

KIMBERLIN STREET RETENTION POND

CITY OF TROY, IL
116 E MARKET STREET
TROY, ILLINOIS, 62294

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ENGINEERS



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ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

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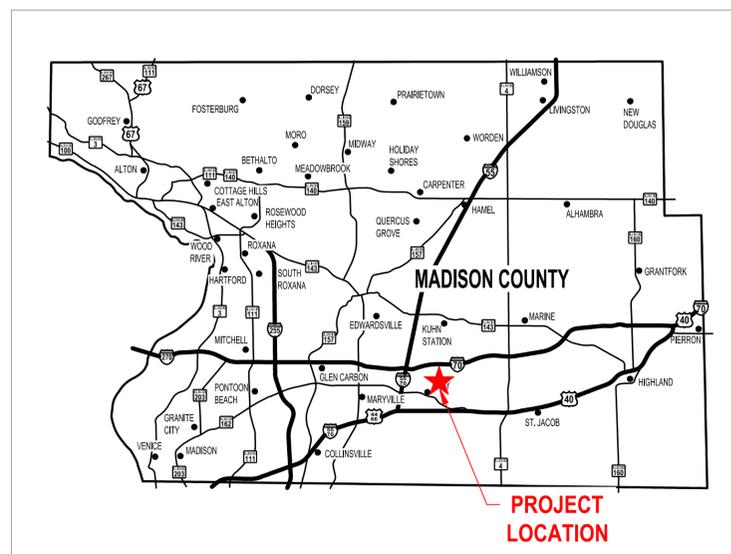


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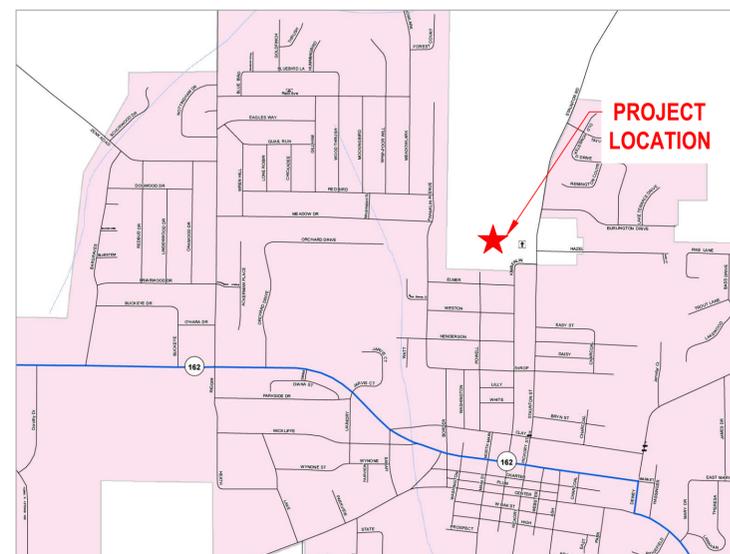
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TROY, ILLINOIS 62294

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CITY ENGINEER
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VICINITY MAP



LOCATION MAP



02/17/2026 - FINAL PLANS

GENERAL NOTES

- ALL SITE WORK SHALL BE IN ACCORDANCE WITH THE CITY OF TROY MUNICIPAL CODE AND WITH THE LATEST EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S, "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND HIGHWAY STANDARDS", IN SO FAR AS THEY APPLY, EXCEPT THAT ALL REFERENCES TO MEASUREMENT AND PAYMENT SHALL BE DELETED.
- THE CONTRACTOR SHALL REMOVE, MAINTAIN IN A TEMPORARY LOCATION AND PERMANENTLY RESET ALL MAILBOXES, TRAFFIC SIGNS, STREET NAME SIGNS AND ALL PRIVATE AND COMMERCIAL SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS ACCORDING TO ARTICLES 107.20 AND 107.25 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES FOR THE VARIOUS ITEMS OF WORK INVOLVED.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR, OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE STORED ON THE PROPOSED CONSTRUCTION SITE AND NOT ON ANY PUBLIC STREET OR RIGHT OF WAY.
- THE CONTRACTOR SHALL PROVIDE ALL MATERIAL TESTING AND CONSTRUCTION LAYOUT.
- ANY UNSUITABLE MATERIAL ENCOUNTERED DURING CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR AND REPLACED WITH SUITABLE MATERIAL AS APPROVED BY THE ENGINEER. THIS WILL BE CONSIDERED UNFORSEEN AND PAID FOR ON A TIME AND MATERIAL BASIS OR AT AN AGREED UPON LUMP SUM PRICE.
- FULL DEPTH SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM INVOLVED ACCORDING TO SECTION 440 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
- ALL EXISTING FEATURES SUCH AS PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, HEADWALLS, RIPRAP, FENCING, RETAINING WALLS, ETC. WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE AREA SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION OR AS SPECIFIED OTHERWISE BY THE ENGINEER WITH SEEDING MIXTURE OF IDOT CLASS 1A, APPLIED AT A RATE OF 200 LB/ACRE OR APPROVED EQUIVALENT SEED MIX.
- DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, SILT WEDGES OR ANY OTHER MATERIAL APPROVED BY THE ENGINEER. HAY OR STRAW BALES WILL NOT BE ALLOWED.
- STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS ARE THE PERCENT GRADE FROM CENTER TO CENTER OF STRUCTURE. THE LENGTH OF STORM SEWERS SHOWN ON THE PLANS IS THE DISTANCE FROM CENTER TO CENTER OF STRUCTURE.
- ALL DRAINAGE STRUCTURES CONSTRUCTED, ADJUSTED OR RECONSTRUCTED UNDER THE CONTRACT, SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS OR FOREIGN MATTER AT THE END OF EACH WORKING DAY AND AT THE TIME OF FINAL INSPECTION.
- BEDDING FOR ALL PIPES SHALL BE CLASS II PER ASTM 2321, UNLESS REQUIRED OTHERWISE BY THE PIPE MANUFACTURER. ALL PIPE TRENCHES UNDER PAVED AREAS SHALL BE BACKFILLED WITH COARSE AGGREGATE, GRADATION CA 6.
- THE CONSTRUCTION OF THIS PROJECT WILL BE GOVERNED BY THE CONDITIONS OF THE GENERAL NPDES STORMWATER PERMIT ISSUED BY I.E.P.A. DIVISION OF WATER POLLUTION CONTROL. A "STORMWATER POLLUTION PREVENTION PLAN" HAS BEEN PREPARED BY THE ENGINEER IN CONJUNCTION WITH THIS PLAN SET. THE "STORMWATER POLLUTION PREVENTION PLAN" CONTAINS INFORMATION SUCH AS REQUIRED SEQUENCE OF CONSTRUCTION, SEED, FERTILIZER AND LIME APPLICATION RATES AND PROCEDURES, AND PROVISION FOR MAINTENANCE OF EROSION CONTROL STRUCTURES AND MEASURES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN A COPY OF THE PLAN, TO KEEP A COPY OF THE PLAN AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES, AND TO ASSURE COMPLIANCE WITH THE PLAN.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SILTATION CONTROL, AS NEEDED, TO PREVENT SILTATION OF OFF SITE PROPERTIES, UNTIL THE VEGETATION IN ALL DISTURBED AREAS HAS BEEN ESTABLISHED, AT WHICH TIME HE/SHE SHALL BE RESPONSIBLE FOR REMOVAL OF ALL TEMPORARY SILTATION CONTROL AND REPAIR OF ANY ERODED AREAS. SILT FENCING AND OTHER EROSION CONTROL SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH APPLICABLE I.E.P.A. EROSION CONTROL STANDARDS AND THE ILLINOIS URBAN MANUAL.
- DITCH CHECKS SHALL BE INSTALLED ACCORDING TO NRCS STANDARD IL-635 AND SILT FENCE SHALL BE INSTALLED ACCORDING TO NRCS STANDARD IL-620.
- SILT FENCE OR SILT SOCK SHALL BE INSTALLED WHERE SHOWN ON THE PLANS PRIOR TO COMMENCEMENT OF GRADING ACTIVITIES.
- THE CONTRACTOR SHALL PROVIDE A STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH NRCS STANDARD IL-630.

- PROVIDE THE NECESSARY SIGNS AND BARRICADES FOR TRAFFIC CONTROL WHILE WORKING THROUGHOUT THE CONSTRUCTION PERIOD. ALL MATERIAL PILES, EQUIPMENT, OPEN EXCAVATIONS OR THEIR OBSTRUCTIONS OR HAZARDS TO MOTORISTS OR PEDESTRIANS SHALL BE ENCLOSED BY FENCES OR PROTECTED BY BARRICADES. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH APPLICABLE IDOT HIGHWAY STANDARDS.

THE FOLLOWING SYMBOLS, ABBREVIATIONS AND PATTERNS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

AD	ALGEBRAIC DIFFERENCE IN GRADE
BVCE	BEGINNING OF VERTICAL CURVE ELEVATION
BVCS	BEGINNING OF VERTICAL CURVE STATION
BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONSTR	CONSTRUCTION
CP	CONTROL POINT
ESMT	EASEMENT
ELEV	ELEVATION
EVCE	END OF VERTICAL CURVE ELEVATION
EVCS	END OF VERTICAL CURVE STATION
FES	FLARED END SECTION
K	LENGTH OF VERTICAL CURVE PER PERCENT GRADE DIFFERENCE
N/F	NOW OR FORMERLY
O/C	OIL AND CHIP
PERM	PERMANENT
PVI	POINT OF VERTICAL INTERSECTION
PVC	POLYVINYL CHLORIDE PIPE
TCE	TEMPORARY CONSTRUCTION EASEMENT
TUP	TEMPORARY USE PERMIT
TBA	TO BE ADJUSTED
TBR	TO BE REMOVED
TBRL	TO BE RELOCATED
TBV	TO BE VACATED
TYP	TYPICAL
W	WIDTH

UTILITY CONTACTS

THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION THAT MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. ALL ARE MEMBERS OF J.U.L.I.E., UNLESS NOTED OTHERWISE.

AT&T (TELEPHONE / FIBER OPTIC) 1420 FRONTAGE RD O'FALLON, IL 62269 (618) 407-5814	CITY OF TROY (SEWER / WATER) 116 E. MARKET STREET TROY, IL 62294 (618) 667-9924
CHARTER COMMUNICATIONS (FIBER OPTIC) 2140 W. DIVISION ST. MARYVILLE, IL 62062 (618) 345-6234	AMEREN IP (GAS & ELECTRIC) 2600 NORTH CENTER MARYVILLE, IL 62062 (618) 346-1287
CLEARWAVE (FIBER OPTIC) 2 NORTH VINE STREET HARRISBURG, IL 62946 (618) 566-9815	VERIZON COMMUNICATIONS (TELEPHONE) 2143 VADALABENE DRIVE MARYVILLE, IL 62062 (618) 664-1025

THE ABOVE INFORMATION REPRESENTS THE BEST INFORMATION AVAILABLE TO THE OWNER AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN PREPARING HIS/HER BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCE CAUSED BY SAME.

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 800-892-0123 AND PROVIDING 48 HOURS ADVANCE NOTICE. NON-J.U.L.I.E. MEMBERS MAY BE CONTACTED DIRECT. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.

ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHOULD BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER. ALL ROADSIDE OBJECTS (UTILITY POLES, FIRE HYDRANTS, SIGNS, ETC.) SHALL BE RELOCATED TO PROVIDE A MINIMUM OF 2 FEET CLEARANCE, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT. THE COST OF ANY NECESSARY RELOCATIONS MAY BE INCURRED BY THE OWNER IF OTHER ARRANGEMENTS CANNOT BE MADE OR PRIOR AGREEMENTS ARE NOT IN PLACE.

**JOINT UTILITY LOCATING INFORMATION FOR EXCAVATIONS
PHONE: 800-892-0123**

LEGEND

EX	NEW	EX	NEW

LINETYPES

EX	NEW



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SUBMITTALS

ISSUE:	DATE:

**KIMBERLIN STREET
RETENTION POND
CITY OF TROY, IL**

GENERAL NOTES | ABBREVIATIONS | SYMBOLS



EXP. 11/30/27

PROJECT NO.:
225007.011

DATE:
02/17/2026

DRAWING TITLE:

GENERAL NOTES

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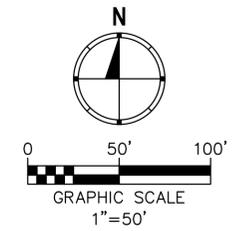
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LEGEND

- $X.X\%$ SLOPE, % (POINTS DOWNHILL)
- CONSTRUCTION LIMITS
- xxx --- EXISTING CONTOUR ELEVATION
- (xxx) --- PROPOSED CONTOUR ELEVATION
- >--- PROPOSED STORM SEWER
- >--- PROPOSED DITCH FLOW LINE

CONTROL POINT TABLE

CP #	ELEV	NORTHING	EASTING
60	553.78	753193.7709	2377697.5802
62	559.44	753165.1430	2377358.3076

EARTHWORK CALCULATIONS

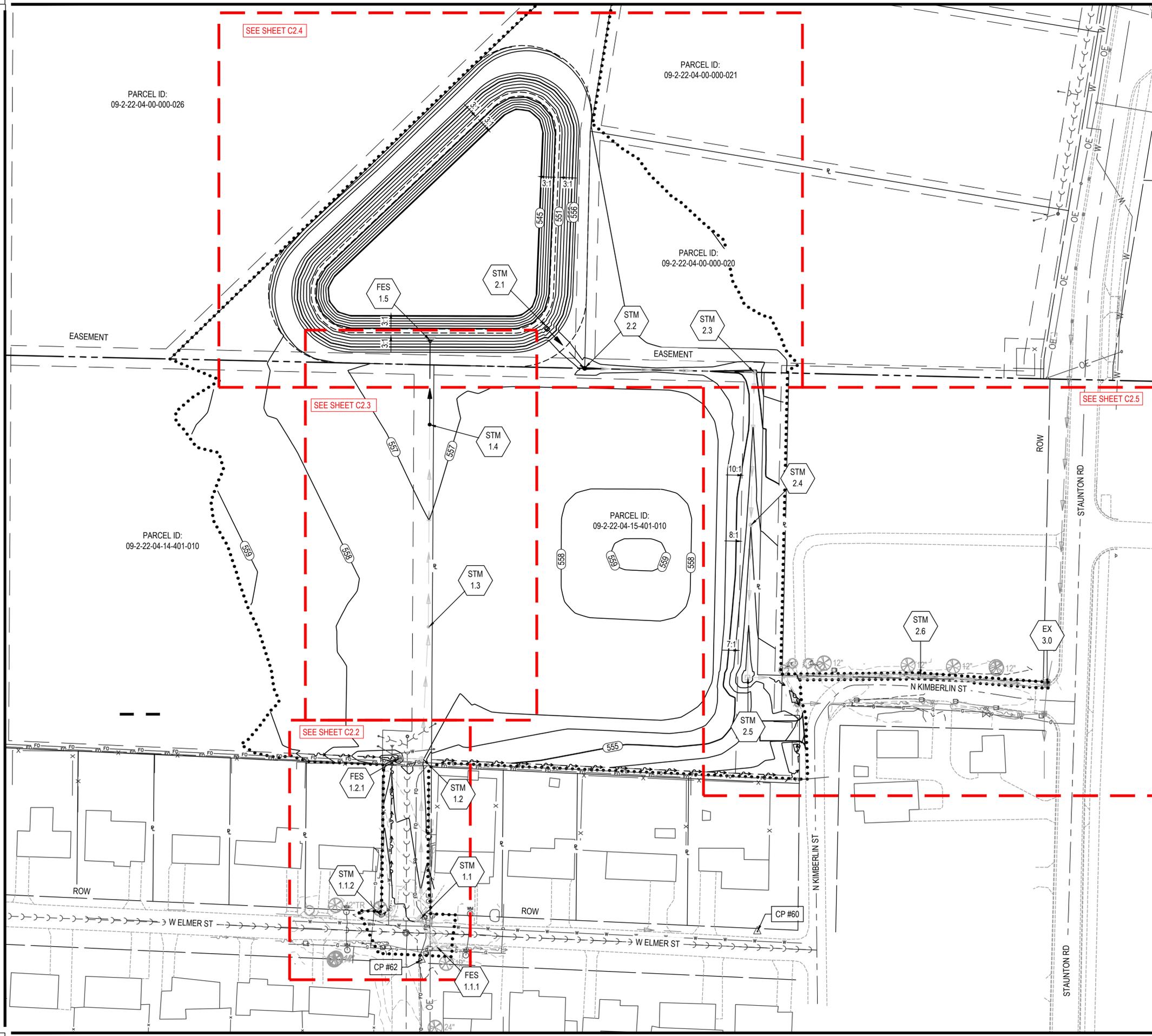
EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD) (0.95 CUT FACTOR)	FILL AREAS (CU YD)	EARTHWORK BALANCE (CU YD)
20,204	19,194	19,177	+17

EARTHWORK CALCULATION NOTES

- NOTE:
- APPROXIMATE EARTHWORK VOLUMES HAVE BEEN PROVIDED FOR INFORMATION ONLY AND SHALL BE FIELD VERIFIED.
 - ALL SUITABLE MATERIAL SHALL BE USED ON SITE.
 - CONTOURS MAY BE FIELD ADJUSTED BY THE ENGINEER TO PREVENT MATERIAL HAUL OFF.
 - IF MORE EARTH EXCAVATION IS NEEDED FOR FILL AREAS, THE PROPOSED RETENTION POND MAY BE OVER-EXCAVATED TO ACCOUNT FOR FILL SHORTAGE.

LUMP SUM BID NOTE

- THESE QUANTITIES REPRESENT THE DESIGNER'S ESTIMATION FOR THE MAJOR WORK ITEMS INVOLVED AND MOST SMALL/INCIDENTAL WORK ITEMS ARE NOT INCLUDED FOR BREVITY. QUANTITY TAKEOFF AND THE UNIT COST SPREADSHEET ARE PROVIDED FOR INFORMATION ONLY. THIS IS A LUMP SUM BID AND WILL BE PAID AS SUCH. UNIT COSTS AND PAY ITEMS ARE REQUESTED IN ORDER TO ESTABLISH A SCHEDULE OF VALUES TO ESTABLISH A BASIS FOR PAYMENT.



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**KIMBERLIN STREET
RETENTION POND**
 CITY OF TROY, IL
OVERALL SITE & GRADING PLAN



EXP. 11/30/27

PROJECT NO.:
225007.011

DATE:
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OVERALL SITE & GRADING PLAN

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**KIMBERLIN STREET
RETENTION POND
CITY OF TROY, IL
SITE & GRADING PLAN**



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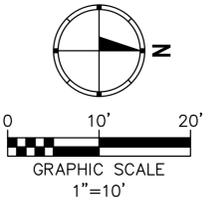
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PLAN**

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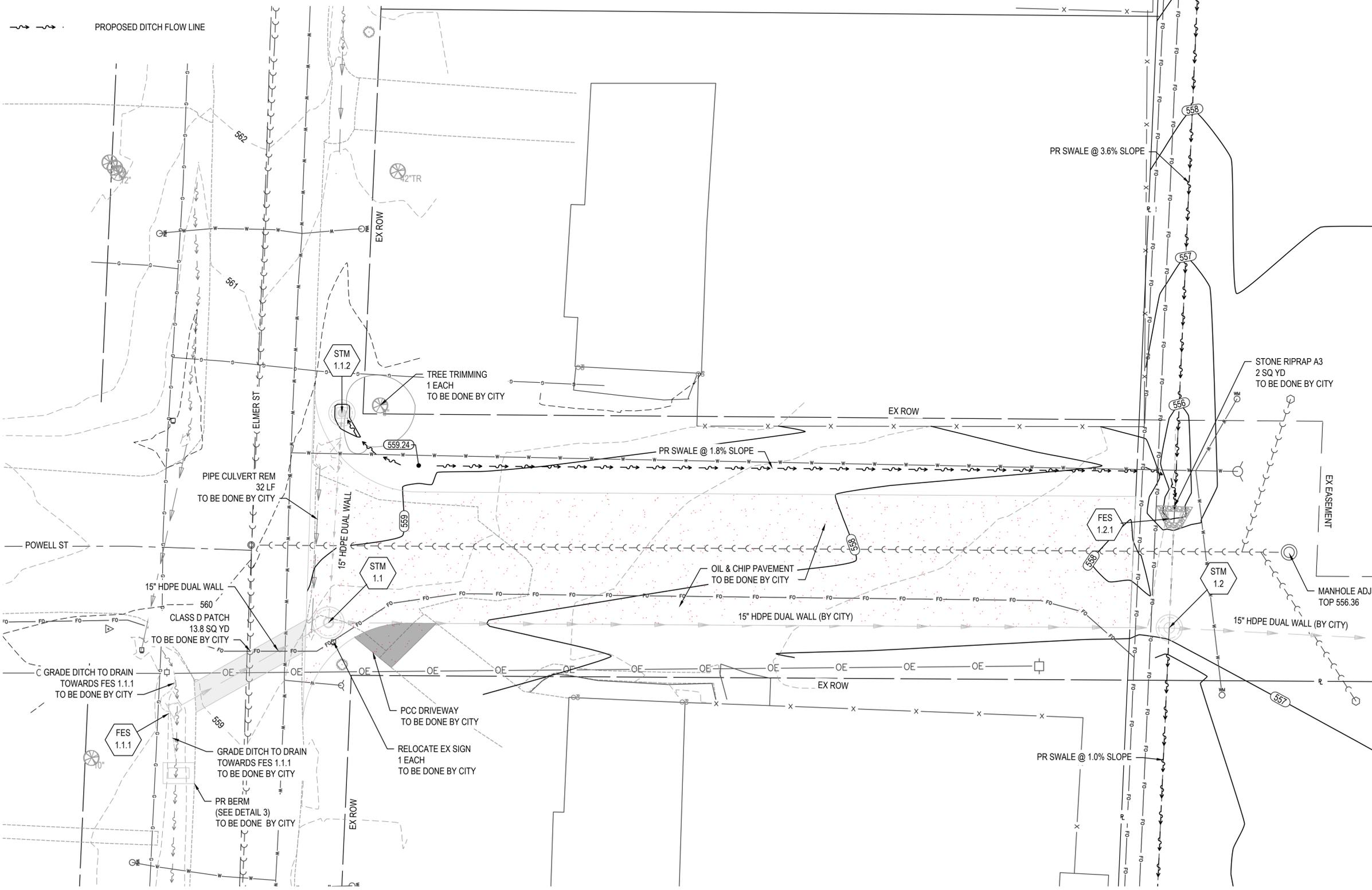
LEGEND

- X.X% SLOPE, % (POINTS DOWNHILL)
- xxx --- EXISTING CONTOUR ELEVATION
- (xxx) --- PROPOSED CONTOUR ELEVATION
- >--- PROPOSED STORM SEWER
- >--- PROPOSED DITCH FLOW LINE

STORM STRUCTURE TABLE

#	INV	NORTHING	EASTING	BY
FES 1.1.1	556.74	753176.9147	2377374.0151	BY CITY
STM 1.1	555.68	753207.1372	2377357.0879	BY CITY
STM 1.1.2	556.28	753209.6975	2377317.1699	BY CITY
STM 1.2	554.87	753367.5429	2377358.0769	BY CITY
FES 1.2.1	555.27	753369.3080	2377318.6434	BY CITY

- (XXX.XX) PR SPOT ELEVATION, UNLESS OTHERWISE NOTED
- (ME XXX.XX) PR SPOT ELEVATION MATCH EXISTING, UNLESS OTHERWISE NOTED
- (XXX.XX) PR BACK OF CURB ELEVATION, UNLESS OTHERWISE NOTED
- XXX.XX EX SPOT ELEVATION, UNLESS OTHERWISE NOTED



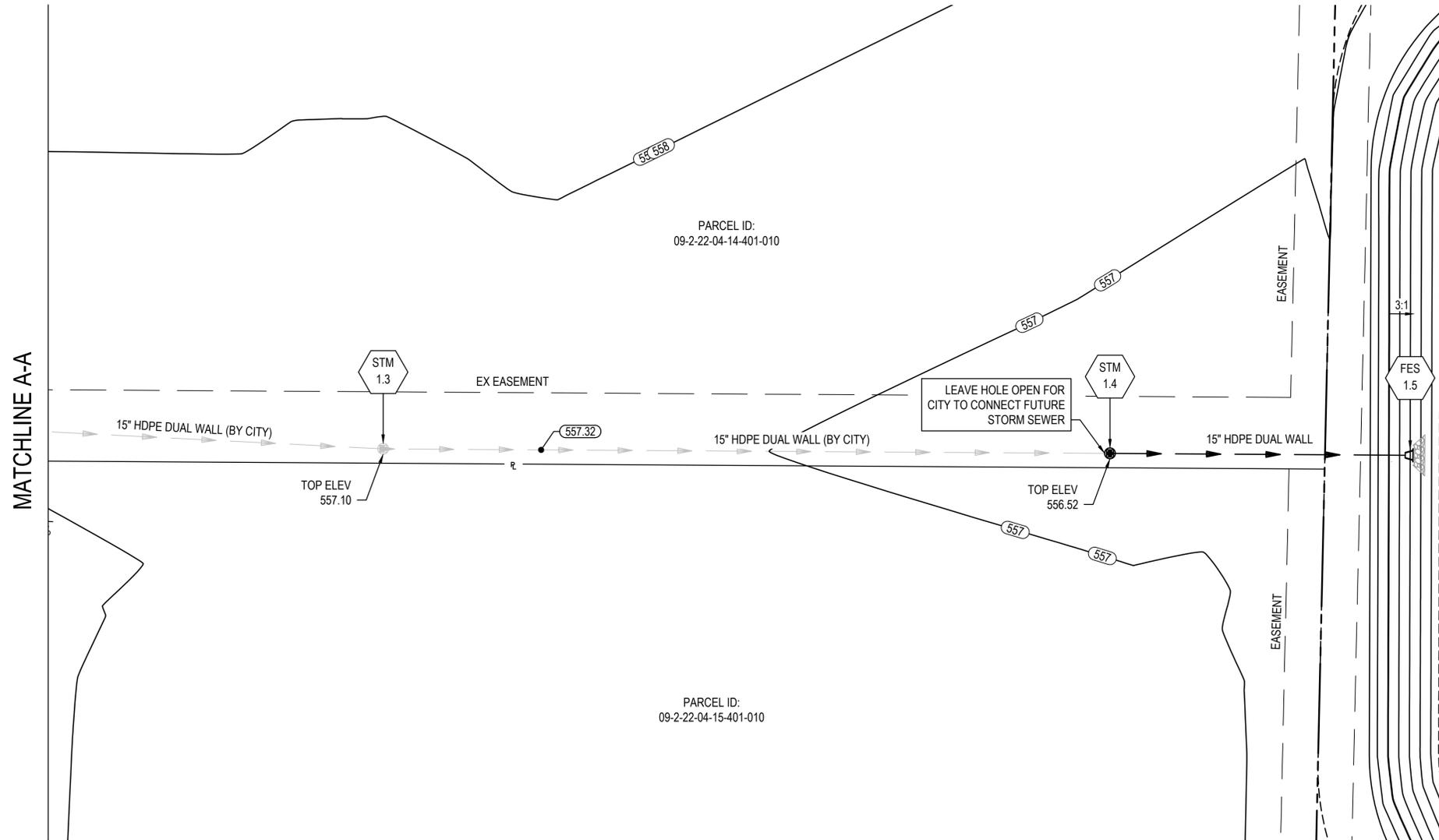
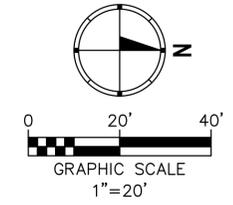
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LEGEND

- SLOPE, % (POINTS DOWNHILL)
- CONSTRUCTION LIMITS
- EXISTING CONTOUR ELEVATION
- PROPOSED CONTOUR ELEVATION
- PROPOSED STORM SEWER
- PROPOSED DITCH FLOW LINE

STORM STRUCTURE TABLE

#	INV	NORTHING	EASTING	BY
STM 1.3	554.20	753500.8712	2377364.8872	BY CITY
STM 1.4	553.17	753704.8787	2377366.1571	



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CITY OF TROY, IL
SITE & GRADING PLAN**



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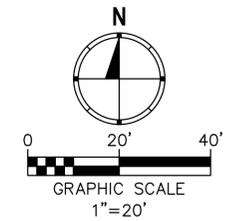
LEGEND

- X.X% SLOPE, % (POINTS DOWNHILL)
- CONSTRUCTION LIMITS
- xxx --- EXISTING CONTOUR ELEVATION
- (xxx)--- PROPOSED CONTOUR ELEVATION
- PROPOSED STORM SEWER
- PROPOSED DITCH FLOW LINE

STORM STRUCTURE TABLE

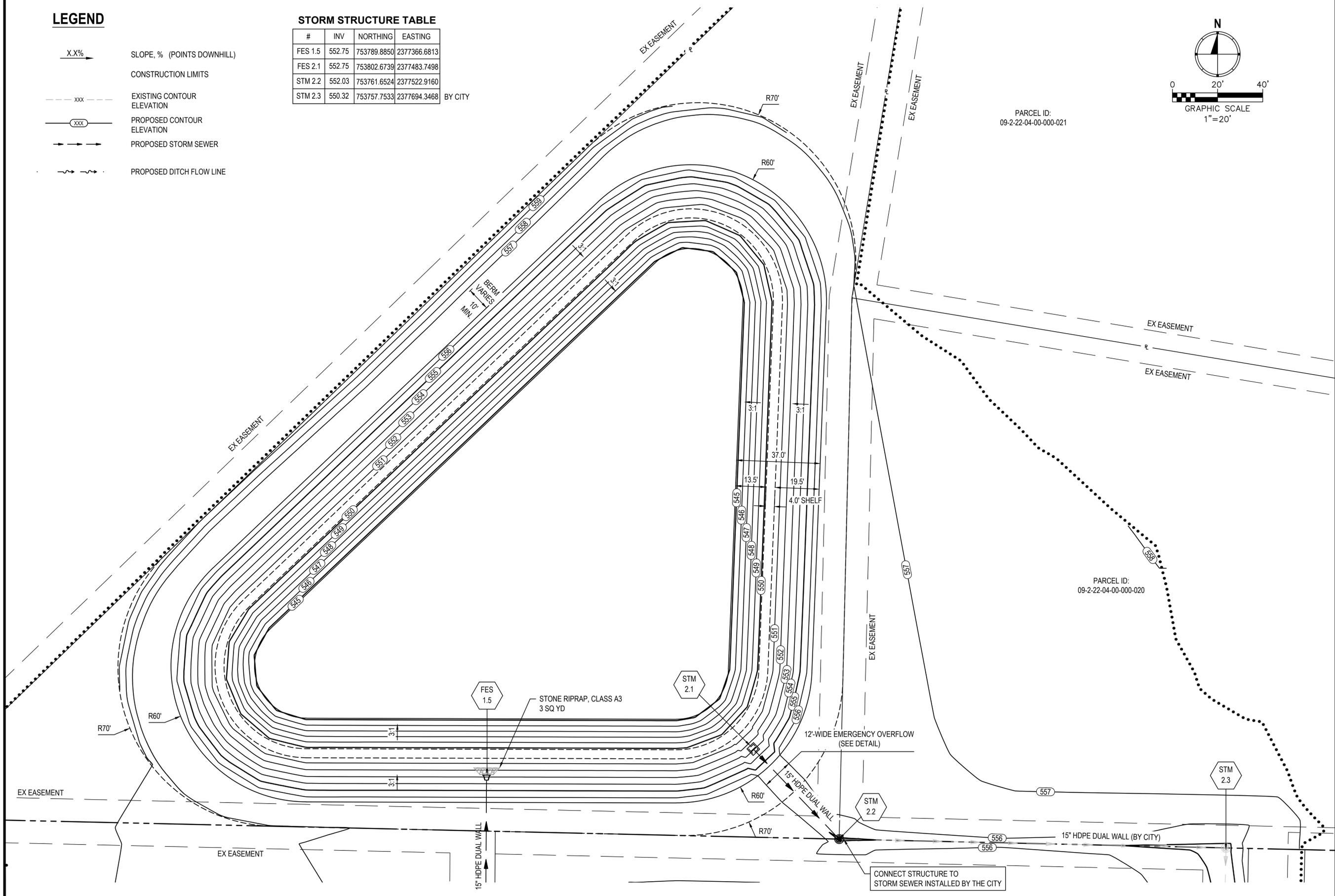
#	INV	NORTHING	EASTING
FES 1.5	552.75	753789.8850	2377366.6813
FES 2.1	552.75	753802.6739	2377483.7498
STM 2.2	552.03	753761.6524	2377522.9160
STM 2.3	550.32	753757.7533	2377694.3468

BY CITY



PARCEL ID:
09-2-22-04-00-000-021

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SITE & GRADING PLAN**

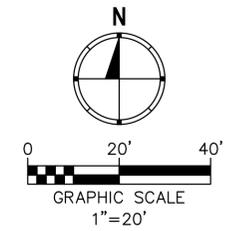
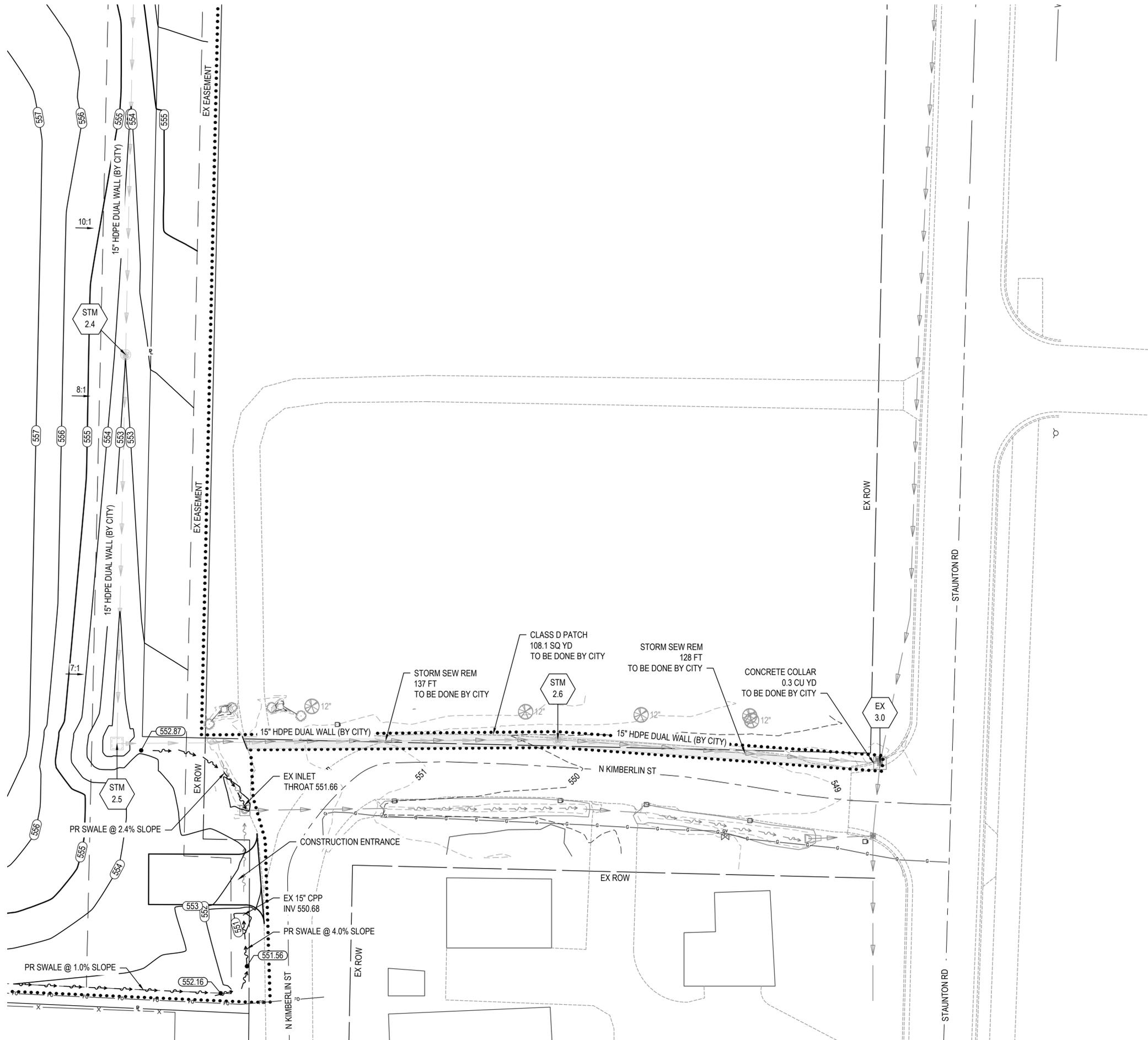


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LEGEND

- ---X.X\% SLOPE, % (POINTS DOWNHILL)
- ---xxx CONSTRUCTION LIMITS
- ---xxx EXISTING CONTOUR ELEVATION
- ---(xxx) PROPOSED CONTOUR ELEVATION
- --- PROPOSED STORM SEWER
- --- PROPOSED DITCH FLOW LINE

STORM STRUCTURE TABLE

#	INV	NORTHING	EASTING	
STM 2.4	548.78	753603.7889	2377690.9211	(BY CITY)
STM 2.5	547.24	753449.8245	2377687.4955	(BY CITY)
STM 2.6	545.49	753451.4240	2377862.4153	(BY CITY)



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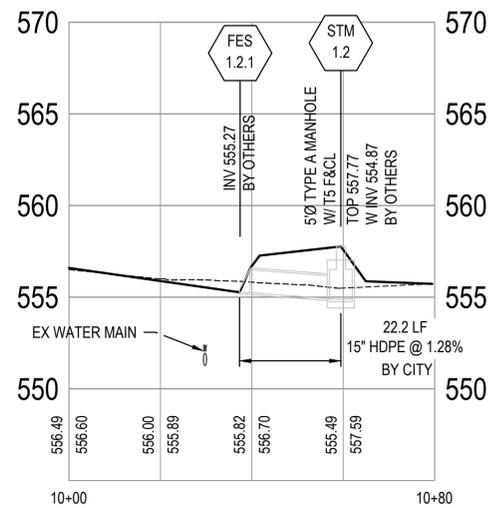
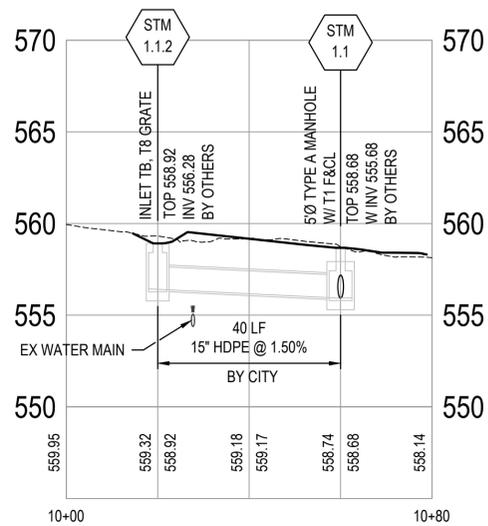
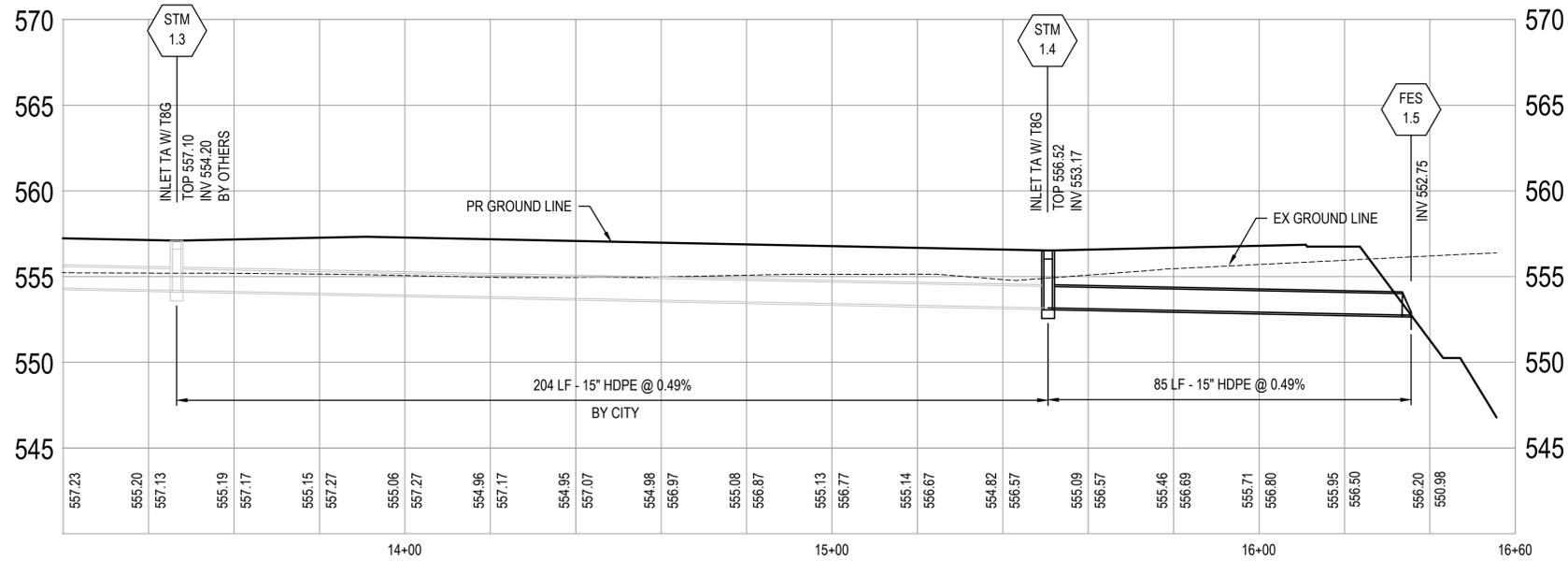
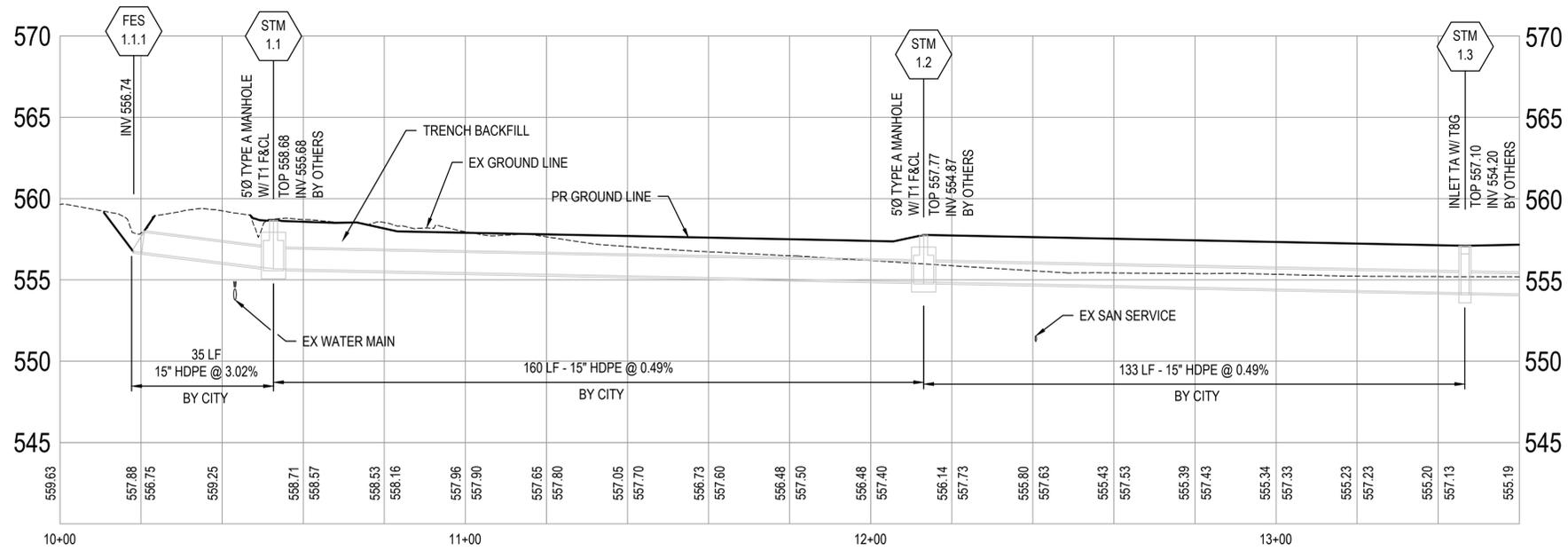
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DRAINAGE PROFILES**



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DRAWING TITLE:
**DRAINAGE
PROFILES**

DRAWING NO.:
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CITY OF TROY, IL
DRAINAGE PROFILES**



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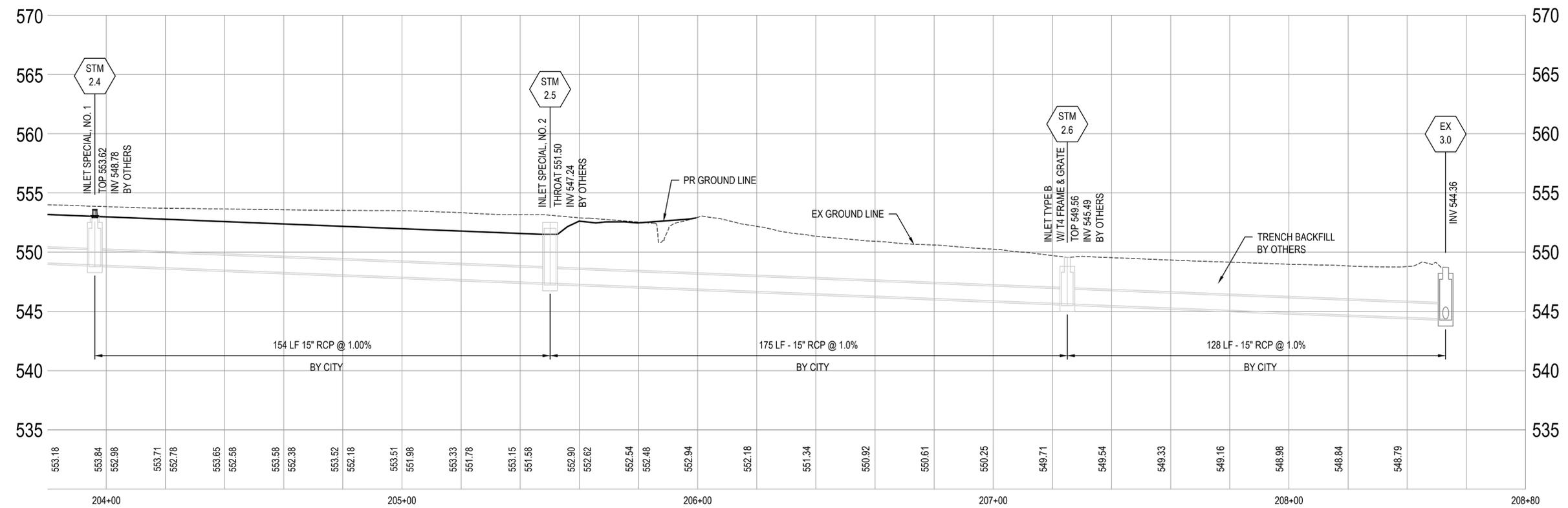
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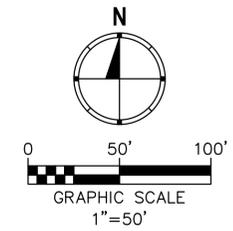




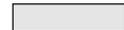
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EROSION CONTROL LEGEND

-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECKS
-  LIMITS OF CONSTRUCTION
-  EROSION CONTROL FENCE
-  EROSION CONTROL BLANKET & PERMANENT SEEDING
-  PERMANENT SEEDING
-  TEMPORARY SEEDING

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**KIMBERLIN STREET
RETENTION POND
CITY OF TROY, IL
OVERALL EROSION CONTROL
PLAN**



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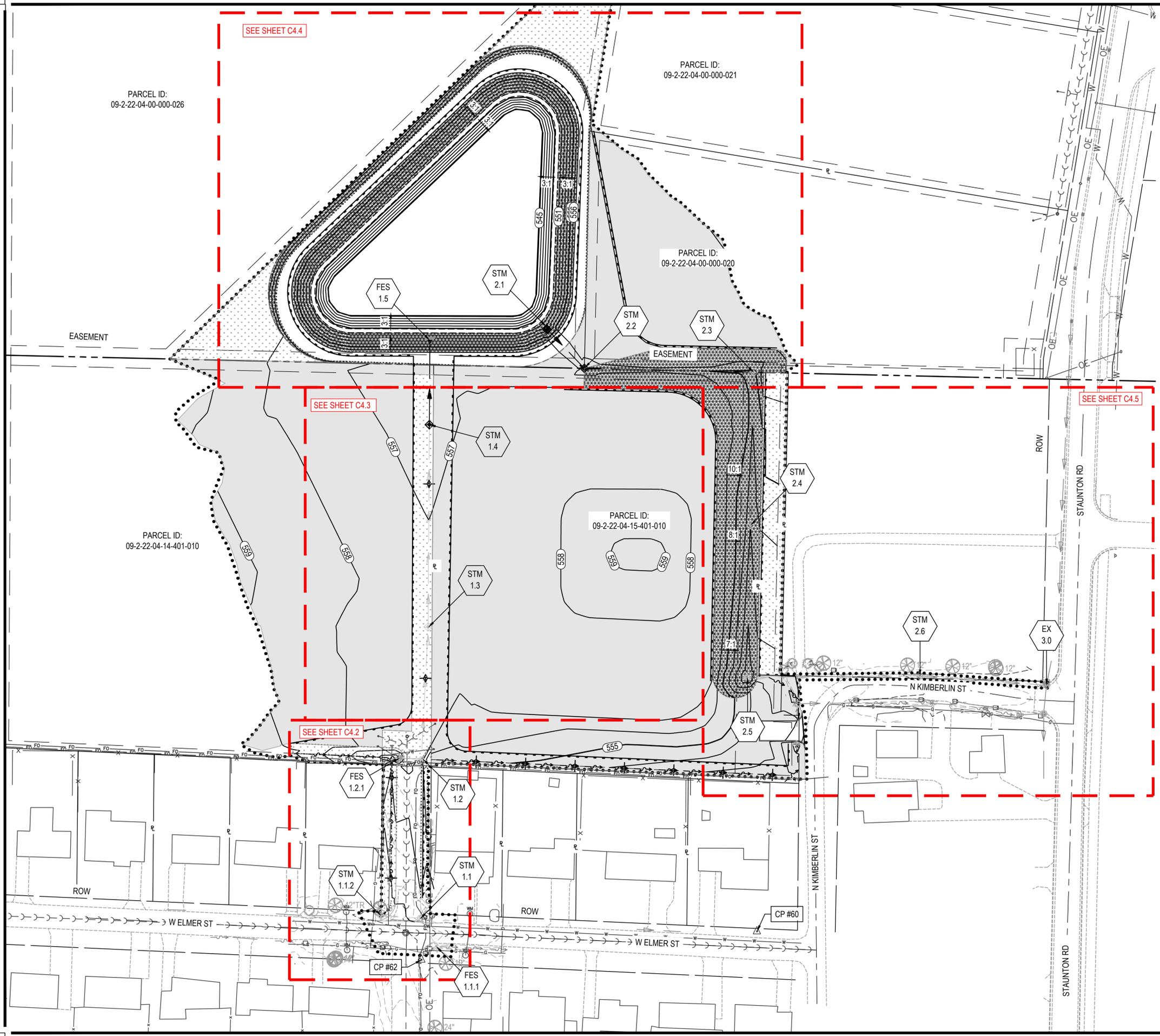
DATE:
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GRADING PLAN**

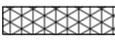
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C4.1

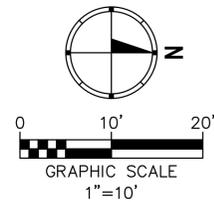
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EROSION CONTROL LEGEND

-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECKS
- LIMITS OF CONSTRUCTION
- - - EROSION CONTROL FENCE
-  EROSION CONTROL BLANKET & PERMANENT SEEDING
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MATCHLINE AA



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 EROSION CONTROL PLAN**

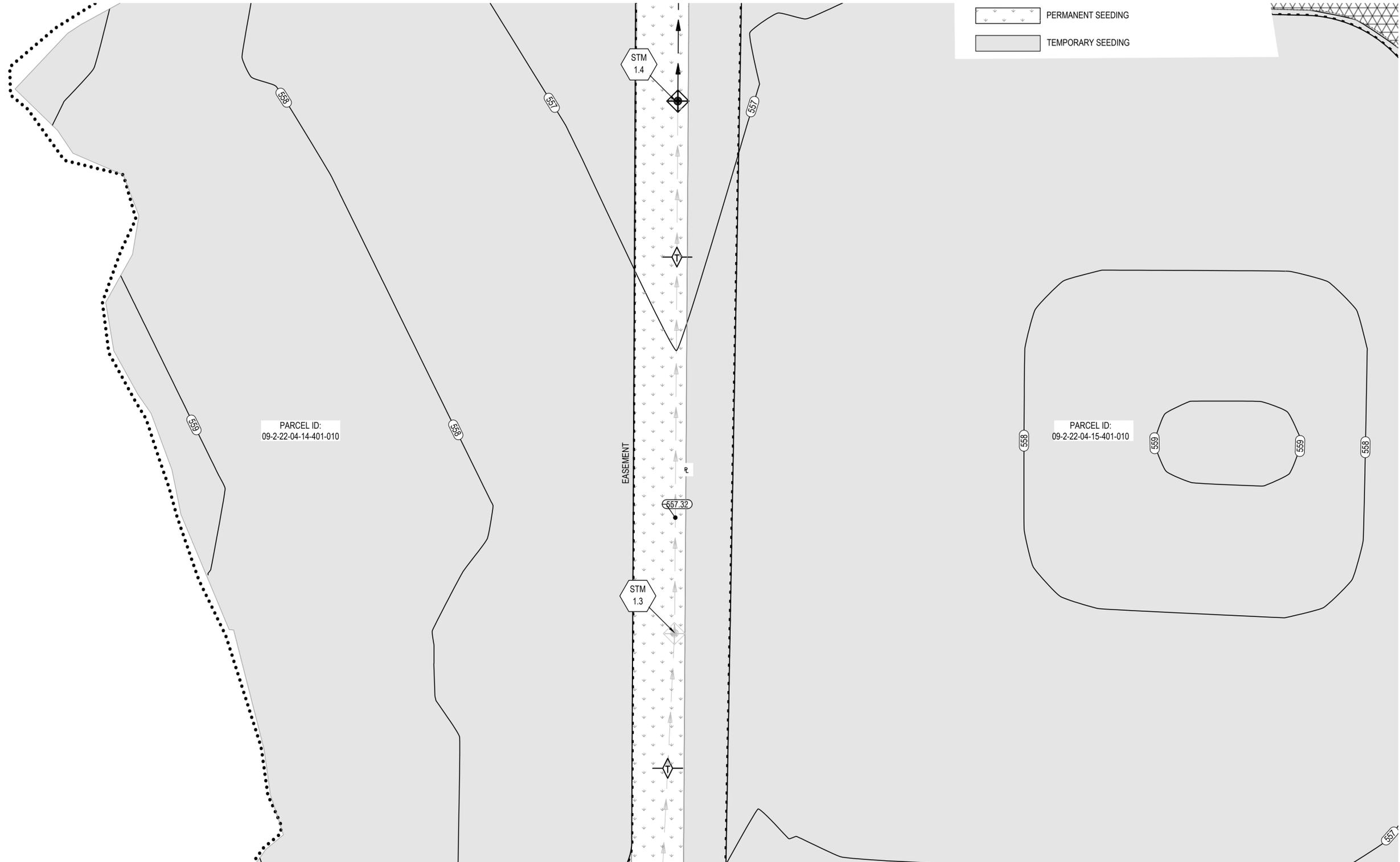
RANDON R. BECKMEYER
 LICENSED PROFESSIONAL ENGINEER
 STATE OF ILLINOIS
 EXP. 11/30/27

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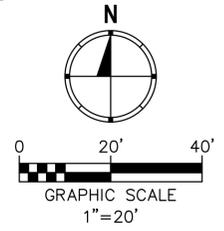
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EROSION CONTROL LEGEND

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-  TEMPORARY DITCH CHECKS
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-  PERMANENT SEEDING
-  TEMPORARY SEEDING



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EROSION CONTROL PLAN



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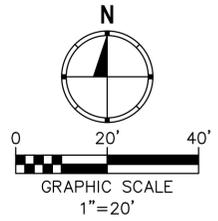
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EROSION CONTROL LEGEND

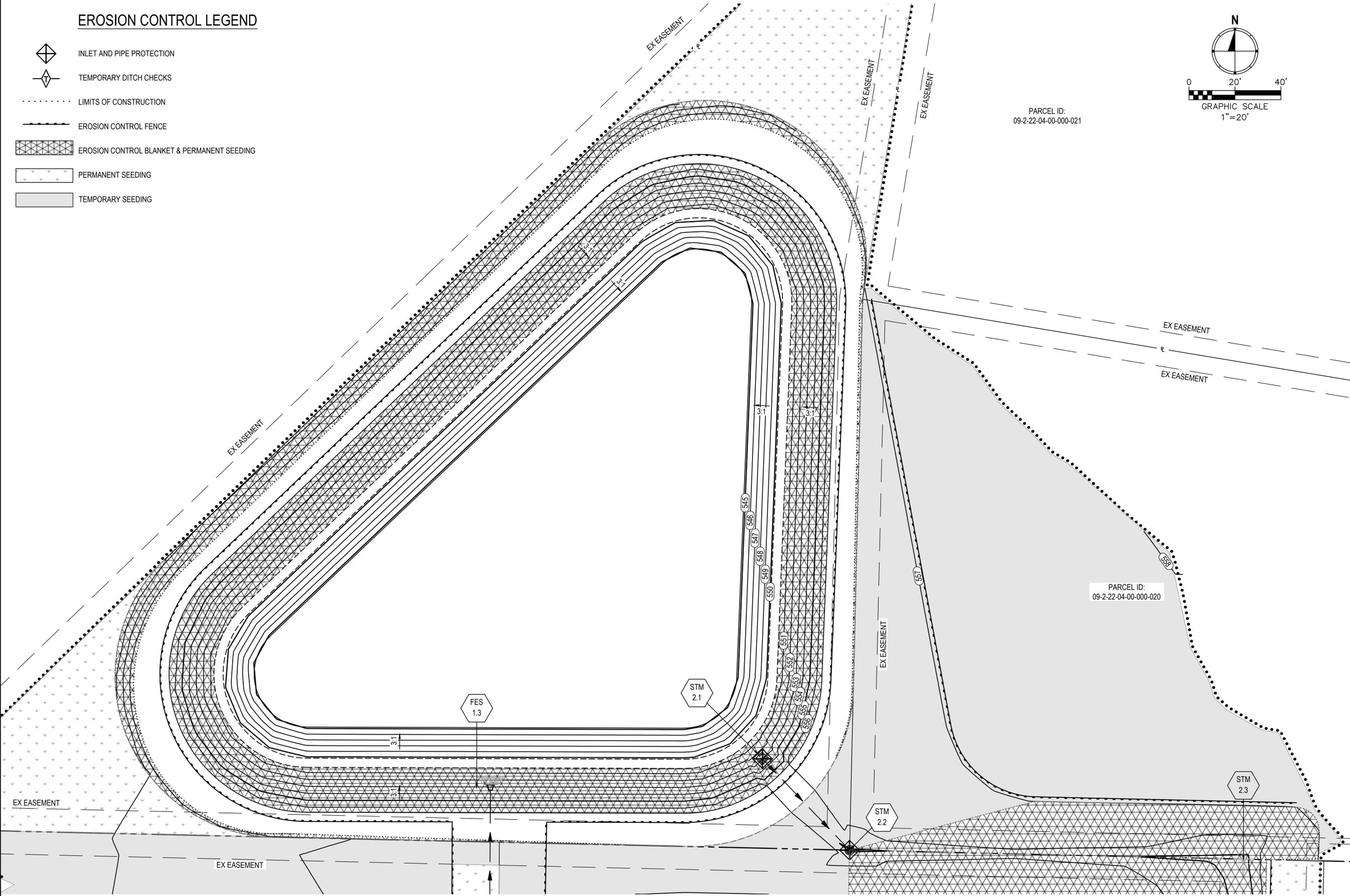
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-  TEMPORARY DITCH CHECKS
-  LIMITS OF CONSTRUCTION
-  EROSION CONTROL FENCE
-  EROSION CONTROL BLANKET & PERMANENT SEEDING
-  PERMANENT SEEDING
-  TEMPORARY SEEDING



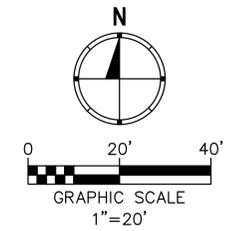
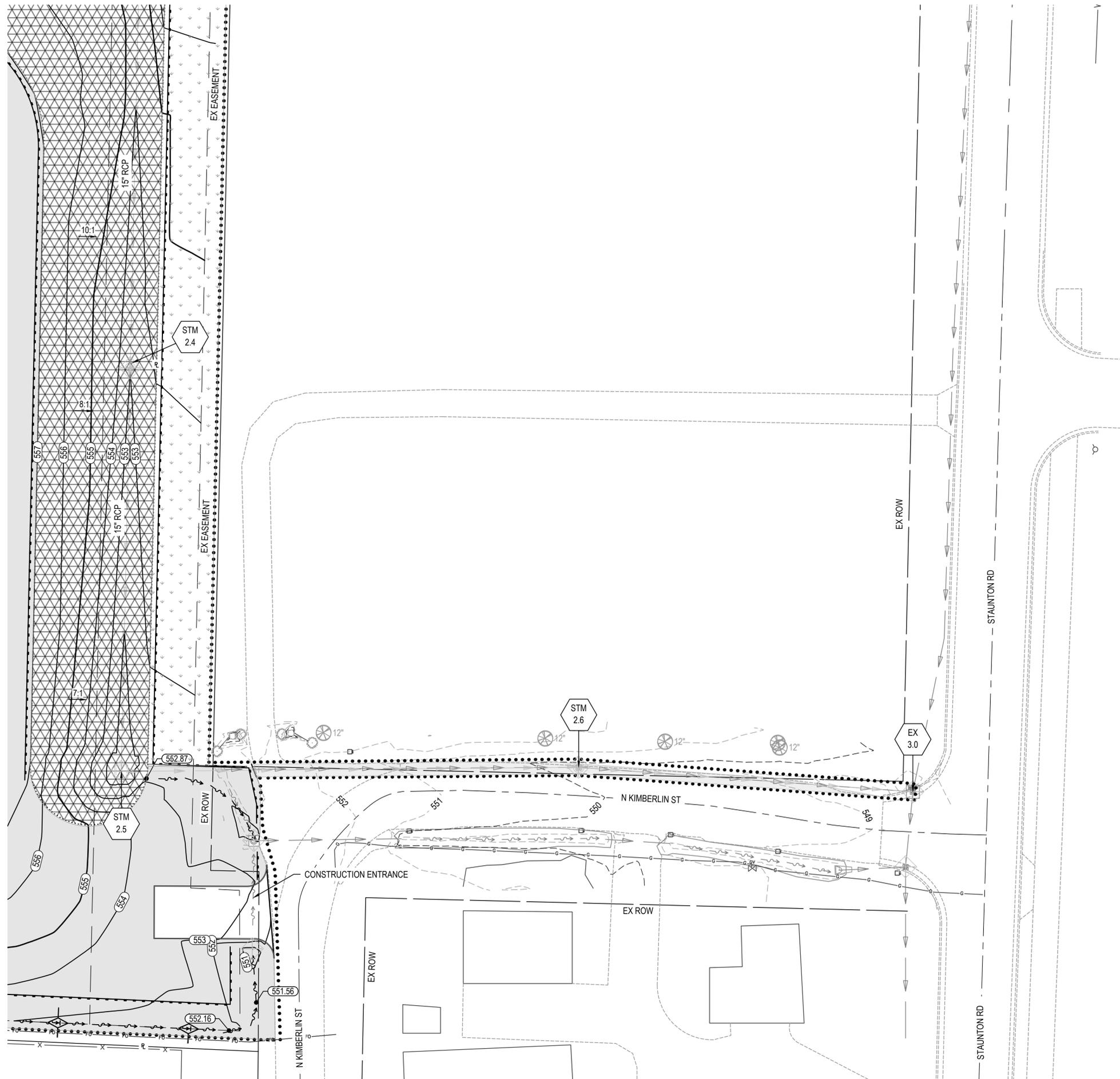
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-  PERMANENT SEEDING
-  TEMPORARY SEEDING



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EROSION CONTROL DETAILS**



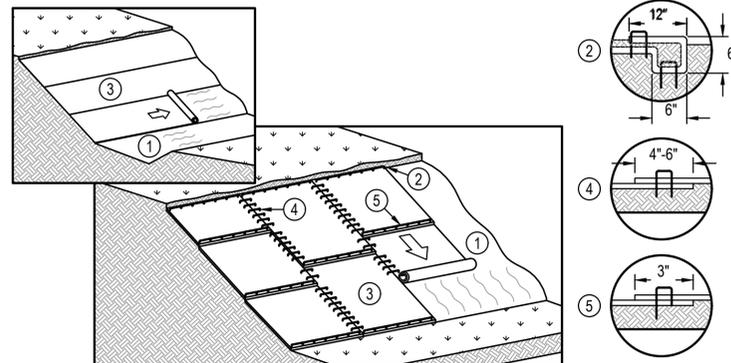
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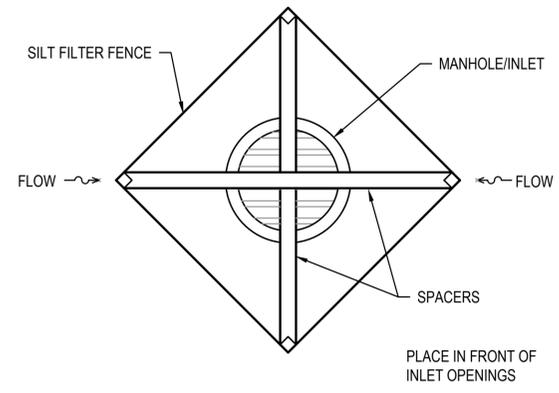


1. PREPARE FINISHED GRADE BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED ACCORDING TO THE SPECIFICATIONS.
2. ANCHOR THE BLANKET IN A 6" DEEP BY 6" WIDE TRENCH AT THE TOP OF THE SLOPE WITH A ROW OF LANDSCAPE STAPLES AT 12" SPACING IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. SEED THE SOIL AND FOLD THE REMAINING 12" LONG BLANKET REMNANT BACK OVER SEED AND TOP SOIL. ANCHOR THE BLANKET OVER COMPACTED TOP SOIL WITH A ROW OF LANDSCAPE STAPLES SPACED AT 12" SPACING ACROSS THE BLANKET AT THE TOP OF THE SLOPE.
3. ROLL THE BLANKETS DOWN (OPTION A) OR HORIZONTALLY (OPTION B) ACROSS THE SLOPE. UNROLL BLANKETS WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. SECURELY FASTEN BLANKETS TO SOIL BY PLACING LANDSCAPE STAPLES PER MANUFACTURER'S RECOMMENDATION.
4. STAPLE THE EDGES OF PARALLEL BLANKETS WITH A MINIMUM 6" OVERLAP OR PER MANUFACTURER'S RECOMMENDATIONS.
5. SPLICE BLANKETS END OVER END WITH A 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA AT 12" SPACING THE ACROSS ENTIRE BLANKET WIDTH OR PER MANUFACTURER'S SPECIFICATIONS.
6. TERMINAL ENDS SHALL BE ANCHORED WITH A ROW OF LANDSCAPE STAPLES SPACED 12" APART IN A 6" DEEP BY 6" WIDE TRENCH. BACKFILL, COMPACT, AND SEED THE TRENCH WITH TOPSOIL AFTER STAPLING.

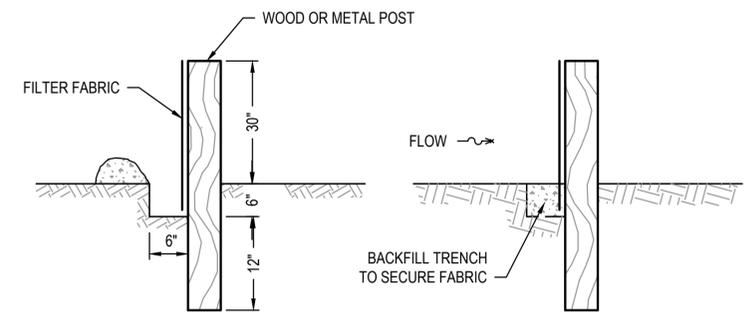
NOTES:

1. PLACE STAPLES/STAKES PER MANUFACTURER'S RECOMMENDATION FOR THE APPROPRIATE SLOPE BEING APPLIED.
2. IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.
3. FOLLOW SPECIFICATIONS FOR PRODUCT SELECTION.

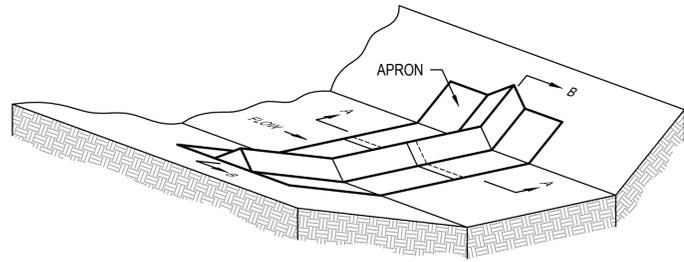
1 EROSION CONTROL BLANKETS FOR SLOPES
SCALE: NO SCALE



2 INLET PROTECTION
SCALE: NO SCALE



3 SILT FILTER FENCE AS A PERIMETER EROSION BARRIER
SCALE: NO SCALE

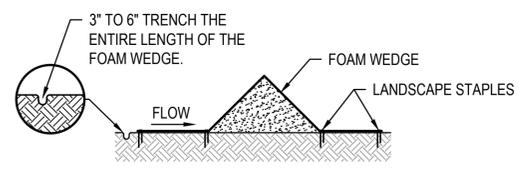


NOTE:
POINT 1 SHALL BE HIGHER THAN POINT 2 TO ALLOW WATER TO RUN OVER THE WEDGES AND NOT AROUND THE ENDS.

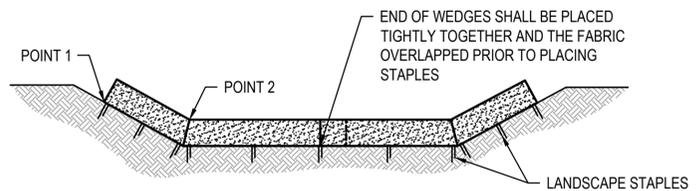
STAPLES SHALL BE PLACED WHERE THE UNITS OVERLAP AND IN THE CENTER OF THE UNIT AS SHOWN IN THE DETAIL.

IN THE SUMMARY OF QUANTITIES, SCHEDULES, OR PLANS, THE QUANTITY "EACH" REFERS TO EACH LOCATION. THE CONTRACTOR SHALL INSTALL THE NUMBER OF INDIVIDUAL FOAM WEDGES REQUIRED TO ENSURE THAT POINT 1 IS HIGHER THAN POINT 2

4 TEMPORARY DITCH CHECK
SCALE: NO SCALE



SECTION A-A



SECTION B-B



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CITY OF TROY, IL**
EROSION CONTROL DETAILS



EXP. 11/30/27

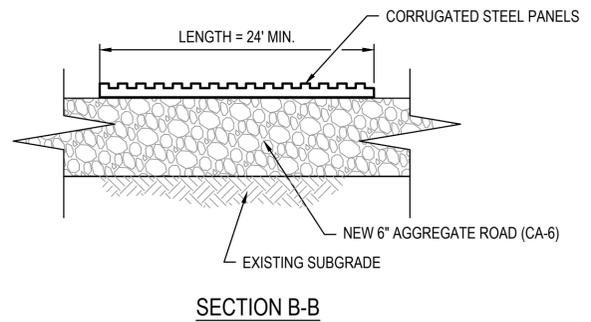
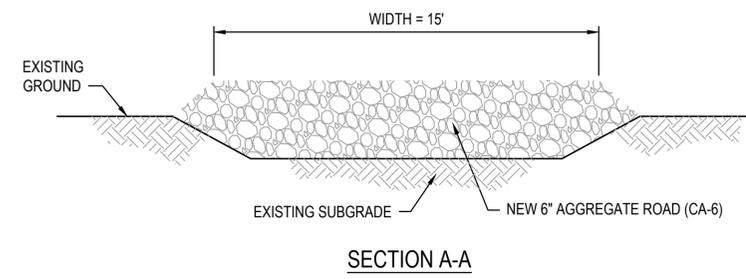
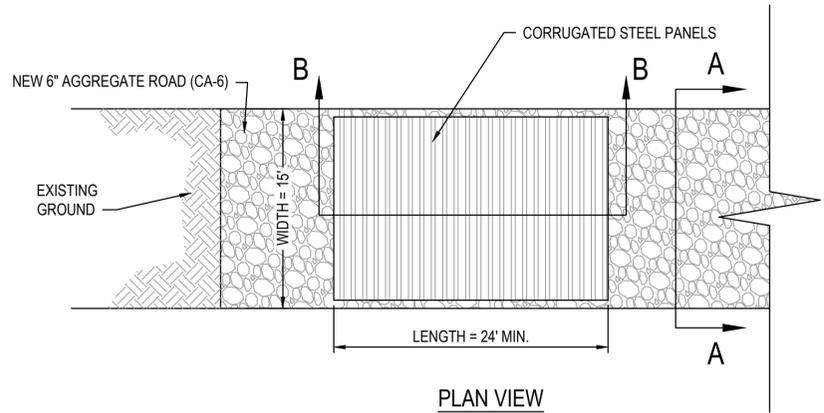
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DETAILS**

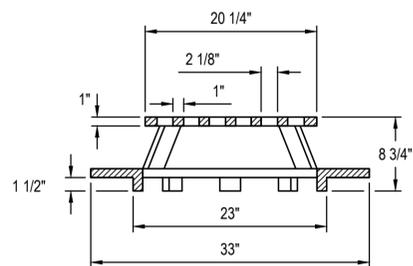
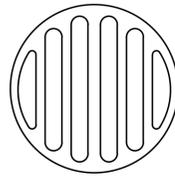
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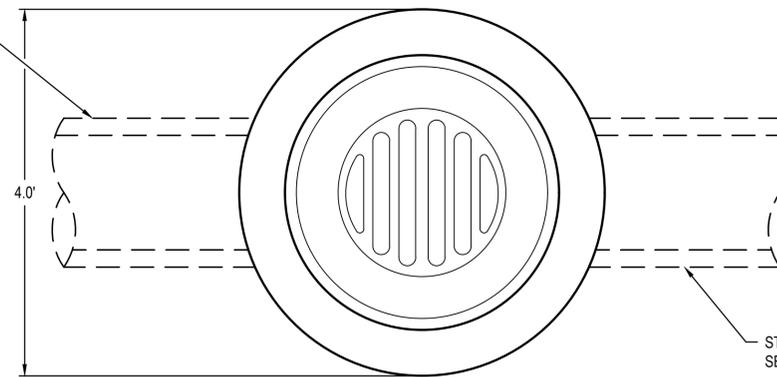


5 STABILIZED CONSTRUCTION ENTRANCE
SCALE: NO SCALE

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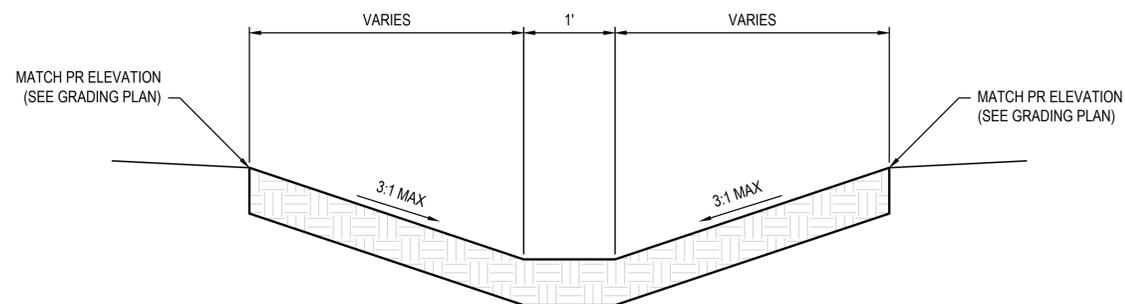


STORM SEWER AS REQUIRED
SEE PLANS FOR LOCATIONS AND ELEVATIONS

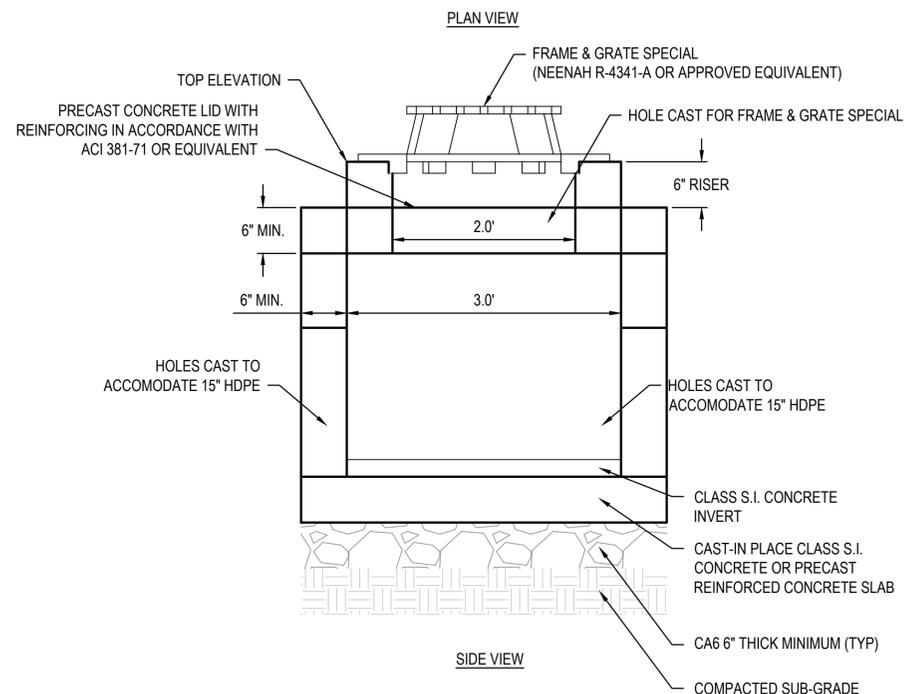


STORM SEWER AS REQUIRED
SEE PLANS FOR LOCATIONS AND ELEVATIONS

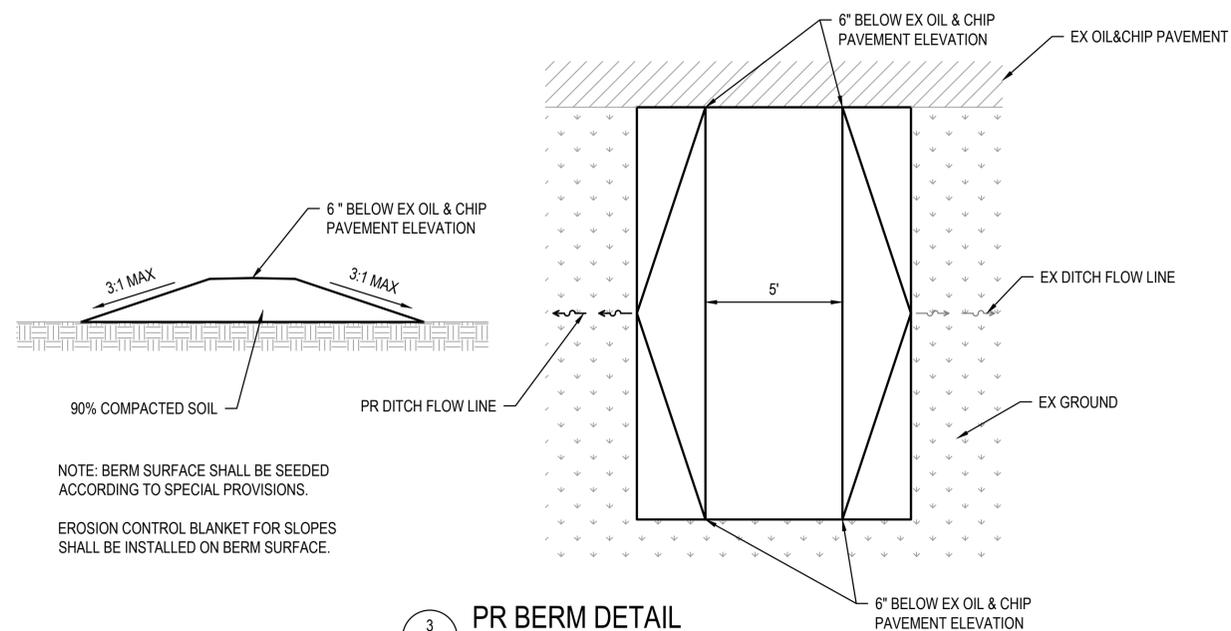
1 FRAME & GRATE SPECIAL (NEENAH R-4341-A OR APPROVED EQUIVALENT)
SCALE: NO SCALE



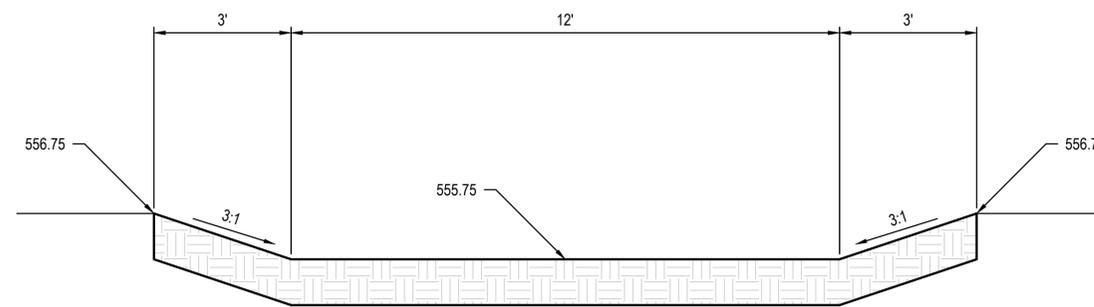
2 PR SWALE DETAIL
SCALE: NO SCALE



4 INLETS SPECIAL, NO. 1
SCALE: NO SCALE



3 PR BERM DETAIL
SCALE: NO SCALE



5 EMERGENCY OVERFLOW DETAIL
SCALE: NO SCALE

USE SECTION 660 FROM THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" FOR SPECIFICATION.

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CITY OF TROY, IL
SITE DETAILS



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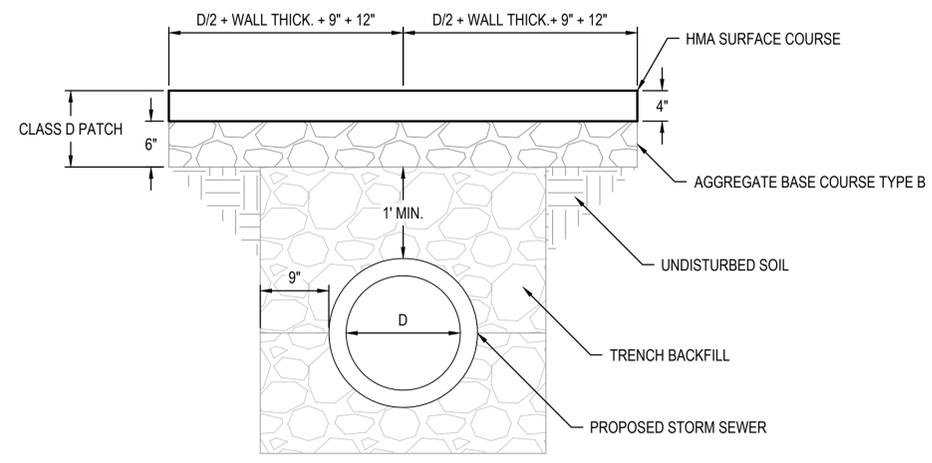
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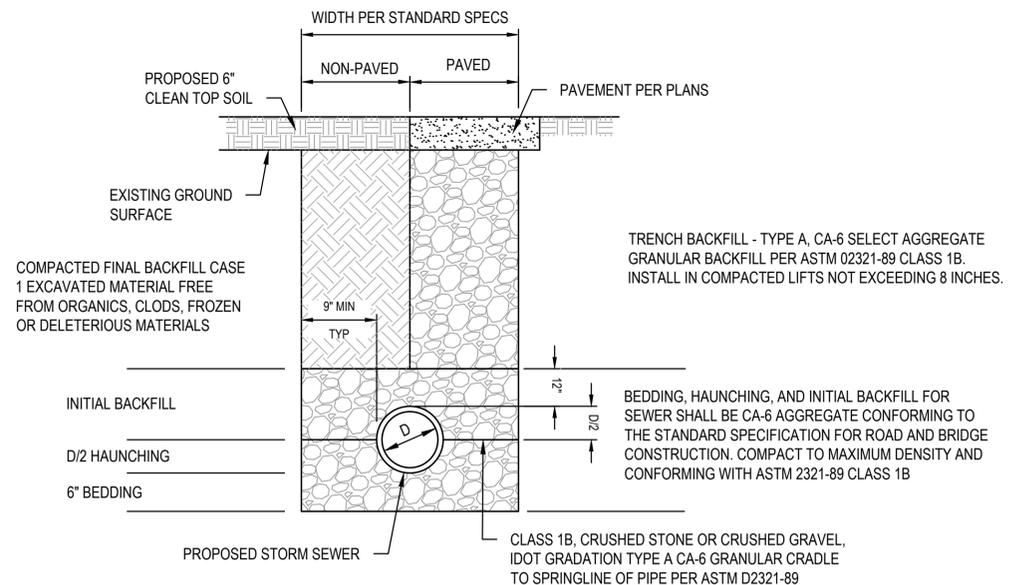
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CITY OF TROY, IL
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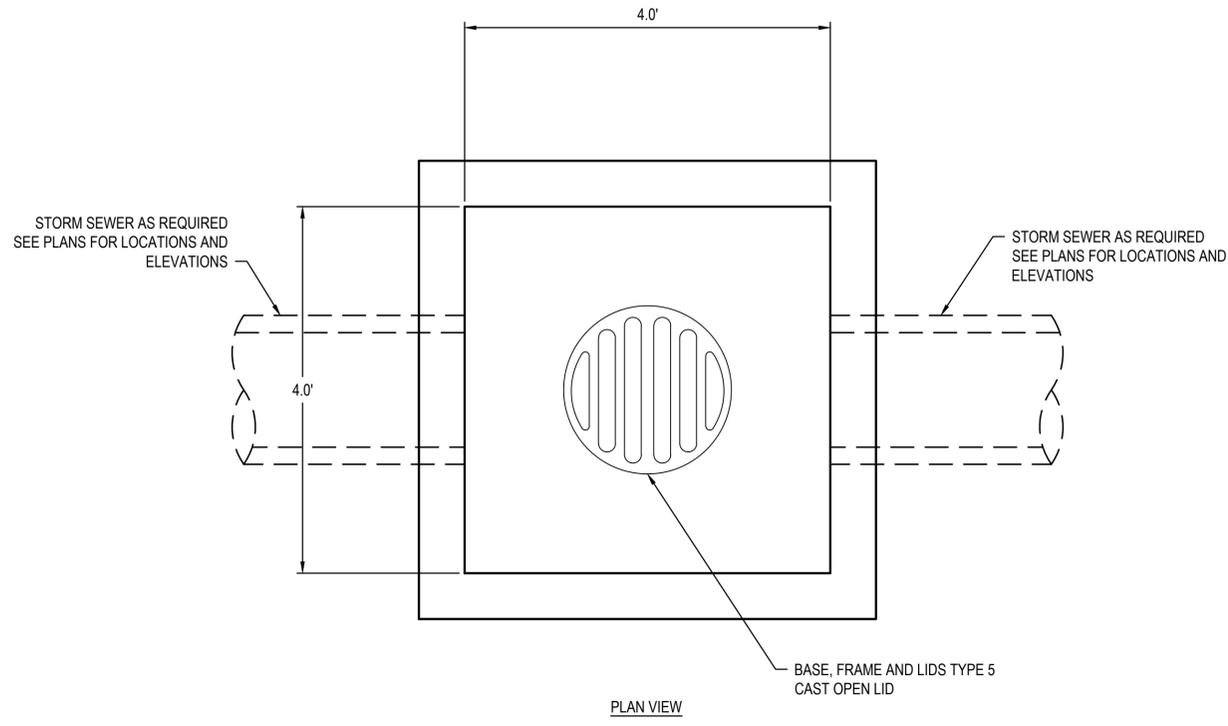
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PROJECT NO.: 225007.011
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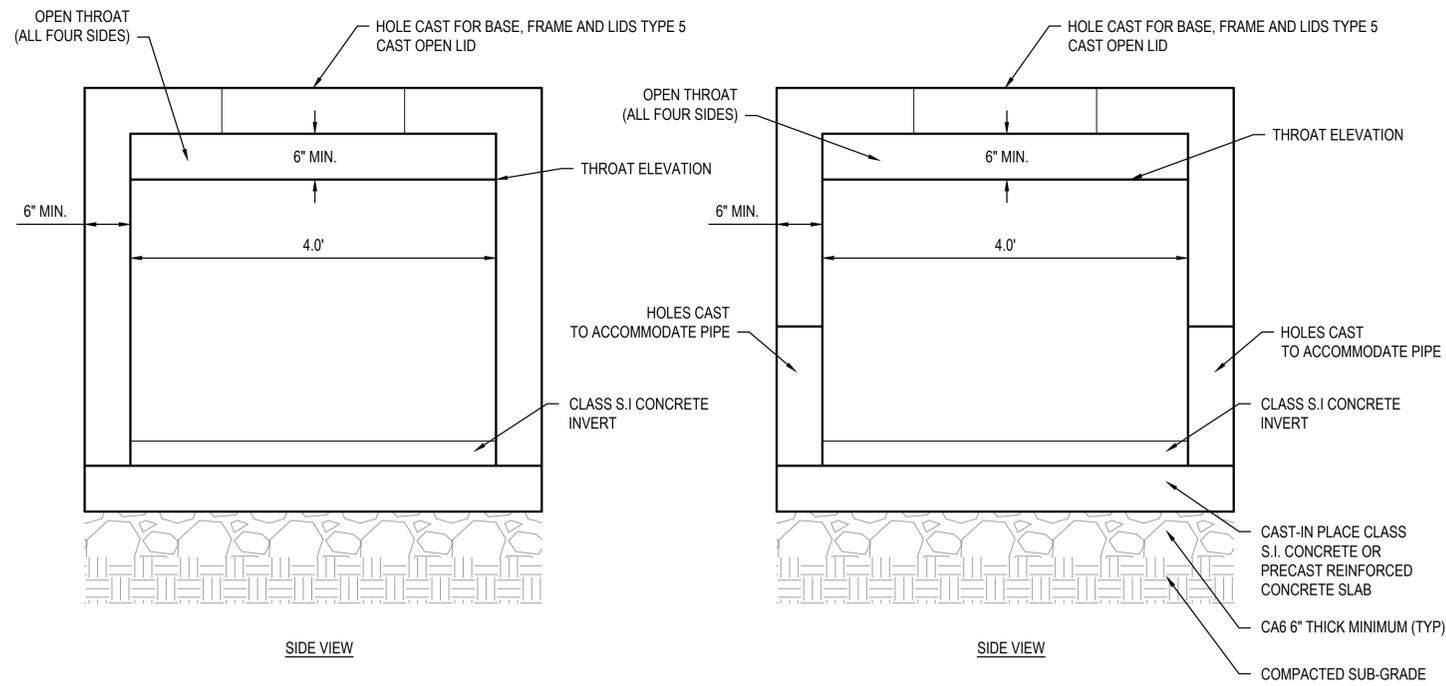
7 CLASS D PATCH (BY CITY)
SCALE: NO SCALE



8 STORM SEWER PIPE INSTALLATION
SCALE: NO SCALE



6 INLETS SPECIAL, NO. 2
SCALE: NO SCALE



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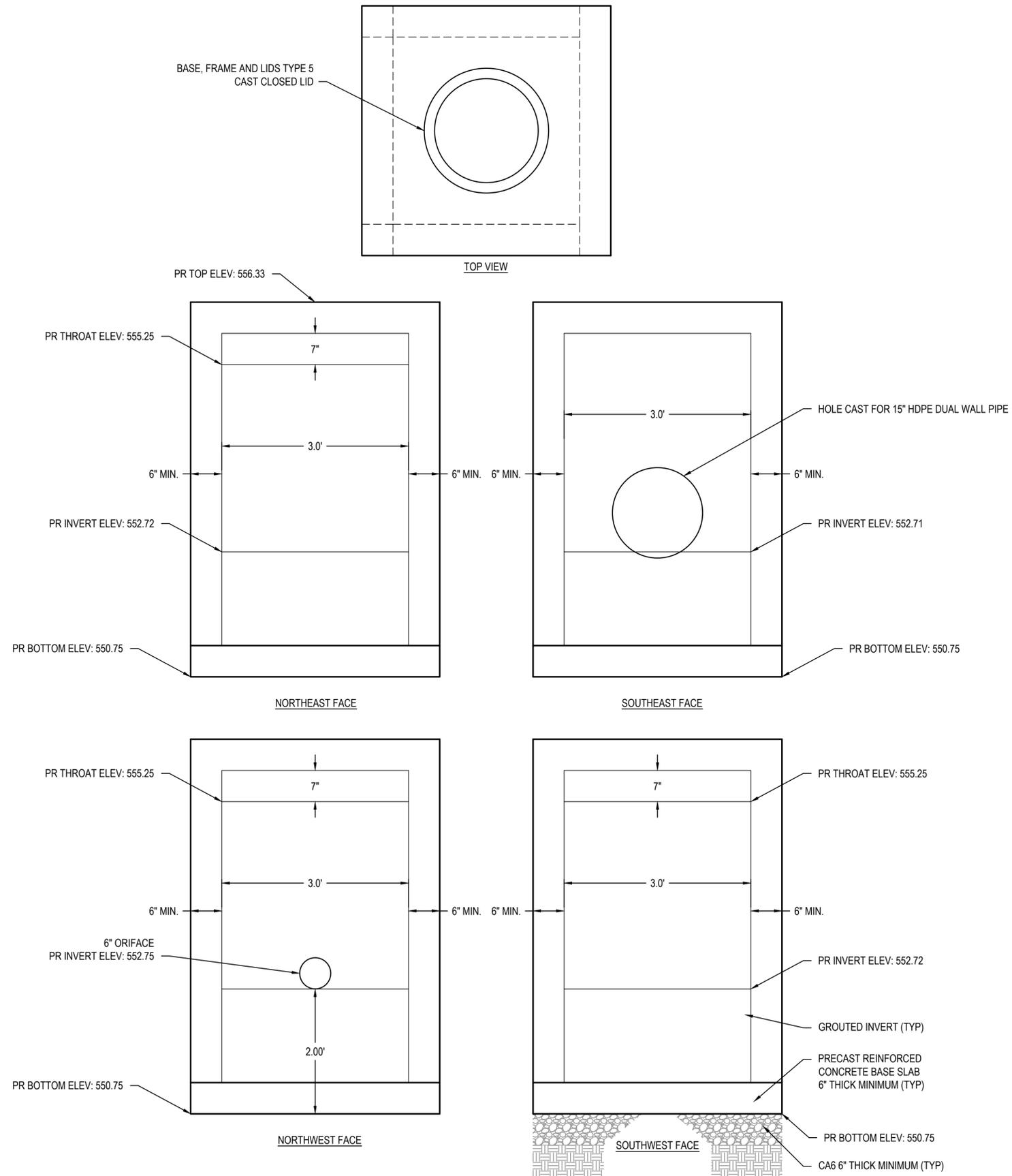
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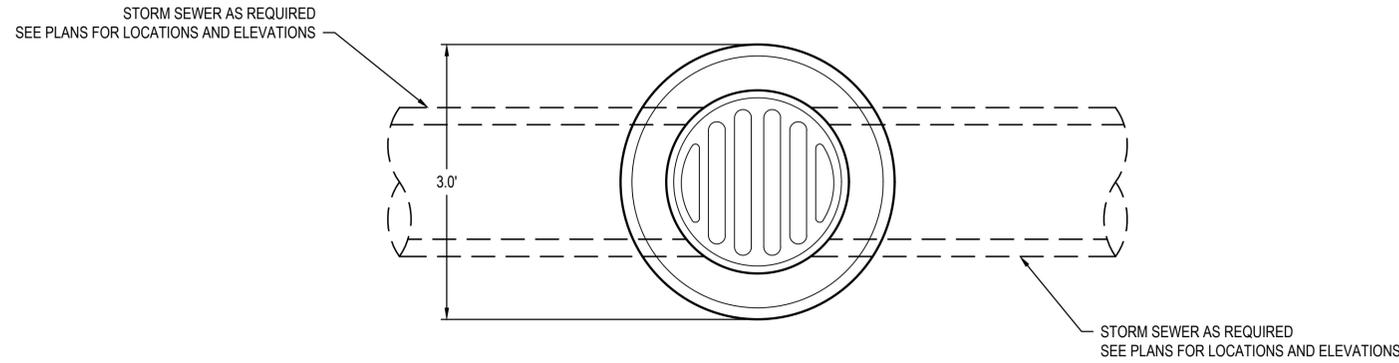
9 **INLETS SPECIAL, NO. 3**
SCALE: NO SCALE



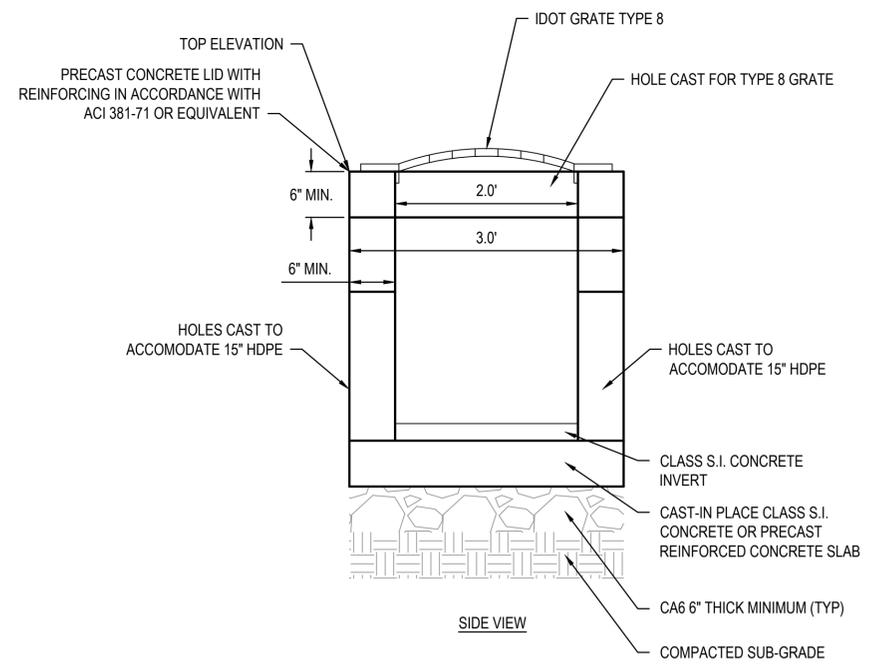
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PLAN VIEW



SIDE VIEW

10 **INLET TYPE A W/ TYPE 8 GRATE**
SCALE: NO SCALE

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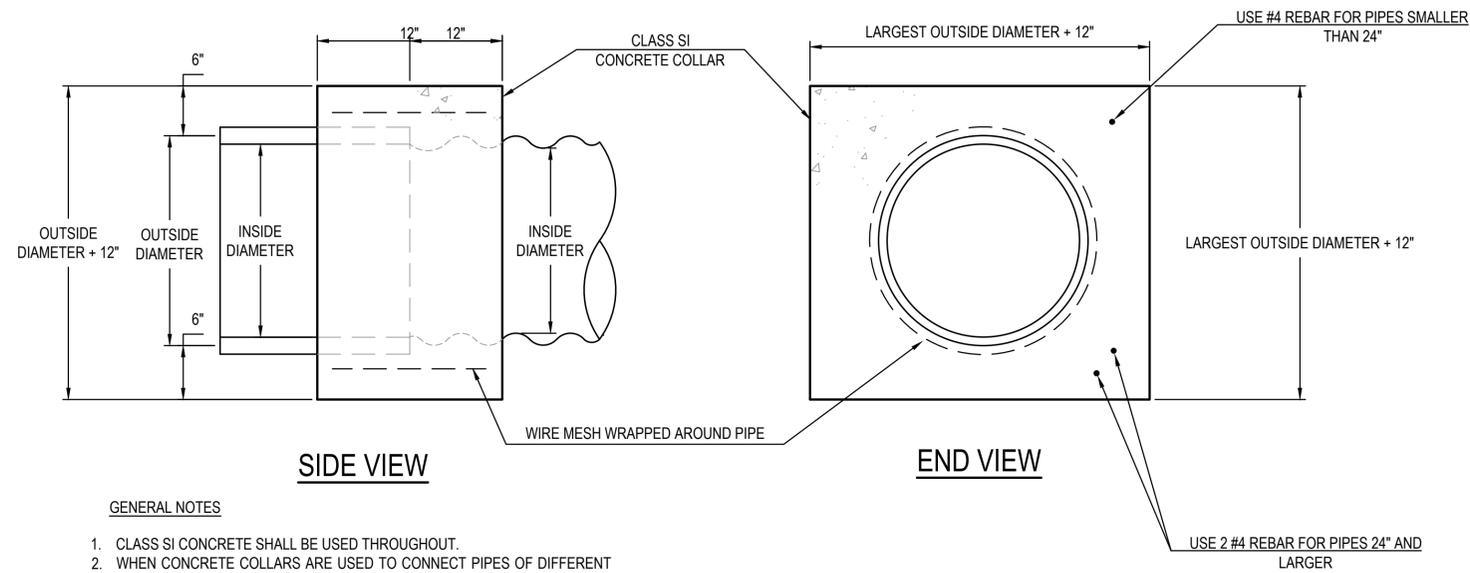
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INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH	CU. YD.
12"	0.30
15"	0.40
18"	0.45
24"	0.60
30"	0.80
36"	0.95
42"	1.25
48"	1.45
54"	1.70
60"	1.95
72"	2.50
84"	3.10
96"	3.80
108"	4.55

- GENERAL NOTES**
1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
 2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
 3. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT. (2.63 kg/m).
 4. WHEN CONCRETE COLLARS ARE CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE STRUCTURE (HEADWALLS, ETC.) REBAR, SHALL BE USED AND WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE PRICE OF THE CONCRETE COLLAR.
 5. CONCRETE COLLARS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE ITEM THAT IS BEING COLLARED. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
 6. TABLE ASSUMES RCP PIPE CONNECTED TO A CMP PIPE OF SAME INSIDE DIAMETER.

11 CONCRETE COLLAR DETAIL (BY CITY)
SCALE: NO SCALE

SUBMITTALS

ISSUE:	DATE:

**KIMBERLIN STREET
RETENTION POND
CITY OF TROY, IL
SITE DETAILS**



PROJECT NO.:
225007.011
DATE:
02/17/2026
DRAWING TITLE:
SITE DETAILS

DRAWING NO.:
C5.5
SHEET 5 OF 5
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