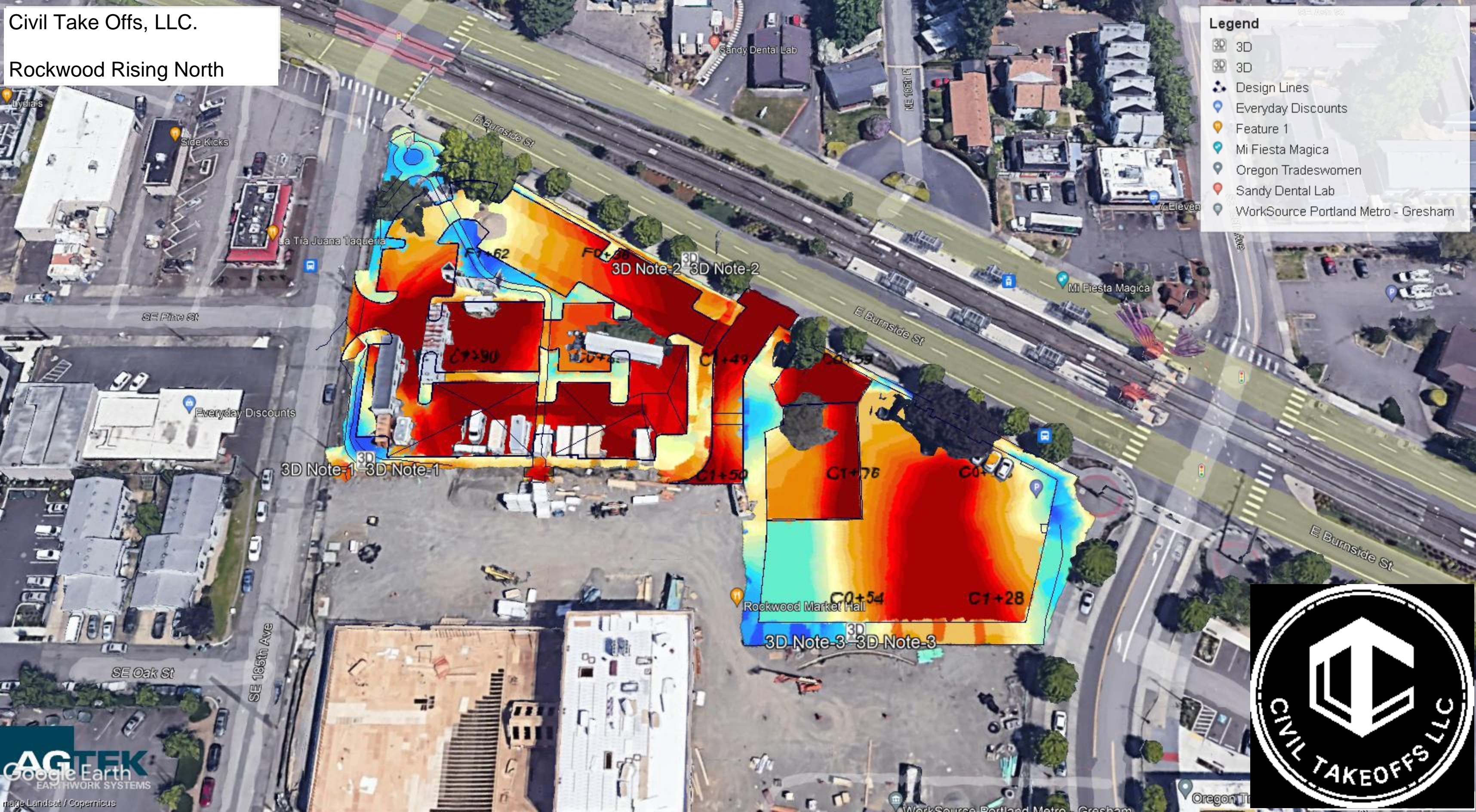
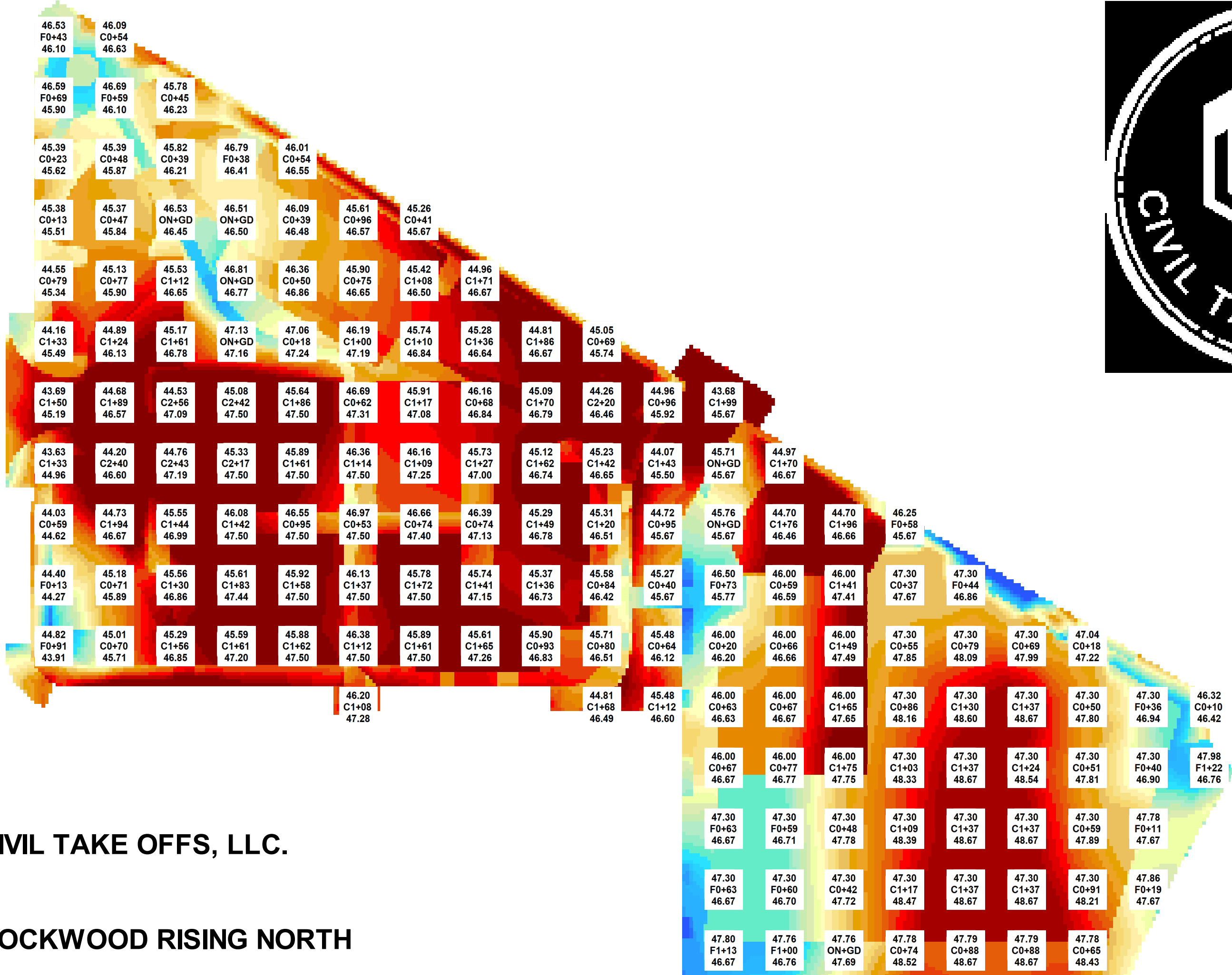


Civil Take Offs, LLC.
Rockwood Rising North

Legend

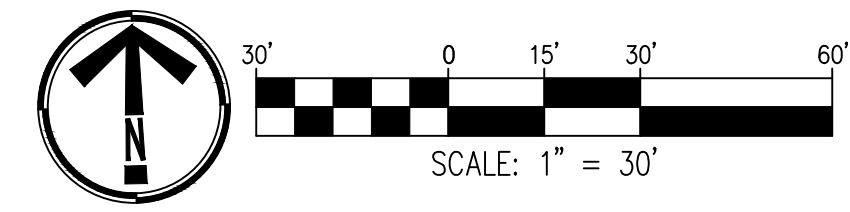
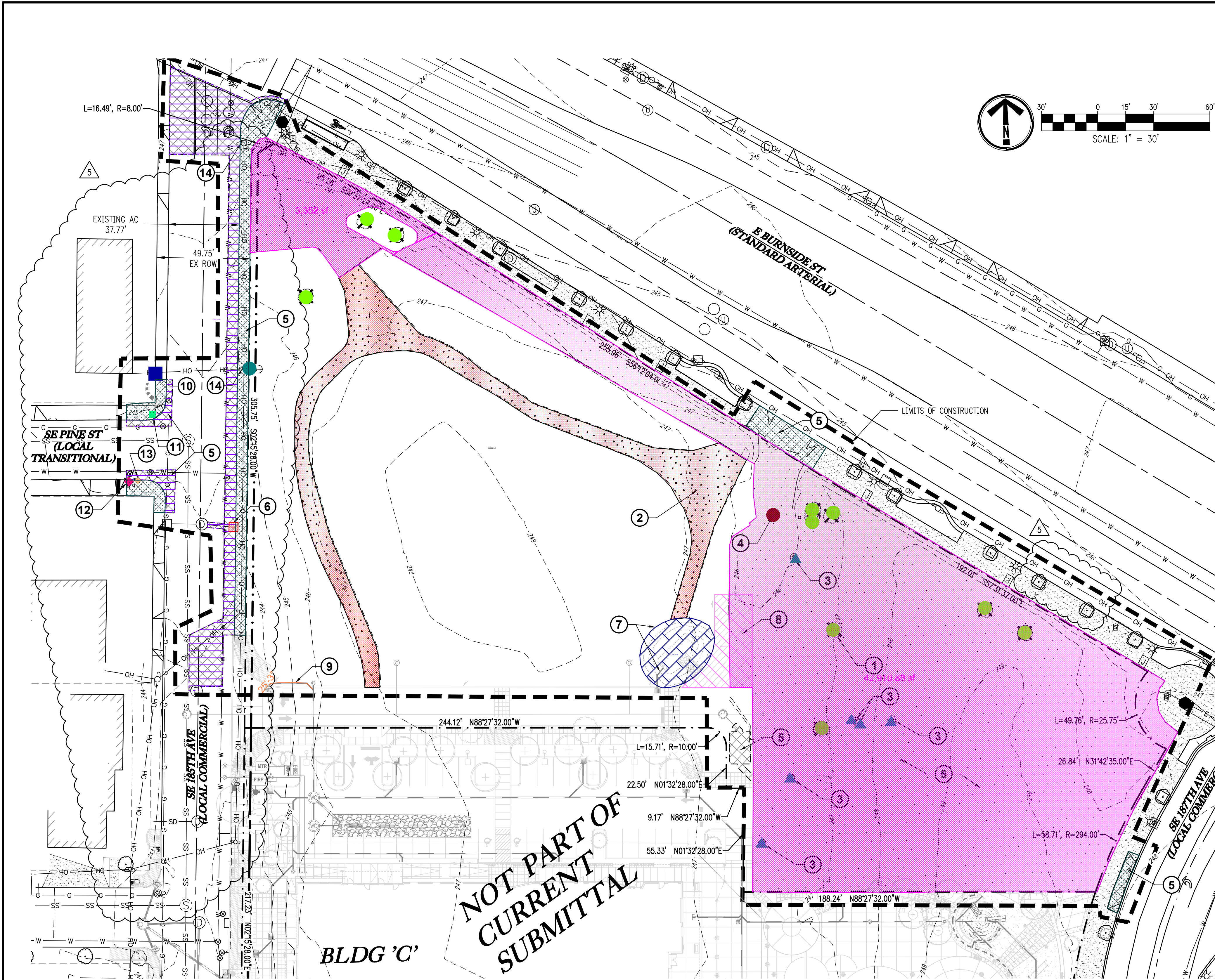
- 3D 3D
- 3D 3D
- Design Lines
- Everyday Discounts
- Feature 1
- Mi Fiesta Magica
- Oregon Tradeswomen
- Sandy Dental Lab
- WorkSource Portland Metro - Gresham





CIVIL TAKE OFFS, LLC.

ROCKWOOD RISING NORTH



Legend			
Description	Quantity	Unit	
Ex Fire Hydrant	1	Count	
Existing Drywell Fill	1	Count	
Relocate Ex Bus Stop Sign	1	Count	
Relocate Ex Water Meter	1	Count	
Remove Asphalt 185th	4,115.22	sf	
Remove Ex Bus Stop Sign	1	Count	
Remove Ex Catch Basin	23.04	sf	
Remove Ex Sanitary C/O	6	Count	
Remove Ex Storm Pipe	25.2423	ft	
Remove Ex Telephone Pole	1	Count	
Remove gravel path	5,978.81	sf	
Remove On Site Asphalt	46,262.93	sf	
Remove Public Sidewalks	3,131.86	sf	
Remove Sediment Pond	1,128.19	sf	
Remove Temp Fire Turnaround	1,160.07	sf	
Tree Removal	10	Count	

ROCKWOOD RISING NORTH
TAX LOT 07903
TAX MAP 3E 32CC
SW1/4 SW1/4 SEC.32 T.1N.R.3E.W.1M.
GRESHAM, OREGON

EXISTING CONDITIONS
AND DEMOLITION PLAN

REVISIONS	
NO.	DESCRIPTION
0	08/21/17 INITIAL SUBMITTAL
1	11/10/17 2ND SUBMITTAL
2	2/2/2018 3RD SUBMITTAL
3	3/7/2018 4TH SUBMITTAL
4	12/10/2021 BUILDING REVISIONS
5	2/21/2022 AHJ COMMENTS 1

EMERIO
ENGINEERING • SURVEYING • DESIGN
6445 SW FALLBROOK PLACE, SUITE 100
BEAUMONT, OR 97108
TEL: (503) 746-5812
FAX: (503) 638-6592
www.emeriodesign.com

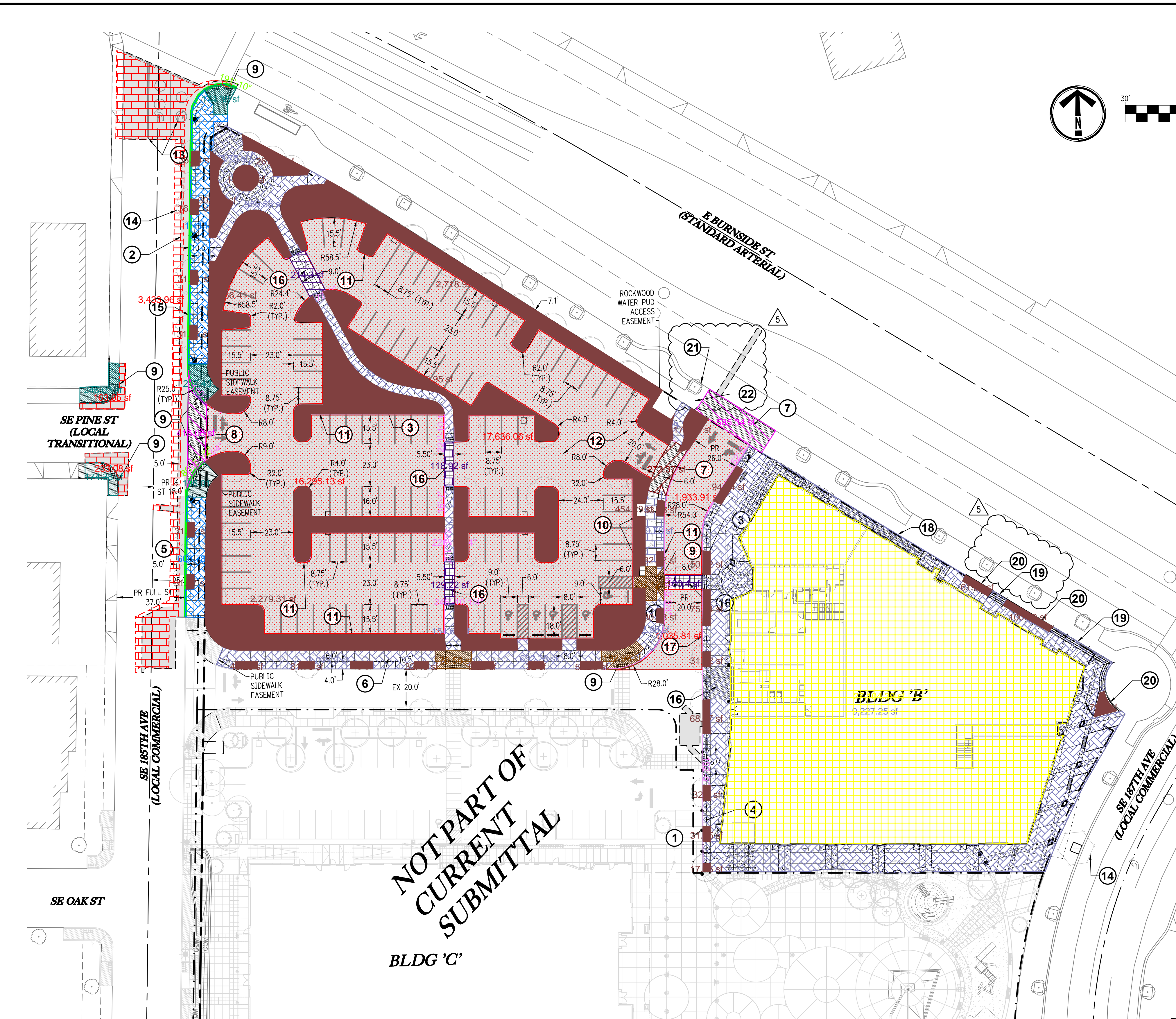
REGISTERED PROFESSIONAL ENGINEER
54665
DocuSigned by:
Eric Evans
ERIC DANIEL EVANS
EXPIRES: 12/31/2023

SHEET
C-002
OF
C-022A

**NOT PART OF
CURRENT
SUBMITTAL**

GENERAL NOTES:
A. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE BEFORE ANY GRADING OR DEMOLITION TAKES PLACE. SEE SHEETS C-EC1 - C-EC4.
B. CONTRACTOR SHALL POTHOLE AND CONFIRM ALL EXISTING UTILITY ELEVATIONS AND LOCATIONS BEFORE CONSTRUCTION.





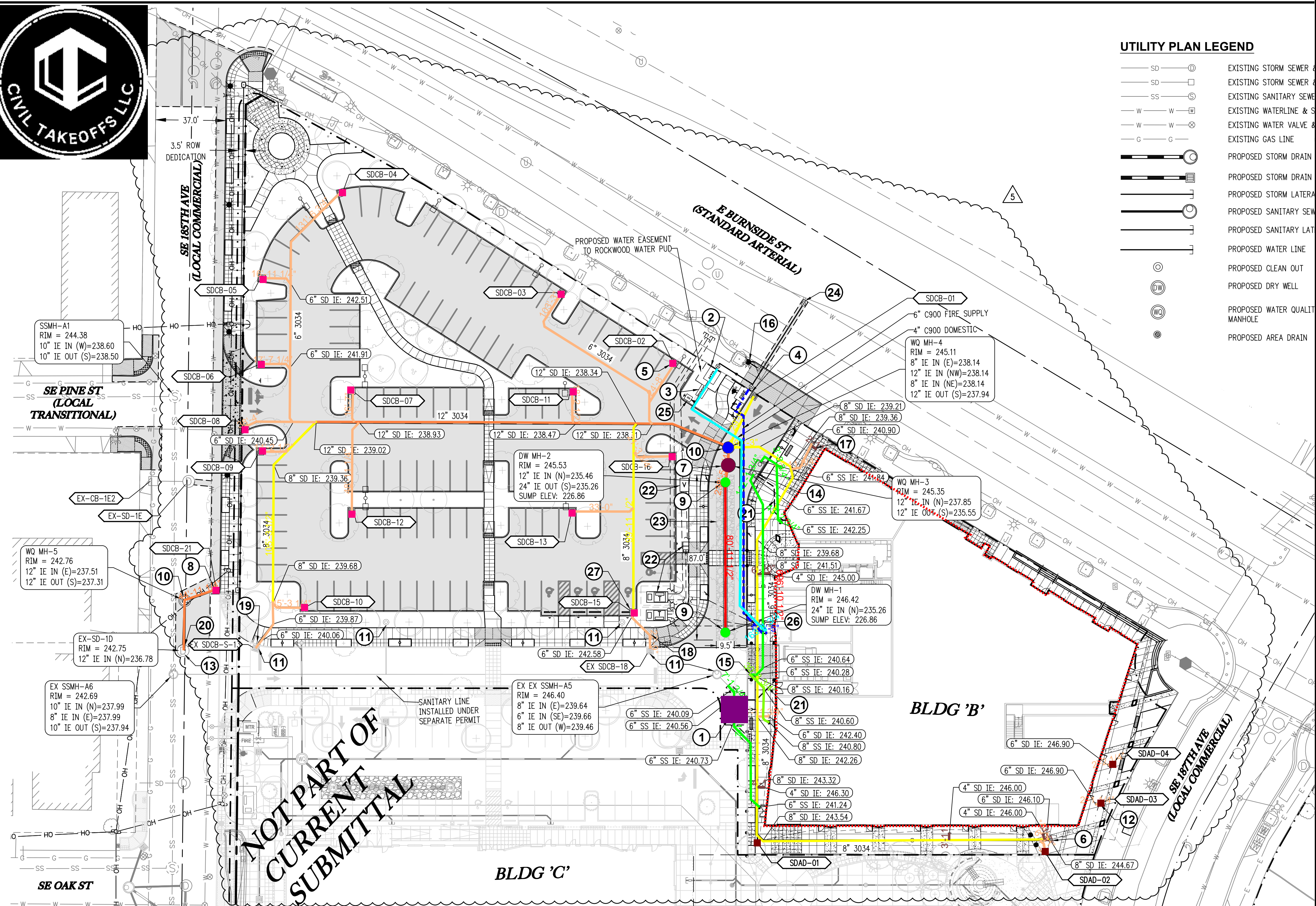
Legend			
	Description	Quantity	Unit
	BUILDING PAD	27,104.45	sf
	ONSITE ADA RAMPS	566.66	sf
	ONSITE DRIVEWAY	272.38	sf
	ONSITE SIDEWALK	13,756.99	sf
	PLANTER	15,219.00	sf
	PUBLIC A/C REPAIR	3,830.07	sf
	PUBLIC ADA RAMPS	1,008.28	sf
	PUBLIC CURB	278.4601	ft
	PUBLIC DRIVEWAY	1,001.42	sf
	PUBLIC WALK	2,020.80	sf
	SITE CURB	2,480.0100	ft
	Standard Pavement Section	36,900.95	sf
	VEHICHLERATED WALK	622.83	sf

NOT PART OF
CURRENT
SUBMITTAL

BLDG 'C'

BLDG 'B'





UTILITY PLAN LEGEND

- SD (circle with cross) EXISTING STORM SEWER
- SD (circle with dot) EXISTING STORM SEWER
- SS (circle with cross) EXISTING SANITARY SEWER
- W (circle with cross) EXISTING WATERLINE & S
- W (circle with dot) EXISTING WATER VALVE & S
- G (circle with cross) EXISTING GAS LINE
- SD (circle with cross) PROPOSED STORM DRAIN
- SD (circle with dot) PROPOSED STORM DRAIN
- SD (circle with cross) PROPOSED STORM LATERAL
- SD (circle with dot) PROPOSED SANITARY SEWER
- SD (circle with cross) PROPOSED SANITARY LATERAL
- W (circle with cross) PROPOSED WATER LINE
- W (circle with dot) PROPOSED CLEAN OUT
- W (circle with dot) PROPOSED DRY WELL
- W (circle with cross) PROPOSED WATER QUALITY MANHOLE
- W (circle with dot) PROPOSED AREA DRAIN

Legend

Description	Quantity	Unit
4" C-900 Domestic	163.1384	ft
4" footing drain	696.8666	ft
4" storm	21.1424	ft
6" C-900 Fire Line	139.4227	ft
6" C-900 storm	173.7957	ft
6" storm	419.3170	ft
6" Sanitary	216.8771	ft
8" sanitary	30.7193	ft
8" storm	626.2645	ft
12" C-900 storm	44.9324	ft
12" storm	238.4402	ft
24" PERF STORM LINE	80.9556	ft
60" SED MH	1	Count
CONTECH STORM FILTER MH	1	Count
DRY WELL	2	Count
SDAD	4	Count
SDCB	15	Count

CATCH BASIN DATA TABLE

CATCH BASIN	C.B. TYPE	RIM ELEV.	I.E. OUT	SLOPE	PIPE DATA
EX-CB-1E2	EX. CB	243.51	241.66	0.1835	19.47 LF 8" EXTG
EX SDCB-18	EX CB	245.43	242.98	0.0100	8.31 LF 6" C900 PVC
EX SDCB-S-13	EX CB	242.60	240.09	0.0100	3.06 LF 6" 3034 PVC
SDAD-01	AREA DRAIN W/ HEEL PROOF GRATE	248.25	245.75	0.4730	4.57 LF 6" 3034 PVC
SDAD-02	AREA DRAIN W/ HEEL PROOF GRATE	248.11	245.75	0.0167	3.57 LF 6" C900 PVC
SDAD-03	AREA DRAIN W/ HEEL PROOF GRATE	248.20	246.92	0.0100	2.10 LF 6" C900 PVC

CATCH BASIN DATA TABLE

CATCH BASIN	C.B. TYPE	RIM ELEV.	I.E. OUT	SLOPE	PIPE DATA
SDAD-04	AREA DRAIN W/ HEEL PROOF GRATE	248.20	246.92	0.0100	2.11 LF 6" C900 PVC
SDCB-01	GIBSON CATCHBASIN	244.54	241.07	0.0964	30.38 LF 8" 3034 PVC
SDCB-02	GIBSON CATCHBASIN	245.43	241.97	0.0064	24.94 LF 6" 3034 PVC
SDCB-03	GIBSON CATCHBASIN	246.20	242.73	0.0100	17.67 LF 6" 3034 PVC
SDCB-04	GIBSON CATCHBASIN	246.56	243.10	0.0100	36.94 LF 6" 3034 PVC
SDCB-05	GIBSON CATCHBASIN	245.79	242.33	0.0100	12.95 LF 6" 3034 PVC

CATCH BASIN DATA TABLE

CATCH BASIN	C.B. TYPE	RIM ELEV.	I.E. OUT	SLOPE	PIPE DATA
SDCB-06	GIBSON CATCHBASIN	245.08	242.08	0.0100	13.54 LF 6" 3034 PVC
SDCB-07	GIBSON CATCHBASIN	245.44	241.98	0.0100	14.51 LF 6" C900 PVC
SDCB-08	GIBSON CATCHBASIN	244.23	240.71	0.0100	6.89 LF 6" C900 PVC
SDCB-09	GIBSON CATCHBASIN	244.66	241.20	0.1331	13.60 LF 6" C900 PVC
SDCB-10	GIBSON CATCHBASIN	246.00	242.48	0.0100	14.37 LF 6" 3034 PVC
SDCB-11	GIBSON CATCHBASIN	246.72	243.24	0.0100	14.66 LF 6" 3034 PVC

CATCH BASIN DATA TABLE

CATCH BASIN	C.B. TYPE	RIM ELEV.	I.E. OUT	SLOPE	PIPE DATA
SDCB-12	GIBSON CATCHBASIN	245.96	242.51	0.0100	
SDCB-13	GIBSON CATCHBASIN	246.49	243.03	0.0100	
SDCB-15	INSTALL AREA DRAIN TYPE 2 PER DET 10, SH D16B	246.35	242.38	0.0100	
SDCB-16	GIBSON CATCHBASIN	245.89	242.39	0.0100	
SDCB-21	STD. CATCHBASIN	242.88	237.86	0.0200	

* PUBLIC CATCH BASIN PER C.O.G. DETAIL 409, SHEET 18
 ** INSTALLED DURING PREVIOUS PHASE UNDER SEPARATE PERMIT

CONTINUOUS FOOTING EXCAVATION

PROJECT: ROCKWOOD RISING NORTH

BID DATE: April 11, 2022

COMMENTS: NONE

TYPE	NO (EA)	DIMENSIONS			EXTRA WIDTH AROUND (FT)	DEPTH TO TOP OF FTG (FT)	ROCK UNDER FTG (IN)	BACKFILL			CONCRETE ON TOP			VOLUMES			
		WIDTH (FT)	LENGTH (FT)	DEPTH (FT)				NTV Y=1/N=0	ROCK Y=1/N=0	%FILL	WIDTH (FT)	LENGTH (FT)	HEIGHT (FT)	EXC. (CY)	ROCK (CY)	NATIVE (CY)	EXCESS (CY)
FC10	1	10.00	273	1.83	1.00	1.20	6.00	0	1	100%	0.50	273	1.20	428.3	237.2	0.0	428.3
FC8	1	8.00	149	1.50	1.00	1.20	6.00	0	1	100%	0.50	149	1.20	176.0	106.7	0.0	176.0
FC6	1	6.00		1.50	1.00							0	0.00	0.0	0.0	0.0	0.0
												0	0.00	0.0	0.0	0.0	0.0
FE	1	13.50	25	5.00	1.00	1.20	6.00	0	1	100%	0.50	25	1.20	96.2	33.1	0.0	96.2
FS	1	1.50	343	1.00	1.00		6.00	0	1	100%	0.50	343	0.00	66.7	47.6	0.0	66.7
FM	1	20.00	35	2.50	1.00	1.20	6.00	0	1	100%	0.50	35	1.20	119.8	54.2	0.0	119.8
												0	0.00	0.0	0.0	0.0	0.0
												0	0.00	0.0	0.0	0.0	0.0
	6		825											886.9	478.8	0.0	886.9

Soil Unit Weight Per CF	DIRT		GRANULAR		Average / Each in BCY			
	BCY to TCY Conversion	BCY to Ton Conversion	BCY to TCY Conversion	BCY to Ton Conversion	1.1	0.6	0.0	1.1
	25.00%	148.50%	30.00%	189.00%	1.3	0.8	0.0	1.3
110.00					2.7	1.7	0.0	2.7
	Conversion on Totals to TCY				1108.7	622.5	0.0	1108.7
	Conversion on Totals to Tons				1317.1	905.0	0.0	1317.1



PIER FOOTING EXCAVATION

PROJECT: ROCKWOOD RISING NORTH

BID DATE: 4/11/2022

COMMENTS: NONE

TYPE	NO (EA)	DIMENSIONS			EXTRA WIDTH AROUND (FT)	DEPTH TO TOP OF FTG (FT)	ROCK UNDER FTG (IN)	BACKFILL			CONCRETE ON TOP			F2.0 VOLUMES			
		WIDTH (FT)	LENGTH (FT)	DEPTH (FT)				NTV Y=1/N=0	ROCK Y=1/N=0	%FILL	WIDTH (FT)	LENGTH (FT)	HEIGHT (FT)	EXC. (CY)	ROCK (CY)	NATIVE (CY)	EXCESS (CY)
FS 14	7	14.00	14.00	2.17	1.00	1.20	6.00	0	1	100%	1.50	1.50	1.20	256.9	145.9	0.0	256.9
FS13	6	13.00	13.00	2.00	1.00	1.20	6.00	0	1	100%	1.50	1.50	1.20	185.0	109.3	0.0	185.0
FS12	8	12.00	12.00	1.83	1.00	1.20	6.00	0	1	100%	1.50	1.50	1.20	205.0	126.1	0.0	205.0
FS11	10	11.00	11.00	1.67	1.00	1.20	6.00	0	1	100%	1.50	1.50	1.20	210.9	135.1	0.0	210.9
FS10	10	10.00	10.00	1.50	1.00	1.20	6.00	0	1	100%	1.50	1.50	1.20	170.7	114.1	0.0	170.7
FS8	2	8.00	8.00	1.50	1.00	1.20	6.00	0	1	100%	1.50	1.50	1.20	23.7	16.4	0.0	23.7
FS6	8	6.00	6.00	1.50	1.00	1.20	6.00	0	1	100%	1.50	1.50	1.20	60.7	43.9	0.0	60.7
FS16 by 8	1	8.00	16.00	1.50	1.00	1.20	6.00	0	1	100%	1.50	1.50	1.20	21.3	14.1	0.0	21.3
FS 19by9	2	9.00	19.00	1.50	1.00	1.20	6.00	0	1	100%	1.50	1.50	1.20	54.8	35.6	0.0	54.8
FS C	1	13.00	31.00	2.00	1.00	1.20	6.00	0	1	100%	0.50	14.00	1.20	67.8	37.7	0.0	67.8
FSC	1	15.00	26.00	2.00	1.00	1.20	6.00	0	1	100%	0.50	19.00	1.20	65.2	35.9	0.0	65.2
													0.00	0.0	0.0	0.0	0.0
													0.00	0.0	0.0	0.0	0.0
													0.00	0.0	0.0	0.0	0.0
													0.00	0.0	0.0	0.0	0.0
													0.00	0.0	0.0	0.0	0.0
													0.00	0.0	0.0	0.0	0.0
	56												1322.0	814.0	0.0	1322.0	

Soil Unit Weight Per CF	DIRT		GRANULAR		Average / Each in BCY			
	BCY to TCY Conversion	BCY to Ton Conversion	BCY to TCY Conversion	BCY to Ton Conversion				
110.00	25.00%	148.50%	30.00%	189.00%	23.6	14.5	0.0	23.6
					29.5	18.9	0.0	29.5
					58.7	42.0	0.0	58.7
					1652.5	1058.3	0.0	1652.5
					1963.2	1538.5	0.0	1963.2



RETAINING WALL EXCAVATION

PROJECT: ROCKWOOD RISING NORTH

BID DATE: April 11, 2022

COMMENTS: NONE

TYPE	A (FT)	B (FT)	L (FT)	EXTRA WIDTH (FT)	G (IN)	J (IN)	AVG. H (FT)	S (%)	E (FT)	F (IN)	C (FT)	D (FT)	K (FT)	M (FT)	T (IN)	EXC. (CY)	ROCK (CY)	NATIVE (CY)	EXCESS (CY)
																#DIV/0!	0.0	#DIV/0!	0.0
																#DIV/0!	0.0	#DIV/0!	0.0
																#DIV/0!	0.0	#DIV/0!	0.0
																#DIV/0!	0.0	#DIV/0!	0.0
																#DIV/0!	0.0	#DIV/0!	0.0
	0.00		0.00													#DIV/0!	0.0	#DIV/0!	0.0

Soil Unit Weight Per CF **110.00** DIRT
 BCU to TCU Conversion
 BCU to Ton Conversion

Average / Lineal Foot in BCU
 GRANULAR
25.00% BCU to TCU Conversion
148.50% BCU to Ton Conversion
30.00%
189.00%

#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Conversion on Totals to TCU	#DIV/0!	0.0	#DIV/0!
Conversion on Totals to Tons	#DIV/0!	0.0	#DIV/0!

