GRAPHIC SCALE

20 0 10 20 40 80

1 inch = 20 ft.
for sheet size 24" x 36"

SITE UTILITY SCHEDULE

- E1 TRANSFORMER, COORDINATE WITH MEP
- E2 EV CHARGING STATION WITH (2) PORTS, COORDINATE WITH MEP
- W1 6" D.I. WATER SERVICE LINE FROM EX. MAIN TO PROP. BLDG, INCLUSIVE OF GATE VALVE PER BURLINGTON DPW STANDARD
- W2 2" TYPE "K" COPPER DOMESTIC WATER SERVICE LINE FROM W1 TO PROP. BLDG, INCLUSIVE OF GATE VALVE PER BURLINGTON DPW STANDARD
- SS1 6" PVC SANITARY SEWER SERVICE LINE FROM PROP. BLDG. TO EX. MAIN IN FLYNN AVE., INCLUSIVE OF CLEANOUT WITH BACKFLOW PREVENTER PER BURLINGTON DPW STANDARDS
- ST1 4' I.D. MANHOLE
  RIM: 145.72
  INV. IN (E): 141.26 (12" HDPE)
  INV. OUT (N): 141.16 (12" HDPE)
- ST2 2' DIA. DEEP SUMP CATCH BASIN
  RIM: 144.95
  INV. OUT (W): 142.85 (12" HDPE)
- ST3 2' X 2' DEEP SUMP CATCH BASIN
  RIM: 144.35
- ST4 4' I.D. MANHOLE
  RIM: 144.03
  INV. IN (N): 139.93 (12" HDPE)
  INV. OUT (W): 139.83 (12" HDPE)
- ST5 4' I.D. MANHOLE
  RIM: 144.87
  INV. IN (E): 139.56 (12" HDPE)
  INV. IN (S): 140.58 (12" HDPE)
  INV. OUT (N): 139.46 (12" HDPE)
- ST6 24" I.D. MANHOLE
  RIM: 143.38
  INV. OUT (E): 138.50 (12" HDPE)
- ST7 4' I.D. MANHOLE
  RIM: 143.16
  INV. IN (W): 138.28 (12" HDPE)
  INV. OUT (NE): 138.18 (12" HDPE)
- ST11 12" I.D. YARD DRAIN
  RIM: 142.21
  INV. OUT (N): 141.00 (8" PVC)
- ST14 2' DIA. DEEP SUMP CATCH BASIN
  RIM: 142.82
  INV. OUT (N): 141.66 (12" HDPE)
- ST8 FLARED END SECTION
- ST9 6" PERF. PVC FOOTING DRAIN
- ST10 FLARED END SECTION WITH STONE APRON
- ST12 RIP-RAP END SECTION
- ST13 RIP-RAP END SECTION
- STF1 FOCAL POINT TREATMENT AREA (350 SF)
- STF2 FOCAL POINT TREATMENT AREA (25 SF)
- STF3 FOCAL POINT TREATMENT AREA (87 SF)
- STF4 FOCAL POINT TREATMENT AREA (32 SF)
- ST15 STORMTECH SC-310 CHAMBERS (14X12)

PIPE SCHEDULE

NAME	TYPE	LENGTH	SLOPE
ST7-ST8	12" HDPE	9.0	1.0%
ST6-ST7	12" HDPE	39.3	0.5%
ST5-ST4	12" HDPE	50.6	0.5%
STF1-ST1	12" HDPE	95.0	0.5%
ST1-ST4	12" HDPE	112.6	0.5%
STF2-ST13	12" HDPE	22.2	1.0%
STF3-ST4	12" HDPE	31.8	0.5%
ST9-ST10	8" PVC	33.2	2.0%
ST11-ST12	8" PVC	115.7	1.0%
STF4-ST15	12" HDPE	7.7	2.8%

Stamp

No.	Description	Date

ENGINEERING VENTURES PC
208 Flynn Avenue, Suite 2A, Burlington, VT 05401 s 802-863-6225
85 Mechanic Street, Suite E2-3, Lebanon, NH 03766 s 603-442-9333
414 Union Street, Schenectady, NY 12305 s 518-830-9614
www.engineeringventures.com

DUNCAN WISNIEWSKI ARCHITECTURE
255 SOUTH CHAMPLAIN STREET
BURLINGTON, VT 05401
(802) 864-6693

Sheet Title: SITE UTILITY PLAN

Project Title: HOWARD CENTER REDEVELOPMENT
855 PINE STREET/300 FLYNN AVENUE
CITY OF BURLINGTON, CHITTENDEN COUNTY, VERMONT

EV Project #	22488
Drawn By:	JG
Checked By:	KW
Scale:	1" = 20'
Date:	03/17/2023

C2.1

PLOTTED: 3/23/2023 7:44 AM
S:\PROJECTS\X-XX\22488 HOWARD CENTER REDEVELOPMENT, CIVIL\DWS\SHEET FILES\C2.0 SITE PLAN.DWG