



LEGEND:

UTILITY	GRADING	SITE
EXISTING: 10" WATERMAIN 6" BURIED ELECTRIC OVERHEAD WIRE GAS LINE SANITARY SEWER STORM SEWER UTILITY POLE LIGHT POLE SANITARY MANHOLE FIRE HYDRANT WATER VALVE STORM SEWER STRUCTURE	EXISTING: MAJOR CONTOUR MINOR CONTOUR EXISTING SPOT ELEVATION PROPOSED: MAJOR CONTOUR MINOR CONTOUR SPOT ELEVATION (FINISHED GRADE, TOP OF PAVEMENT, FLANGE OF CURB) DOOR ELEVATION GROUND GRADE AT BUILDING SPOT ELEVATION (T/C - TOP OF CURB, E/P - EDGE OF PAVEMENT) RETAINING WALL SPOT ELEVATION (T/W - GROUND GRADE AT TOP OF WALL, B/W - GROUND GRADE AT BOTTOM) FLARED END SECTION (PIPE SIZE, INVERT ELEVATION) DRAINAGE FLOW DIRECTION EMERGENCY OVERFLOW ROUTE	EXISTING: EXISTING PARKING COUNT EXISTING SIGN EXISTING ADA PARKING SPACE PROPOSED: PARKING COUNT ADA PARKING SPACE SIGN TRUNCATED DOMES PAVEMENT MARKING DIRECTIONAL ARROWS

GENERAL NOTES AND SPECIFICATIONS:

- THE EXISTING SITE INFORMATION ON THIS PLAN WAS TAKEN FROM A SITE SURVEY PROVIDED BY CAPITOL SURVEY ENTERPRISES. THE ENGINEER MAKES NO WARRANTY OR REPRESENTATION WITH REFERENCE TO THE ACCURACY AND COMPLETENESS OF THE EXISTING CONDITIONS INDICATED OR NOT INDICATED ON THE ENGINEERING PLANS PROVIDED. VERIFY THE LOCATION OF ALL EXISTING SITE CONDITIONS INCLUDING UNDERGROUND UTILITIES, UNDERGROUND UTILITY ELEVATIONS, BUILDING SETBACKS AND EXISTING BUILDING LOCATIONS. THE CONTRACTOR SHALL INFORM THE OWNER AND ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCING WITH WORK. QUESTIONS REGARDING THE EXISTING SURVEY SHALL BE DIRECTED TO THE PARTIES LISTED ABOVE.
- BEFORE PROCEEDING WITH ANY UTILITY CONSTRUCTION, EXCAVATE EACH EXISTING LATERAL TO BE CONNECTED TO VERIFYING ELEVATION, LOCATION AND SIZE. SHOULD THE EXISTING UTILITY NOT BE AS INDICATED ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY FOR EVALUATION.
- ALL UTILITY CONSTRUCTION SHALL ADHERE TO THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN (2003), AS WELL AS THE MUNICIPAL CONSTRUCTION STANDARDS AND THE DEPT. OF SAFETY AND PROFESSIONAL SERVICES SEC. 382-387.
- ALL PERMITS MUST BE RECEIVED FROM THE MUNICIPALITY AND WDNR (IF REQUIRED) PRIOR TO THE START OF CONSTRUCTION. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE ALL APPLICABLE PERMITS ARE RECEIVED PRIOR TO STARTING CONSTRUCTION.
- NOTIFY THE PUBLIC WORKS INSPECTION DEPT. AT LEAST 48 HOURS BEFORE STARTING CONSTRUCTION.
- BACKFILL REQUIREMENTS AND ROADWAY/SIDEWALK RESTORATION SHALL ADHERE TO LOCAL STANDARDS (GRANULAR BACKFILL UNDER OR WITHIN 5' OF CURBS, SIDEWALK, OR PAVEMENT. SPOIL MAY BE USED ELSEWHERE. SLURRY BACKFILL WILL BE REQUIRED IN PUBLIC ROADWAYS.)
- ALL BUILDING UTILITIES SHALL BE VERIFIED WITH THE ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.
- ALL PROPOSED WATERMAIN SHALL BE PVC SDR 18, CLASS 150, AWWA C900 WITH ELASTOMERIC JOINTS (UNLESS OTHERWISE NOTED).
- PROPOSED SANITARY SEWER PIPE SHALL BE PVC, ASTM D-3034, SDR 35 WITH RUBBER GASKETED JOINTS CONFORMING TO ASTM D-3212 (UNLESS OTHERWISE NOTED).
- PROPOSED STORM SEWER SHALL BE PVC, ASTM D-3034, SDR 35 WITH RUBBER ELASTOMERIC JOINTS CONFORMING TO ASTM D-3212 (UNLESS OTHERWISE NOTED).
- A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NONMETALLIC UTILITIES MUST BE PROVIDED. PROVIDE TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED IN ACCORD WITH THE PROVISIONS SECTIONS 182.0715(2R) OF THE STATE STATUTES.
- UTILITY TRENCHES SHALL BE MECHANICALLY COMPACTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN.
- ALL MANHOLES, CATCH BASINS, INLETS, VALVES BOXES, ETC WITHIN THE PROJECT AREA SHALL BE RESET AND ADJUSTED TO MATCH FINISH GRADE.
- ALL EXCAVATED OR STRIPPED MATERIALS NOT BEING REPLACED IN UTILITY TRENCHES OR BEING USED FOR FILL SHALL BE REMOVED FROM THE SITE, UNLESS OTHERWISE DIRECTED BY THE OWNER.
- SEE ARCHITECTURAL PLANS FOR EXACT BUILDING & FOUNDATION DETAILS AND ORIENTATION.
- ALL ON-SITE CONCRETE CURB AND GUTTER TO BE 18" WIDE VERTICAL FACE, UNLESS OTHERWISE NOTED. REVERSE OR REGULAR STYLE CURB DENOTED ON PLANS.
- ALL CURB ELEVATIONS ARE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED. SEE CURB DETAIL FOR TOP OF CURB ELEVATIONS.
- ALL CURB RADII ARE MEASURED TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL MATCH PROPOSED CONCRETE CURB AND GUTTER, SIDEWALK AND PAVEMENT TO EXISTING IN ELEVATION AND ALIGNMENT.
- REMOVAL OF CURB AND GUTTER, SIDEWALK AND PAVEMENT SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS OF THE WISCONSIN D.O.T.
- ALL CONCRETE FOR CURB AND GUTTER, ROADWAY AND SIDEWALKS MUST CONFORM TO THE STANDARD SPECIFICATIONS FOR READY MIXED CONCRETE. MINIMUM 28 DAY COMPRESSIVE STRENGTH TEST MUST EQUAL 4000 PSI.
- PROTECT ALL PROPERTY CORNERS.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING UTILITIES OR SITE IMPROVEMENTS. DOCUMENT ALL EXISTING DAMAGE PRIOR TO START OF CONSTRUCTION AND NOTIFY CONSTRUCTION MANAGER OF ANY FINDINGS.
- PROJECT SAFETY ON-SITE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- AS-BUILTS ARE TO BE PROVIDED TO THE CLIENT TRACKING ANY CHANGES THAT OCCURRED DURING CONSTRUCTION.

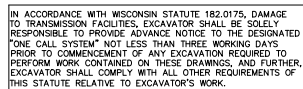
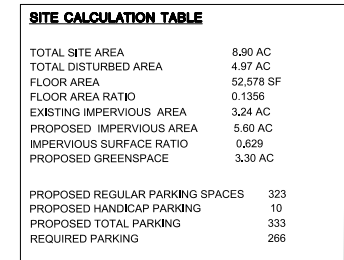
CIVIL SHEET INDEX:

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SITE PLAN REVIEW

Sheet:
PROJECT LOCATION & GENERAL NOTES

Scale:	1" = 30'	North
Revisions:		
No.	Date:	Description:



SITE PLAN REVIEW

Sheet:

SITE PLAN -
NORTH

Scale:
SCALE: 1" = 20'

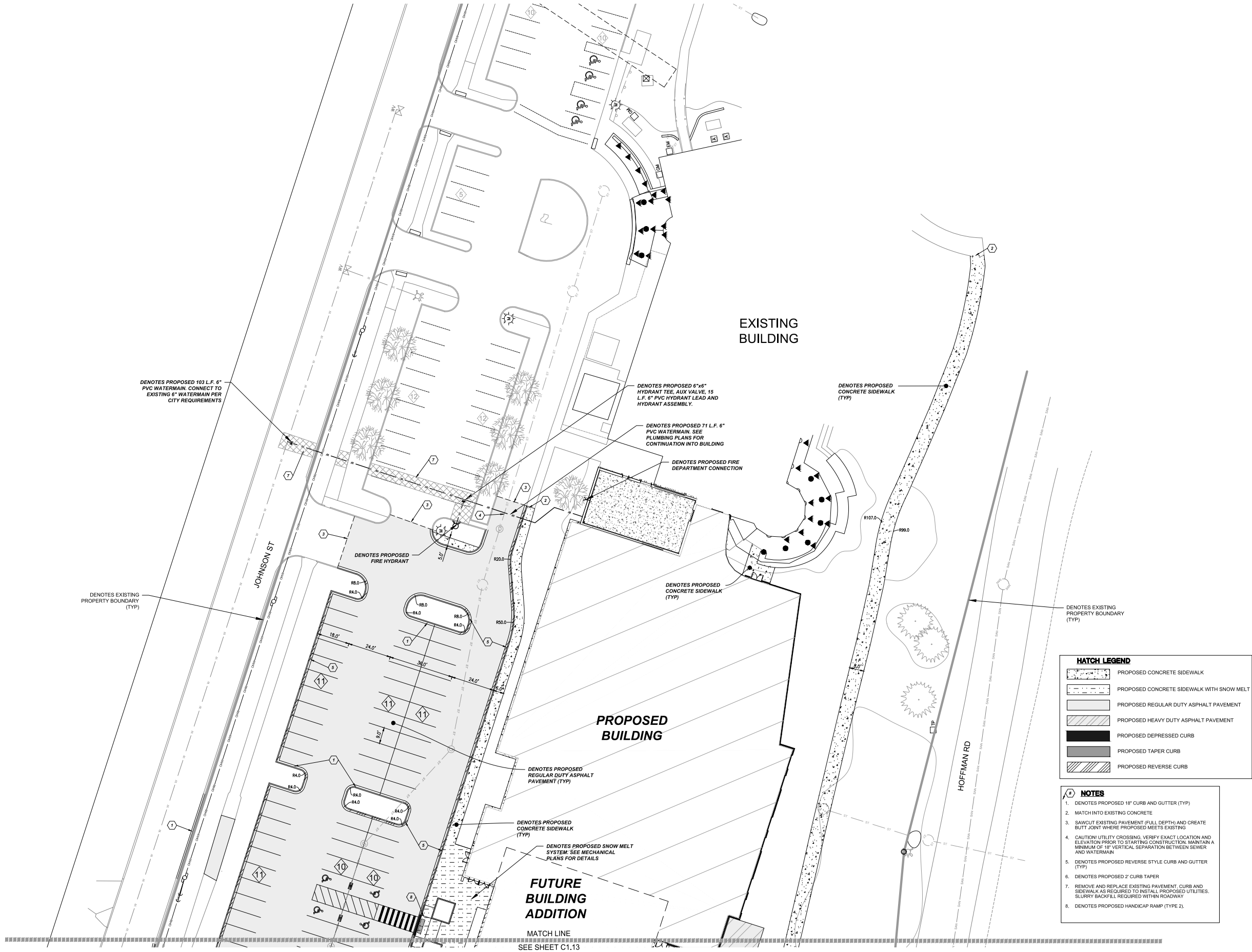
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No. Date Description:

Date:
02-23-2024

Project No.: 230049.00 (Owner) Project No.:

Sheet No.:

C1.12



IN ACCORDANCE WITH WISCONSIN STATUTE 182.0175, DAMAGE TO TRANSMISSION FACILITIES, EXCAVATOR SHALL BE SOLELY RESPONSIBLE TO PROVIDE ADVANCE NOTICE TO THE DESIGNATED "ONE CALL SYSTEM" NOT LESS THAN THREE WORKING DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION REQUIRED TO PERFORM WORK CONTAINED ON THESE DRAWINGS. AND FURTHER, EXCAVATOR SHALL COMPLY WITH ALL OTHER REQUIREMENTS OF THIS STATUTE RELATIVE TO EXCAVATOR'S WORK.



- NOTES**
- DENOTES PROPOSED 18" CURB AND GUTTER (TYP)
 - SAWCUT EXISTING PAVEMENT (FULL DEPTH) AND CREATE BUTT JOINT WHERE PROPOSED MEETS EXISTING
 - DENOTES PROPOSED MODULAR BLOCK RETAINING WALL. SEE LANDSCAPE PLANS
 - CAUTION! UTILITY CROSSING. VERIFY EXACT LOCATION AND ELEVATION PRIOR TO STARTING CONSTRUCTION. MAINTAIN A MINIMUM OF 18" VERTICAL SEPARATION BETWEEN SEWER AND WATERMAIN
 - CAUTION! UTILITIES. VERIFY EXACT LOCATION AND ELEVATION PRIOR TO STARTING CONSTRUCTION
 - DENOTES PROPOSED REVERSE STYLE CURB AND GUTTER (TYP)
 - NOT USED
 - REMOVE AND REPLACE EXISTING PAVEMENT, CURB AND SIDEWALK AS REQUIRED TO INSTALL PROPOSED UTILITIES. SLURRY BACKFILL REQUIRED WITHIN ROADWAY
 - DENOTES PROPOSED PLANTERS (TYP). SEE LANDSCAPE PLANS
 - DENOTES PROPOSED DUMPSTER LOCATION.
 - DENOTES PROPOSED HANDICAP RAMP (TYPE 4).
 - DENOTES PROPOSED FENCE. SEE LANDSCAPE PLANS
 - DENOTES PROPOSED BIKE RACKS. SEE LANDSCAPE PLANS

HATCH LEGEND

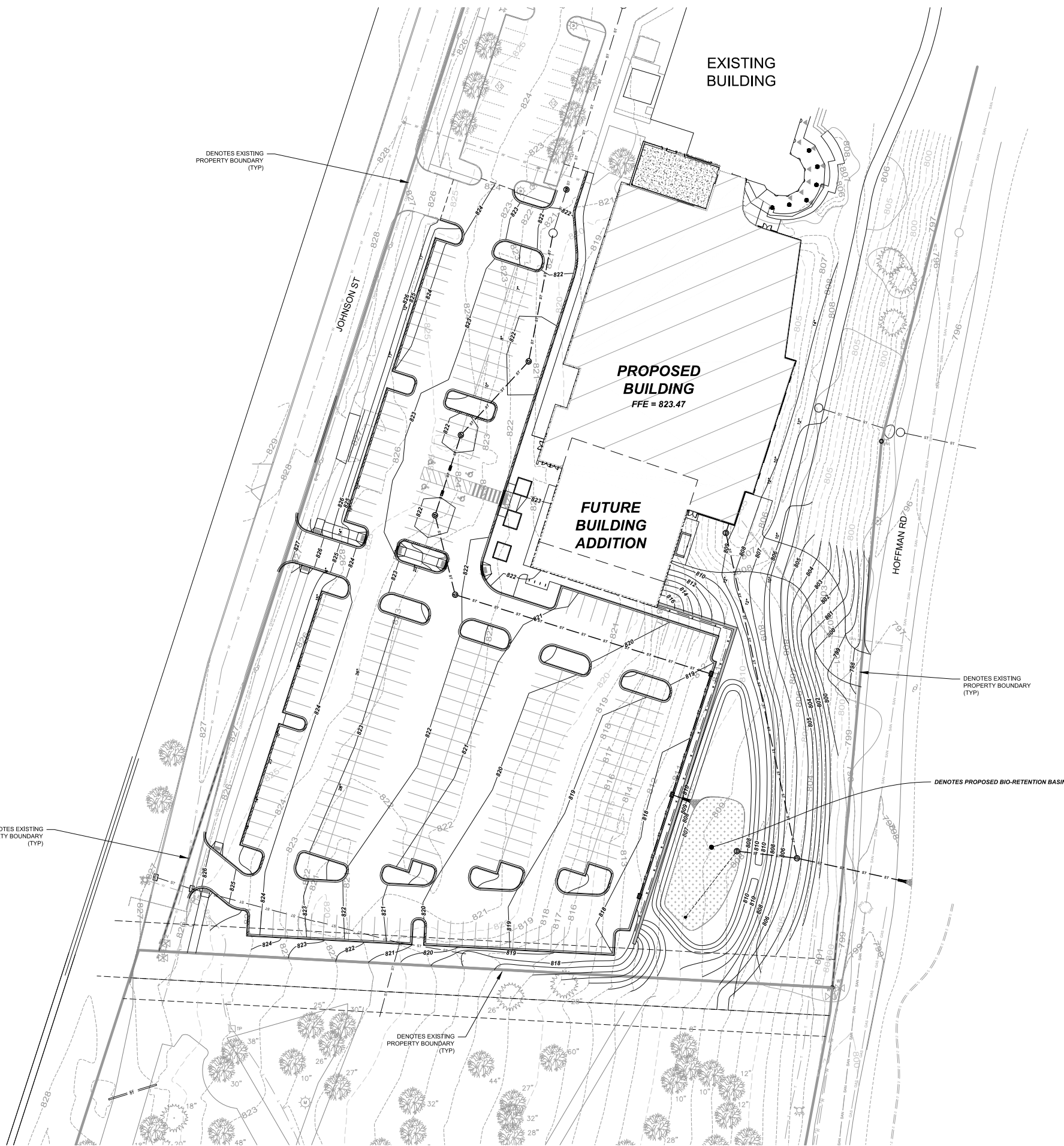
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[Pattern]	PROPOSED CONCRETE PAVEMENT
[Pattern]	PROPOSED DEPRESSED CURB
[Pattern]	PROPOSED TAPER CURB
[Pattern]	PROPOSED REVERSE CURB



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SITE PLAN REVIEW
Sheet:
SITE PLAN - SOUTH

Scale:	North	
SCALE: 1" = 20'		
Revisions:		
No:	Date:	Description:



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SITE PLAN REVIEW

Sheet:
**GRADING PLAN
- OVERALL**

Scale:
SCALE: 1" = 30'

Revisions:

No.	Date:	Description:

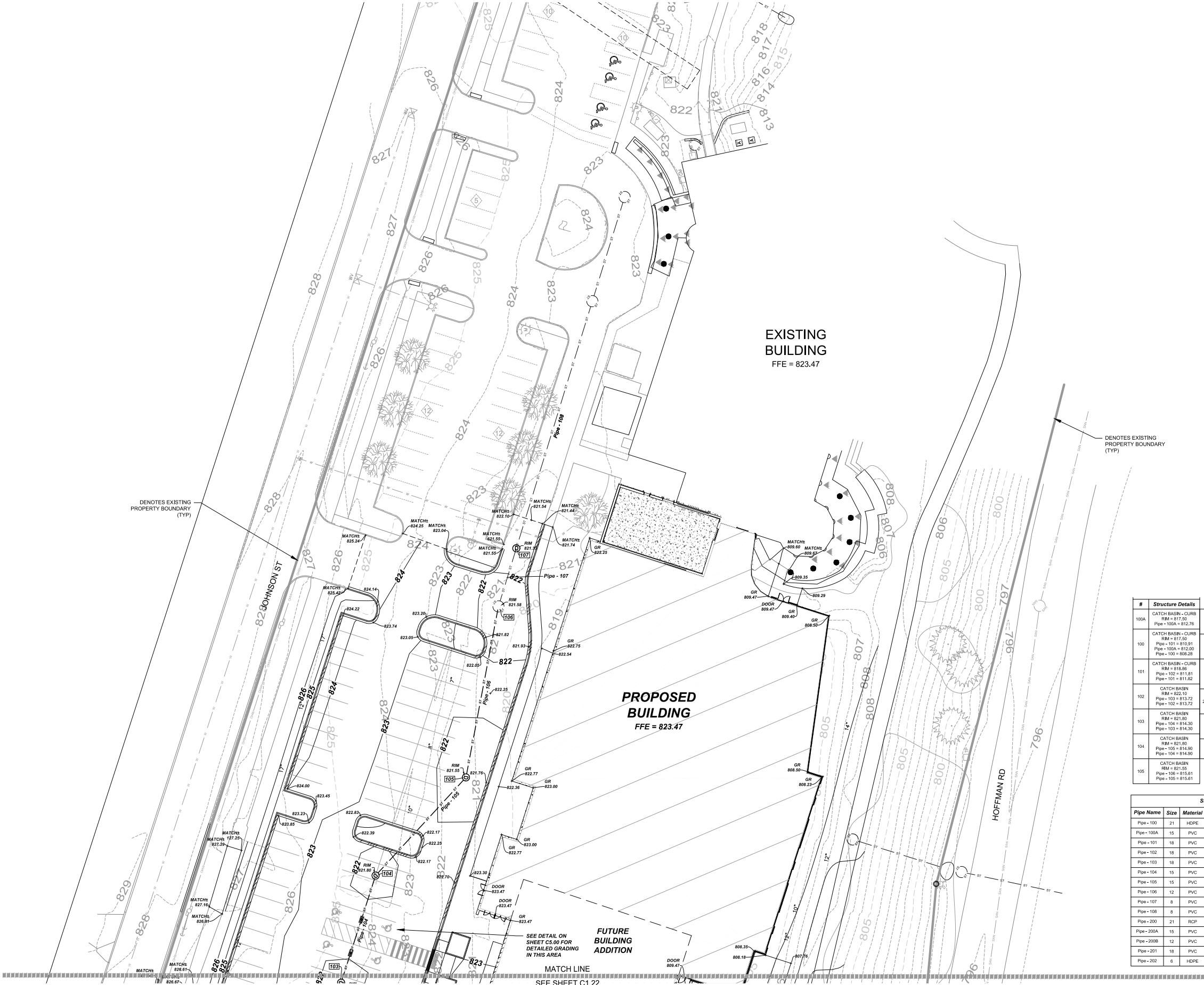
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#	Structure Details	
100A	CATCH BASIN - CURB RM = 817.50 Pipe - 100A = 812.76	106 EXISTING CATCH BASIN RM = 821.58 Pipe - 107 = 816.54 Pipe - 106 = 816.54
100	CATCH BASIN - CURB RM = 817.50 Pipe - 101 = 810.91 Pipe - 100A = 812.00 Pipe - 100 = 808.28	107 CATCH BASIN RM = 821.33 Pipe - 106 = 817.04 Pipe - 107 = 817.04
101	CATCH BASIN - CURB RM = 818.86 Pipe - 102 = 811.81 Pipe - 101 = 811.82	200 CATCH BASIN RM = 805.36 Pipe - 201 = 802.63 Pipe - 107 = 817.04 Pipe - 200 = 801.00
102	CATCH BASIN RM = 822.10 Pipe - 103 = 813.72 Pipe - 102 = 813.72	200A CATCH BASIN RM = 809.08 Pipe - 200B = 805.00 Pipe - 200A = 805.00
103	CATCH BASIN RM = 821.80 Pipe - 104 = 814.30 Pipe - 103 = 814.30	201 OUTLET CONTROL STRUCTURE RM = 807.50 Pipe - 202 = 805.00 Pipe - 201 = 805.00
104	CATCH BASIN RM = 821.80 Pipe - 105 = 814.90 Pipe - 104 = 814.90	202 CLEANOUT RM = 809.00 Pipe - 202 = 805.00
105	CATCH BASIN RM = 821.55 Pipe - 106 = 815.61 Pipe - 105 = 815.61	

Storm Pipe Table					
Pipe Name	Size	Material	Length	Slope	Description
Pipe - 100	21	HDPE	14	1.96%	
Pipe - 100A	15	PVC	76	1.00%	
Pipe - 101	18	PVC	90	1.00%	
Pipe - 102	18	PVC	190	1.00%	
Pipe - 103	18	PVC	58	1.00%	
Pipe - 104	15	PVC	60	1.00%	
Pipe - 105	15	PVC	71	1.00%	
Pipe - 106	12	PVC	93	1.00%	
Pipe - 107	8	PVC	32	1.55%	EXISTING PIPE
Pipe - 108	8	PVC	138	1.55%	EXISTING PIPE
Pipe - 200	21	RCP	80	8.14%	
Pipe - 200A	15	PVC	237	1.98%	
Pipe - 200B	12	PVC	7	1.00%	PLUMBING PIPE
Pipe - 201	18	PVC	43	5.51%	
Pipe - 202	6	HDPE	60	0.00%	PERFORATED UNDERDRAIN

SITE PLAN REVIEW

Sheet:
Grading Plan
- NORTH

Scale:
SCALE: 1" = 20'

Revisions:		
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#	Structure Details		
100A	CATCH BASIN - CURB RIM = 817.50 Pipe - 100A = 812.76	106	EXISTING CATCH BASIN RIM = 821.58 Pipe - 107 = 816.54 Pipe - 108 = 816.54
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101	CATCH BASIN - CURB RIM = 818.86 Pipe - 102 = 811.81 Pipe - 101 = 811.82	200	CATCH BASIN RIM = 805.36 Pipe - 201 = 802.63 Pipe - 200A = 802.63 Pipe - 200 = 801.00
102	CATCH BASIN RIM = 822.10 Pipe - 103 = 813.72 Pipe - 102 = 813.72	200A	CATCH BASIN RIM = 808.06 Pipe - 200B = 805.00 Pipe - 200A = 805.00
103	CATCH BASIN RIM = 821.80 Pipe - 104 = 814.30 Pipe - 103 = 814.30	201	OUTLET CONTROL STRUCTURE RIM = 807.50 Pipe - 202 = 805.00 Pipe - 201 = 805.00
104	CATCH BASIN RIM = 821.80 Pipe - 105 = 814.90 Pipe - 104 = 814.90	202	CLEANOUT RIM = 809.00 Pipe - 202 = 805.00
105	CATCH BASIN RIM = 821.55 Pipe - 106 = 815.61 Pipe - 105 = 815.61		

Storm Pipe Table					
Pipe Name	Size	Material	Length	Slope	Description
Pipe - 100	21	HDPE	14	1.98%	
Pipe - 100A	15	PVC	76	1.00%	
Pipe - 101	18	PVC	90	1.00%	
Pipe - 102	18	PVC	190	1.00%	
Pipe - 103	18	PVC	58	1.00%	
Pipe - 104	15	PVC	60	1.00%	
Pipe - 105	15	PVC	71	1.00%	
Pipe - 106	12	PVC	93	1.00%	
Pipe - 107	8	PVC	32	1.55%	EXISTING PIPE
Pipe - 108	8	PVC	138	1.55%	EXISTING PIPE
Pipe - 200	21	RCP	80	8.14%	
Pipe - 200A	15	PVC	237	1.00%	
Pipe - 200B	12	PVC	7	1.00%	PLUMBING PIPE
Pipe - 201	18	PVC	43	5.51%	
Pipe - 202	6	HDPE	60	0.00%	PERFORATED UNDERDRAIN



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SITE PLAN REVIEW

Sheet:
GRADING PLAN
- SOUTH

Scale:
SCALE: 1" = 20'

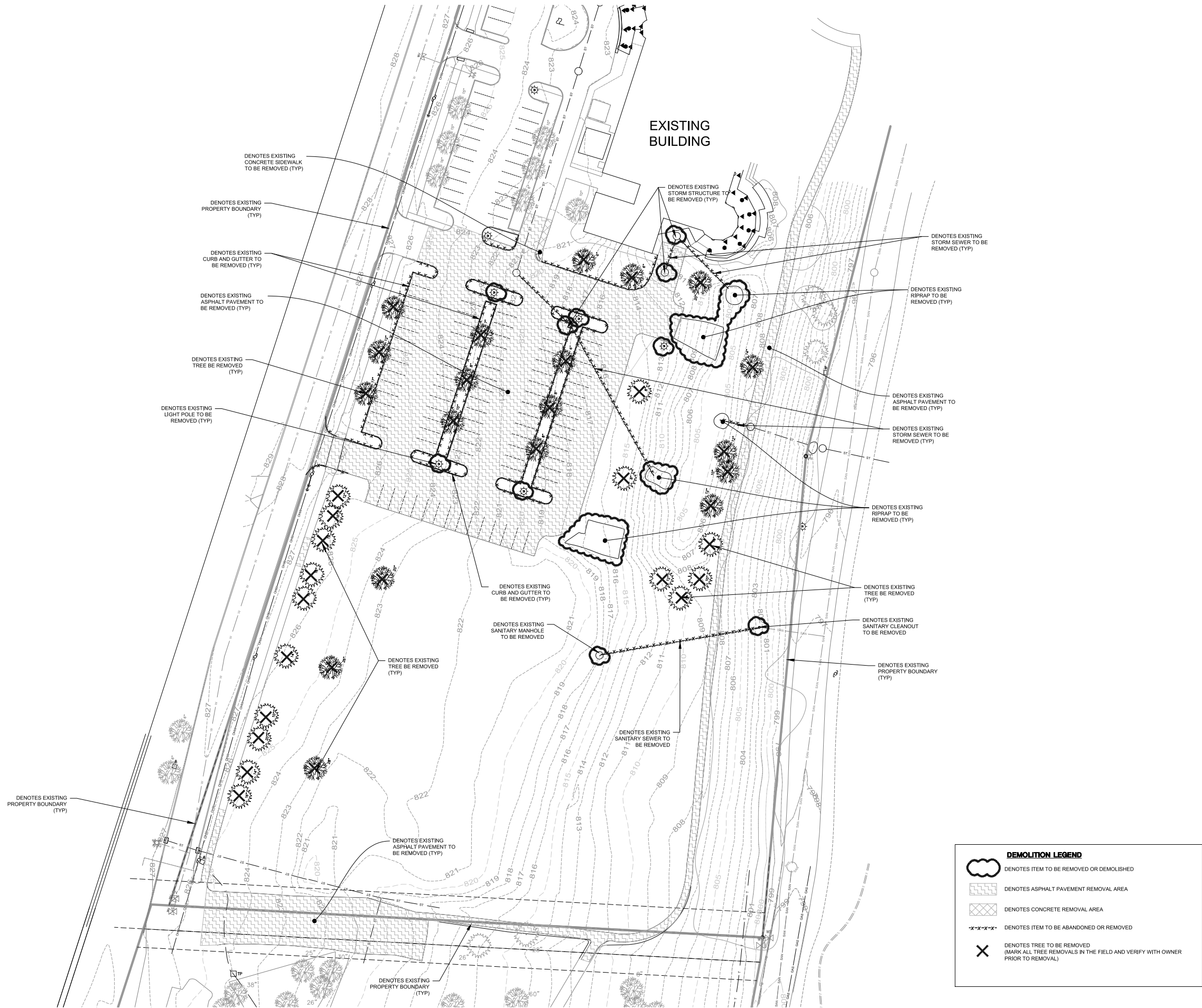
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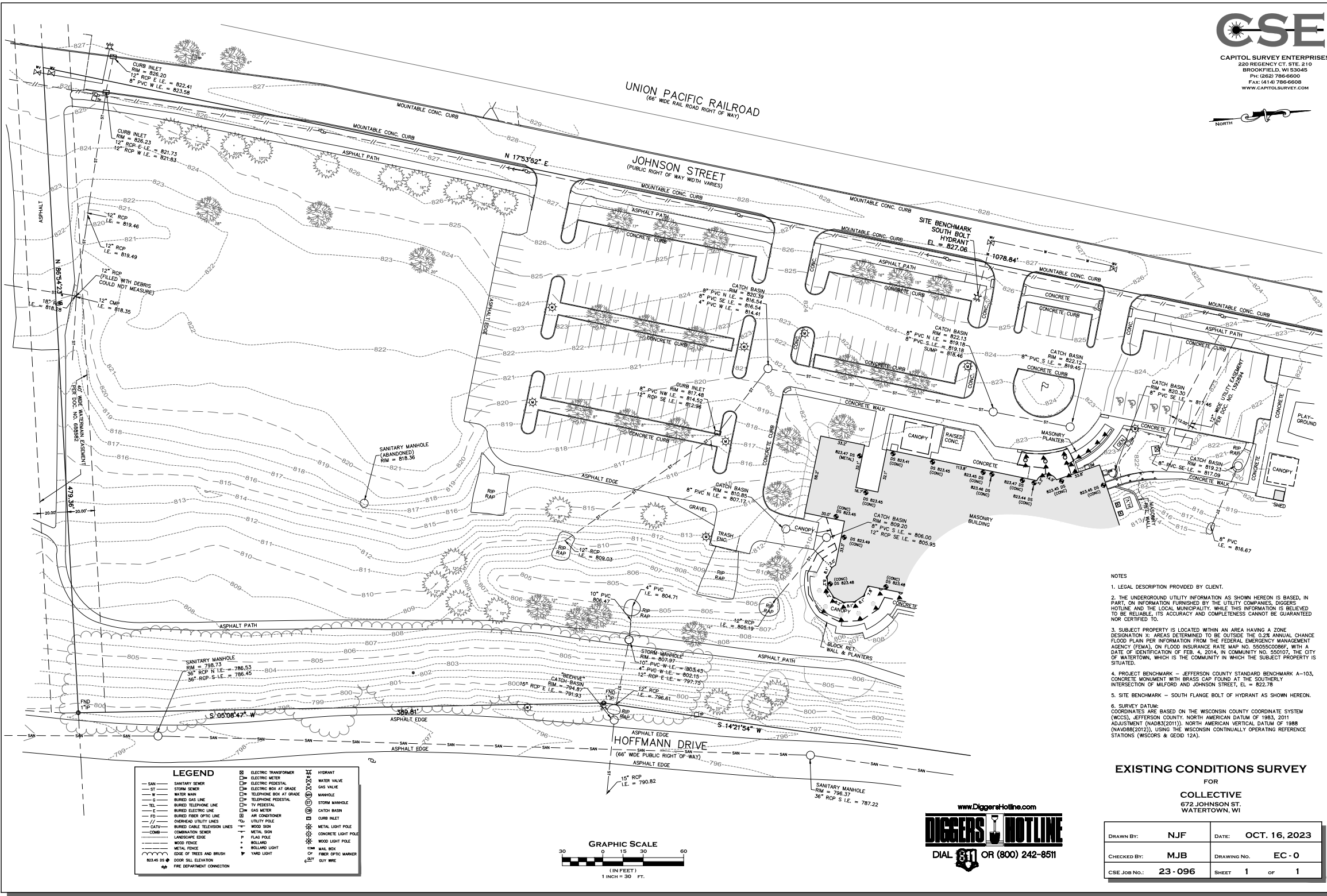
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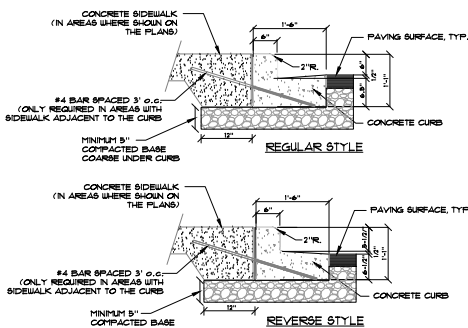
SITE PLAN REVIEW

DEMOLITION PLAN

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2-23-2024	
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06 18 INCH VERTICAL CURB
NTS



07 **DEPRESSED CURB**
NTS



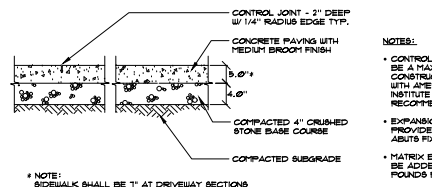
08 **REGULAR DUTY ASPHALT PAVEMENT**
NTS



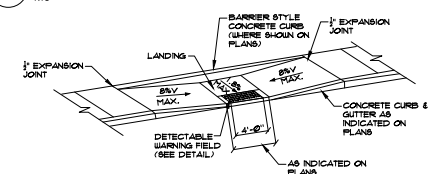
09 HEAVY DUTY ASPHALT PAVEMENT



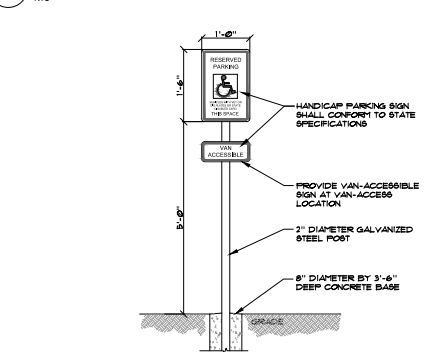
10 CONCRETE PAVEMENT



11 CONCRETE SIDEWALK
NTS

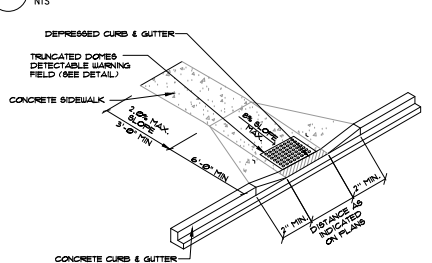


12 **HANDICAP RAMP - TYPE 2**
NTS

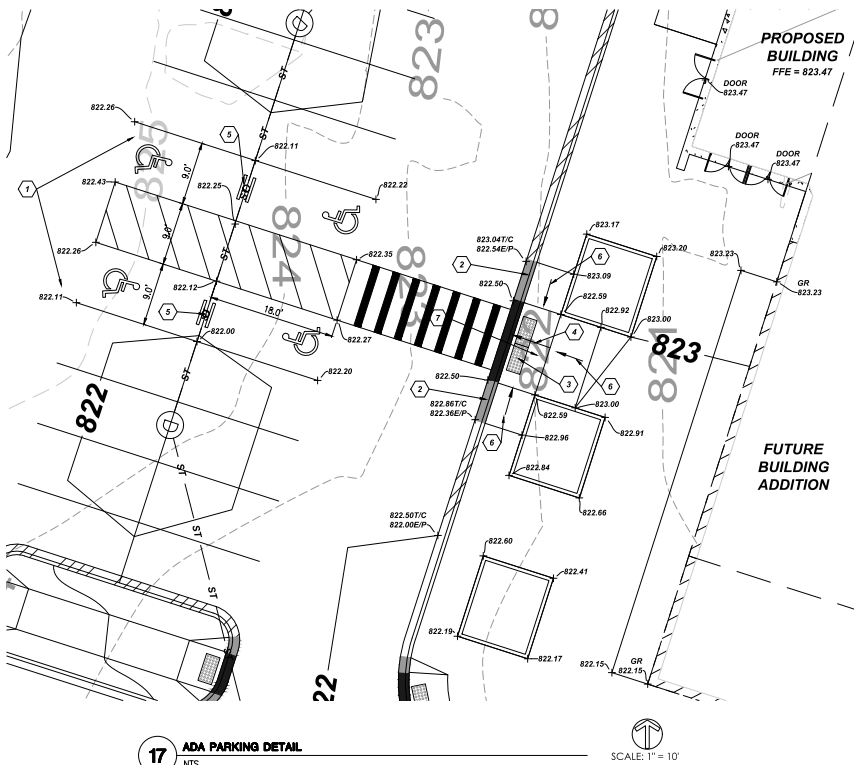


13 **HANDICAP PARKING SIGN**
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14 **TRUNCATED DOMES**
NTS



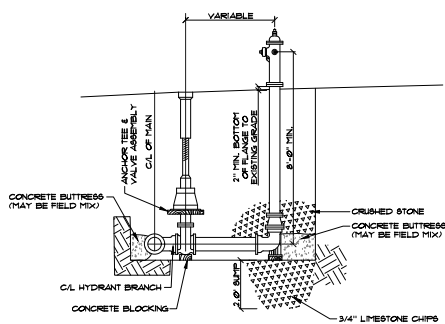
15 **HANDICAP RAMP - TYPE 4**
NTS



17 **ADA PARKING DETAIL**
NTS

- NOTES**

 1. DENOTES PROPOSED ADA PARKING 1.8% MAX SLOPE IN ANY DIRECTION (TYP)
 2. DENOTES PROPOSED 6' CURB TAPER
 3. DENOTES PROPOSED TRUNCATED DOMES (TYP)
 4. DENOTES PROPOSED 1.8% MAX SLOPE
 5. DENOTES PROPOSED HANDICAP SIGN (TYP)
 6. DENOTES PROPOSED RAMP 8% MAX SLOPE
 7. DENOTES PROPOSED HANDICAP RAMP - TYPE 2



18 **TYPICAL HYDRANT DETAIL**
NTS

- NOTE:
- 1) MEGALUG RESTRAINING GLANDS ON ALL MECHANICAL JOINTS, THE BOLTS & NUTS ARE TO BE HIGH STRENGTH LOW ALLOY STEEL (CORTEN) AS PER SECTION 11.6.5 OF A.W.W.A. C-111.
- 2) THE FOLLOWING HYDRANTS SHALL BE ALLOWED:
- MUELLER SUPER CENTURION 250 3-WAY FIRE HYDRANT
 - U.S. PIPE METROPOLITAN M-94 DUCTILE IRON FIRE HYDRANT
 - WATERLOO 5 1/4" PACER FIRE HYDRANT