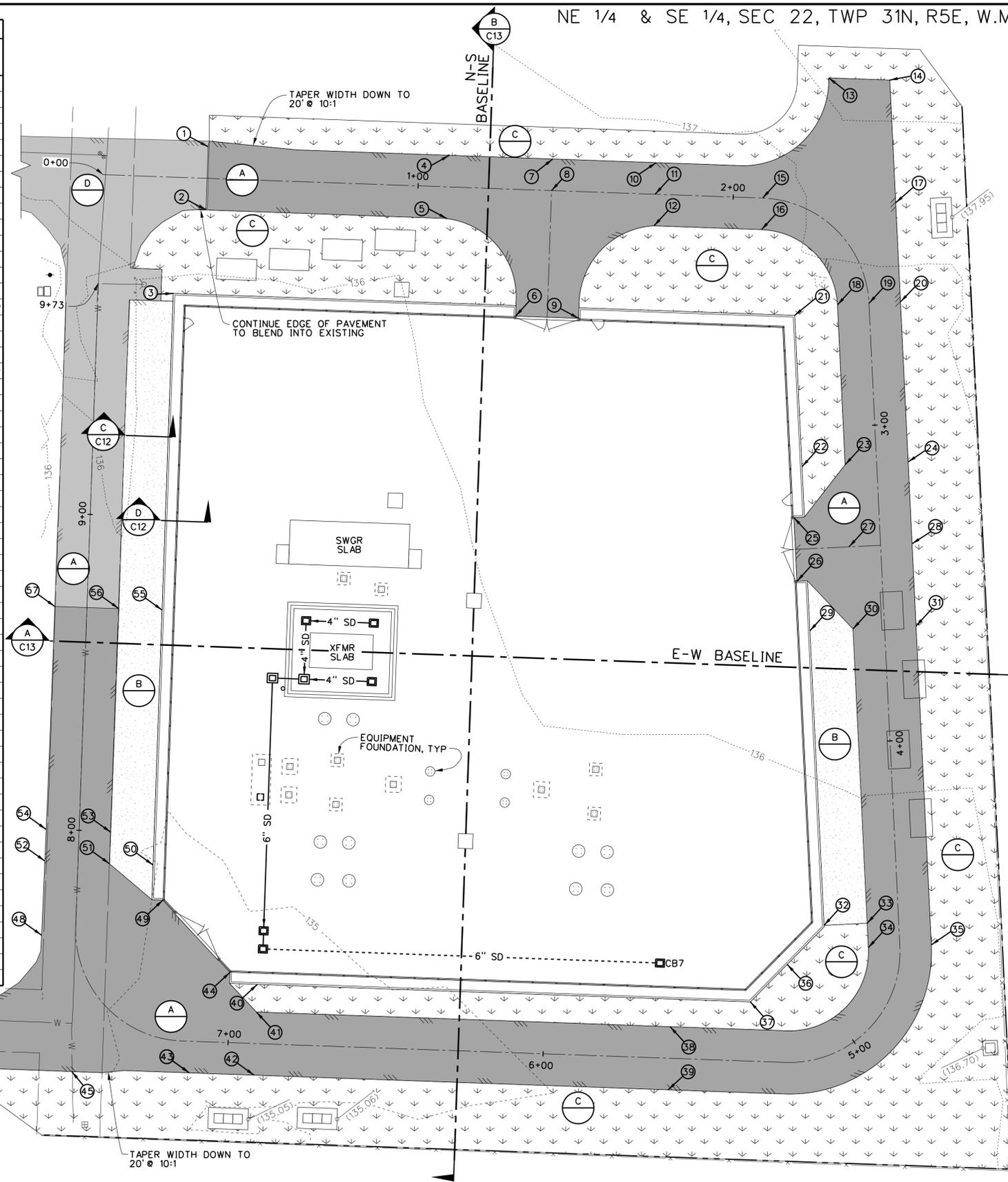


SUBSTATION GRADING SPOT ELEVATIONS

PT ID	ELEVATION	BASELINE N-S OFFSET	BASELINE E-W OFFSET	STATION	OFFSET
1	136.10'	89.34'	158.00'	33+02	10.00'-L
2	136.50'	89.33'	138.00'	33+02	10.00'-R
3	137.00'	98.75'	111.25'	9+70.80	23.85'-R
4	136.90'	12.86'	158.00'	1+09.50	10.00'-L
5	137.10'	12.86'	137.95'	1+09.50	10.00'-R
6	137.50'	10.00'	107.92'	1+32.36	40.08'-R
7	137.10'	20.00'	158.00'	1+42.36	10.00'-L
8	137.30'	20.00'	148.00'	1+42.36	CENTERLINE
9	137.50'	30.00'	107.92'	1+52.36	40.08'-R
10	137.10'	52.86'	158.00'	1+75.22	10.00'-L
11	137.30'	52.86'	148.00'	1+75.22	CENTERLINE
12	137.10'	52.86'	138.00'	1+75.22	10.00'-R
13	137.30'	106.59'	186.73'	2+18.44	41.29'-L
14	137.10'	125.97'	186.73'	2+26.37	48.41'-L
15	137.30'	86.98'	148.00'	2+09.34	CENTERLINE (PC)
16	137.10'	86.98'	138.00'	2+09.34	10.00'-R
17	137.00'	129.21'	148.00'	2+40.10	19.85'-L
18	137.00'	111.89'	115.08'	2+61.40	10.00'-R
19	136.80'	121.86'	115.92'	2+61.40	CENTERLINE (PT)
20	136.60'	131.82'	116.75'	2+61.40	10.00'-L
21	137.10'	98.45'	111.25'	2+64.10	23.75'-R
22	137.10'	102.44'	63.51'	3+12.00	23.75'-R
23	137.00'	116.12'	64.61'	3+12.00	10.00'-R
24	136.60'	136.05'	66.22'	3+12.00	10.00'-L
25	137.50'	100.45'	47.34'	3+28.00	26.95'-R
26	137.50'	102.14'	27.22'	3+48.00	26.95'-R
27	137.00'	118.29'	38.70'	3+38.00	10.00'-R
28	136.60'	138.22'	40.37'	3+38.00	10.00'-L
29	137.00'	106.78'	11.69'	3+64.00	23.75'-R
30	136.75'	120.45'	12.79'	3+64.00	10.00'-R
31	136.35'	140.39'	14.40'	3+64.00	10.00'-L
32	136.50'	114.56'	81.25'	4+57.25	23.75'-R
33	136.30'	128.23'	80.10'	4+57.25	10.00'-R
34	136.25'	128.87'	87.91'	4+65.11	10.00'-R
35	135.85'	148.81'	86.19'	4+65.11	10.00'-L
36	136.75'	103.33'	94.00'	5+23.65	31.00'-R
37	137.00'	92.06'	106.25'	5+34.92	18.75'-R
38	136.25'	66.91'	115.00'	5+60.00	10.00'-R
39	135.85'	66.99'	135.00'	5+60.00	10.00'-L
40	137.00'	64.39'	106.25'	6+91.36	18.75'-R
41	136.80'	64.39'	115.00'	6+91.36	10.00'-R
42	136.20'	64.39'	135.00'	6+91.36	10.00'-L
43	136.25'	84.97'	135.00'	7+12.00	10.00'-L
44	137.50'	73.18'	102.75'	7+00.00	22.25'-L
45	135.50'	122.20'	135.92'	7+37.50	21.75'-L
46	135.00'	147.74'	135.88'	7+46.75	40.65'-L
47	135.00'	147.70'	113.12'	7+55.65	30.20'-L
48	136.00'	133.34'	93.14'	7+67.10	10.00'-L
49	137.50'	95.25'	80.68'	7+78.87	23.35'-R
50	137.00'	98.75'	69.70'	7+89.75	23.85'-R
51	136.60'	112.60'	69.78'	7+89.75	10.00'-R
52	136.00'	133.15'	69.62'	7+89.75	10.00'-L
53	136.40'	112.58'	59.78'	8+00.00	10.00'-R
54	136.00'	133.07'	59.62'	8+00.00	10.00'-L
55	137.00'	98.75'	11.00'	8+70.50	23.75'-R
56	136.00'	112.50'	10.96'	8+70.50	10.00'-R
57	136.00'	132.83'	10.96'	8+70.50	10.00'-L



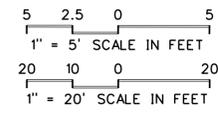
LEGEND:

- PROPERTY LINE
- x-x- EXISTING FENCE
- - - RIGHT-OF-WAY LINE
- - - ADJACENT PROPERTY LINE
- 66--- EXISTING CONTOUR LINE
- EDGE OF PAVEMENT
- - - EXISTING WATER LINE
- EXISTING WATER METER
- EXISTING FIRE HYDRANT
- EXISTING ASPHALT PAVEMENT TO REMAIN
- PROPOSED ASPHALT PAVEMENT SECTION
- PROPOSED GRAVEL SHOULDER C10/B
- PROPOSED SEEDED LAWN PER BMP T5.13

SUBSTATION GRADING PLAN
1" = 20'

City of Arlington PLN#1151

CALL 48 HOURS BEFORE YOU DIG
1-800-424-5555

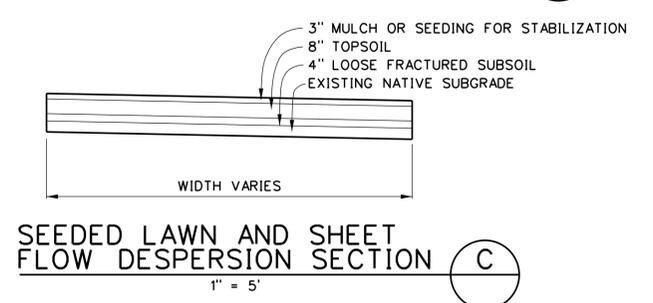
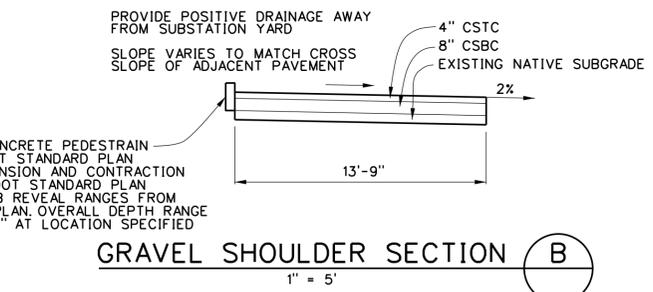
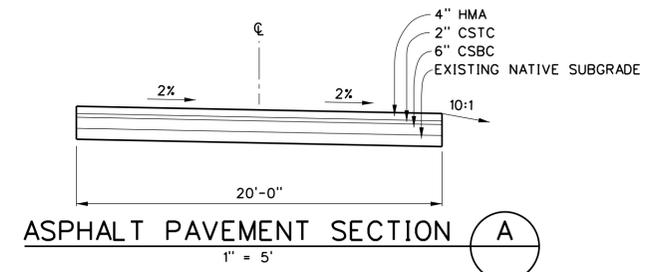


GENERAL GRADING NOTES AND RECOMMENDED CONSTRUCTION SEQUENCE:

- REMOVE UPPERMOST 4'-6" OF SURFACE MATERIAL AND FULL EXTENTS OF UNDERLYING GEOTEXTILE MEMBRANE FROM THE LIMITS OF PROJECT SITE.
- STOCKPILE SPOILS FROM CLEARING AT DISTRICT APPROVAL LOCATION FOR TESTING AND POTENTIAL RE-USE.
- PROJECT GEOTECHNICAL ENGINEER TO EVALUATE UNDERLYING SUB-GRADE SOILS BELOW REMOVED GEOTEXTILE PRIOR TO FILL PLACEMENT.
- AFTER STRIPPING MATERIAL ABOVE GEOTEXTILE SUBGRADE SHALL BE CONFIRMED TO PROVIDE FIRM UNYIELDING CONDITIONS AND VERIFIED TO BE FREE OF ORGANIC MATERIALS AND DELETERIOUS DEBRIS.
- ANY AREAS REQUIRING OVER-EXCAVATION SHALL BE BACKFILLED UP TO SUBGRADE ELEVATION WITH STRUCTURAL FILL PLACED IN LIFTS OF 10" OR LESS LOOSE THICKNESS AND COMPACTED TO A MINIMUM OF 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY PER ASTM D 1557.
- FOLLOWING APPLICABLE KEY NOTES AND SECTIONS FROM THIS SHEET GRADE TO ACHIEVE ELEVATIONS AS INDICATED PER PLAN.
- PROPOSED CONTOURS AND SPOT ELEVATIONS REPRESENT FINISHED GRADE ELEVATIONS.
- PROJECT FILL SLOPES FOR SEEDED LAWN AREAS BETWEEN THE ACCESS ROAD AND PROPERTY BOUNDARIES SHALL BE BLENDED TO TIE INTO EXISTING GRADES.
- THE TOE OF ANY FILL SLOPE FOR LAWN AREAS SHALL BE SET BACK A MINIMUM OF 2' FROM PROPERTY LINES.
- MAXIMUM SLOPE FOR LAWN AREAS SHALL NOT EXCEED 10% OR 10'H:1'V.

KEY NOTES:

- (A) PROPOSED ASPHALT PAVEMENT SECTION PER DETAIL "A" THIS SHEET.
- (B) PROPOSED GRAVEL SHOULDER SECTION PER DETAIL "B" THIS SHEET.
- (C) PROPOSED SEEDED LAWN MEETING BMP T5.13 PER DETAIL "C" THIS SHEET.
- (D) EXISTING ASPHALT PAVEMENT TO REMAIN IN PLACE.



CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW ACKNOWLEDGMENT

THIS PLAN HAS BEEN REVIEWED AND EVALUATED FOR GENERAL COMPLIANCE WITH THE CITY OF ARLINGTON CODES AND ORDINANCES. CONFORMANCE OF THE DESIGN WITH ALL APPLICABLE LAWS AND REGULATIONS IS THE FULL AND COMPLETE RESPONSIBILITY OF SHEET. ACKNOWLEDGEMENT OF CONSTRUCTION DRAWING REVIEW DOES NOT IMPLY CITY APPROVAL FOR CONSTRUCTION ACTIVITIES THAT REQUIRE OTHER COUNTY, STATE OR FEDERAL PERMIT REVIEW AND APPROVAL. THE PROPERTY OWNER AND LICENSED DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE ACQUISITION AND COMPLIANCE OF ALL APPLICABLE PERMITS AND/OR AUTHORIZATION WHICH MAY INCLUDE, BUT ARE NOT LIMITED TO, WSDFW HYDRAULIC PROJECT APPROVAL (HPA), WSDOE NOTICE OF INTENT (NOI), ARMY CORP OF ENGINEERS FILL PERMITS AND THE REQUIREMENTS OF THE ENDANGERED SPECIES ACT.

BY: _____ DATE: _____
DEVELOPMENT SERVICES MANAGER

THESE APPROVED CONSTRUCTION PLANS EXPIRE AFTER 18 MONTHS FROM THE DATE SHOWN ABOVE OR UPON EXPIRATION OF PRELIMINARY PLAT OR SITE PLAN APPROVAL.

ISSUED FOR CITY OF ARLINGTON PERMITS
NO. 100105778

MICHAEL P. VAUGHAN
REGISTERED PROFESSIONAL ENGINEER
35000824

SNOHOMISH COUNTY
PUD
PUBLIC UTILITY DISTRICT NO. 1

ORDER 100105778
OPERATION
SCALE NOTED
DFTR CL
CHKR
ENGR
APVD
DATE

CROSSWIND SUBSTATION
SUBSTATION GRADING PLAN

REV A DRAWING S-122-C10