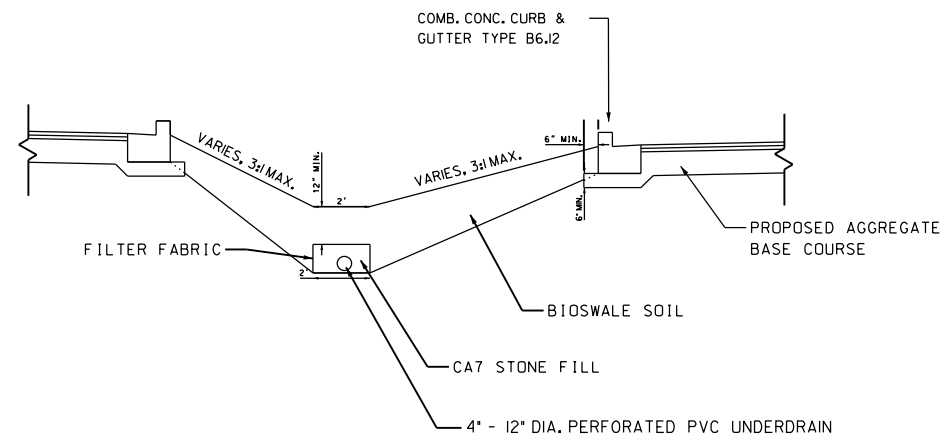
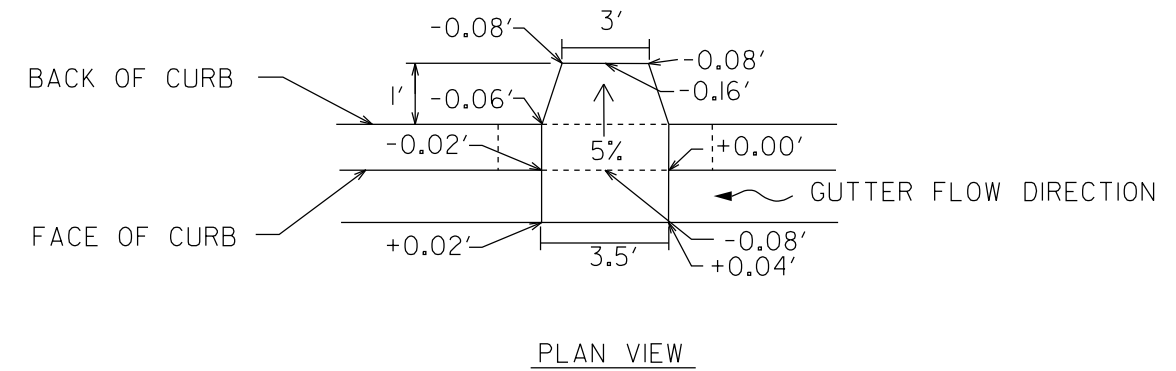
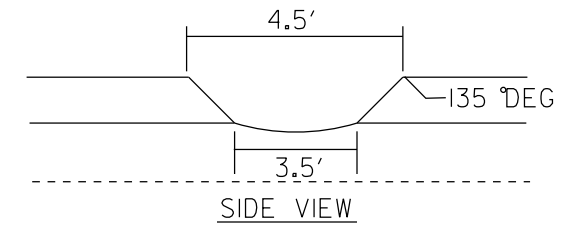


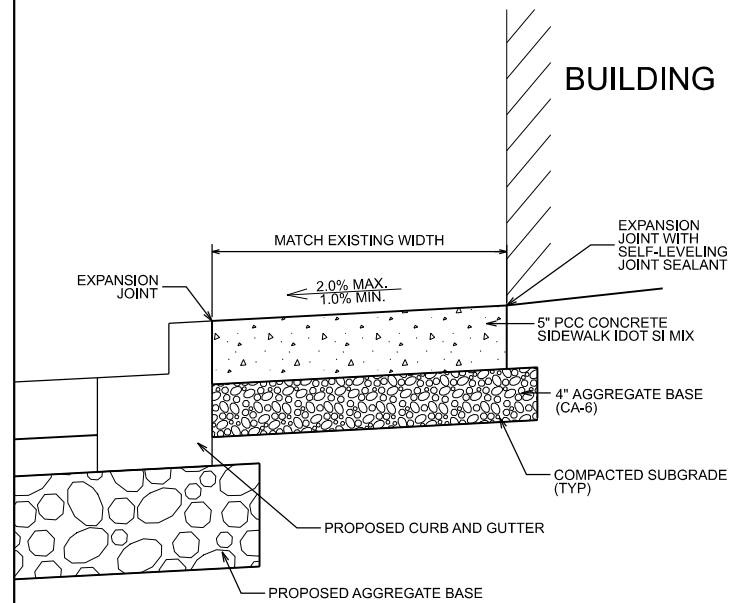
**TYPICAL SECTION - PARKING LOT
 PROPOSED BITUMINOUS PAVEMENT**
 (NOT TO SCALE)



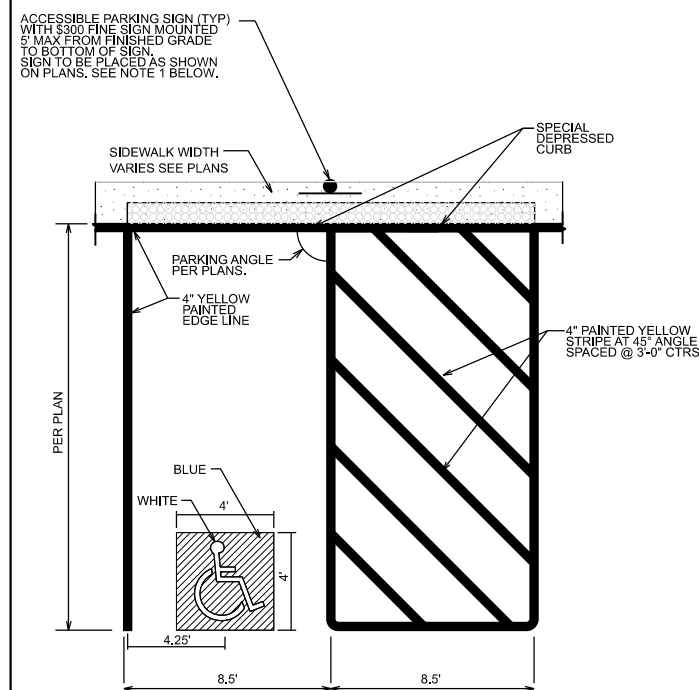
BIOSWALE TYPICAL CROSS SECTION



CURB CUT DETAIL



TYPICAL SECTION - CONCRETE SIDEWALK



NOTES:
 1. MOUNTING FOR HANDICAP SIGNS ON SIDEWALK SHALL BE MOUNTED WITH A BARCO PRODUCT MODEL # BPPB-28. HEIGHT OF SIGN SHALL MEET IDOT STANDARDS. ALL OTHER SIGN POSTS ARE POST MOUNTED WITH METAL POST, TYPE A.

ACCESSIBLE PARKING STALL DETAIL



ACCESSIBLE PARKING SIGN

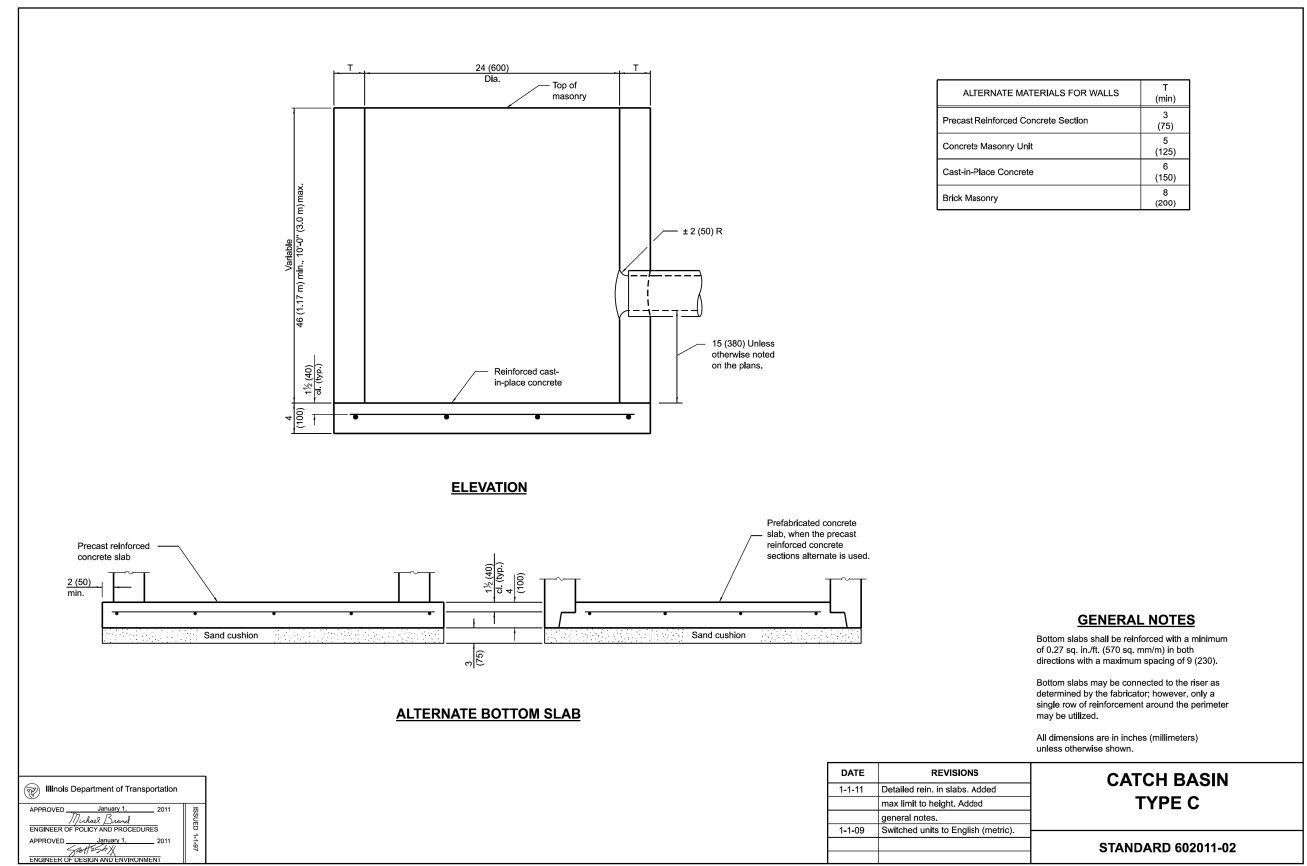
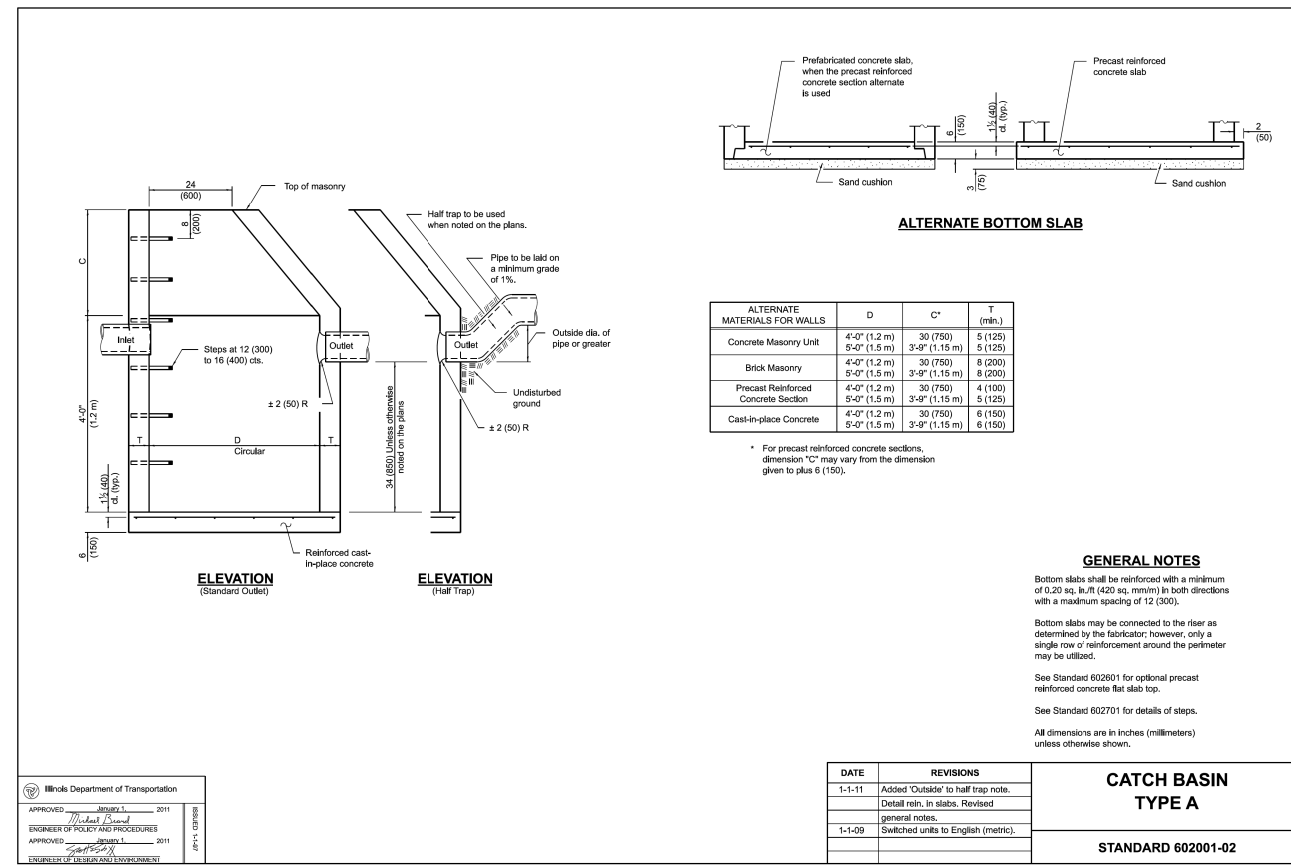
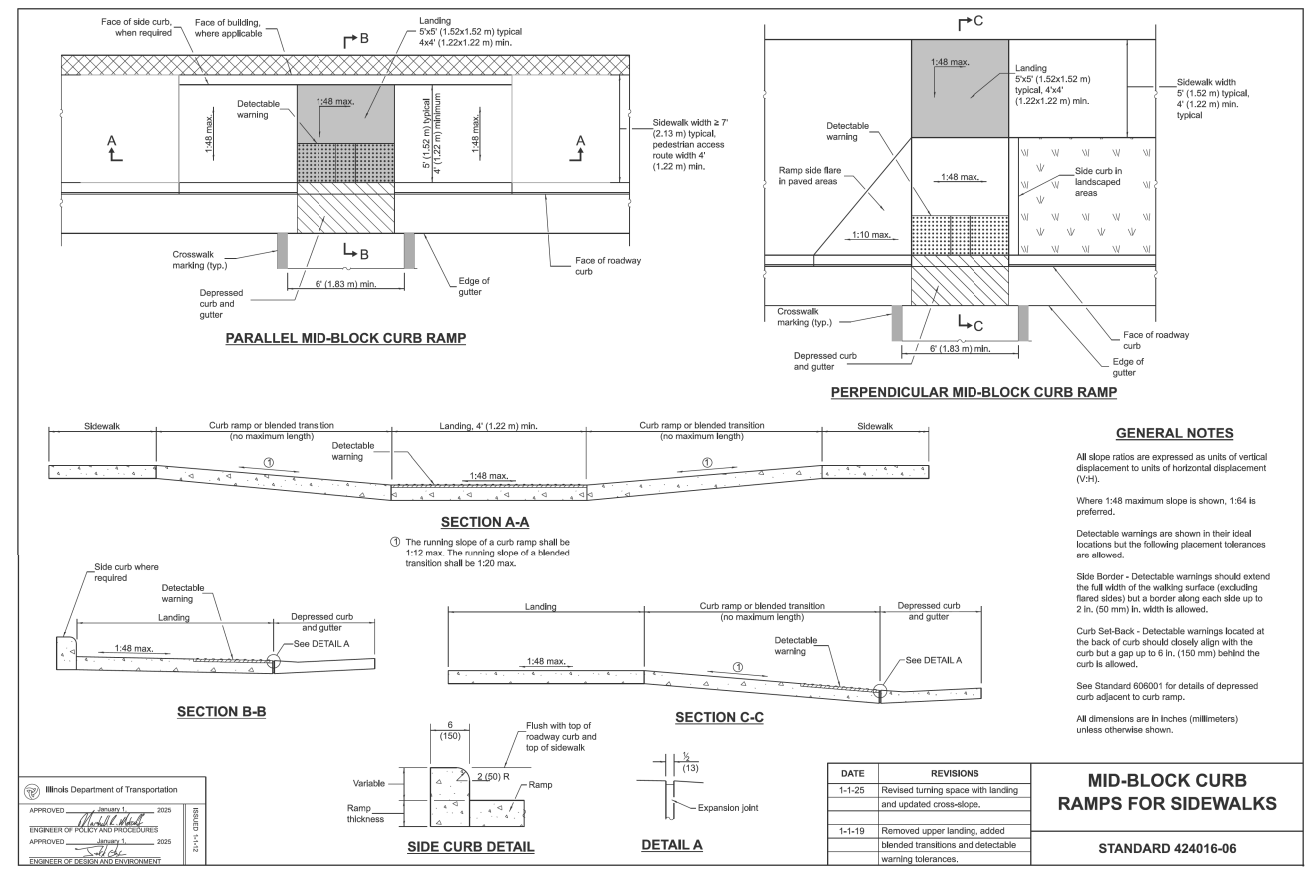
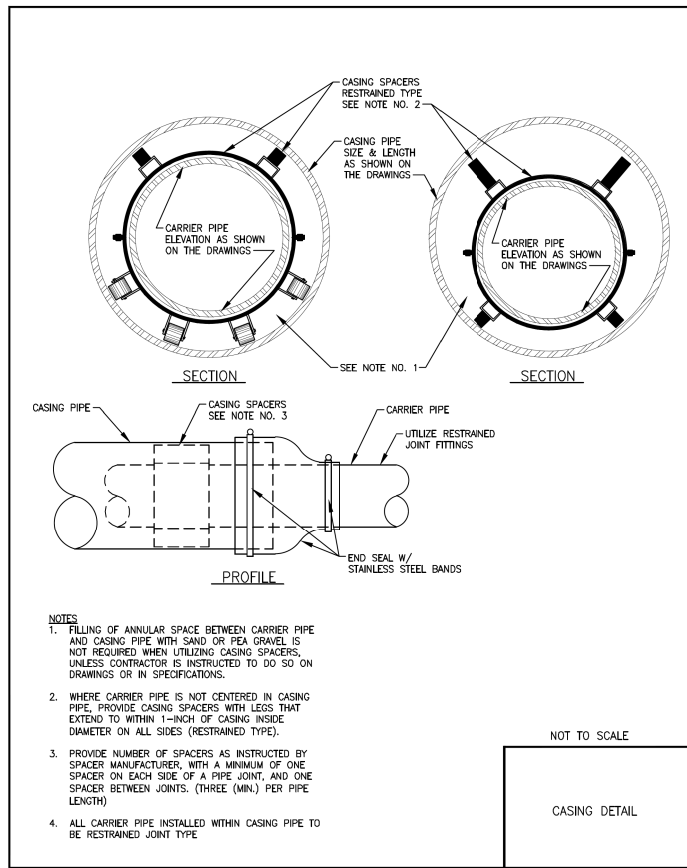
REVISIONS		DESCRIPTION	NO.	DATE
1	11/22/24	90% SET FOR REVIEW BY FPD	JH	
2	01/17/25	REVISED PER COUNTY COMMENTS	CW	
3	02/20/25	BID SET	DP	

PROJECT NO.: 240285
 ORIGINAL ISSUE DATE: 11/8/2024
 PROJECT MANAGER: JH
 DESIGNED BY: CW
 DRAWN BY: DP

MAPLE MEADOWS GOLF COURSE
 RENOVATION
 CONSTRUCTION DETAILS

WOOD DALE
 ILLINOIS





PROJECT NO.: 240265
ORIGINAL ISSUE DATE: 11/8/2024
PROJECT MANAGER: JH
DESIGNED BY: CW
DRAWN BY: DP

REVISIONS

NO.	DATE	DESCRIPTION
1	11/22/24	90% SET FOR REVIEW BY FPD
2	01/17/25	REVISED PER COUNTY COMMENTS
3	02/20/25	BID SET

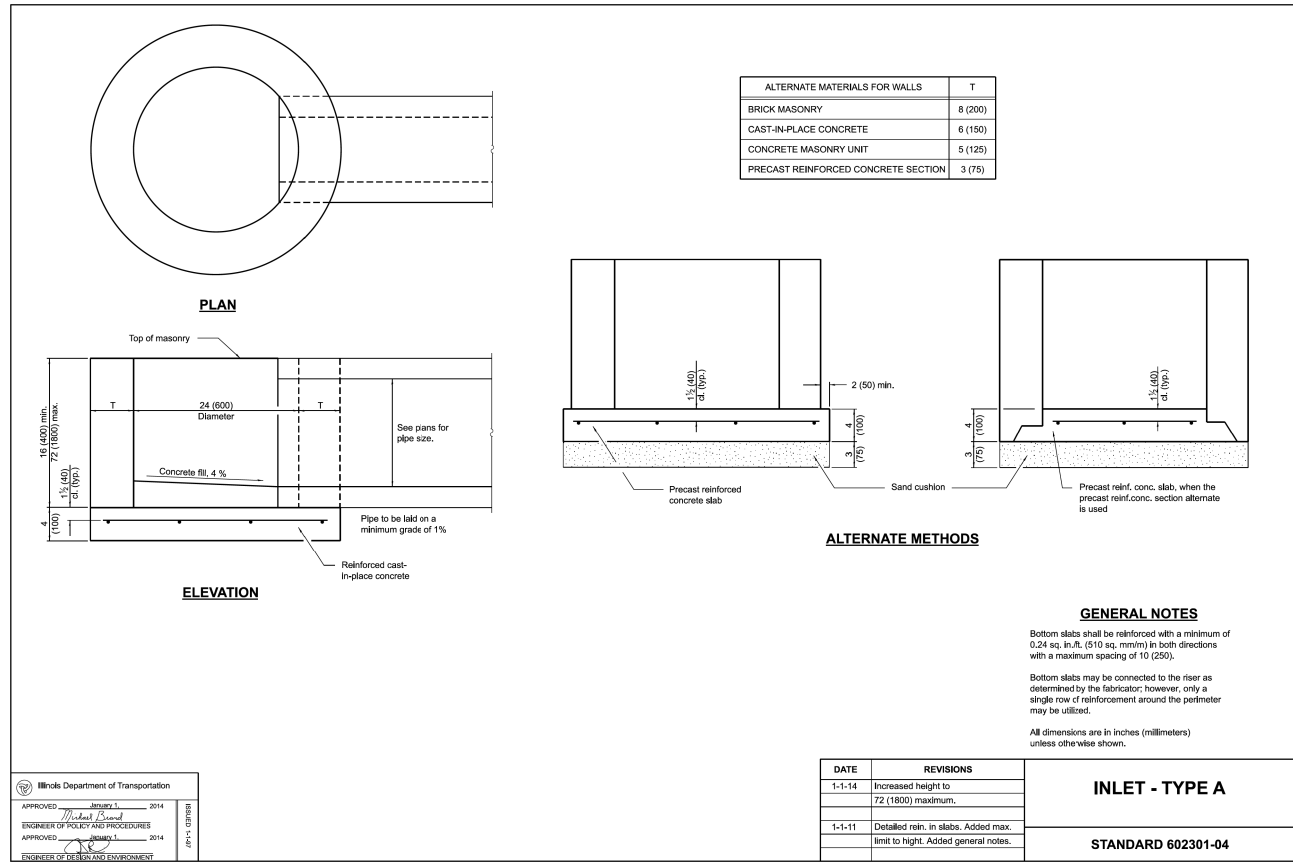
MAPLE MEADOWS GOLF COURSE
RENOVATION
CONSTRUCTION DETAILS

WOOD DALE
ILLINOIS

7325 Janes Avenue
Woodridge, IL 60517
630.724.8200 phone
www.v3co.com

V3

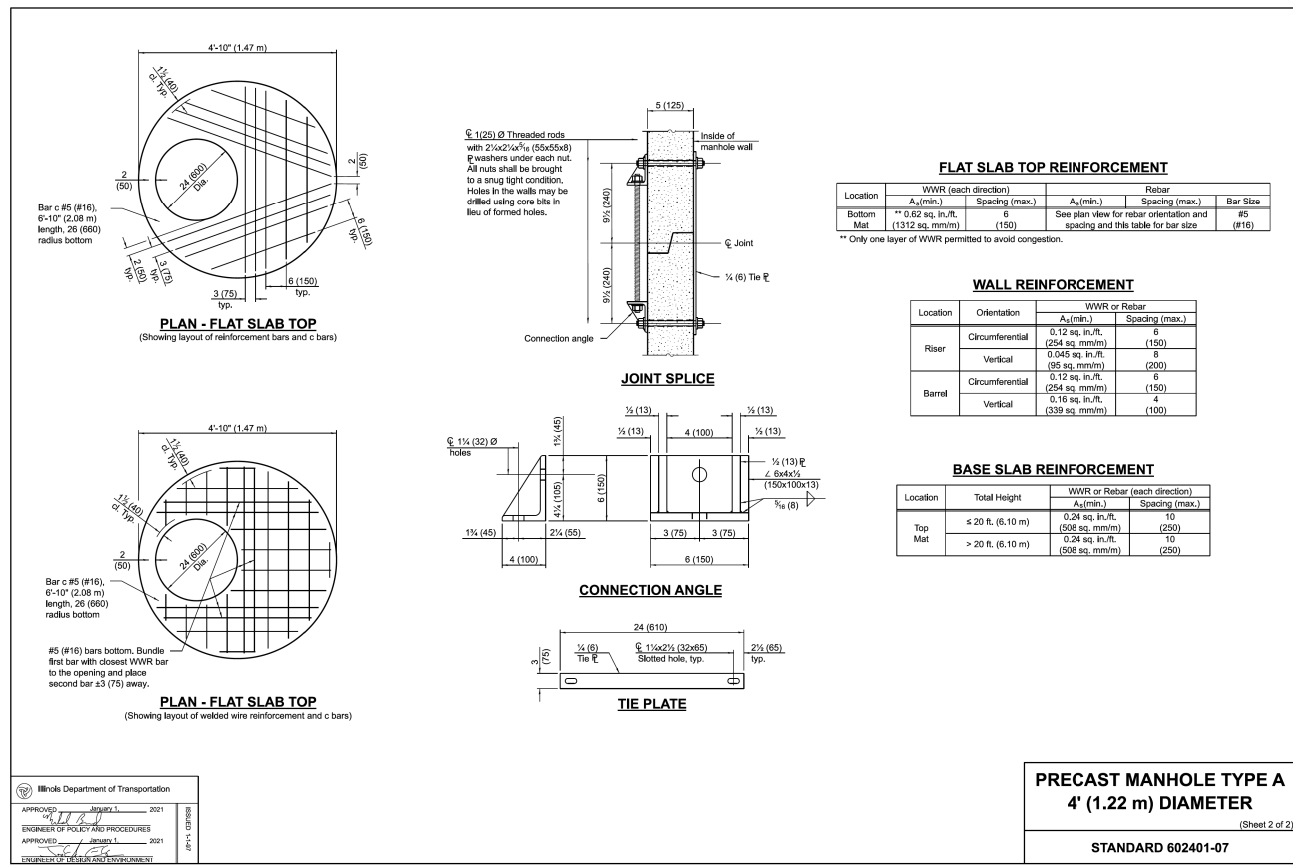
DRAWING NO.
C6.16



DATE	REVISIONS
1-1-14	Increased height to 72 (1800) maximum.
1-1-11	Detailed rein. in slabs. Added max. limit to height. Added general notes.

INLET - TYPE A

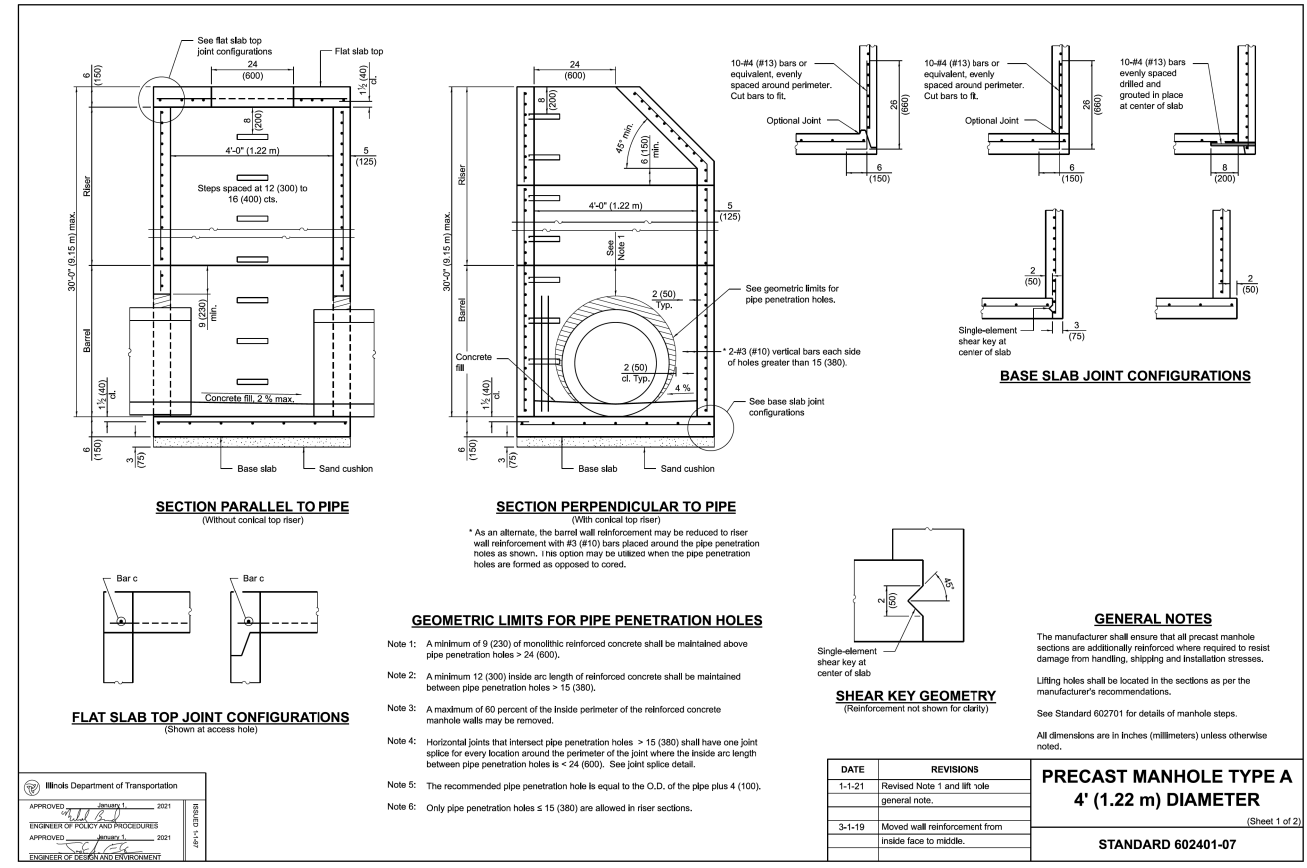
STANDARD 602301-04



PRECAST MANHOLE TYPE A
4' (1.22 m) DIAMETER

STANDARD 602401-07

(Sheet 2 of 2)

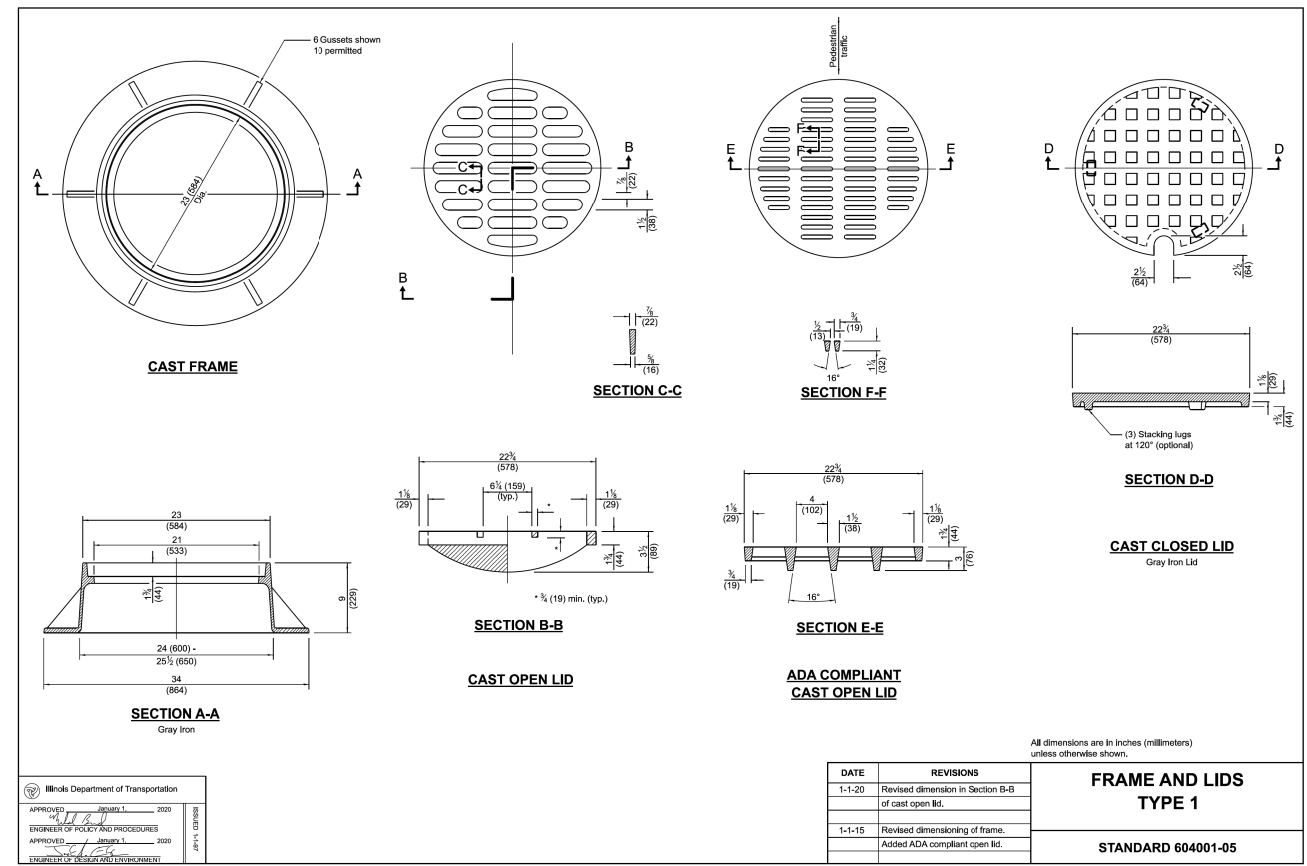


DATE	REVISIONS
1-1-21	Revised Note 1 and lift hole general note.
3-1-19	Moved wall reinforcement from inside face to middle.

PRECAST MANHOLE TYPE A
4' (1.22 m) DIAMETER

STANDARD 602401-07

(Sheet 1 of 2)



DATE	REVISIONS
1-1-20	Revised dimension in Section B-B of cast open lid.
1-1-15	Revised dimensioning of frame. Added ADA compliant open lid.

FRAME AND LIDS
TYPE 1

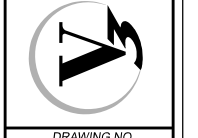
STANDARD 604001-05

PROJECT NO.	240265
ORIGINAL ISSUE DATE:	11/8/2024
PROJECT MANAGER:	JH
DESIGNED BY:	CW
DRAWN BY:	DP

MAPLE MEADOWS GOLF COURSE
RENOVATION
CONSTRUCTION DETAILS

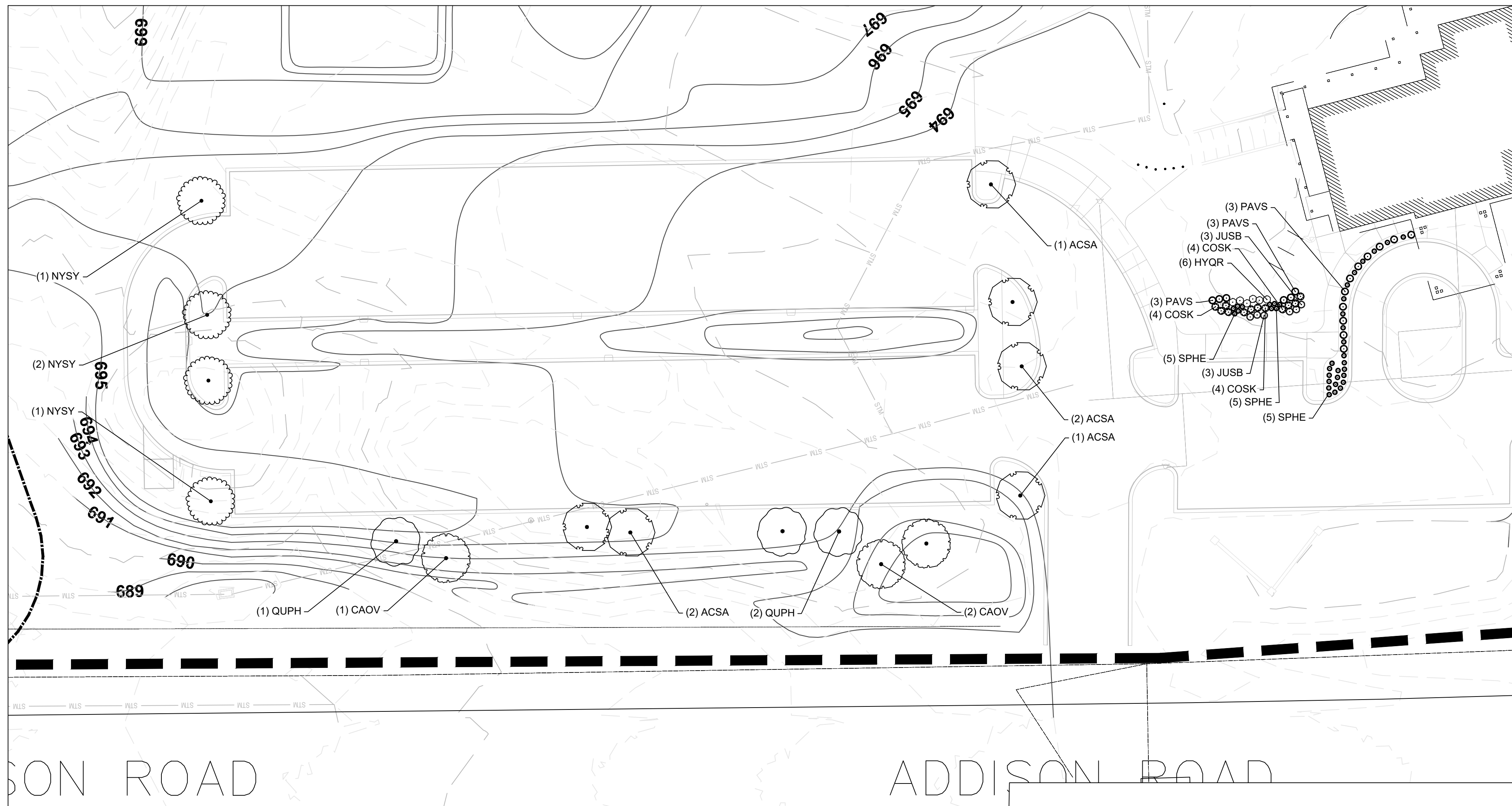
WOOD DALE
ILLINOIS

7325 Janes Avenue
Woodridge, IL 60517
630.724.8200 phone
www.y3co.com



DRAWING NO.

C6.17

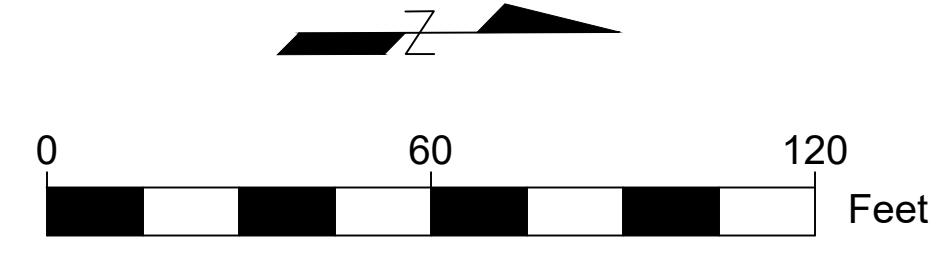


- LEGEND**
- PROPERTY BOUNDARY
 - 595 EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - 830 PROPOSED MAJOR CONTOUR
 - 831 PROPOSED MINOR CONTOUR
 - TREE PROTECTION FENCE
 - ⊙ ⊚ ⊛ ⊜ PROPOSED STORM STRUCTURE
 - (3)PLNT PLANTING COUNT AND SPECIES DESCRIPTION

- LANDSCAPE PLAN NOTES**
1. MULCH TO BE DARK BROWN, FINELY SHREDDED HARDWOOD. INSTALL 3" THICK MINIMUM.
 2. ALL PLANTING BEDS TO HAVE MULCH OVER ENTIRE BED.
 3. ALL PLANTING BEDS TO BE AMENDED WITH 6" OF COMPOST OVER THE ENTIRE BED.
 4. ALL PLANTING BEDS TO HAVE SPADED EDGE. 4" IN DEPTH WITH UNIFORM LINES AND CURVES UNLESS OTHERWISE NOTED.
 5. ANY AREAS DISTURBED DUE TO CONSTRUCTION WILL BE RE-SEEDED WITH TURF GRASS UNLESS NOTED OTHERWISE ON THE PLANS.
 6. BUILDING FOOTPRINTS BASED ON OWNER PROVIDED INFORMATION. ENGINEER AND LANDSCAPE ARCHITECT ASSUMES NO LIABILITY ASSOCIATED WITH CHANGE IN BUILDING FOOTPRINTS. SURVEYOR SHALL CONFIRM WITH OWNER BUILDING FOOTPRINTS PRIOR TO FIELD STAKING.

Call Before You Dig
JULIE
 800.892.0123
 Call 48 hours before you dig

Joint Utility Locating Information for Excavators



BIO-SWALE MIX

Scientific Name	Common Name	Lbs. per Acre
Andropogon scoparius	Little Bluestem	15
Bouteloua curtipendula	Side Oats Grama	15
Carex bicknellii	Copper-Shoulder Oval Sedge	4
Carex comosa	Bristly Sedge	2
Carex vulpinoidea	Brown Fox Sedge	0.2500
Elymus virginicus	Virginia Wild Rye	5
Leersia oryzoides	Rice Cutgrass	3
Scirpus atrovirens	Dark Green Bulrush	0.2500
Total Weight of Seeds (lbs)		44.5500

PERMANENT TURF GRASS SEED MIX

TYPE OF SEED - GRASSES	LARGER
80% Turf-Type Tall Fescue (<i>Festuca arundinacea</i>) - Choose 3 of the following varieties	New Establishment
Bravo 2	Kingdom
Padre/2	Restore
Stetson II	Tango
20% Turf-Type Perennial Ryegrass (<i>Lolium perenne</i>) - Choose 1 of the following varieties	Renovation
Align/2	ProLine
	Prosport 4
6-8 lbs./1,000 SF	
20-50% Existing Cover: 5-7 lbs./1,000 SF	
50-75% Existing Cover: 4-6 lbs./1,000 SF	

COVER CROP TURF GRASS SEED MIX

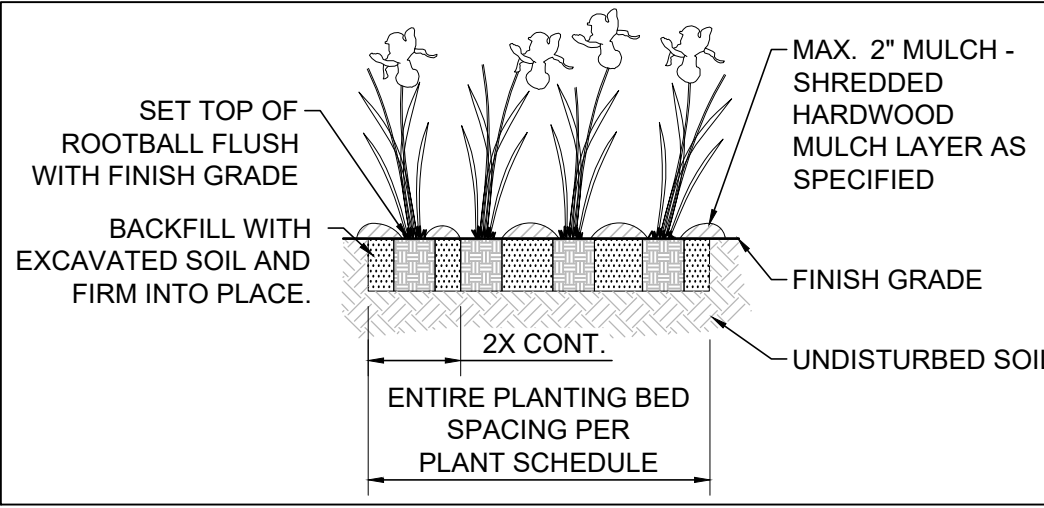
TYPE OF SEED - COVER CROP	SEEDING RATES
Seed Oats (<i>Avena sativa</i>)	32 lbs./ACRE
Annual Rye (<i>Lolium multiflorum</i>)	6 lbs./ACRE

- NOTES:**
1. ANY AREAS DISTURBED DUE TO CONSTRUCTION WILL BE RE-SEEDED WITH TURF GRASS UNLESS NOTED OTHERWISE ON THE PLANS.
 2. PROPER SEED BED PREPARATION IS NECESSARY TO ESTABLISH TURF GRASS. SEE LANDSCAPE SPECIFICATIONS FOR ADDITIONAL DETAILS.
 3. IRRIGATION AND/OR STARTER MULCH IS RECOMMENDED FOR MAXIMUM SEED GERMINATION.

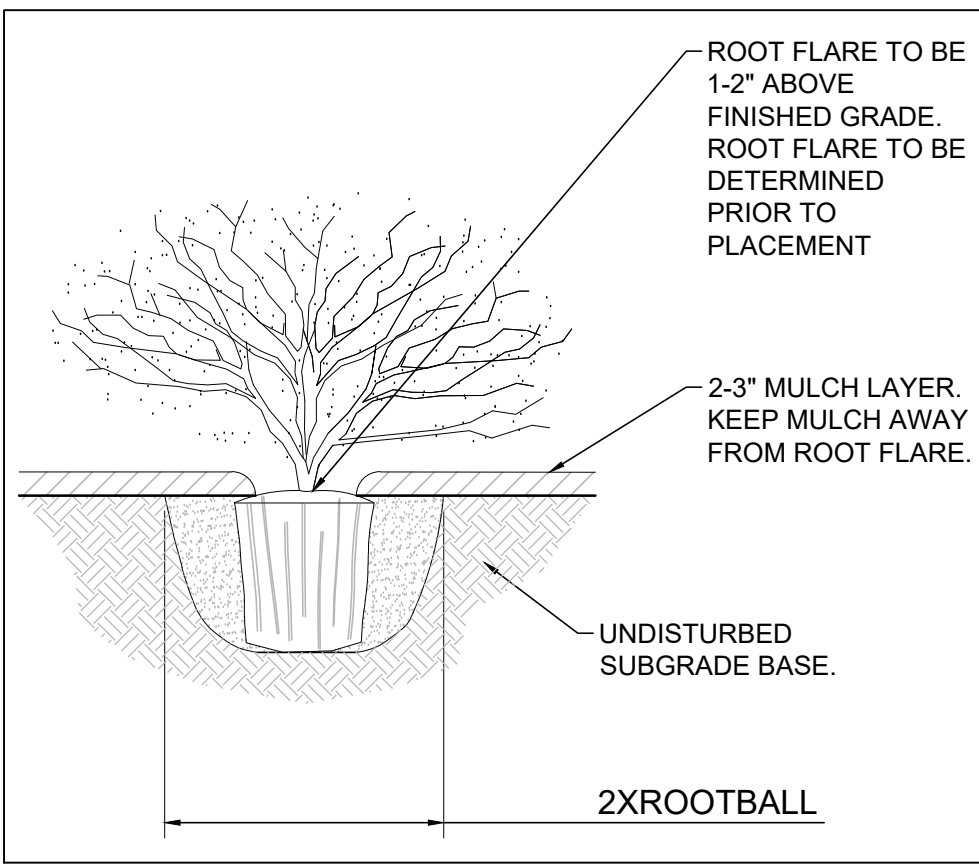
PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CAL	HT
TREES							
	ACSA	6	ACER SACCHARUM	SUGAR MAPLE	B & B	2" MIN.	
	CAOV	3	CARYA OVATA	SHAGBARK HICKORY	B & B	2" MIN.	
	NYSY	4	NYSSA SYLVATICA	TUPELO	B & B	2" MIN.	
	QUPH	3	QUERCUS PHELLOS	WILLOW OAK	B & B	2" MIN.	
SHRUBS							
	COSK	12	CORNUS SERICEA 'KELSEY'	KELSEY'S DWARF RED TWIG DOGWOOD	CONT.		18" MIN.
	HYQR	6	HYDRANGEA QUERCIFOLIA 'RUBY SLIPPERS'	RUBY SLIPPERS OAKLEAF HYDRANGEA	CONT.		24" MIN.
	JUSB	6	JUNIPERUS SQUMATA 'BLUE STAR'	BLUE STAR JUNIPER	CONT.		24" MIN.
GRASSES							
	PAVS	17	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS	CONT.		18" MIN.
	SPHE	35	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	CONT.		18" MIN.

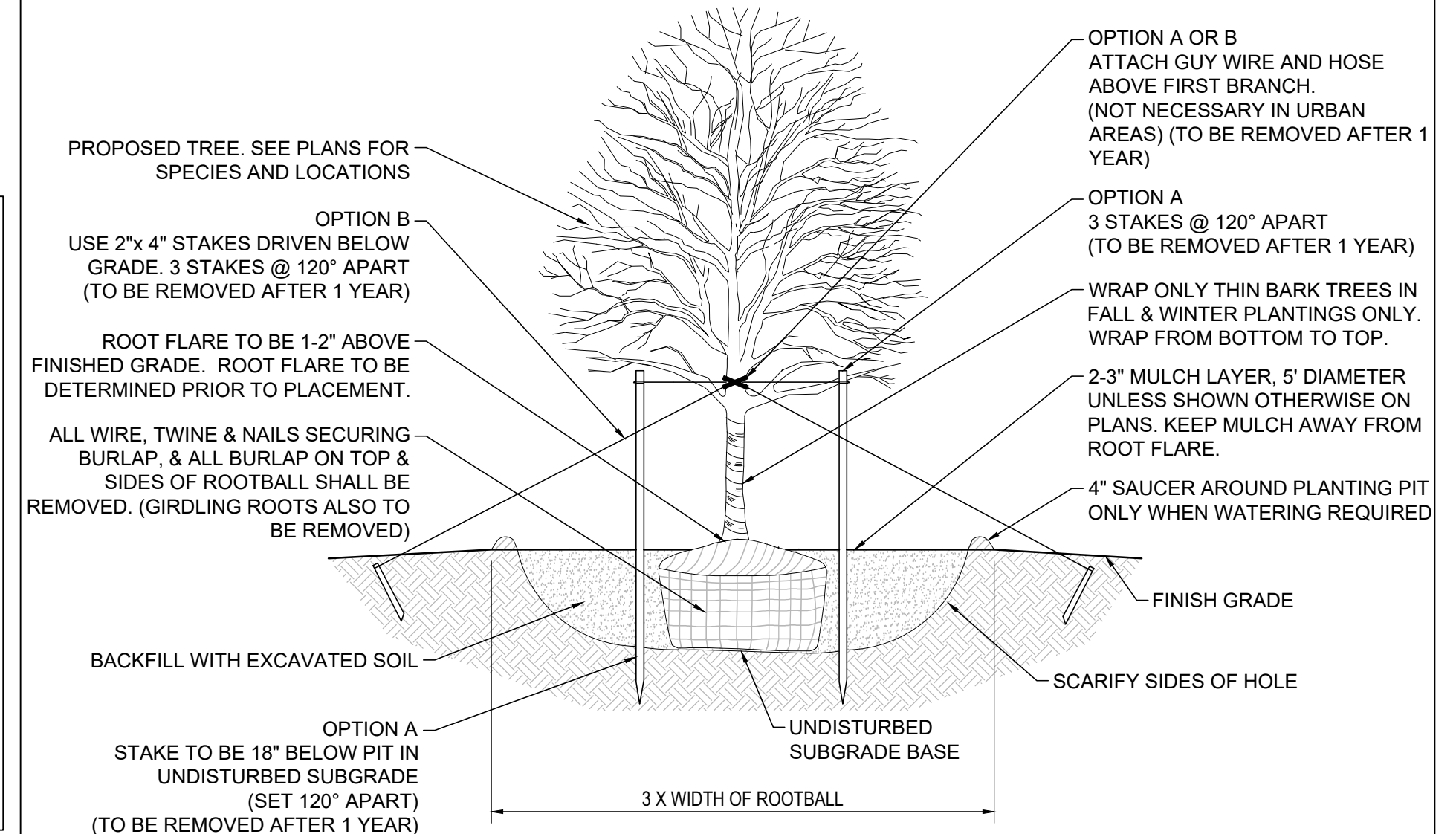
01 PLANT SCHEDULE
SCALE: NTS



02 ORNAMENTAL GRASS PLANTING DETAIL
SCALE: 1/2" = 1' - 0"



03 SHRUB PLANTING DETAIL
SCALE: 1/4" = 1' - 0"



04 SHADE TREE PLANTING DETAIL
SCALE: 1/4" = 1' - 0"

REVISIONS

NO.	DATE	DESCRIPTION
1	11/22/24	90% SET FOR REVIEW BY FPD
2	01/17/25	REVISED PER COUNTY COMMENTS
3	02/20/25	BID SET

ORIGINAL ISSUE DATE: 11/8/2024

PROJECT NO.: 240265
 PROJECT MANAGER: ATR
 DESIGNED BY: ATR
 DRAWN BY: ATR

LANDSCAPE PLAN
MAPLE MEADOWS GOLF COURSE
WOOD DALE RENOVATION

7325 JAMES AVE
 WOODRIDGE, IL 60621
 (630)-724-9200
 www.v3co.com

DRAWING NO.
L7.1

LANDSCAPE SPECIFICATIONS

1.1 SITE PREPARATION

When feasible, prior to mass earthwork operations, stake the limits of the proposed stormwater management areas & landscape planting areas and do not allow heavy equipment to run over the soil in these locations. Soil compaction is very critical in the functioning of stormwater management areas.

Do not clear vegetation until necessary to help minimize site erosion.

Place tree protection barriers around the drip line of all trees that are to remain. There shall be no storage of materials, heavy equipment or vehicles within the drip line of trees.

1.2 MATERIALS

1.2.1 SUBMITTAL REQUIREMENTS

Contractors shall submit to engineer/landscape architect for review and approval all proposed materials to be used within the stormwater management areas and landscape areas prior to purchase. Submittals include but are not limited to:

- Planting soil composition
- Compost/Mulch
- River Cobble
- Turf Grass Sod and Seed
- Plant lists (Woody and herbaceous materials)
- Herbicides and Pre-Emergent Herbicides

1.2.2 PLANTING SOIL

The soil shall be a uniform, well blended mix, free of stones, stumps, roots or other similar objects larger than two inches. No other materials or substances shall be mixed or dumped within the bio-retention area that may be harmful to plant growth, or prove a hindrance to the planting or maintenance operations. The soil mix shall be free of Bermuda grass, Quack grass, Johnson grass, or other noxious weeds. The planting soil for bio-retention facilities shall consist of a mixture of sand or crushed glass cullet of equivalent grade, topsoil, and compost components, to obtain an engineered soil mix meeting the following specifications:

USDA Texture class: sandy loam or loamy sand. Mineral fraction consists of no less than 40% well-graded sand or glass cullet and no greater than 10% clay (dry weight basis)
 Organic content: 20% (dry weight basis)
 pH: 5.5 - 7.0
 Soluble Salts (Salinity): less than 500 mg/kg (500ppm)
 Phosphorous: soil p-index should be between 15 and 40
 Permeability: Minimum 0.50 inches/hour

Volumetric proportions of the components making up the bio-retention soil mix shall be as follows:

- Sand: 50% by volume
- Compost: 20% by volume
- Topsoil: 30% by volume

Compost shall be finished (aged), and composted material shall be of plant origin. Compost shall have a C:N ratio ≤ 25:1.

If the planting soil does not meet the above characteristics, then it shall either be adjusted to meet the criteria or removed and replaced with an acceptable planting soil. See 1.3 Testing Requirements.

Existing topsoil on site may be amended to meet the specifications of the planting soil mix. The existing topsoil shall be tested for organic content, grain size analysis and permeability to identify necessary amendments.

Planting soil shall not be incorporated into the Work until it is approved by the engineer/landscape architect.

1.2.3 MULCH MATERIAL

A mulch layer shall be provided on top of the planting areas, to the depth OF 2-3 inches. The material shall consist of finished (aged) leaf compost mulch, and shall be well mixed and homogenous, uniform in color and free of foreign material and viable plant seeds. The mulch material shall have no visible free water and produce no dust when handled. It shall meet the following criteria:
 90% of material passing ½" screen
 Organic content: 35- 65% (dry weight basis)
 pH: 6.0 - 8.0

1.2.5 LIVE PLANT MATERIAL

1.2.5.1 TREES

General: Furnish nursery-grown plants true to genus, species, variety, cultivar, stem form, shearing, and other features indicated in Plant Schedule or Plant Legend shown on Drawings and complying with ANSI Z60.1, and with healthy root systems developed by transplanting or root pruning. Provide well-shaped, fully branched, healthy, vigorous stock, densely foliated when in leaf and free of disease, pests, eggs, larvae, and defects such as knots, sun scald, injuries, abrasions, and disfigurement.

Root-Ball Depth: Furnish trees and shrubs with root balls measured from top of root ball, which shall begin at root flare according to ANSI Z60.1. Root flare shall be visible before planting.

No bare root material shall be used unless specified on the plans.

Containerized Plant Material: Provide healthy, disease-free plants of species and variety shown or listed, with well-established root systems reaching to sides of the container to maintain a firm ball, but not with excessive root growth encircling the container. Provide only plants that are acclimated to outdoor conditions before delivery.

Plant material and quantities for stormwater management areas and landscape areas shall be taken from the plans. Any plant material substitutions shall require approval from the engineer/landscape architect.

1.3 TESTING REQUIREMENTS

1.3.1 PLANTING SOIL TESTING

Soil tests shall be performed for every 500 cubic yards of planting soil, with the exception of pH and organic content tests, which are required only once per stormwater management BMP.

The planting soil shall be tested and shall meet the following criteria:

- pH range: 5.5 - 7.0
- organic matter: 5 - 10% (dry weight basis)
- magnesium: minimum 35 lbs/acre
- phosphorus (phosphate - P2O5, Bray I): shall not exceed 75 lbs./acre
- potassium (potash - K2O): minimum 85 lbs/acre
- soluble salts not to exceed 500 ppm

1.4 INSTALLATION

1.4.1 PLANTING SOIL

Installation of soils must be completed in a manner that will ensure preservation of the infiltrative capacity of the underlying soils. The moisture content of the soil shall be low enough to prevent clumping and compaction during placement.

Uniformly grade planting soil to achieve a smooth surface, free of irregular surface changes. Do not over-work or excessively compact planting soil. Grade to cross sections, thickness and elevations indicated on plans. Settling of soil by walking on surface and working with hand equipment is acceptable.

1.4.2 TURF GRASS

1.4.2.1 SEQUENCING AND SCHEDULING

1.4.2.2 SITE PREPARATION

Verify the depth and quality of the topsoil and that the topsoil has been placed according to specifications or exists as a current site condition.

Restore areas if eroded or otherwise disturbed after finish grading and before installation. Proceed with installation only after unsatisfactory conditions have been corrected.

All weeds and grasses shall be dug out by the roots and disposed of off-site.

Rake so all areas drain and are of uniform slope.

Remove all trash and stones exceeding ½" in diameter from area to a depth of 2" prior to preparation and installation of sod. Removal of stones and debris shall be done at the time of installation. Repair topsoil disturbed by removal of stones and debris.

1.4.2.3 PLANTING

Turf grass shall be placed on prepared soil that has been watered and is still moist. Turf grass sod shall be laid with tight joints, rolled, and thoroughly watered. River water, where available and allowed by federal, state and local authorities, is suitable for irrigation.

When installation occurs on a sloping surface where erosion may be a problem, turf grass sod shall be laid with staggered joints and secured by pegging.

1.4.3 PERMANENT TURF GRASS SEED

1.4.3.1 SEQUENCING AND SCHEDULING

Perform the seeding work and at such times that the seeding will not be damaged by freezing temperatures, rain, or high winds. Optimum Seeding Dates:

- Northern Indiana/Illinois: August 15 through September 15
- Southern Indiana/Illinois: September 1 through September 30

Dormant seeding can be done from Thanksgiving through March, when no snow is present, but before the ground has thawed.

Spring seeding is often difficult but is acceptable from April through June if site conditions and construction schedules warrant the need for spring seeding.

Summer seeding should be avoided when possible.

Permanent seeding done between May and August may require irrigation.

1.4.3.2 SITE PREPARATION

Verify the depth and quality of the topsoil and that the topsoil has been placed according to specifications or exists as a current site condition. Restore areas if eroded or otherwise disturbed after finish grading and before installation. Proceed with installation only after unsatisfactory conditions have been corrected.

All weeds and grasses shall be dug out by the roots and disposed of off-site.

Rake topsoil thoroughly by running in two directions at right angles over the entire surface to be planted. Rake so all areas drain and are of uniform slope.

Remove all trash and stones exceeding ½" in diameter from area to a depth of 2" prior to preparation and installation of sod. Removal of stones and debris shall be done at the time of installation. Repair topsoil disturbed by removal of stones and debris.

1.4.3.3 PLANTING

Sow grassed areas evenly with a mechanical spreader at the minimum rate as specified on the plans, roll to cover seed and water with fine spray. Wet soil at a rate of approximately 120 gallons per 1,000 square feet. River water, where available and allowed by federal, state and local authorities, is suitable for irrigation.

Method of seeding may be varied at discretion of Contractor on his own responsibility to establish a smooth, uniformly grassed area.

1.4.4 TREES

1.4.4.1 SEQUENCING AND SCHEDULING

Planting Time: Proceed with, and complete landscape work as rapidly as portions of site become available, working within seasonal limitations for each kind of landscape work required.

Planting seasons shall be as follows:

Deciduous Trees: Primary Planting Time March 15th to June 30th, and Secondary Planting Time September 1st to December 1st, unless noted otherwise on drawings.

If weather conditions within these seasons are not favorable to plant health and establishment at the time of planting (e.g. drought), planting shall be delayed until favorable conditions resume or further actions shall be taken to ensure healthy establishment (e.g. irrigation). It is the responsibility of the contractor to ensure survivability during the warranty period.

1.4.4.2 SITE PREPARATION

Planting Pits and Trenches: Excavate circular planting pits with sides sloping inward at a 45-degree angle. Excavations with vertical sides are not acceptable. Trim perimeter of bottom leaving center area of bottom raised slightly to support root ball and assist in drainage away from center. Do not further disturb base. Ensure that root ball will sit on undisturbed base soil to prevent settling. Scarify sides of planting pit smeared or smoothed during excavation.

Excavate approximately two times as wide as ball diameter for shrubs and three times as wide for trees. Do not excavate deeper than depth of the root ball, measured from the root flare to the bottom of the root ball.

1.4.4.3 PLANTING

Before planting, verify that root flare is visible at top of root ball according to ANSI Z60.1.

Remove stem girdling, broken or kinked roots. Remove injured roots by cutting cleanly; do not break.

Set stock plumb and in center of planting pit or trench with root flare 1-2 inches above adjacent finish grades. To prevent settling of the root ball, root ball should be placed on undisturbed soil only.

Use planting soil as specified in 1.4.2 for backfill.

Balled and Burlapped: After placing some backfill around root ball to stabilize plant, carefully cut and remove burlap, rope, and wire baskets from tops of root balls and from sides. Where practical remove burlap, rope and wire baskets from under root balls. Remove pallets, if any, before setting. Do not use planting stock if root ball is cracked or broken before or during planting operation.

Container-Grown: Carefully remove root ball from container without damaging root ball or plant.

Fabric Bag-Grown Stock: Carefully remove root ball from fabric bag without damaging root ball or plant. Do not use planting stock if root ball is cracked or broken before or during planting operation.

Loosen pot-bound roots and remove or cut any circling and girdling roots.

Do not place root ball directly on any underdrain structures. If root ball is larger than soil depth, adjust root ball such that it is adjacent to but not resting on any underdrain structures.

Backfill around root ball in layers, tamping to settle soil and eliminate voids and air pockets. When planting pit is approximately one-half filled, water thoroughly before placing remainder of backfill. Repeat watering until no more water is absorbed.

Continue backfilling process. Water again after placing and tamping final layer of soil.

2-3 inches of mulch material (per 1.2.3) to be placed uniformly on top of soil after plant material is installed.

See details on plans for plant installation.

When planting on slopes, set the plant so the root flare on the uphill side is flush with the surrounding soil on the slope; the edge of the root ball on the downhill side will be above the surrounding soil. Apply enough soil to cover the downhill side of the root ball.

Water all trees and shrubs deeply and thoroughly upon installation and as described in section 1.7.3 to maintain health during the first year of establishment.

Stake tree in southwesterly direction. Ties should be loose fitting and allow for natural sway. Remove after one year.

Minimize pruning to dead or broken branches.

Place 4" perforated corrugated plastic pipe (CPP) around tree for protection from deer. Cut length to height of tree from root flare to first branch and slice lengthwise. (Not necessary in urban areas) Contractor shall be responsible for replacement of any plant material damaged by wildlife if protective CPP is not installed.

1.5 QUALITY OF WORKMANSHIP

1.5.2 TREES

All workmanship and finishes shall be first class in all respects, and in accordance with the best practice. The drawings and specifications describe the scope of work but do not show or describe all work or material that may be required for full performance and completion of the contract documents. On the basis of the scope shown herein, Contractor shall furnish and install all parts required for the proper execution and completion of the work. Any item included will require the Contractor to furnish and install all parts needed for a complete installation.

1.6 GUARANTEE AND WARRANTY

1.6.3 TREES

All work in this Section shall be guaranteed against any and all defects in workmanship and materials appearing within a period of one (1) year after final completion of all installation work and acceptance of the work by the Owner. Contractor shall replace, without additional expense to the Owner, any materials and workmanship that show defects within said period, with finished and new materials.

1.7 MAINTENANCE REQUIREMENTS

1.7.3 TREES & SHRUBS

Initial Maintenance Service: Provide maintenance by skilled employees of landscape Installer. Maintain as required in below. Begin maintenance immediately after plants are installed and continue until plantings are acceptably healthy and well established but for not less than maintenance period below.

Maintenance Period for Trees: one year

Maintain plantings by pruning, watering, weeding, mulching, resetting to proper grades or vertical position, and performing other operations as required to establish healthy, viable plantings. Spray or treat as required to keep trees and shrubs free of insects and disease.

Prune trees, shrubs, and vines according to standard professional horticultural and arboricultural practices. Do not cut tree leaders; remove only injured, dying, or dead branches from trees and shrubs; and prune to retain natural character.

Irrigate the plants as necessary to maintain rootball moisture throughout the first growing season. Surrounding soil moisture is not a suitable substitute for rootball moisture evaluation. Use of river water, where available and allowed by federal, state and local authorities, is acceptable for irrigation purposes.

Fill in as necessary soil subsidence that may occur because of settling or other processes. Replace mulch materials damaged or lost in areas of subsidence or where moved by stormwater flows from large rainfall events.

Apply treatments as required to keep plant materials, planted areas, and soils free of pests and pathogens or disease. Use practices to minimize the use of pesticides and reduce hazards.

Protect plants from damage due to landscape operations and operations of other contractors and trades. Maintain protection during installation and maintenance periods. Treat, repair, or replace damaged plantings.

After the first growing season, evaluate the health and structure of the plant and provide structural pruning only as necessary.

REVISIONS

ORIGINAL ISSUE DATE: 11/08/2024

PROJECT NO.: 240265

PROJECT MANAGER: ATR

DESIGNED BY: ATR

DRAWN BY: ATR

NO. DATE DESCRIPTION

1 11/22/24 90% SET FOR REVIEW BY FPD

2 01/17/25 REVISED PER COUNTY COMMENTS

3 02/20/25 BID SET

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

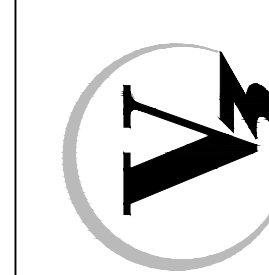
LANDSCAPE SPECIFICATIONS

MAPLE MEADOWS GOLF COURSE

WOOD DALE RENOVATION

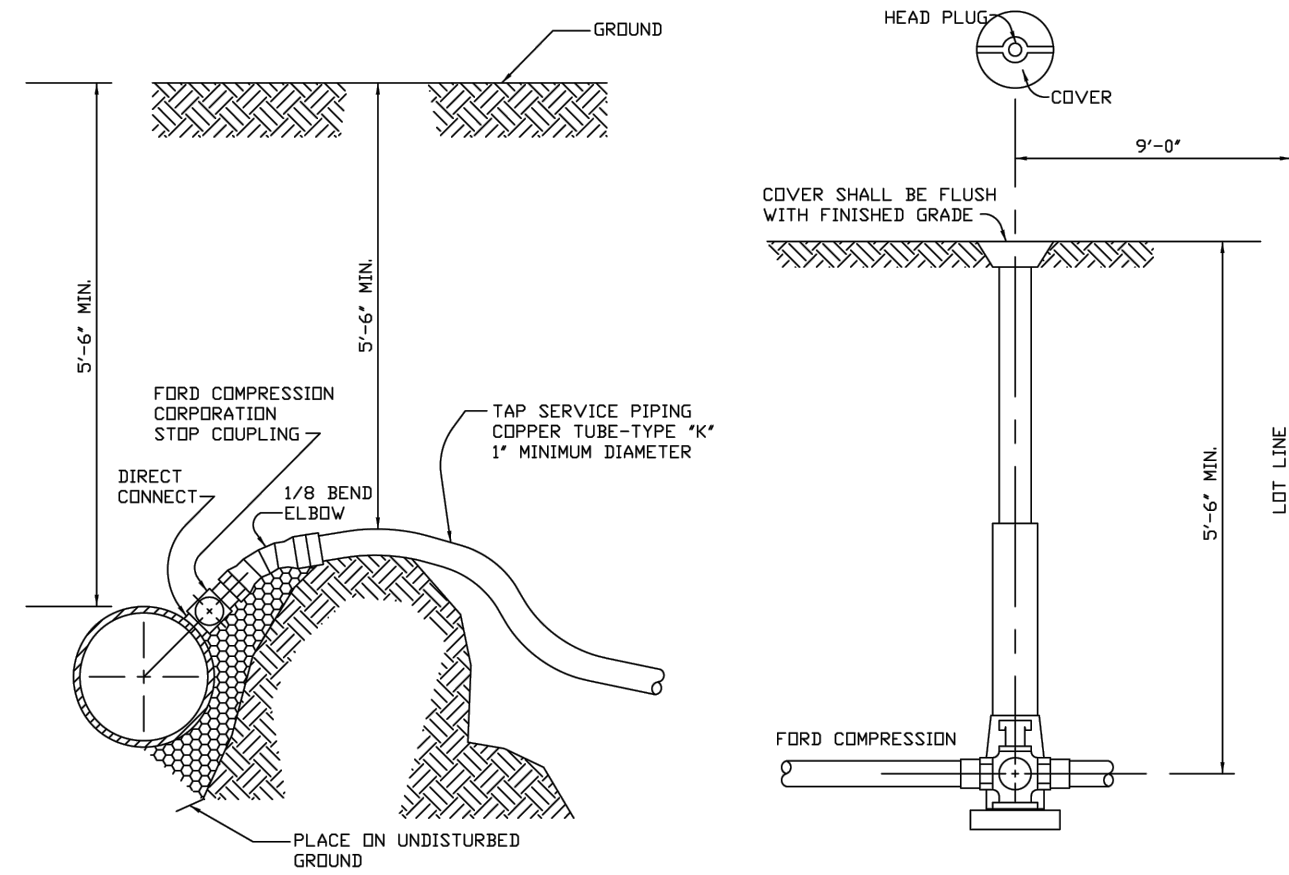
IL

7325 JAMES AVE
WOODRIDGE, IL 60621
(630)-724-9200
www.v3co.com



DRAWING NO.

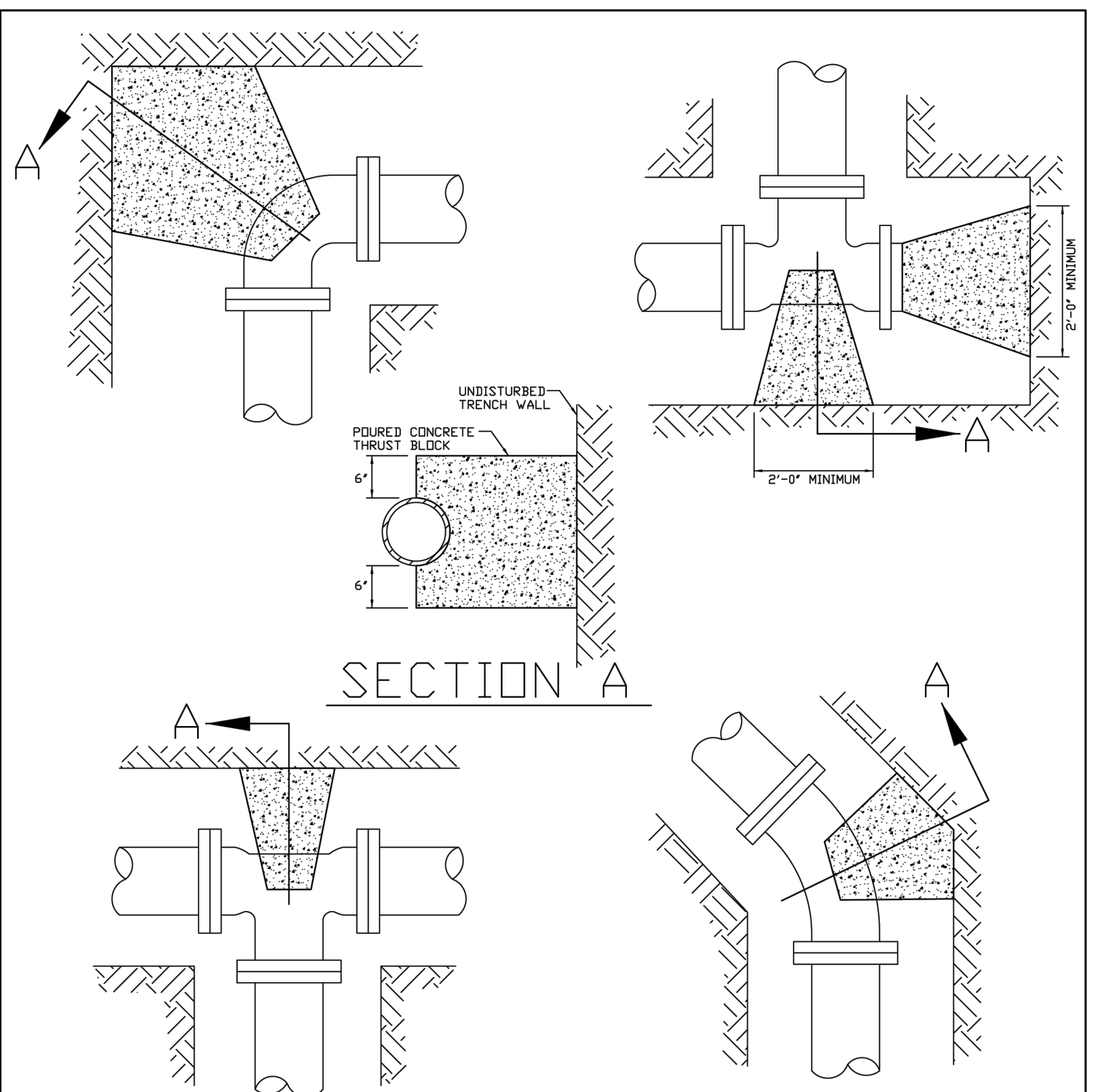
L7.2



GENERAL NOTES:

1. WATER SERVICE LINE SHALL BE TYPE K COPPER MANUFACTURED IN ACCORDANCE WITH ASTM B88 AND B251 OR APPROVED EQUAL.
2. FOR 1" SERVICE LINES CORPORATION STOPS SHALL BE EITHER MUELLER H-15008 OR 2500 AY MCDONALD OR APPROVED EQUAL.
3. FOR 1 1/2" AND 2" SERVICE LINES CORPORATION STOPS SHALL BE EITHER MUELLER B-25008 OR FORD FB600 OR APPROVED EQUAL.
4. SERVICE LINES GREATER THAN 1" N DIAMETER SHALL HAVE A STAINLESS STEEL BANDED DUCTILE IRON SADDLE (CJM 406 OR CASCADE C-2 TAPPING SLEEVE).
5. B-BOX SHALL BE MUELLER H-10302 OR APPROVED EQUAL.
6. CORPORATION STOPS SHALL BE INSTALLED A MINIMUM OF 18" FROM BELL SECTIONS AND/OR PIPE FITTINGS. MULTIPLE INSTALLATIONS SHALL BE STAGGERED AROUND THE MAIN BY 90° AND SEPARATED BY 18".

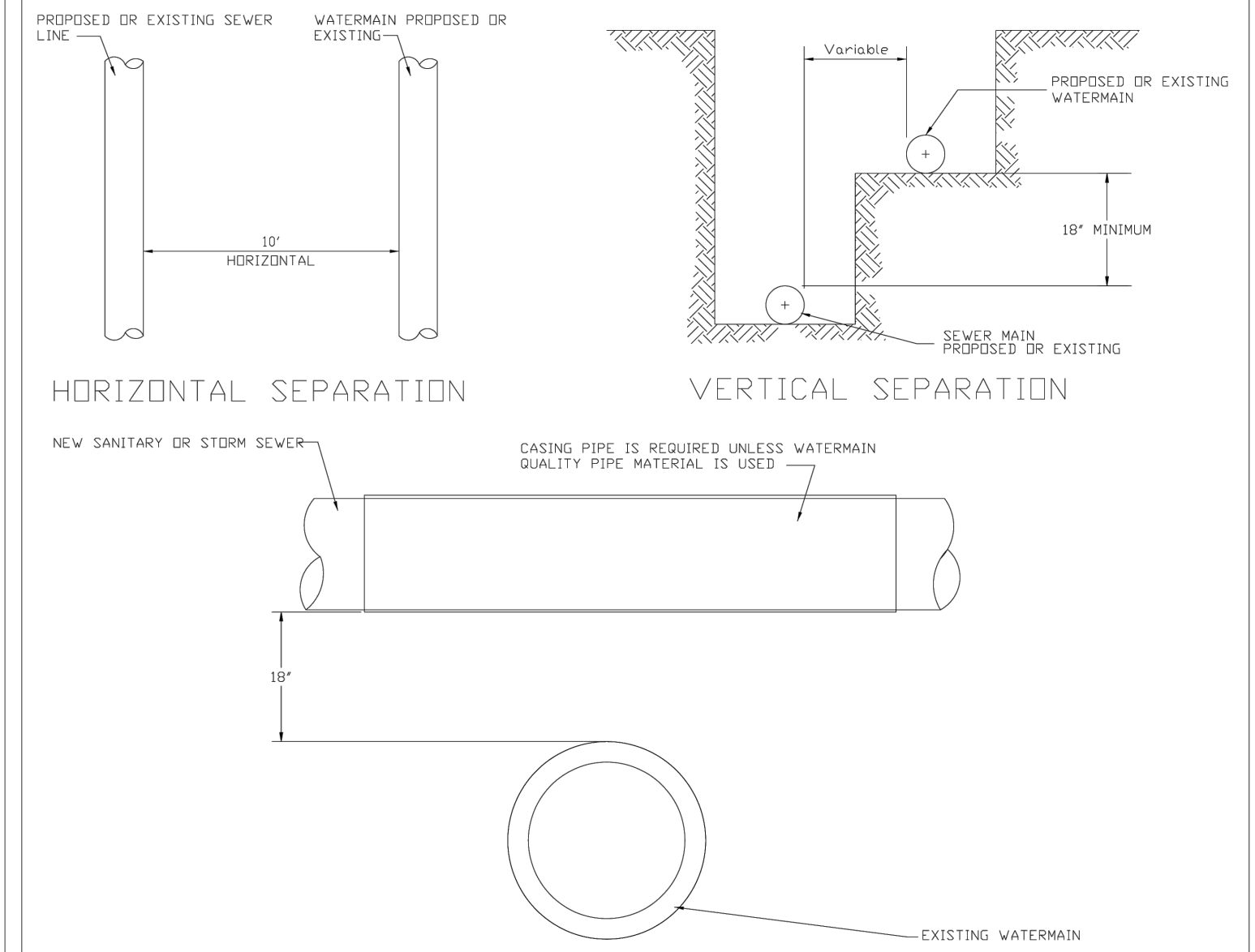
REV. 1	ADD.	WATER SERVICE TAP AND CONNECTION	CITY OF WOOD DALE
REV. 2	REV. 1		
DRAWN BY:	DATE: 4-3-18	WATER 1	



GENERAL NOTES:

1. THRUST BLOCKING IS USED TO PREVENT MOVEMENT OF LINES UNDER PRESSURE BENDS, TEES, CAPS, VALVES, HYDRANTS, AND AT POINTS SPECIFIED BY THE CITY. CONCRETE SHALL BE CLASS SI AND BE A MINIMUM OF TWELVE (12) INCHES THICK PLUS THE SIZE OF THE WATERMAIN. IT SHALL BE PLACED BETWEEN SOLID GROUND AND FITTINGS. FITTINGS WILL BE ACCESSIBLE FOR REPAIRS. THRUST BLOCK SHALL BE PLACED AT BENDS OF 11-1/4 DEGREES OR MORE. THE AREA OF BEARING SHALL BE SUFFICIENT TO RESIST THE APPLIED FORCES. USE OF 90 DEGREE BENDS REQUIRE APPROVAL FROM THE CITY PRIOR TO INSTALLATION.
2. USE OF WOOD MATERIAL FOR THRUST BLOCKING IS STRONGLY PROHIBITED.
3. THRUST BLOCKS MAY BE PRECAST OR CAST-IN-PLACE.

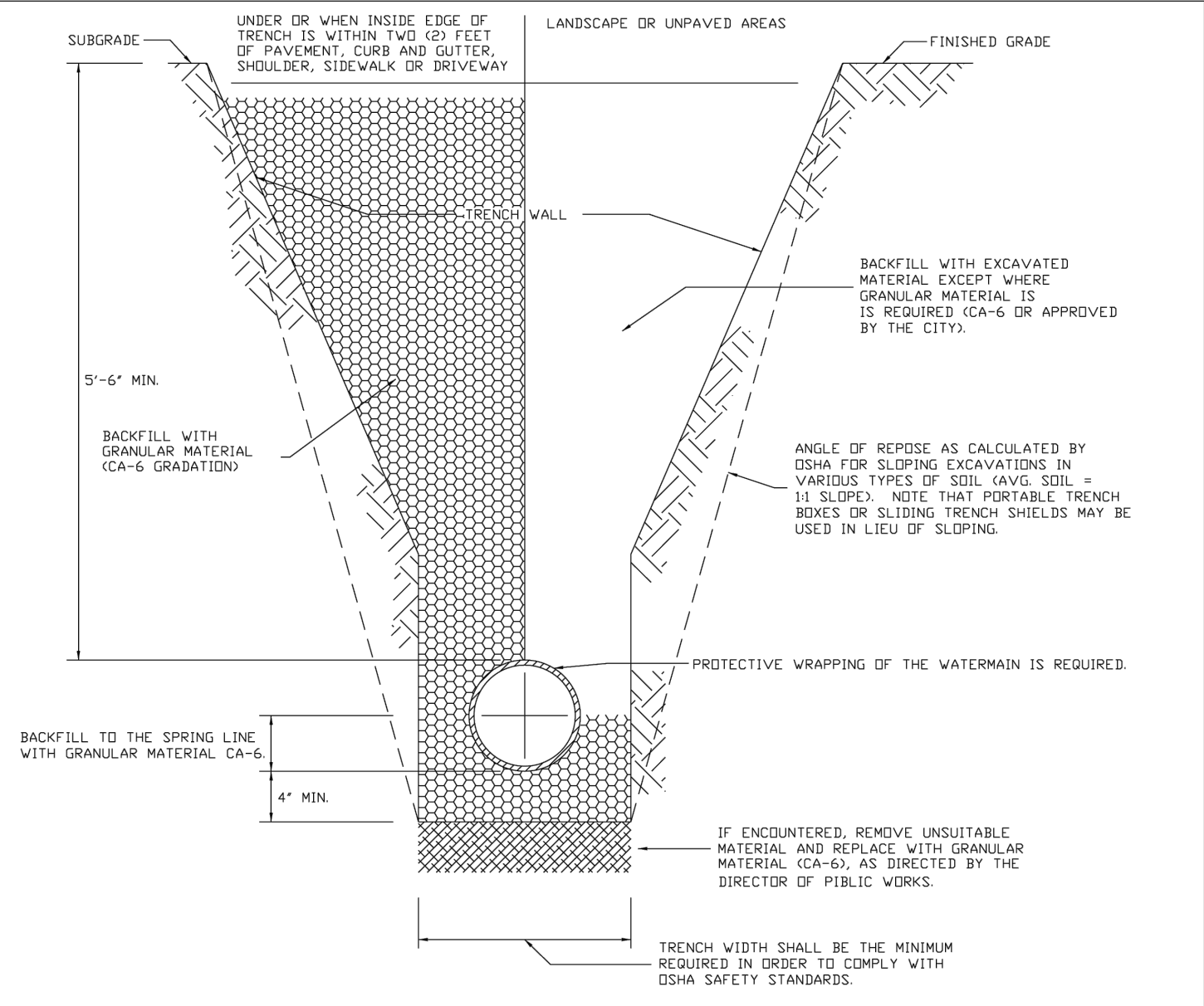
REV. 1	REV. 1	THRUST BLOCK INSTALLATION	CITY OF WOOD DALE
REV. 2	REV. 1		
DRAWN BY:	DATE: 4-3-18	WATER 6	



GENERAL NOTES:

1. WHEN THE MINIMUM 10 FEET HORIZONTAL SEPARATION CANNOT BE ACHIEVED, AN 18 INCH VERTICAL SEPARATION MAY BE PERMITTED. THE VERTICAL SEPARATION SHALL BE MAINTAINED FOR ALL PORTIONS OF THE WATERMAIN THAT ARE WITHIN 10 HORIZONTAL FEET OF ANY SEWER OR DRAIN.
2. WHEN THE WATERMAIN MUST PASS UNDER A SEWER OR DRAIN, BOTH THE WATERMAIN AND SEWER SHALL BE CONSTRUCTED OF SLIP-ON OR MECHANICAL JOINT DUCTILE IRON PIPE, PRE-STRESSED CONCRETE PIPE, OR PVC PIPE MEETING WATERMAIN STANDARDS. (SEE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS).
3. WHEN THE WATERMAIN CROSSES UNDER A SEWER GREATER THAN 24 INCH IN DIAMETER, OR WHEN DIRECTED BY THE ENGINEER, THE SEWER SHALL BE SUPPORTED TO PREVENT SETTLING AND BREAKING OF THE WATER MAIN. REFER TO THE 'CONCRETE SADDLE SUPPORT' WATER DETAIL 9.

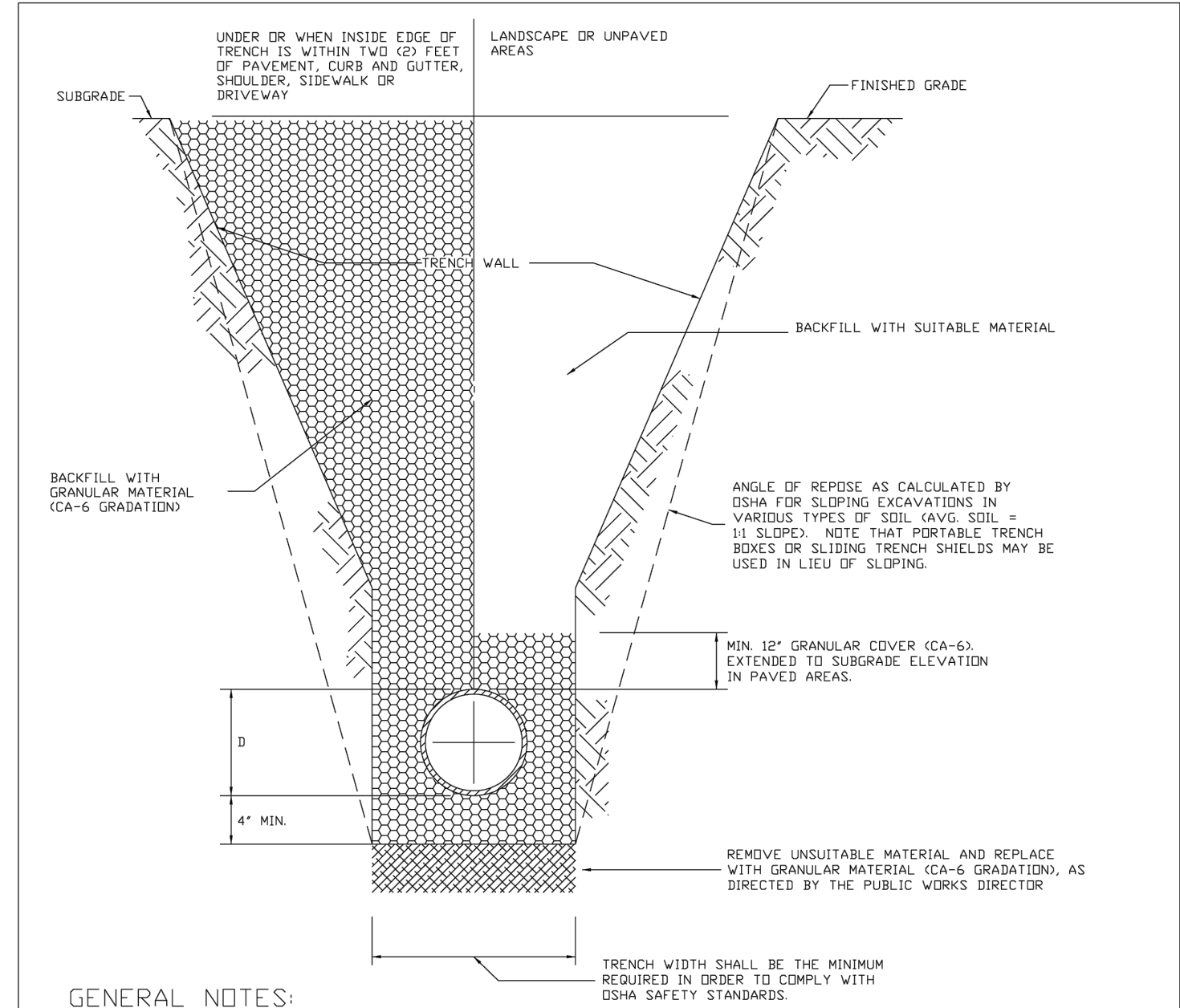
REV. 1	REV. 1	WATER AND SEWER SEPARATION	CITY OF WOOD DALE
REV. 2	REV. 1		
DRAWN BY:	DATE: 4-3-18	WATER 8	



GENERAL NOTES:

1. CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN A SAFE MANNER AT ALL TIMES AND SHALL COMPLY WITH ALL APPLICABLE GOVERNING REGULATIONS, INCLUDING BUT NOT LIMITED TO OSHA SAFETY STANDARDS.
2. ALL BACKFILL MATERIAL UP TO A HEIGHT OF 12 INCHES ABOVE THE PIPE SHALL BE CAREFULLY DEPOSITED IN UNIFORM LAYERS NOT EXCEEDING 8 INCHES THICK (LOOSE MEASURE). THE MATERIAL IN EACH LAYER SHALL BE FIRMLY COMPACTED BY RAMMING OR TAMPING WITH TDD'S APPROVED BY THE CITY IN SUCH A MANNER AS NOT TO DISTURB OR INJURE THE PIPE. THE BACKFILLING ABOVE THIS HEIGHT SHALL BE DONE AS NOTED BELOW.
3. GRANULAR BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED AS SPECIFIED IN NOTE 2, ABOVE. THE USE OF JETTING SHALL NOT BE ALLOWED UNLESS AUTHORIZED IN WRITING BY THE CITY. IT SHALL BE THE DESIGN ENGINEER OR CONTRACTOR'S RESPONSIBILITY TO PROVIDE APPROPRIATE JUSTIFICATION AND DOCUMENTATION (SOIL INVESTIGATION REPORTS, ETC.) TO THE CITY WITH THE REQUEST FOR APPROVAL OF JETTING.
4. BACKFILL MATERIAL CONSISTING OF SUITABLE EXCAVATED MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING TWELVE (12) INCHES THICK (LOOSE MEASURE) AND EACH LAYER SHALL BE COMPACTED BY RAMMING OR TAMPING TO ACHIEVE THE REQUIRED COMPACTION. JETTING OF THIS MATERIAL MAY BE PERMITTED WHEN AUTHORIZED IN WRITING BY THE CITY. IT SHALL BE THE DESIGN ENGINEER OR THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT APPROPRIATE JUSTIFICATION AND DOCUMENTATION (SOIL INVESTIGATION REPORTS, ETC.) TO THE CITY WITH THE REQUEST FOR APPROVAL OF JETTING.

REV. 1	ADD.	WATER MAIN TRENCH SECTION	CITY OF WOOD DALE
REV. 2	REV. 1		
DRAWN BY:	DATE: 4-3-18	WATER 7	



GENERAL NOTES:

1. CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN A SAFE MANNER AT ALL TIMES AND SHALL COMPLY WITH ALL APPLICABLE GOVERNING REGULATIONS, INCLUDING BUT NOT LIMITED TO OSHA SAFETY STANDARDS.
2. ALL BACKFILL MATERIAL UP TO A HEIGHT OF 12 INCHES ABOVE THE PIPE SHALL BE CAREFULLY DEPOSITED IN UNIFORM LAYERS NOT EXCEEDING 8 INCHES THICK (LOOSE MEASURE). THE MATERIAL IN EACH LAYER SHALL BE FIRMLY COMPACTED BY RAMMING OR TAMPING WITH TDD'S APPROVED BY THE PUBLIC WORKS DIRECTOR IN SUCH A MANNER AS NOT TO DISTURB OR INJURE THE PIPE. THE BACKFILLING ABOVE THIS HEIGHT SHALL BE DONE AS NOTED BELOW.
3. GRANULAR BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED AS SPECIFIED IN NOTE 2, ABOVE. THE USE OF JETTING SHALL NOT BE ALLOWED UNLESS AUTHORIZED IN WRITING BY THE PUBLIC WORKS DIRECTOR. IT SHALL BE THE DESIGN ENGINEER OR CONTRACTOR'S RESPONSIBILITY TO PROVIDE APPROPRIATE JUSTIFICATION AND DOCUMENTATION (SOIL INVESTIGATION REPORTS, ETC.) TO THE CITY WITH THE REQUEST FOR APPROVAL OF JETTING.
4. BACKFILL MATERIAL CONSISTING OF SUITABLE EXCAVATED MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING TWELVE (12) INCHES THICK (LOOSE MEASURE) AND EACH LAYER SHALL BE COMPACTED BY RAMMING OR TAMPING TO ACHIEVE THE REQUIRED COMPACTION. JETTING OF THIS MATERIAL MAY BE PERMITTED WHEN AUTHORIZED IN WRITING BY THE PUBLIC WORKS DIRECTOR. IT SHALL BE THE DESIGN ENGINEER OR THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT APPROPRIATE JUSTIFICATION AND DOCUMENTATION (SOIL INVESTIGATION REPORTS, ETC.) TO THE CITY WITH THE REQUEST FOR APPROVAL OF JETTING.

REV. 1	REV. 1	SANITARY SEWER TRENCH SECTION	CITY OF WOOD DALE
REV. 2	REV. 1		
DRAWN BY:	DATE: 4-3-18	SANITARY 5	

GENERAL NOTES CONT:

5. GRANULAR MATERIAL FOR BACKFILL AND BEDDING SHALL BE GRAVEL, CRUSHED GRAVEL OR STONE MEETING THE REQUIREMENTS OF THE 'DOT' STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION' FOR COARSE AGGREGATE (CA-6 GRADATION).
6. MINIMUM COVER OVER THE TOP OF PIPE SHALL BE TWELVE (12) INCHES BELOW FINISHED SUBGRADE IN PAVED AREAS AND TWELVE (12) INCHES BELOW FINISHED GRADE IN LANDSCAPE AREAS.
7. THE BEDDING THICKNESS SHALL BE EQUAL TO ONE-QUARTER (1/4) OF THE OUTSIDE DIAMETER OF THE PIPE BUT NOT LESS THAN FOUR (4) INCHES.

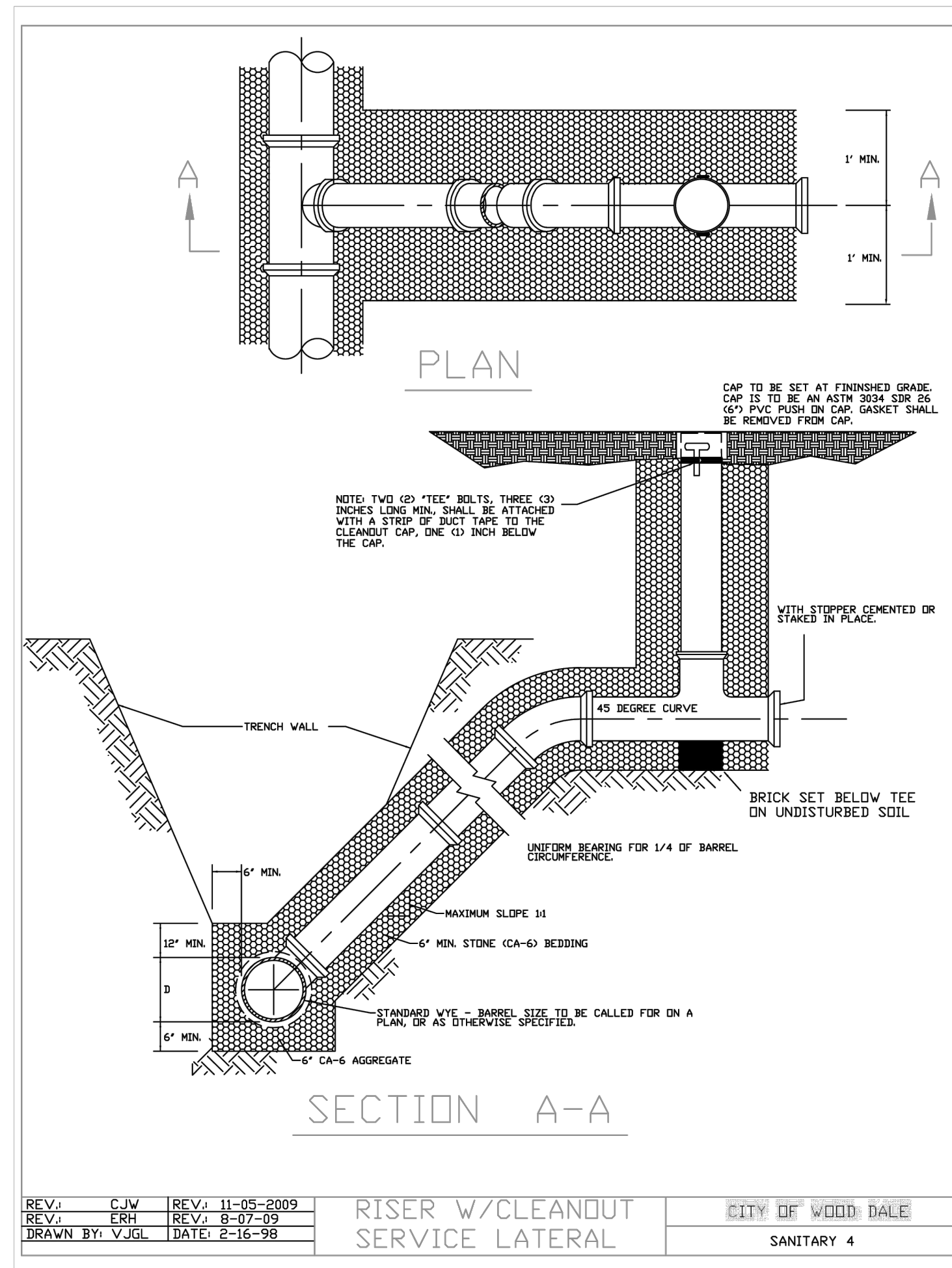
REV. 1	REV. 1	SANITARY SEWER TRENCH SECTION	CITY OF WOOD DALE
REV. 2	REV. 1		
DRAWN BY:	DATE: 4-3-18	SANITARY 5A	

PROJECT NO.: 240265		ORIGINAL ISSUE DATE: 11/8/2024	
PROJECT MANAGER:	ATR	DESCRIPTION:	
DESIGNED BY:	ATR	NO.	DATE
DRAWN BY:	ATR	1	11/22/24
		2	01/17/25
		3	02/20/25

CIVIL DETAILS
MAPLE MEADOWS GOLF COURSE
WOOD DALE RENOVATION

7325 JAMES AVE
 WOODRIDGE, IL 60621
 (630) 724-9200
 www.v3co.com

DRAWING NO. **C8.1**



GENERAL NOTES:

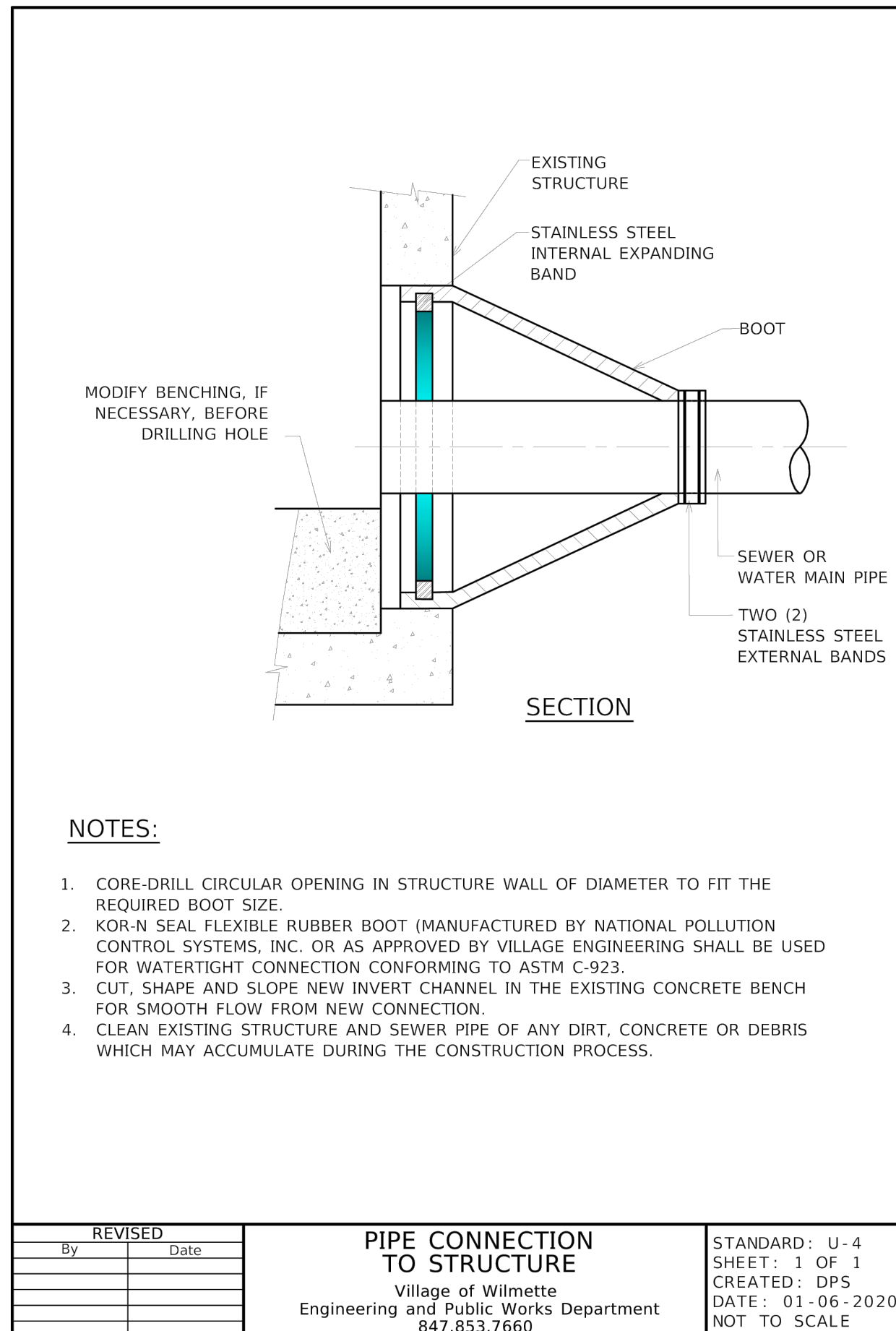
1. THE OPEN ENDS SHALL BE PROTECTED FROM DEBRIS ENTERING THE LATERAL.
2. MAXIMUM SLOPE SHALL BE LESS THAN 1 TO 1 WHEN IT IS NECESSARY TO SECURE BEDDING IN UNDISTURBED EARTH.
3. WHEN SERVICE CONNECTION REQUIRES CORING AN EXISTING MAIN, A SEWER SADDLE SHALL BE USED. CLOW TYPE SHALL BE "SEALTITE" OR APPROVED EQUAL. BANDS AND BOLTS SHALL BE STAINLESS STEEL.
4. SERVICE TEE AND CLEAN OUT RISER SHALL BE PVC (SDR26/ASTM D2241). FOR CLEAN OUTS LOCATED WITHIN LANDSCAPED AREAS, THE CONTRACTOR SHALL USE P1215 DWV BUSHING AND G106 CAP MANUFACTURED BY PLASTIC TRENDS, INC (ASTM 3034). GASKET SHALL BE REMOVED FROM CAP.
5. CLEAN OUTS SHALL NOT BE LOCATED IN DRIVEWAY APRONS OR SIDEWALK UNLESS APPROVED BY THE PUBLIC WORKS DIRECTOR IF ALLOWED, THE CONTRACTOR SHALL USE SCHEDULE 40 DWV FIPT HUB ADAPTER AND THE RAISED MIPT PLUG (ASTM D 2665 DR ASTM D 1785) AND AN EAST JORDAN FRAME (2885) AND LID (2975). EQUIVALENT FITTINGS FROM OTHER MANUFACTURERS ARE ACCEPTABLE AT THE DISCRETION OF THE PUBLIC WORKS DIRECTOR. WRITTEN ACCEPTANCE MUST BE OBTAINED PRIOR TO THE EQUIVALENT MATERIALS BEING APPROVED. GEOMETRIC STANDARDS CANNOT BE VARIED.

REV. _____ REV. _____
 REV. _____ REV. _____
 DRAWN BY: _____ DATE: 4-3-18

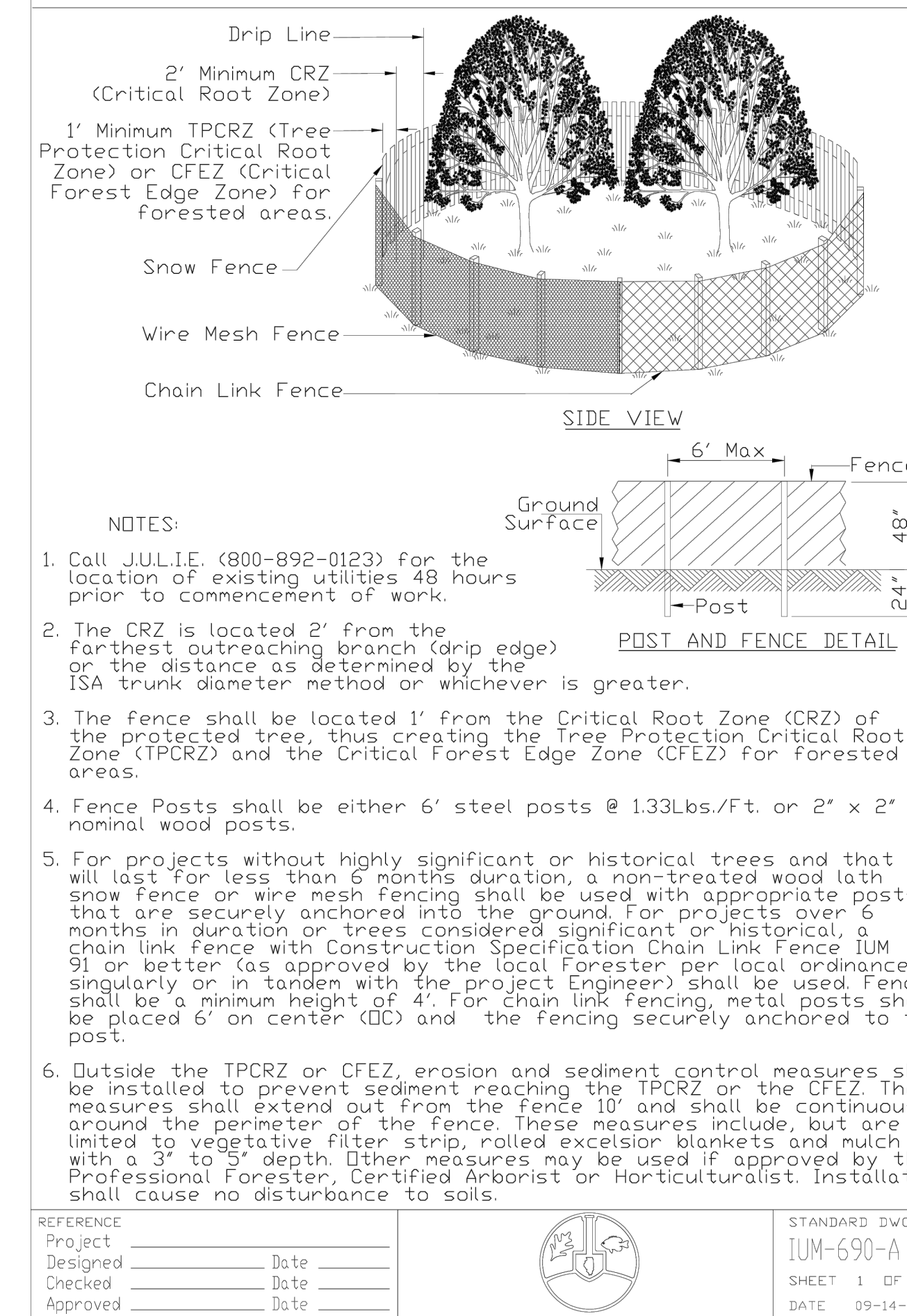
SANITARY RISER FOR SERVICE LATERAL

CITY OF WOOD DALE

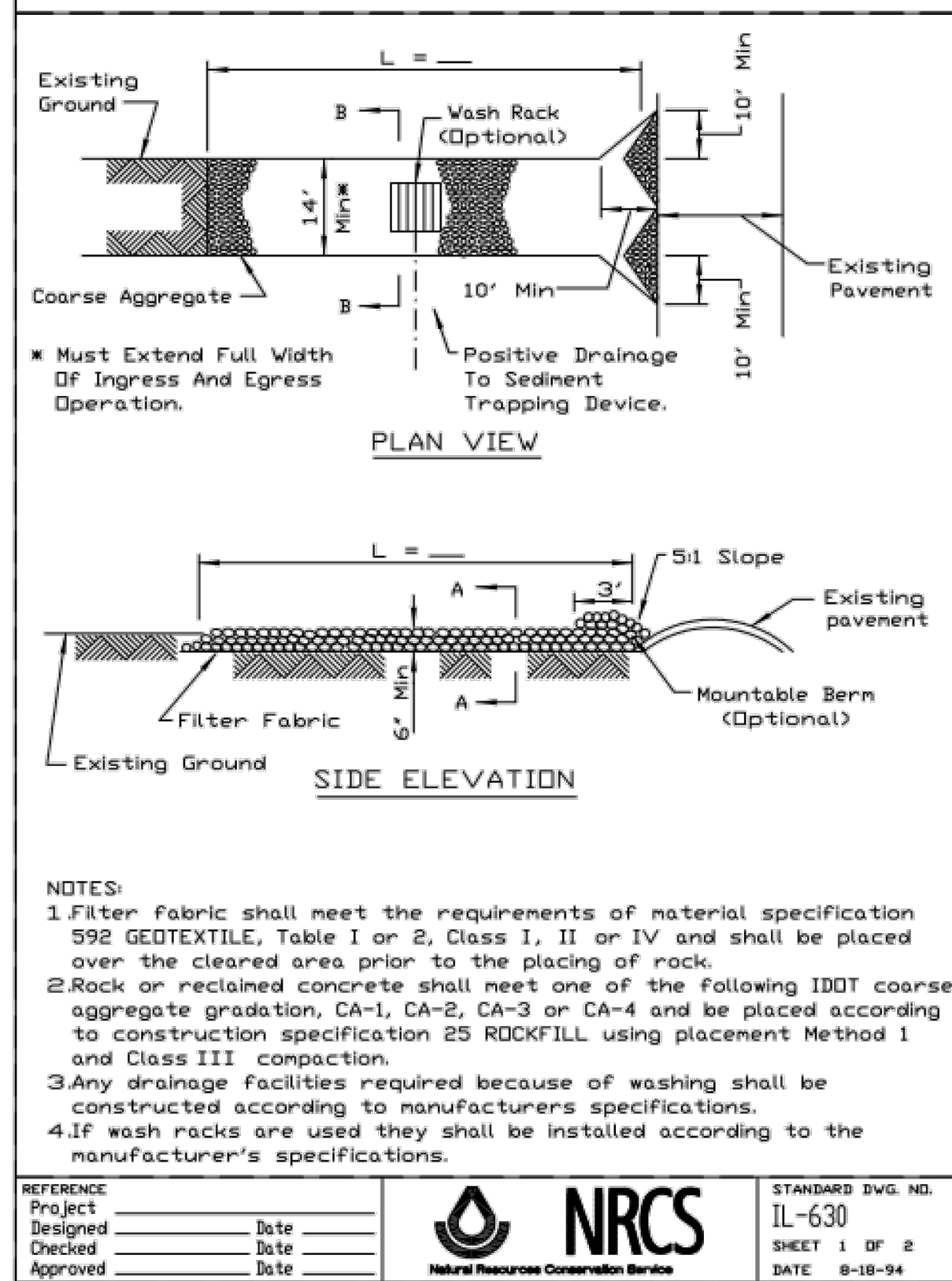
SANITARY 4A



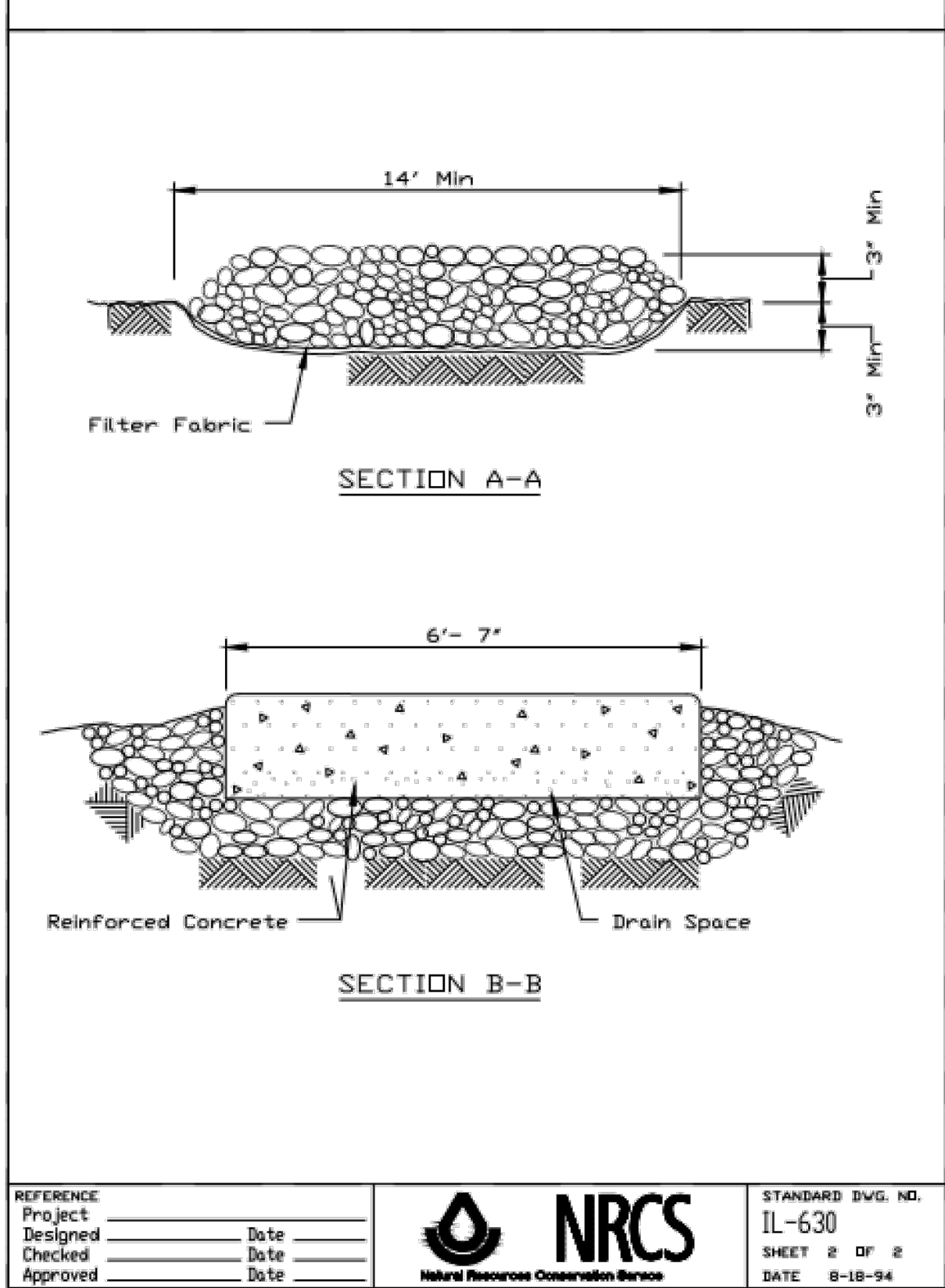
TREE PROTECTION - FENCING
 (Moderately Urbanized to Open Space Areas)



STABILIZED CONSTRUCTION ENTRANCE PLAN



STABILIZED CONSTRUCTION ENTRANCE PLAN



CIVIL DETAILS

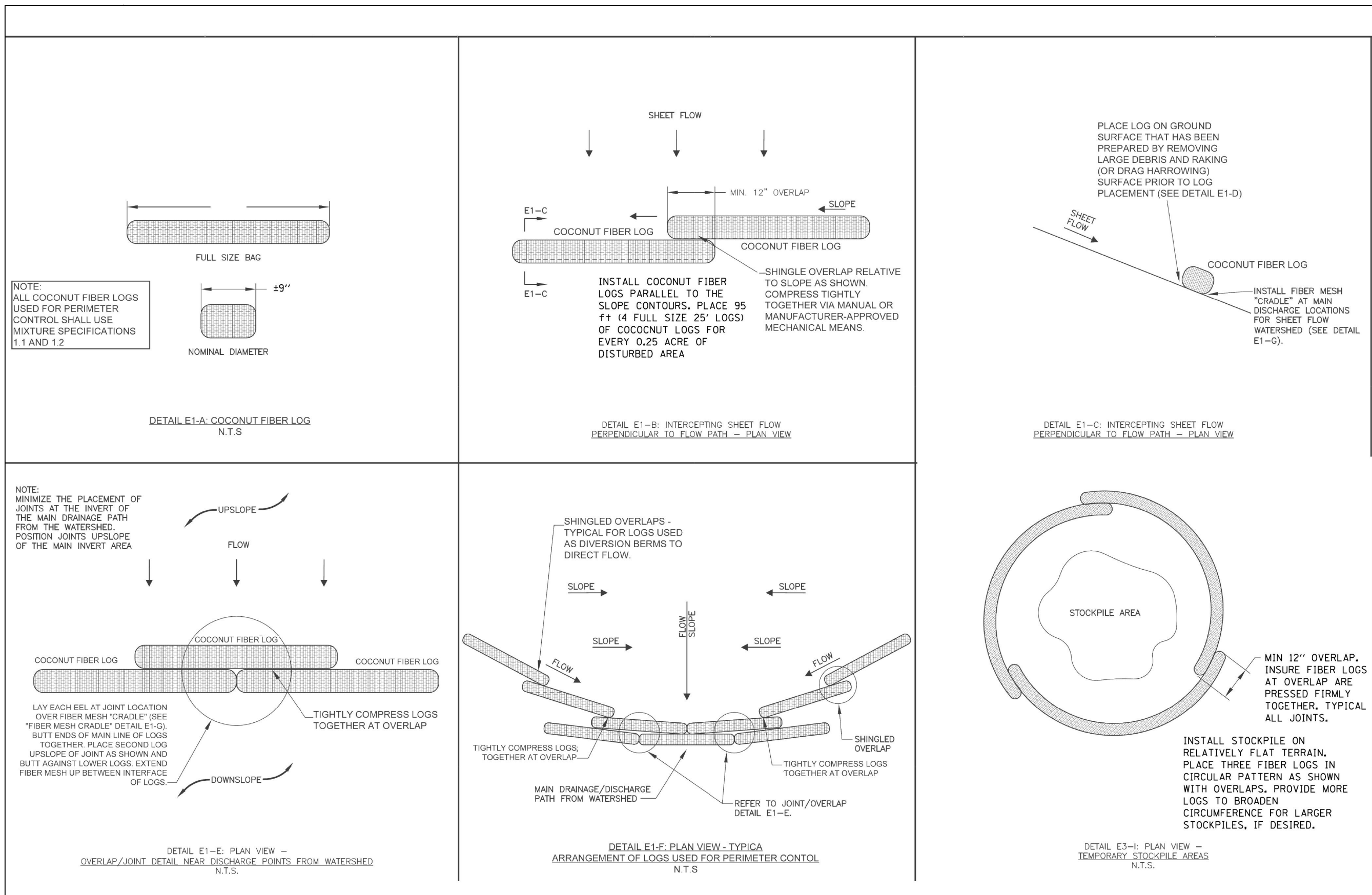
MAPLE MEADOWS GOLF COURSE

WOOD DALE RENOVATION

7325 JAMES AVE
 WOODRIDGE, IL 60621
 (630) 724-9200
 www.v3co.com

V3

DRAWING NO. C8.2



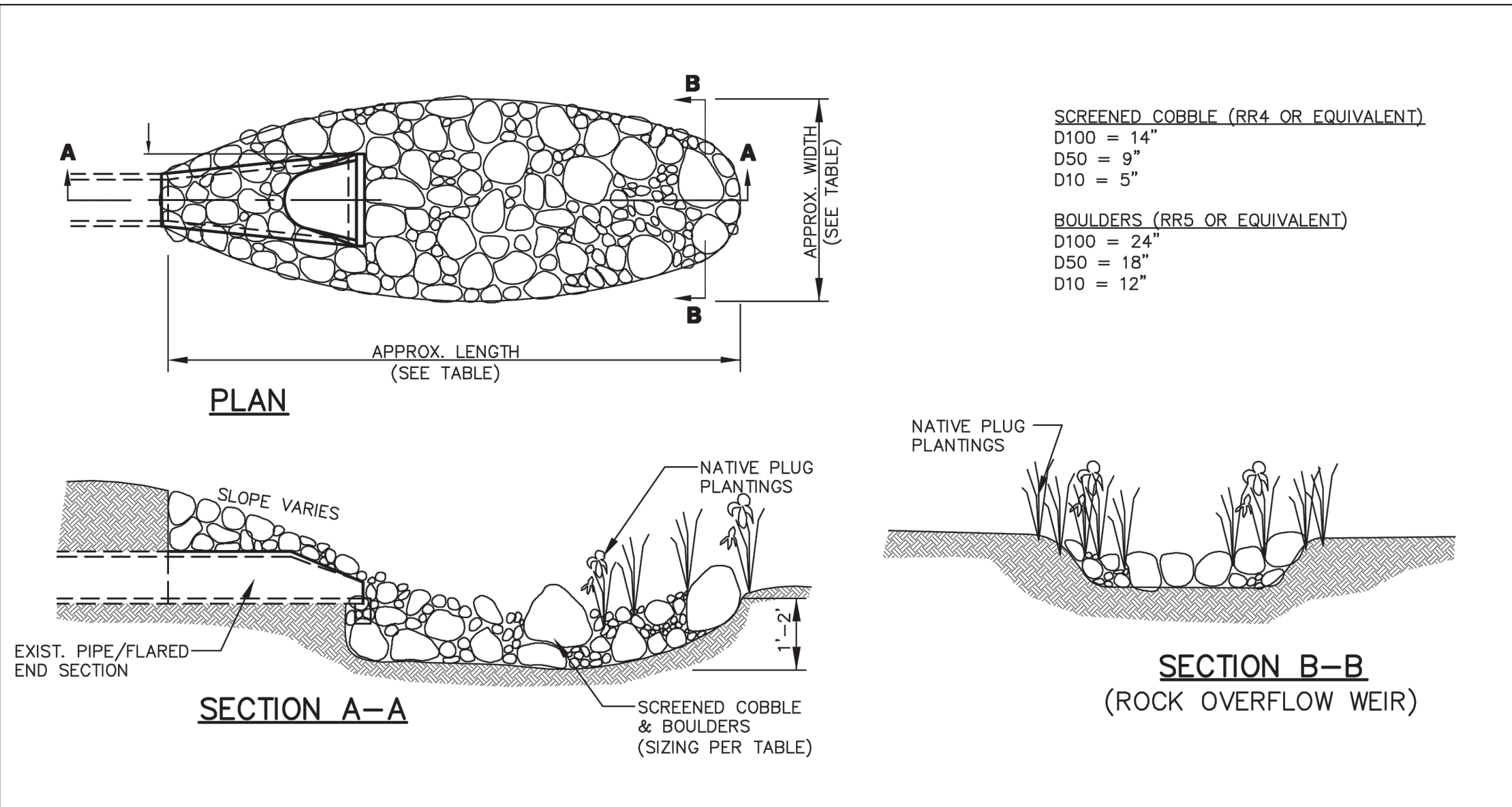
GENERAL NOTES:

- COCONUT FIBER LOGS SHALL BE MANUFACTURED FROM AN OPEN WEAVE GEOTEXTILE WITH INTERIOR FILTER MATERIALS COMPRISED OF CURLD FIBERS WITH SOFT, INTERLOCKING BARS TO FORM A STRONG, ORGANIC FILTRATION MATRIX. A MINIMUM OF 80% OF THE FIBERS SHALL BE 6 IN. OR GREATER IN LENGTH. FIBERS SHALL BE EVENLY DISTRIBUTED THROUGHOUT THE DIAMETER AND LENGTH OF THE FIBER LOG. THE FIBERS SHALL BE SEED FREE. DENSITY OF THE FIBER LOGS SHALL NOT EXCEED 2.5 LB/Y³ TO ENSURE NECESSARY FLOW RATES FOR FILTERING.
- LENGTHS OF COCONUT FIBER LOGS SHALL BE A NOMINAL 25 FEET AND NOMINAL DIAMETER SHALL BE 4.9 INCHES.
- COCONUT FIBER LOGS CAN BE PLACED AT THE TOP, ON THE FACE, OR AT THE TOE OF SLOPES TO INTERCEPT RUNOFF, REDUCE FLOW VELOCITY, RELEASE THE RUNOFF AS SHEET FLOW AND PROVIDE REMOVAL OF SEDIMENT FROM THE RUNOFF.
- COCONUT FIBER LOGS SHALL BE INSTALLED ALONG THE GROUND CONTOUR, AT THE TOE OF SLOPES, AT AN ANGLE TO THE CONTOUR TO DIRECT FLOW AS A DIVERSION BERM, AROUND INLET STRUCTURES, IN A DITCH AS A CHECK DAM TO HELP REDUCE SUSPENDED SOLIDS LOADING AND RETAIN SEDIMENT, OR AS A GENERAL FILTER FOR ANY DISTURBED SOIL AREA.
- NO TRENCHING IS REQUIRED FOR INSTALLATION OF COCONUT FIBER LOGS.
- PREPARE BED FOR LOG INSTALLATION BY REMOVING ANY LARGE DEBRIS INCLUDING ROCKS, SOIL CLOGS, AND WOODY VEGETATION. COCONUT FIBER LOGS CAN ALSO BE PLACED OVER PAVED SURFACES INCLUDING CONCRETE AND ASPHALT WITH NO SURFACE PREPARATION REQUIRED.
- RAKE BED AREA WITH A HAND RAKE OR BY DRAG HARROW.
- DO NOT PLACE COCONUT FIBER LOG DIRECTLY OVER RILL AND GULLIES UNTIL AREA HAS BEEN HAND EXCAVATED AND RAKED TO PROVIDE A LEVEL BEDDING SURFACE. ALL SURFACES SHALL BE UNIFORMLY COMPACTED FOR MAXIMUM SEATING OF LOGS IN PLACE.
- IF MORE THAN ONE COCONUT FIBER LOG IS PLACED IN A ROW, THE LOGS SHALL BE OVERLAPPED A MINIMUM OF 12 INCHES TO PREVENT FLOW AND SEDIMENT FROM PASSING THROUGH THIS FIELD JOINT. COMPRESS THE TWO LOGS OF THE OVERLAP TIGHTLY TOGETHER EITHER BY HAND OR MANUFACTURER APPROVED MECHANIZED MEANS.
- COCONUT FIBER LOGS SHALL REMAIN IN PLACE UNTIL FULLY ESTABLISHED VEGETATION HAS COMPLETELY DEVELOPED OR UNTIL THE STORAGE CAPACITY/FUNCTIONAL LIFE OF THE LOG HAS BEEN EXHAUSTED (REQUIRING REPLACEMENT WITH NEW LOGS).

Spacing Recommendations for Coconut Fiber Logs for Perimeter Controls and Intercepting Sheet Flow on Slopes

slope(%)	SINGLE LOG SPACING (FT)	*STACKED DUAL LOG SPACING (FT)
0.5	300	N/A
1	200	N/A
2	150	N/A
3	80	N/A
4	50	N/A
5	40	N/A
6	35	N/A
8	30	N/A
10	25	N/A
15	17	N/A
20	12	25
25	7	15
33	N/A	10
50	N/A	6

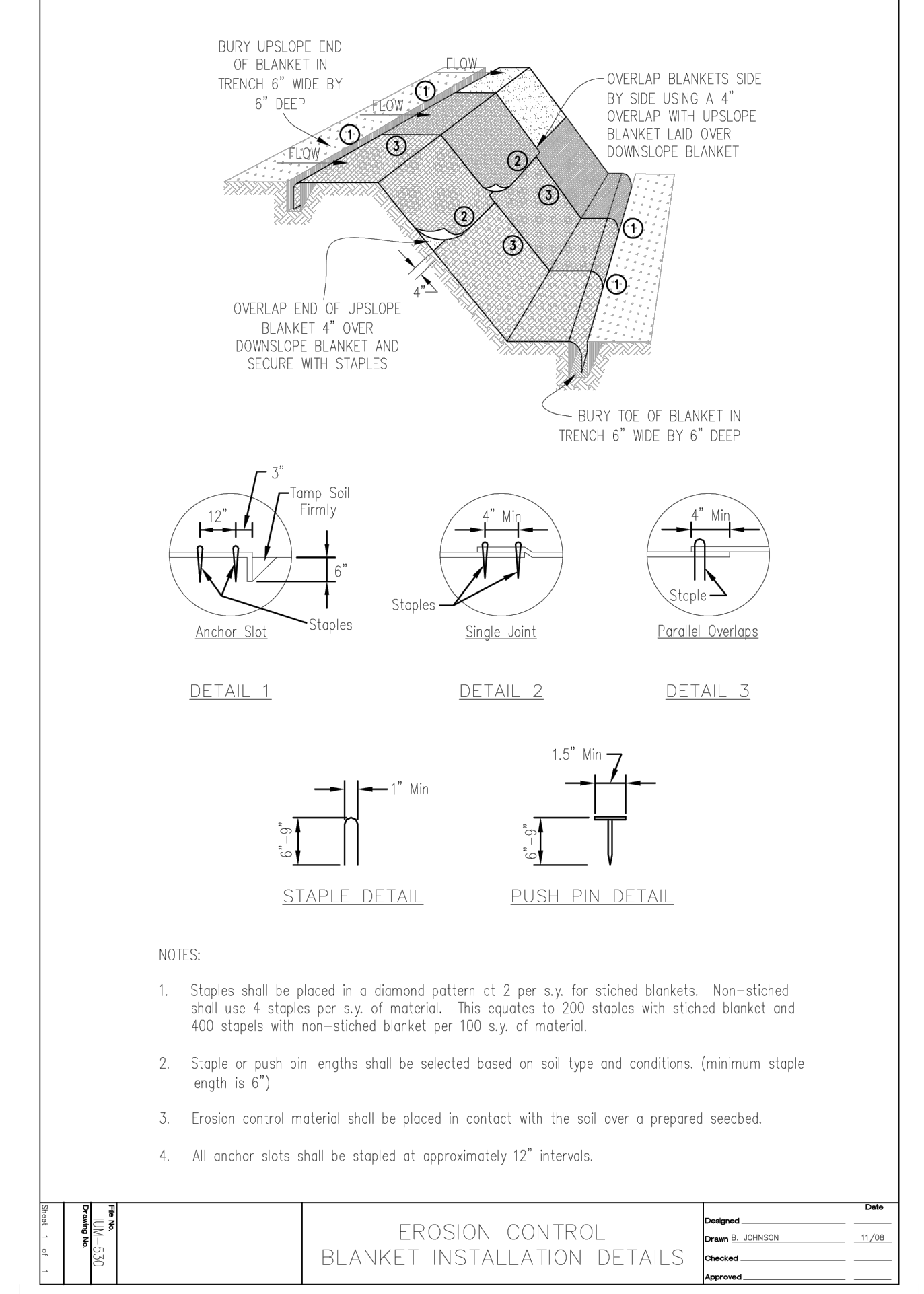
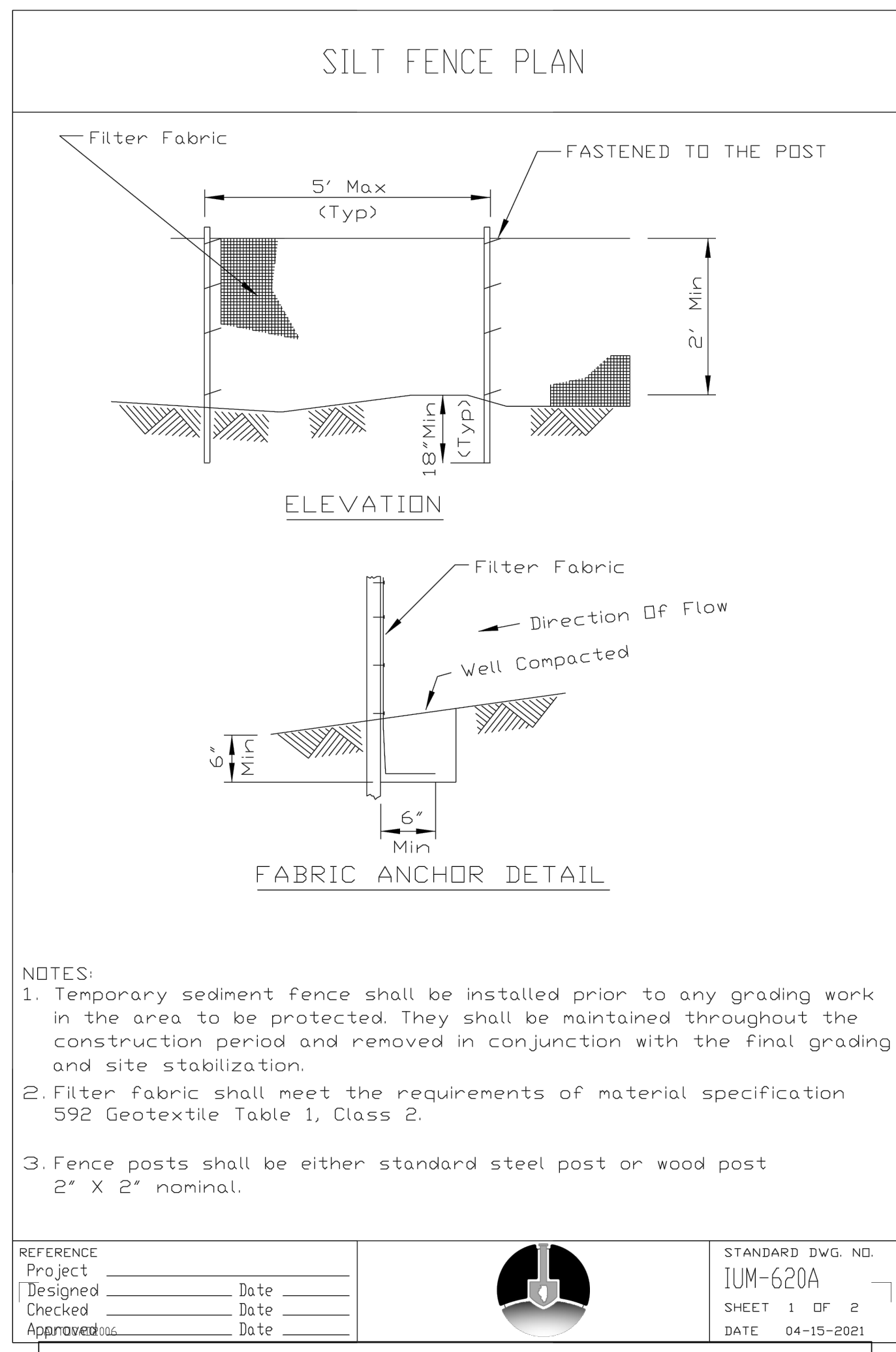
* DUAL STACK REFERS TO TWO FIBER LOGS STACKED ATOP ONE ANOTHER AND STABILIZED WITH T-POSTS. SEE DETAIL E2-E ON SHEET



RIP RAP PROTECTION FOR FLARED END SECTION OUTLETS

Culvert Diameter (inches)	Length of Rip Rap Protection (feet)
4	6
6	6
8	6
12	10
18	14
21	14
24	16
30	18
36	20
42	24
48	24

*WIDTH = 2 X CULVERT DIAMETER



PROJECT NO.: 240265 ORIGINAL ISSUE DATE: 11/8/2024

CIVIL DETAILS

MAPLE MEADOWS GOLF COURSE

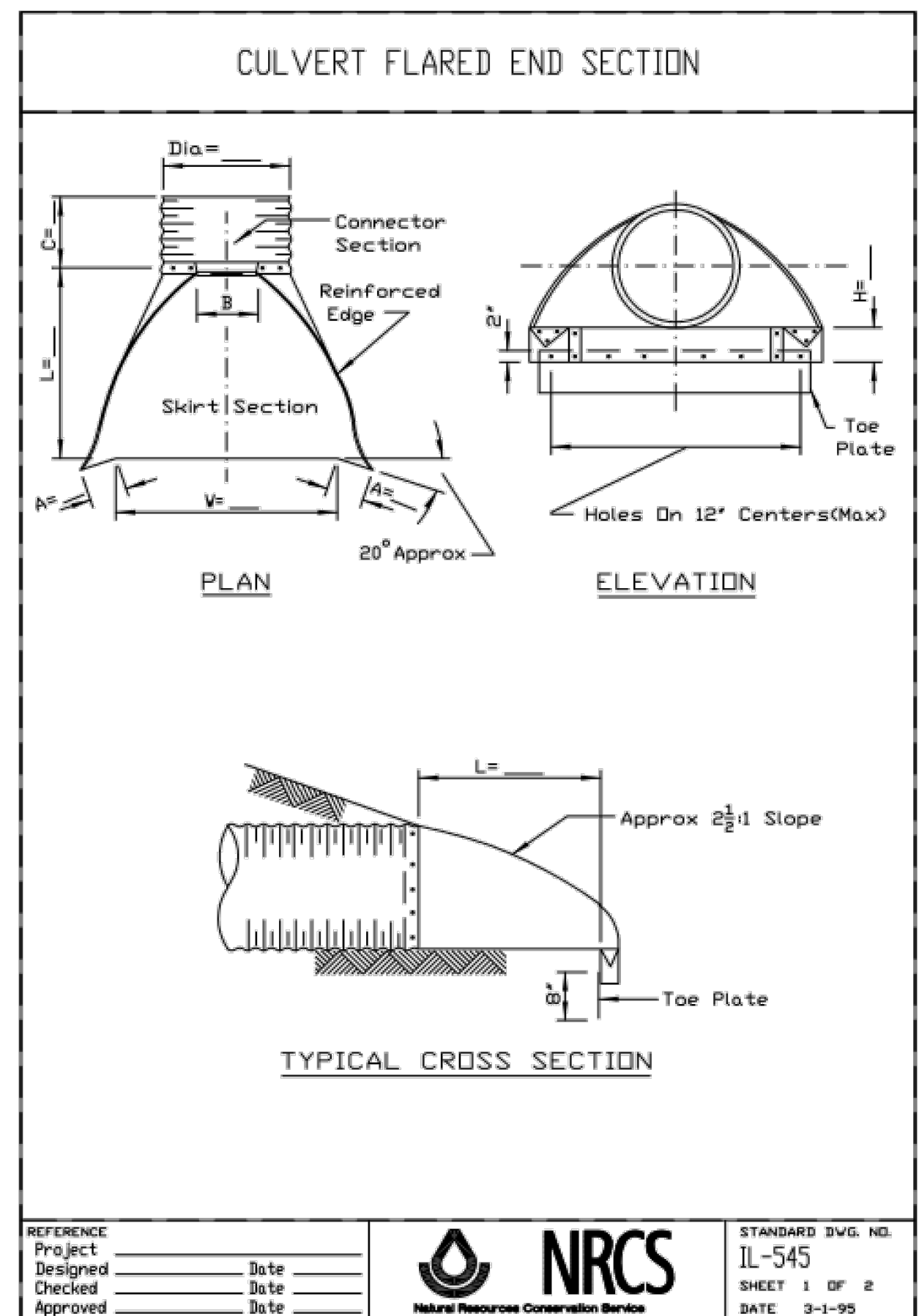
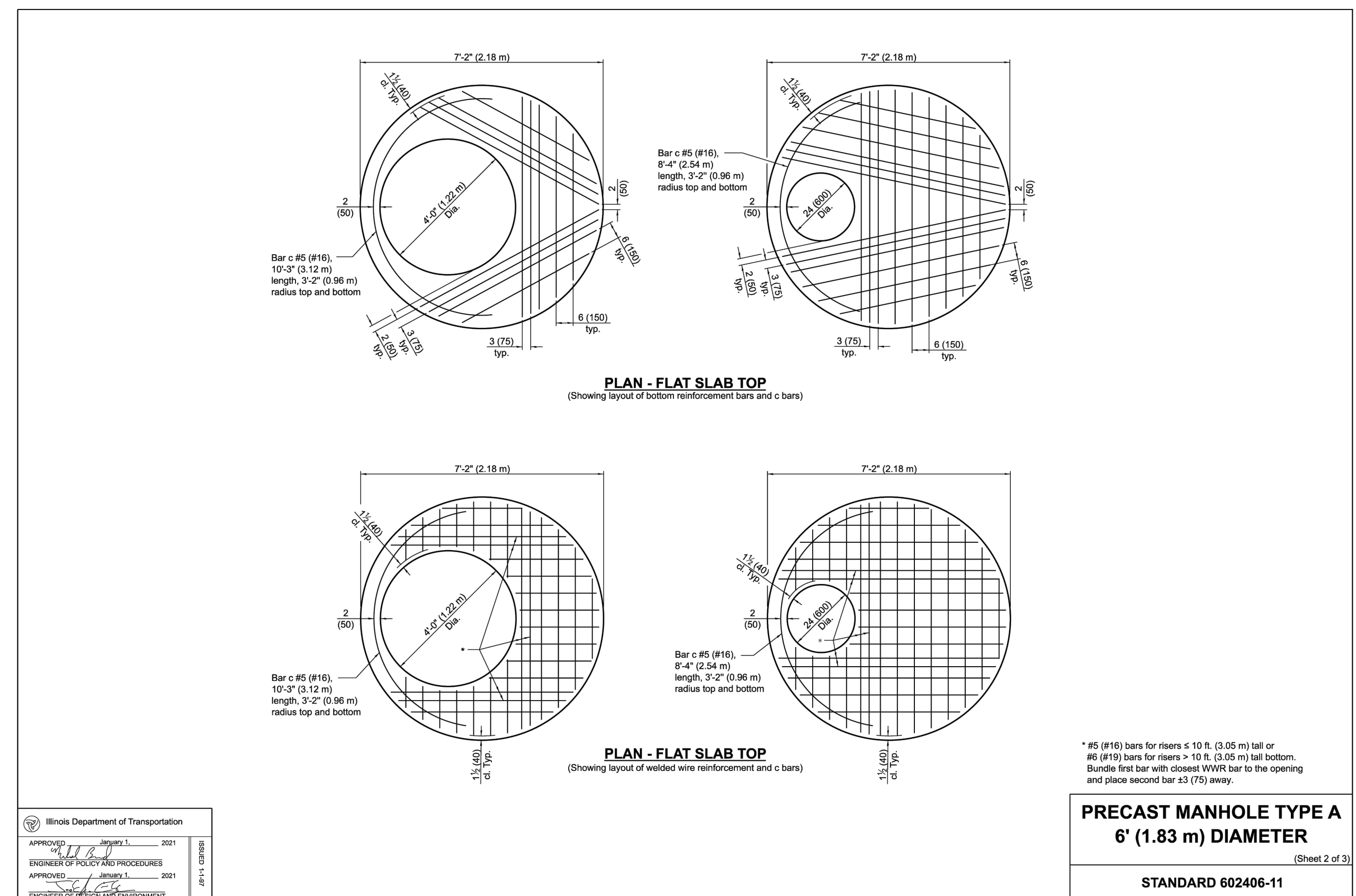
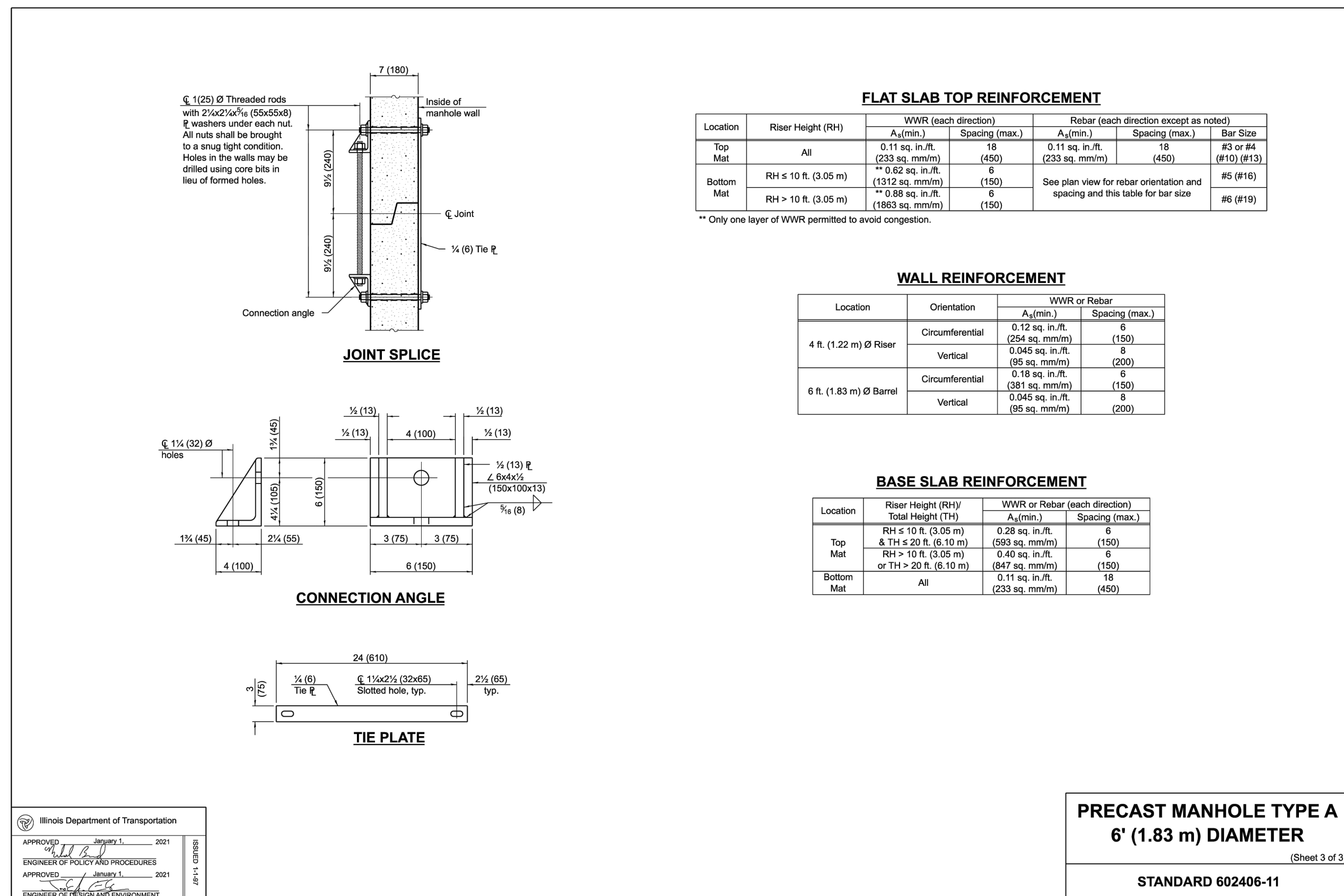
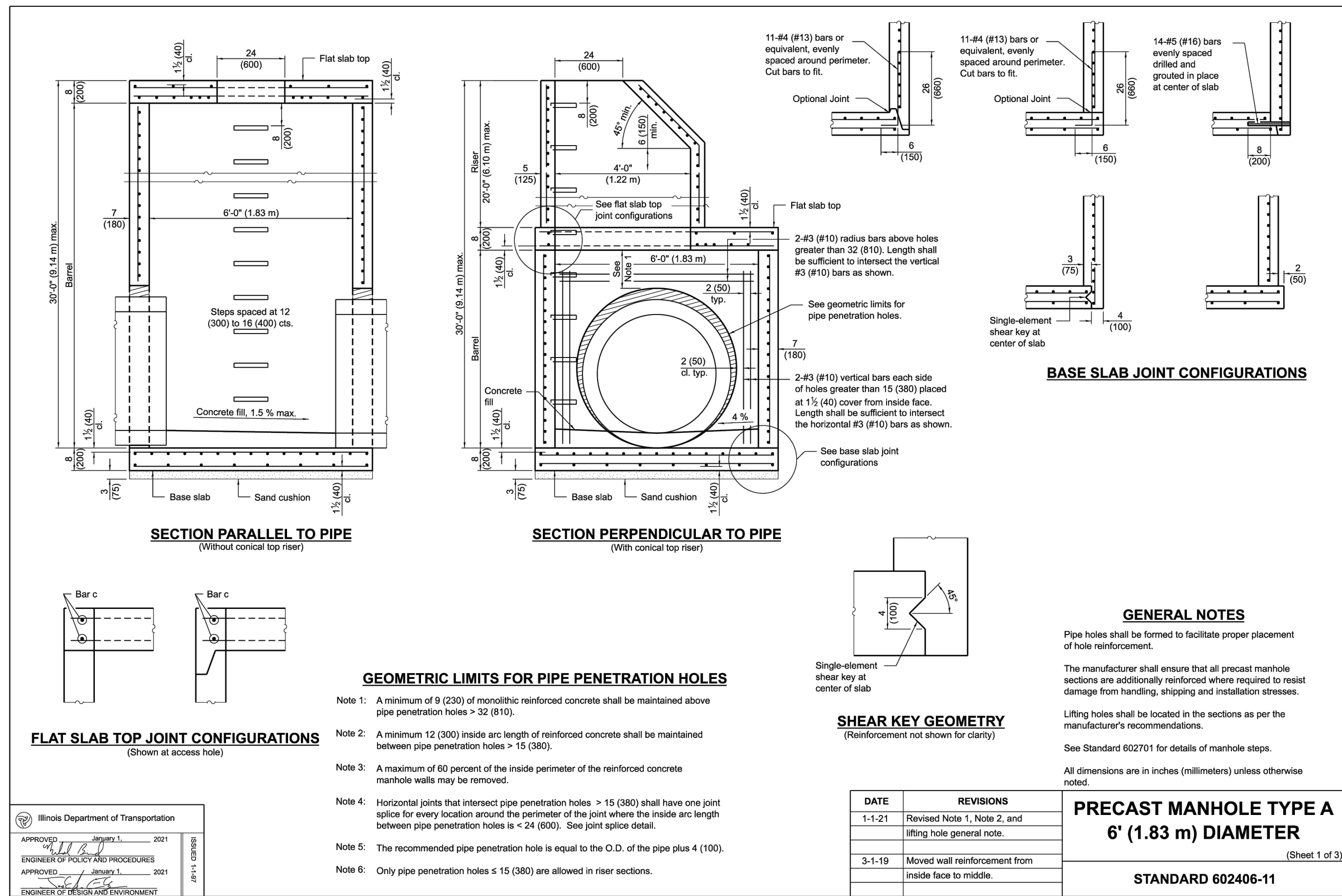
WOOD DALE RENOVATION

7325 JAMES AVE
WOODRIDGE, IL 60621
(630)-724-9200
www.v3co.com

DRAWING NO. C8.3

NO.	DATE	DESCRIPTION
1	11/22/24	90% SET FOR REVIEW BY FPD
2	01/17/25	REVISED PER COUNTY COMMENTS
3	02/20/25	BID SET

PROJECT MANAGER: ATR
DESIGNED BY: ATR
DRAWN BY: ATR



CULVERT FLARED END SECTION

ALTERNATE CONNECTION

PIPE DIA	SHEET THICKNESS	DIMENSIONS					
		A × 1'	B MAX	H × 1'	L × 1 1/2'	V × 2'	C
12"	.064"	6"	6"	6"	21"	24"	24"
15"	.064"	7"	6"	6"	26"	30"	24"
18"	.064"	8"	10"	6"	31"	36"	24"
24"	.064"	10"	13"	6"	41"	48"	24"
30"	.079"	12"	16"	8"	51"	60"	24"
36"	.079"	14"	19"	9"	60"	72"	36"
42"	.109"	16"	22"	11"	69"	84"	36"
48"	.109"	18"	27"	12"	78"	90"	24"
54"	.109"	18"	30"	12"	84"	102"	36"
60"	.109"-138"	18"	33"	12"	87"	114"	36"

× = Tolerance

NOTES:

1. Toe plate, where needed, to be punched to match holes in skirt lip. 3/8" galv. bolts to be furnished. Length of toe plate is W+10' for 12' to 30' dia. pipe and W+22' for 36' to 60' dia. pipe.
2. Skirt section for 12' to 30' dia. pipe to be made in one piece.
3. Skirt section for 36' to 54' pipe to be made from two sheets joined by riveting or bolting on center line. 60' may be constructed in 3 pieces.
4. Connector section, corner plate and toe plate to be same sheet thickness as skirt.
5. End sections and fittings are to be galvanized steel or aluminum alloy for use with like pipe.
6. Where flared end sections are to be used with bituminous coated and paved metal pipe, they are to be galvanized only.

REFERENCE

Project _____ Date _____
Designed _____ Date _____
Checked _____ Date _____
Approved _____ Date _____

STANDARD DWG. NO.
IL-545
SHEET 2 OF 2
DATE 3-1-95

REFERENCE

Project _____ Date _____
Designed _____ Date _____
Checked _____ Date _____
Approved _____ Date _____

STANDARD DWG. NO.
IL-545
SHEET 2 OF 2
DATE 3-1-95

REVISIONS

NO.	DATE	DESCRIPTION
1	11/22/24	90% SET FOR REVIEW BY FPD
2	01/17/25	REVISED PER COUNTY COMMENTS
3	10/20/25	BID SET

PROJECT NO.: 240265 ORIGINAL ISSUE DATE: 11/8/2024
PROJECT MANAGER: ATR
DESIGNED BY: ATR
DRAWN BY: ATR

CIVIL DETAILS

MAPLE MEADOWS GOLF COURSE

WOOD DALE RENOVATION

7325 JAMES AVE
WOODRIDGE, IL 60621
(630)-728-9200
www.v3co.com

IL

DRAWING NO.
C8.4

Maple Meadows Golf Course

Golf Course Improvement Plans

272 S Addison Rd. Wood Dale, Illinois 60191-2314

Owner

Forest Preserve District of DuPage County
 Mr. Brock Lovelace
 Planning & Development
 3s580 Naperville Road
 Wheaton, Illinois 60189
 630-846-6878
 blovelace@dupageforest.org

Golf Course Architecture

Martin Design Golf
 Mr. Greg Martin, ASGCA
 5 Saddlewood Ct.
 Sugar Grove, Illinois 60554
 630-707-5071
 g.martin.mdp@gmail.com

Irrigation Design

Erik Christiansen Design
 Mr. Larry Collins
 400 5th Street
 West Des Moines, Iowa 50265
 847-946-0571
 larry@ecdesigngroup.com

Civil Engineering

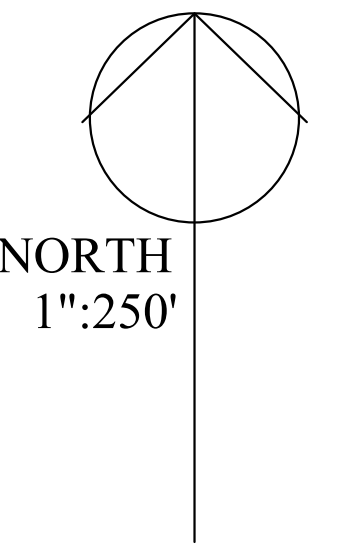
V3 Engineering
 Mr. Andrew Regnery, CE
 7325 Janes Ave
 Woodridge, Illinois 60517
 331-642-3684
 ARegnery@v3co.com

Sheet Index

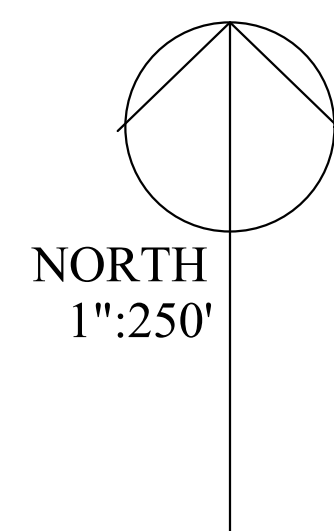
Title	
Removals	1-3
Grading Plans	4-6
Drainage Plans	7-9
Grassing Plans	10-12
Green Details	13-22
Cart Path Plan[s]	23
Construction Details	24

Irrigation Plans
 Engineering Plans

1.10.25
 9.30.24
 9.16.24



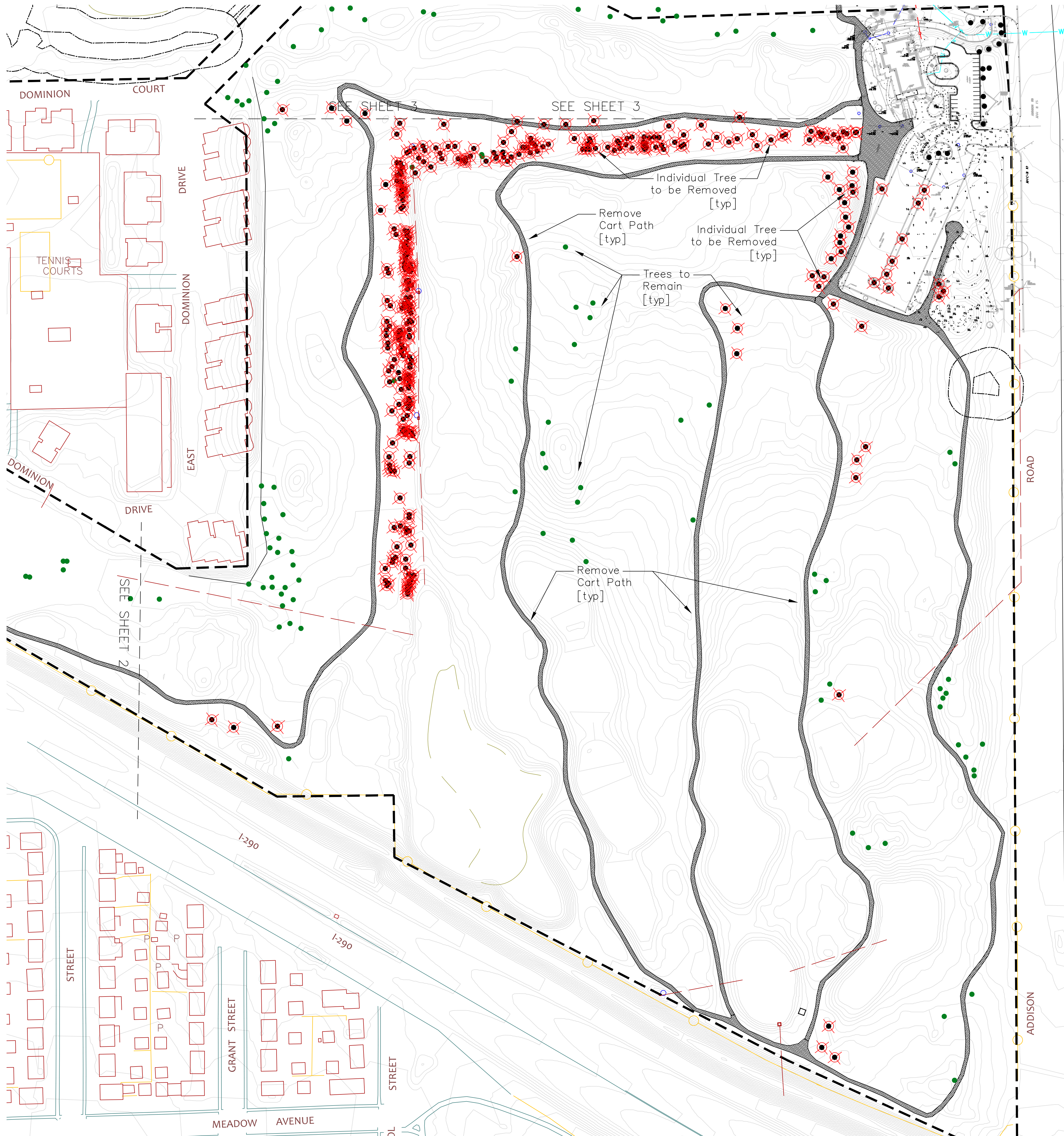
Maple Meadows Golf Club
 Forest Preserve District
 DuPage County
 272 S Addison Rd.
 Wood Dale, Illinois
 60191-2314



Maple Meadows Golf Course
 Golf Course
 Improvement Plans



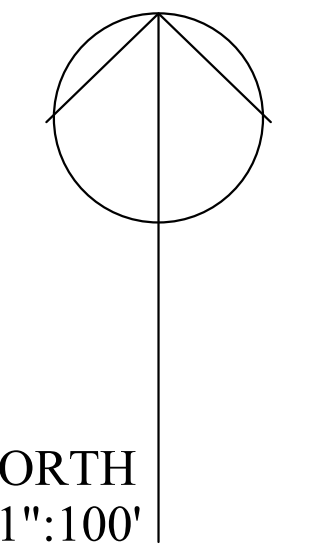
Title



NOTES:
See Civil Engineering Plans for identified trees to be removed.

All trees identified for removal shall be flagged and reviewed by GCA and Owner prior to removal.

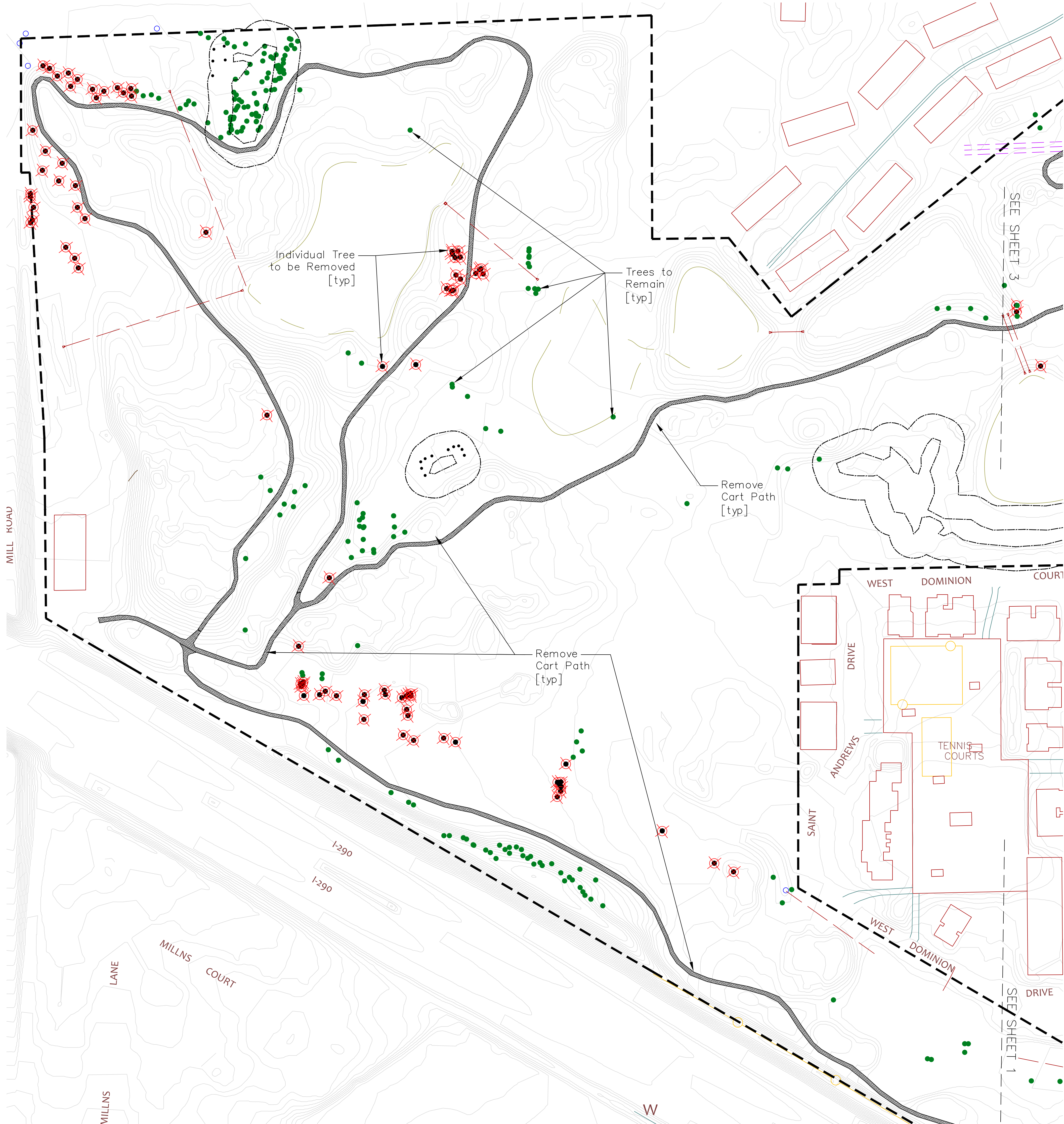
1.10.25
9.30.24
9.16.24



Maple Meadows Golf Club
Forest Preserve District
DuPage County
272 S Addison Rd.
Wood Dale, Illinois
60191-2314

Maple Meadows Golf Course
Removals
SE 1-6, 16-18

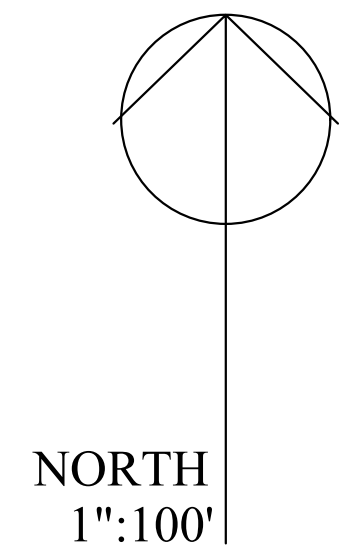




NOTES:
See Civil Engineering Plans for identified trees to be removed.

All trees identified for removal shall be flagged and reviewed by GCA and Owner prior to removal.

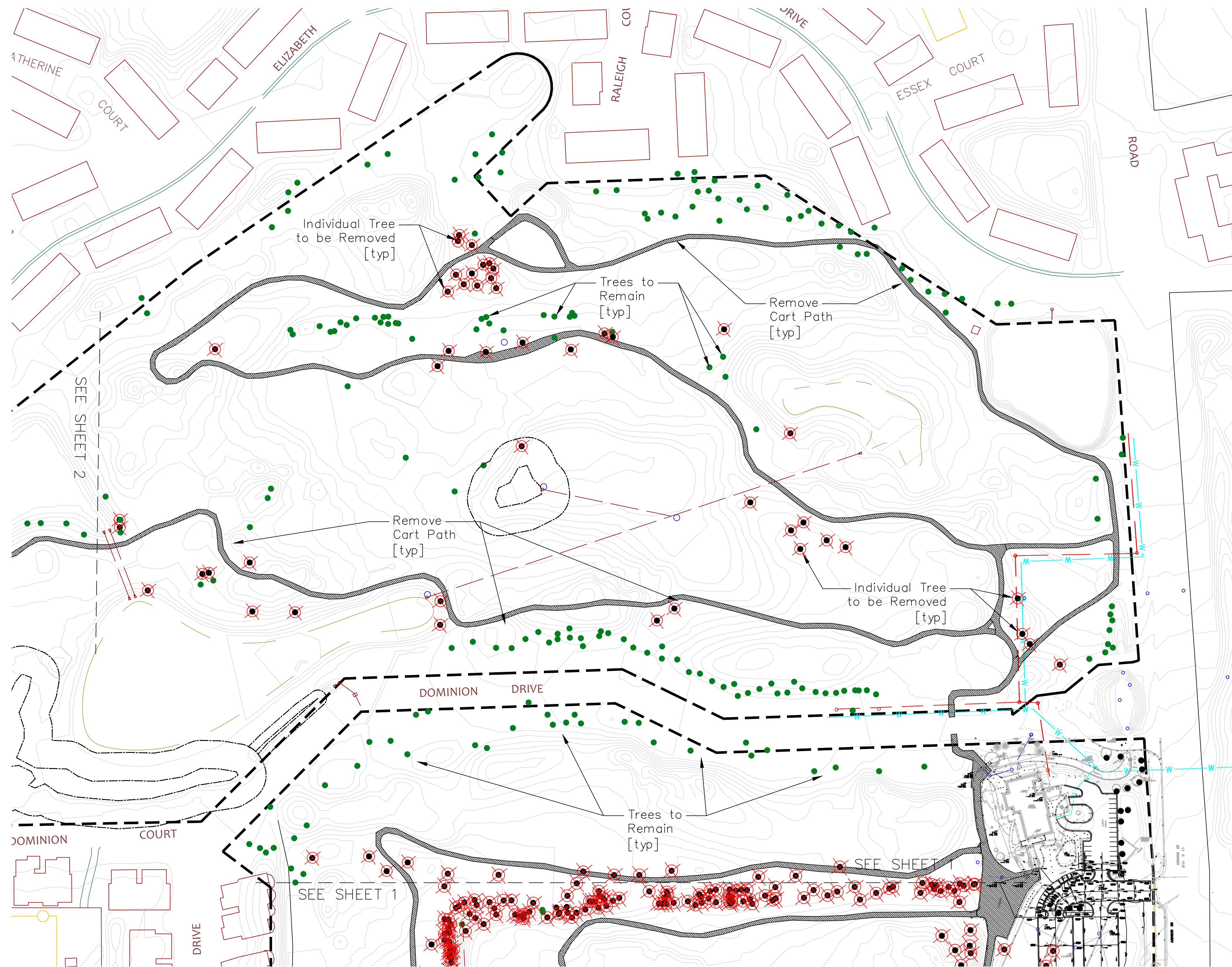
1.10.25
9.30.24
9.16.24



Maple Meadows Golf Club
Forest Preserve District
DuPage County
272 S Addison Rd.
Wood Dale, Illinois
60191-2314

Maple Meadows Golf Course
Removals
West 11-15

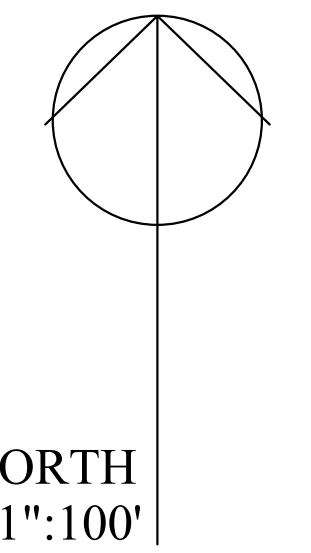
MARTIN
DESIGN
GOLF
Martin Design Golf
630-707-5071
g.martin.mdp@gmail.com
www.martindesigngolf.com



NOTES:
See Civil Engineering Plans for identified trees to be removed.

All trees identified for removal shall be flagged and reviewed by GCA and Owner prior to removal.

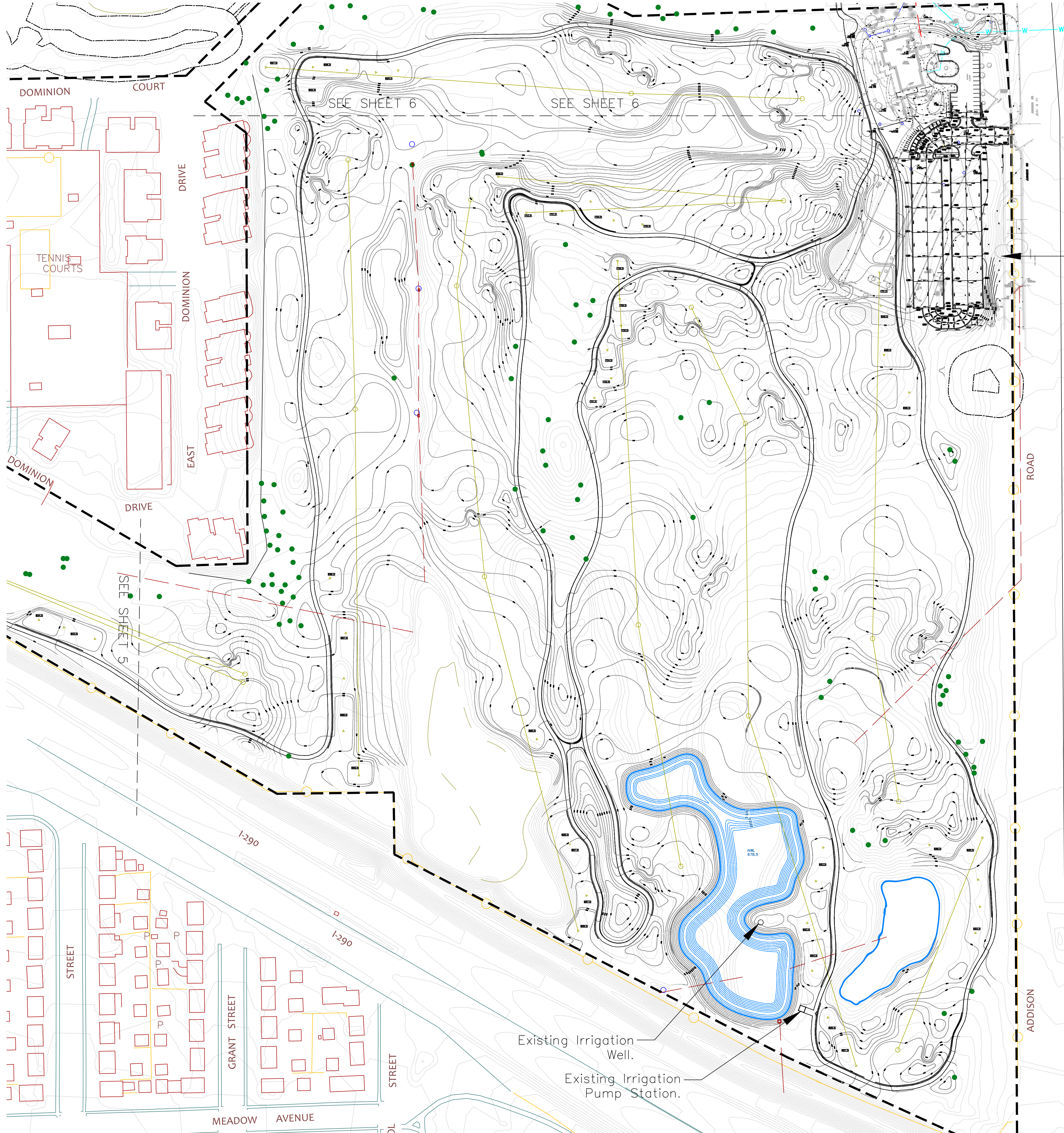
1.10.25
9.30.24
9.16.24



Maple Meadows Golf Club
Forest Preserve District
DuPage County
272 S Addison Rd.
Wood Dale, Illinois
60191-2314

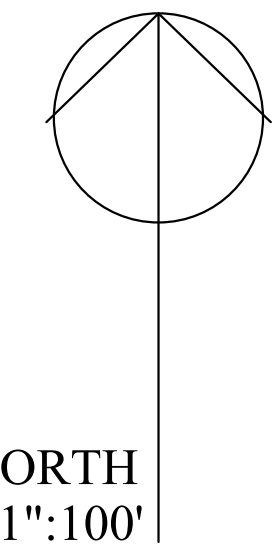
Maple Meadows Golf Course
Removals
North 7-10, PG





See Civil Engineering Plans for details on grading and tie in for Parking Lot Improvements.

1.10.25
9.30.24
9.16.24

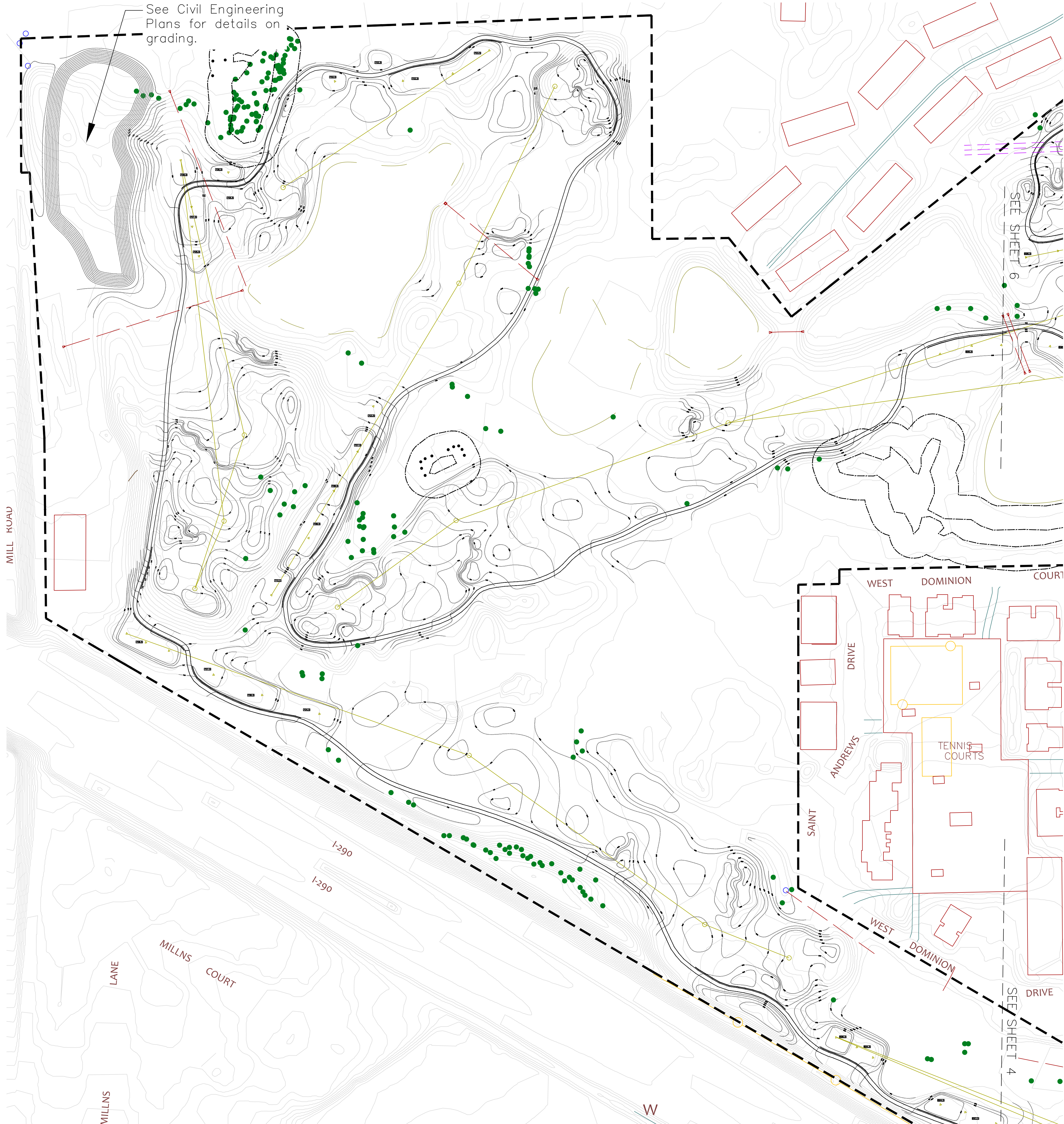


Maple Meadows Golf Club
Forest Preserve District
DuPage County
272 S Addison Rd.
Wood Dale, Illinois
60191-2314

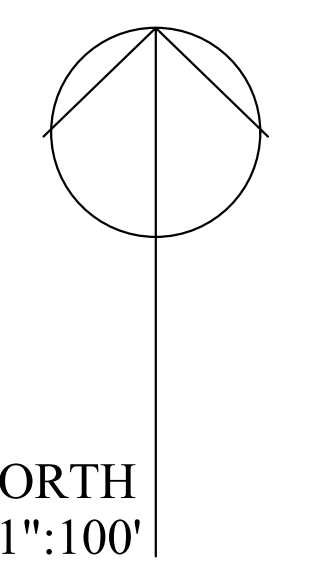
Maple Meadows Golf Course
Grading
SE 1-6, 16-18



4/24



1.10.25
9.30.24
9.16.24

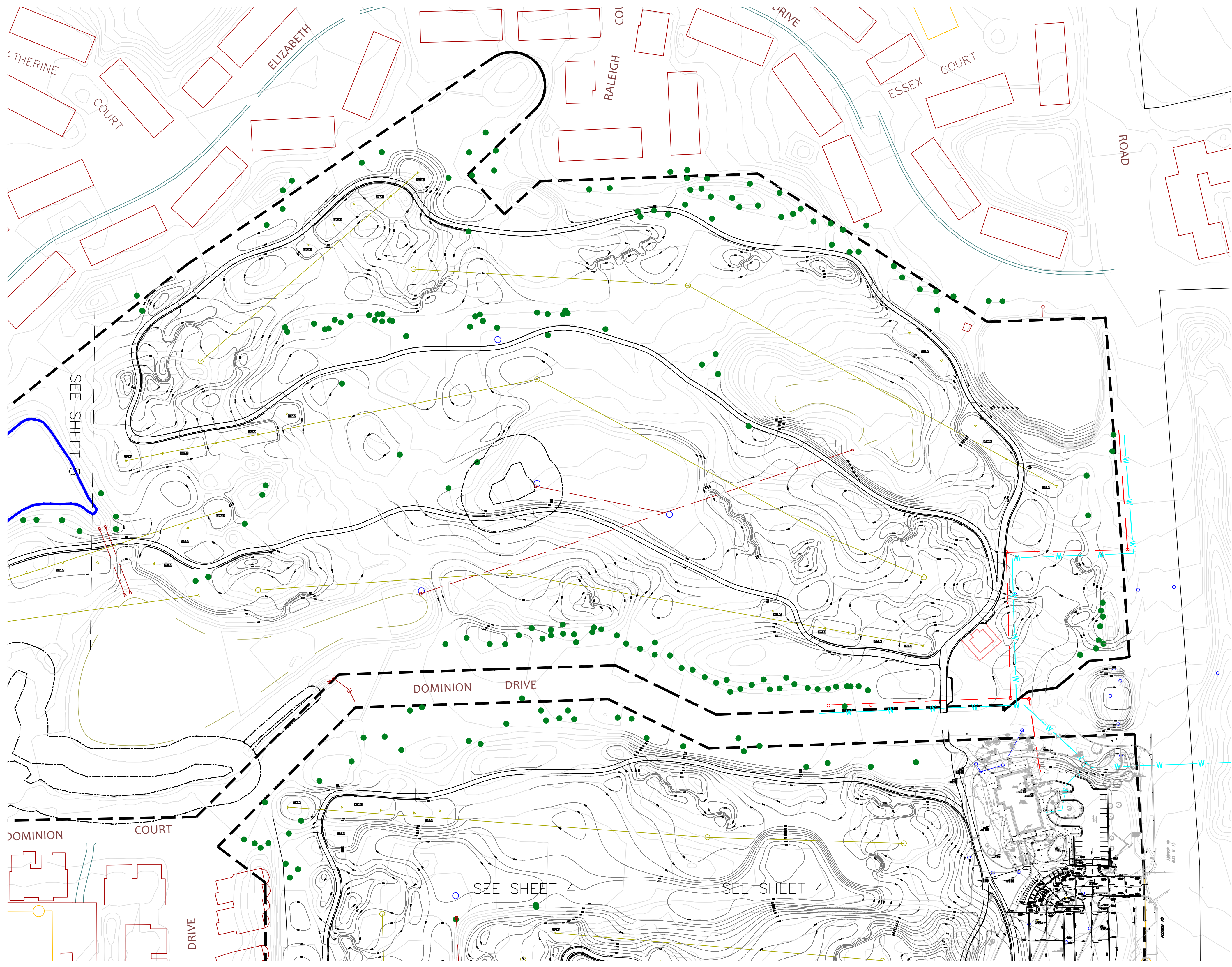


Maple Meadows Golf Club
Forest Preserve District
DuPage County
272 S Addison Rd.
Wood Dale, Illinois
60191-2314

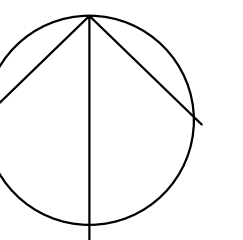
Maple Meadows Golf Course
Grading
West 11-15

**MARTIN
DESIGN
GOLF**
Martin Design Golf
630-707-5071
g.martin.mdp@gmail.com
www.martindesigngolf.com

5/24



1.10.25
9.30.24
9.16.24



NORTH
1"=100'

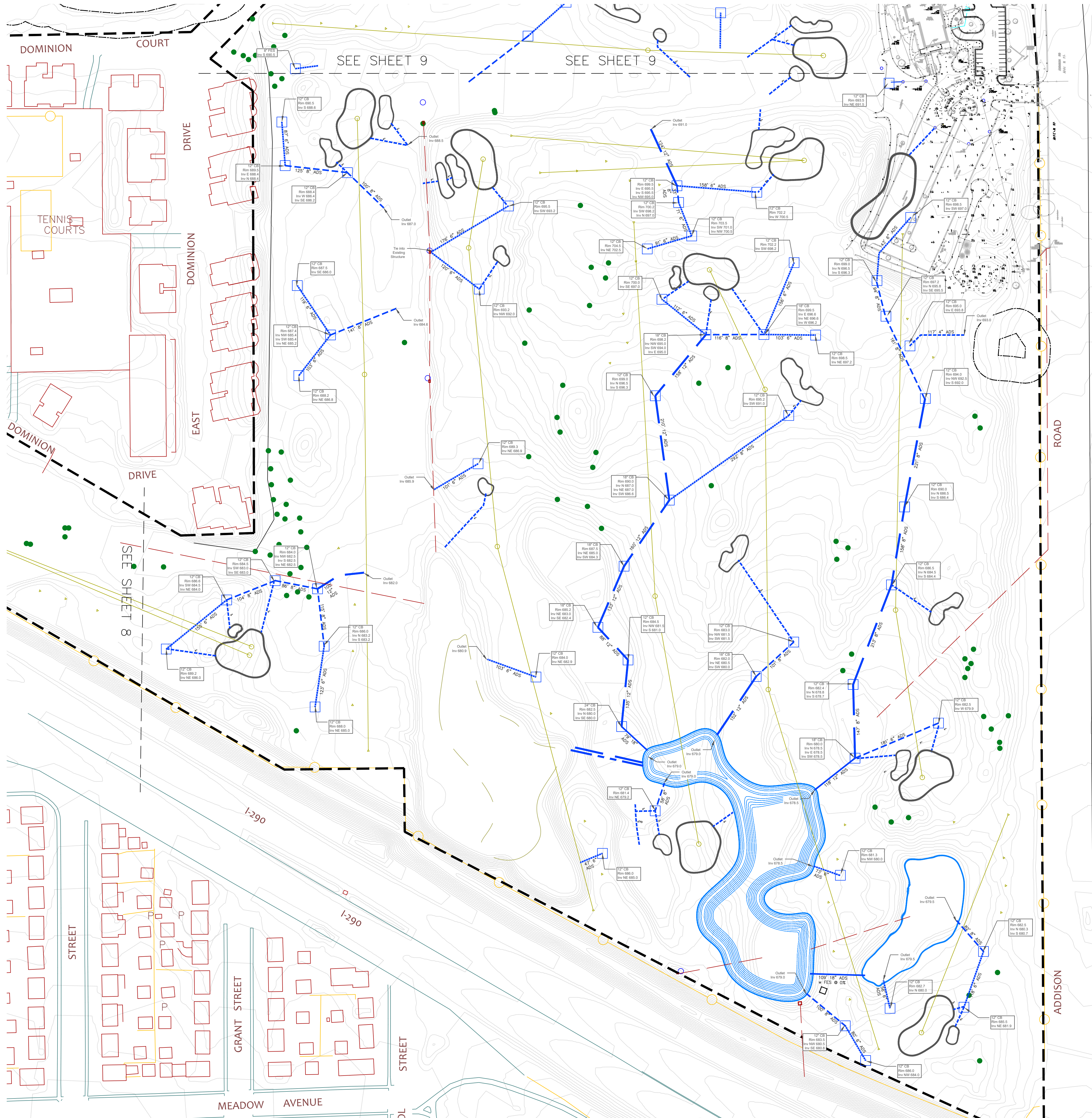


Maple Meadows Golf Club
Forest Preserve District
DuPage County
272 S Addison Rd.
Wood Dale, Illinois
60191-2314

Maple Meadows Golf Course
Grading
North 7-10, PG

MARTIN
DESIGN
GOLF
Martin Design Golf
630-707-5071
g.martin.mdp@gmail.com
www.martindesigngolf.com

6/24

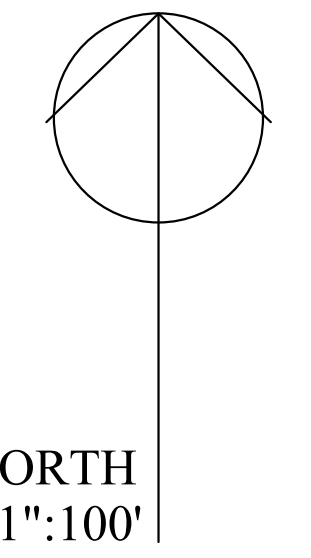


NOTES:
 Final locations, Catch Basin sizes, pipe diameter and outlets shall be identified in-field.

See Civil Engineering Plans pages C4.1 – C4.7 for additional invert and rim elevations.

See Civil Engineering Plans for Parking Lot & Entrance grading, drainage and construction.

1.10.25
 9.30.24
 9.16.24



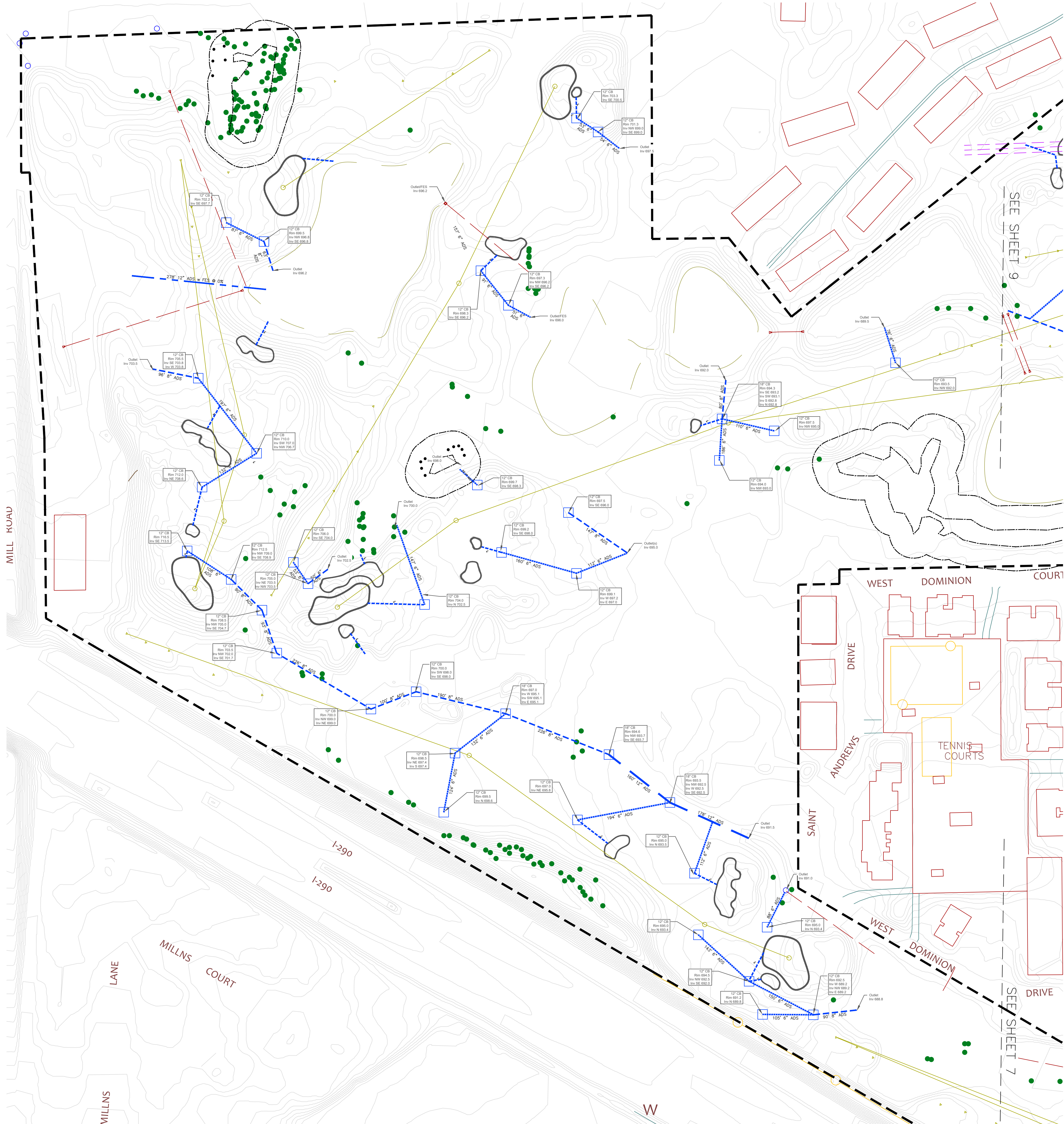
Maple Meadows Golf Club
 Forest Preserve District
 DuPage County
 272 S Addison Rd.
 Wood Dale, Illinois
 60191-2314

Maple Meadows Golf Course
 Drainage
 SE 1-6, 16-17



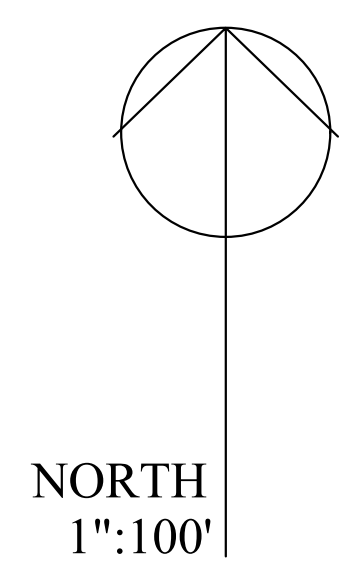
**MARTIN
 DESIGN
 GOLF**
 Martin Design Golf
 630-707-5071
 g.martin.mdp@gmail.com
 www.martindesigngolf.com

7/24



NOTES:
 Final locations, Catch Basin sizes, pipe diameter and outlets shall be identified in-field.
 See Civil Engineering Plans pages C4.1 – C4.7 for invert and rim elevations.

1.10.25
 9.30.24
 9.16.24

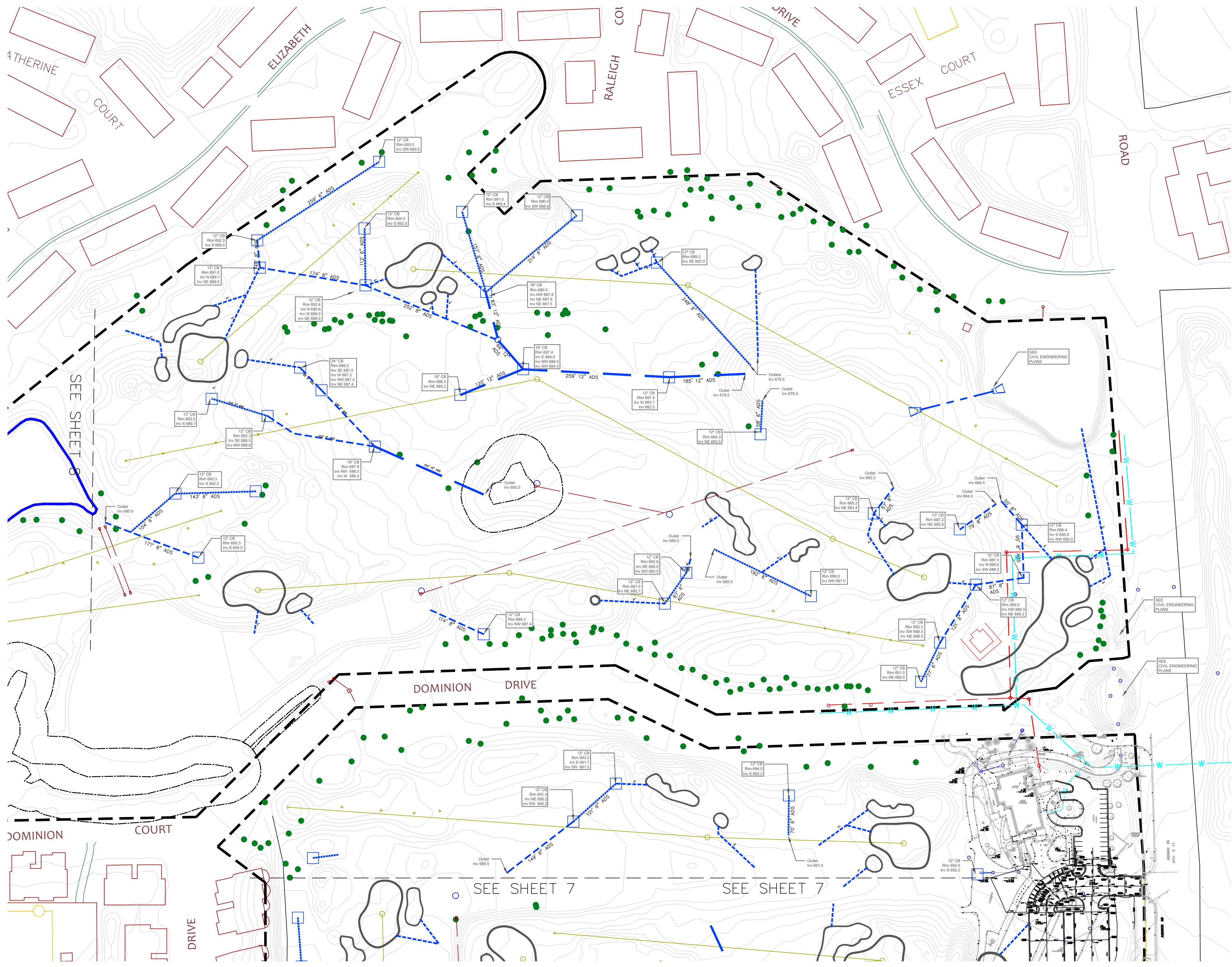


Maple Meadows Golf Club
 Forest Preserve District
 DuPage County
 272 S Addison Rd.
 Wood Dale, Illinois
 60191-2314

Maple Meadows Golf Course
 Drainage
 West 11-15

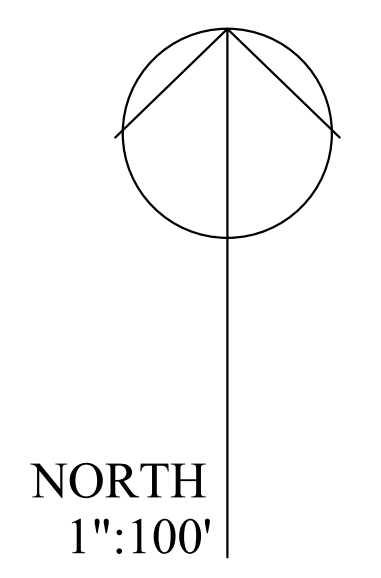
**MARTIN
 DESIGN
 GOLF**
 Martin Design Golf
 630-707-5071
 g.martin.mdpg@gmail.com
 www.martindesigngolf.com

8/24



NOTES:
 Final locations, Catch Basin sizes, pipe diameter and outlets shall be identified in-field.
 See Civil Engineering Plans pages C4.1 – C4.7 for invert and rim elevations.

1.10.25
 9.30.24
 9.16.24



Maple Meadows Golf Club
 Forest Preserve District
 DuPage County
 272 S Addison Rd.
 Wood Dale, Illinois
 60191-2314

Maple Meadows Golf Course
 Drainage
 North 7-10, 18, PG

MARTIN DESIGN GOLF
 Martin Design Golf
 630-707-5071
 g.martin.mdp@gmail.com
 www.martindesigngolf.com

9/24

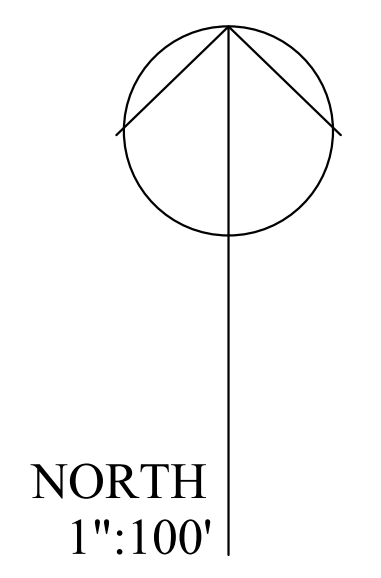


-  Existing [identified] Trees to Remain
-  Fairway, Greens, Tees
-  Wetland Low
-  Upland OOP
-  Bluegrass Rough
-  Bluegrass Sod
-  RTF Sod

Note:
 Buffer tree species listed on Exhibit X of Civil Engineering Plans
 See Civil Engineering Plans for Plant lists and wetland plant mixes

- Seed:
- Fairways: 100% Tillinghast Bentgrass
 - Greens: 100% Tillinghast Bentgrass
 - Tees: 100% Tillinghast Bentgrass
 - Primary Rough:
 - 25% Martha KBG
 - 25% Sombrero KBG
 - 25% Jackrabbit KBG
 - 25% Granite KBG
 - Upland OOP/Outer Rough
 - 25% Quatro Sheeps Fescue
 - 25% SR5130 Chewings Fescue
 - 25% SR3150 Hard Fescue
 - 25% SR5250 Chewings Red Fescue

1.10.25
 9.30.24
 9.16.24



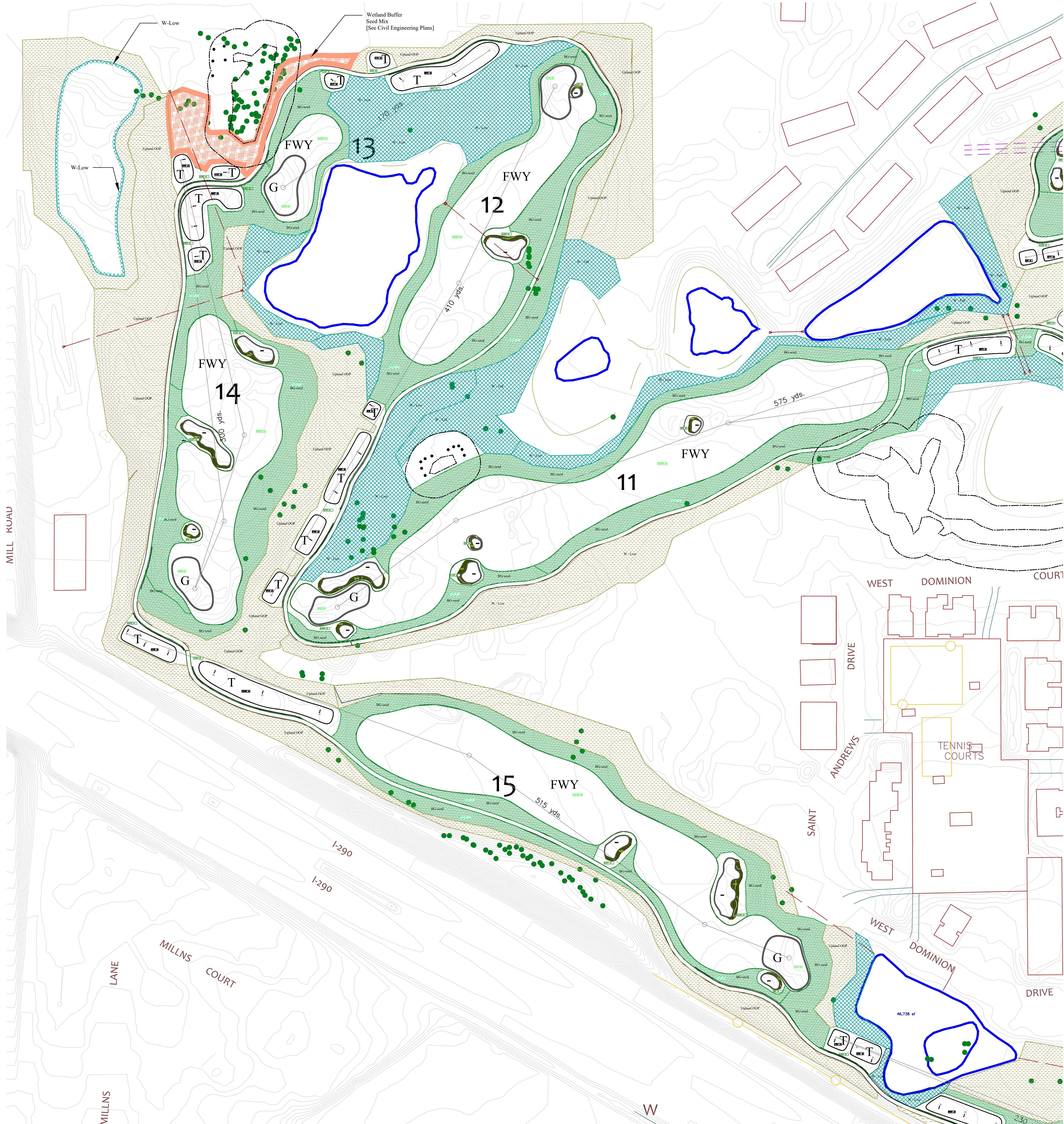
Maple Meadows Golf Club
 Forest Preserve District
 DuPage County
 272 S Addison Rd.
 Wood Dale, Illinois
 60191-2314

Maple Meadows Golf Course
 Grassing
 SE 1-6, 16-18



**MARTIN
 DESIGN
 GOLF**
 Martin Design Golf
 630-707-5071
 g.martin.mdp@gmail.com
 www.martindesigngolf.com

10/24

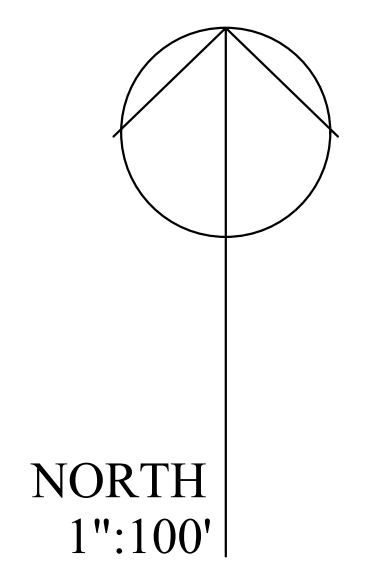


-  Existing [identified] Trees to Remain
-  Fairway, Greens, Tees
-  Wetland Low
-  Upland OOP
-  Bluegrass Rough
-  Bluegrass Sod
-  RTF Sod

Note:
 Buffer tree species listed on Exhibit X of Civil Engineering Plans
 See Civil Engineering Plans for Plant lists and wetland plant mixes

- Seed:
- Fairways: 100% Tillinghast Bentgrass
 - Greens: 100% Tillinghast Bentgrass
 - Tees: 100% Tillinghast Bentgrass
 - Primary Rough:
 - 25% Martha KBG
 - 25% Sombrero KBG
 - 25% Jackrabbit KBG
 - 25% Granite KBG
 - Upland OOP/Outer Rough:
 - 25% Quatro Sheeps Fescue
 - 25% SR5130 Chewings Fescue
 - 25% SR3150 Hard Fescue
 - 25% SR5250 Chewings Red Fescue

1.10.25
 9.30.24
 9.16.24



Maple Meadows Golf Club
 Forest Preserve District
 DuPage County
 272 S Addison Rd.
 Wood Dale, Illinois
 60191-2314

Maple Meadows Golf Course
 Grassing
 West 11-15

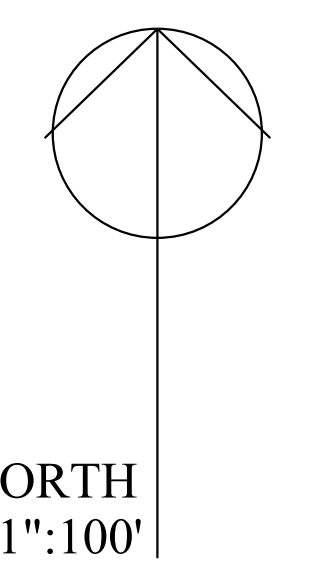
MARTIN DESIGN GOLF
 Martin Design Golf
 630-707-5071
 g.martin.mdp@gmail.com
 www.martindesigngolf.com

11/24



-  Existing [identified] Trees to Remain
-  Fairway, Greens, Tees
-  Wetland Low
-  Upland OOP
-  Bluegrass Rough
-  Bluegrass Sod
-  RTF Sod

1.10.25
9.30.24
9.16.24



Maple Meadows Golf Club
Forest Preserve District
DuPage County
272 S Addison Rd.
Wood Dale, Illinois
60191-2314

Note:
Buffer tree species listed on Exhibit X of Civil Engineering Plans
See Civil Engineering Plans for Plant lists and wetland plant mixes

- Seed:
- Fairways: 100% Tillinghast Bentgrass
 - Greens: 100% Tillinghast Bentgrass
 - Tees: 100% Tillinghast Bentgrass
 - Primary Rough:
 - 25% Martha KBG
 - 25% Sombrero KBG
 - 25% Jackrabbit KBG
 - 25% Granite KBG
 - Upland OOP/Outer Rough:
 - 25% Quatro Sheeps Fescue
 - 25% SR5130 Chewings Fescue
 - 25% SR3150 Hard Fescue
 - 25% SR5250 Chewings Red Fescue

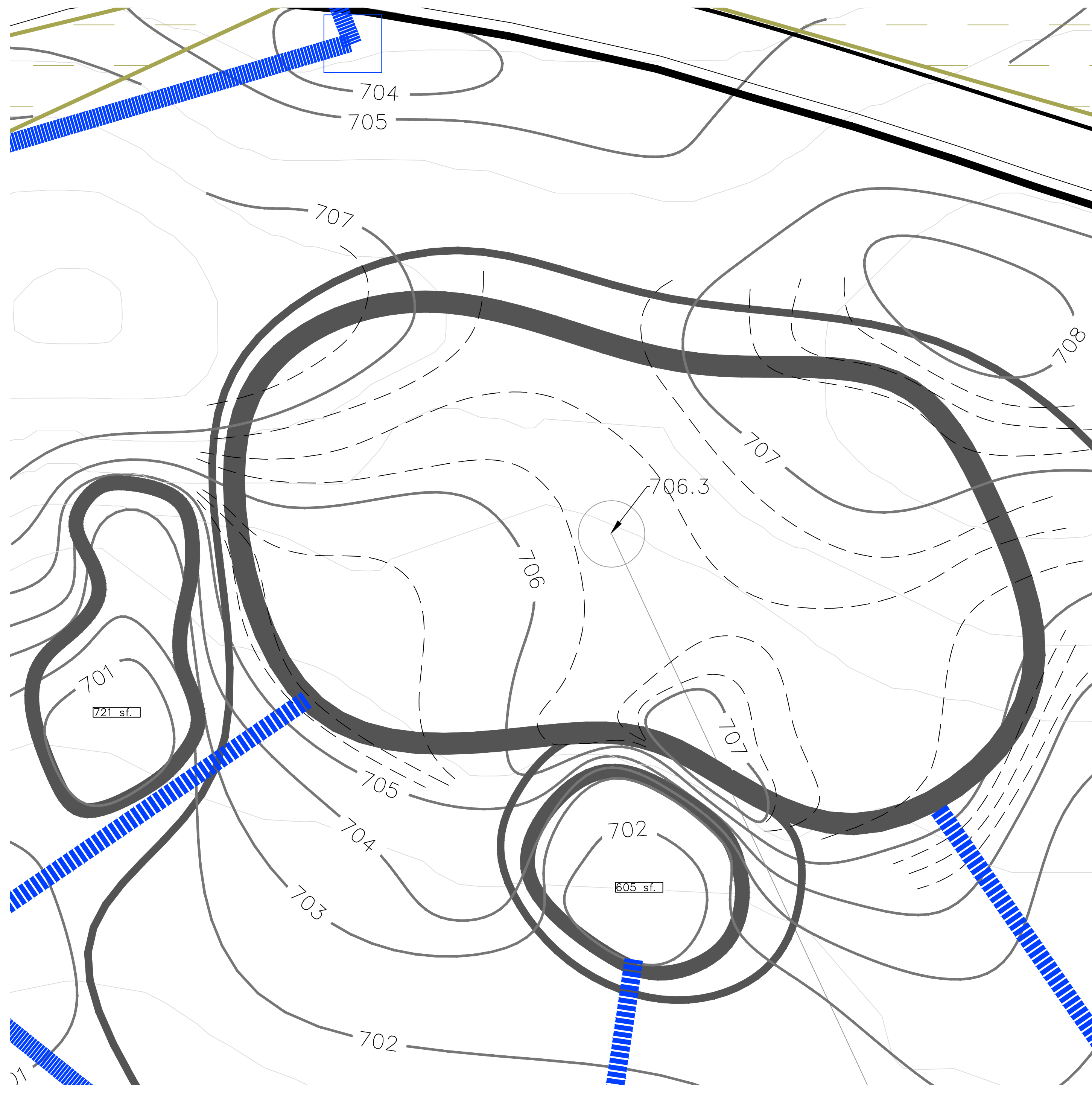
Maple Meadows Golf Course

Grassing
North 7-10, PG

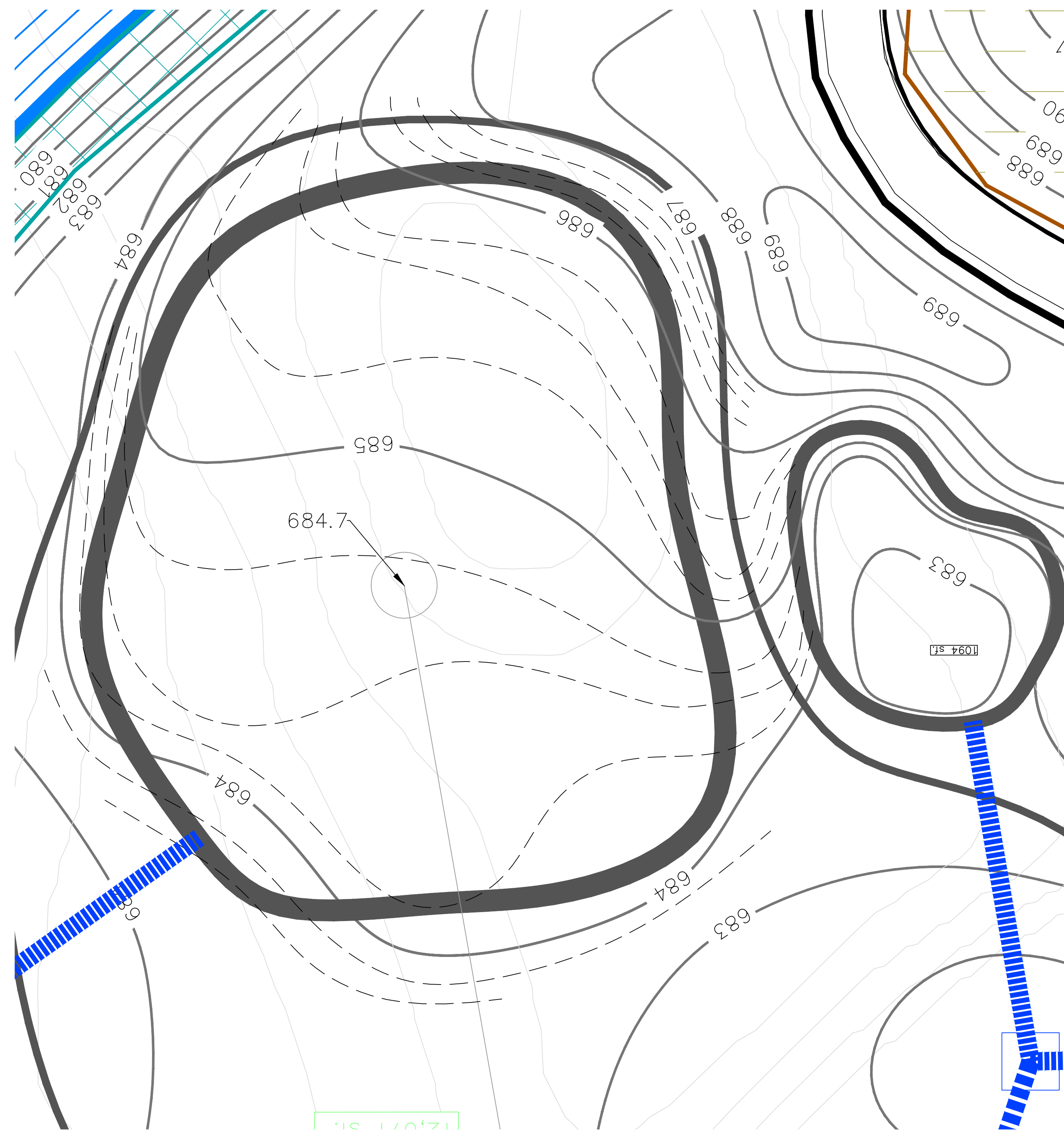
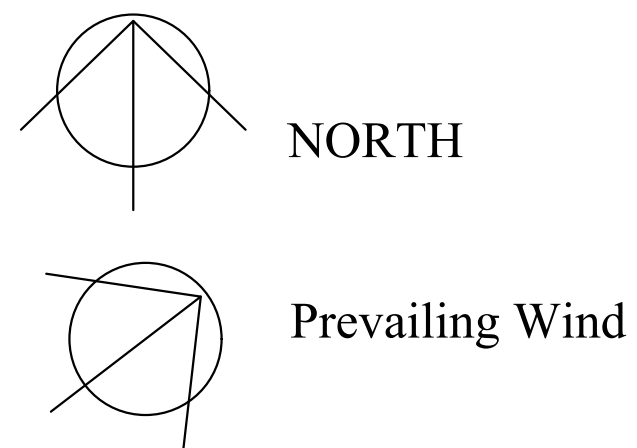


**MARTIN
DESIGN
GOLF**
Martin Design Golf
630-707-5071
g.martin.mdp@gmail.com
www.martindesigngolf.com

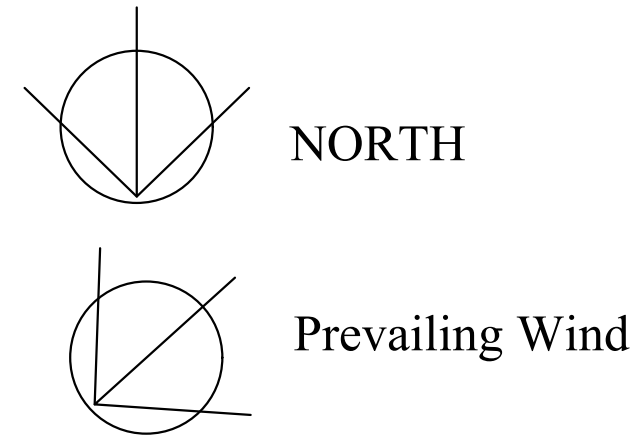
12/24



Hole 3 Green - 5,899 sf.



Hole 4 Green - 7,313 sf.



1.10.25
9.30.24
9.16.24

1"=10'



Maple Meadows Golf Club
Forest Preserve District
DuPage County
272 S Addison Rd.
Wood Dale, Illinois
60191-2314

Maple Meadows Golf Course

Green Details
3, 4

