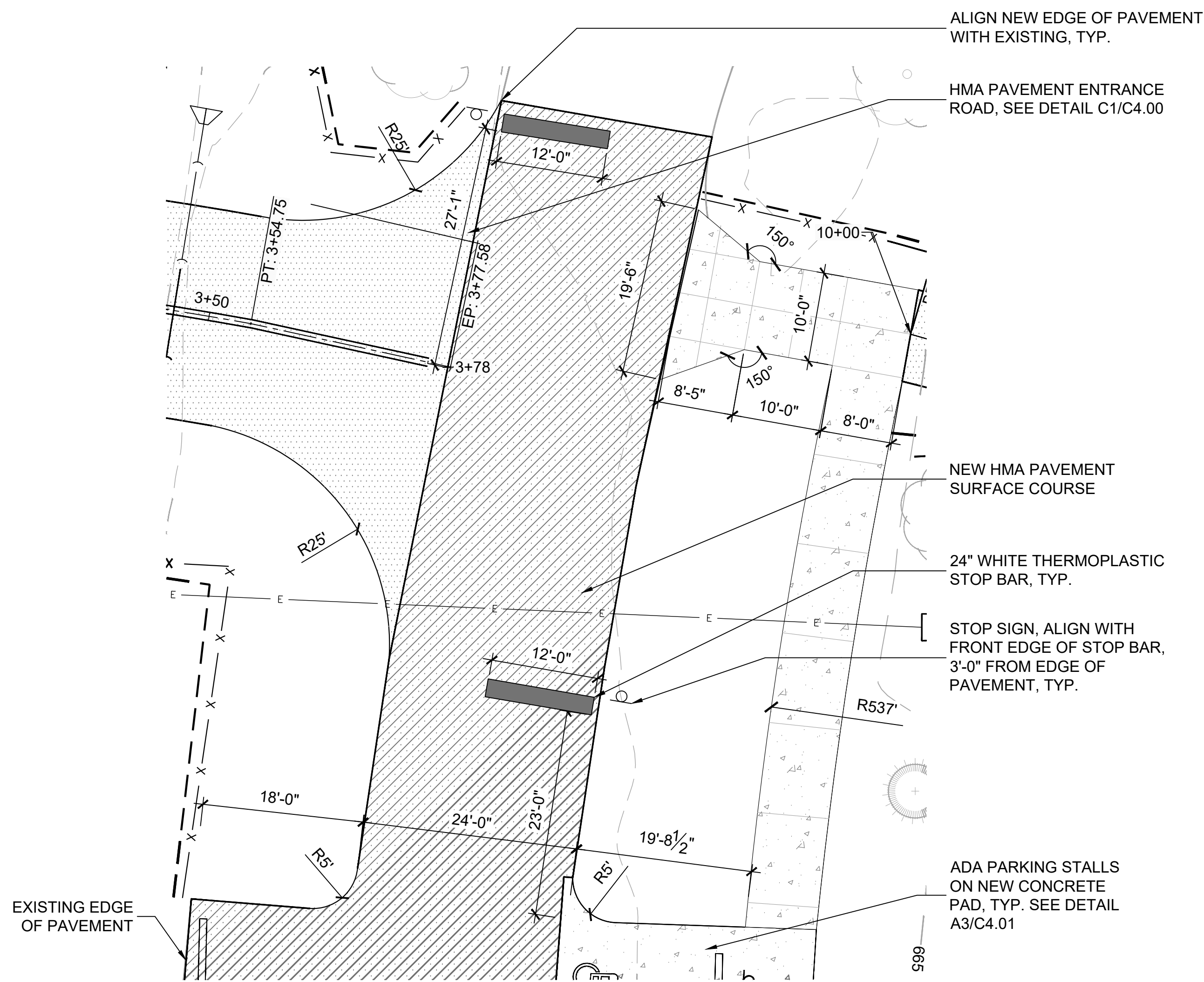
C1 CIVIL LAYOUT PLAN - SEATING AREA
C1.06 SCALE: 1"=10'



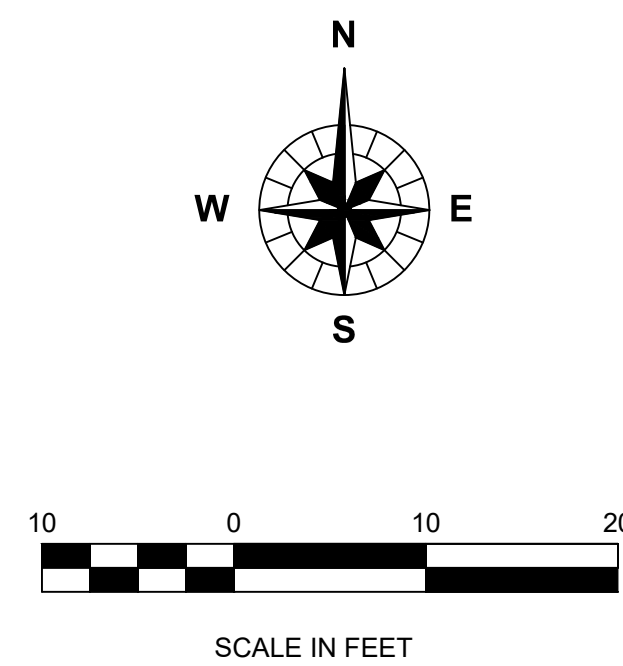
A1 CIVIL LAYOUT PLAN - WASHROOM
C1.06 SCALE: 1"=10'



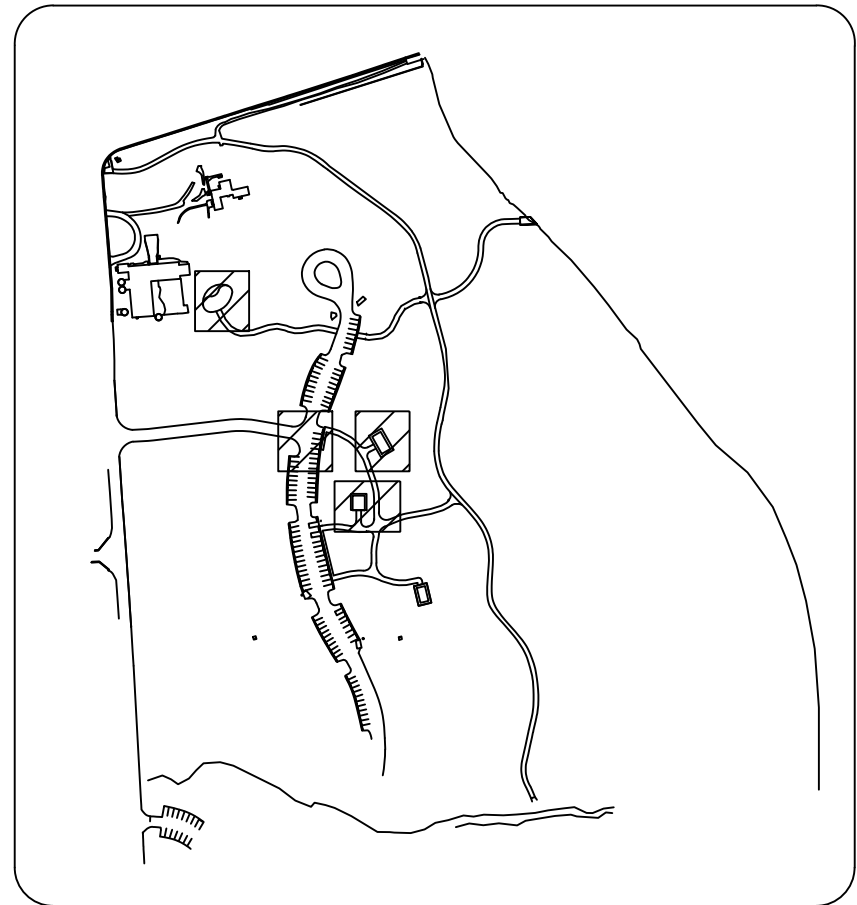
C3 CIVIL LAYOUT PLAN - PICNIC SHELTER
C1.06 SCALE: 1"=10'



A3 CIVIL LAYOUT PLAN - PARKING LOT
C1.06 SCALE: 1"=10'



MAP KEY



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GREENE VALLEY FOREST PRESERVE RECREATIONAL IMPROVEMENTS OSLAD GRANT 25-2599

85127 GREENE RD, NAPERVILLE, IL 60540

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DRAWN BY:
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SCALE:

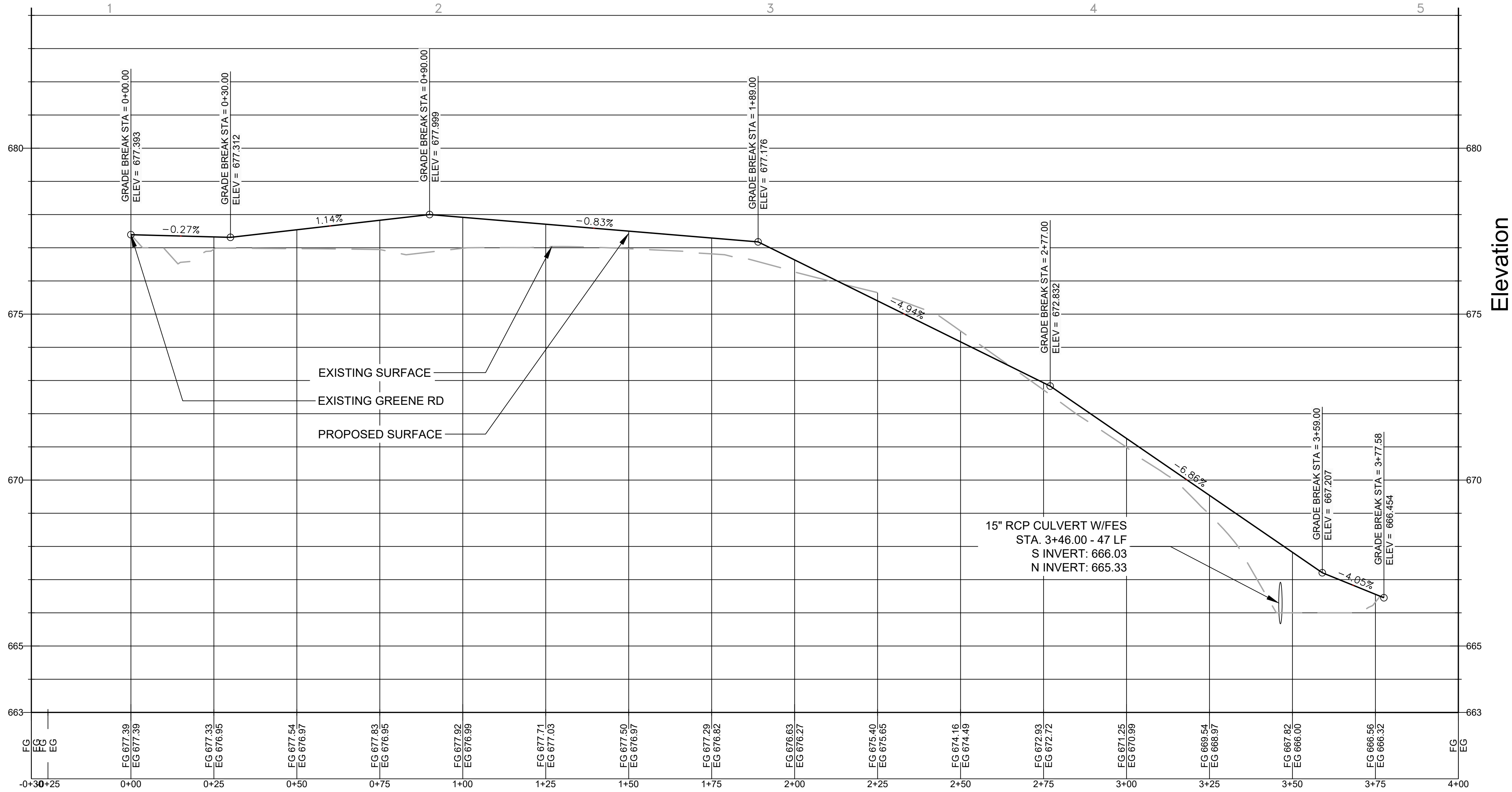
CIVIL LAYOUT PLANS - ENLARGED

SHEET NO:

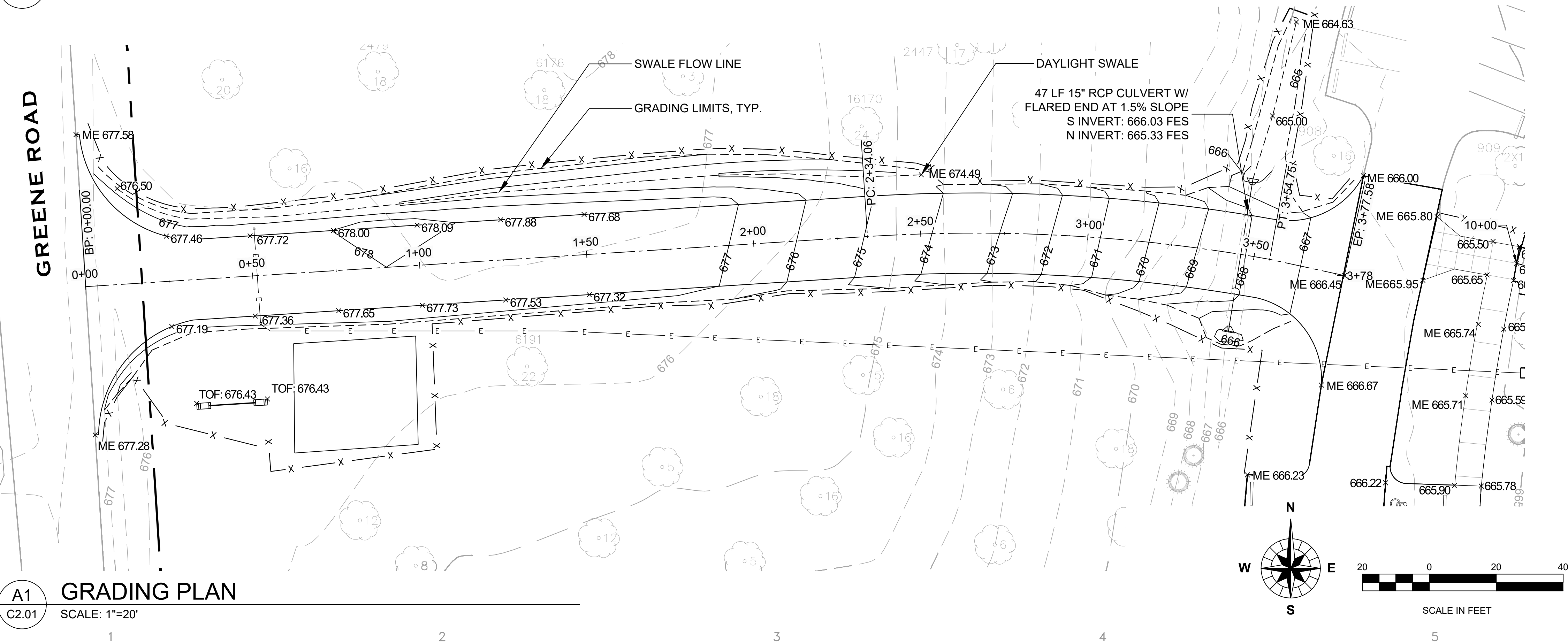
C1.06

SHEET 26 of 128

CAD DWG FILE: \\dapt - Planning\Preserve33-WB\33-346-000\Bact-40 OSLAD\dwg\CAD\Printm.dwg



C1 ROAD PROFILE (STA. 0+0.00 - 3+77.58)
C2.01 SCALE: 1"=20' 10:1 EXAGGERATED VERTICAL SCALE

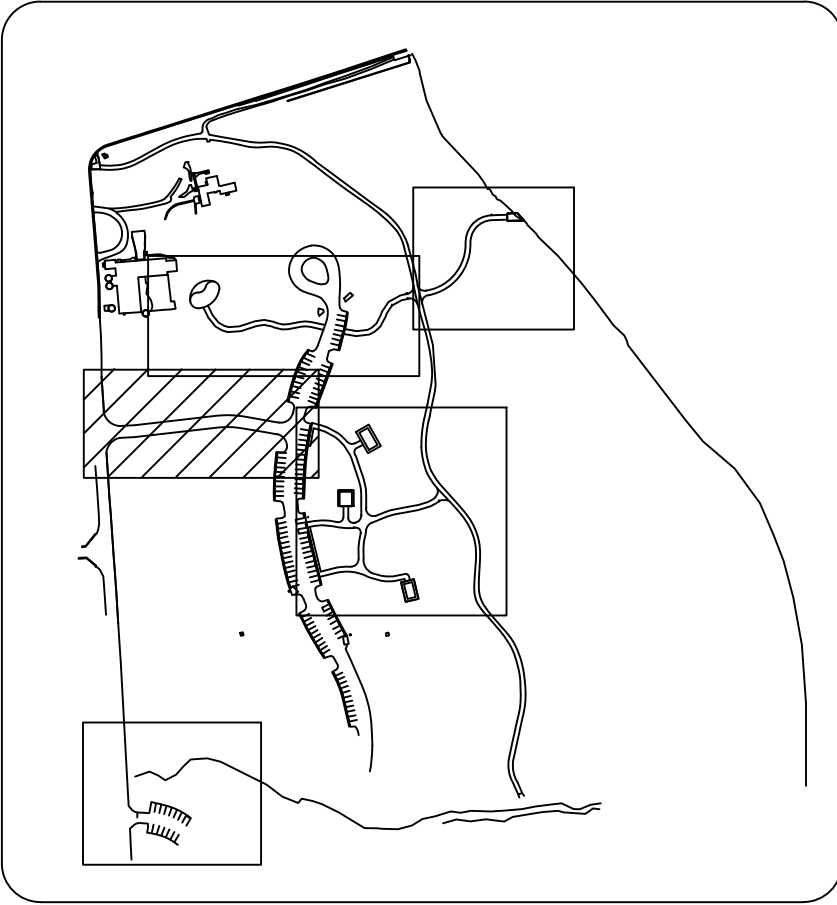


A1 GRADING PLAN
C2.01 SCALE: 1"=20'

NOTES

- GRADING AND UTILITIES
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 - FINISH GRADES SHALL MEET EXISTING GRADES AT LIMIT OF WORK AND BE 1/2" BELOW TOP OF ADJACENT PAVEMENT.
 - ALL CROSS SLOPES ARE DESIGNED AT 1.5% MAXIMUM TO ALLOW FOR +/- .5% TOLERANCE. NO CROSS SLOPE SHALL EXCEED 2%.
 - WHERE POSSIBLE, RUNNING SLOPES ARE DESIGNED AT 4.5% TO ALLOW FOR +/- .5% TOLERANCE. NO RUNNING SLOPE SHALL EXCEED 5%.
 - RESTORED GRADING IS BASED ON EXISTING TOPOGRAPHY AND SHALL POSITIVE DRAINAGE.

MAP KEY



OWNER: STREET ADDRESS:
3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS:
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GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599

85127 GREENE RD, NAPERVILLE, IL 60540

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1	7/31/2026	Issue For Bid

PROJECT NO: Z-152-014
DRAWN BY:
CHECKED BY:
DATE: 7/17/2026
SCALE:

SHEET TITLE:
GRADING PLAN

SHEET NO:
C2.01

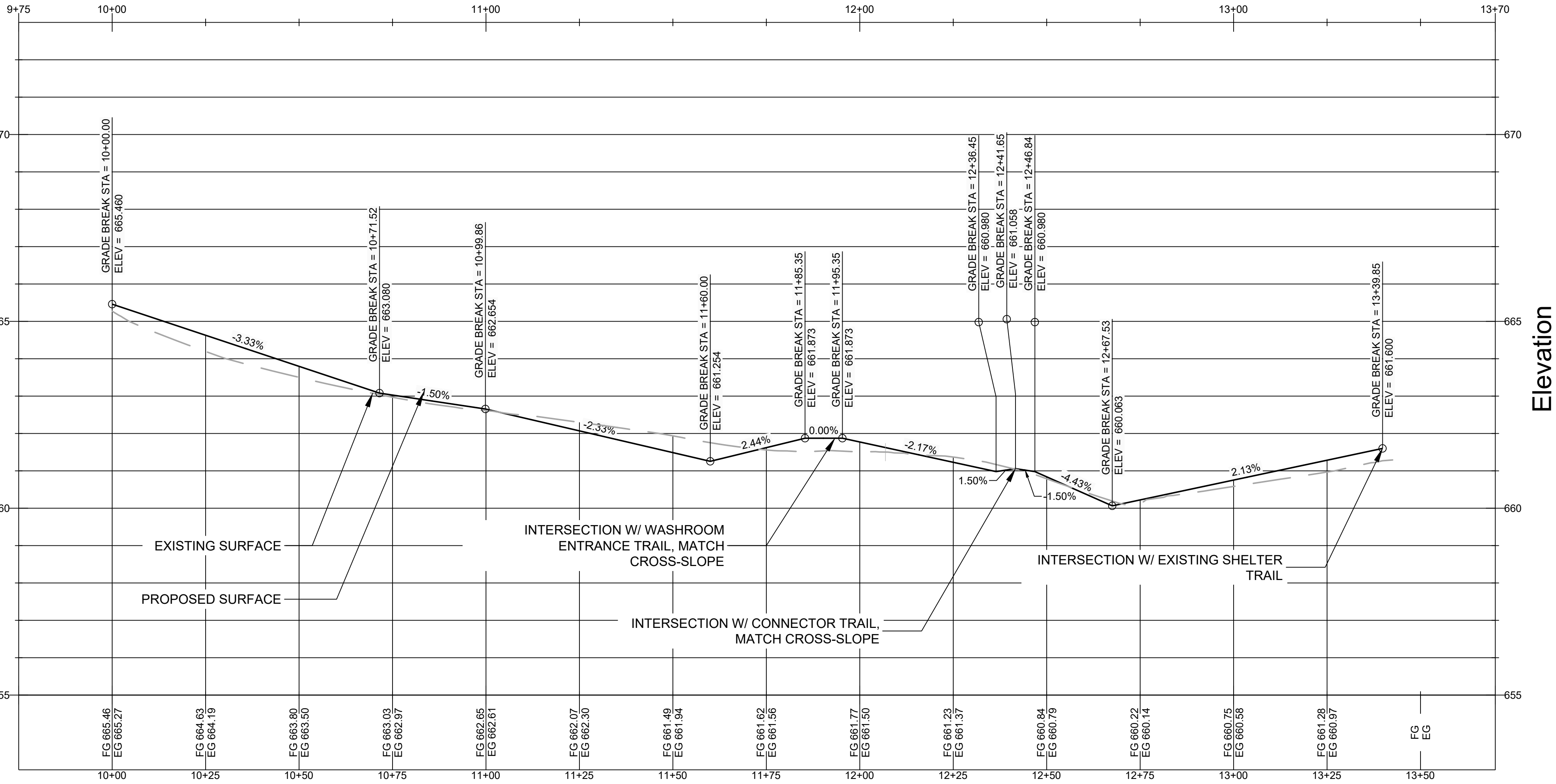
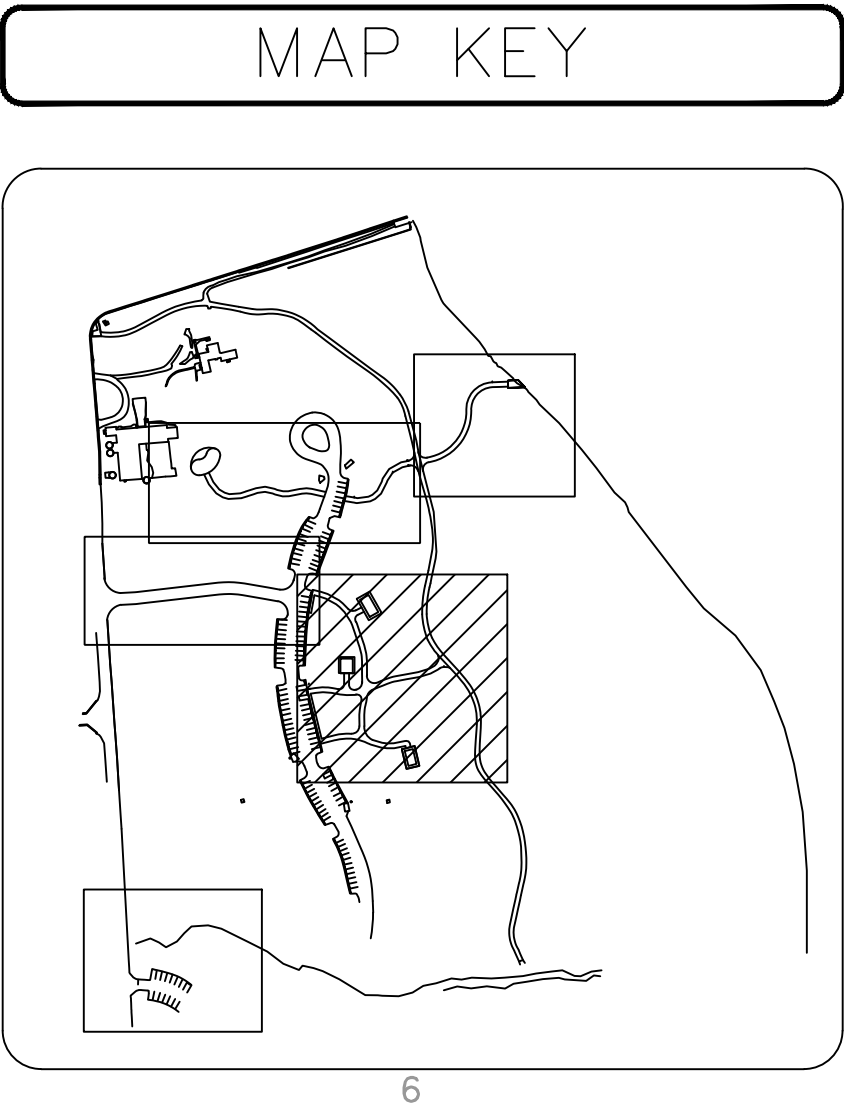
GREENE VALLEY FOREST PRESERVE
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OSLAD GRANT 25-2599
85127 GREENE RD, NAPERVILLE, IL 60540

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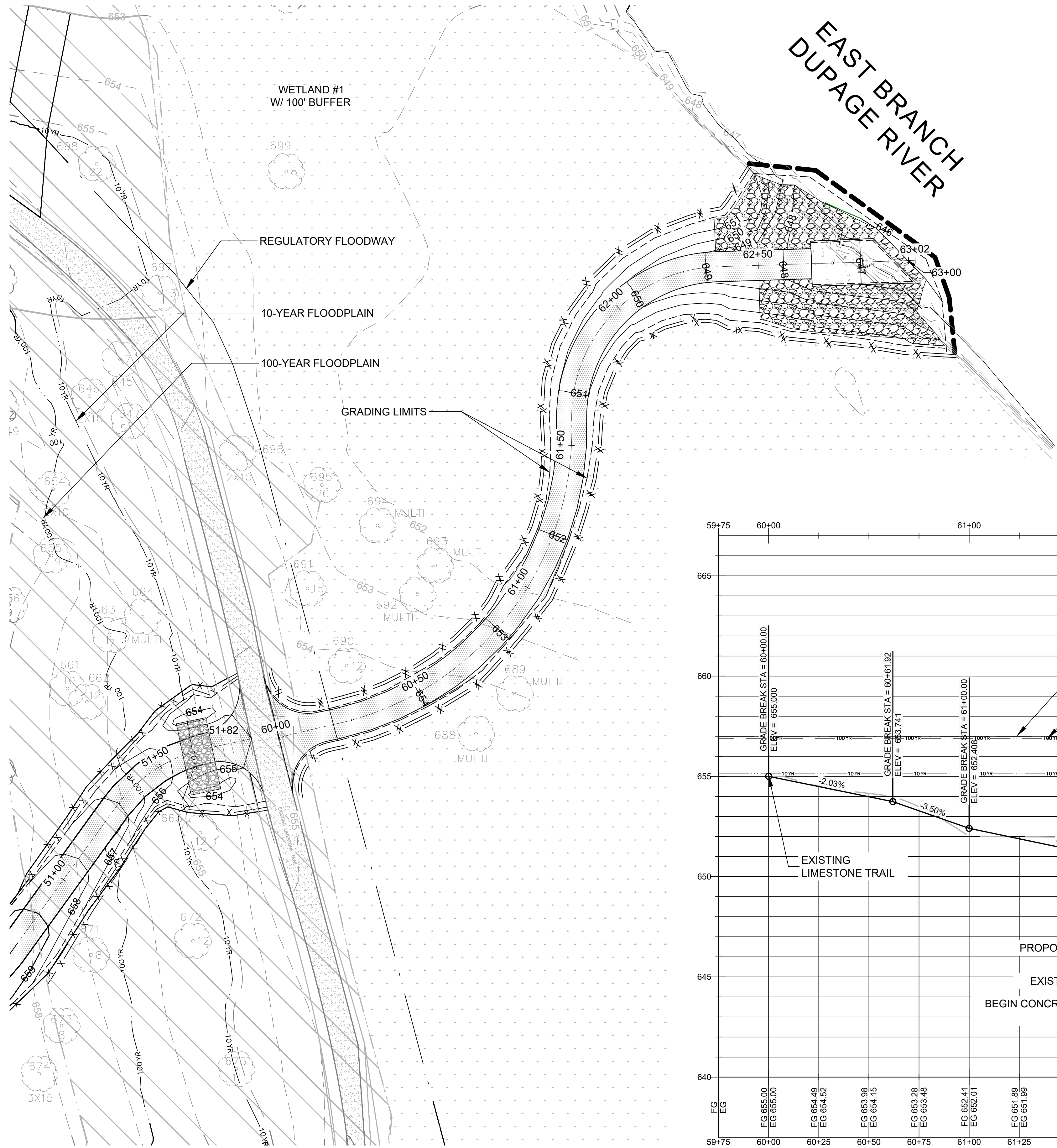
PROJECT NO:	Z-152-014
DRAWN BY:	
CHECKED BY:	
DATE:	7/17/2026
SCALE:	

SHEET TITLE:
PROFILE SHEET

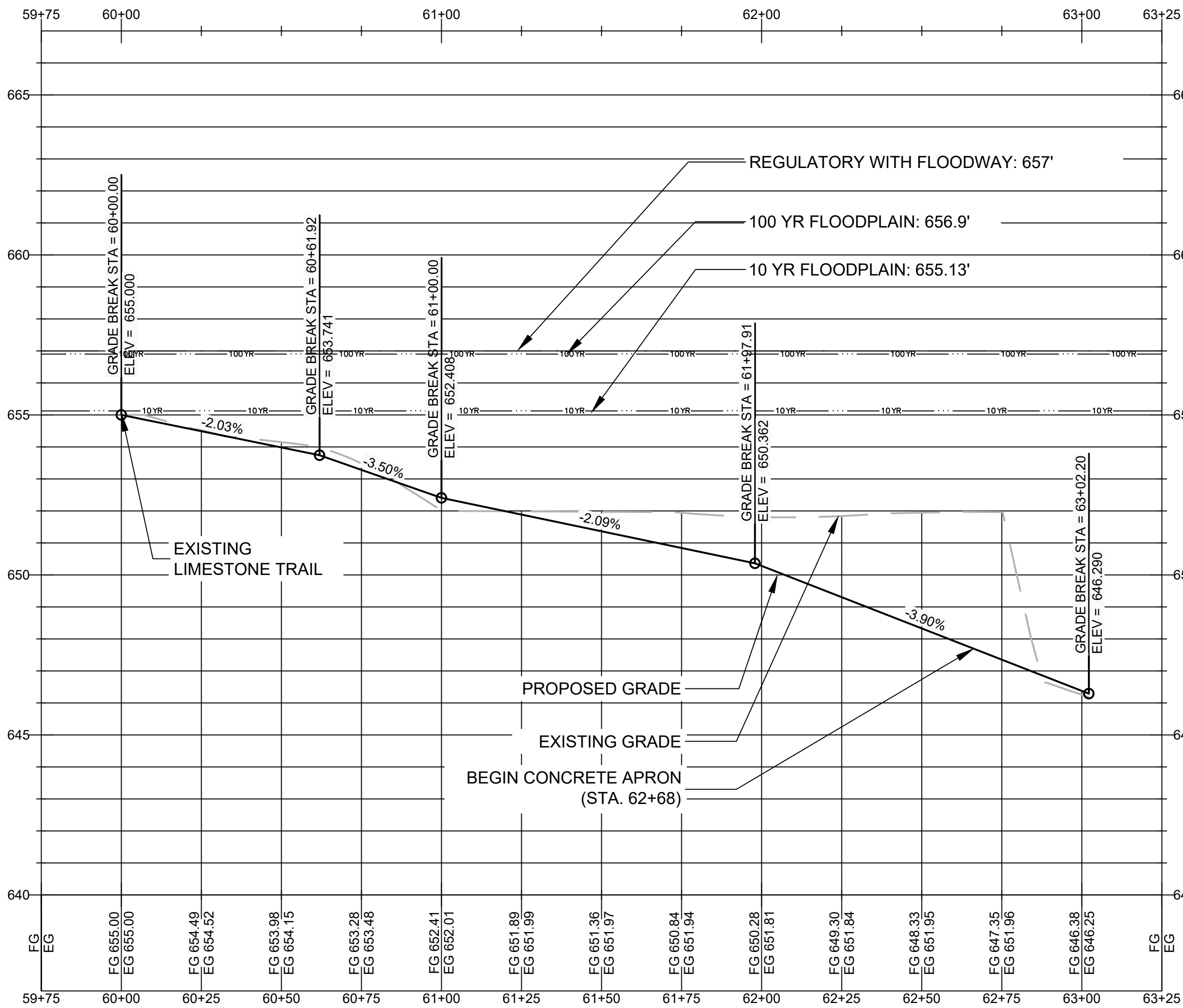
SHEET NO:
C2.02C
SHEET 30 of 128



A1 NORTH-SOUTH CONNECTOR - TRAIL PROFILE (STA. 10+00.00 -13+39.85)
C2.02B SCALE: 1"=20' 10:1 EXAGGERATED VERTICAL SCALE



A1 GRADING PLAN
C2.04 SCALE: 1"=20'



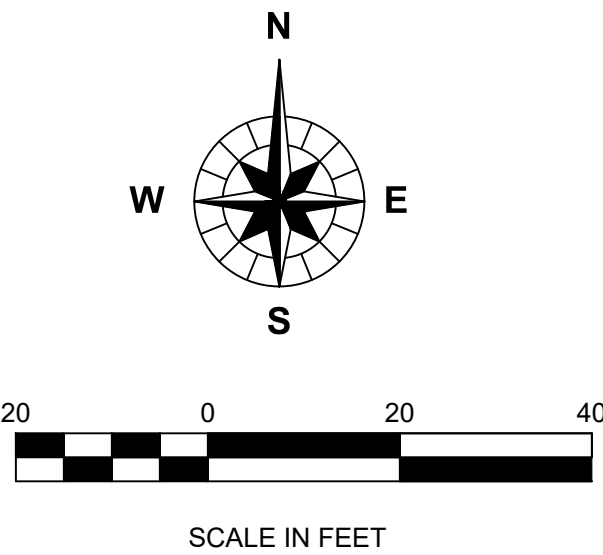
A3 TRAIL PROFILE (STA. 60+00.00 - 63+02.20)
C2.04 SCALE: 1"=30' 10:1 EXAGGERATED VERTICAL SCALE

NOTES

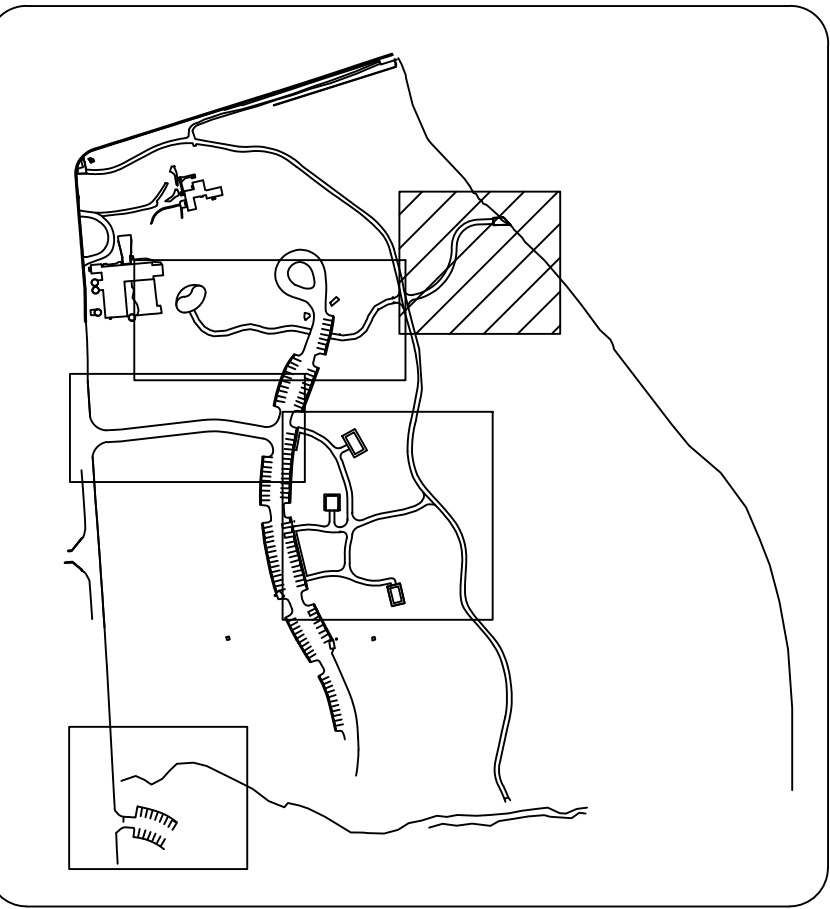
GRADING AND UTILITIES

1. PRIOR TO THE COMMENCEMENT OF WORK, VERIFY LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY CONSTRUCTION AND TAKE RESPONSIBILITY FOR DAMAGES TO SUCH UTILITIES CAUSED AS A RESULT OF CONSTRUCTION.
2. TAKE ALL NECESSARY PRECAUTIONARY MEASURES TO PROTECT THE PUBLIC AND ADJACENT PROPERTIES FROM DAMAGE THROUGHOUT CONSTRUCTION, INCLUDING DAMAGES TO UTILITIES, WALKS, DRIVES, CURBS, ETC.
3. TAKE NOTE OF ALL GRADING AND DRAINAGE WAYS AND MAINTAIN THESE DRAIN WAYS FLOWS FREE OF OBSTRUCTIONS.
4. PREPARE ALL SUBGRADES IN ACCORDANCE WITH SPECIFICATIONS. PROVIDE PROOF OF ALL REQUIRED SOIL COMPACTION TO THE PROJECT REPRESENTATIVE
5. TOPSOIL WITHIN GRADING LIMITS SHALL BE STRIPPED AND STOCKPILED PRIOR TO GRADING OPERATIONS.
6. ALL GRADES ARE SURFACE GRADES UNLESS OTHERWISE NOTED.
7. GRADES SHALL SLOPE TO DRAIN, BE FREE OF DEPRESSIONS OR OTHER IRREGULARITIES AFTER COMPACTION OF SOIL AND INSTALLATION OF PAVEMENT, AND SHALL BE UNIFORM IN SLOPE BETWEEN THE ELEVATIONS INDICATED, UNLESS NOTED OTHERWISE.
8. FINISH GRADES SHALL MEET EXISTING GRADES AT LIMIT OF WORK AND BE 1/2" BELOW TOP OF ADJACENT PAVEMENT.
9. ALL CROSS SLOPES ARE DESIGNED AT 1.5% MAXIMUM TO ALLOW FOR +/- .5% TOLERANCE. NO CROSS SLOPE SHALL EXCEED 2%.
10. WHERE POSSIBLE, RUNNING SLOPES ARE DESIGNED AT 4.5% TO ALLOW FOR +/- .5% TOLERANCE. NO RUNNING SLOPE SHALL EXCEED 5%.
11. RESTORED GRADING IS BASED ON EXISTING TOPOGRAPHY AND SHALL POSITIVE DRAINAGE.

Elevation



MAP KEY



OWNER: STREET ADDRESS:
3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761
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GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599
85127 GREENE RD, NAPERVILLE, IL 60540

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SCALE:

SHEET TITLE:

GRADING PLAN

SHEET NO:

C2.04

SHEET 32 of 128

GREENE VALLEY FOREST PRESERVE

RECREATIONAL IMPROVEMENTS

OSLAD GRANT 25-2599

85127 GREENE RD, NAPERVILLE, IL 60540

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SCALE:	

SHEET TITLE:

GRADING PLAN

SHEET NO:

C2.04B

SHEET 33 of 128

NOTES

- GRADING AND UTILITIES
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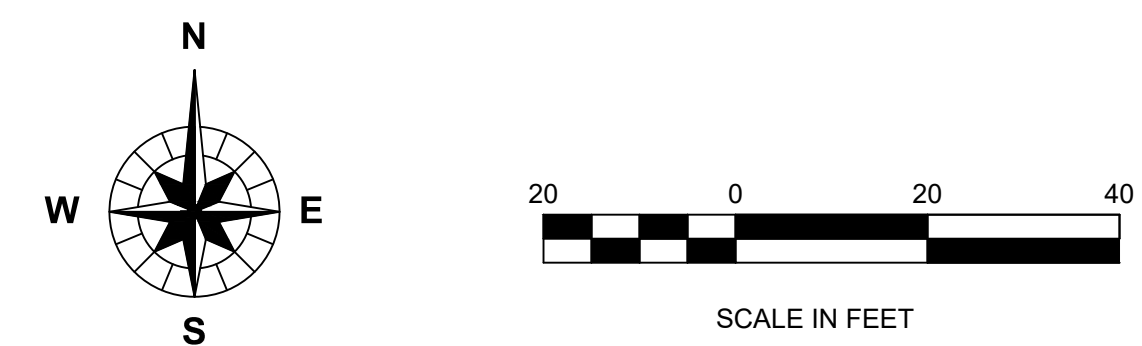
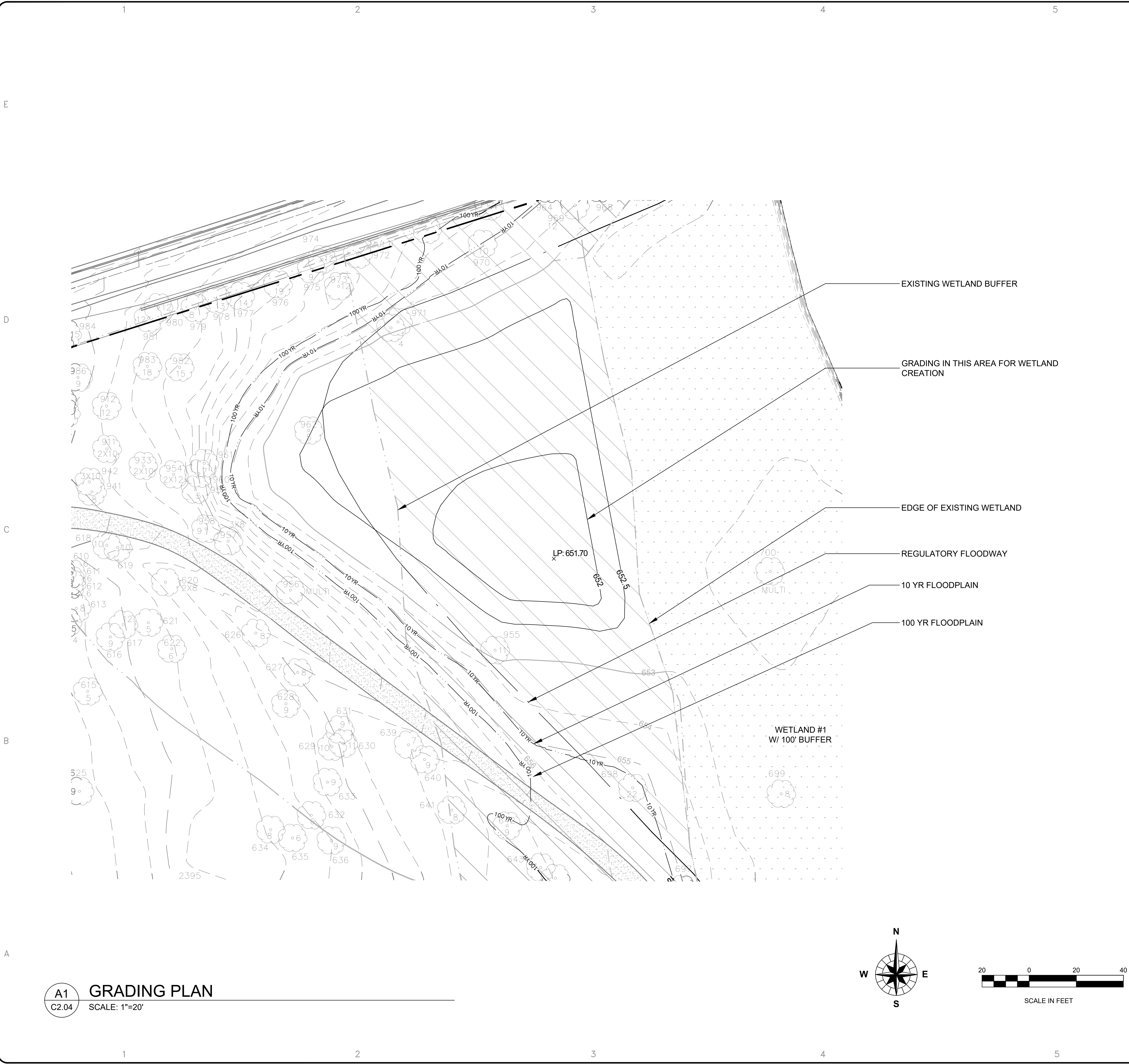
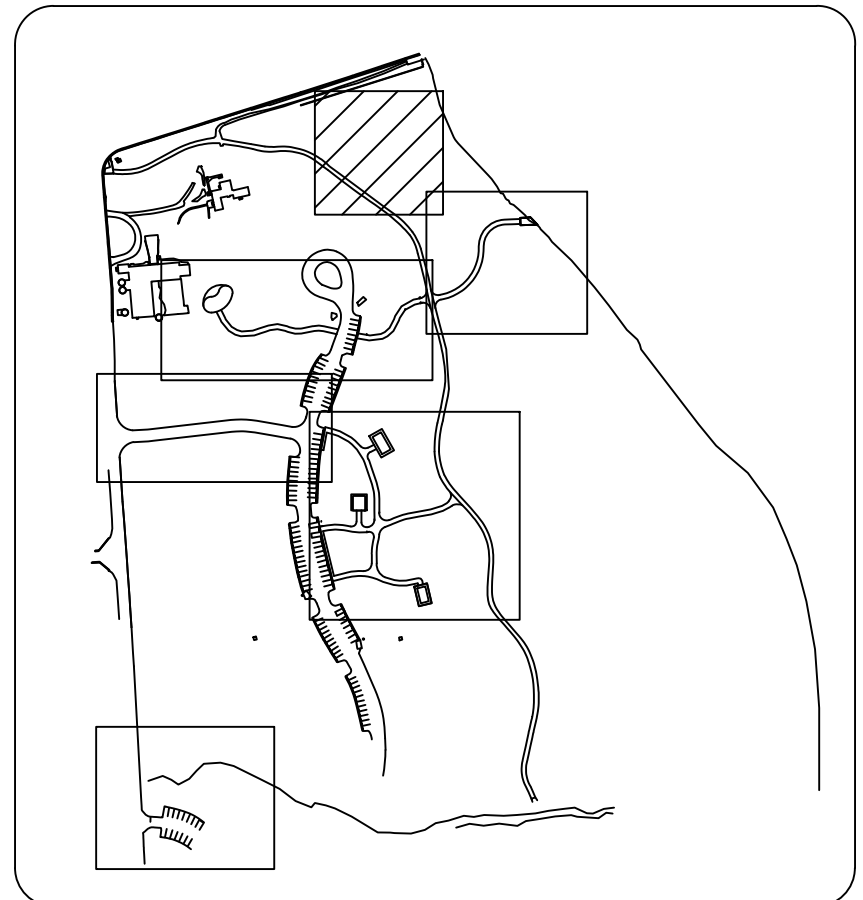
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MAP KEY



A1

C2.04

GRADING PLAN

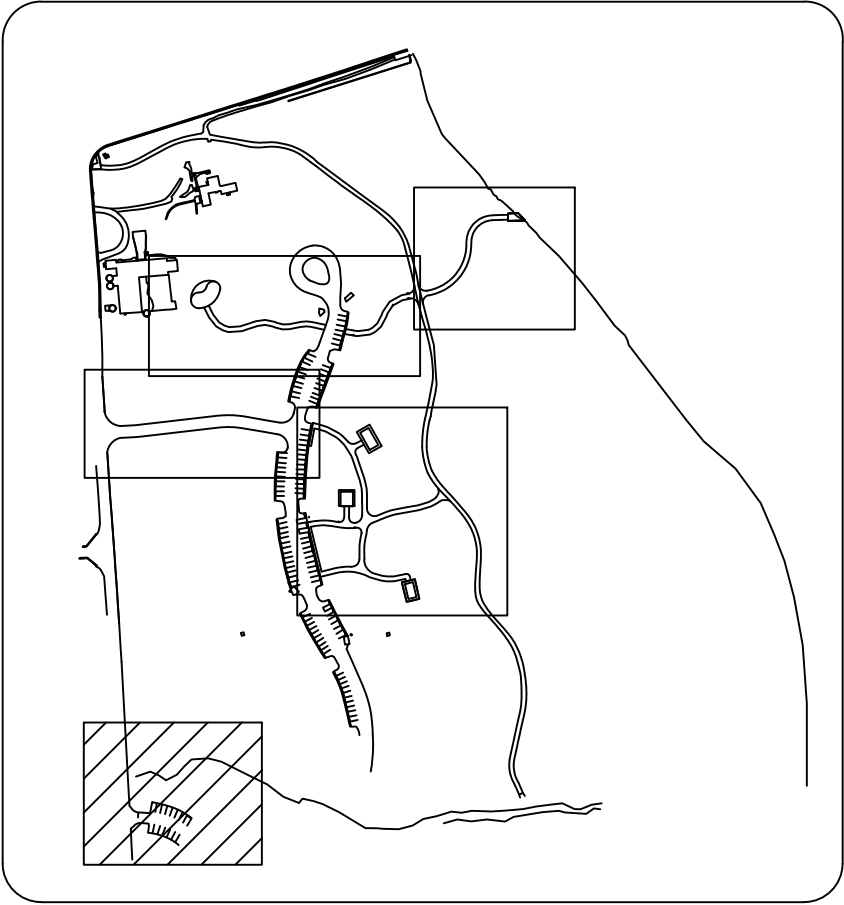
SCALE: 1"=20'

CAD DWG FILE: \\dept-planning\Preserve33-WB\B-340-000\Back-40 OSLAD\dwg\Grading\CAD\Printin.dwg

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MAP KEY



GRADING AND SHAPING DITCH.
CONTRACTOR SHALL ENSURE POSITIVE
DRAINAGE FOR PROPOSED SWALE
BETWEEN EXISTING GRADE CONTOURS

GREENE ROAD

503.39716"E

12'-0"

665

666

667

668

669

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GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599

85127 GREENE RD, NAPERVILLE, IL 60540

PH#:

FAX#

SUBCONSULTANT:

PH#:

FAX#

CONSULTANT:

MARK:	DATE:	DESCRIPTION:
1	7/31/2026	Issue For Bid

PROJECT NO:	Z-152-014
DRAWN BY:	
CHECKED BY:	
DATE:	7/17/2026
SCALE:	

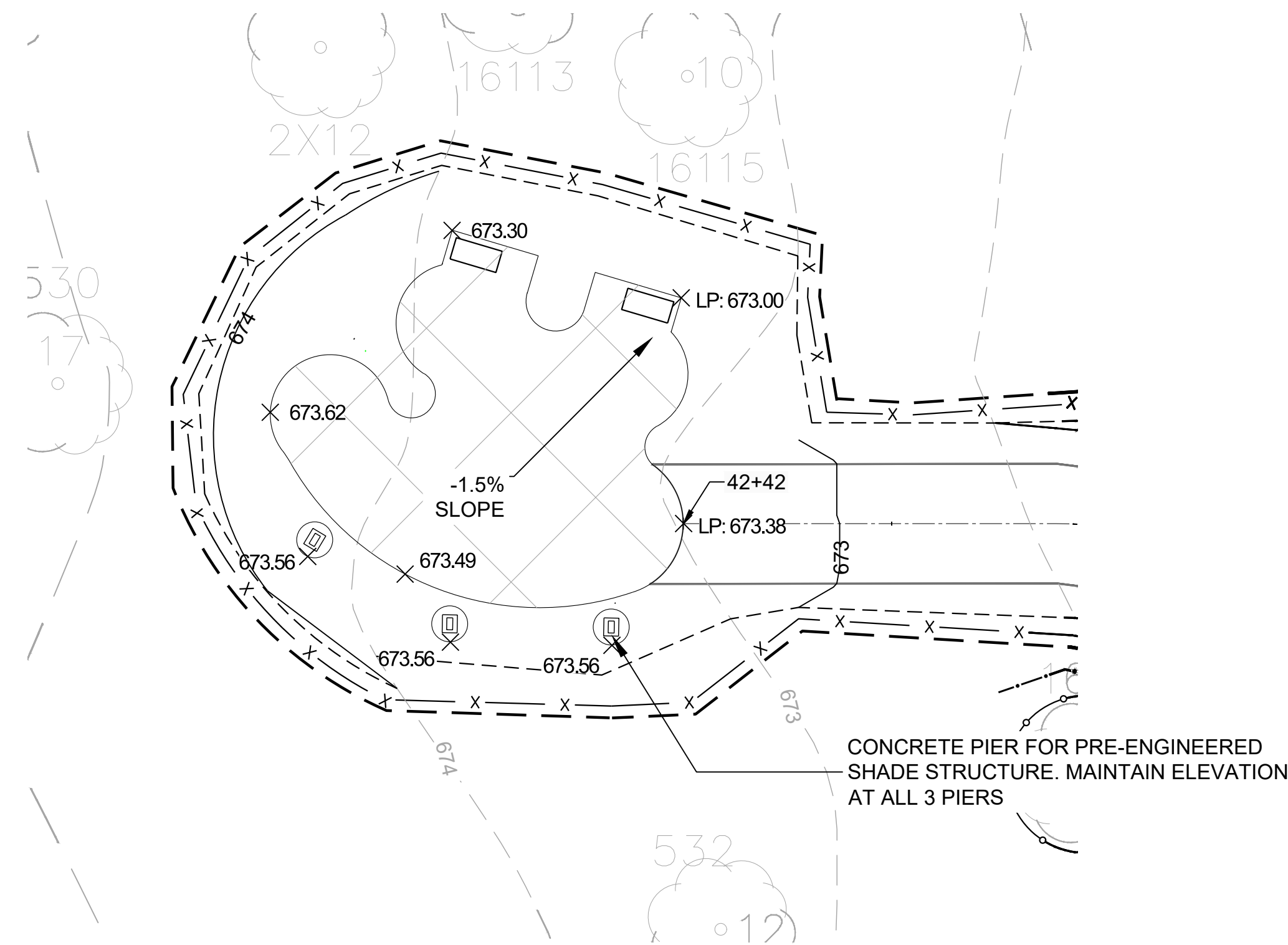
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GRADING PLANS -
ENLARGED

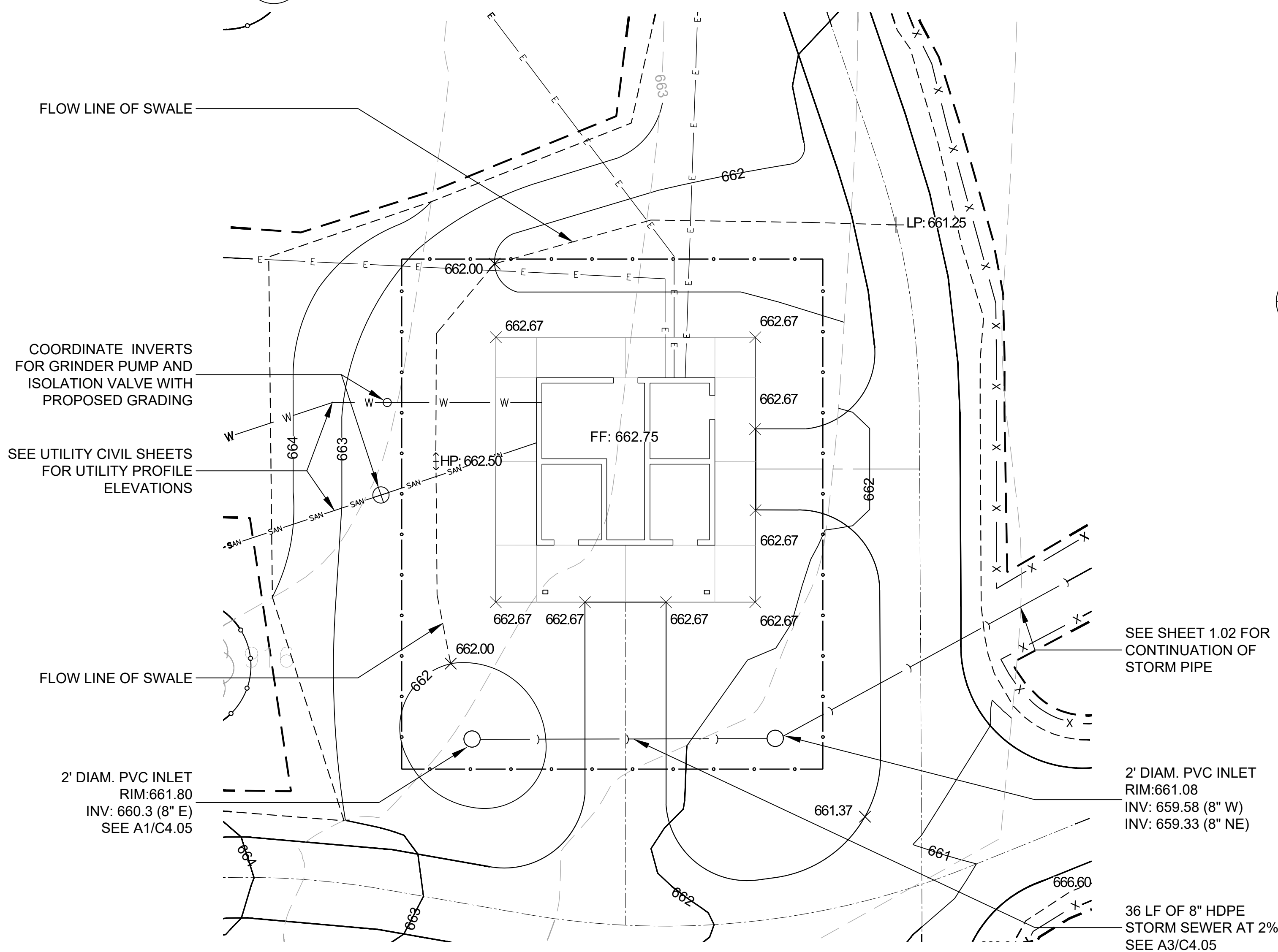
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C2.06

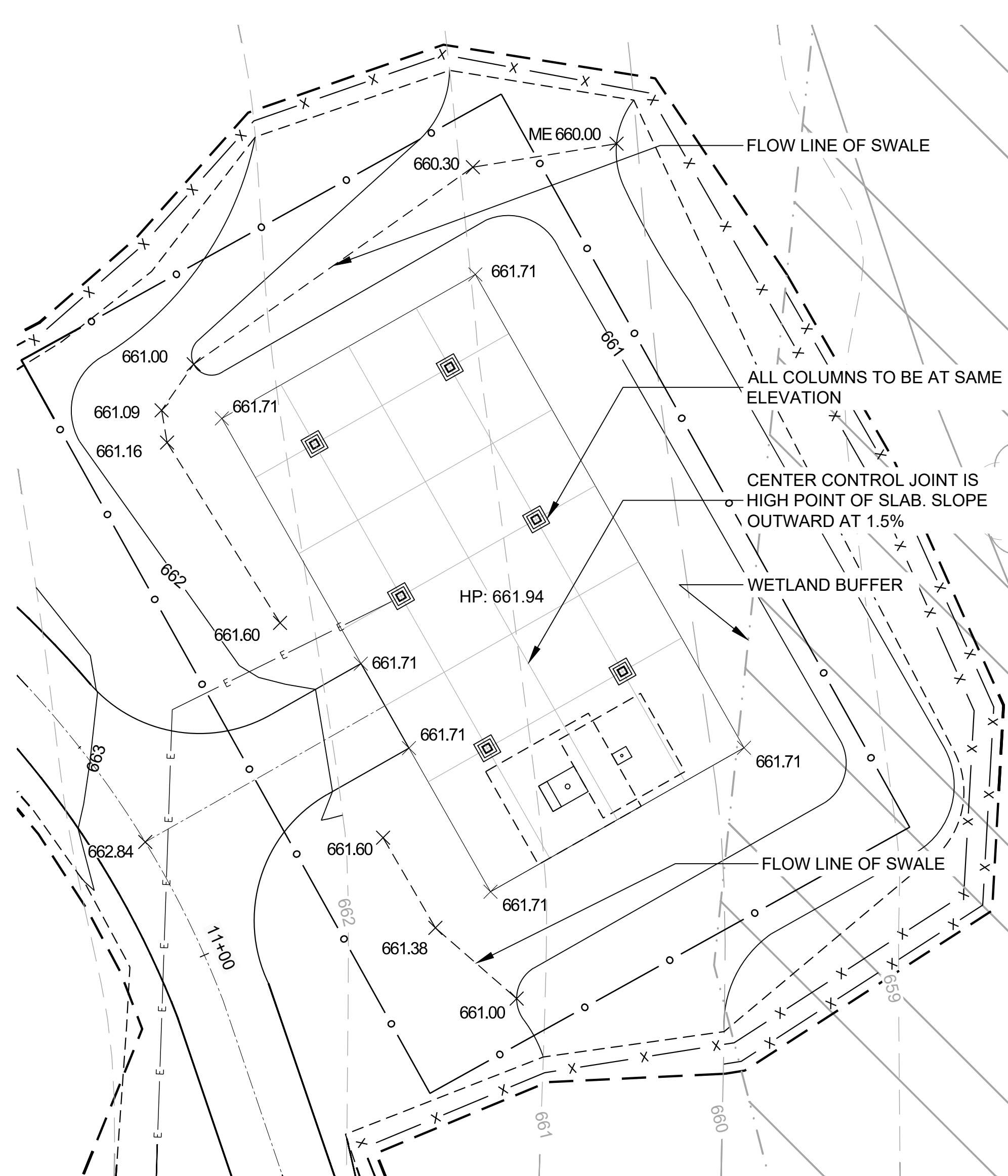
SHEET 35 of 128



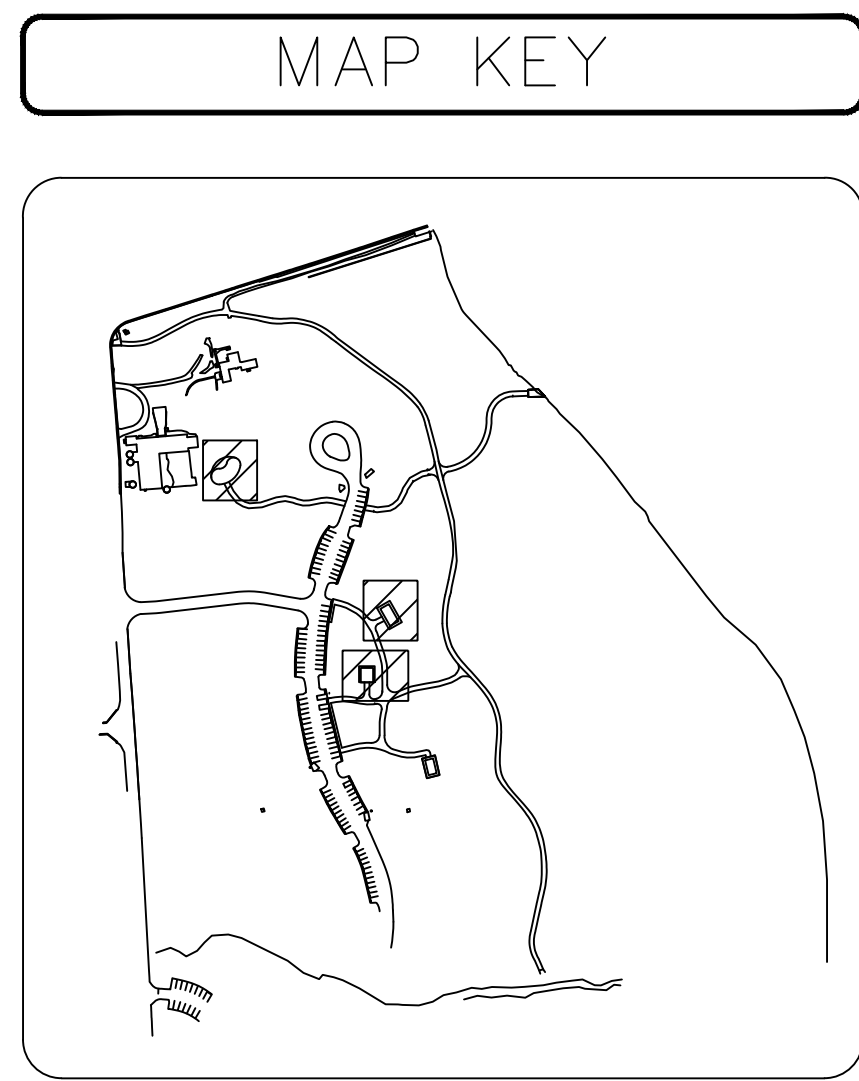
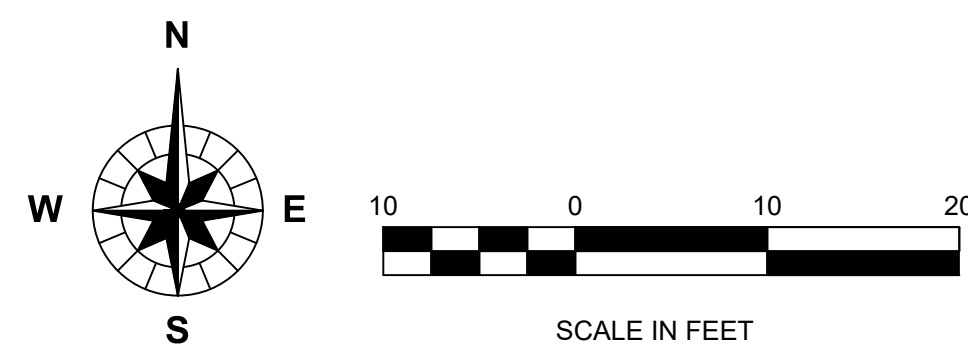
C1 GRADING PLAN - SEATING AREA
C2.06 SCALE: 1"=10'

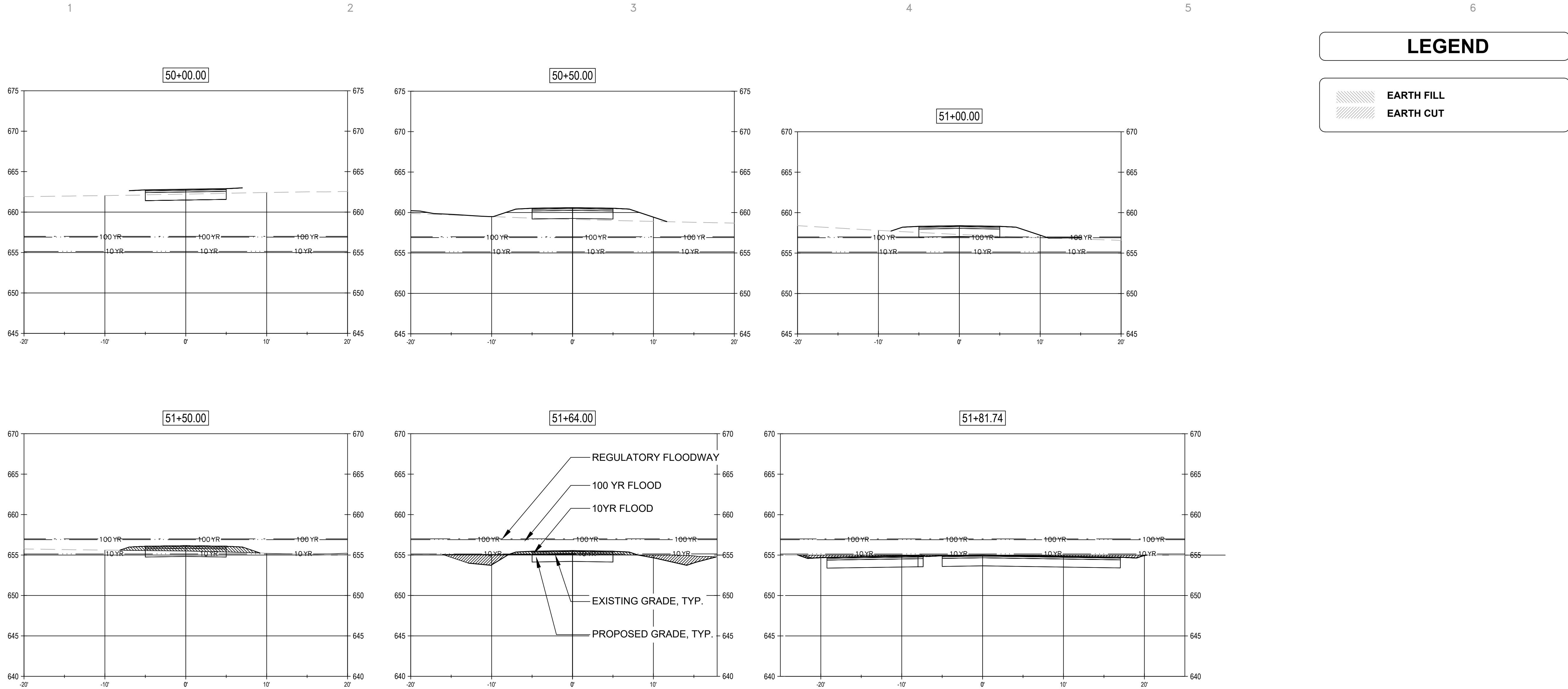


A1 GRADING PLAN - WASHROOM
C2.06 SCALE: 1"=10'



C4 GRADING PLAN - PICNIC SHELTER
C2.06 SCALE: 1"=10'





10

CUT BELOW 10 YR					
STATION	10 YR CUT (SF)	AVG. (SF)	LENGTH (FT)	NET CUT (CF)	NET CUT (CY)
50+00.00	0.00				
		0.00	50	0.00	0.00
50+50.00	0.00				
		0.00	50	0.00	0.00
51+00.00	0.00				
		0.00	50	0.00	0.00
51+50.00	0.00				
		6.15	14	86.1	3.19
51+64.00	12.30				
		9.56	17.74	169.6	6.28
51+81.74	6.81			CF	CY
TOTAL				255.70	9.47

FILL BELOW 10 YR					
STATION	10 YR FILL (SF)	AVG. (SF)	LENGTH (FT)	NET FILL (CF)	NET FILL (CY)
50+00.00	0.00				
		0.00	50	0.00	0.00
50+50.00	0.00				
		0.00	50	0.00	0.00
51+00.00	0.00				
		0.00	50	0.00	0.00
51+50.00	0.00				
		.68	14	9.45	.35
51+64.00	1.35				
		.68	17.74	12.06	.45
51+81.74	0.00			CF	CY
TOTAL				21.51	.80

FILL 10-100 YR					
STATION	10 YR FILL (SF)	AVG. (SF)	LENGTH (FT)	NET FILL (CF)	NET FILL (CY)
50+00.00	0.00				
		0.00	50	0.00	0.00
50+50.00	0.00				
		0.00	50	0.00	0.00
51+00.00	0.00				
		4.86	50	242.75	8.99
51+50.00	9.71				
		7.36	14	103.11	3.82
51+64.00	5.02				
		2.51	17.74	44.53	1.65
51+81.74	0.00			CF	CY
TOTAL				390.15	14.45

SEE SHEET FOR L1.09 FOR TOTAL FLOODPLAIN IMPACTS

OWNER: STREET ADDRESS:
3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761
MAILING ADDRESS:
P.O. BOX 5000
WHEATON, IL 60189-5000
CONTACT NUMBERS:
PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599

85127 GREENE RD, NAPERVILLE, IL 60540

CONSULTANT: PH#: FAX#
SUBCONSULTANT: PH#: FAX#

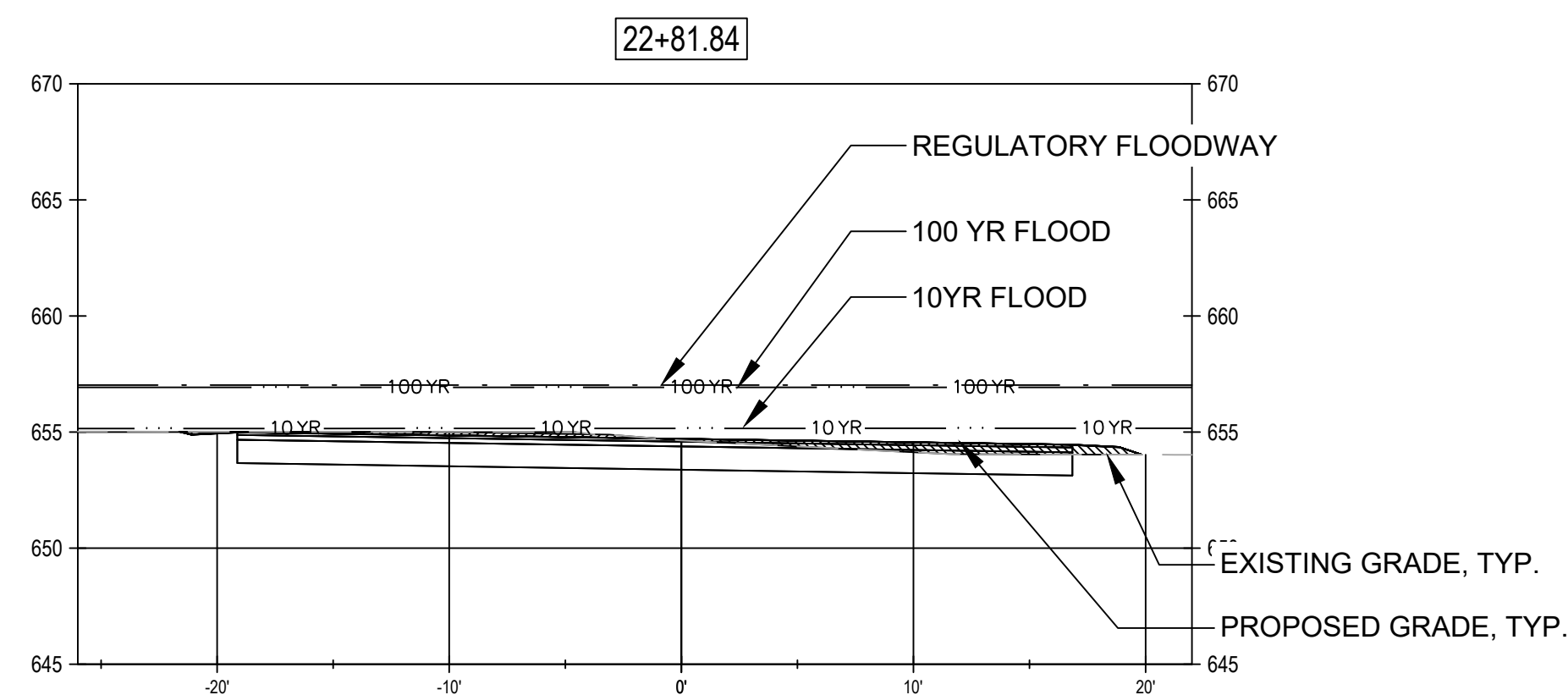
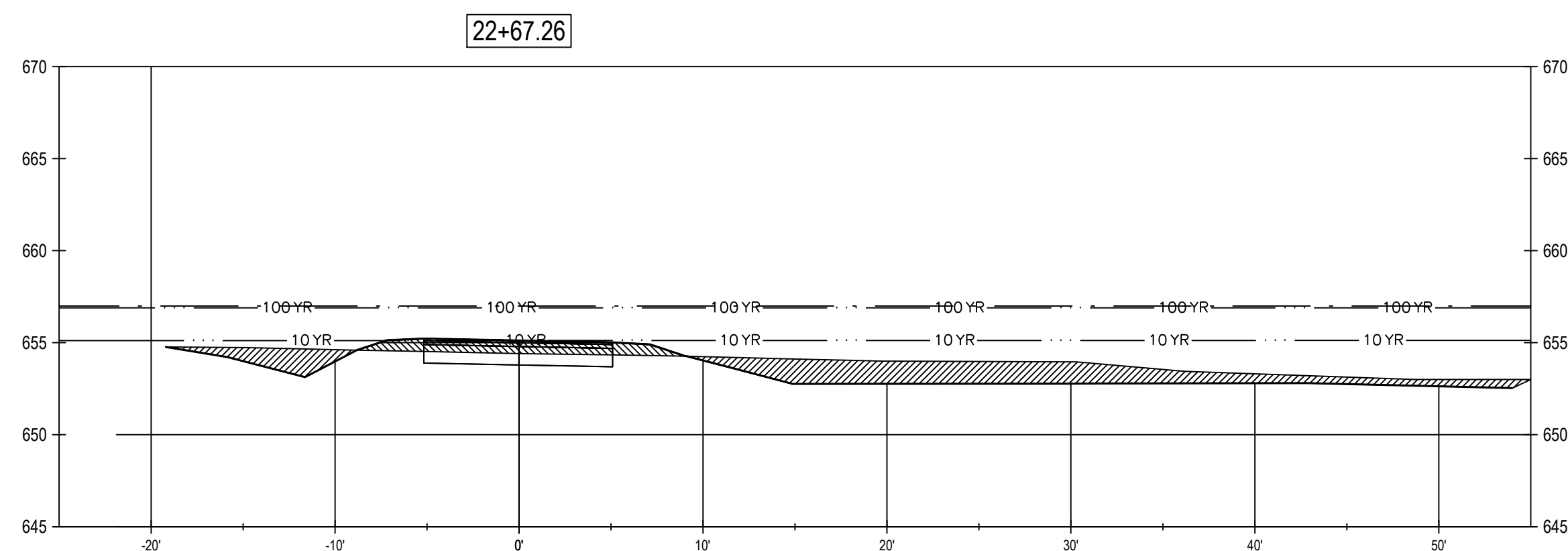
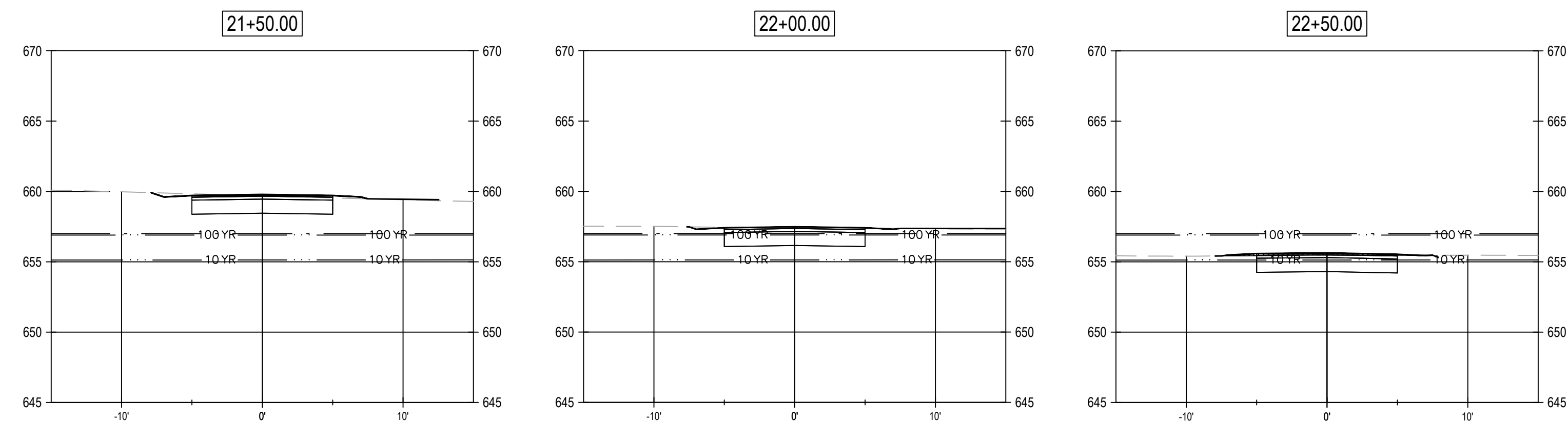
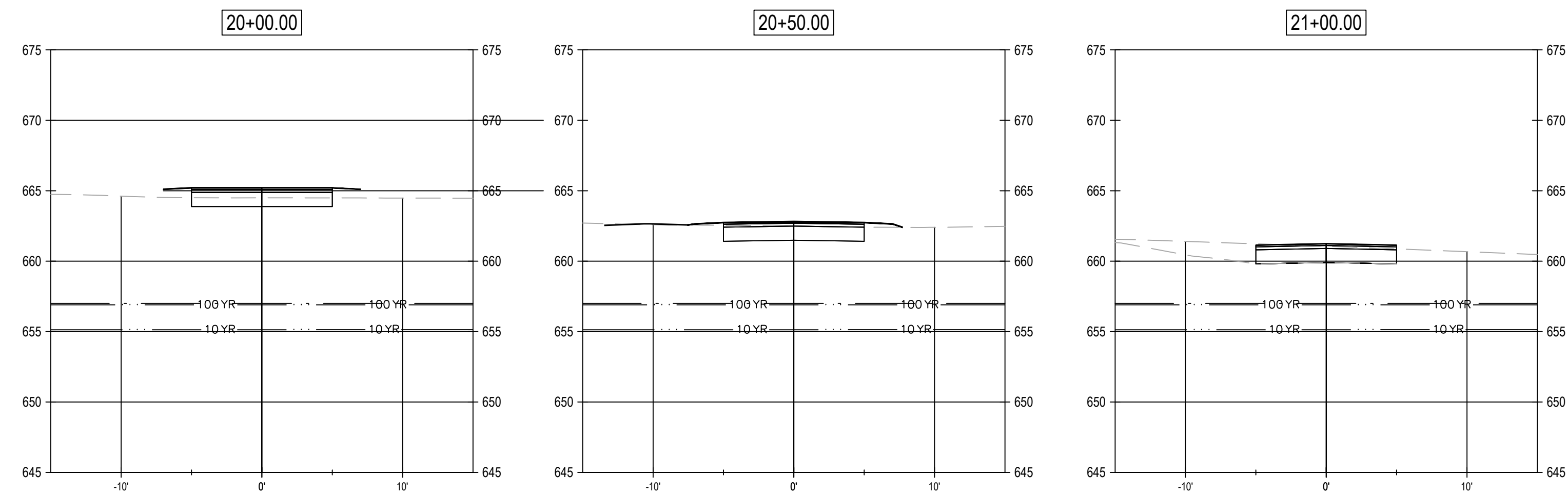
MARK:	DATE:	DESCRIPTION:
1	7/31/2026	Issue For Bid

PROJECT NO:	Z-152-014
DRAWN BY:	
CHECKED BY:	
DATE:	7/17/2026
SCALE:	

SHEET TITLE:
CROSS SECTIONS-
KAYAK CONNECTOR
TRAIL

SHEET NO:

C2.07



CUT BELOW 10 YR					
STATION	10 YR CUT (SF)	AVG. (SF)	LENGTH (FT)	NET CUT (CF)	NET CUT (CY)
20+00.00	0.00				
		0.00	50	0.00	0.00
20+50.00	0.00				
		0.00	50	0.00	0.00
21+00.00	0.00				
		0.00	50	0.00	0.00
21+50.00	0.00				
		0.00	50	0.00	0.00
22+00.00	0.00				
		0.00	50	0.00	0.00
22+50.00	0.00				
		11.00	18	198.09	7.34
22+67.26	22.01				
		12.00	13.84	166.08	6.15
22+81.84	1.99			CF	CY
TOTAL				346.17	13.49

FILL BELOW 10 YR					
STATION	10 YR FILL (SF)	AVG. (SF)	LENGTH (FT)	NET FILL (CF)	NET FILL (CY)
20+00.00	0.00				
		0.00	50	0.00	0.00
20+50.00	0.00				
		0.00	50	0.00	0.00
21+00.00	0.00				
		0.00	50	0.00	0.00
21+50.00	0.00				
		0.00	50	0.00	0.00
22+00.00	0.00				
		0.00	50	0.00	0.00
22+50.00	0.00				
		17.97	18	323.37	11.98
22+67.26	35.93				
		21.23	13.84	293.75	10.88
22+81.84	6.52			CF	CY
TOTAL				617.12	22.86

CUT 10-100 YR					
STATION	10 YR CUT (SF)	AVG. (SF)	LENGTH (FT)	NET CUT (CF)	NET CUT (CY)
20+00.00	0.00				
		0.00	50	0.00	0.00
20+50.00	0.00				
		0.00	50	0.00	0.00
21+00.00	0.00				
		0.00	50	0.00	0.00
21+50.00	0.00				
		0.00	50	0.00	0.00
22+00.00	0.00				
		0.01	50	0.5	0.019
22+50.00	0.02				
		.01	18	0.18	0.007
22+67.26	0.00				
		0.00	13.84	0.00	0.00
22+81.84	0.00			CF	CY
TOTAL				.68	.03

FILL 10-100 YR					
STATION	10 YR FILL (SF)	AVG. (SF)	LENGTH (FT)	NET FILL (CF)	NET FILL (CY)
20+00.00	0.00				
		0.00	50	0.00	0.00
20+50.00	0.00				
		0.00	50	0.00	0.00
21+00.00	0.00				
		0.00	50	0.00	0.00
21+50.00	0.00				
		0.00	50	0.00	0.00
22+00.00	0.00				
		0.79	50	39.5	1.46
22+50.00	1.58				
		.97	17	16.74	.62
22+67.26	.36				
		0.18	13.84	2.49	0.09
22+81.84	0.00			CF	CY
TOTAL				58.73	2.18

SEE SHEET FOR L1.09 FOR TOTAL FLOODPLAIN IMPACTS

LEGEND

 EARTH FILL
 EARTH CUT

OWNER:

STREET ADDRESS:
3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS:
P.O. BOX 5000
WHEATON, IL 60189-5000

CONTACT NUMBERS:
PH# 630-933-7200
FAX# 630-933-7204

FOREST PRESERVE DISTRICT

DU PAGE COUNTY



GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599

83S127 GREENE RD, NAPERVILLE, IL 60540

SUBCONSULTANT:

PH#:

FAX#

PH#:

#AX#

CONSULTANT:

[illegible]

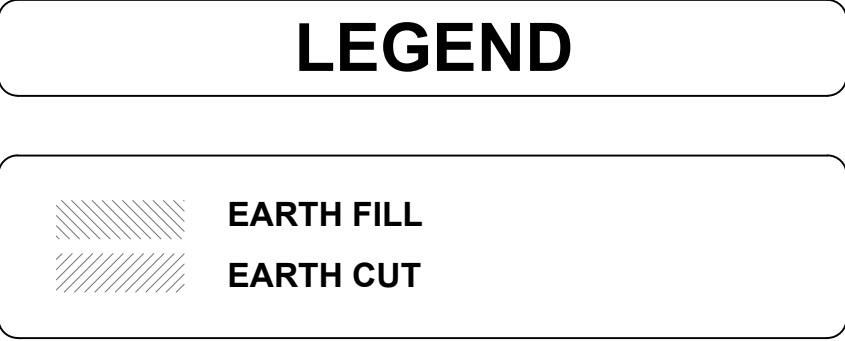
PROJECT NO:	Z-152-014
DRAWN BY:	
CHECKED BY:	
DATE:	7/17/2026
SCALE:	

SHEET TITLE:

**CROSS SECTIONS-
PICNIC CONNECTOR
TRAIL**

SHEET NO:

C2.08



OWNER:

FOREST PRESERVE DISTRICT



DU PAGE COUNTY

STREET ADDRESS:

3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS:

P.O. BOX 5000
WHEATON, IL 60189-5000

CONTACT NUMBERS:

PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599

8S127 GREENE RD, NAPERVILLE, IL 60540

SUBCONSULTANT:

PH#:

[illegible]

CONSULTANT:

PH#:

[illegible][illegible]

PROJECT NO:	Z-152-014
DRAWN BY:	
CHECKED BY:	
DATE:	7/17/2026
SCALE:	

SHEET TITLE

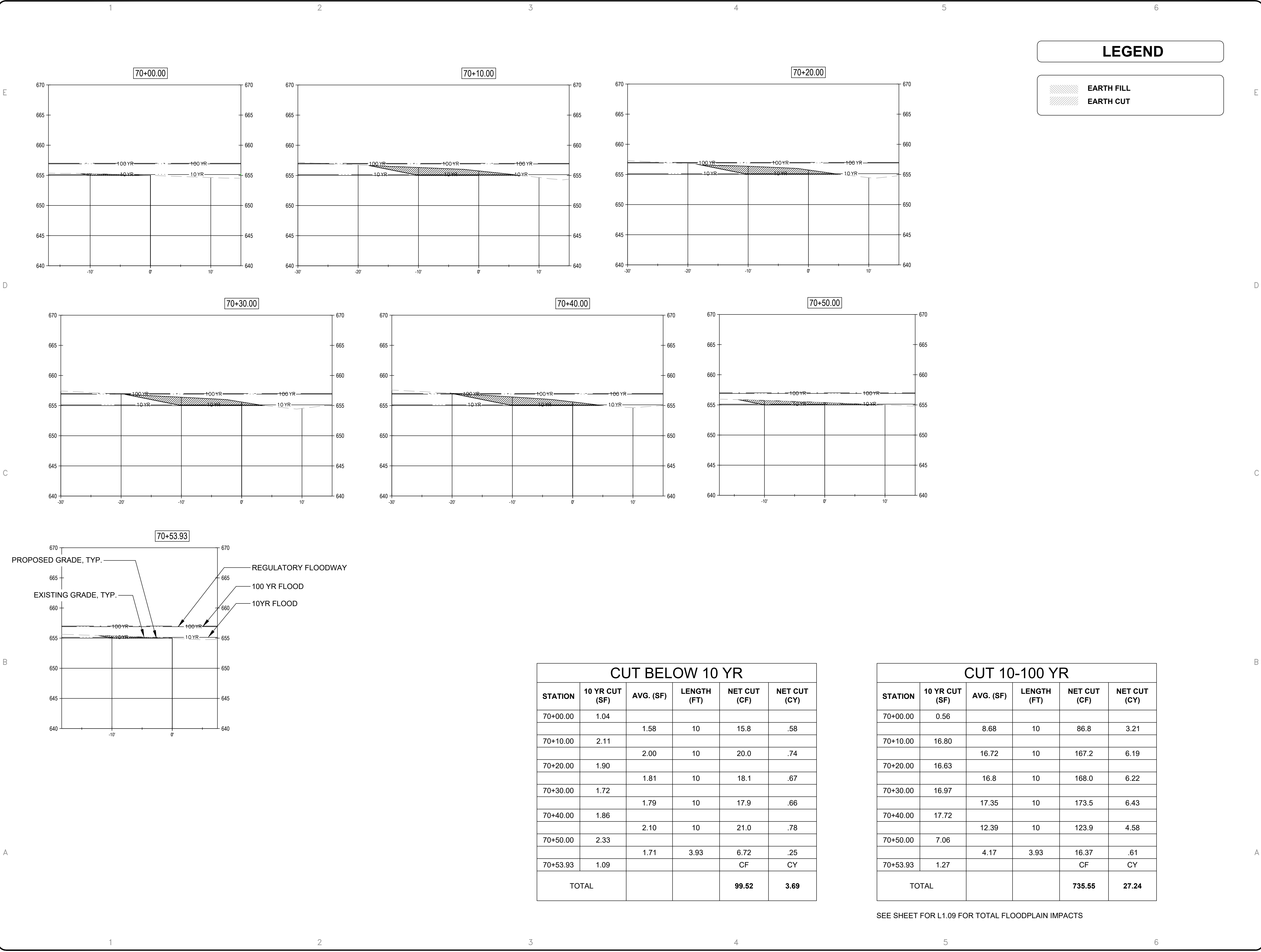
CROSS SECTIONS- KAYAK LAUNCH TRAIL

SHEET NO

C2.09

SHEET 38 of 128

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OWNER:

STREET ADDRESS:

FOREST PRESERVE DISTRICT

3 S 580 NAPERVILLE ROAD

DU PAGE COUNTY

WHEATON, IL 60189-8761

MAILING ADDRESS:

P.O. BOX 5000

WHEATON, IL 60189-5000

CONTACT NUMBERS:

PH# 630-933-7200

FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE

RECREATIONAL IMPROVEMENTS

OSLAD GRANT 25-2599

85127 GREENE RD, NAPERVILLE, IL 60540

PH#:

FAX#:

SUBCONSULTANT:

CONSULTANT:

MARK:	DATE:	DESCRIPTION:
1	7/31/2026	Issue For Bid

PROJECT NO:

Z-152-014

DRAWN BY:

CHECKED BY:

DATE:

7/17/2026

SCALE:

SHEET TITLE:

CROSS SECTIONS-
COMP STORAGE

SHEET NO:

C2.10

SHEET 39 of 128

CAD DWG FILE: \\dpgp - Planning\Preserve\35-WB\35-240-000\Back 40 OSLAD\Drawing\CAD\Print.dwg

FOREST PRESERVE DISTRICT

DU PAGE COUNTY

OWNER:

STREET ADDRESS:

MAILING ADDRESS:

CONTACT NUMBERS:

3 S. 580 NAPERVILLE ROAD

WHEATON, IL 60189-8761

P.O. BOX 5000

WHEATON, IL 60189-5000

PH# 630-933-7200

FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE

RECREATIONAL IMPROVEMENTS

OSLAD GRANT 25-2599

8S127 GREENE RD, NAPERVILLE, IL 60540

PH#:

FAX#:

SUBCONSULTANT:

CONSULTANT:

MARK:

DATE:

DESCRIPTION:

1

7/31/2026

Issue For Bid

PROJECT NO:

DRAWN BY:

CHECKED BY:

DATE:

SCALE:

Z-152-014

7/17/2026

SHEET TITLE:

CROSS SECTIONS-
ENTRANCE DRIVE

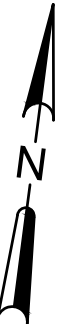
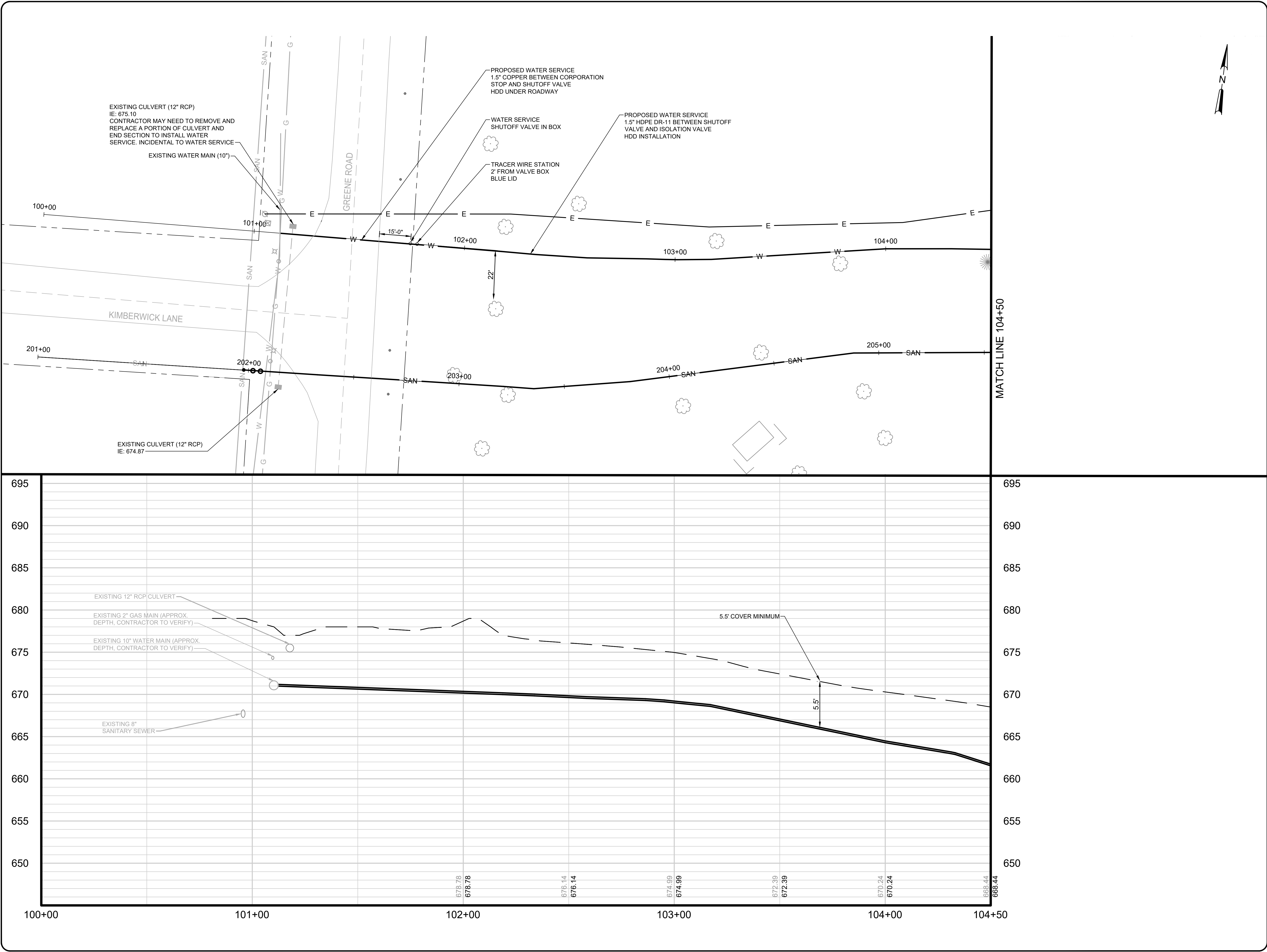
SHEET NO:

C2.11

SHEET 40 of 128

CAD DWG FILE: 10.dwg - PlanningPreserves33-WBIM-340-008Back-40 OSLADDrawingCADPrint.dwg

The figure displays seven cross-section diagrams for the Entrance Drive project, arranged in a grid. The diagrams are labeled with station numbers: 0+00.00, 0+50.00, 1+00.00, 1+50.00, 2+00.00, 2+50.00, 3+00.00, 3+50.00, and 3+77.58. Each diagram shows a cross-section of the road with a horizontal axis representing distance from the centerline (0' to 40' or 30') and a vertical axis representing elevation (665 to 690 feet). The diagrams illustrate the existing grade (dashed line) and the proposed grade (solid line). The proposed grade is generally higher than the existing grade, indicating a road improvement project. The diagrams are arranged in a grid with columns 1 through 6 and rows A through E. The first row (E) contains diagrams for stations 0+00.00 and 0+50.00. The second row (D) contains diagrams for stations 1+00.00, 1+50.00, and 2+00.00. The third row (C) contains diagrams for stations 2+50.00, 3+00.00, and 3+50.00. The fourth row (B) contains a diagram for station 3+77.58. The fifth row (A) is empty.



OWNER: **FOREST PRESERVE DISTRICT**
DU PAGE COUNTY

STREET ADDRESS:
3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

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WHEATON, IL 60189-5000

CONTACT NUMBERS:
PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599

85127 GREENE RD, NAPERVILLE, IL 60540

CONSULTANT:
STRAND ASSOCIATES
1170 HOUBOLT ROAD
JOLIET, IL 60431

SUBCONSULTANT:

PH#:

FAX#:

PH#:

FAX#:

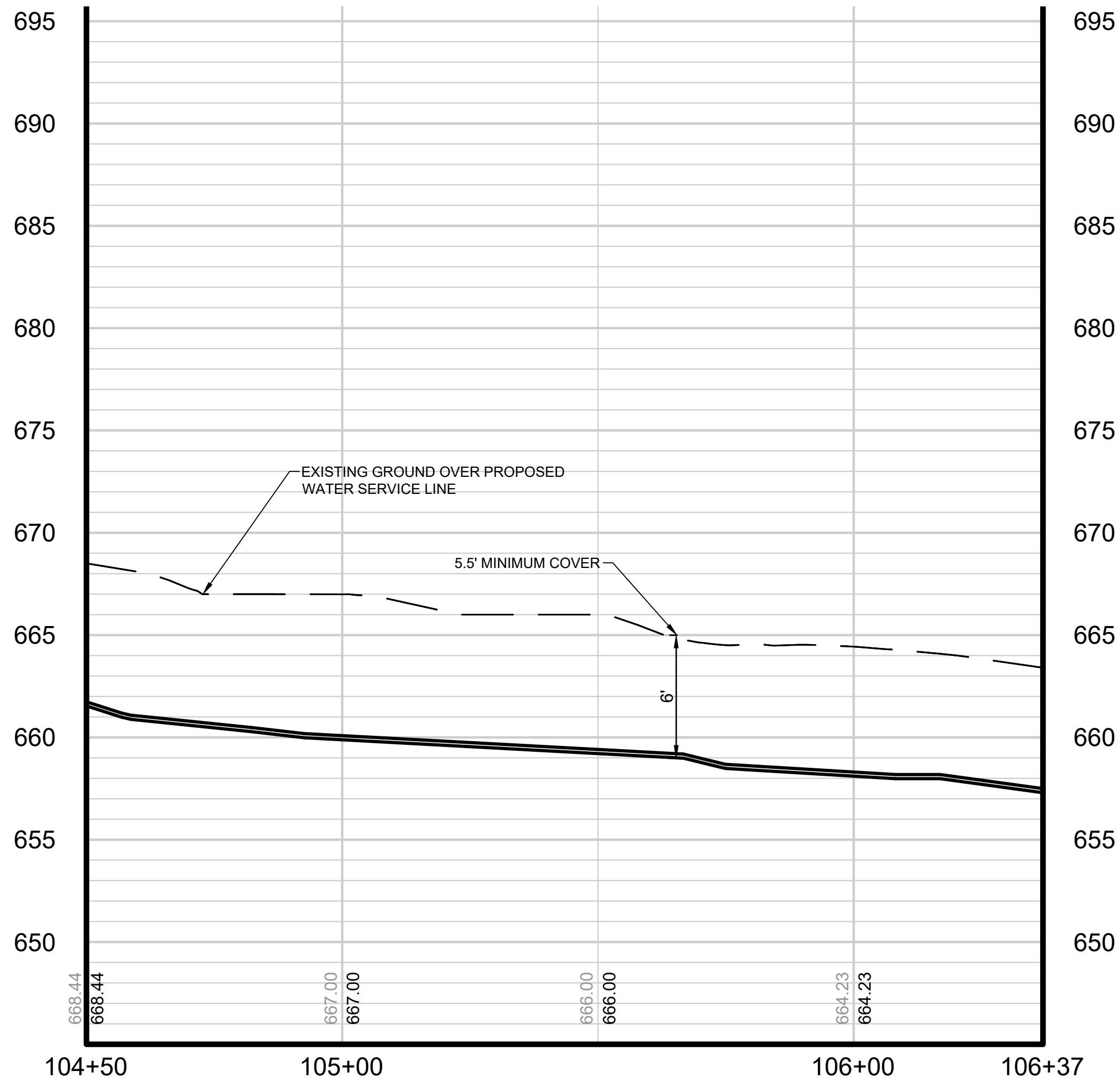
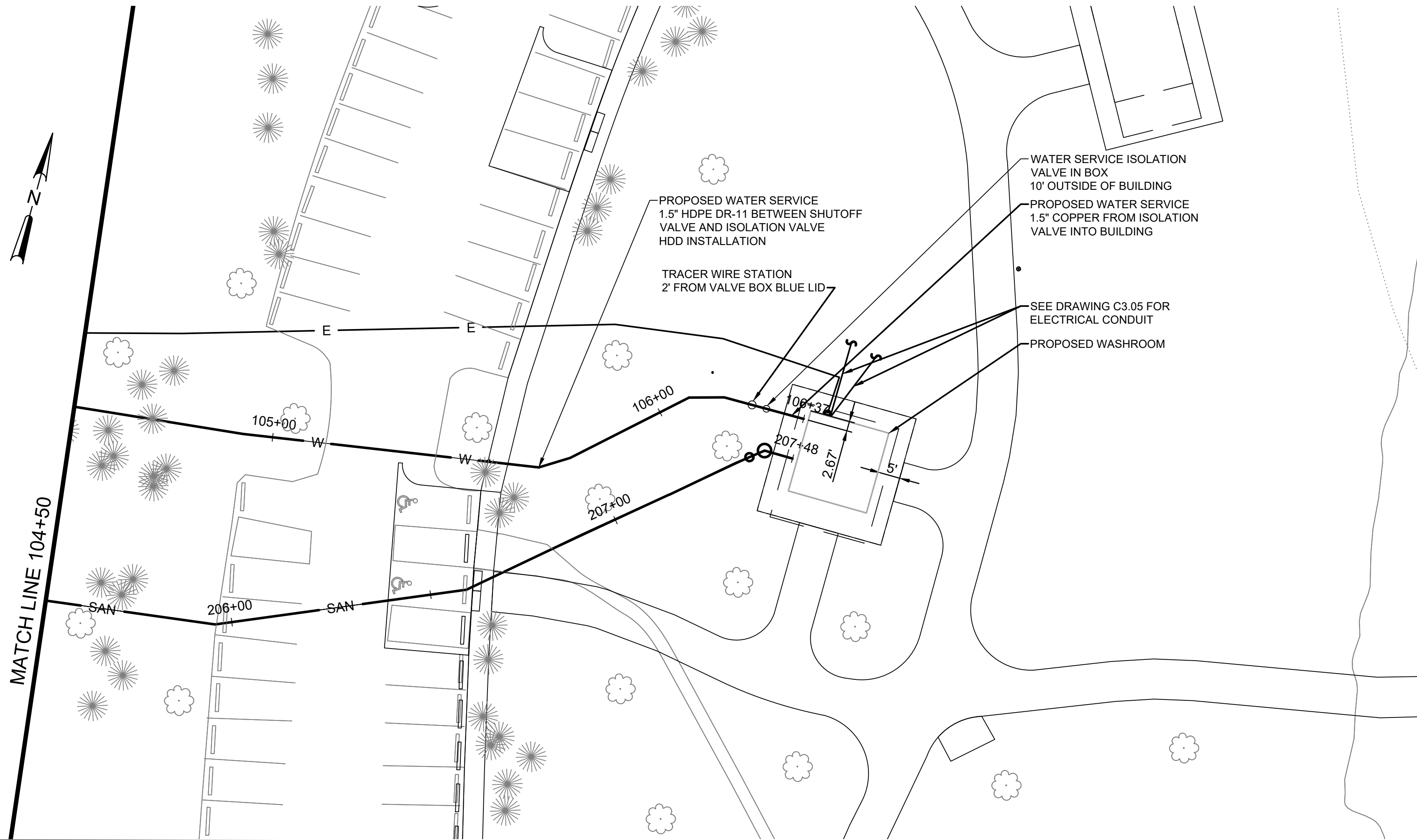
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2	02/09/26	FOR PERMITTING
3	02/16/26	FOR PERMITTING
4	04/13/26	FOR PERMITTING

PROJECT NO: 6975.016
DRAWN BY: ESK
CHECKED BY: MRW
DATE: 02/16/26
SCALE:

SHEET TITLE:
WATER SERVICE P&P

SHEET NO:
C3.00
SHEET 41 of 128

CAD DWG FILE



OWNER: **FOREST PRESERVE DISTRICT**
DU PAGE COUNTY

STREET ADDRESS:
3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS:
P.O. BOX 5000
WHEATON, IL 60189-5000

CONTACT NUMBERS:
PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599
8S127 GREENE RD, NAPERVILLE, IL 60540

CONSULTANT:
STRAND ASSOCIATES
1170 HOUBOLT ROAD
JOLIET IL 60431

PH#:
FAX#:

SUBCONSULTANT:
PH#:
FAX#:

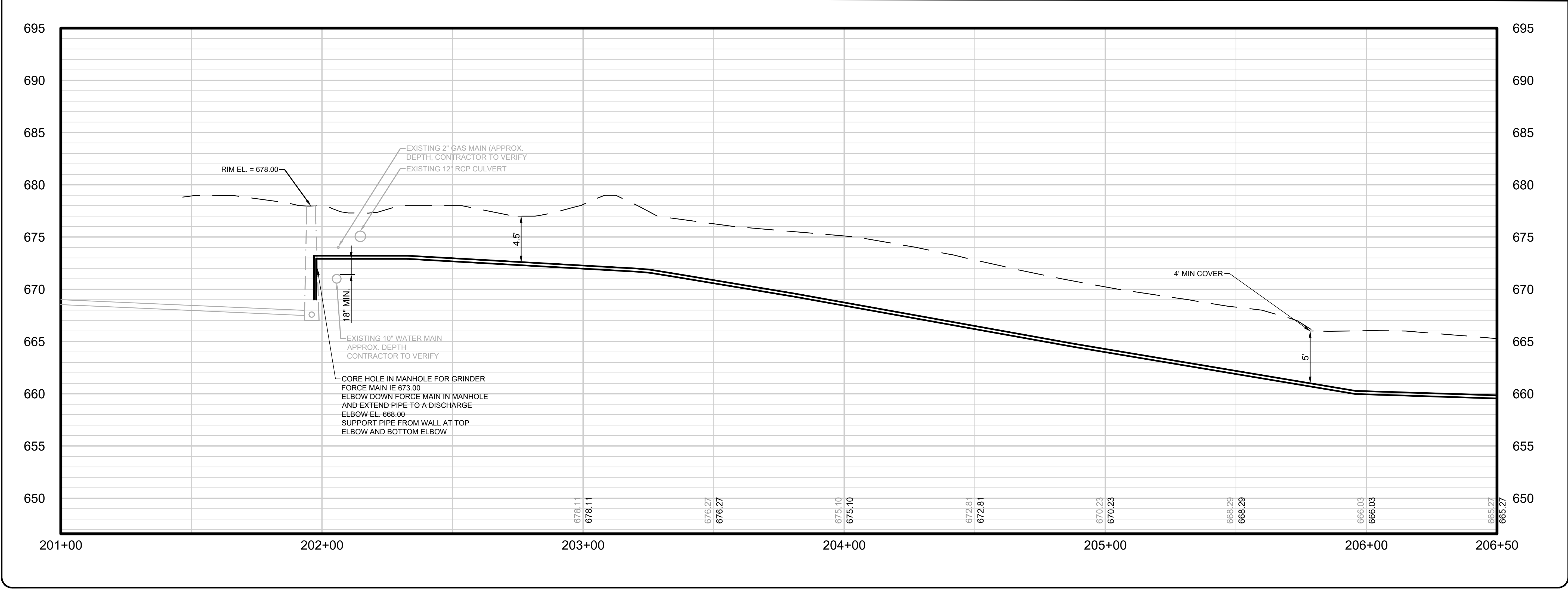
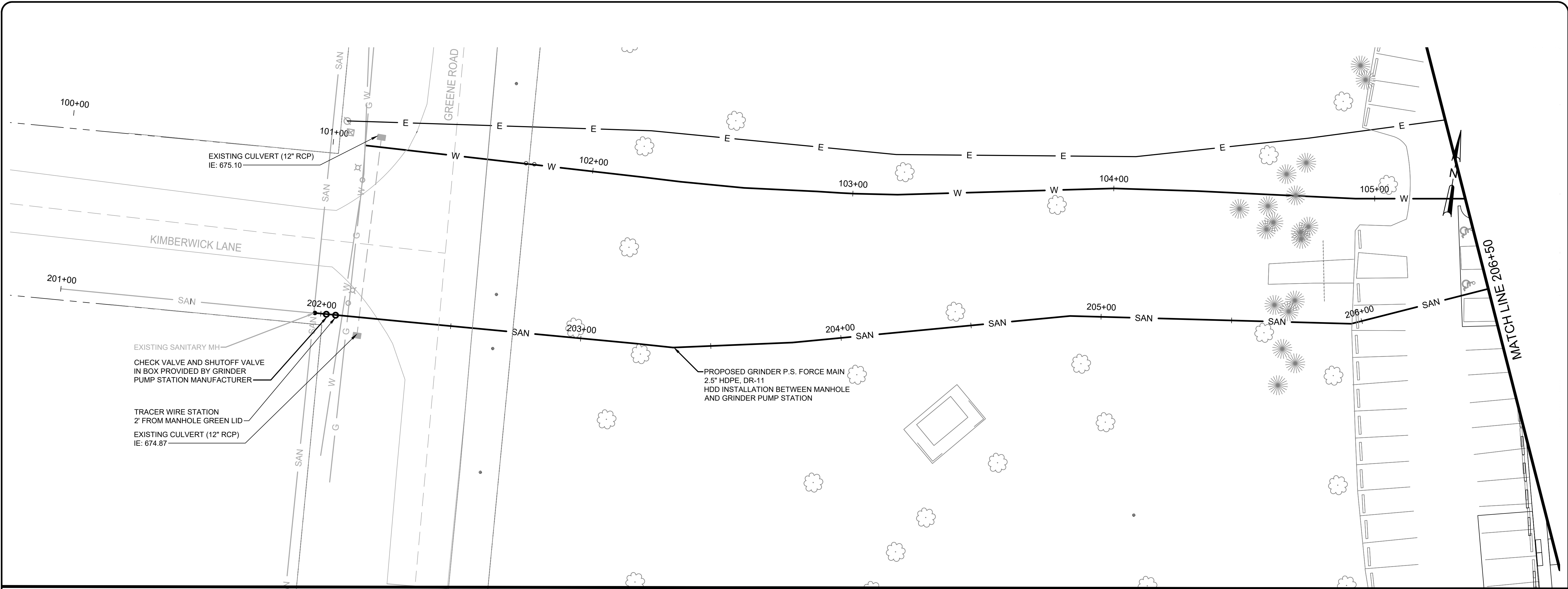
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2	02/09/26	FOR PERMITTING
3	02/16/26	FOR PERMITTING
4	04/13/26	FOR PERMITTING

PROJECT NO:	6975.016
DRAWN BY:	ESK
CHECKED BY:	MRW
DATE:	02/16/26
SCALE:	

SHEET TITLE:
WATER SERVICE P&P

SHEET NO:
C3.01
SHEET 42 of 128

CAD DWG FILE



OWNER: **FOREST PRESERVE DISTRICT**
STREET ADDRESS: 3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761
MAILING ADDRESS: P.O. BOX 5000
WHEATON, IL 60189-5000
CONTACT NUMBERS: PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599
85127 GREENE RD, NAPERVILLE, IL 60540

CONSULTANT: STRAND ASSOCIATES
1170 HOUBOLT ROAD
JOLIET IL, 60431

SUBCONSULTANT:

PH#: FAX#

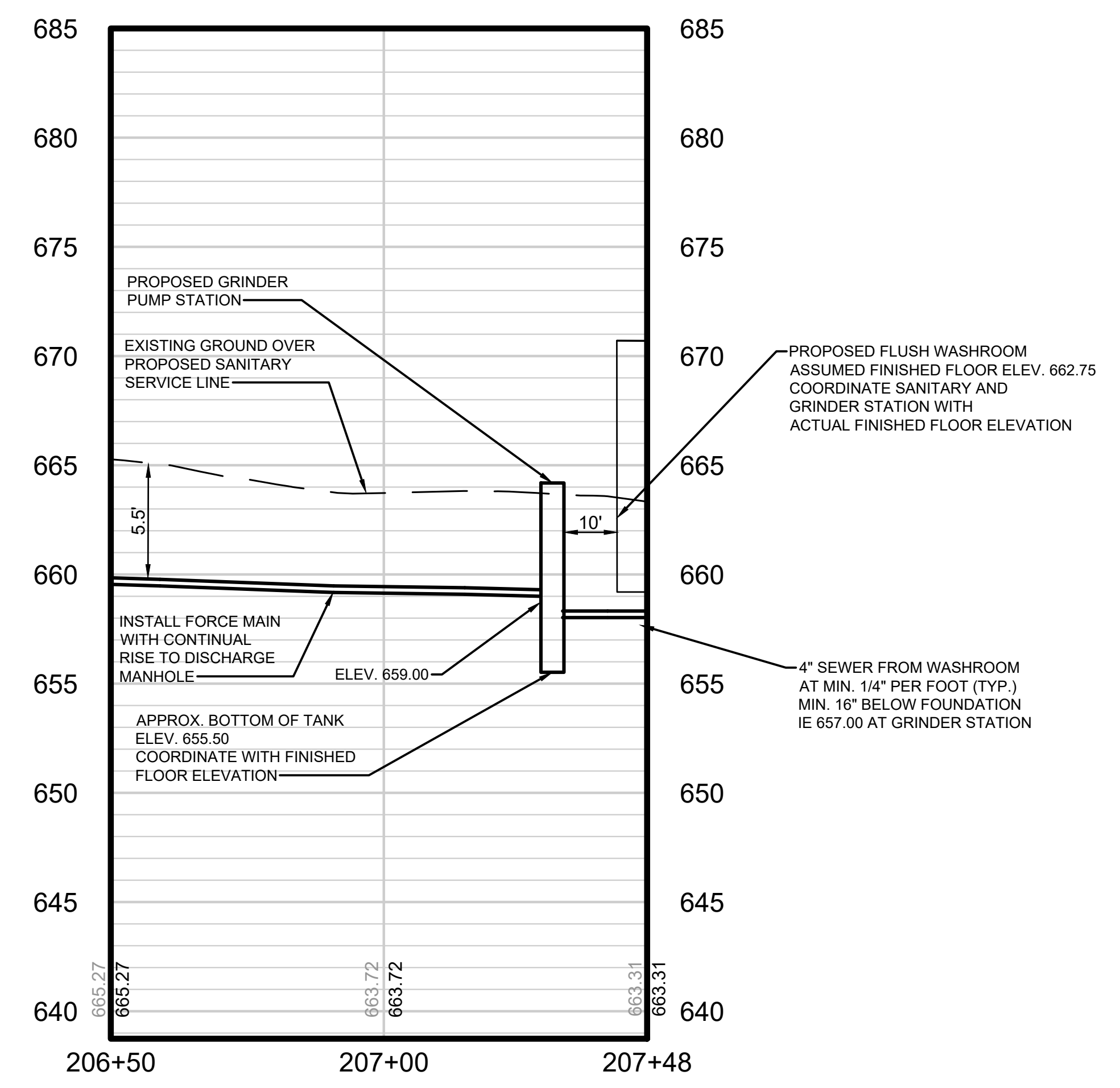
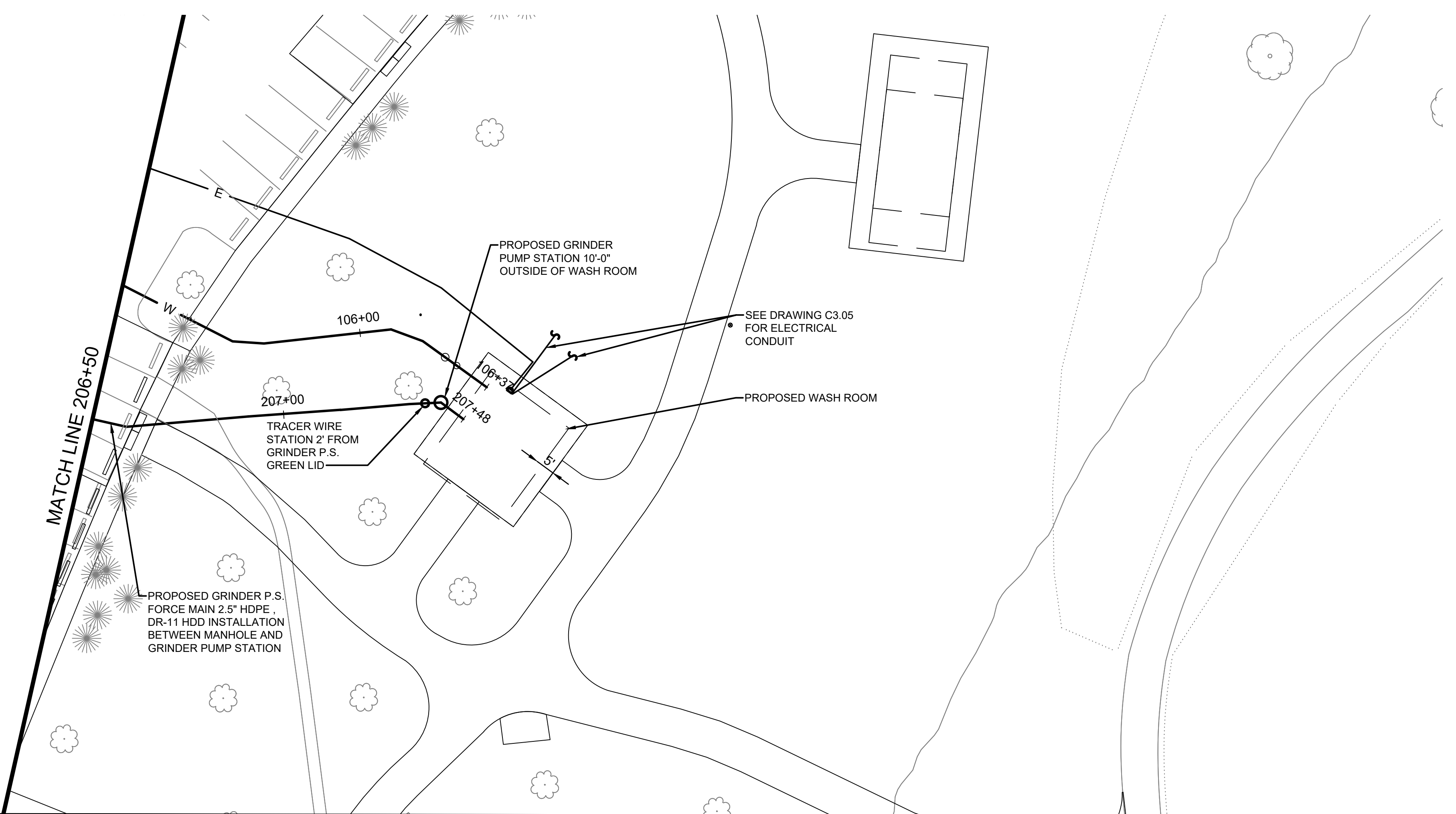
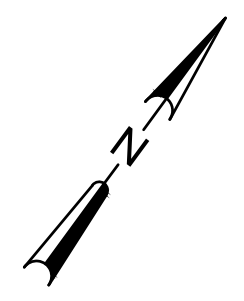
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3	02/16/26	FOR PERMITTING
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PROJECT NO:	6975.016
DRAWN BY:	ESK
CHECKED BY:	MRW
DATE:	02/16/26
SCALE:	

SHEET TITLE:
SANITARY SERVICE P&P

SHEET NO:
C3.02
SHEET 43 of 128

CAD DWG FILE



OWNER: **FOREST PRESERVE DISTRICT**
DU PAGE COUNTY

STREET ADDRESS: 3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS: P.O. BOX 5000
WHEATON, IL 60189-5000

CONTACT NUMBERS: PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599
8S127 GREENE RD, NAPERVILLE, IL 60540

CONSULTANT: STRAND ASSOCIATES
1170 HOUBOLT ROAD
JOLIET IL 60431

SUBCONSULTANT:

PH#: FAX#

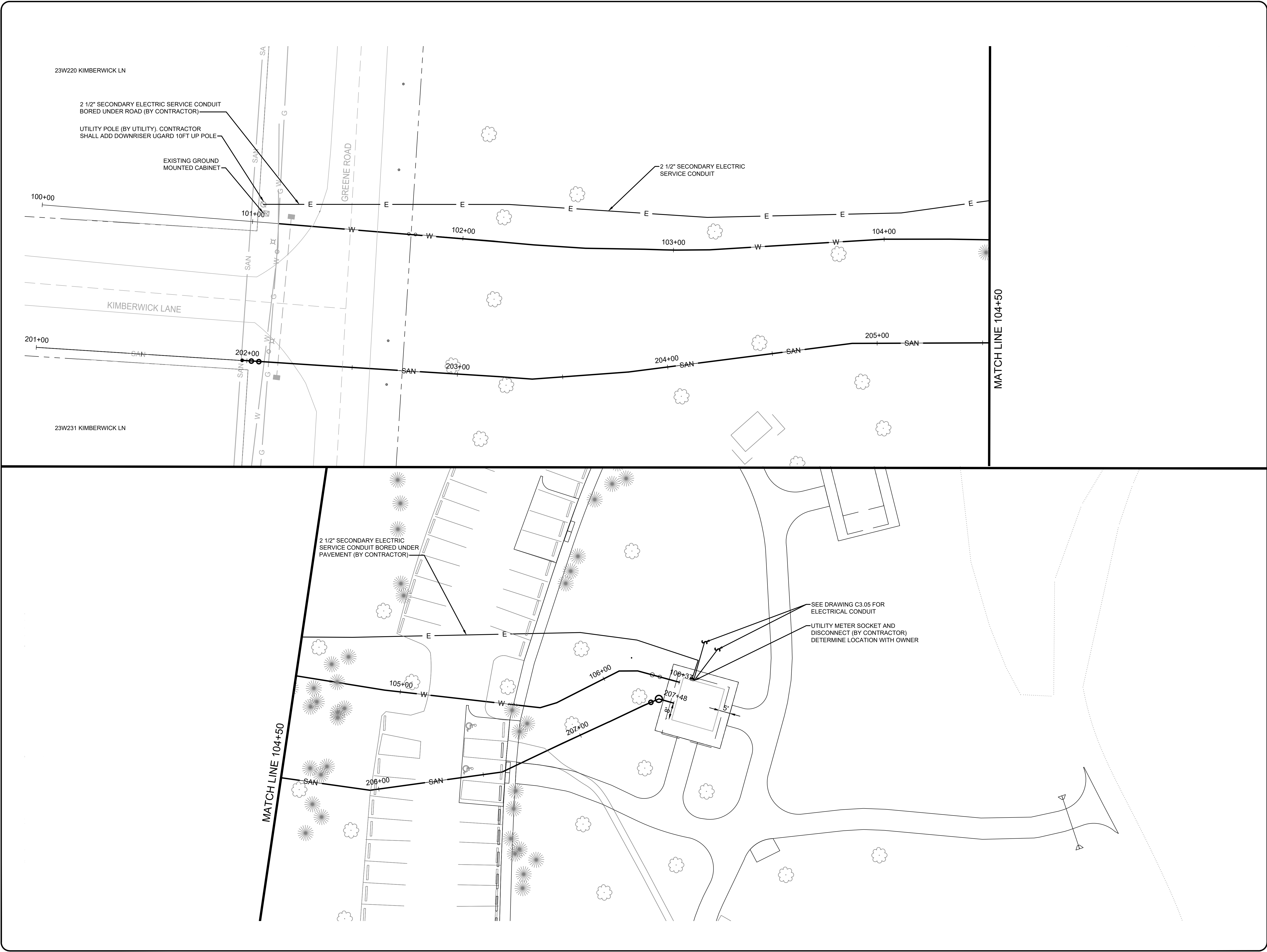
MARK:	DATE:	DESCRIPTION:
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2	02/09/26	FOR PERMITTING
3	02/16/26	FOR PERMITTING
4	04/13/26	FOR PERMITTING

PROJECT NO: 6975.016
DRAWN BY: ESK
CHECKED BY: MRW
DATE: 02/16/26
SCALE:

SHEET TITLE:
SANITARY SERVICE P&P

SHEET NO:
C3.03
SHEET 44 of 128

CAD DWG FILE



OWNER: **FOREST PRESERVE DISTRICT**
DU PAGE COUNTY

STREET ADDRESS:
3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS:
P.O. BOX 5000
WHEATON, IL 60189-5000

CONTACT NUMBERS:
PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599
8S127 GREENE RD, NAPERVILLE, IL 60540

CONSULTANT:
STRAND ASSOCIATES
1170 HOUBOLT ROAD
JOLIET IL 60431

PH#:
FAX#:

PH#:
FAX#:

PH#:
FAX#:

PH#:
FAX#:

SUBCONSULTANT:

MARK:	DATE:	DESCRIPTION:
1	12/04/25	75% COMPLETE
2	02/09/26	FOR PERMITTING
3	02/16/26	FOR PERMITTING
4	04/13/26	FOR PERMITTING

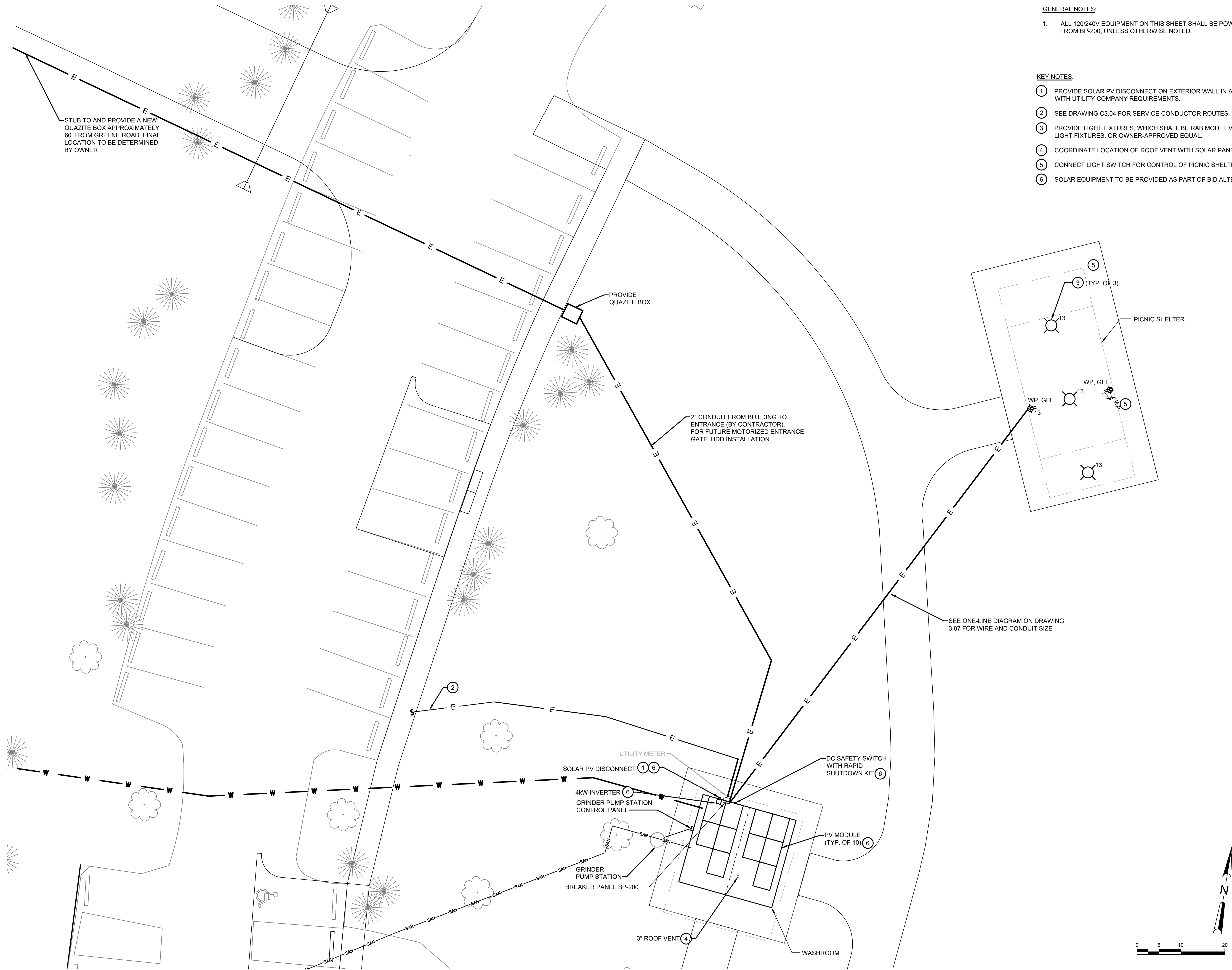
PROJECT NO:	6975.016
DRAWN BY:	ESK
CHECKED BY:	MRW
DATE:	02/16/26
SCALE:	

SHEET TITLE:
**ELECTRICAL
SERVICE P&P**

SHEET NO:
C3.04

SHEET 45 of 128

CAD DWG FILE



- GENERAL NOTES:**
1. ALL 120/240V EQUIPMENT ON THIS SHEET SHALL BE POWERED FROM BP-200, UNLESS OTHERWISE NOTED.
- KEY NOTES:**
1. PROVIDE SOLAR PV DISCONNECT ON EXTERIOR WALL IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS.
 2. SEE DRAWING C3.04 FOR SERVICE CONDUCTOR ROUTES.
 3. PROVIDE LIGHT FIXTURES, WHICH SHALL BE RAB MODEL VANLED-75 N-F LIGHT FIXTURES, OR OWNER-APPROVED EQUAL.
 4. COORDINATE LOCATION OF ROOF VENT WITH SOLAR PANEL LAYOUT.
 5. CONNECT LIGHT SWITCH FOR CONTROL OF PICNIC SHELTER LIGHTS.
 6. SOLAR EQUIPMENT TO BE PROVIDED AS PART OF BID ALTERNATIVE NO. 1.

OWNER: **FOREST PRESERVE DISTRICT**
DU PAGE COUNTY

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GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599
8S127 GREENE RD, NAPERVILLE, IL 60540

CONSULTANT:
STRAND ASSOCIATES
1170 HOUBOLT ROAD
JOLIET IL 60431

SUBCONSULTANT:

PH#:
FAX#:

MARK:	DATE:	DESCRIPTION:
1	12/04/25	75% COMPLETE
2	02/09/26	FOR PERMITTING
3	02/16/26	FOR PERMITTING
4	04/13/26	FOR PERMITTING

PROJECT NO:	6975.016
DRAWN BY:	ESK
CHECKED BY:	MRW
DATE:	02/16/26
SCALE:	

SHEET TITLE:
ELECTRICAL SERVICE PLAN

SHEET NO:
C3.05
SHEET 46 of 128

CAD DWG FILE: \\dept-planning\Preserve\33-WB\33-400-000\Back-40 OSLAD\dwg\CAD\Printin.dwg



- GENERAL NOTES:**
- ALL 120/240V EQUIPMENT ON THIS SHEET SHALL BE POWERED FROM BP-200, UNLESS OTHERWISE NOTED.
- KEY NOTES:**
- SOLAR EQUIPMENT TO BE PROVIDED AS PART OF BID ALTERNATIVE NO. 1.

OWNER: **FOREST PRESERVE DISTRICT**
DU PAGE COUNTY

STREET ADDRESS:
3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS:
P.O. BOX 5000
WHEATON, IL 60189-5000

CONTACT NUMBERS:
PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599
8S127 GREENE RD, NAPERVILLE, IL 60540

CONSULTANT:
STRAND ASSOCIATES
1170 HOUBOLT ROAD
JOLIET IL 60431

SUBCONSULTANT:

PH#:
FAX#:

MARK:	DATE:	DESCRIPTION:
1	12/04/25	75% COMPLETE
2	02/09/26	FOR PERMITTING
3	02/16/26	FOR PERMITTING
4	04/13/26	FOR PERMITTING

PROJECT NO: 6975.016
DRAWN BY: ESK
CHECKED BY: MRW
DATE: 02/16/26
SCALE:

SHEET TITLE:
ENLARGED ELECTRICAL PLAN

SHEET NO:
C3.06
SHEET 47 of 128

CAD DWG FILE: \\dept - Planning\Preserve\33-WB\33-40-000\Back-40 OSLAD\dwg\CAD\Prinm.dwg



Forest Preserve District
DuPage County

MAILING ADDRESS:
P.O. BOX 5000
WHEATON, IL 60189-5000

CONTACT NUMBERS:
PH# 630-933-7200
FAX# 630-933-7204

8S127 GREENE RD, NAPERVILLE, IL 60540

FAX#

PH#:

FAX#

CONSULTANT:
STRAND ASSOCIATES
1170 HOUBOLT ROAD
JOLIET IL, 60431

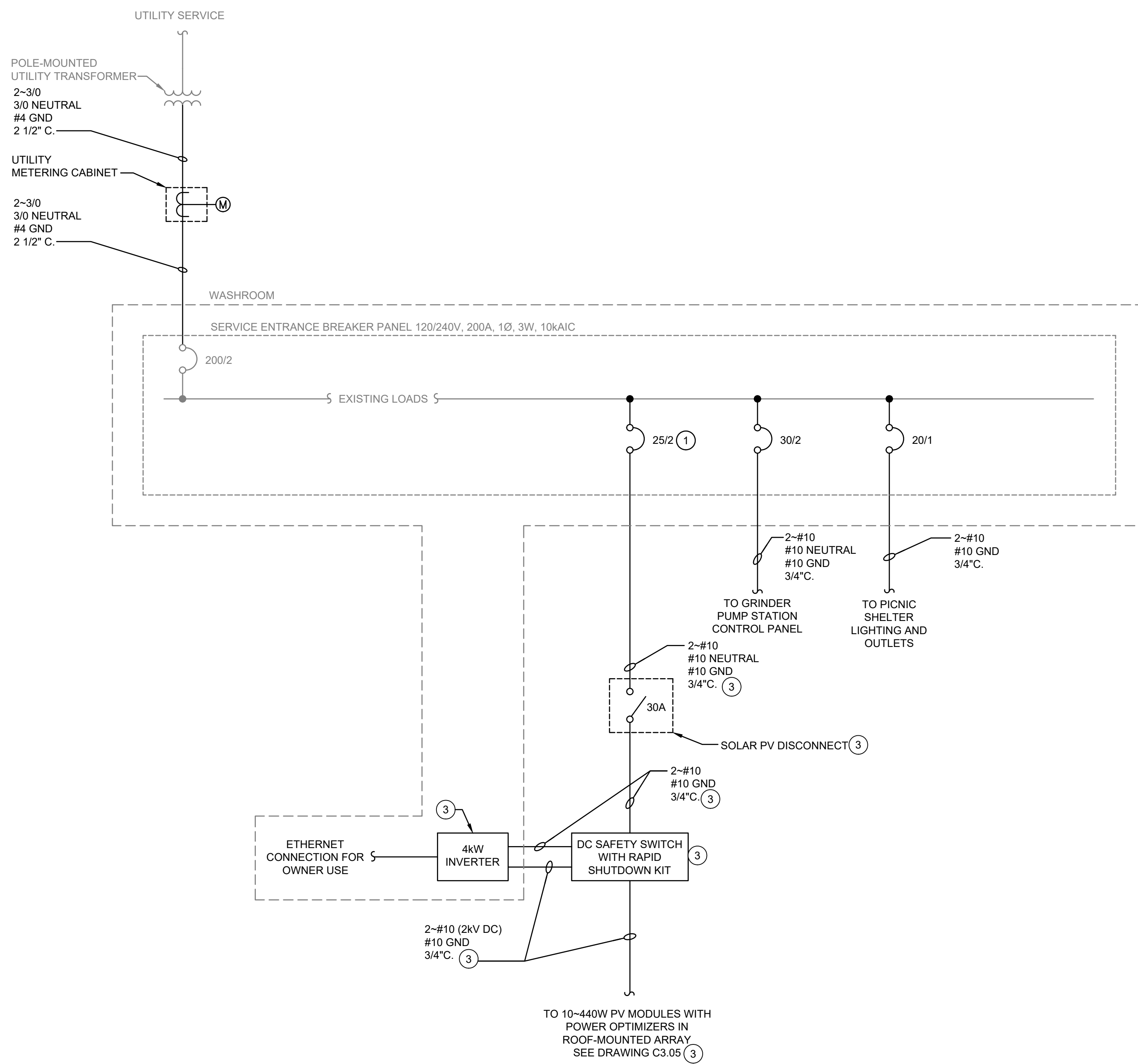
MARK:	DATE:
1	12/04/25
2	02/09/26
3	02/16/26
4	04/13/26

PROJECT NO:	6975.016
DRAWN BY:	ESK
CHECKED BY:	MRW
DATE:	02/16/20
SCALE:	

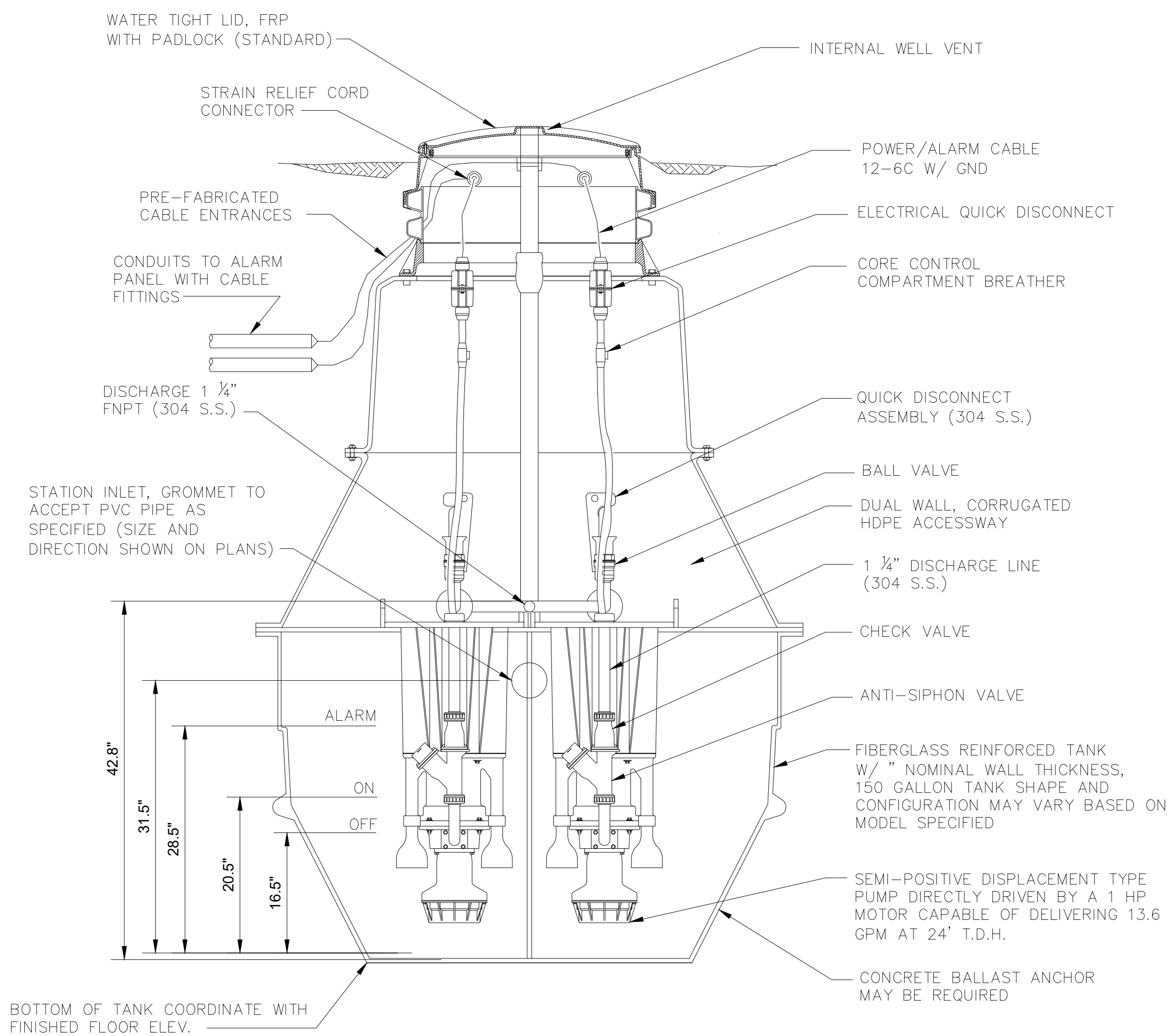
HEET TITLE: ELECTRICAL ONE LINE DIAGRAM & SCHEDULE

HEET NO:
C3.07

EXISTING BREAKER PANEL BP-200													
SERVICE:		120/240V, 1φ, 3W				ENCLOSURE: NEMA 1				MOUNTING:		SURFACE	
MAIN BREAKER:		200A								MAIN BUS:		COPPER	
LOCATION:		MECHANICAL ROOM								SCIC:		10 KAIC	
ROOM NUMBER/DESCRIPTION		AMPS	POLES	CKT. #	PHASE A	PHASE B	PHASE A	PHASE B	CKT. #	POLES	AMPS	ROOM NUMBER/DESCRIPTION	
WATER HEATER		30	2	1	2250		950		2	1	20	HAND DRYER 1	
				3		2250		950	4	1	20	HAND DRYER 2	
REC: MECHANICAL		20	1	5	720			950	6	1	20	HAND DRYER 3	
LTS: TOILETS		20	1	7		301			8	1	20	REC: TOILETS 1	
LTS: MECH		20	1	9	106			180	10	1	20	REC: TOILETS 2	
LTS: EXTERIOR		20	1	11		72		180	12	1	20	REC: TOILETS 3	
PICNIC SHELTER LIGHTING AND OUTLETS*		20	1	13	585		360		14	1	20	MOTORIZED GATE (FUTURE)*	
GRINDER PUMP STATION CONTROL PANEL*		30	2	15	1920				16	1	20		
		20	1	17					18	1	20		
		20	1	19					20	1	20		
		20	1	21					22	1	20		
		20	1	23					24	1	20		
		20	1	25					26	1	20		
		20	1	27					28	1	20		
		20	1	29					30	2	25	PV SYSTEM*	
TOTAL LOAD PER PHASE PER SIDE (VA)					5581	4543	2440	1310					
TOTAL LOAD PHASE A (VA)		8021	VA	* Provide new circuit breaker within existing space.				TOTAL CONNECTED LOAD		58	VA		
TOTAL LOAD PHASE B (VA)		5853	VA					TOTAL CONNECTED LOAD + 25%		72	VA		
TOTAL CONNECTED LOAD (VA)		13874	VA					SPARE 25%		18	VA		
								FEEDER LOAD		90	VA		



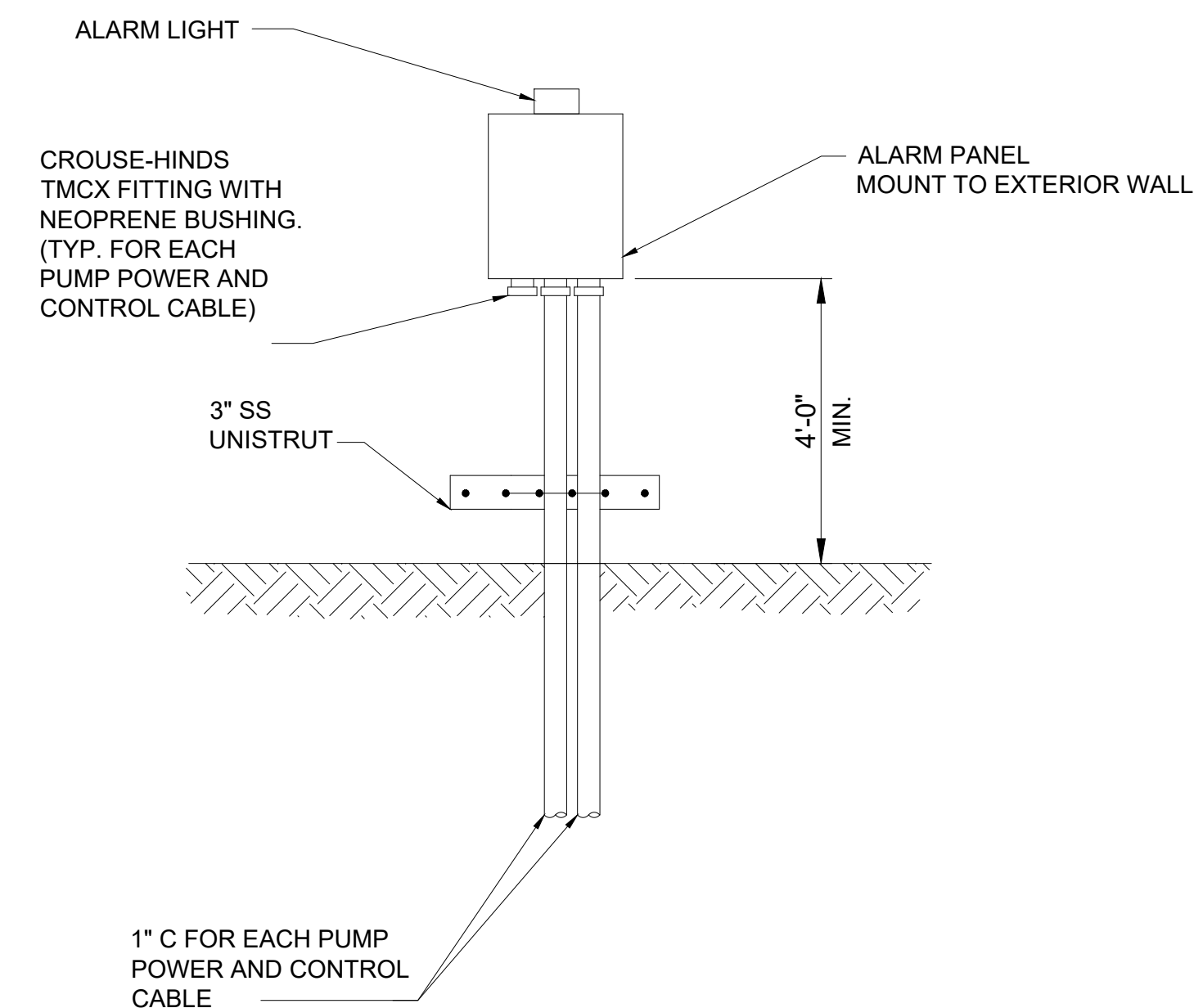
ONE-LINE DIAGRAM
NO SCALE



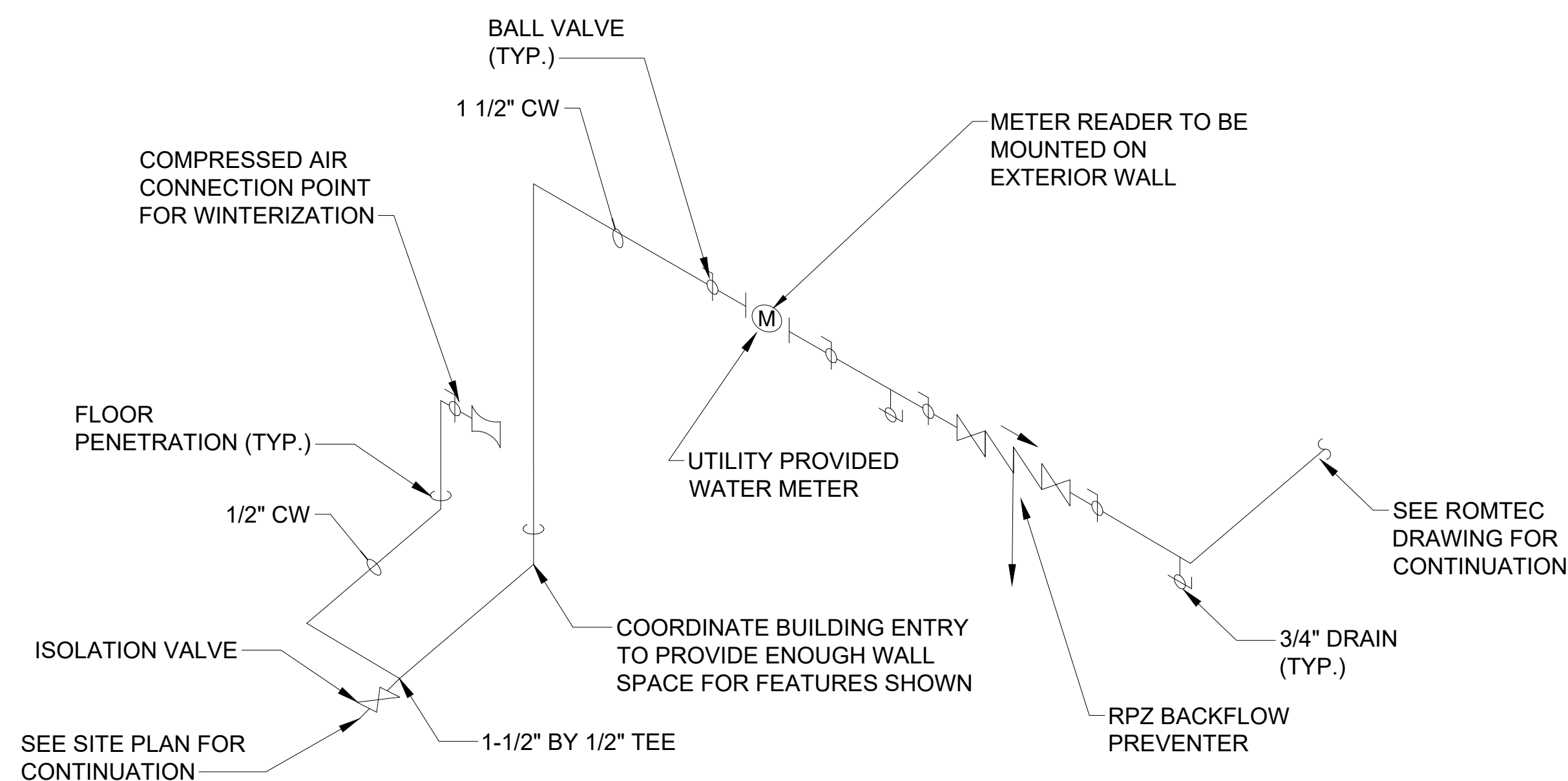
NOTES:

1. CONTRACTOR SHALL POUR CONCRETE ANCHOR PRIOR TO INSTALLATION AROUND ENTIRE BASE UNIT TO ELIMINATE POTENTIAL FLOATING OF UNIT FROM HIGH GROUND WATER LEVELS. DIMENSIONS OF CONCRETE ANCHOR SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
2. CONTRACTOR SHALL PROVIDE ALL NECESSARY CONNECTIONS BETWEEN ALARM PANEL AND GRINDER PUMP UNIT.
3. EXACT LOCATION OF INDIVIDUAL GRINDER PUMPS SHALL BE FIELD DETERMINED BY THE OWNER IN THE FIELD.
4. ALL DISCHARGE PRESSURE SEWER SHALL HAVE A 5' MINIMUM COVER.
5. REDUNDANT CHECK VALVES SHALL BE LOCATED ON EACH GRINDER PUMP.
6. ALL LABOR AND MATERIAL SHALL BE PAID FOR UNDER GRINDER PUMP STATION COMPLETE.

**DUPLEX GRINDER PUMP
STATION INSTALLATION**
A
P5.01 NO SCALE



DUPLEX GRINDER PUMP STATION ALARM PANEL
B
P5.01 NO SCALE



NOTES:

1. SETTLEMENTS ARE SHOWN FOR INTENT AND CLARITY. ALL PIPE ROUTES AND CONNECTIONS SHALL BE FIELD VERIFIED.
2. WATER SUPPLY SYSTEM SHALL BE FULLY DRAINABLE TO PREVENT FREEZING IN WINTER MONTHS.

WATER SUPPLY SCHEMATIC
C
P5.01 NO SCALE

OWNER: **FOREST PRESERVE DISTRICT**
DU PAGE COUNTY

STREET ADDRESS: 3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS: P.O. BOX 5000
WHEATON, IL 60189-5000

CONTACT NUMBERS: PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599

8S127 GREENE RD, NAPERVILLE, IL 60540

CONSULTANT: STRAND ASSOCIATES
1170 HOUBOLT ROAD
JOLIET IL 60431

SUBCONSULTANT:

PH#:

FAX#

PH#:

FAX#

MARK:	DATE:	DESCRIPTION:
1	12/04/25	75% COMPLETE
2	02/09/26	FOR PERMITTING
3	02/16/26	FOR PERMITTING
4	04/13/26	FOR PERMITTING

PROJECT NO: 6975.016
DRAWN BY: ESK
CHECKED BY: MRW
DATE: 02/16/26
SCALE:

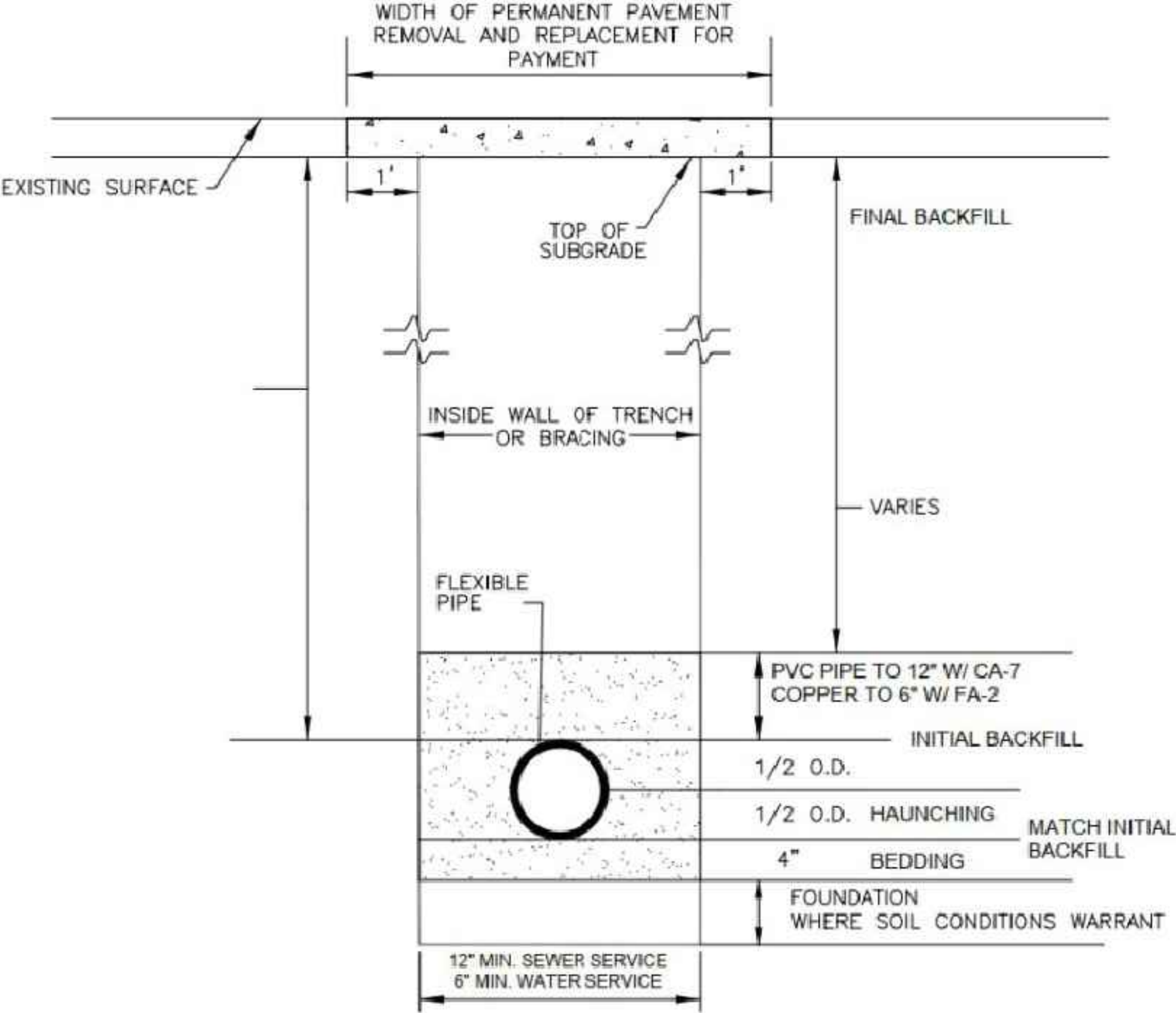
SHEET TITLE:
**GRINDER PUMP
DETAILS & WATER
SUPPLY ONE LINE**

SHEET NO:

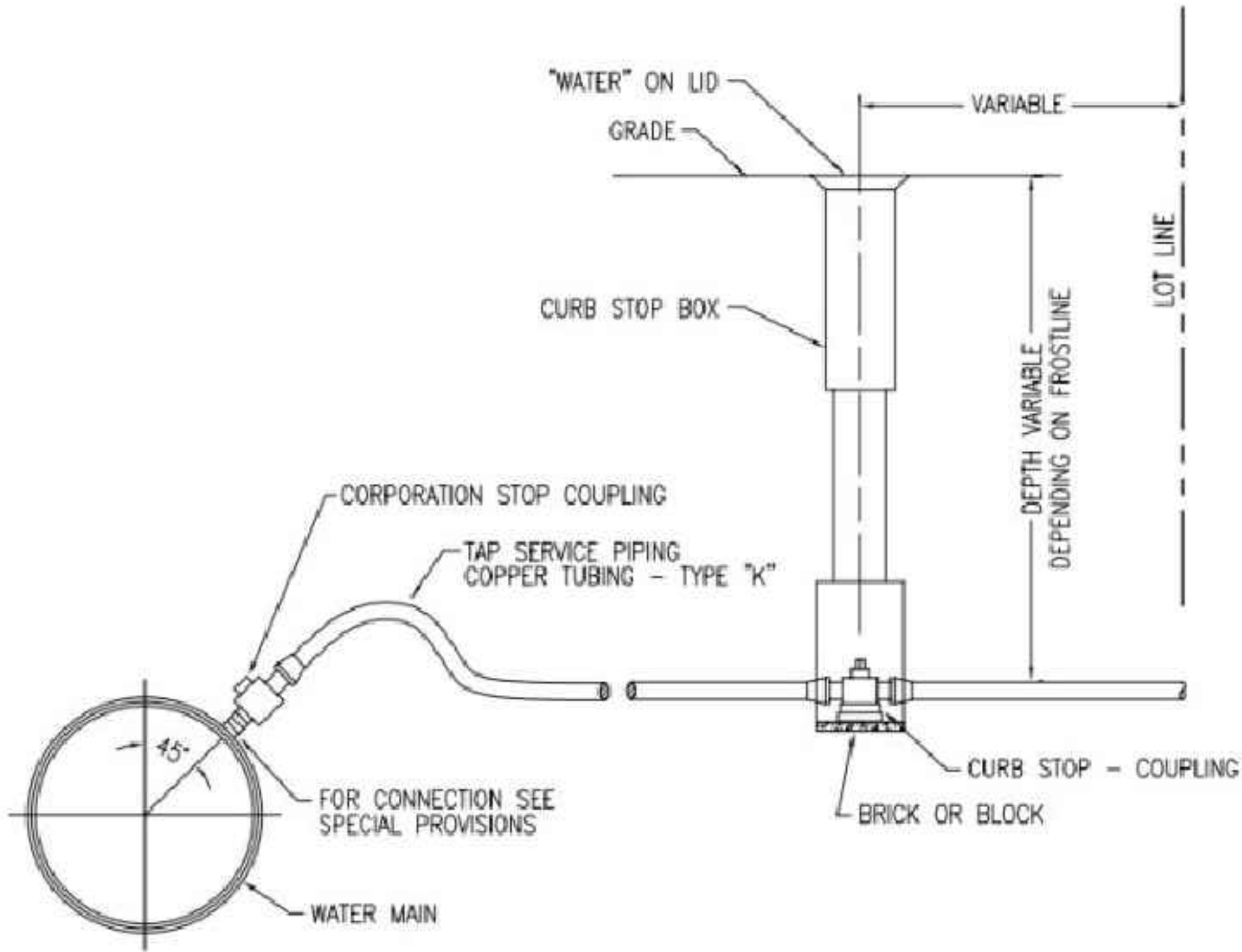
C3.08

SHEET 49 of 128

CAD DWG FILE: \\mapr-planing\Preserve\35-WB\35-WB-35-000\Back-40 OSLAD.dwg (wingCADPrint.dwg)



A
C3.08 TRENCH DETAIL
NO SCALE



B
C3.08 WATER SERVICE TAP,
VALVE, AND BOX DETAIL
NO SCALE

OWNER: **FOREST PRESERVE DISTRICT**
DU PAGE COUNTY

STREET ADDRESS: 3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS: P.O. BOX 5000
WHEATON, IL 60189-5000

CONTACT NUMBERS: PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599
85127 GREENE RD, NAPERVILLE, IL 60540

CONSULTANT: STRAND ASSOCIATES 1170 HOUBOLT ROAD JOLIET IL, 60431		SUBCONSULTANT:	
		PH#:	
		FAX#	

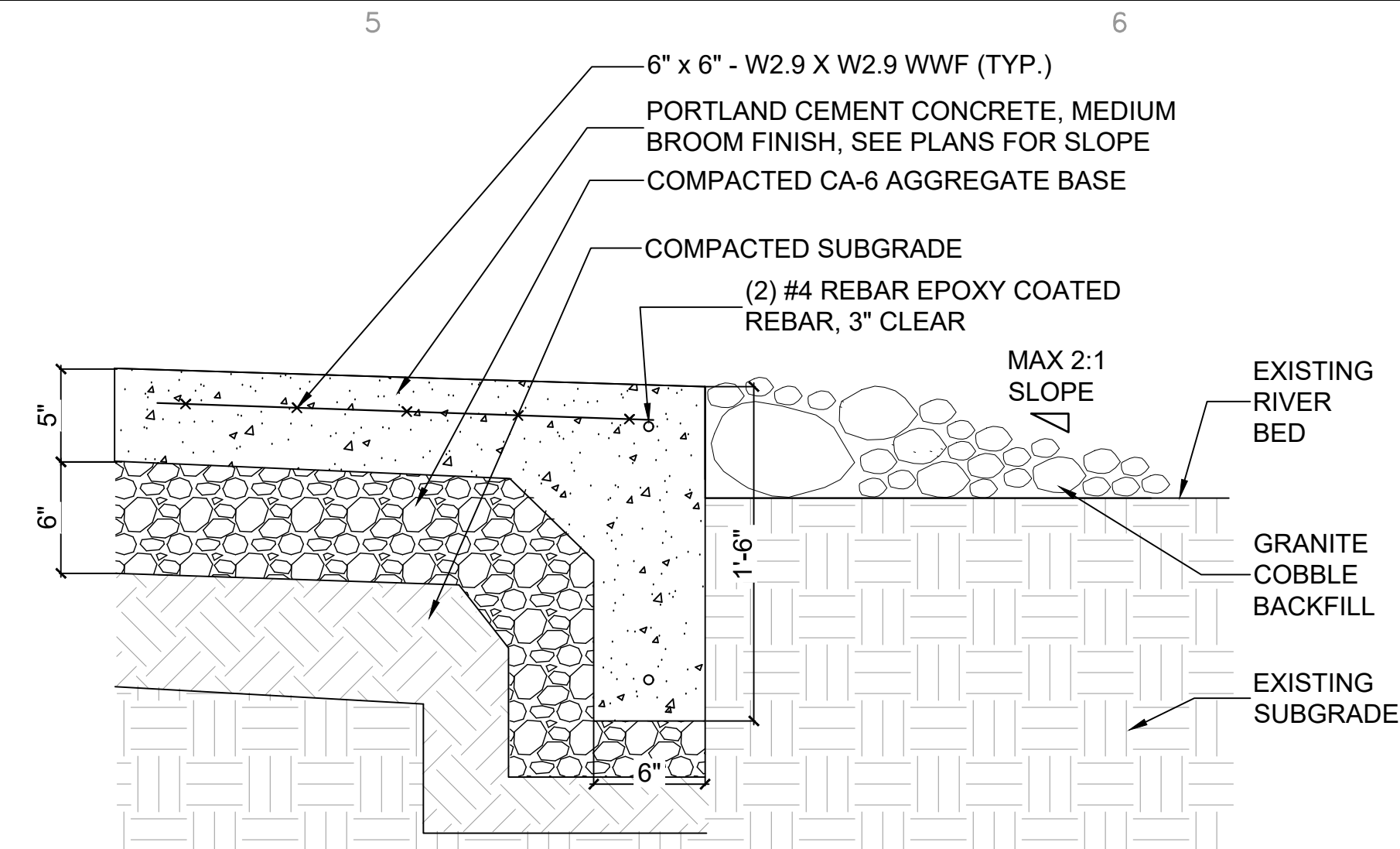
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1	12/04/25	75% COMPLETE
2	02/09/26	FOR PERMITTING
3	02/16/26	FOR PERMITTING
4	04/13/26	FOR PERMITTING

PROJECT NO:	6975.016
DRAWN BY:	ESK
CHECKED BY:	MRW
DATE:	02/16/26
SCALE:	

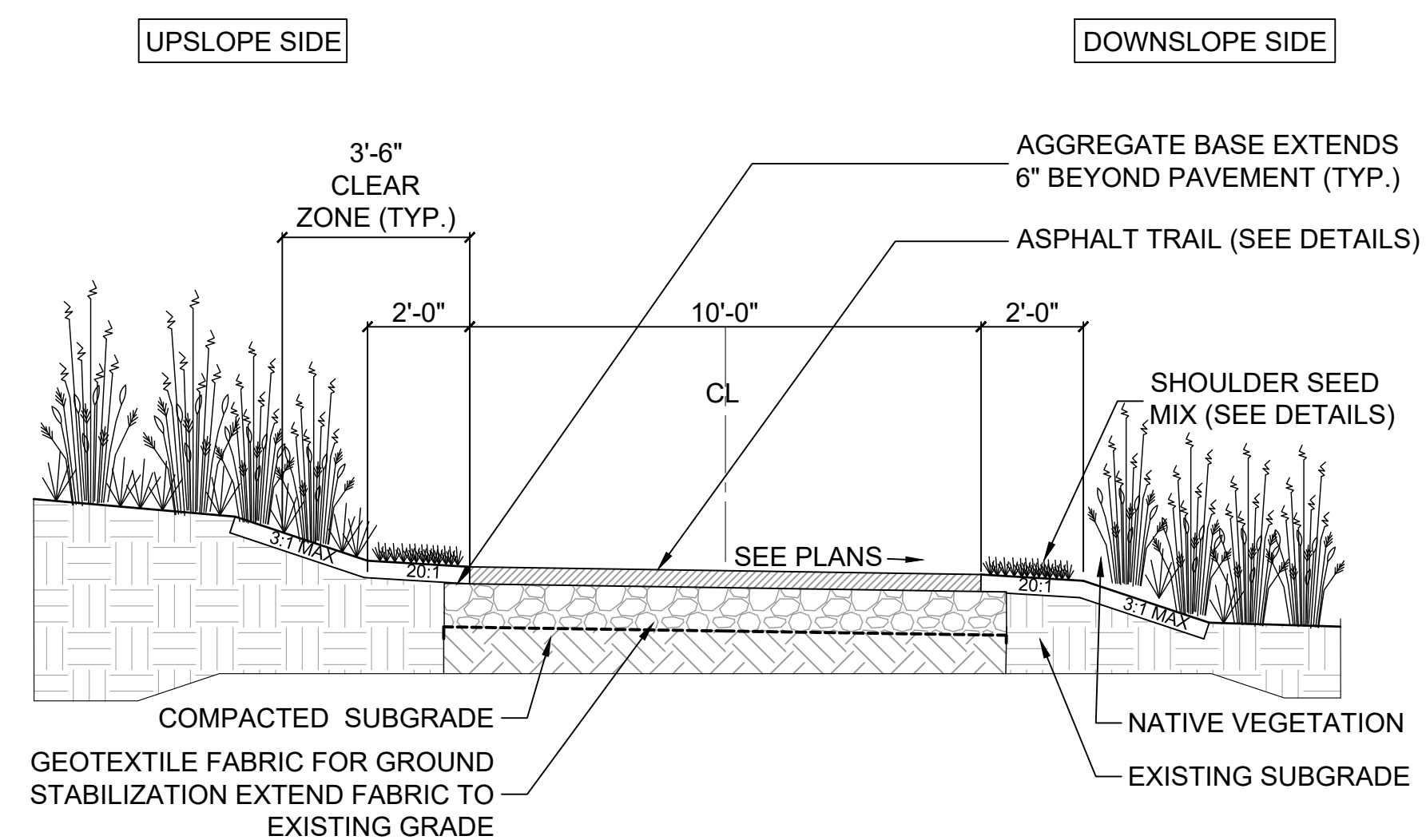
SHEET TITLE:
CIVIL DETAILS

SHEET NO:
C3.09
SHEET 50 of 128

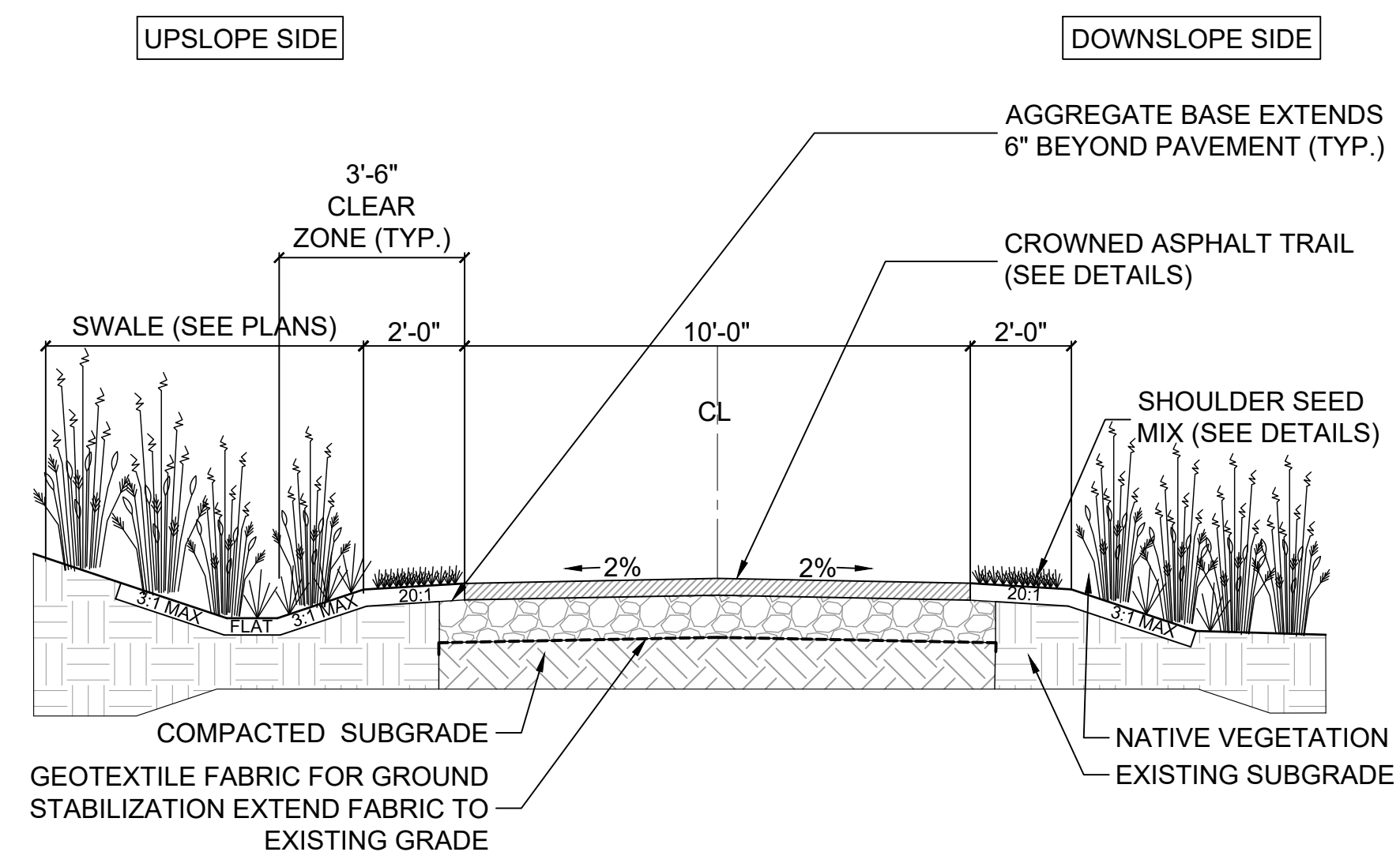
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D5 KAYAK LAUNCH
C4.00 SCALE: 1 $\frac{1}{2}$ " = 1'



C5 CROSS SLOPED ASPHALT TRAIL
 C4.00 SCALE: $\frac{3}{8}" = 1'$



A5 CROWNED ASPHALT TRAIL
C4.00 SCALE: $\frac{3}{8}" = 1'$

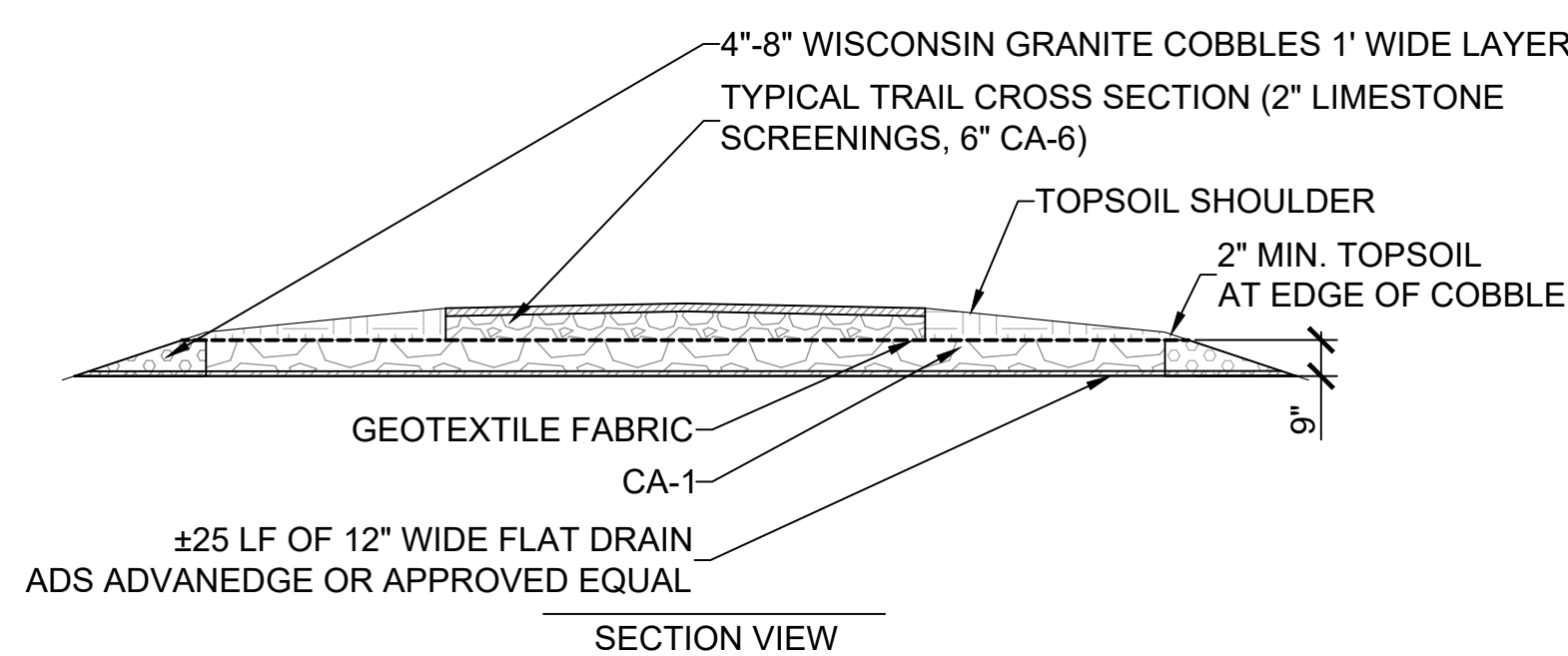
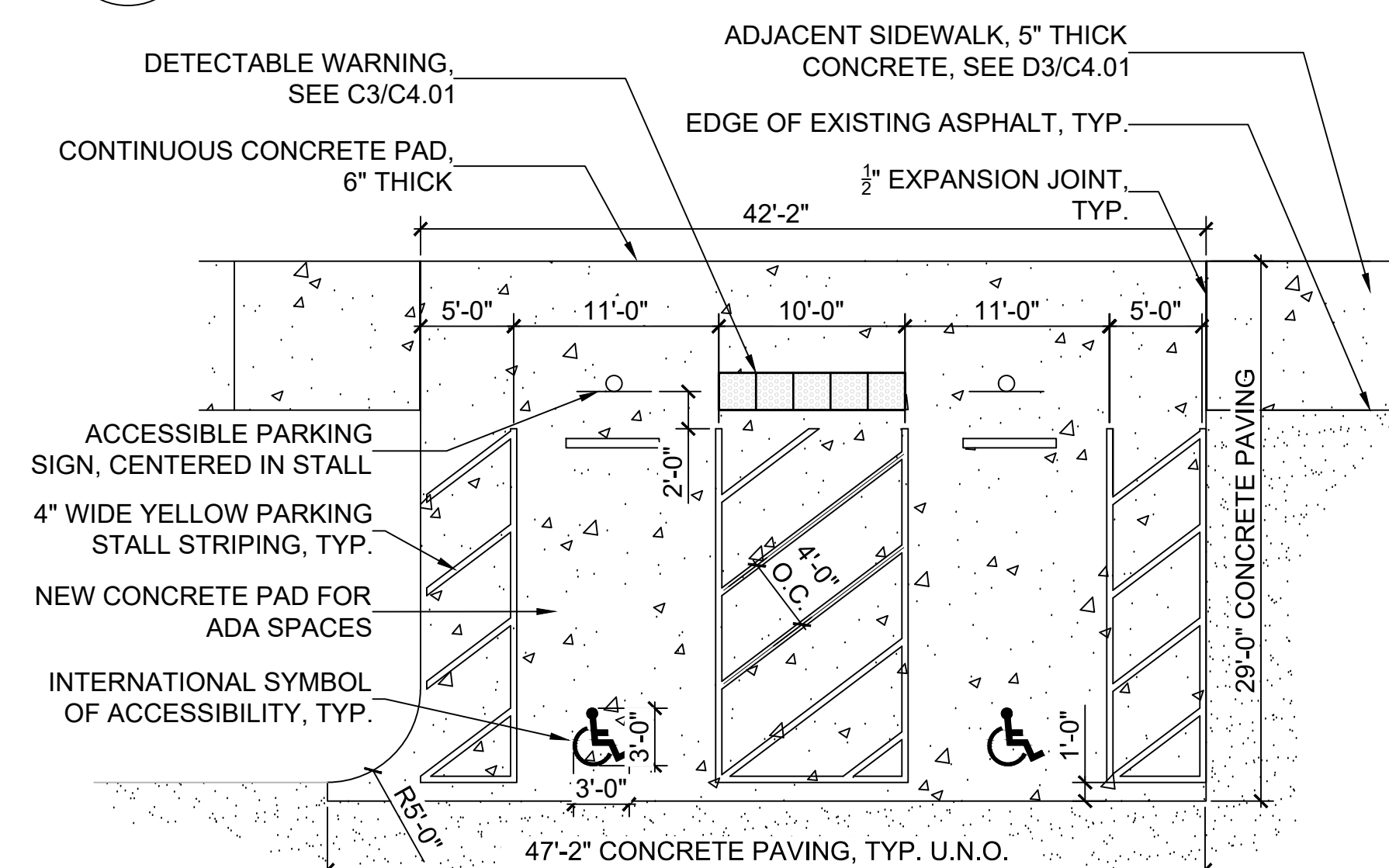


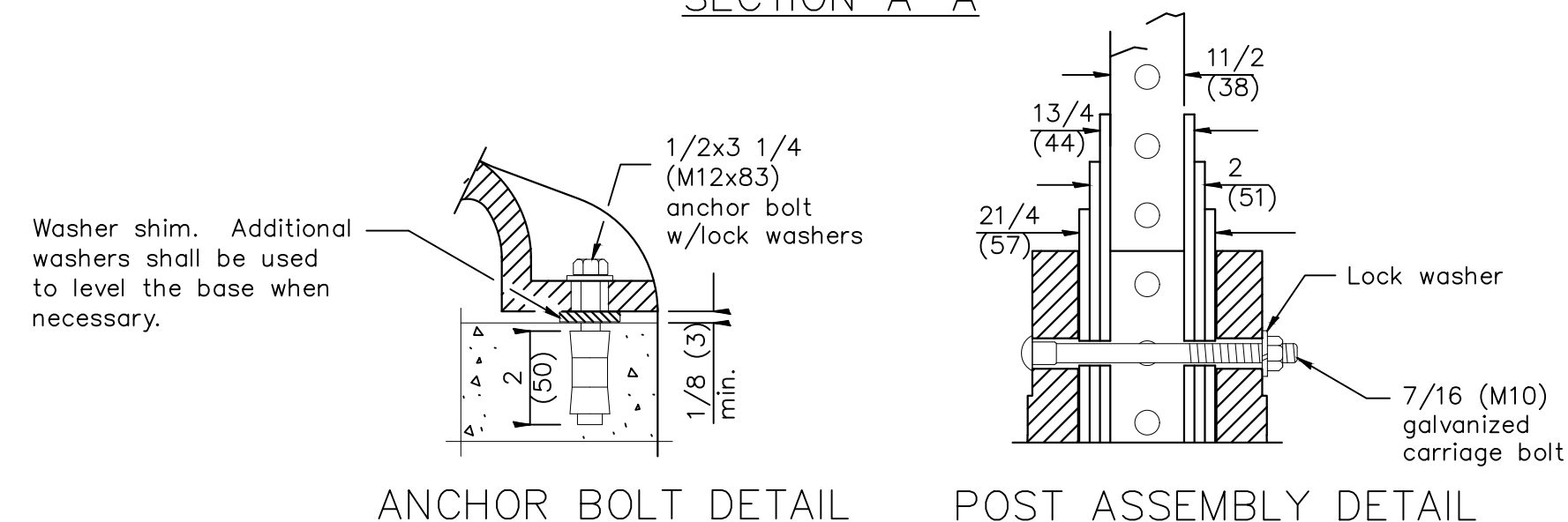
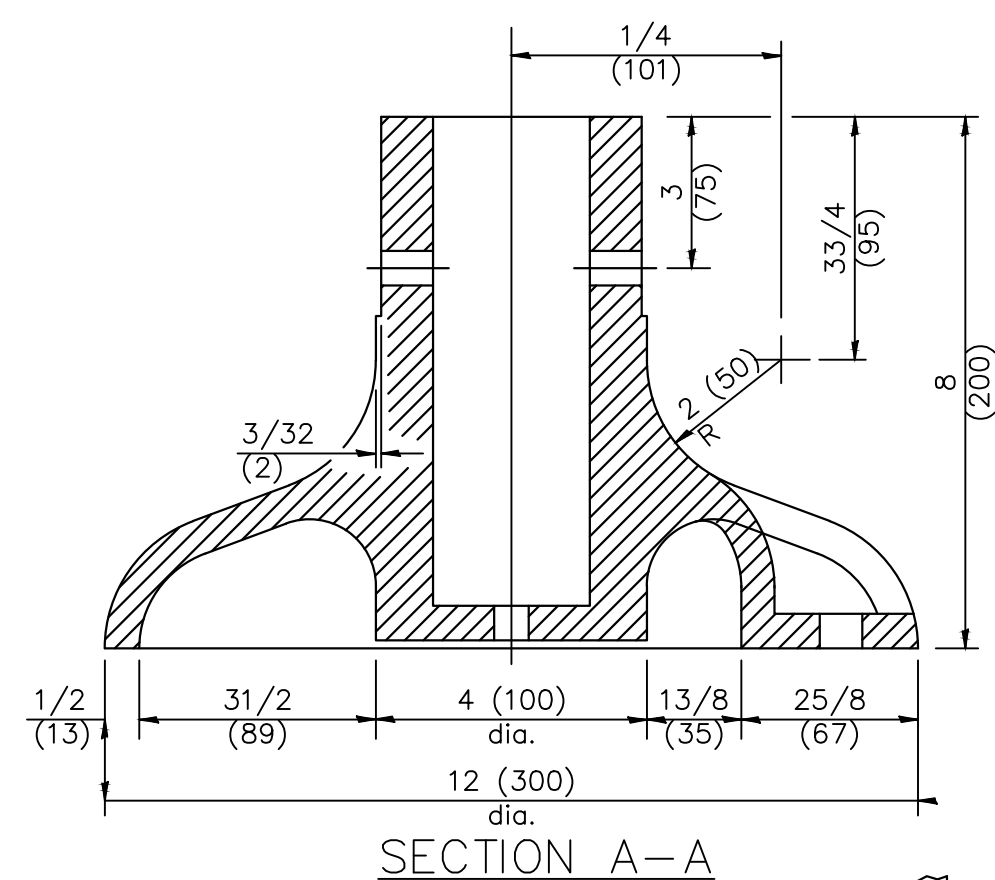
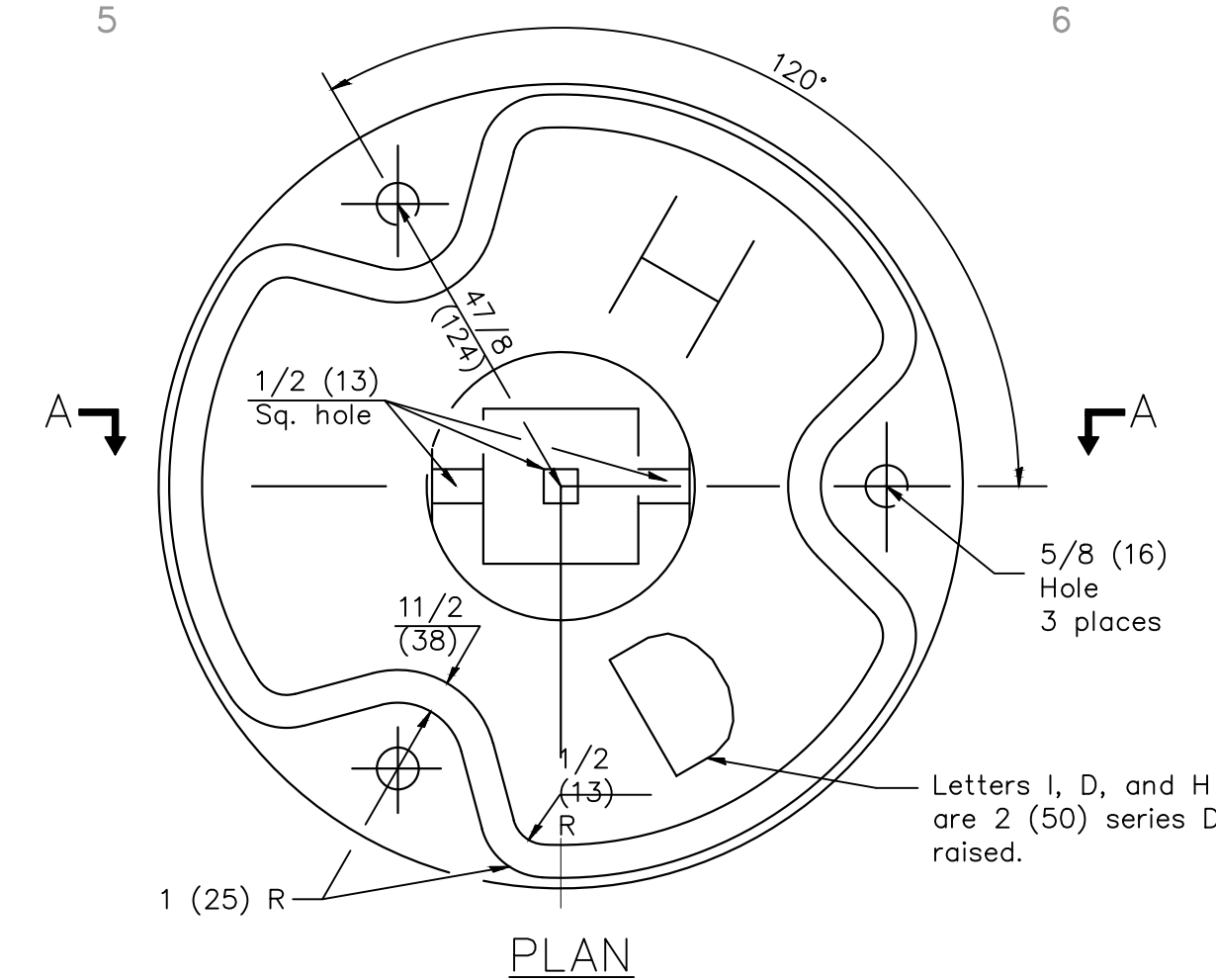
Diagram illustrating the cross-section of a concrete ADA parking stall construction, showing the following components and layers:

- 3" EXPANSION JOINT, PRE-MOLDED JOINT FILLER**: Located at the top edge of the concrete slab.
- 1/2" LATEX CAULK JOINT SEALER (FINISH CORNERS W/ EDGER)**: Applied to the joint.
- CONCRETE ADA PARKING STALL**: The main concrete slab, shown with a width of 6' and a depth of 6'.
- 1" DIA. EPOXY COATED SMOOTH DOWEL BAR (18" LONG). CAST FIRST HALF IN PLACE, AFTER SETTING APPLY PLASTIC CAP & CAST OTHER HALF**: A horizontal bar spanning the joint.
- 6" x 6" - W2.9 X W2.9 WWF (TYP.)**: Reinforcing bars within the concrete slab.
- PORTLAND CEMENT CONCRETE**: The base layer beneath the slab.
- COMPACTED CA-6 AGGREGATE BASE**: The layer beneath the concrete.
- COMPACTED SUBGRADE**: The layer beneath the aggregate base.
- EXISTING SUBGRADE**: The bottom-most layer.

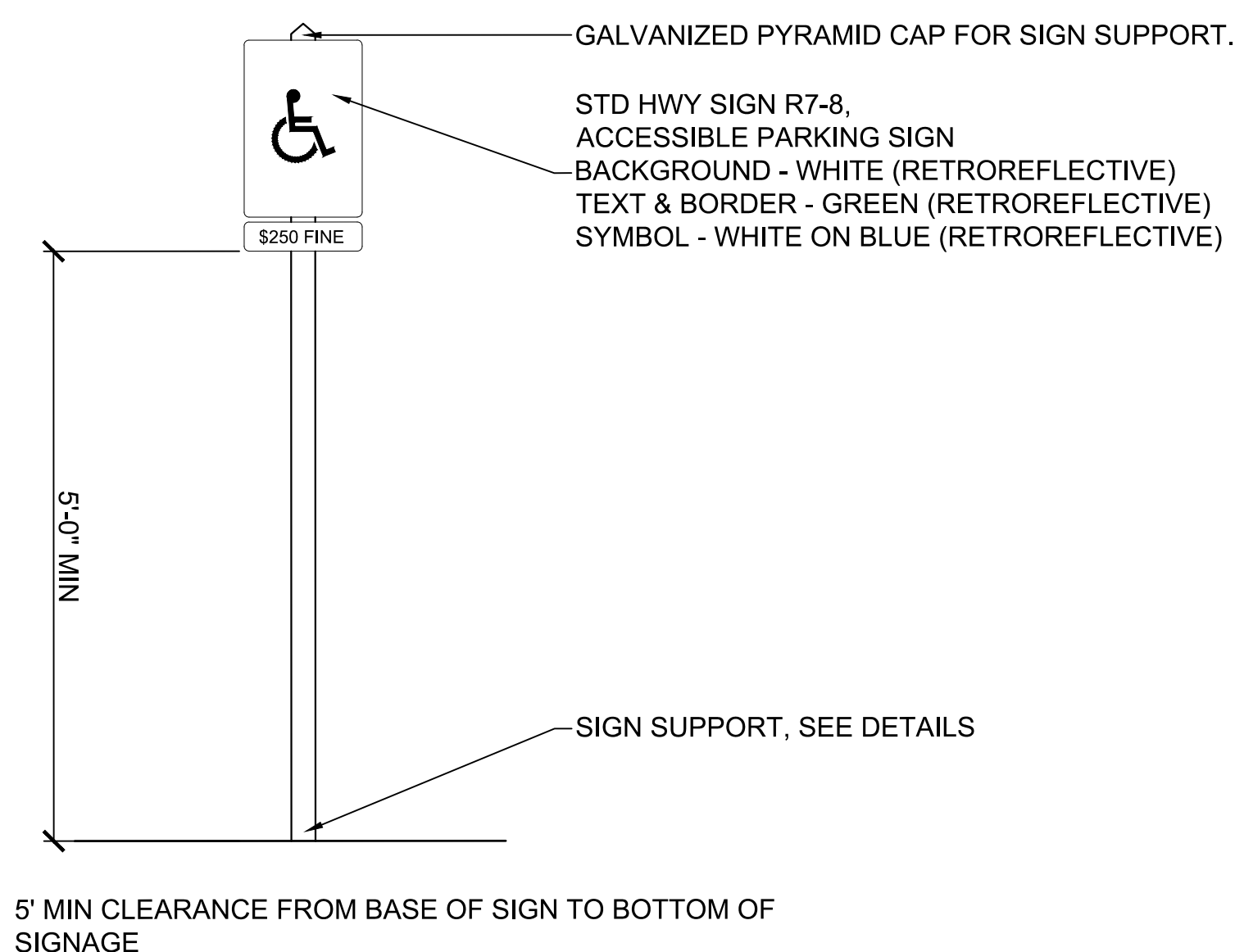
D3 CONCRETE TRANSITION 1.5" = 1'
C4.01 SCALE: 1 $\frac{1}{2}$ " = 1'



A3 ACCESSIBLE PARKING SPACES



C5 STEEL TELESCOPING SIGN BASE
C4.01 SCALE: NTS



A5 ADA PARKING SIGN
C4.01 SCALE: $\frac{3}{4}" = 1'$

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599

8S127 GREENE RD, NAPERVILLE, IL 60540

[illegible]

PROJECT NO:	Z-152-014
DRAWN BY:	
CHECKED BY:	
DATE:	7/17/2026
SCALE:	

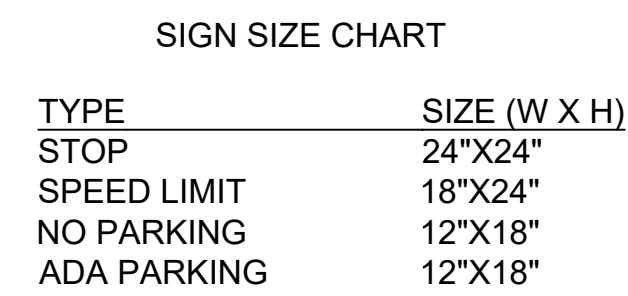
SHEET TITLE:

CIVIL DETAILS

SHEET NO:

C4.01

SHEET 52 of 128



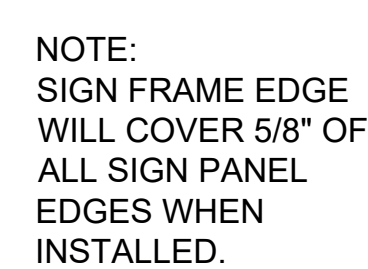
NOTE:

- A) HEIGHT OF SIGN IS MEASURED FROM THE ROAD/ TRAIL SURFACE
- B) ALL SIGNS SHALL USE STANDARD 3 POUND GALVANIZED U-CHANNEL SIGN POST (VARIES IN HEIGHT, SEE SIGN TYPE) DIRECT BURY 4'

C4.02 SCALE: $\frac{1}{4}" = 1'$



C4.02 SCALE: $\frac{1}{2}" = 1'$



C4.02 SCALE: $\frac{3"}{1} = 1$



GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599

PROJECT NO:	Z-152-014
DRAWN BY:	
CHECKED BY:	
DATE:	7/17/2026
SCALE:	

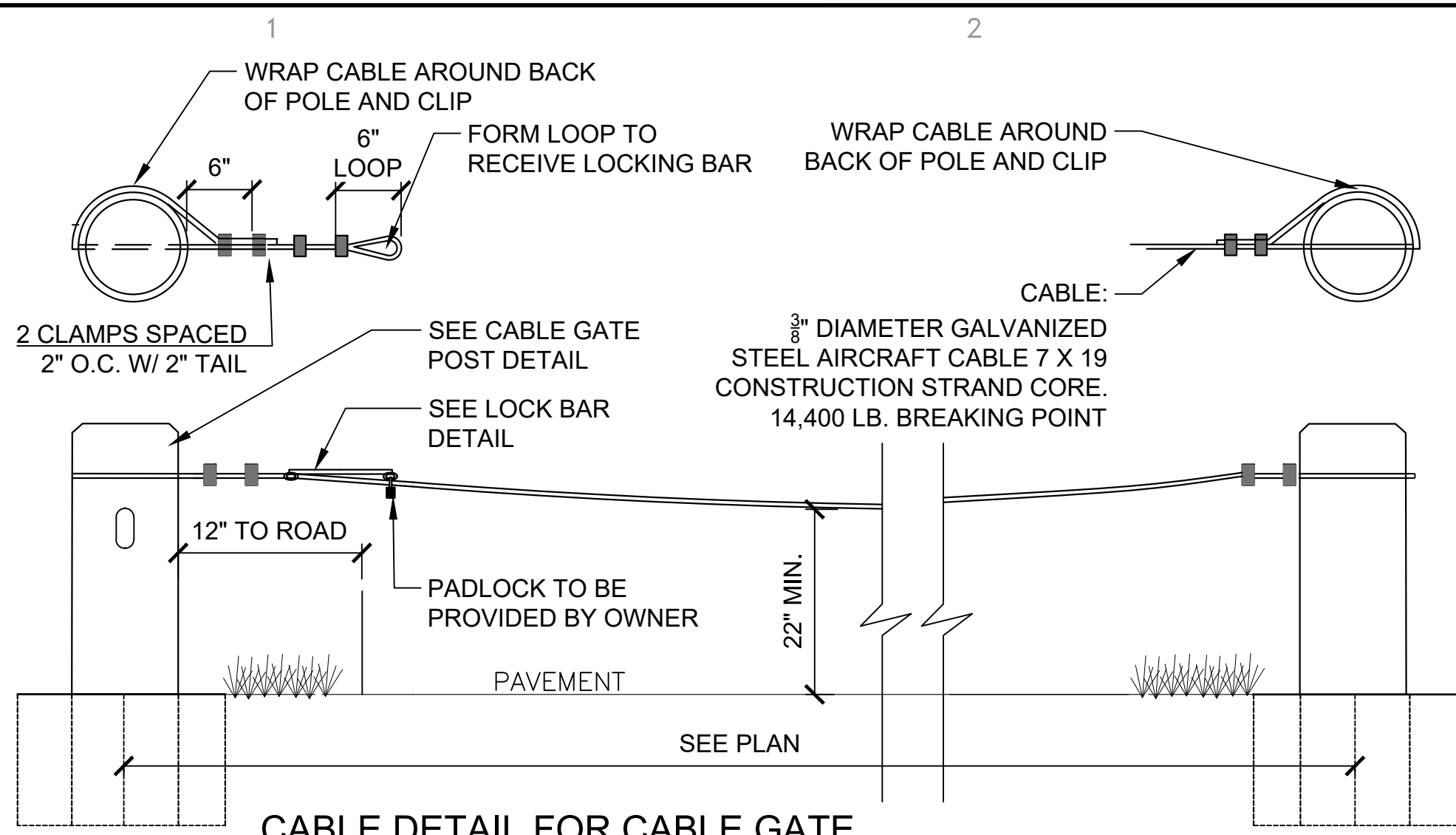
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CIVIL DETAILS

SHEET NO:

C4.02

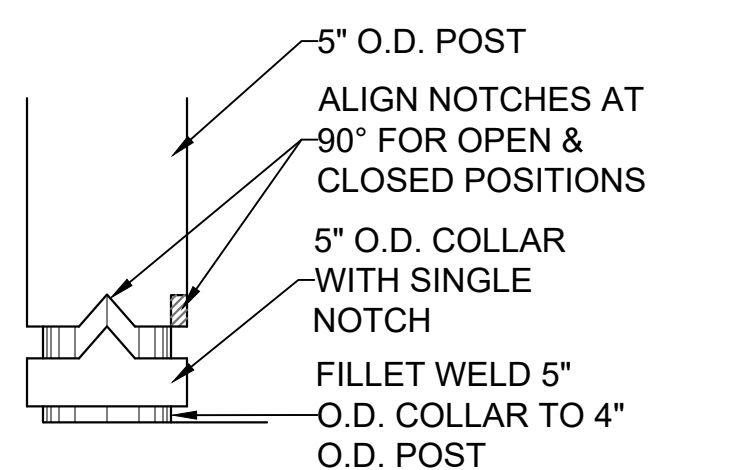
SHEET 53 of 128



CABLE DETAIL FOR CABLE GATE

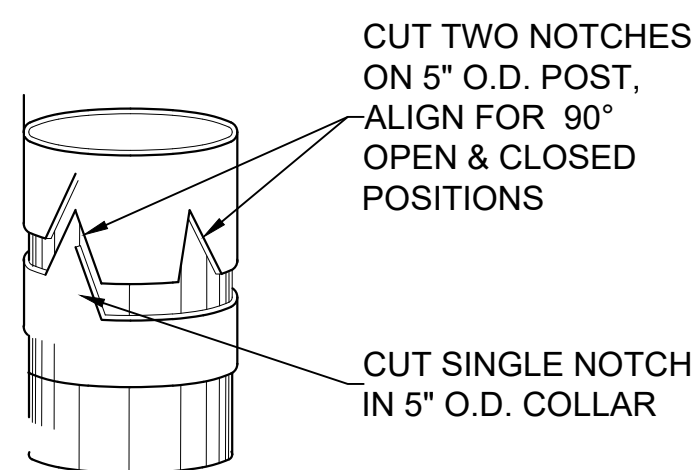
D1
C4.03 CABLE GATE DETAIL

SCALE: 3/4" = 1'



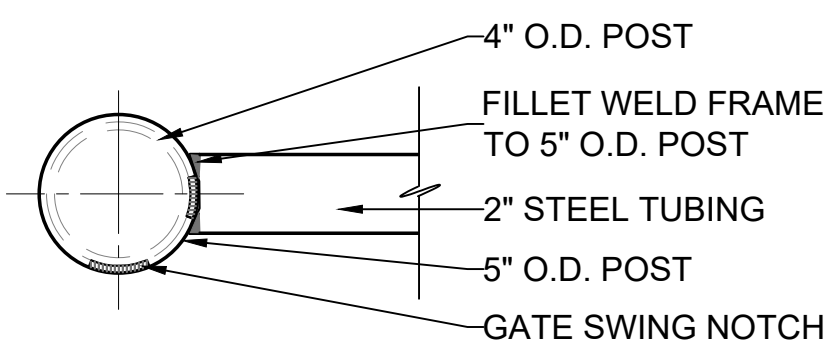
POST, SLEEVE & COLLAR

SCALE: 2" = 1'



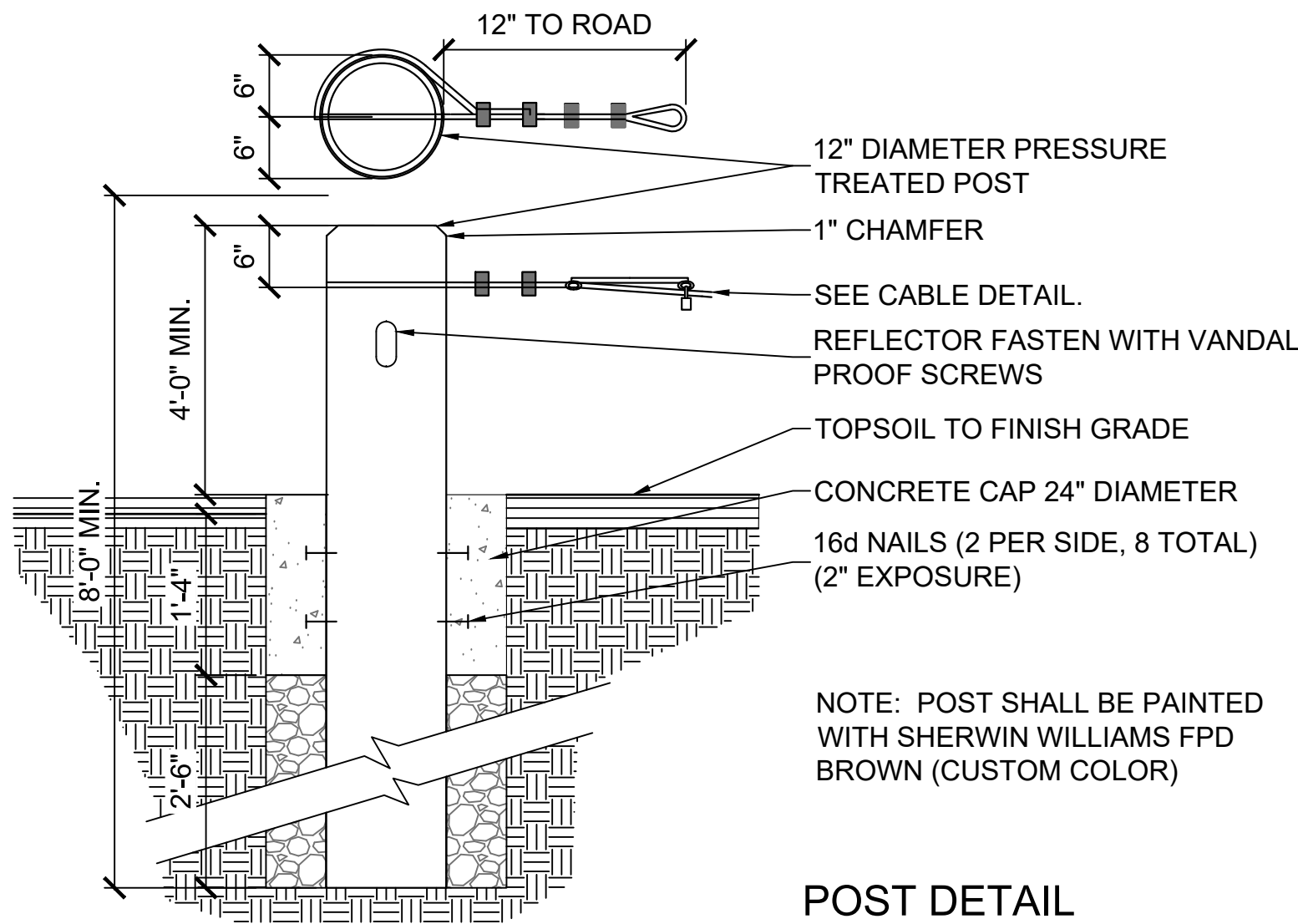
ISOMETRIC

SCALE: 2" = 1'



CARRIAGE BOLT

SCALE: 2" = 1'

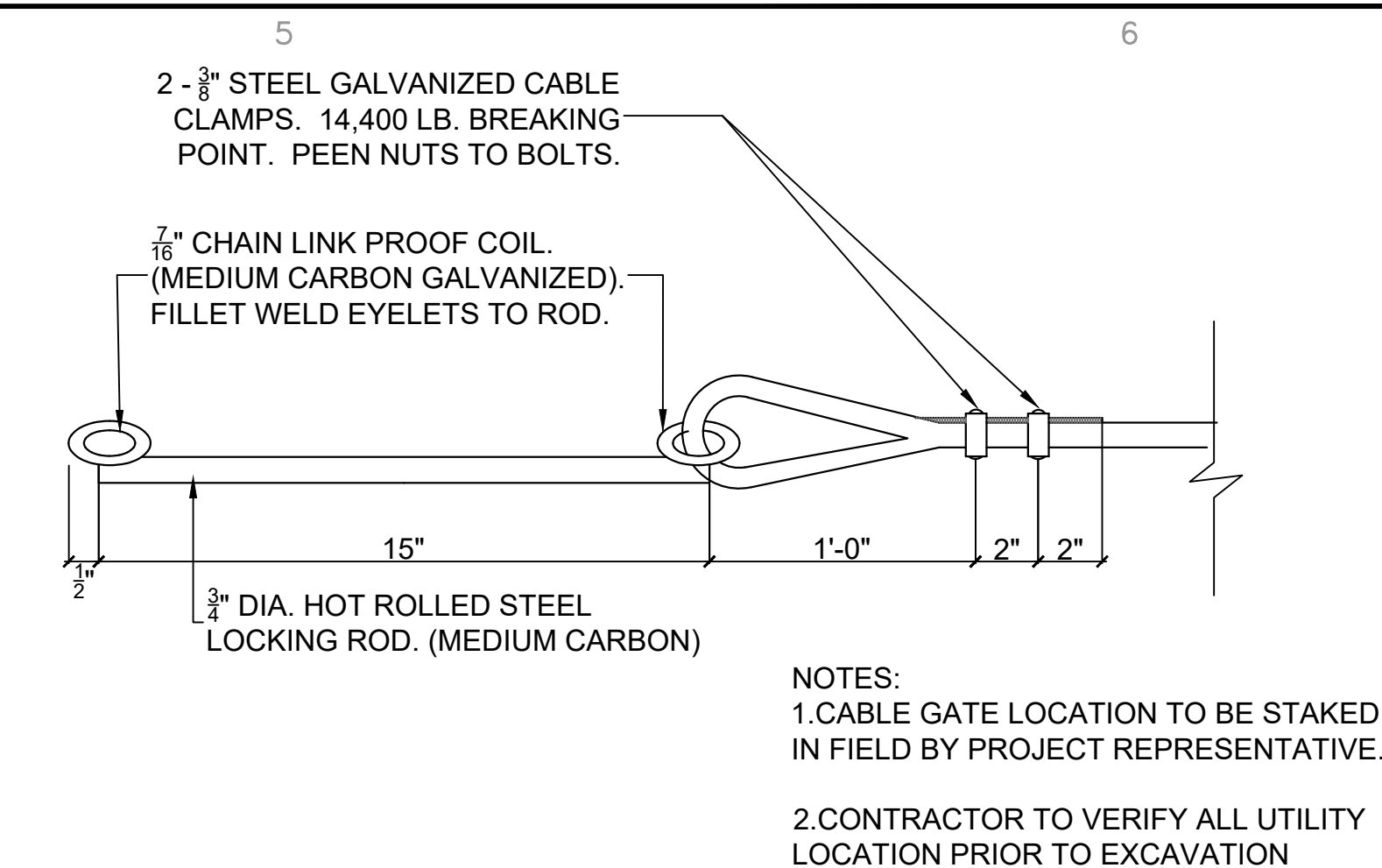


POST DETAIL

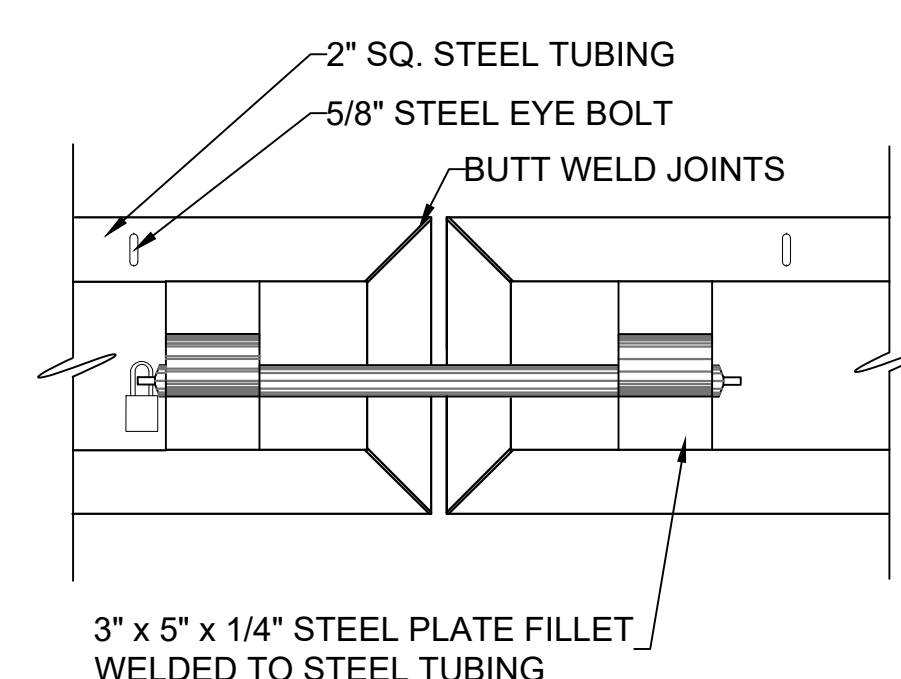
NOTE: POST SHALL BE PAINTED WITH SHERWIN WILLIAMS FPD BROWN (CUSTOM COLOR)

D5
C4.03 LOCK BAR DETAIL

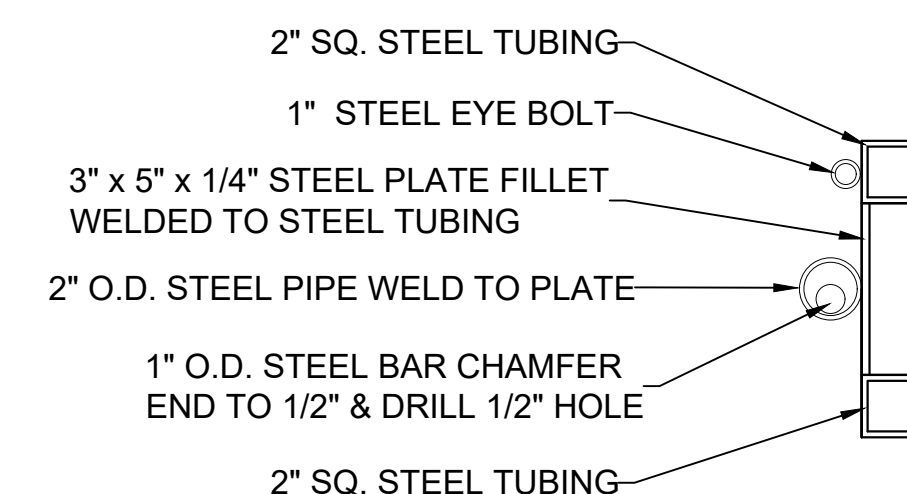
SCALE: 1 1/2" = 1'



NOTES:
1. CABLE GATE LOCATION TO BE STAKED IN FIELD BY PROJECT REPRESENTATIVE.
2. CONTRACTOR TO VERIFY ALL UTILITY LOCATION PRIOR TO EXCAVATION

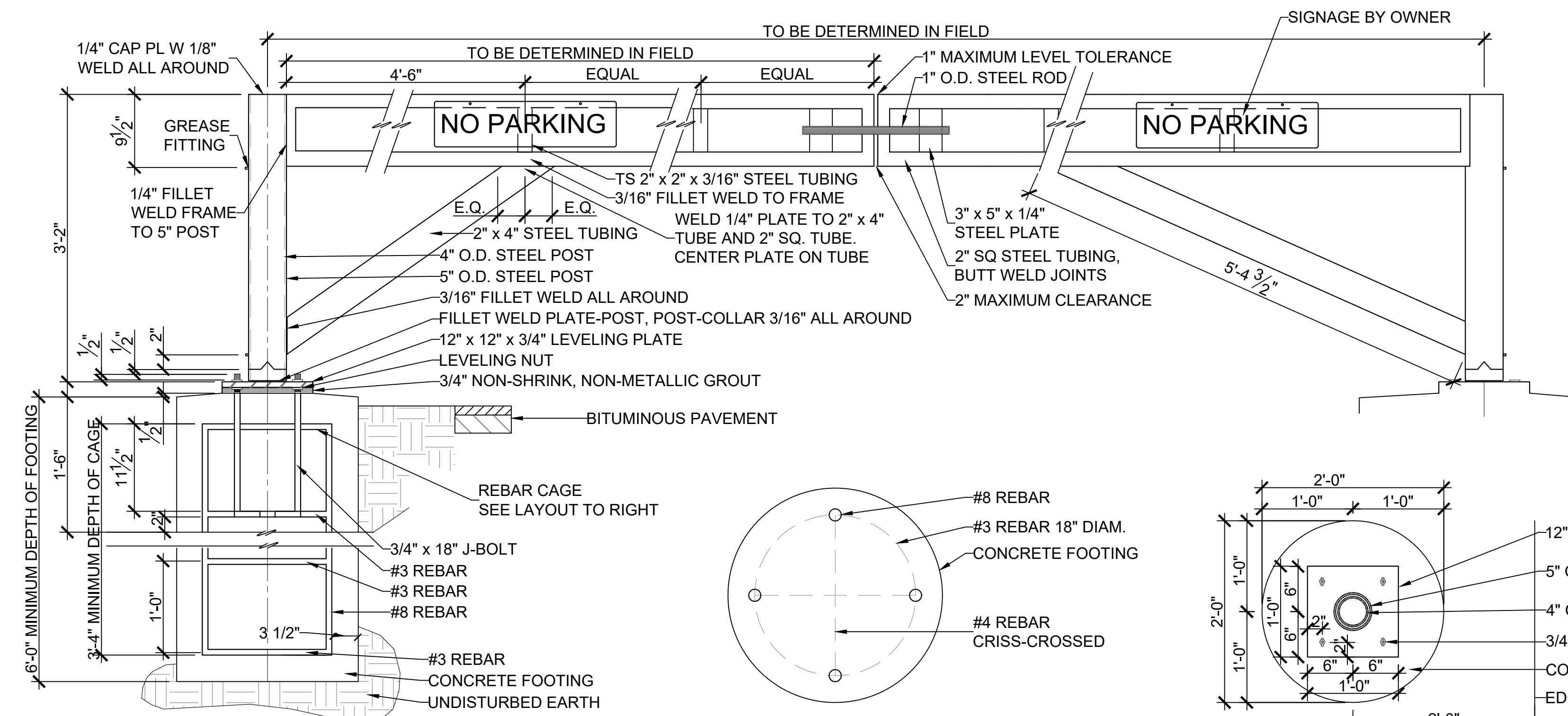


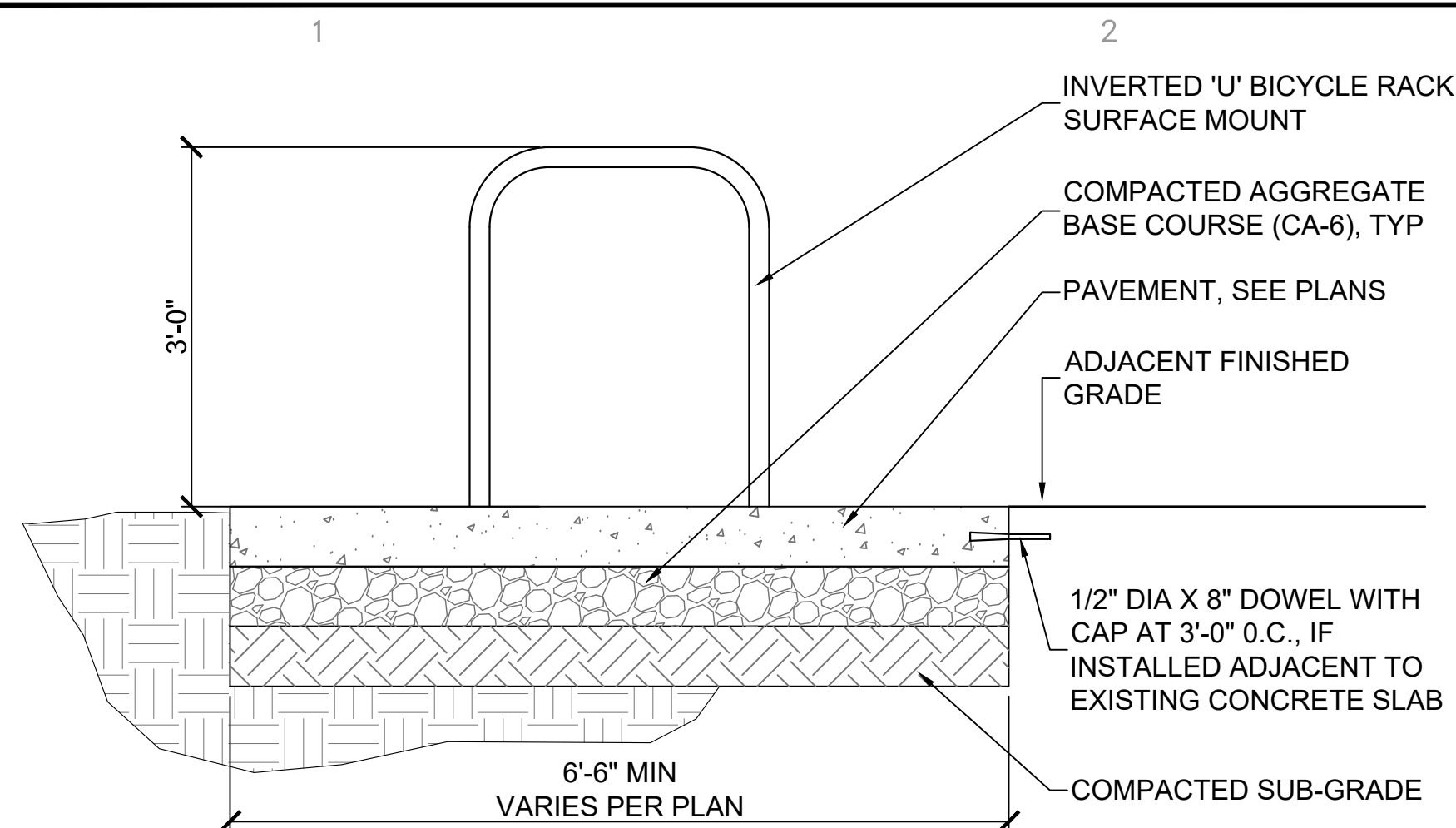
LOCKING MECHANISM



NOTES:
1. LOCKING MECHANISM TO BE LOCATED ON BACK SIDE OF SWING GATE
2. DISTRICT WILL PROVIDE LOCKS
3. EYE BOLT LOCATION TO BE DETERMINED BY BUMPER POST

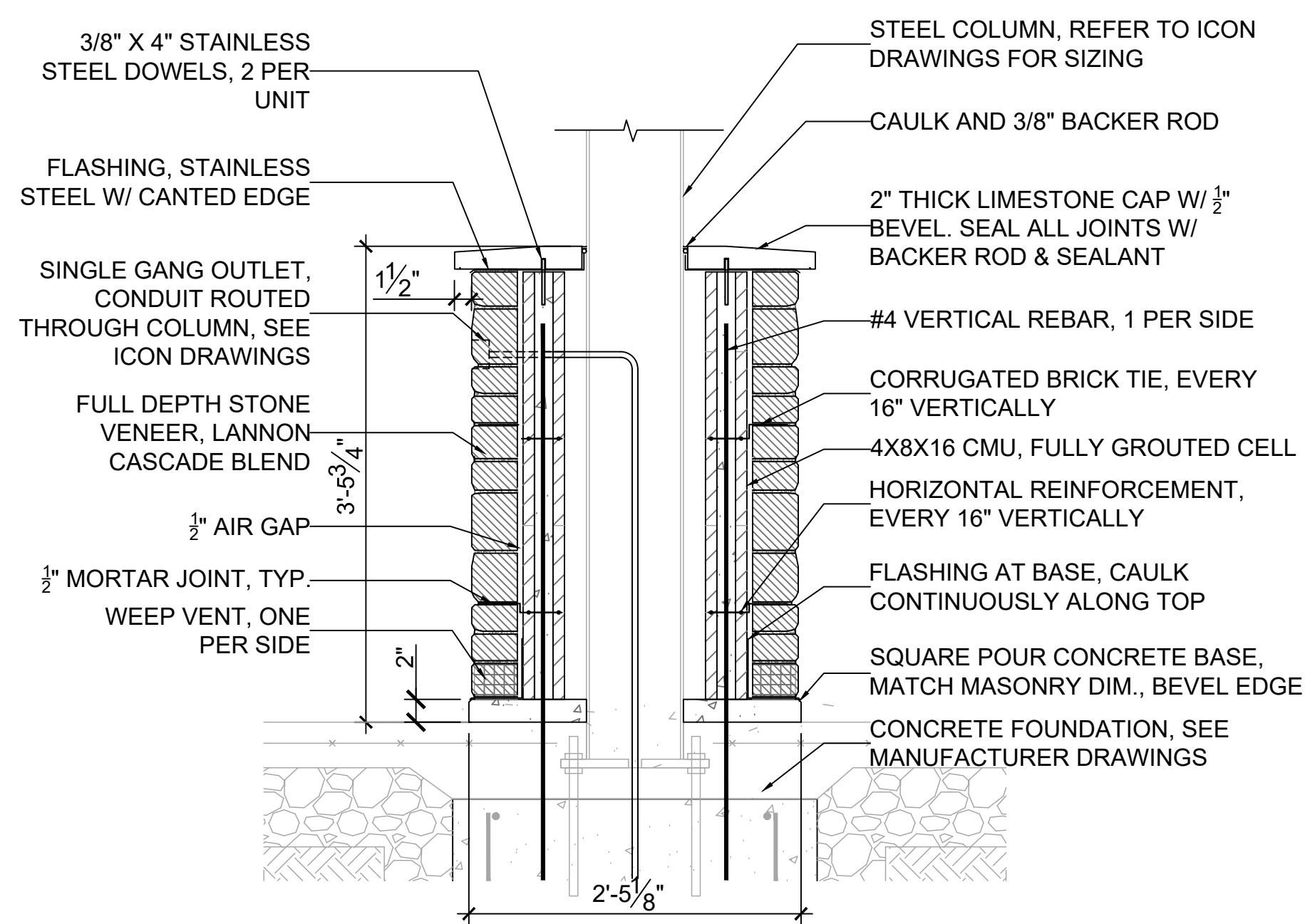
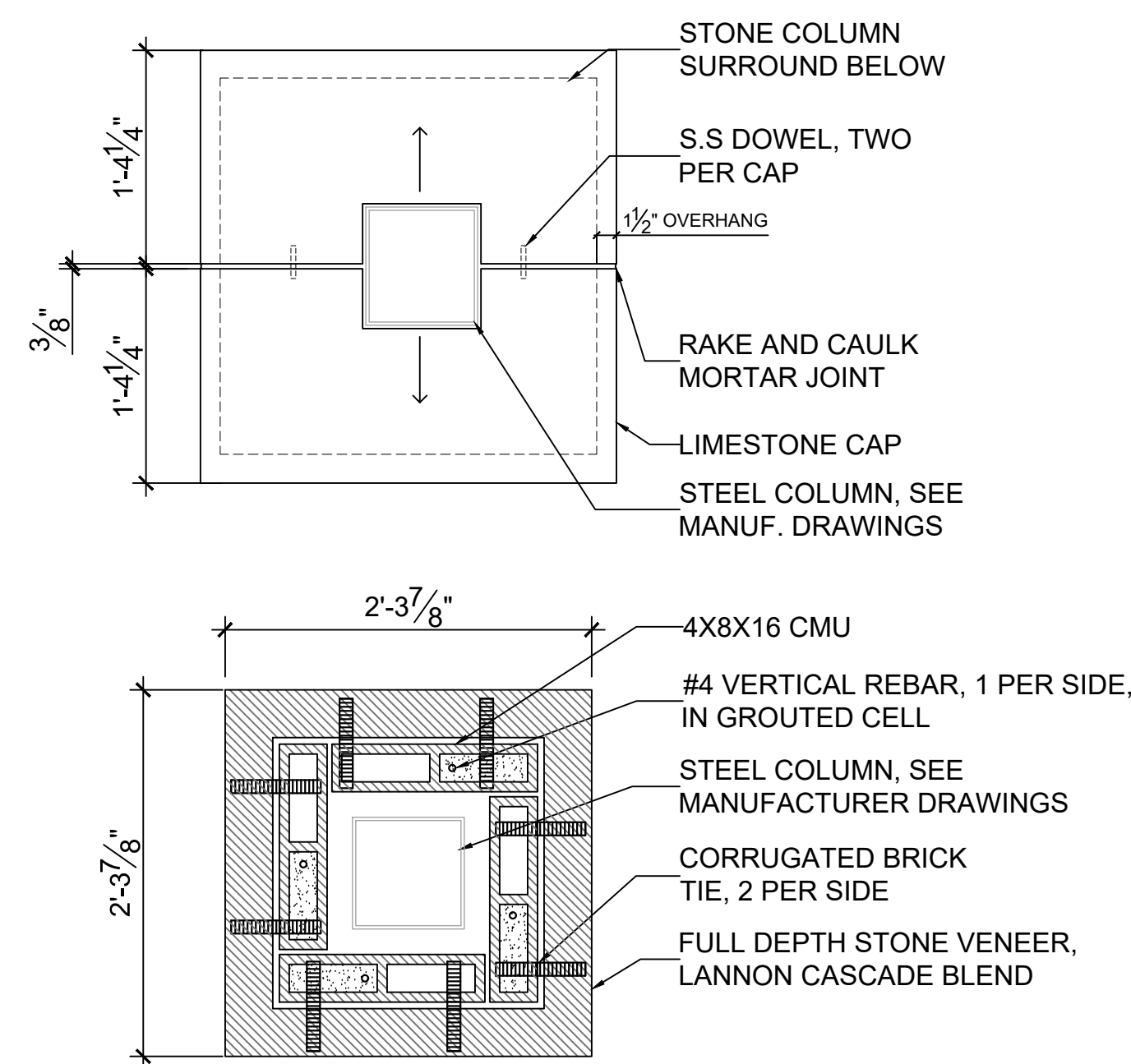
SCALE: 2" = 1'



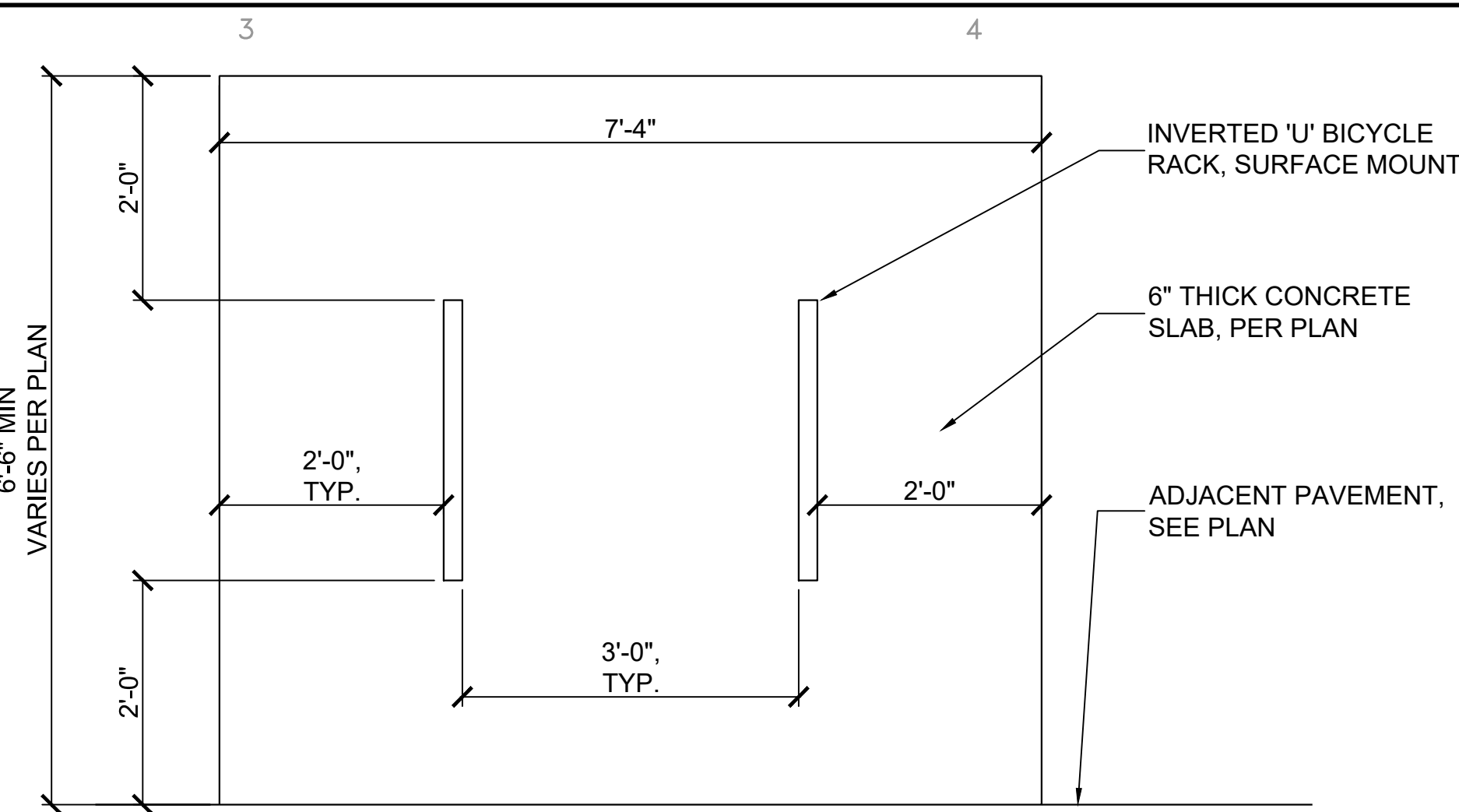


ELEVATION

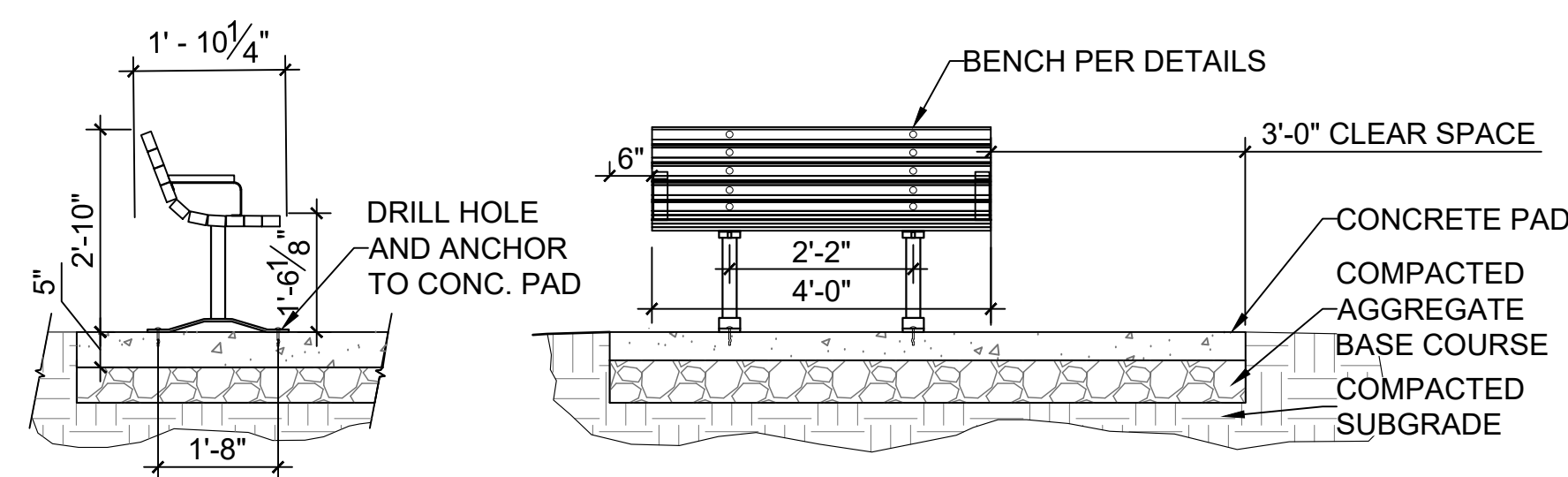
D1 BICYCLE RACK
C4.04 SCALE: 3/4" = 1'



A1 STONE VENEER COLUMN SURROUND
C4.04 SCALE: 1" = 1'

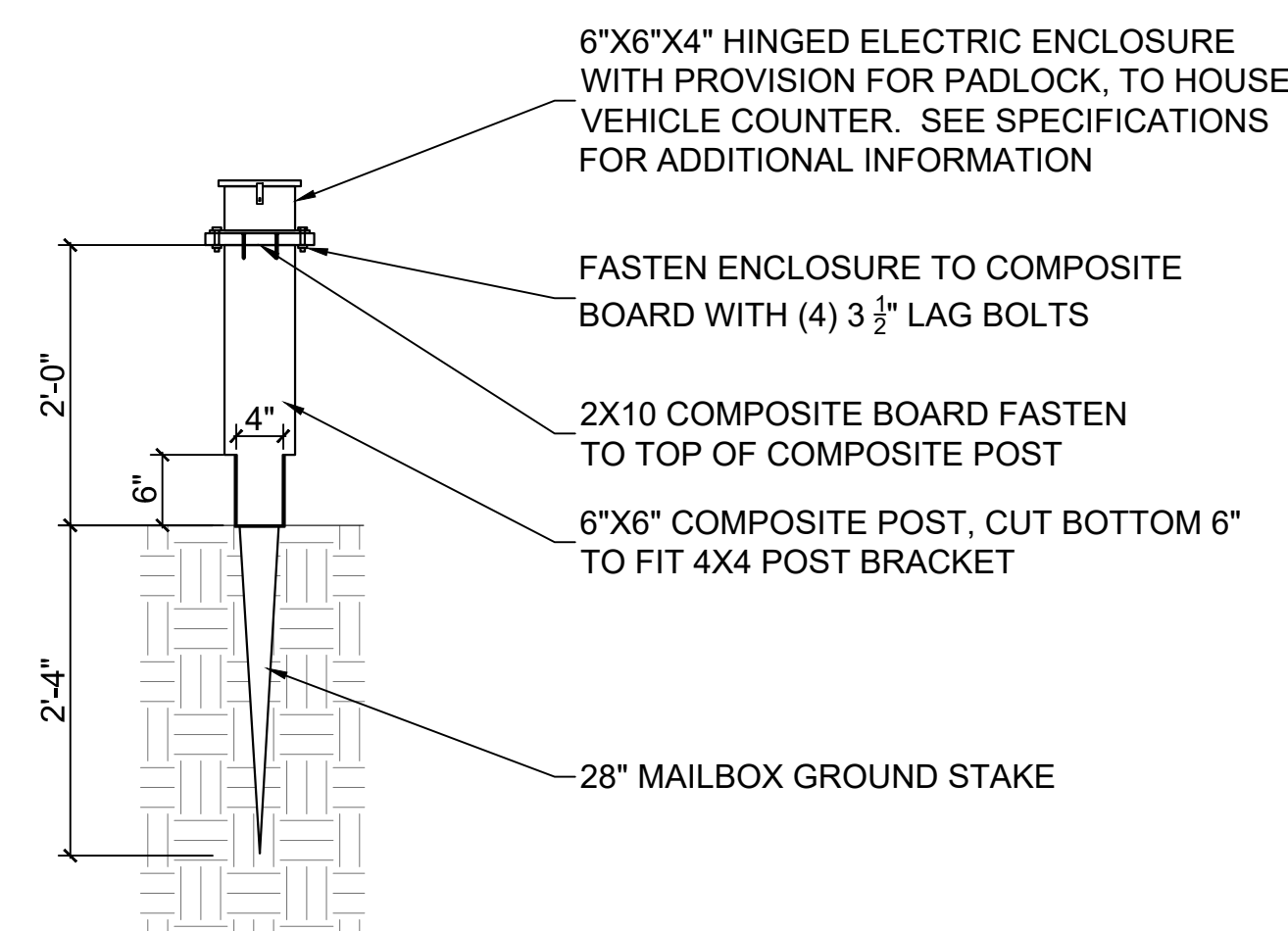


PLAN



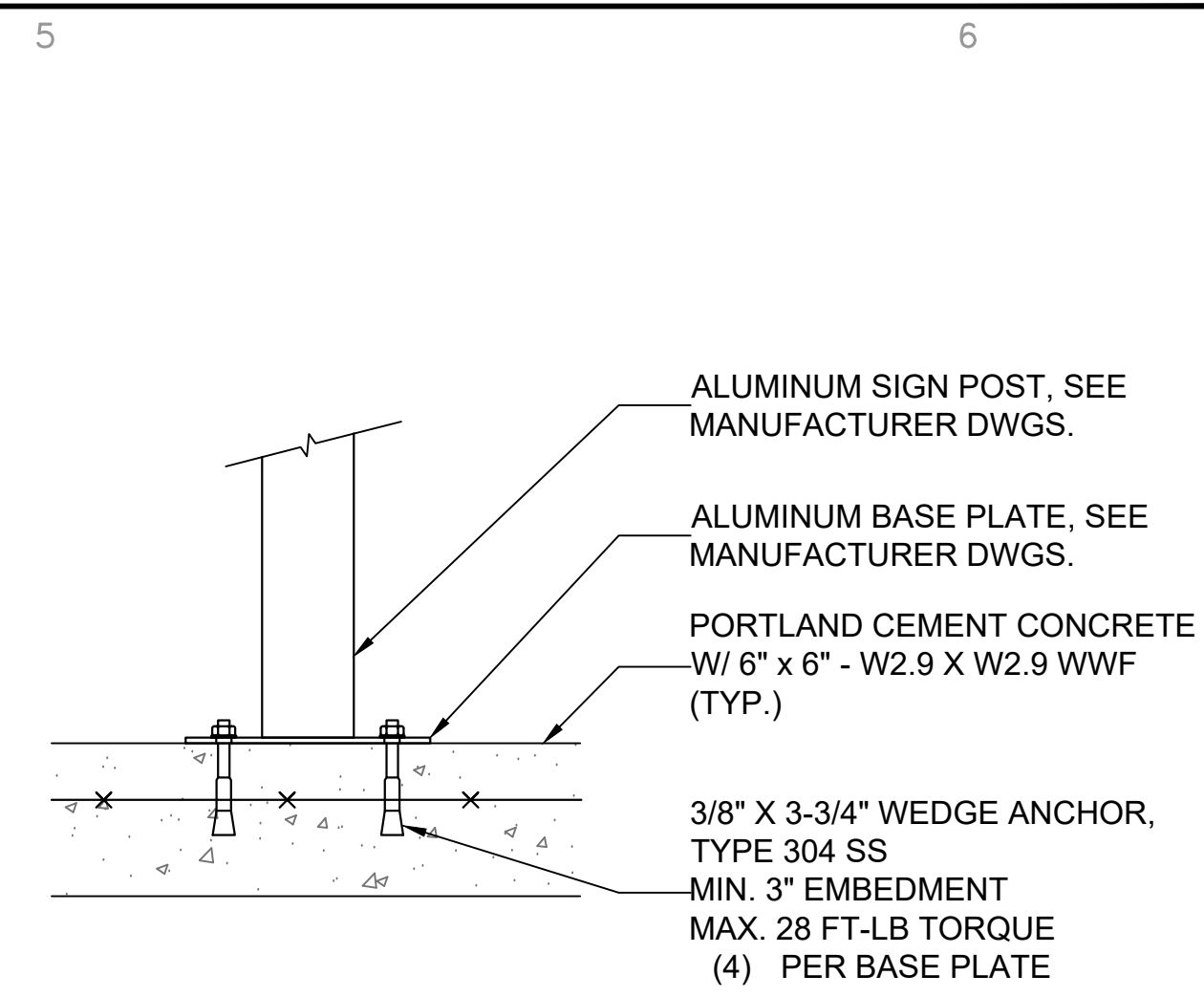
NOTE:
1) MINIMUM OF 36" CLEARANCE IN FRONT OF BENCH AND 36" CLEARANCE EXTENDING FROM AT LEAST ONE SIDE OF BENCH, ON THE SIDE OF BENCH WITH 36" CLEARANCE, THERE SHALL BE 48" CLEARANCE FROM 8" BEHIND BENCH. BACK OF BENCH SHALL NOT BE LESS THAN 8" FROM EDGE OF PAVEMENT.
2) MODEL: CONTOUR PARK BENCH, MULTI PEDESTAL, WRB SERIES, 4 FOOT SURFACE MOUNT WITH 3" X 4" RECYCLED PLASTIC TIMBERS IN WEATHERED WOOD WITH BLACK POWDER COATING, FRAME BY PILOT ROCK RJ THOMAS MFG. CO.
3) ARMRESTS: AR-4 FOR WRB CONTOUR BENCH TO MATCH ABOVE SPECS.

B3 STANDARD BENCH (SURFACE MOUNT)
C4.04 SCALE: 1/2" = 1'

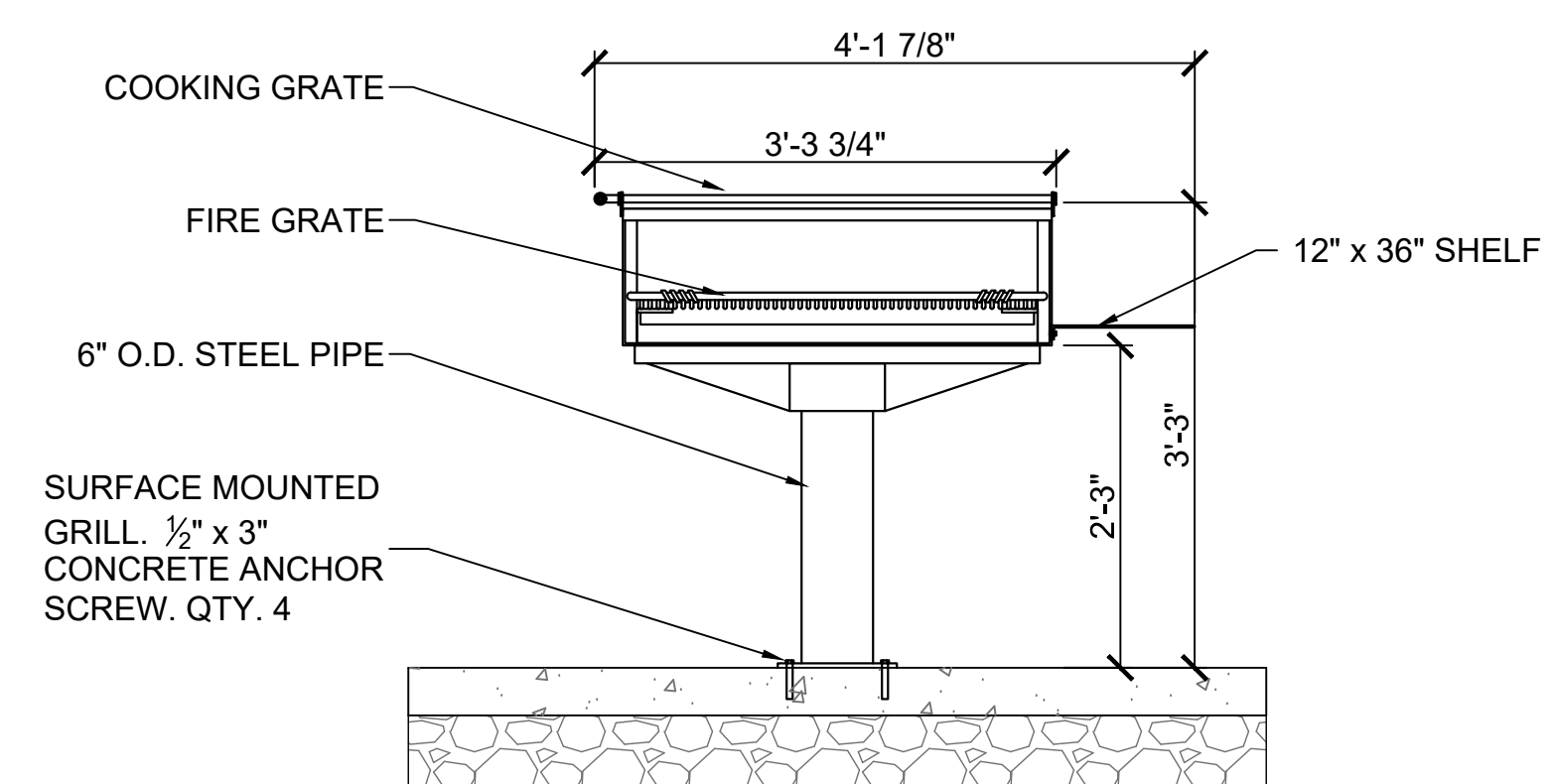


NOTE: SALVAGE AND REINSTALL AT NEW LOCATION PER PLAN

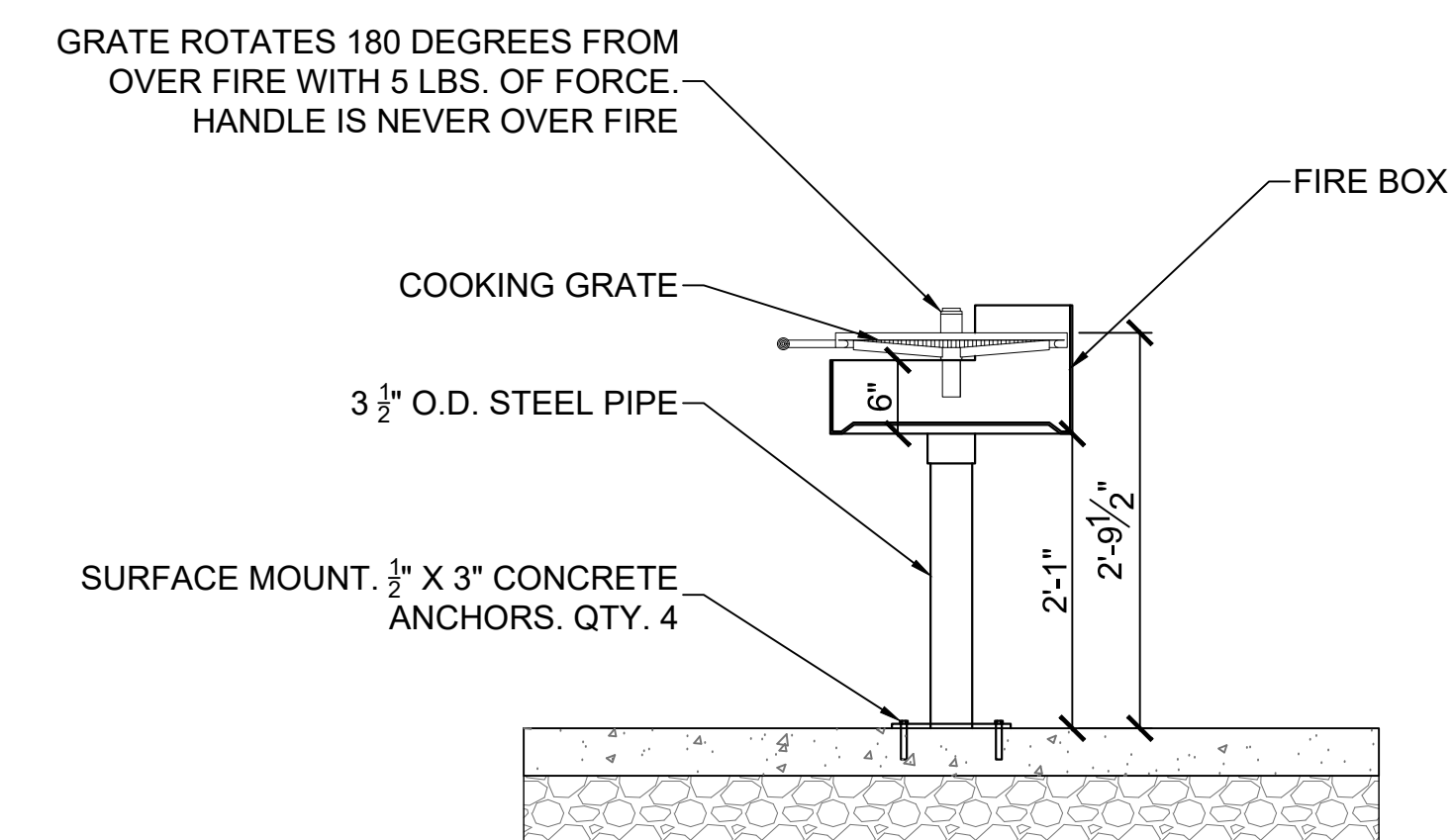
A3 VEHICLE COUNTER
C4.04 SCALE: 3/4" = 1'



D5 VI SIGN POST BASE
C4.04 SCALE: 2" = 1'



B5 GRILL DETAIL
C4.04 SCALE: 3/4" = 1'



A5 ACCESSIBLE GRILL DETAIL
C4.04 SCALE: 3/4" = 1'

OWNER: STREET ADDRESS: 3 S 580 NAPERVILLE ROAD WHEATON, IL 60189-8761
MAILING ADDRESS: P.O. BOX 5000 WHEATON, IL 60189-5000
CONTACT NUMBERS: PH# 630-933-7200 FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599
85127 GREENE RD, NAPERVILLE, IL 60540

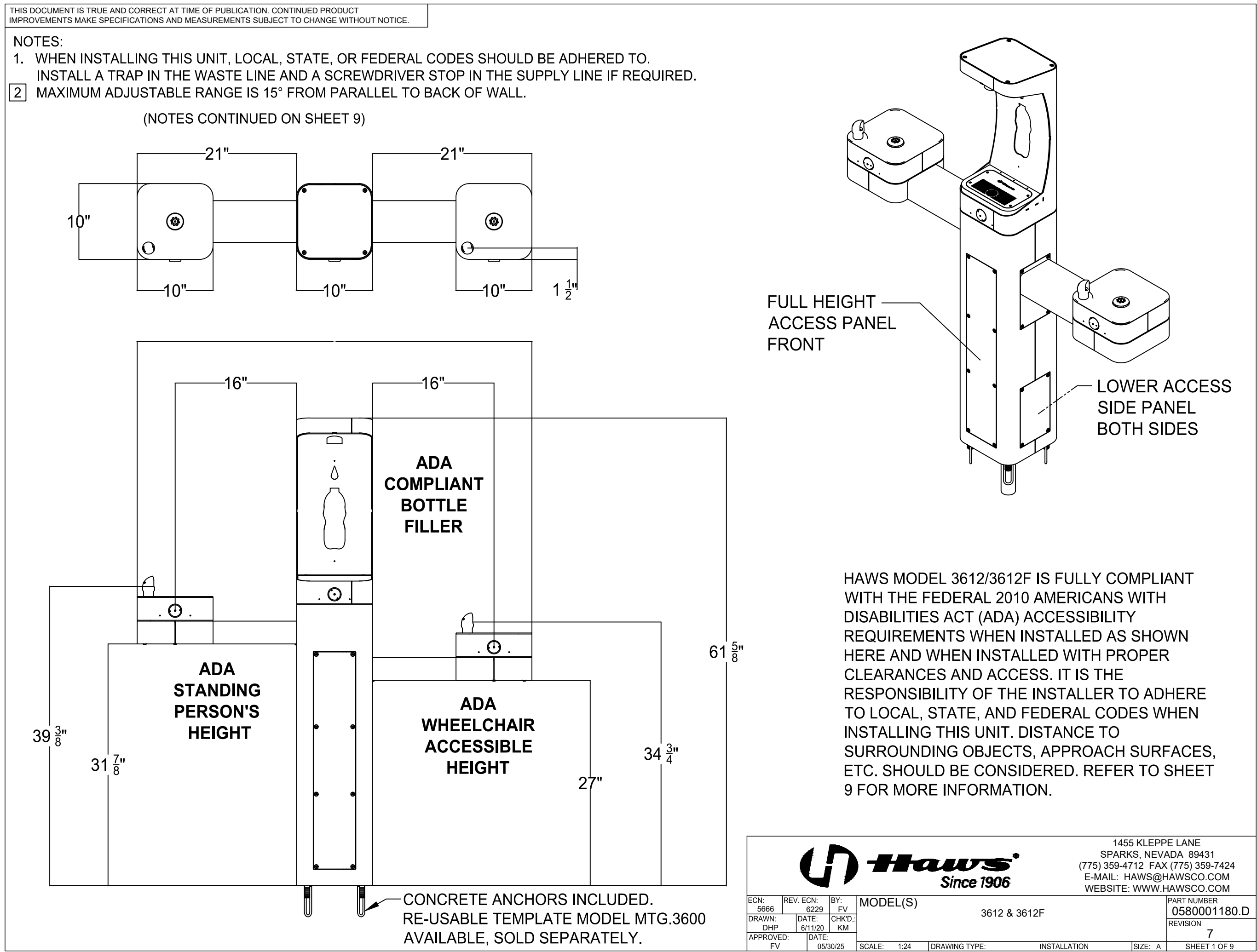
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1	7/31/2026	Issue For Bid

PROJECT NO: Z-152-014
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CHECKED BY:
DATE: 7/17/2026
SCALE:

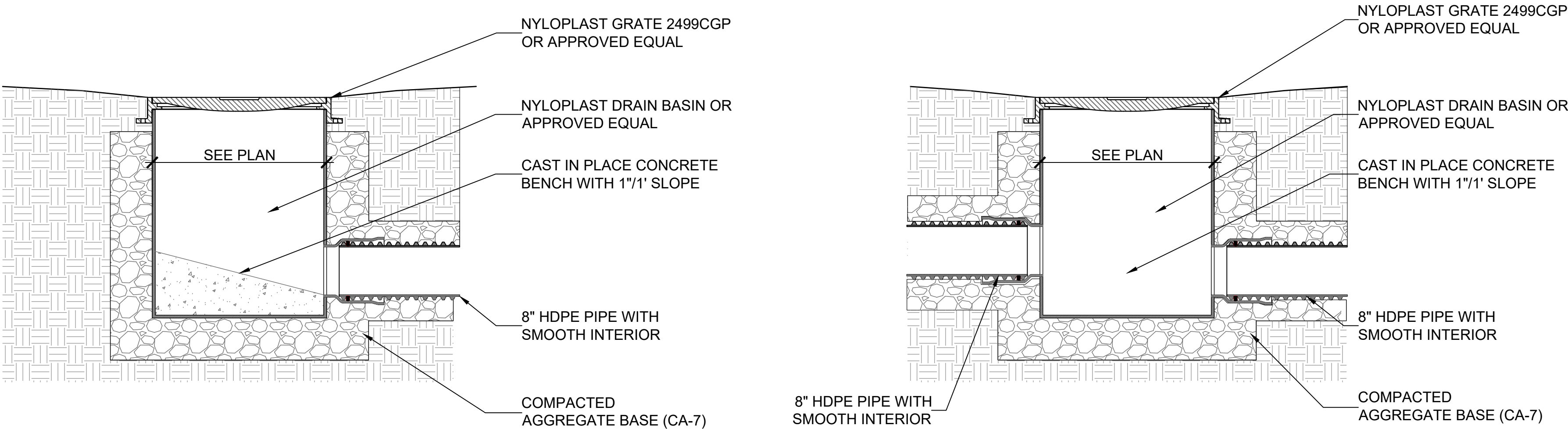
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CIVIL DETAILS

SHEET NO:
C4.04
SHEET 55 of 128

CAD DWG FILE: \\dept - Planning\Preserve\34-WB\34-000\Bckt 40 OSLAD\Drawings\CAD\Printin.dwg



B1 DRINKING FOUNTAIN
C4.05 SCALE: NTS



A1 PVC INLET W/GRATE
C4.05 SCALE: 1" = 1'

A3 PVC DUAL INLET W/GRATE
C4.05 SCALE: 1" = 1'

OWNER: **FOREST PRESERVE DISTRICT**
DU PAGE COUNTY

STREET ADDRESS: 3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

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WHEATON, IL 60189-5000

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FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599
85127 GREENE RD, NAPERVILLE, IL 60540

PH#:

FAX#

SUBCONSULTANT:

PH#:

FAX#

CONSULTANT:

MARK:	DATE:	DESCRIPTION:
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PROJECT NO:	Z-152-014
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DATE:	7/17/2026
SCALE:	

SHEET TITLE:
CIVIL DETAILS

SHEET NO:
C4.05
SHEET 56 of 128

TRAFFIC CONTROL NOTES

- STANDARD 701001**
- 1) NO SPECIAL SIGNING IS REQUIRED.
 - 2) ALL PERSONNEL ON FOOT, EXCLUDING FLAGGERS, WITHIN THE HIGHWAY RIGHT-OF-WAY SHALL WEAR A FLUORESCENT ORANGE, FLUORESCENT YELLOW/GREEN, OR A COMBINATION FLUORESCENT ORANGE AND FLUORESCENT YELLOW/GREEN VEST MEETING THE REQUIREMENTS OF ANSI/ISEA 107-2004 OR ANSI/ISEA 107-2010 FOR CONSPICUITY CLASS 2 GARMENTS. OTHER TYPES OF GARMENT MAY BE SUBSTITUTED FOR THE VEST AS LONG AS THE GARMENTS HAVE A MANUFACTURER'S TAG IDENTIFYING THEM AS MEETING THE ANSI CLASS 2 REQUIREMENT. [SUPPLEMENTAL SPECIFICATIONS / SECTION 701]
 - 3) WHEN THE WORK OPERATION REQUIRES THAT TWO OR MORE WORK VEHICLES CROSS THE 15 FT. CLEAR ZONE IN ANY ONE HOUR, TRAFFIC CONTROL SHOULD BE IN CONFORMANCE WITH STANDARD 701006. [STANDARD - GENERAL NOTES]

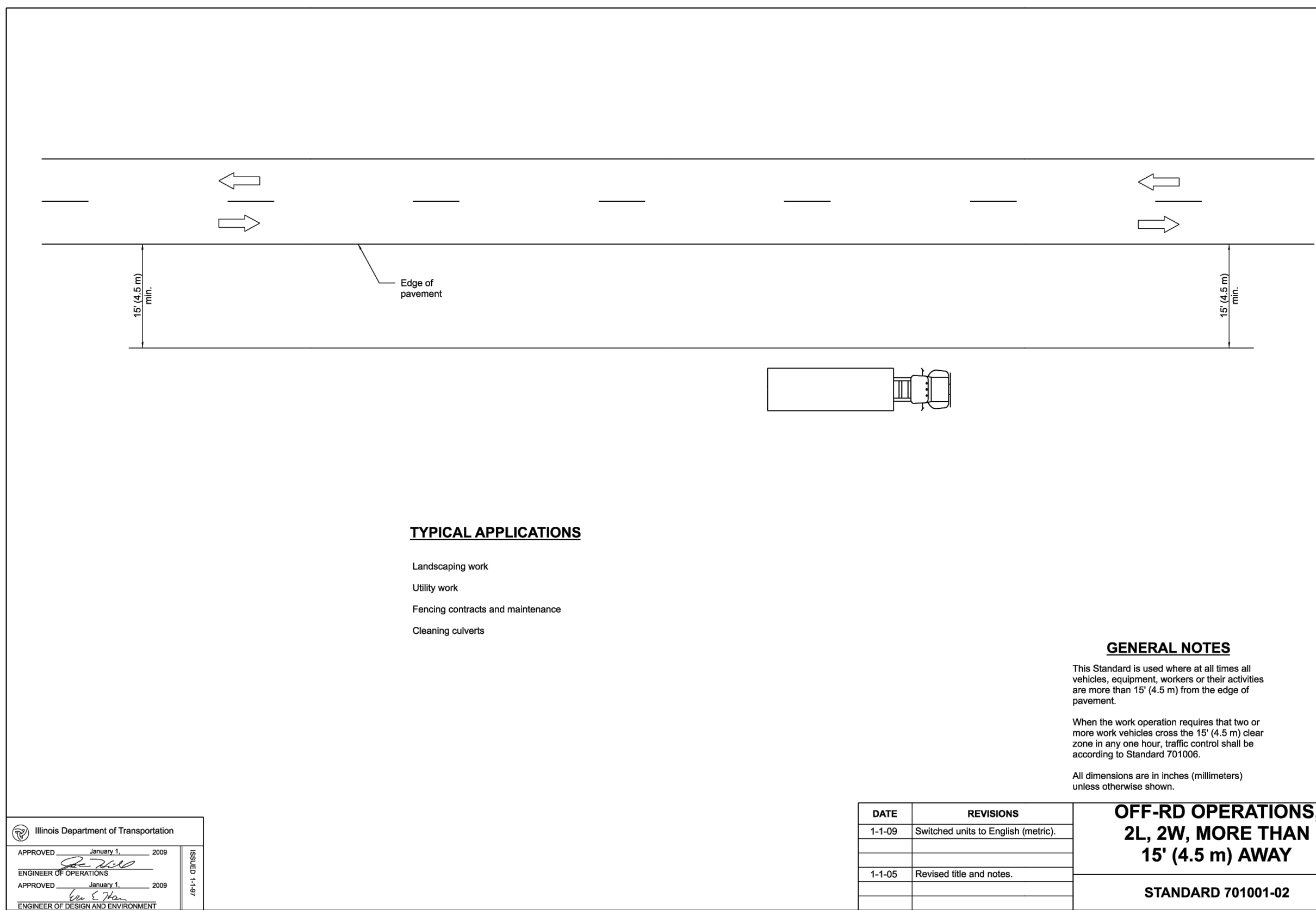
STANDARD 701006

WHEN THE WORK OPERATION REQUIRES FOUR OR MORE WORK VEHICLES ENTER THROUGH TRAFFIC LANES IN A ONE HOUR PERIOD, A FLAGGER SHALL BE PROVIDED AND A "FLAGGER" SIGN SHALL BE SUBSTITUTED FOR THE "WORKER" SIGN. [SS PG. 597 / 701.18(a)]

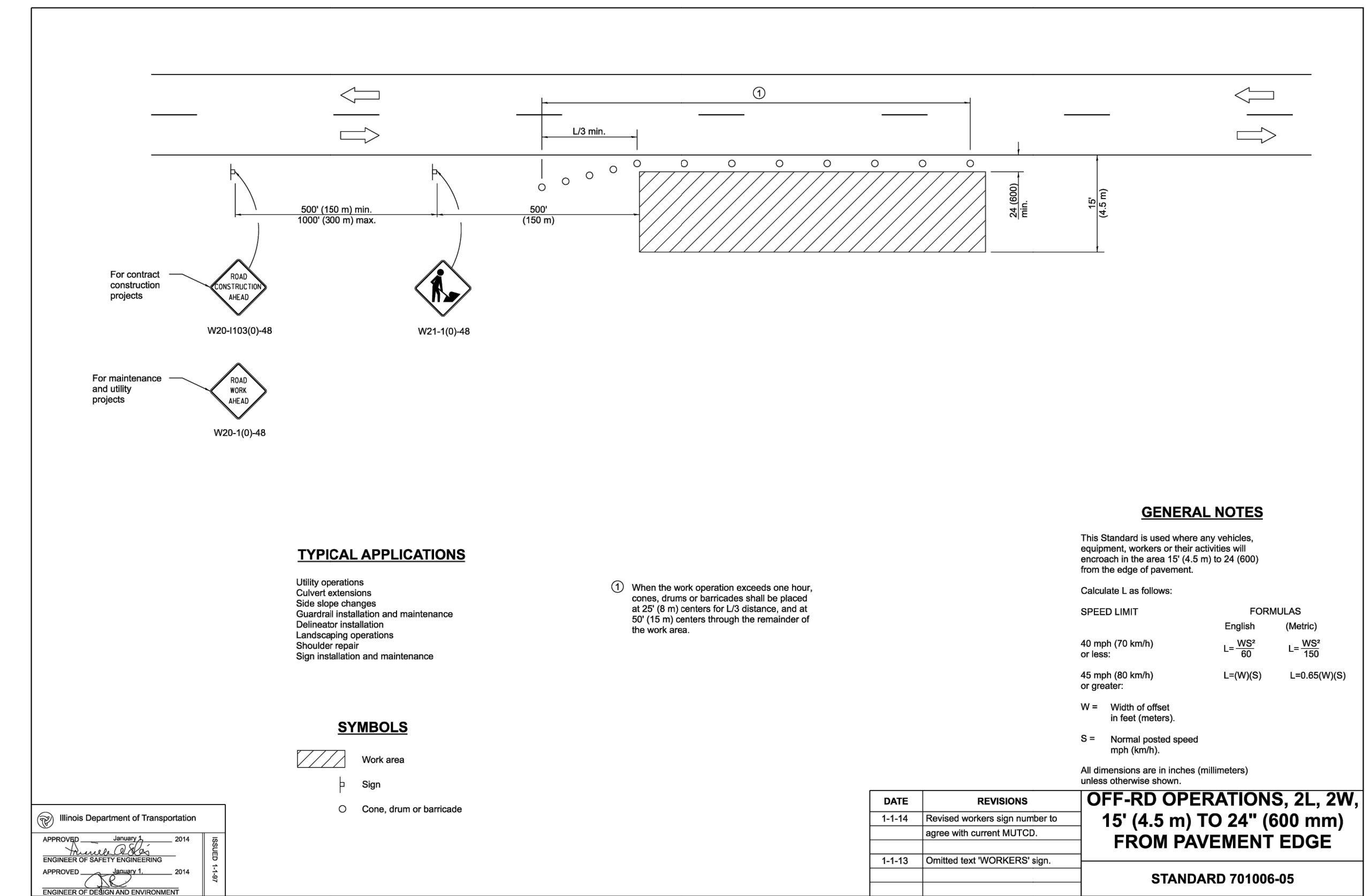
- 1) THE TRAFFIC CONTROL SHALL REMAIN IN PLACE ONLY AS LONG AS NEEDED AND SHALL BE REMOVED WHEN DIRECTED BY THE ENGINEER. SIGNS THAT DO NOT APPLY TO CURRENT CONDITIONS SHALL BE REMOVED, COVERED, OR TURNED FROM THE VIEW OF MOTORISTS. [SS PG. 586 / 701.04]
- 2) ALL PERSONNEL ON FOOT EXCLUDING FLAGGERS, WITHIN THE HIGHWAY RIGHT-OF-WAY SHALL WEAR A FLUORESCENT ORANGE, FLUORESCENT YELLOW/GREEN, OR A COMBINATION OF FLUORESCENT ORANGE AND FLUORESCENT YELLOW/GREEN VEST MEETING THE REQUIREMENTS OF ANSI/ISEA 107-2004 OR ANSI/ISEA 107-2010 FOR CONSPICUITY CLASS 2 GARMENTS. OTHER TYPES OF GARMENTS MAY BE SUBSTITUTED FOR THE VEST AS LONG AS THE GARMENTS HAVE A MANUFACTURER'S TAG IDENTIFYING THEM AS MEETING THE ANSI CLASS 2 REQUIREMENT. [SUPPLEMENTAL SPECIFICATIONS / SECTION 701]
- 3) THE CONTRACTOR SHALL KEEP ALL EQUIPMENT, MATERIALS, AND VEHICLES OFF THE PAVEMENT AND SHOULDERS ON THE SIDE OF THE PAVEMENT WHICH IS OPEN TO TRAFFIC. AT ANY LOCATION ON EXISTING PAVEMENTS LESS THAN THREE LANES IN WIDTH, THE SEQUENCE OF CONSTRUCTION SHALL LIMIT OPERATIONS TO ONE SIDE OF THE PAVEMENT. [SS PG 590 / 701.08]
- 4) FOR PERIODS OF TIME GREATER THAN TWO HOURS, DURING WORKING AND FOR ALL NONWORKING HOURS, ALL VEHICLES, MATERIALS, AND EQUIPMENT SHALL BE PARKED OR STORED A MINIMUM OF 30 FT. (9 M) FROM THE PAVEMENT WHEN THE PROJECT HAS ADEQUATE RIGHT-OF-WAY. WHEN ADEQUATE RIGHT-OF-WAY DOES NOT EXIST, VEHICLES AND MATERIALS SHALL BE LOCATED AT LEAST 15 FT (4.5 M) FROM THE EDGE OF ANY PAVEMENT OPEN TO TRAFFIC, UNLESS LOCATED BEHIND TEMPORARY CONCRETE BARRIER, TEMPORARY BRIDGE RAIL, OR OTHER MAN-MADE OR NATURAL BARRIERS. [SS PG 588 / 701.11]
- 5) ANY UNATTENDED OBSTACLE OR EXCAVATION (NOT PATCHING) IN THE WORK AREA WHICH CONSTITUTES A HAZARD IN THE OPINION OF THE ENGINEER, SHALL BE DELINEATED BY DEVICES AT 50 FT. (15 M) CENTERS. IF THE HAZARD EXCEEDS 250 FT (75 M) IN LENGTH, THE SPACING OF DEVICES MAY BE INCREASED TO 100 FT. (30 M) [SS PG 588 / 701.11]
- 6) DEVICES DELINEATING ISOLATED OBSTACLES, EXCAVATIONS, OR HAZARDS AT NIGHT (DOES NOT APPLY TO PATCHING.) LIGHTS REQUIRED: FLASHING BI-DIRECTIONAL LIGHTS. [SUPPLEMENTAL / SECTION 701]
- 7) LONGITUDINAL DIMENSIONS SHOWN ON THE PLANS FOR THE PLACEMENT OF SIGNS MAY BE INCREASED UP TO 100 FT. (30 M) TO AVOID OBSTACLES, HAZARDS, OR TO IMPROVE SIGHT DISTANCE, WHEN APPROVED BY THE ENGINEER. [SS PG. 590 / 701.14]

GENERAL INFORMATION:

IF THE WORK OPERATION DOES NOT EXCEED 60 MINUTES, TRAFFIC MAY BE IN CONFORMANCE WITH STANDARD 701301.



A1 TRAFFIC CONTROL DETAIL - IDOT STANDARD 701001-02
C4.05 SCALE: N.T.S.



A2 TRAFFIC CONTROL DETAIL - IDOT STANDARD 701006-05
C4.05 SCALE: N.T.S.

OWNER: **FOREST PRESERVE DISTRICT DU PAGE COUNTY**

STREET ADDRESS: 3 S 580 NAPERVILLE ROAD WHEATON, IL 60189-8761

MAILING ADDRESS: P.O. BOX 5000 WHEATON, IL 60189-5000

CONTACT NUMBERS: PH# 630-933-7200 FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE

RECREATIONAL IMPROVEMENTS

OSLAD GRANT 25-2599

85127 GREENE RD, NAPERVILLE, IL 60540

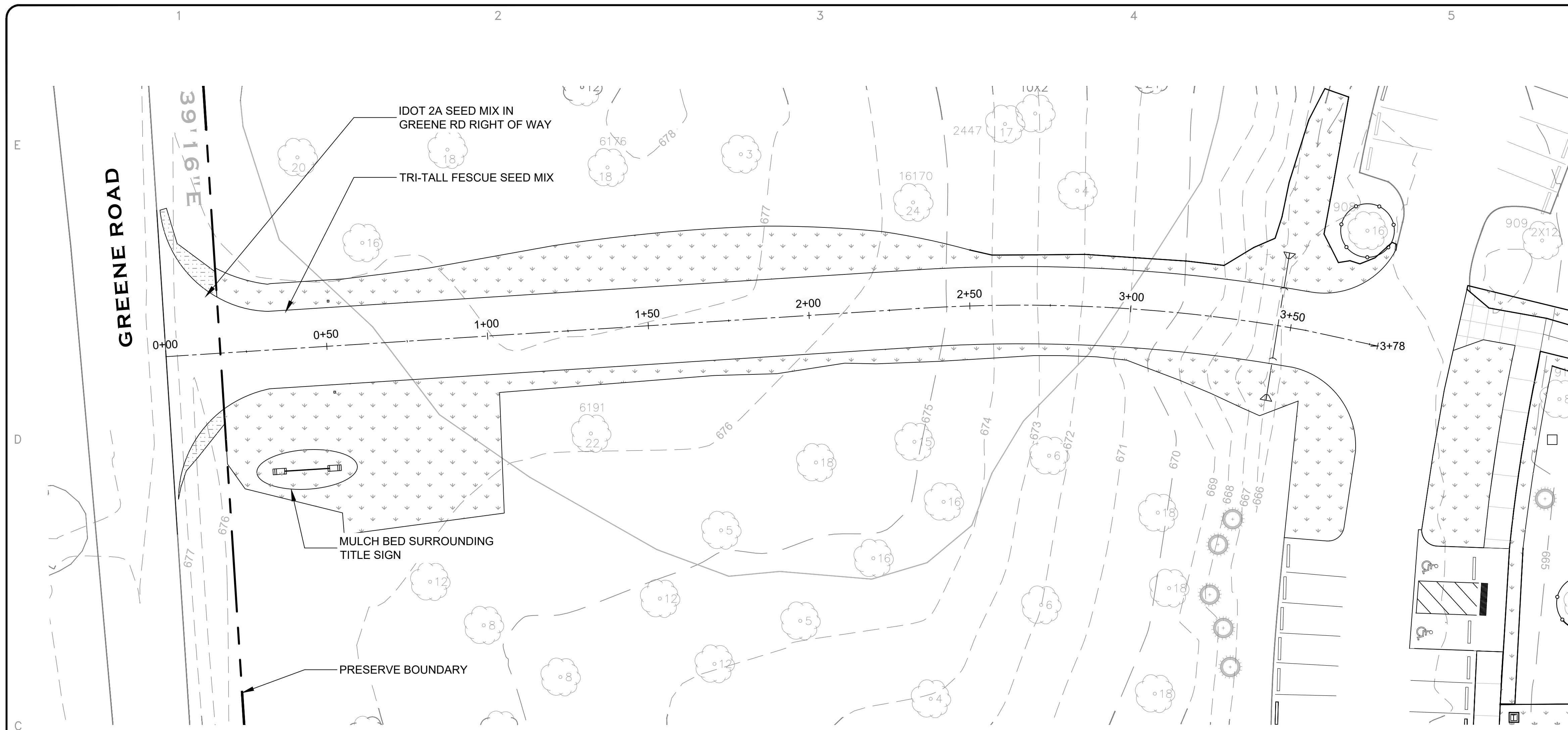
MARK:	DATE:	DESCRIPTION:
1	7/31/2026	Issue For Bid

PROJECT NO: Z-152-014
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CHECKED BY:
DATE: 7/17/2026
SCALE:

SHEET TITLE:
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SHEET NO:
C4.06
SHEET 57 of 128

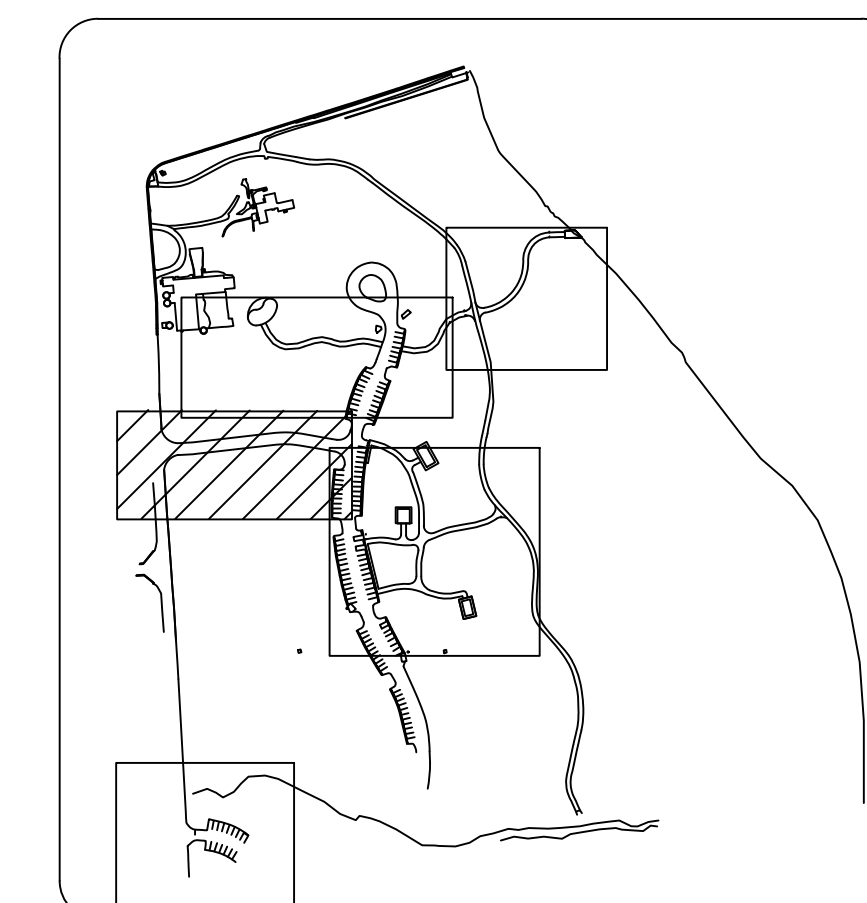
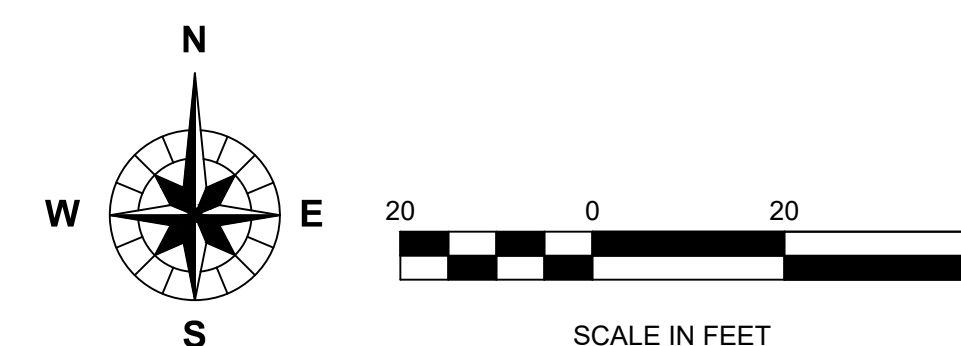
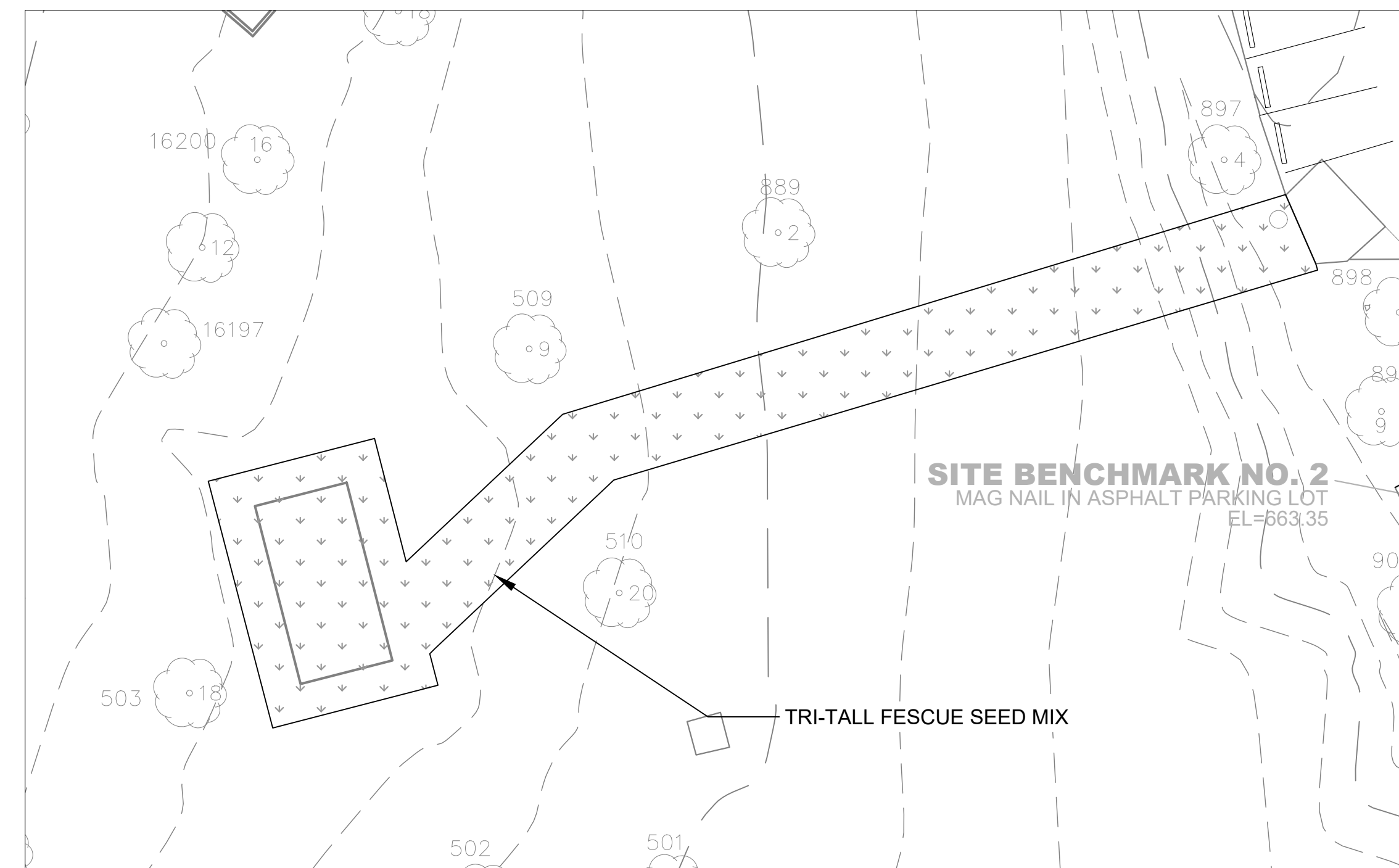
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NOTES

LANDSCAPE

1. SEE SHEET L1.09 FOR COMPLETE SEED LISTS.
2. CONDITION OF SEED BEDS SHALL BE APPROVED BY THE PROJECT REPRESENTATIVE PRIOR TO CONTRACTOR INSTALLING SEED. SEE SPECIAL PROVISION FOR REQUIRED CONDITION OF SEED BEDS.
3. ALL DISTURBED TURF AREAS SHALL BE SEEDDED WITH TRI-TALL FESCUE MIX. DISTURBED VEGETATED AREAS SHALL BE SEEDDED PER PLANS. SEE SHEET L1.09 FOR SEED LISTS



OWNER:

STREET ADDRESS:
3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS:
P.O. BOX 5000
WHEATON, IL 60189-5000

CONTACT NUMBERS:
PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599

8S127 GREENE RD, NAPERVILLE, IL 60540

CONSULTANT:

PH#:

FAX#

SUBCONSULTANT:

PH#:

FAX#

[illegible]

PROJECT NO:	Z-152-014
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CHECKED BY:	
DATE:	7/17/2026
SCALE:	

SHEET TITLE:

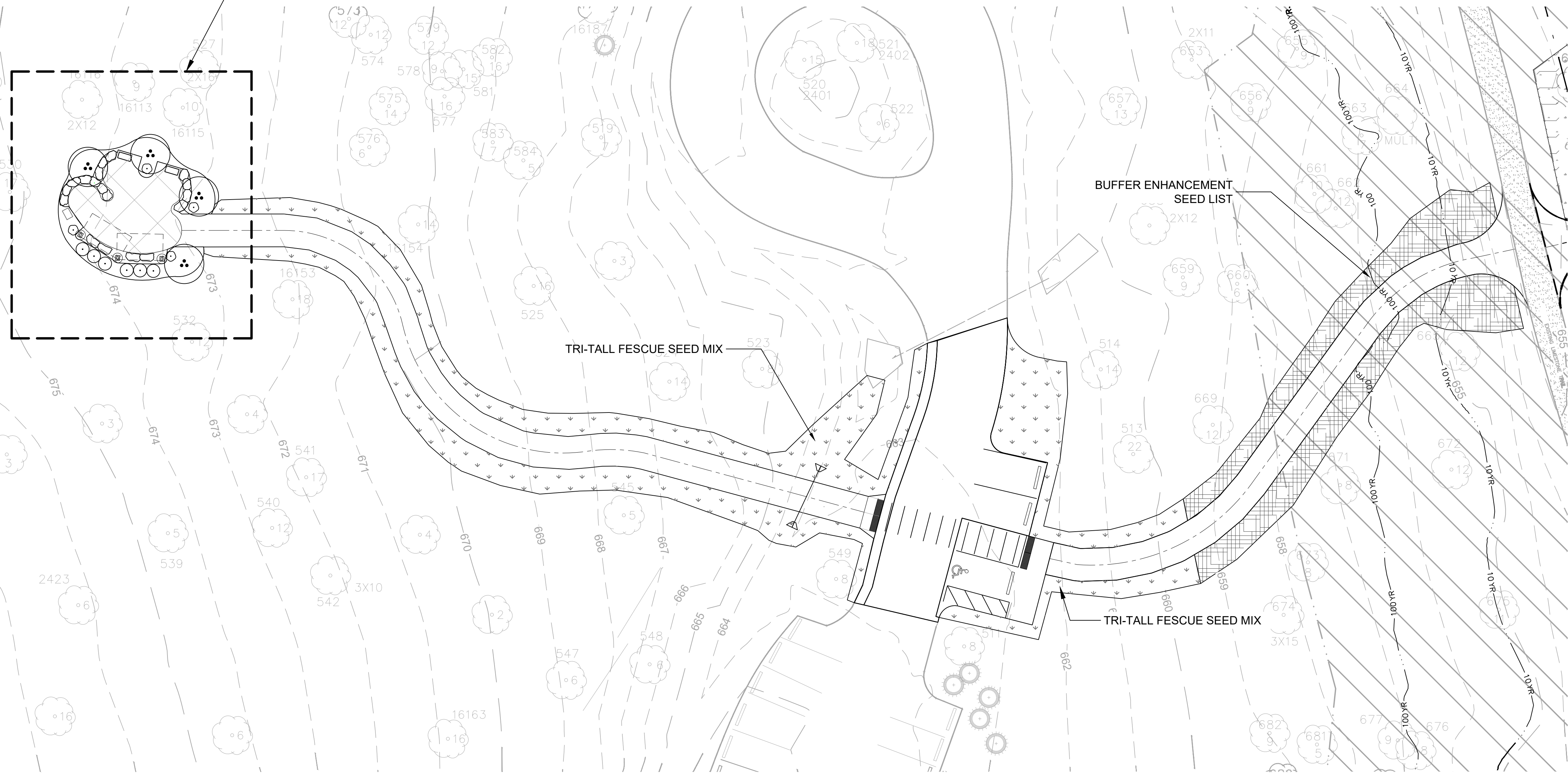
LANDSCAPE PLAN

SHEET NO:

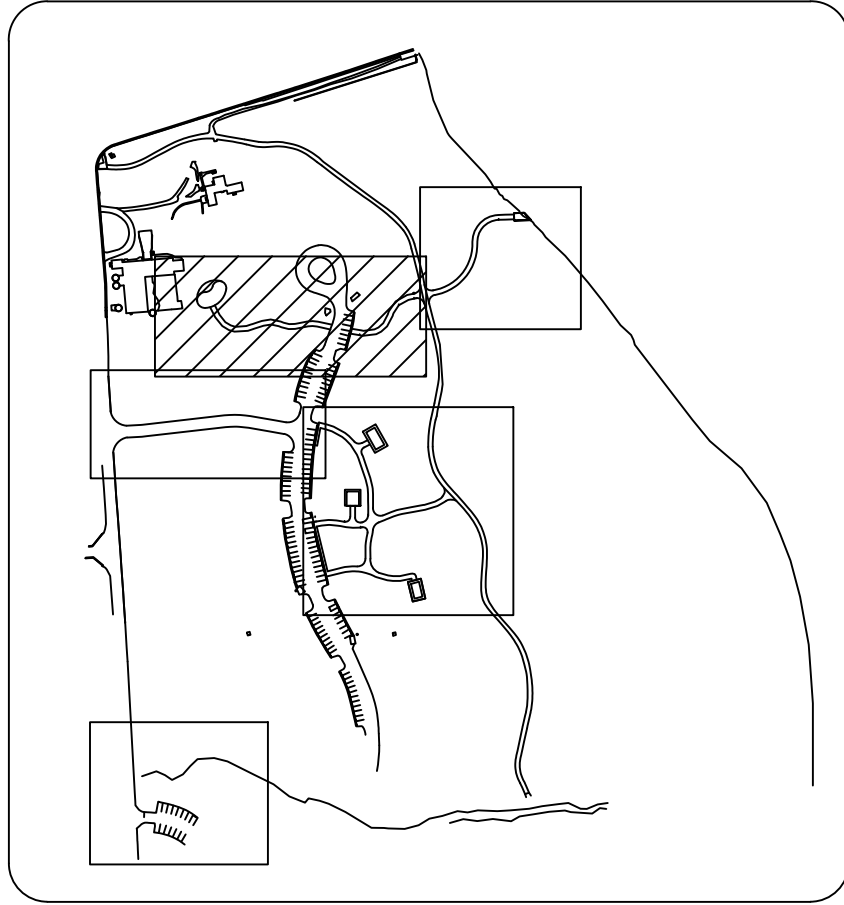
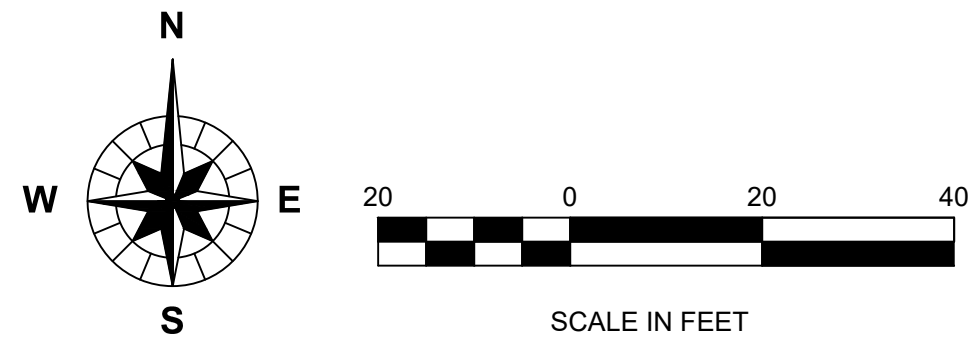
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SHEET 58 of 128

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A1
L1.03 **LANDSCAPE PLAN**
SCALE: 1"=20'



NOTES

- LANDSCAPE**
- SEE SHEET L1.09 FOR COMPLETE SEED LISTS.
 - CONDITION OF SEED BEDS SHALL BE APPROVED BY THE PROJECT REPRESENTATIVE PRIOR TO CONTRACTOR INSTALLING SEED. SEE SPECIAL PROVISION FOR REQUIRED CONDITION OF SEED BEDS.
 - ALL DISTURBED TURF AREAS SHALL BE SEEDED WITH TRI-TALL FESCUE MIX. DISTURBED VEGETATED AREAS SHALL BE SEEDED PER PLANS. SEE SHEET L1.09 FOR SEED LISTS

MAP KEY

OWNER:  **STREET ADDRESS:**
3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS:
P.O. BOX 5000
WHEATON, IL 60189-5000

CONTACT NUMBERS:
PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599
85127 GREENE RD, NAPERVILLE, IL 60540

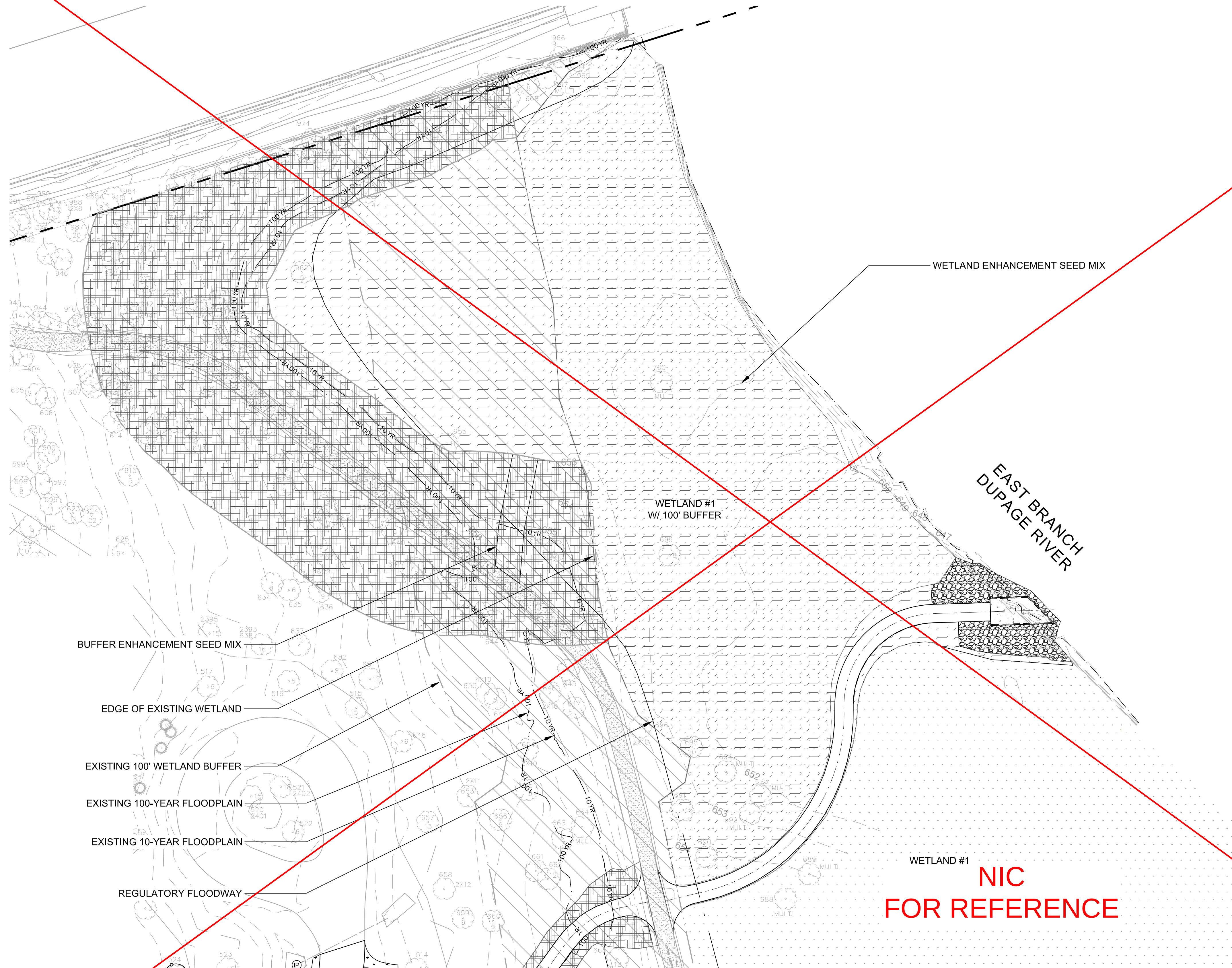
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1	7/31/2026	Issue For Bid

PROJECT NO:	Z-152-014
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CHECKED BY:	
DATE:	7/17/2026
SCALE:	

SHEET TITLE:
LANDSCAPE PLAN

SHEET NO:
L1.03
SHEET 60 of 128

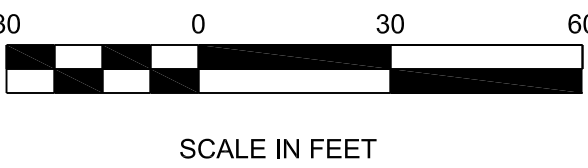
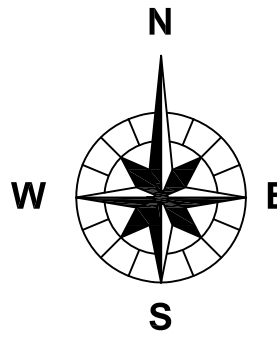
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NOTES

- LANDSCAPE
1. SEE SHEET L1.09 FOR COMPLETE SEED LISTS.
 2. CONDITION OF SEED BEDS SHALL BE APPROVED BY THE PROJECT REPRESENTATIVE PRIOR TO CONTRACTOR INSTALLING SEED. SEE SPECIAL PROVISION FOR REQUIRED CONDITION OF SEED BEDS.
 3. ALL DISTURBED TURF AREAS SHALL BE SEEDED WITH TRI-TALL FESCUE MIX. DISTURBED VEGETATED AREAS SHALL BE SEEDED PER PLANS. SEE SHEET L1.09 FOR SEED LISTS.

MAP KEY



A1 LANDSCAPE PLAN
L1.04 SCALE: 1"=30'

OWNER: STREET ADDRESS:
3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS:
P.O. BOX 5000
WHEATON, IL 60189-5000

CONTACT NUMBERS:
PH# 630-933-7200
FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599

85127 GREENE RD, NAPERVILLE, IL 60540

CONSULTANT:

PH#:

FAX#

SUBCONSULTANT:

PH#:

FAX#

MARK:	DATE:	DESCRIPTION:
1	7/31/2026	Issue For Bid

PROJECT NO: Z-152-014
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CHECKED BY:
DATE: 7/17/2026
SCALE:

SHEET TITLE:

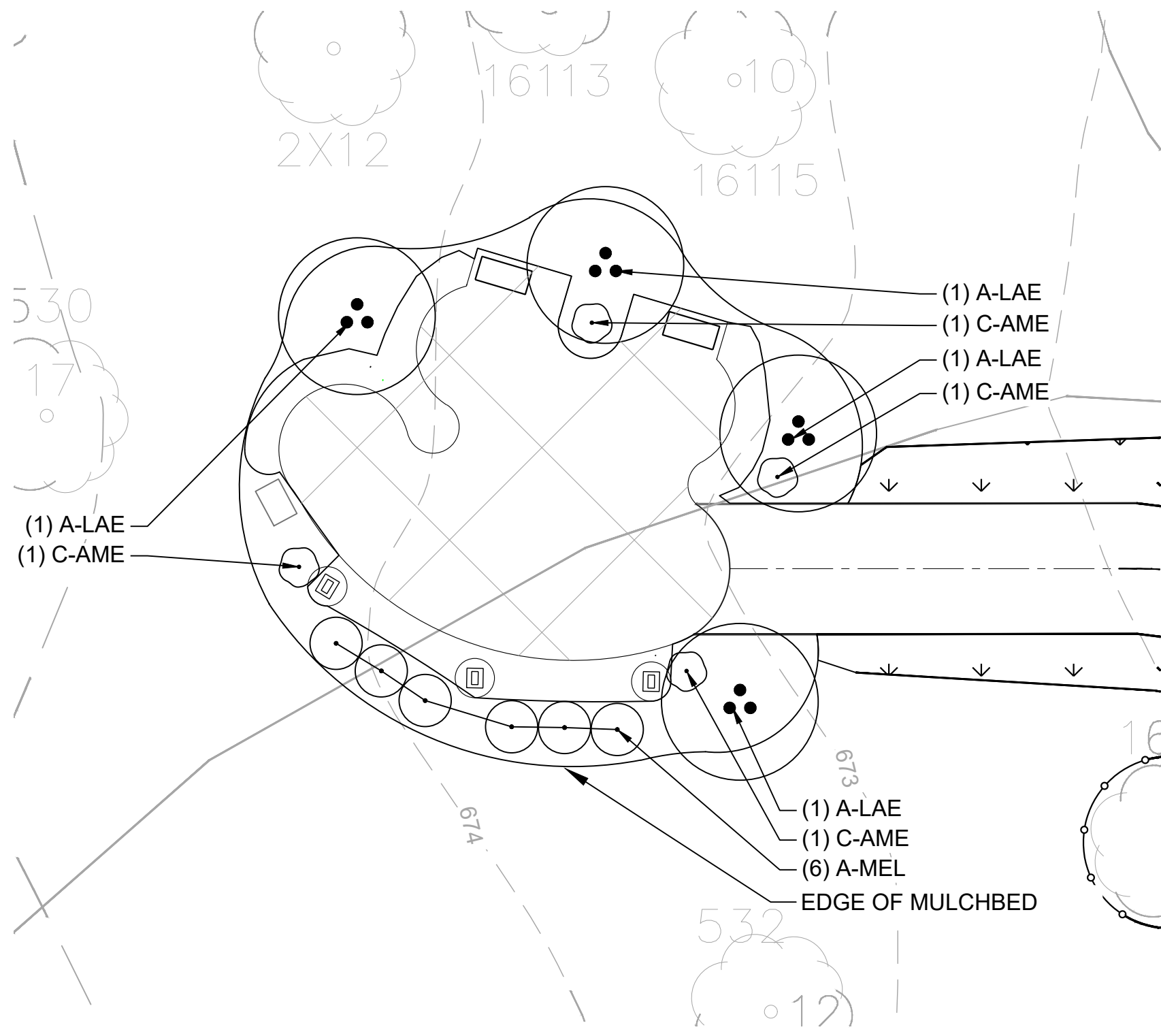
LANDSCAPE
PLAN

SHEET NO:

L1.04

SHEET 61 of 128

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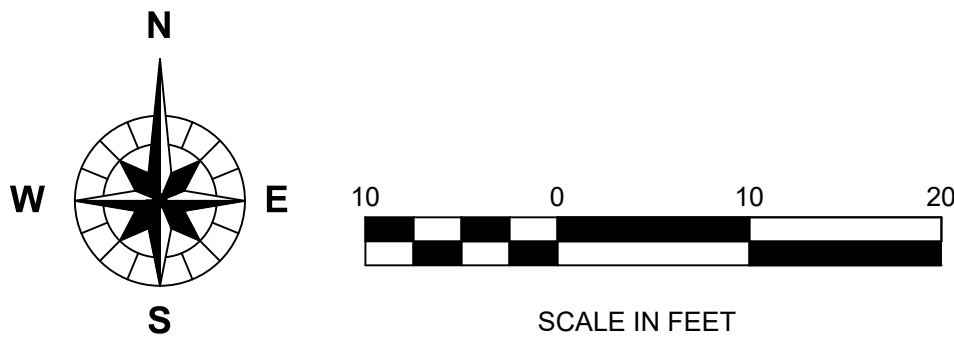
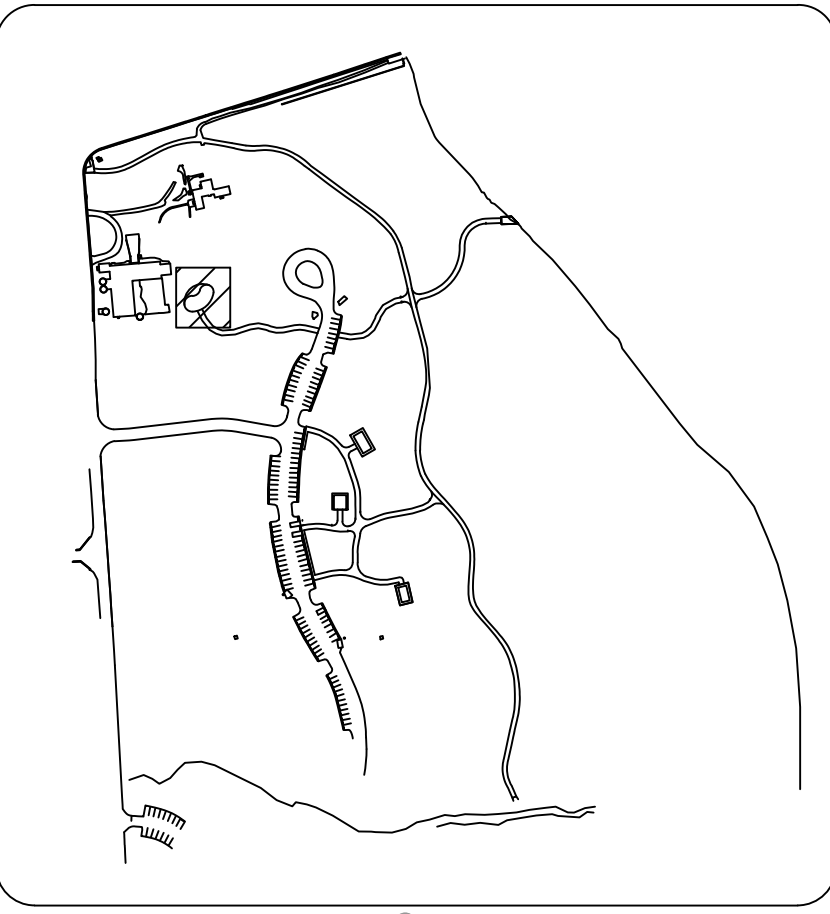
C1 LANDSCAPE PLAN - SEATING AREA
L.106 SCALE: 1"=10'

Greene Valley Seating Area Landscape Schedule					
Code	Botanical Name	Common Name	Quantity	Size	Notes
Trees					
A-LAE	Amelanchier laevis	Allegheny serviceberry	4	6'	Multi
Shrubs					
A-MEL	Aronia melanocarpa	Black chokeberry	6	#5	48" OC
C-AME	Ceanothus americanus	New Jersey tea	4	#5	36" OC

NOTES

- LANDSCAPE
- SEE SHEET L1.09 FOR COMPLETE SEED LISTS.
 - CONDITION OF SEED BEDS SHALL BE APPROVED BY THE PROJECT REPRESENTATIVE PRIOR TO CONTRACTOR INSTALLING SEED. SEE SPECIAL PROVISION FOR REQUIRED CONDITION OF SEED BEDS.
 - ALL DISTURBED TURF AREAS SHALL BE SEEDED WITH TRI-TALL FESCUE MIX. DISTURBED VEGETATED AREAS SHALL BE SEEDED PER PLANS. SEE SHEET L1.09 FOR SEED LISTS

MAP KEY



OWNER: STREET ADDRESS:
3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS:
P.O. BOX 5000
WHEATON, IL 60189-5000

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GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599
85127 GREENE RD, NAPERVILLE, IL 60540

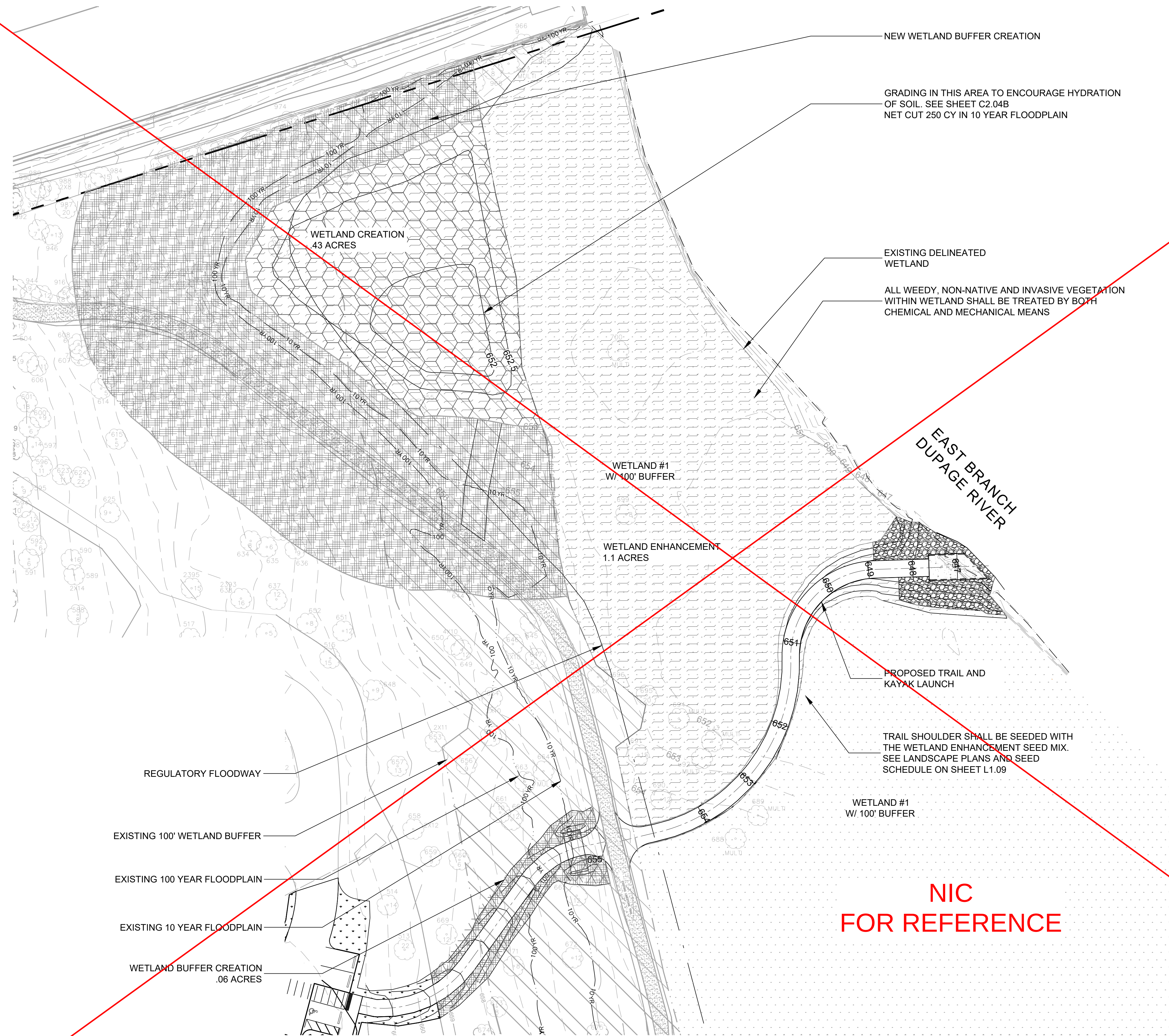
MARK:	DATE:	DESCRIPTION:
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PROJECT NO: Z-152-014
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DATE: 7/17/2026
SCALE:

SHEET TITLE:
LANDSCAPE
PLAN - ENLARGED

SHEET NO:
L1.06
SHEET 63 of 128

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MITIGATION PLAN

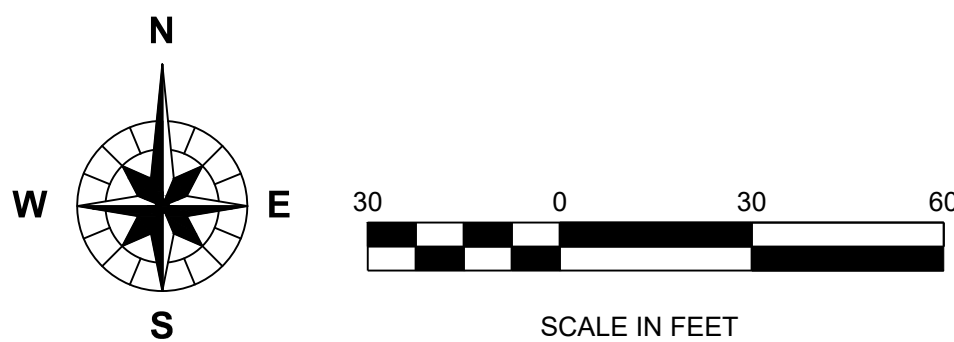
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NOTES

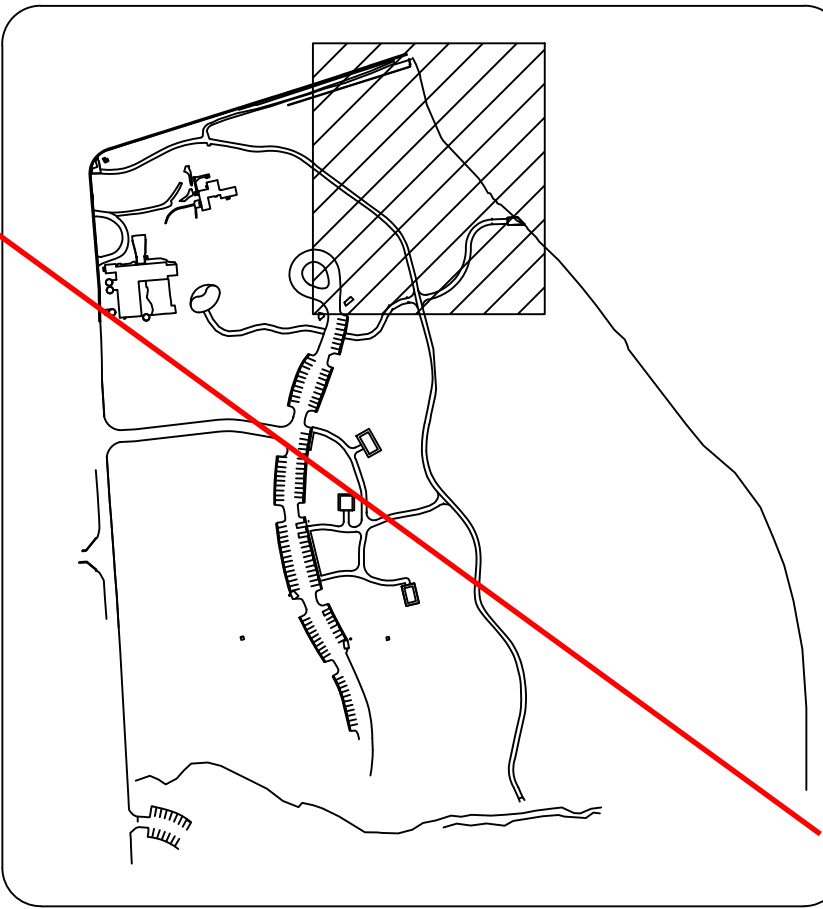
- 1) CONTRACTOR SHALL MAINTAIN WETLAND AND WETLAND BUFFERS AND ALL AREAS SEEDED AS PART OF THIS CONTRACT FOR A MINIMUM OF THREE (5) YEARS. SEE SPECIAL PROVISION FOR ECOLOGICAL MANAGEMENT.
- 2) A TOTAL OF 0.15 ACRES OF WETLAND WILL BE IMPACTED BY THE CONSTRUCTION OF THE TRAIL AND ASSOCIATED GRADING ACTIVITIES. TO OFFSET THESE IMPACTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENHANCING EXISTING VEGETATIVE BASELINE OF WETLAND (1.1 ACRES) AS WELL AS CREATE .43 ACRES OF WETLAND ON SITE.
- 3) A TOTAL OF .42 ACRES OF WETLAND BUFFER WILL BE IMPACTED. ENHANCED BUFFER OF .99 ACRES WILL BE ADDED TO MITIGATE THIS IMPACT.
- 4) THE CONTRACTOR SHALL MANAGE ALL NON-NATIVE, WEEDY AND INVASIVE WOODY AND HERBACEOUS VEGETATION WITHIN THE WETLAND AND WETLAND BUFFER AND ALL SEEDED AREAS.
- 5) THE DISTRICT SHALL MONITOR THE WETLAND AND WETLAND BUFFERS FOR THE EMERGENCE OF DESIRABLE NATIVE PLANTS FROM THE SEED BANK. IF PORTIONS OF THE SITE LACK COVERAGE OF DESIRABLE NATIVE SPECIES, THE SITE SHALL BE SEEDED BY THE DISTRICT IN COORDINATION WITH THE CONTRACTOR.

LEGEND

- NEW WETLAND CREATION
- NEW BUFFER CREATION
- WETLAND ENHANCEMENT SEED MIX
- BUFFER ENHANCEMENT SEED MIX
- EXISTING WETLAND
- EXISTING WETLAND BUFFER



MAP KEY



**NIC
FOR REFERENCE**

OWNER: **FOREST PRESERVE DISTRICT**
DU PAGE COUNTY

STREET ADDRESS:
3 S 580 NAPERVILLE ROAD
WHEATON, IL 60189-8761

MAILING ADDRESS:
P.O. BOX 5000
WHEATON, IL 60189-5000

CONTACT NUMBERS:
PH# 630-933-7200
FAX# 630-933-7204

**GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599**

85127 GREENE RD, NAPERVILLE, IL 60540

CONSULTANT: PH#: SUBCONSULTANT: PH# FAX#

MARK:	DATE:	DESCRIPTION:
1	7/31/2026	Issue For Bid

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SCALE:	

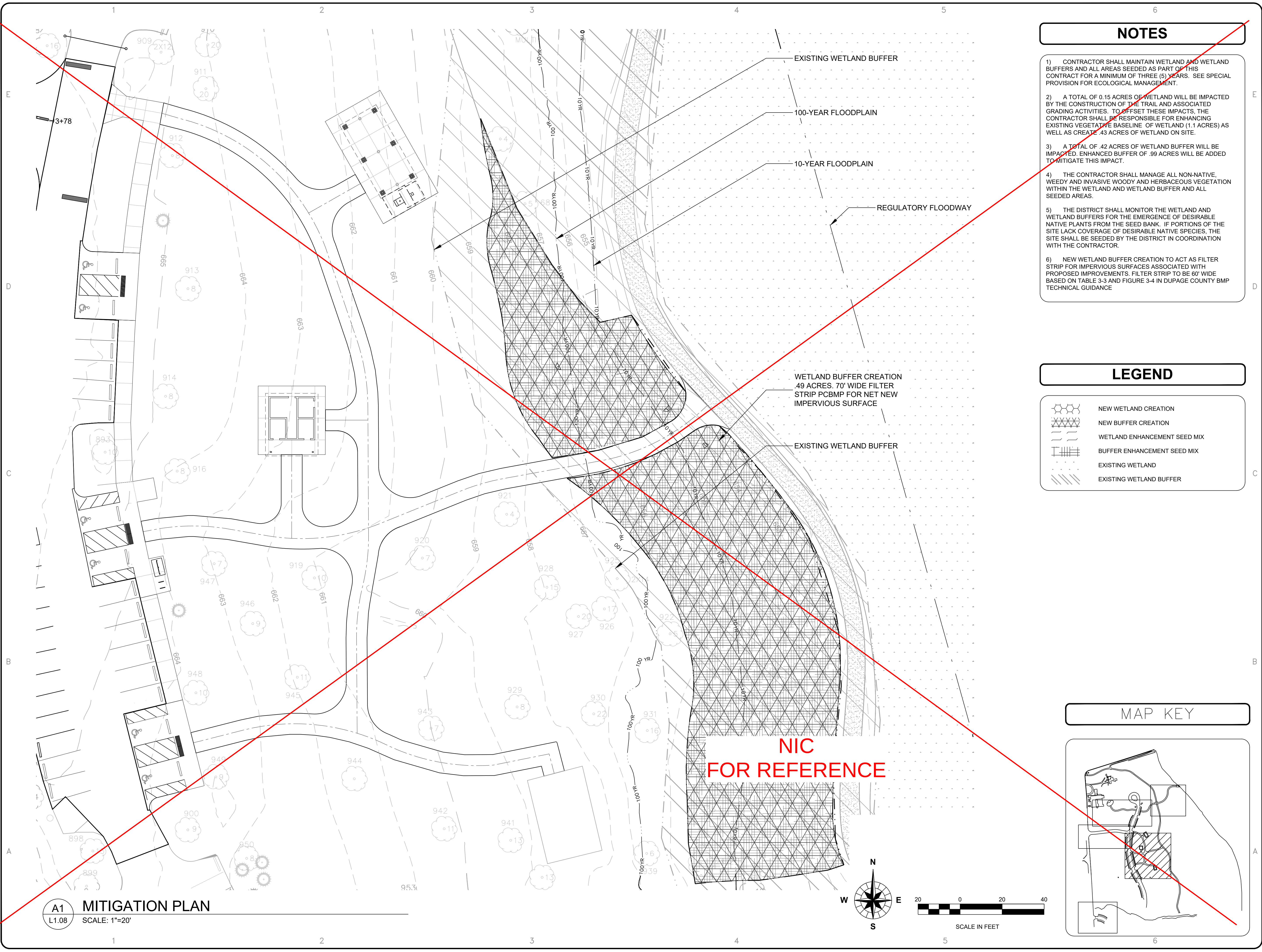
MITIGATION PLAN

SHEET NO:

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SHEET 64 of 128

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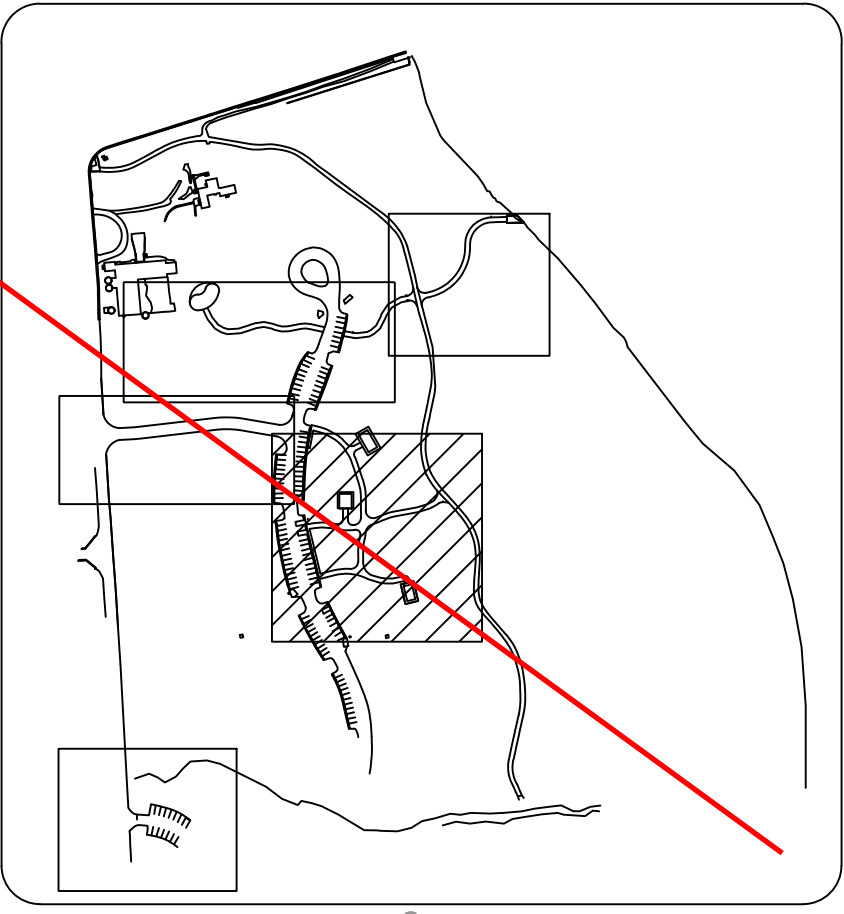
NOTES

- 1) CONTRACTOR SHALL MAINTAIN WETLAND AND WETLAND BUFFERS AND ALL AREAS SEEDED AS PART OF THIS CONTRACT FOR A MINIMUM OF THREE (3) YEARS. SEE SPECIAL PROVISION FOR ECOLOGICAL MANAGEMENT.
- 2) A TOTAL OF 0.15 ACRES OF WETLAND WILL BE IMPACTED BY THE CONSTRUCTION OF THE TRAIL AND ASSOCIATED GRADING ACTIVITIES. TO OFFSET THESE IMPACTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENHANCING EXISTING VEGETATIVE BASELINE OF WETLAND (1.1 ACRES) AS WELL AS CREATE .43 ACRES OF WETLAND ON SITE.
- 3) A TOTAL OF .42 ACRES OF WETLAND BUFFER WILL BE IMPACTED. ENHANCED BUFFER OF .99 ACRES WILL BE ADDED TO MITIGATE THIS IMPACT.
- 4) THE CONTRACTOR SHALL MANAGE ALL NON-NATIVE, WEEDY AND INVASIVE WOODY AND HERBACEOUS VEGETATION WITHIN THE WETLAND AND WETLAND BUFFER AND ALL SEEDED AREAS.
- 5) THE DISTRICT SHALL MONITOR THE WETLAND AND WETLAND BUFFERS FOR THE EMERGENCE OF DESIRABLE NATIVE PLANTS FROM THE SEED BANK. IF PORTIONS OF THE SITE LACK COVERAGE OF DESIRABLE NATIVE SPECIES, THE SITE SHALL BE SEEDED BY THE DISTRICT IN COORDINATION WITH THE CONTRACTOR.
- 6) NEW WETLAND BUFFER CREATION TO ACT AS FILTER STRIP FOR IMPERVIOUS SURFACES ASSOCIATED WITH PROPOSED IMPROVEMENTS. FILTER STRIP TO BE 60' WIDE BASED ON TABLE 3-3 AND FIGURE 3-4 IN DUPAGE COUNTY BMP TECHNICAL GUIDANCE

LEGEND

- NEW WETLAND CREATION
- NEW BUFFER CREATION
- WETLAND ENHANCEMENT SEED MIX
- BUFFER ENHANCEMENT SEED MIX
- EXISTING WETLAND
- EXISTING WETLAND BUFFER

MAP KEY



OWNER: STREET ADDRESS: 3 S 580 NAPERVILLE ROAD WHEATON, IL 60189-8761
MAILING ADDRESS: P.O. BOX 5000 WHEATON, IL 60189-5000
CONTACT NUMBERS: PH# 630-933-7200 FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE
RECREATIONAL IMPROVEMENTS
OSLAD GRANT 25-2599

85127 GREENE RD, NAPERVILLE, IL 60540

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SHEET TITLE:
MITIGATION PLAN

SHEET NO:
L1.08
SHEET 65 of 128

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WETLAND IMPACTS											
Aquatic Resource	Type	Anticipated Jurisdiction	FQI	C-Value	Size (Acres)	Size (Linear Feet)	Buffer Width (Feet)	Wetland Impacts (Acres)	Required Mitigation 3:1(Acres)	Wetland Creation (Acres)	Wetland Enhancement (Acres)
Wetland 1	Wetland	USACE	20.44	3.00	2.54	N/A	100	0.15	0.45	0.43	1.10
East Branch DuPage River	Waters of the U.S	USACE	N/A	N/A	N/A	85	N/A	N/A	N/A	N/A	N/A
TOTAL:					2.54	85		0.15	0.45	0.43	1.10

FLOODPLAIN IMPACTS - TOTAL						
	10 YR FILL (CY)	10-100 YR FILL (CY)	10 YR CUT (CY)	10-100 YR CUT (CY)	10 YR NET (CY)	10-100 YR NET (CY)
Kayak Launch Trail	13.71	0.00	305.87	0.00	-292.16	0.00
Kayak Connector Trail	.8	14.45	9.47	0.00	-8.67	14.45
Picnic Connector Trail	22.86	2.18	13.49	0.03	9.37	2.15
Compensatory Storage	0.00	0.00	3.69	27.24	-3.69	-27.24
Wetland Creation	0.00	0.00	250.46	0.00	-250.46	0.00
TOTAL	37.37	16.63	582.98	27.27	-545.61	-12.79

IDOT 2A - SEED LIST

SEED	LBS. PER ACRE
Inferno Tall Fescue	60
Perennial Ryegrass	20
Audubon Red Fescue	30
Resue 911 Hard Fescue	30
Fults Distans Alkaligrass	60
Total Weight(LBS)	200

TRI-TALL FESCUE - SEED LIST

APPLY AT 8 LBS PER 1,000 SF	
PURE SEED	PERCENTAGE
Titanium LS	33
Firecracker LS	33
Spyder LS	33
Other Crop	0
Weed Seed	0
Inert Matter	Less than 1
Noxious Weeds	0

BUFFER ENHANCEMENT - SEED LIST

Scientific Name	Common Name	Lb. per Acre	Oz. per Acre	Seed/ SF
Mesic Prairie Seed Mix				
Andropogon gerardii	Big Bluestem	1.000	16.00	4
Aster laevis	Smooth Blue Aster	0.062	0.99	1
Baptisia leucantha*	White Wild Indigo	0.062	0.99	0.039
Bouteloua curtipendula	Side Oats Grama	2.000	32.00	4
Coreopsis tripteris	Tall Coreopsis	0.125	2.00	1
Desmodium canadense*	Showy Tick Trefoil	0.125	2.00	0.3
Echinacea pallida	Pale Purple Coneflower	0.420	6.72	1
Elymus canadensis	Canada Wild Rye	6.000	96.00	11
Eryngium yuccifolium	Rattlesnake Master	0.188	3.01	1
Heliopsis helianthoides	Ox-Eye Sunflower	0.031	0.50	0.1
Lespedeza capitata*	Roundhead Bushclover	0.125	2.00	0.4
Liatris aspera	Button Blazing Star	0.188	3.01	1
Liatris pycnostachya	Prairie Blazing Star	0.200	3.20	1
Monarda fistulosa	Bergamot	0.065	1.04	2
Parthenium integrifolium	Wild Quinine	0.063	1.01	0.2
Penstemon digitalis	Foxglove Beardtongue	0.125	2.00	6
Petalostemum purpureum*	Purple Prairie Clover	0.125	2.00	1
Potentilla arguta	Prairie Cinquefoil	0.063	1.01	5
Ratibida pinnata	Yellow Coneflower	0.125	2.00	1
Rudbeckia hirta	Black-Eyed Susan	0.250	4.00	8
Rudbeckia subtomentosa	Sweet Coneflower	0.250	4.00	4
Schyzachyrium scoparium	Little Bluestem	5.000	80.00	28
Silphium integrifolium	Rosin Weed	0.188	3.01	0.1
Silphium laciniatum	Compass Plant	0.188	3.01	0.046
Silphium terebinthinaceum	Prairie Dock	0.188	3.01	0.1
Solidago nemoralis	Old-Field Goldenrod	0.125	2.00	14
Solidago rigida	Stiff Goldenrod	0.063	1.01	1
Sorghastrum nutans	Indian Grass	0.500	8.00	2
Symphotrichum novae-angliae	New England Aster	0.100	1.60	2
Tradescantia ohiensis	Spiderwort	0.125	2.00	0.4
Vernonia fasciculata	Common Ironweed	0.188	3.01	2
Veronicastrum virginicum	Culver's Root	0.125	2.00	37
Zizia aurea	Golden Alexanders	0.125	2.00	1
* = inoculant required	Total Weight of Seeds	18.507	296.11	141

MITIGATION TABLE

TABLE 1. BUFFERS, WETLAND ENHANCEMENT, STREAMBANK STABILIZATION AND NATIVE PLANTED PCBMPs (See Footnote 1)

Monitoring and Management Period as Required by Certification	Temporary Vegetative Cover/ Permanent Soil Stabilization*	Percent Cover Native Vegetation*	Floristic Quality Index (FQI)***	Coefficient of Conservatism (C)***	None of Three Most Dominant Species are Non-native or Invasive**
Year 1	Must meet NPDES standards	10%	—	—	Cover crop acceptable
Year 2	No unvegetated areas >1m ²	25%	—	—	Required
Year 3	No unvegetated areas >1m ²	75%	20	3.5	Required

TABLE 2. WETLAND CREATION

Monitoring and Management Period as Required by Certification	Temporary Vegetative Cover/ Permanent Soil Stabilization *	Percent Cover Native Vegetation*	Percent Cover of Species as Listed on Approved Plant Mixes *	Floristic Quality Index (FQI)	Coefficient of Conservatism (C)	None of Three Most Dominant Species are non-native or invasive**
Year 1	Must meet NPDES standards	10%	10%	—	—	Cover crop acceptable
Year 2	No unvegetated areas >1m ²	25%	25%	—	—	Required
Year 3	No unvegetated areas >1m ²	50%	50%	15	3.0	Required
Year 4	No unvegetated areas >1m ²	60%	60%	—	—	Required
Year 5	No unvegetated areas >1m ²	80%	75%	20	3.5	Required

* As measured by aerial coverage, excluding the emergent zone. The emergent zone must achieve a minimum of 50% vegetative cover.

** Species include, but are not limited to: *Typha angustifolia*, *Typha X glauca*, *Phragmites australis*, *Lythrum salicaria*, *Salix interior*, *Phragmites arundinacea*, *Cirsium arvense*, *Melilotus sp.*, *Pod pratensis*, *Dipsosacus sp.*

*** FQI and/or C can be adjusted downward when taking the context of the location into consideration. PCBMPs are not required to meet FQI or C.

**** Percentage can be adjusted downward based on quantities planted and when taking the context of the location into consideration.

Note: 1) Performance standards shall be applied to and achieved in each separate plant community zone and do not apply to designated open water areas.

2) Upon final acceptance, the BMP shall be maintained as specified in the Stormwater Management Certification in perpetuity.

Footnote 1: BMP less than 1 acre. There are no performance standards for BMPs with tributary areas areas of less than 1 acre.

WETLAND ENHANCEMENT - SEED LIST

Scientific Name	Common Name	Lb. per Acre	Oz. per Acre	Seed/ SF
Wet Prairie Seed Mix				
Asclepias incarnata	Swamp Milkweed	0.250	4.00	0.4
Calamagrostis canadensis	Blue Joint Grass	0.500	8.00	51
Carex comosa	Bristley Sedge	0.500	8.00	6
Carex stipata	Common Fox Sedge	0.500	8.00	3
Carex stricta	Tussock Sedge	0.125	2.00	2
Carex vulpinoidea	Brown Fox Sedge	0.250	4.00	9
Eleocharis obtusa	Blunt Spike Rush	0.063	1.01	2
Elymus canadensis	Canada Wild Rye	0.500	8.00	11
Elymus virginicus	Virginia Wild Rye	5.000	80.00	8
Eupatorium maculatum	Spotted Joe Pye Weed	0.259	4.14	9
Eupatorium perfoliatum	Boneset	0.115	1.84	7
Helenium autumnale	Sneezeweed	0.500	8.00	24
Juncus dudleyi	Dudley's Rush	0.031	0.50	36
Juncus torreyi	Torrey Rush	0.062	0.99	36
Loersia oryzoides	Rice Cut Grass	1.250	20.00	16
Liatris spicata	Spiked Gayfeather	0.188	3.01	1
Lobelia cardinalis	Cardinal Flower	0.031	0.50	5
Lobelia siphilitica	Great Blue Lobelia	0.125	2.00	23
Lycopus americanus	Common Water Horehound	0.063	1.01	3
Lythrum alatum	Winged Loosestrife	0.015	0.24	17
Minimus ringens	Monkey Flower	0.016	0.26	14
Penthorum sedoides	Ditch Stonecrop	0.001	0.01	0.38
Penstemon digitalis	Foxglove Beard Tongue	0.125	2.00	6
Pycnanthemum virginianum	Common Mountain Mint	0.160	2.56	13
Physostegia virginiana speciosa	Showy Obedient Plant	0.063	1.01	0.3
Rudbeckia hirta	Black-Eyed Susan	0.250	4.00	8
Schizachyrium scoparium	Little Bluestem	5.000	80.00	28
Scirpus atrovirens	Dark Green Rush	0.125	2.00	21
Solidago graminifolia	Grass-Leaved Goldenrod	0.125	2.00	16
Symphotrichum novae-angliae	New England Aster	0.031	0.50	1
Verbena hastata	Blue Vervain	0.046	0.74	2
Vernonia fasciculata	Common Ironweed	0.018	0.29	0.2
Veronicastrum virginicum	Culver's Root	0.063	1.01	19
* = inoculant required	Total Weight of Seeds	16.350	261.60	398

OWNER: STREET ADDRESS: 3 S 580 NAPERVILLE ROAD WHEATON, IL 60189-8761
MAILING ADDRESS: P.O. BOX 5000 WHEATON, IL 60189-5000
CONTACT NUMBERS: PH# 630-933-7200 FAX# 630-933-7204

GREENE VALLEY FOREST PRESERVE RECREATIONAL IMPROVEMENTS OSLAD GRANT 25-2599

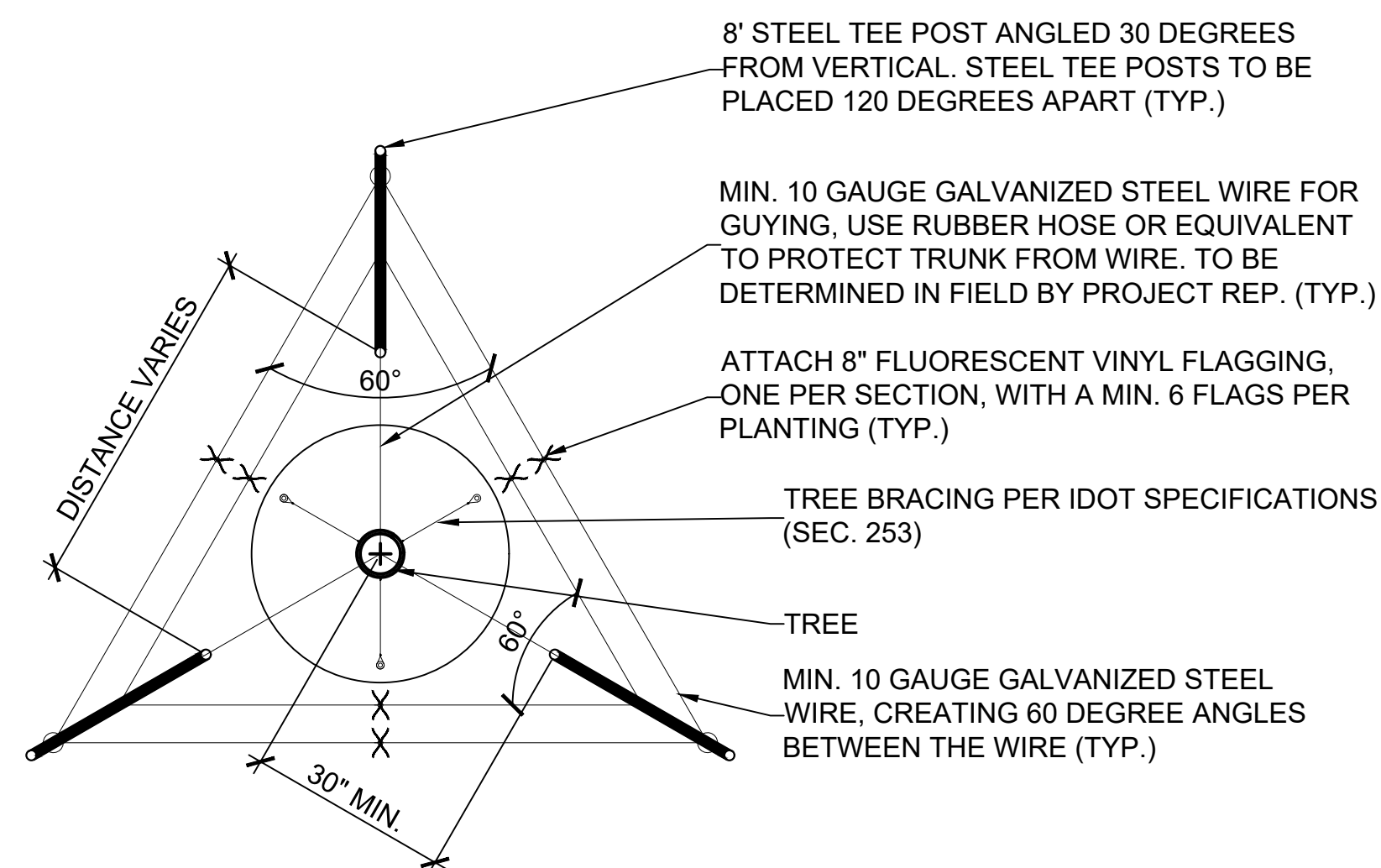
85127 GREENE RD, NAPERVILLE, IL 60540

MARK:	DATE:	DESCRIPTION:
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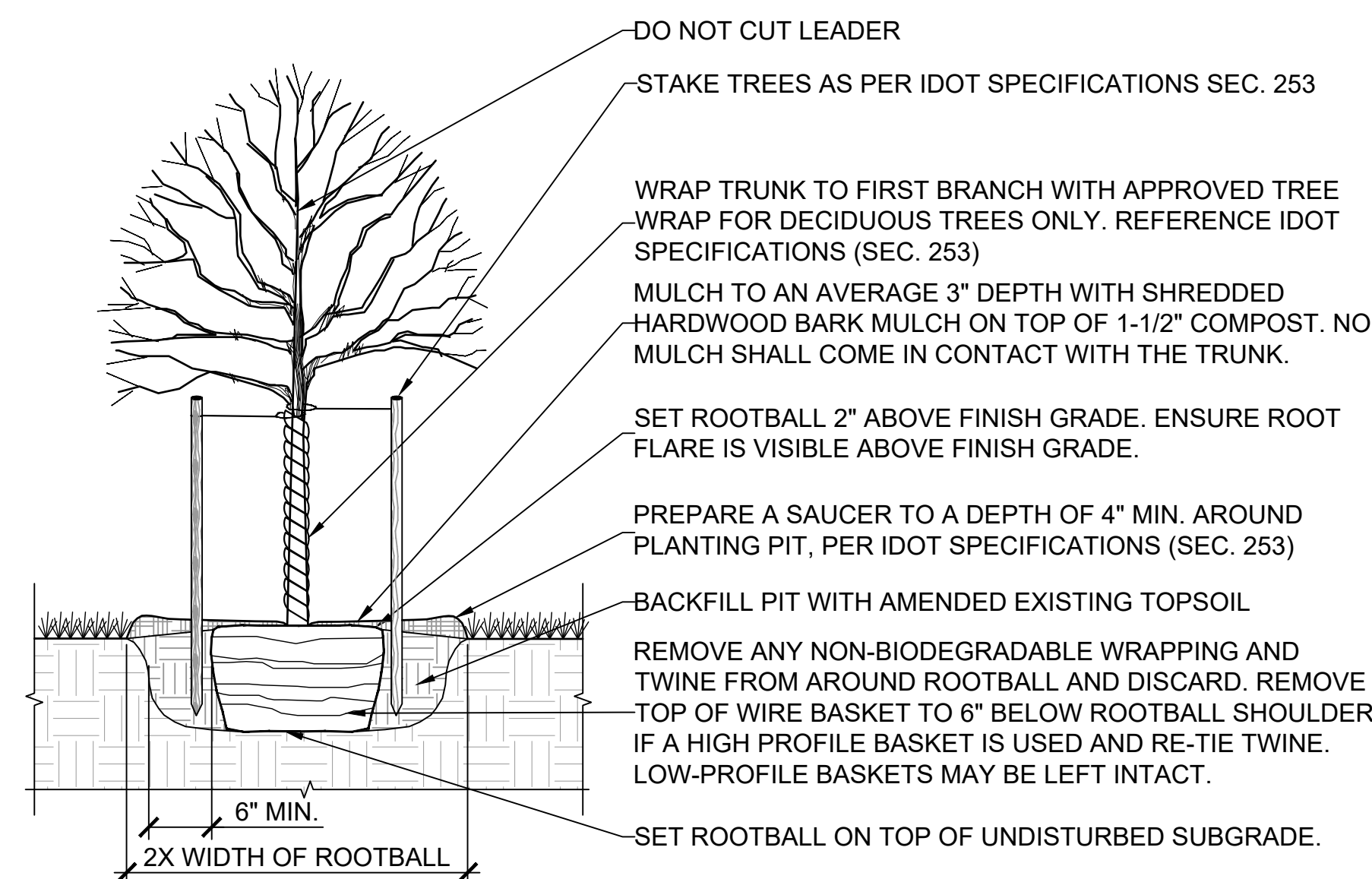
PROJECT NO:	Z-152-014
DRAWN BY:	
CHECKED BY:	
DATE:	7/17/2026
SCALE:	

MITIGATION PLAN

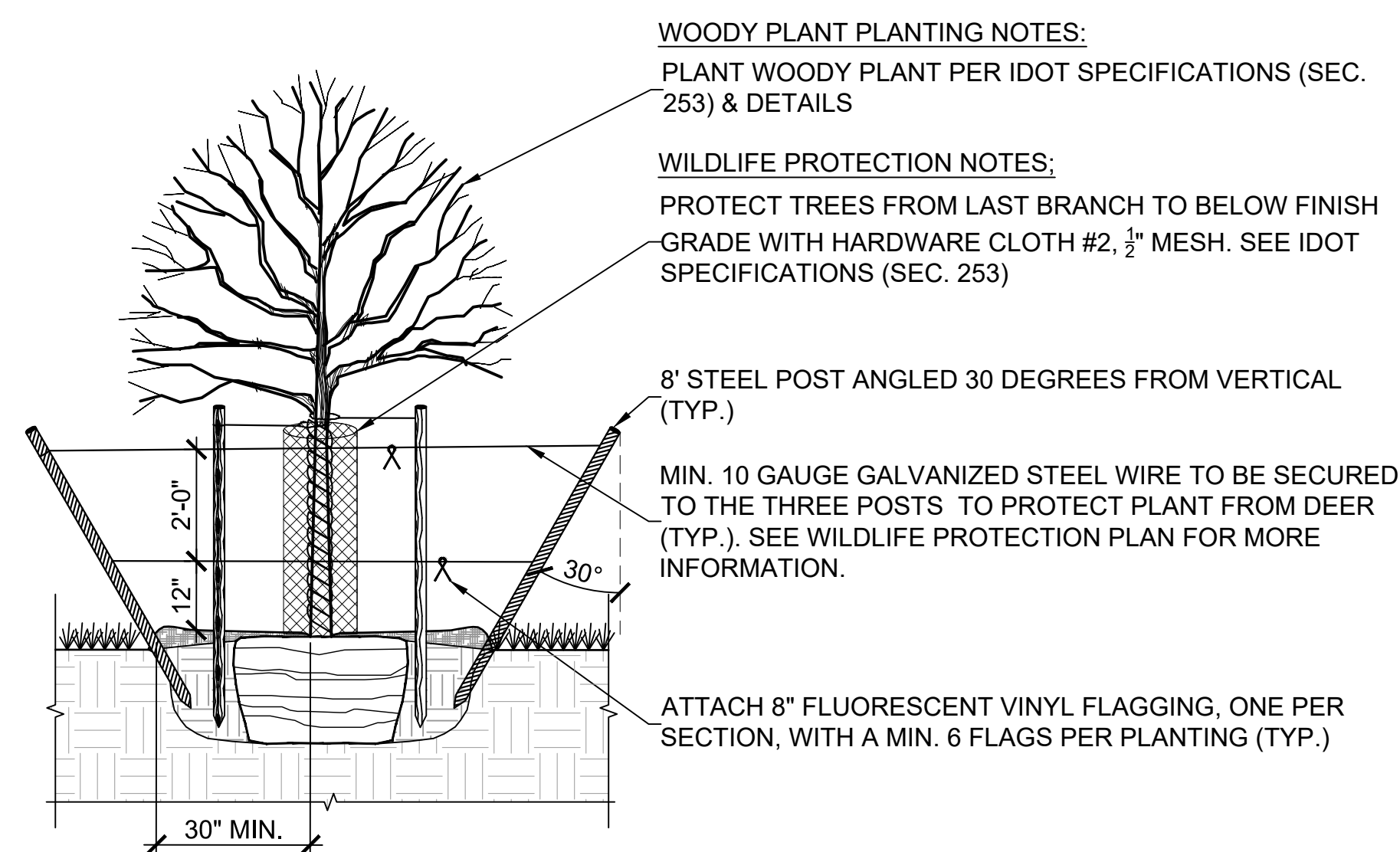
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SHEET 66 of 128



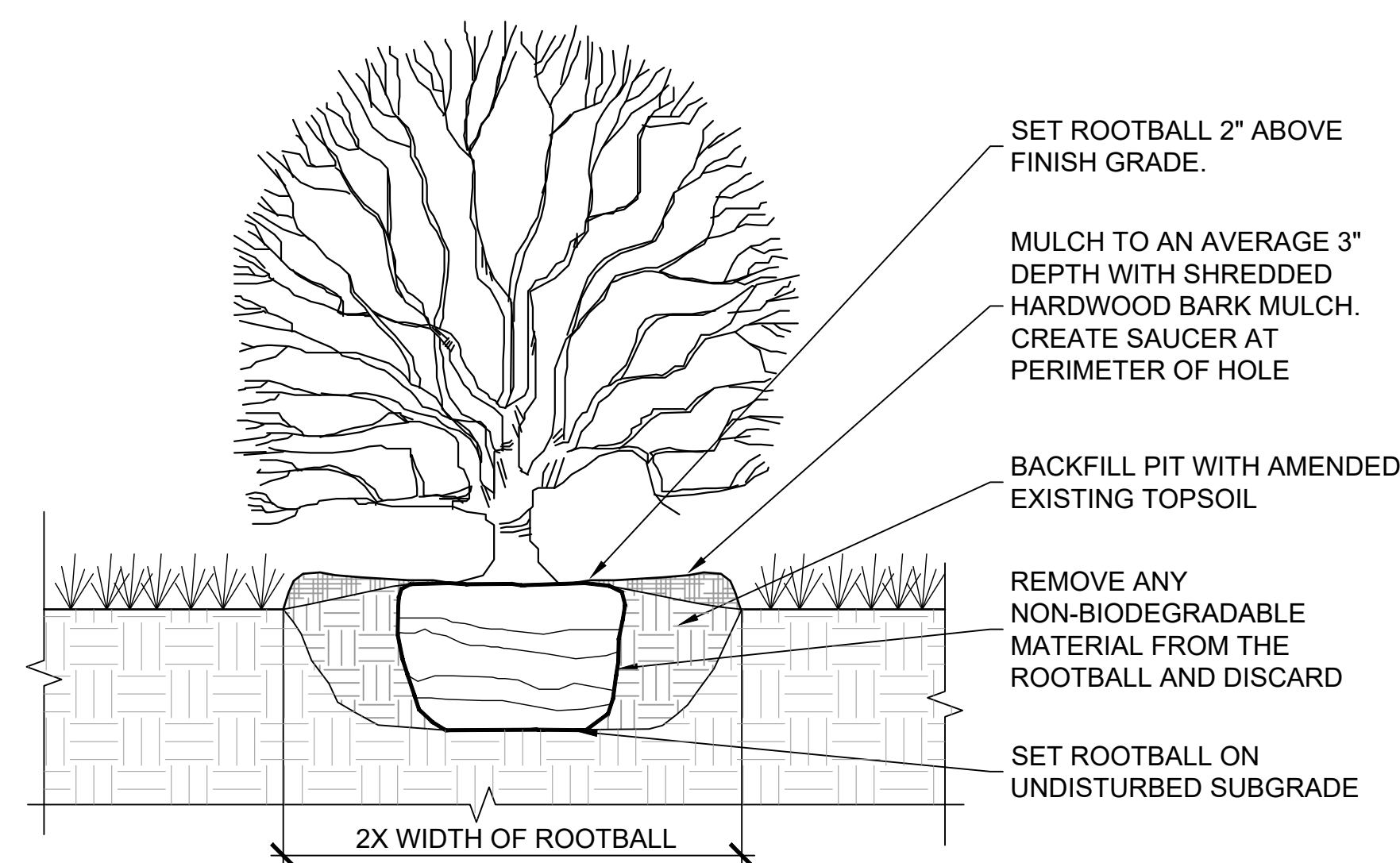
C1 WILDLIFE WOODY PLANT PROTECTION PLAN
L4.00 SCALE: $\frac{1}{8}" = 1'$



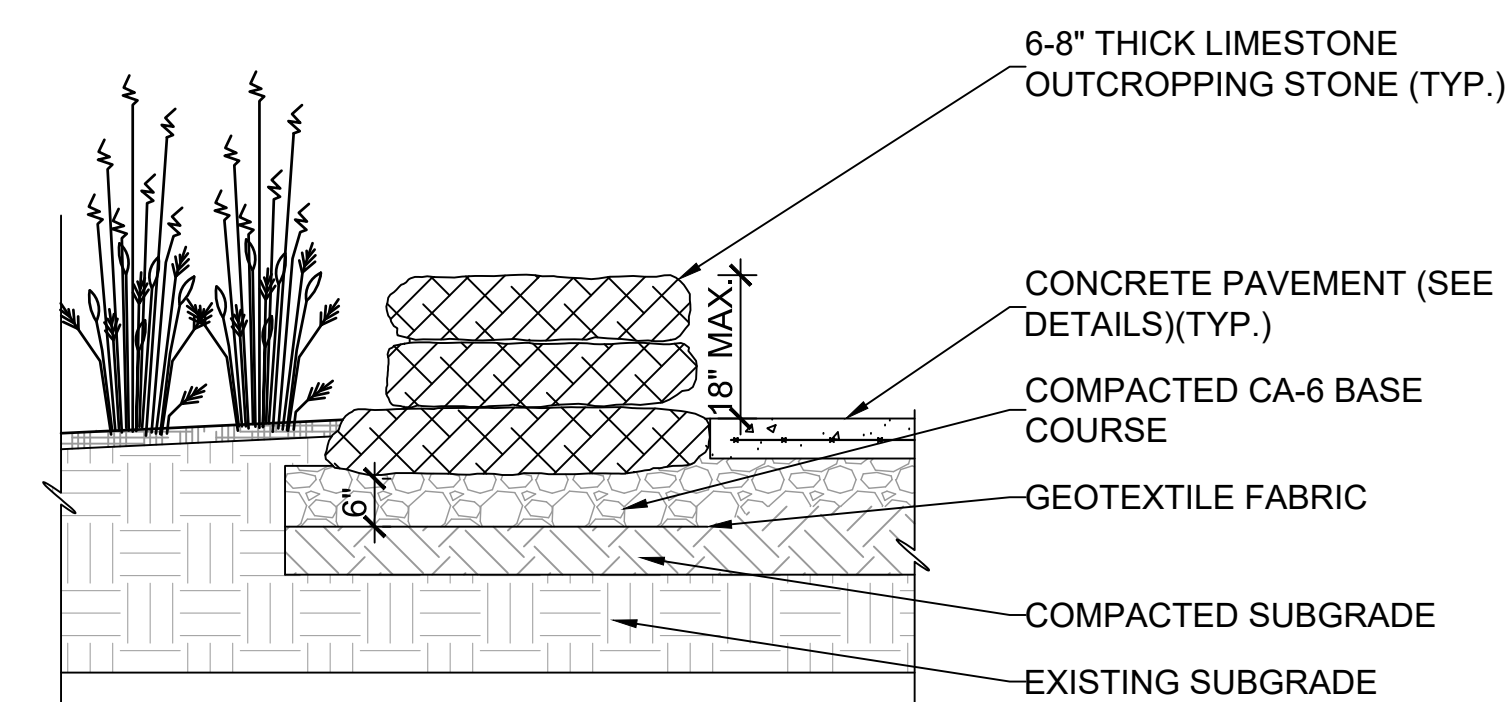
C3 DECIDUOUS TREE PLANTING



A1 L4.00 WILDLIFE WOODY PLANT PROTECTION SCALE: $\frac{1}{8}" = 1'$



A3 SHRUB INSTALLATION L4.00 SCALE: 1" = 1'



A5 L4.00 LIMESTONE OUTCROPPINGS SCALE: $\frac{1}{2}" = 1'$

[illegible]

PROJECT NO:	Z-152-014
DRAWN BY:	
CHECKED BY:	
DATE:	7/17/2026
SCALE:	

SHEET TITLE:

**LANDSCAPE
DETAILS**

SHEET NO:
L4.00
SHEET 67

[illegible]

PROJECT INFORMATION

PROJECT NAME: DISTRICT WIDE FLUSH WASHROOMS 25-26

PROJECT I.D. : DWF03

SITE ADDRESS: 23W171 HOBSON RD.

CITY / STATE: NAPERVILLE, IL 60540

SHEET SCHEDULE	
SHEET	CONTENTS
G0	TITLE PAGE, SHEET & REVISION SCHEDULE
G1	GENERAL NOTES / SYMBOL LEGEND
G2	DESIGN CRITERIA AND CODE SUMMARY
A1.1	FLOOR PLAN
A1.2	ADA CLEARANCES
A1.3	ADA RESTROOM FIXTURE DETAILS
A1.4	INTERIOR ELEVATIONS VIEWS
A2.1	EXTERIOR ELEVATION VIEWS
A2.2	EXTERIOR ELEVATION VIEWS
A3.1	SECTION VIEWS
A4.1	WALL FINISH SCHEDULE (INTERIOR/EXTERIOR)
A5.1	DOOR SCHEDULE
A5.2	DOOR DETAILS
A5.3	DOOR DETAILS
A6.1	VENT/WINDOW SCHEDULE
A6.2	VENT/WINDOW DETAILS
A6.3	WOOD FILLER WALL SCHEDULE
A6.4	WOOD FILLER WALL DETAILS
S7.1	FOUNDATION PLAN
S7.2	FOUNDATION DETAILS
S7.3	FOUNDATION DETAILS
S8.1	STRUCTURAL CMU PLAN
S8.2	STRUCTURAL CMU REBAR LAYOUT
S8.3	STRUCTURAL CMU DETAILS
S8.4	STRUCTURAL CMU ELEVATION VIEWS
S8.5	STRUCTURAL CMU ELEVATION VIEWS
S9.1	ROOF FRAMING PLAN
S10.1	ROOF CONNECTION DETAILS
S10.2	ROOF CONNECTION DETAILS
S10.3	ROOF CONNECTION DETAILS
S10.4	ROOF CONNECTION DETAILS
R1	ROOFING PLAN
R2	ROOFING DETAILS
R3	ROOFING DETAILS
P1	PLUMBING SCHEDULE
P2	PLUMBING PLAN
P2	PLUMBING RISER DIAGRAM
M1	MECHANICAL PLAN
E1	ELECTRICAL SCHEDULE
E2	ELECTRICAL PLAN
E3	ELECTRICAL RISER DETAILS
E4	ELECTRICAL PANEL SCHEDULE

REVISION SCHEDULE			
REV.	DATE	BY	DESCRIPTION
1	6/22/2026	ZW	A1.1, A1.2, A1.3, A1.4, S7.1, P1, P2, E2
2			
3			

7/09/2026

LICENSED STRUCTURAL ENGINEER

NABIL M. TAHA

081.006680

STATE OF ILLINOIS

Exp. 11/30/2026

ROMTEC

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info@structure1.com

IL Design Firm # 184008274-0003

PROJECT:

DISTRICT WIDE FLUSH WASHROOMS 25-26

SHEET TITLE:

TITLE SHEET

REVISION & SHEET SCHEDULE

PROJECT #:

DWF03

DATE:

09/09/2025

DRAWN BY:

ZW

REV.

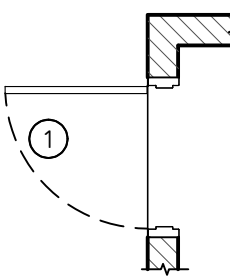
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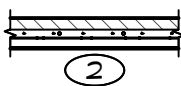
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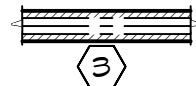
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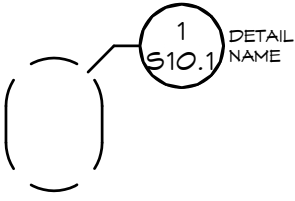
DOOR NUMBER - SEE APPLICABLE SCHEDULE



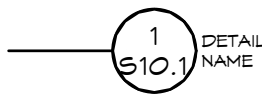
VENT NUMBER OR WINDOW NUMBER - SEE APPLICABLE SCHEDULE



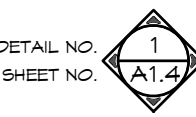
WOOD FILLER WALL - SEE APPLICABLE SCHEDULE



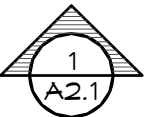
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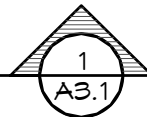
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INTERIOR ELEVATION REFERENCE



ELEVATION VIEW



BUILDING SECTION

ABBREVIATIONS			
AB	ANCHOR BOLT	MO	MASONRY OPENING
ACT	ADULT CHANGING TABLE	MR	METAL ROOFING
AFF	ABOVE FINISHED FLOOR	MS	MILD STEEL
ATS	AUTOMATIC TRANSFER SWITCH	ND	NAPKIN DISPOSAL
BN	BOUNDARY NAIL	NTS	NOT TO SCALE
BOT	BOTTOM	OC	ON CENTER
BP	BREAKER PANEL	OCEW	ON CENTER EACH WAY
CJ	CONTROL JOINT	OSB	ORIENTED STRAND BOARD
CL	CENTER LINE	P	PHOTO EYE
CO	CLEAN OUT	PCC	PORTLAND CEMENT COMPANY
CMU	CONCRETE MASONRY UNIT	PEN	PANEL EDGE NAILING
db	NOMINAL BAR DIAMETER	PL	PLATE
DD	DIAPER DECK	PSF	POUNDS PER SQUARE FOOT
DIA	DIAMETER	PSI	POUNDS PER SQUARE INCH
DISC	DISCONNECT	PT	PRESSURE TREATED
EM	ELECTRIC METER	PTD	PAPER TOWEL DISPENSER
EN	END NAIL	PV	PHOTO VOLTAGE
EW	EACH WAY	R4S	ROUGH FOUR SIDES
FA	FREE AIR	REQD	REQUIRED
FD	FLOOR DRAIN	RO	ROUGH OPENING
FF	FINISHED FLOOR	S4S	SURFACED FOUR SIDES
FG	FINISHED GRADE	SCH	SCHEDULE
FN	FIELD NAIL	SD	SOAP DISPENSER
FRP	FIBERGLASS REINFORCED PANEL	SIP	STRUCTURAL INSULATED PANEL
GB	GRAB BAR	SJ	SAW JOINT
GLB	GLUE LAMINATED BEAM	SM	SHEET METAL
HB	HOSE BIBB	SN	SHEAR NAILING
HD	HAND DRYER	SS	STAINLESS STEEL
HM	HOLLOW METAL (DOOR)	TBD	TO BE DETERMINED
HSS	HOLLOW STRUCTURAL SECTIONS	T&B	TOP & BOTTOM
HTR	HEATER	T&G	TONGUE & GROOVE
HYP	HYPOTENUSE	TLT	TOILET
I.S.	INSTALLER SUPPLIED	TP	TOILET PAPER DISPENSER
KSI	KIPS PER SQUARE INCH	TS	TIMER SWITCH
L	STRUCTURAL STEEL ANGLE	TSCD	TOILET SEAT COVER DISPENSER
LAV	LAVATORY	TYP	TYPICAL
LF	LIGHT FIXTURE	UNO	UNLESS NOTED OTHERWISE
MBP	MAIN BREAKER PANEL	VB	VAPOR BARRIER
MD	MAIN DISCONNECT	VTR	VENT THROUGH ROOF
MIN	MINIMUM	WH	WATER HEATER
MIR	MIRROR	WWM	WOVEN WIRE MESH
		W/	WITH

- GENERAL NOTES
1. THIS PROJECT SHALL COMPLY WITH ALL CODES AND STANDARDS IDENTIFIED ON SHEET G2. ALL WORK SHALL MEET OR EXCEED INDUSTRY STANDARDS FOR MATERIALS, WORKMANSHIP, ETC.

2. CONTRACTOR SHALL REVIEW THE DRAWINGS THOROUGHLY BEFORE PROCEEDING WITH ANY WORK. ANY DISCREPANCIES FOUND WITHIN THESE DOCUMENTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF ROMTEC. CONTRACTOR SHALL NOT PROCEED WITH ANY WORK HE KNOWS TO BE IN CONFLICT WITH OTHER WORK, OR IS NOT APPROVED BY CODE, UNTIL RESOLVED BY ROMTEC OR THE ENGINEER/ARCHITECT.

3. CONTRACTOR SHALL MAINTAIN GENERAL LIABILITY INSURANCE AND WORKER'S COMP. INSURANCE AS PER SPECIFIC STATE MINIMUM REQUIREMENTS.

4. FOOTINGS SHALL BE CONSTRUCTED ON UNDISTURBED NATIVE SOIL OR ENGINEER APPROVED FILL. CONTRACTOR TO VERIFY ASSUMED SOIL BEARING CAPACITY NOTED ON SHEET G2. SHOULD SOIL NOT MEET OR EXCEED THE ASSUMED SOIL BEARING CAPACITY, CONTRACTOR TO MODIFY SOIL CONDITIONS TO SATISFY CRITERIA OR NOTIFY THE STRUCTURAL ENGINEER TO REVISE DESIGN PER CONDITIONS ENCOUNTERED. BACKFILL AROUND BUILDING TO PROVIDE SLOPE AWAY FROM BUILDING NOT LESS THAN A 2% SLOPE FOR A MINIMUM DISTANCE OF 10' FROM THE BUILDING, PER 2021 IBC 1804.3.

5. A. CAST-IN-PLACE CONCRETE: 3000 PSI MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS 4" +/- 1" SLUMP, WITH MAX 1" AGGREGATE, AND ALL MATERIALS IN ACCORDANCE WITH ACI 318 STANDARDS. FINE BROOM FINISH INTERIOR SURFACES AND EXTERIOR SLABS. JOINTS REQUIRED IN FLAT WORK, SEE FOUNDATION DETAILS FOR REQUIREMENTS.
B. CMU BLOCKS "MEDIUM WEIGHT DENSITY" ARE MANUFACTURED TO ASTM C90-02 STANDARDS WITH A MIN COMPRESSIVE STRENGTH f_m = 1500 PSI. ALL CMU BLOCKS MUST BE FULLY GROUTED IN 5 FT MAXIMUM LIFTS (EXCEPTION - HIGH LIFT GROUTING FOR 8'-8" WALLS MAYBE USED AS LONG AS CLEANOUT OPENINGS ARE PROVIDED AT THE BOTTOM OF EVERY CELL FOR EACH POUR ABOVE 5 FT). THE MORTAR TO BE USED SHALL BE TYPE S 1800 PSI MORTAR CONFORMING TO ASTM C270. MASONRY (CONCRETE) GROUT: 2500 PSI MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS 9" +/- 1" SLUMP, WITH MAX 1/2" AGGREGATE, AND TESTED IN ACCORDANCE TO MEET ACI 318. FINE OR COURSE GROUT MAY BE USED IN ACCORDANCE WITH 2021 IBC. CONSOLIDATE GROUT AT THE TIME OF PLACEMENT. CONSOLIDATE POURS EXCEEDING 12 IN. IN HEIGHT BY MECHANICAL VIBRATION, AND RECONSOLIDATE BY MECHANICAL VIBRATION AFTER INITIAL WATER LOSS AND SETTLEMENT HAS OCCURRED. CONSOLIDATION AND RECONSOLIDATION ARE NORMALLY ACHIEVED WITH A MECHANICAL VIBRATOR. A LOW VELOCITY VIBRATOR WITH A 3/4 IN. HEAD IS USED.

6. ANCHOR AND MACHINE BOLTS SHALL BE ASTM A307, UNLESS NOTED OTHERWISE BOLTS SHALL BE INSTALLED PER TURN-OF-NUT INSTALLATION METHOD, REQUIRED TURNS FOR PRE-TENSIONING FROM SNUG-TIGHT, U.N.O. IN THIS PLAN SET OR BY ANCHOR BOLT OR FASTENER MANUFACTURER. SCREWS AND MACHINE BOLT CALLOUTS ARE MINIMUM SIZE ALLOWED, ACTUAL SIZE MAY VARY. HOLLOW STRUCTURAL SECTION (HSS) SHALL BE ASTM A500 GRADE B, F_y = 46 ksi. WIDE FLANGE BEAMS SHALL BE ASTM A992, F_y = 50 ksi. STEEL PLATES & SHAPES SHALL BE ASTM A36, F_y = 36 ksi. CONCRETE REINFORCING STEEL (REBAR): 60 ksi. (GRADE 60). WOOD FRAMING SHALL BE #2 & BETTER DOUGLAS FIR, UNO. GLU-LAM BEAMS SHALL BE GRADE 24F-V4.

7. QUESTIONS CONCERNING MATERIALS OR CONSTRUCTION CONTACT ROMTEC TECHNICAL ASSISTANCE AT: 541-496-3541

8. ROMTEC SCOPE SUPPLY AND DESIGN SUBMITTAL (SSDS) IDENTIFY SPECIFIC MODEL, MANUFACTURER & BRAND OF ALL PLUMBING AND ELECTRICAL FIXTURES AND ACCESSORIES. REFER TO THE SSDS FOR SPECIFIC LIST OF ITEMS SUPPLIED BY ROMTEC, ANY ITEMS NOT LISTED IN THE SSDS IS ASSUMED SUPPLIED BY THE INSTALLER.

9. THE OWNER / CONTRACTOR MAY EXERCISE DISCRETION IN SELECTING THE FINAL LOCATION FOR NON-DIMENSIONED ACCESSORIES AND FIXTURES (E.G., LIGHTS, COMFORT HEATERS, ETC.)

NOTE: ARCHITECT/ENGINEER IS NOT RESPONSIBLE FOR ANY SITE DESIGN OR ENGINEERING AND WILL NOT BE HELD ACCOUNTABLE OR LIABLE FOR ANY ISSUES RELATED TO THIS SITE. IT IS THE OWNER'S RESPONSIBILITY TO ACCURATELY LOCATE THIS BUILDING, SET FLOOR AND ADJACENT ELEVATIONS, DETERMINE SITE IS SUITABLE FOR CONSTRUCTION, VERIFY ALL UTILITIES, ETC.

RECYCLE

RECYCLE ALL USED SHIPPING MATERIALS AND LEFT OVER BUILDING MATERIALS

7/09/2026



Exp. 11/30/2026



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250 Main Klamath Falls, Oregon 97603
Phone: (541) 850-6300 Fax: (541) 850-6233
info@structure1.com
IL Design Firm # 184008274-0003

PROJECT: DISTRICT WIDE FLUSH WASHROOMS 25-26
NAPERVILLE, ILLINOIS

SHEET TITLE: GENERAL NOTES
SYMBOL LEGEND

PROJECT #: DWFO3
DATE: 09/09/2025
DRAWN BY: ZW
REV. DATE BY
REVISIONS:
SHEET NO. G1

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CODES AND STANDARDS

2021 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL PLUMBING CODE & STATE OF ILLINOIS PLUMBING CODE
2021 INTERNATIONAL MECHANICAL CODE
2020 NATIONAL ELECTRICAL CODE
2021 INTERNATIONAL FIRE CODE
ILLINOIS ACCESSIBILITY CODE, ADOPTED BY STATE LAW
2015 INTERNATIONAL ENERGY CONSERVATION CODE, ADOPTED BY STATE LAW

ACI AMERICAN CONCRETE INSTITUTE, ACI 318, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE"
TMS THE MASONRY SOCIETY, TMS 402, "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES"

CODE SUMMARY:

OCCUPANCY CLASS.: U
CONSTRUCTION: VB
AREA: 455 FT²
AREA ALLOWABLE: 5500 FT²
HEIGHT: 1 STORY
HEIGHT ALLOWABLE: 1 STORY
OCCUPANT LOAD: 9

DESIGN LOADS

ROOF: SNOW LOAD 30 PSF
ROOF: DEAD LOAD 15 PSF
WALL DEAD LOAD 81 PSF
IBC SEISMIC DESIGN CATEGORY B
DESIGN WIND SPEED (ULTIMATE) 115 MPH
EXPOSURE C
ALLOWABLE SOIL BEARING 2500 PSF

SEISMIC DESIGN DATA:

RISK CATEGORY: II
IMPORTANCE FACTOR: 1.0
SS: 0.133
S1: 0.066
SITE CLASS: D
SMS: 0.213
SM1: 0.159
SDS: 0.142
SD1: 0.106
SEISMIC DESIGN CATEGORY: B
R = 5
BASE SHEAR: V = 0.028 W

WIND DESIGN :

RISK CATEGORY: II
WIND SPEED = 115 MPH
EXPOSURE: C
INTERNAL PRESSURE COEFE = ± 0.18

BEARING WALL SYSTEM: SPECIAL REINFORCED MASONRY SHEAR WALL

ANALYSIS METHOD: EQUIVALENT STATIC FORCE METHOD

SPECIAL INSPECTIONS

CONCRETE SPECIAL INSPECTION NOT REQUIRED PER IBC 1705.3
EXCEPTION 2.3 [FOOTINGS]
EXCEPTION 3 [SLAB]

SPECIAL INSPECTIONS (TMS 402-16)

TABLE 3 -- MINIMUM VERIFICATION REQUIREMENTS				
MINIMUM VERIFICATION	REQUIRED FOR QUALITY ASSURANCE (a)			REFERENCE FOR CRITERIA
	LEVEL 1	LEVEL 2	LEVEL 3	TMS 602
PRIOR TO CONSTRUCTION, VERIFICATION OF COMPLIANCE OF SUBMITTALS		R		ART. 1.5
PRIOR TO CONSTRUCTION, VERIFICATION OF <i>f_m</i> AND <i>f_{AAC}</i> , EXCEPT WHERE SPECIFICALLY EXEMPT BY THE CODE.		R		ART. 1.4 B
DURING CONSTRUCTION, VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) WHEN SELF-CONSOLIDATING GROUT IS DELIVERED TO THE PROJECT SITE.		R		ART. 1.5 & 1.6.3
DURING CONSTRUCTION, VERIFICATION OF <i>f_m</i> AND <i>f_{AAC}</i> FOR EVERY 5,000 sq. ft. (465 sq.m).		NR		ART. 1.4 B
DURING CONSTRUCTION, VERIFICATION OF PORPORTIONS OF MATERIALS AS DELIVERED TO THE PROJECT SITE FOR PREMIXED OR PREBLENDED MORTAR, PRESTRESSING GROUT, AND GROUT OTHER THAN SELF-CONSOLIDATING GROUT.		NR		ART. 1.4 B

(a) R=REQUIRED, NR=NOT REQUIRED

TABLE 4 -- MINIMUM SPECIAL INSPECTION REQUIREMENTS					
INSPECTION TASK	REQUIRED FOR QUALITY ASSURANCE (a)			REFERENCE FOR CRITERIA	
	LEVEL 1	LEVEL 2	LEVEL 3	TMS 402	TMS 602
1. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:					
A. PROPORTION OF SITE-PREPARED MORTAR		P			ART. 2.1 , 2.6 A, & 2.6 C
B. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES		P			ART. 2.4 B & 2.4 H
C. GRADE, TYPE AND SIZE OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES		P			ART. 3.4 & 3.6 A
D. PRESTRESSING TECHNIQUE		P			ART. 3.6 B
E. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY		C(b)P(c)			ART. 2.1 C.1
F. SAMPLE PANEL CONSTRUCTION		P			ART. 2.1 C.1
2. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:					
A. GROUT SPACE		P			ART. 3.2 D & 3.2 F
B. PLACEMENT OF PRESTRESSING TENDONS AND ANCHORAGES		P		SEC. 10.8 & 10.9	ART. 2.4 & 3.6
C. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS		P		SEC. 6.1, 6.3.1, 6.3.6, & 6.3.7	ART. 2.4 & 3.6
D. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS		P			ART. 2.6 B & 2.4 G.1.b
3. VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION:					
A. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS		P			ART. 1.5
B. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION		P			ART. 3.3 B
C. SIZE AND LOCATION OF STRUCTURAL MEMBERS		P			ART. 3.3 F
D. TYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION.		P		SEC. 1.2.1(e), 6.2.1 & 6.3.1	
E. WELDING OF REINFORCEMENT		C		SEC. 6.1.6.1.2	
F. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F(4.4°C)) OR HOT WEATHER (TEMPERATURE ABOVE 90°F(32.2°C))		P			ART. 1.8 C & 1.8 D
G. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE		C			ART. 3.6 B
H. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE		C			ART. 3.5 & 3.6 C
I. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS		C(b)P(c)			ART. 3.3 B.9 & 3.3 F.1.b
4. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS		P			ART. 1.4 B.2.a.3, 1.4 B.2.b.3, 1.4 B.2.c.3, 1.4 B.3, & 1.4 B.4

(a) FREQUENCY REFERS TO THE FREQUENCY OF INSPECTION, WHICH MAY BE CONTINUOUS DURING THE LISTED TASK OR PERIODICALLY DURING THE LISTED TASK, AS DEFINED IN THE TABLE.
NR=NOT REQUIRED, P=PERIODIC, C=CONTINUOUS

(b) REQUIRED FOR THE FIRST 5000 SQUARE FEET (465 SQUARE METERS) OF AAC MASONRY.

(c) REQUIRED AFTER THE FIRST 5000 SQUARE FEET (465 SQUARE METERS) OF AAC MASONRY.

7/09/2026



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IL Design Firm # 184008274-0003

PROJECT: DISTRICT WIDE FLUSH WASHROOMS 25-26
NAPERVILLE, ILLINOIS
SHEET TITLE: DESIGN CRITERIA & CODE SUMMARY

PROJECT #:		DWF03
DATE:		09/09/2025
DRAWN BY:		ZW
REV.	DATE:	BY:
1	10-16-2025	ZW

REVISIONS:

SHEET NO.

G2

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WALL TYPE SCHEDULE

8" REINFORCED CONCRETE
MASONRY BLOCK WALL WITH
MORTAR JOINTS, GROUTED SOLID
ALL CELLS RUNNING BOND PATTERN.

7/09/2026



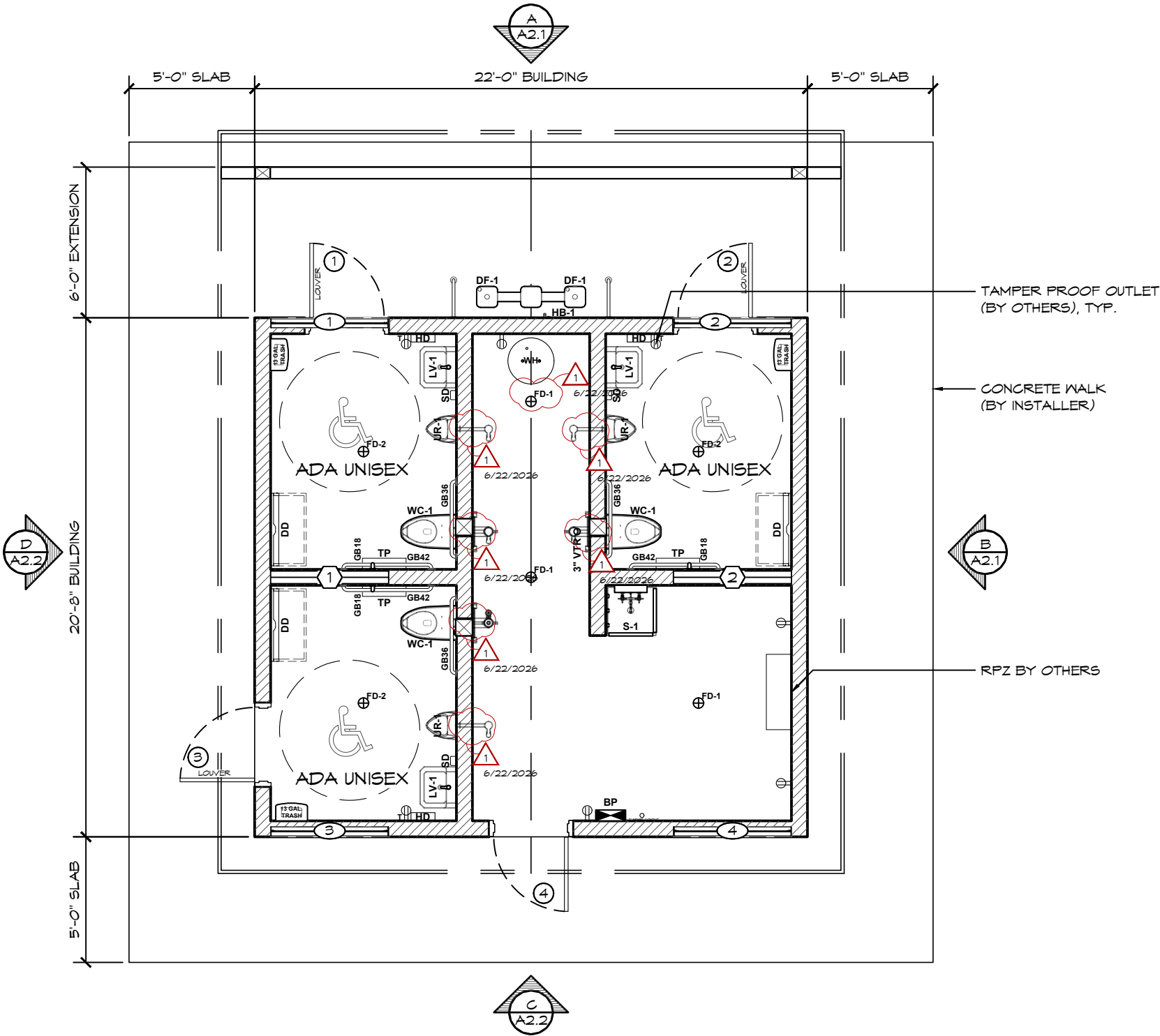
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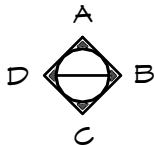
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1 FLOOR PLAN
SCALE: 3/16" = 1'-0"



PROJECT: DISTRICT WIDE FLUSH WASHROOMS 25-26
NAPERVILLE, ILLINOIS
SHEET TITLE: FLOOR PLAN

PROJECT #: DWFO3

DATE: 09/09/2025

DRAWN BY: ZW

REV.	DATE:	BY:
1	6-22-2026	ZW

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DISTRICT WIDE FLUSH WASHROOMS 25-26

NAPERVILLE, ILLINOIS

ADA CLEARANCES

PROJECT:

PROJECT #: DWFO3

DATE: 09/09/2025

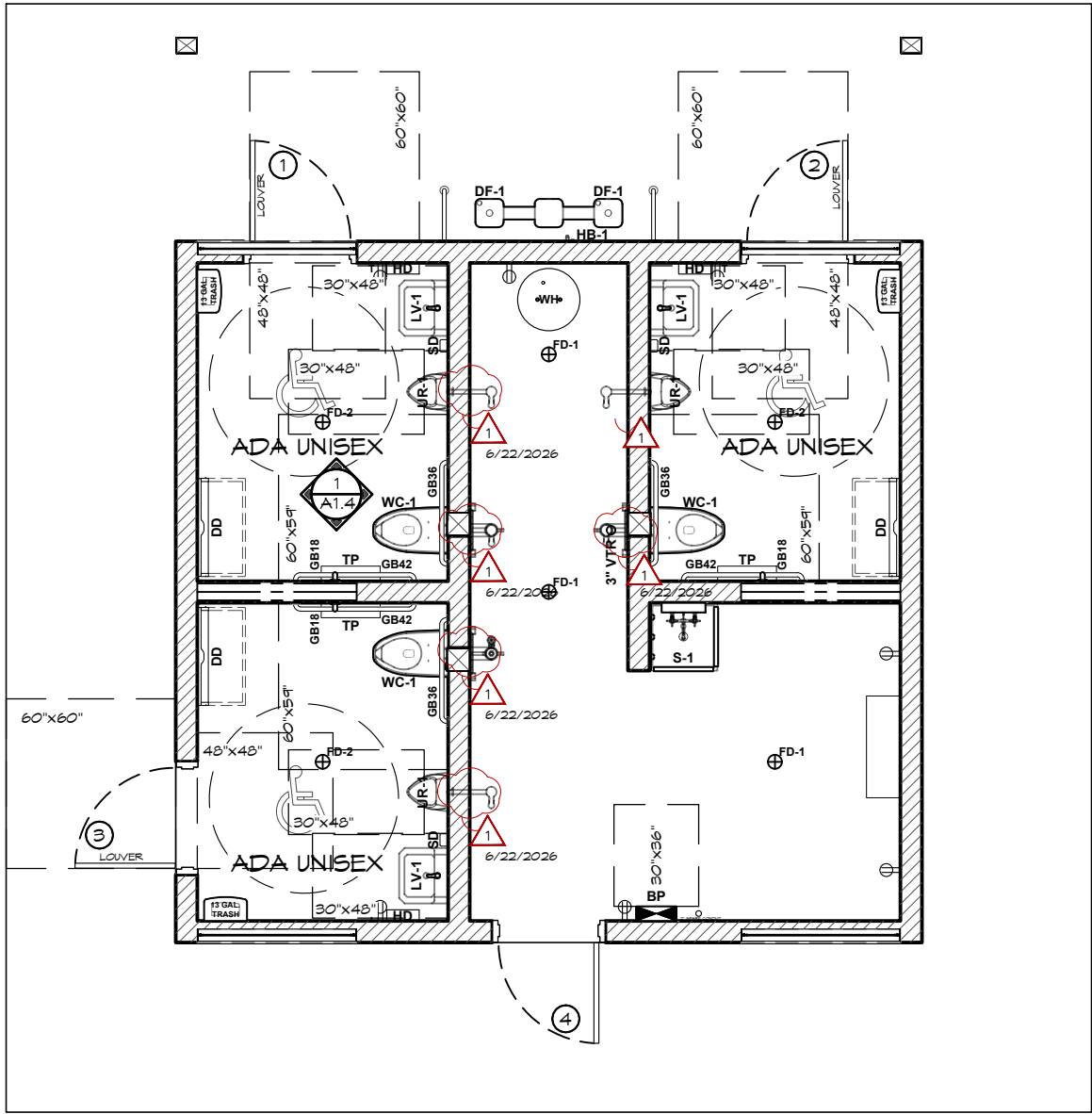
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1	6-22-2026	ZW

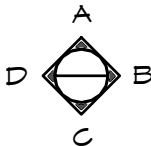
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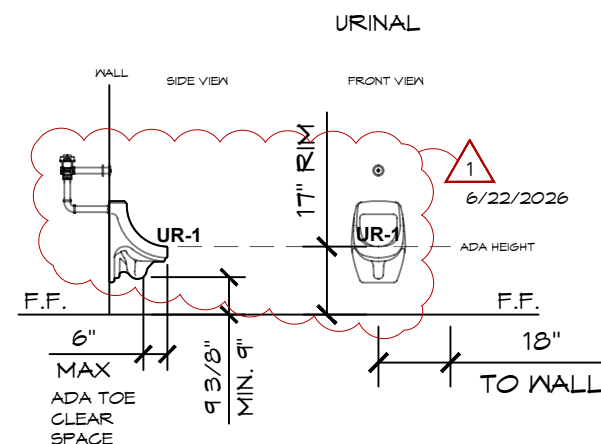
SHEET NO.



1 ADA RESTROOM FIXTURE CLEAR FLOOR AREA
SCALE: 3/16" = 1'-0"



-THE SPOUT SHALL BE LOCATED 15 INCHES MINIMUM FROM THE VERTICAL SUPPORT AND 5 INCHES MAXIMUM FROM THE FRONT EDGE OF THE UNIT, INCLUDING BUMPERS. -THE SPOUT SHALL PROVIDE A FLOW OF WATER 4 INCHES HIGH MINIMUM AND SHALL BE LOCATED 5 INCHES MAXIMUM FROM THE FRONT OF THE UNIT. THE ANGLE OF THE WATER STREAM SHALL BE MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE UNIT. WHERE SPOUTS ARE LOCATED LESS THAN 3 INCHES OF THE FRONT FACE OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 30 DEGREES MAXIMUM. WHERE SPOUTS ARE LOCATED BETWEEN 3 INCHES AND 5 INCHES MAXIMUM FROM THE FRONT FACE OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREES MAXIMUM.



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Dennis Furrle 1.847.0827.4-0003

Technical drawing showing the side and back wall elevations of a toilet stall. The drawing includes dimensions and callouts for various components.

Dimensions:

- Side Wall: 40" (width), 34" (height), 12" (height to top of WC-1), 1 1/2" (height to top of WC-1).
- Back Wall: 6" (width), 34" (height), 28" (height to top of WC-1), 18" (width to seat).
- WC-1: 10" (width), 17" - 19" (height to seat).
- Callouts: GB18, GB36, GB42, TP, F.F. (Finish Floor), MIN.

Notes:

- 1 (in a triangle) - 6/22/2020

Diagram illustrating the relationship between the Top of Pavement (TP), Bottom of Roll, and Front of TLT (Top of Trench) with dimensions:

- Vertical dimension from TP to Bottom of Roll: 30"
- Vertical dimension from Bottom of Roll to F.F. (Finished Floor): 18 3/4"
- Horizontal dimension from F.F. to Front of TLT: 7"-9"

A diagram of a rectangular trash can. Inside the rectangle, the text "13 GAL. TRASH" is written. To the right of the rectangle, a vertical dimension line with arrows at both ends is labeled "28\"", indicating the height of the can.

40" MAX.
TO BUTTON

SS

BOTTOM OF
REFLECTIVE
SURFACE

Technical drawing of a rectangular object with the following dimensions and labels:

- Top horizontal dimension: 32"
- Left vertical dimension: 31 1/4"
- Right vertical dimension: 33 7/8"
- Bottom vertical dimension: 45"
- Top-left corner dimension: 3 1/4"
- Internal label: DD

HD

PROJECT:

DISTRICT WIDE FLUSH WASHROOMS 25-26

NAPERVILLE, ILLINOIS

SHEET TITLE: ADA RESTROOM FIXTURE DETAILS

PROJECT #:	DNF03	
DATE:	09/09/2025	
DRAWN BY:	ZW	

REV.	DATE:	BY:
1	6-22-2026	ZW

REVISIONS:

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A1.3

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Architectural drawings of a lavatory stall, showing four views: View A (Elevation), View B (Plan), View C (Elevation), and View D (Plan).

VIEW A (Elevation): Shows the exterior of the stall. It includes a door with a window, a 13 GAL. TRASH can, and a LAV GUARD ADA INSULATION. A dimension of 16" is indicated for the height of the guard.

VIEW B (Plan): Shows the interior layout of the stall. It includes a mirror (SS MIR), a sink (LV-18), a toilet (WC-1 TP), and a door (DD). Dimensions include 18" for the width of the mirror/sink area, 67" for the width of the toilet area, and 10'-8" for the height of the stall. A red clouded area indicates the location of the toilet and sink. A date stamp 6/22/2026 is present.

VIEW C (Elevation): Shows the interior of the stall from a different angle. It includes a mirror (SS MIR), a sink (LV-18), a toilet (WC-1 TP), and a door (DD). Dimensions include 18" for the width of the mirror/sink area, 67" for the width of the toilet area, and 10'-8" for the height of the stall. A red clouded area indicates the location of the toilet and sink. A date stamp 6/22/2026 is present.

VIEW D (Plan): Shows the exterior of the stall. It includes a 13 GAL. TRASH can and a door (DD). A dimension of 19" is indicated for the width of the door.

1 ADA RESTROOM INTERIOR ELEVATION VIEWS

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

PROJECT: _____

DISTRICT WIDE FLUSH WASHROOMS 25-26
NAPERVILLE, ILLINOIS

SHEET TITLE: _____

ADA INTERIOR ELEVATION VIEWS

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[illegible]

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DISTRICT WIDE FLUSH WASHROOMS 25-26

NAPERVILLE, ILLINOIS

EXTERIOR ELEVATION VIEWS

PROJECT:

PROJECT #: DWFO3

DATE: 09/09/2025

DRAWN BY: ZW

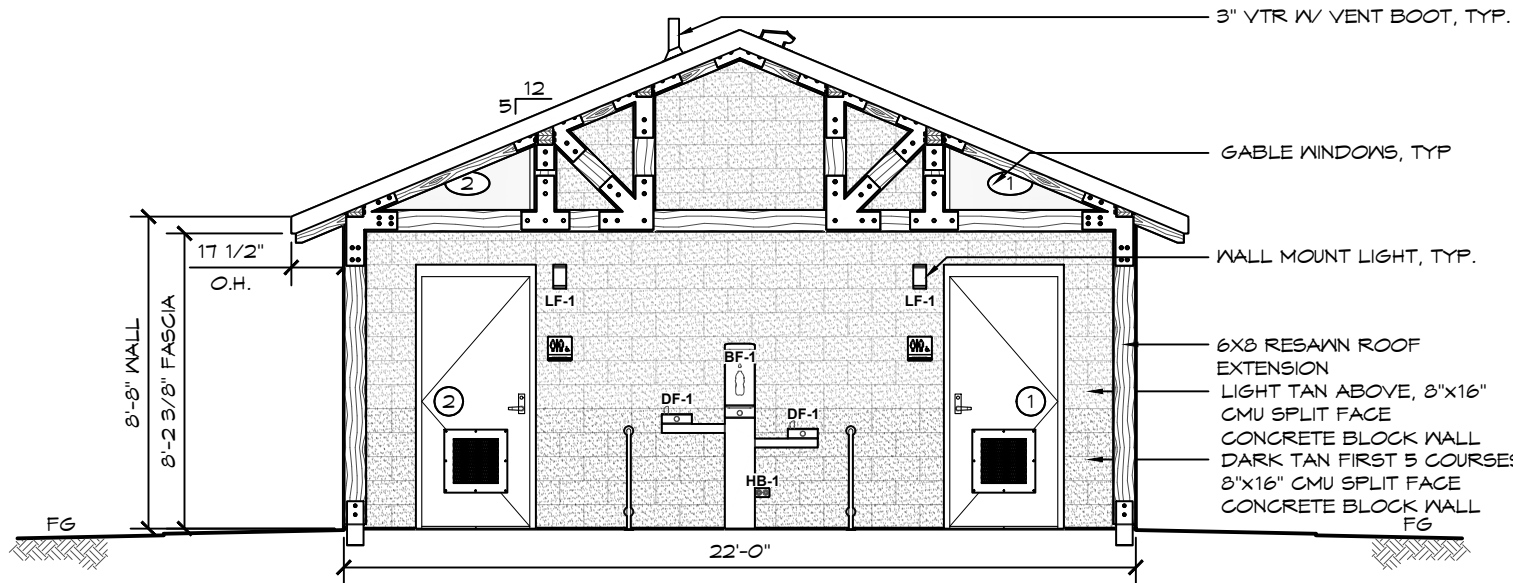
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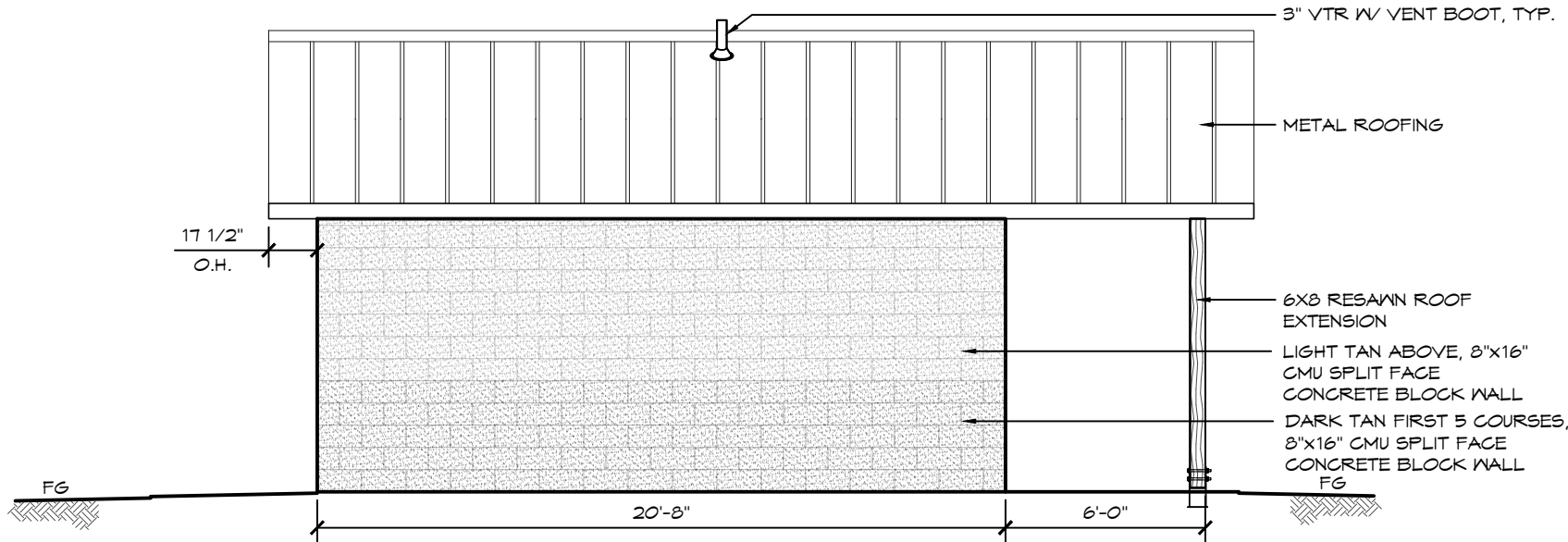
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SHEET NO.

SHEET 75 of 128



A ELEVATION VIEW
SCALE: 3/16" = 1'-0"



B ELEVATION VIEW
SCALE: 3/16" = 1'-0"

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DISTRICT WIDE FLUSH WASHROOMS 25-26

NAPERVILLE, ILLINOIS

EXTERIOR ELEVATION VIEWS

PROJECT:

PROJECT #: DWFO3

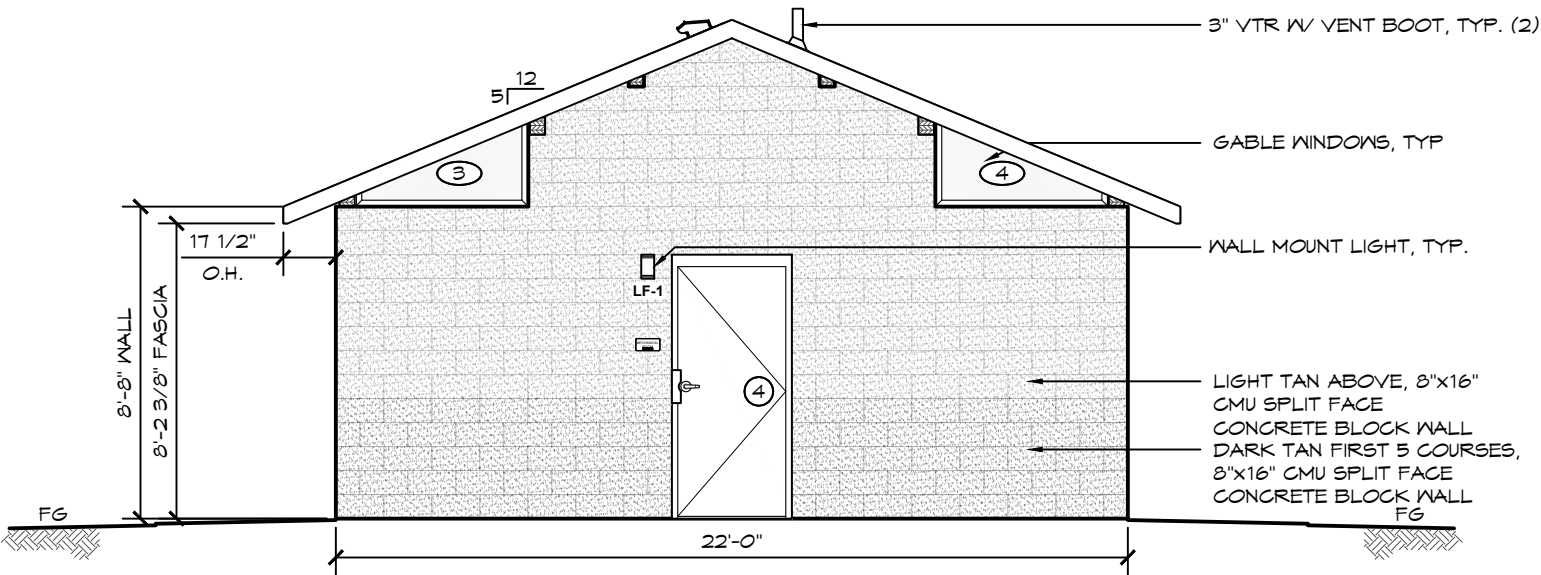
DATE: 09/09/2025

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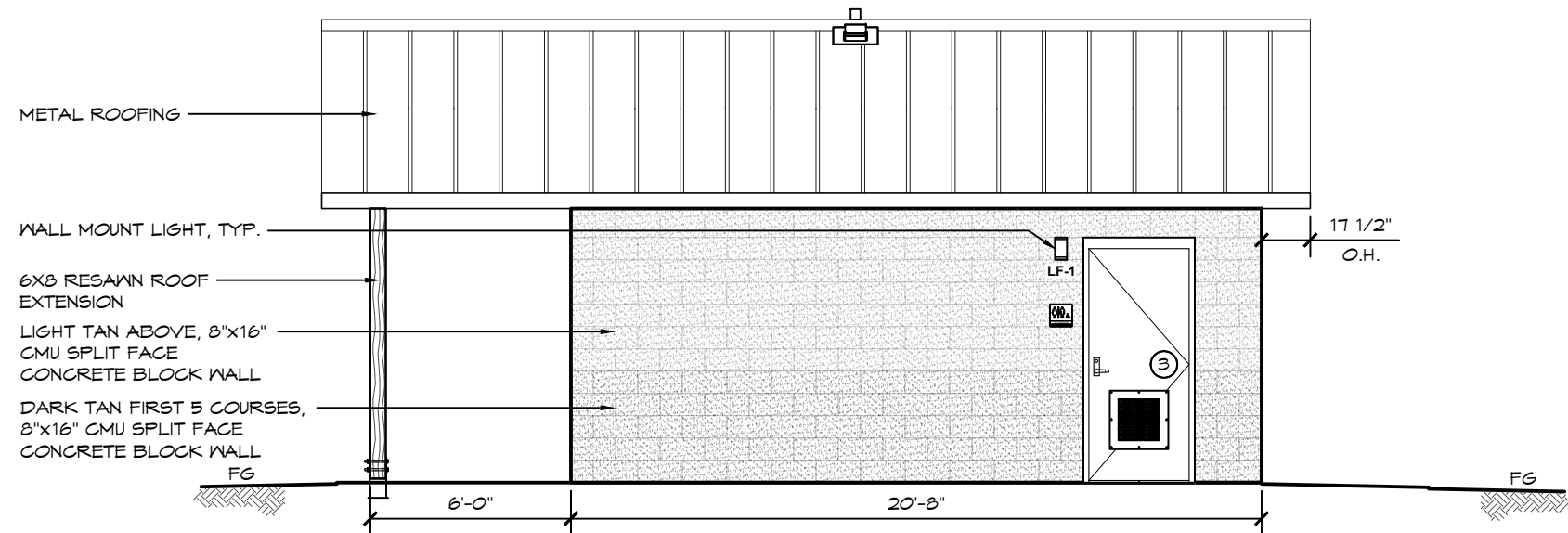
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SHEET NO. **A2.2**



C ELEVATION VIEW
SCALE: 3/16" = 1'-0"



D ELEVATION VIEW
SCALE: 3/16" = 1'-0"

7/09/2026

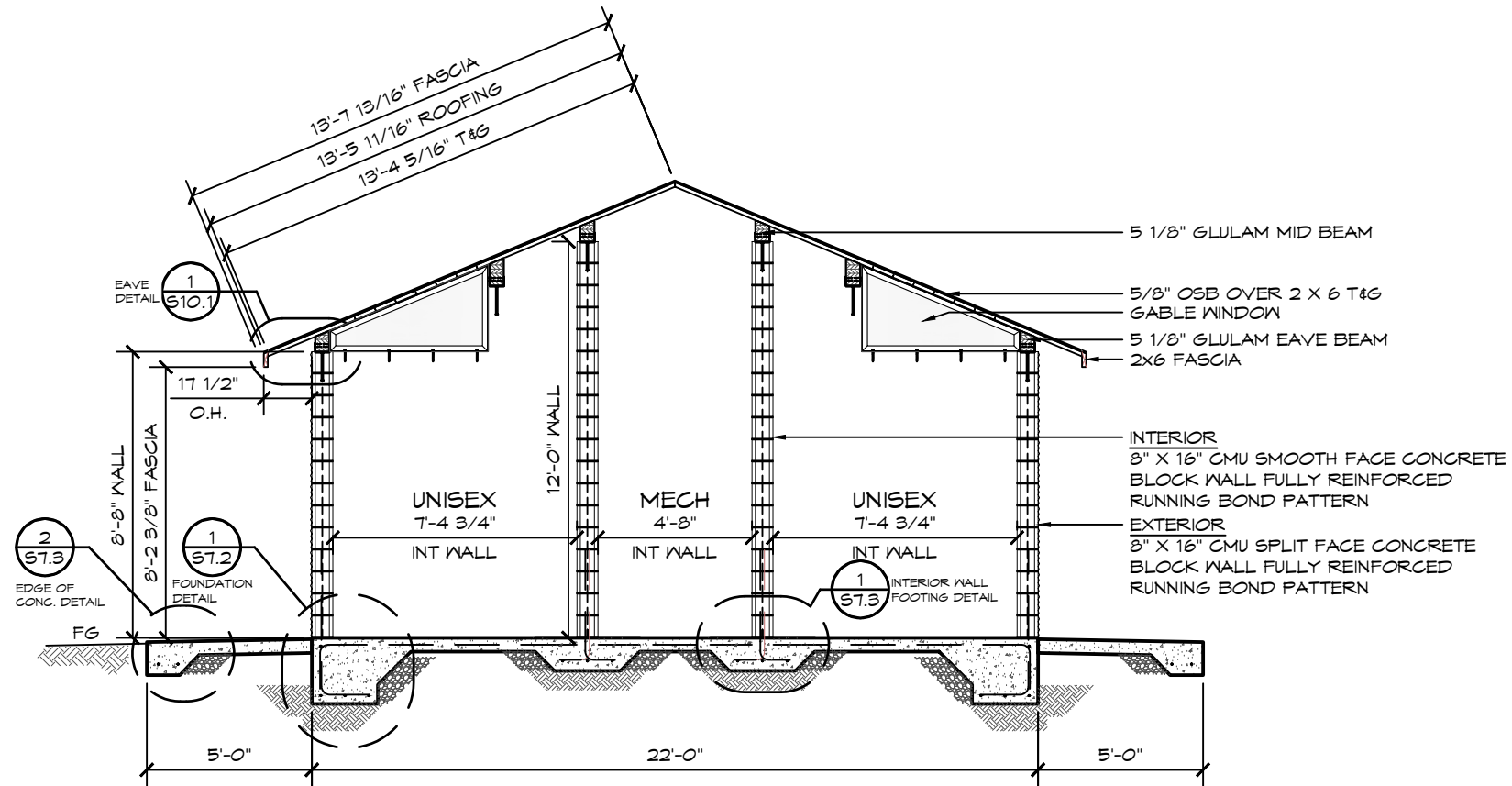


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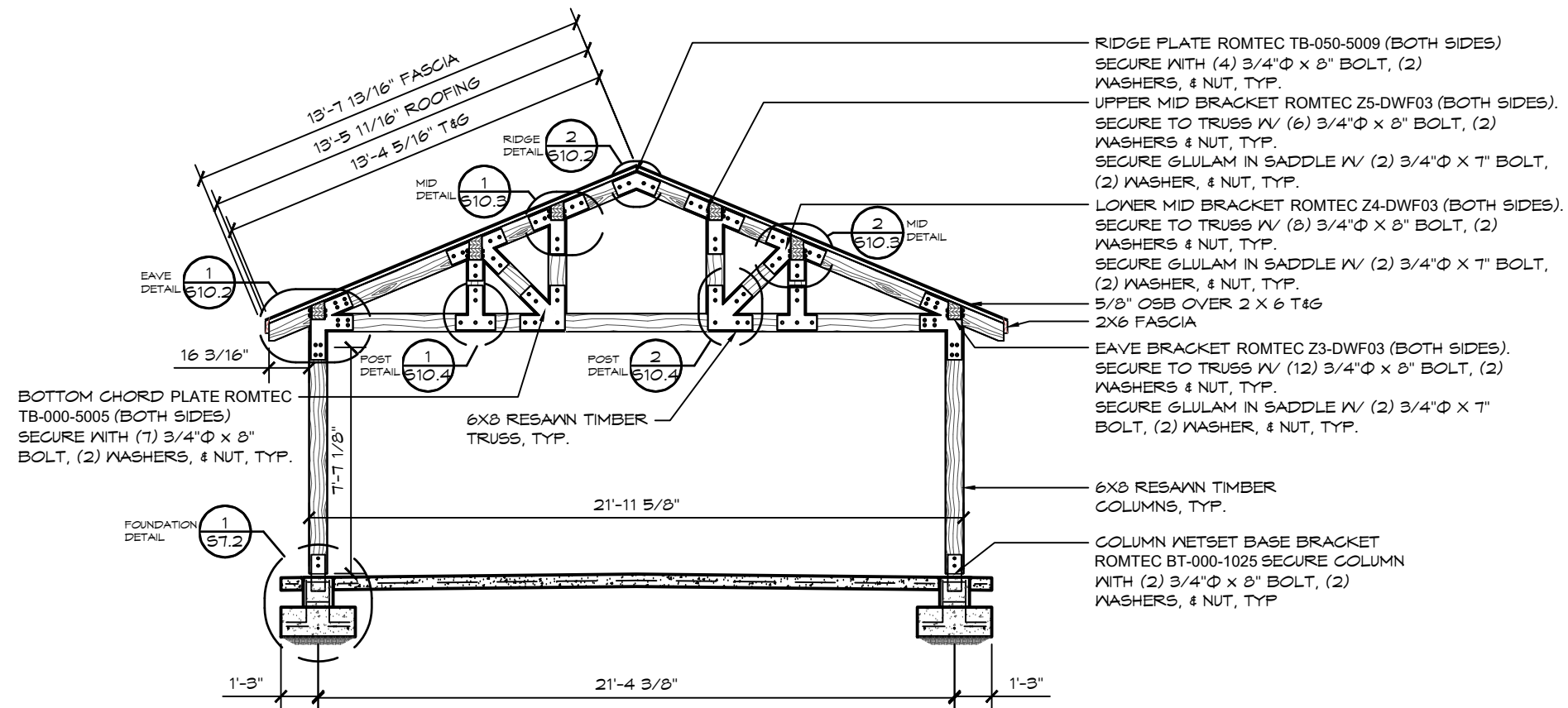
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1 SECTION VIEW
SCALE: 3/16" = 1'-0"



2 SECTION VIEW
SCALE: 3/16" = 1'-0"

DISTRICT WIDE FLUSH WASHROOMS 25-26
NAPERVILLE, ILLINOIS

SECTION VIEWS

PROJECT:

PROJECT #: DWF03

DATE: 09/09/2025

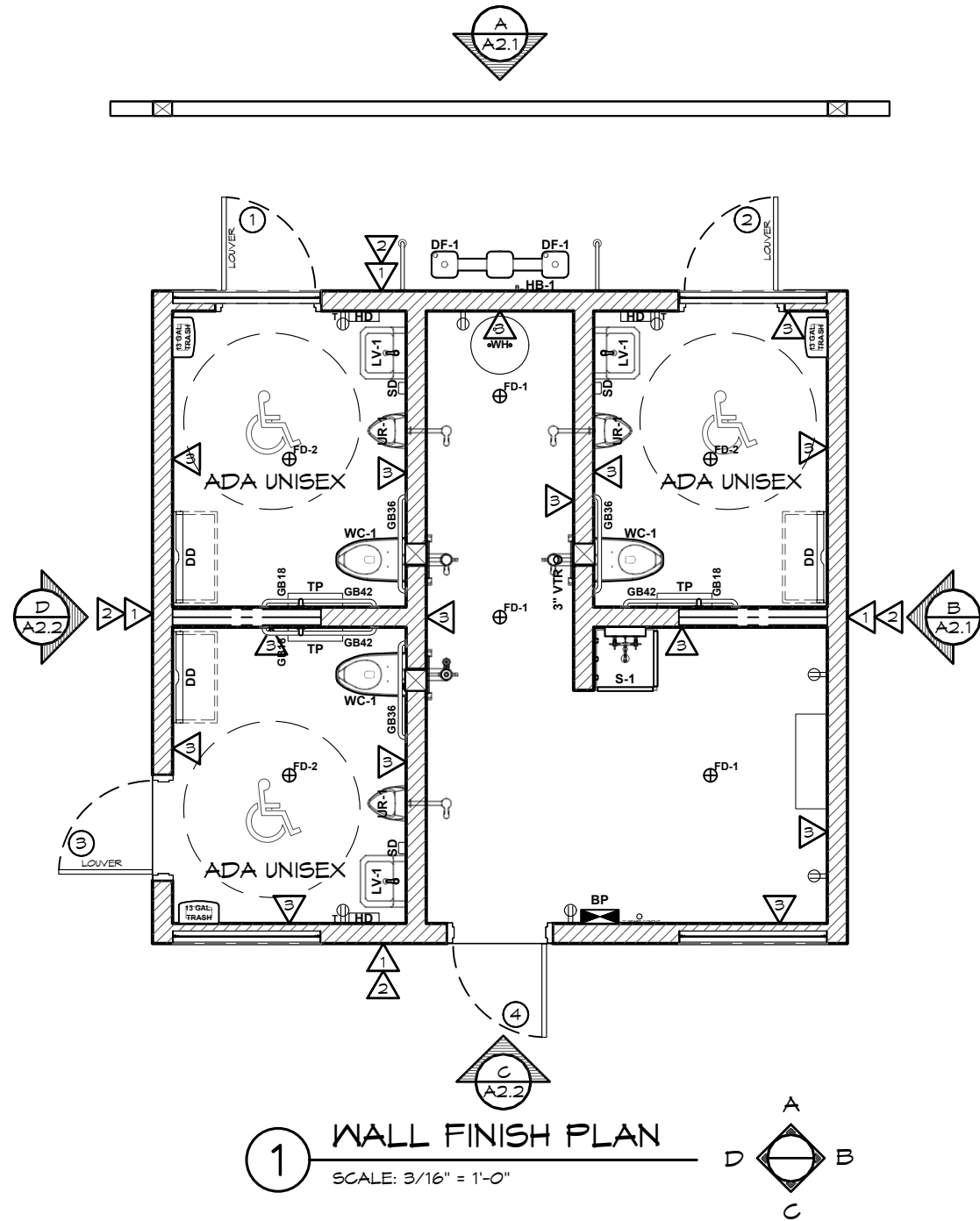
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REVISIONS:

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SHEET NO.



FINISH SCHEDULE			
NO.	LOCATION	FINISH	DETAIL
1	EXTERIOR WALL	8" SPLIT FACE REINFORCED CONCRETE MASONRY BLOCK WALL W/ MORTAR JOINTS, GROUTED SOLID ALL CELLS RUNNING BOND PATTERN.	
2	EXTERIOR ANTI-GRAFFITI ON CMU	APPLY BLOCK SEALER TO CMU SURFACES. INSTALLER TO APPLY ABR PRODUCTS POLYSHIELD GRAFFITI PREVENTER TYPE B, PER MANUFACTURE'S INSTALL INSTRUCTIONS	
3	INTERIOR WALL	PRIMED & (2) COATS OF EPOXY PAINT CMU WALLS FLOOR TO CEILING (INSTALLER SUPPLIED)	
	CEILING	2X6 T&G	
	EXPOSED WOOD	ALL T&G, FASCIA, SUB FASCIA, TIMBER TRUSSES, GLULAM BEAMS AND RAFTERS TO BE SEALED WITH PERMA-CHINK SYSTEMS INC - LIFELINE ULTRA 7 & A TOP COAT SEALER LIFELINE ADVANCE APPLIED ONSITE BY INSTALLER	
	FLOOR	CONCRETE WITH A WATER BASED WET CURE SEALER CURE-N-SEAL OR EQUAL (INSTALLER SUPPLIED)	
	COVE BASE	INTEGRAL WITH FLOORING (INSTALLER SUPPLIED)	

7/09/2026

LICENSED STRUCTURAL ENGINEER

NABIL M. TAHA

081.006680

STATE OF ILLINOIS

Exp. 11/30/2026

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PROJECT:

DISTRICT WIDE FLUSH WASHROOMS 25-26

NAPERVILLE, ILLINOIS

SHEET TITLE:

WALL FINISH SCHEDULE (INTERIOR/EXTERIOR)

PROJECT #:

DWFO3

DATE:

09/09/2025

DRAWN BY:

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DATE:

BY:

REVISIONS:

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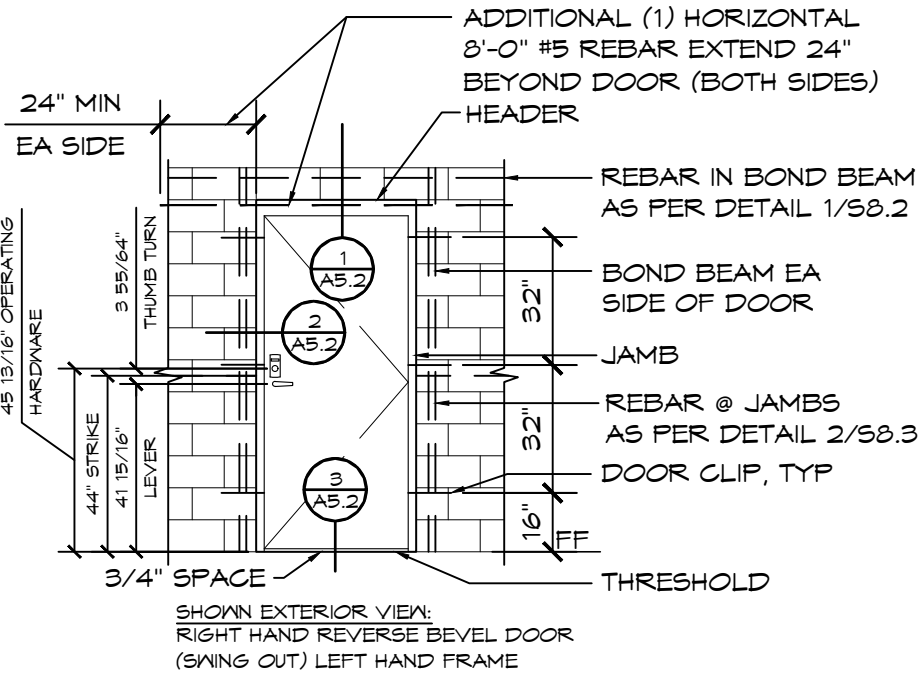
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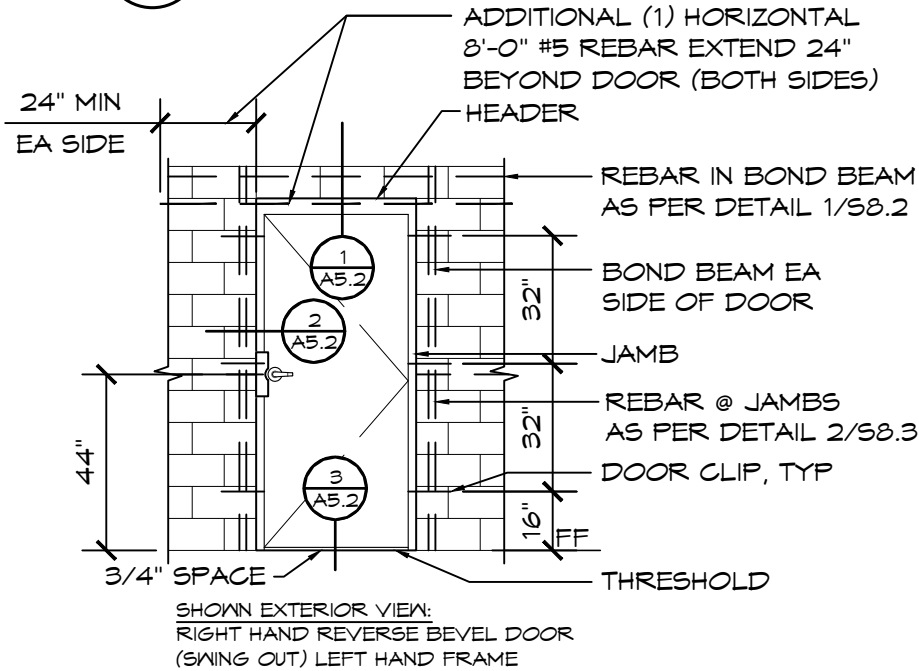
DOOR SCHEDULE						
NO	SIZE (WxHxT)	DOOR	FRAME	SWING - DOOR / FRAME	HARD-WARE GROUP	REMARKS
1	36"x84"x1 3/4"	SL18	F16	INTERIOR LH RIGHT HAND (REVERSE) SWING OUT / LEFT HAND	DO~ 1	SEE THRESHOLD DETAIL 3/A5.2
2	36"x84"x1 3/4"	SL18	F16	INTERIOR LEFT HAND (REVERSE) SWING OUT / RIGHT HAND	DO~ 1	SEE THRESHOLD DETAIL 3/A5.2
3	36"x84"x1 3/4"	SL18	F16	INTERIOR RIGHT HAND (REVERSE) SWING OUT / LEFT HAND	DO~ 1	SEE THRESHOLD DETAIL 3/A5.2
4	36"x84"x1 3/4"	SL18	F16	INTERIOR RIGHT HAND (REVERSE) SWING OUT / LEFT HAND	DO~ 2	SEE THRESHOLD DETAIL 3/A5.2

DOOR HARDWARE SCHEDULE (QTYS PER DOOR)		
GROUP DO-1	GROUP DO-2	
3	3	EACH HINGE 4.5" x 4.5" S.S. (NRP)
1	1	DOOR CLOSER, (USE THRU BOLT ANCHORING OPTION)
-	1	LEVER LOCKSET, STANLEY BEST 9K SERIES - DORMITORY-A - (KEY-OUTSIDE / THUMBTURN-INSIDE)
1	-	MORTISE LOCK STANLEY BEST 40H SERIES - CLASSROOM - (KEY - OUTSIDE / ALWAYS OPEN - INSIDE)
1	1	KICK PLATE, 10" X 34"
1	-	18"X18" LOUVER VENT
6	6	WIRE DOOR CLIPS

NOTE: ALL DOORS MAY BE OPENED FROM THE INSIDE W/O KEY, SPECIAL KNOWLEDGE, OR EFFORT. 5# MAX OPENING EFFORT DOOR IS EQUIPPED W/ SINGLE-EFFORT, NON-GRASP HARDWARE. DOOR COMPLIES WITH ADA REQUIREMENT FOR AN INSIDE LOCK.



1 DOOR DETAILS
SCALE: 1/4' = 1'-0"



1 DOOR DETAILS
SCALE: 1/4' = 1'-0"

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DISTRICT WIDE FLUSH WASHROOMS 25-26

NAPERVILLE, ILLINOIS

PROJECT:
SHEET TITLE:
DOOR SCHEDULE

PROJECT #: DWFO3
DATE: 09/09/2025
DRAWN BY: ZW

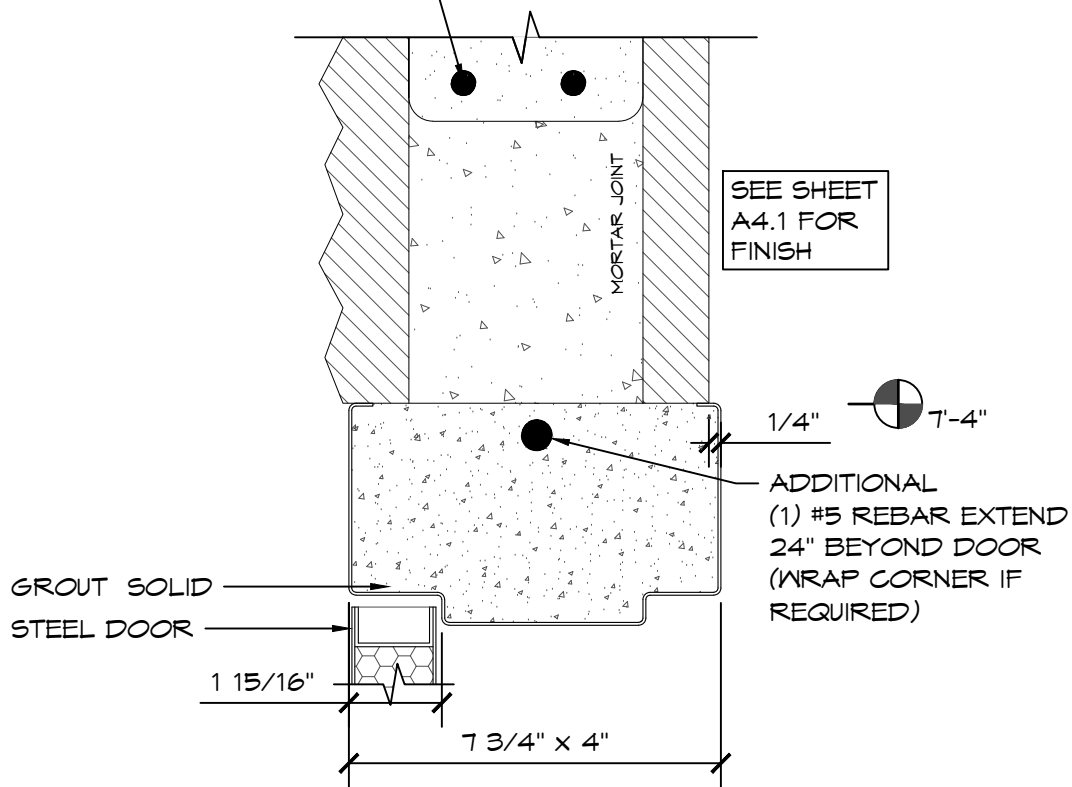
REV.	DATE:	BY:

REVISIONS:

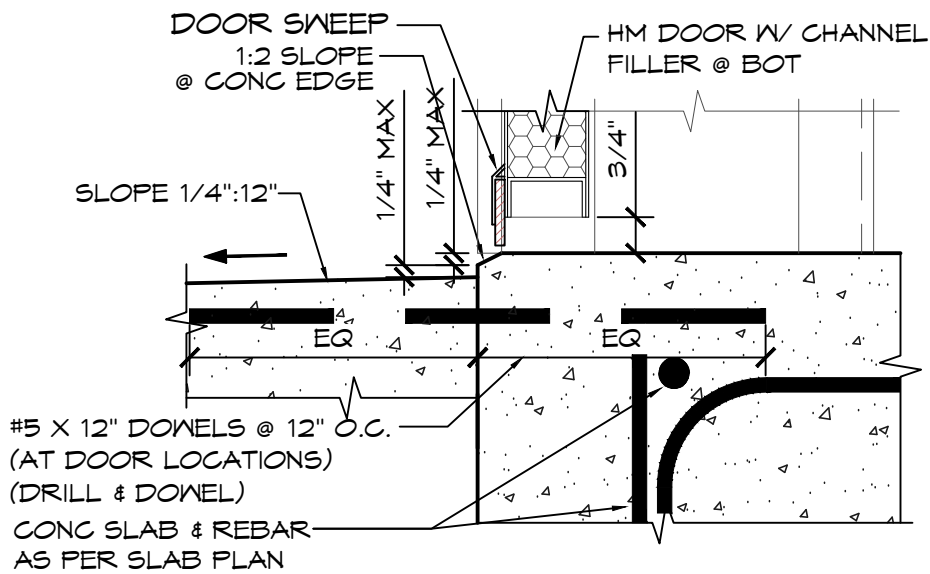
A5.1

SHEET NO.

REBAR IN BOND BEAM
AS PER DETAIL 1/S8.2
EXTEND FULL WALL LENGTH

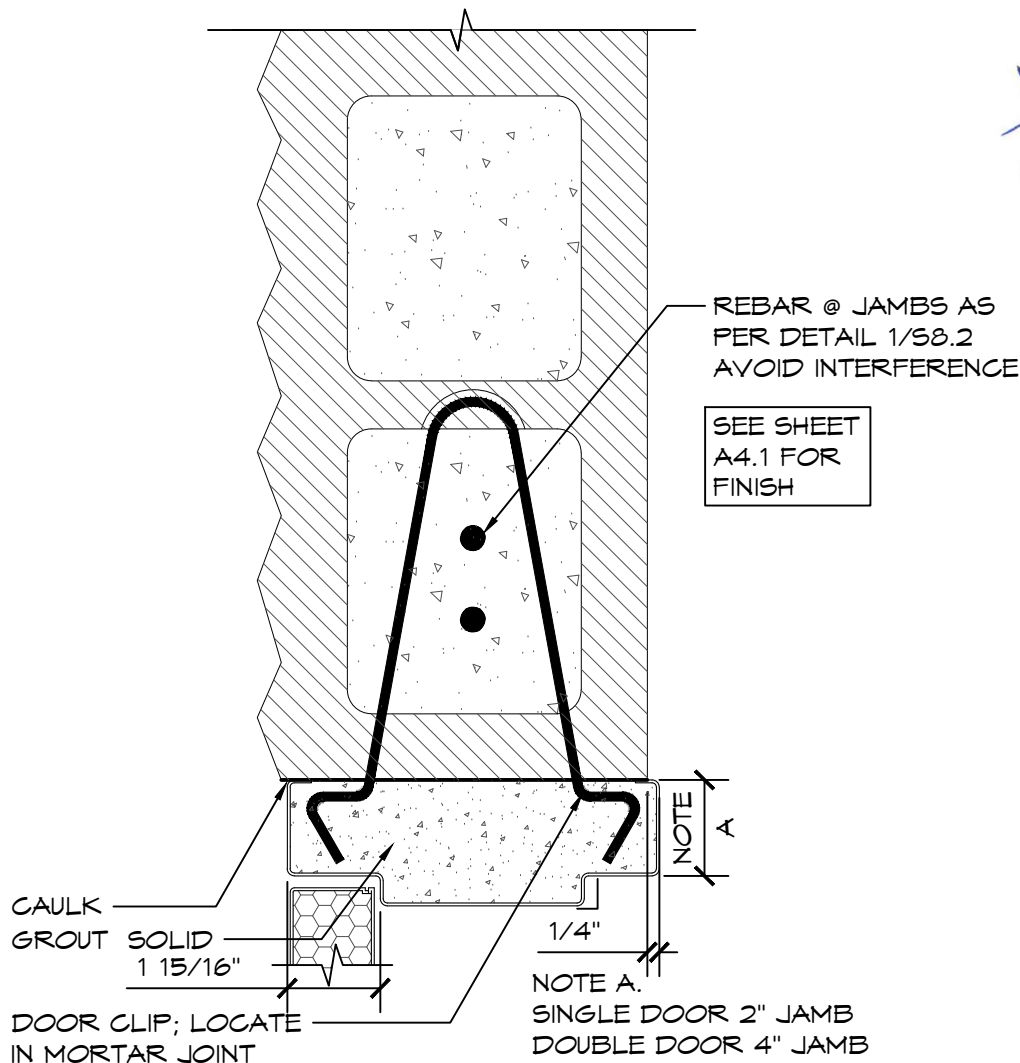


1 HEADER DETAILS
SCALE: 3" = 1'-0"



3 THRESHOLD DETAIL
SCALE: 3" = 1'-0"

FOR ADDITIONAL SIDING
& WALL FINISH DETAILS
REFER TO SHEET A4.2



2 JAMB DETAIL
SCALE: 3" = 1'-0"

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PROJECT: DISTRICT WIDE FLUSH WASHROOMS 25-26
SHEET TITLE: NAPERVILLE, ILLINOIS
DOOR DETAILS

PROJECT #: DWFO3
DATE: 09/09/2025
DRAWN BY: ZW
REV. DATE BY:
REVISIONS:

SHEET NO. A5.2

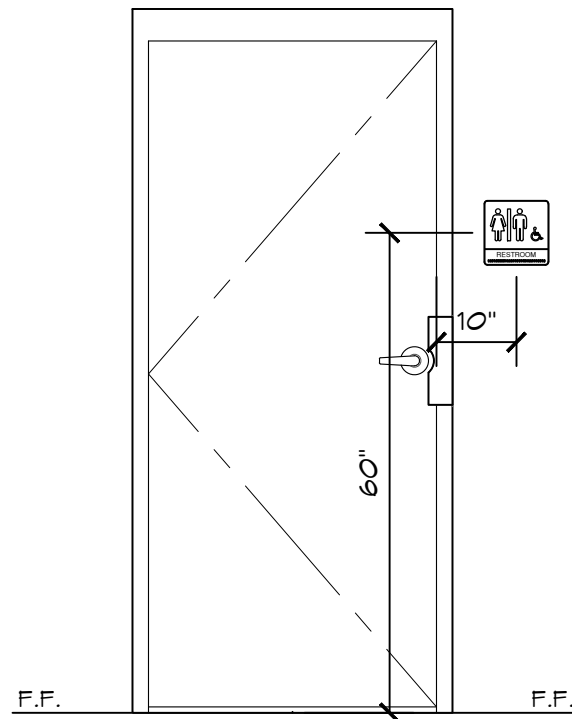
7/09/2026



Exp. 11/30/2026

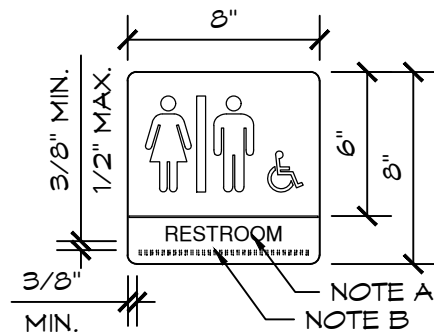


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1 ADA SIGN ELEVATIONS

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



2 ADA SIGNS DETAIL

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

NOTES:

A) CHARACTERS ON SIGNS SHALL BE RAISED 1/32" INCH MINIMUM AND SHALL BE 'SANS SERIF' UPPERCASE CHARACTERS ACCOMPANIED BY GRADE II BRAILLE (WHERE REQUIRED). RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8" INCH AND A MAXIMUM OF 2" INCHES HEIGHT.

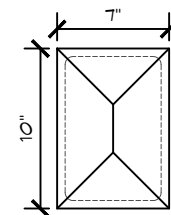
B) CONTRACTED GRADE II BRAILLE SHALL BE USED WHENEVER BRAILLE IS REQUIRED. DOTS SHALL BE 1/10" INCH ON CENTERS IN EACH CELL WITH A 2/10" INCH SPACE BETWEEN CELLS, MEASURED FROM THE SECOND COLUMN OF DOTS IN THE FIRST CELL TO THE FIRST COLUMN OF DOTS IN THE SECOND CELL. DOTS SHALL BE A RAISED A MINIMUM OF 1/40" (0.025) INCH ABOVE THE BACKGROUND.

3 WHEN A SIGN IS REQUIRED BACKING BOARD - FIELD CUT (5/4" X 4" FIBER CEMENT)

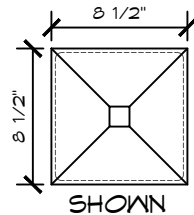
- FOR LAP OR SHAKE SIDING ONLY! FOR OTHER FINISHES SEE 2/A5.2
- ATTACH BACKING BOARD 10" o.c., FROM DOOR OPENING (LATCH SIDE)
- LOCATIONS & HEIGHT OF SIGN REQUIREMENTS PER PLANS

SCALE: 1" = 1'-0"

FOR 6"x9" SIGN



FOR 8"x8" SIGN



SIGN FASTENERS: WOOD/FIBER CEMENT/STEEL
(4) #10 3/4" PHILLIPS ROUND HEAD SCREW.

PROJECT:

PROJECT #: DWFO3

DATE: 09/09/2025

DRAWN BY: ZW

REV.	DATE:	BY:

REVISIONS:

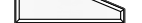
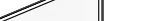
SHEET NO. A5.3

DISTRICT WIDE FLUSH WASHROOMS 25-26
NAPERVILLE, ILLINOIS

SIGN DETAILS

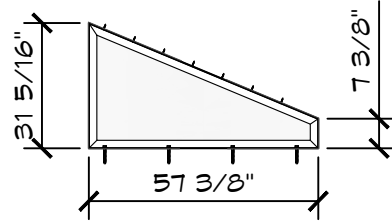
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VENT AND OR WINDOW SCHEDULE

NO	DIMENSIONS	PITCH	INSERT	ROMTEC PRODUCTION #	DIRECTION PER PRODUCTION	FASTENERS			REFERENCE / DETAILS
						SILL	TOP	HYP	
1	57 3/8"x31 5/16"x7 3/8"	5:12	POLYCARBONATE	XW-050-1001		4	-	7	SEE SHEET A6.2
2	57 3/8"x31 5/16"x7 3/8"	5:12	POLYCARBONATE	XW-050-1001		4	-	7	SEE SHEET A6.2
3	57 3/8"x31 5/16"x7 3/8"	5:12	POLYCARBONATE	XW-050-1001		4	-	7	SEE SHEET A6.2
4	57 3/8"x31 5/16"x7 3/8"	5:12	POLYCARBONATE	XW-050-1001		4	-	7	SEE SHEET A6.2

[illegible]

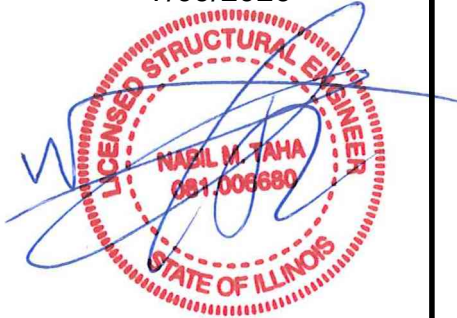
SILL	1/2" x 4"	TITEN HD SCREW (ICC-ES ESR-1056)
HYP	#12 x 1 1/2"	WOOD SCREW



VIEW FROM EXTERIOR

NOTE: DURING THE CONSTRUCTION PROCESS IT IS COMMON FOR SMALL GAPS TO APPEAR IN ANY NUMBER OF PLACES. ROMTEC DOES NOT PROVIDE CAULK OR ANY OTHER MATERIAL TO FILL THESE SMALL GAPS UNLESS IT IS SPECIFIED IN OUR SUBMITTAL

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PROJECT:

DISTRICT WIDE FLUSH WASHROOMS 25-26
NAPERVILLE, ILLINOIS

SHEET TITLE:

VENT/WINDOW SCHEDULE

PROJECT #: DWFO3

DATE: 09/09/202

DRAWN BY: ZW

[illegible]

REVISIONS:

A6.1

SHEET NO.

7/09/2026

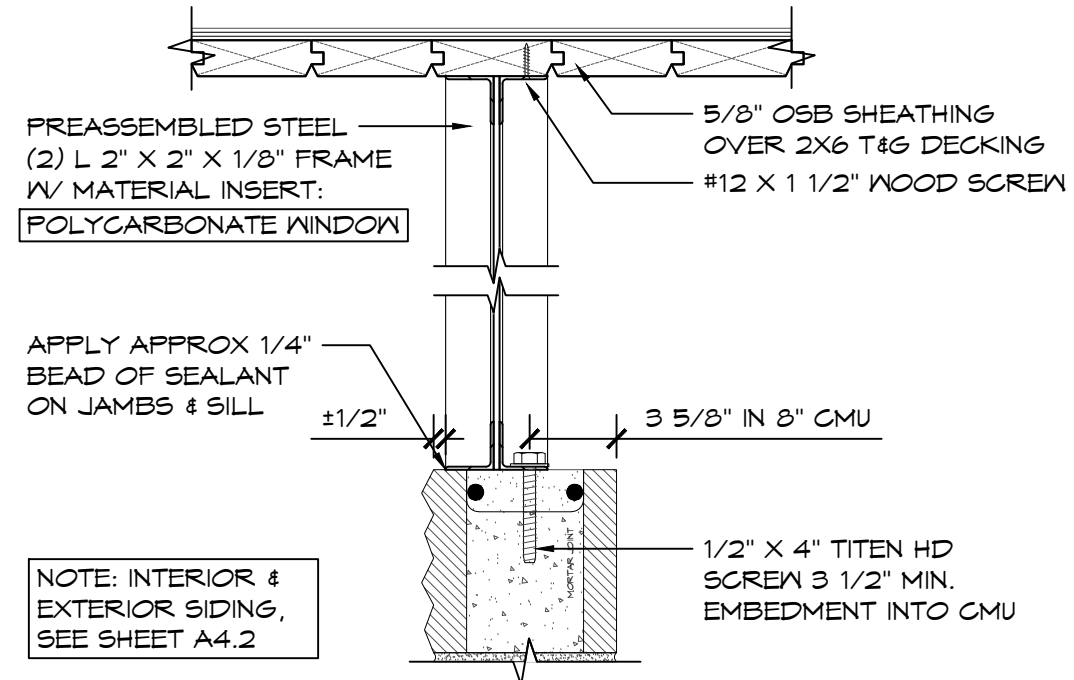


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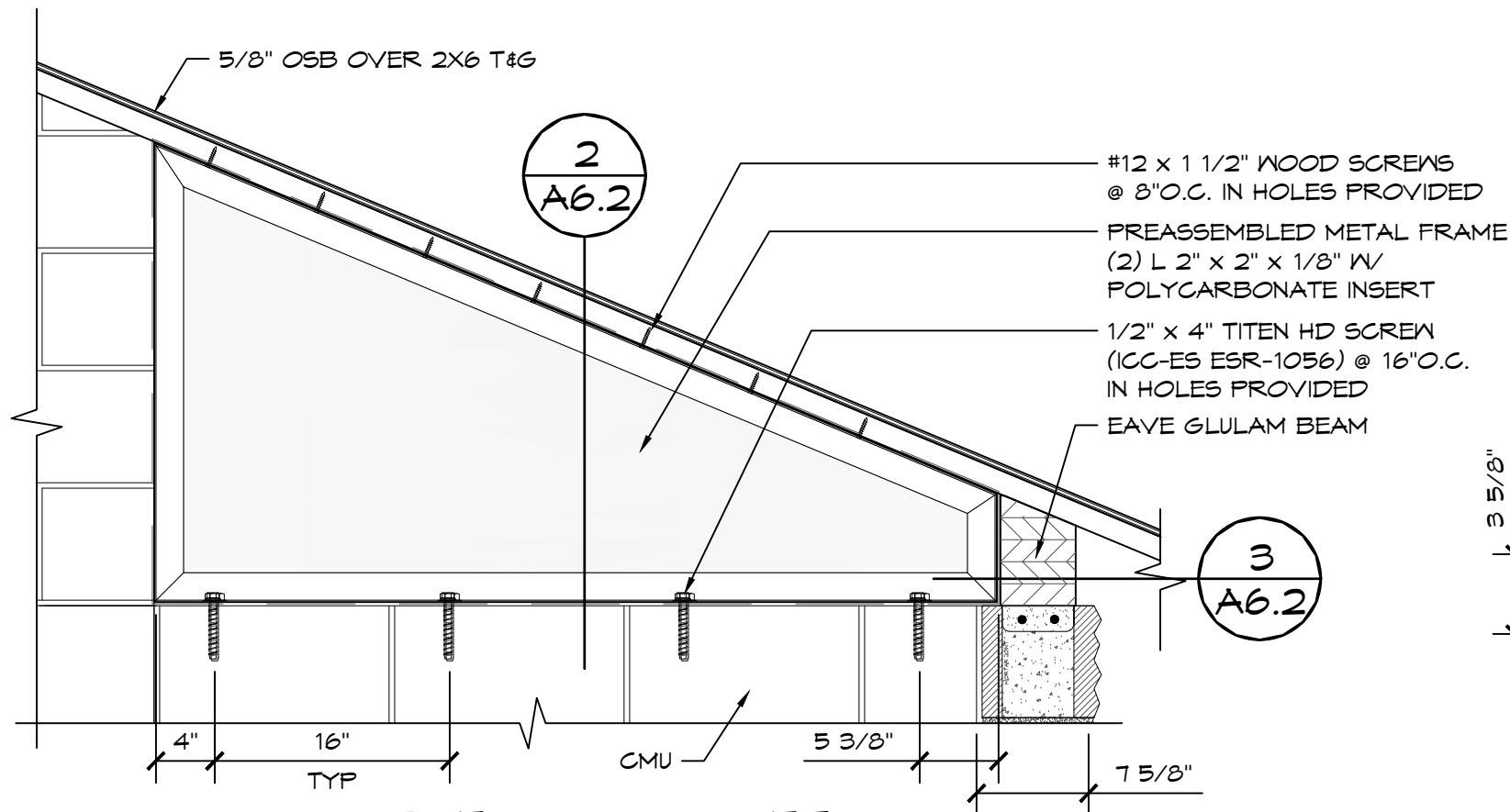
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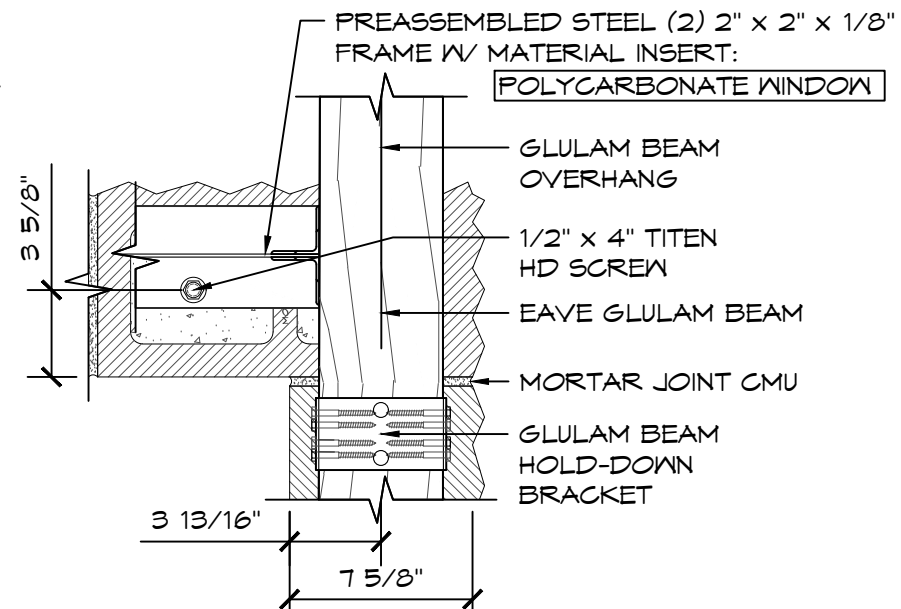


NOTE: INTERIOR & EXTERIOR SIDING, SEE SHEET A4.2

2 SECTION VIEW (SIDE)
SCALE: 1 1/2" = 1'-0"



1 GABLE WINDOW DETAIL
SCALE: 1" = 1'-0"



3 SECTION VIEW (TOP)
SCALE: 1 1/2" = 1'-0"

PROJECT: DISTRICT WIDE FLUSH WASHROOMS 25-26
NAPERVILLE, ILLINOIS
SHEET TITLE: VENT/WINDOW DETAILS

PROJECT #: DWFO3
DATE: 09/09/2025
DRAWN BY: ZW
REV. DATE: BY:

REVISIONS:

SHEET NO. **A6.2**

FILLER WALL SCHEDULE																	
NO	DIMENSIONS	PITCH	FINISH	FRAMING	ROMTEC PRODUCTION #	DIRECTION PER PRODUCTION	FASTENERS			REFERENCE / DETAILS							
							SIL	TOP	HYP								
1	57 3/8" x 31 5/16" x 7 3/8"	5:12	T&G - T&G	2" X 6"	WF-050-1007		3	-	4	SEE PAGE A6.5							
2	57 3/8" x 31 5/16" x 7 3/8"	5:12	T&G - T&G	2" X 6"	WF-050-1007		3	-	4	SEE PAGE A6.5							
HARDWARE (QUANTITY PER SCHEDULE)				 ROMTEC WF-050-1007 T&G/T&G													
HYP	#12 X 3"	WOOD SCREW															
SILL	1/2" X 5"	TITEN HD SCREW															

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NOTE: DURING THE CONSTRUCTION PROCESS IT IS COMMON FOR SMALL GAPS TO APPEAR IN ANY NUMBER OF PLACES. ROMTEC DOES NOT PROVIDE CAULK OR ANY OTHER MATERIAL TO FILL THESE SMALL GAPS UNLESS IT IS SPECIFIED IN OUR SUBMITTAL

PROJECT:

DISTRICT WIDE FLUSH WASHROOMS 25-26

SHEET TITLE:

NAPERVILLE, ILLINOIS

FILLER WALL DETAILS

PROJECT #:

DWFO3

DATE:

09/09/2025

DRAWN BY:

ZW

REV.

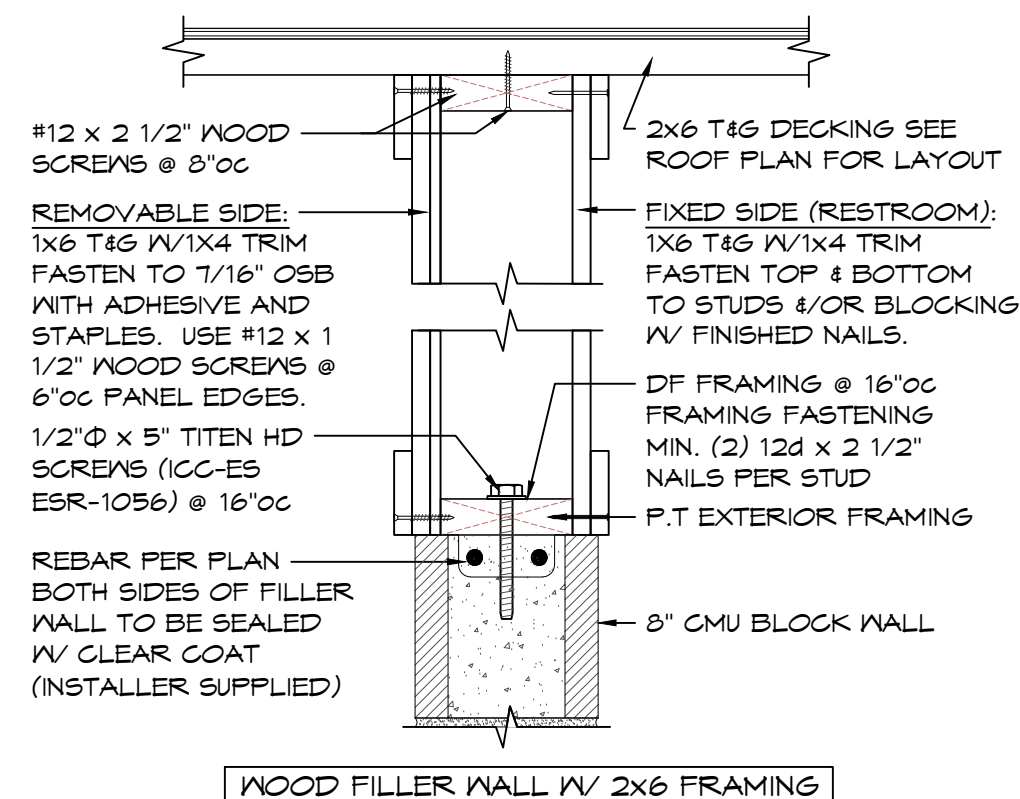
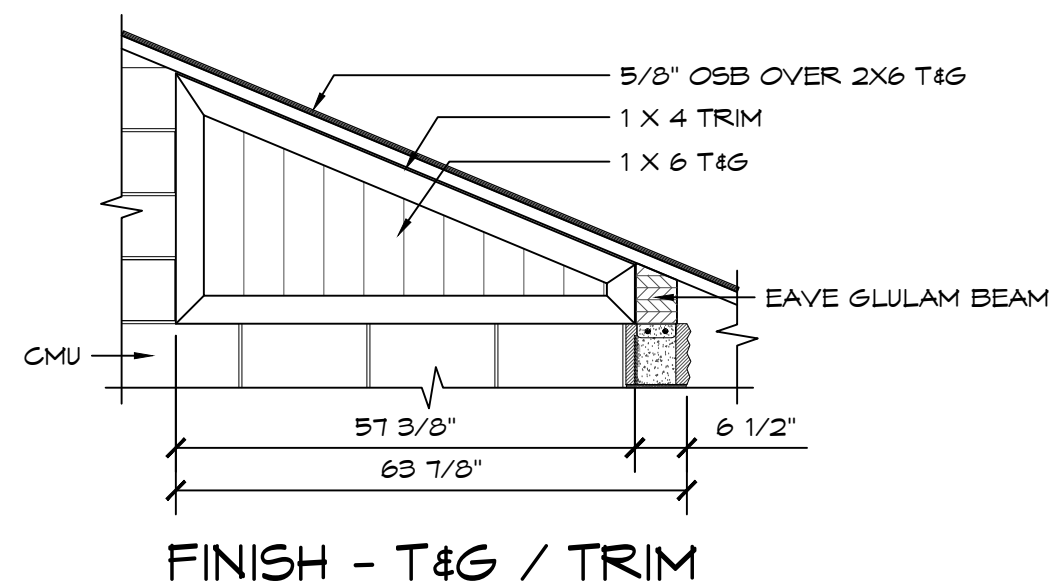
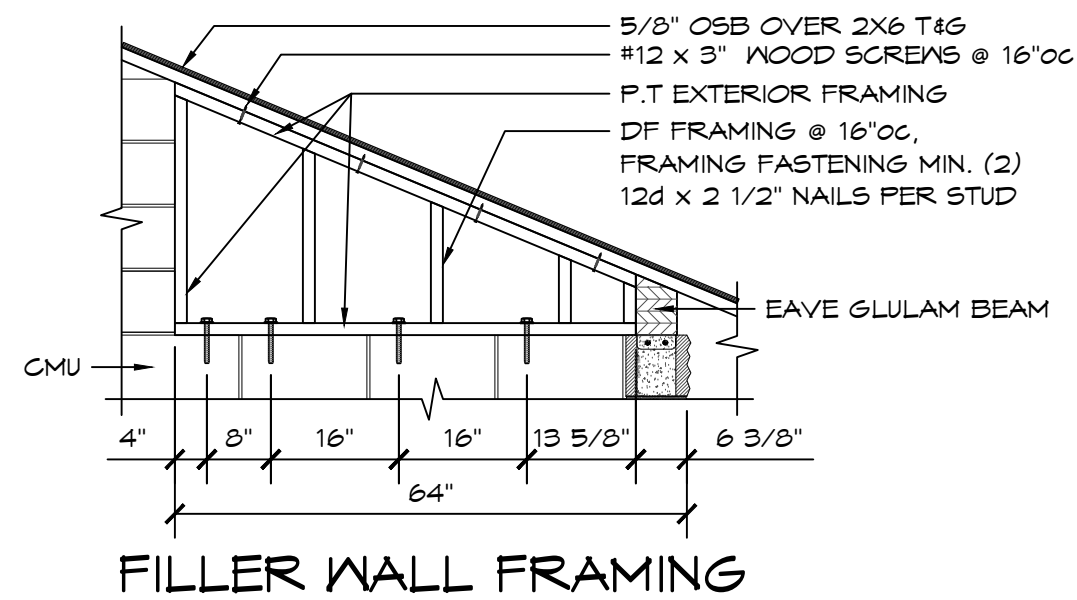
DATE:

BY:

REVISIONS:

SHEET NO.

A6.3



2 WOOD FILLER WALL SECTION
SCALE: 1 1/2" = 1'-0"

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PROJECT: DISTRICT WIDE FLUSH WASHROOMS 25-26
 SHEET TITLE: NAPERVILLE, ILLINOIS
 FILLER WALL DETAILS

PROJECT #: DWFO3
 DATE: 09/09/2025
 DRAWN BY: ZW
 REV. DATE BY:
 REVISIONS:

SHEET NO. A6.4

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DISTRICT WIDE FLUSH WASHROOMS 25-26
NAPERVILLE, ILLINOIS

FOUNDATION PLAN

PROJECT:

PROJECT #: DWFO3

DATE: 09/09/2025

DRAWN BY: ZW

REV.	DATE:	BY:
1	6-22-2026	ZW

REVISIONS:

SHEET NO.

S7.1

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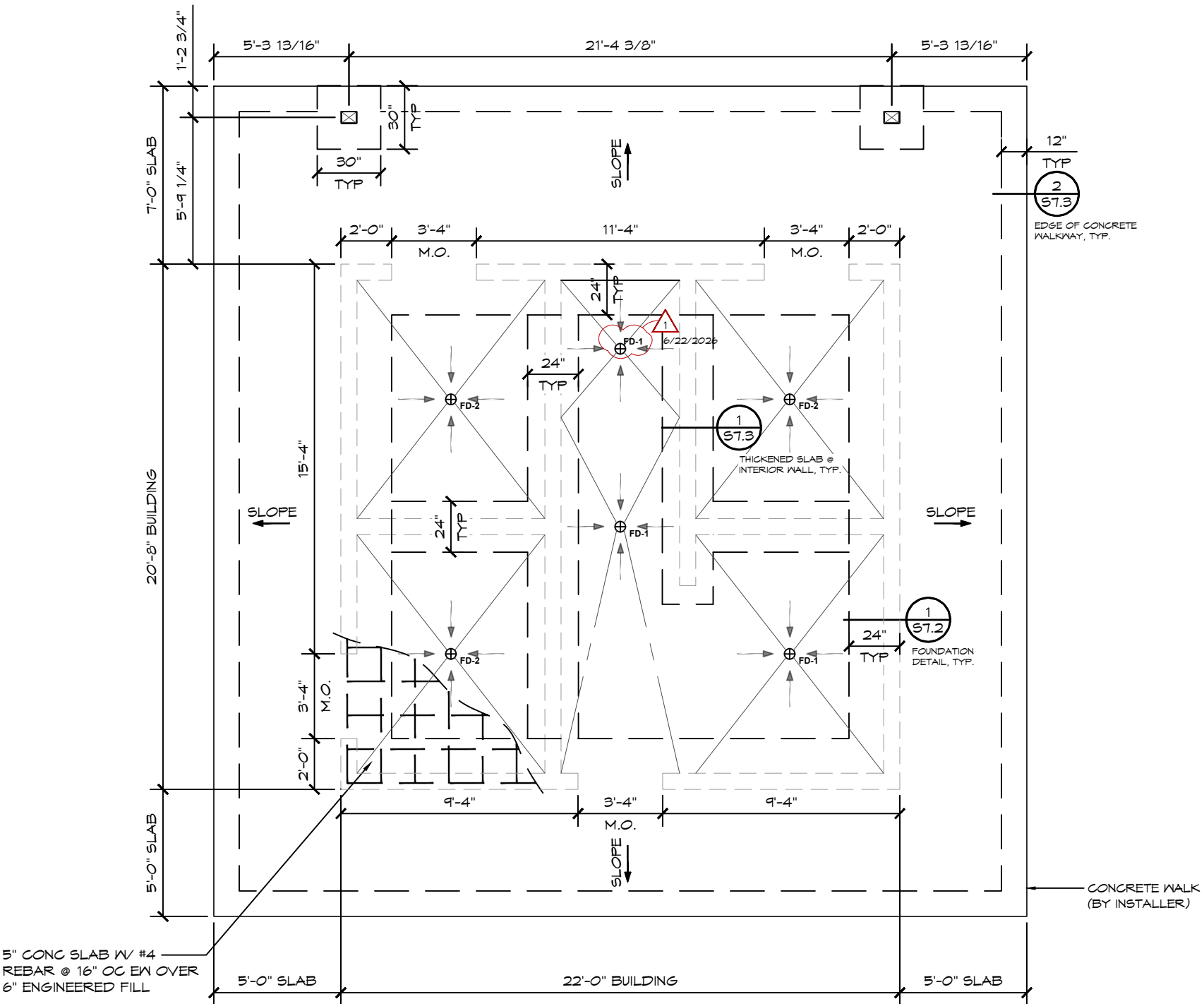
THE CONTRACTOR SHALL READ AND FOLLOW ALL RECOMMENDATIONS IN THE GEOTECHNICAL REPORT PREPARED BY TESTING SERVICES CORPORATION, REPORT # L-98,471, DATED MARCH 17, 2025

RECYCLE

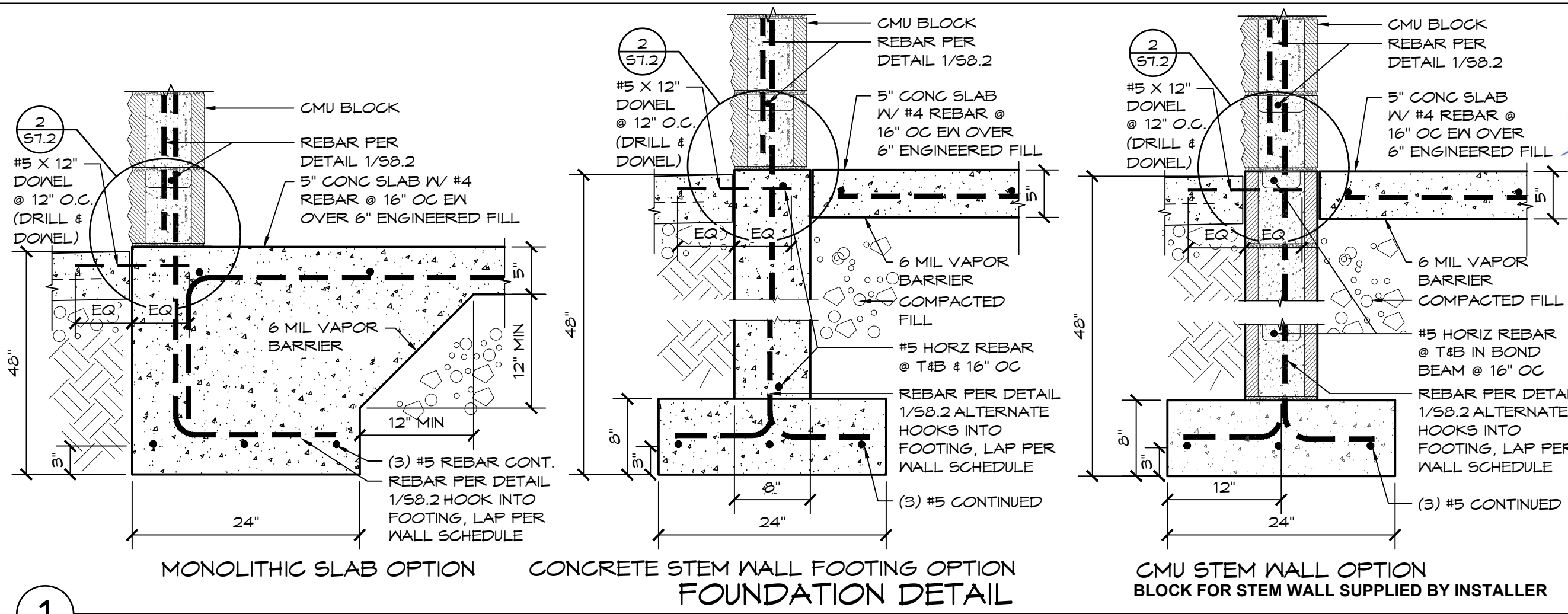
RECYCLE ALL USED SHIPPING MATERIALS AND LEFT OVER BUILDING MATERIALS

FOUNDATION NOTES:

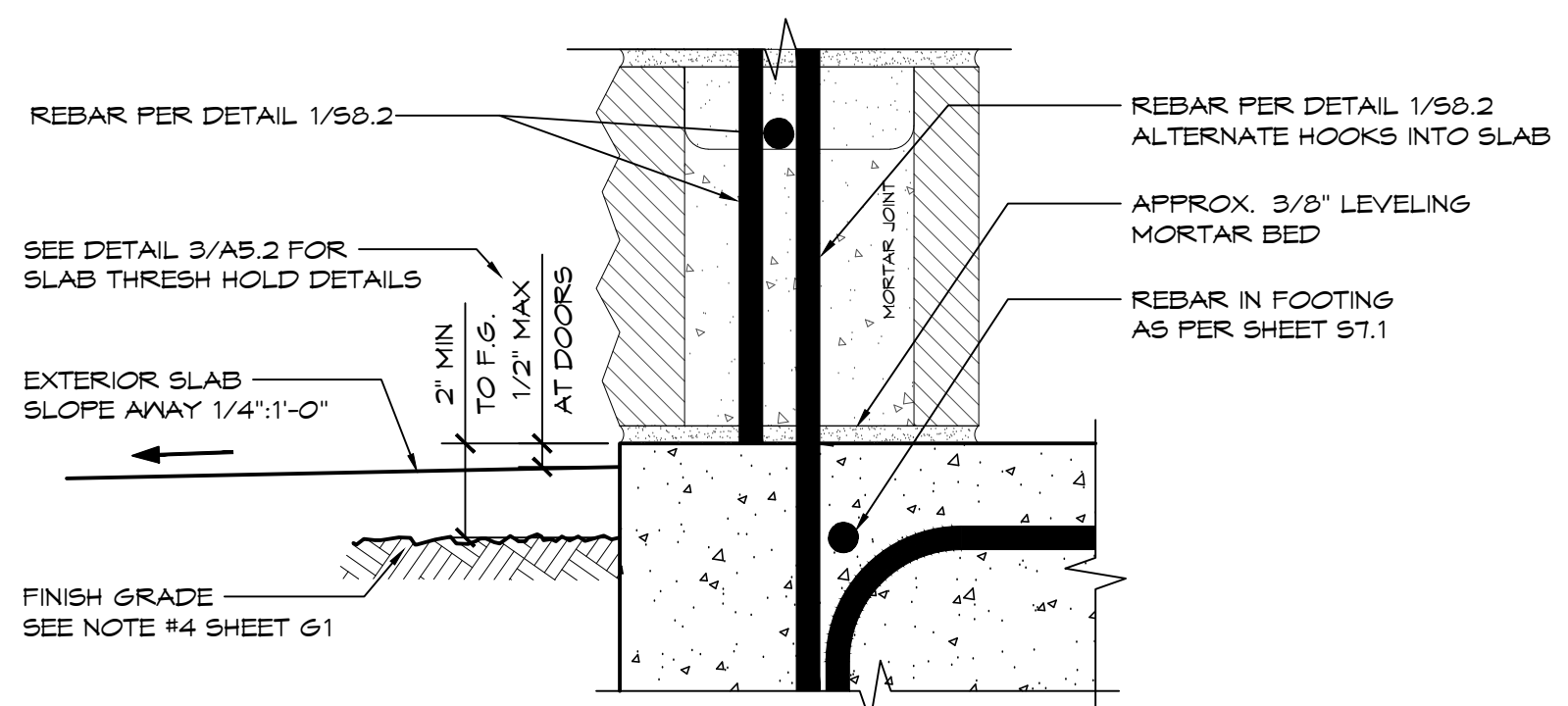
1. FINISH FLOOR SLOPE IS 2% (1/4" PER FT) MAX & 1% (1/8" PER FT) MIN
2. VERIFY SIDEWALKS W/ OWNER
3. PROVIDE BLOCK-OUTS FOR PLUMBING, MECHANICAL, & ELECTRICAL AS REQD. CO-ORDINATE W/ SUBS.
4. REBAR MIN. BEND SHALL BE NOT LESS THAN 6db INSIDE DIA. AS PER TMS TMS 402-16 SECTION 6.1.8.2.
5. SAW JOINTS BY CONTRACTOR. SLAB APPEARANCE IS A PRIORITY. LOCATE JOINTS AT 10' O.C. MAX. SEE 3/S7.3.
6. MAXIMUM SLOPE OF EXCAVATION MAY BE LIMITED BY LOCAL SOIL CONDITIONS. INCREASE DEPTH OF FORMED CONCRETE AS REQD.
7. CONCRETE SLAB BENEATH FLOOR MOUNTED FIXTURES ARE TO BE GROUTED LEVEL AND SMOOTH.
8. UNDER FOOTINGS: UNDISTURBED NATIVE SOIL OR 12" FILL COMPACTED TO 90% ASTM D 1557 TO MEET OR EXCEED ALLOWABLE BEAR PRESSURE ON SHEET G2. UNDER SLAB: 6" FILL COMPACTED TO 90% ASTM D 1557 TO MEET OR EXCEED ALLOWABLE BEAR PRESSURE ON SHEET G2.



1 FOUNDATION PLAN
SCALE: 3/16" = 1'-0"
A B C D



1



2 WALL-SLAB CONNECTION - MONO

SCALE: 3" = 1'-0"

7/09/2026

LICENSED STRUCTURAL ENGINEER

NABIL M. TAHA
081.006680

STATE OF ILLINOIS

Exp. 11/30/2026

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DISTRICT WIDE FLUSH WASHROOMS 25-26

NAPERVILLE, ILLINOIS

FOUNDATION DETAILS

PROJECT: DWFO3

DATE: 09/09/2025

DRAWN BY: ZW

REVISIONS:

SHEET NO. 57.2

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DISTRICT WIDE FLUSH WASHROOMS 25-26

NAPERVILLE, ILLINOIS

FOUNDATION DETAILS

PROJECT:

PROJECT #: DWFO3

DATE: 09/09/2025

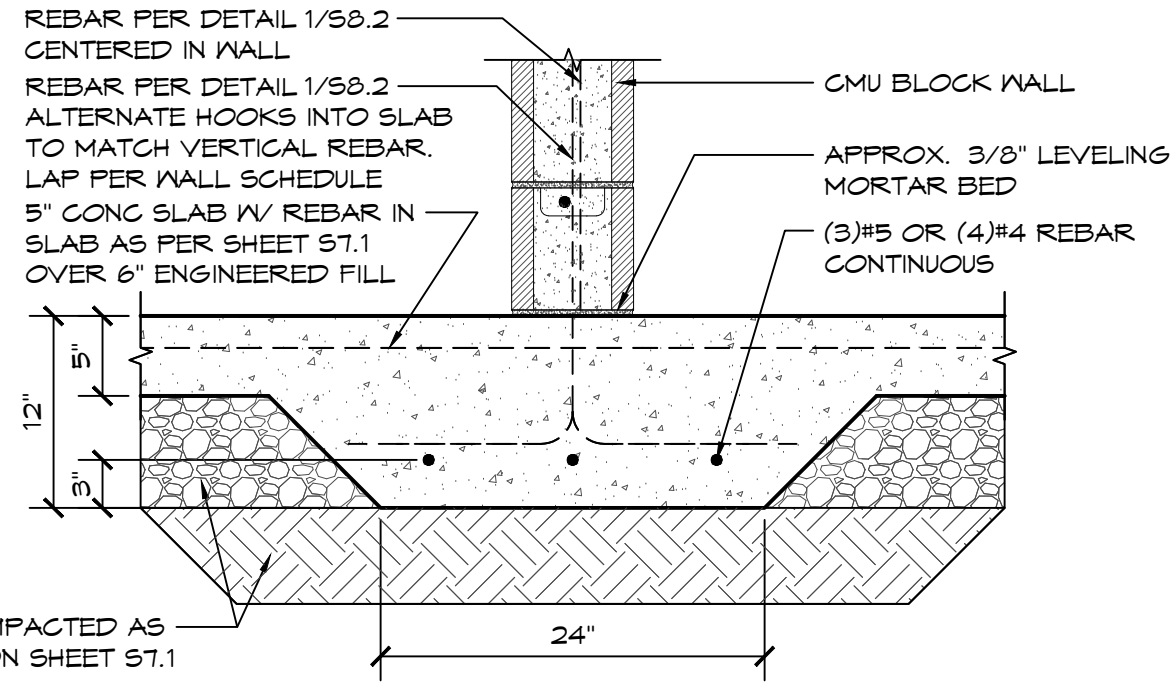
DRAWN BY: ZW

REV.	DATE:	BY:

REVISIONS:

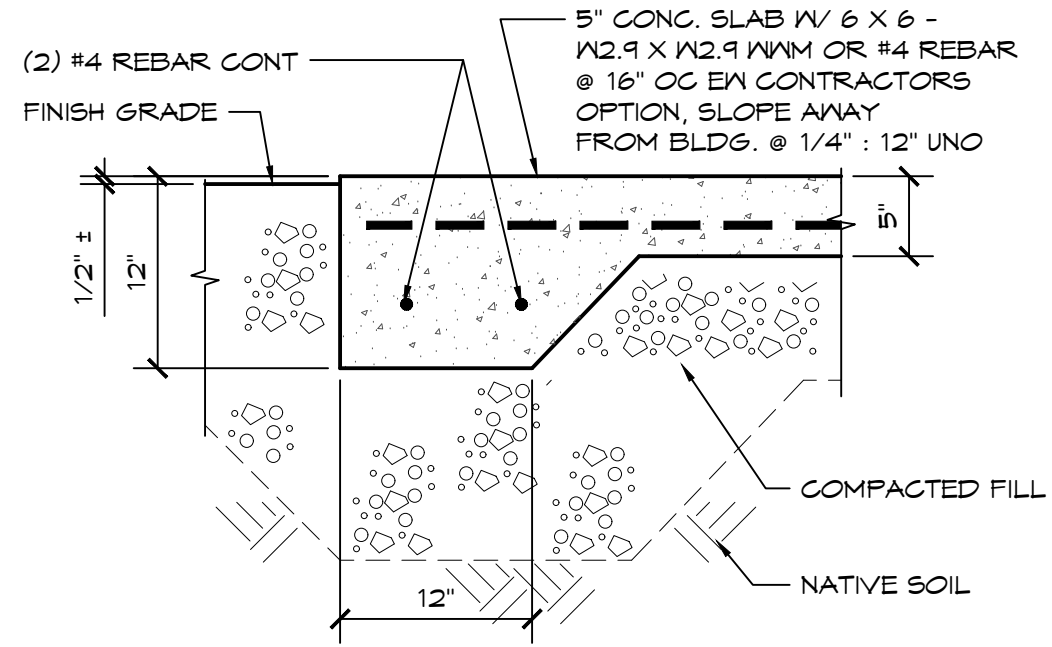
SHEET NO. **S7.3**

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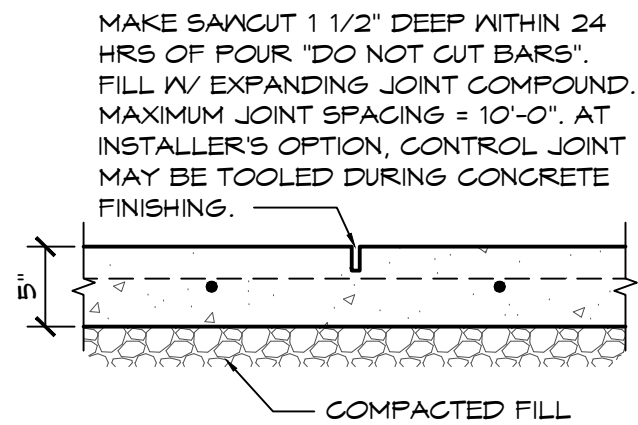


FILL COMPACTED AS NOTED ON SHEET S7.1

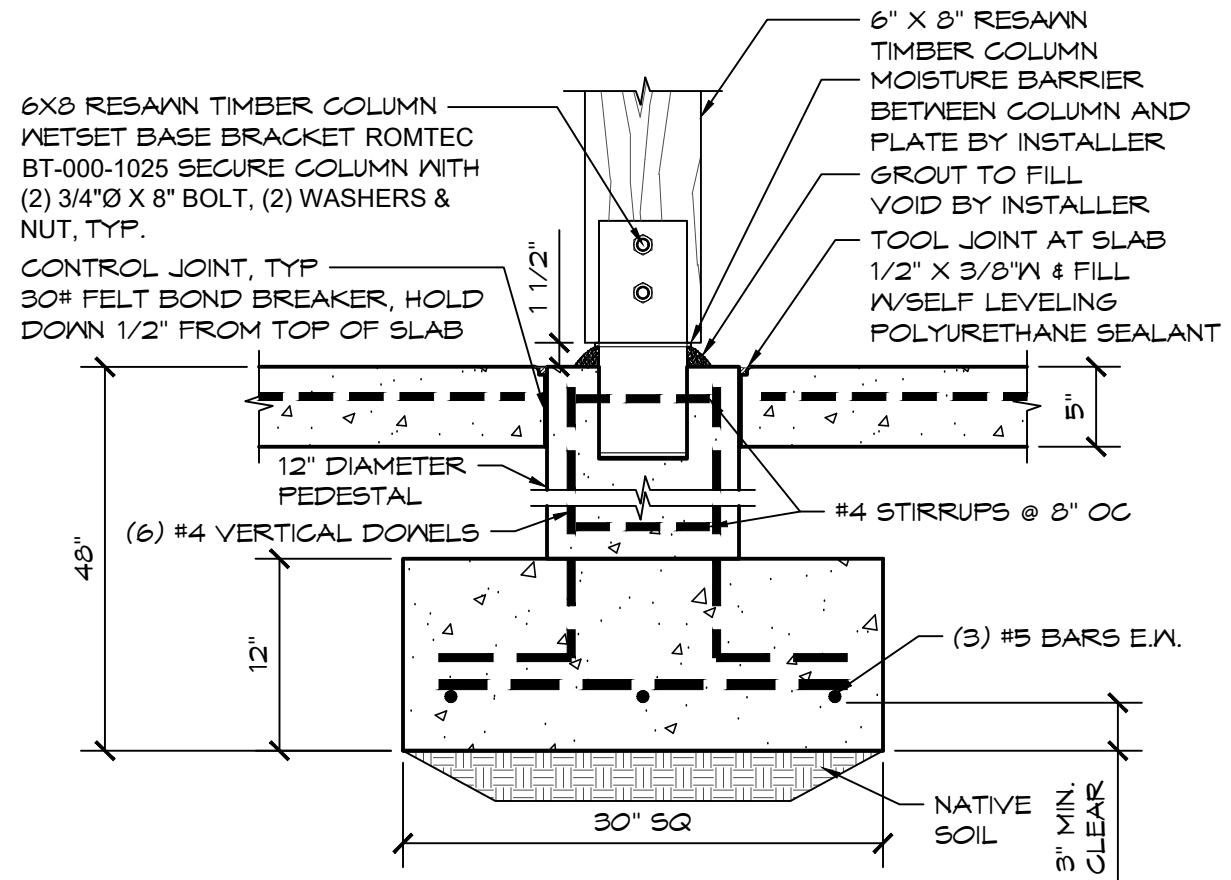
1 THICKENED SLAB AT INTERIOR WALL
SCALE: 1" = 1'-0"



2 EDGE OF CONC. WALKWAY
SCALE: 1" = 1'-0"



3 SAWCUT JOINT
SCALE: 1" = 1'-0"



4 COLUMN FOOTING DETAIL
SCALE: 1" = 1'-0"

7/09/2026



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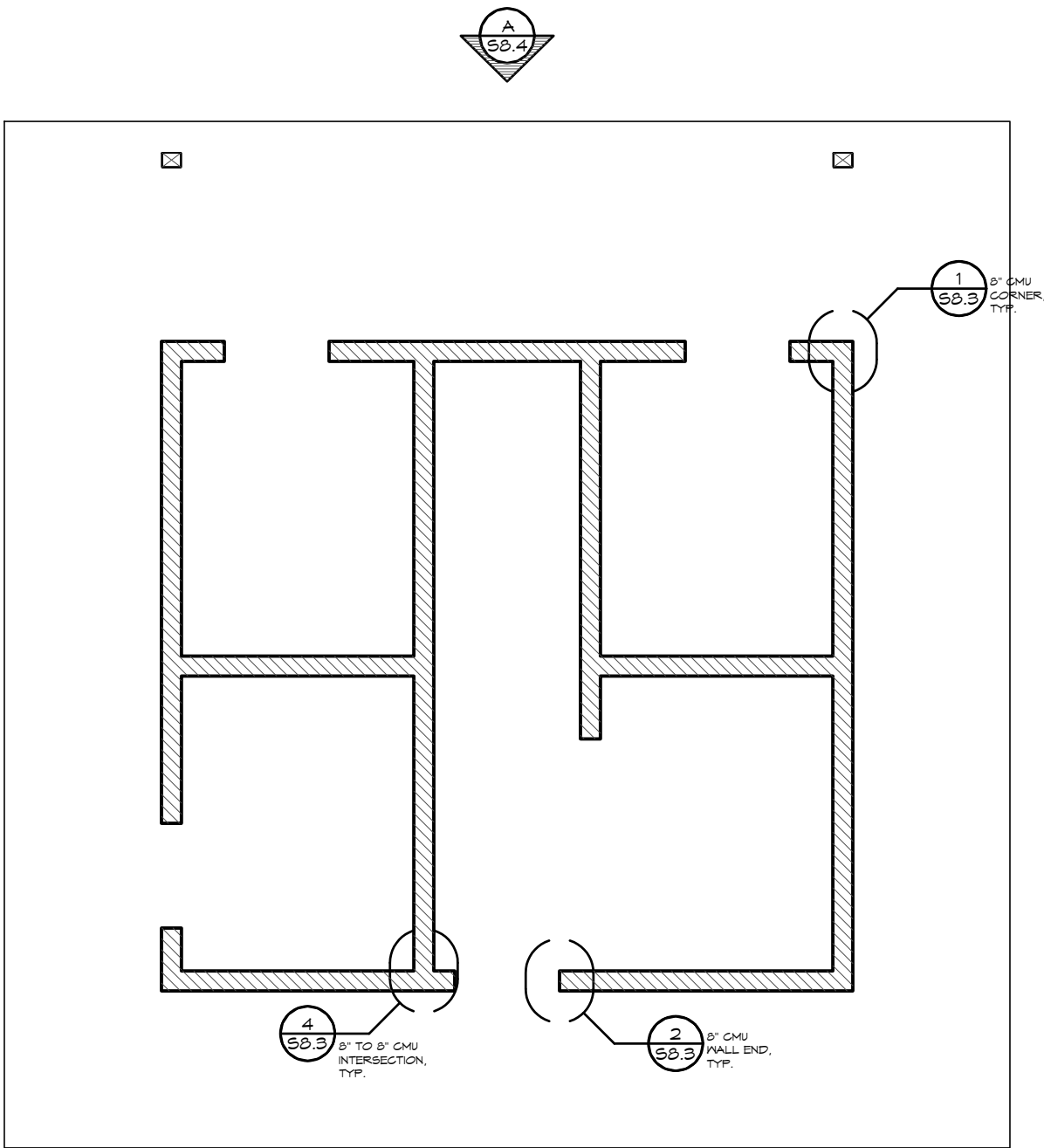
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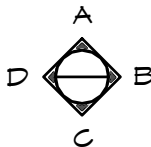
WALL TYPE SCHEDULE

8" REINFORCED CONCRETE
MASONRY BLOCK WALL WITH
MORTAR JOINTS, GROUTED SOLID
ALL CELLS RUNNING BOND PATTERN.

THE CMU BLOCK LAYOUT SHALL BE PER
THE BLOCK LAYOUT PLANS IN THE:
"FINAL"
ROMTEC SCOPE OF SUPPLY AND
DESIGN SUBMITTAL



1 STRUCTURAL CMU PLAN
SCALE: 3/16" = 1'-0"



PROJECT: DISTRICT WIDE FLUSH WASHROOMS 25-26
NAPERVILLE, ILLINOIS
SHEET TITLE: STRUCTURAL CMU PLAN

PROJECT #: DWFO3

DATE: 09/09/2025

DRAWN BY: ZW

REV.	DATE:	BY:

REVISIONS:

SHEET NO. **S8.1**

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DISTRICT WIDE FLUSH WASHROOMS 25-26

NAPERVILLE, ILLINOIS

STRUCTURAL CMU REBAR LAYOUT

PROJECT:

PROJECT #: DWFO3

DATE: 09/09/2025

DRAWN BY: ZW

REV.	DATE:	BY:

REVISIONS:

SHEET NO. 58.2

CMU REBAR SCHEDULE		
REBAR	MIN. LAP	BEND DIAMETER
#4	24"	3" MIN.
#5	30"	3-3/4" MIN.

CMU REBAR NOTES:

- BENDS: MIN. INSIDE BEND DIAMETER SHALL BE NOT LESS THAN 6d AS PER TMS 402-16 SECTION 6.1.8.2
- SPLICES: LAP SPLICES ARE PERMITTED AS PER TMS 402-16 SECTION 6.1.6.1.1

PIPES INSTALLED THROUGH CMU WALL NOTES:

- SUPPLY: THE FIXTURE SUPPLY LINE SHOULD BE BORED A 1/2" LARGER THAN REQUIRED LINE SIZE AND THE PORTION OF PIPE LOCATED IN CMU WALL SHALL BE WRAPPED WITH 10MIL BLACK TAPE
- WASTE PIPE: THE FIXTURE WASTE LINE SHOULD BE BORED A 1/2" LARGER THAN REQUIRED LINE SIZE.

(2) # 5 REBAR @ TOP COURSE

(1) ADDITIONAL 8'-0" # 5 REBAR EXTEND 24" BEYOND DOOR OPENINGS

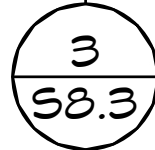
VERTICAL # 4 REBAR @ 32 "oc
HORIZONTAL # 4 REBAR @ 32 "oc
4 REBAR EACH SIDE OF OPENINGS

CMU CORNER
DETAIL

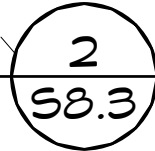


NOT SHOWN: (2) # 4 REBAR ABOVE & BELOW MAJOR OPENINGS EXTEND 24" BEYOND OPENINGS (>2'-0" WIDE EXCEPT DOOR OPENINGS)

NOTE: HORIZONTAL REBAR TO GO AROUND VERTICAL REINFORCEMENT WITH STANDARD BEND AT ALL CORNERS, AND HORZ REBAR TO BEND UP OR DOWN AND LAP VERTICAL REBAR AT ALL OPENING LOCATIONS AS PER DETAILS ON S8.3



TYP. REBAR
PLACEMENT DETAIL



CMU END
WALL DETAIL

1ST COURSE
HORIZONTAL
REBAR BEND UP

F.F.

1

CMU REBAR LAYOUT DETAIL

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

7/09/2026



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DISTRICT WIDE FLUSH WASHROOMS 25-26

NAPERVILLE, ILLINOIS

STRUCTURAL CMU DETAILS

PROJECT:

PROJECT #: DWFO3

DATE: 09/09/2025

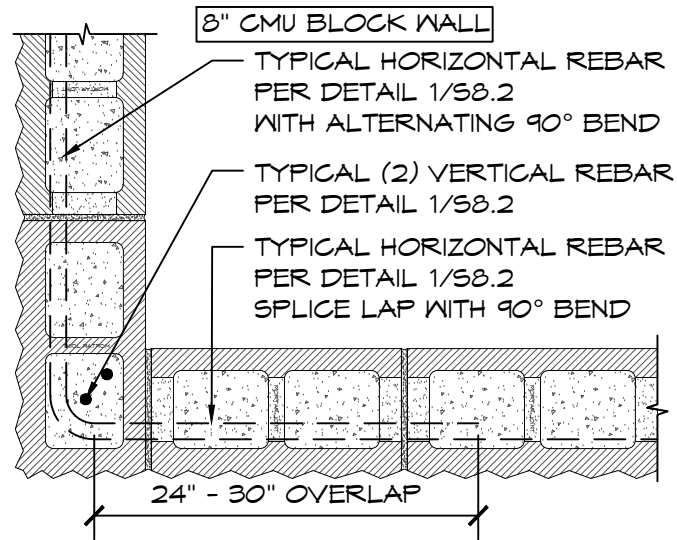
DRAWN BY: ZW

REV.	DATE:	BY:

REVISIONS:

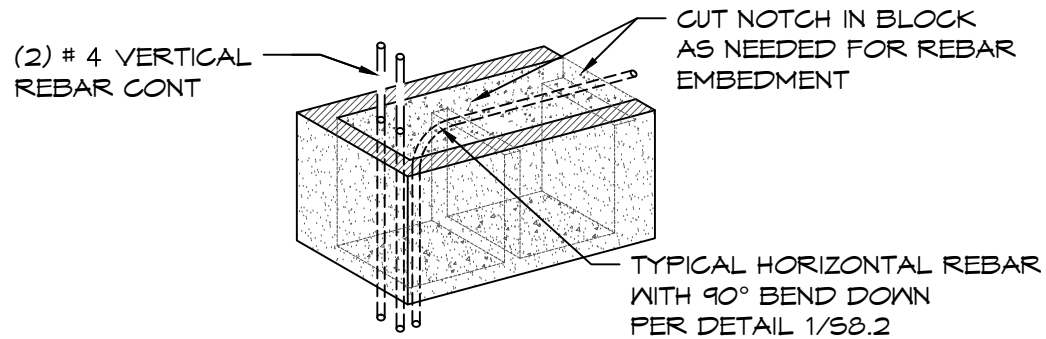
SHEET NO. 58.3

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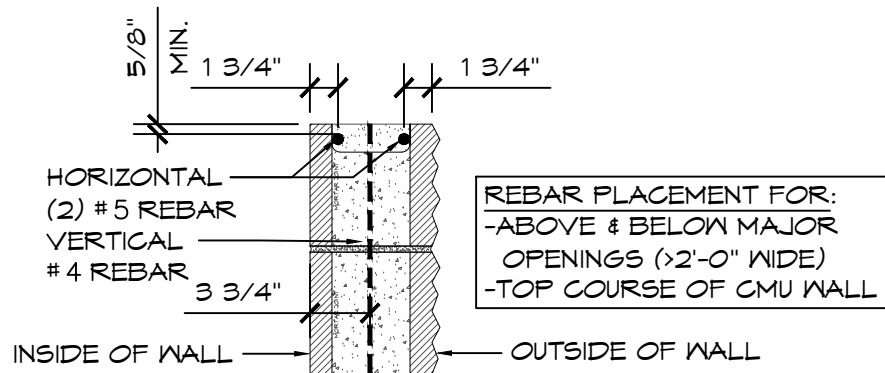
1 MORTAR JOINT CMU CORNER DETAIL

SCALE: 1" = 1'-0"



2 MORTAR JOINT CMU WALL END DETAIL

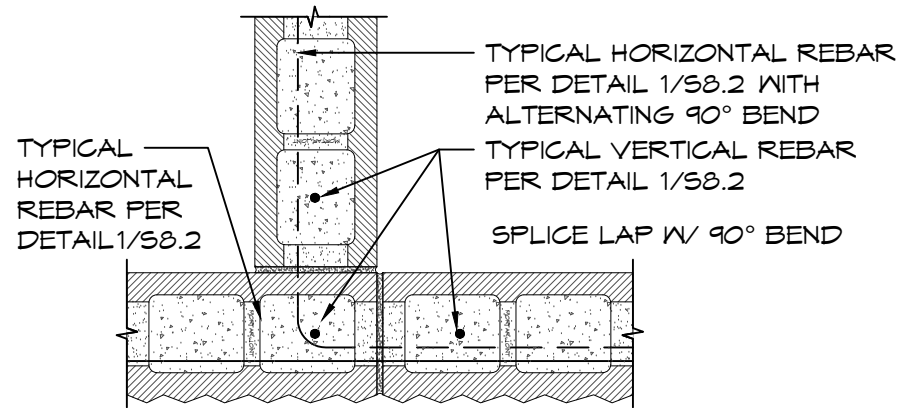
SCALE: 1" = 1'-0"



NOTE: REBAR INSTALLED AS PER
TMS 602-13/ACI 530.1-13/ASCE 6-13

3 8" CMU REBAR PLACEMENT

SCALE: 1" = 1'-0"



4 8" TO 8" MORTAR JOINT CMU INTERSECTION DETAIL

SCALE: 1" = 1'-0"

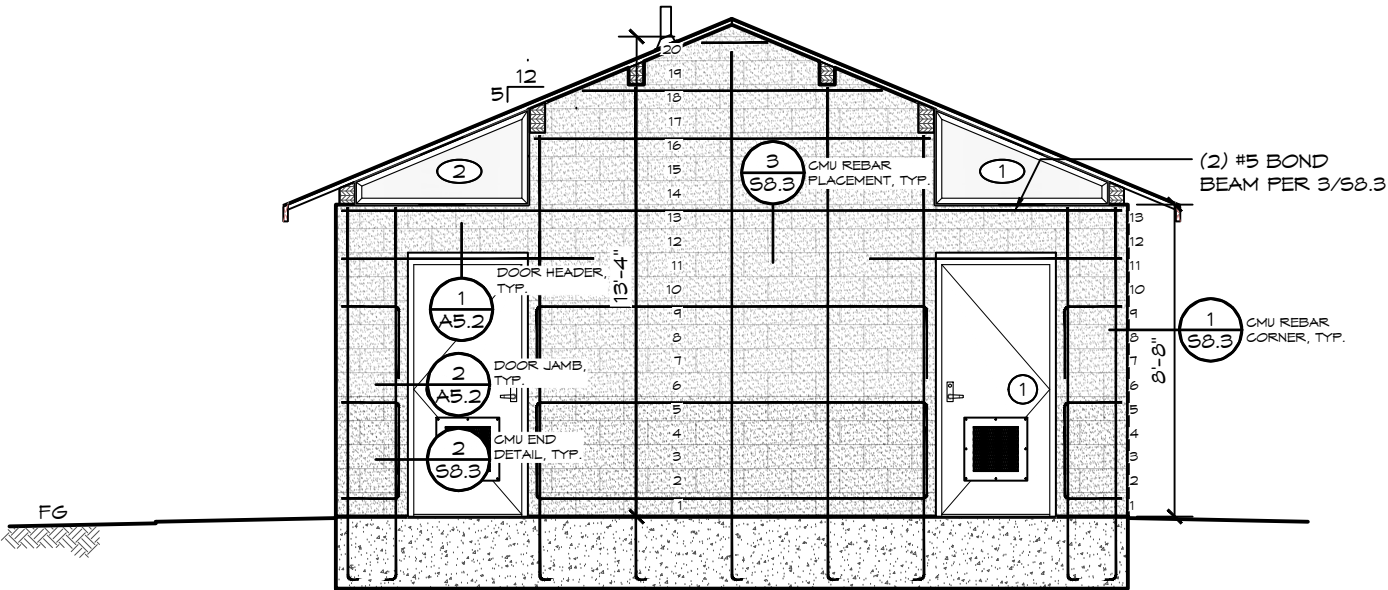
7/09/2026



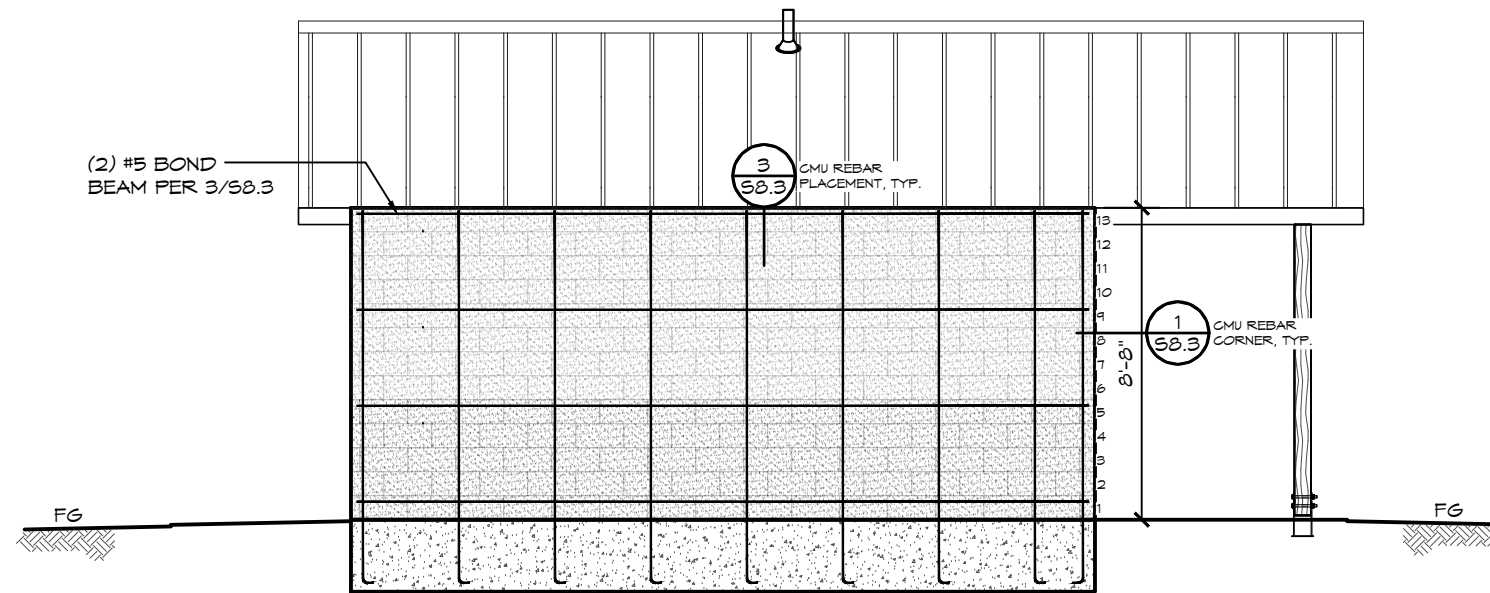
Exp. 11/30/2026

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A CMU ELEVATION VIEW
SCALE: 3/16" = 1'-0"



B CMU ELEVATION VIEW
SCALE: 3/16" = 1'-0"

PROJECT: DISTRICT WIDE FLUSH WASHROOMS 25-26
NAPERVILLE, ILLINOIS
SHEET TITLE: STRUCTURAL CMU ELEVATION VIEWS

PROJECT #: DWFO3
DATE: 09/09/2025
DRAWN BY: ZW

REV.	DATE:	BY:

REVISIONS:

SHEET NO. **S8.4**

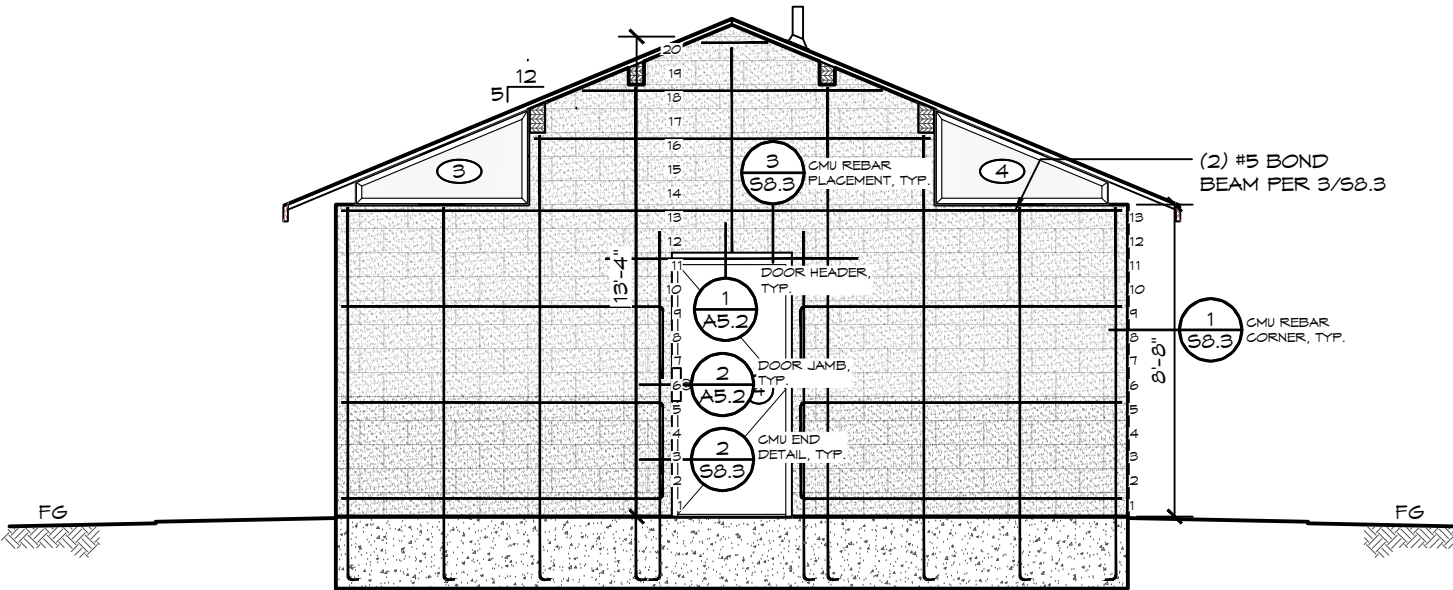
7/09/2026



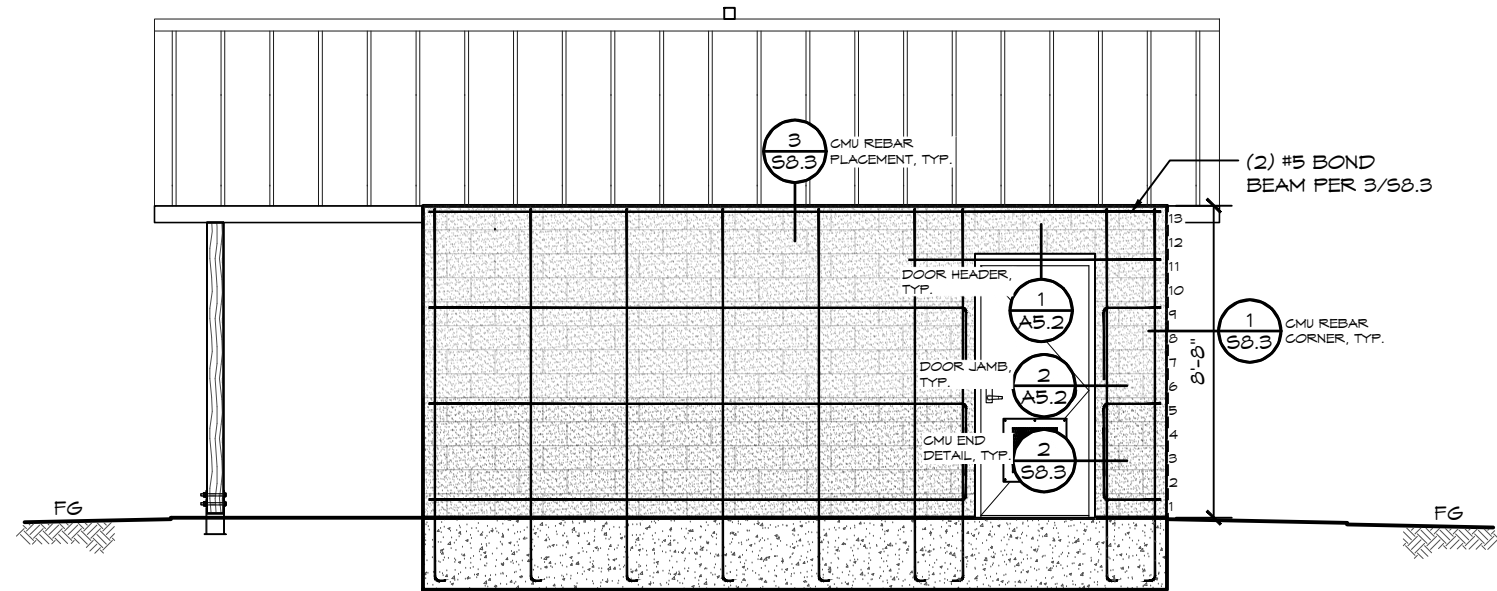
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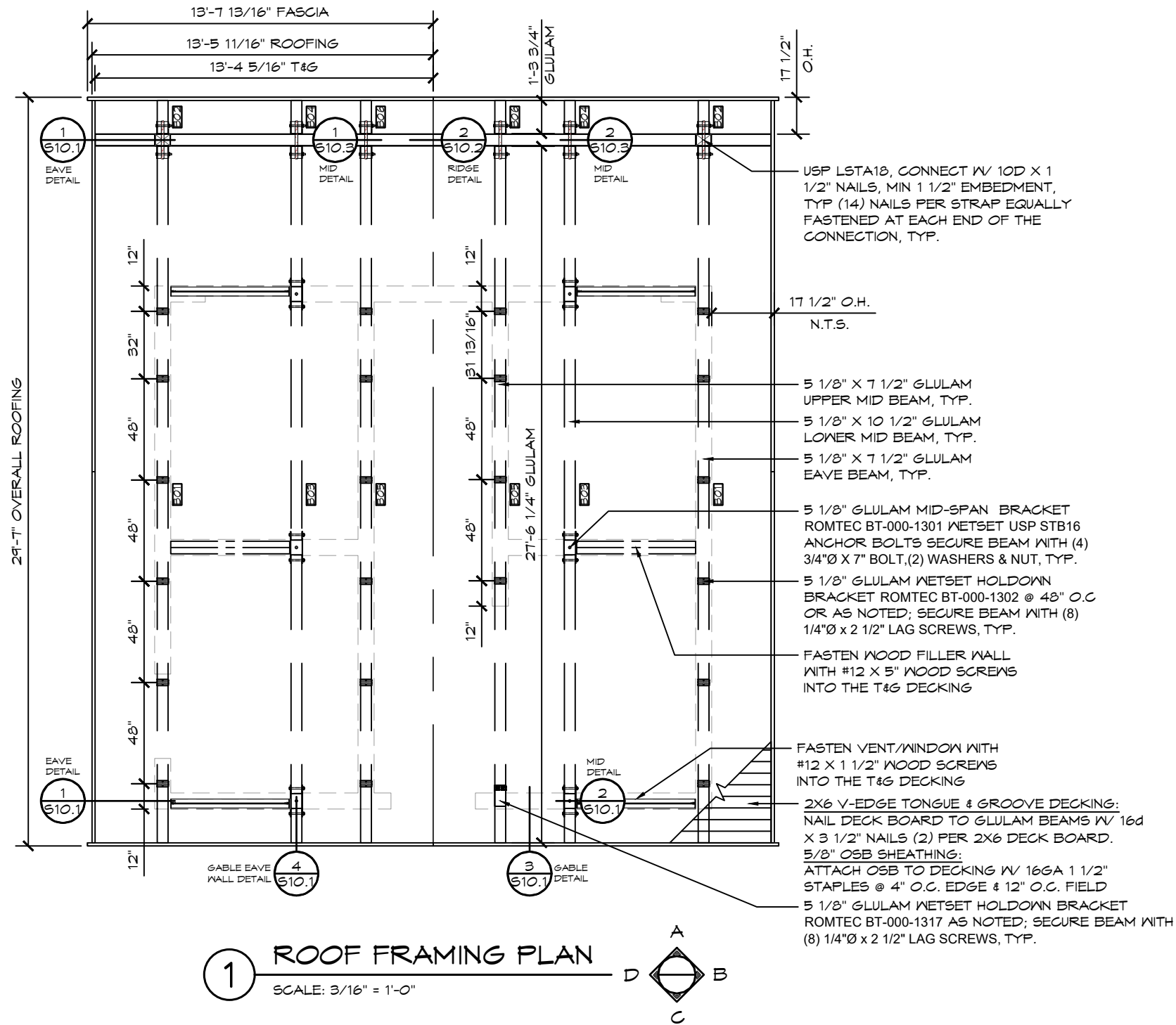
C CMU ELEVATION VIEW
SCALE: 3/16" = 1'-0"



D CMU ELEVATION VIEW
SCALE: 3/16" = 1'-0"

PROJECT: DISTRICT WIDE FLUSH WASHROOMS 25-26
NAPERVILLE, ILLINOIS
SHEET TITLE: STRUCTURAL CMU ELEVATION VIEWS

PROJECT #: DWFO3
DATE: 09/09/2025
DRAWN BY: ZW
REV. DATE: BY:
REVISIONS:
SHEET NO. S8.5



- NOTE:
1. TWO-INCH (51 MM) DECKING SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 15 PERCENT. DECKING SHALL BE MACHINED WITH A SINGLE TONGUE-AND-GROOVE PATTERN. EACH DECKING PIECE SHALL BE NAILED TO EACH SUPPORT.
 2. EACH PIECE OF DECKING SHALL BE TOENAILED AT EACH SUPPORT WITH ONE 16d COMMON NAIL THROUGH THE TONGUE AND FACE-NAILED WITH ONE 16d COMMON NAIL OR AS NOTED OTHERWISE.
 3. CONTROLLED RANDOM PATTERN THERE SHALL BE A MINIMUM DISTANCE OF 24 INCHES (610 MM) BETWEEN END JOINTS IN ADJACENT COURSES. THE PIECES IN THE FIRST AND SECOND COURSES SHALL BEAR ON AT LEAST TWO SUPPORTS WITH END JOINTS IN THESE TWO COURSES OCCURRING ON ALTERNATE SUPPORTS. A MAXIMUM OF SEVEN INTERVENING COURSES SHALL BE PERMITTED BEFORE THIS PATTERN IS REPEATED.

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DISTRICT WIDE FLUSH WASHROOMS 25-26

NAPERVILLE, ILLINOIS

PROJECT TITLE:
ROOF FRAMING PLAN

PROJECT:

PROJECT #: DWFO3

DATE: 09/09/2025

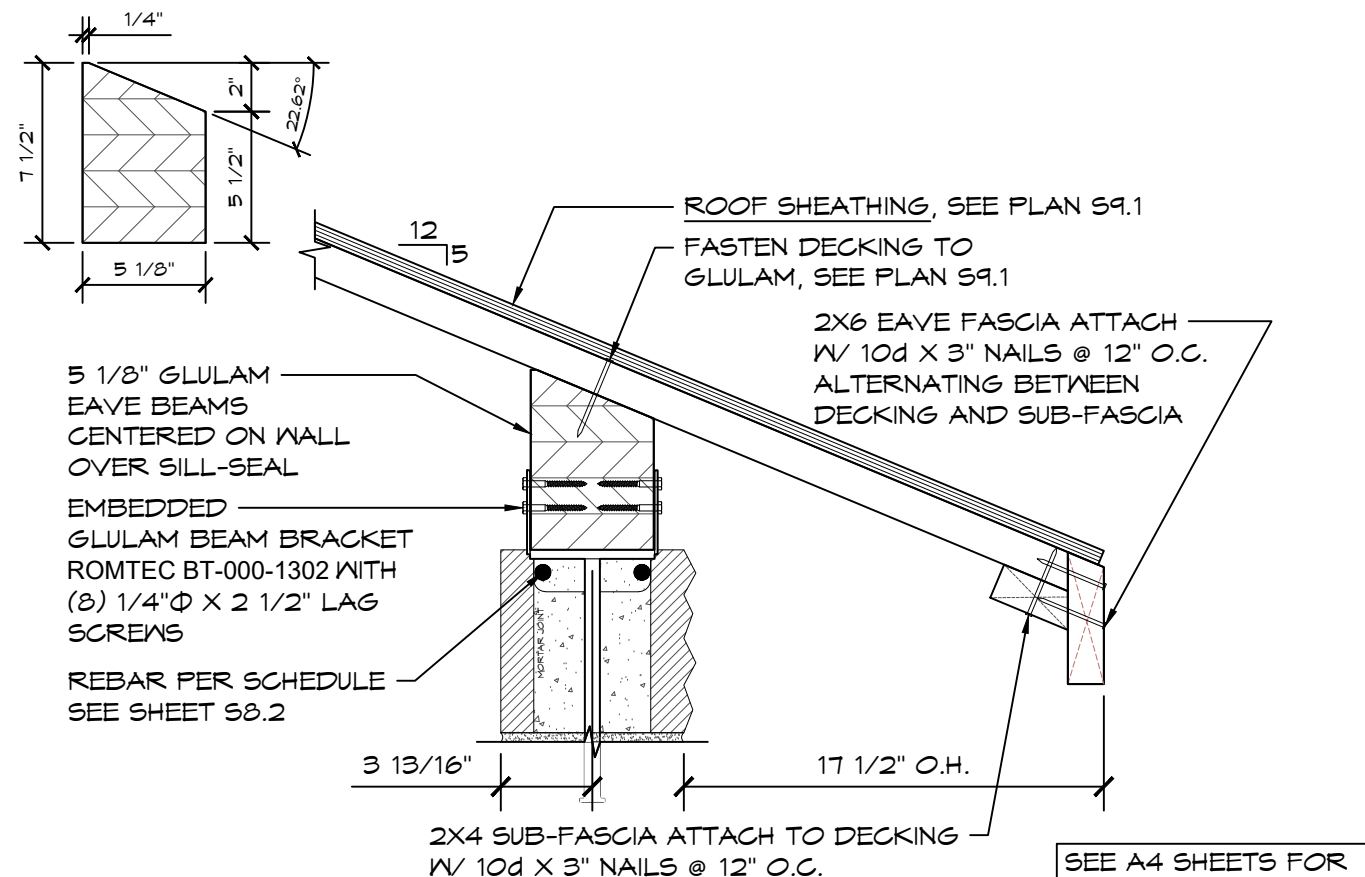
DRAWN BY: ZW

REV.	DATE:	BY:

REVISIONS:

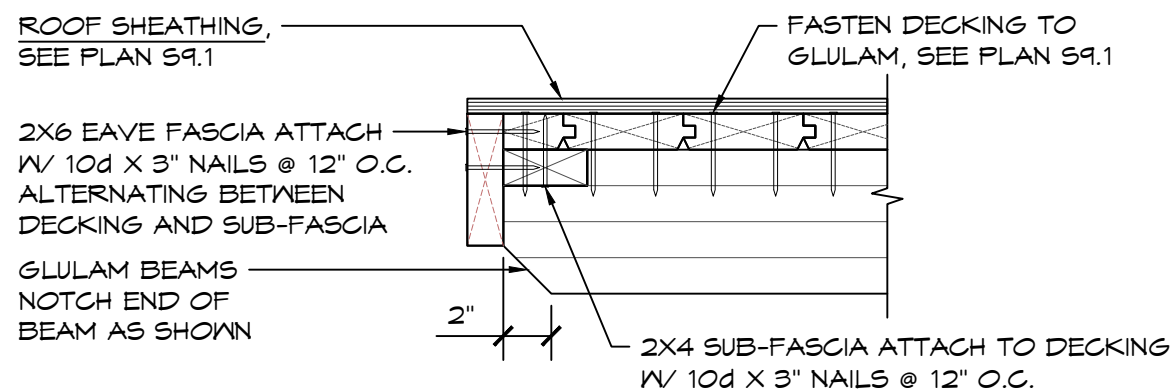
SHEET NO.

59.1

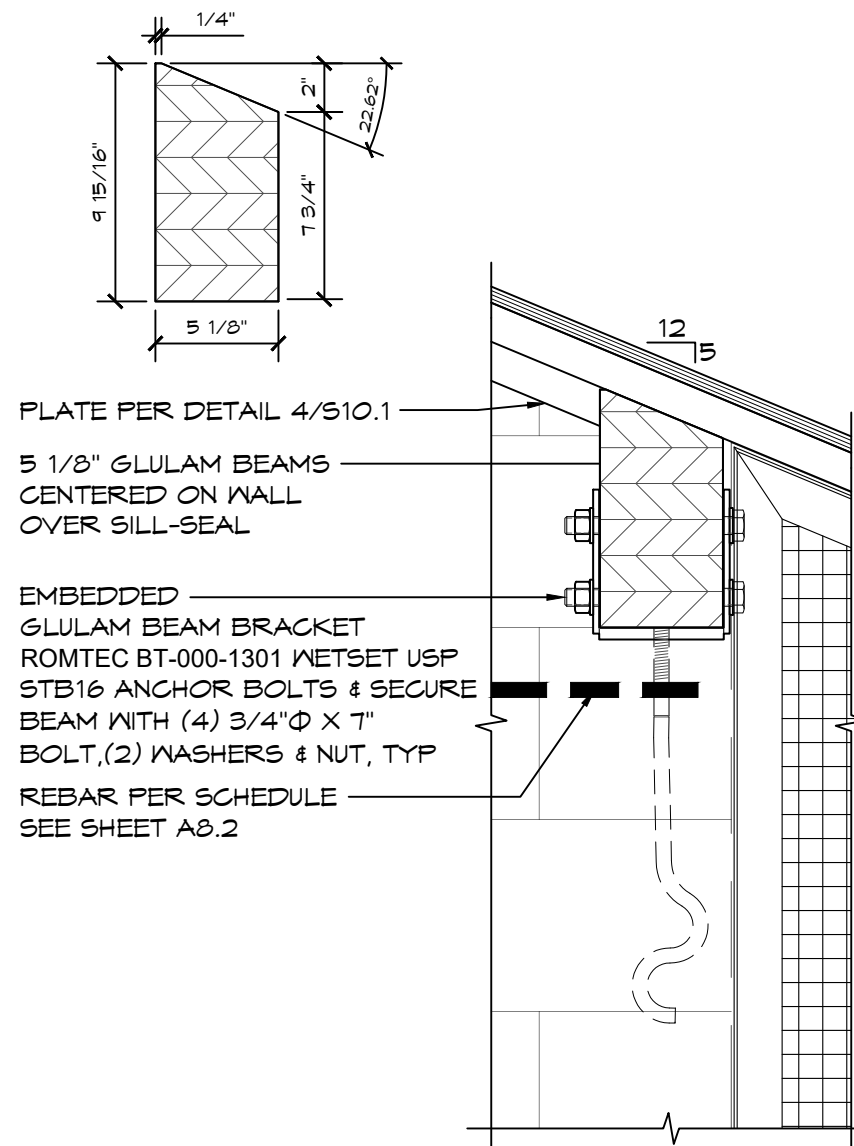


1 EAVE CONNECTION DETAIL
SCALE: 1 1/2" = 1'-0"

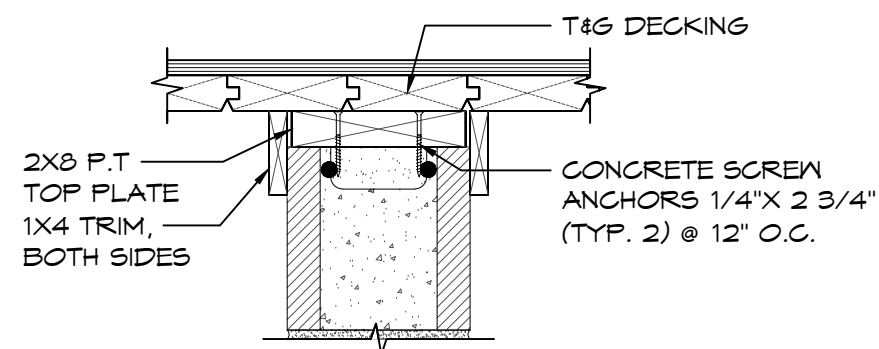
SEE A4 SHEETS FOR EXTERIOR & INTERIOR FINISH DETAILS INCLUDING SIDING, TRIM, & FASTENERS.



3 GABLE DETAIL, TYP
SCALE: 1 1/2" = 1'-0"



2 MID BEAM CONNECTION DETAIL
SCALE: 1 1/2" = 1'-0"



4 GABLE WALL DETAIL
SCALE: 1 1/2" = 1'-0"

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DISTRICT WIDE FLUSH WASHROOMS 25-26

NAPERVILLE, ILLINOIS

ROOF CONNECTION DETAILS

PROJECT:

PROJECT #: DWFO3

DATE: 09/09/2025

DRAWN BY: ZW

REV. DATE: BY:

REVISIONS:

SHEET NO. **S10.1**

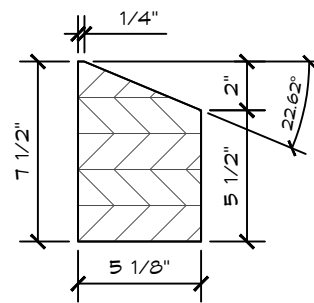
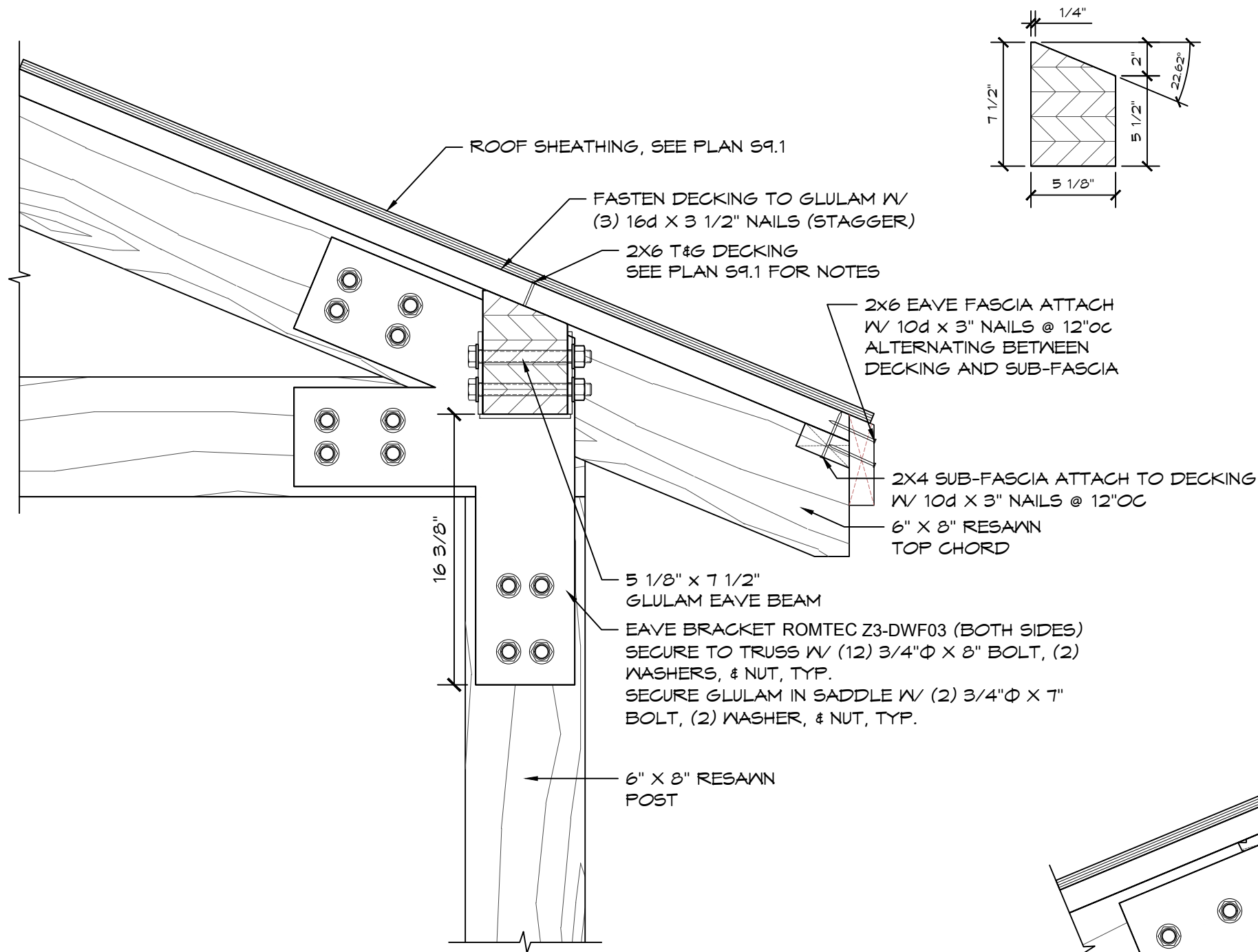
7/09/2026



Exp. 11/30/2026

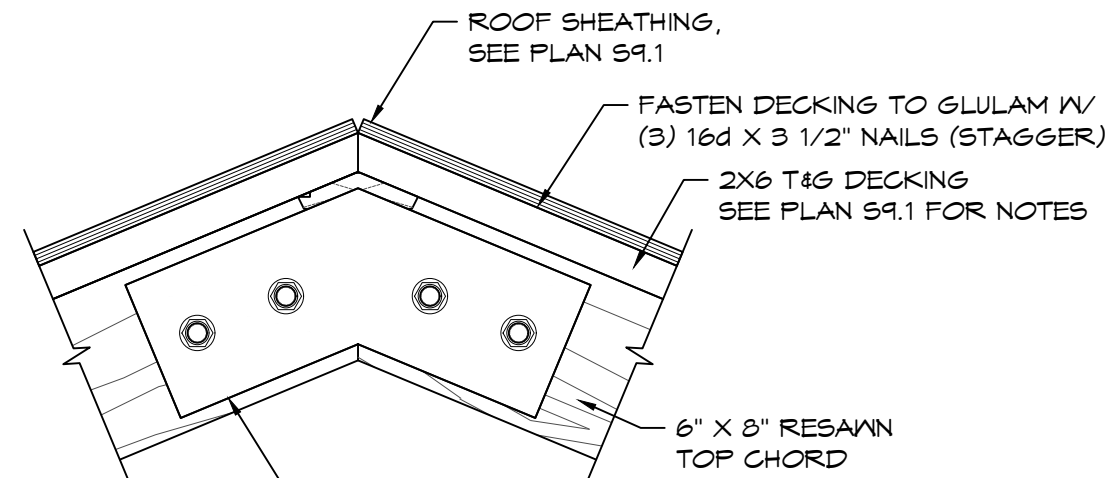
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1 TIMBER TRUSS EAVE CONNECTION

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



RIDGE PLATE ROMTEC TB-050-5009
(BOTH SIDES) SECURE TO TRUSS W/
(4) 3/4"Φ X 8" BOLT, (2) WASHERS,
& NUT, TYP.

2 TIMBER TRUSS RIDGE CONNECTION

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

PROJECT: DISTRICT WIDE FLUSH WASHROOMS 25-26
NAPERVILLE, ILLINOIS
SHEET TITLE: ROOF CONNECTION DETAILS

PROJECT #: DWF03
DATE: 09/09/2025
DRAWN BY: ZW
REV. DATE: BY:
REVISIONS:

SHEET NO. S10.2

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ROOF SHEATHING, SEE PLAN S9.1

FASTEN DECKING TO GLULAM W/
(3) 16D X 3 1/2" NAILS (STAGGER)

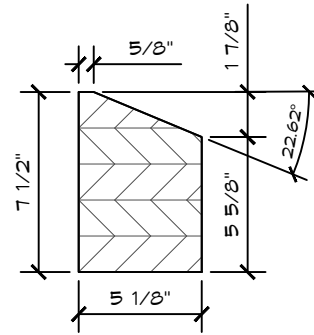
6" X 8" RESAWN
TOP CHORD

2X6 T&G DECKING
SEE PLAN S9.1 FOR NOTES

5 1/8" X 7 1/2"
GLULAM UPPER
MID BEAM

MID BRACKET ROMTEC Z5-DWF03
(BOTH SIDES) SECURE TO TRUSS
W/ (6) 3/4"Ø X 8" BOLT, (2)
WASHERS, & NUT, TYP.
SECURE GLULAM IN SADDLE W/
(2) 3/4"Ø X 7" BOLT, (2)
WASHER, & NUT, TYP.

6" X 8" RESAWN
QUEEN POST



1 TIMBER TRUSS MID CONNECTION

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

ROOF SHEATHING, SEE PLAN S9.1

FASTEN DECKING TO GLULAM W/
(3) 16D X 3 1/2" NAILS (STAGGER)

6" X 8" RESAWN
TOP CHORD

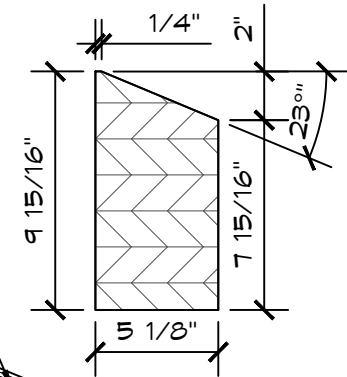
2X6 T&G DECKING
SEE PLAN S9.1 FOR NOTES

5 1/8" X 10 1/2"
GLULAM UPPER MID BEAM

6" X 8" RESAWN
WEB

MID BRACKET ROMTEC Z4-DWF03
(BOTH SIDES) SECURE TO TRUSS
W/ (6) 3/4"Ø X 8" BOLT, (2)
WASHERS, & NUT, TYP.
SECURE GLULAM IN SADDLE W/ (2)
3/4"Ø X 7" BOLT, (2) WASHER, &
NUT, TYP.

6" X 8" RESAWN
PRINCE POST



2 TIMBER TRUSS MID CONNECTION

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

PROJECT: DISTRICT WIDE FLUSH WASHROOMS 25-26
SHEET TITLE: NAPERVILLE, ILLINOIS
ROOF CONNECTION DETAILS

PROJECT #: DWF03

DATE: 09/09/2025

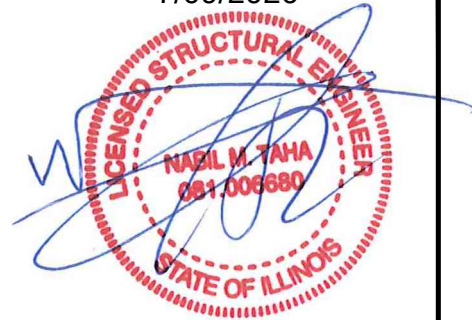
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SHEET NO. **S10.3**

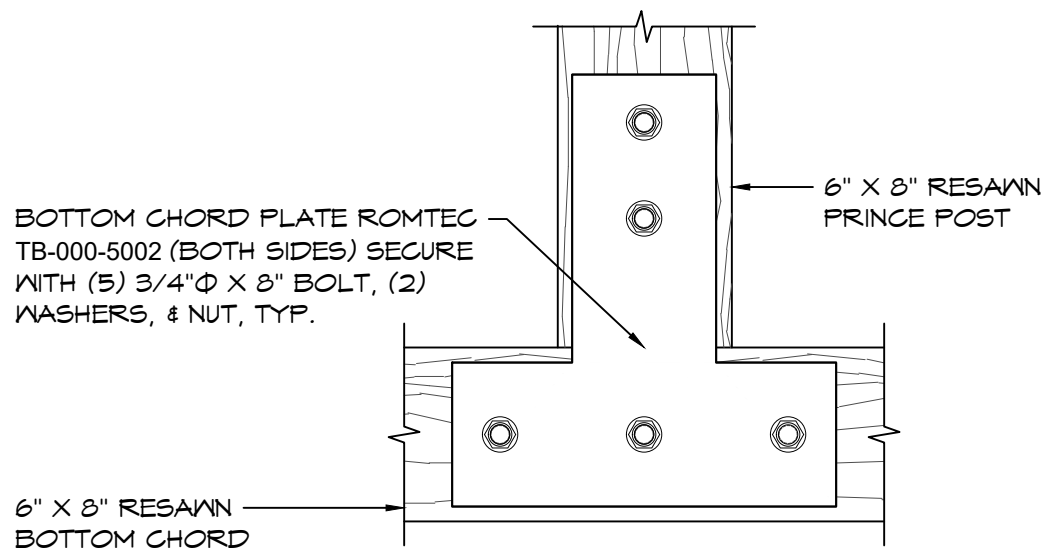
7/09/2026



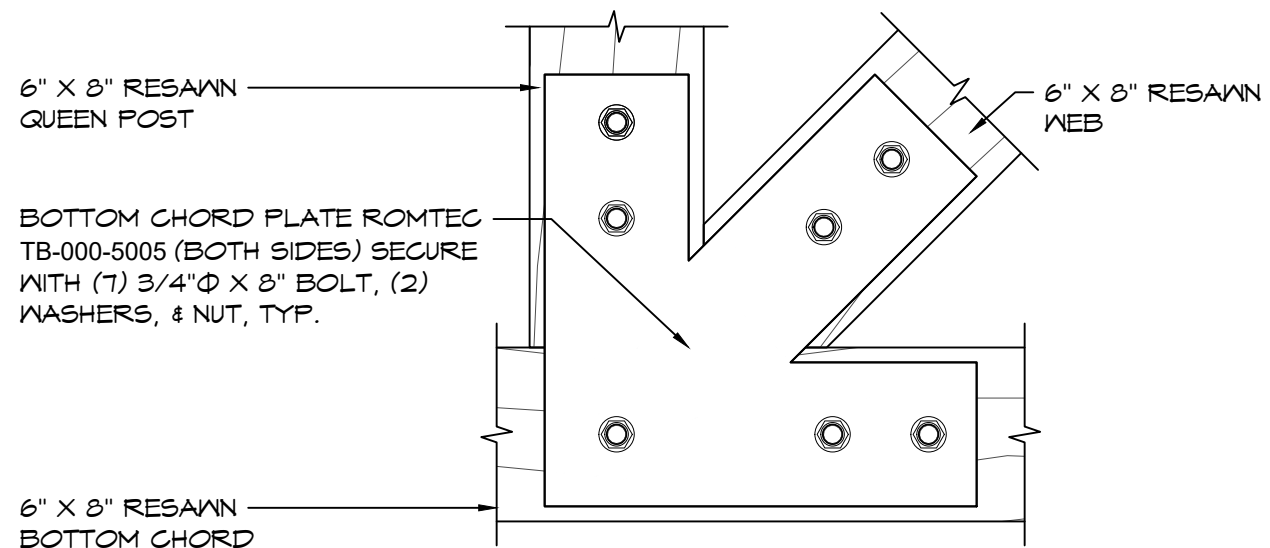
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1 PRINCE POST CONNECTION DETAIL
SCALE: 1 1/2" = 1'-0"



2 QUEEN POST CONNECTION DETAIL
SCALE: 1 1/2" = 1'-0"

PROJECT:	DISTRICT WIDE FLUSH WASHROOMS 25-26		
PROJECT #:	DWFO3		
DATE:	09/09/2025		
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SHEET NO. S10.4			

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NOTE:
FLASHING SECTIONS OVER
10'-6" IN LENGTH SHALL BE
OVERLAPPED BY 4" AND
EVERY EFFORT MUST BE
MADE TO ENSURE A
SYMMETRICAL APPEARANCE

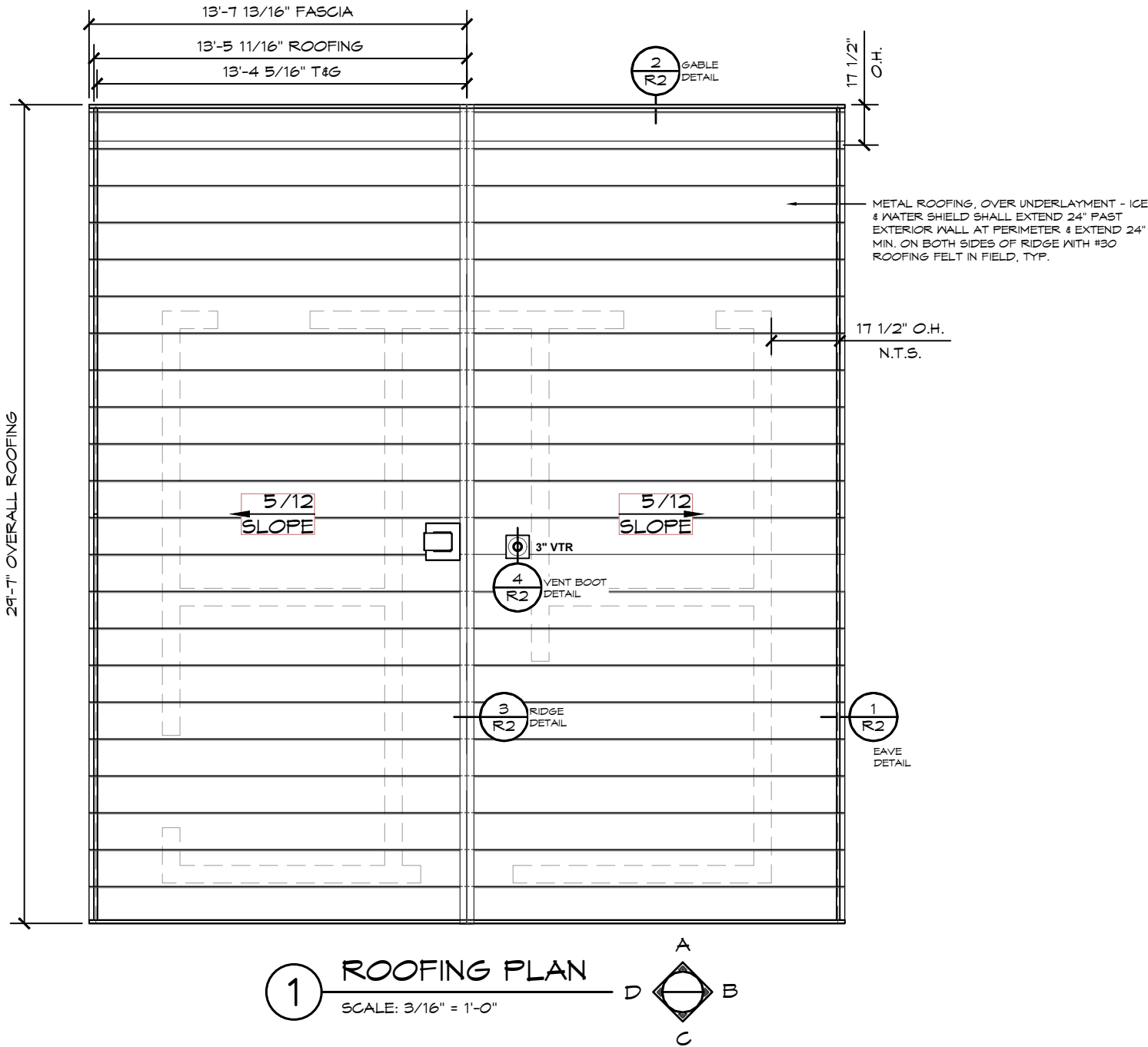
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1 ROOFING PLAN
SCALE: 3/16" = 1'-0"
A B C D

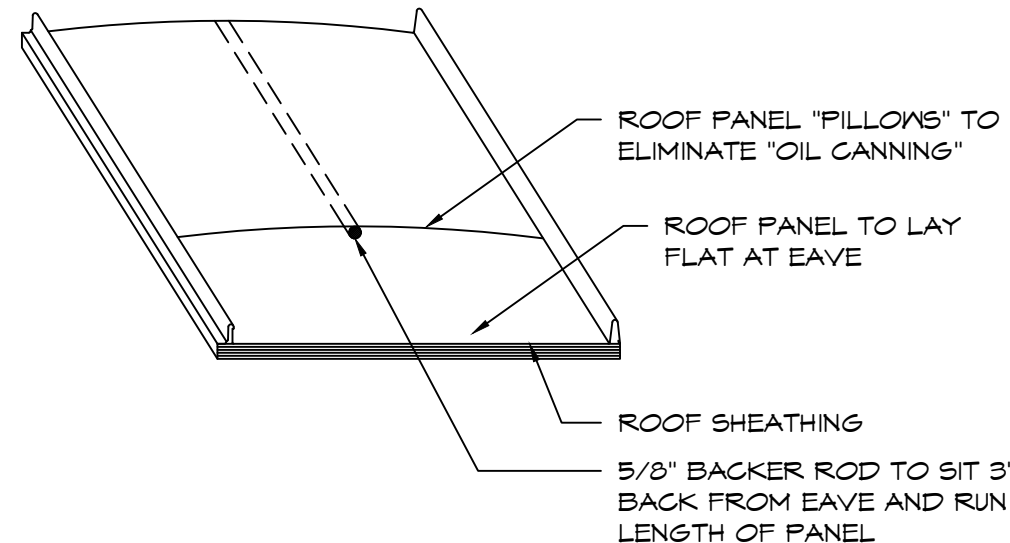
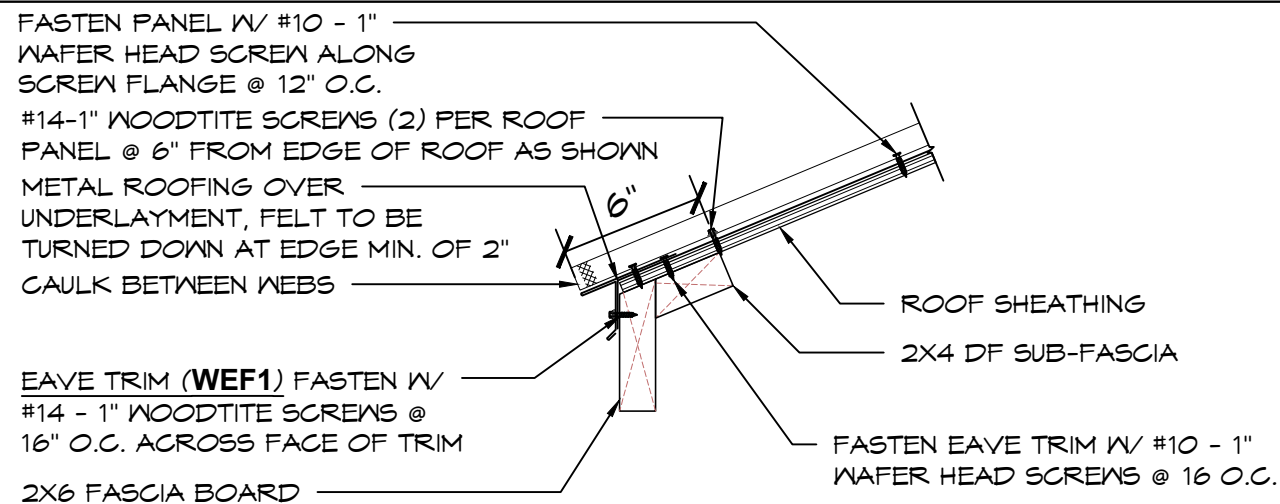
PROJECT: DISTRICT WIDE FLUSH WASHROOMS 25-26
NAPERVILLE, ILLINOIS
SHEET TITLE: ROOFING PLAN

PROJECT #: DWFO3
DATE: 09/09/2025
DRAWN BY: ZW

REV.	DATE:	BY:

REVISIONS:

SHEET NO. R1



RECOMMENDED METHOD BY FABRAL TO ELIMINATE "OIL CANNING":

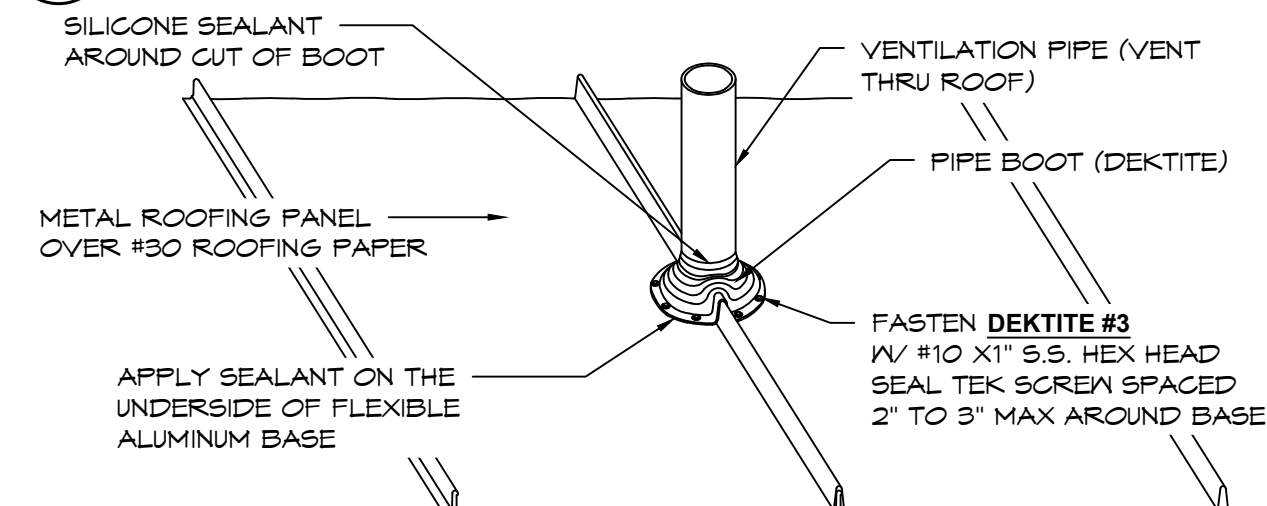
PANELS MAY SHOW SLIGHT WAVINESS COMMONLY REFERRED TO AS "OIL CANNING." THIS IS A CHARACTERISTIC OF ROLL FORMING. SUCH "OIL CANNING" WILL NOT BE ACCEPTED AS CAUSE FOR REJECTION.

THE USE OF BACKER ROD IS AN INDUSTRY ACCEPTED METHOD TO MINIMIZE "OIL CANNING". A RECENT TREND IS TO INSTALL BACKER ROD UNDER THE FLAT OF THE PANELS TO CREATE A SLIGHT "CROWN" IN THE PANEL, THUS REDUCING OR ELIMINATING "OIL CANNING". THIS IS NO LONGER CONSIDERED A "TRASHY" REPAIR. MCA'S OIL CANNING POSITION PAPER RECOMMENDS THIS PRACTICE. (ABOVE)

USES OF BACKER ROD OR OTHER SIMILAR SHIMMING MATERIALS - WHEN INSTALLATION IS OVER A SOLID SUBSTRATE. BACKER ROD IS A COMPRESSIBLE FOAM STRIP NORMALLY USED IN THE CONCRETE AND MASONRY TRADES IN JOINTS TO SERVE AS A BACKING FOR A CAULK JOINT. FOR CERTAIN TYPES OF METAL PANEL SYSTEMS IT CAUSES THE CENTER OF THE PANEL TO "PILLOW" UNIFORMLY, RELIEVING STRESS AND REDUCING THE VISUAL EFFECTS OF "OIL CANNING".

4 STANDING SEAM OIL CANNING REPAIR

SCALE: N.T.S.



5 STANDING SEAM - 3" VENT BOOT DETAIL

SCALE: N.T.S.

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DISTRICT WIDE FLUSH WASHROOMS 25-26

NAPERVILLE, ILLINOIS

ROOFING DETAILS

PROJECT:

PROJECT #: DWFO3

DATE: 09/09/2025

DRAWN BY: ZW

REV. DATE: BY:

REV.	DATE:	BY:

REVISIONS:

SHEET NO.

R2

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INTERNATIONAL PLUMBING CODE

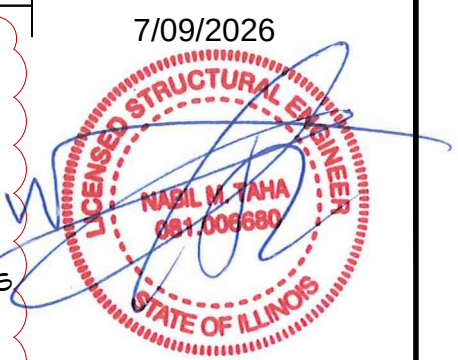
SYM	FIXTURE TYPE	SEWER	VENT	COLD WATER	HOT WATER	MIXED WATER	NO OF FIXT.	W. FIXT. UNITS/EA	TOTAL W. FIXT UNITS	DR. FIXT UNITS	TOTAL DR. FIXT. UNITS
WC-1	ADA TOILET	3"	2"	1"	X	X	3	10	30	4	12
UR-1	ADA URINAL	2"	1 1/2"	3/4"	X	X	3	5	15	2	6
LV-1	HAND SINK	1 1/4"	1 1/2"	1/2"	X	X	3	2	6	1	3
S-1	UTILITY/MOP SINK	2"	1 1/2"	1/2"	X	X	1	2.25	2.25	2	2
DF-1	DRINKING FOUNTAIN	1 1/2"	1 1/2"	1/2"	X	X	3	.25	1.25	.5	1.5
HB-1	WALL HYDRANT ANTI-FREEZE	X	X	3/4"	X	X	1	2	2	NA	NA
WH-1	WATER HEATER (TANK)	X	X	3/4"	3/4"	1/2"	1	NA	NA	NA	NA
FD-1	FLOOR DRAIN	3"	1 1/2"	X	X	X	2	NA	NA	3	6
FD-2	FLOOR DRAIN (EMERGENCY)	3"	1 1/2"	X	X	X	3	NA	NA	NA	NA
TOTAL									56.5	TOTAL	30.5

NOTES:
EACH LAVATORY FAUCET FOR PUBLIC USE SHALL MEET 890.690E AND 890.630G FOR WATER TEMPERATURE SAFETY

WATER SUPPLY DISTRIBUTION SYSTEM SHALL BE INSTALLED AND CONFIGURED TO PROVIDE SEASONAL WINTERIZATION FOR PROTECTION FROM FREEZING PER SECTION: 890.1150A)4) OF THE ILLINOIS PLUMBING CODE

ALL PLUMBING FIXTURES, EQUIPMENT APPURTENANCES AND DEVICES SHALL COMPLY WITH 890.210 AND 890.APPENDIX-A/890.TABLE04 OF THE ILLINOIS PLUMBING CODE

SIoux CHIEF (3" W/6" STRAINER)

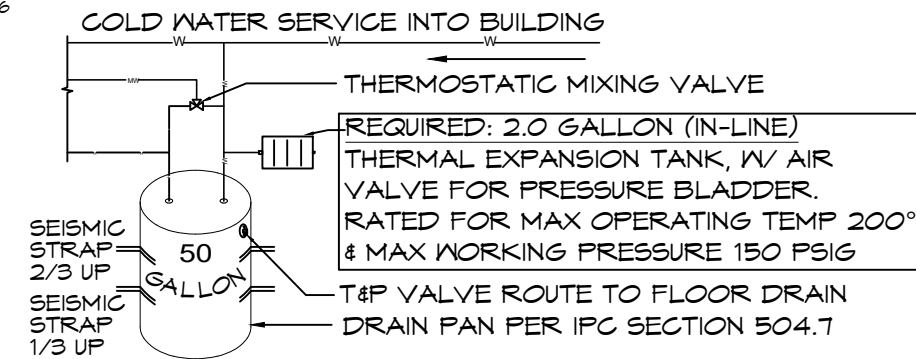


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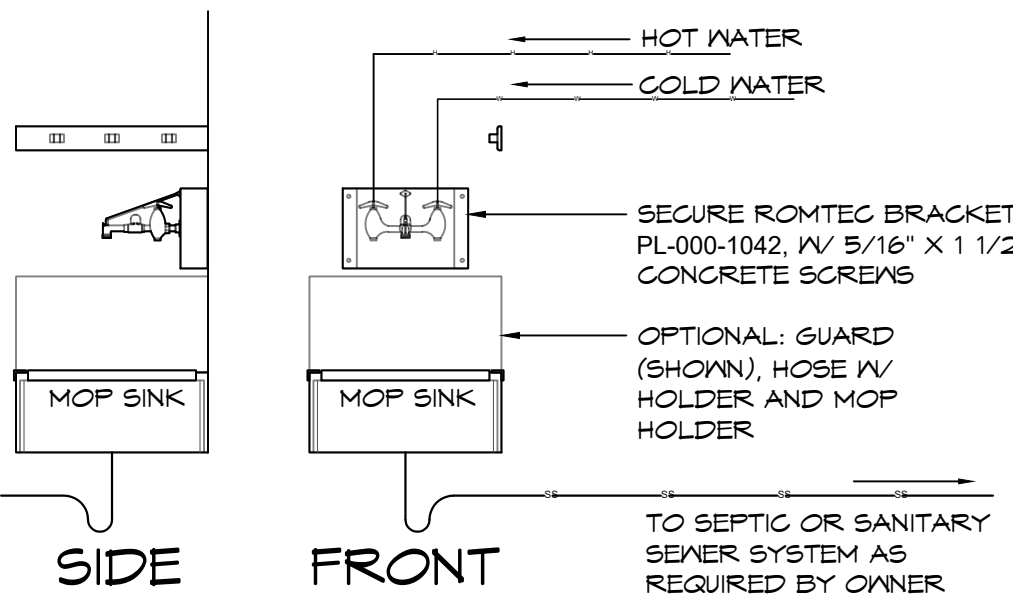
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GENERAL PLUMBING NOTES:

- 1. ALL PLUMBING MUST MEET ILLINOIS STATE PLUMBING CODE AND DUPAGE COUNTY ORDINANCES. ALL PLUMBING MUST BE INSTALLED BY AN ILLINOIS LICENSED PLUMBER WORKING FOR AN ILLINOIS LICENSED/REGISTERED PLUMBING CONTRACTOR (ON-SITE OR OFF-SITE) AND INSPECTED BY AN ILLINOIS CERTIFIED STATE PLUMBING INSPECTOR (ON-SITE OR OFF-SITE) PER (225ILCS320) ILLINOIS PLUMBING LICENSE LAW
- 2. CONTRACTOR TO CONFIRM LOCATIONS OF SEWER AND WATER TIE-INS
- 3. CONTRACTOR TO SOLIDLY BRACE ALL PIPING TIGHT AGAINST WALLS. FOR LONG OR COMPLICATED RUNS, SECURELY MOUNT USING UNISTRUT, IN STRAIGHT AND UNIFORM MANNER FOR FINISHED APPEARANCE. PIPING SHOWN IS DIAGRAMMATIC ONLY AND ACTUAL DESIGN BY CONTRACTOR.
- 4. CONTRACTOR MAY CHANGE PIPE SIZING IN FIELD TO PROVIDE ADEQUATE WATER PRESSURE TO ALL PLUMBING FIXTURES AS APPROVED BY INSPECTOR. ROMTEC BUILDINGS ARE DESIGNED TO HAVE 40-60 PSI WATER PRESSURE FOR THE PLUMBING FIXTURES. IF THE SITE HAS A PRESSURE OTHER THAN THIS, IT IS THE OWNER'S RESPONSIBILITY TO PROVIDE THE PRESSURE REDUCER OR BOOSTER PUMP NECESSARY.
- 5. CONTRACTOR TO DETERMINE AND PROVIDE MEANS FOR GRAVITY DRAINING ALL PLUMBING FIXTURES TO SEPTIC OR SANITARY SEWER SYSTEM. INSTALLER TO PROVIDE A CLEAN-OUT BENEATH ALL SINKS AND LAVATORY AS REQUIRED BY CODE.
- 6. CONTRACTOR TO DETERMINE AND PROVIDE MEANS FOR SUPPLYING WATER TO ALL PLUMBING FIXTURES AND INSTALL WATER SERVICE SHUTOFF VALVE; TYPICALLY LOCATED WITHIN THE MECHANICAL ROOM.
- 7. IF THE SITE REQUIRES AN ACCESSIBLE BACK FLOW PREVENTER AND/OR PRESSURE REDUCER OR BOOSTER PUMP IT IS THE OWNER'S RESPONSIBILITY TO PROVIDE.
- 8. WHEN INCLUDED WATER HEATERS ARE TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND ALL STATE, COUNTY, AND LOCAL CODES AND ORDINANCES.
- 9. FLUSHOMETERS ASSOCIATED WITH TOILETS USE NO MORE THAN 1.6 GALLONS PER FLUSH. FLUSHOMETERS ASSOCIATED WITH URINALS USE NO MORE THAN 1.0 GALLON PER FLUSH. BOTH OF THE ABOVE SHALL MEET PERFORMANCE STANDARDS BY ANSI A112.19.2 H&S CODE, SECTION 17921.3(B)
- 10. WHEN FIXTURES REQUIRE WALL CARRIERS THE WALL CARRIER SHALL BE SUPPLIED BY CONTRACTOR.
- 11. UNLESS SPECIFIED IN THE ROMTEC SUBMITTAL, ROMTEC DOES NOT SUPPLY INSULATION OR "FREEZE PROTECTION" FOR PLUMBING. "THE OWNER MAY NEED TO WINTERIZE THEIR BUILDING."



1 WATER HEATER DETAIL
SCALE: 1/4" = 1'-0"



2 24" x 24" MOP SINK
SCALE: 1/2" = 1'-0"

DISTRICT WIDE FLUSH WASHROOMS 25-26
NAPERVILLE, ILLINOIS
PLUMBING SCHEDULE

PROJECT: DWFO3
DATE: 09/09/2025
DRAWN BY: ZW

REVISIONS:

P1

ALL PLUMBING MUST MEET ILLINOIS STATE PLUMBING CODE AND DUPAGE COUNTY ORDINANCES. ALL PLUMBING MUST BE INSTALLED BY AN ILLINOIS LICENSED PLUMBER WORKING FOR AN ILLINOIS LICENSED/REGISTERED PLUMBING CONTRACTOR (ON-SITE OR OFF-SITE) AND INSPECTED BY AN ILLINOIS CERTIFIED STATE PLUMBING INSPECTOR (ON-SITE OR OFF-SITE) PER (225ILCS320) ILLINOIS PLUMBING LICENSE LAW

6/22/2026

WATER-PLUMBING LEGEND

- COLD WATER
- MIXED WATER
- HOT WATER

SEWER-PLUMBING LEGEND

- SANITARY SEWER

7/09/2026



Exp. 11/30/2026

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*FIXTURES ARE SYMBOLIC ONLY, REFER TO SPECIFICATIONS & PRODUCT LITERATURE FOR THE FIXTURE ROUGH-IN MEASUREMENTS & INSTALLATION DETAILS.

UPC NOTES

- NOTES:
1. WATER PIPE SIZE AND PRESSURE REQUIREMENTS MUST BE CONFIRMED BY PLUMBING CONTRACTOR BASED ON LOCAL SUPPLY.
 2. FIXTURE & FIXTURE CONNECTIONS ARE SYMBOLIC IN NATURE ONLY. REFER TO MANUFACTURER LITERATURE FOR EXACT FIXTURE SPECIFICATIONS.
 3. ALL SANITARY, VENT AND DRAINLINES TO BE SCH-40. CELL CORE IS NOT ALLOWED BELOW GRADE.
 4. ALL WATER LINES SHALL BE COPPER OR PER LOCAL CODE. NO JOINTS BENEATH THE SLAB.
 5. WATER PIPE SIZING IS A MINIMUM SUGGESTION. PLUMBING CONTRACTOR WILL MAKE THE FINAL DETERMINATION.

DOMESTIC WATER SUPPLIES TO BE COPPER TYPE "L" OR "M" ABOVE GRADE AND "K" BELOW GRADE. NO JOINTS BENEATH SLAB.

DOMESTIC WATER SUPPLY SYSTEMS SHALL BE PROVIDED WITH AIR CHAMBERS OR APPROVED MECHANICAL DEVICES OR WATER HAMMER ARRESTORS TO ABSORB PRESSURE SURGES PER 890.1210F(1)2).

FLUSHING OR DISINFECTION OF POTABLE WATER SUPPLY SYSTEM PER 890.1180 PRIOR TO USE.

WATER HEATER INSTALLATIONS SHALL INCLUDE EXPANSION TANK 890.1130G(7) AND IF ELEVATED A VACUUM RELIEF VALVE 890.1230F):

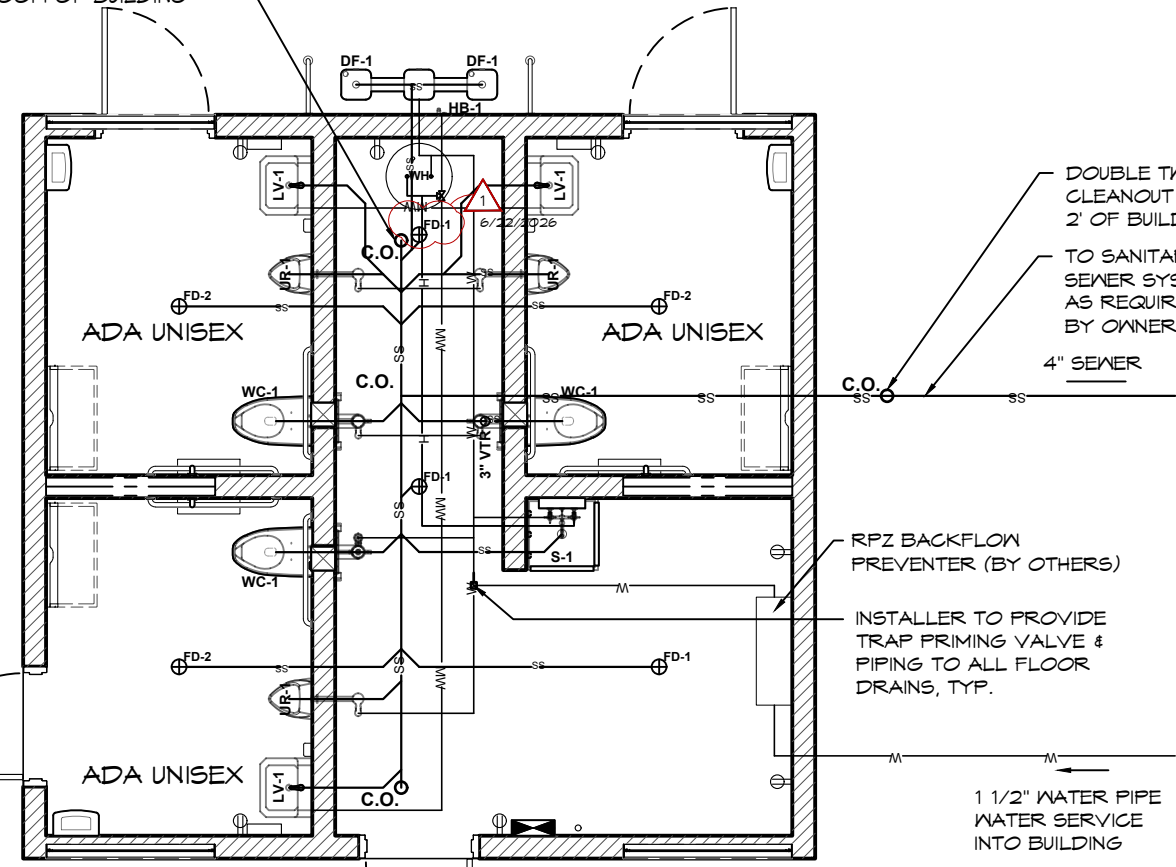
ONLY THE LICENSED PLUMBING CONTRACTOR, "PLUMBER-OF-RECORD" LISTED ON THIS PERMIT SHALL SCHEDULE ALL REQUIRED PLUMBING INSPECTIONS PER 890.1910/225ILCS320/) AND PROVIDE CONTACT PHONE NUMBERS OF THE PLUMBING CONTRACTORS AND THE LICENSED PLUMBER WHO WILL BE ON-SITE AT INSPECTIONS.

COMBINED TEE-WYE WITH CLEANOUT LOCATED IN MECH ROOM OF BUILDING

INDIRECT WASTE PIPING (EXISTING OR NEW) PER 890.SUBPART-H AND ANY ADDITIONAL CODES BASED ON INSTALLATIONS

FLOOR DRAINS (FD), HUB-DRAINS (HD) AND OPEN-SITE DRAINS SHALL BE PROPERLY SIZED TO ACCEPT ALL INDIRECT WASTE DISCHARGE PIPING.

ALL INDIRECT WASTE PIPING WITH REQUIRED "AIR GAP" PER "890.SUBPART-H" AND 890.1130/890.110/140 PROTECTION OF POTABLE WATER/HEALTH & SAFETY HAZARD



DOUBLE TWO WAY CLEANOUT WITHIN 2' OF BUILDING

TO SANITARY SEWER SYSTEM AS REQUIRED BY OWNER

4" SEWER

RPZ BACKFLOW PREVENTER (BY OTHERS)

INSTALLER TO PROVIDE TRAP PRIMING VALVE & PIPING TO ALL FLOOR DRAINS, TYP.

1 1/2" WATER PIPE WATER SERVICE INTO BUILDING

SANITARY WASTE/DRAINS SIZED PER DFW 890.1340

CLEAN-OUTS AND INSTALLATIONS PER 890.420:

VENTS/VENTING SIZED PER DFW REQUIREMENTS 890.1580E) WITH NO MORE THAN 20% OF THE MAXIMUM DEVELOPED LENGTH IN THE HORIZONTAL POSITION.

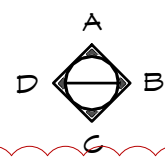
EACH LAVATORY FAUCET FOR PUBLIC USE SHALL MEET 890.690E AND 890.630G FOR WATER TEMPERATURE SAFETY AND IAC/ADA REQUIREMENTS

ALL LAVATORIES SHALL NOT HAVE EXPOSED WATER OR WASTE PIPES OR ABRASIVE SURFACES BUT SHALL BE COVERED WITH PROTECTIVE GUARDS.

ALL PLUMBING FIXTURES FOR PUBLIC USE SHALL MEET IAC/ADA REQUIREMENTS PER 890.630G); WATER CLOSETS SHALL HAVE THE FLUSH VALVE HANDLE OR BUTTON MOUNTED ON THE WIDE SIDE OF THE ROOM.

1 PLUMBING PLAN

SCALE: 3/16" = 1'-0"



NOTE: WATER SOFTENERS AND ALL OTHER WATER FILTRATION TREATMENT SYSTEMS INSTALLED PRIOR TO FINAL PLUMBING INSPECTION MAY REQUIRE A "PLAN REVISION" BEFORE SCHEDULING PLUMBING FINAL. ALL INSTALLATIONS PER (225 ILCS 320/) ILLINOIS PLUMBING LICENSE LAW. ALL CONTRACTOR/SUB-CONTRACTORS SHALL BE REGISTERED AND LISTED ON THIS PERMIT PRIOR TO INSTALLATIONS. ALL WATER FILTRATION SYSTEMS OTHER THAN A STANDARD SOFTENER SHALL BE INSTALLED BY LICENSED PLUMBER/LICENSED PLUMBING CONTRACTOR ONLY PER (225 ILCS 320/).

REQUIRED RPZ CERTIFICATION TEST SHEET RESULTS TO BE ON-SITE AT VALVE FOR FINAL PLUMBING INSPECTION APPROVAL.

6/22/2026

DISTRICT WIDE FLUSH WASHROOMS 25-26
NAPERVILLE, ILLINOIS
PLUMBING WATER PLAN

PROJECT #: DWFO3

DATE: 09/09/2025

DRAWN BY: ZW

REV.	DATE:	BY:
1	6-22-2026	ZW

REVISIONS:

P2

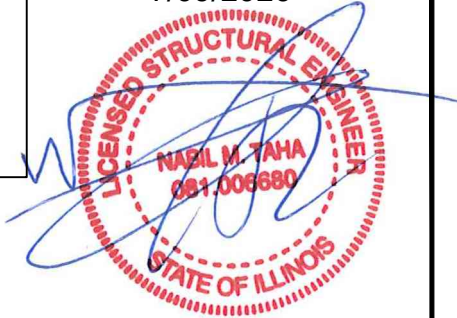
SHEET NO.

MINIMUM VENTILATION RATES:

PUBLIC SPACES

TOILET ROOMS (PER IBC OR IUR)
EXHAUST AIRFLOW RATE
50 CFM - OPERATES CONTINUOUSLY WHILE OCCUPIED
70 CFM - OPERATES INTERMITTENTLY

7/09/2026

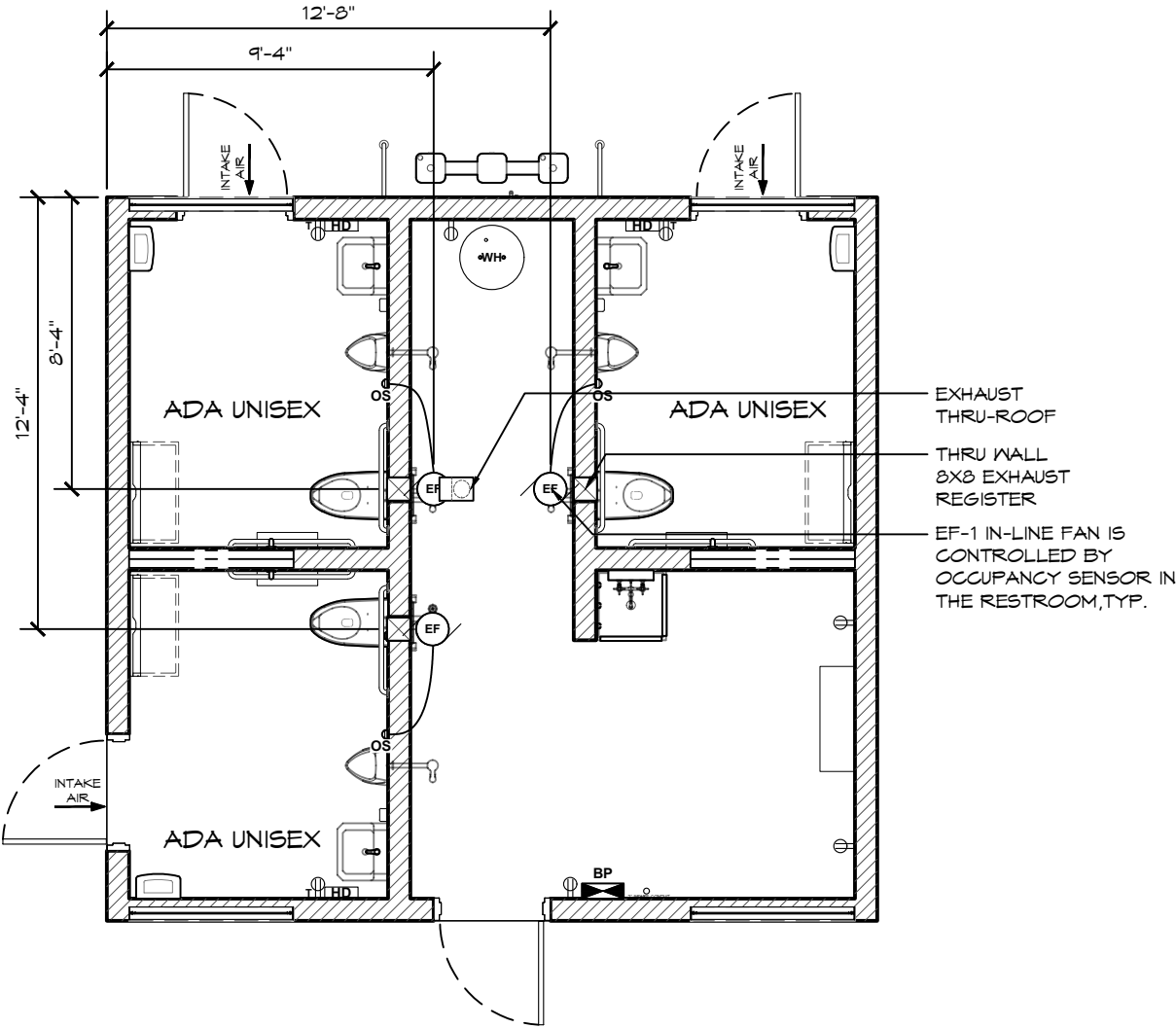


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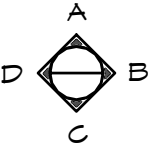


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MECHANICAL EXHAUST SYSTEM SHALL
BE INSTALLED PER INSTALL
INSTRUCTIONS & DETAILS IN THE:
"FINAL"
ROMTEC SCOPE OF SUPPLY AND
DESIGN SUBMITTAL



1 MECHANICAL PLAN
SCALE: 3/16" = 1'-0"



- NOTES:
- EXHAUST FANS AND ALL DUCTING TO BE MOUNTED USING DUCT HANGERS OR EQUIVALENT PER DIRECTIONS FURNISHED BY MANUFACTURE, IN ACCORDANCE WITH THE MECHANICAL CODE AND SMACNA STANDARDS.
 - ALL DUCTWORK: RIGID DUCT W/ R8.3 INSULATED WRAP (UL LISTED CLASS 1 AIR DUCT). PROVIDE SHEETMETAL FITTINGS AT MAIN DUCT RUNOUTS AND CONNECTIONS WITH A MINIMUM OF THREE SHEETMETAL SCREWS AND TAPED TO PROVIDE AN AIRTIGHT SEAL. SUPPORT FLEX AS DIRECTED BY MANUFACTURER, NOT TO EXCEED 4'-0".
 - THE DUCT DISCHARGES THRU A ROOF CAP W/ DAMPER, SCREEN AND COLLAR.
 - BUTTERFLY DAMPER PROVIDED IN THE DUCT LINE TO EACH REGISTER
 - FANS ARE CONTROLLED BY OCCUPANCY SENSORS LOCATED IN EACH ROOM.

PROJECT: DISTRICT WIDE FLUSH WASHROOMS 25-26
NAPERVILLE, ILLINOIS
SHEET TITLE: MECHANICAL PLAN

PROJECT #: DWFO3
DATE: 09/09/2025
DRAWN BY: ZW

REV.	DATE:	BY:

REVISIONS:

SHEET NO. M1

GENERAL ELECTRICAL NOTES:

1.

ALL WORK SHALL COMPLY WITH NATIONAL ELECTRICAL CODE, STATE AND LOCAL CODES.
2.

OWNER TO PROVIDE TEMPORARY POWER AS REQUIRED DURING COURSE OF CONSTRUCTION.
3.

ELECTRICAL SERVICE EQUIPMENT SUPPLIED BY OTHERS UNDER SEPARATE SUBMITTAL.
4.

THE AIC VALUES SHOWN ON THESE ROMTEC PLANS ARE TO BE MADE CLEARLY AVAILABLE TO THE ELECTRICAL ENGINEER OF RECORD THAT WILL DESIGN THE MAIN SERVICE.
5.

THE INSTALLER SHALL FURNISH & INSTALL SPECIFICATION GRADE CIRCUIT BREAKERS, WIRING, CONDUIT, SWITCHES AND GFI RECEPTACLES THROUGHOUT. INTERIOR RECEPTACLES & SWITCHES SHALL HAVE STAINLESS STEEL COVERPLATES AND EXTERIOR RECEPTACLES SHALL BE INSTALLED WITH A WEATHERPROOF IN USE COVER.
6.

ELECTRICAL CONDUIT IS TO BE RUN WITHIN THE WALL WHEN POSSIBLE, EXCEPT IN THE MECHANICAL ROOM.
7.

FOR MECHANICAL ROOM ALL EXPOSED CONDUIT IS TO BE SURFACE MOUNTED AND RUN TIGHT TO CEILING AS REQUIRED.
8.

COORDINATE AC OUTLET HEIGHTS WITH OWNER PRIOR TO ROUGH-IN.

ELECTRICAL SCHEDULE & SYMBOL LEGEND:

QTY	SYMBOL	DESCRIPTION	QTY	SYMBOL	DESCRIPTION
1		200 AMP BREAKER PANEL	1		TANK WATER HEATER (ELECTRIC)
PER PLAN		HOME RUN TO BREAKER PANEL			PROVIDE A WATER HEATER DISCONNECT CAPABLE OF SIMULTANEOUSLY DISCONNECTING ALL UNGROUNDED CONDUCTORS. THE DISCONNECTING MEANS SHALL BE WITHIN SIGHT OF. WHERE THE DISCONNECTING MEANS IS OUT OF THE LINE OF SIGHT FROM ANY SECTION THAT IS ABLE TO BE ENERGIZED, THE DISCONNECTING MEANS SHALL BE CAPABLE OF BEING LOCKED IN THE OPEN POSITION.
PER PLAN		110 VAC DUPLEX RECEPTACLE, GROUND FAULT PROTECTED MOUNTED MIN OF 15" TO MAX OF 48" ABOVE THE FLOOR CONFIRM EXACT LOCATION & HEIGHT WITH OWNER OR OWNERS REPRESENTATIVE.	3		INLINE DUCT EXHAUST FAN SYSTEM
PER PLAN		TAMPER PROOF 110 VAC DUPLEX RECEPTACLE MOUNTED MIN OF 15" TO MAX OF 48" ABOVE THE FLOOR CONFIRM EXACT LOCATION & HEIGHT WITH OWNER OR OWNERS REPRESENTATIVE.			S&P, TD-150 - 6": (65W) (0.54A)
1		SWITCH, SINGLE POLE MOUNTED A MAX OF 48" ABOVE THE FLOOR			
4		LIGHT FIXTURE, WALL MOUNT UL LISTED TO U.S. SAFETY STANDARDS FOR ALL WET LOCATIONS RAB SLIM18N (18W) (0.20A)			
6		48" LED VAPOR TIGHT CEILING/WALL MOUNT LIGHT LITHONIA CSVT L48 5000LM 40K 80CRI 4,298LM 40K: (35.3W)			
1		DEFIANT DAYLIHT ADJUSTING DIGITAL ITMER SWITCH			
3		OCCUPANCY SENSOR WALL MOUNT ACUITY SENSOR SWITCH WVR PDT 16 WIDE VIEW SENSOR: (120/277,347 VAC 13 AMPS/POLE 347 VAC MUST BE SAME PHASE)			
3		HAND DRYER WALL MOUNT WORLD DRYER SLIMDRI (950 W) (8.3A A)			

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EXPIRES 12-31-26

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PROJECT:

DISTRICT WIDE FLUSH WASHROOMS 25-26

SHEET TITLE:

NAPERVILLE, ILLINOIS

ELECTRICAL SCHEDULE

PROJECT #:

DWFO3

DATE:

09/09/2025

DRAWN BY:

ZW

REV.

DATE:

BY:

REVISIONS:

SHEET NO.

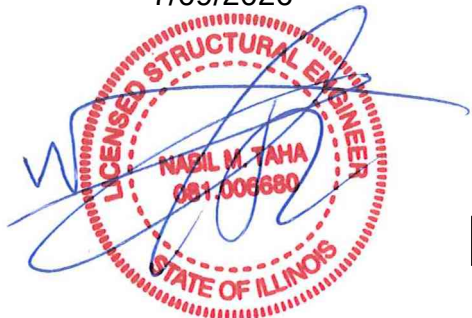
E1

ROMTEC HAS DESIGNED THIS ELECTRICAL SYSTEM TO MEET THE NEEDS OF THIS SPECIFIC FACILITY. SITE DESIGN AND ENGINEERING BY OTHERS. OWNER IS RESPONSIBLE TO PROVIDE ALL SERVICE AND/OR UTILITY ENTRANCE DESIGN. FIELD VERIFY THAT SERVICE CONDUCTOR SIZE IS ADEQUATE FOR VOLTAGE DROP. ANY ADDITIONAL POWER OR LIGHTING LOADS NOT SHOWN ON THESE PLANS SHALL BE ENGINEERED BY OTHERS.

NOTE:
SEE SHEETS A1.4, A2.1, & A2.2
FOR LOCATIONS - HEIGHTS OF
ELECTRICAL FIXTURES.

NOTE: BREAKER PANEL MAY BE
RELOCATED AT THE DISCRETION OF THE
INSTALLER, PANEL MUST MAINTAIN ALL
APPLICABLE CODE CLEARANCES.

7/09/2026



Exp. 11/30/2026



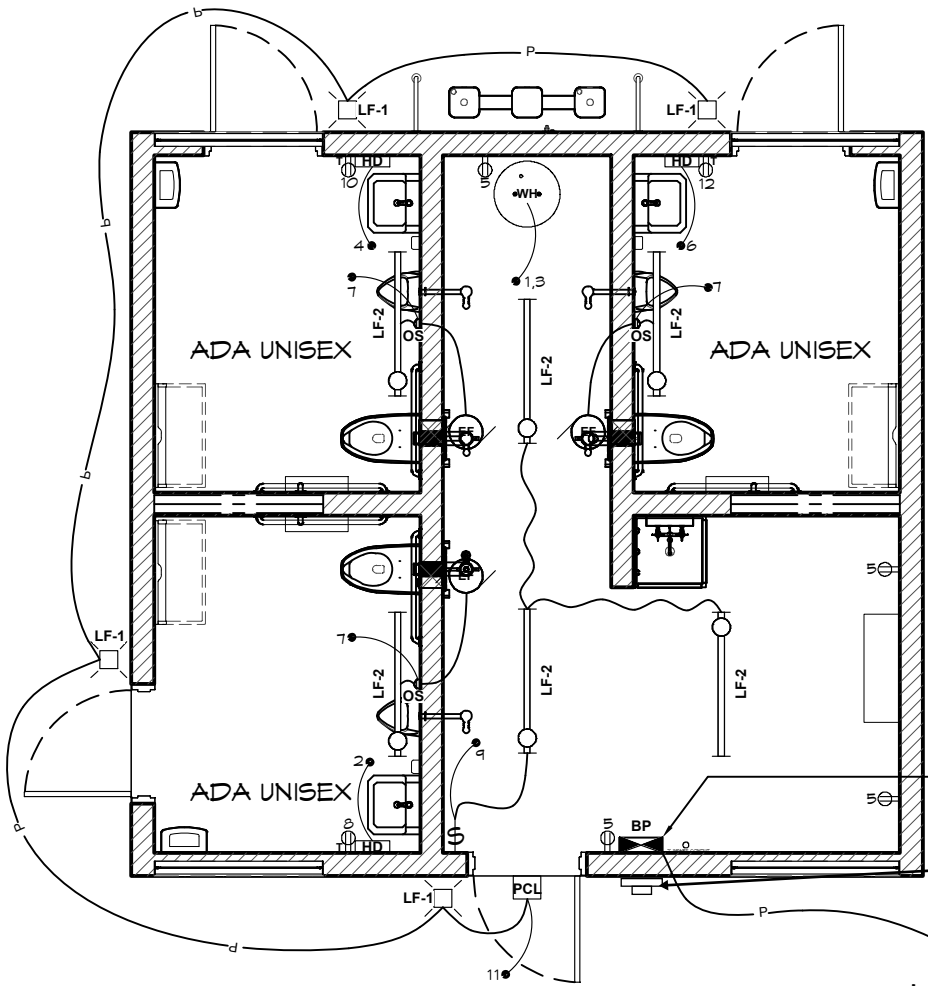
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200 AMP
BREAKER PANEL

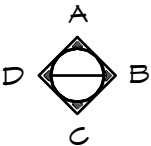
6/22/2026

ELECTRICAL UTILITY
METER

UNDERGROUND ELECTRICAL SERVICE -
OWNER TO VERIFY REQUIREMENTS FOR
TYING INTO SERVICE UTILITY EQUIPMENT.

6/22/2026

1 ELECTRICAL PLAN
SCALE: 3/16" = 1'-0"



PROJECT: DISTRICT WIDE FLUSH WASHROOMS 25-26
NAPERVILLE, ILLINOIS
SHEET TITLE: ELECTRICAL PLAN

PROJECT #: DWFO3
DATE: 09/09/2025

DRAWN BY: ZW

REV.	DATE:	BY:
1	6-22-2026	ZW

REVISIONS:

E2

SHEET NO.

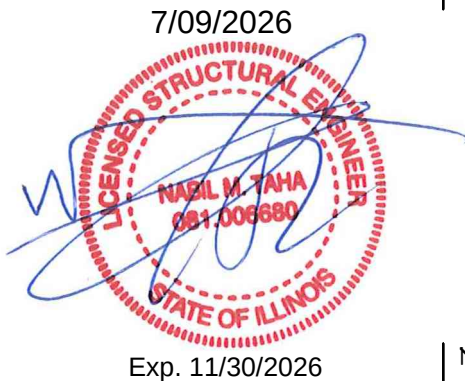
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SEE
DETAIL 3/E3



E3



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BREAKER PANEL																	10K AIC RATING				
200 AMP			MAIN BREAKER			120 / 240 VOLTS											1-PHASE, 3-WIRE				
FEEDER SIZE:			ALUM: 3 #250 PH, #4 GRD, 2" C											SURFACE MOUNTED							
ELECTRICAL WIRING:			GROUNDED & BOND PER - NEC											USE XHHW-2 CU CONDUCTORS							
LOAD DISTRIBUTION			LTG	REC	MOTOR	DATA	HEAT	MISC				PH-A	PH-B	= TOTAL	AMPS		WITH SPARE	25%			
CONNECTED VA			479	1260	2850	0	4500	0				5156	3933	= 9089	43		11361	54			
DIVERSITY FACTOR			125%	100%	100%	100%	100%	100%						=							
DIVERSIFIED VA			599	1260	2850	0	4500	0				5182	4026	= 9209	43		11511	54			
PL	T		LOAD	VA	HP	PHW	GND	CON	BKR		PH		BKR	CON	GND	PHW	HP	VA	LOAD	T	PL
1	H		WATER HEATER	2250		10	10	1/2	30	2	A	1	20	1/2	12	12		950	HAND DRYER 1	M	2
3	H			2250							B	1	20	1/2	12	12		950	HAND DRYER 2	M	4
5	R		REC: MECHANICAL	720		12	12	1/2	20	1	A	1	20	1/2	12	12		950	HAND DRYER 3	M	6
7	L		LTS: TOILETS	301		12	12	1/2	20	1	B	1	20	1/2	1/2	12		180	REC: TOILET 1	R	8
9	L		LTS: MECH	106		12	12	1/2	20	1	A	1	20	1/2	1/2	12		180	REC: TOILET 2	R	10
11	L		LTS: EXTERIOR	72		12	12	1/2	20	1	B	1	20	1/2	1/2	12		180	REC: TOILET 3	R	12
13											A										14
15											B										16
17											A										18
19											B										20
21											A										22
23											B										24
25											A										26
27											B										28
29											A										30

ROMTEC HAS DESIGNED THIS ELECTRICAL SYSTEM TO MEET THE NEEDS OF THIS SPECIFIC FACILITY. SITE DESIGN AND ENGINEERING BY OTHERS. OWNER IS RESPONSIBLE TO PROVIDE ALL SERVICE AND/OR UTILITY ENTRANCE DESIGN. FIELD VERIFY THAT SERVICE CONDUCTOR SIZE IS ADEQUATE FOR VOLTAGE DROP. ANY ADDITIONAL POWER OR LIGHTING LOADS NOT SHOWN ON THESE PLANS SHALL BE ENGINEERED BY OTHERS.

ALL SITE ENGINEERING AND BUILDING SOLAR SYSTEM IS SHOWN ON C3 SHEETS

PROJECT:

DISTRICT WIDE FLUSH WASHROOMS 25-26

SHEET TITLE:

NAPERVILLE, ILLINOIS

ELECTRICAL PANEL SCHEDULE

PROJECT #:

DWFO3

DATE:

09/09/2025

DRAWN BY:

ZW

REV.

DATE:

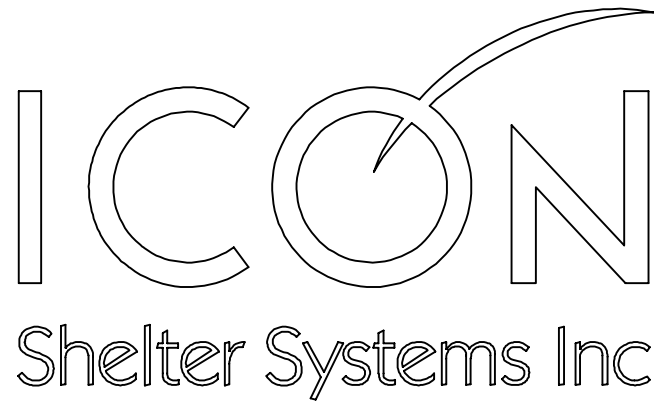
BY:

REVISIONS:

SHEET NO.

E4

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JOB NUMBER: 11422
JOB NAME: GREENE VALLEY FOREST PRESERVE
JOB LOCATION: NAPERVILLE IL 60565

REVISION: B
A - INITIAL SUBMITTAL REVISION (DTH 10/7/2025)
B - CHANGED BUILDING ORIENTATION (DTH 11/19/2025)

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616.396.0919
800.748.0985
616.396.0944 FX

REV: B DATE: 11/19/2025	APPROVAL FOR FABRICATION REQUIRED: BY SIGNING THIS FABRICATION APPROVAL, I AUTHORIZE ICON SHELTERS TO FABRICATE THE PRODUCT AS REPRESENTED AND DESCRIBED WITHIN THIS SUBMITTAL PACKAGE, WITH NO FURTHER CHANGES OR AMENDMENTS REQUIRED. THIS APPROVED SUBMITTAL DOCUMENT SUPERSEDES ALL OTHER DESIGN DOCUMENTS RELATED TO THIS SHELTER/PRODUCT AND REPRESENTS THE FINAL DESIGN TO BE FABRICATED.	
	PRINT NAME: _____ SIGNATURE: _____	DATE: _____

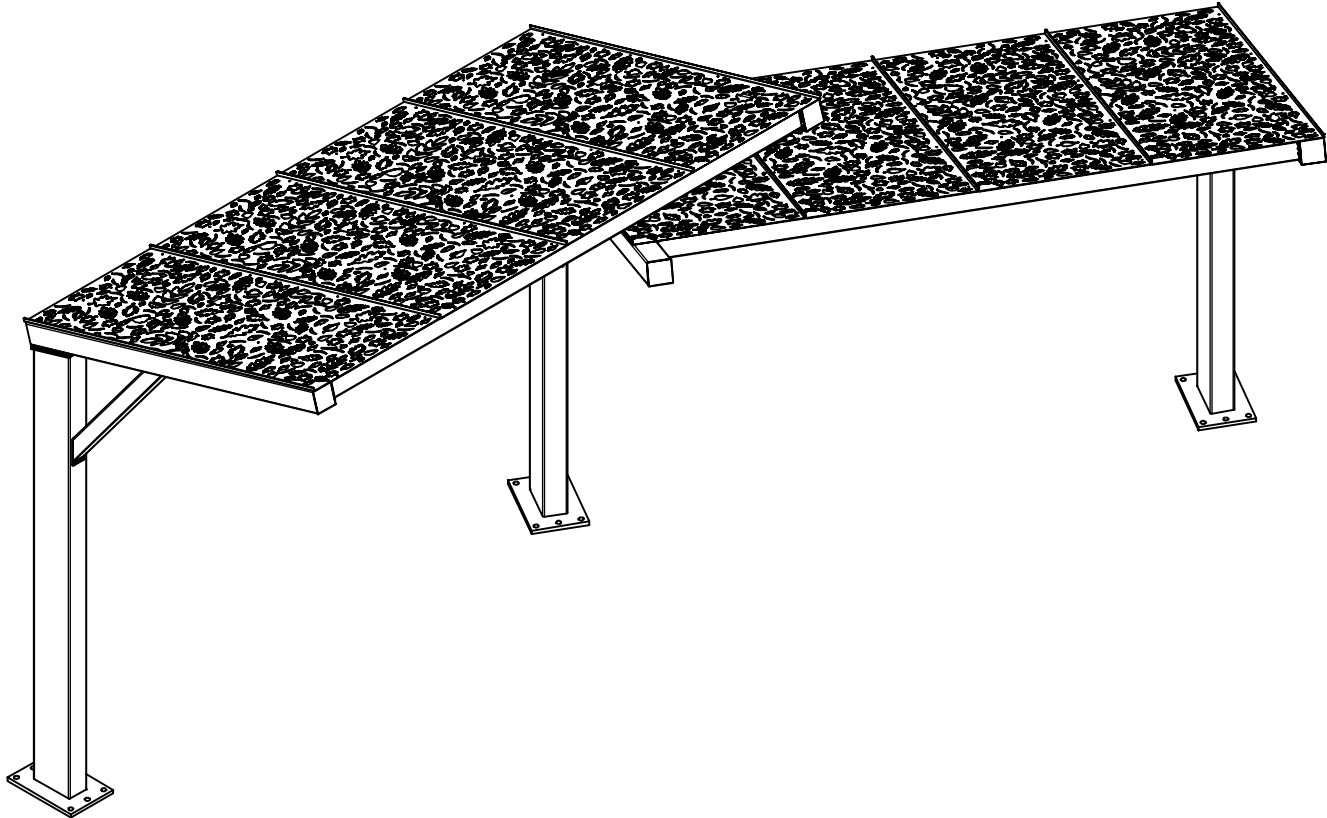
TABLE OF CONTENTS

- 1.0 - 1.1 COVER SHEET/ NOTES
- 2.0 ELEVATION
- 3.0 ANCHOR BOLT LAYOUT
- 4.0 FRAME LAYOUT
- 5.0 - 5.2 FRAME CONNECTIONS

DESIGN LOADS

CODE: 2018 INTERNATIONAL BUILDING CODE

TOTAL DEAD: 10.59 P.S.F.
FRAME DEAD: 7.59 P.S.F.
ROOF DEAD: 1.20 P.S.F.
COLLATERAL DEAD: 1.80 P.S.F.
ROOF LIVE LOAD: 20.00 P.S.F.
GROUND SNOW LOAD: 25.00 P.S.F.
ROOF SNOW LOAD: 21.00 P.S.F.
WIND SPEED: 107.00 M.P.H.
EXPOSURE: C
SEISMIC USE GROUP: I
SEISMIC SITE CLASS: D
SEISMIC DESIGN CATEGORY: A
SEISMIC ANALYSIS: SIMPLIFIED

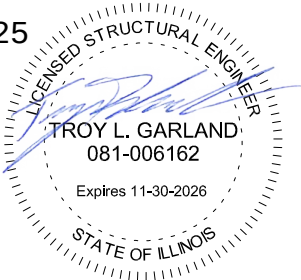


MATERIALS

TUBE STEEL (HSS HOLLOW STRUCTURAL SECTION)	(ASTM DESIGNATION)
WIDE FLANGE SECTIONS	A - 500 GRADE B / C
STRUCTURAL STEEL PLATE	A - 992
ROOF PANELS (STEEL)	A - 36, A - 572 GRADE 50
ANCHOR BOLTS	A - 792
CONNECTION BOLTS	F1554 GRADE 55
	F3125 GRADE A325

FABRICATOR APPROVALS
CLARK COUNTY STEEL FABRICATOR NUMBER: 707
CITY OF LOS ANGES FABRICATOR NUMBER: FB03254

11/20/25



THIS SEAL PERTAINS ONLY TO THE MATERIALS AND INFORMATION SHOWN ON THESE DRAWINGS. THIS SEAL DOES NOT SERVE AS - OR REPRESENT - THE PROJECT ENGINEER OF RECORD AND SHALL NOT BE CONSTRUED AS SUCH.

COVER SHEET

DRAWN BY: DTH
DATE: 11/19/2025
JOB NO.: 11422
REVISION: B
BUILDING TYPE: FAS8X26Z - P3.5
PROJECT NAME: GREENE VALLEY FOREST PRESERVE NAPERVILLE IL 60565

SHEET
1.0

NOTES:

ALL WELDING CONFORMS TO THE LATEST EDITION OF AWS D1.1 OR D1.3 AS REQUIRED.
ALL WELDING IS PERFORMED BY AWS CERTIFIED WELDERS. THERE IS NO FIELD WELDING REQUIRED, U.N.O.

FOUNDATIONS HAVE BEEN DESIGNED WITH CLASS 5 SOILS PRESUMPTIVE LOAD - BEARING VALUES IN ACCORDANCE WITH BUILDING CODE REQUIREMENTS. VERTICAL FOUNDATION PRESSURE: 1,500 PSF. LATERAL BEARING PRESSURE: 100 PSF/FT. COHESION 130 PSF. IF SITE - SPECIFIC SOILS DO NOT MEET THE REQUIREMENTS FOR SOIL CLASS 5 , CONTACT A LOCAL GEOTECHNICAL ENGINEER.

DUE TO STANDARDIZED FABRICATION, PARTS SHOWN MAY BE UPGRADED. REFER TO THE SHIPPING BILL OF MATERIALS FOR POSSIBLE SUBSTITUTIONS.

ICON SHELTER SYSTEMS INC. RECOMMENDS THAT THE PRIMARY FRAMING INSTALLER AND THE ROOF INSTALLER HAVE A MINIMUM OF FIVE (5) YEARS OF DOCUMENTED EXPERIENCE INSTALLING THIS TYPE OF PRODUCT.

HIGH STRENGTH BOLTING:
ALL HIGH STRENGTH BOLTS ARE F3125 GRADE A325 BOLTS WITH HEAVY HEX NUTS. THE BOLTS ARE TO BE INSTALLED UTILIZING THE "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS" (8/1/2014) AS PREPARED BY RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC) FOR THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC). THE BOLTS SHALL BE INSTALLED AS SNUG TIGHTENED WHICH IS DEFINED AS THE TIGHTNESS THAT IS ATTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH TO BRING THE PLIES INTO FIRM CONTACT, WHICH IS THE CONDITION WHEN THE PLANES OF CONTACT BETWEEN TWO PLIES ARE SOLIDLY SEATED AGAINST EACH OTHER, BUT NOT NECESSARILY IN CONTINUOUS CONTACT WITH UTILIZATION OF THE SNUG TIGHTENING METHOD, NO WASHERS ARE REQUIRED.
ALL CONNECTIONS ARE BEARING TYPE CONNECTIONS UNLESS NOTED OTHERWISE.

BEFORE ERECTING THE FRAME, VERIFY ALL BOLTS AND NUTS ARE CLEAN OF DEBRIS AND BURRS - INCLUDING THE HARDWARE ALREADY FASTENED INSIDE THE MEMBERS. CHASING THREADS ON SOME BOLTS AND NUTS MAY BE REQUIRED. APPLICATION OF THREAD WAX MAY BE USED TO ASSIST IN TIGHTENING (NOT BY ICON).

IT IS THE RESPONSIBILITY OF THE INSTALLER TO INSURE PROPER TIGHTNESS.

PROPER ERECTION OF THE FRAMING MEMBERS REQUIRES THE MAIN COLUMNS TO BE PLUMB & SQUARE. COLUMNS, RAFTER, AND TIE BEAM CONNECTIONS MUST BE TIGHTENED BEFORE INSTALLING THE PURLINS. PURLINS MUST BE PARALLEL TO THE TIE BEAMS AND EAVE BEAMS.

ICON RECOMMENDS TO NOT FULLY TIGHTEN CONNECTION HARDWARE UNTIL THE MAJORITY OR ENTIRETY OF FRAME COMPONENTS ARE ERECTED. PURLINS OR OTHER MEMBERS THAT REQUIRE SCREW FASTENERS SHOULD BE INSTALLED LAST. THIS ALLOWS FOR MOVEMENT OF MEMBERS TO HELP ALIGN THE SHELTER AS INTENDED.

THE TOUCH - UP KIT SHOULD BE UTILIZED FOR ANY EXPOSED STEEL (CHIPS, SCUFFS, OR SCRATCHES) THAT MAY RESULT FROM SHIPPING, HANDLING, OR INSTALLATION OF SHELTER COMPONENTS. ROUTINE TOUCH - UP IS RECOMMENDED.

WHEN DRILLING OPERATIONS ARE REQUIRED, METAL SHAVINGS CAN ACCUMULATE AND MUST BE QUICKLY AND CAREFULLY REMOVED TO PREVENT RUST AND STAINS ON SHELTER COMPONENTS (FRAME AND ROOF). THIS SHOULD BE CHECKED AND PERFORMED AT THE END OF EACH DAY OF INSTALLATION BY SWEEPING, BRUSHING, AND/OR USING COMPRESSED AIR.

THE ENGINEERING AND DETAILING FOR THIS STRUCTURE IS ONLY VALID IF ICON SHELTERS SYSTEMS FABRICATES THE COMPONENTS.

CARE & MAINTENANCE:

ICON REQUIRES THAT THE COATED PRODUCTS LOCATED NEAR A SEASHORE (SALT WATER) ENVIRONMENT BE SYSTEMATICALLY CLEANED, TO REMOVE SALT DEPOSITS PER THE FOLLOWING CLEANING PROGRAM:

A. PERIODIC CLEANING AND INSPECTION OF THE STRUCTURES IS REQUIRED TO REMOVE CONTAMINANTS THAT CAN CAUSE CHEMICAL OR MECHANICAL FILM DEGRADATION IF LEFT EXPOSED FOR LONG PERIODS OF TIME.

B. CLEANING AND INSPECTION MUST COMMENCE IMMEDIATELY AFTER INSTALLATION TO CLEAN ANY SOILS, CONCRETE, OR OTHER CONTAMINANTS THAT HAVE BEEN DEPOSITED DURING THIS TIME. FOR APPLICATION OF WARRANTY, CLEANING MUST BE DOCUMENTED, AND PROPER RECORDS KEPT, OR WARRANTIES ARE CONSIDERED NULL AND VOID.

I. NON - HAZARDOUS ENVIRONMENTS - CLEAN AND CHECK EVERY 12 MONTHS.

II. TROPICAL ENVIRONMENTS - CLEAN AN CHECK EVERY 9 MONTHS.

III. SWIMMING AND LEISURE POOLS - CLEAN AND CHECK EVERY 3 MONTHS.

IV. MARINE ENVIRONMENTS - CLEAN AND CHECK EVERY 3 MONTHS.

V. INDUSTRIAL ENVIRONMENTS - CLEAN AND CHECK EVERY 3 MONTHS.

VI. HAZARDOUS ENVIRONMENTS - CLEAN AND CHECK MONTHLY.

C. DO NOT USE ABRASIVE CLEANERS OR ABRASIVE IMPLEMENTS SUCH AS STEEL WOOL, SANDPAPER, OR WIRE BRUSHES.

D. CLEANING AGENTS SHOULD ALWAYS BE TESTED IN AN AREA THAT IS NOT EASILY SEEN BEFORE USE.

E. STRONG SOLVENTS SHOULD NOT BE USED.

F. ALWAYS RINSE CLEANER WITH PLENTIFUL AMOUNTS OF CLEAN WATER.

G. MILDEW CAN BE REMOVED WITH A SOLUTION OF:

I. 1/3 CUP DETERGENT.

II. 2/3 CUP TRISODIUM PHOSPHATE

III. 1- QUART SODIUM HYPOCHLORITE, 5% SOLUTION (BLEACH)

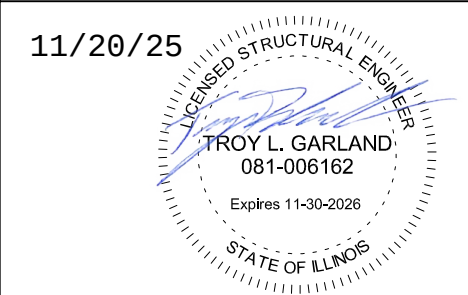
RECEIVING SHIPMENTS:

PERFORM A FULL INVENTORY OF ALL ITEMS RECEIVED UPON DELIVERY. ANY DEFECTS OR DAMAGE MUST BE ANNOTATED ON THE BILL OF LADING AND REPORTED TO ICON SHELTER SYSTEMS AS SOON AS POSSIBLE.

PLASTIC WRAP ON COMPONENT BUNDLES MUST BE REMOVED WITHIN 5 DAYS OF DELIVERY. FAILURE TO COMPLY MAY DAMAGE COATING AND WILL VOID WARRANTY. EXTRA PRECAUTION SHOULD BE TAKEN TO AVOID DAMAGE TO MEMBER FINISH.

TOUCH - UP KITS SHOULD BE REMOVED FROM SHIPMENT BUNDLES AND STORED INDOORS WITH MINIMAL HEAT FLUCTUATION. OPTIMAL STORAGE TEMPERATURE IS 70 DEG F. PAINT WILL QUICKLY DEGRADE AT TEMPERATURES LOWER THAN 40 DEG F, AND HIGHER THAN 90 DEG F.

IF METAL ROOF PANELS ARE NOT TO BE INSTALLED WITHIN 2 WEEKS, ICON RECOMMENDS KEEPING IN A CLIMATE CONTROLLED STORAGE FACILITY OR A COVERED, LOW HUMIDITY ENVIRONMENT. ROOF MATERIALS CAN QUICKLY DEVELOP STORAGE STAINS FROM EXCESS MOISTURE BETWEEN PANELS/TRIM WHICH CAN BE DIFFICULT, OR IMPOSSIBLE, TO FULLY REMOVE.



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616.396.0919

800.748.0985

616.396.0944 FX

NOTES

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DTH

DATE:
11/19/2025

JOB NO.:
11422

REVISION:
B

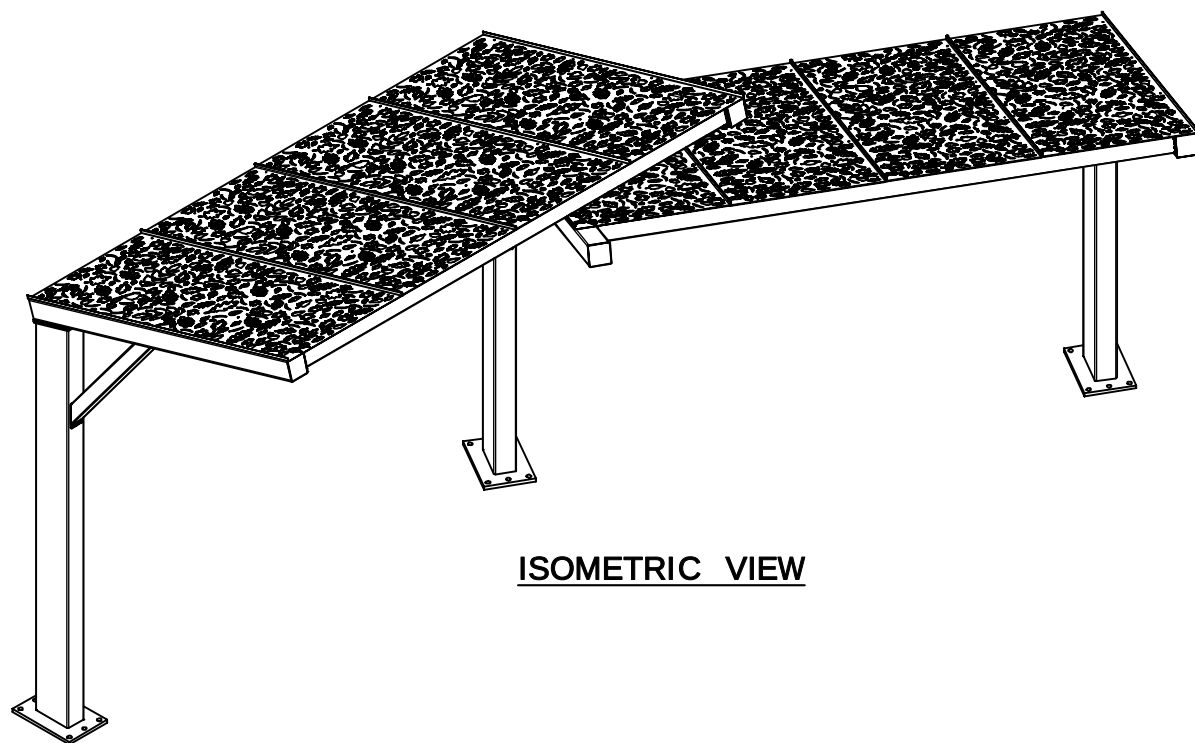
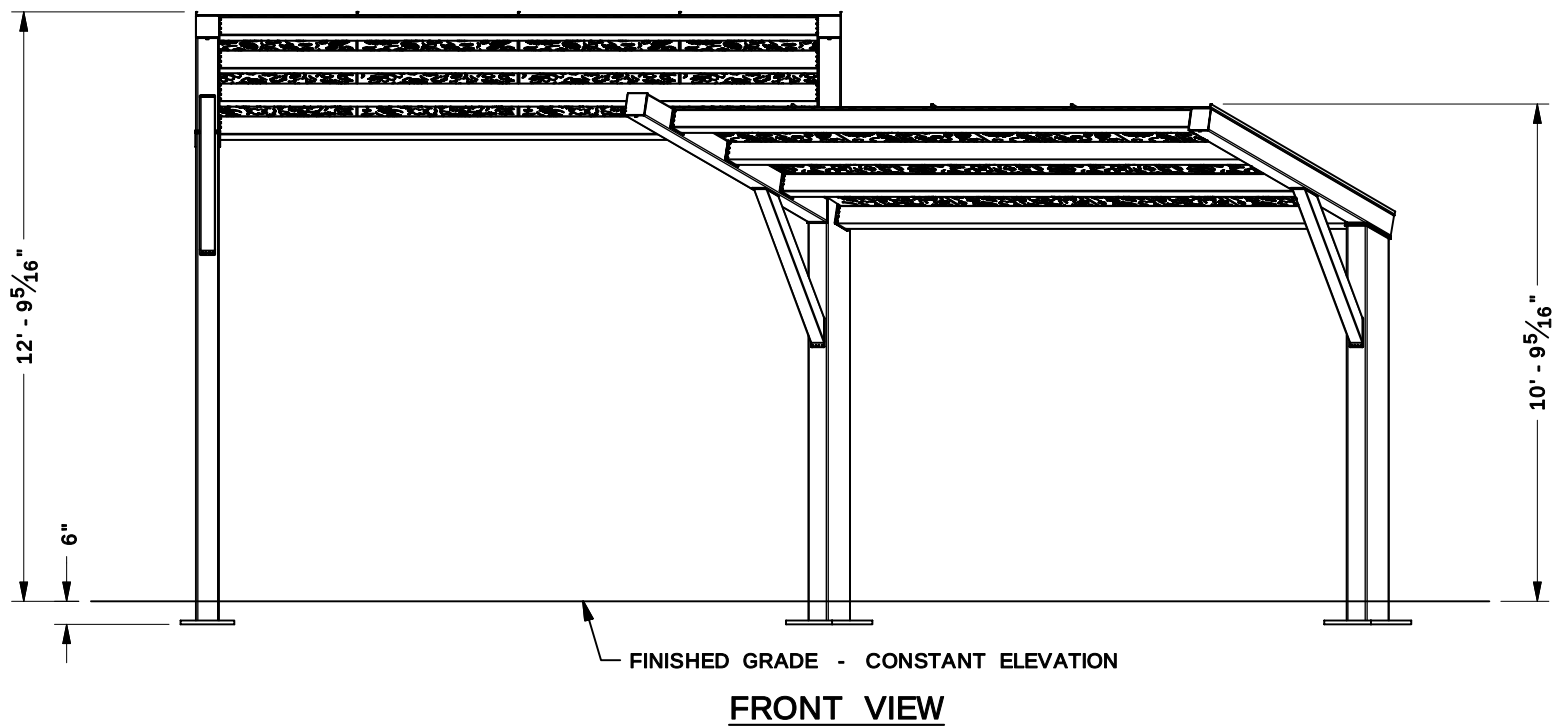
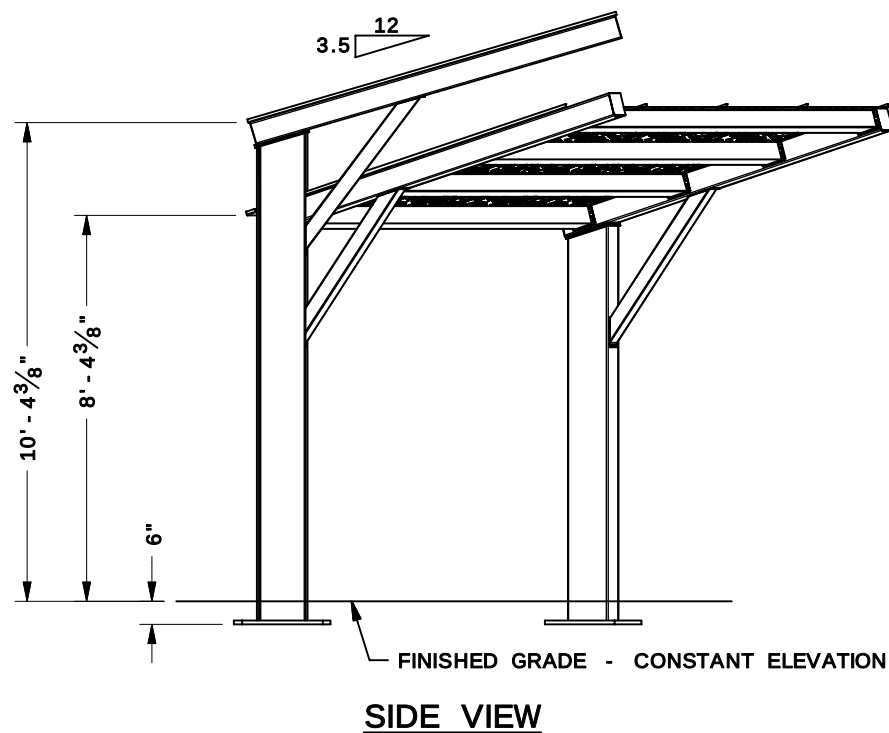
BUILDING TYPE:
FAS8X26Z - P3.5

PROJECT NAME:
GREENE VALLEY
FOREST PRESERVE
NAPERVILLE IL
60565

SHEET
1.1

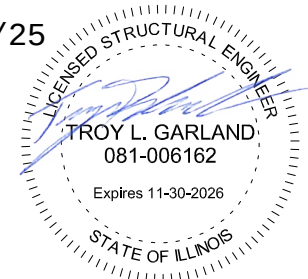
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SHEET 109 of 128

S:\Jobs\11400 Jobs\11422 - FAS8X28Z - P3.5 - Greene Valley Forest Preserve\EngineeringInfo\Drawings\Submittals\11422 - FAS8X31Z - P3.5 - INVENTOR.idw



B

11/20/25



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ELEVATION

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REVISION:

B

BUILDING TYPE:

FAS8X26Z - P3.5

PROJECT NAME:

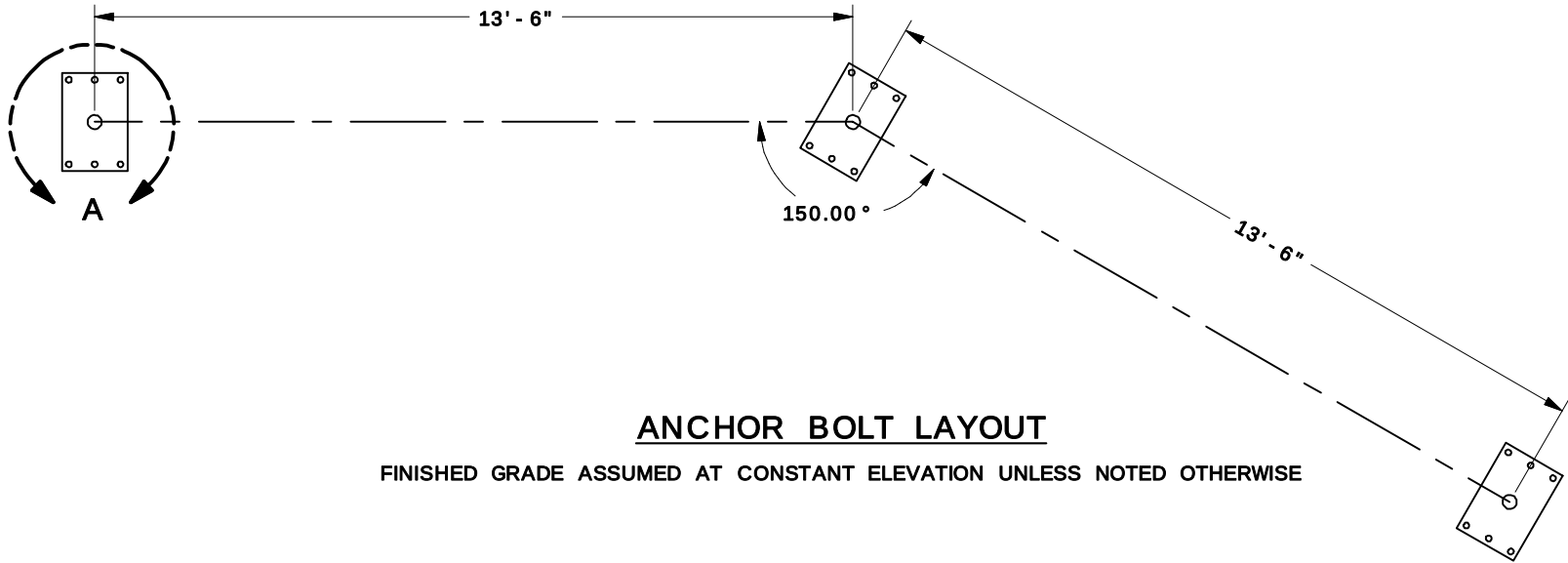
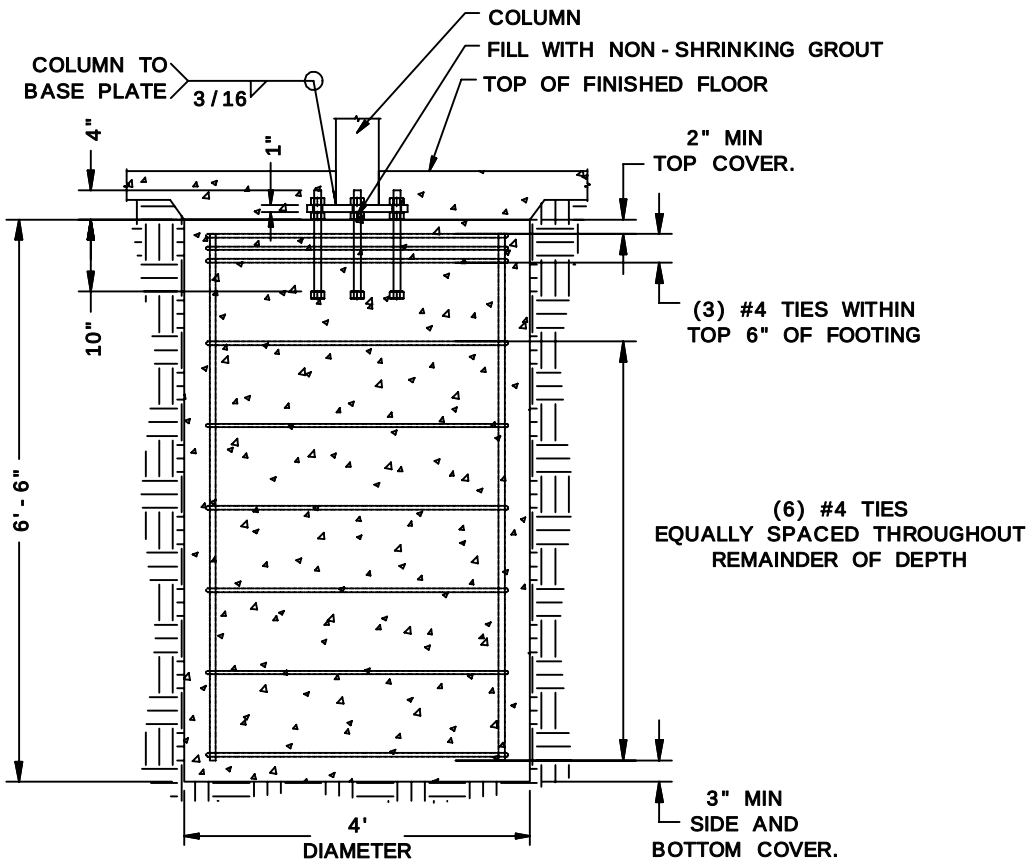
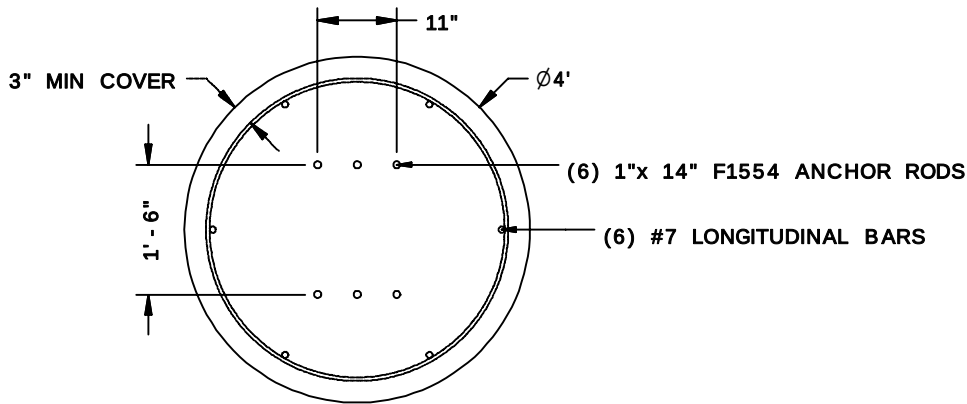
GREENE VALLEY
FOREST PRESERVE
NAPERVILLE IL
60565

SHEET

2.0

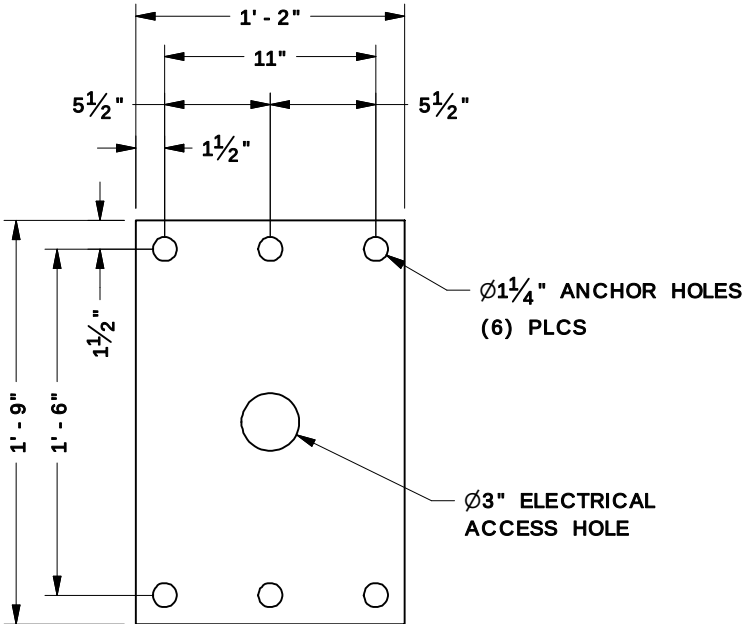
NOTE:
IT IS ESSENTIAL THAT ANCHOR BOLTS ARE PLACED ACCURATELY!
MEASUREMENTS SHOULD BE TAKEN BEFORE AND AFTER FOUNDATIONS
ARE POURED TO CONFIRM DIMENSIONS ARE MET AND COMPONENTS HAVE
NOT SHIFTED. ICON STRONGLY RECOMMENDS UTILIZING ANCHOR BOLT
TEMPLATES TO AID IN THIS PROCESS.

CONCRETE STRENGTH $F'_c = 2500$ PSI
REBAR GRADE $F_y = 60$ KSI
SLAB IS REQUIRED. IF NO SLAB IS TO BE
INSTALLED, CONTACT THE ICON ENGINEERING
DEPARTMENT.



ANCHOR BOLT LAYOUT

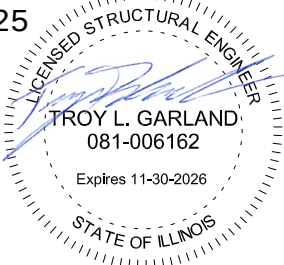
FINISHED GRADE ASSUMED AT CONSTANT ELEVATION UNLESS NOTED OTHERWISE



DETAIL A

BASE PLATE MATERIAL
1" THICK GR50

11/20/25



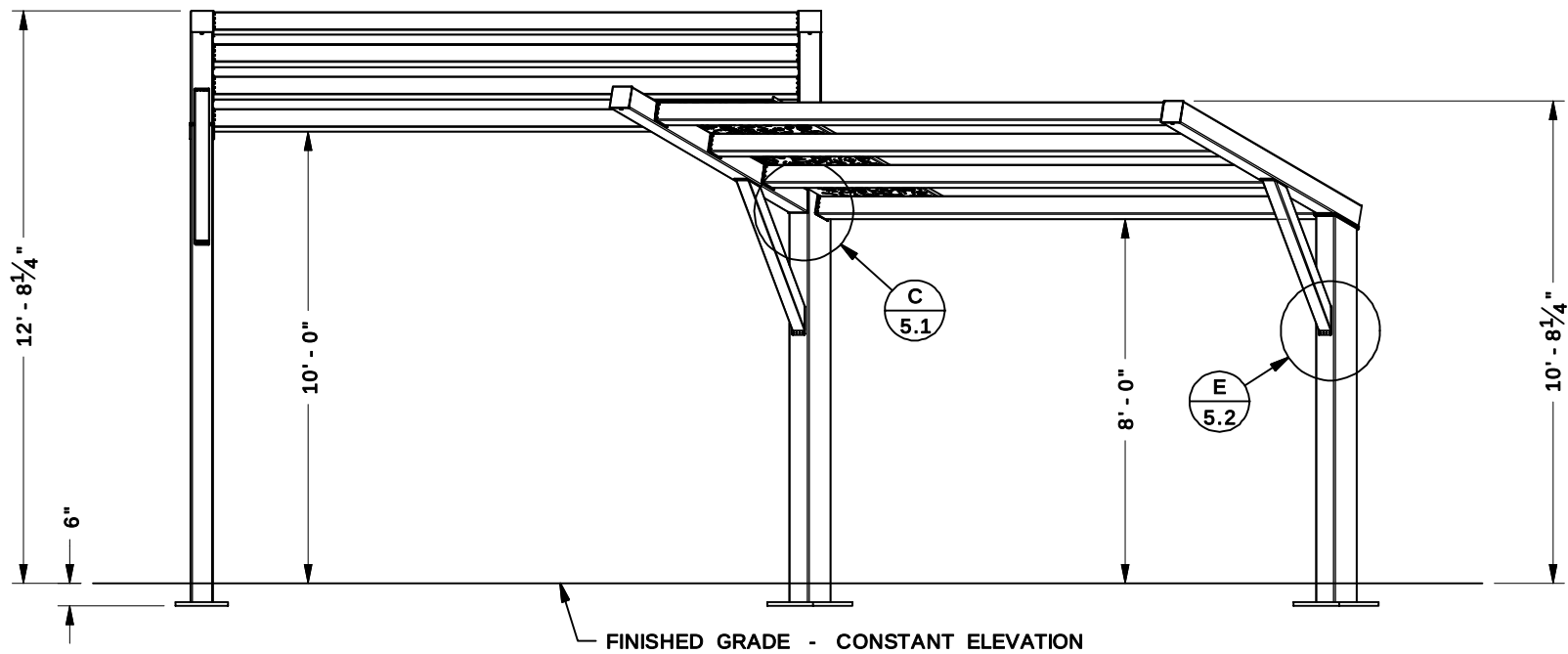
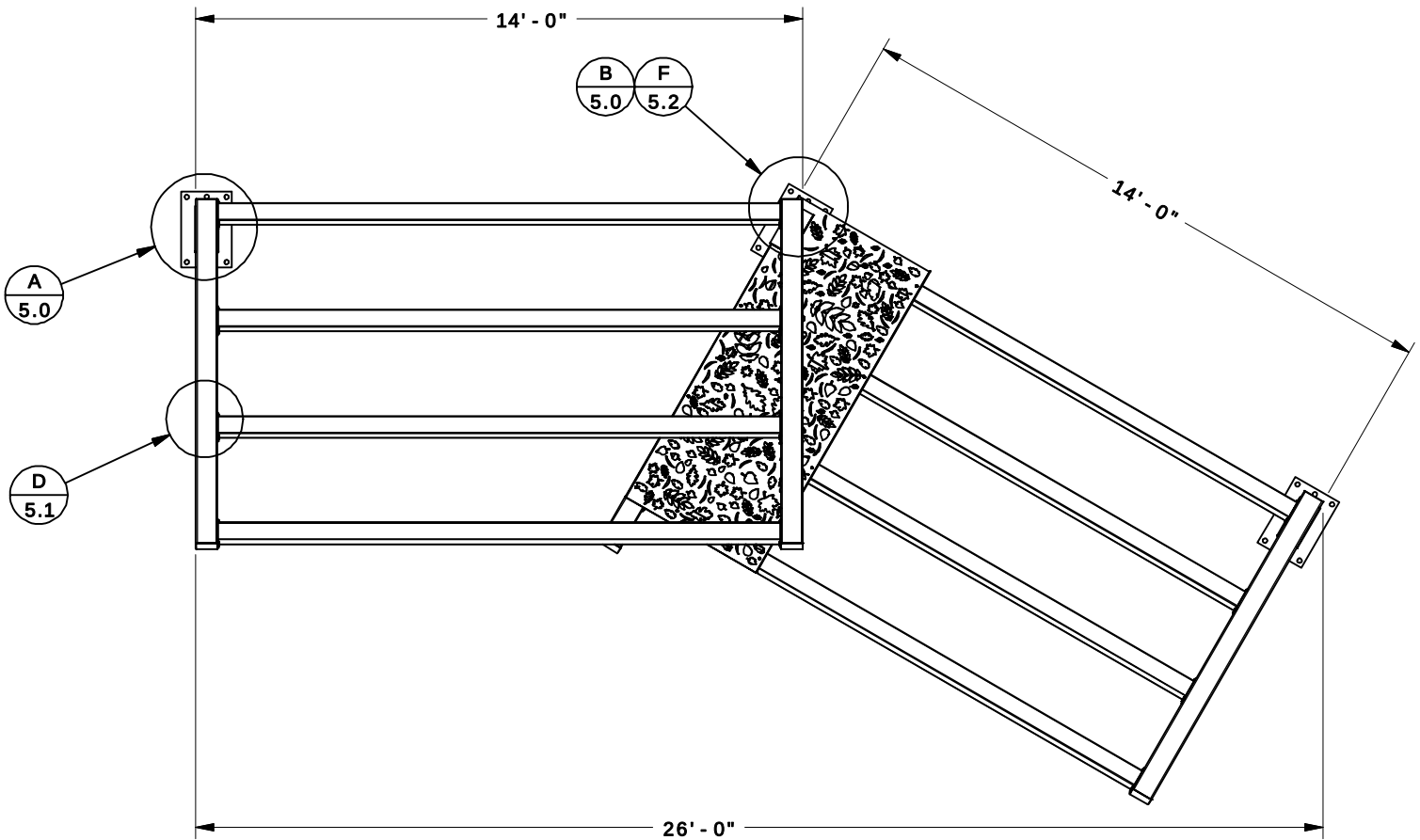
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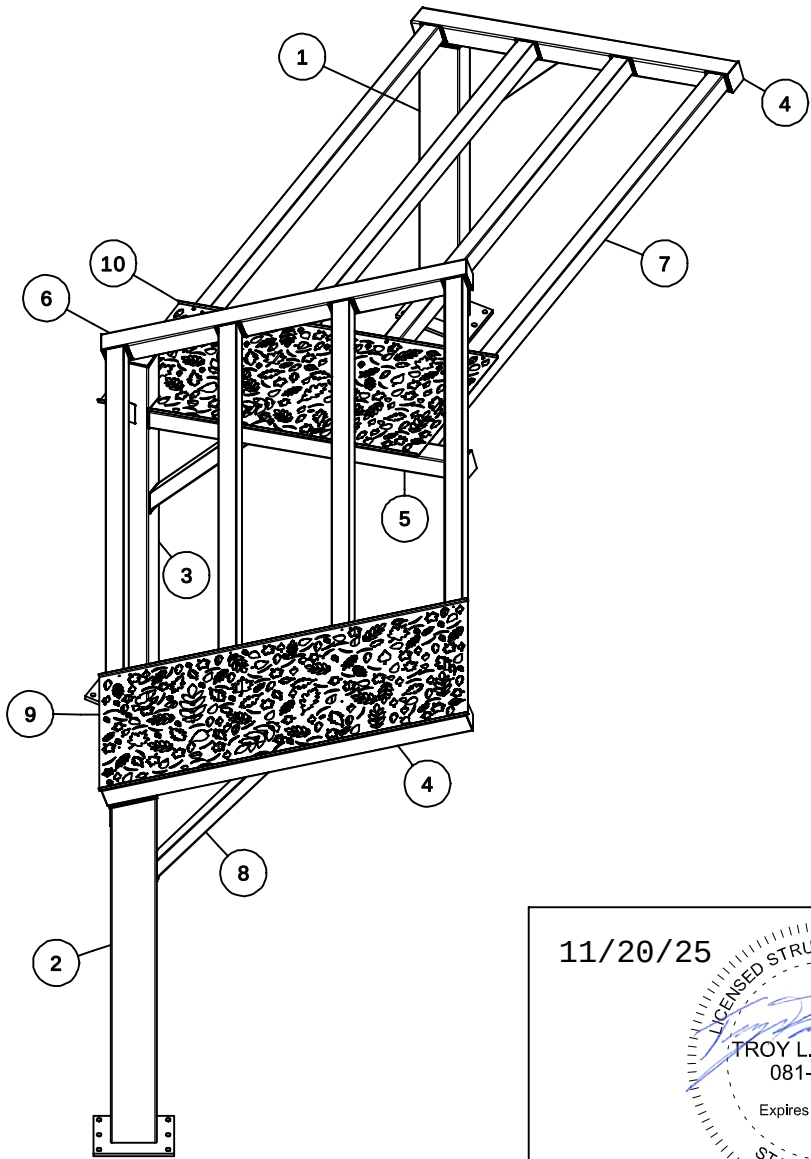
ANCHOR BOLT LAYOUT

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11422
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B
BUILDING TYPE:
FAS8X26Z - P3.5
PROJECT NAME:
GREENE VALLEY FOREST PRESERVE NAPERVILLE IL 60565

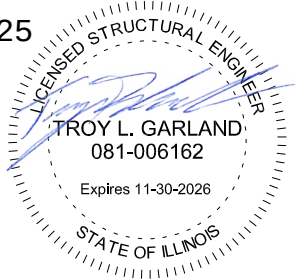
SHEET
3.0



ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	LENGTH	UNIT WEIGHT
1	1		COLUMN 1	HSS12X6X0.1875		273 lbmass
2	1		COLUMN 2	HSS12X6X0.1875		318 lbmass
3	1		COLUMN 3	HSS12X6X0.1875		316 lbmass
4	2		RAFTER 1	HSS6X6X0.1875		130 lbmass
5	1		RAFTER 2	HSS6X6X0.1875		126 lbmass
6	1		RAFTER 3	HSS6X6X0.1875		130 lbmass
7	8		PURLIN	HSS5X5X0.125		108 lbmass
8	3		KNEE BRACE	HSS4X4X0.125		25 lbmass
9	7		LASER CUT PANEL 1	11 GA SHEET METAL		107 lbmass
10	1		LASER CUT PANEL 2	11 GA SHEET METAL		105 lbmass



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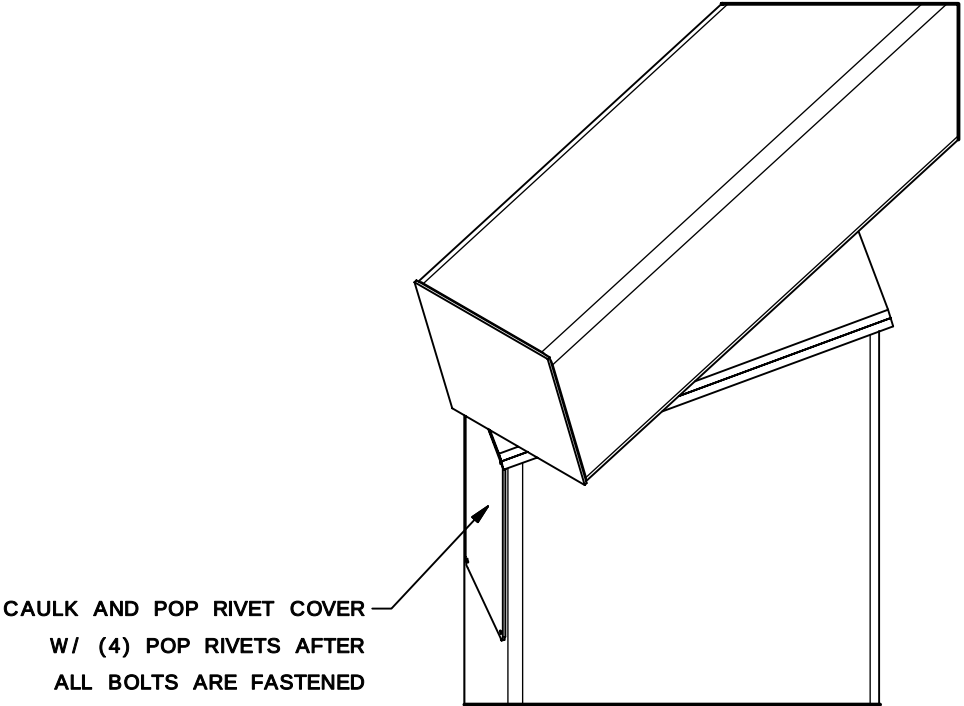
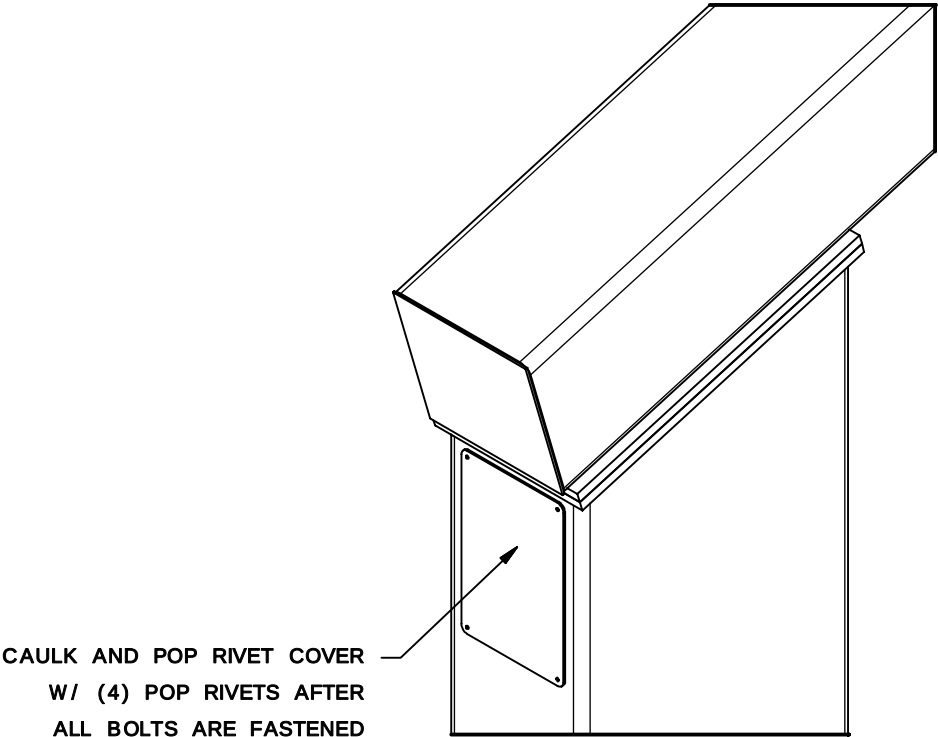
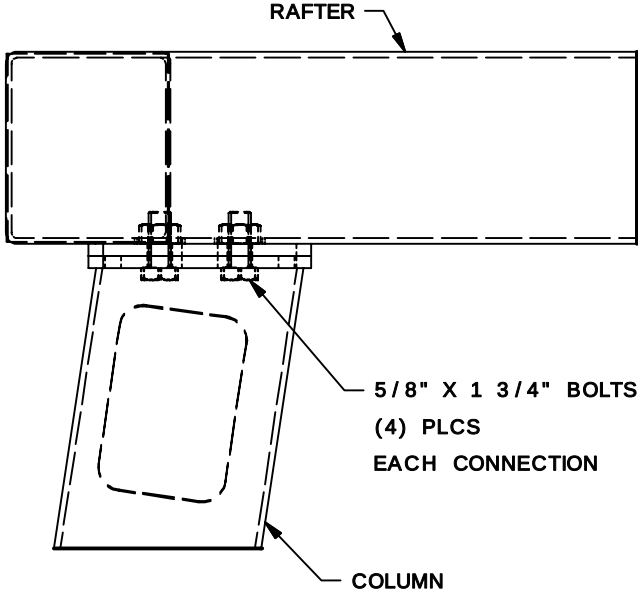
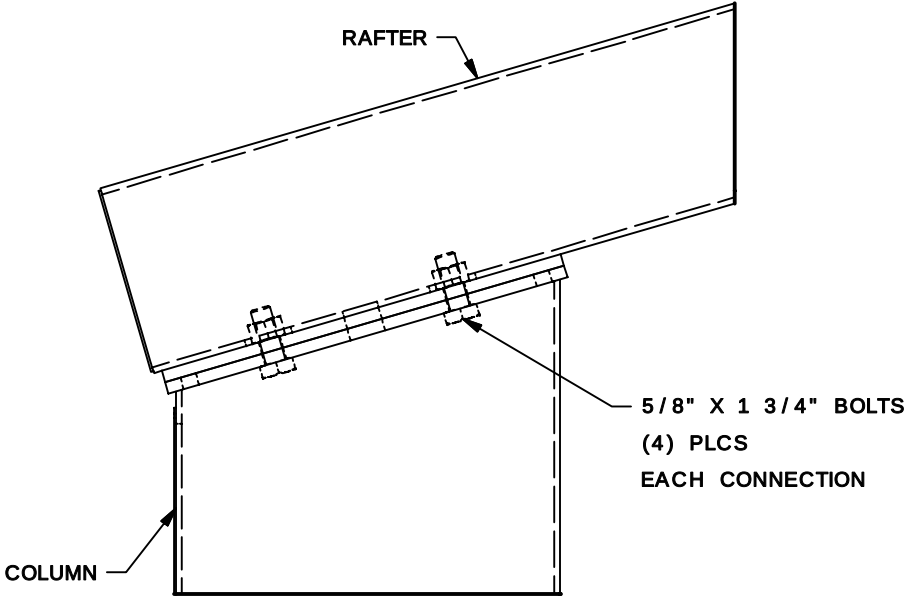
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FRAME LAYOUT

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11422
REVISION:
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BUILDING TYPE:
FAS8X26Z - P3.5
PROJECT NAME:
GREENE VALLEY FOREST PRESERVE NAPERVILLE IL 60565

SHEET

4.0



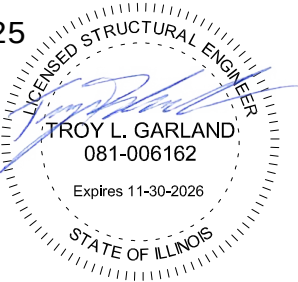
RAFTER CONNECTION
@ COLUMN
DETAIL A

RAFTER CONNECTION
@ COLUMN
DETAIL B

NOTE TO INSTALLERS:
WITH FACTORY POWDERCOATED
SHELTERS, PAINT **EXPOSED**
FASTENERS OF COMPRESSION RINGS,
ORNAMENTATION, KNIFE PLATES, ETC.
WITH PROVIDED TOUCH UP PAINT TO
PREVENT RUSTING OF FASTENERS

PAINT EXPOSED FASTENERS

11/20/25



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FRAME CONNECTIONS

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JOB NO.:

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REVISION:

B

BUILDING TYPE:

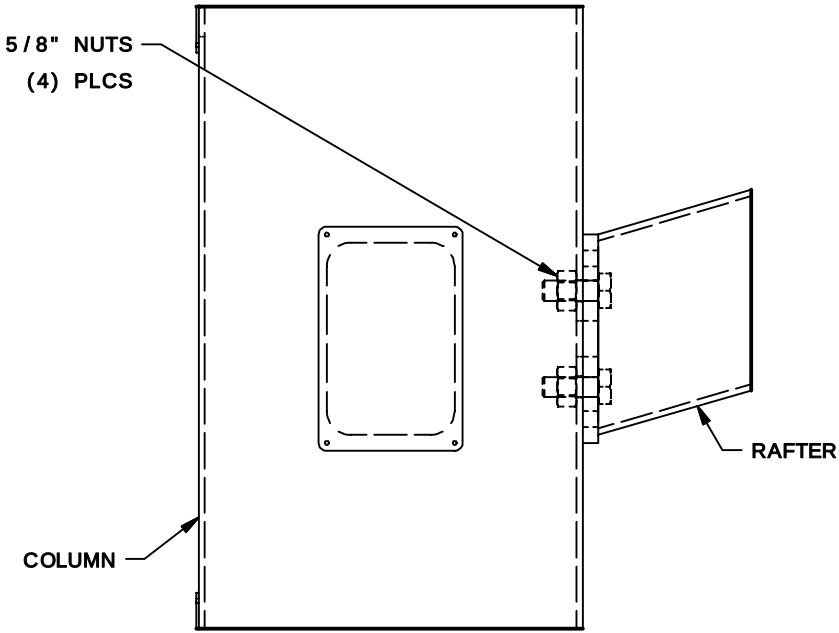
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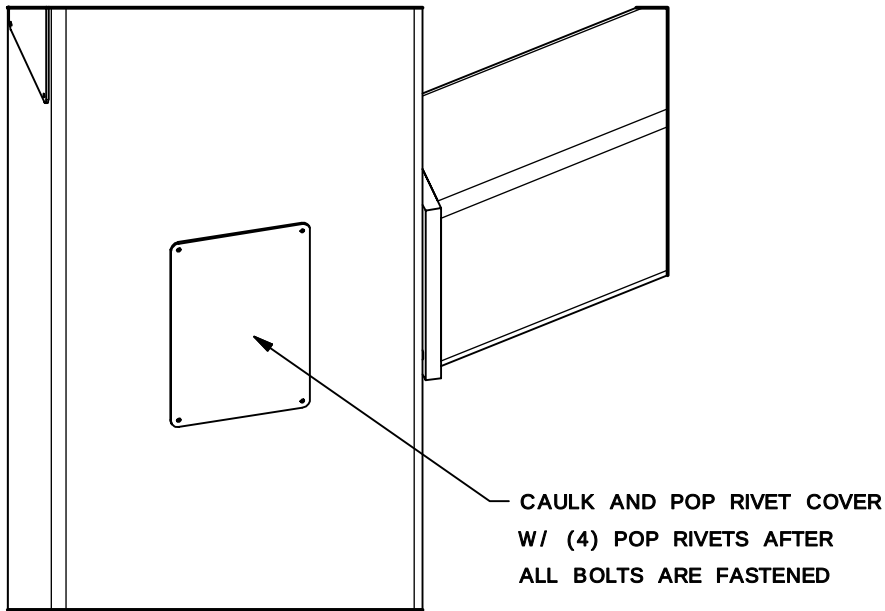
GREENE VALLEY
FOREST PRESERVE
NAPERVILLE IL
60565

SHEET

5.0



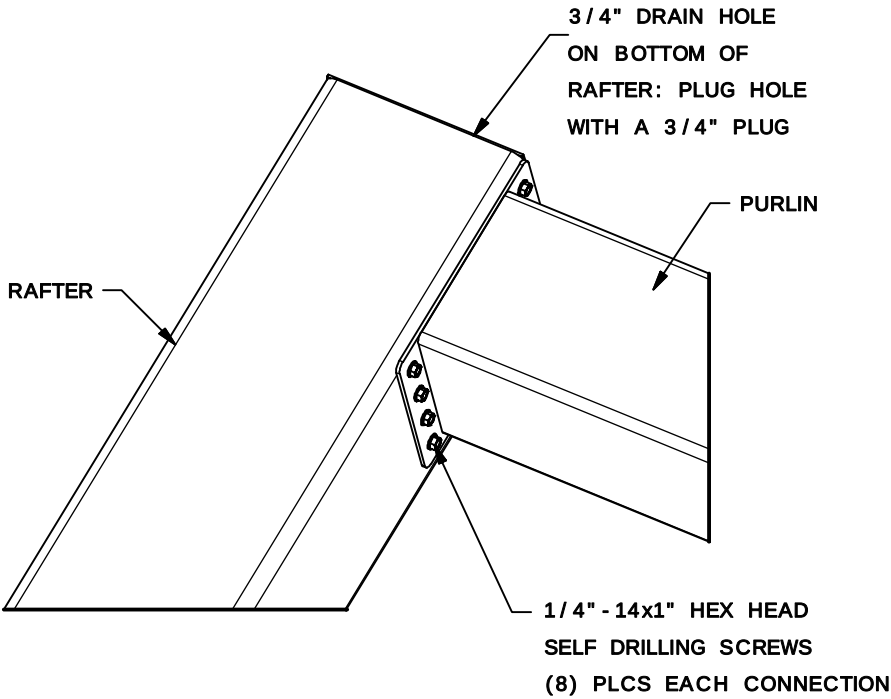
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CAULK AND POP RIVET COVER
W/ (4) POP RIVETS AFTER
ALL BOLTS ARE FASTENED

RAFTER CONNECTION
@ COLUMN

DETAIL C



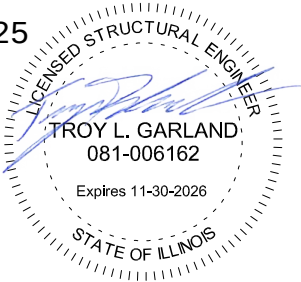
PURLIN CONNECTION
@ RAFTER

DETAIL D

NOTE TO INSTALLERS:
WITH FACTORY POWDERCOATED
SHELTERS, PAINT **EXPOSED**
FASTENERS OF COMPRESSION RINGS,
ORNAMENTATION, KNIFE PLATES, ETC.
WITH PROVIDED TOUCH UP PAINT TO
PREVENT RUSTING OF FASTENERS

PAINT EXPOSED FASTENERS

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BUILDING TYPE:

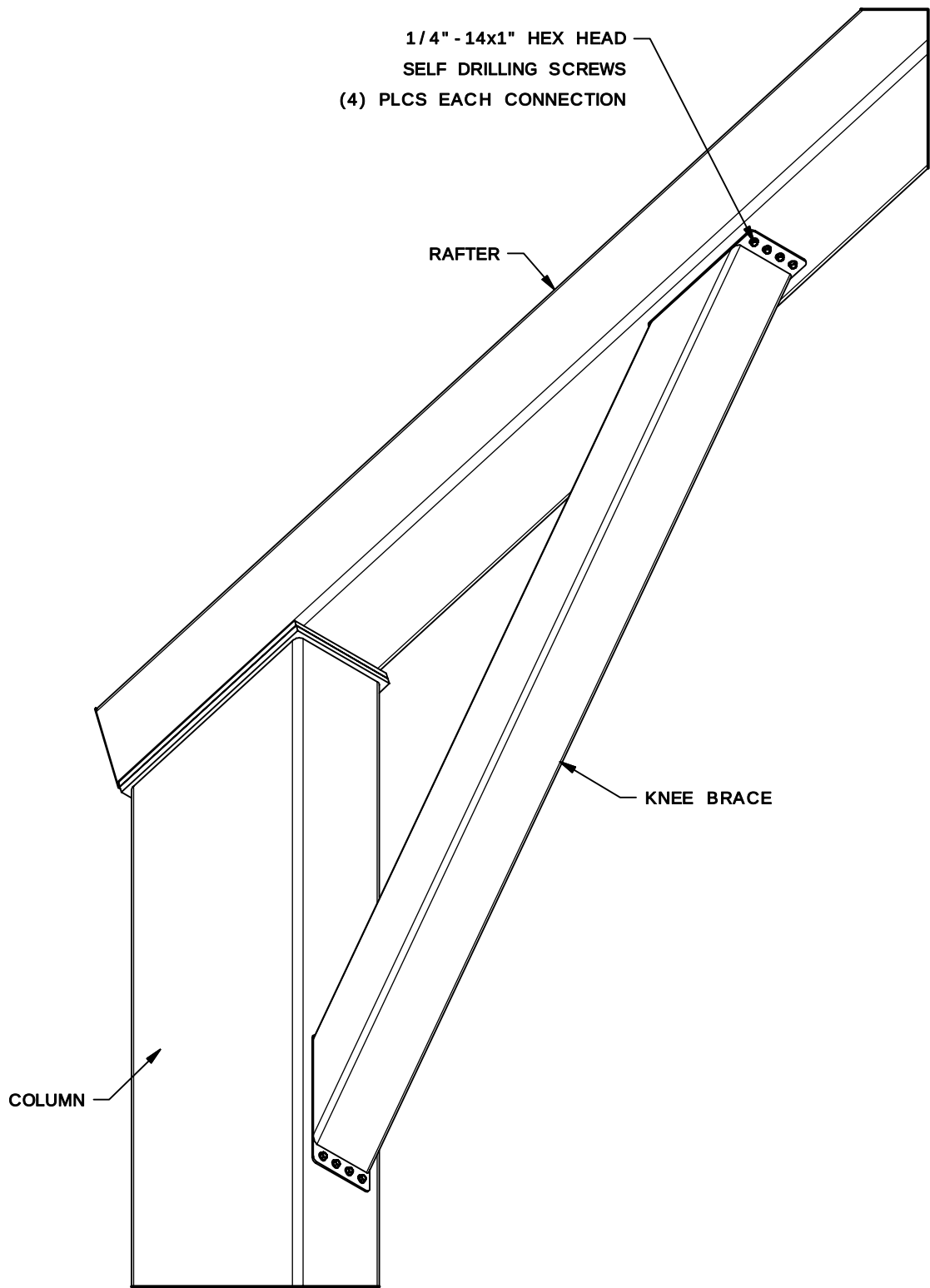
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FOREST PRESERVE
NAPERVILLE IL
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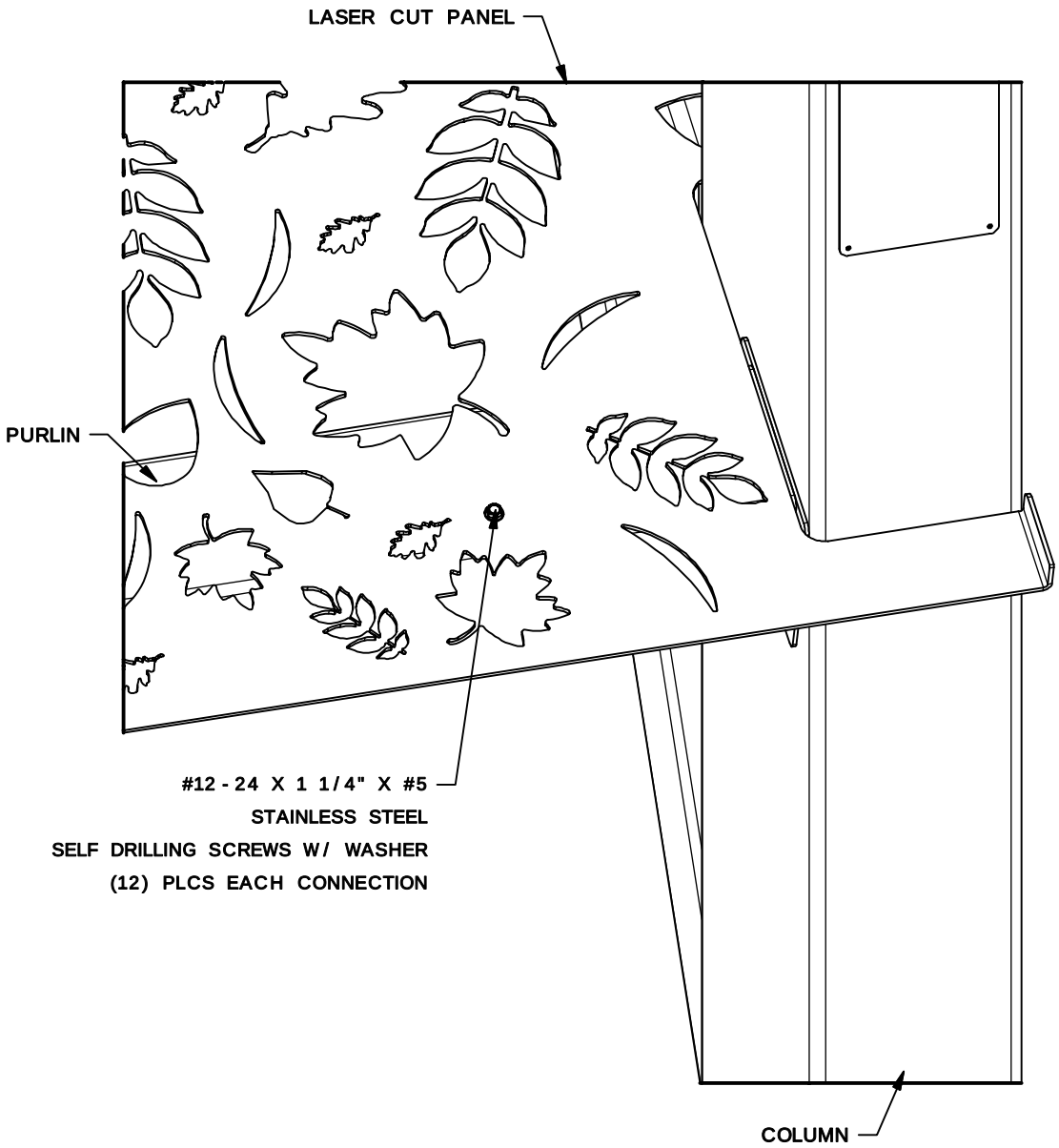
SHEET

5.1



KNEE BRACE CONNECTION
@ COLUMN AND RAFTER

DETAIL E



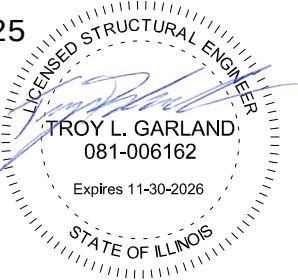
LASER CUT PANEL CONNECTION
@ PURLIN

DETAIL F

NOTE TO INSTALLERS:
WITH FACTORY POWDERCOATED
SHELTERS, PAINT **EXPOSED**
FASTENERS OF COMPRESSION RINGS,
ORNAMENTATION, KNIFE PLATES, ETC.
WITH PROVIDED TOUCH UP PAINT TO
PREVENT RUSTING OF FASTENERS

PAIN EXPOSED FASTENERS

11/20/25



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JOB NO.:

11422

REVISION:

B

BUILDING TYPE:

FAS8X26Z - P3.5

PROJECT NAME:

GREENE VALLEY
FOREST PRESERVE
NAPERVILLE IL
60565

SHEET

5.2



JOB NUMBER: 11344
JOB NAME: GREENE VALLEY FOREST PRESERVE
JOB LOCATION: NAPERVILLE IL 60565

REVISION: D
A - INITIAL SUBMITTAL REVISION (DTH 8/18/2025)
B - REMOVED ORNAMENTATION (DTH 10/8/2025)
C - UPDATED ELECTRICAL CUTOUT (DTH 2/24/2026)
D - REMOVED CRAFTSMAN MEMBERS (DTH 5/28/2026)

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REV: D DATE: 5/28/2026	APPROVAL FOR FABRICATION REQUIRED: BY SIGNING THIS FABRICATION APPROVAL, I AUTHORIZE ICON SHELTERS TO FABRICATE THE PRODUCT AS REPRESENTED AND DESCRIBED WITHIN THIS SUBMITTAL PACKAGE, WITH NO FURTHER CHANGES OR AMENDMENTS REQUIRED. THIS APPROVED SUBMITTAL DOCUMENT SUPERSEDES ALL OTHER DESIGN DOCUMENTS RELATED TO THIS SHELTER/PRODUCT AND REPRESENTS THE FINAL DESIGN TO BE FABRICATED.	
	PRINT NAME: _____	DATE: _____
	SIGNATURE: _____	

TABLE OF CONTENTS

- 1.0 - 1.1 COVER SHEET/ NOTES
- 2.0 ELEVATION
- 3.0 ANCHOR BOLT LAYOUT
- 4.0 - 4.1 FRAME LAYOUT
- 5.0 FRAME CONNECTIONS
- 6.0 ROOF LAYOUT
- R1.0 - R1.4 ROOF DETAILS

DESIGN LOADS

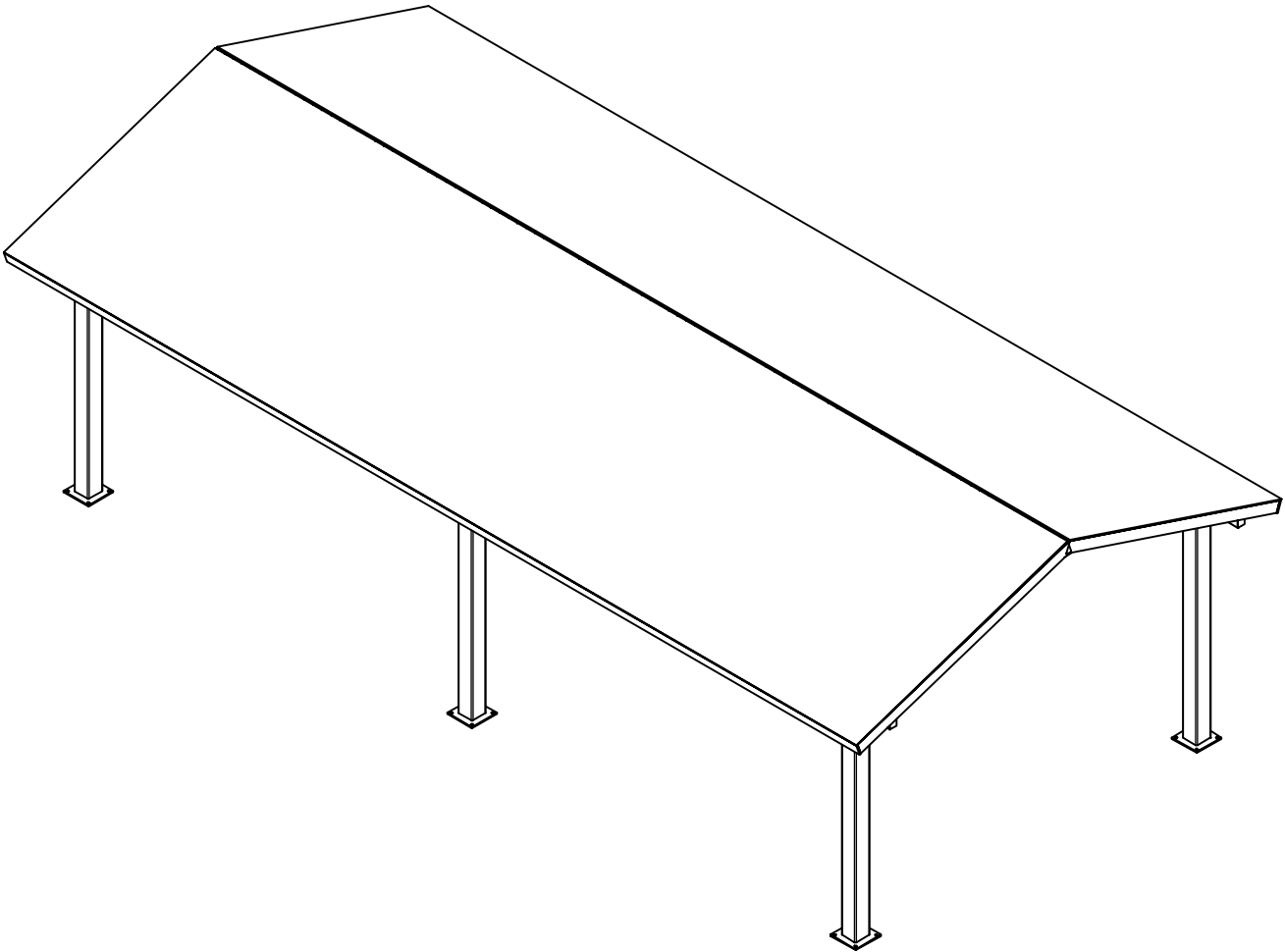
CODE: 2018 INTERNATIONAL BUILDING CODE

TOTAL DEAD: 9.73 P.S.F.
FRAME DEAD: 3.73 P.S.F.
ROOF DEAD: 3.50 P.S.F.
COLLATERAL DEAD: 2.50 P.S.F.
ROOF LIVE LOAD: 20.00 P.S.F.
GROUND SNOW LOAD: 25.00 P.S.F.
ROOF SNOW LOAD: 21.00 P.S.F.
WIND SPEED: 107.00 M.P.H.
EXPOSURE: C
SEISMIC USE GROUP: I
SEISMIC SITE CLASS: D
SEISMIC DESIGN CATEGORY: A
SEISMIC ANALYSIS: SIMPLIFIED

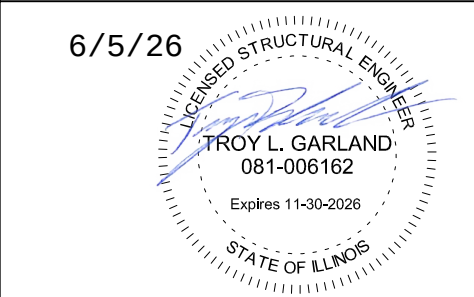
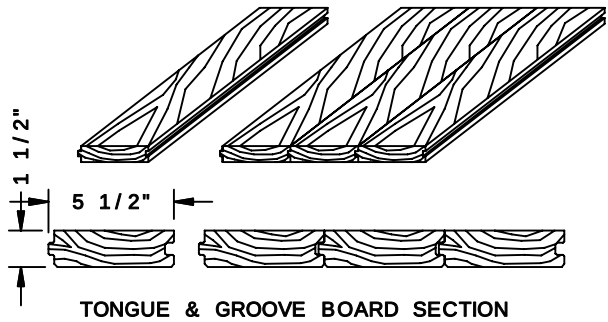
MATERIALS

TUBE STEEL (HSS HOLLOW STRUCTURAL SECTION)
WIDE FLANGE SECTIONS
STRUCTURAL STEEL PLATE
ROOF PANELS (STEEL)
ANCHOR BOLTS
CONNECTION BOLTS

(ASTM DESIGNATION)
A - 500 GRADE B/C
A - 992
A - 36, A - 572 GRADE 50
A - 792
F1554 GRADE 55
F3125 GRADE A325



ROOF



FABRICATOR APPROVALS
CLARK COUNTY STEEL FABRICATOR NUMBER: 707
CITY OF LOS ANGELES FABRICATOR NUMBER: FB03254

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COVER SHEET

DRAWN BY:
DTH
DATE:
5/28/2026
JOB NO.:
11344
REVISION:
D

BUILDING TYPE:
CG20X40 - 9TA - P4

PROJECT NAME:
GREENE VALLEY FOREST PRESERVE
NAPERVILLE IL
60565

SHEET
1.0

NOTES:

ALL WELDING CONFORMS TO THE LATEST EDITION OF AWS D1.1 OR D1.3 AS REQUIRED.
ALL WELDING IS PERFORMED BY AWS CERTIFIED WELDERS. THERE IS NO FIELD WELDING REQUIRED, U.N.O.

FOUNDATIONS HAVE BEEN DESIGNED WITH CLASS 5 SOILS PRESUMPTIVE LOAD - BEARING VALUES IN ACCORDANCE WITH BUILDING CODE REQUIREMENTS. VERTICAL FOUNDATION PRESSURE: 1,500 PSF. LATERAL BEARING PRESSURE: 100 PSF/FT. COHESION 130 PSF. IF SITE - SPECIFIC SOILS DO NOT MEET THE REQUIREMENTS FOR SOIL CLASS 5 , CONTACT A LOCAL GEOTECHNICAL ENGINEER.

DUE TO STANDARDIZED FABRICATION, PARTS SHOWN MAY BE UPGRADED. REFER TO THE SHIPPING BILL OF MATERIALS FOR POSSIBLE SUBSTITUTIONS.

ICON SHELTER SYSTEMS INC. RECOMMENDS THAT THE PRIMARY FRAMING INSTALLER AND THE ROOF INSTALLER HAVE A MINIMUM OF FIVE (5) YEARS OF DOCUMENTED EXPERIENCE INSTALLING THIS TYPE OF PRODUCT.

HIGH STRENGTH BOLTING:
ALL HIGH STRENGTH BOLTS ARE F3125 GRADE A325 BOLTS WITH HEAVY HEX NUTS. THE BOLTS ARE TO BE INSTALLED UTILIZING THE "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS" (8/1/2014) AS PREPARED BY RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC) FOR THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC). THE BOLTS SHALL BE INSTALLED AS SNUG TIGHTENED WHICH IS DEFINED AS THE TIGHTNESS THAT IS ATTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH TO BRING THE PLIES INTO FIRM CONTACT, WHICH IS THE CONDITION WHEN THE PLANES OF CONTACT BETWEEN TWO PLIES ARE SOLIDLY SEATED AGAINST EACH OTHER, BUT NOT NECESSARILY IN CONTINUOUS CONTACT WITH UTILIZATION OF THE SNUG TIGHTENING METHOD, NO WASHERS ARE REQUIRED.
ALL CONNECTIONS ARE BEARING TYPE CONNECTIONS UNLESS NOTED OTHERWISE.

BEFORE ERECTING THE FRAME, VERIFY ALL BOLTS AND NUTS ARE CLEAN OF DEBRIS AND BURRS - INCLUDING THE HARDWARE ALREADY FASTENED INSIDE THE MEMBERS. CHASING THREADS ON SOME BOLTS AND NUTS MAY BE REQUIRED. APPLICATION OF THREAD WAX MAY BE USED TO ASSIST IN TIGHTENING (NOT BY ICON).

IT IS THE RESPONSIBILITY OF THE INSTALLER TO INSURE PROPER TIGHTNESS.

PROPER ERECTION OF THE FRAMING MEMBERS REQUIRES THE MAIN COLUMNS TO BE PLUMB & SQUARE. COLUMNS, RAFTER, AND TIE BEAM CONNECTIONS MUST BE TIGHTENED BEFORE INSTALLING THE PURLINS. PURLINS MUST BE PARALLEL TO THE TIE BEAMS AND EAVE BEAMS.

ICON RECOMMENDS TO NOT FULLY TIGHTEN CONNECTION HARDWARE UNTIL THE MAJORITY OR ENTIRETY OF FRAME COMPONENTS ARE ERECTED. PURLINS OR OTHER MEMBERS THAT REQUIRE SCREW FASTENERS SHOULD BE INSTALLED LAST. THIS ALLOWS FOR MOVEMENT OF MEMBERS TO HELP ALIGN THE SHELTER AS INTENDED.

THE TOUCH - UP KIT SHOULD BE UTILIZED FOR ANY EXPOSED STEEL (CHIPS, SCUFFS, OR SCRATCHES) THAT MAY RESULT FROM SHIPPING, HANDLING, OR INSTALLATION OF SHELTER COMPONENTS. ROUTINE TOUCH - UP IS RECOMMENDED.

WHEN DRILLING OPERATIONS ARE REQUIRED, METAL SHAVINGS CAN ACCUMULATE AND MUST BE QUICKLY AND CAREFULLY REMOVED TO PREVENT RUST AND STAINS ON SHELTER COMPONENTS (FRAME AND ROOF). THIS SHOULD BE CHECKED AND PERFORMED AT THE END OF EACH DAY OF INSTALLATION BY SWEEPING, BRUSHING, AND/OR USING COMPRESSED AIR.

THE ENGINEERING AND DETAILING FOR THIS STRUCTURE IS ONLY VALID IF ICON SHELTERS SYSTEMS FABRICATES THE COMPONENTS.

CARE & MAINTENANCE:

- ICON REQUIRES THAT THE COATED PRODUCTS LOCATED NEAR A SEASHORE (SALT WATER) ENVIRONMENT BE SYSTEMATICALLY CLEANED, TO REMOVE SALT DEPOSITS PER THE FOLLOWING CLEANING PROGRAM:
- A. PERIODIC CLEANING AND INSPECTION OF THE STRUCTURES IS REQUIRED TO REMOVE CONTAMINANTS THAT CAN CAUSE CHEMICAL OR MECHANICAL FILM DEGRADATION IF LEFT EXPOSED FOR LONG PERIODS OF TIME.
 - B. CLEANING AND INSPECTION MUST COMMENCE IMMEDIATELY AFTER INSTALLATION TO CLEAN ANY SOILS, CONCRETE, OR OTHER CONTAMINANTS THAT HAVE BEEN DEPOSITED DURING THIS TIME. FOR APPLICATION OF WARRANTY, CLEANING MUST BE DOCUMENTED, AND PROPER RECORDS KEPT, OR WARRANTIES ARE CONSIDERED NULL AND VOID.
 - I. NON - HAZARDOUS ENVIRONMENTS - CLEAN AND CHECK EVERY 12 MONTHS.
 - II. TROPICAL ENVIRONMENTS - CLEAN AN CHECK EVERY 9 MONTHS.
 - III. SWIMMING AND LEISURE POOLS - CLEAN AND CHECK EVERY 3 MONTHS.
 - IV. MARINE ENVIRONMENTS - CLEAN AND CHECK EVERY 3 MONTHS.
 - V. INDUSTRIAL ENVIRONMENTS - CLEAN AND CHECK EVERY 3 MONTHS.
 - VI. HAZARDOUS ENVIRONMENTS - CLEAN AND CHECK MONTHLY.
 - C. DO NOT USE ABRASIVE CLEANERS OR ABRASIVE IMPLEMENTS SUCH AS STEEL WOOL, SANDPAPER, OR WIRE BRUSHES.
 - D. CLEANING AGENTS SHOULD ALWAYS BE TESTED IN AN AREA THAT IS NOT EASILY SEEN BEFORE USE.
 - E. STRONG SOLVENTS SHOULD NOT BE USED.
 - F. ALWAYS RINSE CLEANER WITH PLENTIFUL AMOUNTS OF CLEAN WATER.
 - G. MILDEW CAN BE REMOVED WITH A SOLUTION OF:
 - I. 1/3 CUP DETERGENT.
 - II. 2/3 CUP TRISODIUM PHOSPHATE
 - III. 1- QUART SODIUM HYPOCHLORITE, 5% SOLUTION (BLEACH)

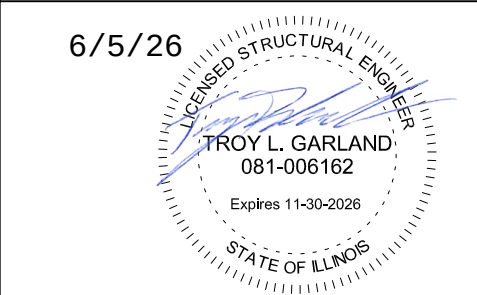
RECEIVING SHIPMENTS:

PERFORM A FULL INVENTORY OF ALL ITEMS RECEIVED UPON DELIVERY. ANY DEFECTS OR DAMAGE MUST BE ANNOTATED ON THE BILL OF LADING AND REPORTED TO ICON SHELTER SYSTEMS AS SOON AS POSSIBLE.

PLASTIC WRAP ON COMPONENT BUNDLES MUST BE REMOVED WITHIN 5 DAYS OF DELIVERY. FAILURE TO COMPLY MAY DAMAGE COATING AND WILL VOID WARRANTY. EXTRA PRECAUTION SHOULD BE TAKEN TO AVOID DAMAGE TO MEMBER FINISH.

TOUCH - UP KITS SHOULD BE REMOVED FROM SHIPMENT BUNDLES AND STORED INDOORS WITH MINIMAL HEAT FLUCTUATION. OPTIMAL STORAGE TEMPERATURE IS 70 DEG F. PAINT WILL QUICKLY DEGRADE AT TEMPERATURES LOWER THAN 40 DEG F, AND HIGHER THAN 90 DEG F.

IF METAL ROOF PANELS ARE NOT TO BE INSTALLED WITHIN 2 WEEKS, ICON RECOMMENDS KEEPING IN A CLIMATE CONTROLLED STORAGE FACILITY OR A COVERED, LOW HUMIDITY ENVIRONMENT. ROOF MATERIALS CAN QUICKLY DEVELOP STORAGE STAINS FROM EXCESS MOISTURE BETWEEN PANELS/TRIM WHICH CAN BE DIFFICULT, OR IMPOSSIBLE, TO FULLY REMOVE.



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NOTES

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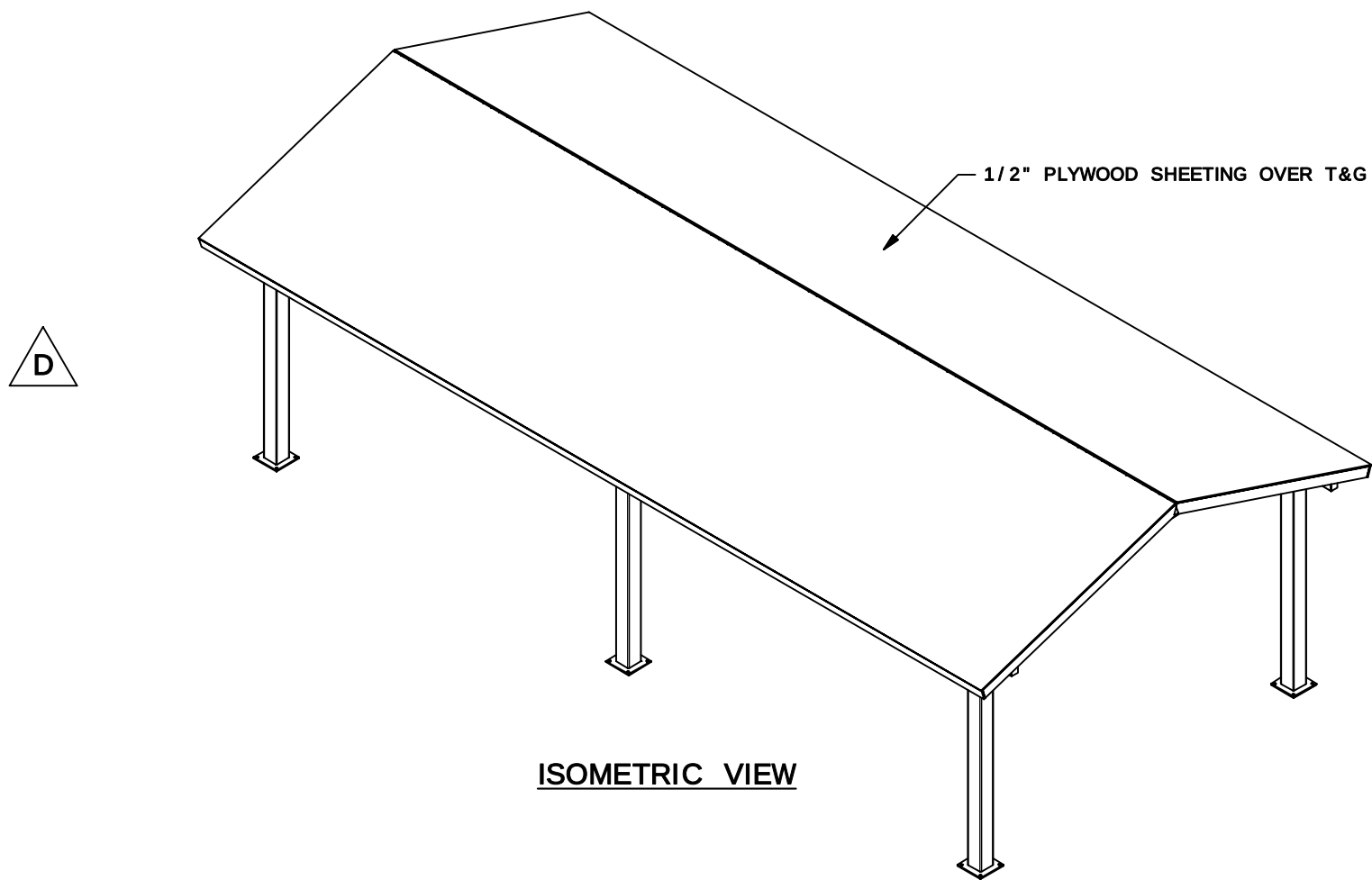
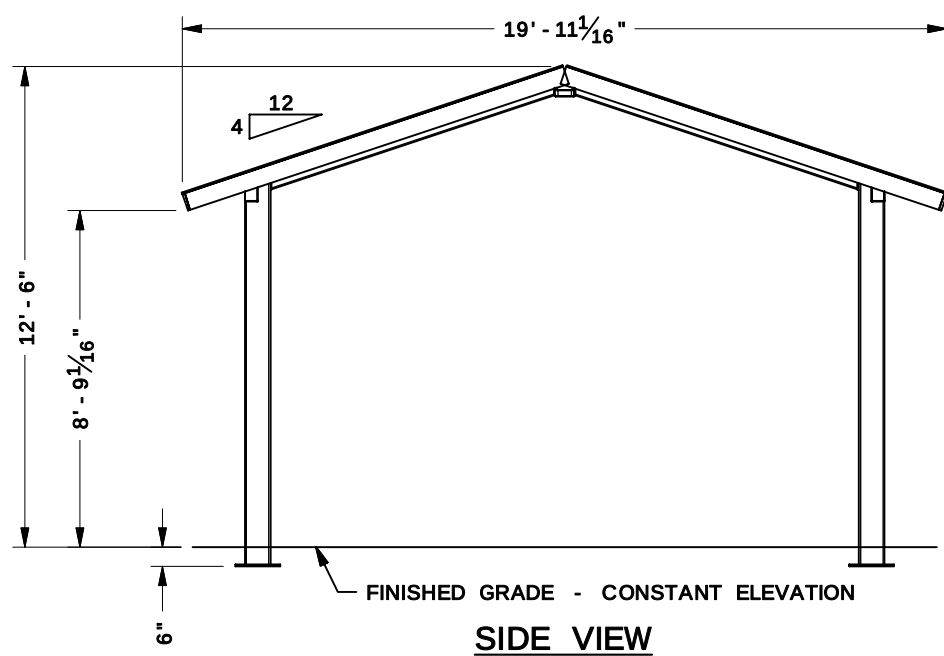
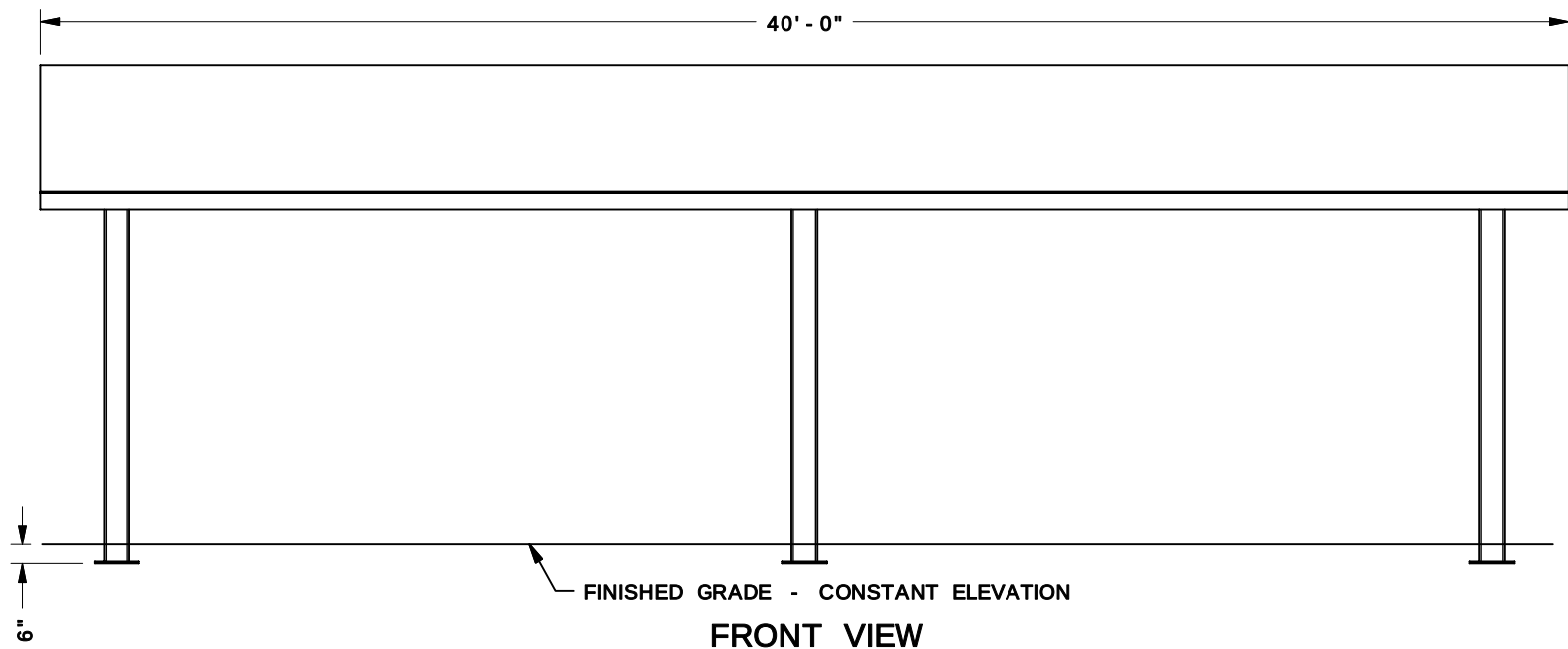
JOB NO.:
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BUILDING TYPE:
CG20X40 - 9TA - P4

PROJECT NAME:
GREENE VALLEY
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SHEET
1.1



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ELEVATION

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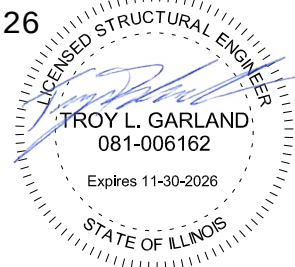
PROJECT NAME:

GREENE VALLEY
FOREST PRESERVE
NAPERVILLE IL
60565

SHEET

2.0

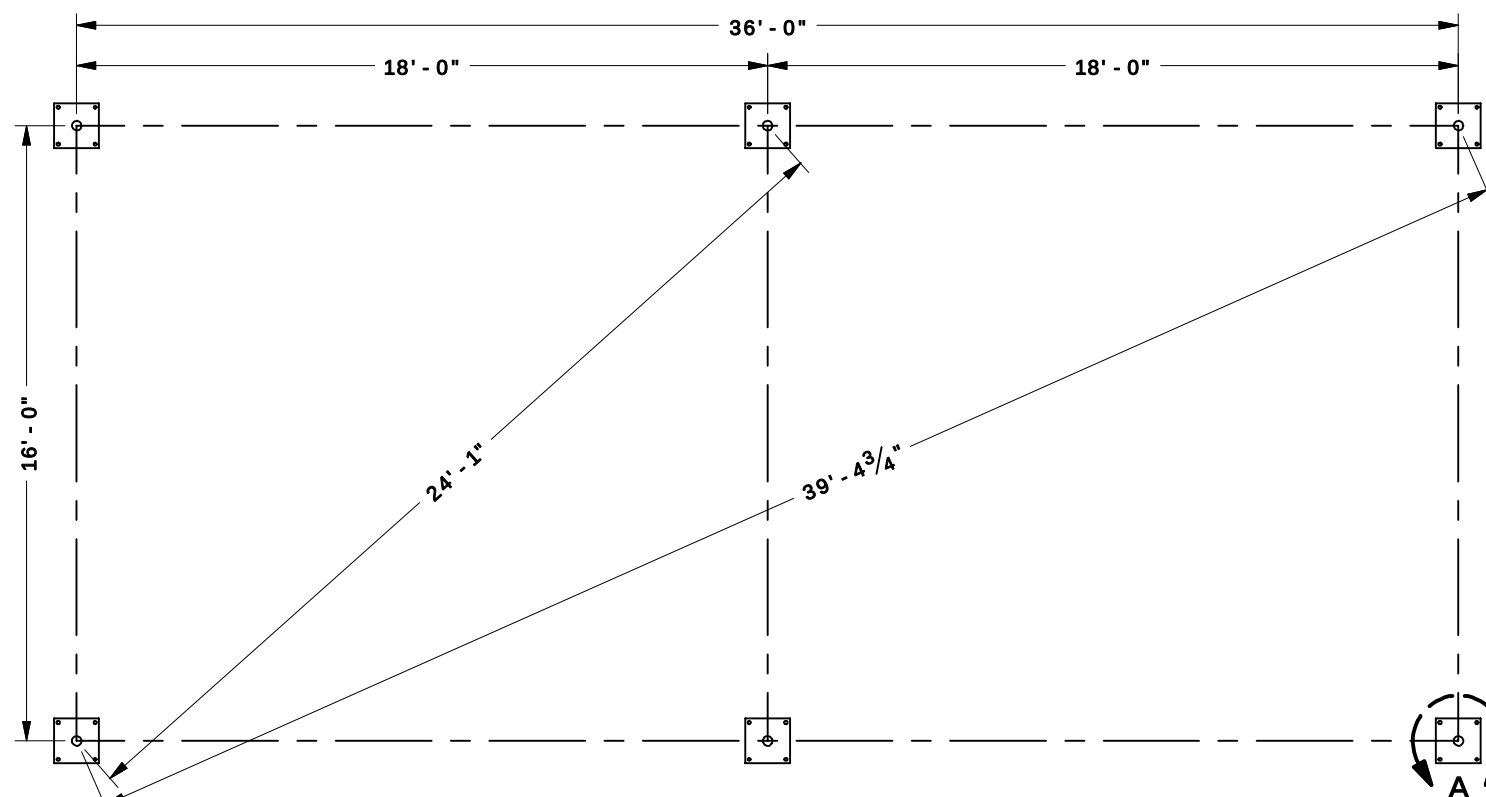
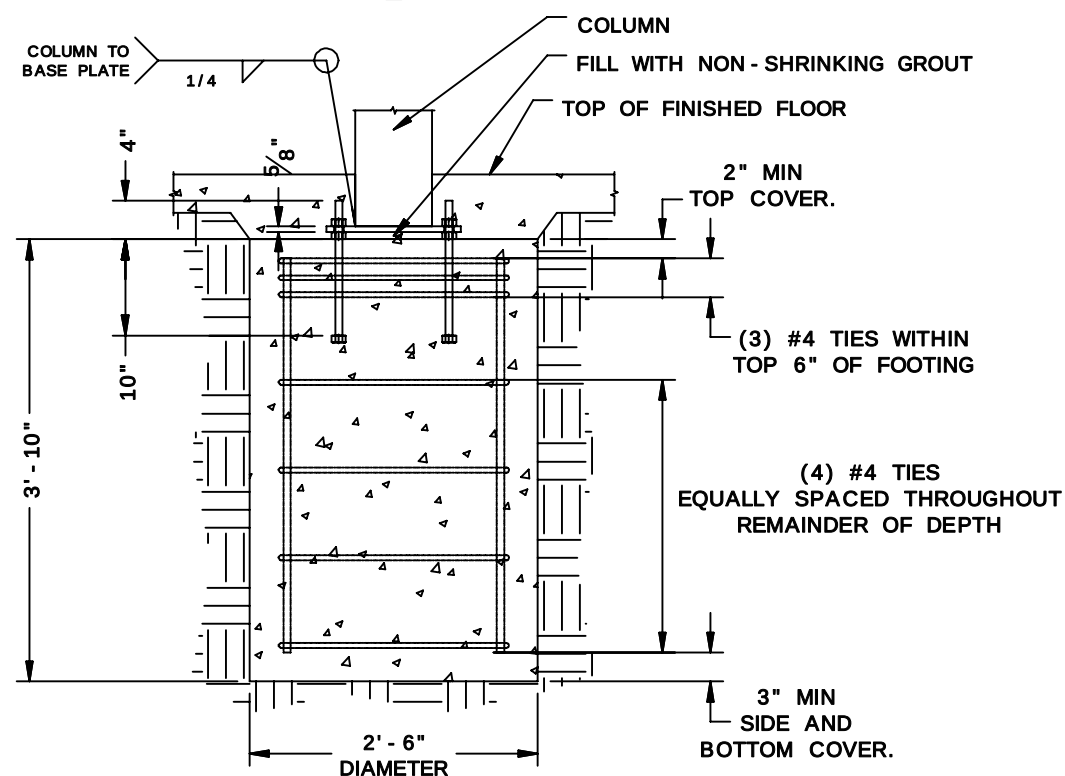
6/5/26



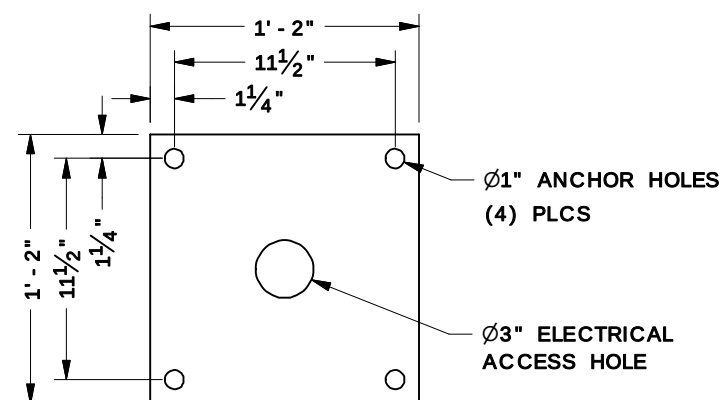
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IT IS ESSENTIAL THAT ANCHOR BOLTS ARE PLACED ACCURATELY!
MEASUREMENTS SHOULD BE TAKEN BEFORE AND AFTER FOUNDATIONS
ARE POURED TO CONFIRM DIMENSIONS ARE MET AND COMPONENTS HAVE
NOT SHIFTED. ICON STRONGLY RECOMMENDS UTILIZING ANCHOR BOLT
TEMPLATES TO AID IN THIS PROCESS.

Diagram illustrating the cross-section of a circular structure, likely a culvert or pipe, showing reinforcement details. The structure has an outer diameter of $\phi 2' - 6"$. The concrete cover is specified as 3" MIN. The reinforcement consists of (4) $3/4" \times 14"$ F1554 ANCHOR RODS and (6) #6 LONGITUDINAL BARS. The distance from the outer edge to the center of the anchor rods is $11\frac{1}{2}"$. The distance from the center of the anchor rods to the center of the longitudinal bars is $11\frac{1}{2}"$.



FINISHED GRADE ASSUMED AT CONSTANT ELEVATION UNLESS NOTED OTHERWISE



BASE PLATE MATERIAL
3/4" THICK GR50

D

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ANCHOR BOLT LAYOUT

DTH

5/28/2026

11344

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CG20X40 - 9TA - P4

GREENE VALLEY
FOREST PRESERVE
NAPERVILLE IL
60565

3.0

Professional Engineer Seal for Troy L. Garland, State of Illinois, License No. 081-006162, Expires 11-30-2026.

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ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	LENGTH	UNIT WEIGHT
1	4		COLUMN 1	HSS8X8X0.25		295 lbmass
2	2		COLUMN 2	HSS8X8X0.25		294 lbmass
3	4		TIE BEAM	HSS6X4X0.125		178 lbmass
4	6		RAFTER	HSS6X6X0.1875		122 lbmass
5	3		CONNECTOR	HSS6X6X0.500		19 lbmass
6	2		RIDGE BEAM	HSS5X5X0.1875		215 lbmass
7	2		TIE BEAM TAIL 1	HSS6X4X0.125		19 lbmass
8	2		TIE BEAM TAIL 2	HSS6X4X0.125		19 lbmass
9	2		RIDGE BEAM TAIL	HSS5X5X0.125		17 lbmass



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FRAME LAYOUT

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BUILDING TYPE:

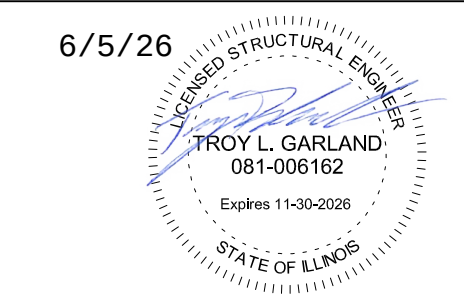
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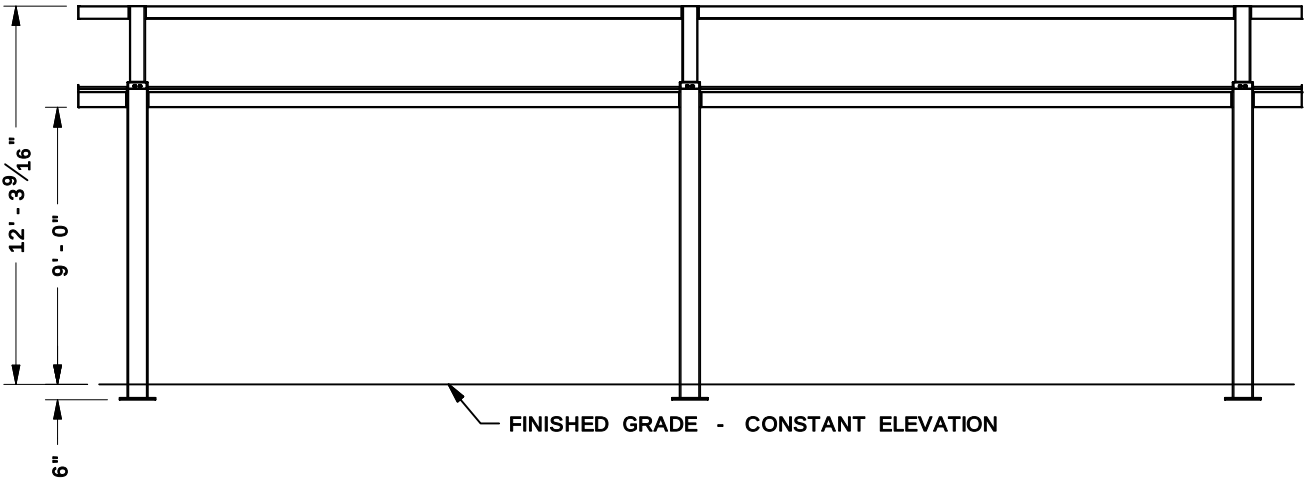
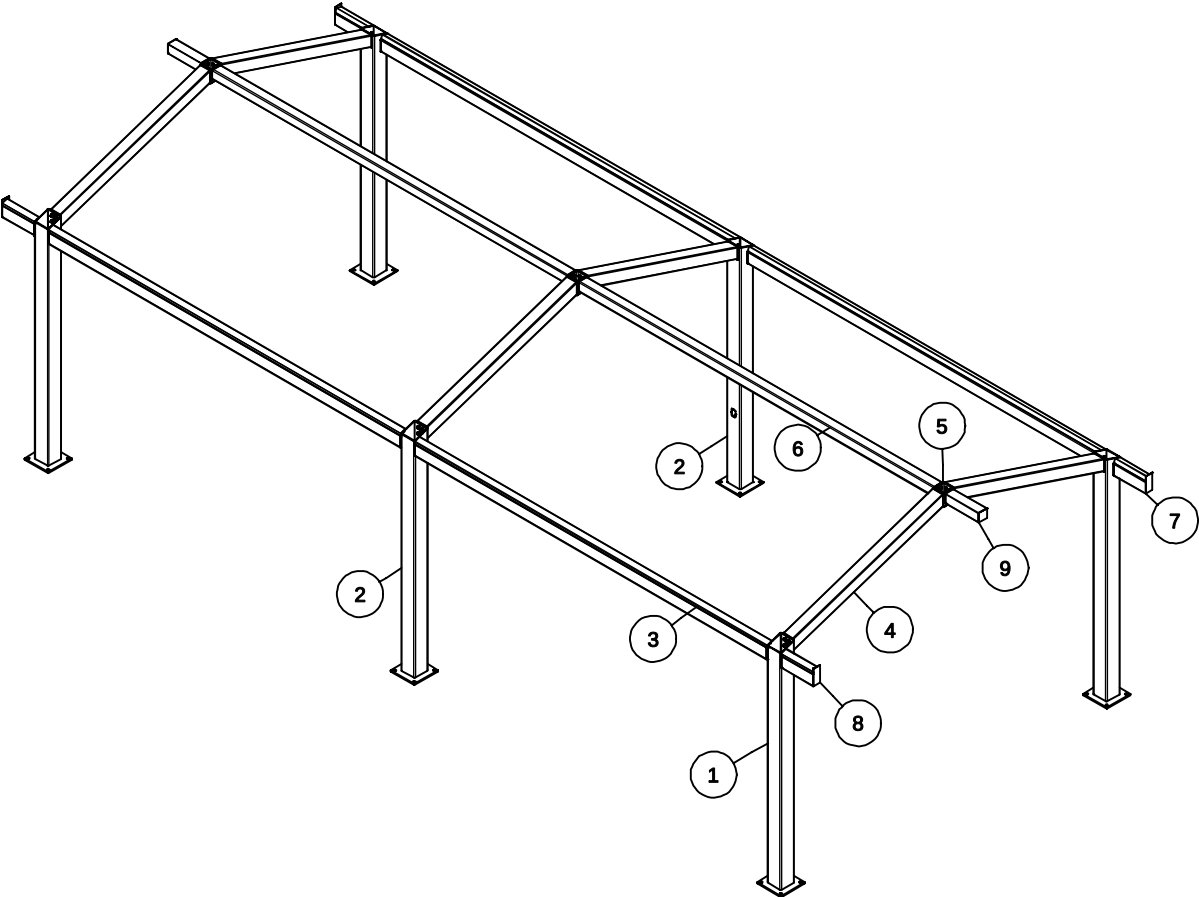
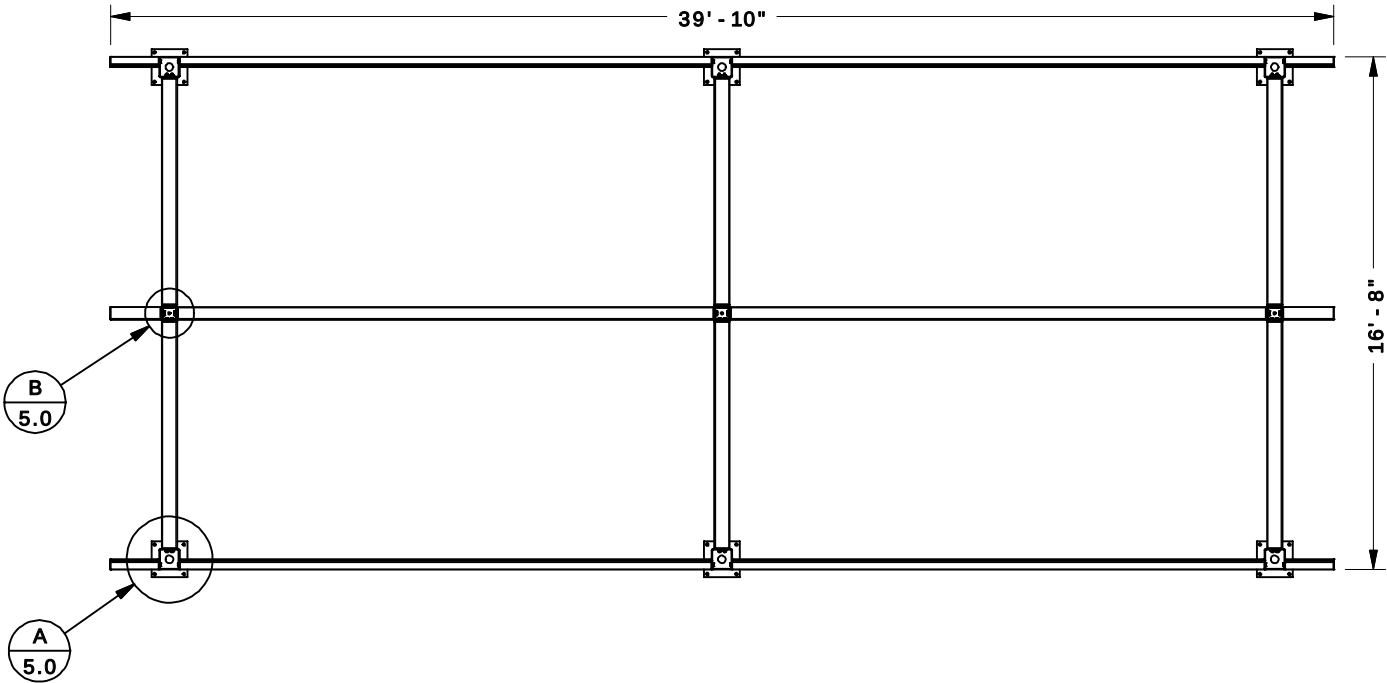
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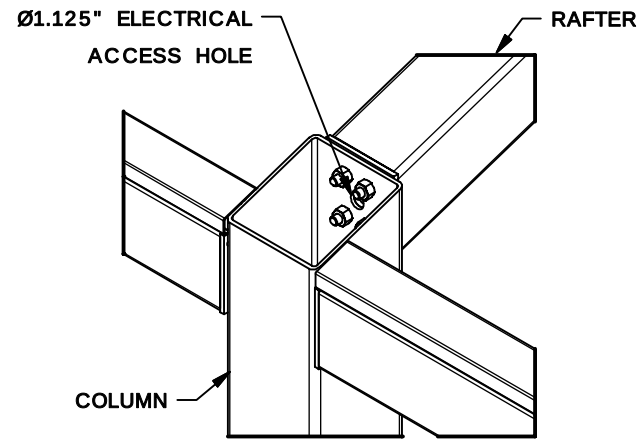
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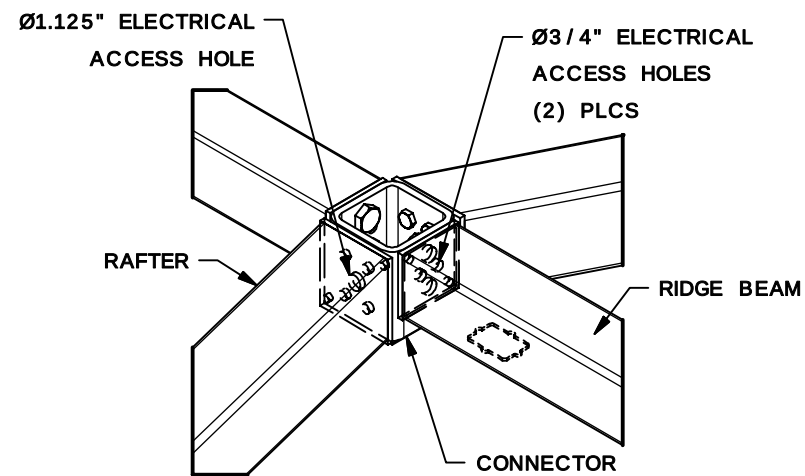


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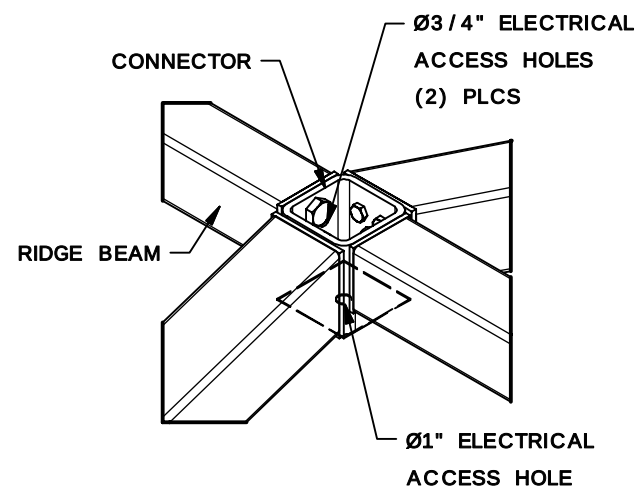




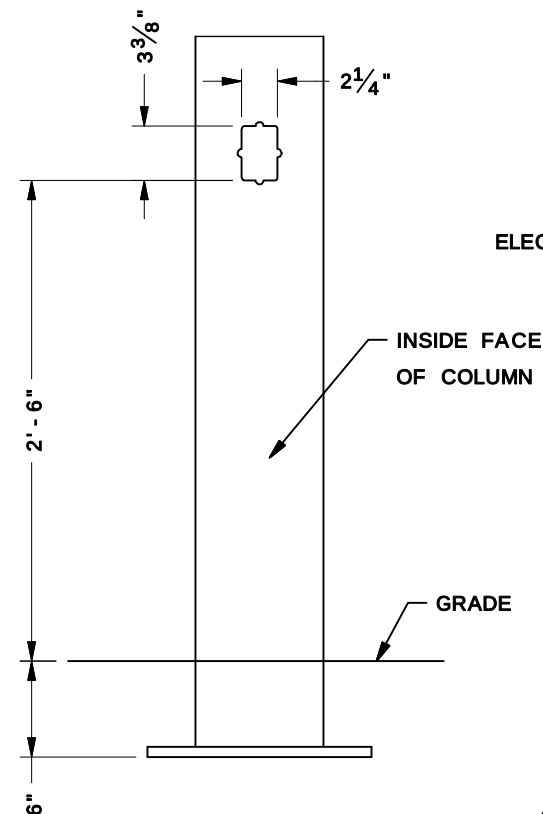
DETAIL E1



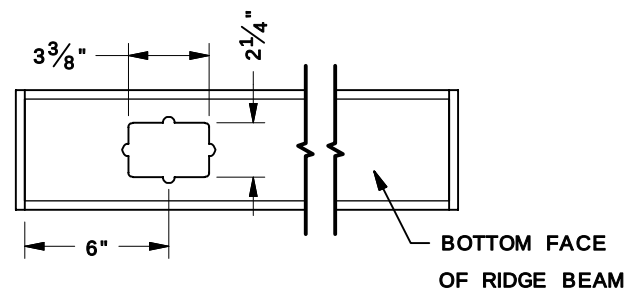
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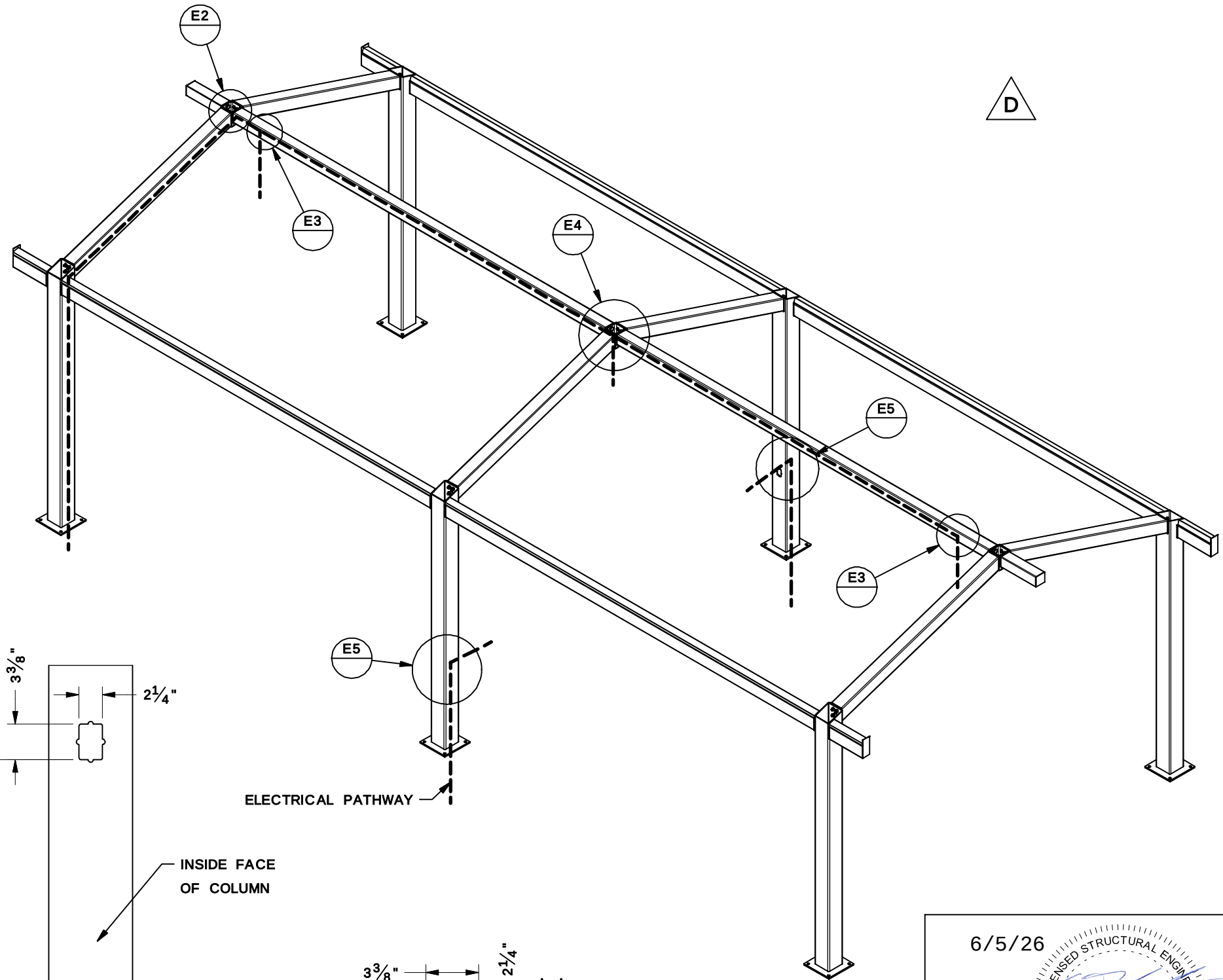
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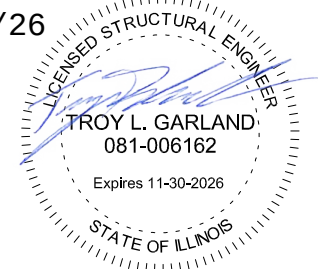
DETAIL E5



DETAIL E3



6/5/26



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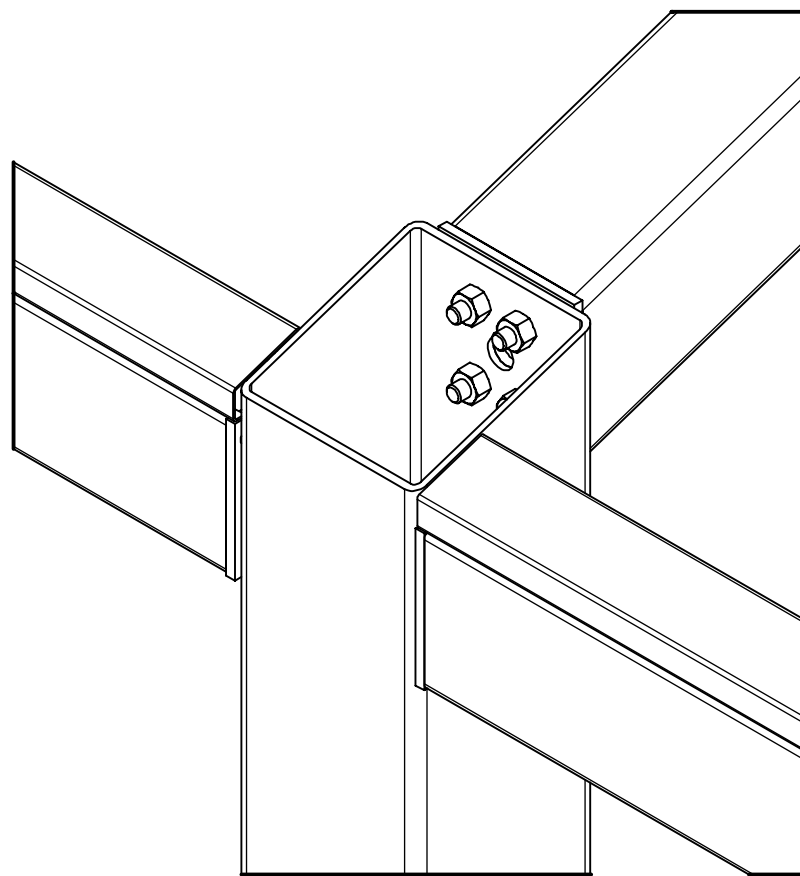
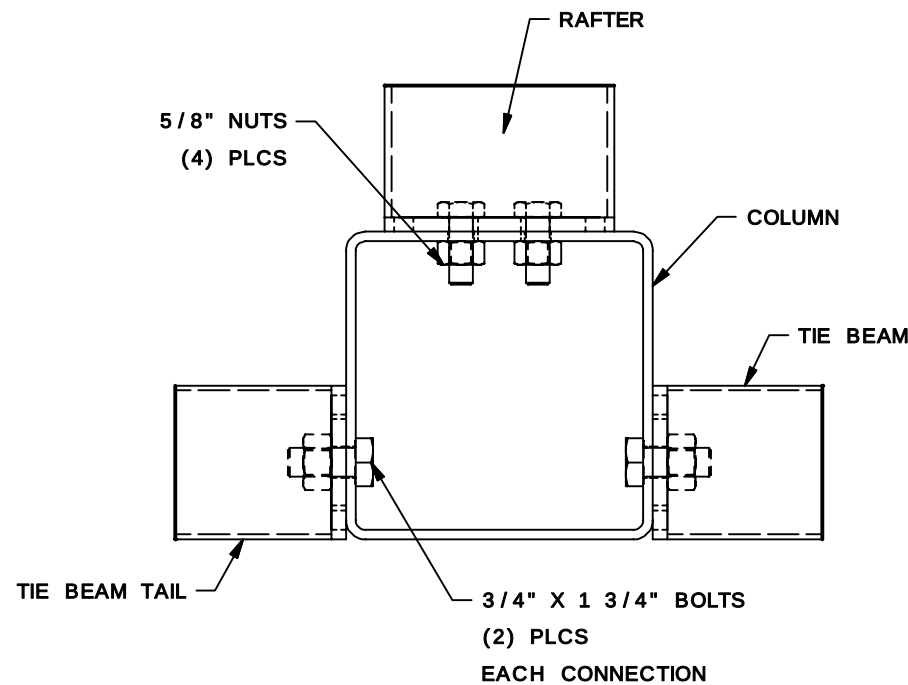
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60565

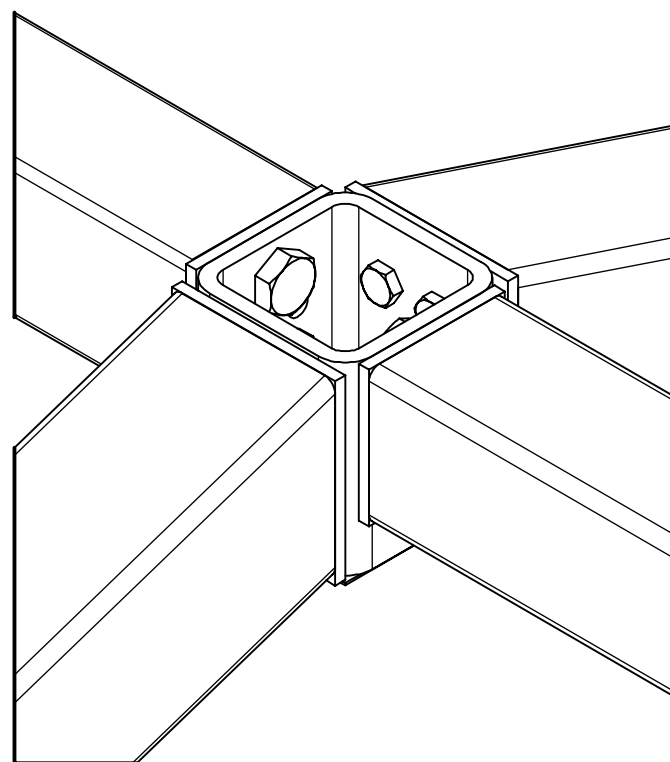
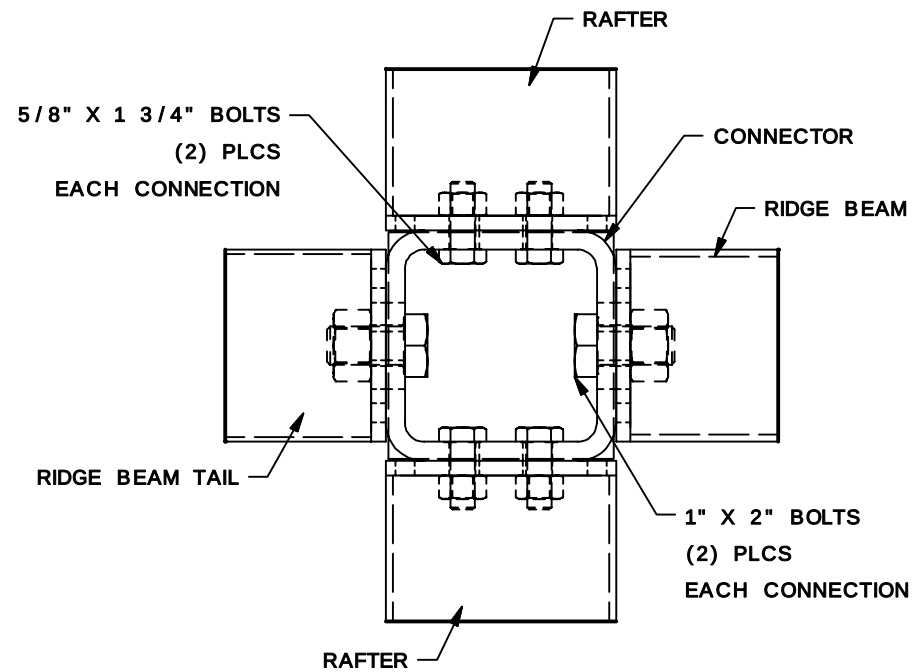
SHEET

4.1



RAFTER AND TIE BEAM
CONNECTION @ COLUMN

DETAIL A



NOTE: INSTALL CONNECTOR
W/OPEN SIDE UP

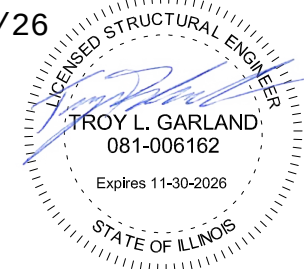
RAFTER AND RIDGE BEAM CONNECTION
@ CONNECTOR

DETAIL B

NOTE TO INSTALLERS:
WITH FACTORY POWDERCOATED
SHELTERS, PAINT **EXPOSED**
FASTENERS OF COMPRESSION RINGS,
ORNAMENTATION, KNIFE PLATES, ETC.
WITH PROVIDED TOUCH UP PAINT TO
PREVENT RUSTING OF FASTENERS

PAINT EXPOSED FASTENERS

6/5/26



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FRAME CONNECTIONS

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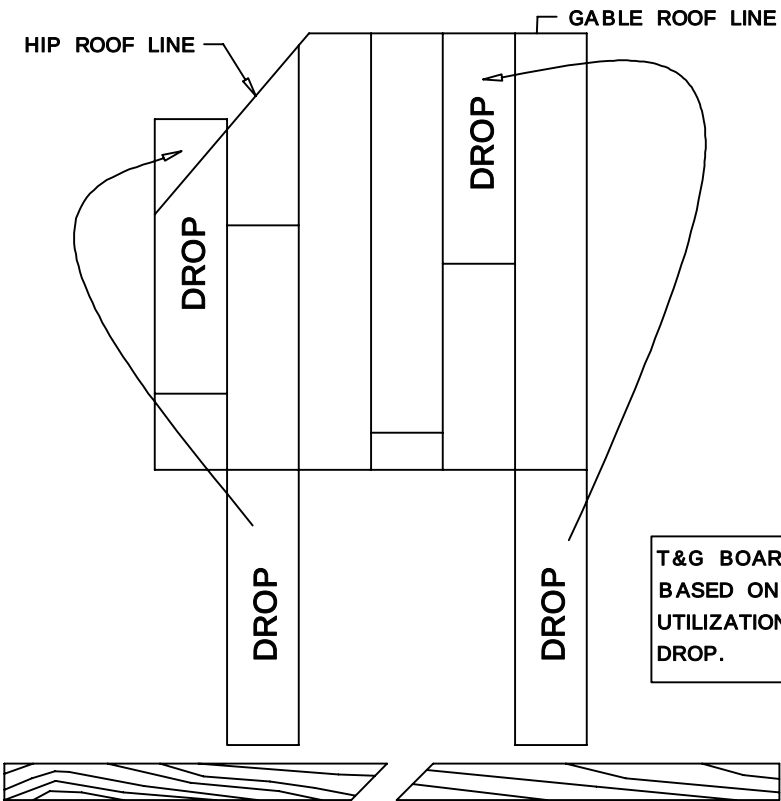
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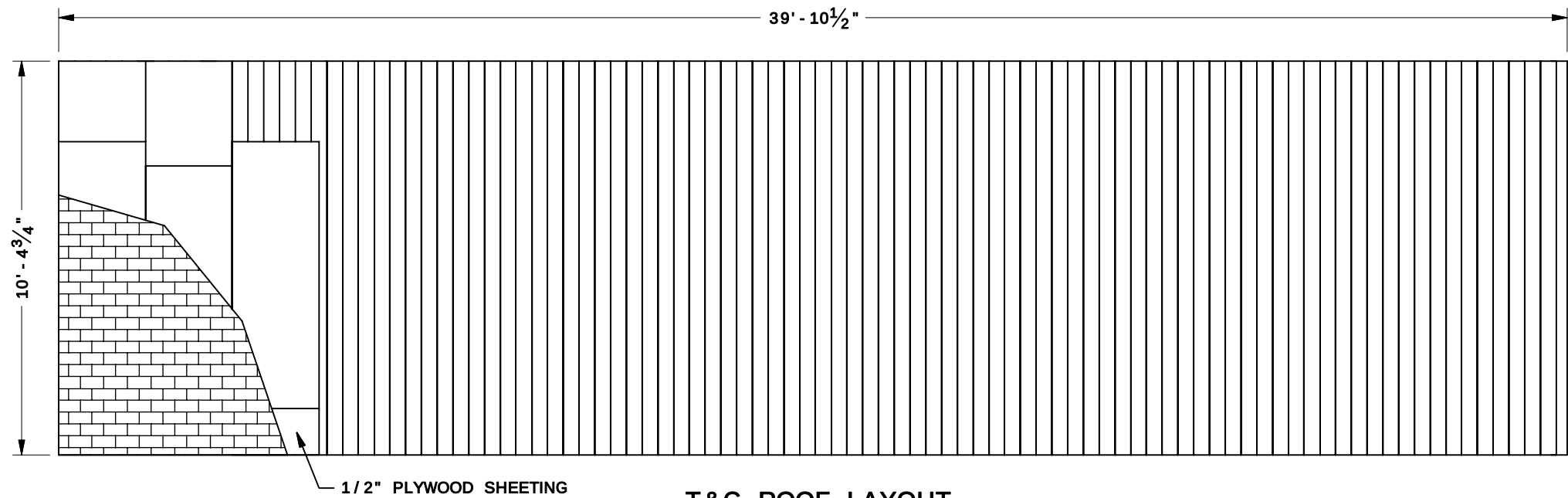
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5.0



SPLICING T&G BOARD
MITER ENDS OF T&G AT 45° WHEN SPLICING TWO BOARDS TOGETHER.
STAGGER SPLICES ON ADJACENT BOARD AT LEAST 24" APART.
SPLICES MAY OR MAY NOT FALL OVER TOP OF A PURLIN.



T&G ROOF LAYOUT

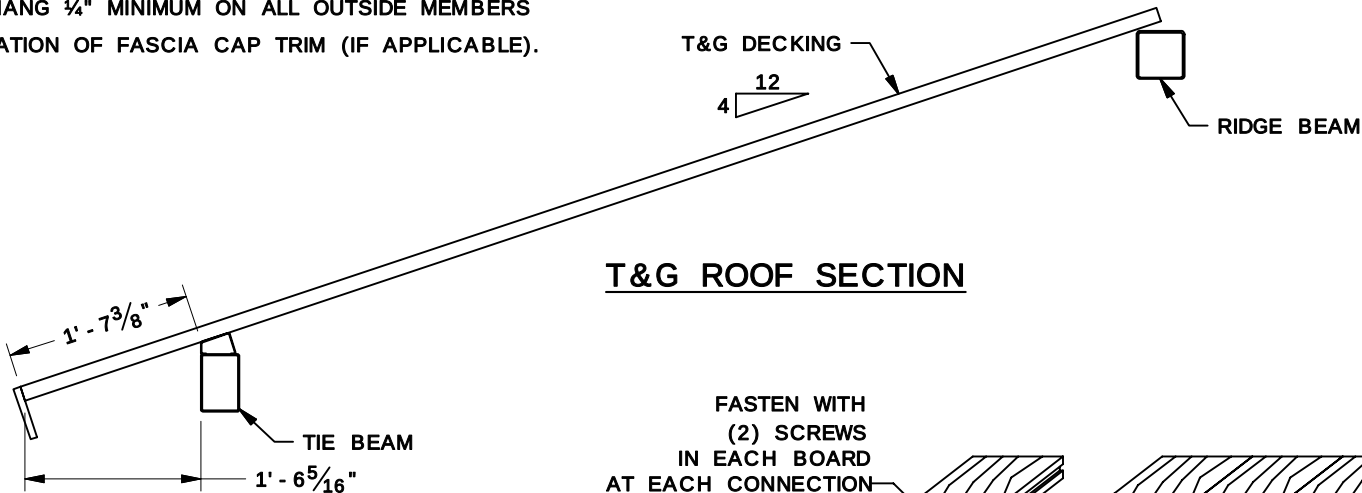
NOTES: T&G ROOF DECK:

2X6 TONGUE AND GROOVE WOOD ROOF DECK, SOUTHERN YELLOW PINE (OR WHITE FIR WHEN STAINED), KILN DRIED, #2 OR BETTER, ONE EDGE V'D, ONE EDGE GROOVED. IF REQ'D, FASCIA SHALL BE PINE.

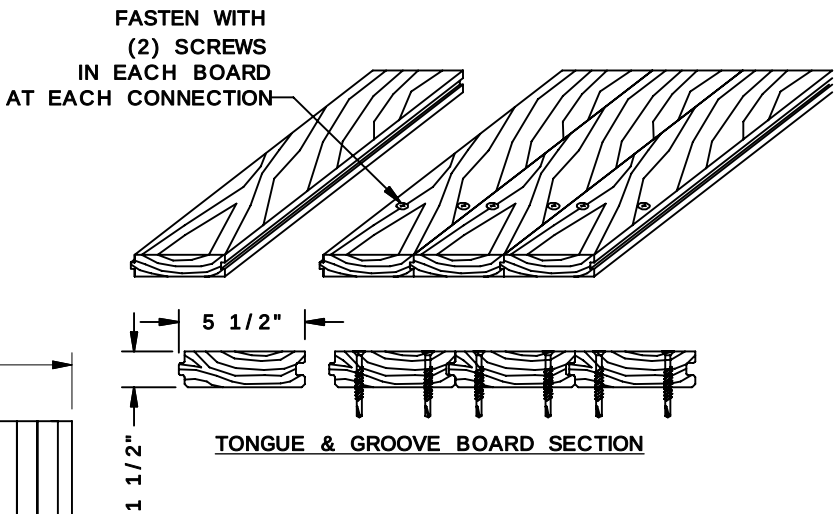
ICON REQUIRES THAT ANY ENDS OF THE T&G ROOF DECK BOARDS BE SEALED WITH AN APPROPRIATE END GRAIN SEALER BEFORE INSTALLING ADDITIONAL TRIM OR ROOFING.
END GRAIN SEALER IS NOT SUPPLIED BY ICON.

UNLESS THE T&G IS FACTORY SEALED, ALL T&G SHALL BE SEALED ON-SITE BY THE CONTRACTOR. SEALANT NOT SUPPLIED BY ICON

TONGUE AND GROOVE BOARDS SHOULD OVERHANG ¼" MINIMUM ON ALL OUTSIDE MEMBERS ACCEPTING TRIM TO ENSURE PROPER INSTALLATION OF FASCIA CAP TRIM (IF APPLICABLE).



T&G ROOF SECTION



TONGUE & GROOVE BOARD SECTION

6/5/26

LICENSED STRUCTURAL ENGINEER

TROY L. GARLAND

081-006162

Expires 11-30-2026

STATE OF ILLINOIS

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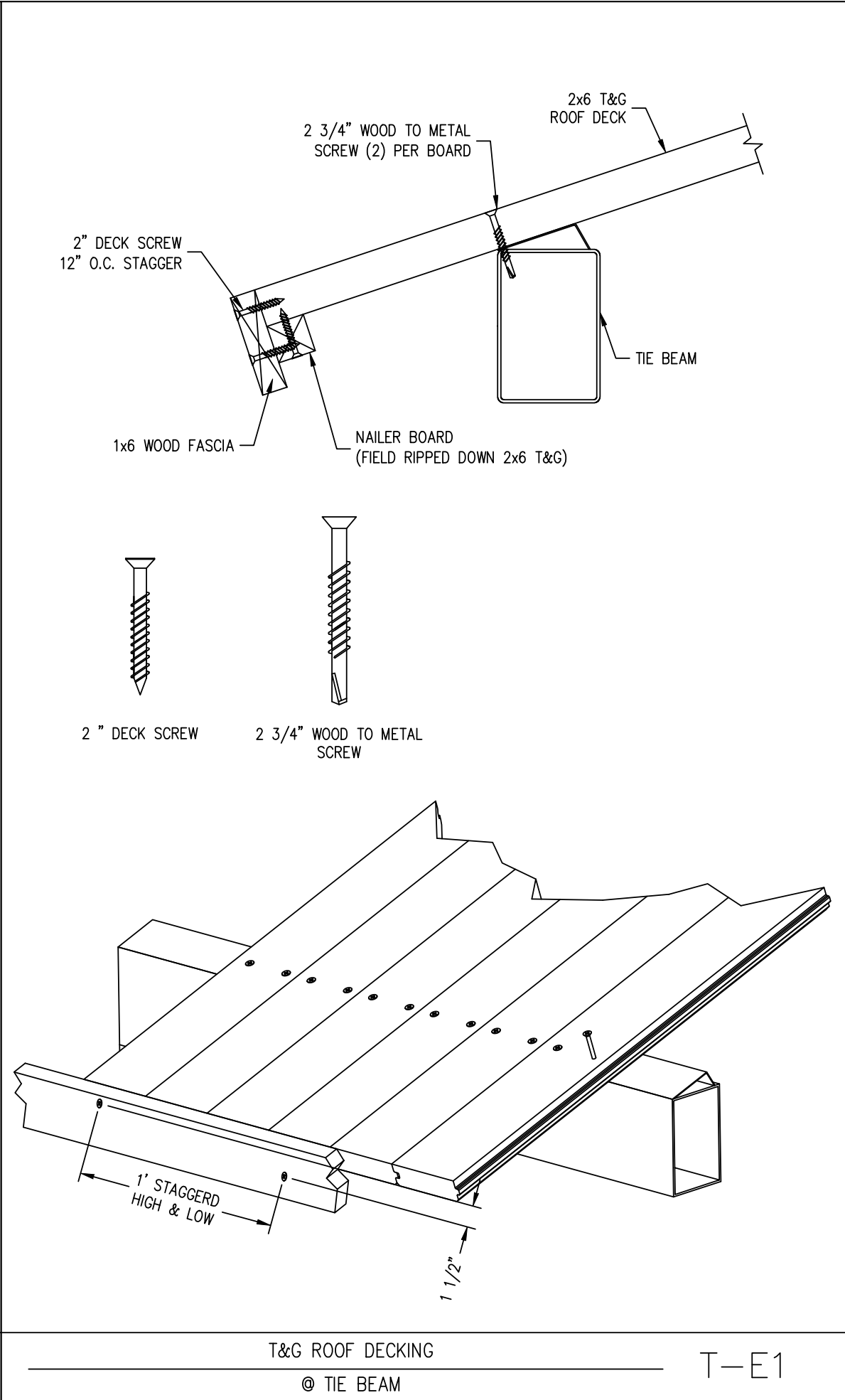
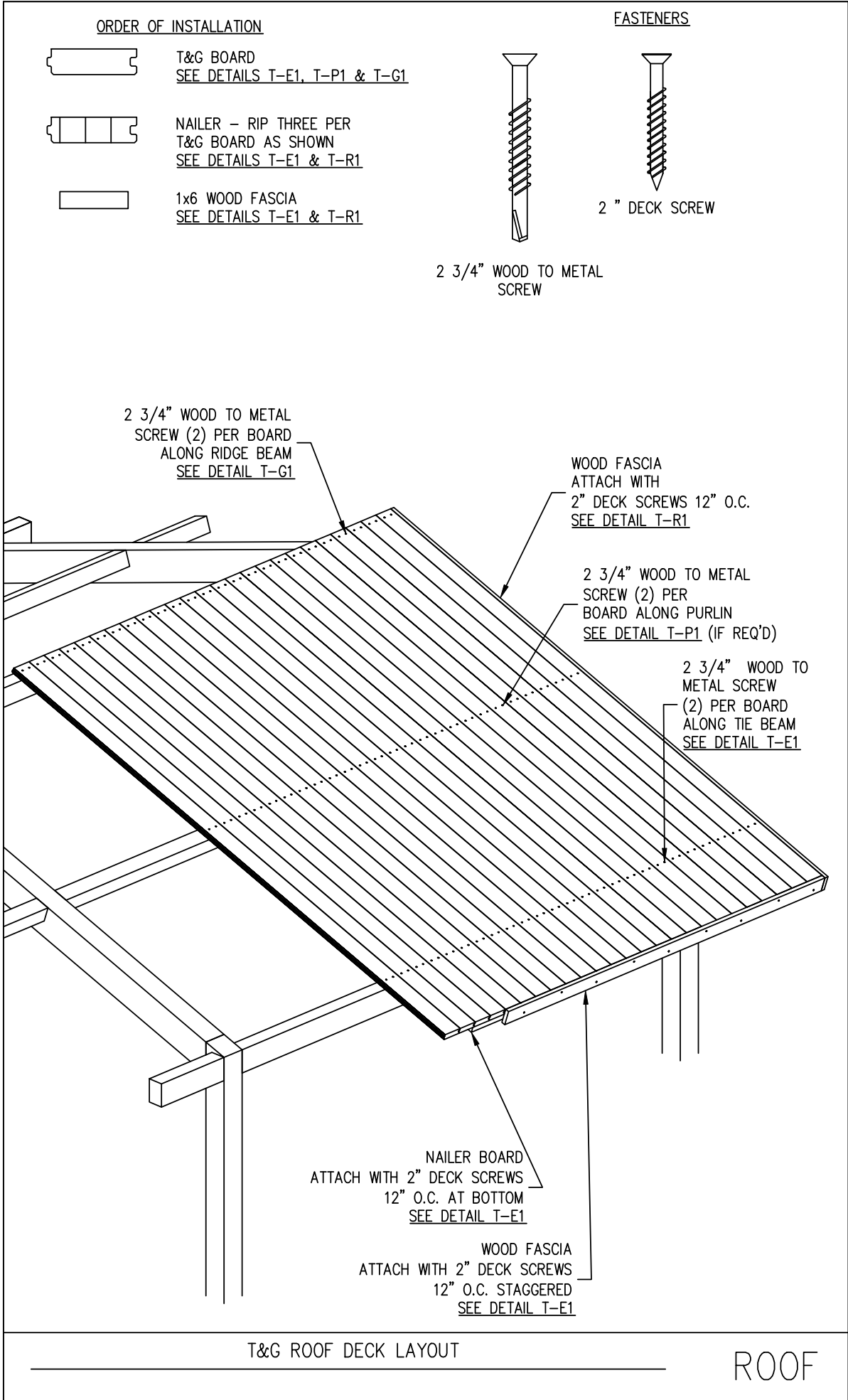
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ROOF DETAILS

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11344

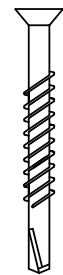
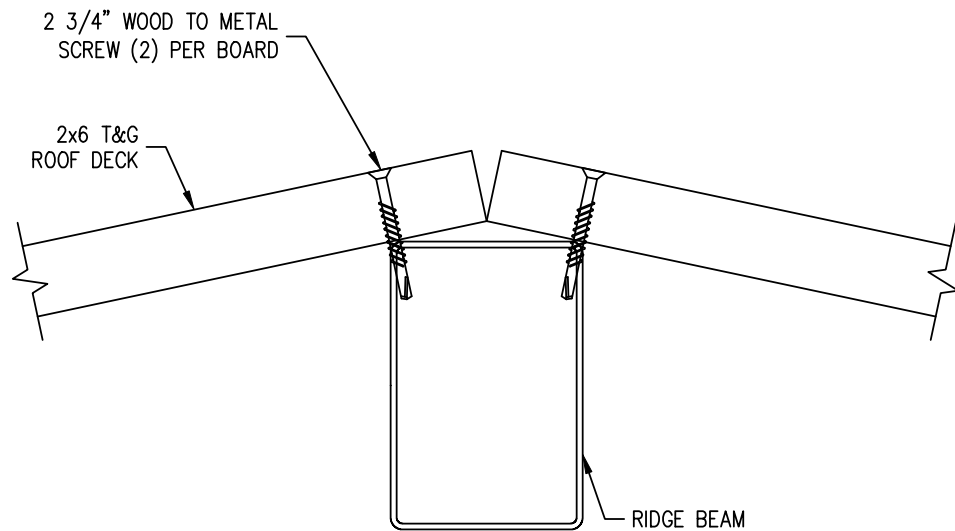
REVISION:
D

BUILDING TYPE:
CG20X40-9TA-P4

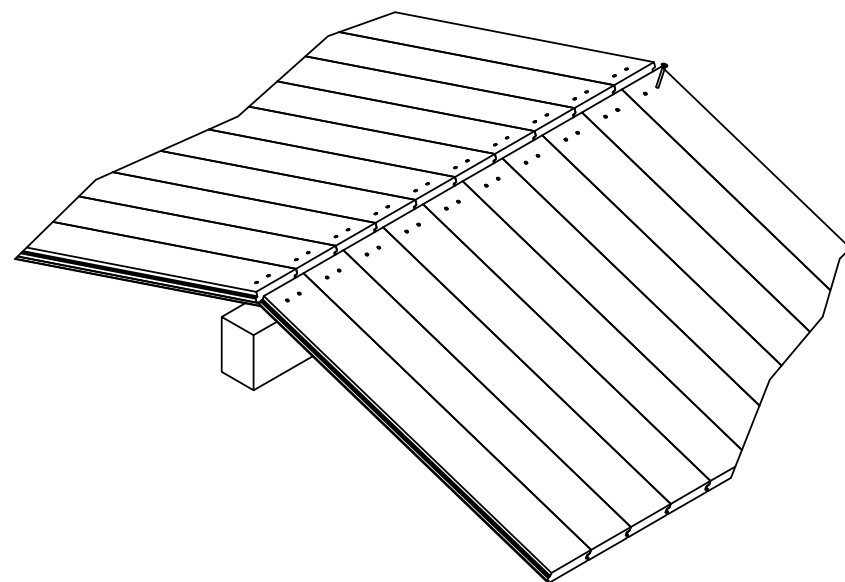
PROJECT NAME:
GREENE VALLEY FOREST PRESERVE
NAPERVILLE IL 60565

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R1.0

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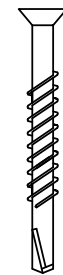
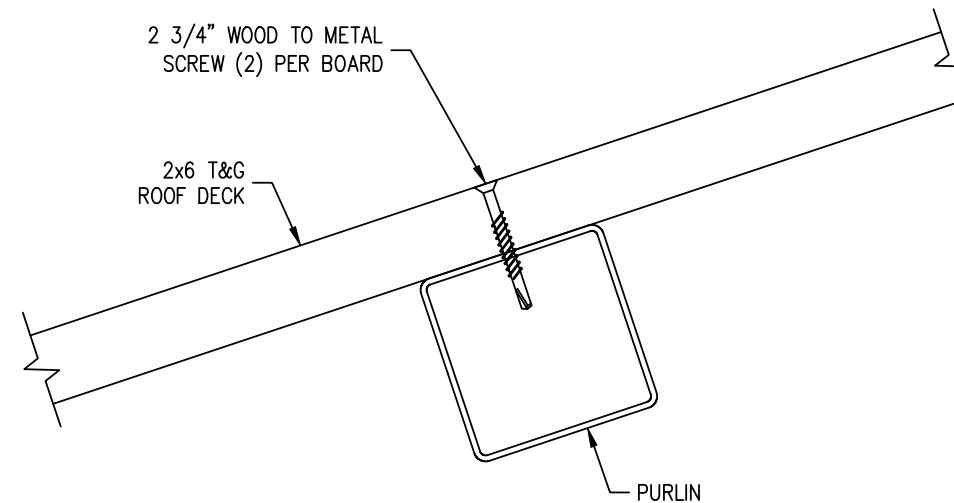


2 3/4" WOOD TO METAL SCREW

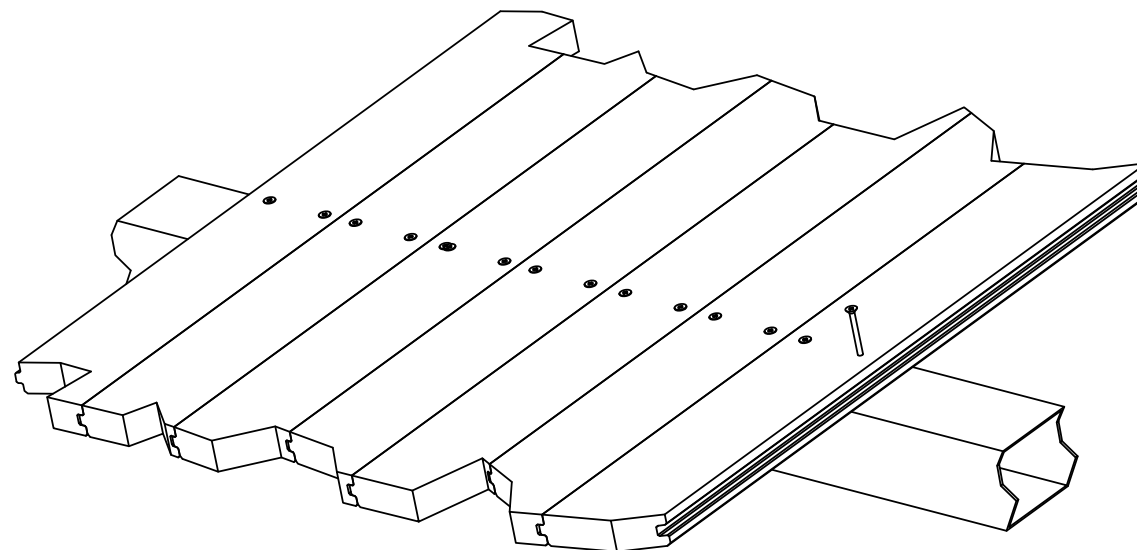


T&G ROOF DECK CONNECTION @ RIDGE

T-G1



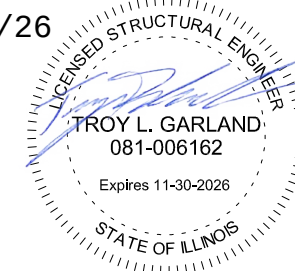
2 3/4" WOOD TO METAL SCREW



T&G ROOF DECK CONNECTION DETAIL @ PURLIN

T-P1

6/5/26



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ROOF DETAILS

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DTH

DATE:

5/28/2026

JOB NO.:

11344

REVISION:

D

BUILDING TYPE:

CG20X40-9TA-P4

PROJECT NAME:

GREENE VALLEY FOREST PRESERVE
NAPERVILLE IL
60565

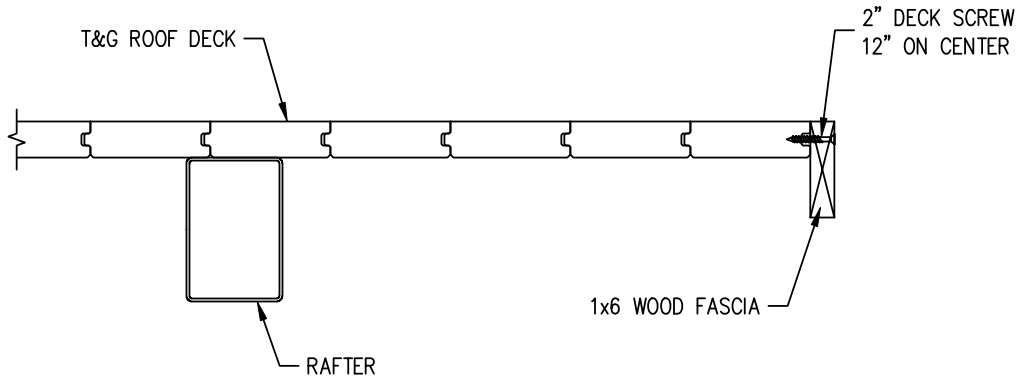
SHEET

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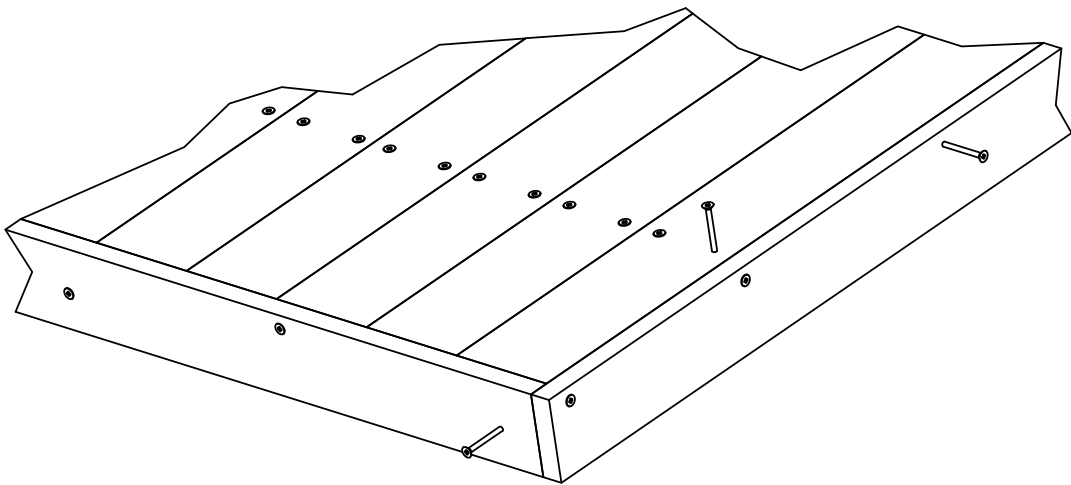
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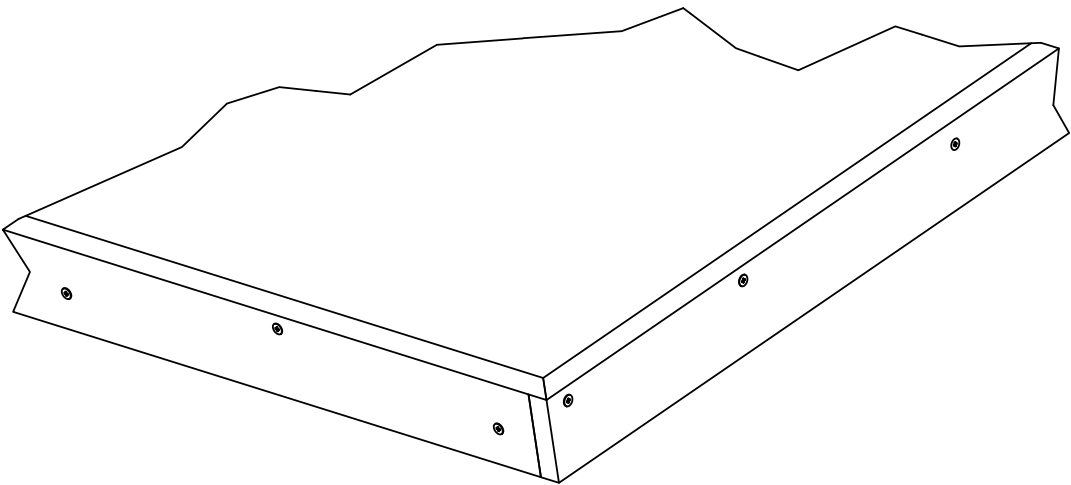
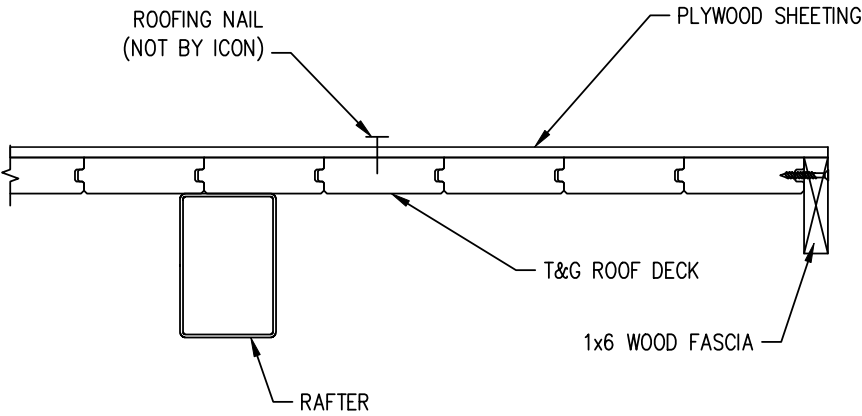


2" DECK SCREW



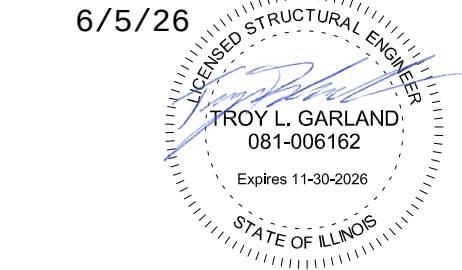
T&G ROOF DECK CONNECTION DETAIL @ RAKE

T-R1



PLYWOOD SHEETING CONNECTION DETAIL @ T&G ROOF DECK

T-C1



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JOB NO.:

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REVISION:

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BUILDING TYPE:

CG20X40-9TA-P4

PROJECT NAME:

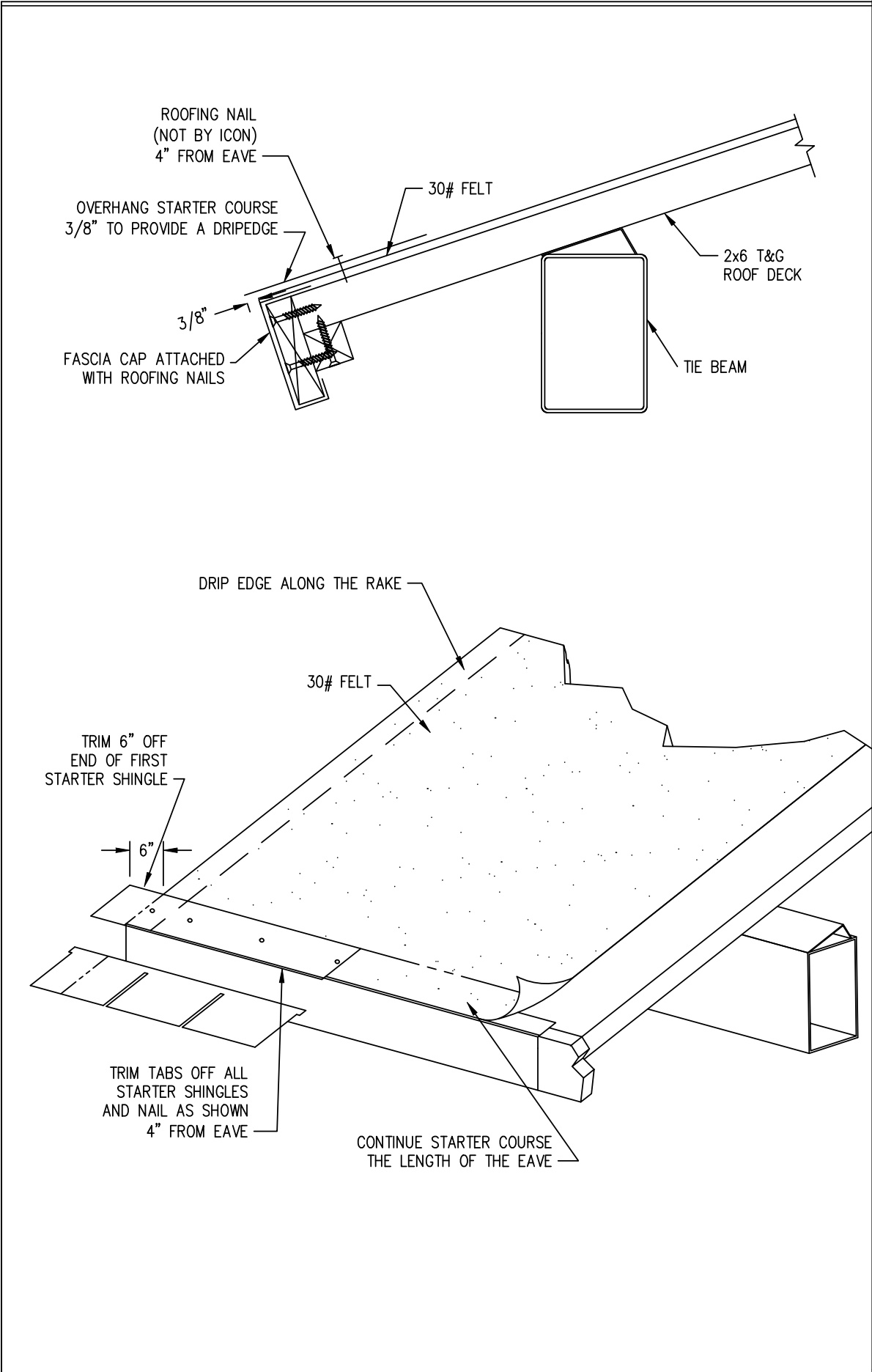
GREENE VALLEY
FOREST PRESERVE
NAPERVILLE IL
60565

SHEET

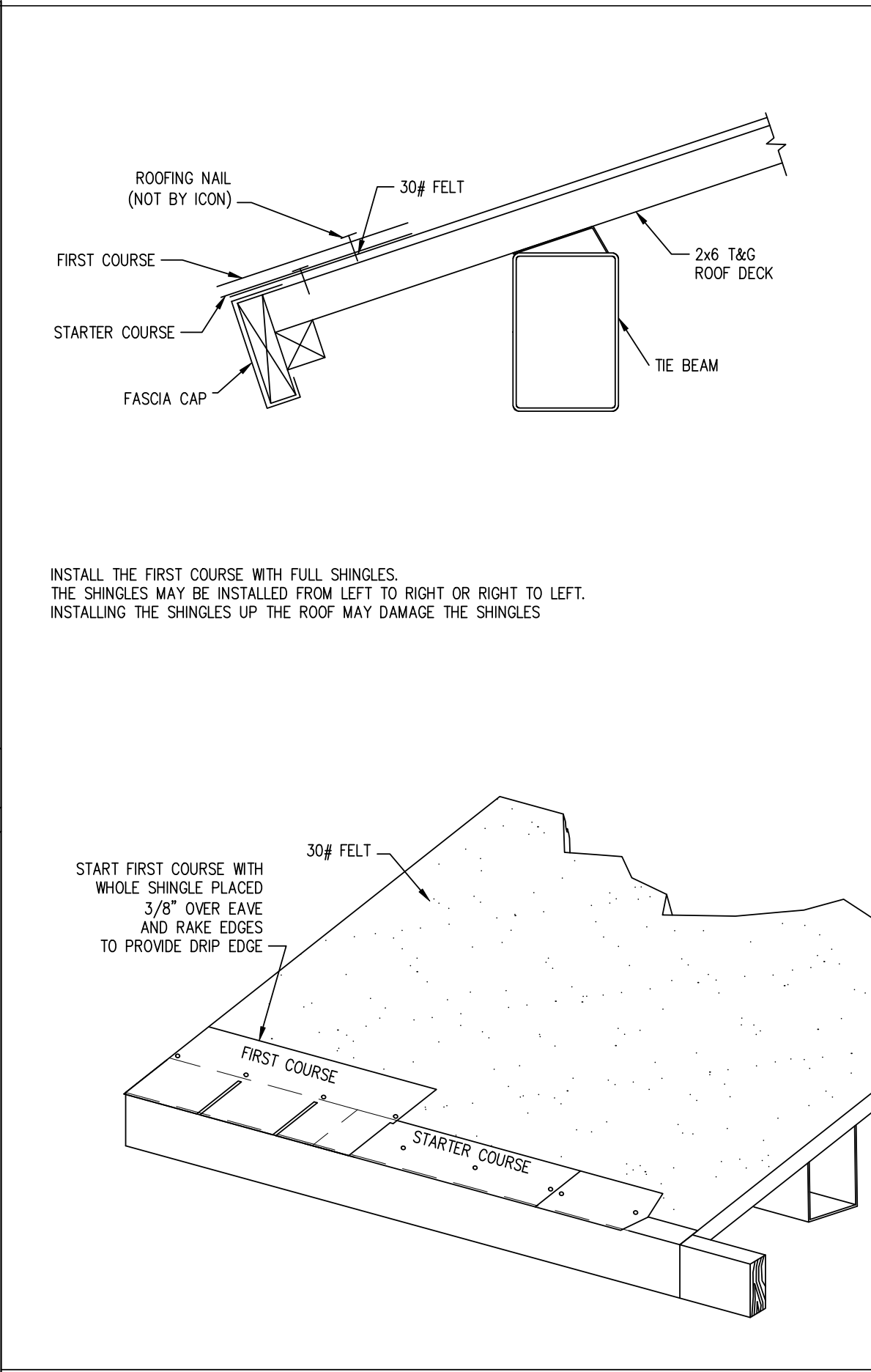
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SHINGLE ROOF AG1



SHINGLE ROOF AG2

6/5/26

LICENSED STRUCTURAL ENGINEER

TROY L. GARLAND

081-006162

Expires 11-30-2026

STATE OF ILLINOIS

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ROOF DETAILS

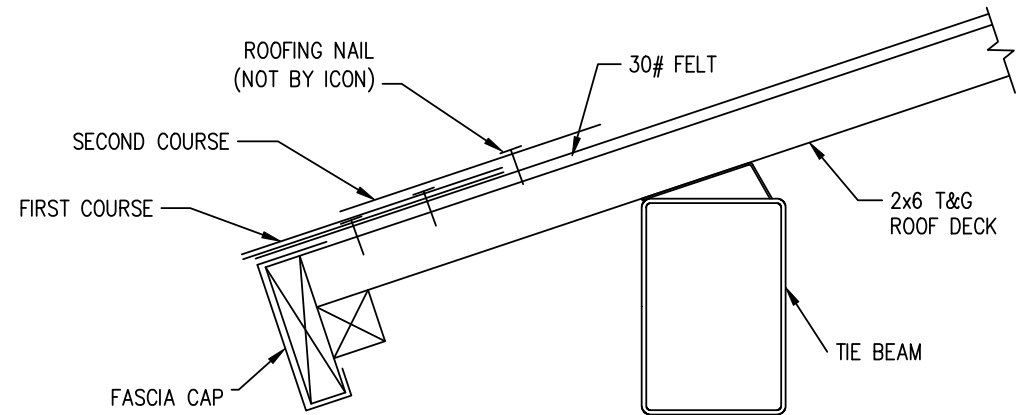
DRAWN BY:	DTH
DATE:	5/28/2026
JOB NO.:	11344
REVISION:	D
BUILDING TYPE:	CG20X40-9TA-P4
PROJECT NAME:	GREENE VALLEY FOREST PRESERVE NAPERVILLE IL 60565

SHEET

R1.3

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START THE FOLLOWING COURSES BY REMOVING TABS THIS ORDER

SECOND COURSE: 1/2 A TAB

THIRD COURSE: WHOLE TAB

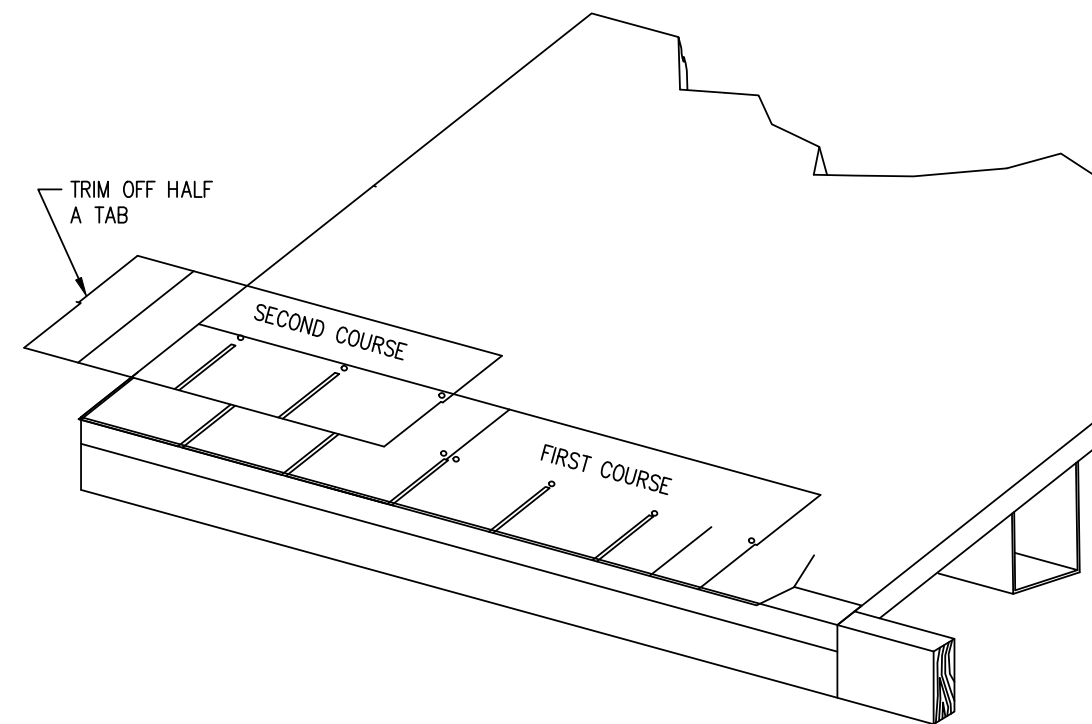
FOUR COURSE: 1 1/2 A TAB

FIFTH COURSE: 2 TABS

SIXTH COURSE: 2 1/2 TABS

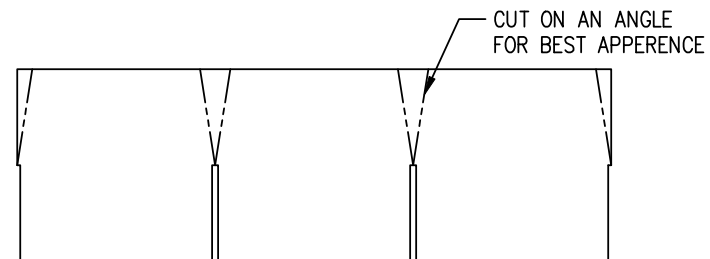
USE A CHALK LINE TO CHECK THE ALIGNMENT WITH THE EAVE AFTER EVERY SIXTH ROW

START THE SEVENTH COURSE WITH A FULL SHINGLE AND REPEAT PATTERN

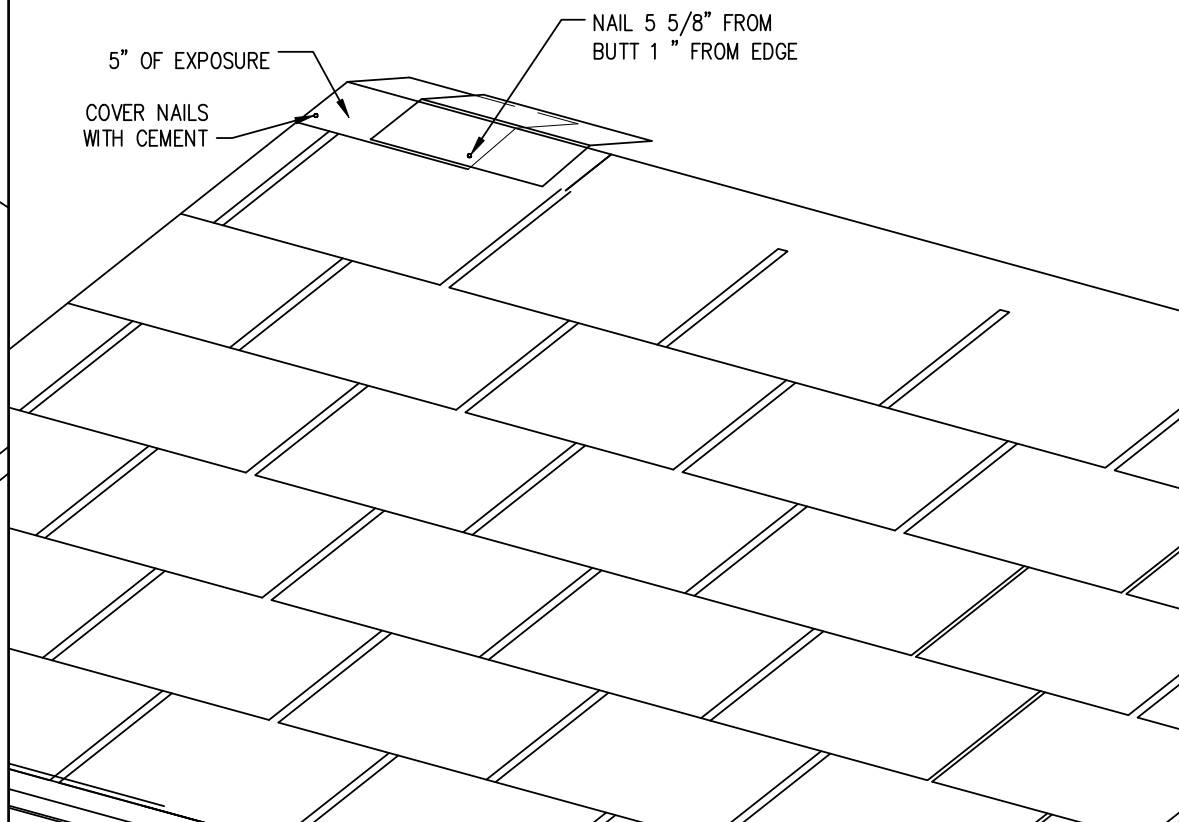


SHINGLE ROOF

AG3



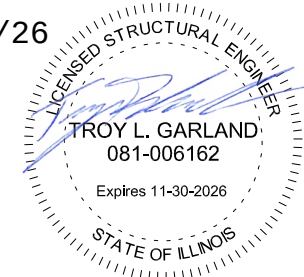
CUT (3) RIDGE SHINGLES FROM WHOLE SHINGLES AS SHOWN
BEND AND CENTER THE RIDGE SHINGLES OVER THE RIDGE
AND NAIL AS SHOWN. POSTION LAP AWAY FROM PREVAILING WINDS



SHINGLE ROOF

AG4

6/5/26



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ROOF DETAILS

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JOB NO.:

11344

REVISION:

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BUILDING TYPE:

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PROJECT NAME:

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SHEET 128 of 128

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