CASE #PL2020-14

BANK OF AMERICA

SECTION 15, TOWNSHIP 27, RANGE 24 BLOOMINGTON, HENNEPIN COUNTY, MN

PROJECT TEAM:

ENGINEER & LANDSCAPE ARCHTECT KIMLEY-HORN AND ASSOCIATES, INC.



PREPARED BY: BENJAMIN R. JOHNSON, PE RYAN HYLLESTEAD, PLA 767 EUSTIS STREET, SUITE 100 ST. PAUL, MN 55114 TELEPHONE (651) 645-4197

GEOTECHNICAL ENGINEER

AMERICAN ENGINEERING TESTING, INC
550 CLEVELAND AVE N
SAINT PAUL, MN 55114
TELEPHONE: (651) 659-1364
CONTACT: MICHAEL P. MCCARTHY

OWNER / DEVELOPER OPPIDAN



400 WATER STREET, SUITE 200 EXCELSIOR, MN 55331 TELEPHONE: 952-294-1259 CONTACT: IAN HALKER

SURVEYOR
EGAN, FIELD & NOWAK, INC
1229 TYLER STREET NE, SUITE 100
TELEPHONE: (612) 466-3300
CONTACT: ERIC ROESER



VICINITY N.T.S.



NOTES:

- CONTRACTOR SHALL CONFIRM THAT THE EXISTING CONDITIONS FOR THE SITE MATCH WHAT IS SHOWN ON THE DRAWINGS INCLUDED PRIOR TO CONSTRUCTION.
- IF REPRODUCED, THE SCALES SHOWN ON THESE PLANS ARE BASED ON A 22x34 SHEET.
 ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICES COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICES.
- 4. ALL GENERAL CONTRACTOR WORK TO BE COMPLETED (EARTHWORK, FINAL UTILITIES, AND FINAL GRADING) BY THE MILESTONE DATE IN PROJECT DOCUMENTS.

DRAWING INDEX		
HEET NO.	SHEET TITLE	
C000	COVER SHEET	
V100	ALTA NSPS LAND TITLE SURVEY	
V101	ALTA NSPS LAND TITLE SURVEY	
V200	PHOTOMETRIC PLAN - INITIAL	
V201	PHOTOMETRIC PLAN - MAINTAINED	
C100	GENERAL NOTES	
C200	DEMO PLAN	
C300	EROSION AND SEDIMENT CONTROL PLAN - PHASE 1	
C301	EROSION AND SEDIMENT CONTROL PLAN - PHASE 2	
C400	SITE PLAN	
C401	ACCESS PLAN	
C500	GRADING PLAN	
C501	STORM SEWER PLAN	
C600	UTILITY PLAN	
C700	CONSTRUCTION DETAILS	
C701	CONSTRUCTION DETAILS	
C702	CONSTRUCTION DETAILS	
C703	CONSTRUCTION DETAILS	
C704	CONSTRUCTION DETAILS	
C705	CONSTRUCTION DETAILS	
L100	LANDSCAPE PLAN	
L101	LANDSCAPE DETAILS	
S100	SCREEN WALL DETAILS	

ENGINEERING DIVISION
Approved By: Julie Long, PE
11/05/2020 7:40:53 AM



2019 KIMLEY-HORN AND ASSOCIATES, INC.
767 EUSTIS STREET, SUITE 100, ST. PAUL, MN 55'
PHONE: 651-645-4197

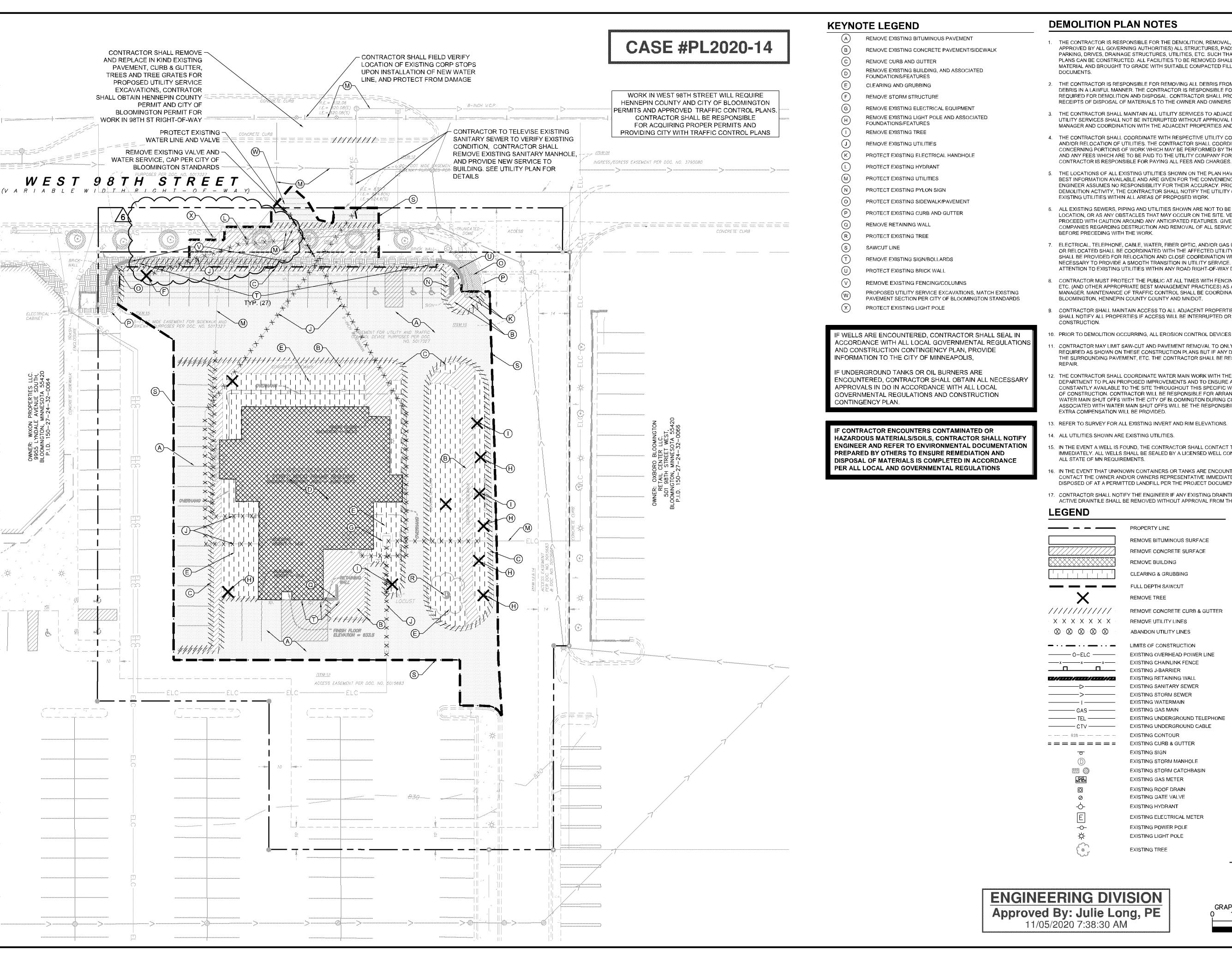
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ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE CANNING STORM MINNESOTA.

AS SHOWN
BY BPG
BPG
BPG
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IIC NO. 53084

OVER SHEET

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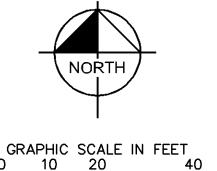
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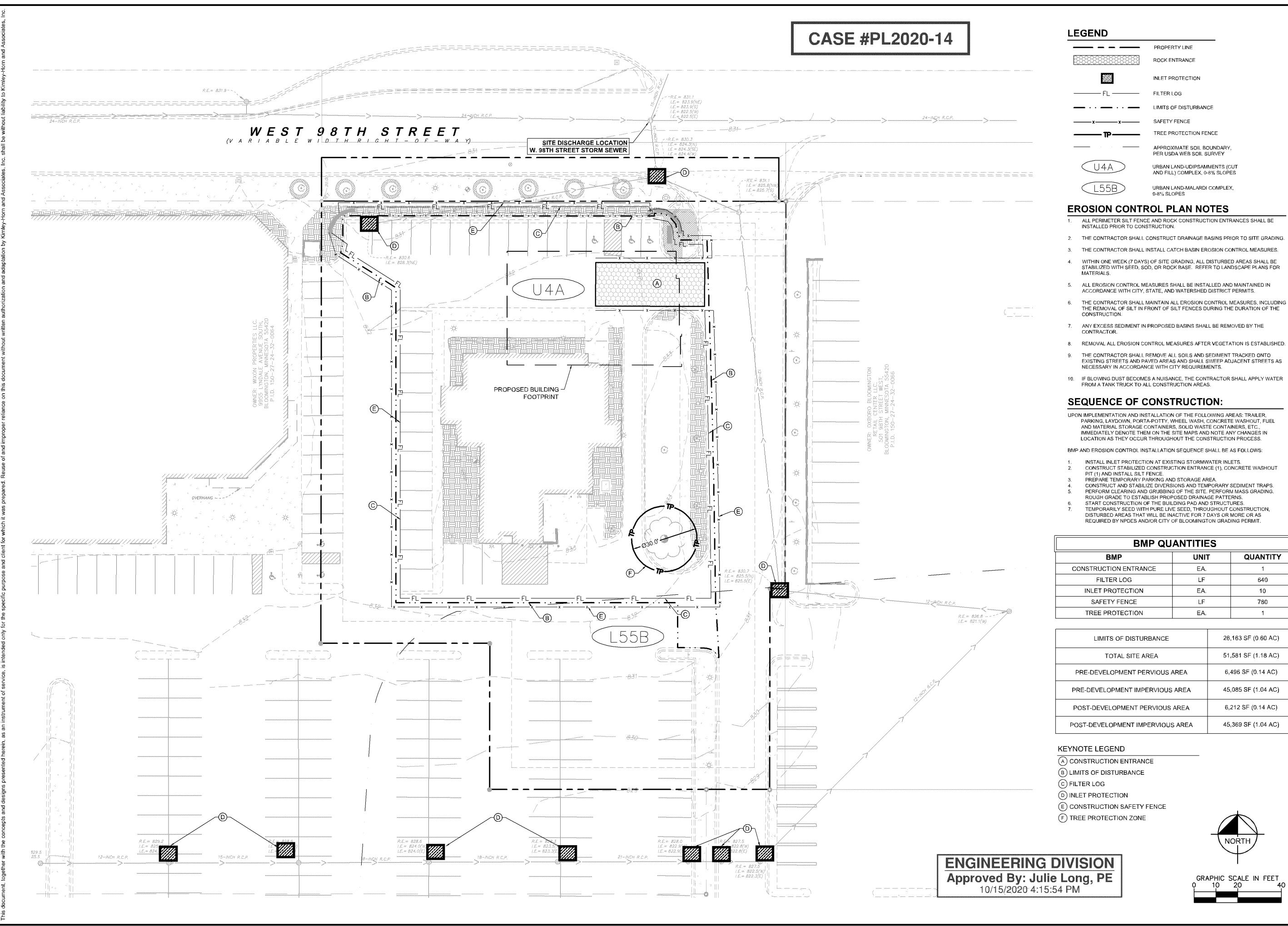
DEMOLITION PLAN NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSAL (IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES) ALL STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PARKING, DRIVES, DRAINAGE STRUCTURES, UTILITIES, ETC. SUCH THAT THE IMPROVEMENTS ON THE PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE PROJECT
- 2. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING THE DEBRIS IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL. CONTRACTOR SHALL PROVIDE COPIES OF THE PERMIT AND RECEIPTS OF DISPOSAL OF MATERIALS TO THE OWNER AND OWNERS REPRESENTATIVE.
- 3. THE CONTRACTOR SHALL MAINTAIN ALL UTILITY SERVICES TO ADJACENT PROPERTIES AT ALL TIMES. UTILITY SERVICES SHALL NOT BE INTERRUPTED WITHOUT APPROVAL FROM THE CONSTRUCTION MANAGER AND COORDINATION WITH THE ADJACENT PROPERTIES AND/OR THE CITY.
- 4. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE
- 5. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THE PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR LOCATIONS OF EXISTING UTILITIES WITHIN ALL AREAS OF PROPOSED WORK.
- 6. ALL EXISTING SEWERS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS ANY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PRECEDING WITH THE WORK.
- 7. ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC, AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE. CONTRACTOR SHALL PAY CLOSE ATTENTION TO EXISTING UTILITIES WITHIN ANY ROAD RIGHT-OF-WAY DURING CONSTRUCTION.
- 8. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC. (AND OTHER APPROPRIATE BEST MANAGEMENT PRACTICES) AS APPROVED BY THE CONSTRUCTION MANAGER. MAINTENANCE OF TRAFFIC CONTROL SHALL BE COORDINATED IN ACCORDANCE WITH BLOOMINGTON, HENNEPIN COUNTY COUNTY AND MN/DOT.
- 9. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES DURING CONSTRUCTION, AND SHALL NOTIFY ALL PROPERTIES IF ACCESS WILL BE INTERRUPTED OR ALTERED AT ANY TIME DURING
- PRIOR TO DEMOLITION OCCURRING, ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED.
- CONTRACTOR MAY LIMIT SAW-CUT AND PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS BUT IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND
- THE CONTRACTOR SHALL COORDINATE WATER MAIN WORK WITH THE FIRE DEPT. AND THE CITY WATER DEPARTMENT TO PLAN PROPOSED IMPROVEMENTS AND TO ENSURE ADEQUATE FIRE PROTECTION IS CONSTANTLY AVAILABLE TO THE SITE THROUGHOUT THIS SPECIFIC WORK AND THROUGH ALL PHASES OF CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR ARRANGING/PROVIDING ANY REQUIRED WATER MAIN SHUT OFFS WITH THE CITY OF BLOOMINGTON DURING CONSTRUCTION. ANY COSTS ASSOCIATED WITH WATER MAIN SHUT OFFS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO EXTRA COMPENSATION WILL BE PROVIDED.
- 13. REFER TO SURVEY FOR ALL EXISTING INVERT AND RIM ELEVATIONS.
- 14. ALL UTILITIES SHOWN ARE EXISTING UTILITIES.
- IN THE EVENT A WELL IS FOUND, THE CONTRACTOR SHALL CONTACT THE ENGINEER AND OWNER IMMEDIATELY. ALL WELLS SHALL BE SEALED BY A LICENSED WELL CONTRACTOR IN ACCORDANCE WITH ALL STATE OF MN REQUIREMENTS.
- IN THE EVENT THAT UNKNOWN CONTAINERS OR TANKS ARE ENCOUNTERED, THE CONTRACTOR SHALL CONTACT THE OWNER AND/OR OWNERS REPRESENTATIVE IMMEDIATELY. ALL CONTAINERS SHALL BE DISPOSED OF AT A PERMITTED LANDFILL PER THE PROJECT DOCUMENTS.
- 17. CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY EXISTING DRAINTILE IS ENCOUNTERED ON SITE. NO ACTIVE DRAINTILE SHALL BE REMOVED WITHOUT APPROVAL FROM THE ENGINEER.

	PROPERTY LINE
	REMOVE BITUMINOUS SURFACE
	REMOVE CONCRETE SURFACE
	REMOVE BUILDING
	CLEARING & GRUBBING
	FULL DEPTH SAWCUT
X	REMOVE TREE
///////////////////////////////////////	REMOVE CONCRETE CURB & GUTTER
· × · × · × · × · × · × · × · ×	REMOVE UTILITY LINES
$^{\circ}$ \otimes $^{\circ}$ \otimes $^{\circ}$ \otimes $^{\circ}$ \otimes $^{\circ}$	ABANDON UTILITY LINES
	LIMITS OF CONSTRUCTION
	EXISTING OVERHEAD POWER LINE
xxx	EXISTING CHAINLINK FENCE
	EXISTING J-BARRIER
Mungungungu	EXISTING RETAINING WALL
D	EXISTING SANITARY SEWER
>	EXISTING STORM SEWER
———I———	EXISTING WATERMAIN
——— GAS ———	EXISTING GAS MAIN
TEL	EXISTING UNDERGROUND TELEPHONE
CTV	EXISTING UNDERGROUND CABLE
	EXISTING CONTOUR
=======	EXISTING CURB & GUTTER
-	EXISTING SIGN
	EXISTING STORM MANHOLE
Color Car	EXISTING STORM CATCHBASIN
GAS. METER	EXISTING GAS METER
O	EXISTING ROOF DRAIN
0	EXISTING GATE VALVE
- 	EXISTING HYDRANT
E - ← *	EXISTING ELECTRICAL METER
<u> </u>	EXISTING POWER POLE
₩.	EXISTING LIGHT POLE
(a) 3.	EXISTING TREE
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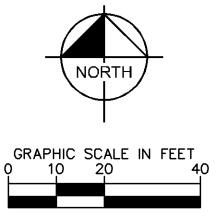
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- STABILIZED WITH SEED, SOD, OR ROCK BASE. REFER TO LANDSCAPE PLANS FOR
- THE REMOVAL OF SILT IN FRONT OF SILT FENCES DURING THE DURATION OF THE
- EXISTING STREETS AND PAVED AREAS AND SHALL SWEEP ADJACENT STREETS AS

BMP QUANTITIES					
ВМР	UNIT	QUANTITY			
CONSTRUCTION ENTRANCE	EA.	1			
FILTER LOG	LF	640			
INLET PROTECTION	EA.	10			
SAFETY FENCE	LF	780			
TREE PROTECTION	EA.	1			

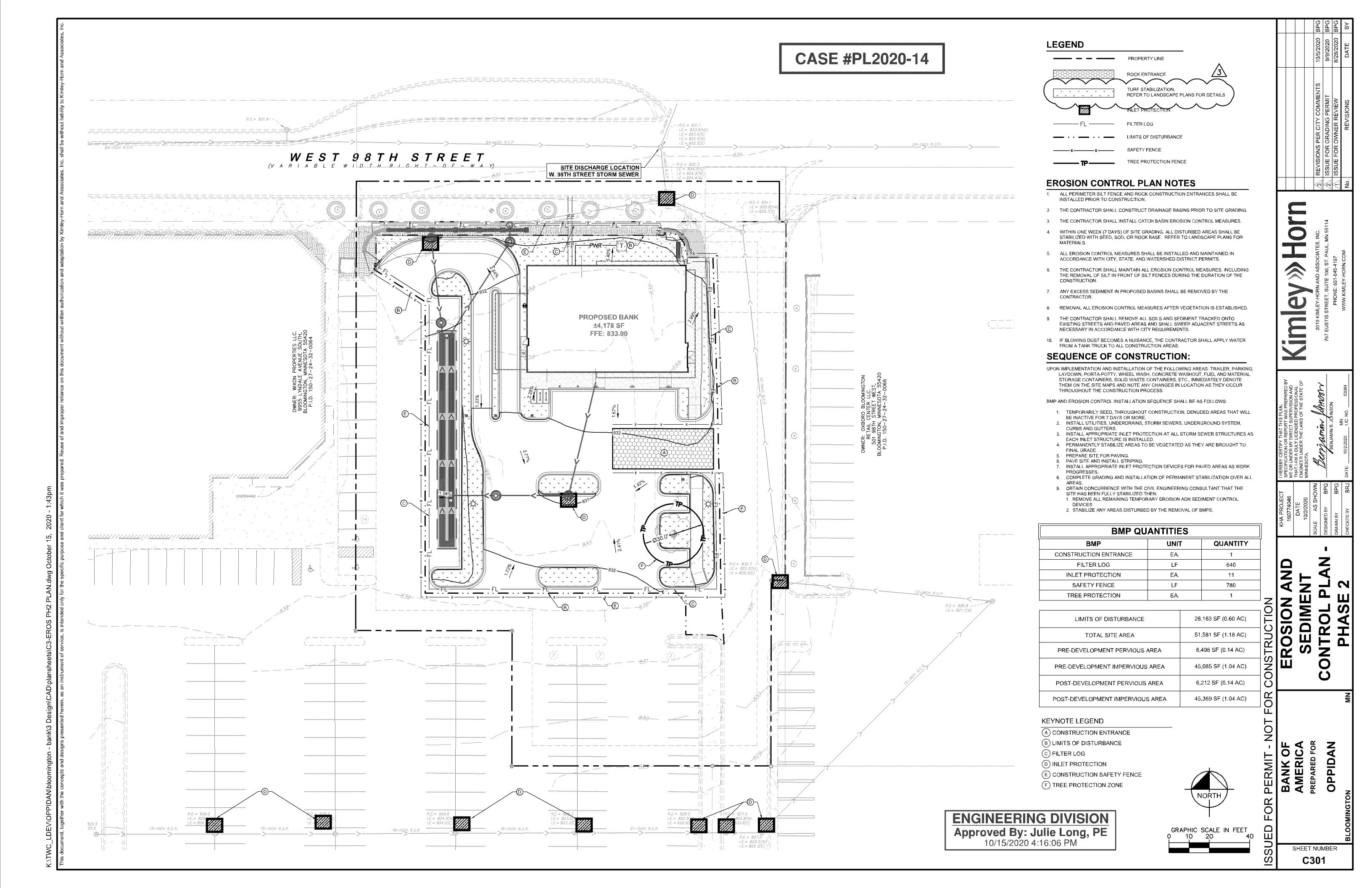
LIMITS OF DISTURBANCE	26,163 SF (0.60 AC)
TOTAL SITE AREA	51,581 SF (1.18 AC)
PRE-DEVELOPMENT PERVIOUS AREA	6,496 SF (0.14 AC)
PRE-DEVELOPMENT IMPERVIOUS AREA	45,085 SF (1.04 AC)
POST-DEVELOPMENT PERVIOUS AREA	6,212 SF (0.14 AC)
POST-DEVELOPMENT IMPERVIOUS AREA	45,369 SF (1.04 AC)

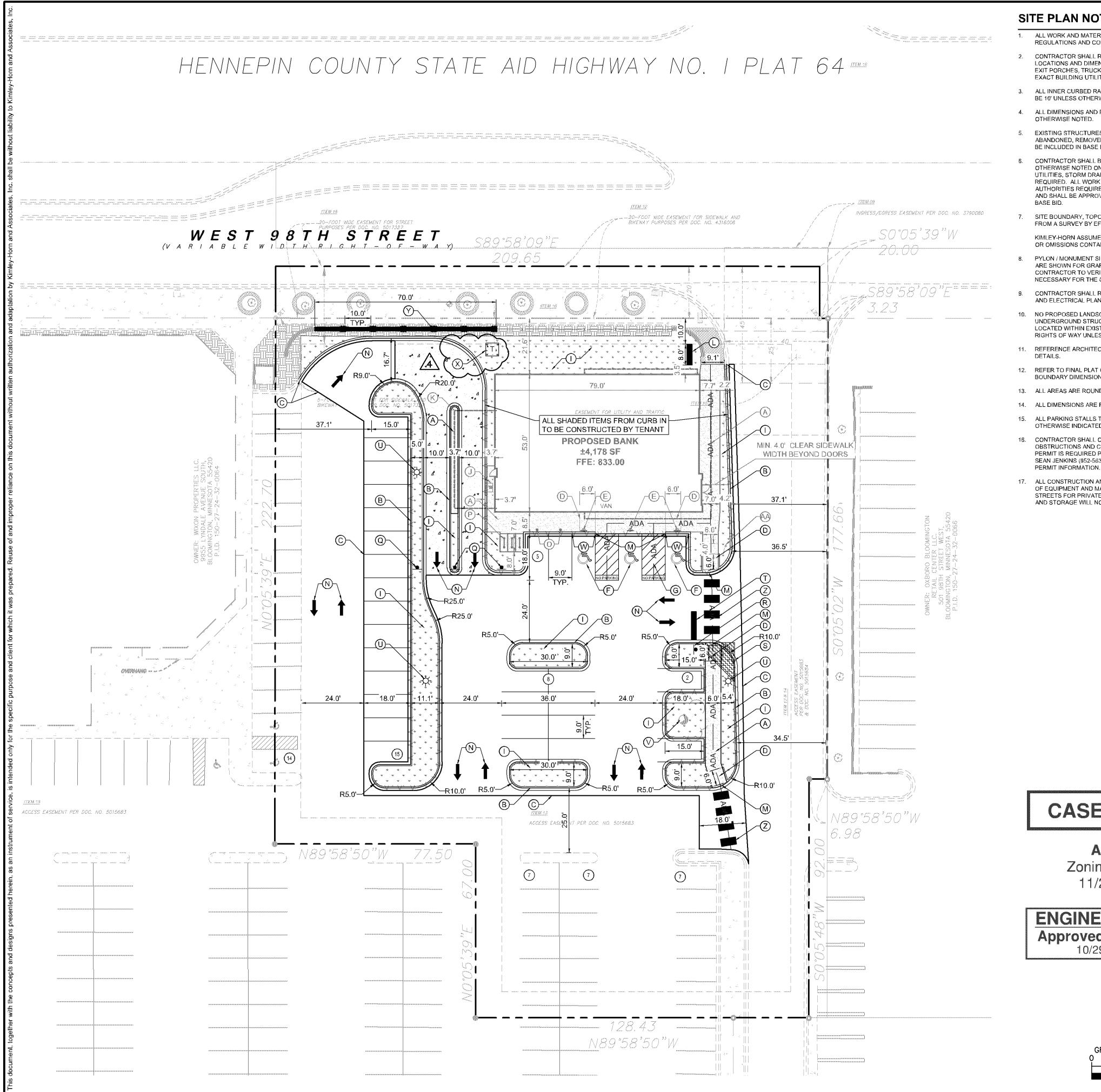


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SITE PLAN NOTES

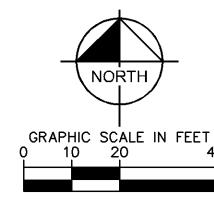
- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING 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'.
- ALL DIMENSIONS AND RADII ARE TO THE FACE OF CURB UNLESS
- EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE ABANDONED, REMOVED OR RELOCATED AS NECESSARY. ALL COST SHALL
- 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
- SITE BOUNDARY, TOPOGRAPHY, UTILITY AND ROAD INFORMATION TAKEN FROM A SURVEY BY EFN, DATED 7/23/2019.
- 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.
- 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
- 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.
- 15. ALL PARKING STALLS TO BE 9' IN WIDTH AND 18' IN LENGTH UNLESS OTHERWISE INDICATED.
- 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
- 17. ALL CONSTRUCTION AND POST-CONSTRUCTION PARKING AND STORAGE OF EQUIPMENT AND MATERIALS MUST BE ON-SITE. USE OF PUBLIC STREETS FOR PRIVATE CONSTRUCTION PARKING, LOADING/UNLOADING, AND STORAGE WILL NOT BE ALLOWED.

CASE #PL2020-14

APPROVED

Zoning Review Only 11/20/2020 NMJ

ENGINEERING DIVISION Approved By: Julie Long, PE 10/29/2020 9:36:58 AM



LEGEND

PROPERTY LINE SETBACK LINE

PROPOSED STANDARD CURB AND GUTTER PROPOSED REVERSE PITCH CURB AND GUTTER ACCESSIBLE ROUTE, MAXIMUM CROSS SLOPE SHALL NOT EXCEED 2% AND LONGITUDINAL ----- ADA -----SLOPE SHALL NOT EXCEED 5%.

PROPOSED STANDARD DUTY ASPHALT

PROPOSED CONCRETE PAVEMENT

PROPOSED CONCRETE SIDEWALK

PROPOSED LANDSCAPING

PROPERTY SUMMARY

BANK OF AMERICA		
TOTAL PROPERTY AREA	55,774 SF (1.28 AC)	
EXISTING RIGHT OF WAY EASEMENT	4,193 SF (0.10 AC)	
NET PROPERTY AREA	51,581 SF (1.18 AC)	
PROPOSED IMPERVIOUS AREA	45,369 SF (1.04 AC)	
PROPOSED PERVIOUS AREA	6,212 SF (0.14 AC)	
TOTAL DISTURBED AREA	26,163 SF (0.60 AC)	

ZONING SUMMARY

EXISTING ZONING	B4 COMMUNITY COMMERCIAL, PUD OVERLAY
PROPOSED ZONING	B4 COMMUNITY COMMERCIAL, PUD OVERLAY
SETBACK REQUIRMENTS	FRONT = 65' SIDE = 25' REAR = 25'

BUILDING DATA SUMMARY

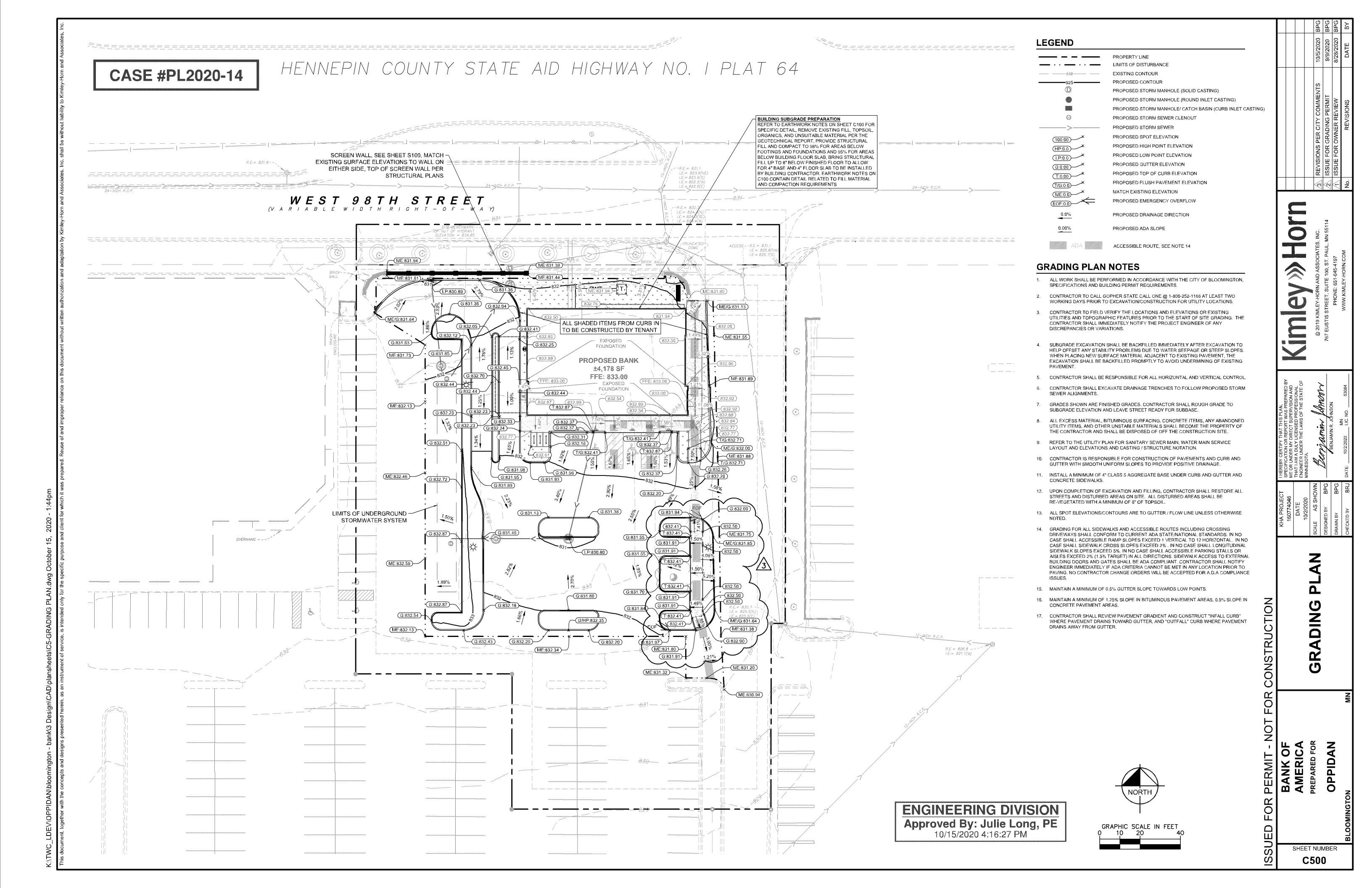
AREAS		
PROPOSED PROPERTY	55,774 SF (1.28 AC)	
BUILDING AREA	4,020 SF (7.2% OF TOTAL PROPERTY AREA)	
PARKING		
REQUIRED PARKING	18 SPACES @ 1/240 SF	
PROPOSED PARKING	64 SPACES (SHARED)	
ADA STALLS REQ'D / PROVIDED	3 STALLS / 3 STALLS	

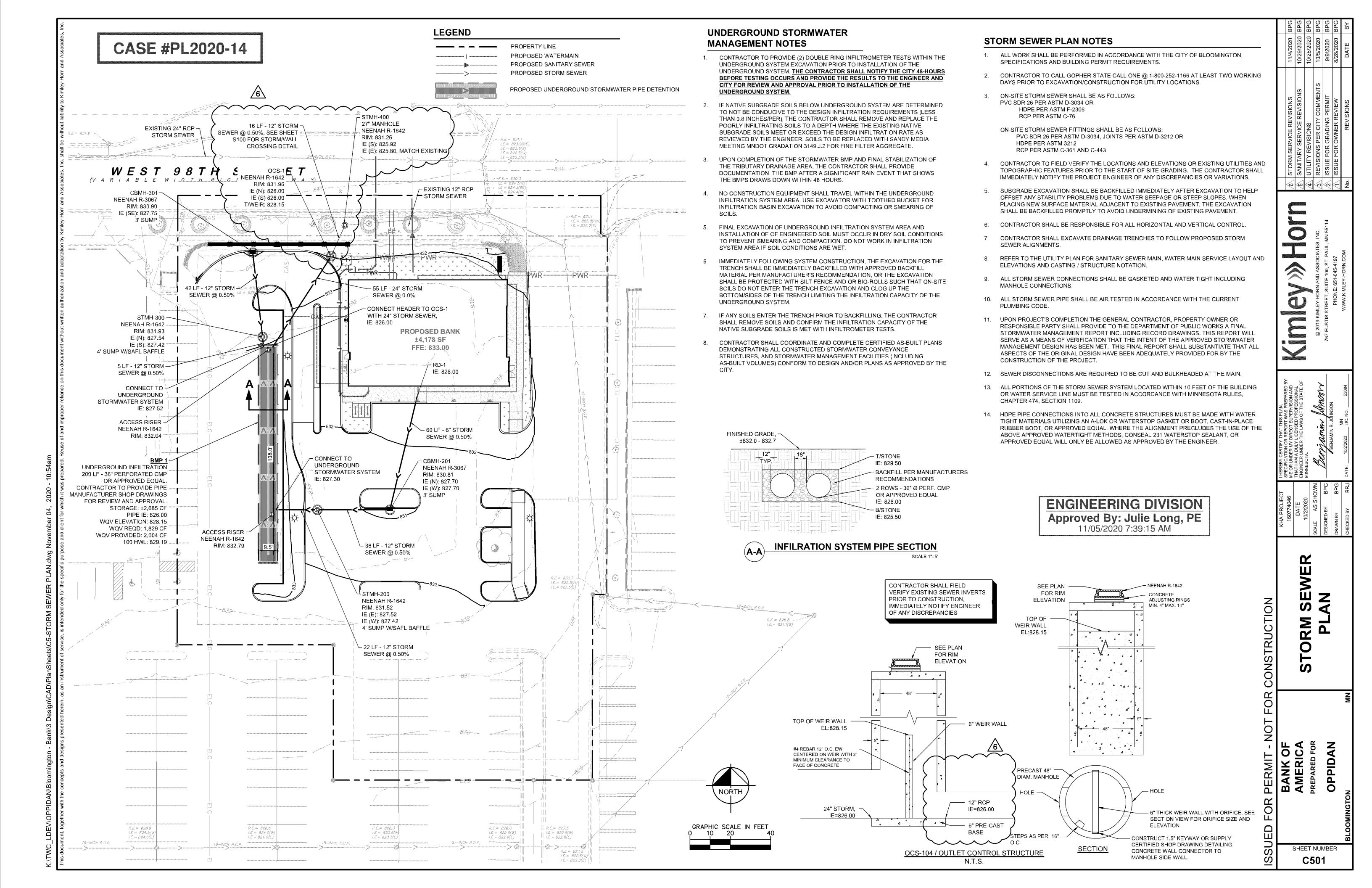
KEYNOTE LEGEND

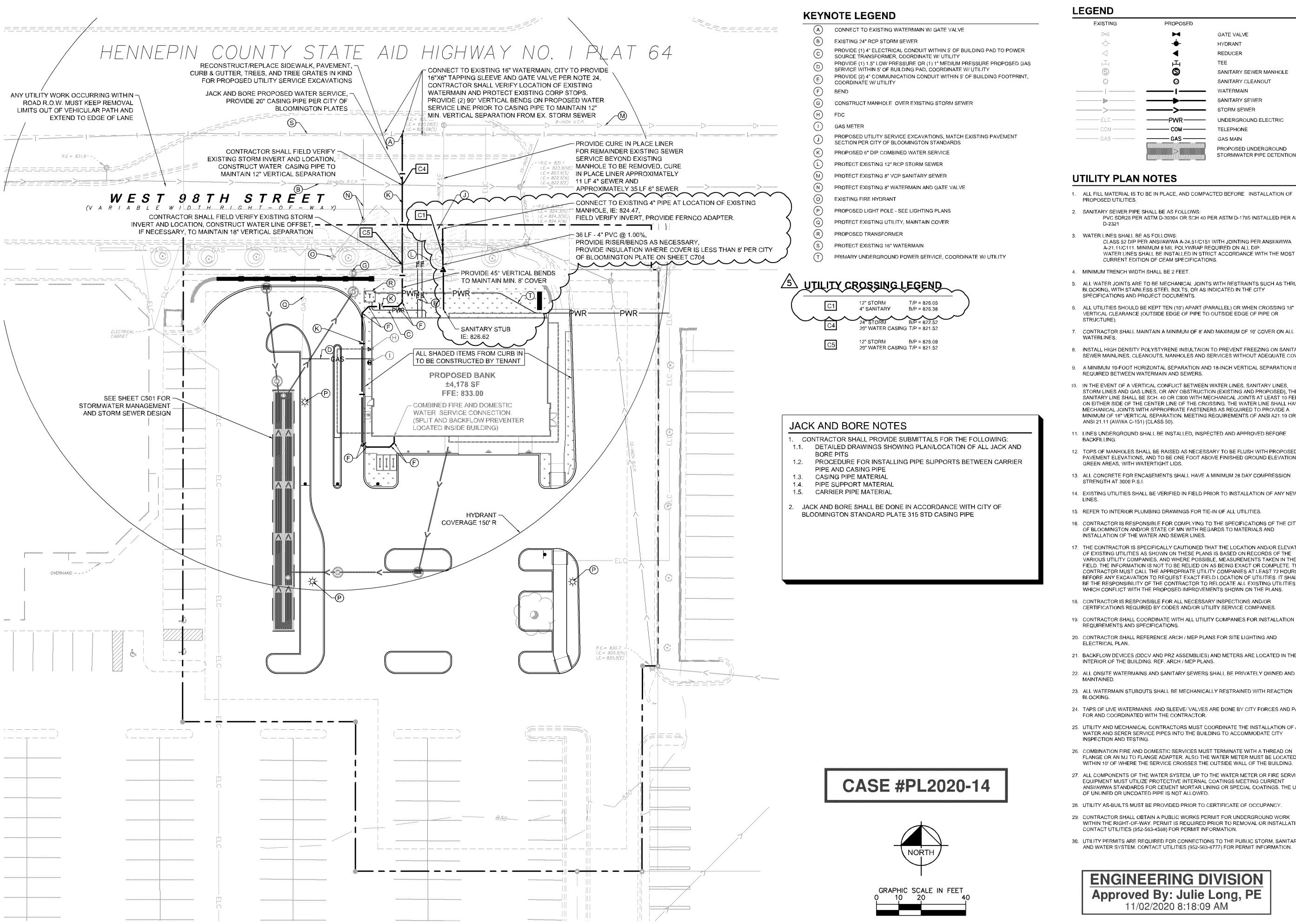
- CONCRETE SIDEWALK
- B612 CURB & GUTTER (TYP.)
- MATCH EXISTING EDGE OF PAVEMENT/ CURB & GUTTER
- ACCESSIBLE CURB RAMP
- ACCESSIBLE PARKING SIGN W/ BOLLARD BASE
- ACCESSIBLE PARKING
- AREA STRIPED WITH 4" SWSL @ 45° 2' O.C.
- STANDARD DUTY ASPHALT PAVEMENT
- LANDSCAPE AREA SEE LANDSCAPE PLANS DRIVE-UP ATM KIOSK - SEE ARCH/MECH PLANS
- OVERHEAD BUILDING CANOPY SEE ARCH PLANS
- PROPOSED MONUMENT SIGN
- \bigcirc M
 - **DIRECTIONAL STRIPING**
- PARKING SIGN: "LOW EMITTING VEHICLES SIGN" PER BANK SIGNAGE AND LEED REQUIREMENTS. SIGN PROVIDED BY BANK SIGNAGE VENDOR. GC IS TO PROVIDE AND INSTALL BOLLARD, BOLLARD COVER & POST AS SHOWN ON ARCH PLANS
- BICYCLE RACK
- R5-1 "DO NOT ENTER" SIGN, 30" X 30"
- R1-1 "STOP" SIGN, 30" X 30"
- 15' SITE TRIANGLE, FREE OF SIGNAGE AND LANDSCAPING
- (T) 24" WIDE STOP BAR
- PROPOSED LIGHT POLE SEE LIGHTING PLANS
- EXISTING TREE TO REMAIN
- TRANSITION CURB 6" TO FLUSH
- PROPOSED TRANSFORMER PAD
- CONSTRUCT SCREEN WALL, MATCH EXISTING WALL, SEE SHEET S100 FOR DETAILS
- PROPOSED CROSSWALK STRIPING 6'X3' WHITE PAINT
- FLAGPOLE, SEE ARCH PLANS

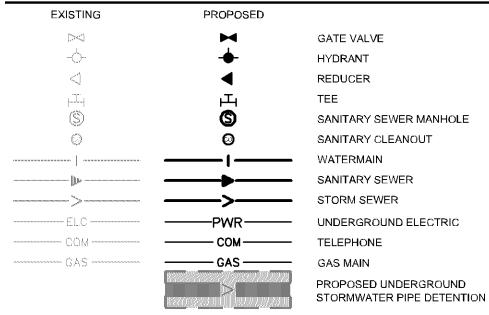
BANK OF AMERICA PREPARED FOR

SHEET NUMBER C400









UTILITY PLAN NOTES

- ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF
- 2. SANITARY SEWER PIPE SHALL BE AS FOLLOWS: PVC SDR26 PER ASTM D-30304 OR SCH 40 PER ASTM D-1785 INSTALLED PER ASTM
- 3. WATER LINES SHALL BE AS FOLLOWS: CLASS 52 DIP PER ANSI/AWWA A-24.51/C151 WITH JOINTING PER ANSI/AWWA A-21.11/C111. 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' AND MAXIMUM OF 10' COVER ON ALL
- INSTALL HIGH DENSITY POLYSTYRENE INSULTAION TO PREVENT FREEZING ON SANITARY SEWER MAINLINES, CLEANOUTS, MANHOLES AND SERVICES WITHOUT ADEQUATE COVER.
- 9. A MINIMUM 10-FOOT HORIZONTAL SEPARATION AND 18-INCH VERTICAL SEPARATION IS REQUIRED BETWEEN WATERMAIN AND SEWERS.
- 10. 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).
- 11. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE
- 12. TOPS OF MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH PROPOSED PAVEMENT ELEVATIONS, AND TO BE ONE FOOT ABOVE FINISHED GROUND ELEVATIONS, IN GREEN AREAS, WITH WATERTIGHT LIDS.
- 13. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 P.S.I.
- 14. EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW
- 15. REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
- 16. 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
- 17. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE 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.
- 18. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES.
- 19. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
- 20. CONTRACTOR SHALL REFERENCE ARCH / MEP PLANS FOR SITE LIGHTING AND ELECTRICAL PLAN.
- 21. BACKFLOW DEVICES (DDCV AND PRZ ASSEMBLIES) AND METERS ARE LOCATED IN THE INTERIOR OF THE BUILDING, REF. ARCH / MEP PLANS.
- 22. ALL ONSITE WATERMAINS AND SANITARY SEWERS SHALL BE PRIVATELY OWNED AND
- 23. ALL WATERMAIN STUBOUTS SHALL BE MECHANICALLY RESTRAINED WITH REACTION
- 24. TAPS OF LIVE WATERMAINS AND SLEEVE/VALVES ARE DONE BY CITY FORCES AND PAID FOR AND COORDINATED WITH THE CONTRACTOR.
- 25. UTILITY AND MECHANICAL CONTRACTORS MUST COORDINATE THE INSTALLATION OF ALL WATER AND SERER SERVICE PIPES INTO THE BUILDING TO ACCOMMODATE CITY
- 26. COMBINATION FIRE AND DOMESTIC SERVICES MUST TERMINATE WITH A THREAD ON FLANGE OR AN MJ TO FLANGE ADAPTER. ALSO THE WATER METER MUST BE LOCATED WITHIN 10' OF WHERE THE SERVICE CROSSES THE OUTSIDE WALL OF THE BUILDING.
- 27. 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 USE OF UNLINED OR UNCOATED PIPE IS NOT ALLOWED.
- 28. UTILITY AS-BUILTS MUST BE PROVIDED PRIOR TO CERTIFICATE OF OCCUPANCY.
- 29. CONTRACTOR SHALL OBTAIN A PUBLIC WORKS PERMIT FOR UNDERGROUND WORK WITHIN THE RIGHT-OF-WAY. PERMIT IS REQUIRED PRIOR TO REMOVAL OR INSTALLATION. CONTACT UTILITIES (952-563-4568) FOR PERMIT INFORMATION.
- 30. UTILITY PERMITS ARE REQUIRED FOR CONNECTIONS TO THE PUBLIC STORM, SANITARY, AND WATER SYSTEM. CONTACT UTILITIES (952-563-8777) FOR PERMIT INFORMATION.

ENGINEERING DIVISION Approved By: Julie Long, PE 11/02/2020 8:18:09 AM

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SHEET NUMBER C600