



# VILLAGE ON PARK PARKING STRUCTURE AND SITE IMPROVEMENTS FOR THE COMMUNITY DEVELOPMENT AUTHORITY OF THE CITY OF MADISON

808 HUGHES PLACE, MADISON WI 53713

PROJECT DESCRIPTION: SIX-LEVEL, 295 STALL  
PARKING GARAGE WITH SITE IMPROVEMENTS

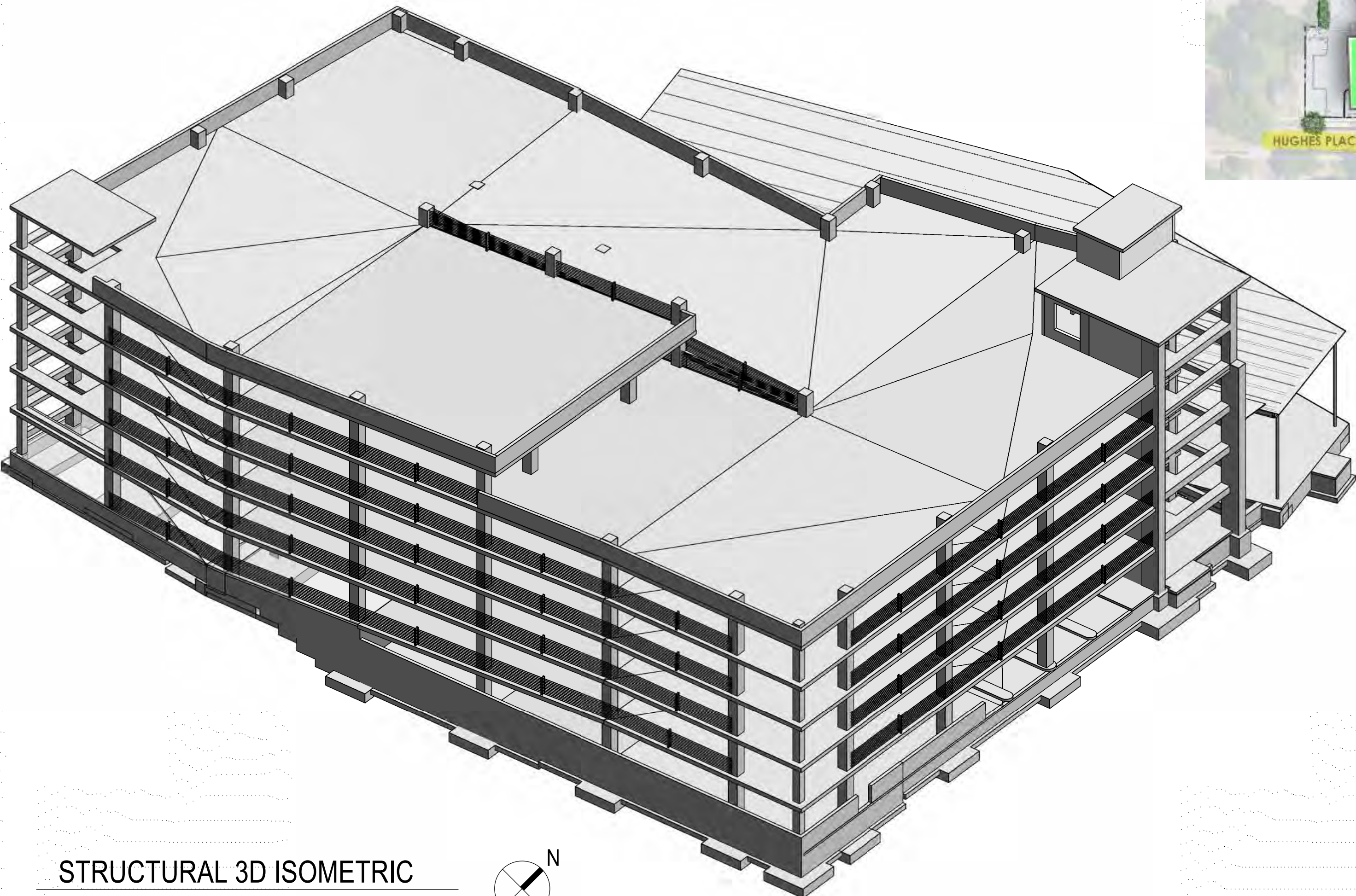
*BID DOCUMENTS 07-28-2023*



ATTACHMENT NO. 2  
156-pages



# SHEET INDEX



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	ALTA/ACSM LAND TITLE SURVEY

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PUBLIC IMPROVEMENT PROJECT APPROVED:

RES:

FILE ID:

DATE: \_\_\_\_\_

BY THE COMMON COUNCIL OF MADISON, WI

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

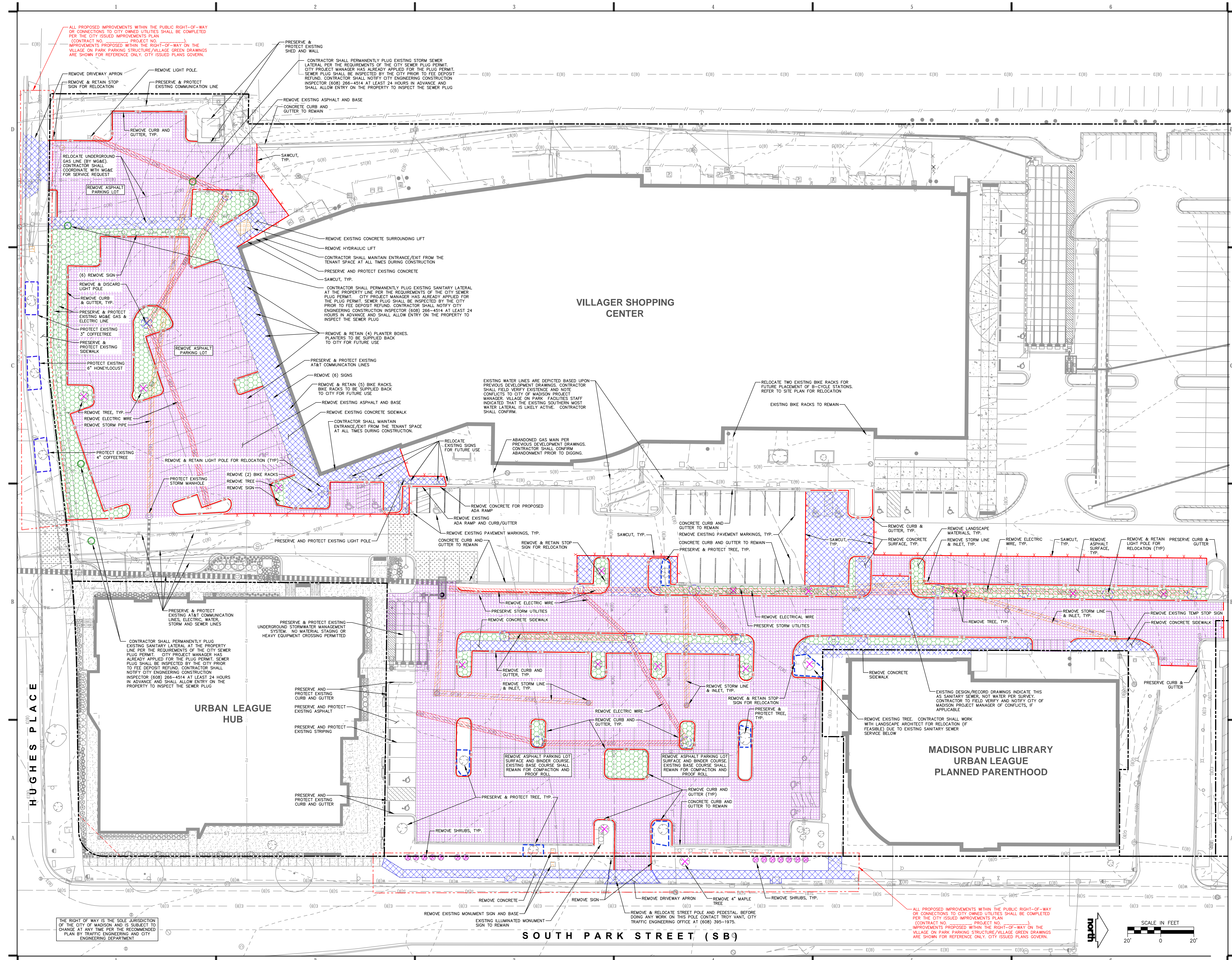
CITY ENGINEER

DATE \_\_\_\_\_





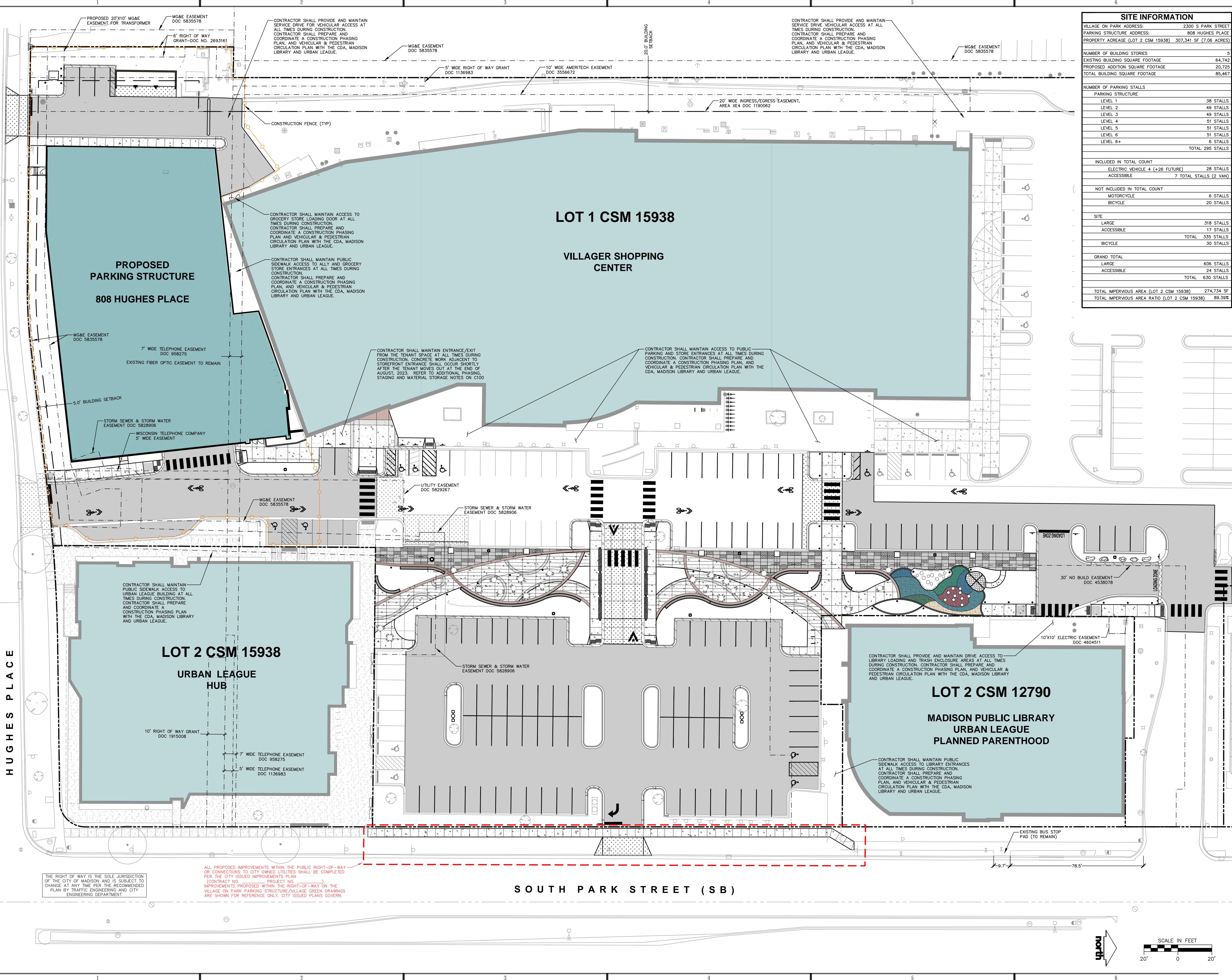




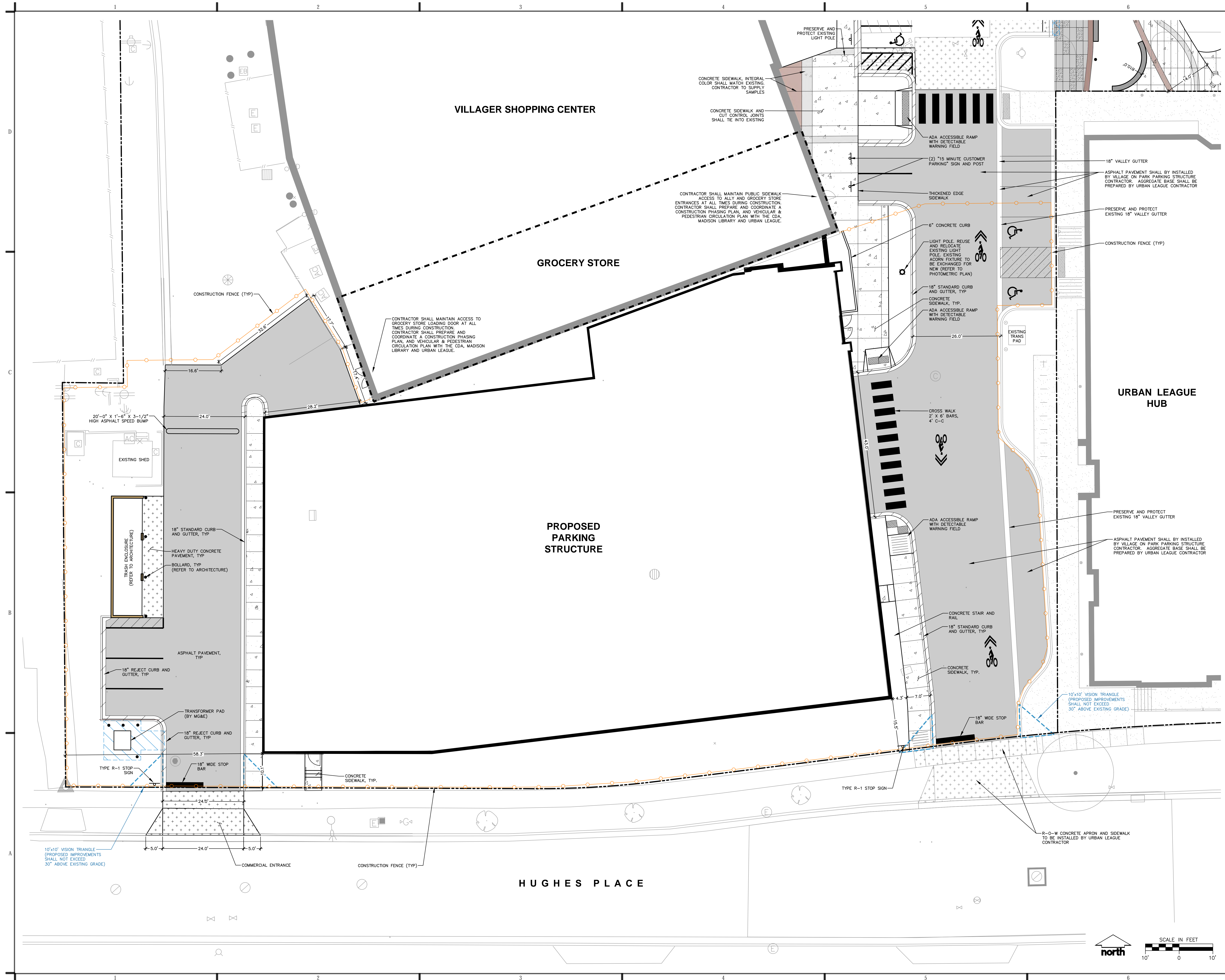




SITE INFORMATION	
VILLAGE ON PARK ADDRESS:	2300 S PARK STREET
PARKING STRUCTURE ADDRESS:	808 HUGHES PLACE
PROPERTY ACREAGE (LOT 2 CSM 15938)	307,341 SF (7.06 ACRES)
NUMBER OF BUILDING STORIES	5
EXISTING BUILDING SQUARE FOOTAGE	64,742
PROPOSED ADDITION SQUARE FOOTAGE	20,725
TOTAL BUILDING SQUARE FOOTAGE	85,467
NUMBER OF PARKING STALLS	
PARKING STRUCTURE	
LEVEL 1	38 STALLS
LEVEL 2	49 STALLS
LEVEL 3	49 STALLS
LEVEL 4	51 STALLS
LEVEL 5	51 STALLS
LEVEL 6	51 STALLS
LEVEL 6+	6 STALLS
TOTAL 295 STALLS	
INCLUDED IN TOTAL COUNT	
ELECTRIC VEHICLE 4 (+26 FUTURE)	28 STALLS
ACCESSIBLE	7 TOTAL STALLS (2 VAN)
NOT INCLUDED IN TOTAL COUNT	
MOTORCYCLE	6 STALLS
BICYCLE	20 STALLS
SITE	
LARGE	318 STALLS
ACCESSIBLE	17 STALLS
TOTAL	335 STALLS
BICYCLE	30 STALLS
GRAND TOTAL	
LARGE	606 STALLS
ACCESSIBLE	24 STALLS
TOTAL	630 STALLS
TOTAL IMPERVIOUS AREA (LOT 2 CSM 15938)	274,734 SF
TOTAL IMPERVIOUS AREA RATIO (LOT 2 CSM 15938)	89.39%



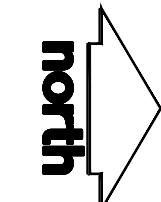
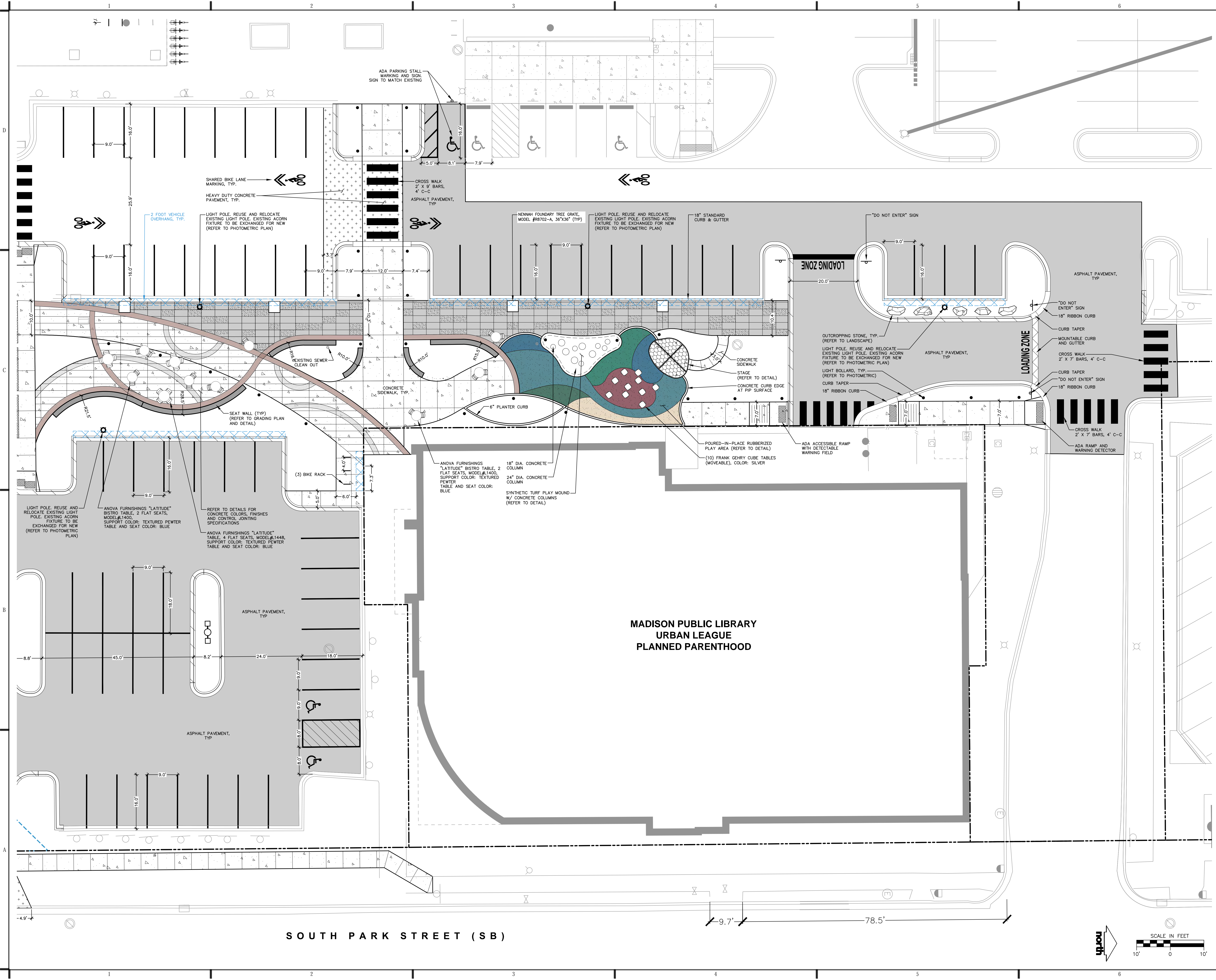




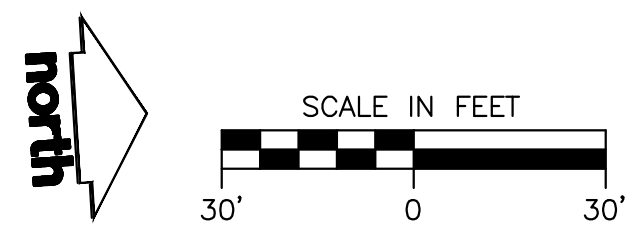
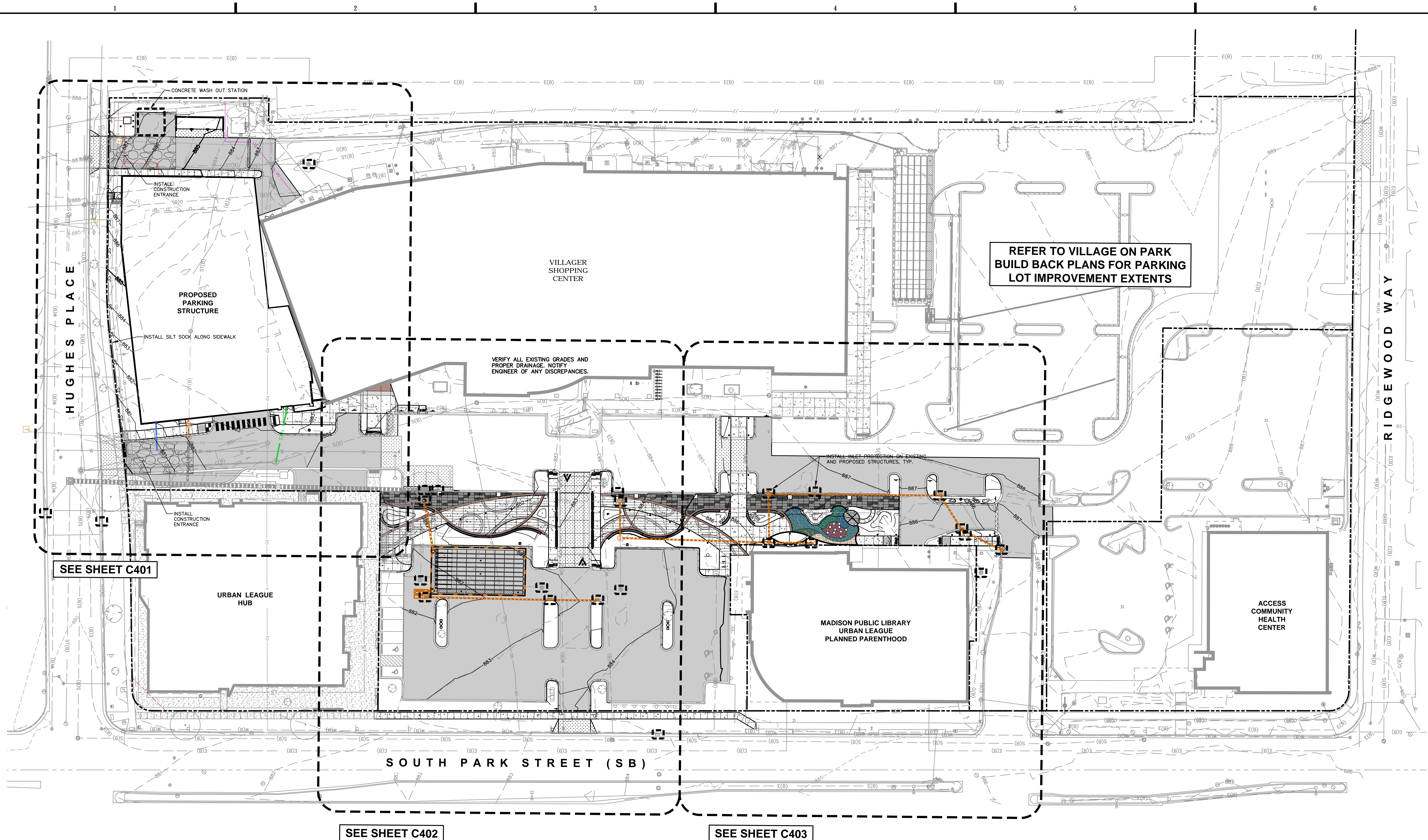




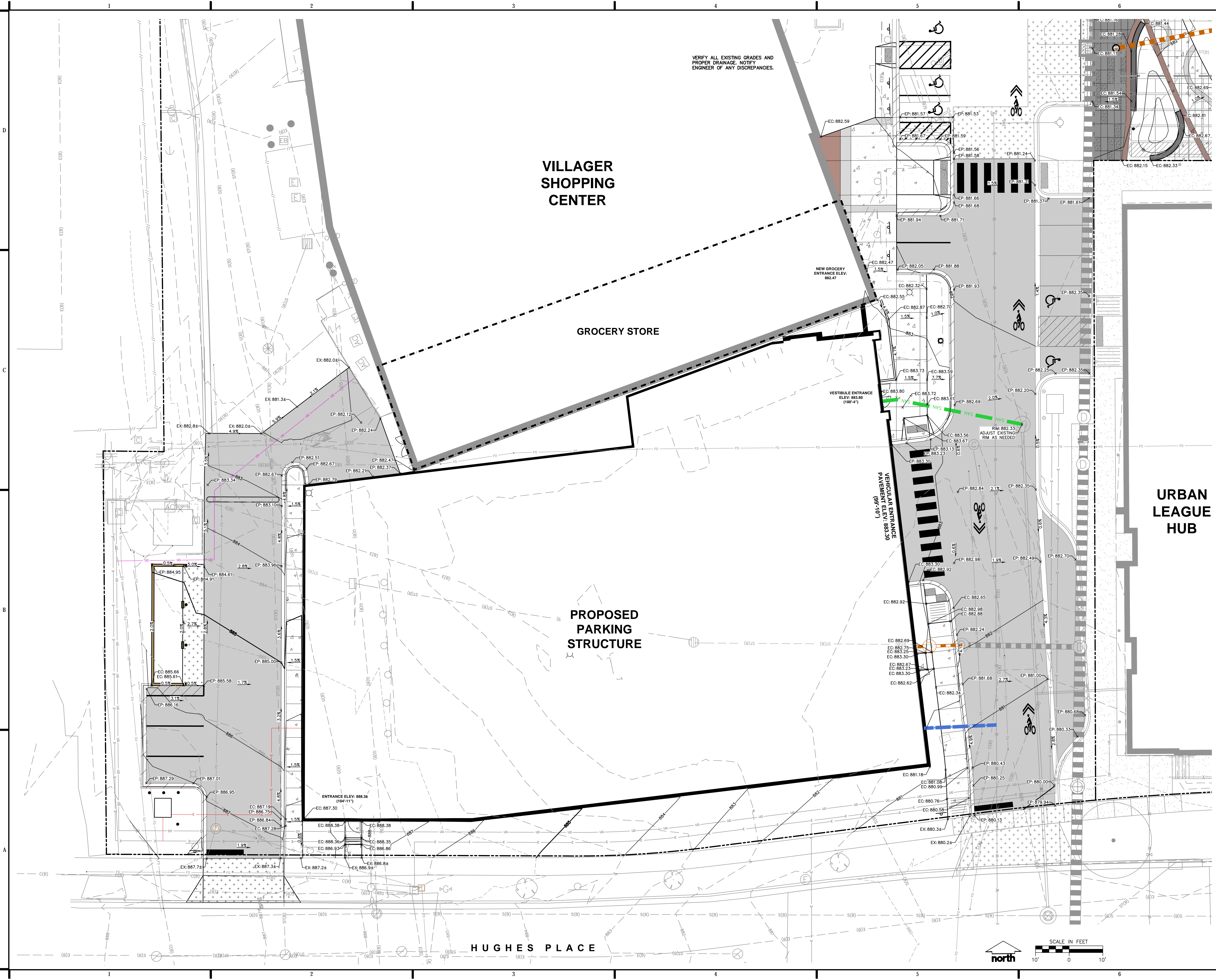












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PROJECT TITLE:

VILLAGE ON PARK PARKING  
STRUCTURE AND SITE  
IMPROVEMENTS

808 HUGHES PLACE  
MADISON, WI 53713

ISSUE:

07/28/2023 BID DOCUMENTS

PROJECT INFORMATION:

PROJECT NUMBER: 20225013.00

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DRAWN BY: MSS

CHECKED BY: MAH

APPROVED BY: AS NOTED

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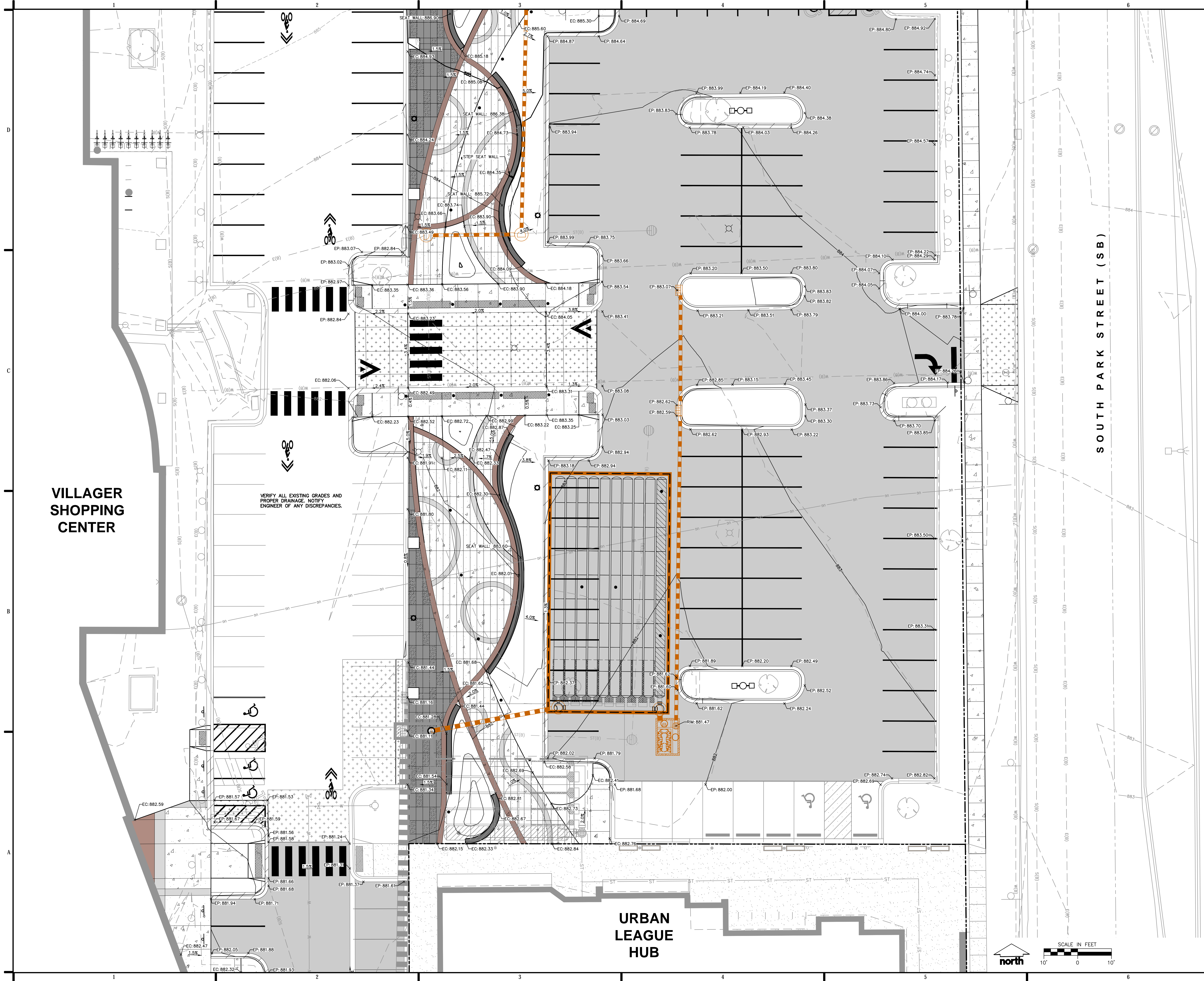
GRADING PLAN -  
PARKING STRUCTURE

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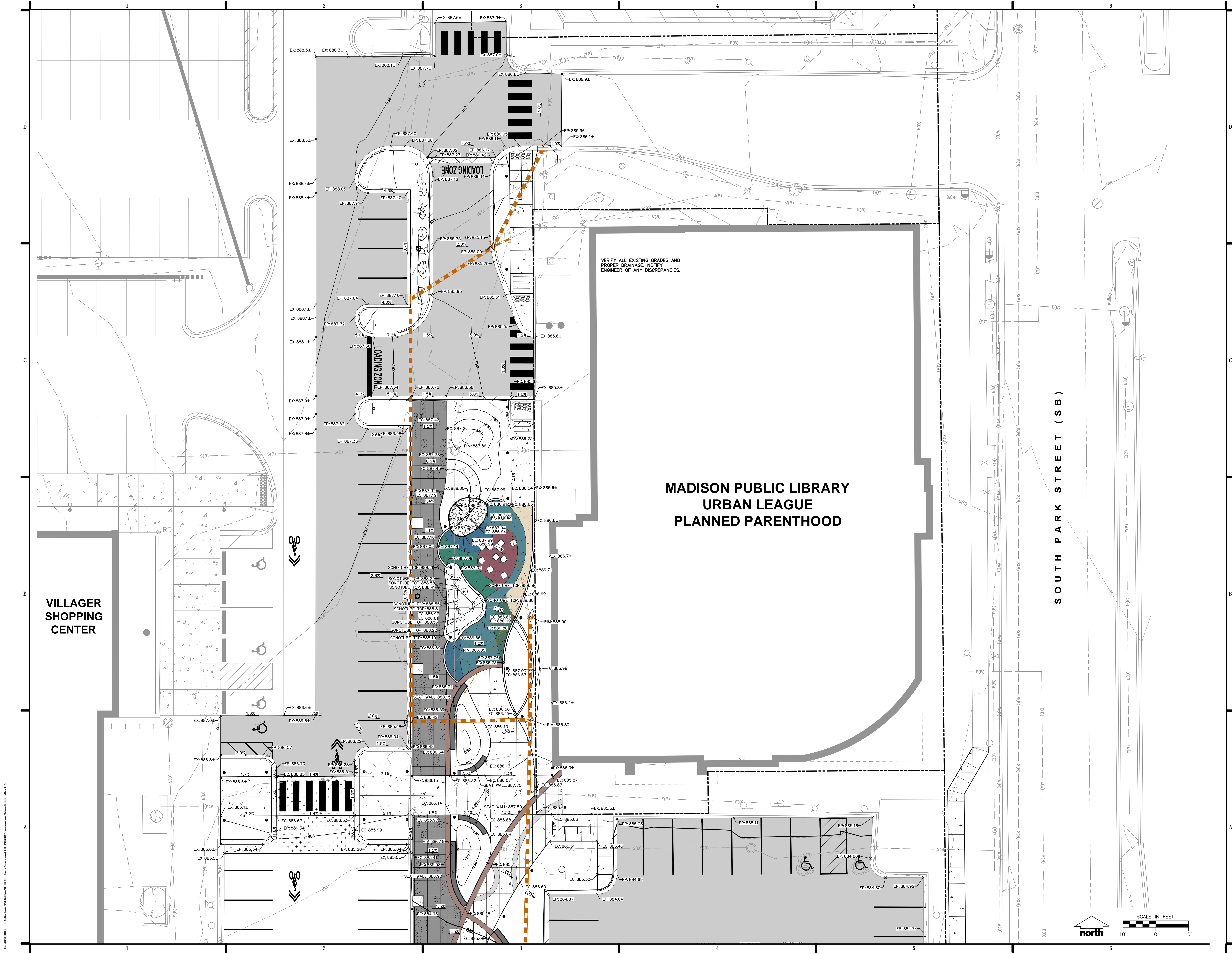
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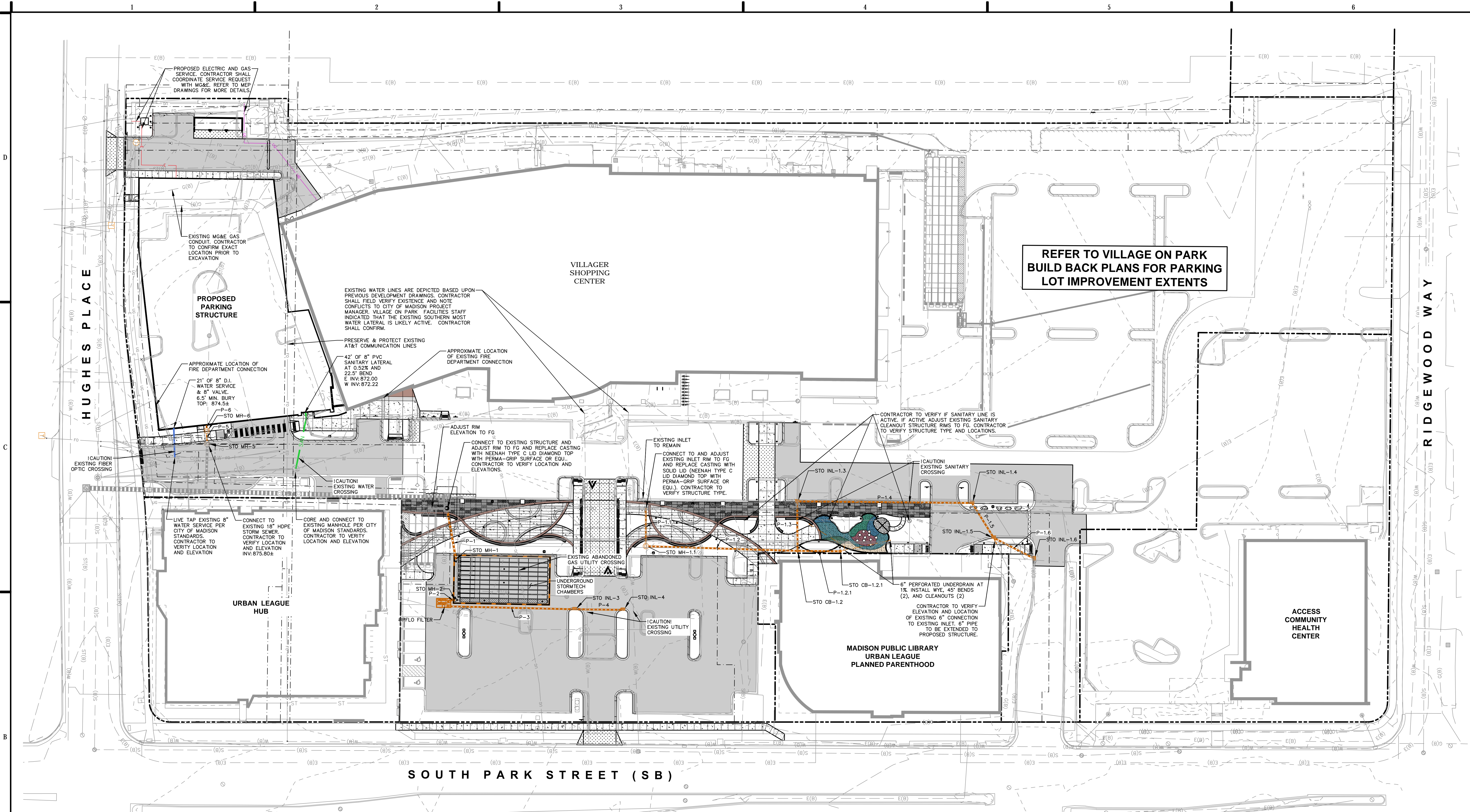












SEE NOTE # TO THE RIGHT

PROPOSED STORM SEWER STRUCTURE TABLE					
LABEL	RIM EL. (FT)	INVERT EL. (FT)	DEPTH (FT)	STRUCTURE DESC.	FRAME & GRATE
STO CB-1.2	885.80	W INV: 880.42 (12") S INV: 880.32 (12") N INV: 882.37 (12")	5.5	30 IN DB	DOMES
STO CB-1.2.1	885.90	S INV: 883.00 (12") N INV: 884.00 (6")	2.9	18 IN DB	DOMES
STO INL-1.3	886.01	N INV: 880.88 (12") E INV: 880.78 (12")	5.2	2 x 3 INLET	R-3067 TYPE R
STO INL-1.4	887.11	S INV: 881.85 (12") NE INV: 881.95 (12")	5.3	2 x 3 INLET	R-3067 TYPE R
STO INL-1.5	884.94	SW INV: 882.15 (12") NE INV: 882.25 (6") NE INV: 882.15 (12")	2.8	2 x 3 INLET	R-3067 TYPE R
STO INL-1.6	885.95	SW INV: 882.80 (12")	3.1	2 x 3 INLET	R-3067 TYPE R
STO INL-3	882.53	S INV: 879.40 (12") N INV: 879.50 (12")	3.1	2 x 3 INLET	R-3067 TYPE R
STO INL-4	883.01	S INV: 880.03 (12")	3.0	2 x 3 INLET	R-3067 TYPE R
STO MH-1	881.68	W INV: 877.00 (15") N INV: 876.83 (12") E INV: 876.83 (12")	4.8	48 IN MH (FLAT)	R-1550 SOLID LID
STO MH-1.1	884.84	W INV: 879.10 (12") N INV: 879.20 (12")	8.7	48 IN MH (FLAT)	R-1550 SOLID LID
STO MH-2	881.62	N INV: 876.83 (12") W INV: 876.83 (12") S INV: 876.83 (15")	6.8	48 IN MH (FLAT)	R-1550 SOLID LID
STO MH-5	882.07	EX E INV: 875.80 (18") W INV: 878.29 (10")	9.3	48 IN MH (FLAT)	R-1550 SOLID LID
STO MH-6	882.67	E INV: 878.60 (10") W INV: 878.70 (10")	8.1	60 IN MH (FLAT)	R-1550 SOLID LID
UPFLO FILTER	881.47	-	-	-	-

PROPOSED STORM SEWER PIPE TABLE						
LABEL	FROM	TO	LENGTH	INVERT EL. (FT)	DISCHARGE EL. (FT)	SLOPE SIZE & MATERIAL
EX PIPE	STO CB-EX	STO INL-1.5	35'	882.96	882.25	2.00% 6 IN HOPE
P-1	STO MH-1	EX STRUCTURE	38'	877.00	876.75	0.65% 15 IN HOPE
P-1.1	STO MH-1.1	STO-58	28'	879.10	878.82	1.00% 12 IN HOPE
P-1.2	STO CB-1.2	STO MH-1.1	112'	880.32	879.20	1.00% 12 IN HOPE
P-1.2.1	STO CB-1.2.1	STO CB-1.2	31'	883.00	882.37	2.00% 12 IN HOPE
P-1.3	STO CB-1.2	STO INL-1.3	36'	880.42	880.78	1.00% 12 IN HOPE
P-1.4	STO INL-1.4	STO INL-1.3	129'	881.85	880.88	0.75% 12 IN HOPE
P-1.5	STO INL-1.5	STO INL-1.4	30'	882.15	881.95	0.65% 12 IN HOPE
P-1.6	STO INL-1.6	STO INL-1.5	33'	882.80	882.15	1.96% 12 IN HOPE
P-2	UPFLO OUT	STO MH-2	4'	877.00	876.93	1.85% 15 IN HOPE
P-3	STO INL-3	UPFLO FILTER	93'	879.40	878.30	1.18% 12 IN HOPE
P-4	STO INL-4	STO INL-3	36'	880.03	879.50	1.50% 12 IN HOPE
P-5	STO MH-6	STO MH-5	10'	878.60	878.29	3.20% 10 IN HOPE
P-6	PARKING STRUCTURE ROOF	STO MH-6	4'	878.80	878.70	2.50% 10 IN HOPE

NOTE:

ALL OPEN GRATE STRUCTURES TO RECEIVE FLEXSTORM CATCH IT INLET FILTERS DURING CONSTRUCTION

#1 - INSTALL FLEXSTORM PURE INLET BASKET WITH OIL AND GREASE POUCH

#2 - 48" MANHOLE WITH 3' SUMP

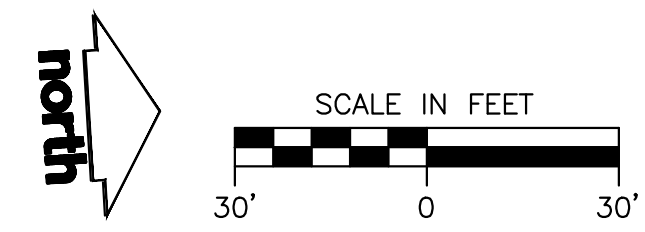
#3 - 48" MANHOLE WITH 3' SUMP AND 6-MODULE UPFLO FILTER BY HYDRO INTERNATIONAL. MANHOLE RIM TO BE POSITIONED OUT OF CURB LINE

#4 - 5' STORM MANHOLE WITH 4' SUMP, OIL AND GREASE BAFFLE (SNOUT BY BMP INC. MODEL 18R OR EQUI.), AND ONE (1) BIG-SKIRT BY BMP INC. OR EQUI. MANHOLE RIM TO BE POSITIONED OUTSIDE OF SIDEWALK

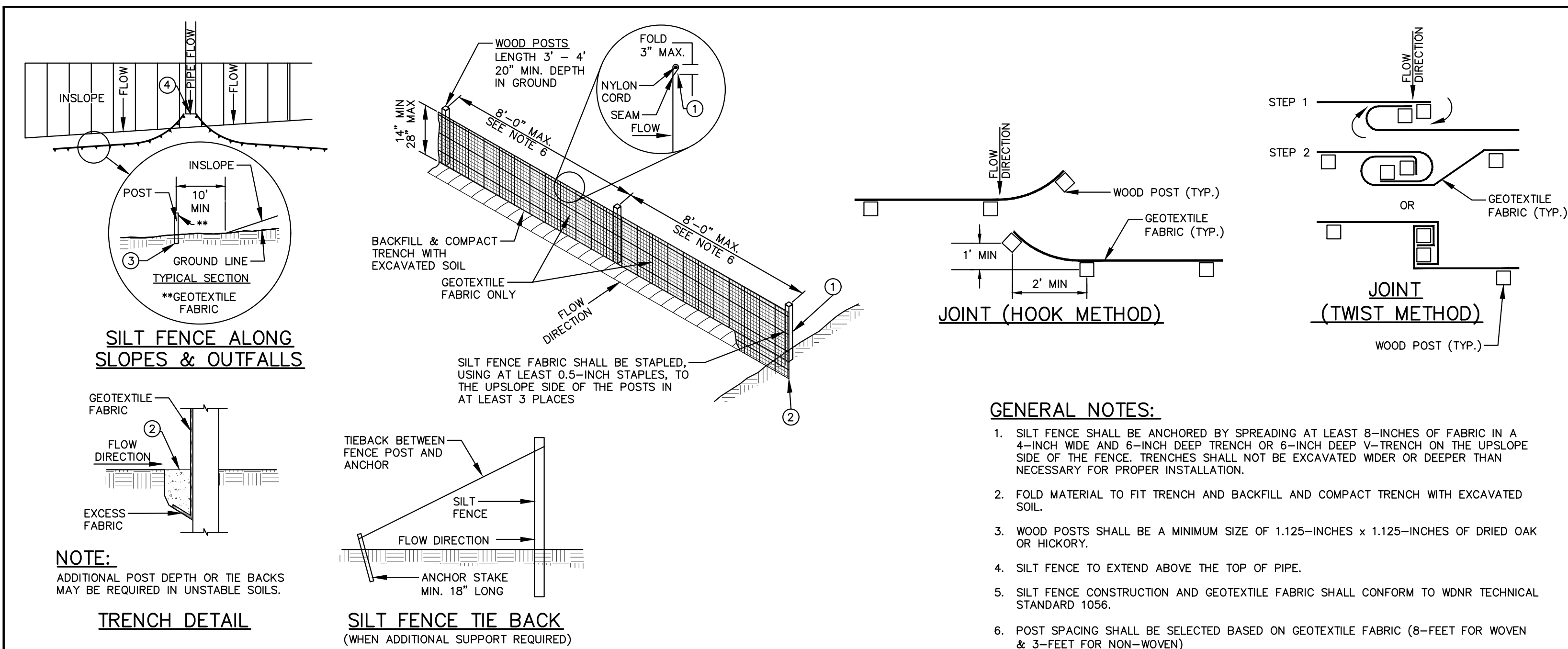
#5 - 12-MODULE UPFLO FILTER VAULT. OPEN GRATE TO RECEIVE FLEXSTORM PURE INLET BASKET WITH OIL AND GREASE POUCH

#6 - WEIR PLATE WITH 10" ORIFICE AT 877.00 AND TOP OF WEIR AT 878.25

#7 - 2' SUMP AND WEIR PLATE WITH TOP AT 877.00

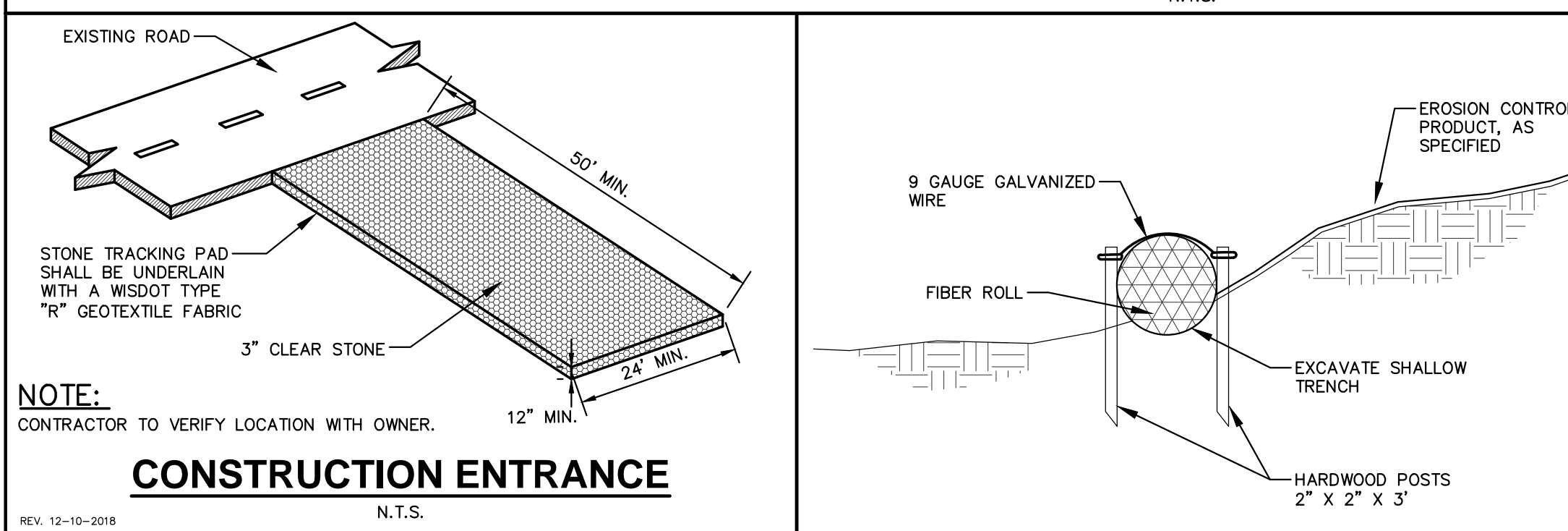






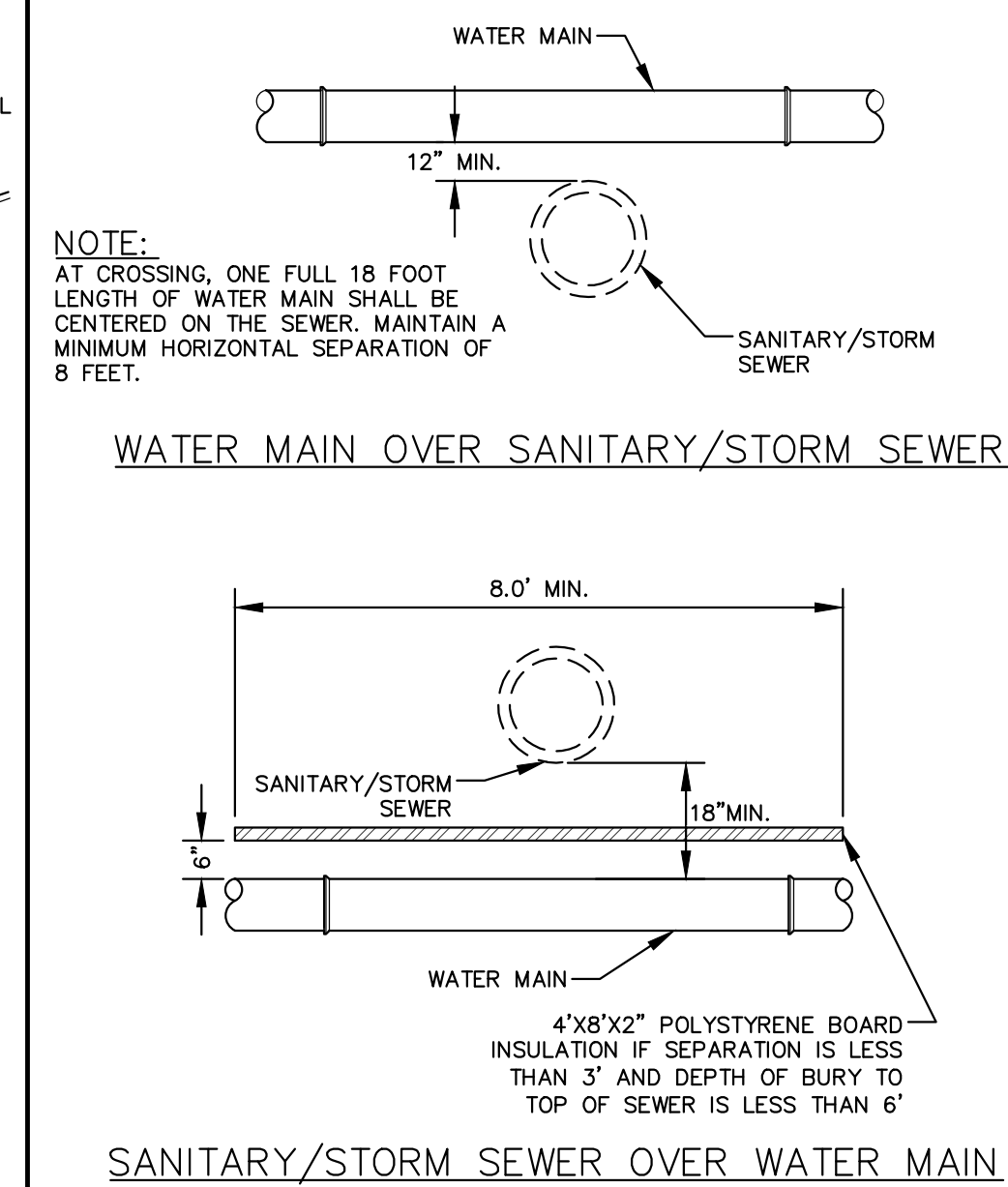
### SILT FENCE

N.T.S.



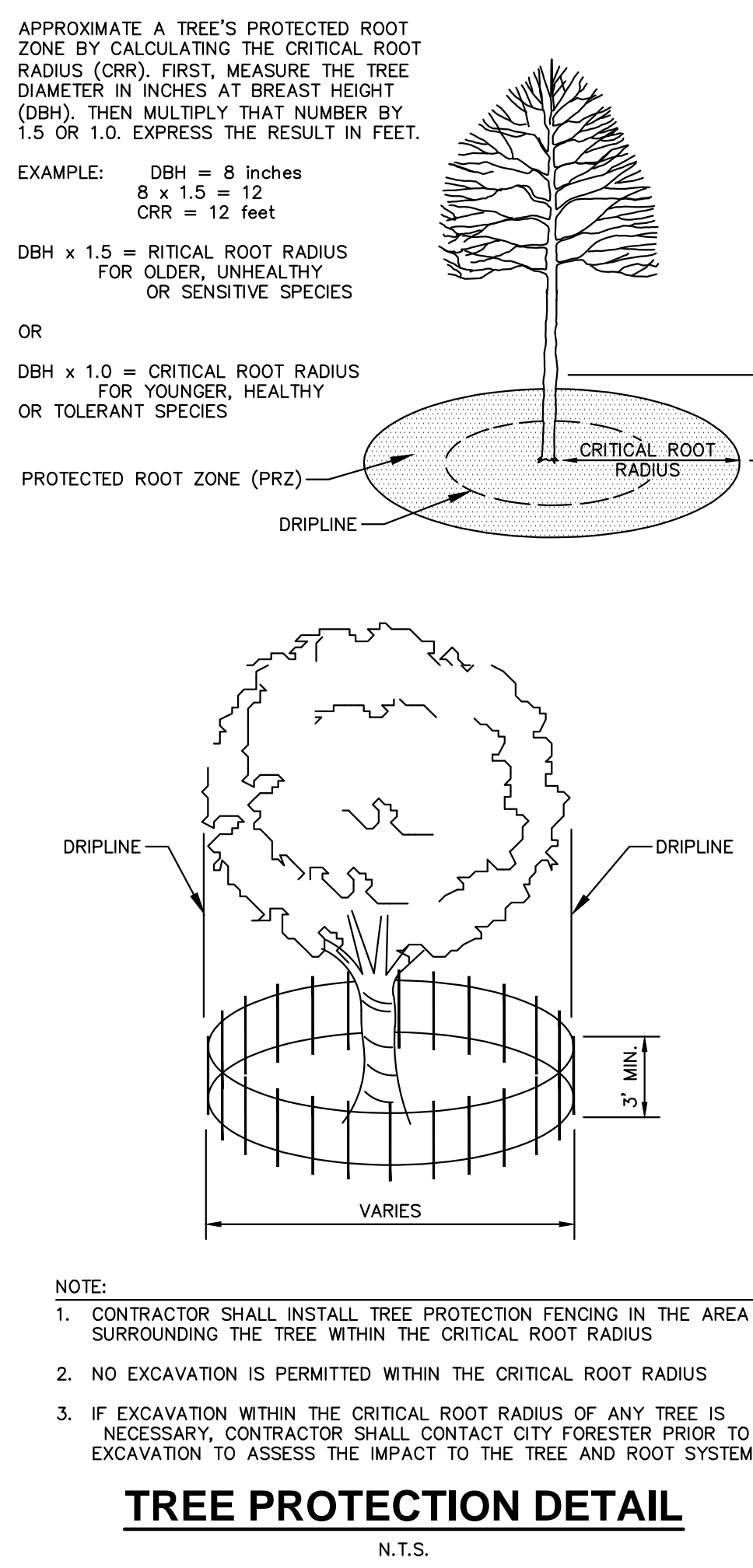
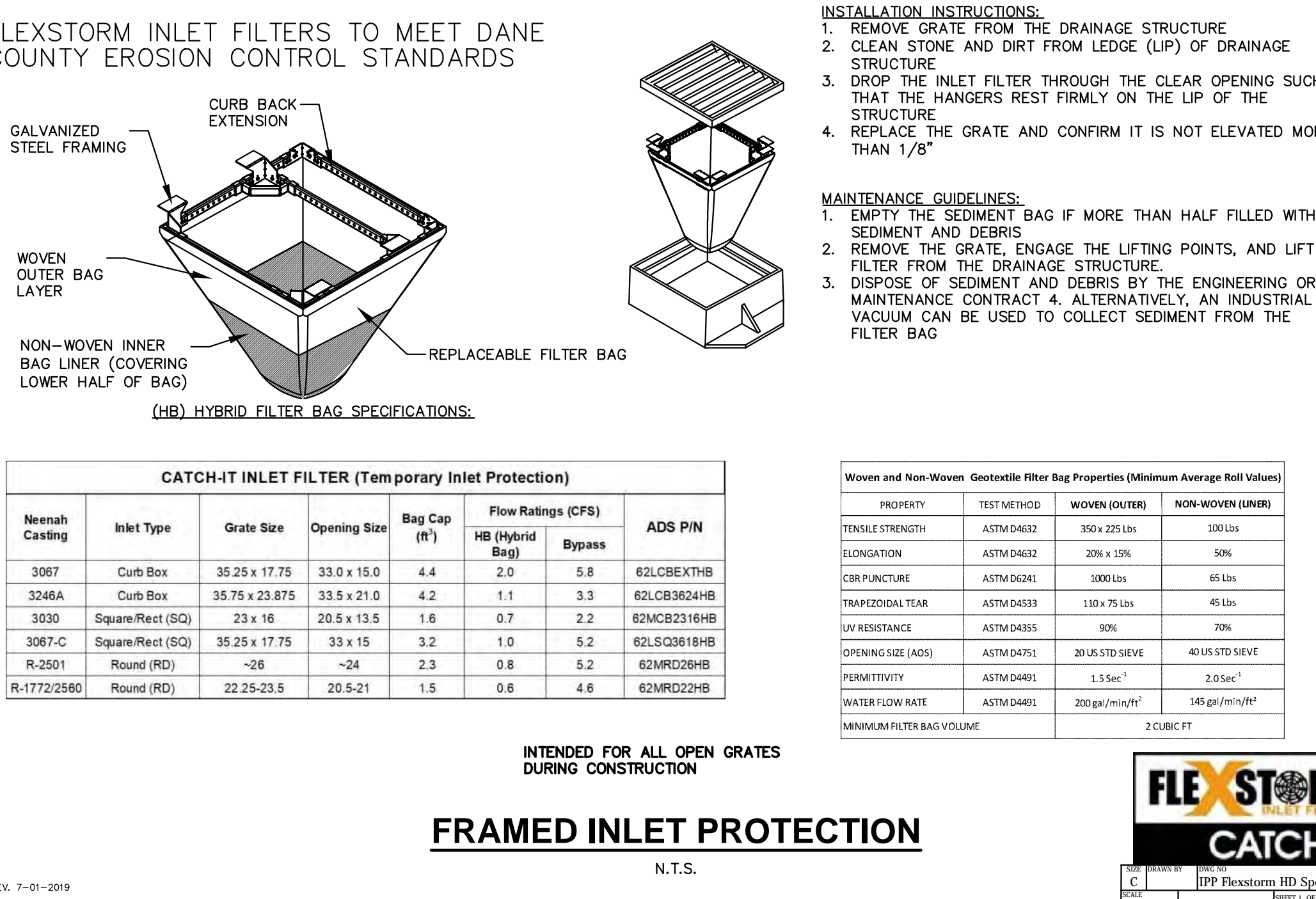
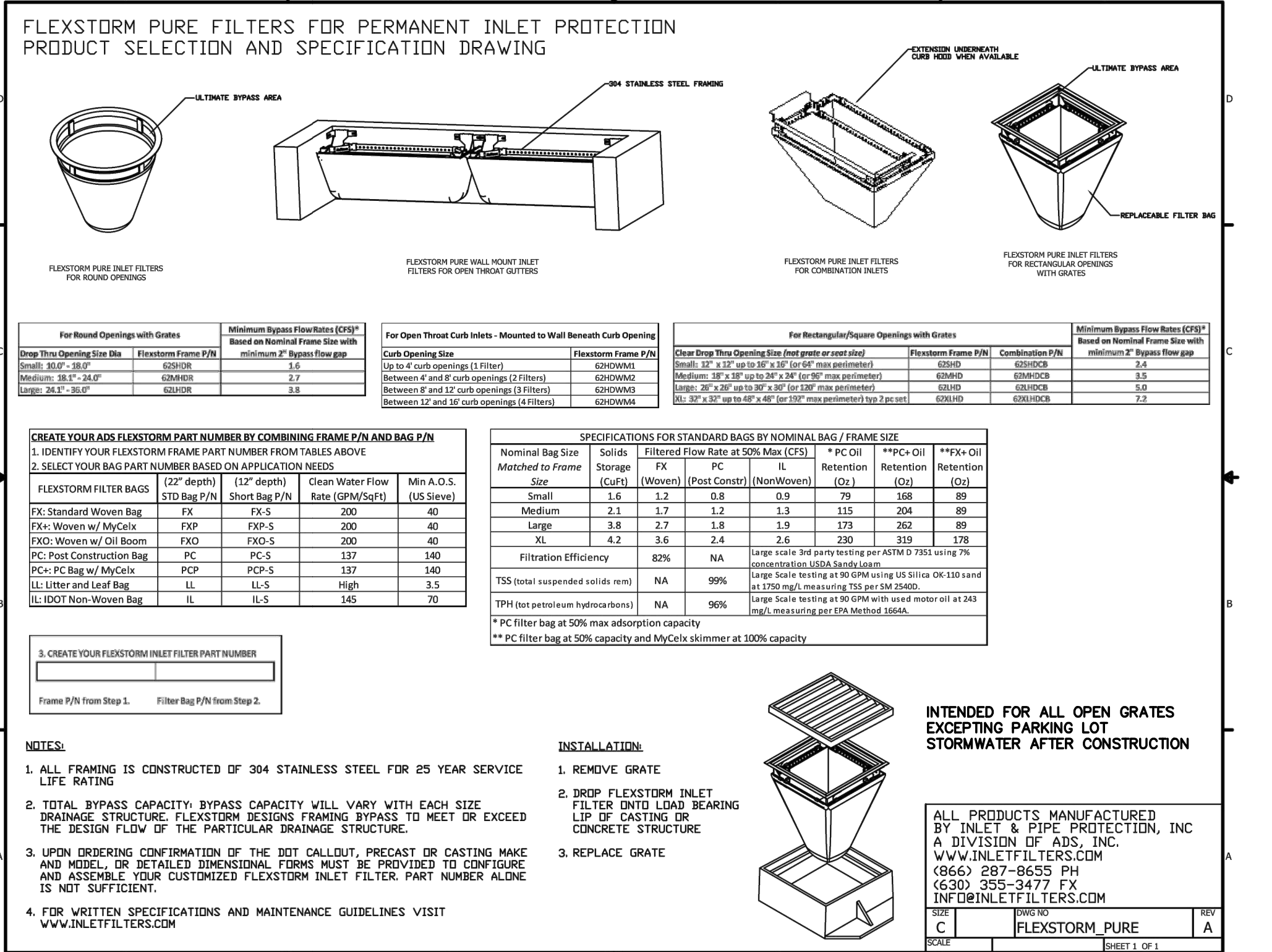
### FIBER SILT SOCK

N.T.S.



### SEWER - WATER MAIN SEPARATION

N.T.S.



### TREE PROTECTION DETAIL

N.T.S.

**GRaEF**

1010 East Wisconsin Avenue,  
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CONSULTANTS:

**JSD**

CLIENT:

Community Development Authority of the  
City of Madison



Madison Municipal Building  
215 Martin Luther King Jr Blvd  
Suite 161  
Madison, WI 53703

PROJECT TITLE:

VILLAGE ON PARK PARKING  
STRUCTURE AND SITE  
IMPROVEMENTS

808 HUGHES PLACE  
MADISON, WI 53713

ISSUE:

07/28/2023 BID DOCUMENTS

PROJECT INFORMATION:

PROJECT NUMBER: 20225013.00

DATE: 07/28/2023

DRAWN BY: MWS

CHECKED BY: KJY

APPROVED BY: KJY

AS NOTED

SHEET TITLE:

DETAILS

SHEET NUMBER:

**C600**





1. REFER TO PAYMENT RECOMMENDATIONS IN THE GEO TECHNICAL INVESTIGATION REPORT, PREPARED BY CGG, INC. TITLED "PRELIMINARY GEO TECHNICAL EXPLORATION REPORT" REPORT NUMBER C21912 DATED MAY 28, 2021. IF THERE ARE ANY DISCREPANCIES BETWEEN THIS DETAIL AND THE PAVEMENT RECOMMENDATIONS PROVIDED IN THE GEO TECHNICAL INVESTIGATION REPORT, THE GEO TECHNICAL REPORT SHALL GOVERN.
2. WSDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, INCLUDING SUPPLEMENTAL SPECIFICATIONS, COMPACTOR REQUIREMENTS:
  - BITUMINOUS CONCRETE: REFER TO SECTION 460-3.
  - BASE COURSE: REFER TO SECTION 301.3.4.2, STANDARD COMPACTION.



COPING SHALL BE ADHERED PER MANUFACTURER'S INSTRUCTIONS  
 WALL SHALL BE SET IN MINIMUM 1" OF MORTAR

COPING TO OVERHANG WALL BLOCK EQUALLY ON ALL SIDES  
 JOINTS TO ABUT TIGHTLY  
 12"

HALOUSTI STONE 2-3/4" CUT STONE OR CHISELED EDGE (OR EQUIV)  
 COLOR: INDIANA GREY, WHISKEY CAPS  
 ABUT, PN CAPS TOGETHER WITH EPOXY SET ON 1/2" THICK MORTAR BED WITH PINS. CORE AND SET PINS IN CAP WITH 1" OF PIN INTO CAP.  
 1-1/2" CAP OVERHANG FROM FACE OF VENEER

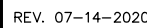
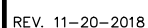
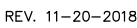
UNLOCK OLD QUARRY SMOOTH  
 PRESTRESSING SEAT WALL UNITS ADHERE PER MANUFACTURERS RECOMMENDATION  
 COLOR: FIELDSTONE (OR APPROVED EQUAL)

CONCRETE PAVEMENT (SEE DETAIL)  
 BURY (1) COURSE OF BLOCK MINIMUM  
 EXPANSION JOINT FIBER  
 98% S.P. COMPACTION  
 COMPACTED SUBGRADE

SLOPE 2%  
 PLANTING BED  
 3/4" ANGULAR CLEAR STONE  
 98% S.P. COMPACTION, MIN 8" DEPTH, WRAPPED IN GEOTEXTILE FABRIC

## FREESTANDING SEAT WALL

N.T.S



**NOTES:**

1. INSTALL BIKE RACKS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. POWDER COATED FINISH: COLOR: MIDNIGHT BLUE
3. SEE SITE PLAN FOR LOCATION.



—CONTROL JOINT (SEE SITE PLAN)  
—CONCRETE PAVEMENT



- CONCRETE TO BE 3,000 PSI MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS. MINIMUM CEMENT CONTENT SHALL BE 564 LBS, EXCEPT FOR CONCRETE MIXES WITH FLY ASH. CONCRETE SHALL BE AIR ENTRAINED 7% (+/- 1.5%). SLUMP TO BE NOT LESS THAN 2" OR MORE THAN 4"

# C601











