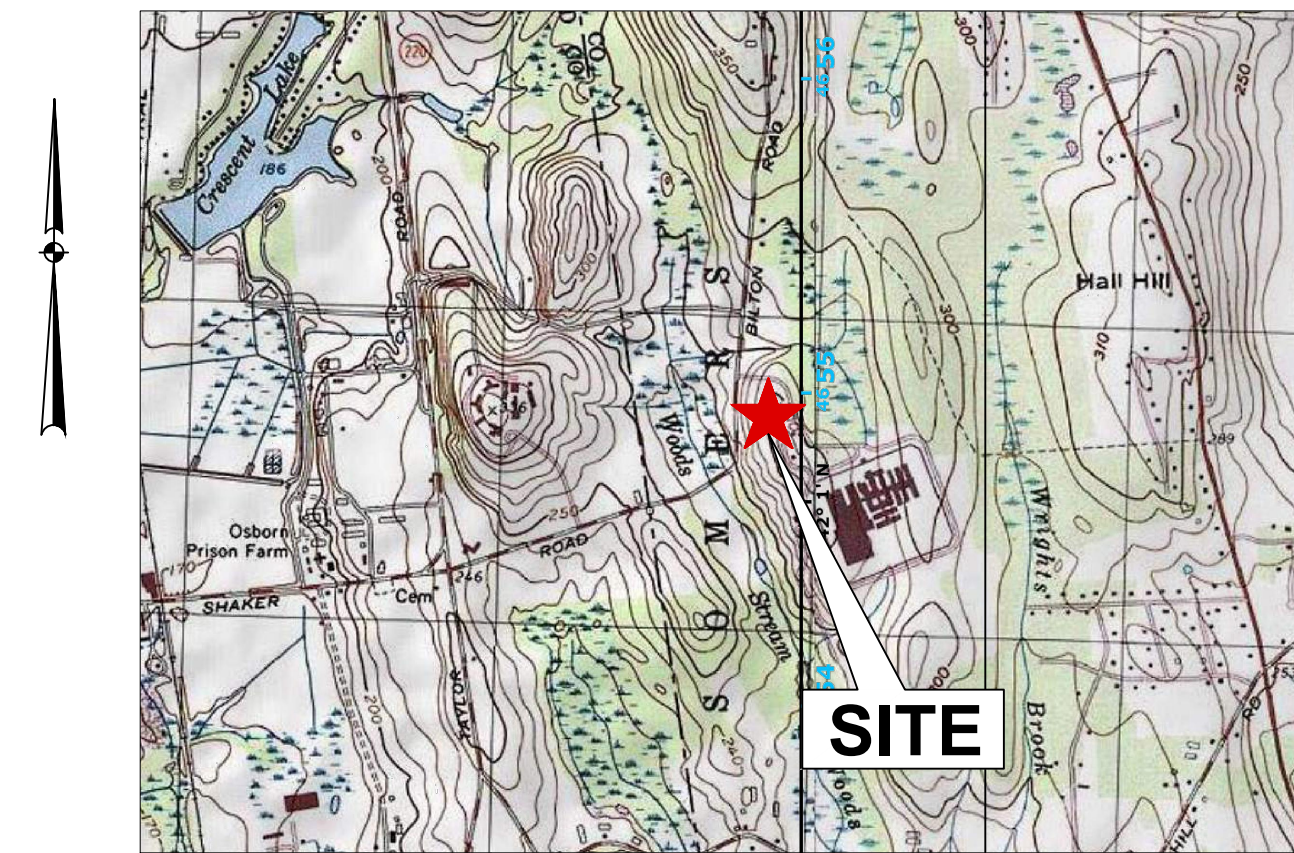


# CT Green Bank Department of Corrections Solar

Osborn Correctional Institution  
335 Bilton Road  
Somers, Connecticut



VICINITY MAP  
1"=2,000'

LATITUDE: 42.0019375°  
LONGITUDE: -72.501380°

## PERMIT PLANS

### DRAWING INDEX

SHEET TITLE	SHEET NO.	LATEST REVISION
<b>CIVIL</b>		
COVER SHEET	C-000	4-21-22
OVERALL SITE PLAN	C-100	4-21-22
SITE PLAN (40-SCALE)	C-101	4-21-22
SITE PLAN (40-SCALE)	C-102	4-21-22
EROSION & SEDIMENT CONTROL NOTES	C-201	4-21-22
DETAILS	C-202	4-21-22

### Applicant

*CT Green Bank*  
75 Charter Oak Ave., Suite 1-103  
Hartford, CT 06106

### Owner

*State of Connecticut*  
*Osborn Medium Security Prison*  
335 Bilton Road  
Somers, CT 06071

### Prepared By

**SUNPOWER®**

1414 HARBOUR WAY SOUTH  
RICHMOND, CA 94804 USA  
(510) 540-0550



J.R. Russo & Associates, LLC  
1 Shoham Rd East Windsor, CT 06088 • CT 860.623.0599 • MA 413.785.1158  
www.jrusso.com • info@russo.com





**Test Pit Data:**  
Observed by J.R. Russo & Associates  
on 2-14-22 & 2-15-22

**TP 7**  
0'-12" Sandy Loam Topsoil  
12'-32" Lt. Brown Fine Sandy Loam  
32'-64" Lt. Brown Loamy Sand  
64'-96" Red/Brown Loamy Sand w/  
Gravel  
Seeps @ 38", No Ledge, Mottles @ 36"

**TP 8**  
0'-16" Sandy Loam Topsoil  
16'-32" Lt. Brown Fine Sandy Loam  
32'-72" Red/Brown Loamy Sand w/  
Gravel  
Seeps @ 28", No Ledge, Mottles @ 24"

**TP 9**  
0'-9" Sandy Loam Topsoil  
9'-31" Lt. Brown Fine Sandy Loam  
28'-84" Red/Brown Loamy Sand w/  
Gravel, Firm  
No Water, No Ledge, No Mottles

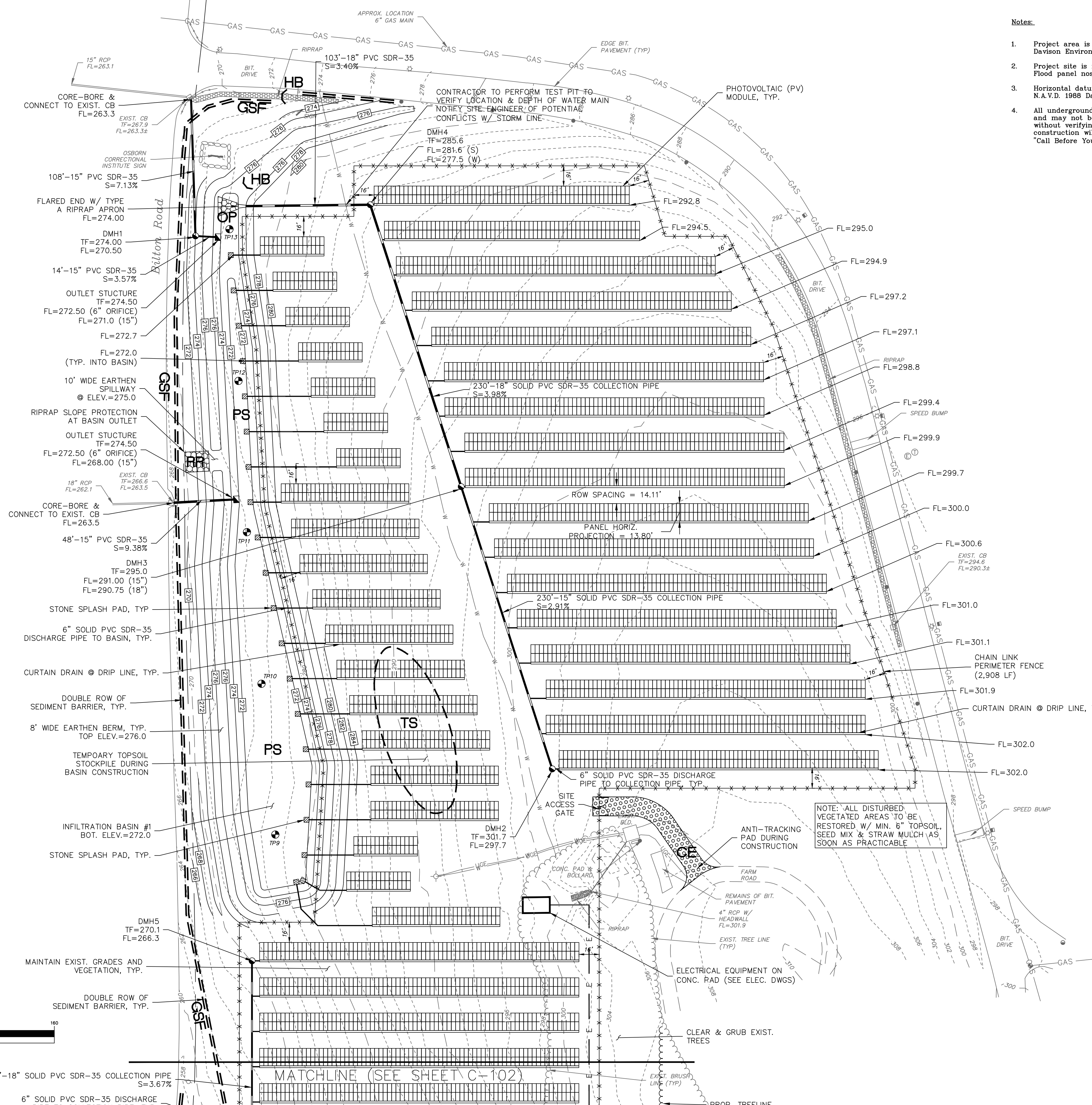
**TP 10**  
0'-9" Sandy Loam Topsoil  
9'-32" Lt. Brown Fine Sandy Loam  
w/ Gravel  
32'-86" Red/Brown Loamy Sand w/  
Gravel, Firm  
Seeps @ 50", No Ledge, No Mottles

**TP 11**  
0'-9" Sandy Loam Topsoil  
9'-35" Red/Brown Very Fine Sandy Loam  
35'-86" Red/Brown Very Fine Sandy  
Loam w/ Gravel  
No Water, No Ledge, No Mottles

**TP 12**  
0'-8" Sandy Loam Topsoil  
8'-20" Lt. Brown Fine Sandy Loam  
20'-44" Lt. Brown Firm Fine Sandy  
Loam  
44'-86" Red/Brown Sandy Loam w/  
Gravel  
No Water, No Ledge, No Mottles

**TP 13**  
0'-8" Sandy Loam Topsoil  
8'-30" Lt. Brown Fine Sandy Loam  
30'-86" Red/Brown Loamy Sand w/  
Gravel, Firm  
No Water, No Ledge, No Mottles

**Permeability Results:**  
TP7/20"-24": 1.127 in/hr  
TP8/20"-24": 0.659 in/hr  
TP9/20"-36": 1.323 in/hr  
TP10/24"-36": 1.887 in/hr  
TP11/50": 2.062 in/hr  
TP12/50": 2.122 in/hr  
TP10/50": 2.972 in/hr



**Notes:**

1. Project area is not located in inland wetlands as delineated by Davison Environmental in October 2021.
2. Project site is not located in a flood hazard zone per FEMA Flood panel nos. 0901120006D.
3. Horizontal datum based on N.A.D. 1983. Elevations based on N.A.V.D. 1988 Datum.
4. All underground utility locations on this plan are approximate and may not be complete. Anyone using this information without verifying the locations does so at their own risk. No construction will be done on this site prior to utility mark out. "Call Before You Dig 1-800-922-4455".

**LEGEND**

- EXISTING UTILITY HANDHOLE
- EXISTING ELECTRIC HANDHOLE
- ⊕ EXISTING ELECTRIC MANHOLE
- ⊕ EXISTING TELECOMMUNICATIONS MANHOLE
- ⊕ EXISTING UTILITY POLE
- ⊕ EXISTING LIGHT POLE
- OH — EXISTING OVERHEAD UTILITIES
- CH — PROPOSED OVERHEAD UTILITIES
- UG — EXISTING UNDERGROUND ELECTRIC
- UG — EXISTING UNDERGROUND TELECOMM
- E — PROPOSED UNDERGROUND ELECTRIC
- ⊕ EXISTING WATER GATE
- ⊕ EXISTING HYDRANT
- ⊕ EXISTING WATER
- ⊕ EXISTING GAS GATE
- G — EXISTING GAS LINE
- ⊕ EXISTING CATCH BASIN
- ⊕ EXISTING DRAINAGE MANHOLE
- ⊕ EXISTING STORM SEWER
- ⊕ EXISTING SANITARY MANHOLE
- SS — EXISTING SANITARY SEWER
- ⊕ EXISTING SIGN
- ⊕ EXISTING IRON PIN (FOUND)
- ⊕ EXISTING MONUMENT (FOUND)
- ⊕ EXISTING SPOT GRADE
- ⊕ PROPOSED SPOT GRADE
- 135x5 — EXISTING CONTOUR
- 138 — PROPOSED CONTOUR
- W — EXISTING TREELINE
- W — LIMIT OF WETLANDS
- P — PROPERTY LINE
- E — EASEMENT LINE
- S — SEDIMENT BARRIER

**EROSION & SEDIMENT CONTROL PLAN KEY**

- PS PERMANENT SEEDING
- TS TEMPORARY SEEDING
- CE CONSTRUCTION ENTRANCE
- GSF GEOTEXTILE SILT FENCE
- OP OUTLET PROTECTION
- HB HAYBALE CHECKDAM

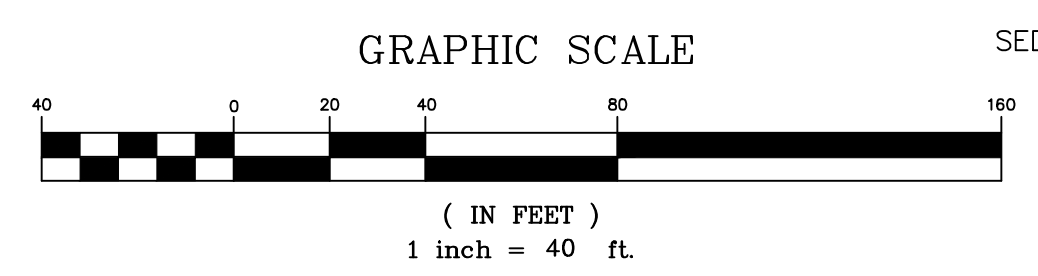
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(510) 540-0550

REVISIONS	
BY: LF/TAC	CHK: JEU

*Connecticut Green Bank  
Osborn Correctional Institution*  
335 Bilton Road  
Somers, Connecticut

Site Plan	
DATE	4-21-22
SCALE	1" = 40'
JOB NUMBER	2021-040
SHEET	C-101



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Seeps @ 30", No Ledge, Mottles @ 36"

**TP 8**  
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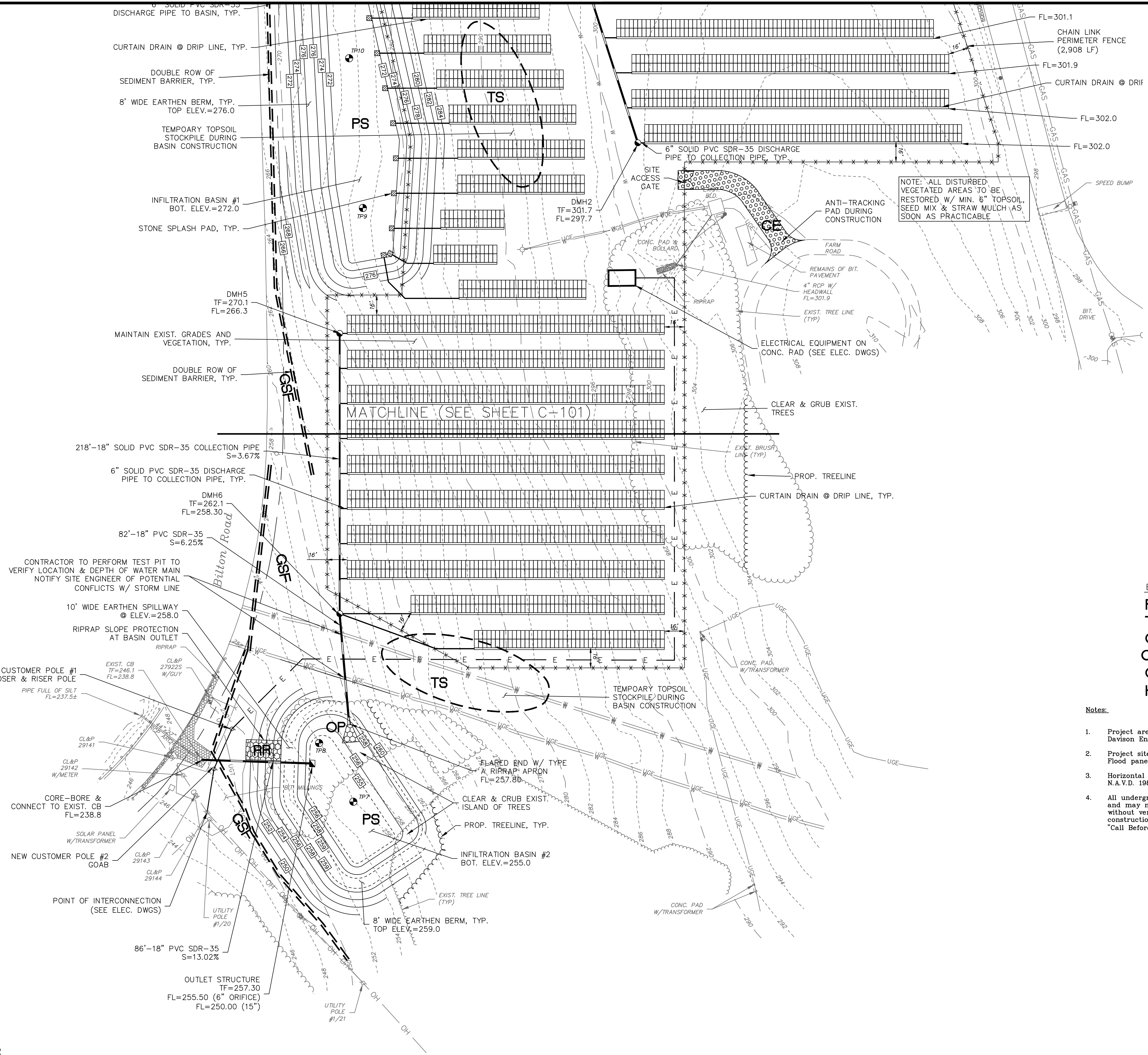
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