

SITE DEVELOPMENT PLANS FOR WU'S HOUSE RESTAURANT

LOT 2 OF BRADFORD COMMONS RESUBDIVISION OF LOTS 5 & 6 SUBDIVISION
CITY OF NAPERVILLE, DUPAGE COUNTY, ILLINOIS

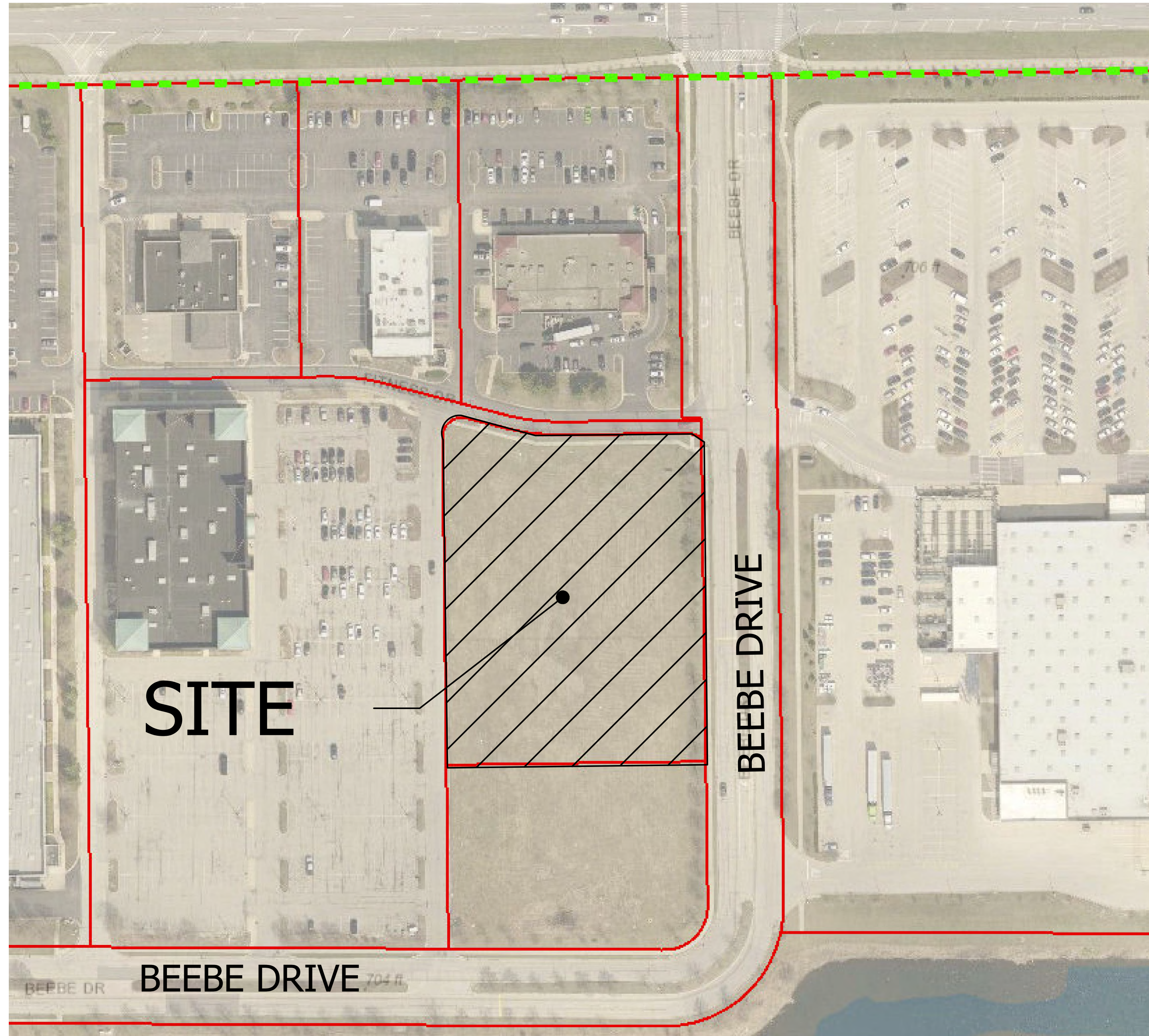
ARCHITECT:
ARCHITECTURAL STUDIOS, LTD
14421 Oakley Avenue
Orland Park, IL 60462
(708) 933-4200

ENGINEER & SURVEYOR:
ROGINA Engineers & Surveyors, LLC
1225 Channahon Road
Joliet, IL 60436
(815) 729-0777 phone
(815) 729-0782 fax

SHEET INDEX

1. COVER SHEET
2. EXISTING CONDITIONS SURVEY
3. DEMOLITION PLAN
4. PAVING & GEOMETRIC PLAN
5. VEHICLE TURNING PLAN
6. UTILITY PLAN
7. GRADING PLAN & STORMWATER POLLUTION PREVENTION PLAN
8. STORM WATER POLLUTION PREVENTION PLAN SPECIFICATIONS & DETAILS
9. GENERAL NOTES & SPECIFICATIONS
10. CONSTRUCTION DETAILS
11. CONSTRUCTION DETAILS
12. CONSTRUCTION DETAILS
13. CONSTRUCTION DETAILS

LEGEND	
PROPOSED	EXISTING
--- BOUNDARY LINE	--- BOUNDARY LINE
--- SECTION LINE	--- SECTION LINE
--- LOT LINE	--- LOT LINE
--- EASEMENT LINE	--- EASEMENT LINE
--- SETBACK LINE	--- SETBACK LINE
● OR ○ MANHOLE USE NOTED	○ OR ○ MANHOLE USE NOTED
● OR ■ CATCH BASIN	○ OR ■ CATCH BASIN
● OR ■ INLET	○ OR ■ INLET
⊕ FLARED END SECTION	⊕ FLARED END SECTION
⊕ WATER VALVE IN BOX	⊕ WATER VALVE IN BOX
⊕ WATER VALVE VAULT	⊕ WATER VALVE VAULT
⊕ FIRE HYDRANT	⊕ FIRE HYDRANT
⊕ SANITARY CLEAN OUT	⊕ SANITARY CLEAN OUT
⊕ GAS VALVE	⊕ GAS VALVE
⊕ TELEPHONE PEDISTAL	⊕ TELEPHONE PEDISTAL
⊕ ELECTRIC TRANSFORMER	⊕ ELECTRIC TRANSFORMER
⊕ STREET LIGHT	⊕ STREET LIGHT
⊕ PARKING LOT LIGHT	⊕ PARKING LOT LIGHT
⊕ SIGN	⊕ SIGN
⊕ DOUBLE SIGN	⊕ DOUBLE SIGN
--- STORM SEWER	--- STORM SEWER
--- UNDER DRAIN	--- UNDER DRAIN
--- SANITARY SEWER	--- SANITARY SEWER
--- SANITARY SERVICE	--- SANITARY SERVICE
--- WATER MAIN	--- WATER MAIN
--- GAS MAIN	--- GAS MAIN
--- ELECTRIC LINE	--- ELECTRIC LINE
--- TELEPHONE LINE	--- TELEPHONE LINE
--- CURB	--- CURB
--- CURB & GUTTER	--- CURB & GUTTER
--- DEPRESSED CURB	--- DEPRESSED CURB
--- SIDEWALK	--- SIDEWALK
644 1 FOOT CONTOURS	644 1 FOOT CONTOURS
+644.05 SPOT ELEVATION	+644.25 SPOT ELEVATION
⇨ OVERLAND FLOW	⇨ OVERLAND FLOW
⇨ SWALE OR DITCH	⇨ SWALE OR DITCH
○ TREE W/ TAG #	○ TREE W/ TAG #
○ SILT FENCE	○ SILT FENCE
○ INLET PROTECTION	○ INLET PROTECTION
/// TRENCH BACKFILL	/// TRENCH BACKFILL
DIP DUCTILE IRON PIPE	DIP DUCTILE IRON PIPE
RCP REINFORCED CONCRETE PIPE	RCP REINFORCED CONCRETE PIPE
FES FLARED END SECTION	FES FLARED END SECTION
TC TOP CURB	TC TOP CURB
BC BOTTOM CURB	BC BOTTOM CURB
FG FINISHED GRADE	FG FINISHED GRADE
FF FINISHED FLOOR	FF FINISHED FLOOR



SITE MAP
N.T.S.

BENCHMARKS

NAPERVILLE GPS BENCHMARK 24 - STAINLESS STEEL ROD IN SLEEVE LOCATED ON THE SOUTHWEST CORNER OF FARM ENTRANCE ON ROUTE 59 OPPOSITE COSTCO RIGHT-IN/RIGHT-OUT ELEV.=707.62 NAVD88

NAPERVILLE GPS BENCHMARK 230 - STAINLESS STEEL ROD IN SLEEVE LOCATED ON THE WEST SIDE OF WHITE EAGLE DRIVE ON ROUTE 59 APPROXIMATELY 189' SOUTH OF MONARCH CIRCLE ELEV.=700.82 NAVD88

SITE BENCHMARK #1 - PK NAIL IN PAVEMENT LOCATED APPROXIMATELY 20' SOUTH OF THE PROPOSED NORTHWEST ENTRANCE SOUTH OF FITNESS DRIVE ELEV.=705.50 NAVD88

SITE BENCHMARK #2 - CUT 'X' IN EX. TOP OF CURB LOCATED APPROXIMATELY 46.5' NORTH OF THE SOUTHWEST CORNER OF PROPERTY. ELEV.=705.78 NAVD88

NOTE:

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE CITY OF NAPERVILLE TED BUSINESS GROUP BY TELEPHONE AT (630)420-6100 AT LEAST TWO (2) WORKING DAYS IN ADVANCE BEFORE CONSTRUCTING ANY IMPROVEMENTS.

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DRAINAGE OF SURFACE WATERS WILL NOT BE CHANGED BY THE PROPOSED DEVELOPMENT. IF ANY DRAINAGE PATTERNS WILL BE CHANGED, REASONABLE PROVISIONS HAVE BEEN MADE FOR THE COLLECTION AND DIVERSION OF SUCH SURFACE WATERS IN TO THE PUBLIC AREA, OR DRAINS APPROVED FOR THE USE BY THE MUNICIPAL ENGINEER, AND THAT SUCH SURFACE WATERS ARE PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES SO AS TO REDUCE THE LIKELIHOOD OF DAMAGES TO ADJOINING PROPERTIES.

DATED THIS 7TH DAY OF NOVEMBER, 2022

MICHAEL R. ROGINA ILLINOIS PROFESSIONAL ENGINEER NO. 062-052132 LICENSE EXPIRES 11-30-23



DATED THIS 7TH DAY OF NOVEMBER, 2022

MICHAEL R. ROGINA ILLINOIS PROFESSIONAL ENGINEER NO. 062-052132 LICENSE EXPIRES 11-30-23



COMMONLY KNOWN AS:
VACANT
BEEBE DRIVE
NAPERVILLE, ILLINOIS 60564

7/21/2022

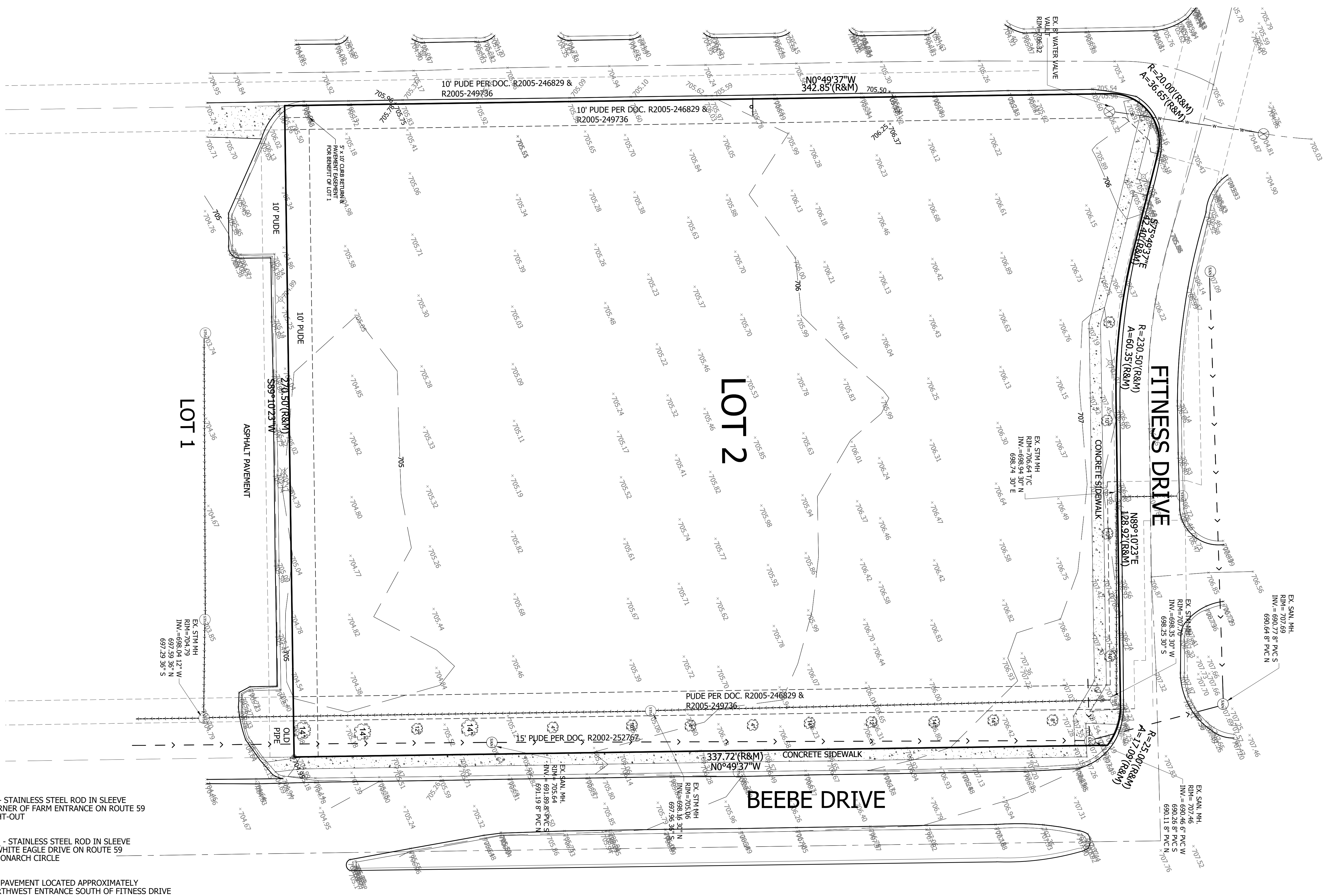
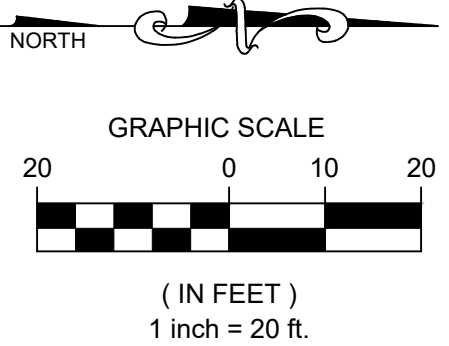
REV. NO. 3 PER CITY OF NAPERVILLE REVIEW 11/07/2022
REV. NO. 2 PER CITY OF NAPERVILLE REVIEW 10/07/2022
REV. NO. 1 PER CITY OF NAPERVILLE REVIEW 9/09/2022

R990.02

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811 Know what's below.
Call before you dig.
CALL TWO (2) BUSINESS DAYS BEFORE YOU DIG (EXCLUDING SAT., SUN. & HOL.)
CALL 811 or 1-800-892-0123

LOT 2 OF BRADFORD COMMONS RESUBDIVISION OF LOTS 5 & 6, BEING A SUBDIVISION OF PART OF THE SOUTHWEST QUARTER OF SECTION 27, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED SEPTEMBER 17, 2021 AS DOCUMENT No. R2021-139056, IN DUPAGE COUNTY, ILLINOIS.



BENCHMARKS

NAPERVILLE GPS BENCHMARK 24 - STAINLESS STEEL ROD IN SLEEVE LOCATED AT THE SOUTHWEST CORNER OF FARM ENTRANCE ON ROUTE 59 OPPOSITE COSTCO RIGHT-IN/RIGHT-OUT ELEV.=707.62 NAVD88

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COMMONLY KNOWN AS:

2703 BEEBE DRIVE
NAPERVILLE, ILLINOIS 60564

PIN 07-27-300-031

REVISIONS	
1	6
2	7
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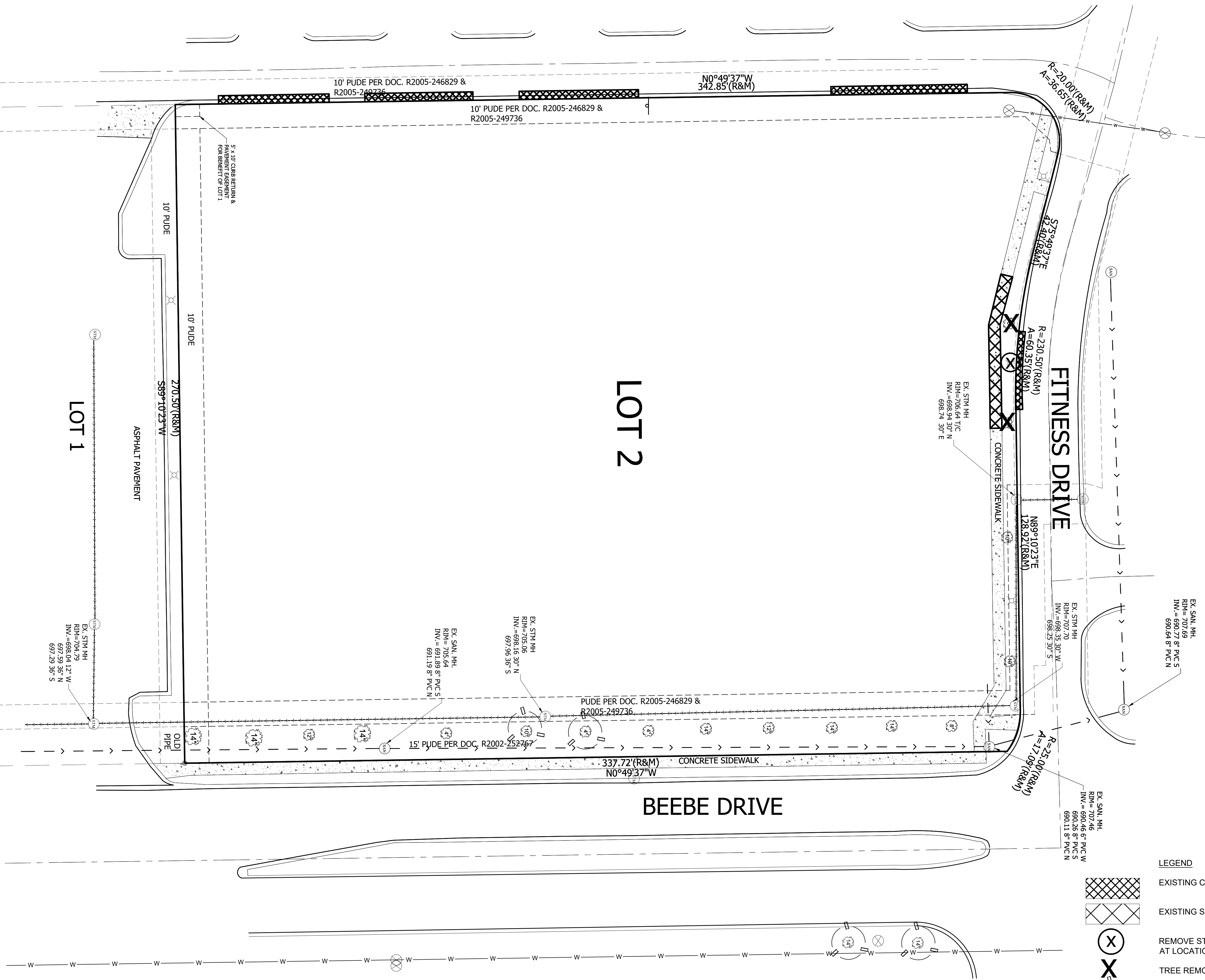
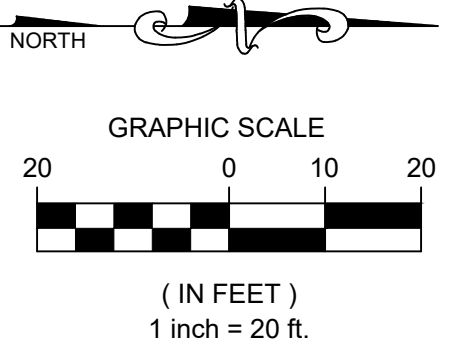
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LOTS 5 & 6 SUBDIVISION
CITY OF NAPERVILLE, DUPAGE COUNTY, ILLINOIS

PROJECT NO: R990.02	DESIGNED BY: MRR
DATE: 7/21/2022	DRAWN BY: CRR
SCALE: 1"=20'	CHECKED BY: MRR

**EXISTING CONDITIONS
SURVEY**

SHEET NO. 2 of 16

Y:\1000\BPM\BPM001\BPM002 Development Plans - 4th Plat\Date Monday, November 07, 2022 - Layout: EXISTING CONDITIONS



LEGEND

	EXISTING C&G TO BE REMOVED & REPLACED WITH DEPRESSED C & G
	EXISTING SIDEWALK TO BE REMOVED
	REMOVE STREETLIGHT & FOUNDATION & RECONSTRUCT STREETLIGHT AT LOCATION NOTED
	TREE REMOVAL
	TREE PROTECTION FENCING

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1	REVISED PER CITY OF NAPERVILLE REVIEW 9/09/2022
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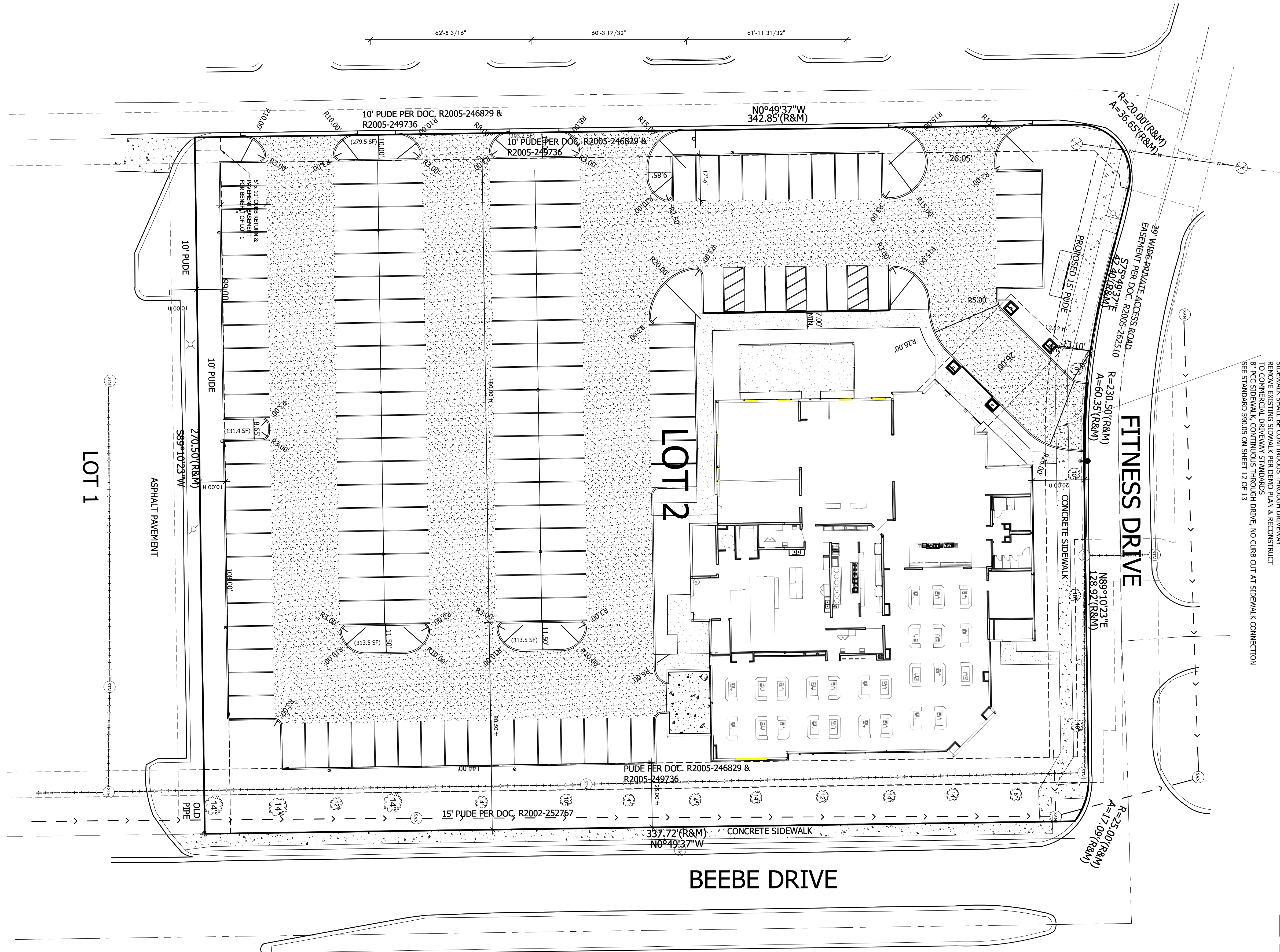
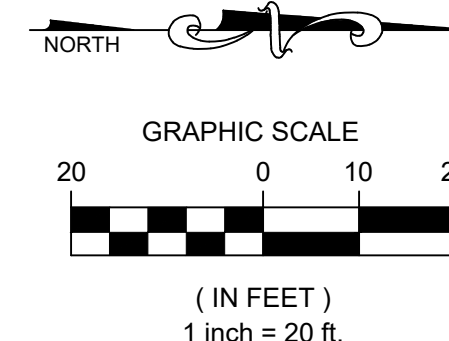
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SCALE: 1"=20'	CHECKED BY: MRR

DEMOLITION PLAN

SHEET NO.
3 of **13**



SIDEWALK SHALL BE CONTINUOUS THROUGH DRIVEWAY
 REMOVE EXISTING SIDEWALK PER DEMO PLAN & RECONSTRUCT
 TO COMMERCIAL DRIVEWAY STANDARDS
 8" P.C.C. SIDEWALK, CONTINUOUS THROUGH DRIVE, NO CURB CUT AT SIDEWALK CONNECTION
 SEE STANDARD 590.05 ON SHEET 12 OF 13

LEGEND

- NEW PAVEMENT - HEAVY DUTY PAVEMENT CROSS-SECTION - SEE SHEET 12 OF 13
- NEW PAVEMENT - STANDARD DUTY PAVEMENT CROSS SECTION - SEE SHEET 12 OF 13
- NEW SIDEWALK - SEE DETAIL SHEET 12 OF 13
- NEW TRASH ENCLOSURE PAD - 8" P.C.C. SLAB OVER 5" CA-6 COMPACTED BASE
- SIDEWALK DETECTABLE WARNING PLATES
- CURB
- CURB & GUTTER
- DEPRESSED CURB
- LANDSCAPE ISLAND AREA (XXX.XX SF)
- ALL DIMENSIONS ARE MEASURED TO EDGE OF PAVEMENT

REVISIONS	
1	REVISED PER CITY OF NAPERVILLE REVIEW 9/09/2022
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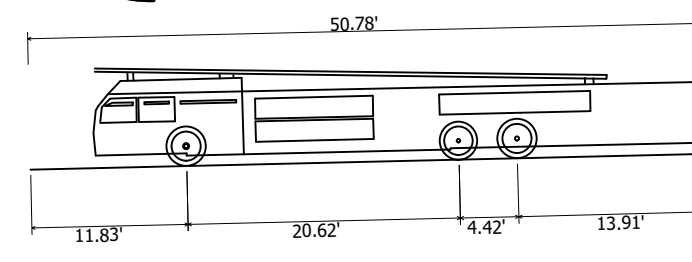
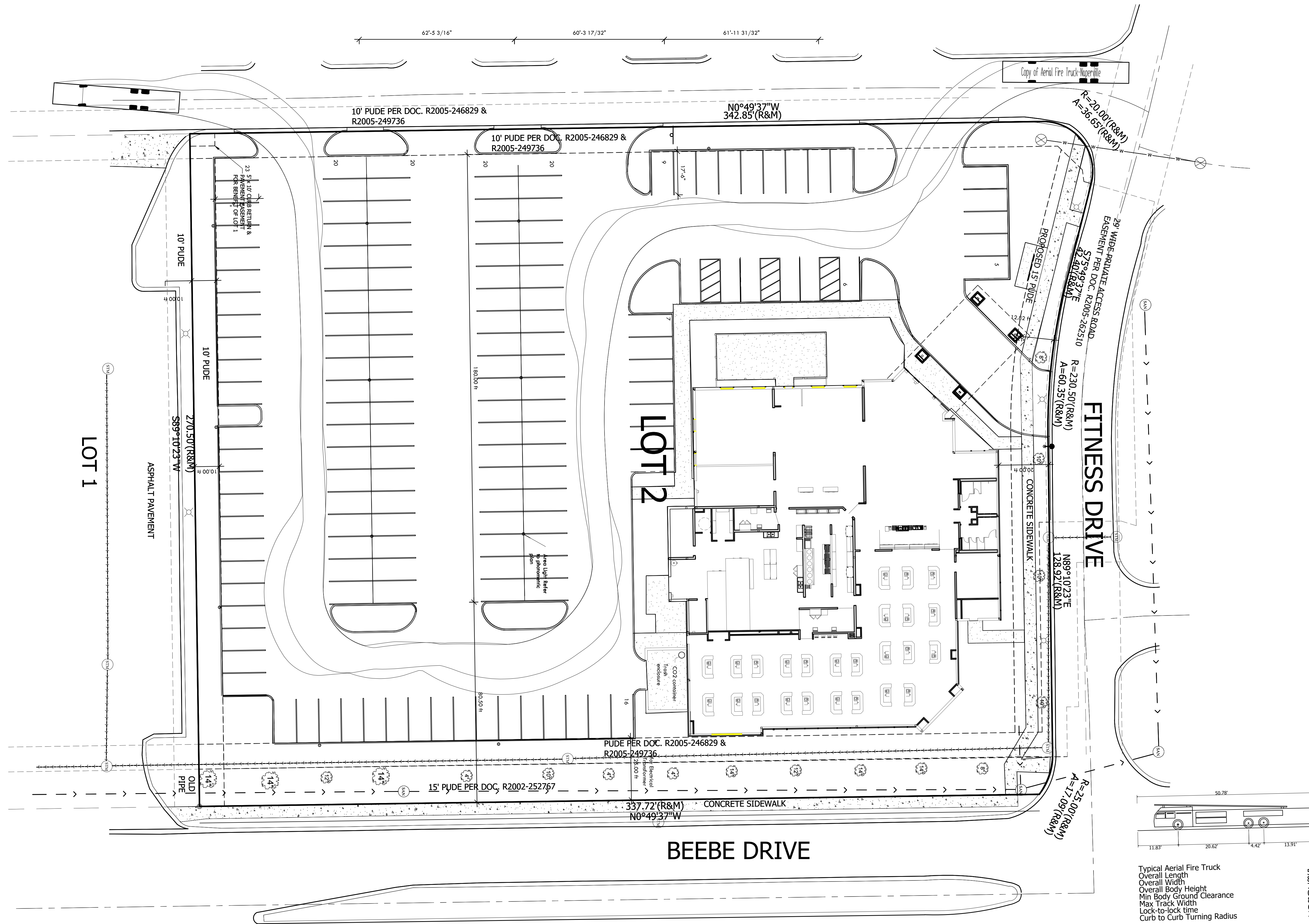
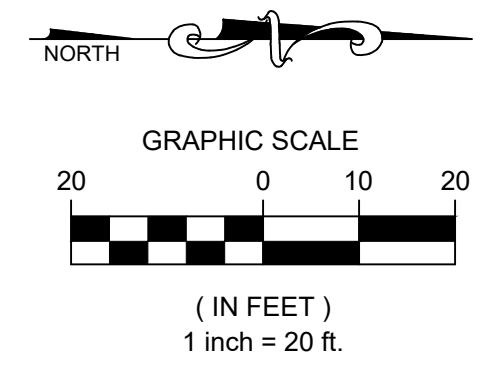
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PAVING & GEOMETRIC PLAN



Typical Aerial Fire Truck
 Overall Length 50.78ft
 Overall Width 7.534ft
 Overall Body Height 0.784ft
 Min Body Ground Clearance 8.460ft
 Max Track Width 8.00s
 Lock-to-lock time 6.00s
 Curb to Curb Turning Radius 31.0 ft

Y:\2022\20220909\20220909 Development Plans - Site Plan\Monday, November 07, 2022 - Layout_VEHICLE TURNING

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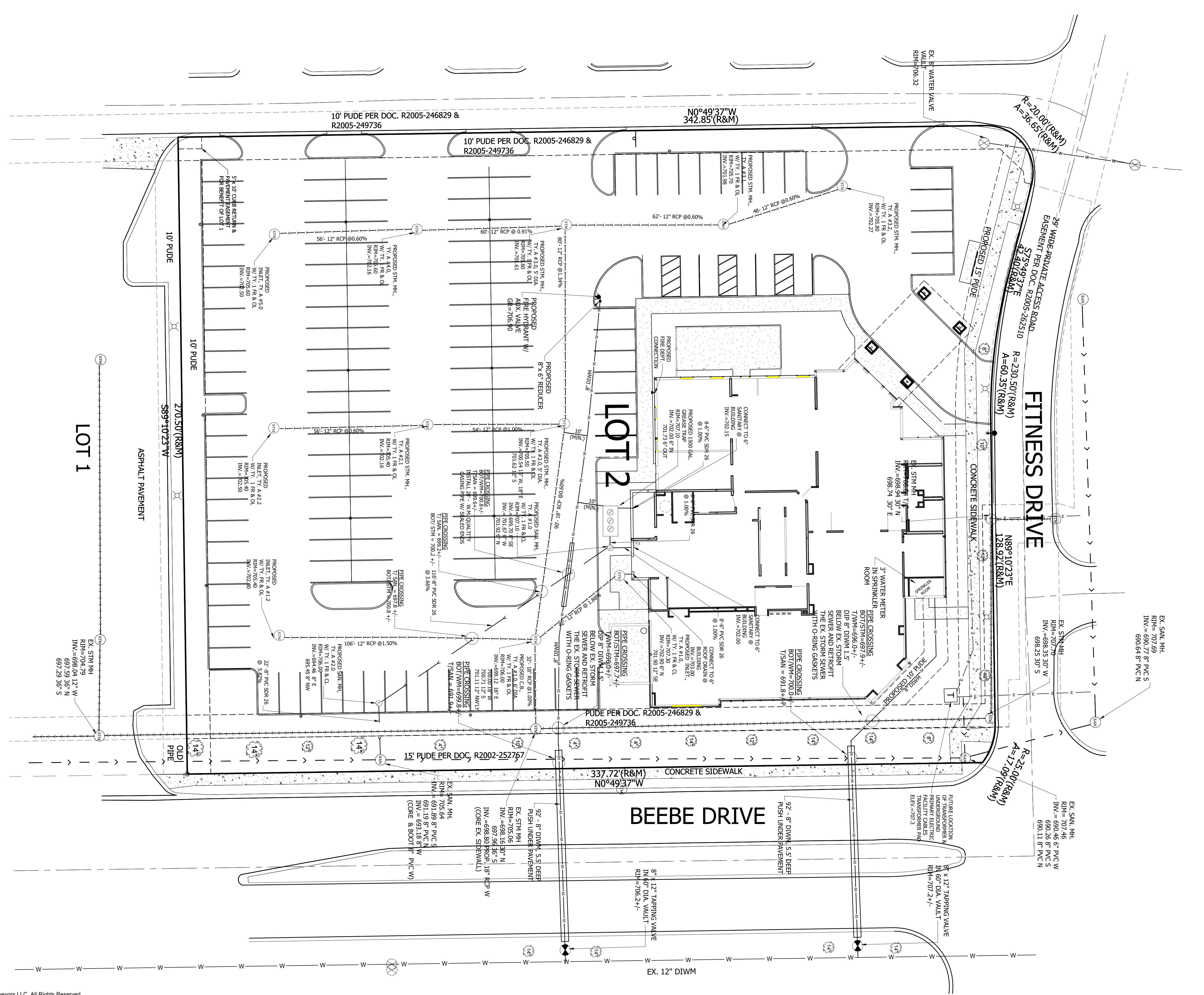
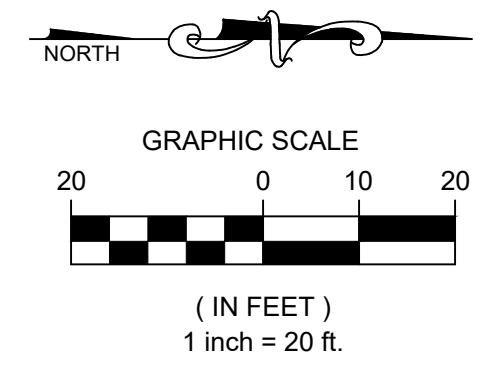
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SCALE: 1"=20'	CHECKED BY: MRR

VEHICLE TURNING PLAN



LEGEND

- STORM SEWER
- UNDER DRAIN
- SANITARY SEWER
- SANITARY SERVICE
- WATER MAIN
- CURB
- CURB & GUTTER
- DEPRESSED CURB
- PROPOSED PARKING LOT LIGHT

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REVISIONS		
1	REVISE PER CITY OF NAPERVILLE REVIEW	9/09/2022
2	REVISE PER CITY OF NAPERVILLE REVIEW	10/7/2022
3	REVISE PER CITY OF NAPERVILLE REVIEW	11/7/2022
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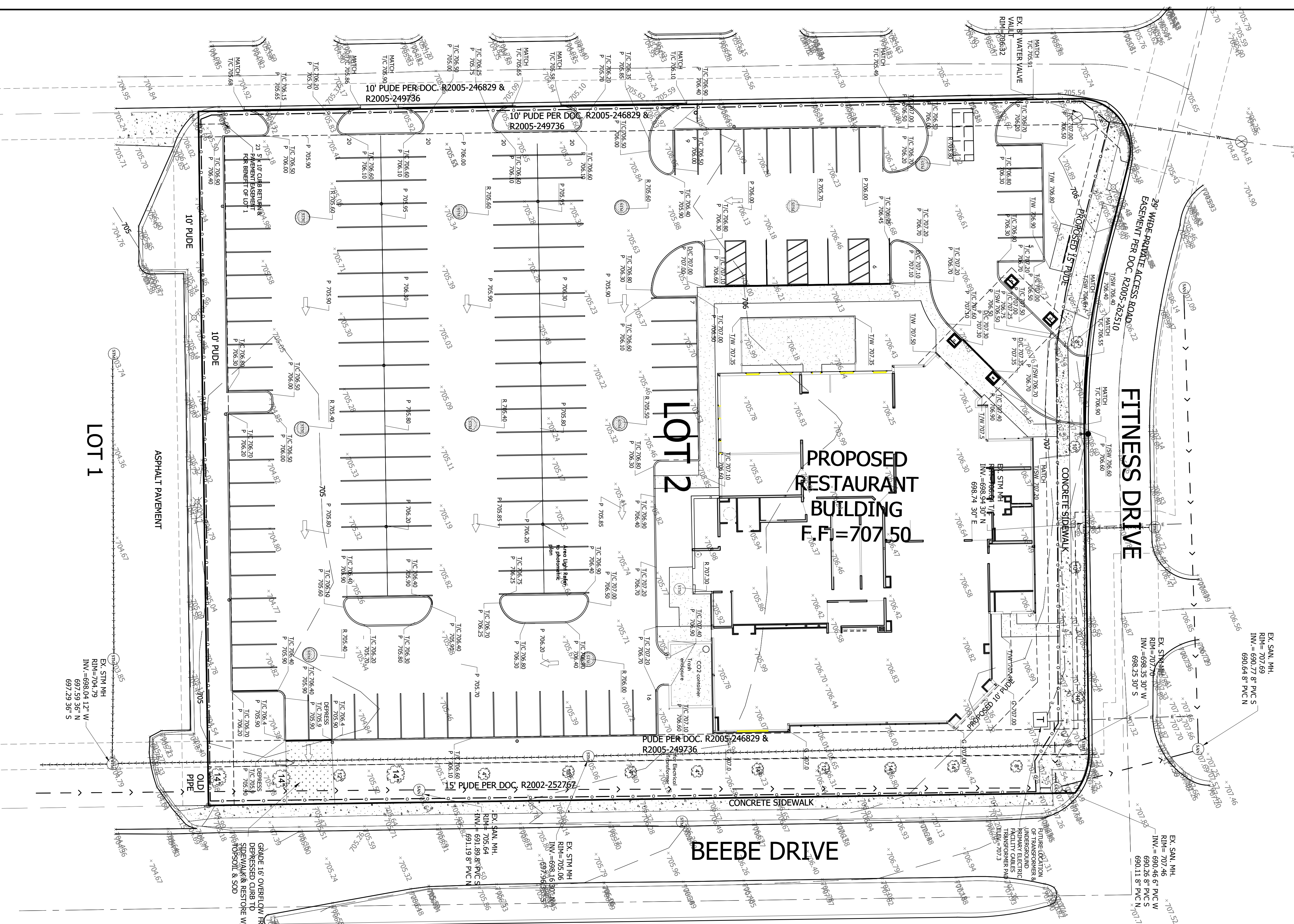
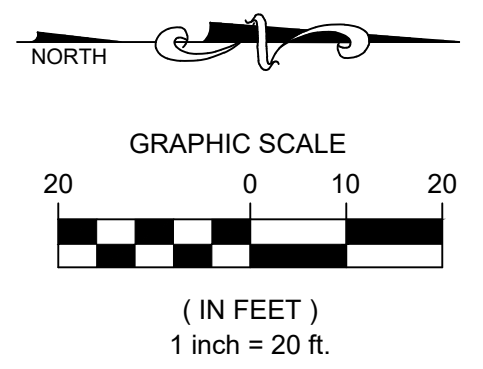
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MRR

DRAWN BY:
CRR

CHECKED BY:
MRR

UTILITY PLAN

SHEET NO.
6 OF 13



LEGEND	
XXXX	PROPOSED ELEVATION
XXXX	EXISTING ELEVATION
T/F	TOP OF RETAINING WALL
T/F	TOP OF FOUNDATION
T/C	TOP OF CURB
+644.05	1 FOOT CONTOURS
644.05	SPOT ELEVATION
→	OVERLAND FLOW
→	FLOW DIRECTION
—	CURB
[Grid Pattern]	TEMPORARY CONSTRUCTION ENTRANCE
[Line with Dashed Center]	CURB & GUTTER
[Line with Dashed Center]	DEPRESSED CURB
[Circle]	SILT FENCE
[Circle]	INLET PROTECTION
[Star Pattern]	SEED & MULCH
[Box with 'CW']	TEMPORARY CONCRETE WASHOUT

BENCHMARKS

NAPERVILLE GPS BENCHMARK 24 - STAINLESS STEEL ROD IN SLEEVE LOCATED AT THE SOUTHWEST CORNER OF FARM ENTRANCE ON ROUTE 59 OPPOSITE COSTCO RIGHT-IN/RIGHT-OUT
ELEV.=707.62 NAVD88

NAPERVILLE GPS BENCHMARK 230 - STAINLESS STEEL ROD IN SLEEVE LOCATED ON THE WEST SIDE OF WHITE EAGLE DRIVE ON ROUTE 59 APPROXIMATELY 189' SOUTH OF MONARCH CIRCLE
ELEV.=700.82 NAVD88

SITE BENCHMARK #1 - PK NAIL IN PAVEMENT LOCATED APPROXIMATELY 22.5' SOUTH OF THE SOUTHWEST CORNER OF LOT 33 IN PLANK TRAIL INDUSTRIAL CENTER
ELEV.=731.13 NAVD88

REVISIONS		
1	REVISE PER CITY OF NAPERVILLE REVIEW	9/09/2022
2	REVISE PER CITY OF NAPERVILLE REVIEW	10/7/2022
3		
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CHECKED BY: MRR

GRADING & STORM WATER POLLUTION PREVENTION PLAN

SHEET NO. 7 of 13

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 F.B. PAGE

SOIL EROSION CONTROL SPECIFICATIONS:

- EROSION CONTROL MEASURES AS INDICATED IN THE EROSION CONTROL PLAN, AND AS DIRECTED BY THE ENGINEER SHALL BE INSTALLED ON THE PROJECT SITE PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODING CONDITIONS. EROSION CONTROL DEVICES SHALL BE IN PLACE AND APPROVED BY THE ENGINEER AS TO PROPER PLACEMENT AND INSTALLATION PRIOR TO BEGINNING OTHER WORK. EROSION CONTROL PROTECTION SHALL BE INSTALLED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES. THE ILLINOIS URBAN SOIL AND SEDIMENTATION CONTROL MANUAL SHOULD SHOW PRECEDENCE.
- PRIOR TO COMMENCEMENT OF GRADING ACTIVITIES, THE SOIL EROSION CONTROL FENCING AND THE STABILIZED CONSTRUCTION ENTRANCE AS INDICATED HEREON SHALL BE INSTALLED TO PROTECT SURROUNDING PROPERTIES.
- QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT BEEN FINALLY STABILIZED. STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES AND EQUIPMENT ENTER AND EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT THAT IS 0.5 INCHES OR GREATER OF RAINFALL OR EQUIVALENT SNOWFALL.
- THE PROPOSED STORM WATER DETENTION AREA IS THE MAJOR AREA OF INUNDATION WITHIN THE SITE AND SHALL BE GRADED IN SUCH A MANNER THAT IT WILL FUNCTION AS A SEDIMENTATION BASIN DURING THE SITE GRADING OPERATIONS.
- STREETS ADJACENT TO THE SITE SHALL BE KEPT FREE OF DIRT, MUD AND DEBRIS.
- NO SEDIMENT SHALL BE ALLOWED TO ENTER THE STORM SEWER SYSTEM.
- IN ACCORDANCE WITH THESE CONSTRUCTION PLANS, TEMPORARY STAKED HAY OR STRAW BALES SHALL BE INSTALLED AND MAINTAINED AROUND STORM SEWER STRUCTURES, IN SWALE AREAS UNTIL VEGETATION IS ESTABLISHED AND/OR CONSTRUCTION IS COMPLETE.
- TOPSOIL STOCKPILES SHALL BE LOCATED TO AVOID EROSION OF SAID STOCKPILE ONTO OFFSITE AREAS, I.E. THE STOCKPILE SHALL BE LOCATED SO THAT AN ONSITE DRAINAGE SWALE IS LOCATED BETWEEN THE STOCKPILE AND THE DOWNSTREAM OFFSITE PROPERTY. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN SIX MONTHS, IT IS REQUIRED THAT THE STOCKPILE BE SEEDED AFTER 14 DAYS OF INACTIVITY SO AS TO MINIMIZE SOIL EROSION BY BOTH WIND AND WATER.
- WHEN STORM WATER IS TO BE ROUTED THROUGH PROPOSED DETENTION BASINS IN ORDER TO ALLOW SETTLEMENT OF SILT AND DEBRIS, THE BASINS ARE TO BE CONSTRUCTED IMMEDIATELY UPON COMMENCEMENT OF THE PROJECT. BASINS WILL BE PROPERLY OVER-EXCAVATED SO AS TO PROVIDE SUFFICIENT VOLUME FOR DEBRIS AND SETTLEMENT.
- ALL STORM SEWER, CATCH BASINS, SUMPS AND/OR RETENTION BASINS PROVIDED WITHIN THIS PROJECT ARE TO BE CLEANED AT THE END OF CONSTRUCTION OF THE PROJECT AND PRIOR TO FINAL ACCEPTANCE. CLEANING MAY ALSO BE REQUIRED DURING THE COURSE OF THE CONSTRUCTION OF THE PROJECT IF IT IS DETERMINED THAT THE SILT AND DEBRIS TRAPS ARE NOT PROPERLY FUNCTIONING AND THEIR PERFORMANCE IS IMPAIRED.
- UNLESS SOIL EROSION CONTROL ITEMS ARE SPECIFICALLY REFERRED TO AS BID ITEMS (SUCH AS TOPSOIL RESPREAD, SEEDING, ETC.), THEY ARE TO BE CONSIDERED AS INCIDENTAL TO THE COST OF THE CONTRACT.
- UPON COMPLETION OF TOPSOIL RESPREAD OPERATIONS, ALL DISTURBED AREAS SHALL BE SEED, SODDED OR LANDSCAPED AS NOTED ON THE PLAN.
- SEEDING AND MULCHING SHALL BE IN ACCORDANCE WITH SECTIONS 642 AND 643 OF THE STANDARD SPECIFICATIONS. SEED MIXTURE SHALL BE CLASS 1.
- SODDING SHALL BE IN ACCORDANCE WITH SECTION 644 OF THE I.D.O.T. "STANDARD SPECIFICATIONS".
- SEQUENCE FOR SOIL EROSION CONTROL ITEMS

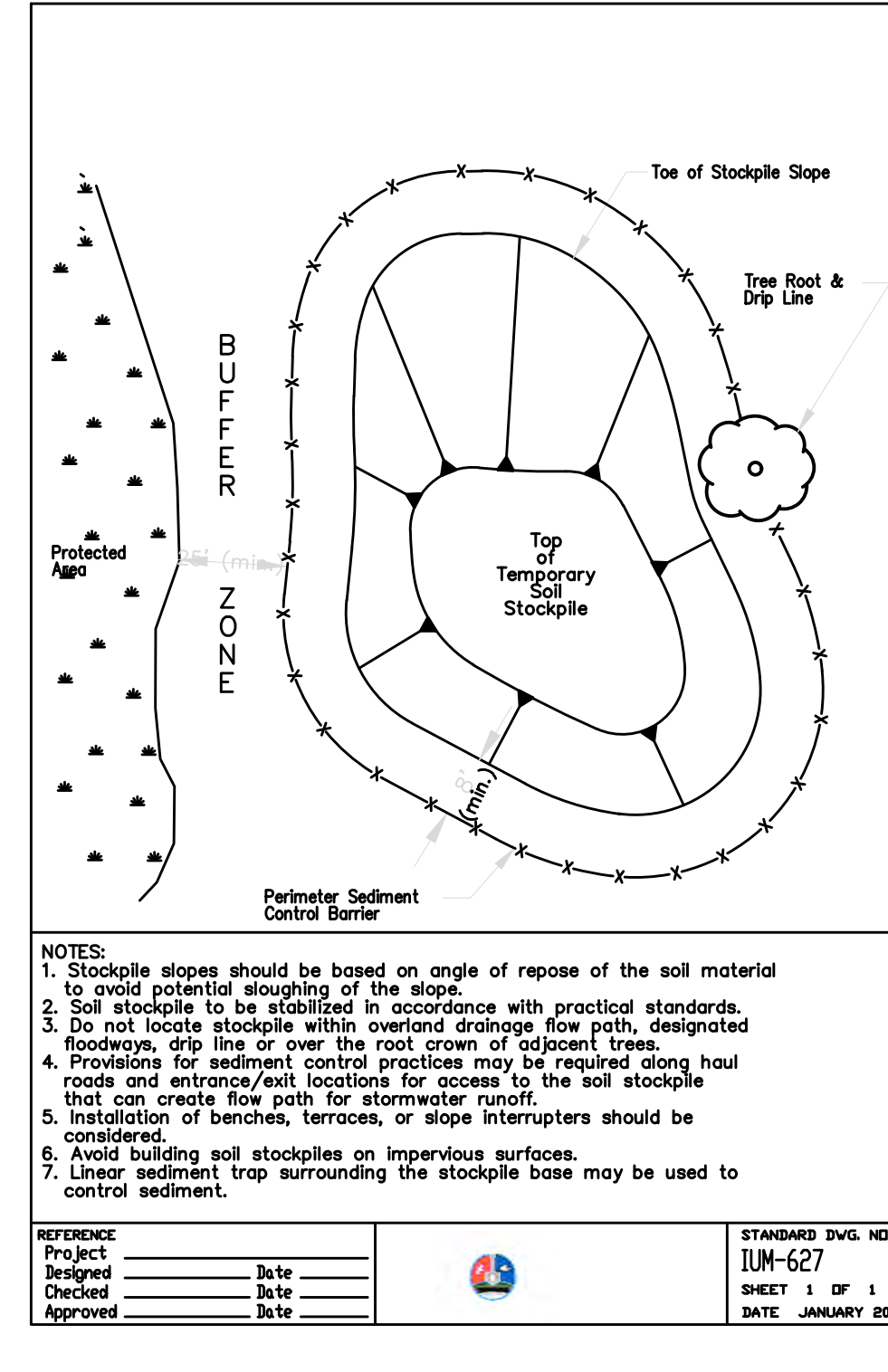
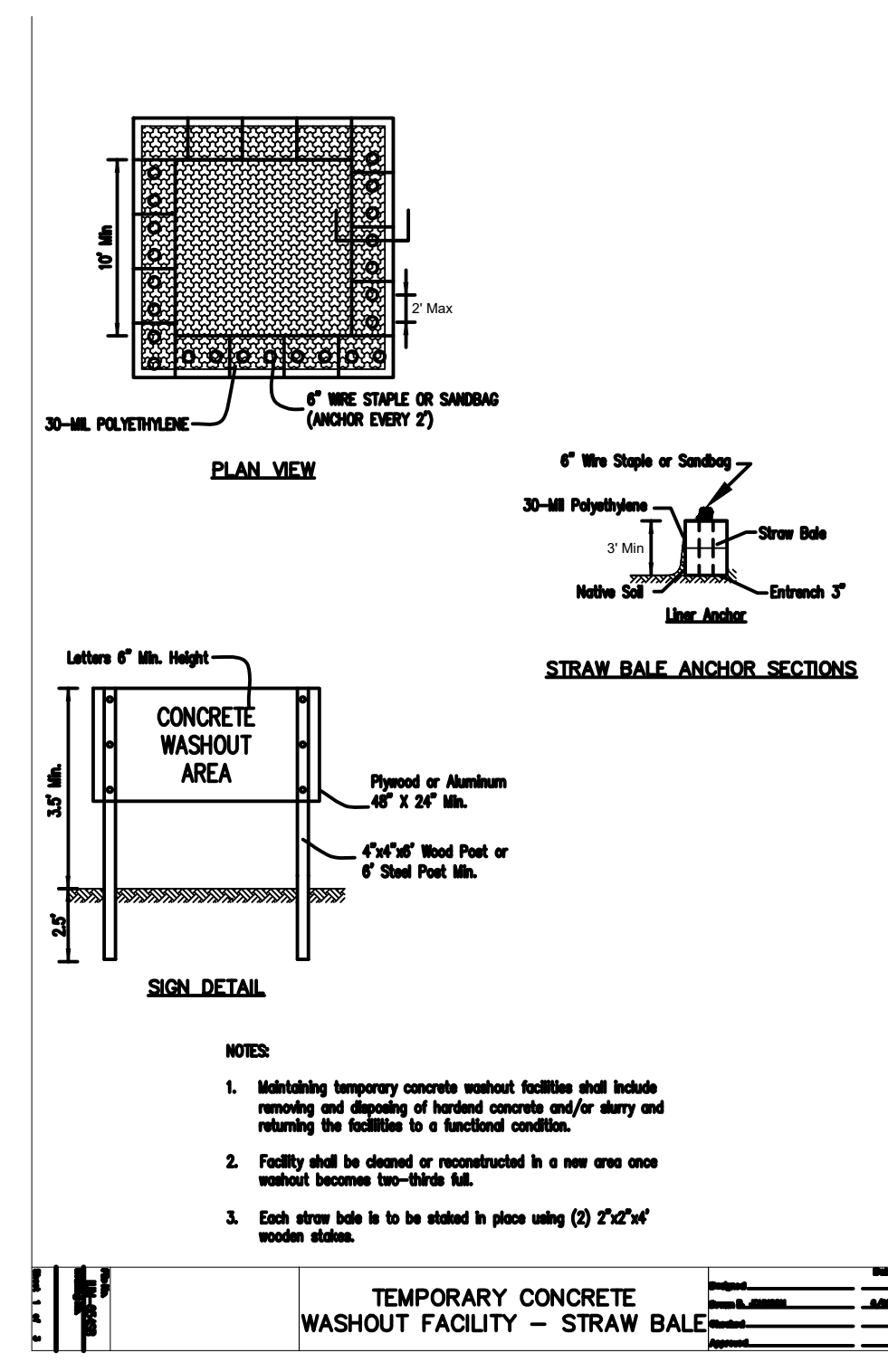
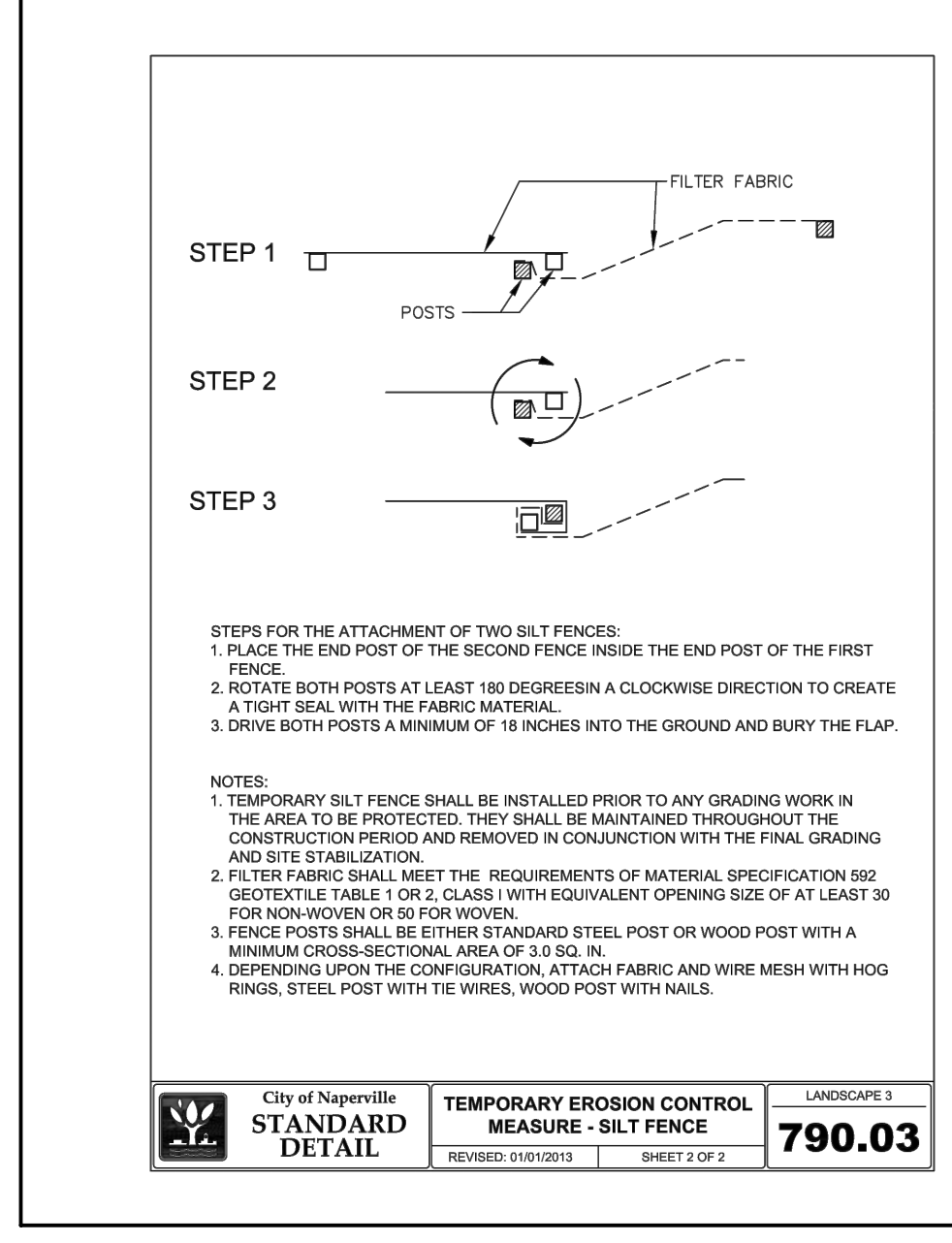
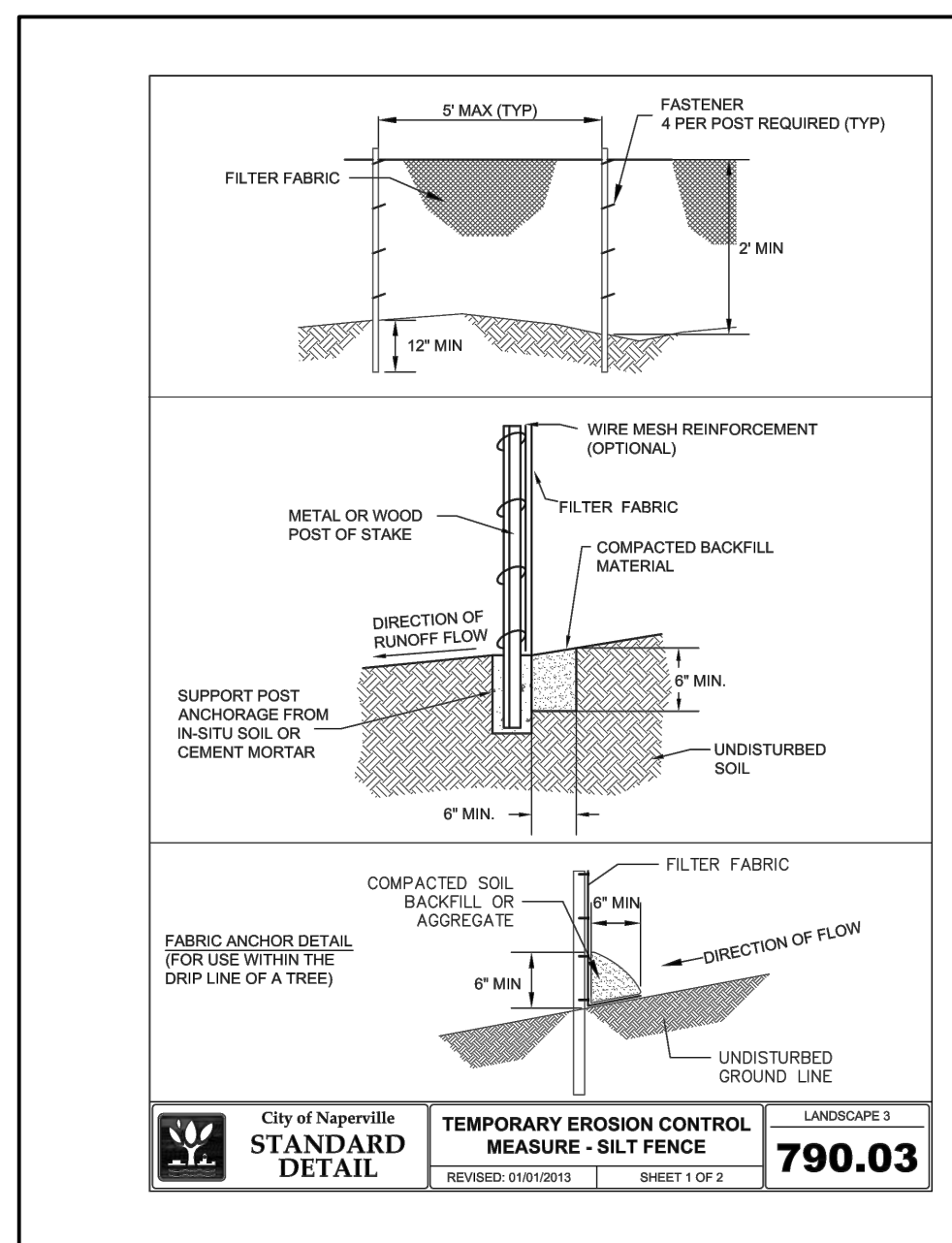
EACH RESPECTIVE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION, MAINTENANCE AND ANY NECESSARY CORRECTIVE ACTION ASSOCIATED WITH THE EROSION CONTROL MEASURES SO DESIGNATED FOR THAT CONTRACTOR. THE FOLLOWING ITEMS ARE TO BE PROVIDED BY THE DESIGNATED CONTRACTOR AT THE TIME AND IN THE GENERAL SEQUENCE BELOW.

I. MASS GRADING/EARTHWORK CONTRACTOR

- PROVIDE CONSTRUCTION ENTRANCE AND EROSION CONTROL FABRIC PRIOR TO THE START OF CONSTRUCTION.
- PROVIDE DIVERSION SWALES AROUND SITE PERIMETER AS NECESSARY TO PREVENT/INTERCEPT STORM WATER RUNOFF TO OFFSITE AREAS. AS PART OF INITIAL MASS GRADE IMPROVEMENTS.
- PROVIDE DIVERSION DITCH/TOPSOIL BERM IN ACCORDANCE WITH TEMPORARY TOPSOIL STOCKPILE DETAIL FOR ALL STOCKPILES PRIOR TO PLACEMENT OF MATERIAL IN SAID STOCKPILE.

II. UNDERGROUND CONTRACTOR

- PROVIDE STRAW BALES, SILTATION/DEBRIS COLLECTION "CHANNEL", SYNTHETIC FILTER FABRIC, ETC. AROUND ALL YARD/DETENTION BASIN INLETS IMMEDIATELY UPON INSTALLATION OF SAID INLET(S).
- PROVIDE CLEANING OF STORM SEWER SYSTEM, CATCH BASINS AND STORM SEWER STRUCTURES IN ACCORDANCE WITH THESE SOIL EROSION CONTROL SPECIFICATIONS.
- PROVIDE FILTER FABRIC AT ALL CURB INLETS DURING CONSTRUCTION. FABRIC TO BE PLACED BETWEEN GRATE AND CAST IRON FRAME TO ALLOW MAINTENANCE OR REPLACEMENT OF FABRIC BY REMOVING GRATE WITH FRAME TO REMAIN IN PLACE. SAID FILTER FABRIC TO BE MAINTAINED UNTIL ALL "UPSTREAM" AREAS TO A RESPECTIVE INLET HAVE BEEN COMPLETED THROUGH ESTABLISHMENT OF A GRASS TURF.



SEE LANDSCAPE PLAN FOR ADDITIONAL PLANTING LISTS
R.O.W. & REMAINING GRASSED AREA: CLASS 1 SEEDING MIXTURE
PERMANENT SEEDING MIXTURE - 100 LBS./AC. KENTUCKY BLUEGRASS
60 LBS./AC. PERENNIAL RYEGRASS
40 LBS./AC. CREEPING RED FESCUE

TEMPORARY SEEDING MIXTURE - 90 LBS./AC. CEREAL RYE OR WHEAT
90 LBS./AC. OATS
25 LBS./AC. PERENNIAL RYEGRASS

GRASSED WATERWAY AREA: CLASS 2 SEEDING MIXTURE
PERMANENT SEEDING MIXTURE - 100 LBS./AC. PERENNIAL RYEGRASS OR 50 LBS./AC. PERENNIAL RYEGRASS
40 LBS./AC. CREEPING RED FESCUE
10 LBS./AC. RED TOP

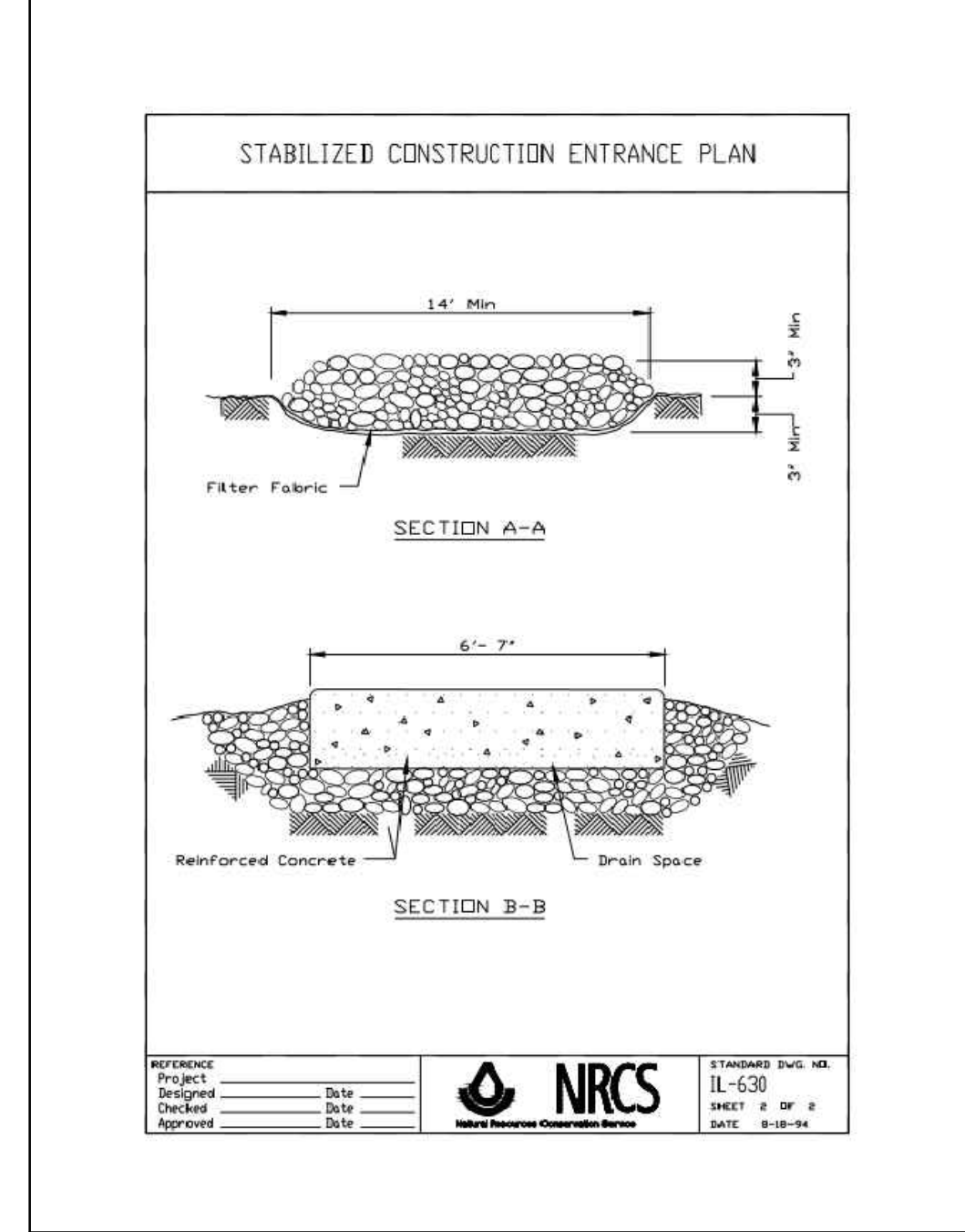
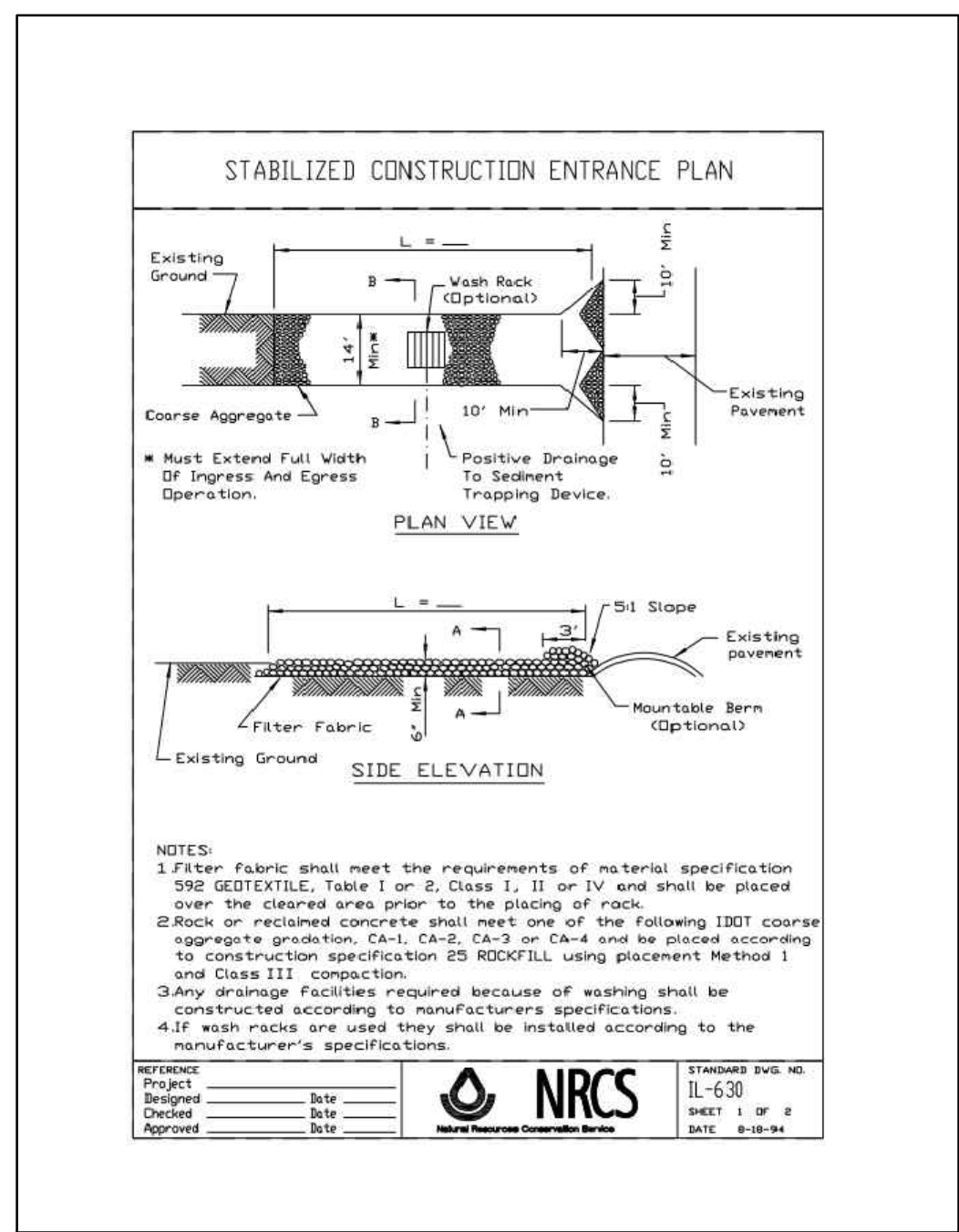
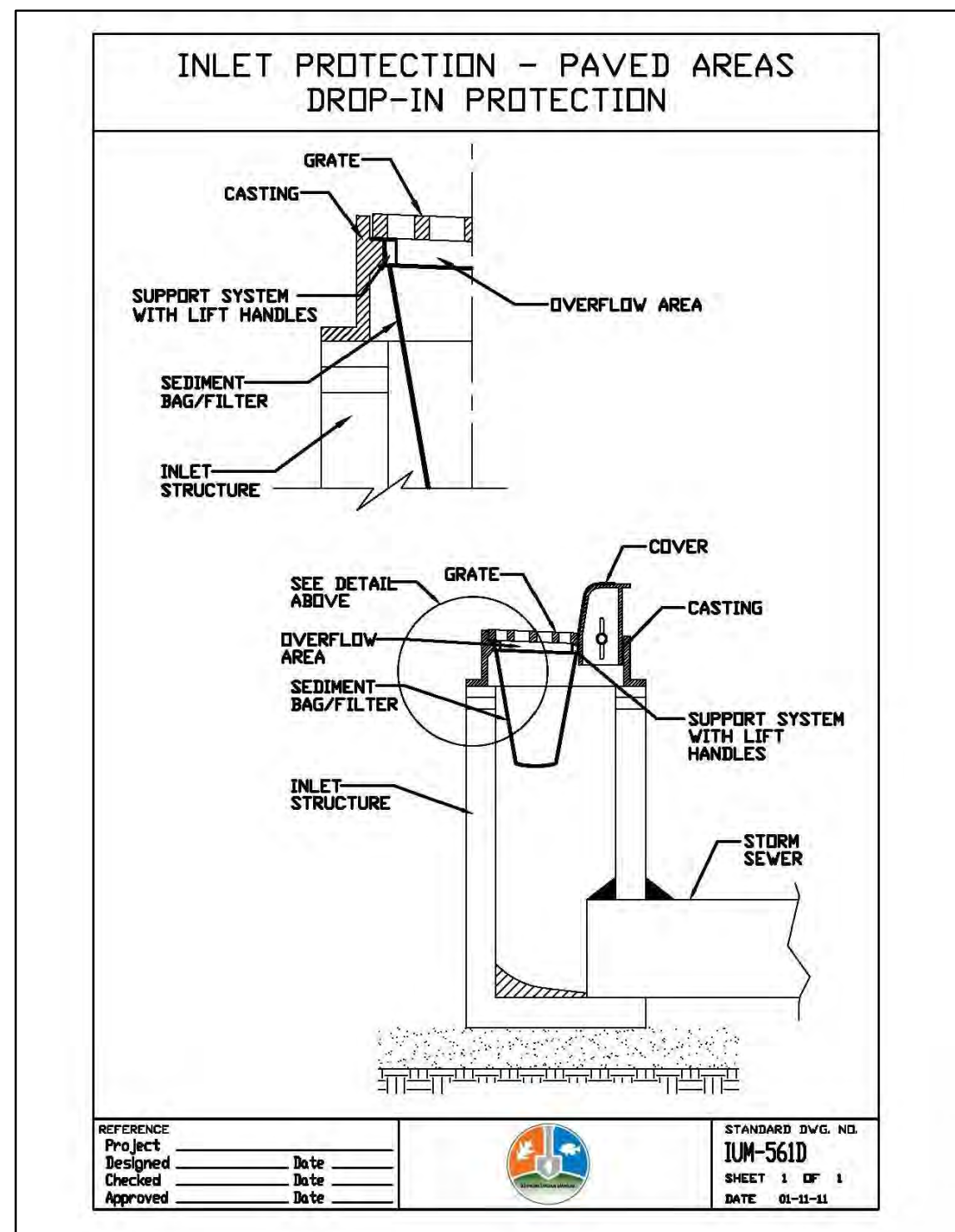
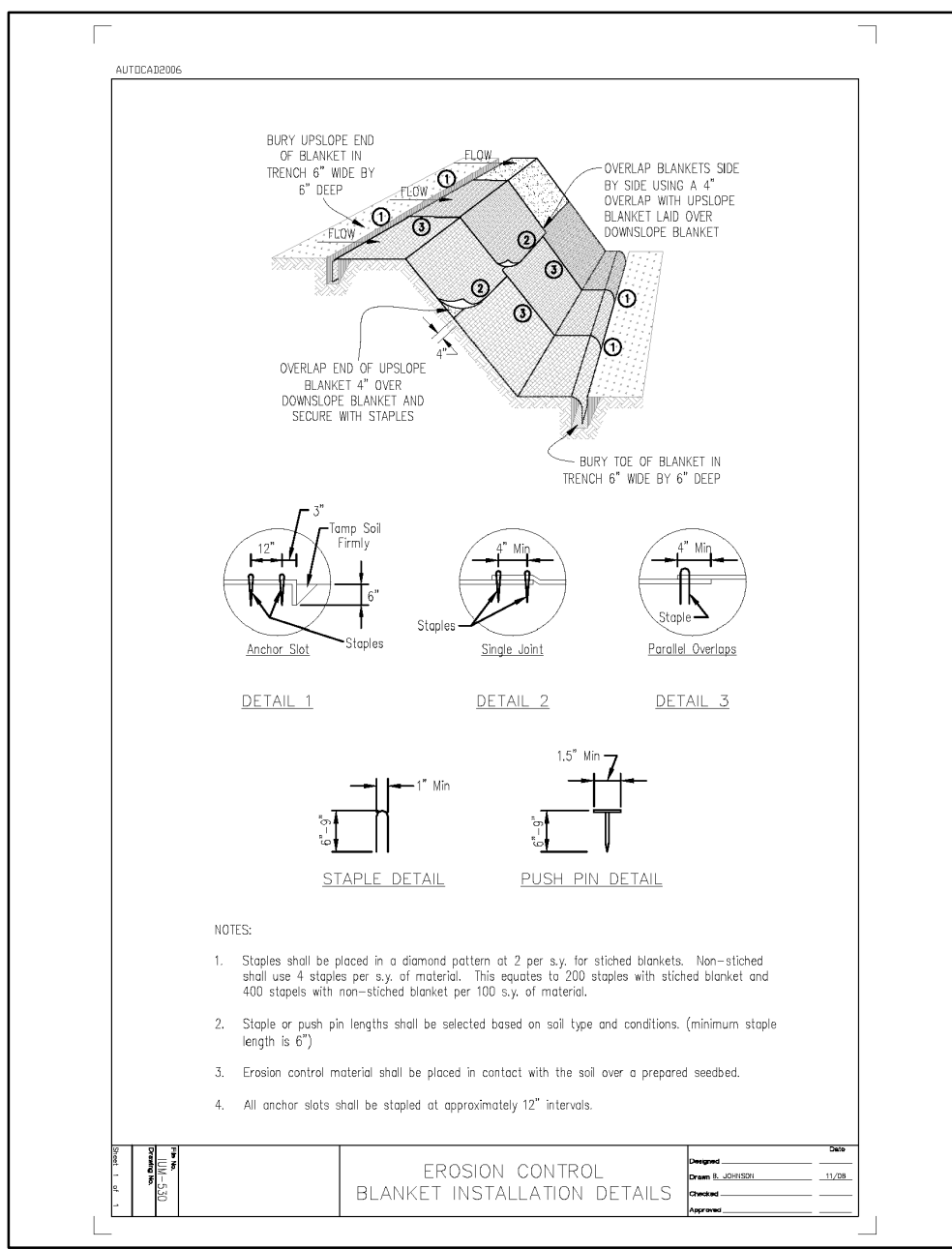
TEMPORARY SEEDING MIXTURE - 90 LBS./AC. CEREAL RYE OR WHEAT
90 LBS./AC. OATS
25 LBS./AC. PERENNIAL RYEGRASS

SEEDING SCHEDULE	LANE	PAVEMENT	GRASS	WOOD	WATER	WATER	WATER	WATER	WATER	WATER	WATER
PERMANENT SEEDING MIXTURE NONIRRIGATED IRRIGATED DORMANT (DOUBLE RATE)											
TEMPORARY SEEDING MIXTURE RYE OR WHEAT OATS											

FERTILIZER MIXTURE FOR PROPOSED SEEDING AREAS
NITROGEN (N) 120 LBS./AC.
PHOSPHORUS (P) 52 LBS./AC. OR 120 LBS./AC. P O
POTASSIUM (K) 100 LBS./AC. OR 120 LBS./AC. K O

EROSION CONTROL BLANKET: NORTH AMERICAN GREEN D575 OR APPROVED EQUAL

SEEDING SCHEDULE



OWNER CERTIFICATION

"I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THIS SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. IN ADDITION, I CERTIFY THAT THE PROVISIONS OF THE PERMIT, INCLUDING THE CERTIFICATION PLAN AND IMPLEMENTATION OF A STORM WATER POLLUTION PREVENTION PLAN AND A MONITORING PROGRAM PLAN, WILL BE COMPLIED WITH."

OWNER SIGNATURE: _____ DATE: _____

CONTRACTOR CERTIFICATION

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (ILR10) THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION."

CONTRACTOR SIGNATURE: _____ DATE: _____

NPDES PERMIT INSPECTOR CERTIFICATION

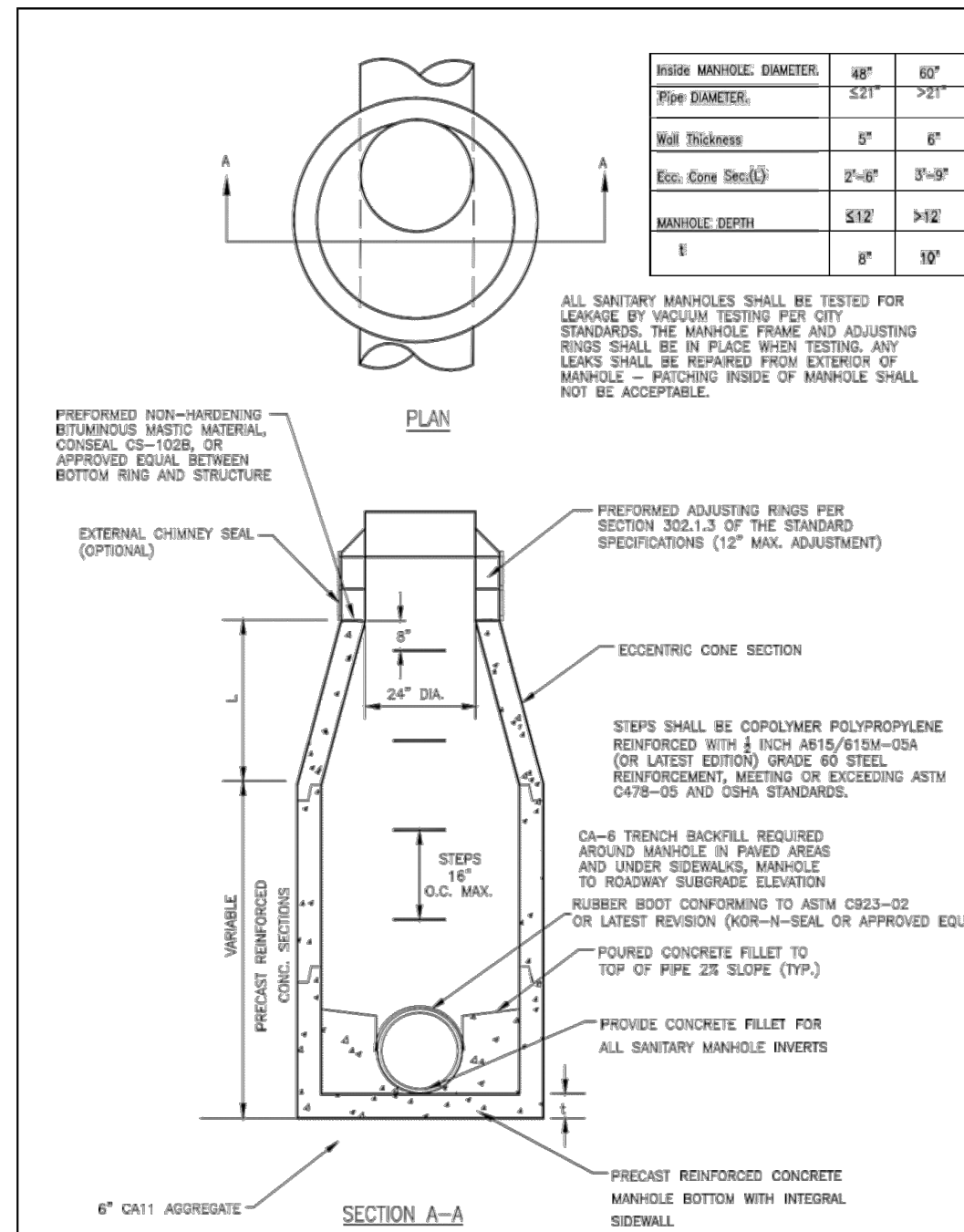
"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (ILR10) THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION."

NPDES PERMIT INSPECTOR SIGNATURE: _____ DATE: _____

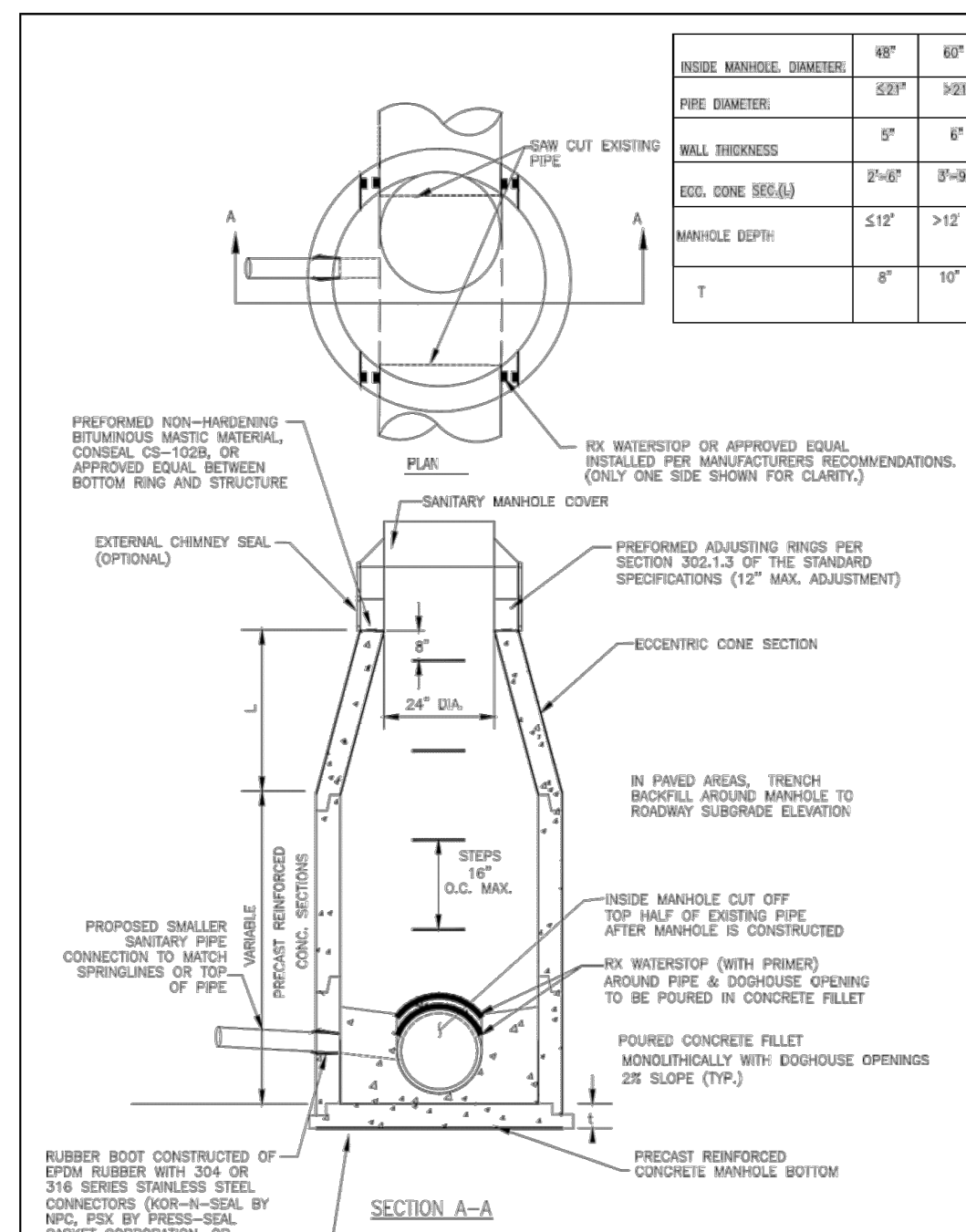
811 Know what's below. Call before you dig.
CALL TWO (2) BUSINESS DAYS BEFORE YOU DIG (EXCLUDING SAT., SUN. & HOL.)
CALL 811 or 1-800-892-0123

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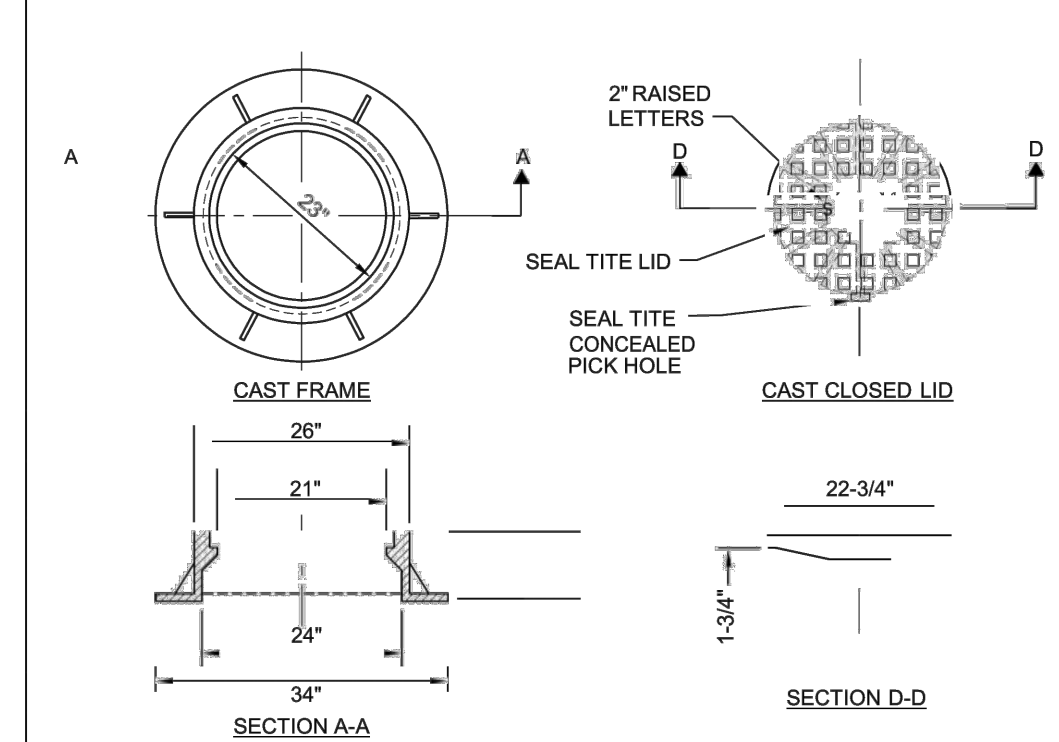
REVISIONS	PREPARED BY:	CLIENT:	PROJECT:	PROJECT NO:	DESIGNED BY:	SHEET NO.
1	ROGINA	ARCHITECTUAL STUDIOS, LTD	SITE DEVELOPMENT PLANS FOR	R990.02	MRR	8
2	ENGINEERS & SURVEYORS, LLC.	14421 Oakley Avenue	WU'S HOUSE RESTAURANT	DATE: 7/21/2022	DRAWN BY: CRR	of
3	1225 Channahon Road Joliet, Illinois 815/729-0777 FAX 815/729-0782	Orland Park, IL 60462	LOT 2 OF BRADFORD COMMONS RESUBDIVISION OF	SCALE: N.T.S.	CHECKED BY: MRR	13
4	Professional Design Firm License No. 184-006843 - Exp. 4/30/2023	(708) 933-4200	LOTS 5 & 6 SUBDIVISION			
5			CITY OF NAPERVILLE, DUPAGE COUNTY, ILLINOIS			
6						



City of Naperville STANDARD DETAIL
SANITARY SEWER MANHOLE
 SANITARY 1
 REVISION: 08/01/2018 SHEET 1 OF 1 **390.01**

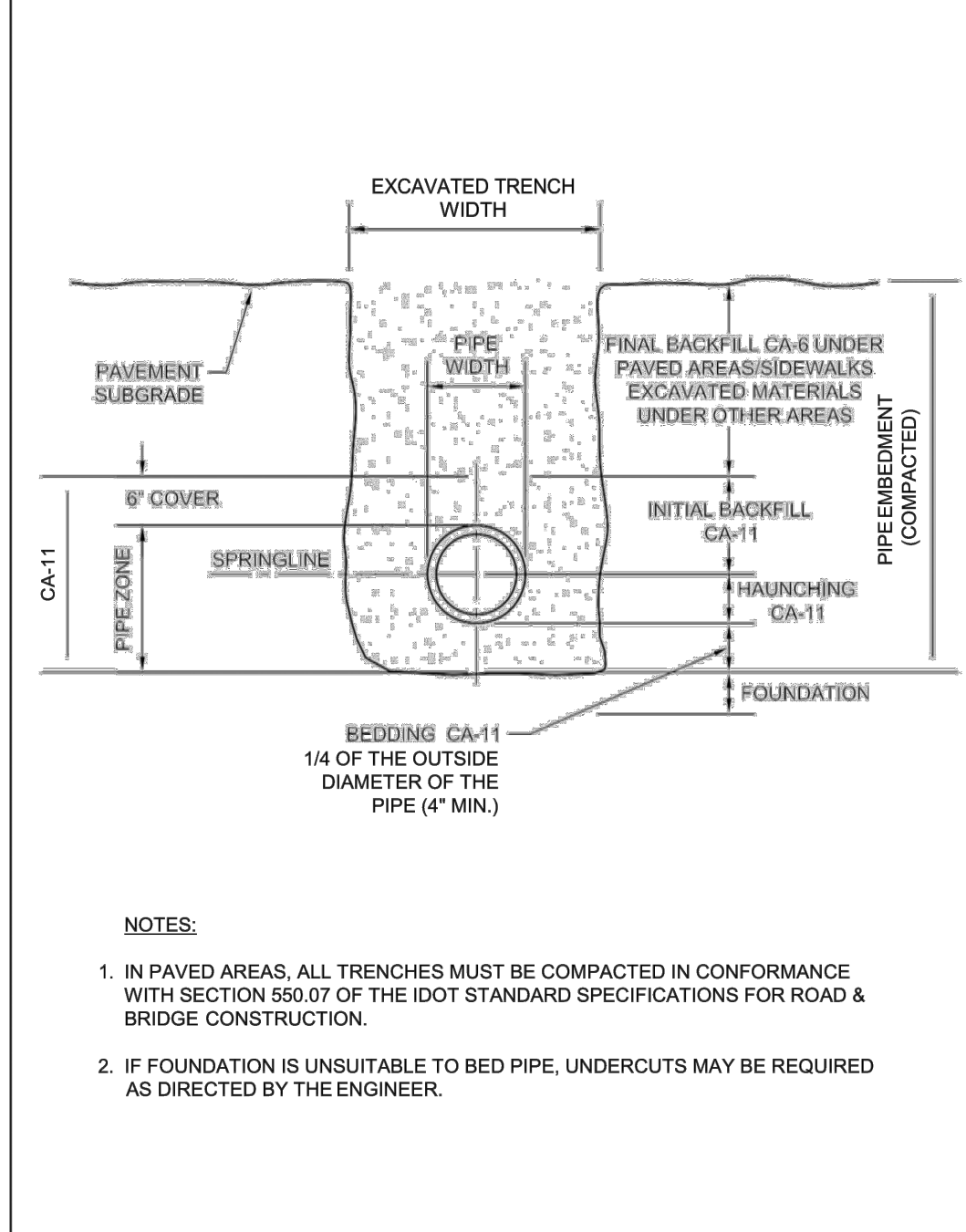


City of Naperville STANDARD DETAIL
SANITARY MANHOLE - DOG HOUSE CONNECTION
 SANITARY 5
 REVISION: 08/01/2018 SHEET 1 OF 1 **390.05**



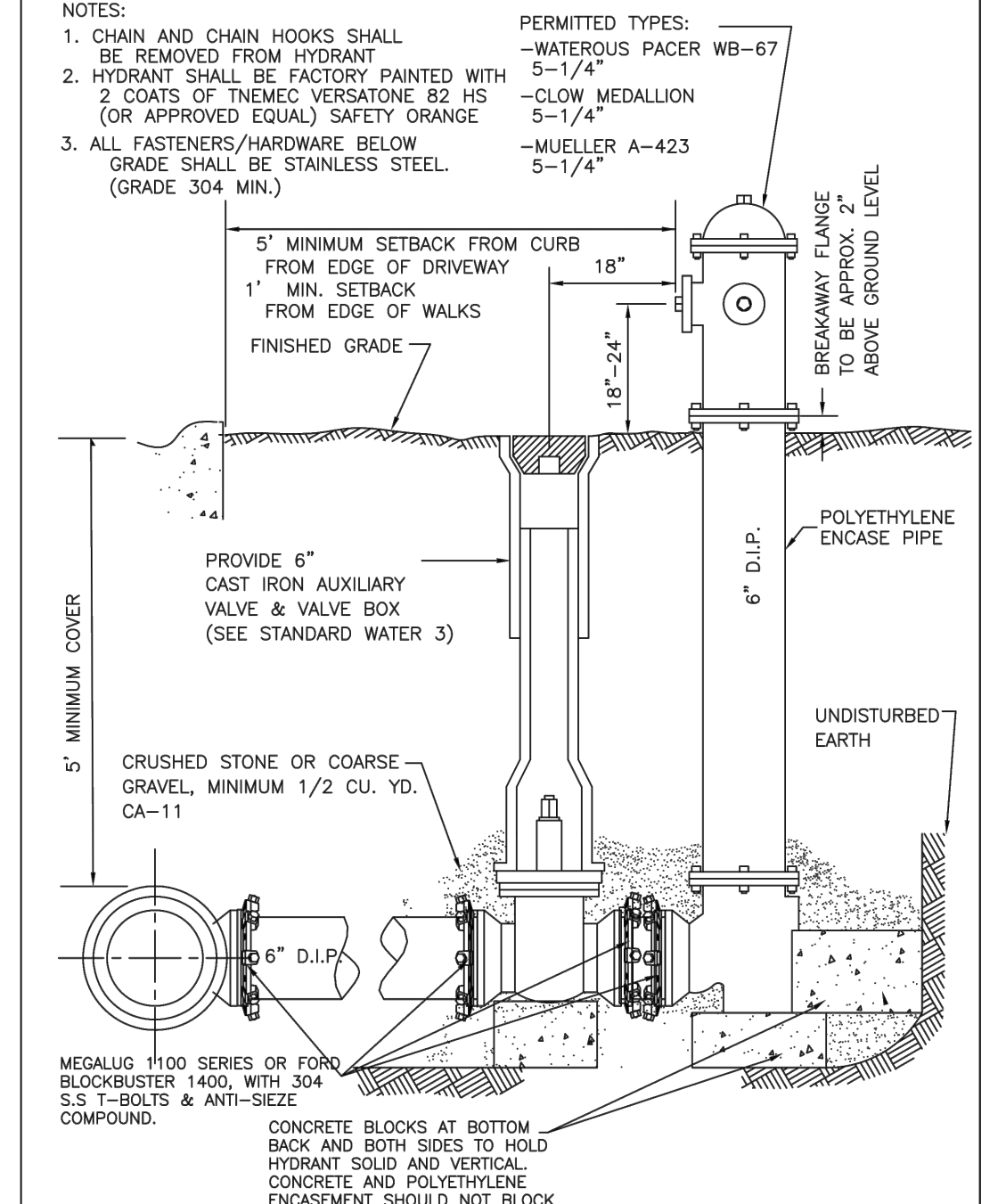
- NOTES:
- 1) DUCTILE IRON SHALL BE GRADE 65-45-12 AND SHALL BE TESTED IN ACCORDANCE WITH FEDERAL SPECIFICATIONS.
 - 2) ALL FRAMES AND COVERS SHALL HAVE MACHINED HORIZONTAL AND VERTICAL BEARING SURFACES. PICK HOLES SHALL NOT CREATE OPENINGS IN THE COVER.
 - 3) THE MANHOLE COVERS SHALL HAVE 2" RAISED LETTERS AS SHOWN.
 - 4) ALTERNATIVE TO DUCTILE IRON LID, GREY IRON CL 35 LID MAY BE USED.
 - 5) CASTINGS ARE SHALL BE EAST JORDAN 1022-Z3; NEENAH R-1772 OR APPROVED EQUAL.
 - 6) WATERPROOF, BOLTDOWN FRAME AND COVER SHALL BE USED IN FLOOD PLAIN AREA, AND AS NOTED ON THE PLANS. NEENAH R-1916-F1, EAST JORDAN IRON WORKS 1022-Z1PT OR APPROVED EQUAL.
 - 7) LIDS AND FRAMES TO MEET ASSHTO M306 PROOF LOADING SPECIFICATIONS

City of Naperville STANDARD DETAIL
SANITARY MANHOLE - FRAME & COVER
 SANITARY 6
 REVISION: 01/01/2013 SHEET 1 OF 1 **390.06**



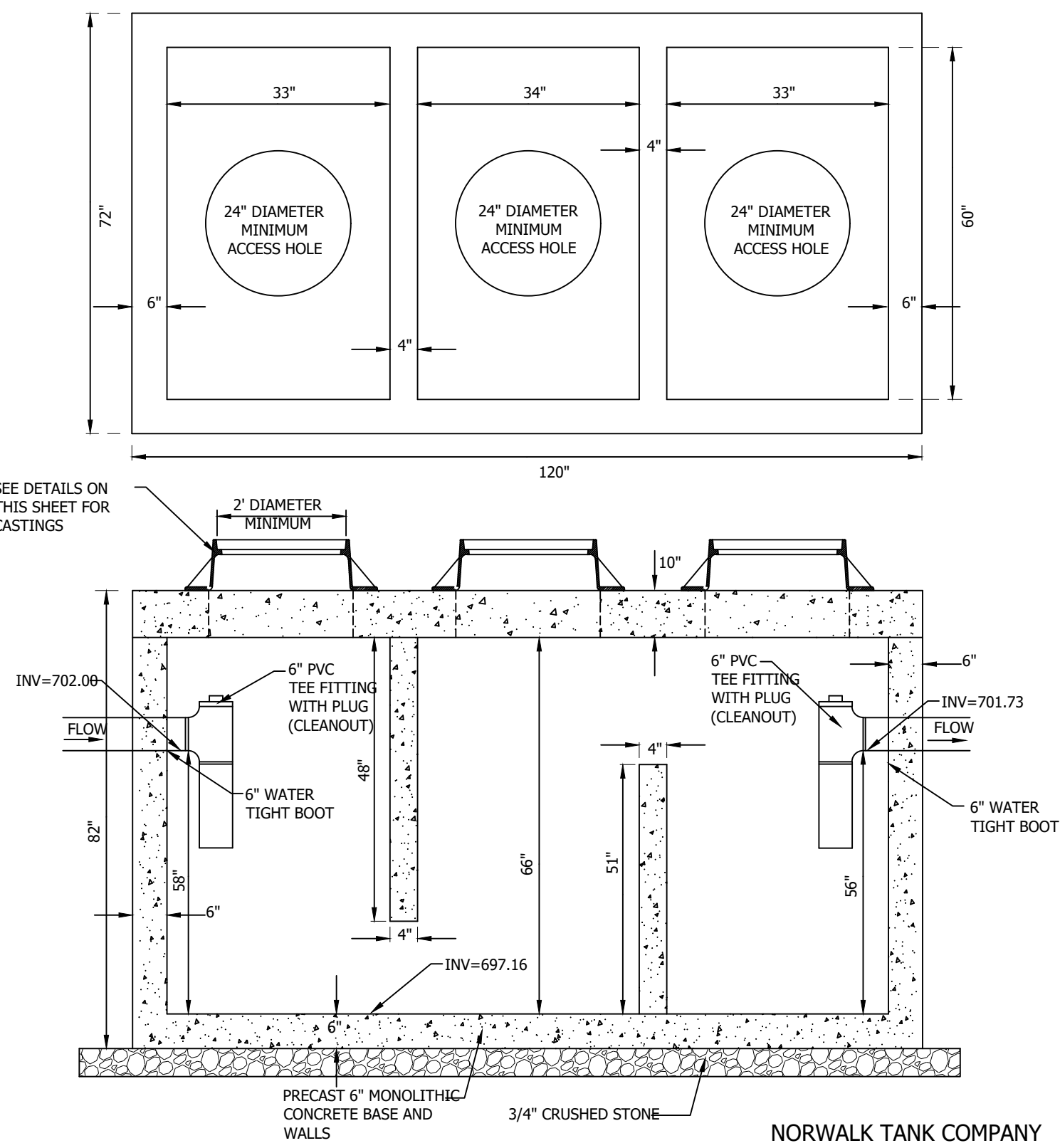
- NOTES:
1. IN PAVED AREAS, ALL TRENCHES MUST BE COMPACTED IN CONFORMANCE WITH SECTION 550.07 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.
 2. IF FOUNDATION IS UNSUITABLE TO BED PIPE, UNDERCUTS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.

City of Naperville STANDARD DETAIL
TRENCH SECTION FOR PVC PIPE
 SANITARY 10
 REVISION: 01/01/2013 SHEET 1 OF 1 **390.10**



- NOTES:
1. CHAIN AND CHAIN HOOKS SHALL BE REMOVED FROM HYDRANT.
 2. COATS OF HYDRANT SHALL BE FACTORY PAINTED WITH 2 COATS OF INEMEC VERGATONE 82 HS (OR APPROVED EQUAL) SAFETY ORANGE.
 3. ALL FASTENERS/HARDWARE BELOW GRADE SHALL BE STAINLESS STEEL (GRADE 304 MIN.).
- PERMITTED TYPES:
- WATEROUS PACER WB-67
 - 5-1/4"
 - CLOW MEDALLION
 - 5-1/4"
 - MUELLER A-423
 - 5-1/4"

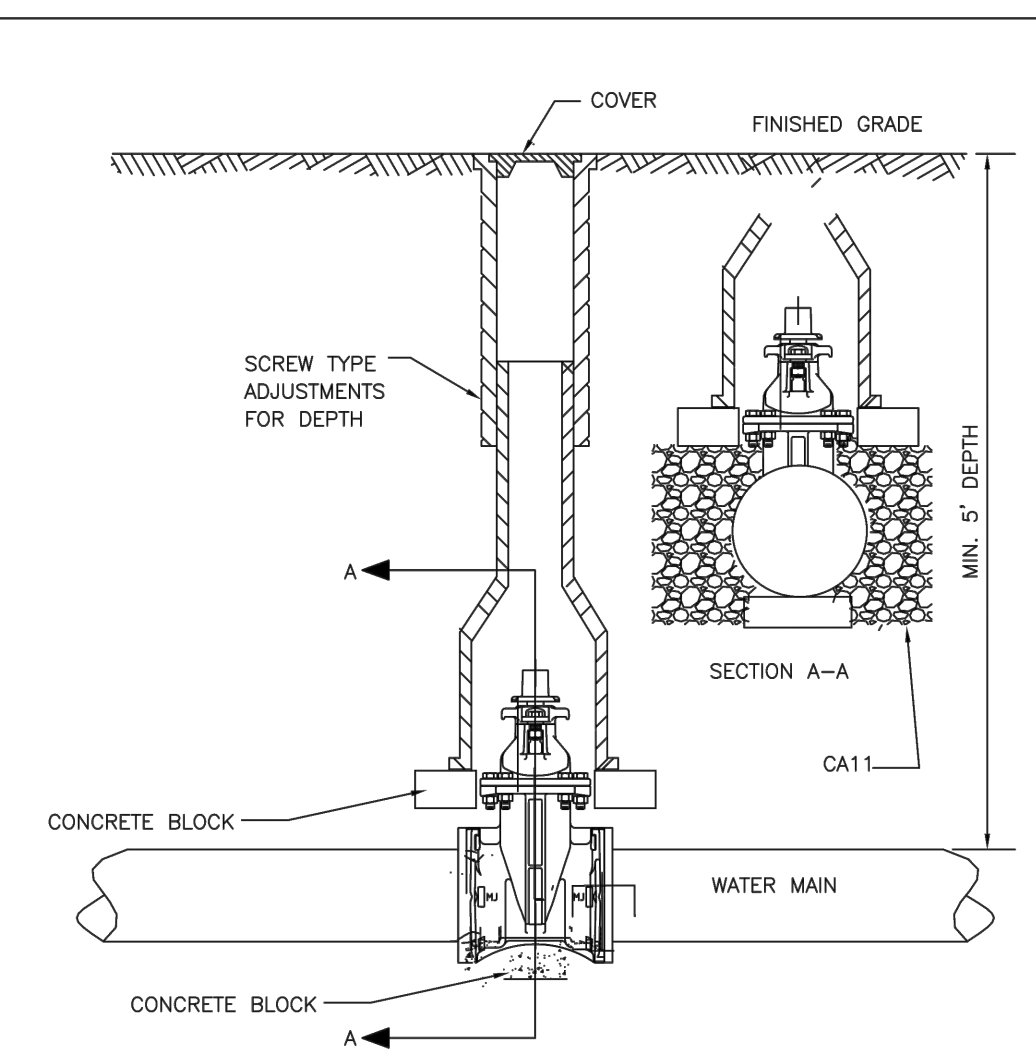
City of Naperville STANDARD DETAIL
HYDRANT
 WATER 6
 REVISION: 05/15/2015 SHEET 1 OF 1 **490.06**



- MWRD NOTE:
- ALL GREASE INTERCEPTOR CONNECTIONS SHALL BE WATERTIGHT AND CONFORM TO ASTM D-923
 - ALL DISHWATER DISCHARGE SHALL BYPASS THE GREASE TRAP.
- NOTES:
1. ALL PIPING SHALL BE CAST IRON OR PVC SCHEDULE 40, 6" MINIMUM DIAMETER.
 2. 4000 P.S.I. CONCRETE AT 28 DAYS SHALL BE USED THROUGHOUT
 3. MINIMUM LIQUID CAPACITY SHALL BE 1,500 GALLONS.
 4. FRAMES AND LIDS SHALL BE AS PER THE VILLAGE OF PALOS PARK STANDARDS AND DETAILS
 5. INSTALLATION OF THE GREASE INTERCEPTOR STRUCTURE SHALL BE IN ACCORDANCE WITH ALL OTHER APPLICABLE STANDARDS FOLLOWED BY THE VILLAGE OF PALOS PARK SHOP DRAWINGS SHALL BE SUBMITTED TO THE VILLAGE OF PALOS PARK FOR APPROVAL WHEN PRE-MANUFACTURED STRUCTURES ARE TO BE USED

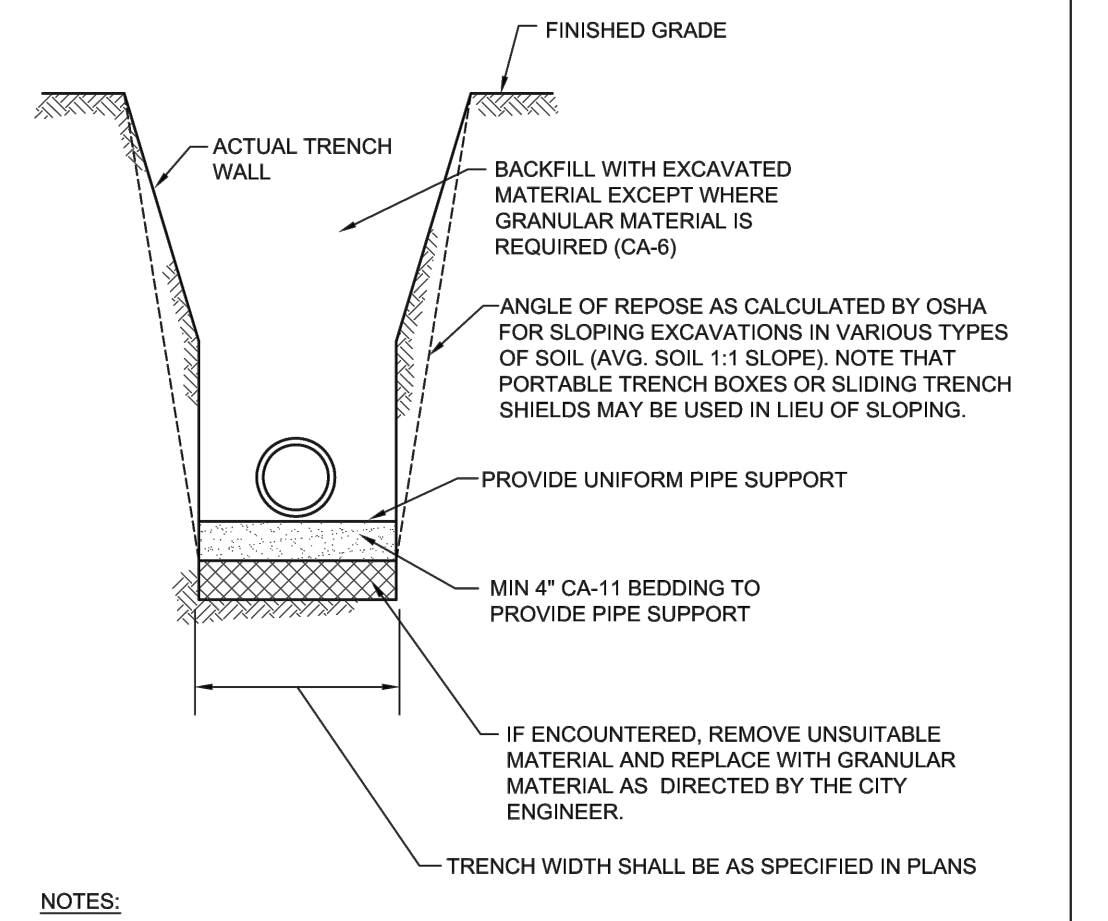
SANITARY SEWER GREASE INTERCEPTOR DETAIL
 NOT TO SCALE

PREPARED BY:
ROGINA
 ENGINEERS & SURVEYORS, LLC.
 1225 Channahon Road Joliet, Illinois 815/729-0777 FAX 815/729-0782
 Professional Design Firm License No. 184-006843 - Exp. 4/30/2023



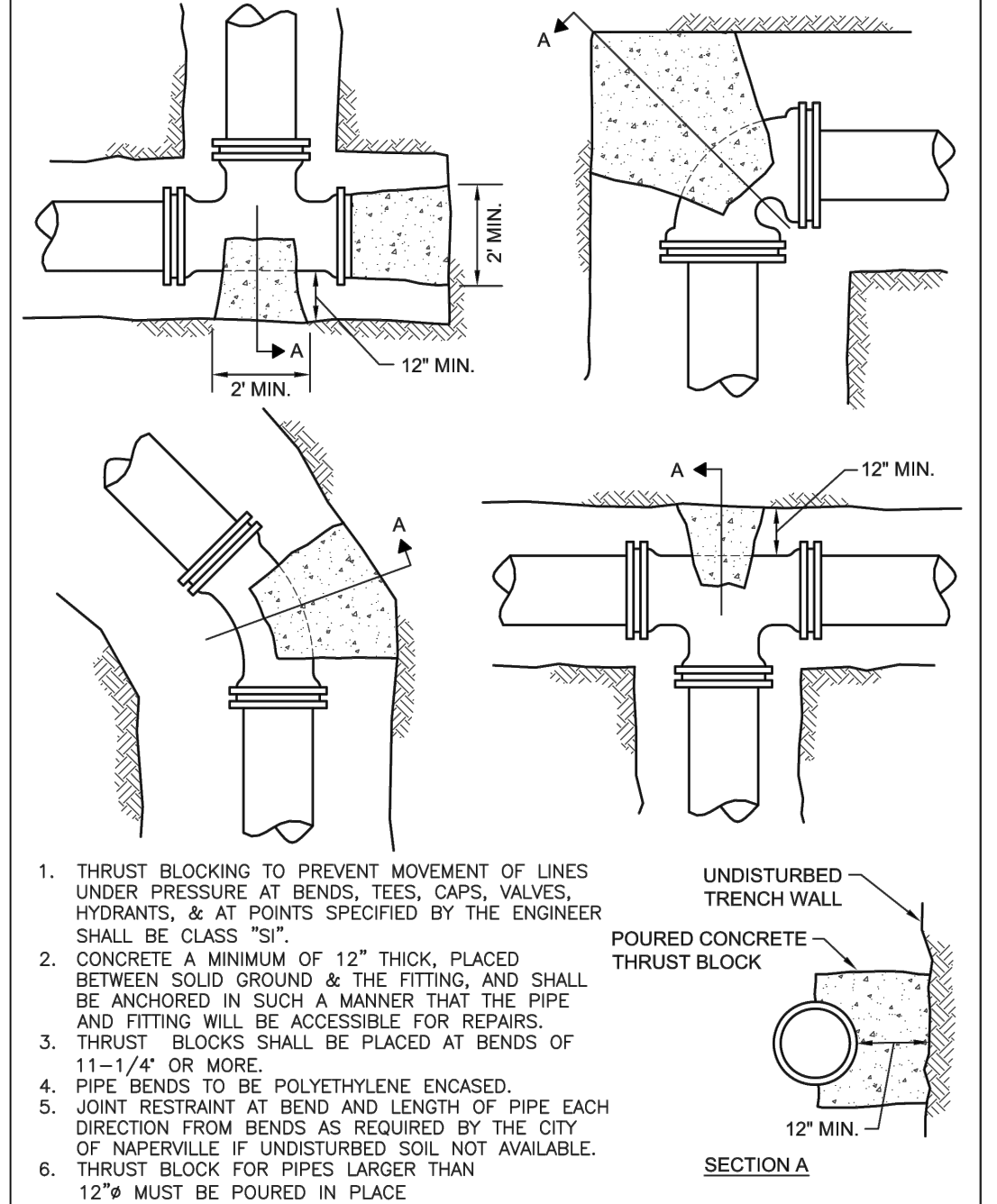
- NOTES:
1. TYLER 6850 OR APPROVED EQUAL. FOR LARGER VALVES TYLER 6860 OR APPROVED EQUAL WITH #6 BASE.
 2. VALVE BOXES ARE NOT ALLOWED IN PAVED AREAS - VALVE VAULT SHALL BE PROVIDED. CONTRACTOR SHALL SUBMIT IN WRITING ANY LOCATION WHERE A VAULT IS NOT INTENDED TO BE INSTALLED AND SPECIFIC REASON WHY IT CANNOT BE INSTALLED. THIS MUST BE APPROVED IN WRITING BY OPI-WATER.
 3. RESTRAINT GLANDS REQUIRED ON EACH SIDE OF VALVE IF STUBBED FOR FUTURE CONNECTION OR PIPE BEND WITHIN TWO PIPE LENGTHS OF VALVE.

City of Naperville STANDARD DETAIL
VALVE BOX
 WATER 5
 REVISION: 01/01/2013 SHEET 1 OF 1 **490.05**



- NOTES:
1. IN PAVED AREAS ALL TRENCHES SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 550.07 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. METHOD 1, 95% MINIMUM STANDARD PROCTOR.
 2. DUCTILE IRON WATER MAIN TO BE CLASS 52. ALL DUCTILE IRON PIPE IS TO BE ENCASED IN POLYETHYLENE FILM. POLYETHYLENE ENCASEMENT TO BE INSTALLED IN ACCORDANCE WITH AWWA C105A(21.5-99) (OR LATEST EDITION)
 3. STAINLESS STEEL NUTS, BOLTS/T-BOLTS, AND WASHERS, TYPE 304 OR BETTER, WILL BE REQUIRED ON ALL WATER MAIN INSTALLATIONS. THIS WOULD APPLY TO HYDRANTS, TAPPING SLEEVES, VALVES, FITTINGS, RESTRAINT, AND OTHER APPURTENANCES BURIED OR IN VALVE VAULTS. MECHANICAL JOINTS AND RESTRAINT GLANDS REQUIRE 304 STAINLESS STEEL T-BOLTS. AN ANTI-SEIZE COMPOUND SHALL BE FACTORY APPLIED TO NUTS OR BOLTS - ANY DAMAGE TO THIS COATING SHALL BE REPAIRED WITH FIELD-APPLIED, APPROVED ANTI-SEIZE COMPOUND THAT IS A MOLYBDENUM-BASE LUBRICANT, BOSTIK NEVER-SEEZ OR APPROVED EQUAL.

City of Naperville STANDARD DETAIL
WATER MAIN TRENCH SECTION
 WATER 10
 REVISION: 01/01/2013 SHEET 1 OF 1 **490.10**



- NOTES:
1. THRUST BLOCKING TO PREVENT MOVEMENT OF LINES UNDER PRESSURE AT BENDS, TEES, CAPS, VALVES, HYDRANTS, & AT POINTS SPECIFIED BY THE ENGINEER SHALL BE CLASS "B".
 2. CONCRETE A MINIMUM OF 12" THICK, PLACED BETWEEN SOLID GROUND & THE FITTING, AND SHALL BE ANCHORED IN SUCH A MANNER THAT THE PIPE AND FITTING WILL BE ACCESSIBLE FOR REPAIRS.
 3. THRUST BLOCKS SHALL BE PLACED AT BENDS OF 11-1/4" OR MORE.
 4. PIPE BENDS TO BE POLYETHYLENE ENCASED.
 5. JOINT RESTRAINT AT BEND AND LENGTH OF PIPE EACH DIRECTION FROM BENDS AS REQUIRED BY THE CITY OF NAPERVILLE IF UNDISTURBED SOIL NOT AVAILABLE.
 6. THRUST BLOCK FOR PIPES LARGER THAN 12" MUST BE POURED IN PLACE.

City of Naperville STANDARD DETAIL
THRUST BLOCK
 WATER 11
 REVISION: 05/15/2015 SHEET 1 OF 1 **490.11**

Y:\0000\06000000\060000 Development Plans - Site\1225 Channahon Road, September 03, 2022 - Layout details - sanitary

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REVISIONS	
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2	7
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4	9
5	10

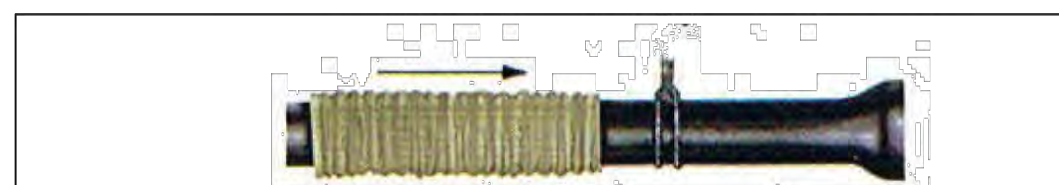
CLIENT: ARCHITECTUAL STUDIOS, LTD
 14421 Oakley Avenue
 Orland Park, IL 60462
 (708) 933-4200

PROJECT: SITE DEVELOPMENT PLANS FOR
 WU'S HOUSE RESTAURANT
 LOT 2 OF BRADFORD COMMONS RESUBDIVISION OF
 LOTS 5 & 6 SUBDIVISION
 CITY OF NAPERVILLE, DUPAGE COUNTY, ILLINOIS

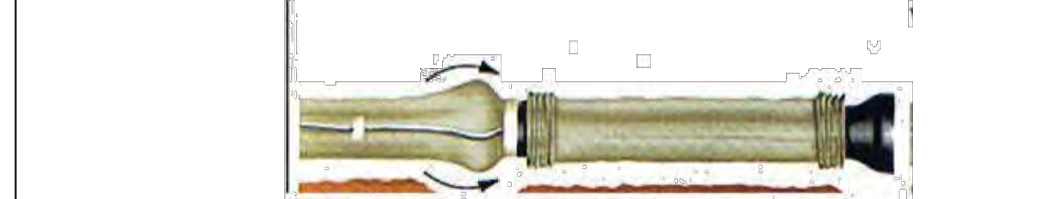
PROJECT NO:	R990.02	DESIGNED BY:	MRR
DATE:	7/21/2022	DRAWN BY:	CRR
SCALE:	N.T.S.	CHECKED BY:	MRR

CONSTRUCTION DETAILS

SHEET NO.
 10 of 13



CUT A SECTION OF POLYETHYLENE TUBE APPROXIMATELY TWO FEET LONGER THAN THE PIPE SECTION. REMOVE ALL LUMPS OF CLAY, MUD, CONDENSERS, OR OTHER MATERIAL THAT MIGHT HAVE ACCUMULATED ON THE PIPE SURFACE DURING STORAGE. SLIP THE POLYETHYLENE TUBE AROUND THE PIPE, STARTING AT THE SPIGOT END. BUNCH THE TUBE ACCORDION-FASHION ON THE END OF THE PIPE. PULL BACK THE OVERHANGING END OF THE TUBE UNTIL IT CLEARS THE PIPE END.



MAKE THE OVERLAP OF THE POLYETHYLENE TUBE BY PULLING BACK THE BUNCHED POLYETHYLENE FROM THE PRECEDING LENGTH OF PIPE AND SECURING IT IN PLACE. NOTE: THE POLYETHYLENE MAY BE SECURED IN PLACE BY USING TAPE, STRING, PLASTIC TIE STRAPS, OR ANY OTHER MATERIAL CAPABLE OF HOLDING THE POLYETHYLENE ENCASUREMENT SNUGLY AGAINST THE PIPE.



TAKE UP SLACK IN THE TUBE ALONG THE BARREL OF THE PIPE TO MAKE A SNUG, BUT NOT TIGHT, FIT. FOLD EXCESS POLYETHYLENE BACK OVER THE TOP OF THE PIPE.
REPAIR ALL SMALL RIPS, TEARS OR OTHER TUBE DAMAGE WITH MANUFACTURER APPROVED ADHESIVE TAPE.

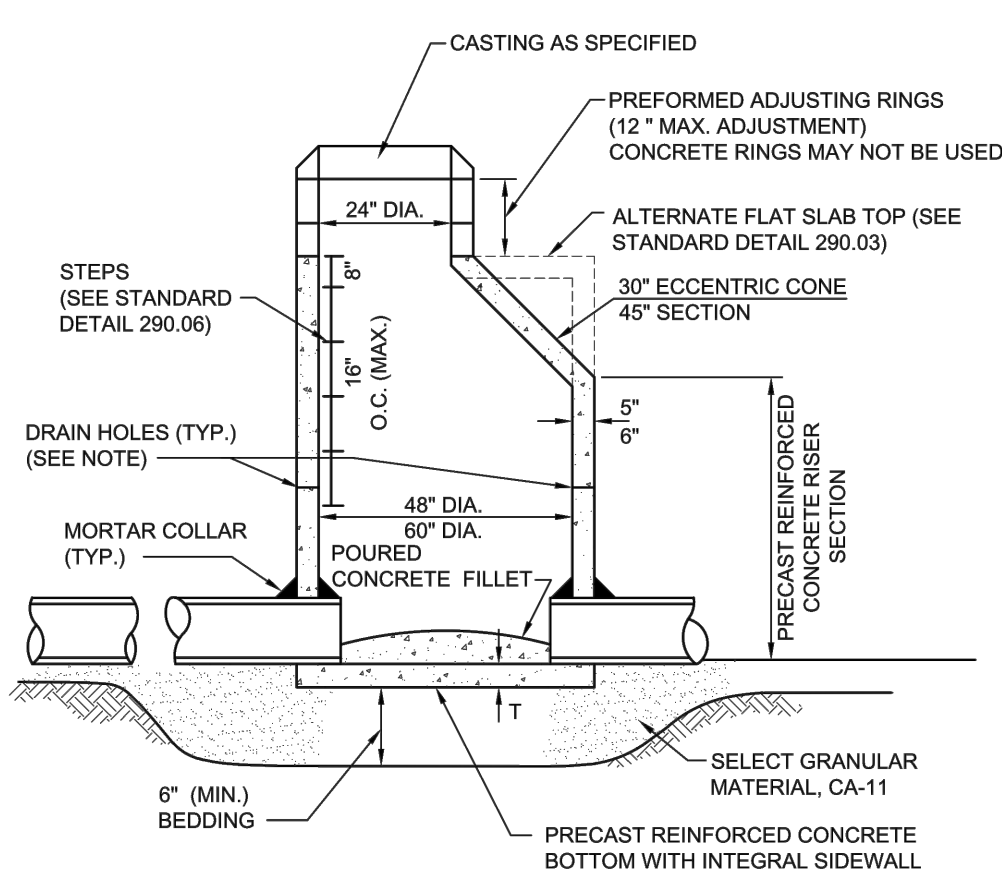
- COVER BENDS, REDUCERS AND OTHER PIPE-SHAPED APPURTENANCES WITH POLYETHYLENE IN THE SAME MANNER AS THE PIPE.
- WRAP VALVES, TEES AND OTHER ODD-SHAPED APPURTENANCES WITH A FLAT SHEET OR SPLIT LENGTH OF POLYETHYLENE TUBE BY PASSING THE SHEET UNDER THE APPURTENANCES AND BRINGING IT UP AROUND THE BODY. MAKE SEAMS BY BRINGING THE EDGES OF THE POLYETHYLENE SHEET TOGETHER, FOLDING OVER TWICE, AND TAPING DOWN.
- POLYETHYLENE ENCASUREMENT TO BE IN ACCORDANCE WITH A.W.W.A. C105-99OR LATEST VERSION.
- COPPER SERVICE TAPS ARE TO BE WRAPPED WITH POLYETHYLENE OR A SUITABLE DIELECTRIC APE FOR A MINIMUM CLEAR DISTANCE OF 3' AWAY FROM THE MAIN.

City of Naperville
STANDARD DETAIL
REVIS: 01/01/2013 SHEET 1 OF 1

POLYETHYLENE ENCASUREMENT
REVIS: 01/01/2013 SHEET 1 OF 1

WATER 15
490.15

WHEN MANHOLE DEPTH IS 12 FT OR LESS T = 8 INCHES
WHEN MANHOLE DEPTH IS OVER 12 FT. T = 10 INCHES

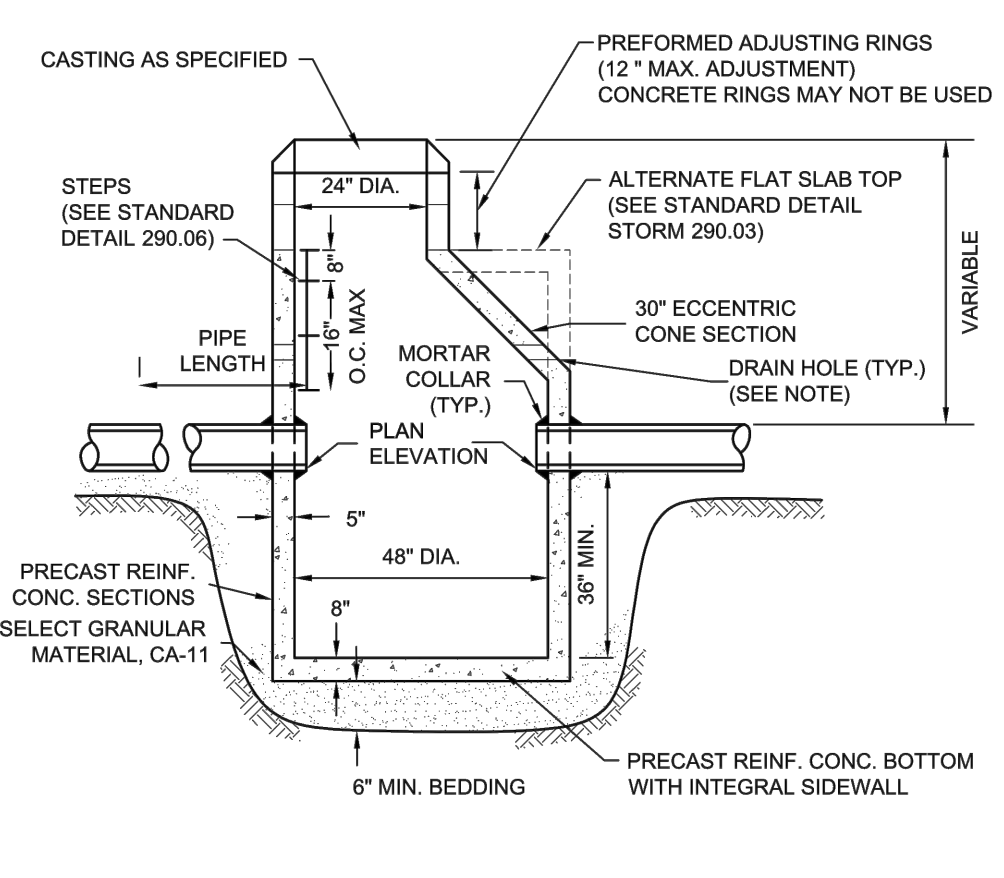


NOTE:
A MINIMUM OF 4 PRECAST OR DRILLED 1" DIAMETER HOLES SHALL BE PROVIDED WITHIN 1' OF THE LOWEST PIPE INVERT. THE HOLES SHALL BE DISTRIBUTED EQUIDISTANT AROUND THE PERIMETER OF THE STRUCTURE. A 1' BY 1' SQUARE OF UNDERDRAIN FILTER CLOTH MATERIAL SHALL BE FIXED OVER EACH DRAIN HOLE ON THE OUTSIDE OF THE STRUCTURE WITH MASTIC MATERIAL TO PREVENT SLIPPAGE DURING BACKFILLING.

City of Naperville
STANDARD DETAIL
REVIS: 08/01/2018 SHEET 1 OF 1

STORM MANHOLE - TYPE A
REVIS: 08/01/2018 SHEET 1 OF 1

STORM 1
290.01



NOTE:
A MINIMUM OF 4 PRECAST OR DRILLED 1" DIAMETER HOLES SHALL BE PROVIDED WITHIN 1' OF THE LOWEST PIPE INVERT. THE HOLES SHALL BE DISTRIBUTED EQUIDISTANT AROUND THE PERIMETER OF THE STRUCTURE. A 1' BY 1' SQUARE OF UNDERDRAIN FILTER CLOTH MATERIAL SHALL BE FIXED OVER EACH DRAIN HOLE ON THE OUTSIDE OF THE STRUCTURE WITH MASTIC MATERIAL TO PREVENT SLIPPAGE DURING BACKFILLING.

City of Naperville
STANDARD DETAIL
REVIS: 08/01/2018 SHEET 1 OF 1

CATCH BASIN - TYPE A
REVIS: 08/01/2018 SHEET 1 OF 1

STORM 2
290.02

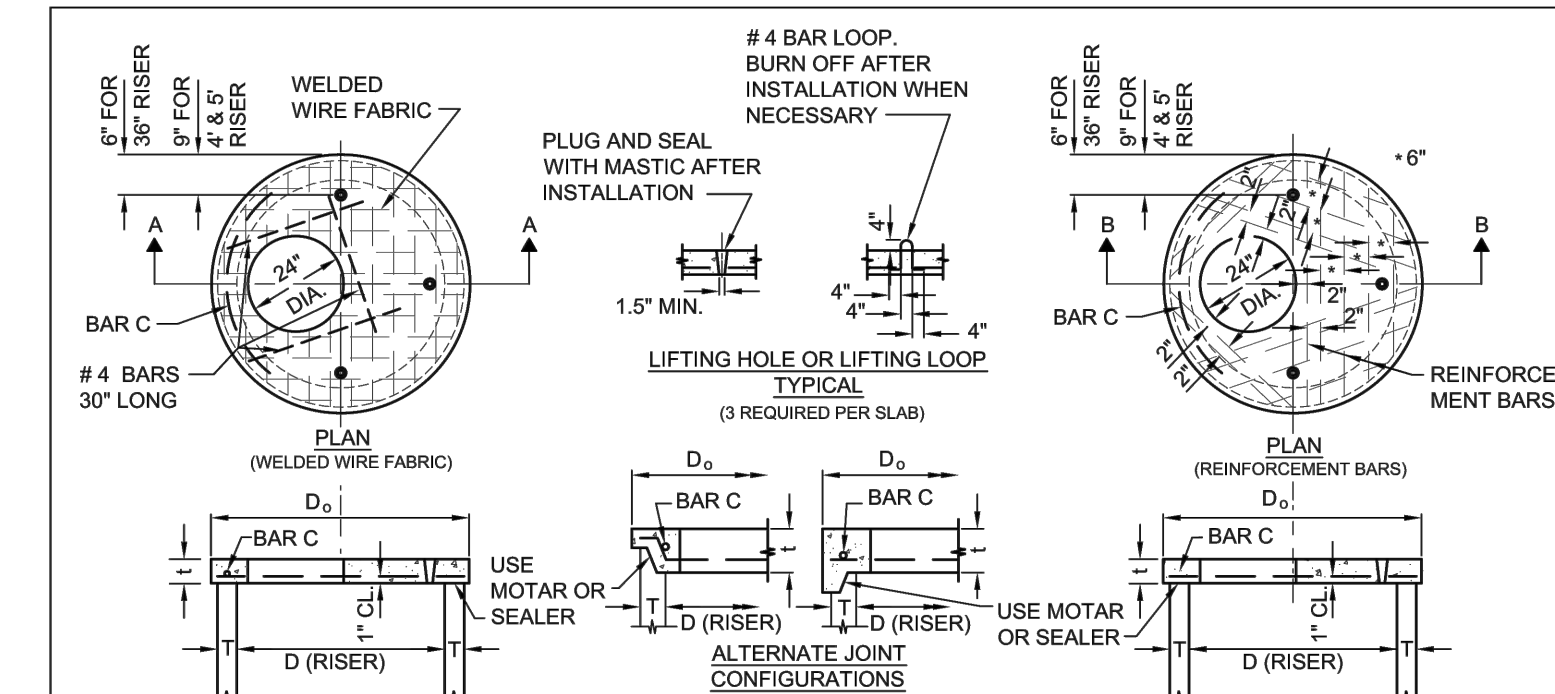


TABLE
REINFORCEMENT*
REINFORCEMENT* W/ EACH DIRECTION OR BAR SIZE LENGTH/RADIUS

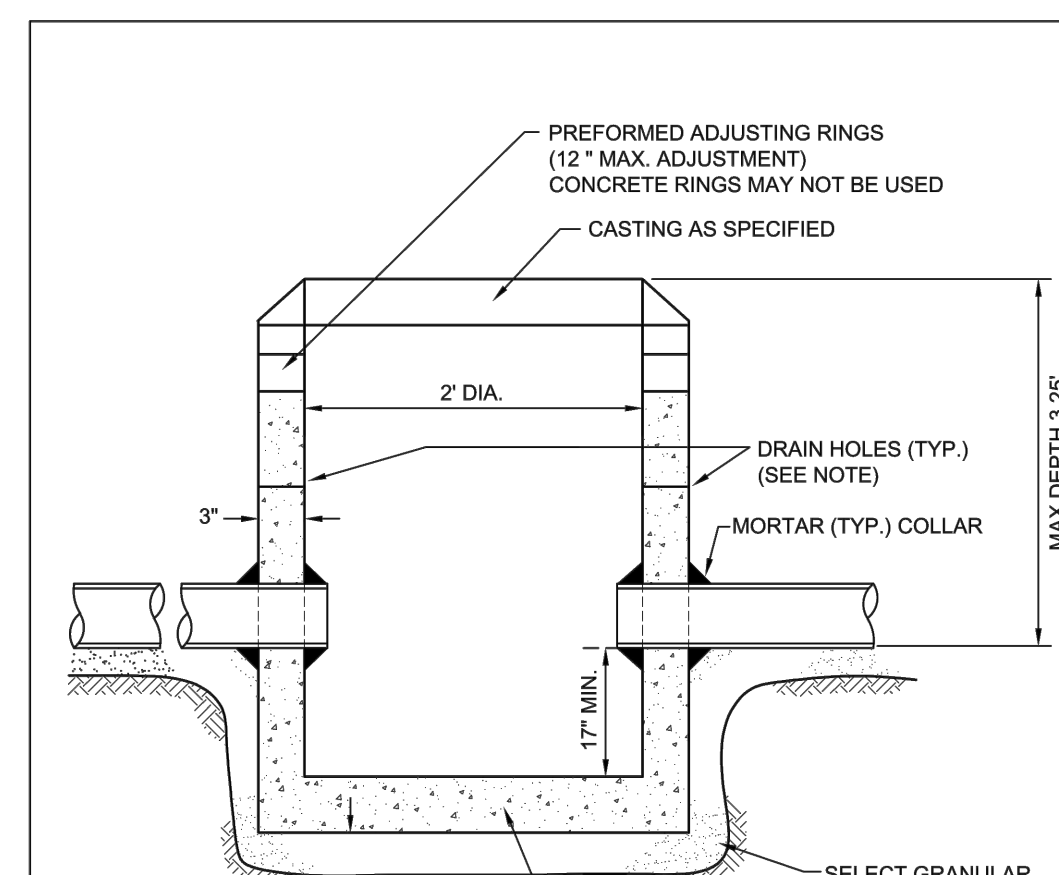
SEE SHEET	SPAN/SLAB DIM. (L x W)	REINFORCEMENT* W/ EACH DIRECTION OR BAR SIZE	LENGTH/RADIUS	#4 BAR C
3'	6'	#4 0.20 SQ. INCH/FT.	#4 48" 19"	
4'	6'	#5 0.35 SQ. INCH/FT.	#5 54" 26"	
6'	8'	#5 0.35 SQ. INCH/FT.	#5 60" 32"	

*NOTE: ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN

City of Naperville
STANDARD DETAIL
REVIS: 01/01/2013 SHEET 1 OF 1

FLAT SLAB TOP PRECAST REINFORCED CONCRETE
REVIS: 01/01/2013 SHEET 1 OF 1

STORM 3
290.03

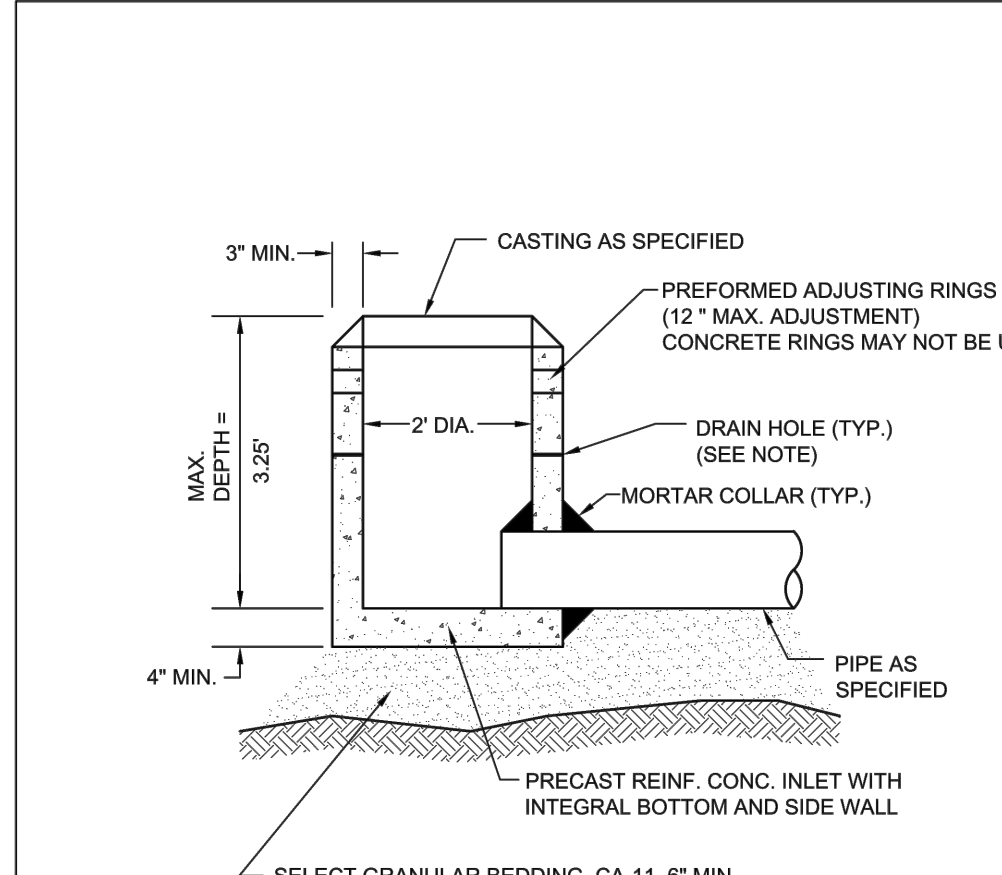


NOTE:
A MINIMUM OF 4 PRECAST OR DRILLED 1" DIAMETER HOLES SHALL BE PROVIDED WITHIN 1' OF THE LOWEST PIPE INVERT. THE HOLES SHALL BE DISTRIBUTED EQUIDISTANT AROUND THE PERIMETER OF THE STRUCTURE. A 1' BY 1' SQUARE OF UNDERDRAIN FILTER CLOTH MATERIAL SHALL BE FIXED OVER EACH DRAIN HOLE ON THE OUTSIDE OF THE STRUCTURE WITH MASTIC MATERIAL TO PREVENT SLIPPAGE DURING BACKFILLING.

City of Naperville
STANDARD DETAIL
REVIS: 08/01/2018 SHEET 1 OF 1

CATCH BASIN - TYPE C
REVIS: 08/01/2018 SHEET 1 OF 1

STORM 4
290.04

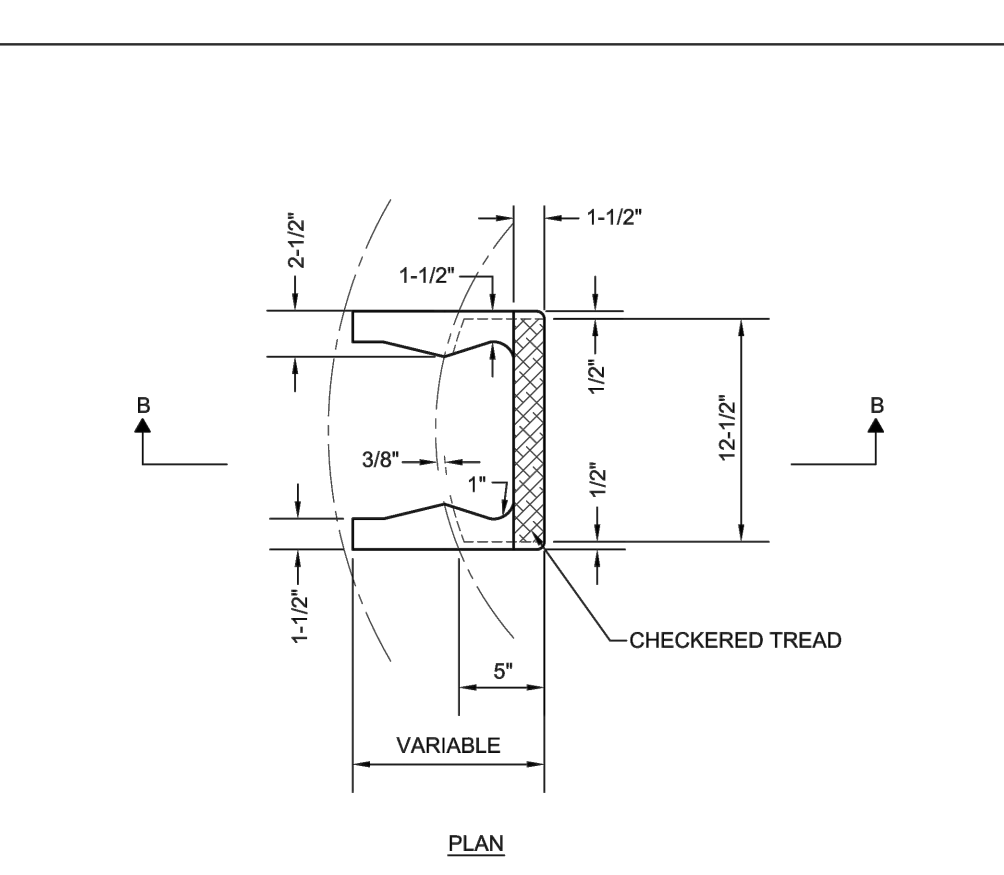


NOTE:
IN PAVED AREAS A MINIMUM OF 4 PRECAST OR DRILLED 1" DIAMETER HOLES SHALL BE PROVIDED WITHIN 1' OF THE LOWEST PIPE INVERT. THE HOLES SHALL BE DISTRIBUTED EQUIDISTANT AROUND THE PERIMETER OF THE STRUCTURE. A 1' BY 1' SQUARE OF UNDERDRAIN FILTER CLOTH MATERIAL SHALL BE FIXED OVER EACH DRAIN HOLE ON THE OUTSIDE OF THE STRUCTURE WITH MASTIC MATERIAL TO PREVENT SLIPPAGE DURING BACKFILLING.

City of Naperville
STANDARD DETAIL
REVIS: 08/01/2018 SHEET 1 OF 1

INLET - TYPE A
REVIS: 08/01/2018 SHEET 1 OF 1

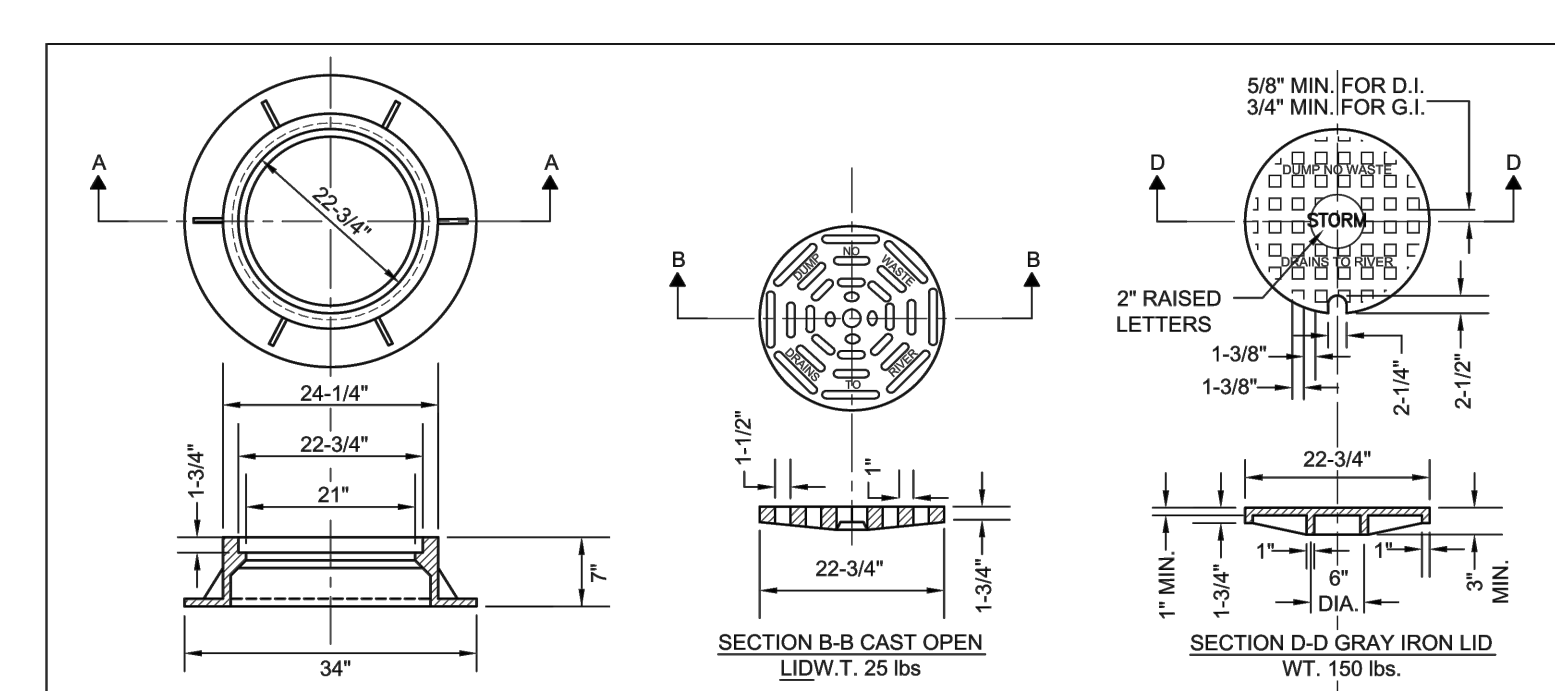
STORM 5
290.05



City of Naperville
STANDARD DETAIL
REVIS: 01/01/2013 SHEET 1 OF 1

CAST IRON STEPS
REVIS: 01/01/2013 SHEET 1 OF 1

STORM 6
290.06

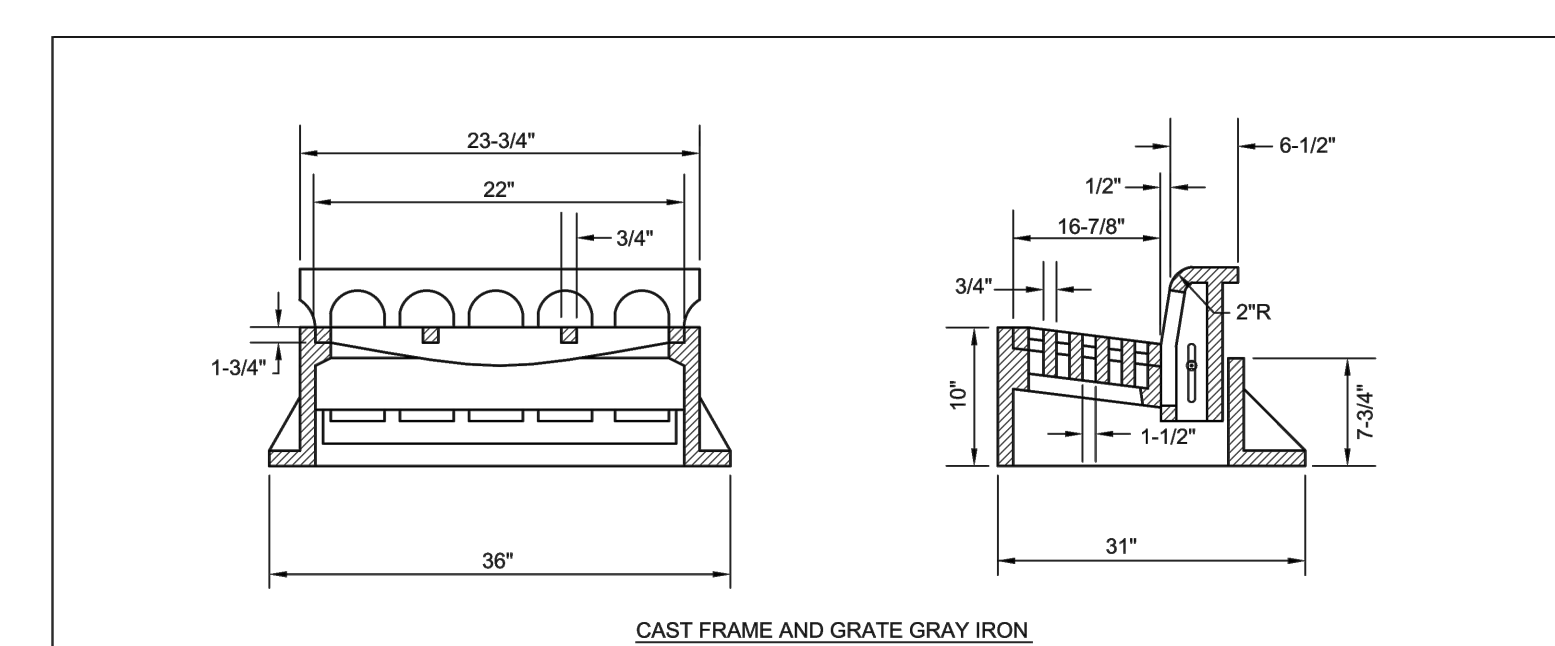


- NOTES:**
- FRAME AND GRATE (LID) SHALL BE NEENAH R-2502 FOR OPEN GRATES. R-1772 FOR CLOSED LIDS, EAST JORDAN 1022-2 WITH M-1 GRATE OR TYPE A SOLID COVER, OR EQUAL APPROVED BY THE CITY ENGINEER.
 - ALL LIDS AND COVERS SHALL HAVE MACHINED SURFACES AND SEATS.
 - ALL CASTINGS SHALL BE SHOP PAINTED WITH AN ASPHALTIC BASE PAINT.
 - ALL CASTINGS SHALL INCLUDE "DUMP NO WASTE. DRAINS TO RIVER".

City of Naperville
STANDARD DETAIL
REVIS: 08/15/2018 SHEET 1 OF 1

FRAME & LID OR GRATE
REVIS: 08/15/2018 SHEET 1 OF 1

STORM 10
290.10



- NOTES:**
- FRAME AND GRATE SHALL BE NEENAH R-3278-A, EAST JORDAN IRON 7220, OR EQUAL APPROVED BY THE CITY ENGINEER.
 - ALL CASTING SHALL BE SHOP PAINTED WITH AN ASPHALTIC BASE PAINT.
 - SEE STANDARD DETAIL 590.20 FOR CORRESPONDING CURB.
 - ALL CASTINGS SHALL INCLUDE "DUMP NO WASTE. DRAINS TO RIVER".

City of Naperville
STANDARD DETAIL
REVIS: 08/15/2018 SHEET 1 OF 1

FRAME & GRATE FOR B-6.12 CURB & GUTTER
REVIS: 08/15/2018 SHEET 1 OF 1

STORM 11
290.11

REVISIONS		PREPARED BY:	
1	6		
2	7		
3	8		
4	9		
5	10		

CLIENT: ARCHITECTUAL STUDIOS, LTD
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Orland Park, IL 60462
(708) 933-4200

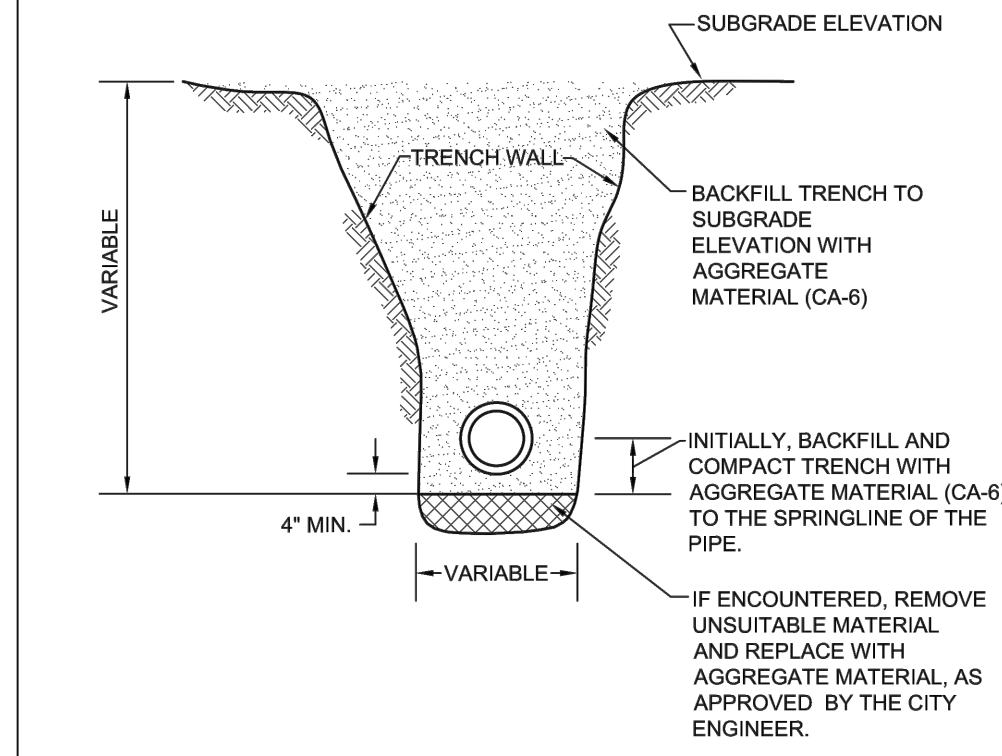
PROJECT: SITE DEVELOPMENT PLANS FOR
WU'S HOUSE RESTAURANT
LOT 2 OF BRADFORD COMMONS RESUBDIVISION OF
LOTS 5 & 6 SUBDIVISION
CITY OF NAPERVILLE, DUPAGE COUNTY, ILLINOIS

PROJECT NO: R990.02
DESIGNED BY: MRR
DATE: 7/21/2022
DRAWN BY: CRR
SCALE: N.T.S.
CHECKED BY: MRR

PROJECT NO: R990.02
DESIGNED BY: MRR
DATE: 7/21/2022
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CHECKED BY: MRR

CONSTRUCTION DETAILS

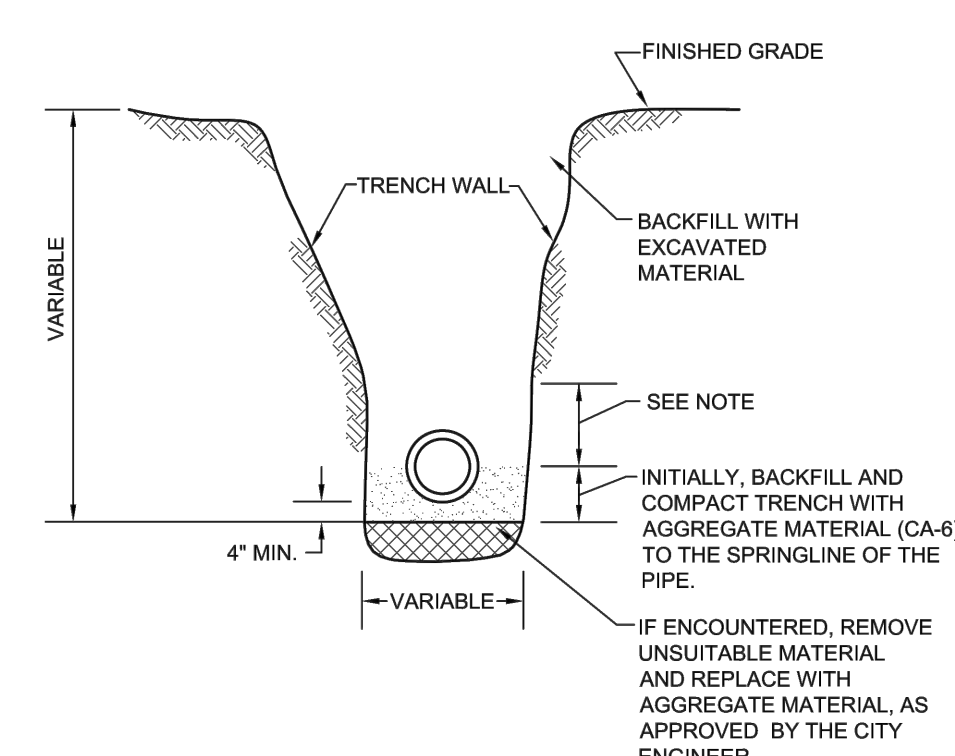
SHEET NO. 11 OF 13



NOTES:

1. TRENCH BACKFILL MATERIAL SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 550.07 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. THIS DETAIL SHALL BE USED WHEREVER THE TRENCH IS MADE IN THE PROPOSED ROADWAY SUBGRADE, AND WHEREVER THE INNER EDGE OF THE TRENCH IS CLOSER THAN 2' TO THE EDGE OF THE PROPOSED PAVEMENT, CURB AND GUTTER, AND SIDEWALK.

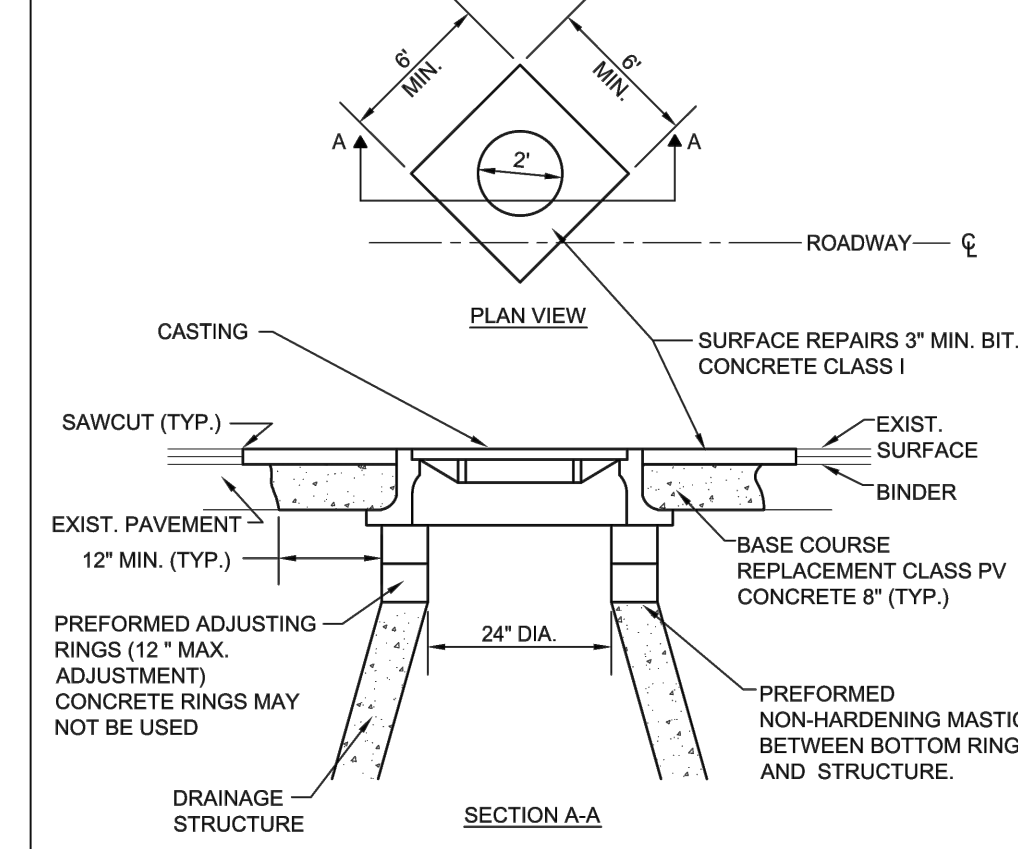
	City of Naperville STANDARD DETAIL	STORM SEWER TRENCH SECTION IN PAVED AREAS	STORM 20 REVISED: 01/01/2013 SHEET 1 OF 1	290.20



NOTE:

FOR PVC AND HDPE PIPE, BACKFILL WITH AGGREGATE MATERIAL (CA-6) TO 6" ABOVE THE TOP OF PIPE.

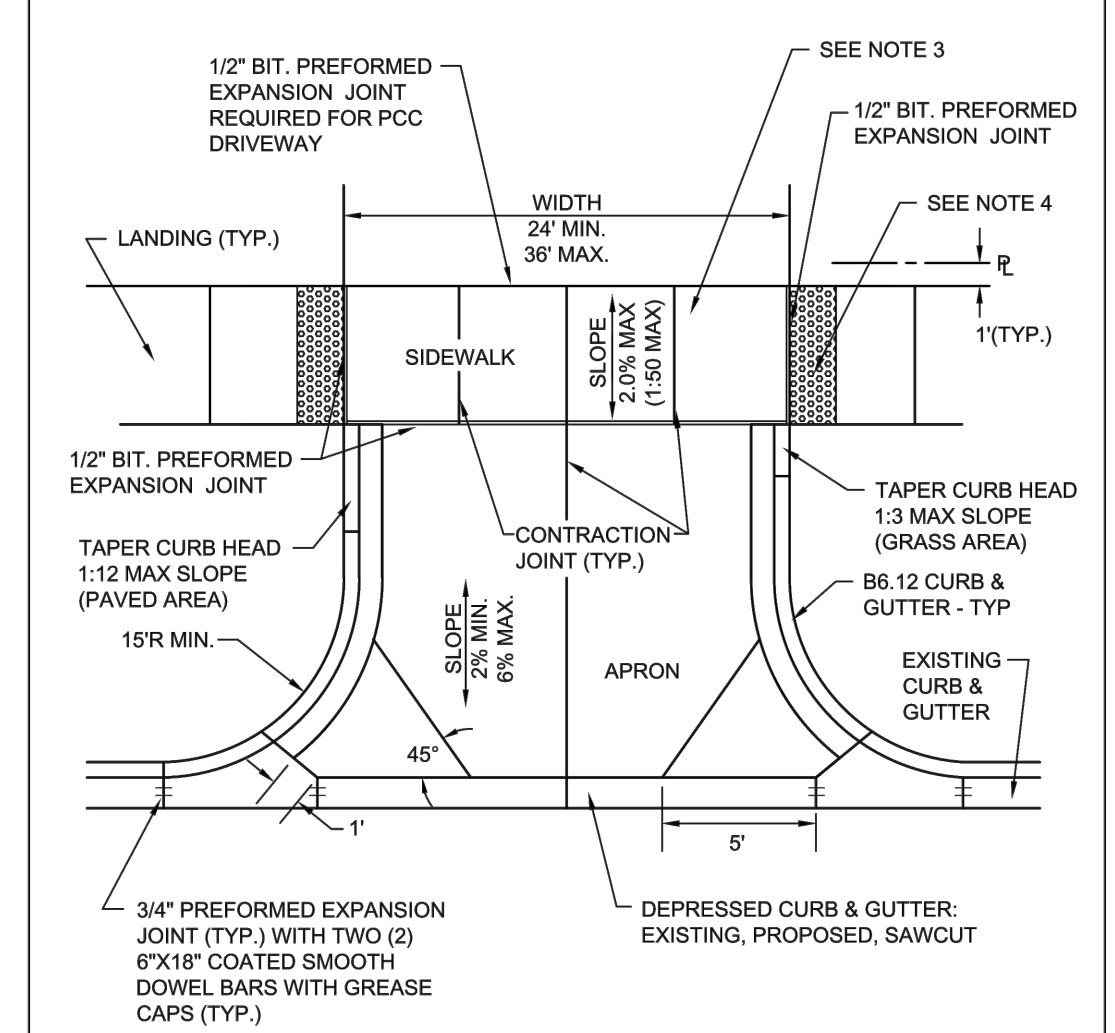
	City of Naperville STANDARD DETAIL	STORM SEWER TRENCH SECTION IN NON-PAVED AREAS	STORM 21 REVISED: 01/01/2013 SHEET 1 OF 1	290.21



NOTES:

1. ADJUSTMENTS SHALL BE PROTECTED BY A BARRICADE WITH TWO (2) LIGHTS, OR A 1" THICK STEEL PLATE SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR AT LOCATIONS WHERE ADJUSTMENTS ARE LOCATED IN TRAVEL LANES UNTIL THE SURFACE RESTORATION IS COMPLETE. THE PLATE SHALL BE PROTECTED FROM SLIDING AND SHALL HAVE BITUMINOUS RAMPS AS REQUIRED.
2. WHEN ADJUSTMENTS RAISE A CASTING ABOVE THE ELEVATION OF THE EXISTING PAVEMENT SURFACE, A BITUMINOUS MIXTURE SHALL BE PLACED AROUND THE CASTING, TRANSITIONED A DISTANCE OF 1' HORIZONTAL FOR EACH INCH OF VERTICAL DISTANCE ABOVE THE EXISTING PAVEMENT. SUCH RAMPS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL THE COMPLETION OF THE SURFACE RESTORATION.

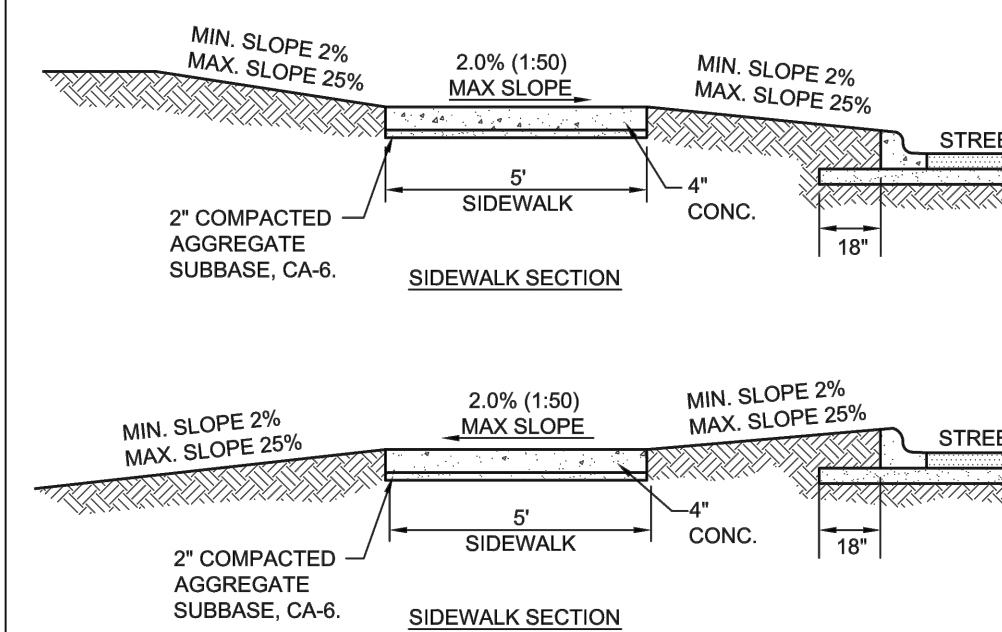
	City of Naperville STANDARD DETAIL	CASTING ADJUSTMENTS FOR STRUCTURES IN PAVED AREAS	STORM 15 REVISED: 08/01/2018 SHEET 1 OF 1	290.15



NOTES:

1. ALL AGGREGATE SUB-BASE SHALL BE MECHANICALLY COMPACTED.
2. SIDEWALK SHALL CONTINUE THROUGH DRIVEWAYS.
3. SIDEWALK THICKNESS ACROSS DRIVEWAYS SHALL BE A MINIMUM OF 8" PCC ON 4" AGGREGATE SUB-BASE.
4. EXPANSION JOINT MATERIAL MUST MATCH THE FULL DEPTH OF THE PAVEMENT.
5. DETECTABLE WARNINGS SHALL ONLY BE INSTALLED AT DRIVEWAYS WITH PERMANENT TRAFFIC CONTROL DEVICES.
6. SIDEWALK CONSTRUCTION SHALL FOLLOW APPLICABLE IDOT STANDARDS.
7. SIDEWALKS SHALL FOLLOW CURRENT ADA GUIDELINES.

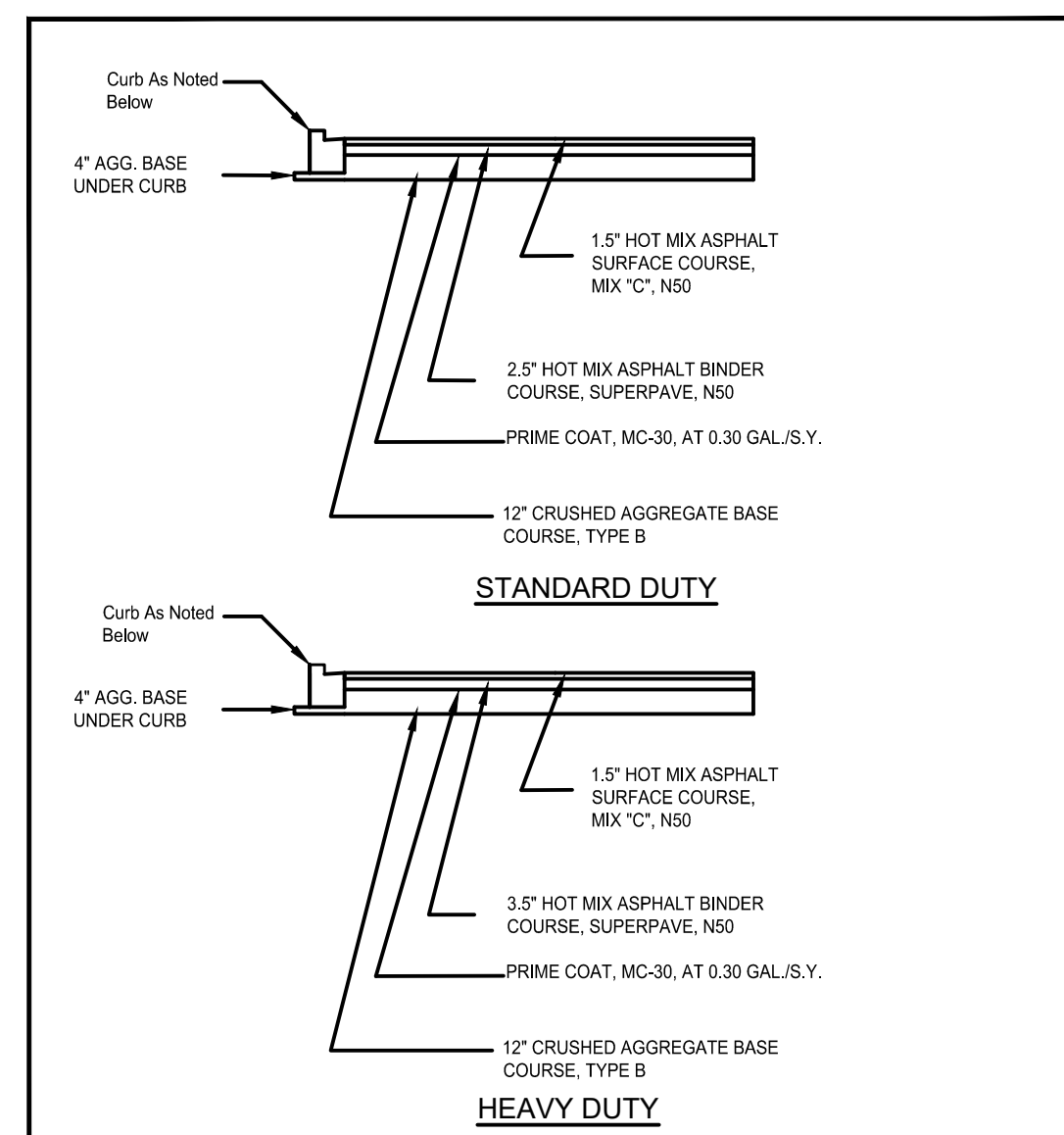
	City of Naperville STANDARD DETAIL	TYPICAL COMMERCIAL DRIVEWAY DETAIL	PAVEMENT 5 REVISED: 08/01/2018 SHEET 1 OF 1	590.05



NOTES:

1. CONCRETE SHALL BE IDOT CLASS SI.
2. MINIMUM SIDEWALK THICKNESS SHALL BE 4".
3. SIDEWALK THICKNESS ACROSS DRIVEWAYS SHALL BE AT A MINIMUM 6" FOR RESIDENTIAL DRIVEWAYS AND 8" FOR COMMERCIAL DRIVEWAYS.
4. MAXIMUM LONGITUDINAL SLOPE SHALL NOT EXCEED 5% (20:1). FOR ANY SLOPE IN EXCESS OF 5%, ALL REQUIREMENTS OF THE ILLINOIS ACCESSIBILITY CODE (LATEST EDITION) SHALL BE MET.
5. MINIMUM TRANSVERSE SLOPE SHALL BE 1.0% (1:100). MAXIMUM TRANSVERSE SLOPE SHALL BE 2.0% (1:50).
6. A MINIMUM 2" AGGREGATE SUBBASE (CA-6) SHALL BE PROVIDED, (4" THROUGH COMMERCIAL DRIVEWAYS).
7. AGGREGATE SUBBASE SHALL BE MECHANICALLY COMPACTED.
8. ALL SIDEWALKS SHALL BE PROMPTLY BACKFILLED AND PROTECTED FROM DAMAGE.
9. SIDEWALK CONSTRUCTION SHALL FOLLOW APPLICABLE IDOT STANDARDS.
10. SIDEWALKS SHALL FOLLOW CURRENT ADA GUIDELINES.

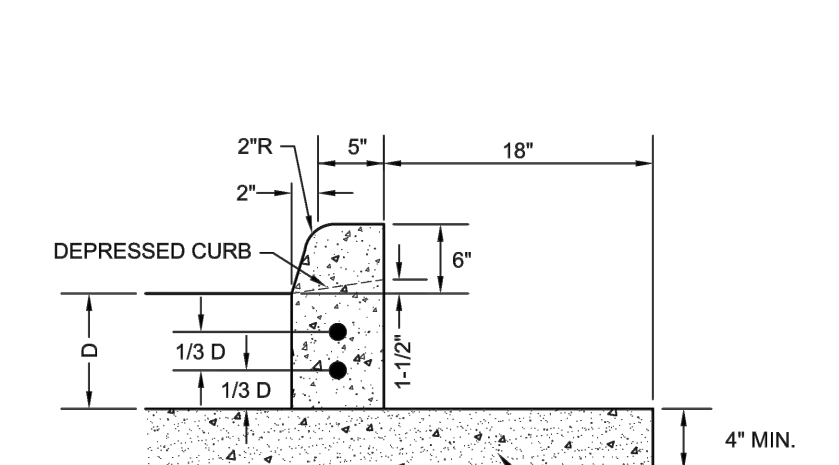
	City of Naperville STANDARD DETAIL	SIDEWALK	PAVEMENT 30 REVISED: 01/01/2013 SHEET 1 OF 1	590.30



NOTES:

1. TYPE B BARRIER CURB & GUTTER IN ACCORDANCE WITH THE DETAIL SHALL BE PROVIDED ALONG THE PERIMETER OF ALL PARKING LOTS, & PRIVATE DRIVES OR ROADWAYS. BARRIER CURBS IN ACCORDANCE WITH THE VILLAGE DETAIL MAY BE USED AT INTERIOR PARKING LOT ISLANDS.
2. A CONCRETE CROSS SECTION MAY BE SUBMITTED FOR CONSIDERATION AND APPROVAL BY THE VILLAGE ENGINEER.

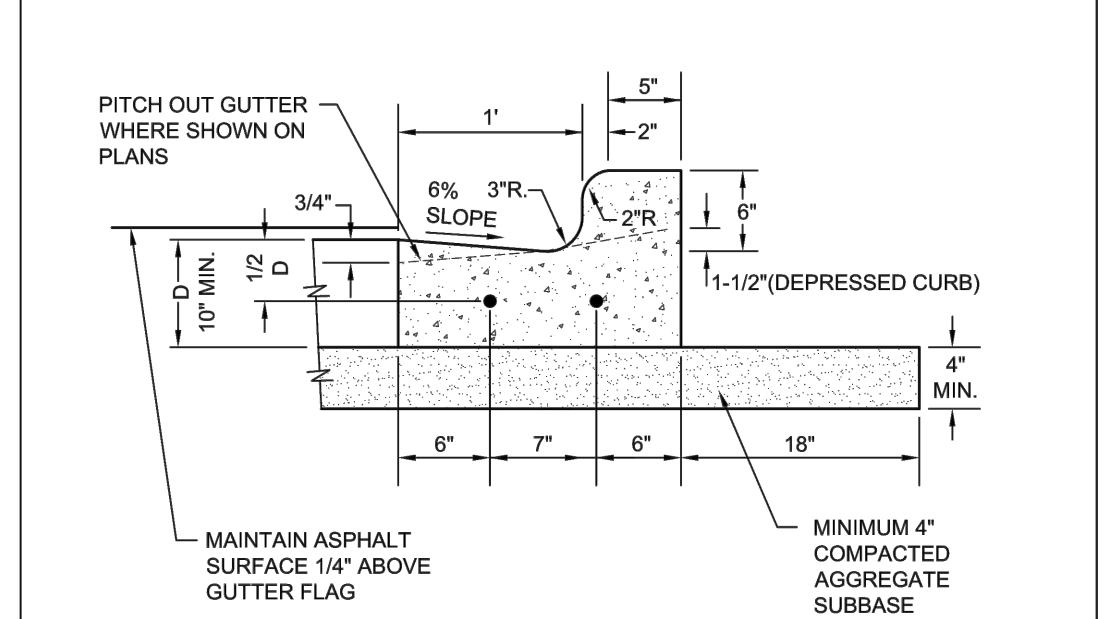
STANDARD DETAIL FOR PARKING LOT CROSS-SECTION
REV: 3 DATE: JANUARY 2018 FILE: TRANSCOMSEC1



NOTES:

1. 3/4" PREFORMED BITUMINOUS EXPANSION JOINT WITH TWO (2) NUMBER 6 COATED SMOOTH DOWEL BARS (3/4" DIA. X 18") WITH GREASE CAPS SHALL BE PLACED EVERY 150', 10' EITHER SIDE OF DRAINAGE STRUCTURES, P.C.'S, RADIUS POINTS AND BACK OF CUL-DE-SACS. WHEN EXPANSION JOINTS ARE CONSTRUCTED ADJACENT TO EXISTING CURB & GUTTER THE EXISTING CURB SHALL BE DRILLED AND TWO (2) NUMBER 6 COATED SMOOTH DOWEL BARS (3/4" X 18") GROUTED IN PLACE. GREASE CAPS SHALL BE PLACED ON THE SIDE OF THE NEW CURB AND GUTTER SHALL HAVE A PINCHED STOP THAT WILL PROVIDE A MINIMUM 1" EXPANSION.
2. TOOLED CONTROL JOINTS OR SAWCUTS SHALL BE MADE EVERY 15'.
3. SAWCUTS SHALL BE MADE WITHIN TWENTY-FOUR (24) HOURS AND SEALED WITH A CITY APPROVED JOINT SEALANT. JOINTS SHALL BE CLEAN AND DRY PRIOR TO APPLICATION OF SEALANT.
4. FOR CURB AND GUTTER CONSTRUCTED OVER UTILITY TRENCHES, TWO (2) EPOXY COATED REINFORCING BARS (NO. 4) SHALL BE PLACED IN THE CURB AND GUTTER, CENTERED OVER THE TRENCH.

	City of Naperville STANDARD DETAIL	TYPE B BARRIER CURB	PAVEMENT 23 REVISED: 01/01/2013 SHEET 1 OF 1	590.23



NOTES:

1. 3/4" PREFORMED BITUMINOUS EXPANSION JOINT WITH TWO (2) NUMBER 6 COATED SMOOTH DOWEL BARS (3/4" DIA. X 18") WITH GREASE CAPS SHALL BE PLACED EVERY 150', 10' EITHER SIDE OF DRAINAGE STRUCTURES, P.C.'S, RADIUS POINTS AND BACK OF CUL-DE-SACS. WHEN EXPANSION JOINTS ARE CONSTRUCTED ADJACENT TO EXISTING CURB & GUTTER THE EXISTING CURB SHALL BE DRILLED AND TWO (2) NUMBER 6 COATED SMOOTH DOWEL BARS (3/4" X 18") GROUTED IN PLACE. GREASE CAPS SHALL BE PLACED ON THE SIDE OF THE NEW CURB AND GUTTER SHALL HAVE A PINCHED STOP THAT WILL PROVIDE A MINIMUM 1" EXPANSION.
2. TOOLED CONTROL JOINTS OR SAWCUTS SHALL BE MADE EVERY 15'.
3. SAWCUTS SHALL BE MADE WITHIN TWENTY-FOUR (24) HOURS AND SEALED WITH A CITY APPROVED JOINT SEALANT. JOINTS SHALL BE CLEAN AND DRY PRIOR TO APPLICATION OF SEALANT.
4. FOR CURB AND GUTTER CONSTRUCTED OVER UTILITY TRENCHES, TWO (2) EPOXY COATED REINFORCING BARS (NO. 4) SHALL BE PLACED IN THE CURB AND GUTTER, CENTERED OVER THE TRENCH.

	City of Naperville STANDARD DETAIL	B6.12 BARRIER CURB & GUTTER	PAVEMENT 20 REVISED: 01/01/2013 SHEET 1 OF 1	590.20

Y:\0301\2022\030102\030102 Development Plans - App Package\Friday, September 09, 2022 - Layout details (2)

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CLIENT:

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PROJECT:

SITE DEVELOPMENT PLANS FOR
WU'S HOUSE RESTAURANT
 LOT 2 OF BRADFORD COMMONS RESUBDIVISION OF
 LOTS 5 & 6 SUBDIVISION
 CITY OF NAPERVILLE, DUPAGE COUNTY, ILLINOIS

PROJECT NO:

R990.02
 DATE: 7/21/2022
 SCALE: N.T.S.

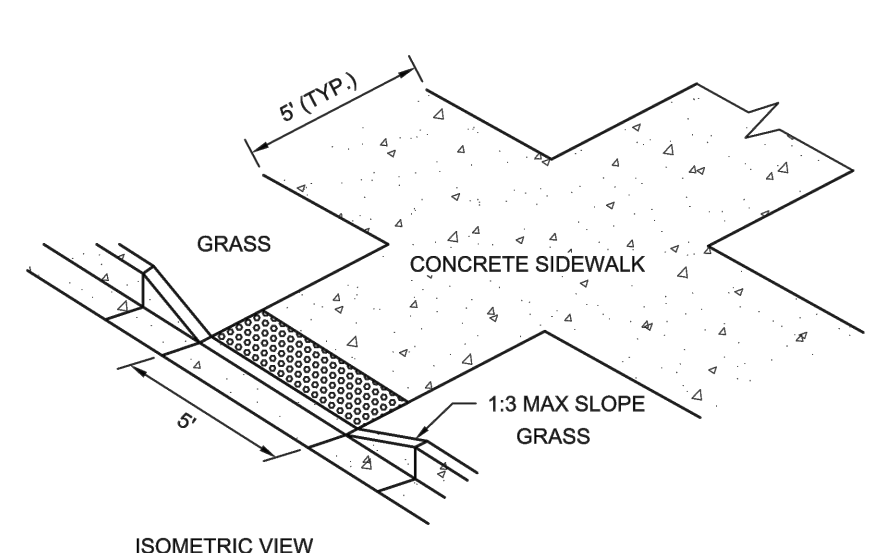
DESIGNED BY:

MRR
 DRAWN BY: CRR
 CHECKED BY: MRR

CONSTRUCTION
DETAILS

SHEET NO.

12 of 13

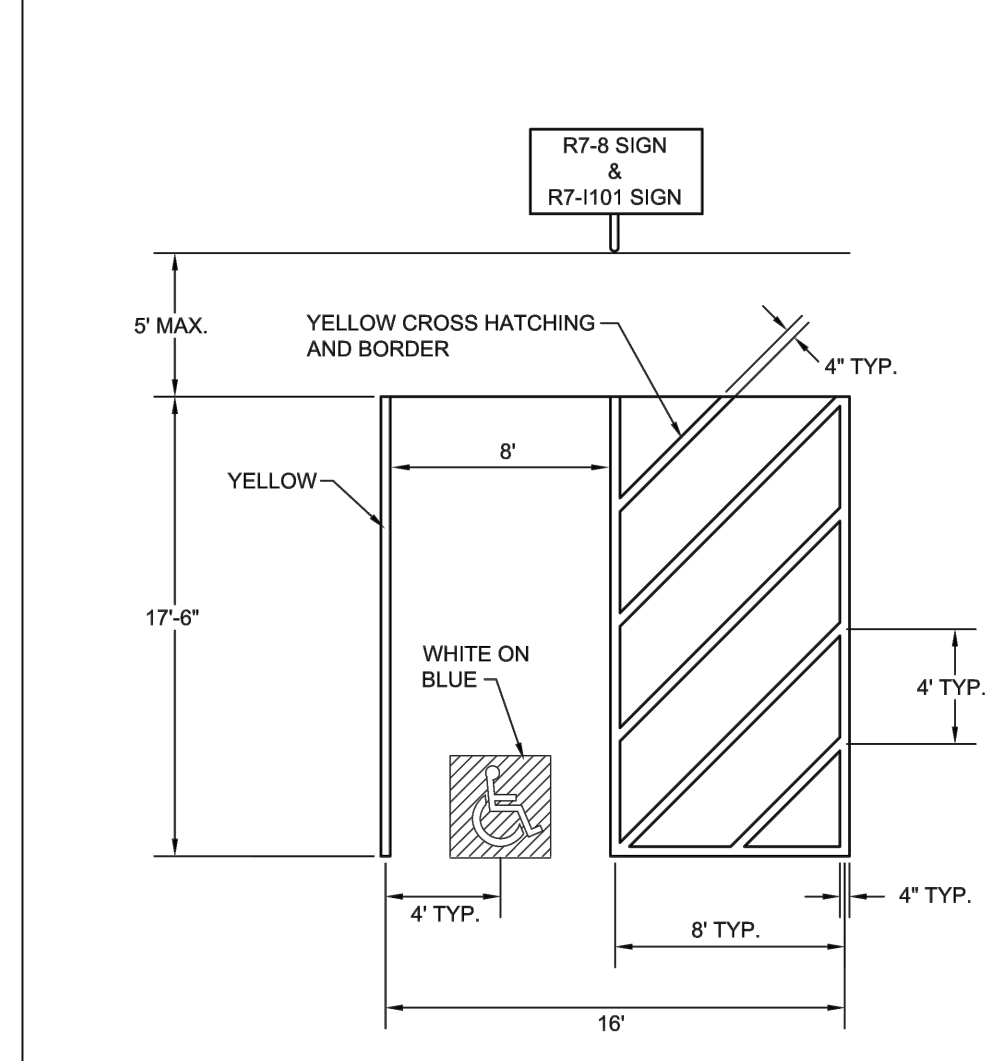


- NOTES:**
1. ALL AGGREGATE SUB-BASE SHALL BE MECHANICALLY COMPACTED.
 2. SIDEWALK THICKNESS AT CURB RAMPS SHALL BE A MINIMUM OF 6" PCC ON 2" AGGREGATE SUB-BASE.
 3. SIDEWALK CONSTRUCTION SHALL FOLLOW APPLICABLE IDOT STANDARDS.
 4. SIDEWALKS SHALL FOLLOW CURRENT ADA GUIDELINES.

- APPLICABLE IDOT STANDARD DETAILS (USE LATEST REVISION):**
- | | |
|-----------|--------------------------------------------------------|
| 424001-XX | PERPENDICULAR CURB RAMPS FOR SIDEWALKS |
| 424006-XX | DIAGONAL CURB RAMPS FOR SIDEWALKS |
| 424011-XX | CORNER PARALLEL CURB RAMPS FOR SIDEWALKS |
| 424016-XX | MID-BLOCK CURB RAMPS FOR SIDEWALKS |
| 424021-XX | DEPRESSED CORNER FOR SIDEWALKS |
| 424026-XX | ENTRANCE/ALLEY PEDESTRIAN CROSSINGS |
| 424031-XX | MEDIAN PEDESTRIAN CROSSINGS |
| 606001-XX | CONCRETE CURB TYPE B AND COMB CONCRETE CURB AND GUTTER |

- APPROVED ADA DETECTABLE WARNING TILES:**
1. ADA SOLUTIONS - CAST IN PLACE REPLACEABLE
 2. ARMOR TILE - CAST IN PLACE
 3. DETECTILE - SUMTEK II
 4. TUFTILE - POLYMER WET-SET

City of Naperville STANDARD DETAIL	CURB RAMPS	PAVEMENT 32
	REVIS: 08/01/2018	SHEET 1 OF 1

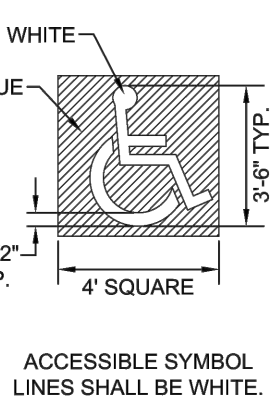


NOTE:
FOR MULTIPLE ACCESSIBLE PARKING SPACES IN A ROW, THE DESIGN ENGINEER HAS THE OPTION OF USING THE ABOVE SHOWN UNIT IN A COMBINATION OF LEFT-HANDED AND RIGHT-HANDED LAYOUTS IF IT PROVIDES FOR BETTER SITE DESIGN.

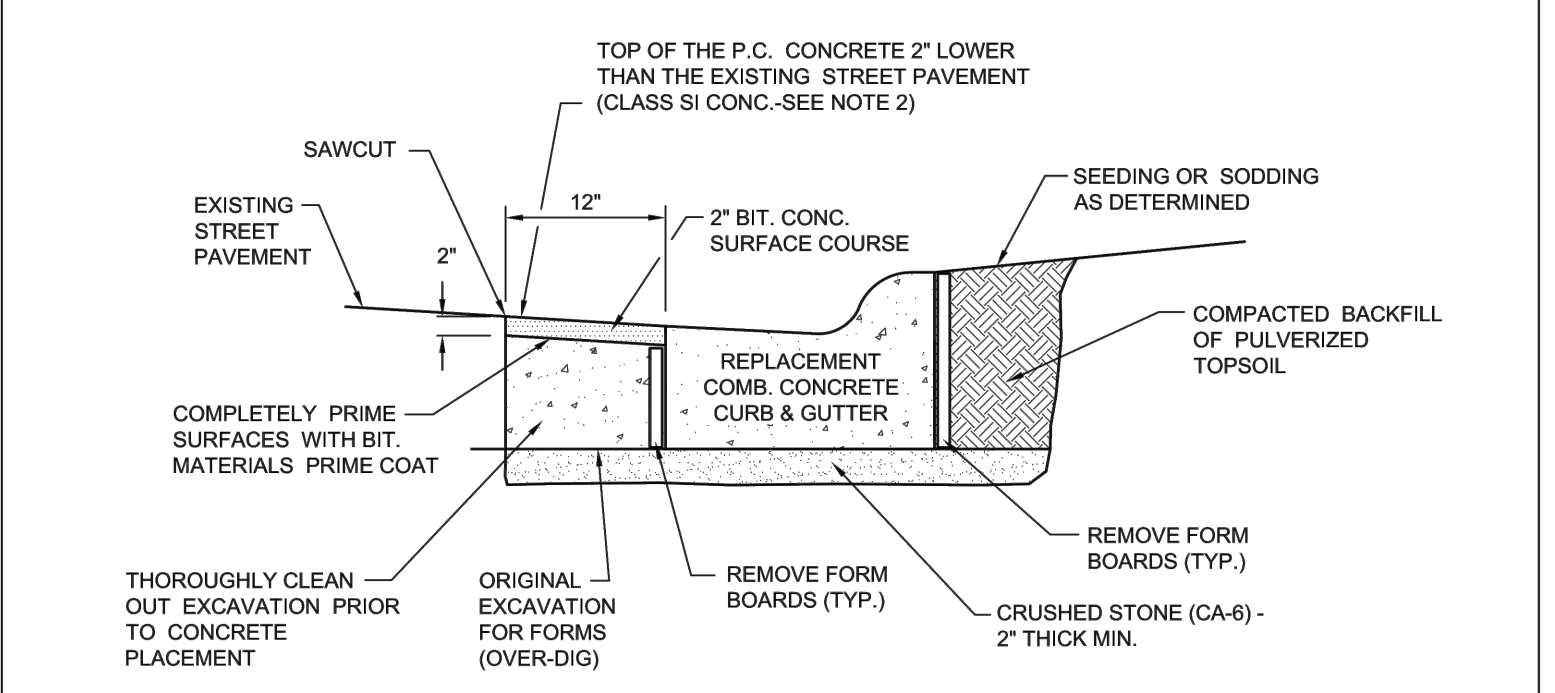
City of Naperville STANDARD DETAIL	ACCESSIBLE PARKING SPACE MARKINGS	PAVEMENT 35
	REVIS: 01/01/2013	SHEET 2 OF 4

- NOTES FOR ACCESSIBLE PARKING SPACES:**
1. EACH PARKING SPACE SHALL BE AT LEAST 16' WIDE, WITH AN 8' WIDE ACCESS AISLE.
 2. ADJACENT ACCESSIBLE PARKING SHALL NOT SHARE A COMMON ACCESS AISLE.
 3. SIGNS SHALL BE VERTICALLY MOUNTED ON A PERMANENT POST OR A WALL AT THE FRONT CENTER BETWEEN THE SPACE AND THE ACCESS AISLE NO MORE THAN 5' HORIZONTALLY FROM THE FRONT OF A PARKING SPACE AND SET A MINIMUM OF 4' FROM THE FINISHED GRADE TO THE BOTTOM OF THE "\$250 FINE" SIGN.
 4. ACCESSIBLE PARKING SIGNS SHALL ALSO EXHIBIT THE WORDS "\$250 FINE".
 5. PARKING SPACES DESIGNED FOR PERSONS WITH DISABILITIES AND ACCESSIBLE PASSENGER LOADING ZONES THAT SERVE A PARTICULAR BUILDING, SHALL BE LOCATED ON THE SHORTEST POSSIBLE ACCESSIBLE CIRCULATION ROUTE TO AN ACCESSIBLE ENTRANCE OF THE BUILDING.
 6. IN SEPARATE PARKING STRUCTURES OR LOTS THAT DO NOT SERVE A PARTICULAR BUILDING, PARKING SPACES FOR PERSONS WITH DISABILITIES SHALL BE LOCATED ON THE SHORTEST POSSIBLE CIRCULATION ROUTE TO AN ACCESSIBLE PEDESTRIAN ENTRANCE OF THE PARKING FACILITY.

TOTAL OFF STREET PARKING SPACES REQUIRED	REQUIRED MINIMUM NUMBER OF ACCESSIBLE PARKING SPACES
1 TO 25	1
26 TO 50	2
51 TO 75	3
76 TO 100	4
101 TO 150	5
151 TO 200	6
201 TO 300	7
301 TO 400	8
401 TO 500	9
501 TO 1000	2% OF TOTAL NUMBER
OVER 1000	20 PLUS 1 FOR EACH 100 OVER 1000

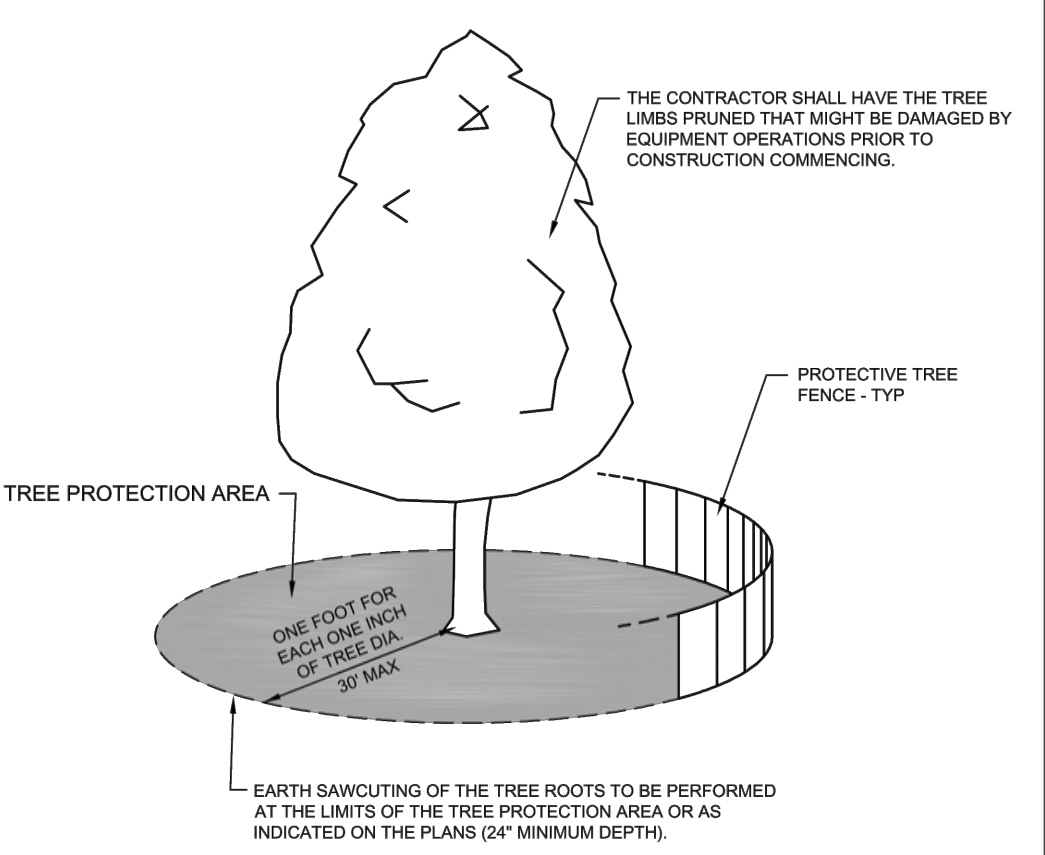


City of Naperville STANDARD DETAIL	ACCESSIBLE PARKING SPACE MARKINGS	PAVEMENT 35
	REVIS: 01/01/2013	SHEET 4 OF 4



- NOTES:**
1. THE COMPLETE REPAIR OF PAVEMENTS ADJACENT TO THE REPLACEMENT CONCRETE CURB AND GUTTER IS INCLUDED IN THE COST OF THE NEW CURB AND GUTTER.
 2. CLASS SI CONCRETE SHALL BE POURED SEPARATELY FROM THE CURB ONCE THE FORM BOARDS HAVE BEEN REMOVED.

City of Naperville STANDARD DETAIL	CURB REPLACEMENT	PAVEMENT 24
	REVIS: 05/15/2015	SHEET 1 OF 1



- NOTES:**
1. A TREE PROTECTION AREA SHALL BE ESTABLISHED AROUND A TREE A DISTANCE OF ONE FOOT FOR EACH ONE INCH OF TREE DIAMETER, UP TO A MAXIMUM OF 38 FEET.
 2. PROTECTIVE TREE FENCE SHALL BE INSTALLED AT THE LIMITS OF THE TREE PROTECTION AREA. THE FENCE SHALL BE HIGH ENOUGH SO AS TO BE VISIBLE TO ALL CONSTRUCTION PERSONNEL.
 3. GRADE CHANGES, UTILITY TRENCHES, STORAGE OF CONSTRUCTION MATERIAL, DUMPING OF WASTE, OR OPERATION OR STORAGE OF ANY EQUIPMENT SHALL NOT BE ALLOWED WITHIN THE TREE PROTECTION AREA.
 4. AUGURING IS REQUIRED IF A UTILITY MUST BE INSTALLED WITHIN THE TREE PROTECTION AREA. AUGURED UTILITIES MUST BE A MINIMUM OF 24 INCHES BELOW GRADE.
 5. ALL TREES TO BE SAVED WHICH HAVE BEEN SUBJECTED TO CONSTRUCTION ACTIVITY WITHIN THE TREE PROTECTION AREA SHOULD BE SELECTIVELY THINNED 10% BY AN ARBORIST SKILLED AT THE SELECTIVE THINNING PROCEDURE. NONE OF THE TREES SHALL BE TOPPED, HEADED BACK, SKINNED (REMOVAL OF THE INTERIOR BRANCHES), OR CLIMBED WITH SPIKES. ALL DEAD WOOD SHOULD BE REMOVED TO AVOID HAZARD.
 6. IT IS RECOMMENDED THAT FOLLOWING CONSTRUCTION, TREES BE MAINTAINED IN THEIR NATIVE CONDITION. NO LAWN SHOULD BE PLACED AROUND THE TREES. IT IS RECOMMENDED THAT THE AREA BE MULCHED WITH 2 INCHES OF DECOMPOSED LEAVES AND 2 INCHES OF WOOD CHIPS OR BARK.

City of Naperville STANDARD DETAIL	TREE PROTECTION	LANDSCAPE 10
	REVIS: 08/01/2018	SHEET 1 OF 1

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CONSTRUCTION DETAILS