

LEGEND

PROPERTY LINE PROPOSED CHAIN LINK FENCE SETBACK LINE

RETAINING WALL

PROPOSED CURB AND GUTTER PROPOSED LANDSCAPING

PROPOSED STANDARD DUTY ASPHALT

PROPOSED STORMWATER MANAGEMENT AREA

PROPOSED CONCRETE PAVEMENT

PROPOSED CONCRETE SIDEWALK REMOVE AND REPLACE EXISTING PAVEMENT OR CURB AND GUTTER FOR PROPOSED UTILITY SERVICE EXCAVATIONS, MATC

STANDARDS AND RE-STRIPE PAVEMENT MARKINGS

EXISTING PAVEMENT SECTION PER CITY OF BLOOMINGTON

12 STALLS / 13 STALLS

BID ALTERNATE AREA

PROPERTY SUMMARY

BEST BUY DISTRIBUTION CENTER

TOTAL PROPERTY AREA	1,611,728 SF (37.00 AC)
ADDED IMPERVIOUS AREA	24,632 SF (0.56 AC)
ADDED PERVIOUS AREA	27,370 SF (0.63 AC)

ZONING SUMMAR	RY
EXISTING ZONING	IP - INDUSTRIAL PARK
PROPOSED ZONING	IP - INDUSTRIAL PARK
DADIZING	

PARKING	
EXISTING PARKING	228 SPACES
PROPOSED PARKING	332 SPACES
PROOF OF PARKING	377 SPACES
TOTAL PARKING	937 SPACES

SITE PLAN NOTES

ADA STALLS REQ'D / PROVIDED

- 1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
- ALL INNER CURBED RADII ARE TO BE 3' AND OUTER CURBED RADII ARE TO BE 10' UNLESS OTHERWISE NOTED. STRIPED RADII ARE TO BE 5'.
- 4. ALL DIMENSIONS AND RADII ARE TO THE FACE OF CURB UNLESS OTHERWISE
- EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE ABANDONED, REMOVED OR RELOCATED AS NECESSARY. ALL COST SHALL BE INCLUDED IN BASE
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, (UNLESS OTHERWISE NOTED ON PLANS) INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES REQUIREMENTS AND PROJECT SITE WORK SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
- SITE BOUNDARY, TOPOGRAPHY, UTILITY AND ROAD INFORMATION TAKEN FROM A SURVEY BY EFN, DATED 01/22/2020. SURVEY BASED ON NAVD88 DATUM.
- KIMLEY-HORN ASSUMES NO LIABILITY FOR ANY ERRORS, INACCURACIES, OR OMISSIONS CONTAINED THEREIN.
- PYLON / MONUMENT SIGNS SHALL BE CONSTRUCTED BY OTHERS. SIGNS ARE SHOWN FOR GRAPHICAL & INFORMATIONAL PURPOSES ONLY. CONTRACTOR TO VERIFY SIZE, LOCATION AND ANY REQUIRED PERMITS NECESSARY FOR THE CONSTRUCTION OF THE PYLON / MONUMENT SIGN.
- CONTRACTOR SHALL REFERENCE ARCH / MEP PLANS FOR SITE LIGHTING AND ELECTRICAL PLAN.
- 10. NO PROPOSED LANDSCAPING SUCH AS TREES OR SHRUBS, ABOVE AND UNDERGROUND STRUCTURES, OR OTHER OBSTRUCTIONS SHALL BE LOCATED WITHIN EXISTING OR PROPOSED UTILITY EASEMENTS AND RIGHTS OF WAY UNLESS SPECIFICALLY NOTED ON PLANS OTHERWISE.
- 11. REFERENCE ARCHITECTURAL PLANS FOR DUMPSTER ENCLOSURE DETAILS.
- 12. REFER TO FINAL PLAT OR ALTA SURVEY FOR EXACT LOT AND PROPERTY BOUNDARY DIMENSIONS.
- 13. ALL AREAS ARE ROUNDED TO THE NEAREST SQUARE FOOT.
- 14. ALL DIMENSIONS ARE ROUNDED TO THE NEAREST TENTH FOOT.
- 16. CONTRACTOR SHALL OBTAIN A PUBLIC WORKS PERMIT FOR OBSTRUCTIONS AND CONCRETE WORK WITHIN THE RIGHT-OF-WAY. PERMIT IS REQUIRED PRIOR TO

REMOVALS OR INSTALLATION. CONTACT SEAN JENKINS (952-563-4545,

SJENKINS@BLOOMINGTONMN.GOV) FOR PERMIT INFORMATION.

15. ALL PARKING STALLS TO BE 9' IN WIDTH AND 20' IN LENGTH UNLESS OTHERWISE

ALL CONSTRUCTION AND POST-CONSTRUCTION PARKING AND STORAGE OF EQUIPMENT AND MATERIALS MIST BE ON-SITE. USE OF PUBLIC STREETS FOR PRIVATE CONSTRUCTION PARKING, LOADING/UNLOADING, AND STORAGE WILL NOT **Kimley Horn**

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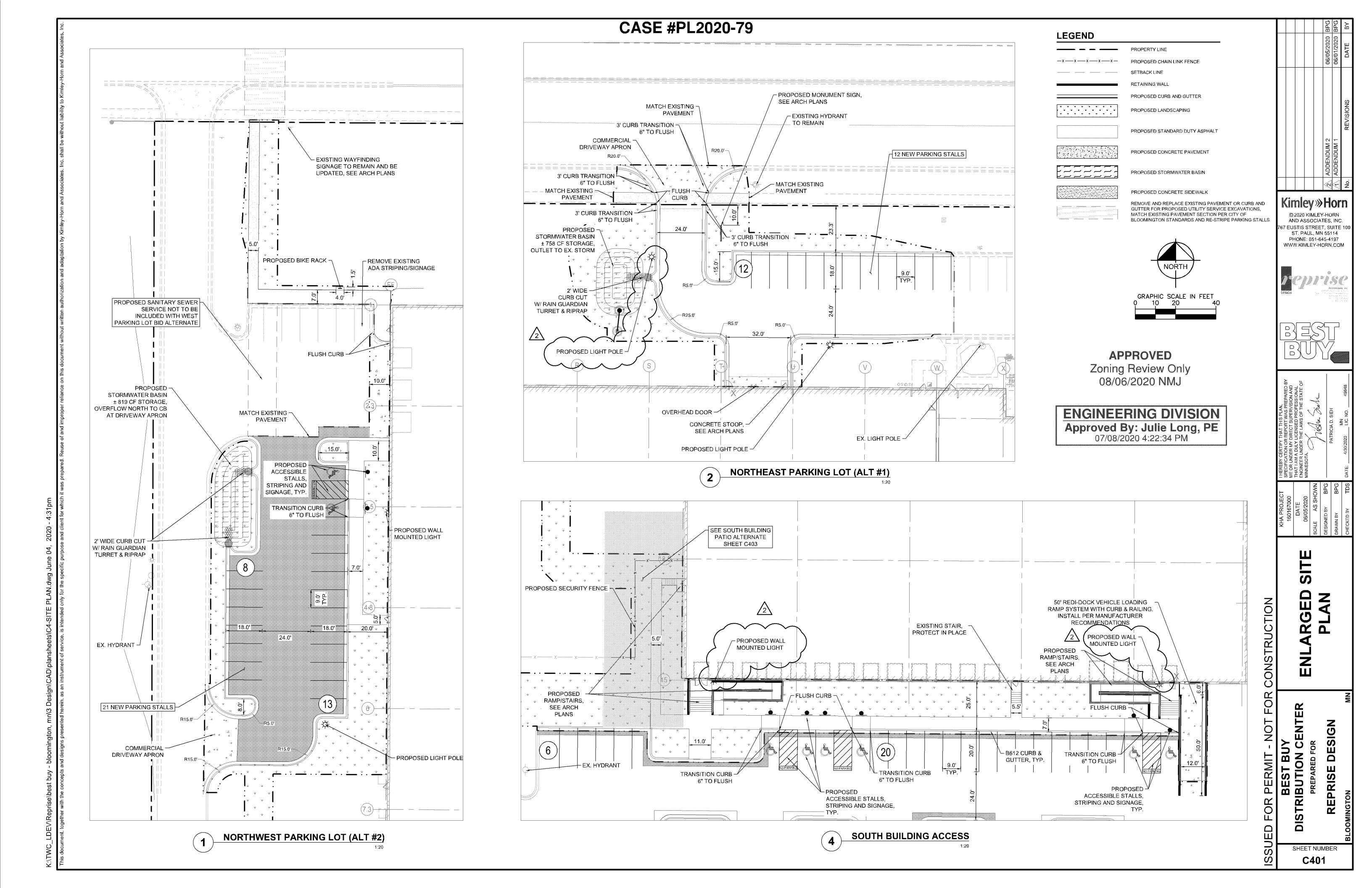
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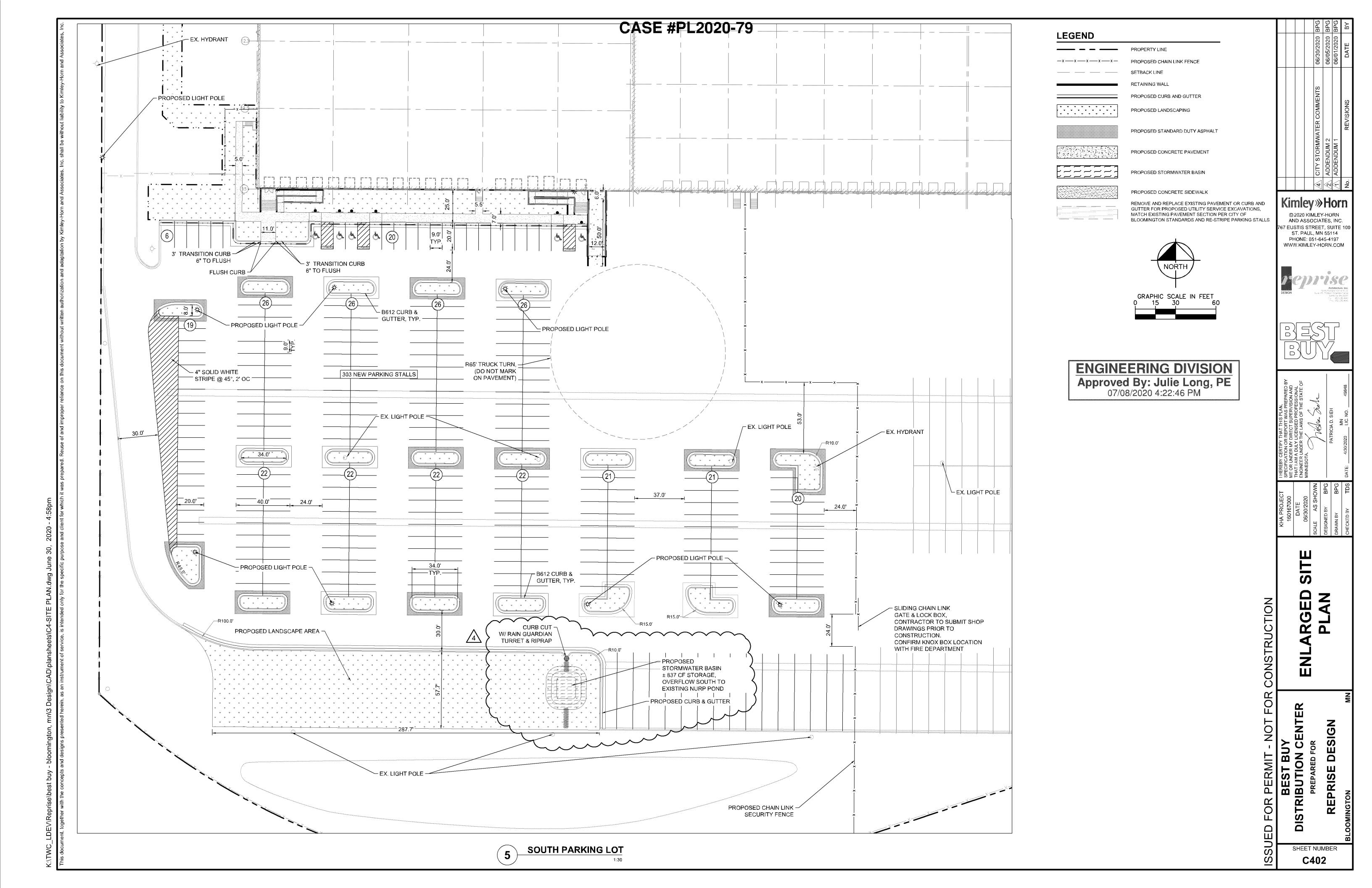


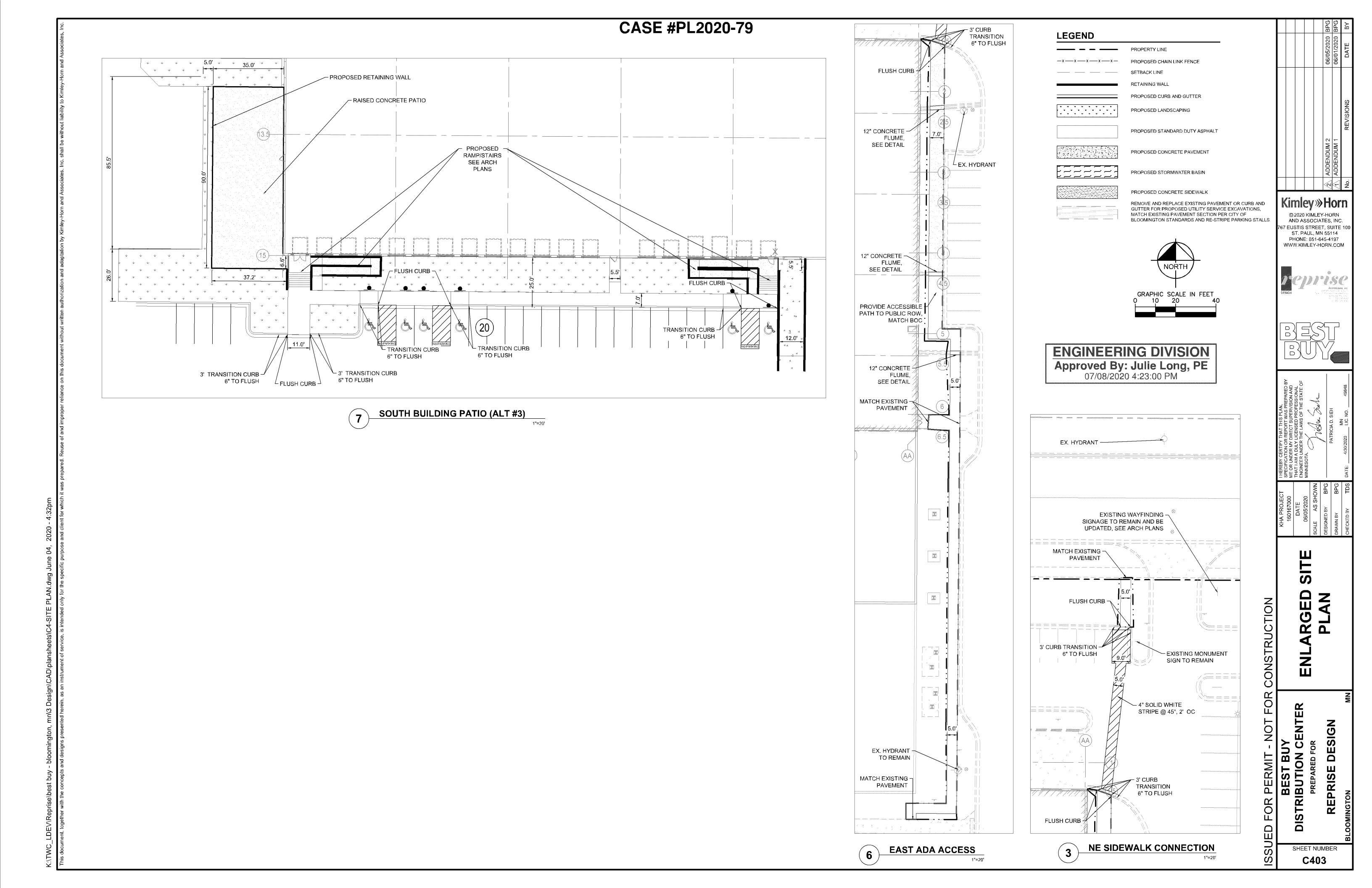


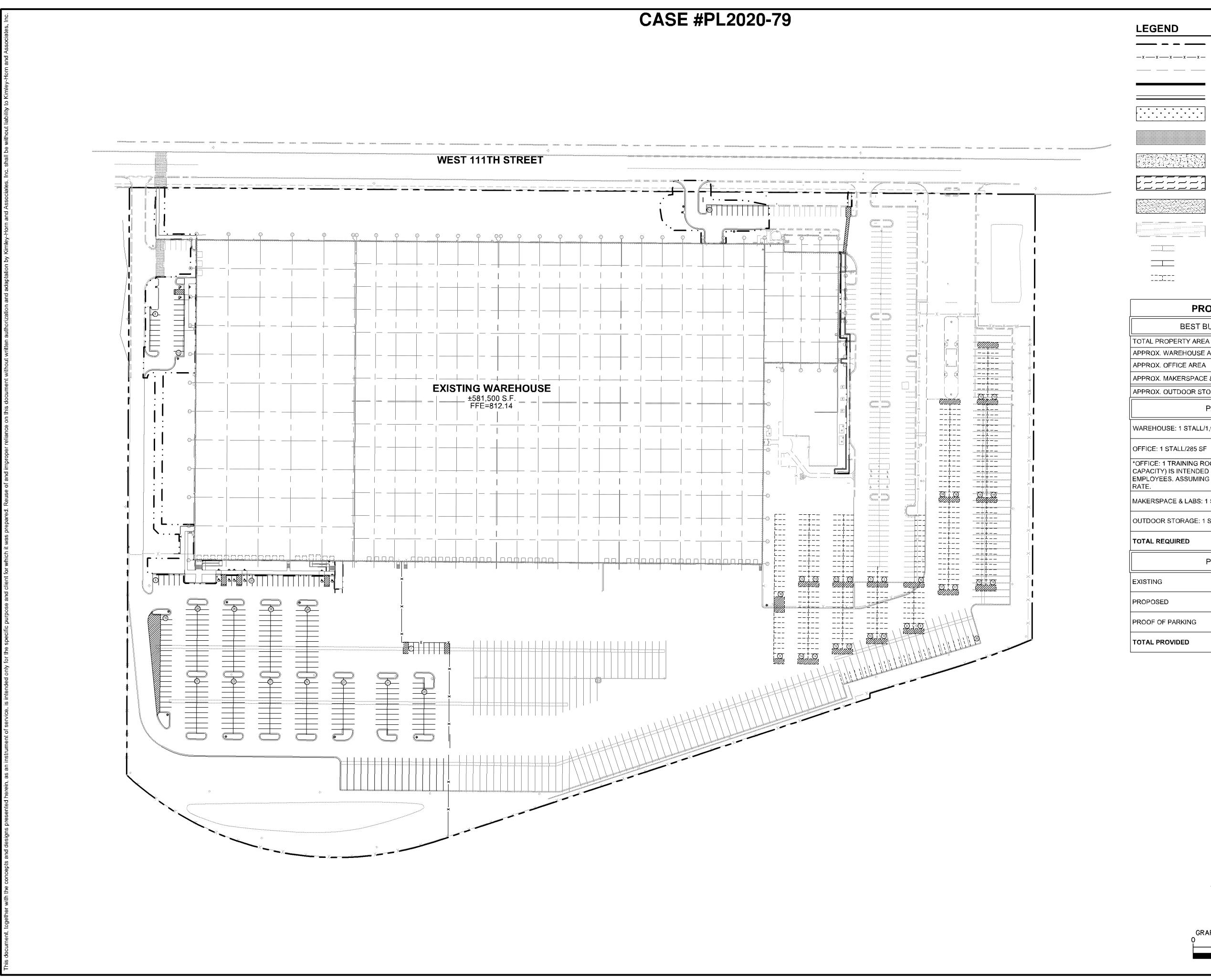
EPRIS RIBU

SHEET NUMBER C400









PROPERTY LINE PROPOSED CHAIN LINK FENCE SETBACK LINE RETAINING WALL PROPOSED CURB AND GUTTER

PROPOSED LANDSCAPING

PROPOSED CONCRETE PAVEMENT

PROPOSED STANDARD DUTY ASPHALT

PROPOSED STORMWATER BASIN

PROPOSED CONCRETE SIDEWALK

REMOVE AND REPLACE EXISTING PAVEMENT OR CURB AND GUTTER FOR PROPOSED UTILITY SERVICE EXCAVATIONS, MATCH EXISTING PAVEMENT SECTION PER CITY OF BLOOMINGTON STANDARDS AND RE-STRIPE PARKING STALLS

EXISTING VEHICULAR PARKING PROPOSED VEHICULAR PARKING (4", SOLID, SINGLE, WHITE LINE)

PROPOSED PROOF OF PARKING

PROPERTY SUMMARY

BEST BUY DISTRIBUTION	N CENTER
TOTAL PROPERTY AREA	1,611,728 SF (37.00 AC)
APPROX. WAREHOUSE AREA	351,500 SF
APPROX. OFFICE AREA	22,900 SF
APPROX. MAKERSPACE & LABS	215,200 SF
APPROX. OUTDOOR STORAGE	82,114 SF

PARKING REQUIR	RED
WAREHOUSE: 1 STALL/1,000 SF	352 STALLS
OFFICE: 1 STALL/285 SF	80 STALLS
*OFFICE: 1 TRAINING ROOM (50 PERSON CAPACITY) IS INTENDED FOR TRANSIENT EMPLOYEES. ASSUMING 80% PARKING RATE.	40 STALLS
MAKERSPACE & LABS: 1 STALL/500 SF	430 STALLS
OUTDOOR STORAGE: 1 STALL/2,500 SF	33 STALLS
TOTAL REQUIRED	935 STALLS

PARKING PROVID	ED
EXISTING	228 STALLS
PROPOSED	336 STALLS
PROOF OF PARKING	377 STALLS
TOTAL PROVIDED	937 STALLS

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PROOF PARKING

CONSTRUCTION

ISSUED FOR PERMIT - NOT FOR C

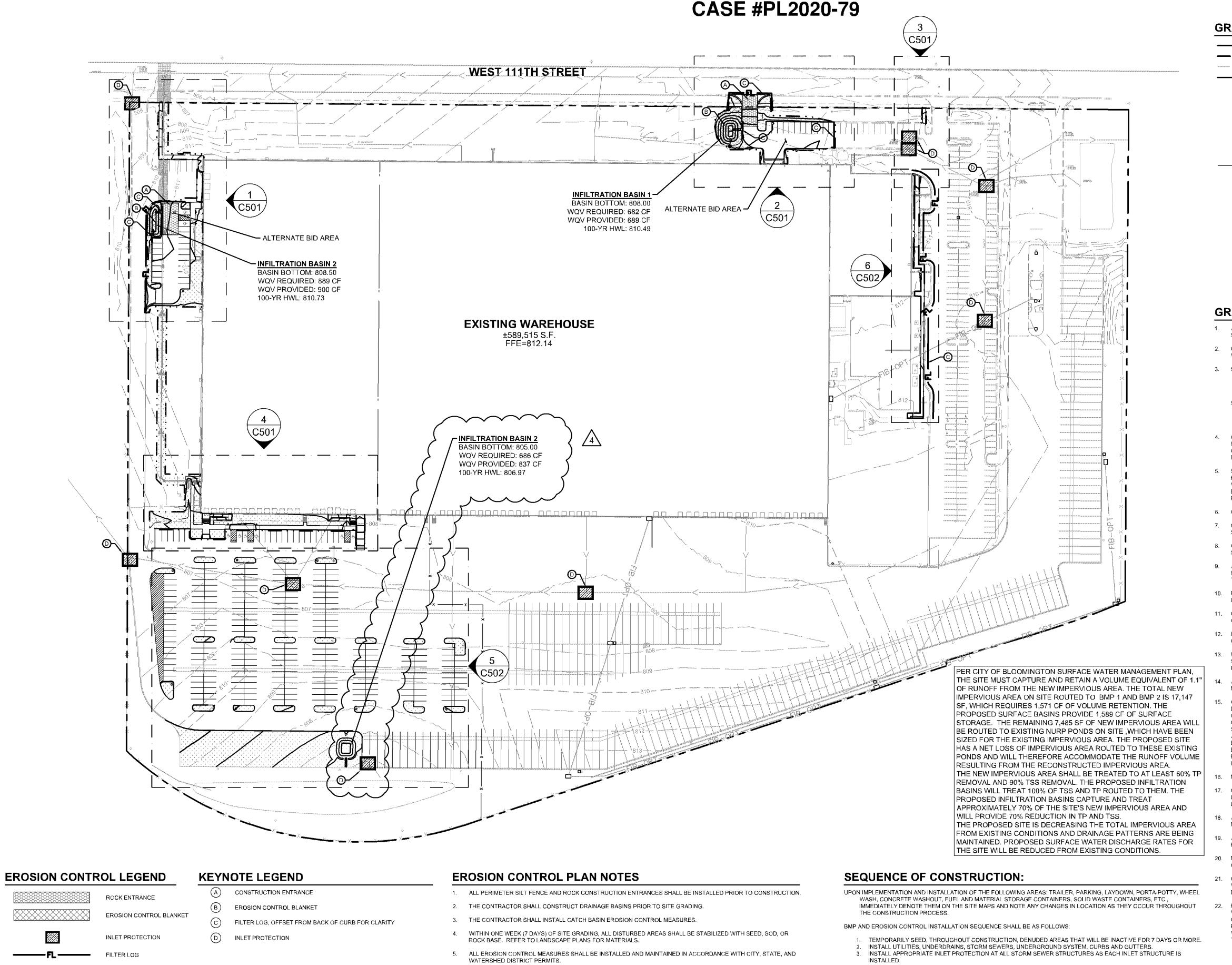
BEST BUY

DISTRIBUTION CENTER

PREPARED FOR REPRISE DESIGN

SHEET NUMBER C404

GRAPHIC SCALE IN FEET O 40 80 160



THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES, INCLUDING THE REMOVAL OF SILT IN FRONT

THE CONTRACTOR SHALL REMOVE ALL SOILS AND SEDIMENT TRACKED ONTO EXISTING STREETS AND PAVED AREAS

AND SHALL SWEEP ADJACENT STREETS AS NECESSARY IN ACCORDANCE WITH CITY REQUIREMENTS.

10. IF BLOWING DUST BECOMES A NUISANCE, THE CONTRACTOR SHALL APPLY WATER FROM A TANK TRUCK TO ALL

OF SILT FENCES DURING THE DURATION OF THE CONSTRUCTION.

7. ANY EXCESS SEDIMENT IN PROPOSED BASINS SHALL BE REMOVED BY THE CONTRACTOR.

8. REMOVAL ALL EROSION CONTROL MEASURES AFTER VEGETATION IS ESTABLISHED.

LIMITS OF DISTURBANCE

ENGINEERING DIVISION

Approved By: Julie Long, PE 07/08/2020 4:23:24 PM

SAFETY FENCE

GRADING LEGEND

	PROPERTY LINE
<u> </u>	LIMITS OF DISTURBANCE
тонняння маненання фуд Синованняння.	EXISTING CONTOUR
925	PROPOSED CONTOUR
	PROPOSED ADA PATH, REF. NOTE 15
•	PROPOSED STORM MANHOLE (SOLID CASTING)
•	PROPOSED STORM MANHOLE (ROUND INLET CASTING)
	PROPOSED STORM MANHOLE/ CATCH BASIN (CURB INLET CASTING)
©	PROPOSED STORM SEWER CLENOUT
	PROPOSED FLARED END SECTION
₩	PROPOSED RIPRAP
>	PROPOSED STORM SEWER
(100.00) ×	PROPOSED SPOT ELEVATION
(HP:0.0)	PROPOSED HIGH POINT ELEVATION
(LP:0.0)	PROPOSED LOW POINT ELEVATION
(G:0.00)	PROPOSED GUTTER ELEVATION
(T:0.00)	PROPOSED TOP OF CURB ELEVATION
(T/G:0.0)	PROPOSED FLUSH PAVEMENT ELEVATION
(ME:0.0)	MATCH EXISTING ELEVATION
EOF:0.0	PROPOSED EMERGENCY OVERFLOW
0.0%	PROPOSED DRAINAGE DIRECTION
0.00%	PROPOSED ADA SLOPE

GRADING PLAN NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF BLOOMINGTON, SPECIFICATIONS AND BUILDING PERMIT REQUIREMENTS.
- 2. CONTRACTOR TO CALL GOPHER STATE CALL ONE @ <1-800-252-1166> AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATION/CONSTRUCTION FOR UTILITY LOCATIONS.
- 3. STORM SEWER PIPE SHALL BE AS FOLLOWS:
- RCP PER ASTM C-76 HDPE: 0" - 10" PER AASHTO M-252 HDPE: 12" OR GREATER PER ASTM F-2306 PVC SCH. 40 PER ASTM D-3034
- STORM SEWER FITTINGS SHALL BE AS FOLLOWS: RCP PER ASTM C-76, JOINTS PER ASTM C-361, C-990, AND C-443 HDPE PER ASTM 3212 PVC PER ASTM D-3034, JOINTS PER ASTM D-3212
- CONTRACTOR TO FIELD VERIFY THE LOCATIONS AND ELEVATIONS OR EXISTING UTILITIES AND TOPOGRAPHIC FEATURES PRIOR TO THE START OF SITE GRADING. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE PROJECT ENGINEER OF ANY DISCREPANCIES OR VARIATIONS.
- SUBGRADE EXCAVATION SHALL BE BACKFILLED IMMEDIATELY AFTER EXCAVATION TO HELP OFFSET ANY STABILITY PROBLEMS DUE TO WATER SEEPAGE OR STEEP SLOPES. WHEN PLACING NEW SURFACE MATERIAL ADJACENT TO EXISTING PAVEMENT, THE EXCAVATION SHALL BE BACKFILLED PROMPTLY TO AVOID UNDERMINING OF EXISTING
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL HORIZONTAL AND VERTICAL CONTROL
- CONTRACTOR SHALL EXCAVATE DRAINAGE TRENCHES TO FOLLOW PROPOSED STORM SEWER ALIGNMENTS.
- GRADES SHOWN ARE FINISHED GRADES. CONTRACTOR SHALL ROUGH GRADE TO SUBGRADE ELEVATION AND LEAVE STREET READY FOR SUBBASE.
- ALL EXCESS MATERIAL, BITUMINOUS SURFACING, CONCRETE ITEMS, ANY ABANDONED UTILITY ITEMS, AND OTHER UNSTABLE MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF THE CONSTRUCTION SITE.
- 10. REFER TO THE UTILITY PLAN FOR SANITARY SEWER MAIN, WATER MAIN SERVICE LAYOUT AND ELEVATIONS AND CASTING / STRUCTURE NOTATION.
- CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION OF PAVEMENTS AND CURB AND GUTTER WITH SMOOTH UNIFORM SLOPES TO PROVIDE POSITIVE DRAINAGE.
- 12. INSTALL A MINIMUM OF 4" CLASS 5 AGGREGATE BASE UNDER CURB AND GUTTER AND
- CONCRETE SIDEWALKS. 13. UPON COMPLETION OF EXCAVATION AND FILLING, CONTRACTOR SHALL RESTORE ALL STREETS AND DISTURBED AREAS ON SITE. ALL DISTURBED AREAS SHALL BE
- RE-VEGETATED WITH A MINIMUM OF 6" OF TOPSOIL. 14. ALL SPOT ELEVATIONS/CONTOURS ARE TO GUTTER / FLOW LINE UNLESS OTHERWISE
- 15. GRADING FOR ALL SIDEWALKS AND ACCESSIBLE ROUTES INCLUDING CROSSING DRIVEWAYS SHALL CONFORM TO CURRENT ADA STATE/NATIONAL STANDARDS. IN NO CASE SHALL ACCESSIBLE RAMP SLOPES EXCEED 1 VERTICAL TO 12 HORIZONTAL. IN NO CASE SHALL SIDEWALK CROSS SLOPES EXCEED 2%. IN NO CASE SHALL LONGITUDINAL SIDEWALK SLOPES EXCEED 5%. IN NO CASE SHALL ACCESSIBLE PARKING STALLS OR AISLES EXCEED 2% (1.5% TARGET) IN ALL DIRECTIONS. SIDEWALK ACCESS TO EXTERNAL BUILDING DOORS AND GATES SHALL BE ADA COMPLIANT. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF ADA CRITERIA CANNOT BE MET IN ANY LOCATION PRIOR TO PAVING. NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR A.D.A COMPLIANCE
- MAINTAIN A MINIMUM OF 0.5% GUTTER SLOPE TOWARDS LOW POINTS.
- CONTRACTOR TO PROVIDE 3" INSULATION BY 5' WIDE CENTERED ON STORM PIPE IF LESS THAN 4' OF COVER IN PAVEMENT AREAS AND LESS THAN 3' OF COVER IN
- 18. ALL STORM SEWER CONNECTIONS SHALL BE GASKETED AND WATER TIGHT INCLUDING MANHOLE CONNECTIONS.
- 19. ALL STORM SEWER PIPE SHALL BE AIR TESTED IN ACCORDANCE WITH THE CURRENT
- MAINTAIN A MINIMUM OF 1.25% SLOPE IN BITUMINOUS PAVEMENT AREAS, 0.5% SLOPE IN
- CONCRETE PAVEMENT AREAS.
- 21. CONTRACTOR SHALL REVIEW PAVEMENT GRADIENT AND CONSTRUCT "INFALL CURB" WHERE PAVEMENT DRAINS TOWARD GUTTER, AND "OUTFALL" CURB WHERE PAVEMENT DRAINS AWAY FROM GUTTER.
- HDPE PIPE CONNECTIONS INTO ALL CONCRETE STRUCTURES MUST BE MADE WITH WATERTIGHT MATERIALS UTILIZING AN A-LOK OR WATERSTOP GASKET OR BOOT, CAST-IN-PLACE RUBBER BOOT, OR APPROVED EQUAL. WHERE THE ALIGNMENT PRECLUDES THE USE OF THE ABOVE APPROVED WATERTIGHT METHODS, CONSEAL 231 WATERSTOP SEALANT, OR APPROVED EQUAL WILL ONLY BE ALLOWED AS APPROVED BY THE ENGINEER.



SHEET NUMBER C500

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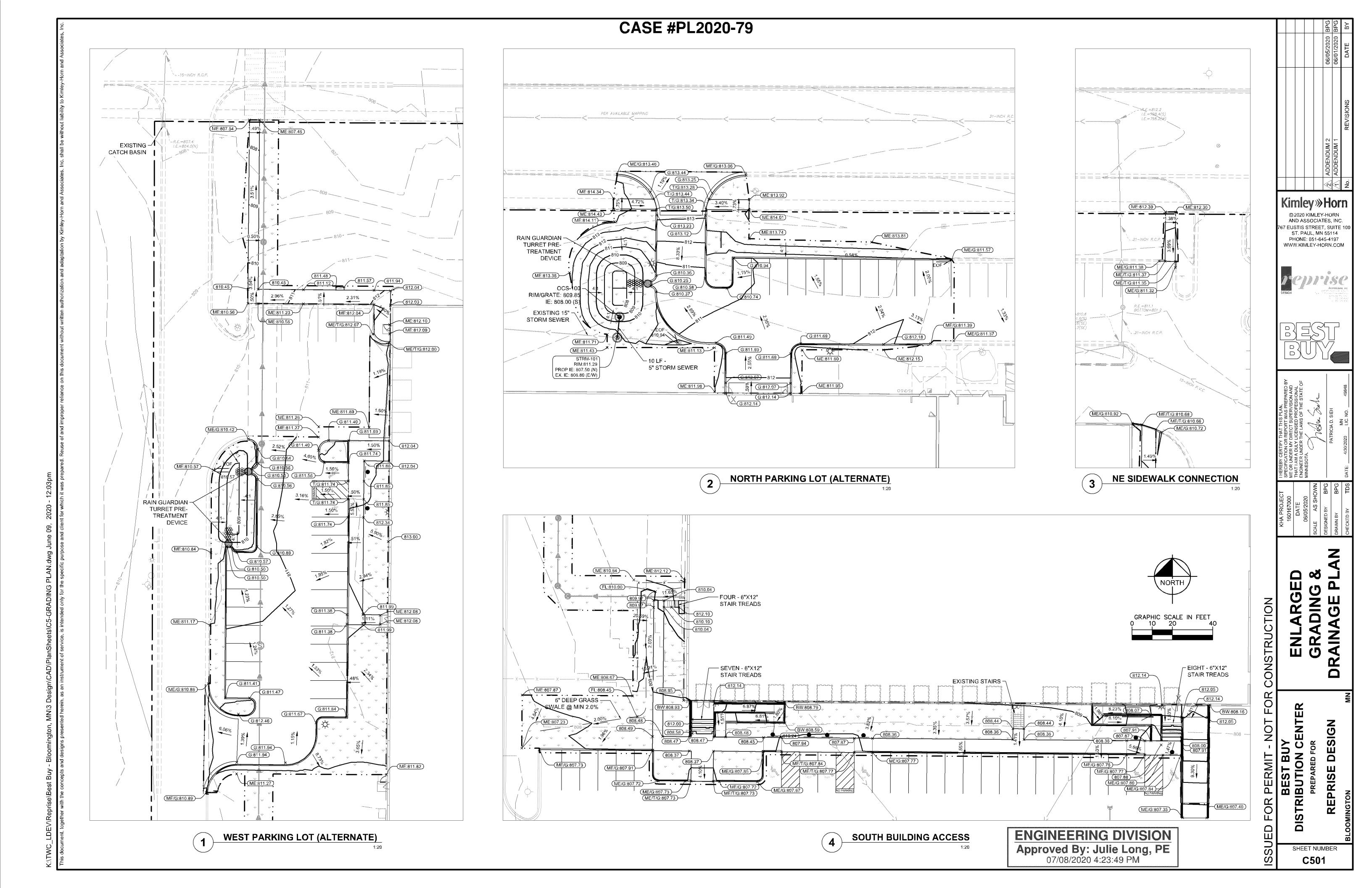
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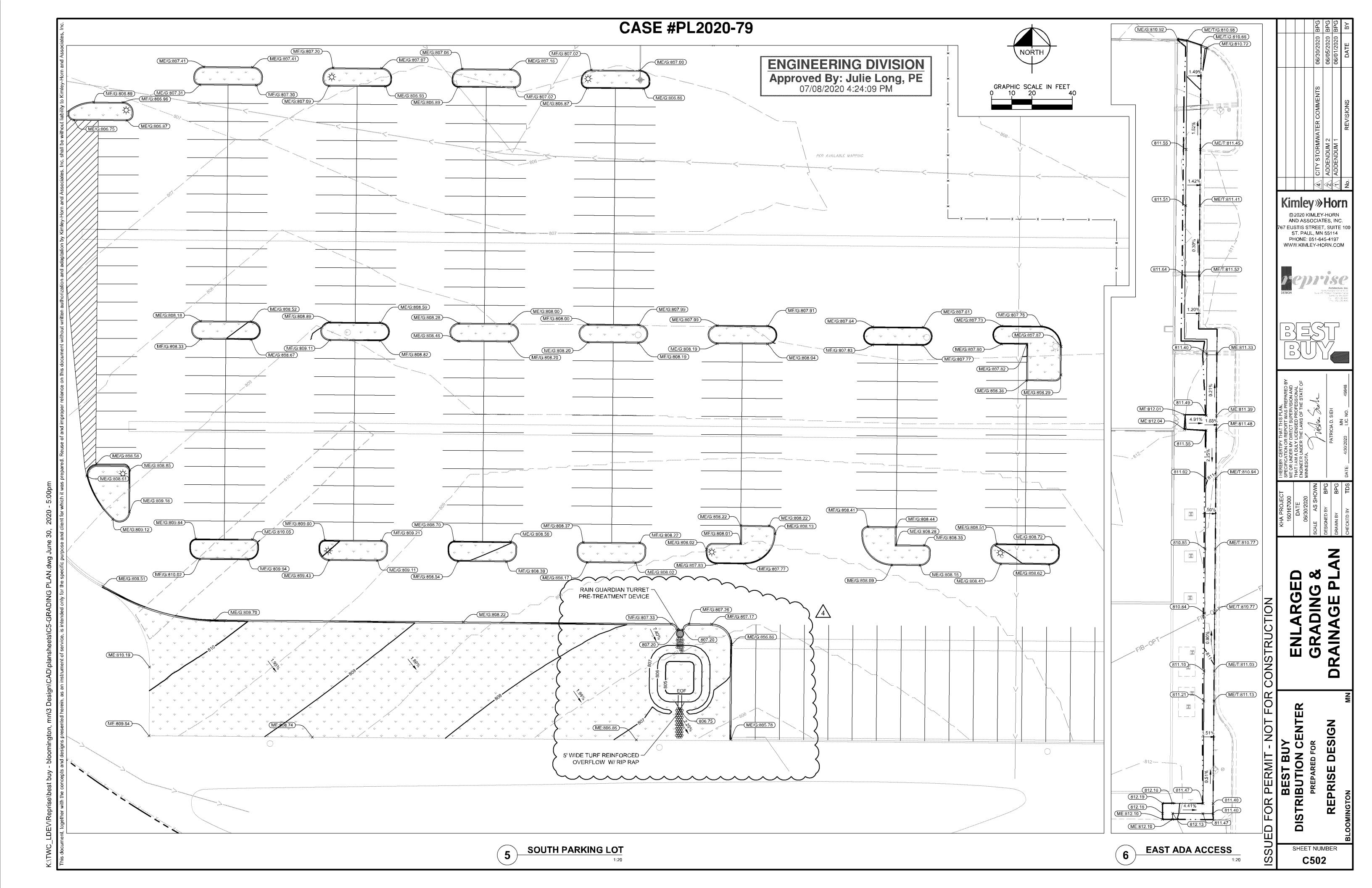
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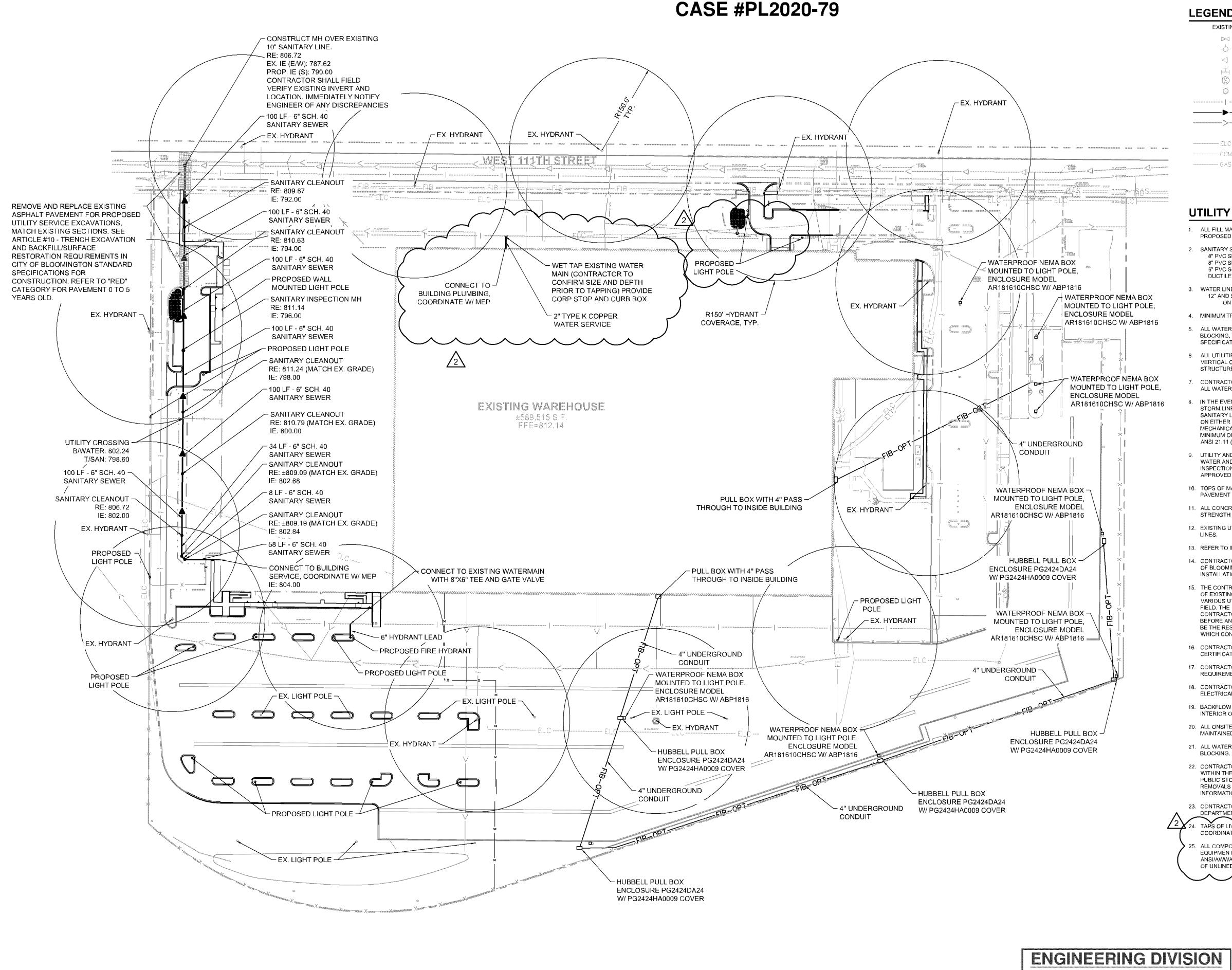
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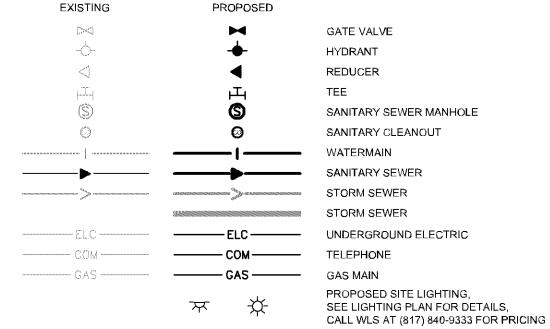
- 4. PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE
- PREPARE SITE FOR PAVING.
- PAVE SITE AND INSTALL STRIPING
- INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES. COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS.
- 9. OBTAIN CONCURRENCE WITH THE CIVIL ENGINEERING CONSULTANT THAT THE SITE HAS BEEN FULLY STABILIZED
- 1. REMOVE ALL REMAINING TEMPORARY EROSION ADN SEDIMENT CONTROL DEVICES 2. STABILIZE ANY AREAS DISTURBED BY THE REMOVAL OF BMPS.







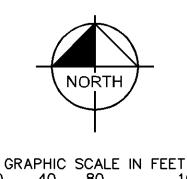
LEGEND



UTILITY PLAN NOTES

- 1. ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
- 2. SANITARY SEWER PIPE SHALL BE AS FOLLOWS: 8" PVC SDR35 PER ASTM D-3034, FOR PIPES LESS THAN 12' DEEP 8" PVC SDR26 PER ASTM D-3034, FOR PIPES MORE THAN 12' DEEP 6" PVC SCHEDULE 40 PER ASTM D-3034 DUCTILE IRON PIPE PER AWWA C150
- 3. WATER LINES SHALL BE AS FOLLOWS: 12" AND SMALLER, CLASS 52 DUCTILE IRON PIPE, MINIMUM 8 MIL POLYWRAP REQUIRED ON ALL DIP
- 4. MINIMUM TRENCH WIDTH SHALL BE 2 FEET
- ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS WITH RESTRAINTS SUCH AS THRUST BLOCKING, WITH STAINLESS STEEL BOLTS, OR AS INDICATED IN THE CITY SPECIFICATIONS AND PROJECT DOCUMENTS.
- 6. ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE OR
- 7. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 8'-0" AND MAXIMUM OF 10"-0" COVER ON ALL WATERLINES.
- IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY LINES, STORM LINES AND GAS LINES, OR ANY OBSTRUCTION (EXISTING AND PROPOSED). THE SANITARY LINE SHALL BE SCH. 40 OR C900 WITH MECHANICAL JOINTS AT LEAST 10 FEET ON EITHER SIDE OF THE CENTER LINE OF THE CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS WITH APPROPRIATE FASTENERS AS REQUIRED TO PROVIDE A MINIMUM OF 18" VERTICAL SEPARATION. MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (AWWA C-151) (CLASS 50).
- 9. UTILITY AND MECHANICAL CONTRACTORS MUST COORDINATE THE INSTALLATION OF ALL WATER AND SEWER SERVICE PIPE INTO THE BUILDING TO ACCOMMODATE CITY INSPECTION AND TESTING. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
- 10. TOPS OF MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH PROPOSED PAVEMENT ELEVATIONS.
- 11. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 P.S.I.
- 12. EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW
- 13. REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
- 14. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE CITY OF BLOOMINGTON AND/OR STATE OF MN WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
- 15. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THI VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- 16. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES.
- 17. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
- 18. CONTRACTOR SHALL REFERENCE ARCH / MEP PLANS FOR SITE LIGHTING AND
- 19. BACKFLOW DEVICES (DDCV AND PRZ ASSEMBLIES) AND METERS ARE LOCATED IN THE INTERIOR OF THE BUILDING. REF. ARCH / MEP PLANS.
- 20. ALL ONSITE WATERMAINS AND SANITARY SEWERS SHALL BE PRIVATELY OWNED AND
- 21. ALL WATERMAIN STUBOUTS SHALL BE MECHANICALLY RESTRAINED WITH REACTION
- 22. CONTRACTOR SHALL OBTAIN A PUBLIC WORKS PERMIT FOR UNDERGROUND WORK WITHIN THE RIGHT-OF-WAY. UTILITY PERMITS ARE REQUIRED FOR CONNECTIONS TO THE PUBLIC STORM, SANITARY, AND WATER SYSTEM. PERMIT IS REQUIRED PRIOR TO REMOVALS OR INSTALLATION. CONTACT UTILITIES (952-563-4568) FOR PERMIT
- 23. CONTRACTOR SHALL PROVIDE ELECTRONIC UTILITY AS-BUILTS TO THE PUBLIC WORKS DEPARTMENT PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY 4. TAPS OF LIVE WATER MAINS ARE DONE BY CITY FORCES AND PAID FOR AND COORDINATED WITH THE CONTRACTOR
- 5. ALL COMPONENTS OF THE WATER SYSTEM, UP TO THE WATER METER OR FIRE SERVICE EQUIPMENT MUST UTILIZE PROTECTIVE INTERNAL COATINGS MEETING CURRENT ANSI/AWWA STANDARDS FOR CEMENT MORTAR LINING OR SPECIAL COATINGS. THE USI OF UNLINED OR UNCOATED PIPE IS NOT ALLOWED.

Approved By: Julie Long, PE 07/08/2020 4:24:32 PM



Kimley»Horr

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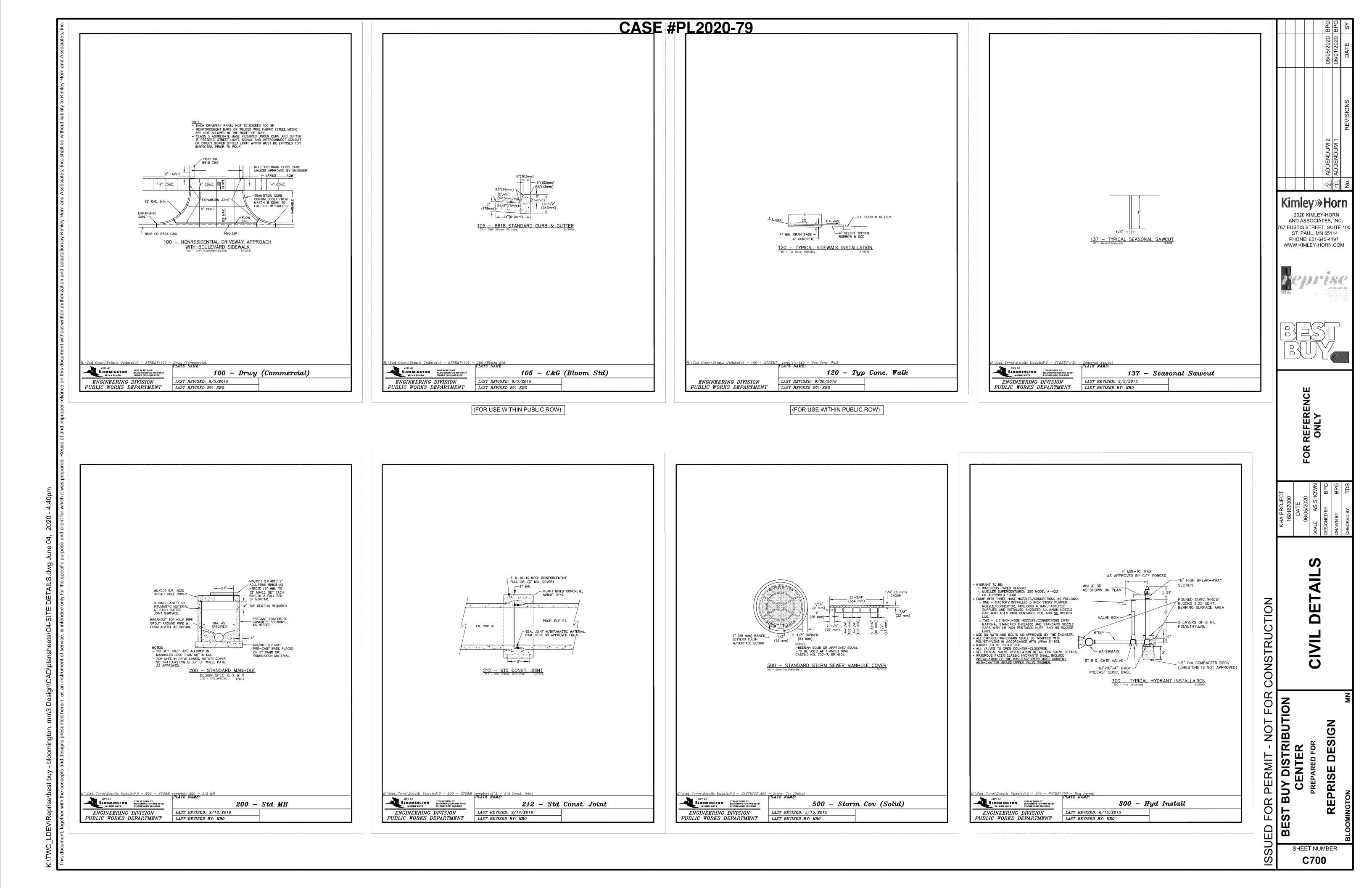
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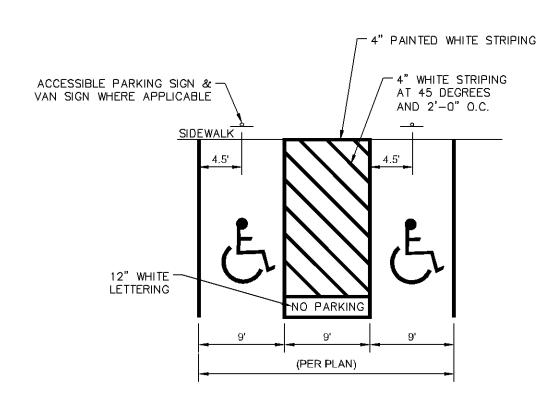




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SHEET NUMBER C600

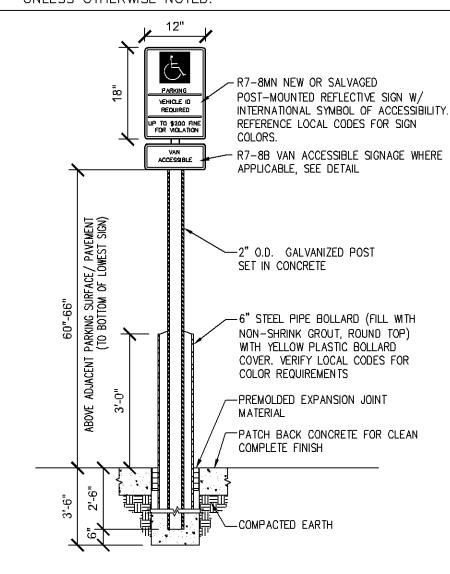




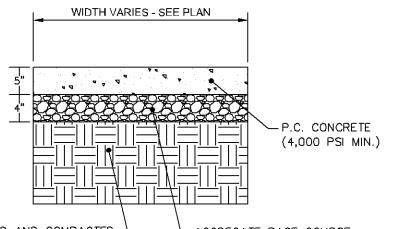
TYPICAL ADA STRIPING SCALE: NTS

NOTE: REFER TO PLAN FOR DETAILED LAYOUT AND DIMENSIONS

- CONTRACTOR TO VERIFY ALL EXISTING SIGNAGE TO COMPLY WITH THE LOCAL BUILDING CODE. CONTRACTOR TO MAKE NECESSARY ADJUSTMENTS TO EXISTING SIGNAGE AS REQUIRED BY LOCAL AUTHORITIES.
- SIGNS SHALL BE CENTERED AT THE END OF EACH STALL UNLESS OTHERWISE NOTED.



ACCESSIBLE SIGN BOLLARD



SUBGRADE-SCARIFIED AND COMPACTED -TO AT LEAST 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY

SCALE: NTS

- AGGREGATE BASE COURSE COMPACTED TO 95% MODIFIED PROCTOR DENSITY

NOTES:

1. ALL SIDEWALK SHALL BE CONSTRUCTED WITH CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS. 2. PROVIDE 1/2" EXPANSION JOINTS AT 20', MAXIMUM, SPACING AND FILLED WITH PREMOLDED BITUMINOUS EXPANSION JOINT FILLER MATERIAL OR REDWOOD. EXPANSION JOINTS SHALL HAVE #4 DOWELS, LUBRICATED, 18" LONG, AT 12" CENTERS, 6" FROM

- 3. PROVIDE 3/8" GROOVED CONTROL JOINTS AT 5' CENTERS. 4. WELDED WIRE FABRIC (6x6-6x6) SHALL BE INSTALLED THROUGH DRIVEWAYS AT 2"
- ABOVE SLAB BOTTOM. 5. PROVIDE 1/2" BITUMINOUS EXPANSION JOINT FILLER MATERIAL WHERE WALK ABUTS
- EXISTING IMPROVEMENTS AND AT ALL CHANGES IN GRADE 6. USE 2-#4 REINFORCING BARS, 10' LONG OVER ALL UTILITY TRENCHES FOR NEW SIDEWALK AND CONNECTIONS TO EXISTING SIDEWALK.
- 8. CONTRACTOR TO CONFIRM PAVEMENT SECTION COMPLIES WITH GEOTECHNICAL REPORT RECOMMENDATIONS.

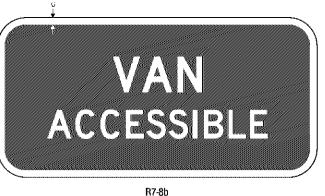
7. AT DRIVE APPROACHES, SIDEWALK PCC AND BASE THICKNESS SHALL MATCH THAT OF

CONCRETE SIDEWALK SCALE: NTS

(FOR USE ONSITE)



CASE #PL2020-79

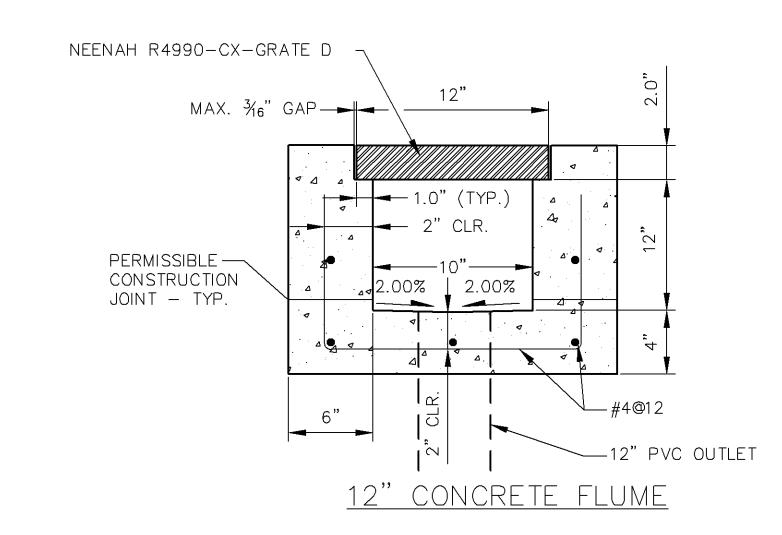


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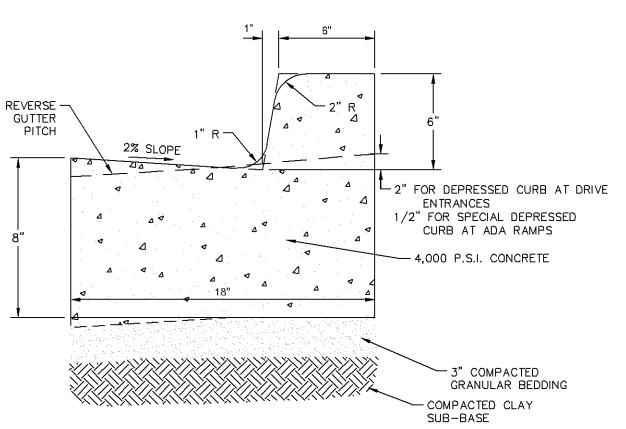
VAN ACCESSABLE

DIRECTIONAL APPLICATION COLORS: LEGENO --GREEN (RETROREFLECTIVE) OR BLACK COLORS: LEGEND --WHITE (RETROREFLECTIVE) BACKGROUND - WHITE (RETROREFLECTIVE)

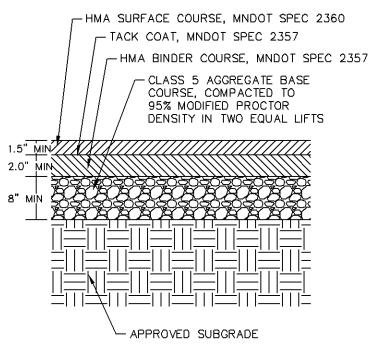
R7-8MN ADA PARKING SIGN SCALE: NTS



FLUME DETAIL



B612 CURB & GUTTER SCALE: NTS (FOR USE ONSITE)



1. CONTRACTOR SHALL MATCH EXISTING PAVEMENT SECTIO. DEPTHS SHOWN ARE MINIMUMS.
2. VERIFY ADEQUACY OF PAVEMENT SECTION WITH ENGINEER AFTER SUBGRADE SOILS ARE EXPOSED AND BEFORE BITUMINOUS PAVEMENT IS PLACED.

STANDARD DUTY ASPHALT PAVEMENT SECTION SCALE: NTS

BUY N C 2

Kimley»**Horn**

2020 KIMLEY-HORN

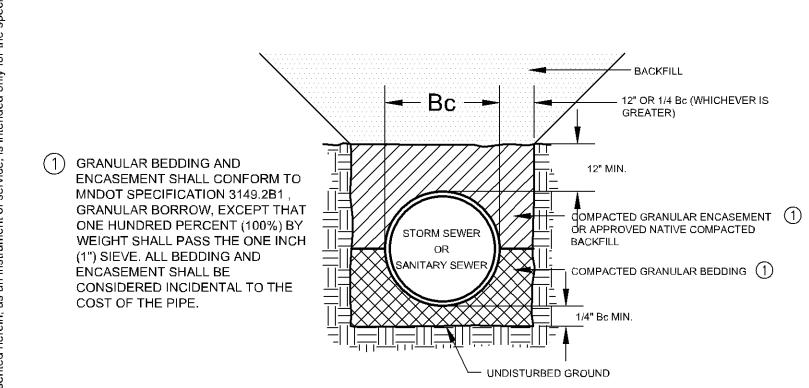
AND ASSOCIATES, INC. 67 EUSTIS STREET, SUITE 100

ST. PAUL, MN 55114

PHONE: 651-645-4197

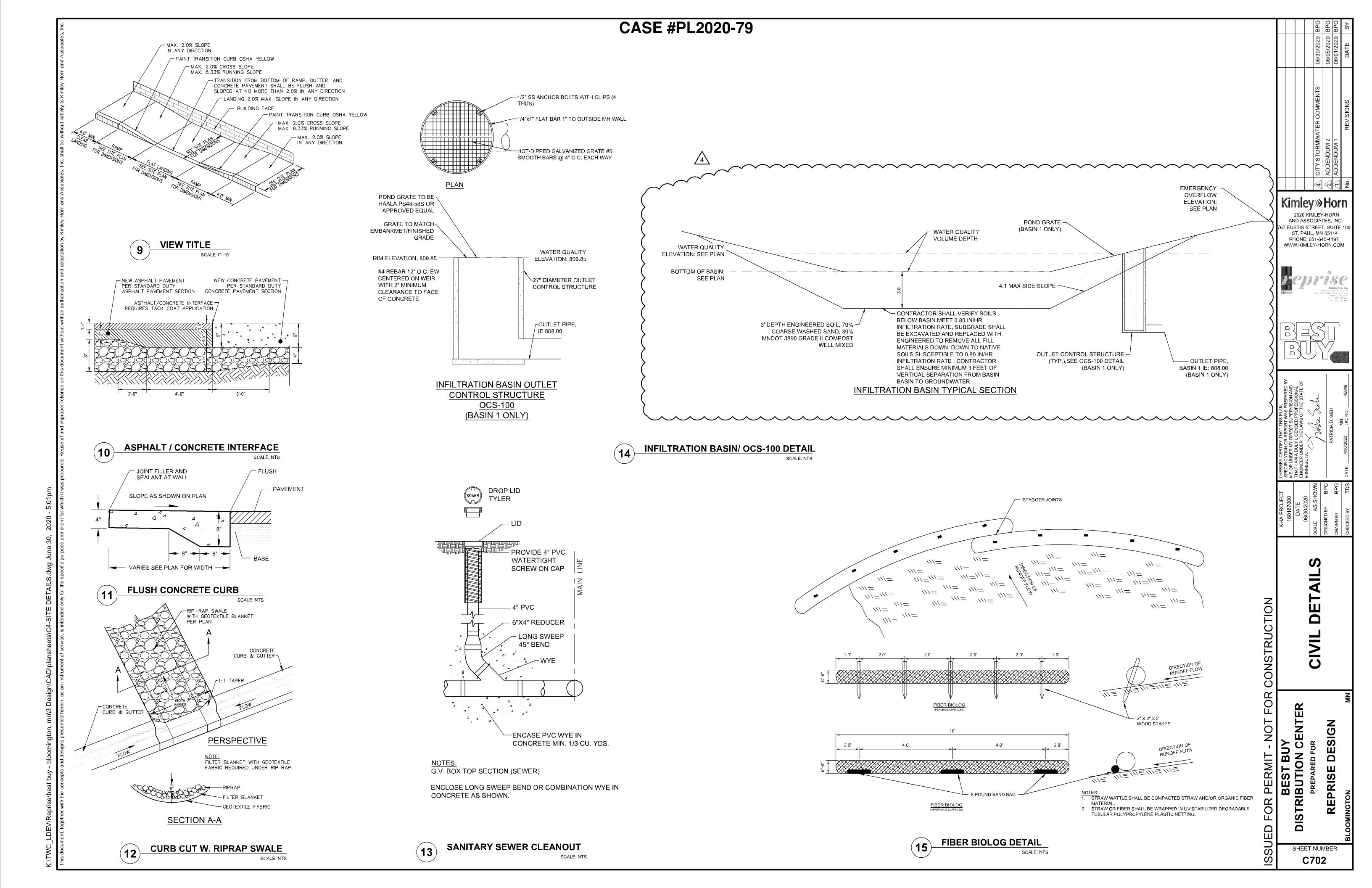
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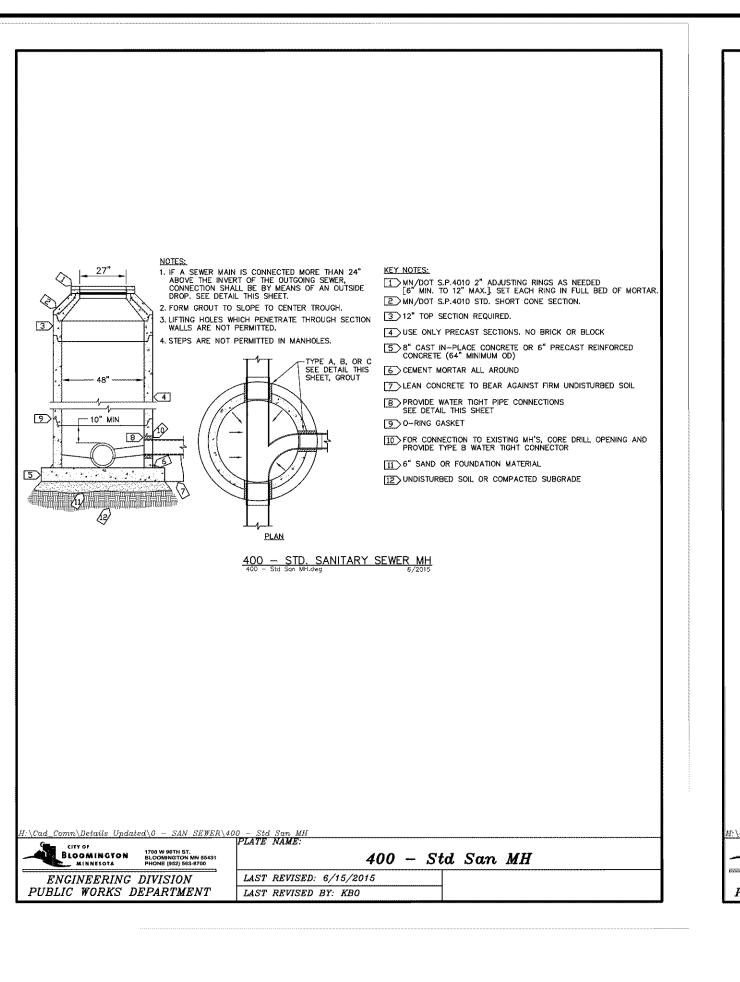
SHEET NUMBER C701

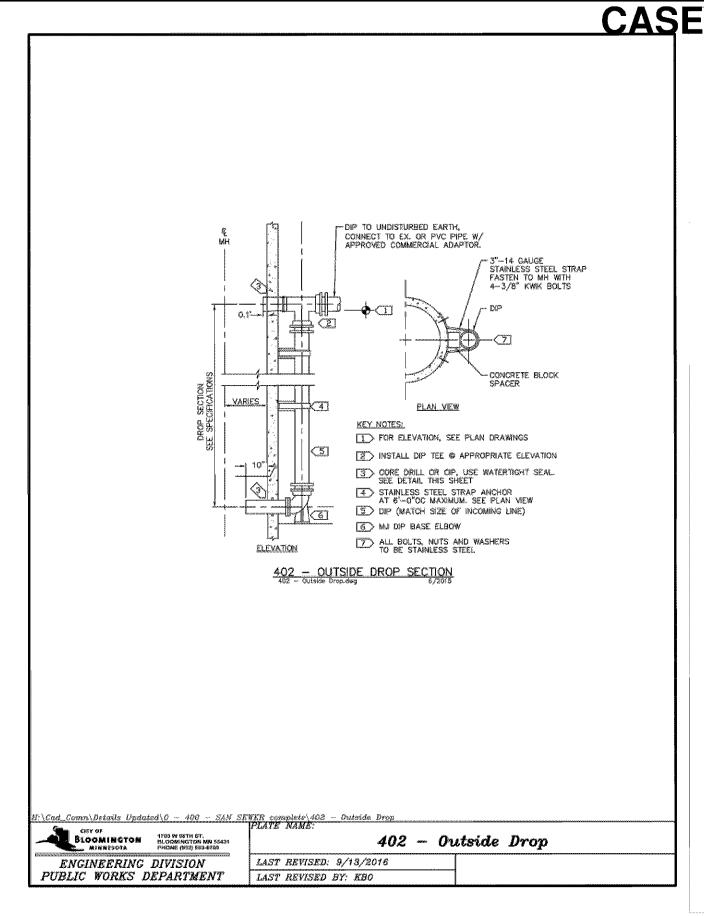


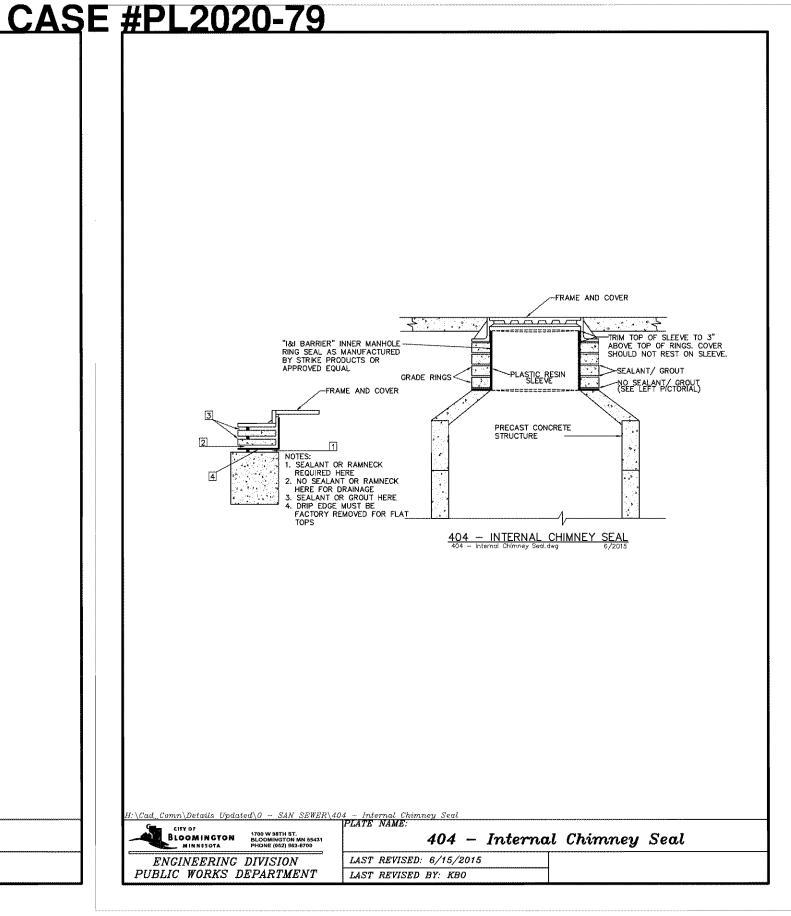
CLASS B PIPE BEDDING FOR SANITARY/STORM SEWER

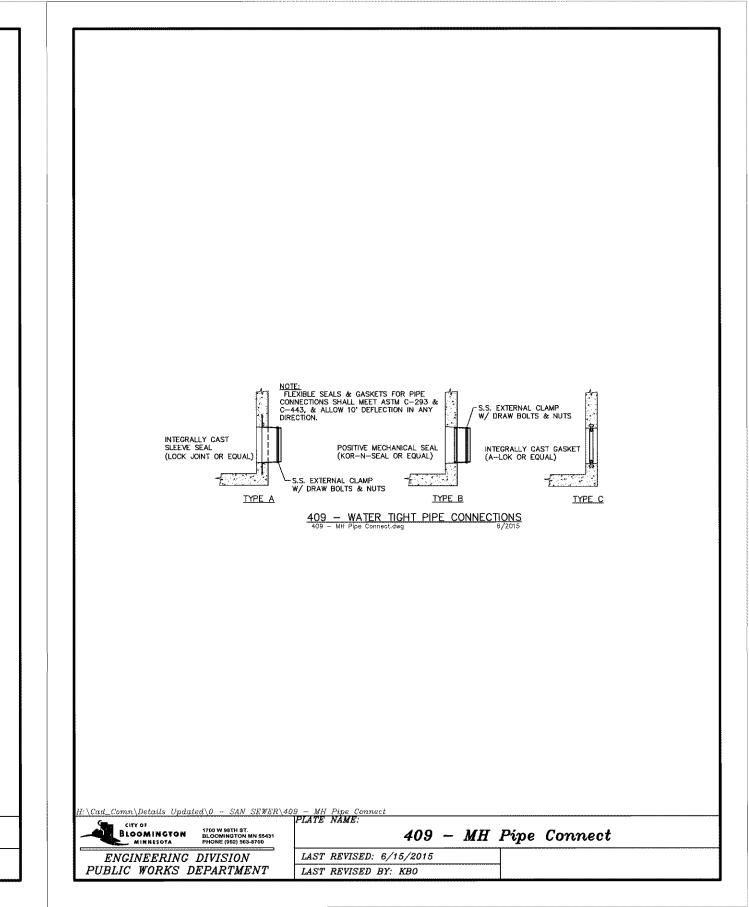
EPRIS BE BU











SPECIFICATIONS

TO ASTM C858. 2. CONCRETE BASE EXTENDS BEYOND THE FILTER WALL | 2. THREE-POINT PICK USING RECESSED LIFTING POCKETS WITH A

INSTALLATION NOTES

GUARDIAN TURRET.

1. INLET WIDTH AND DISTANCE BETWEEN BACK OF CURB COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS. CONCRETE AIR

STRUCTURE (1,030 LBS). CONCRETE SHALL HAVE A MINIMUM

ENTRAINED (4% TO 8% BY VOLUME). MANUFACTURED AND DESIGNED

3. TWO-PIECE FIBERGLASS TOP GRATE (16 LBS/PIECE, 1-1/2" THICK) -

BASED ON SITE CONDITIONS, BUT CONSIDERATIONS SHOULD INCLUDE SLOPE OF THE INLET AND BASIN SIDE SLOPES ADJACENT TO THE RAIN GUARDIAN TURRET. POSITION RAIN GUARDIAN TURRET SO PRIMARY OUTLET ALIGNS WITH TOE OF BASIN SIDE SLOPE TO AVOID SOIL INTERFERENCE WITH REMOVABLE FILTER WALL. EXCAVATE 1' 10" BELOW THE GUTTERLINE ELEVATION (I.E. THE BIORETENTION OVERFLOW ELEVATION) TO ACCOMMODATE THE 1' PONDING DEPTH, 6" CLASS 5 AGGREGATE, AND 4" RAIN GUARDIAN TURRET BASE

(INCLUDED). THEREFORE, THE TOP OF THE CLASS 5 COMPACTED BASE

IS PRECISELY 1' 4" BELOW THE GUTTERLINE ELEVATION. THE INLET TO THE RAIN GUARDIAN TURRET WILL BE 10-1/2" ABOVE THE TOP OF THE CONCRETE BASE AND 1-1/2" BELOW THE GUTTERLINE ELEVATION TO ACCOMMODATE A SLOPED INLET FROM THE GUTTER TO THE RAIN

2. SET RAIN GUARDIAN TURRET ON THE PREPARED CLASS 5 BASE.

3. INSTALL FRAMING FOR INLET BETWEEN RAIN GUARDIAN TURRET

MATCH THE TOP OF THE CURB ON THE STREET SIDE AND THE TOP OF

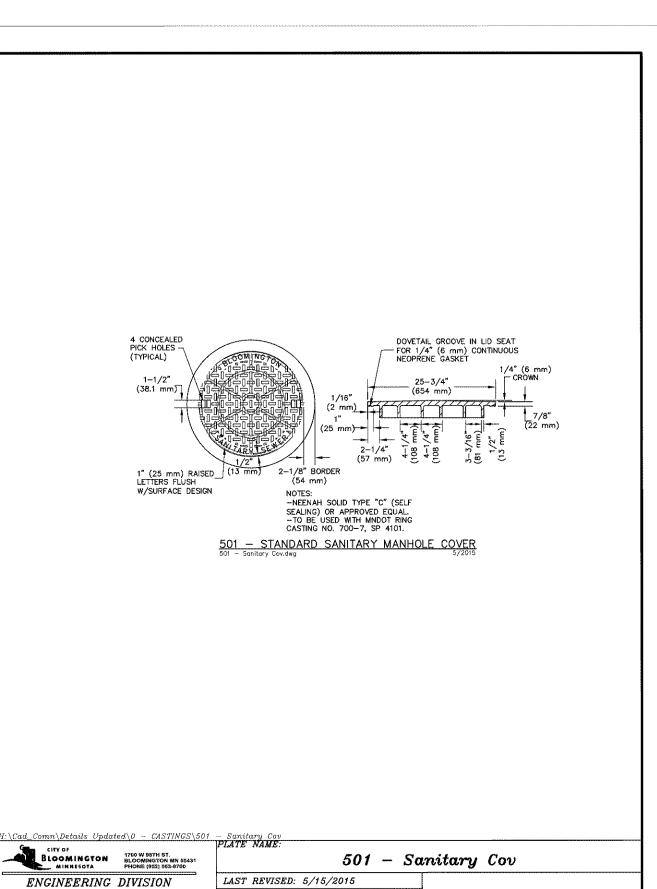
4. INSTALL EXPANSION/CONTRACTION JOINT MATERIAL OR A SHEET OF

POLY TO SERVE AS A BOND BREAK BETWEEN RAIN GUARDIAN TURRET

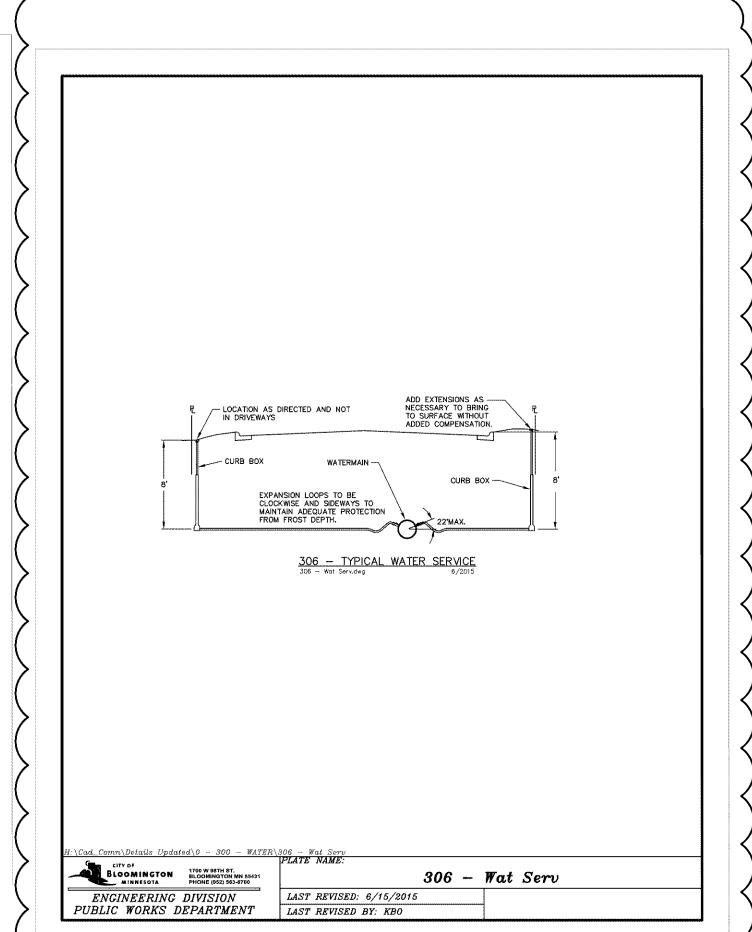
AND BACK OF CURB. TOP ELEVATIONS OF THE FRAMING SHOULD

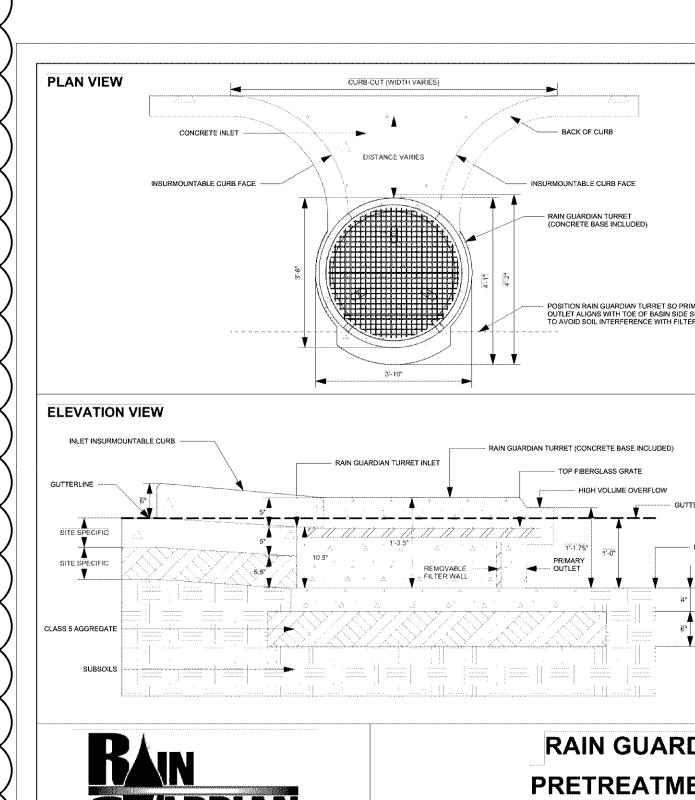
THE RAIN GUARDIAN TURRET ON THE BIORETENTION SIDE.

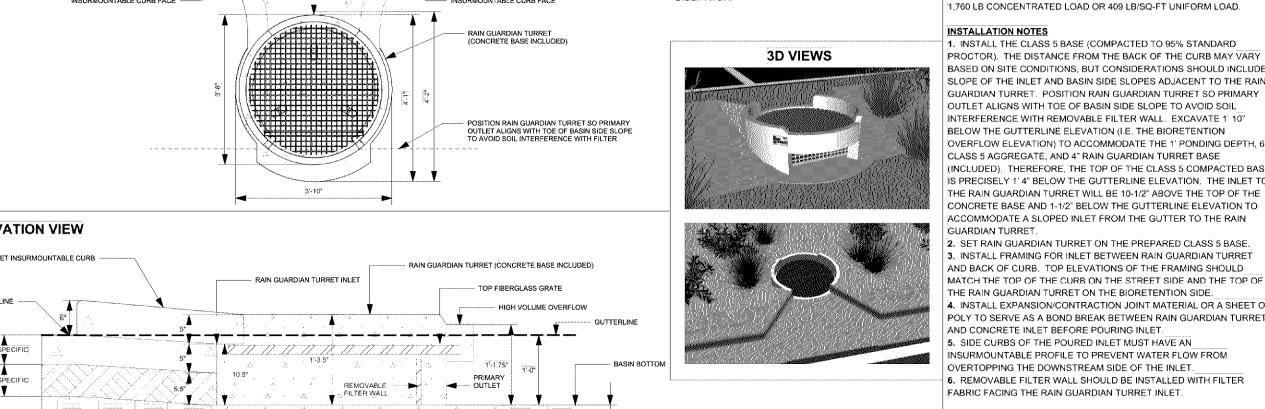
AND CONCRETE INLET BEFORE POURING INLET. 5. SIDE CURBS OF THE POURED INLET MUST HAVE AN INSURMOUNTABLE PROFILE TO PREVENT WATER FLOW FROM OVERTOPPING THE DOWNSTREAM SIDE OF THE INLET.



PUBLIC WORKS DEPARTMENT LAST REVISED BY: KBO







PRETREATMENT FOR BIORETENTION

PLAN VIEW NOTES

DISSIPATOR.

CROSS-SECTION VIEW NOTES

GUTTERLINE ELEVATION.

1. THE TOP OF THE CLASS 5 BASE (COMPACTED TO 95% STANDARD PROCTOR) IS PRECISELY 1' 4" BELOW THE

AND RAIN GUARDIAN TURRET MAY VARY WITH SITE

OF THE RAIN GUARDIAN TURRET TO SERVE AS A SPLASH STANDARD HOOK.

٨	IANU	FACTUF	RED BY:	FORTERRA* Structural & Specially
REVISION HISTORY			STORY	
EV	EY	DATE	DESCRIPTION	ANOKA
γA	MDH	p8/29/18	TURRET - T	ONSERVATION DISTRICT
	1.0.0.1.1.0.0.1.1.0.			Anoka Conservation Dist 1318 McKay Dr. NE, Suite Ham Lake, MN 55304
CALE S. P. OS.	TENT	8,501,016 A	NO 8,858,804	763-434-2030

FORTERRA* Structural & Specialty	
	-
ONSERVATION	
noka Conservation District	
18 McKay Dr. NE, Suite 300 Ham Lake, MN 55304 763-434-2030	
7 93-434-2U3U	

Kimley»Horn

2020 KIMLEY-HORN

AND ASSOCIATES, INC.

67 EUSTIS STREET, SUITE 10 ST. PAUL, MN 55114

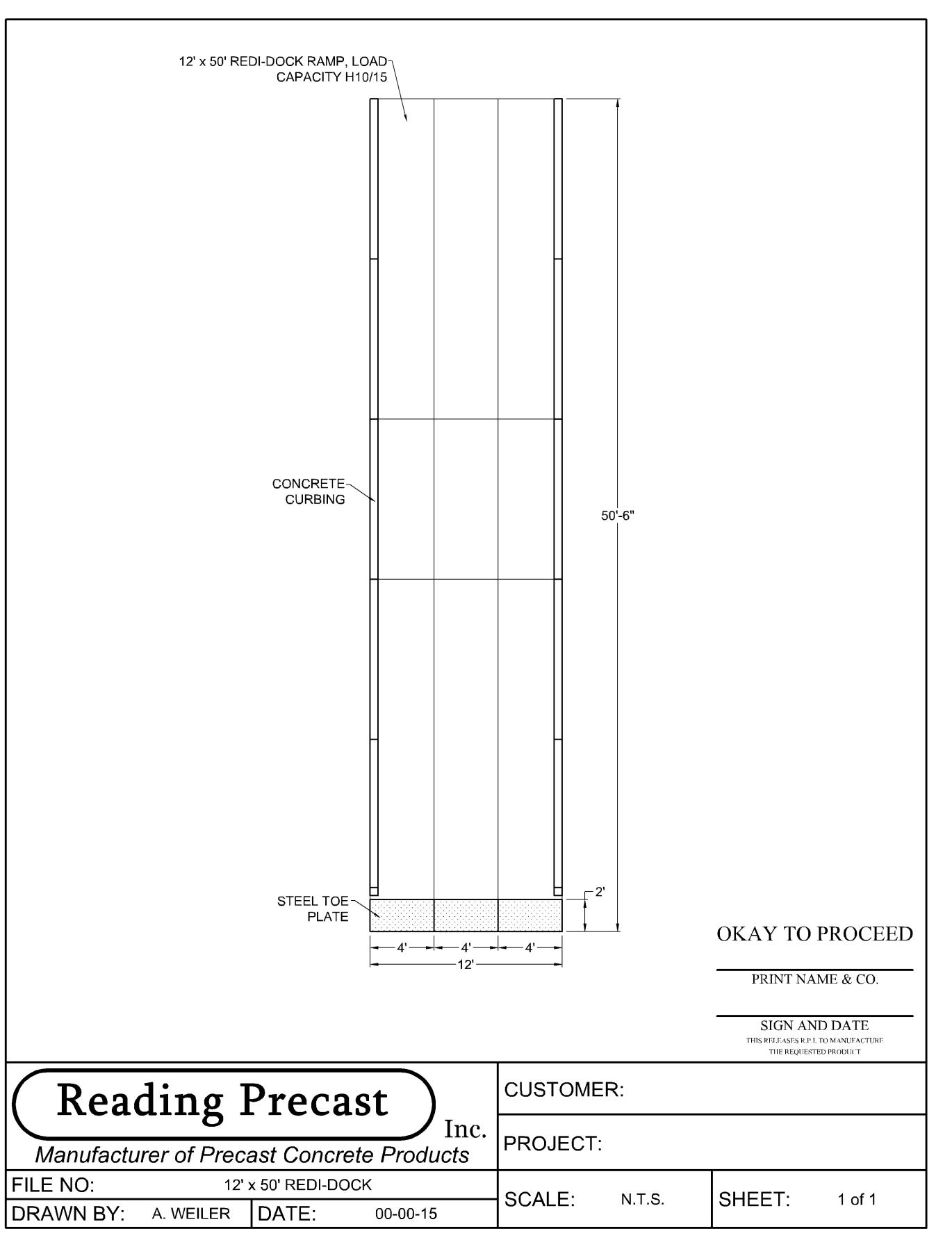
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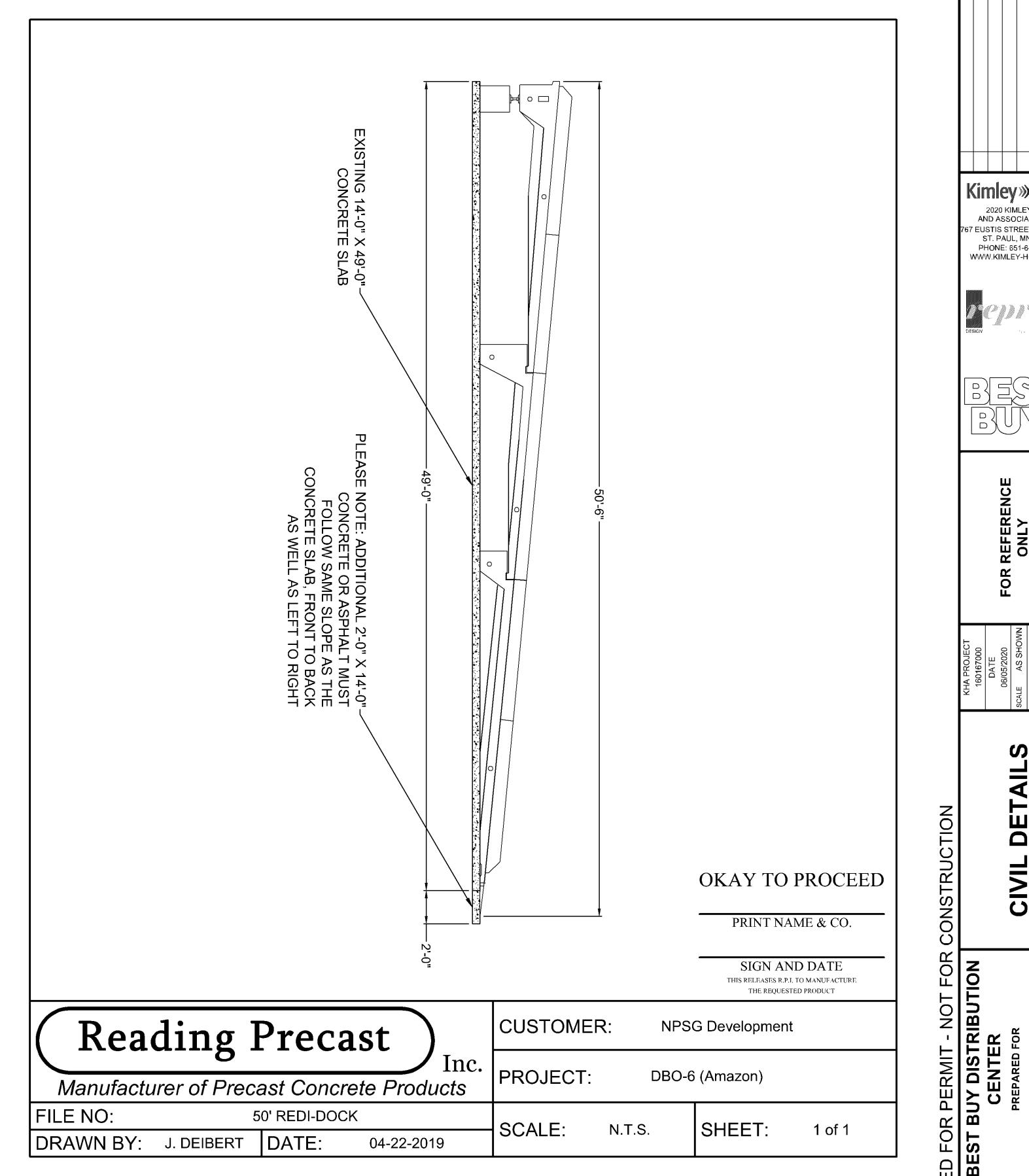
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DISTRIBUTION

B

 \mathbf{m} SHEET NUMBER





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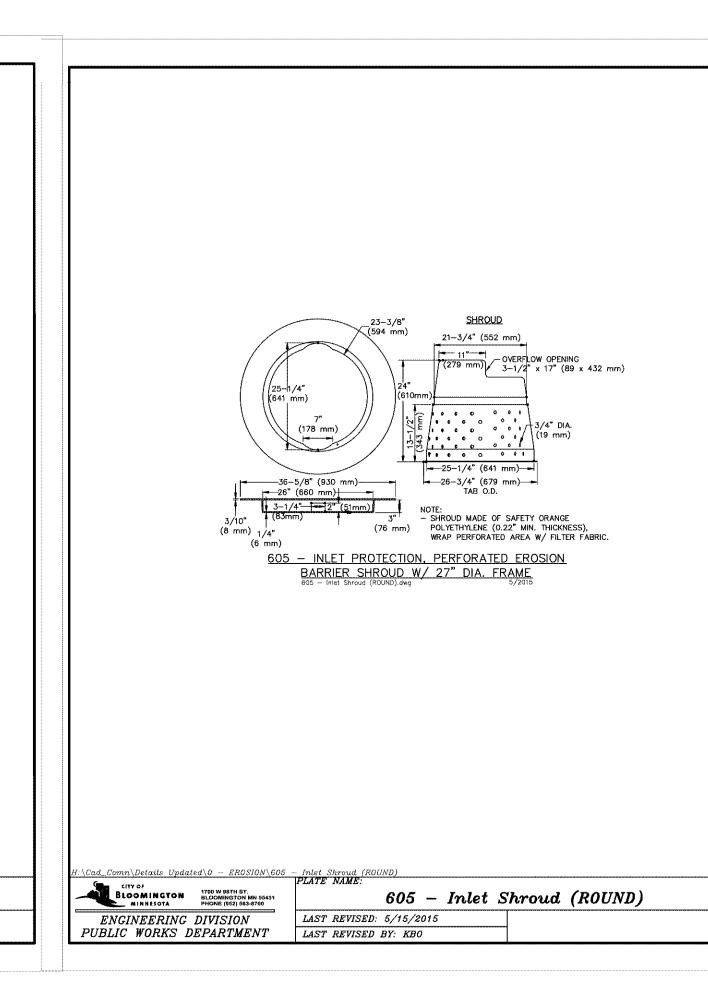
DETAILS

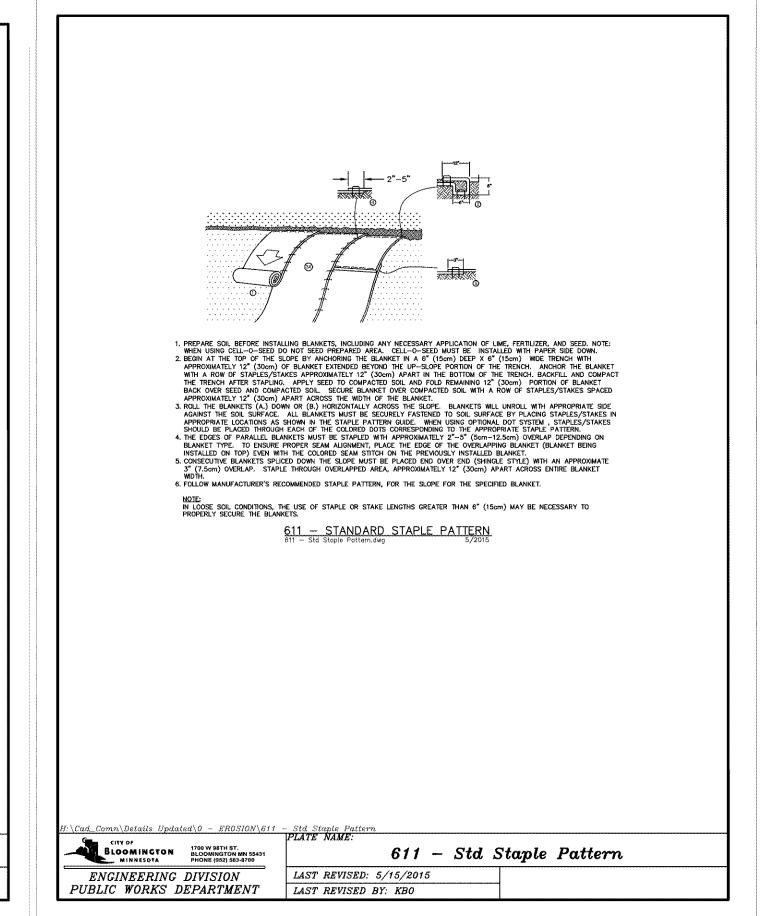
REPRISE DESIGN

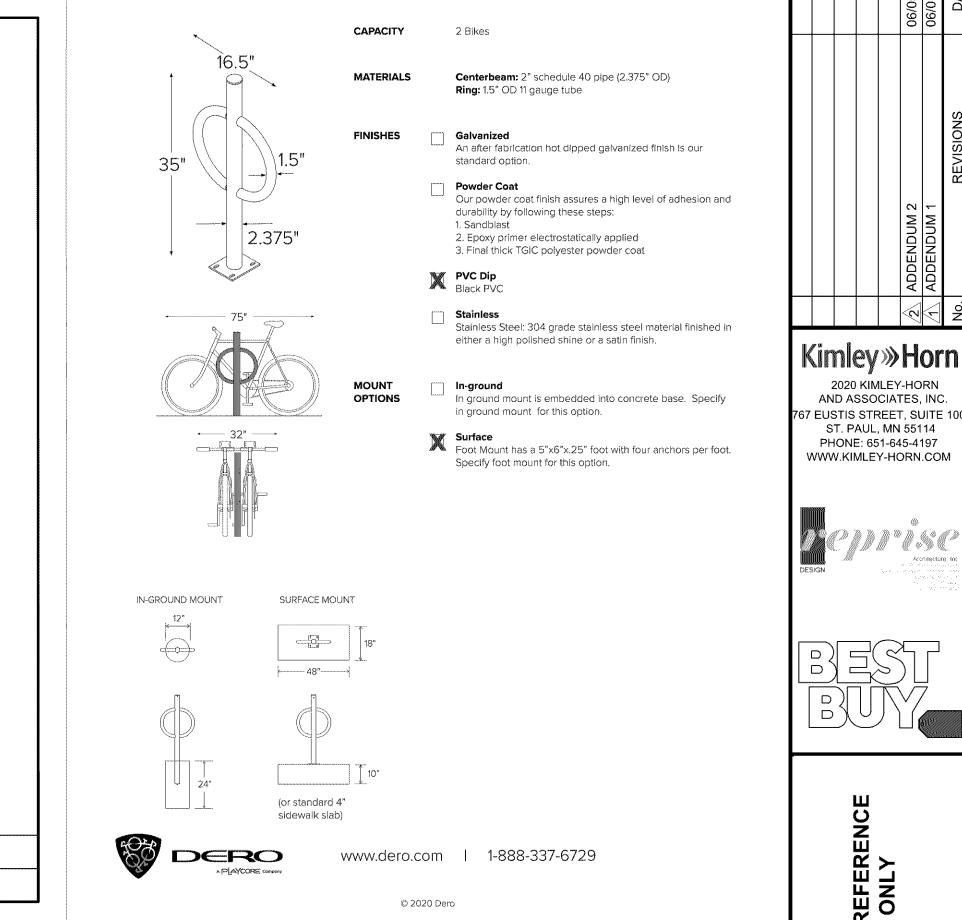
C704

CONSTRUCTION

CASE #PL2020-79







BIKE HITCH

Submittal Sheet

2020 KIMLEY-HORN

AND ASSOCIATES, INC.

ST. PAUL, MN 55114

PHONE: 651-645-4197

DETAIL

CIVIL

REPRISE DESIGN

TO 51 mm) DIA ROCK.

\(\Cad_Comn\Details Updated\0 - EROSION\600 - Rock Const. Ent \\PLATE NAME:\)

PUBLIC WORKS DEPARTMENT LAST REVISED BY: KBO

ENGINEERING DIVISION

MNDOT STANDARD SPECIFICATION 3733 TYPE V PERMEABLE GEOTEXTILE FABRIC BENEATH ROCK

18" (457 mm) MIN. HIGH CUT—OFF BERM TO MINIMIZE — SILT RUNOFF FROM SITE.

600 - ROCK CONSTRUCTION ENTRANCE AT ACCESS ROADS

LAST REVISED: 5/15/2015

VARIES: FULL WIDTH OF EXISTING DRIVEWAY OPENING, ELSE 20' (6.10 m) MIN. WIDTH.

600 - Rock Const. Ent

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