

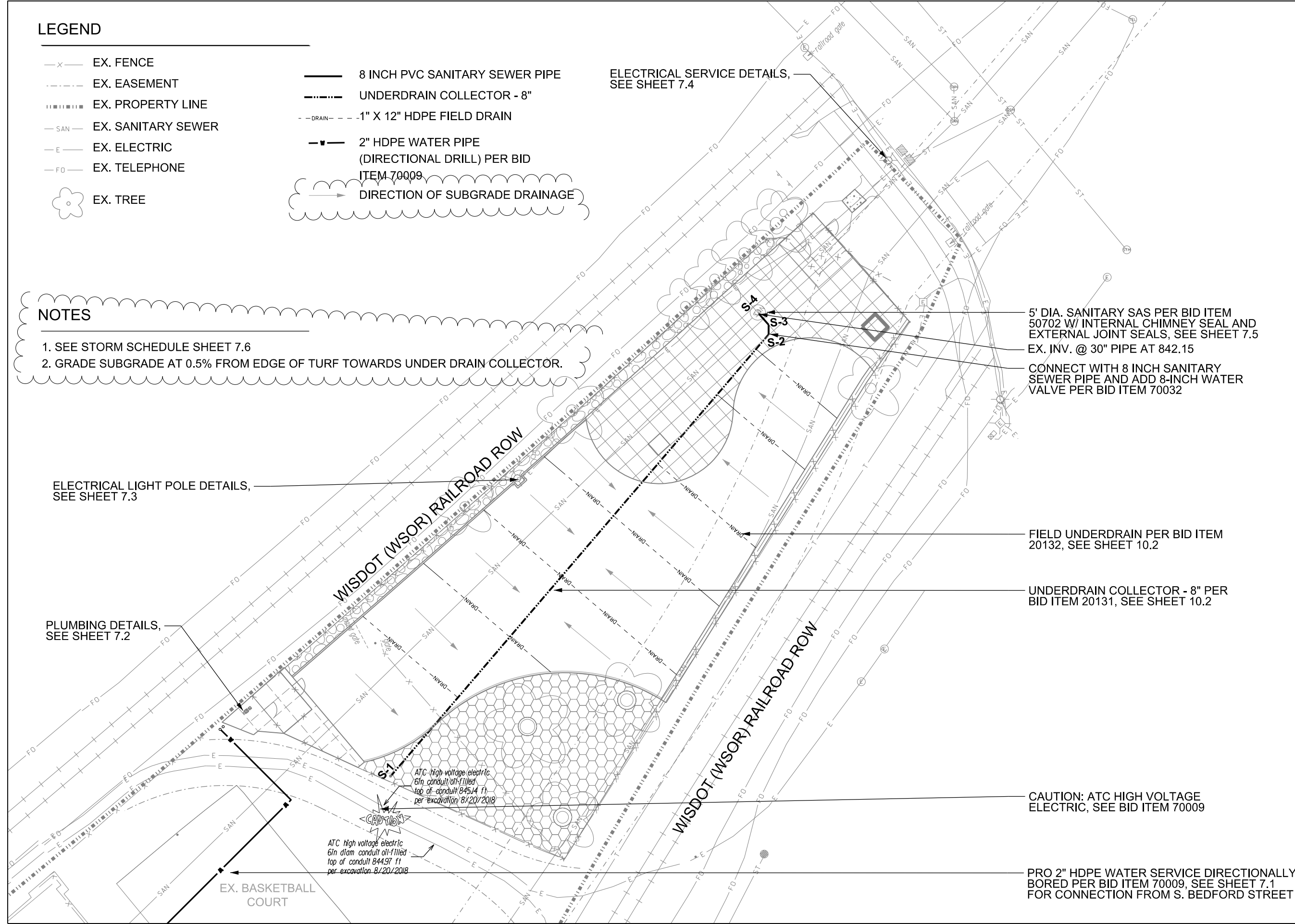
LEGEND

- x— EX. FENCE
- EX. EASEMENT
- ||||| EX. PROPERTY LINE
- SAN— EX. SANITARY SEWER
- E— EX. ELECTRIC
- FO— EX. TELEPHONE
- 🌳 EX. TREE
- 8 INCH PVC SANITARY SEWER PIPE
- 8" UNDERDRAIN COLLECTOR - 8"
- - - - - 1" X 12" HDPE FIELD DRAIN
- 2" HDPE WATER PIPE (DIRECTIONAL DRILL) PER BID ITEM 70009
- DIRECTION OF SUBGRADE DRAINAGE

ELECTRICAL SERVICE DETAILS, SEE SHEET 7.4

NOTES

1. SEE STORM SCHEDULE SHEET 7.6
2. GRADE SUBGRADE AT 0.5% FROM EDGE OF TURF TOWARDS UNDER DRAIN COLLECTOR.



ELECTRICAL LIGHT POLE DETAILS, SEE SHEET 7.3

PLUMBING DETAILS, SEE SHEET 7.2

5' DIA. SANITARY SAS PER BID ITEM 50702 W/ INTERNAL CHIMNEY SEAL AND EXTERNAL JOINT SEALS, SEE SHEET 7.5
 EX. INV. @ 30" PIPE AT 842.15
 CONNECT WITH 8 INCH SANITARY SEWER PIPE AND ADD 8-INCH WATER VALVE PER BID ITEM 70032

FIELD UNDERDRAIN PER BID ITEM 20132, SEE SHEET 10.2

UNDERDRAIN COLLECTOR - 8" PER BID ITEM 20131, SEE SHEET 10.2

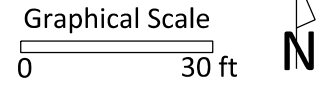
CAUTION: ATC HIGH VOLTAGE ELECTRIC, SEE BID ITEM 70009

PRO 2" HDPE WATER SERVICE DIRECTIONALLY BORED PER BID ITEM 70009, SEE SHEET 7.1 FOR CONNECTION FROM S. BEDFORD STREET

City of Madison
 Department of Public Works
PARKS DIVISION

City-County Building, Suite 104
 210 Martin Luther King, Jr. Blvd.
 Madison, WI 53703

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PROJECT:
BRITTINGHAM
DOG PARK
IMPROVEMENTS

BRITTINGHAM PARK
 388 S BASSETT ST
 MADISON, WI 53703

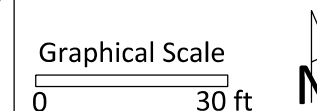
Although every effort has been made in preparing these plans and checking them for accuracy, the contractor and subcontractors must check all details and dimensions of their trade and be responsible for the same.

ITEM	DATE
Drawn by: SCL	ADVERTISED TO BID: 10-4-2018
Addendum 3 by: SCL	10-26-2018

PUBLIC WORKS PROJECT #:
8267

SHEET TITLE:
UTILITY PLAN -
DOG PARK

SHEET NUMBER:
7.0



PROJECT:
*BRITTINGHAM
 DOG PARK
 IMPROVEMENTS*

*BRITTINGHAM PARK
 388 S BASSETT ST
 MADISON, WI 53703*

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ITEM _____ DATE _____
 Drawn by: SCL ADVERTISED TO BID: 10-4-2018
 Addendum 3 by: SCL 10-23-2018

PUBLIC WORKS PROJECT #:
8267

SHEET TITLE:
STORM SCHEDULE

SHEET NUMBER:
7.6

BRITTINGHAM DOG PARK SEWER SCHEDULE

LENGTHS, SLOPES, AND TYPE							
From (upstream)	To (downstream)	Length (ft)	Slope (%)	Invert		Pipe Size	Type
				upstream	(downstream)		
S-1	S-2	188.9	1.74%	847.92	844.64	8"	perforated pvc
S-2	S-3	3.18	1.80%	844.64	844.58	8"	pvc sanitary
S-3	S-4	4.5	4.73%	844.58	844.37	8"	pvc sanitary

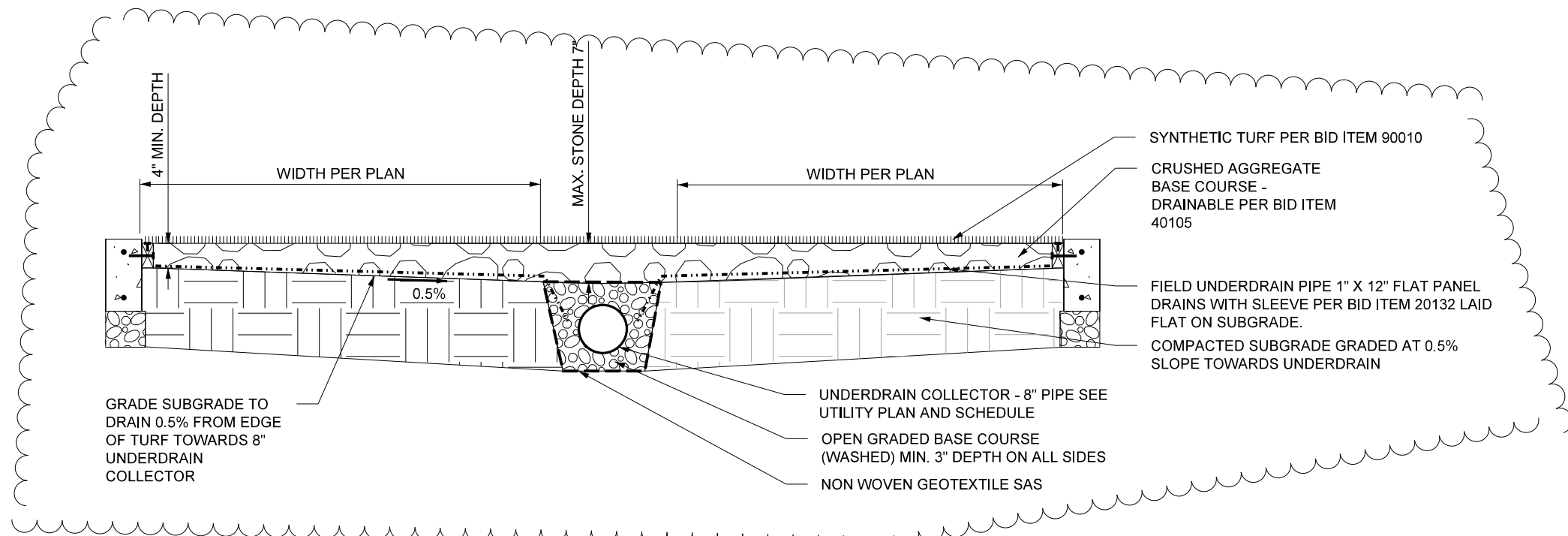
STRUCTURES					
Structure No.	Type	Top of Casting	Elevation Invert	Depth	Notes
S-1	CLEANOUT	849.08	847.92	1.16	
S-2	WATER VALVE	850.485	844.64	5.85	PER BID ITEM 70032
S-3	ELBOW	850.485	844.58	5.90	
S-4	5' DIA. SAS	850.47	844.37	6.10	EX. INV. @ 30" PIPE IS 842.15

NOTES

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED.

NOTES

1. SEE BID ITEM 20131 UNDERDRAIN - 8" COLLECTOR FOR SPECIFICATIONS ON OPEN GRADED BASE COURSE AND GEOTEXTILE.
2. NOT TO SCALE, VERTICAL CHANGE EXAGGERATED.
3. MINIMUM DEPTH OF CRUSHED AGGREGATE BASE COURSE - DRAINABLE IS 4".
4. MAXIMUM DEPTH OF CRUSHED AGGREGATE BASE COURSE - DRAINABLE IS 7".



1 DRAINAGE DETAIL
NOT TO SCALE

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PROJECT:

*BRITTINGHAM
DOG PARK
IMPROVEMENTS*

*BRITTINGHAM PARK
388 S BASSETT ST
MADISON, WI 53703*

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ITEM	DATE
Drawn by: SCL	ADVERTISED TO BID: 10-4-2018
Approved by:	xx-xx-xxxx

PUBLIC WORKS PROJECT #:
8267

SHEET TITLE:
*DETAILS -
UNDERDRAIN*

SHEET NUMBER:
10.2