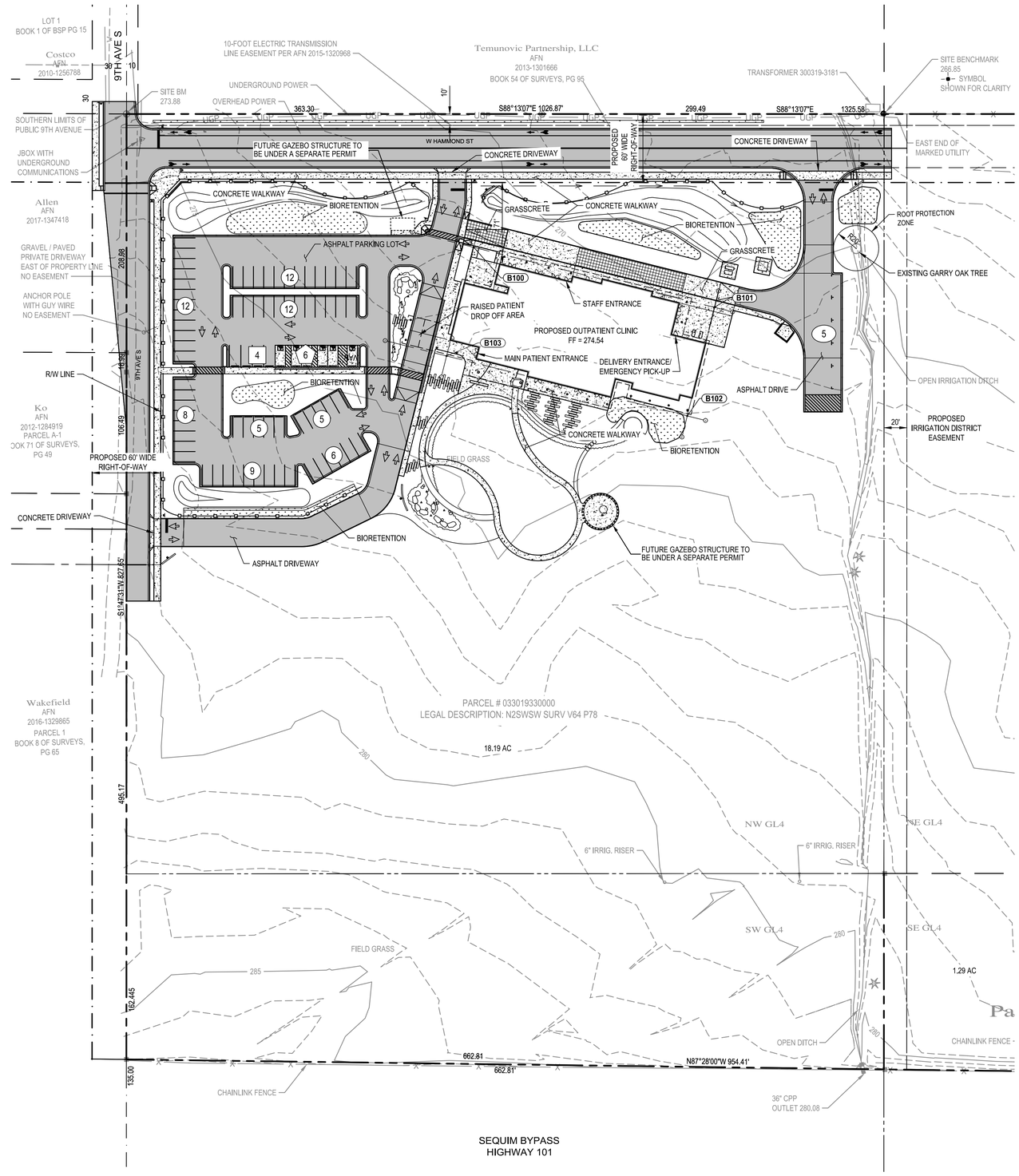
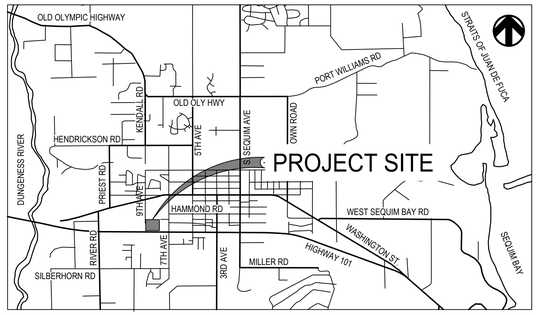
JAMESTOWN S'KLALLAM TRIBE

OUTPATIENT CLINIC

526 S. 9TH AVENUE

SEQUIM, WASHINGTON, CLALLAM COUNTY, USA





LOCATION MAP

NTS

GENERAL NOTES

1. SEE ENLARGED SITE PLAN SHEETS C4.0 AND C4.1 FOR HORIZONTAL CONTROL.
2. SEE UTILITY PLAN SHEETS C5.1 AND C5.2 FOR ALL ABOVE AND BELOW GRADE UTILITIES.

SHEET LIST

SHEET NO	SHEET TITLE
C1.0	OVERALL SITE PLAN
C3.0	OVERALL GRADING AND STORMWATER DRAINAGE PLAN
C3.1	ENLARGED GRADING AND STORMWATER DRAINAGE PLAN - WEST
C3.2	ENLARGED GRADING AND STORMWATER DRAINAGE PLAN - EAST
C3.3	SITE CROSS SECTIONS
C4.0	ENLARGED SITE PLAN - WEST
C4.1	ENLARGED SITE PLAN -EAST
C5.0	OVERALL UTILITY PLAN
C5.1	ENLARGED UTILITY PLAN - WEST
C5.2	ENLARGED UTILITY PLAN - EAST
C7.0	CIRCULATION PLAN

PARKING DATA

PARKING REQUIRED:

TOTAL STALLS: 1 STALL/200 NET SF = 14,285 NET SF/200SF = 71.4 = 72 STALLS

ADA STALLS: 1 ADA STALL/25 STALLS = 72 STALLS/25 STALLS = 2.88 = 3 STALLS

PARKING PROVIDED:

SYMBOL	DESCRIPTION	COUNT
#	OVERSIZED STALLS (10'x19') =	4
#	STANDARD STALLS (9'x19') =	69
#	ADA STALLS (INCLUDING 1 VAN STALL) =	6
#	PARALLEL PARKING STALLS (9'x20')=	5
	TOTAL STALLS =	84

BUILDING GRID COORDINATE TABLE

POINT ID	NORTHING	EASTING
B100	400712.28	1080820.65
B101	400653.26	1081029.47
B102	400558.95	1081002.81
B103	400617.97	1080793.99

LEGEND

PROPERTY LINE

SECTION LINE

EASEMENT LINE

50 25 0 50 100

SCALE: 1 INCH = 50 FEET

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ALLISON L. HEIN
STATE OF WASHINGTON
45458
REGISTERED PROFESSIONAL ENGINEER
01/10/2020

PRELIMINARY

JAMESTOWN S'KLALLAM TRIBE
OUTPATIENT CLINIC
SEQUIM, WASHINGTON

DESIGN REVIEW APPLICATION

REV	DATE	DESCRIPTION

PROJ. NO. 191652

DRAWN KB

CHECKED ALH

DATE JAN 10, 2020

© COFFMAN ENGINEERS INC.

SHEET TITLE:

OVERALL SITE PLAN

SHEET NO:

C1.0

SHEET OF

Jamestown S'Klallam Tribe Topographic Survey

located in Section 19, Township 30 North, Range 3 West, W.M.
Clallam County, Washington
July, 2019

LEGEND

- 05/03/2019, FOUND 5/8–INCH REBAR WITH CAP "CLALLAM PUD PLS 23603" AT N58°51'W, 0.60. SEE DNR PERMIT TO DESTROY MONUMENT NO. 5720
- MAY 2–7, 2019, FOUND 1/2–INCH REBAR WITH PLASTIC CAP STAMPED "DC&A LS 22329" OR "CUMMINS LS 22329" PER SURVEYS LISTED HEREON
- MAY 7, 2019, FOUND 5/8–INCH REBAR WITH PLASTIC CAP STAMPED "CLARK 12223" PER BOOK 13 OF PLATS, PAGES 20–21
- MAY 2, 2019, FOUND 3/8–INCH REBAR IN PAVEMENT
- AFN — CLALLAM COUNTY AUDITOR'S FILE NUMBER OF RECORD LEGAL DESCRIPTION
- HES — HIGHWAY ENGINEERS STATION
- BARBED WIRE FENCE, U.N.O.
- EDGE OF PAVEMENT
- OPEN DITCH

DATUM

HORIZONTAL
– NORTH AMERICAN DATUM OF 1983, 1991 ADJUSTMENT, NAD 83(91)

VERTICAL
– NORTH AMERICAN VERTICAL DATUM OF 1988, NAVD 88

SITE BENCHMARKS AS NOTED

NOTES

1. THIS SURVEY USES THE SECTION SUBDIVISION AS SHOWN ON BOOK 61 OF SURVEYS, PAGE 13 AND BOOK 39 OF SURVEYS, PAGE 86 AND IS BASED ON THE WASHINGTON COORDINATE SYSTEM GRID, NORTH ZONE, NAD 83(91) PER TIES TO GEOMPT NUMBERS 03301931, 03303021 AND 04302441. ALL BEARINGS ARE RELATIVE TO SAID GRID. ALL DISTANCES ARE REDUCED TO SAID GRID USING A COMBINED SCALE FACTOR OF 0.9999328. TO OBTAIN GROUND DISTANCES, MULTIPLY DISTANCES SHOWN HEREON BY 1.0000672.

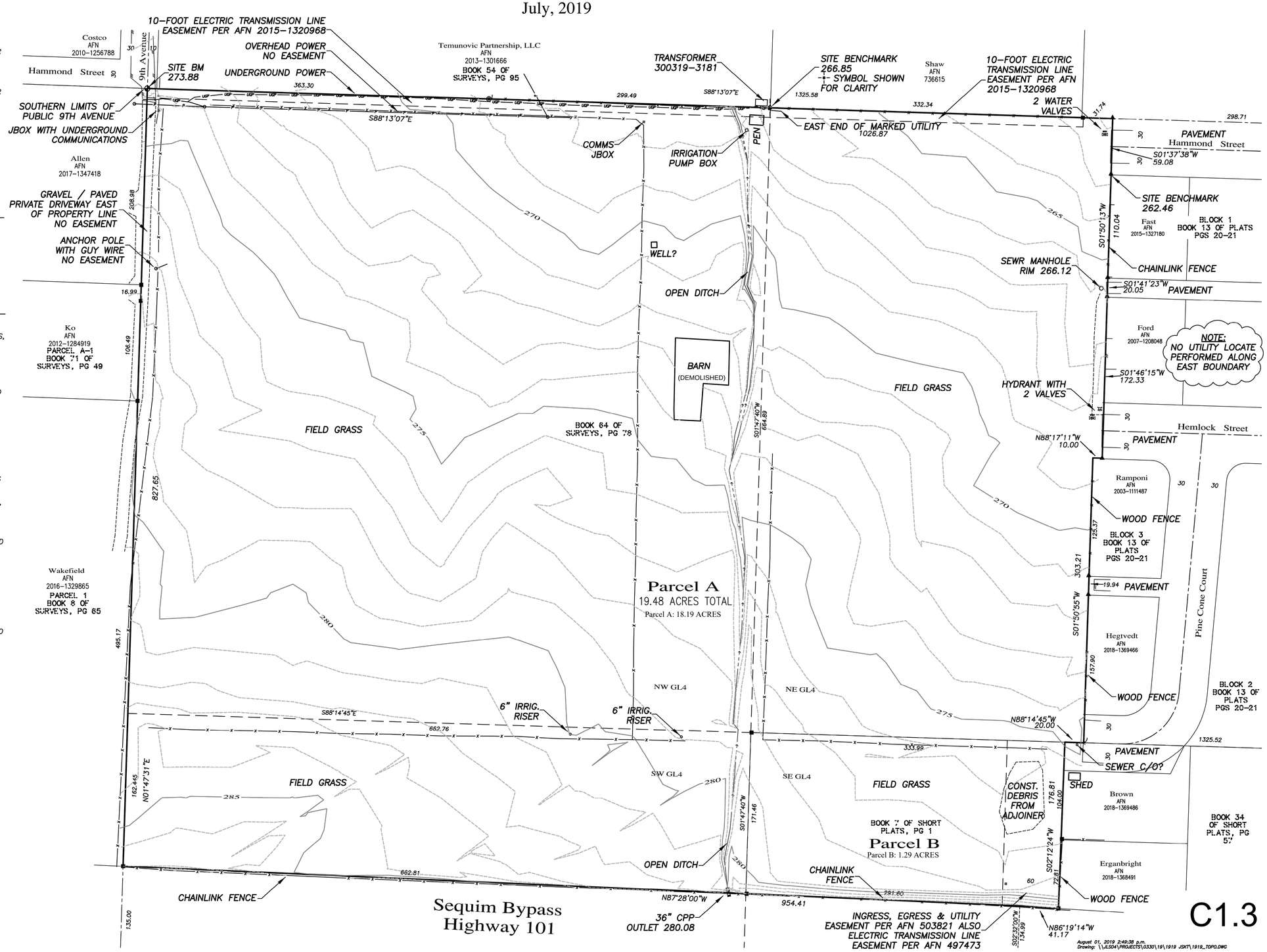
2. FOR LEGAL DESCRIPTION AND EASEMENTS, SEE AFN 2019–1379179 AND OLD REPUBLIC TITLE REPORT ORDER NO. 114860–DF, DATED 03/26/2019.

3. THIS SURVEY COMPLIES WITH W.A.C. 332–130–100 AND WAS ACCOMPLISHED IN MAY–JULY, 2019 BY FIELD TRAVERSE METHODS USING A TOPCON GPT 9001A 1–SECOND ROBOTIC TOTAL STATION CALIBRATED AT THE CLALLAM COUNTY BASELINE ON SEPTEMBER 17, 2015. SOME DISTANCES MEASURED WITH A STEEL TAPE.

4. THIS SURVEY WAS PERFORMED ACCORDING TO W.A.C. 332–130–090 STANDARDS FOR LAND BOUNDARY SURVEYS. THIS SURVEY WAS NOT PERFORMED OR CERTIFIED TO MEET THE CURRENT "MINIMUM STANDARD DETAIL REQUIREMENTS" OR "ACCURACY STANDARDS" FOR ALTA/ACSM LAND TITLE SURVEYS. THEREFORE, USE OF THIS MAP FOR THE ISSUANCE OF AN ALTA/ACSM OWNER'S EXTENDED COVERAGE POLICY IS STRICTLY PROHIBITED.

5. THE SURVEYED PARCEL MAY BE SUBJECT TO EASEMENTS OR OTHER ENCUMBRANCES EITHER RECORDED OR UNRECORDED NOT SHOWN HEREON. THIS SURVEY HAS NOT DETERMINED THE EXISTENCE OF ALL SUCH EASEMENTS OR ENCUMBRANCES OR THEIR EFFECT ON THE SURVEYED PARCEL EXCEPT AS SPECIFICALLY SHOWN HEREON.

6. THE UTILITIES SHOWN HEREON ARE BASED ON AND UTILITY LOCATE NO. 193200557 AND ABOVE GROUND OBSERVATIONS. THESE LOCATIONS SHOULD BE CONSIDERED APPROXIMATE AND POSSIBLY INCOMPLETE.



0 50 100
SCALE IN FEET
1–FOOT CONTOUR INTERVAL

JOHNSTON Land Surveying
540 W. Eighth Street, Port Angeles, WA 98362
360.452.0237 office, 360.452.0238 fax
www.johnstonlandsurveying.com

19(30–3)

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR LICENSED TO PRACTICE IN THE STATE OF WASHINGTON AND DECLARE THAT THIS MAP CORRECTLY REPRESENTS A SURVEY PERFORMED UNDER MY SUPERVISION AT THE REQUEST OF THE JAMESTOWN S'KLALLAM TRIBE IN MAY, 2019.

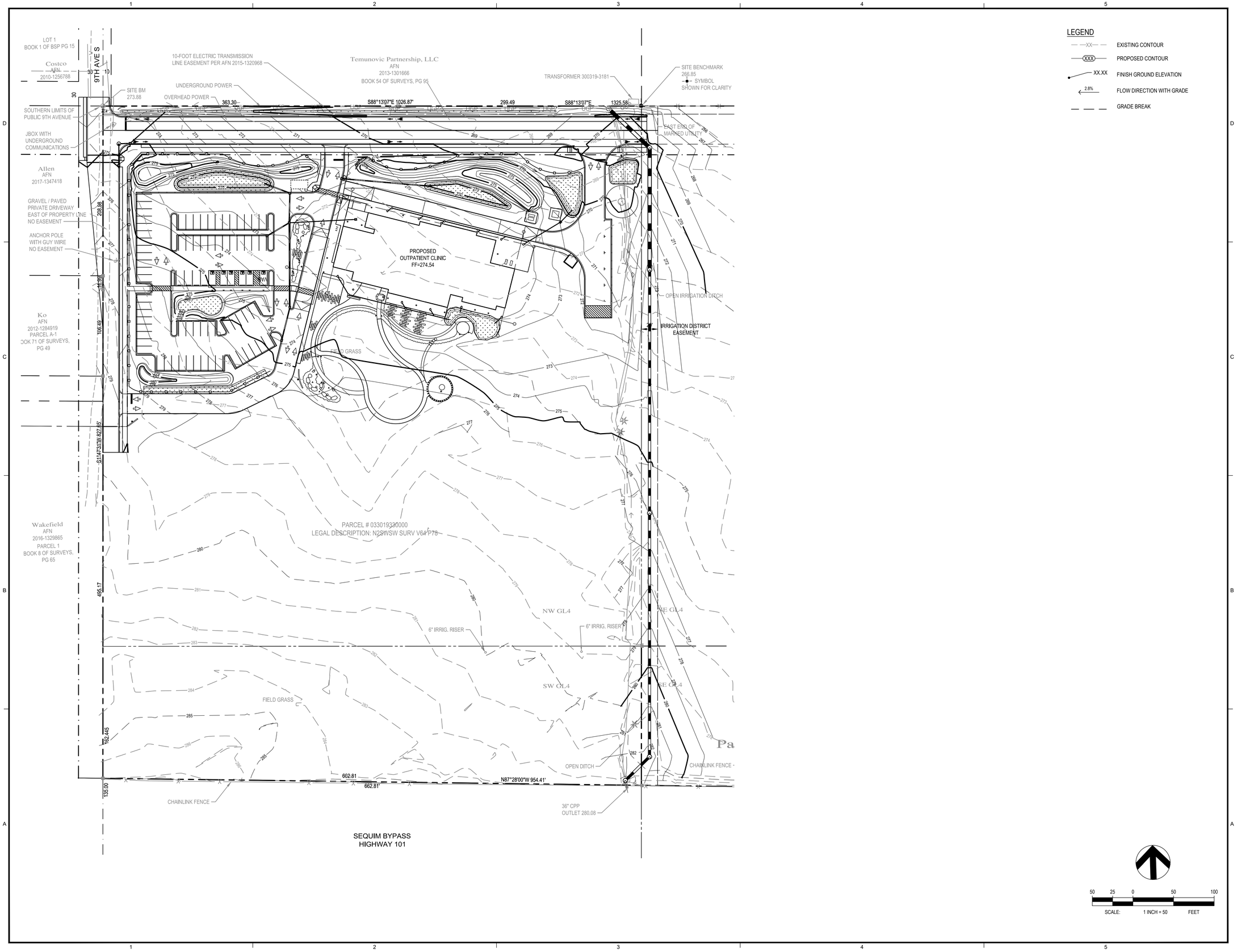
08/01/2019
ROB JOHNSTON PLS 37531

ROB JOHNSTON — REGISTERED PROFESSIONAL LAND SURVEYOR — STATE OF WASHINGTON — 37531

A SURVEY IN GOVERNMENT LOT 4, SECTION 19
TOWNSHIP 30 NORTH, RANGE 4 WEST, W.M.
CLALLAM COUNTY, WASHINGTON

Former "Dawley Property"
Proposed MAT Facilty
Topographic Survey, July 2019

DATE: 1/30/2018	
SCALE: 1"=50'	
DRAWN BY: RHJ	
PLAT CHECKED BY: RHJ	
SHEET 1 OF 1	



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REGISTERED PROFESSIONAL ENGINEER
01/10/2020

PRELIMINARY

JAMESTOWN S'KLALLAM
TRIBE
OUTPATIENT CLINIC
SEQUIM, WASHINGTON

DESIGN REVIEW
APPLICATION

REV	DATE	DESCRIPTION

PROJ. NO.	191652
DRAWN	MG
CHECKED	ALH
DATE	JAN 10, 2020

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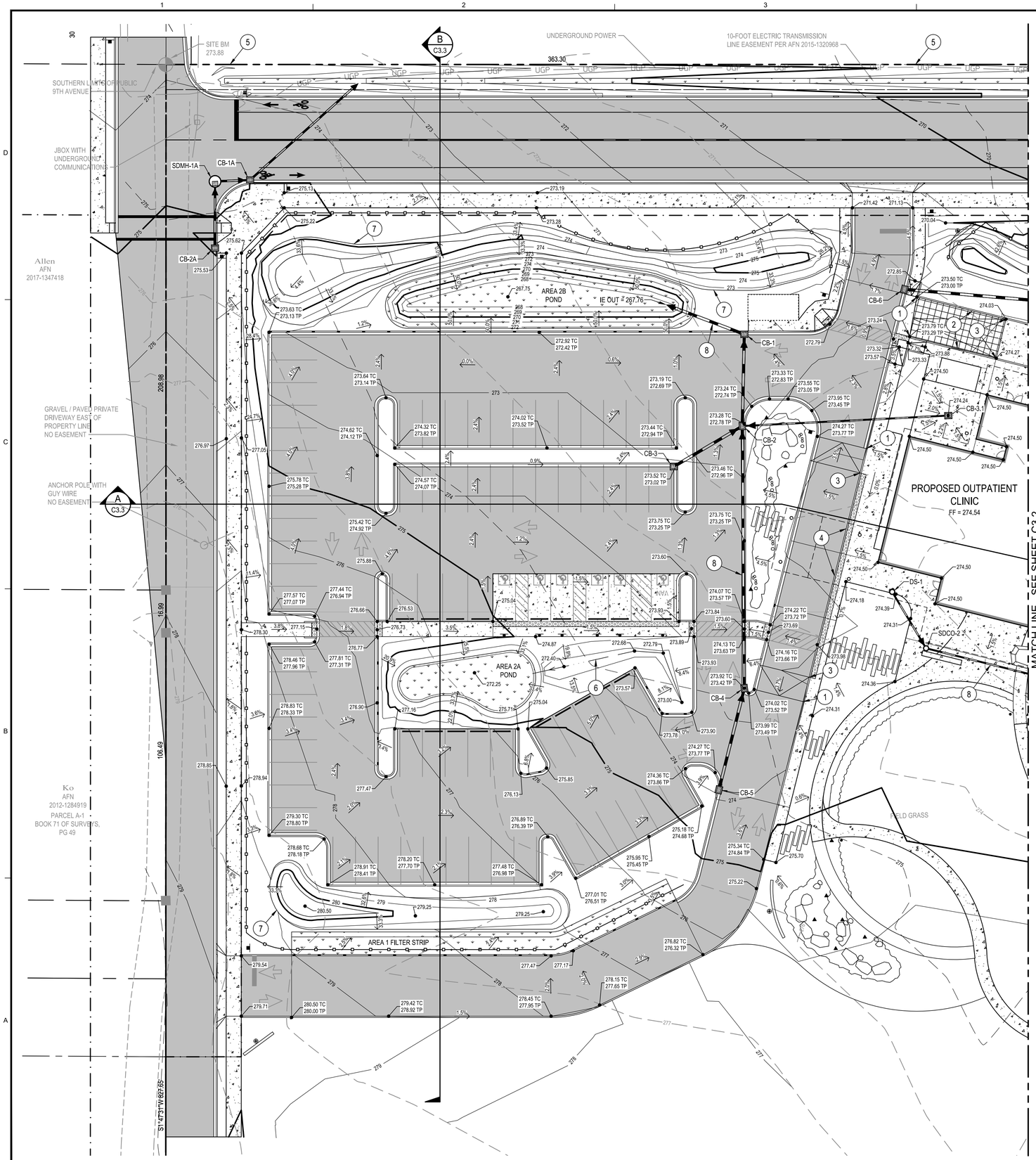
SHEET TITLE:

OVERALL
GRADING
AND
STORMWATER
DRAINAGE
PLAN

SHEET NO:

C3.0

SHEET OF



LEGEND

—XX—	EXISTING CONTOUR
—(XXX)—	PROPOSED CONTOUR
XX.XX	FINISH GROUND ELEVATION
2.8%	FLOW DIRECTION WITH GRADE
— — —	GRADE BREAK

GRADING NOTES

1. BEGIN 6" CURB
2. TRANSITION FROM 6" CURB TO FLUSH CURB
3. BEGIN FLUSH CURB
4. SIDEWALK FLUSH WITH PAVEMENT
5. MATCH EXISTING GRADE
6. SWALE
7. BERM, PER LANDSCAPE ARCHITECT'S PLANS
8. STORM SYSTEM, REFER TO C5.1 & C5.2
9. HAND GRADING ONLY WITHIN DRIPLINE OF EXISTING TREE

SCALE: 1 INCH = 20 FEET

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DATE	JAN 10, 2020

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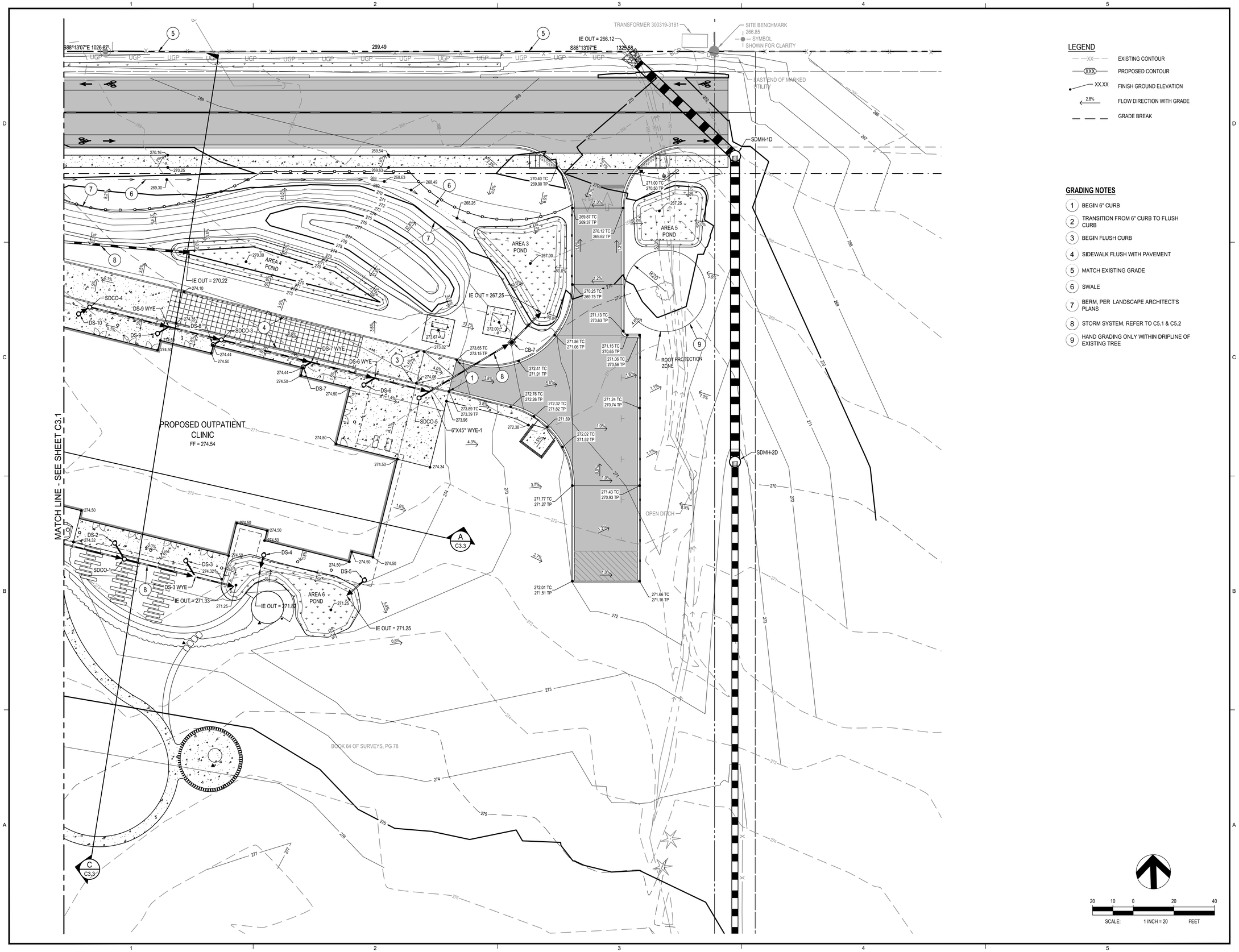
SHEET TITLE:

ENLARGED GRADING AND STORMWATER DRAINAGE PLAN - WEST

SHEET NO:

C3.1

SHEET OF



LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- XX.XX FINISH GROUND ELEVATION
- 2.8% FLOW DIRECTION WITH GRADE
- GRADE BREAK

GRADING NOTES

1. BEGIN 6" CURB
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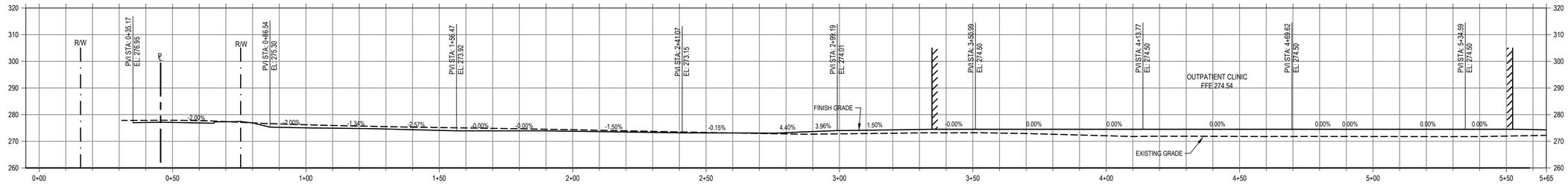
SHEET TITLE:

ENLARGED GRADING AND STORMWATER DRAINAGE PLAN - EAST

SHEET NO:

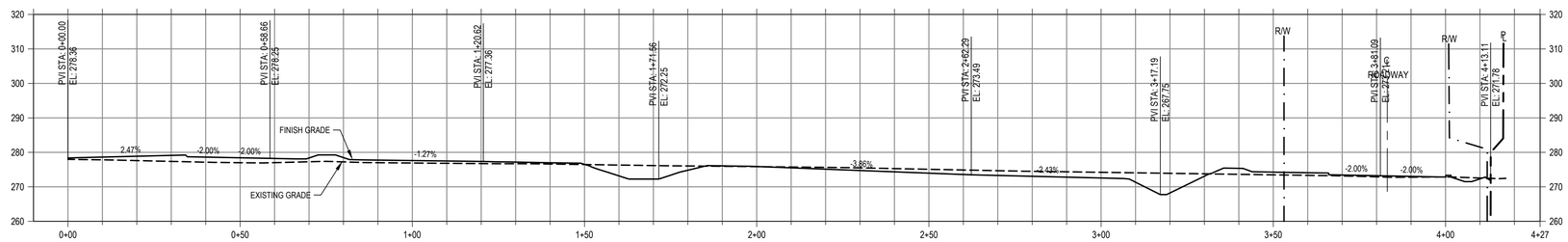
C3.2

SHEET OF



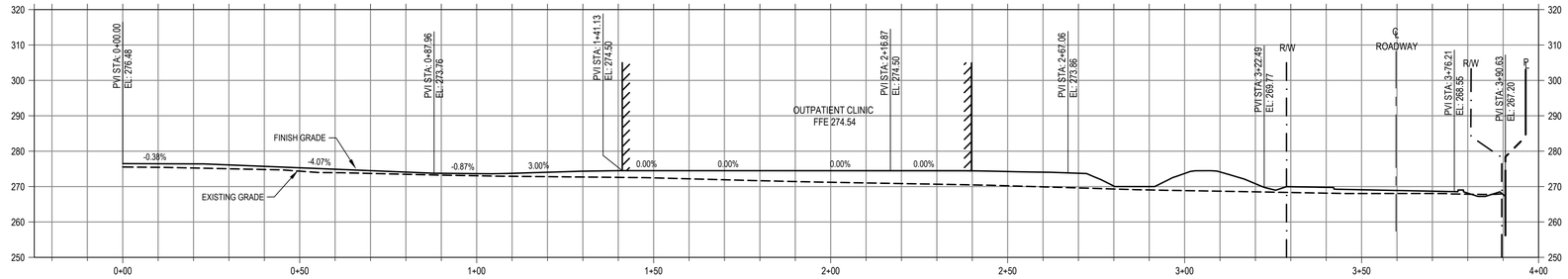
A C3.0 SITE - SECTION A

SCALE: 1" = 20' HORIZ & VERT



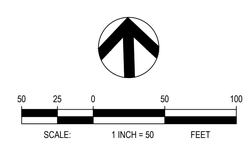
B C3.1 SITE - SECTION B

SCALE: 1" = 20' HORIZ & VERT



C C3.2 SITE - SECTION C

SCALE: 1" = 20' HORIZ & VERT



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PROJ. NO.	191652
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CHECKED	XXX
DATE	JAN 10, 2020

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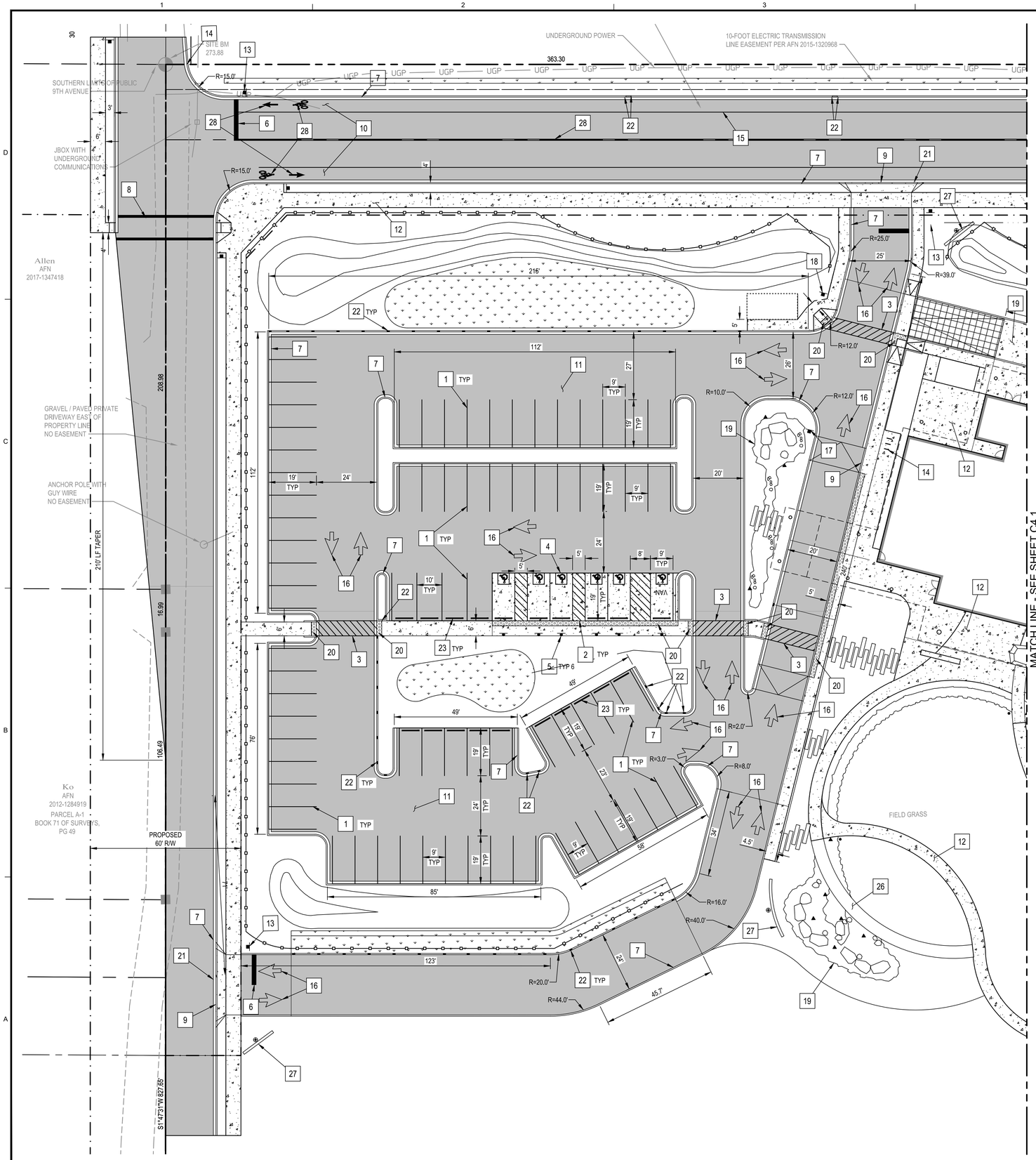
SHEET TITLE:

SITE CROSS SECTIONS

SHEET NO:

C3.3

SHEET OF



LEGEND

- CONCRETE SIDEWALK PER DETAIL 3, SHEET C4.2
- ASPHALT PAVEMENT PER DETAIL 2, SHEET C4.2
- GRASSCRETE PER LANDSCAPE ARCHITECT
- BIORETENTION PER DETAIL 3, SHEET C5.5
- FENCE
- LIGHT POLE
- DECORATIVE LIGHT BOLLARDS
- FIRE HYDRANT
- GROUND SPOT LIGHT
- SIGN

HORIZONTAL CONTROL NOTES

1. SITE DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, CENTER OF BOLLARD, CENTER OF PAINT STRIPE, AND EDGE OF PAVEMENT.
2. SITE COORDINATES ARE TO EDGE OF PAVEMENT OR EDGE OF SIDEWALK.
3. SIDEWALK DIMENSIONS ARE TO BACK OF CURB, EDGE OF PAVEMENT, AND FACE OF BUILDING.
4. CHANNELIZATION SHALL BE INSTALLED PER WSDOT STANDARD SECTION M.

PAVING AND STRIPING NOTES

1. PARKING LOT STALL STRIPING TO BE 4" SOLID WHITE (TYPICAL)
2. ADA STALL ACCESS AISLE TO BE 4" SOLID WHITE STRIPING AT 45° AT 2' O.C., SEE DETAIL 5, SHEET C4.2
3. CROSSWALK PER DETAIL 8, SHEET C4.2
4. ACCESS PARKING SPACE SYMBOL (STANDARD) PER WSDOT STD PLAN M-24.60-04 (TYPICAL)
5. ADA ACCESSIBLE PARKING SIGN PER MUTCD AND STATE LAWS AND REGULATIONS. SEE DETAIL 7,SHEET C4.2
6. 1'-6" WIDE STOP BAR PER WSDOT M-24.60-04
7. CONCRETE TRAFFIC CURB PER DETAIL 2, SHEET C4.3
8. CROSSWALK PER WSDOT STD M-15.10-01
9. FLUSH CURB, SEE SHEET C3.0 FOR TRANSITION TO TRAFFIC CURB
10. BICYCLE TRAVEL LANE
11. ASPHALT PAVEMENT PER DETAIL 2, SHEET C4.2
12. CONCRETE SIDEWALK PER DETAIL 3, SHEET C4.2
13. "STOP SIGN" PER MUTCD R1-1 INSTALLED PER WSDOT STD PLAN G-22.10-04
14. BICYCLE RACK. SEE LANDSCAPE PLANS.
15. 4" WIDE WHITE SOLID LANE LINE
16. DIRECTIONAL ARROW PER DETAIL 4, SHEET C4.3
17. "DO NOT ENTER" SIGN PER MUTCD R5-1 INSTALLED PER WSDOT STD PLAN G.22.10-04
18. "RIGHT TURN ONLY" SIGN
19. CONCRETE PAVING PER DETAIL6, SHEET C4.3
20. DETECTABLE WARNING SURFACE PER DETAIL 3, SHEET C4.3
21. CONCRETE DRIVEWAY PER DETAIL
22. NOSE DOWN CURB PER DETAIL 5, SHEET C4.3
23. CONCRETE WHEEL STOP PER DETAIL 4 SHEET C4.2
24. TRASH ENCLOSURE. SEE ARCHITECTURAL AND STRUCTURAL PLANS.
25. NO PARKING STRIPING PER DETAIL 5, SHEET C4.2
26. SURFACE MATERIAL PER LANDSCAPE ARCHITECT
27. MONUMENT SIGN PER LANDSCAPE ARCHITECT
28. SEE ROADWAY PLAN, SHEETC6.0

SCALE: 1 INCH = 20 FEET

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ALLISON L. HUNTER, STATE OF WASHINGTON, 45458, REGISTERED PROFESSIONAL ENGINEER
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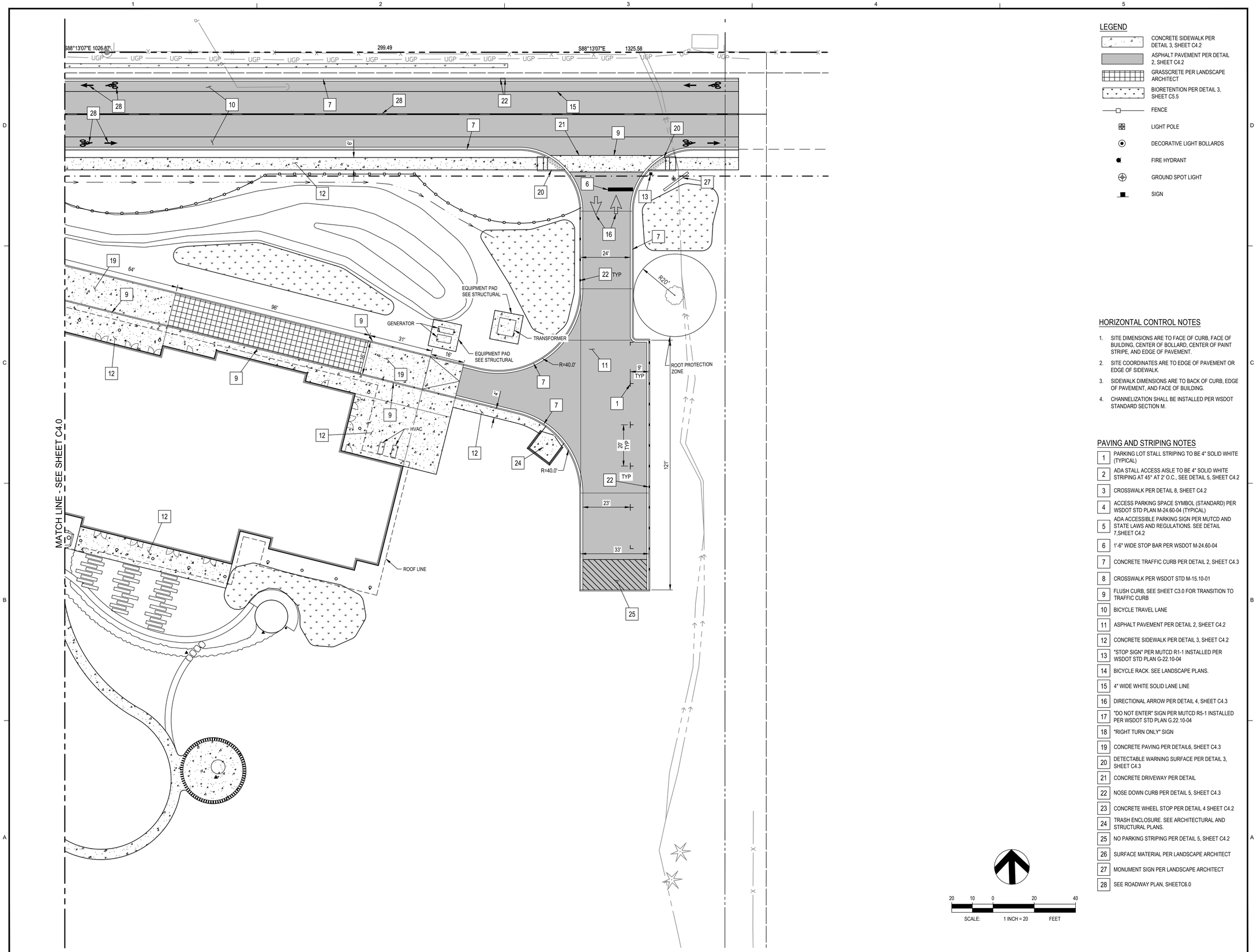
ENLARGED SITE PLAN - WEST

SHEET NO:

C4.0

SHEET OF



LEGEND

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- ASPHALT PAVEMENT PER DETAIL 2, SHEET C4.2
- GRASSCRETE PER LANDSCAPE ARCHITECT
- BIORETENTION PER DETAIL 3, SHEET C5.5
- FENCE
- LIGHT POLE
- DECORATIVE LIGHT BOLLARDS
- FIRE HYDRANT
- GROUND SPOT LIGHT
- SIGN

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2. SITE COORDINATES ARE TO EDGE OF PAVEMENT OR EDGE OF SIDEWALK.
3. SIDEWALK DIMENSIONS ARE TO BACK OF CURB, EDGE OF PAVEMENT, AND FACE OF BUILDING.
4. CHANNELIZATION SHALL BE INSTALLED PER WSDOT STANDARD SECTION M.

PAVING AND STRIPING NOTES

1. PARKING LOT STALL STRIPING TO BE 4" SOLID WHITE (TYPICAL)
2. ADA STALL ACCESS AISLE TO BE 4" SOLID WHITE STRIPING AT 45° AT 2' O.C., SEE DETAIL 5, SHEET C4.2
3. CROSSWALK PER DETAIL 8, SHEET C4.2
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28. SEE ROADWAY PLAN, SHEETC6.0

20 10 0 20 40

SCALE: 1 INCH = 20 FEET

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DESIGN REVIEW APPLICATION

REV	DATE	DESCRIPTION

PROJ. NO.	191652
DRAWN	KB
CHECKED	ALH
DATE	JAN 10, 2020

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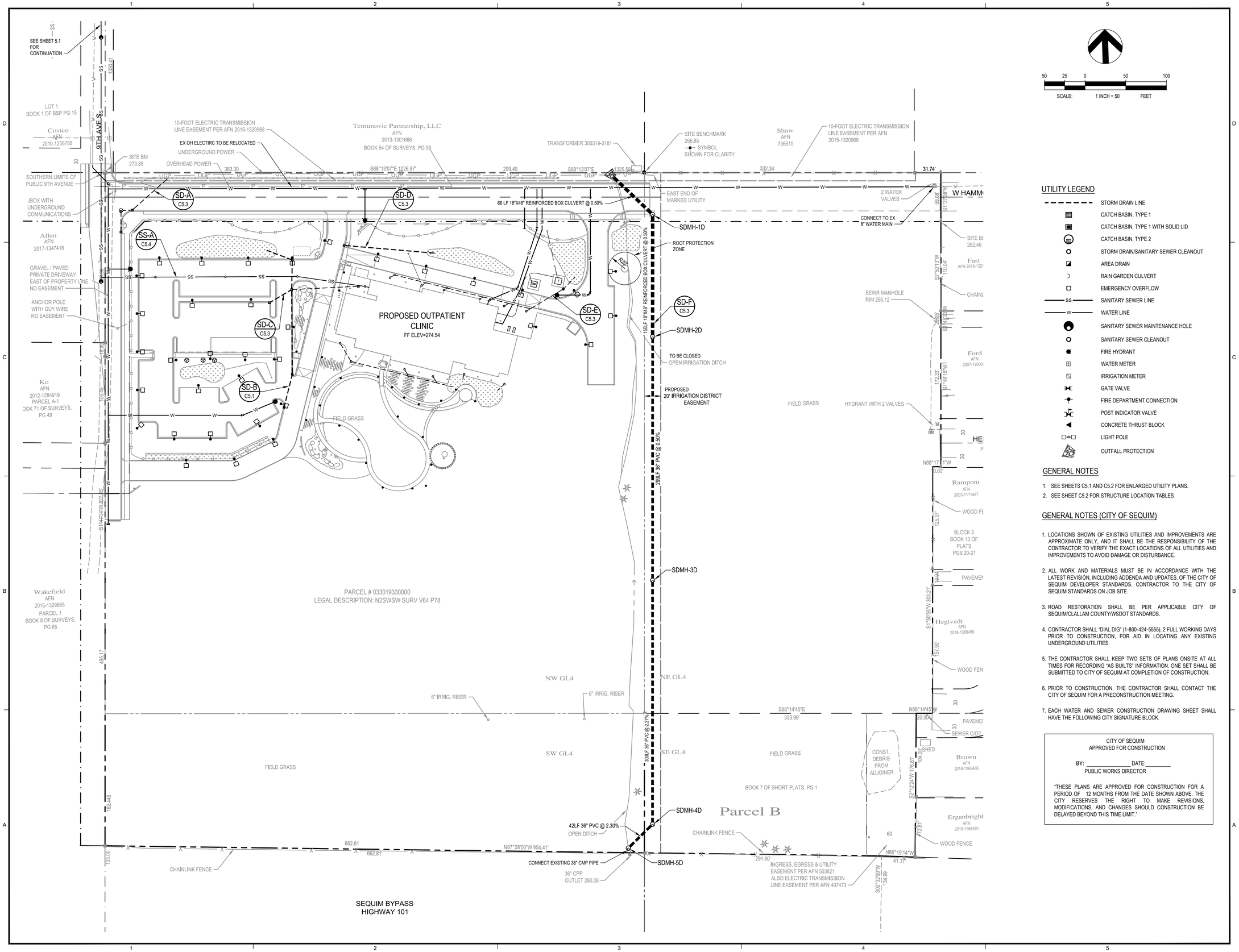
SHEET TITLE:

ENLARGED SITE PLAN -EAST

SHEET NO:

C4.1

SHEET OF



50 25 0 50 100
SCALE: 1 INCH = 50 FEET

UTILITY LEGEND

- STORM DRAIN LINE
- CATCH BASIN, TYPE 1
- CATCH BASIN, TYPE 1 WITH SOLID LID
- CATCH BASIN, TYPE 2
- STORM DRAIN/SANITARY SEWER CLEANOUT
- AREA DRAIN
- RAIN GARDEN CULVERT
- EMERGENCY OVERFLOW
- SANITARY SEWER LINE
- WATER LINE
- SANITARY SEWER MAINTENANCE HOLE
- SANITARY SEWER CLEANOUT
- FIRE HYDRANT
- WATER METER
- IRRIGATION METER
- GATE VALVE
- FIRE DEPARTMENT CONNECTION
- POST INDICATOR VALVE
- CONCRETE THRUST BLOCK
- LIGHT POLE
- OUTFALL PROTECTION

GENERAL NOTES

1. SEE SHEETS C5.1 AND C5.2 FOR ENLARGED UTILITY PLANS.
2. SEE SHEET C5.2 FOR STRUCTURE LOCATION TABLES

GENERAL NOTES (CITY OF SEQUIM)

1. LOCATIONS SHOWN OF EXISTING UTILITIES AND IMPROVEMENTS ARE APPROXIMATE ONLY, AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT LOCATIONS OF ALL UTILITIES AND IMPROVEMENTS TO AVOID DAMAGE OR DISTURBANCE.
2. ALL WORK AND MATERIALS MUST BE IN ACCORDANCE WITH THE LATEST REVISION, INCLUDING ADDENDA AND UPDATES, OF THE CITY OF SEQUIM DEVELOPER STANDARDS. CONTRACTOR TO THE CITY OF SEQUIM STANDARDS ON JOB SITE.
3. ROAD RESTORATION SHALL BE PER APPLICABLE CITY OF SEQUIM/CLALLAM COUNTY/WSDOT STANDARDS.
4. CONTRACTOR SHALL "DIAL DIG" (1-800-424-5555), 2 FULL WORKING DAYS PRIOR TO CONSTRUCTION, FOR AID IN LOCATING ANY EXISTING UNDERGROUND UTILITIES.
5. THE CONTRACTOR SHALL KEEP TWO SETS OF PLANS ONSITE AT ALL TIMES FOR RECORDING "AS BUILTS" INFORMATION. ONE SET SHALL BE SUBMITTED TO CITY OF SEQUIM AT COMPLETION OF CONSTRUCTION.
6. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE CITY OF SEQUIM FOR A PRECONSTRUCTION MEETING.
7. EACH WATER AND SEWER CONSTRUCTION DRAWING SHEET SHALL HAVE THE FOLLOWING CITY SIGNATURE BLOCK.

CITY OF SEQUIM
APPROVED FOR CONSTRUCTION

BY: _____ DATE:_____
PUBLIC WORKS DIRECTOR

"THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF 12 MONTHS FROM THE DATE SHOWN ABOVE. THE CITY RESERVES THE RIGHT TO MAKE REVISIONS, MODIFICATIONS, AND CHANGES SHOULD CONSTRUCTION BE DELAYED BEYOND THIS TIME LIMIT."

COFFMAN ENGINEERS
1101 2nd Avenue, Suite 400
Seattle, WA 98101
ph 206.623.0717
www.coffman.com

ALLISON L. HEIN
STATE OF WASHINGTON
45458
REGISTERED PROFESSIONAL ENGINEER
01/10/2020

PRELIMINARY

JAMESTOWN S'KLALLAM TRIBE
OUTPATIENT CLINIC
SEQUIM, WASHINGTON

DESIGN REVIEW APPLICATION

REV	DATE	DESCRIPTION

PROJ. NO.	191652
DRAWN	MG
CHECKED	ALH
DATE	JAN 10, 2020

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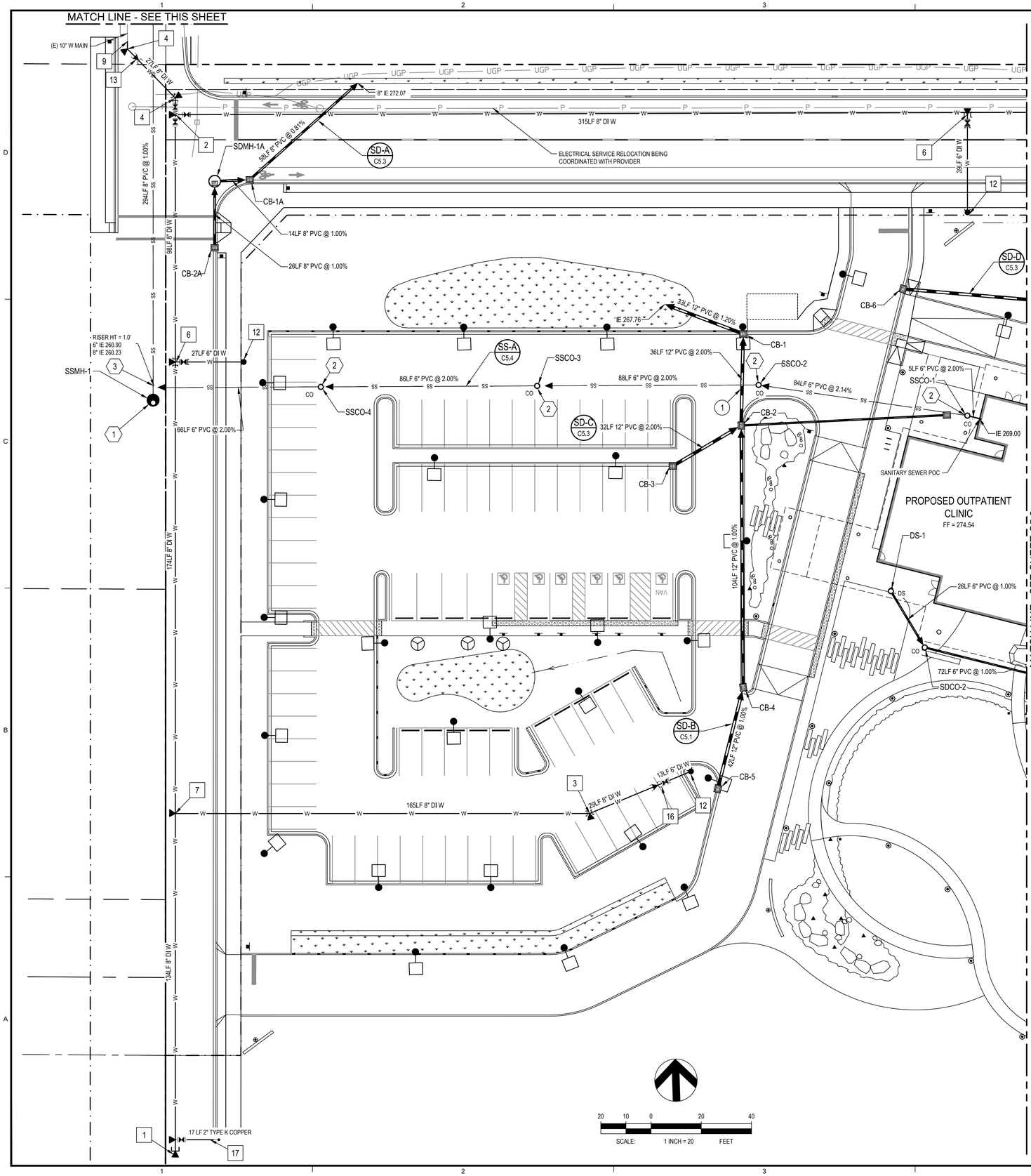
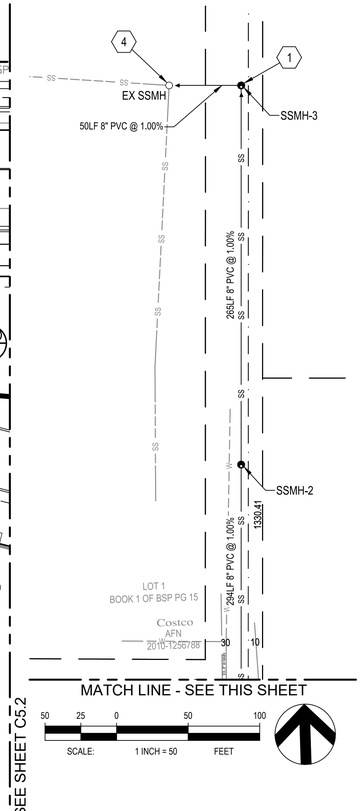
SHEET TITLE:
OVERALL UTILITY PLAN

SHEET NO:
C5.0

SHEET OF





GENERAL NOTES

1. SEE SHEET C5.2 FOR STORM DRAINAGE AND SANITARY SEWER STRUCTURE LOCATION TABLE.
2. WATER SYSTEM APPERTUNANCES PER CITY OF SEQUIM DEVELOPER STANDARDS
3. WATER MAINS AND SERVICE LEADS SHALL HAVE A MINIMUM OF 3.5 FEET OF COVER.
4. EXISTING 10" WATER MAIN ON 9TH AVE LOCATION TO BE VERIFIED. MAINTAIN 10' HORIZONTAL SEPERATION BETWEEN SANITARY SEWER.
5. CONNECT PERIMETER DRAINS INTO GRAVITY STORM WATER SYSTEM AS REQUIRED. IF REQUIRED DEPTH OF FOOTING DRAIN IS BELOW INVERT, A PUMP STATION FOR THE PERIMETER DRAINS WILL BE REQUIRED.
6. CONNECT DOWNSPOUTS AND/OR ROOF DRAINS TO GRAVITY STORM SYSTEM AS REQUIRED.
7. THE CONTRACTOR SHALL COORDINATE WITH THE AUTHORITIES HAVING JURISDICTION FOR ALL REQUIREMENTS AND TO CONFIRM THAT AN ADEQUATE DEPTH OF COVER IS MAINTAINED OVER THE UTILITIES, INCLUDING CLEARANCES BETWEEN THE VARIOUS UTILITIES.

UTILITY LEGEND

- STORM DRAIN LINE
- CATCH BASIN, TYPE 1
- CATCH BASIN, TYPE 1 WITH SOLID LID
- CATCH BASIN, TYPE 2
- DS STORM DOWNSPOUT
- AREA DRAIN
- RAIN GARDEN CULVERT
- EMERGENCY OVERFLOW
- SS SANITARY SEWER
- W WATER
- SANITARY SEWER MANHOLE
- CO STORM/SANITARY SEWER CLEANOUT
- FIRE HYDRANT
- WATER METER
- IRRIGATION METER
- GATE VALVE
- FIRE DEPARTMENT CONNECTION
- POST INDICATOR VALVE
- CONCRETE THRUST BLOCK
- LIGHT POLE
- REDUCER
- BLOWOFF ASSEMBLY

WATER INSTALLATION NOTES

1	(1) 8" CAP CONCRETE BLOCKING
2	(1) 8" TEE (3) 8" GATE VALVE (MJxFL) CONCRETE BLOCKING
3	(1) 8" 22.5° BEND CONCRETE BLOCKING
4	(1) 8" 45° BEND CONCRETE BLOCKING
5	(1) 6" 45° BEND CONCRETE BLOCKING
6	(1) 8"x6" TEE (1) 8" GATE VALVE (MJ X FL) CONCRETE BLOCKING
7	(1) 8"X8" TEE CONCRETE BLOCKING
8	(1) 8"x2" TAP CONCRETE BLOCKING
9	CONNECT TO EXISTING 10" WATER MAIN
10	SEE SHEET C5.0 FOR WATERLINE CONTINUATION
11	IRRIGATION WATER METER AND METER BOX, 1.5" METER AND 2" SERVICE
12	6" FIRE HYDRANT ASSEMBLY PER CITY OF SEQUIM DEVELOPER STD V-W2
13	(1) 8"X10" REDUCER
14	2" DOMESTIC WATER METER AND METER BOX
15	(1) 6" 22.5° BEND CONCRETE BLOCKING
16	(1) 8"X6" REDUCER (1) 6" GATE VALVE
17	(1) 8" X 4" TAP (1) 4" GATE VALVE (1) BLOWOFF ASSEMBLY PER CITY OF SEQUIM DEVELOPER STANDARD V-W7

SEWER INSTALLATION NOTES

1. SANITARY SEWER MANHOLE PER CITY OF SEQUIM DEVELOPER STANDARDS V-SFA AND V-S4B
2. SANITARY SEWER CLEANOUT PER CITY OF SEQUIM DEVELOPER STANDARDS V-S16
3. (1) 8"X6" WYE
   SIDE SEWER CONNECTION PER CITY OF SEQUIM DEVELOPER STANDARD V-S11
4. CONNECTION DEPTH TO BE VERIFIED

STORM INSTALLATION NOTES

1. AT CROSSINGS, PROVIDE A MINIMUM VERTICAL CLEARANCE OF 18 INCHES BETWEEN WATER PIPE (ABOVE) AND PIPE CARRYING NON-POTABLE WATER (BELOW). IF CLEARANCE LESS THAN THOSE STATED INSTALL SLEEVE ON NON-POTABLE LINE. THE SLEEVE PIPE SHALL BE ONE (1) SIZE LARGER THAN THE CONSTRUCTION PIPE. THE SLEEVE SHALL BE AT LEAST TWENTY (20) FEET IN LENGTH AND CENTERED ON THE CROSSING TO PROVIDE FOR A MINIMUM HORIZONTAL SEPARATION OF TEN (10) FEET EACH SIDE OF THE CROSSING, MEASURED PERPENDICULAR TO THE CROSSED LINE. EACH END OF THE SLEEVE SHALL BE SEALED WITH A FERNCO RUBBER COUPLER.
2. SEE SHEET C5.0 FOR IRRIGATION SYSTEM REROUTE DESIGN.

GENERAL NOTES

1. LOCATIONS SHOWN OF EXISTING UTILITIES AND IMPROVEMENTS ARE APPROXIMATE ONLY, AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT LOCATIONS OF ALL UTILITIES AND IMPROVEMENTS TO AVOID DAMAGE OR DISTURBANCE.
2. ALL WORK AND MATERIALS MUST BE IN ACCORDANCE WITH THE LATEST REVISION, INCLUDING ADDENDA AND UPDATES, OF THE CITY OF SEQUIM DEVELOPER STANDARDS. CONTRACTOR TO THE CITY OF SEQUIM STANDARDS ON JOB SITE.
3. ROAD RESTORATION SHALL BE PER APPLICABLE CITY OF SEQUIM/CLALLAM COUNTY/WSDOT STANDARDS.
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PRELIMINARY

JAMESTOWN S'KLALLAM TRIBE
OUTPATIENT CLINIC
SEQUIM, WASHINGTON

DESIGN REVIEW APPLICATION

REV	DATE	DESCRIPTION

PROJ. NO.	191652
DRAWN	MG
CHECKED	ALH
DATE	JAN 10, 2020

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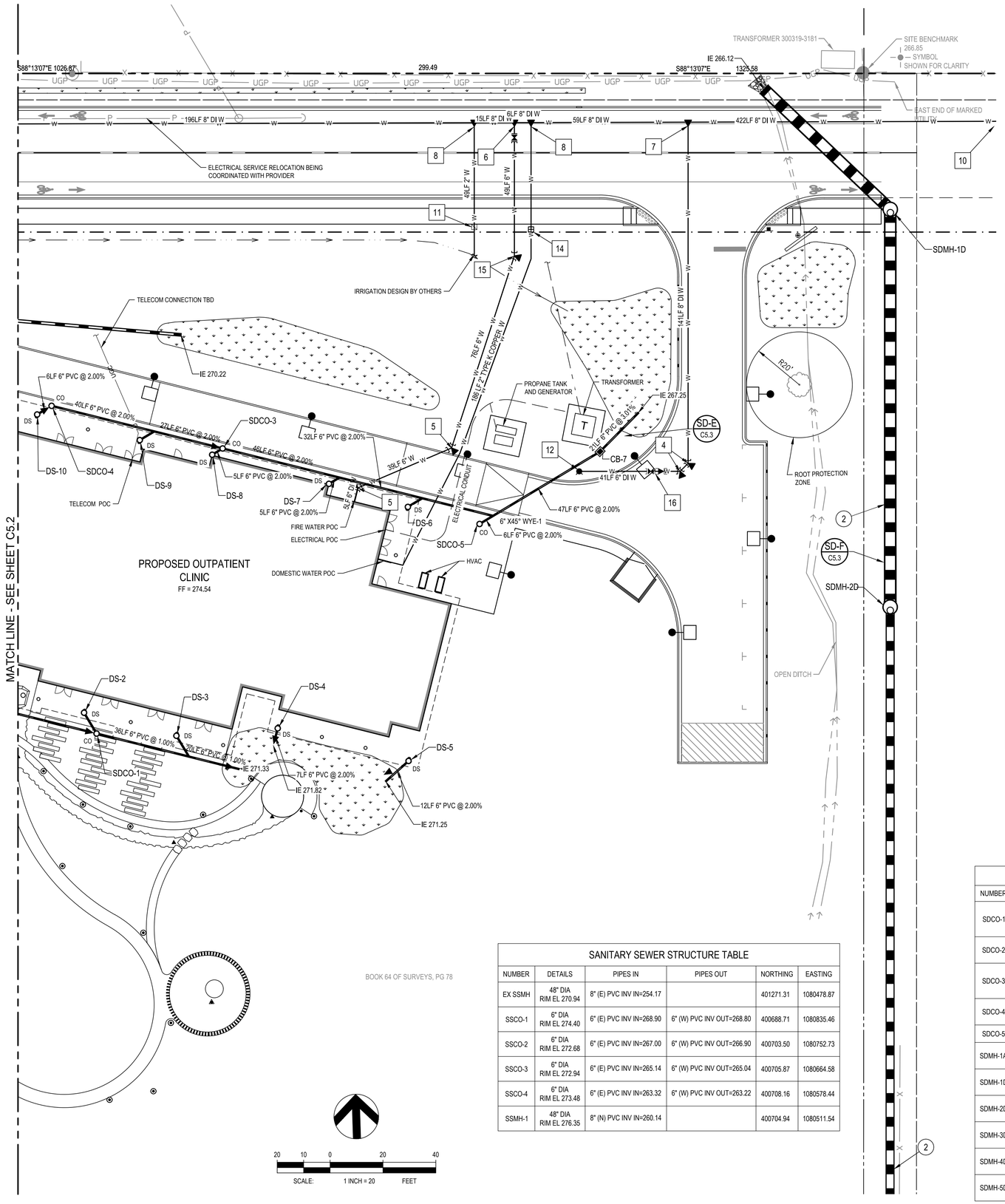
SHEET TITLE:

ENLARGED UTILITY PLAN - WEST

SHEET NO:

C5.1

SHEET OF



STORM INSTALLATION NOTES

1. AT CROSSINGS, PROVIDE A MINIMUM VERTICAL CLEARANCE OF 18 INCHES BETWEEN WATER PIPE (ABOVE) AND PIPE CARRYING NON-POTABLE WATER (BELOW). IF CLEARANCE LESS THAN THOSE STATED INSTALL SLEEVE ON NON-POTABLE LINE. THE SLEEVE PIPE SHALL BE ONE (1) SIZE LARGER THAN THE CONSTRUCTION PIPE. THE SLEEVE SHALL BE AT LEAST TWENTY (20) FEET IN LENGTH AND CENTERED ON THE CROSSING TO PROVIDE FOR A MINIMUM HORIZONTAL SEPARATION OF TEN (10) FEET EACH SIDE OF THE CROSSING, MEASURED PERPENDICULAR TO THE CROSSED LINE. EACH END OF THE SLEEVE SHALL BE SEALED WITH A FERNCO RUBBER COUPLER.
2. SEE SHEET C5.0 FOR IRRIGATION SYSTEM REROUTE DESIGN.

SEWER INSTALLATION NOTES

1. SANITARY SEWER MANHOLE PER CITY OF SEQUIM DEVELOPER STANDARDS V-SFA AND V-S4B
2. SANITARY SEWER CLEANOUT PER CITY OF SEQUIM DEVELOPER STANDARDS V-S16
3. (1) 8"X6" WYE
   SIDE SEWER CONNECTION PER CITY OF SEQUIM DEVELOPER STANDARD V-S11
4. CONNECTION DEPTH TO BE VERIFIED

STORM DRAINAGE STRUCTURE TABLE

NUMBER	RIM ELEV	PIPE INVERT	NORTHING	EASTING
6"x45° WYE-1	EL 269.36	6" (SW) PVC IE=268.81 6" (NE) PVC IE=268.81 6" (W) PVC IE=268.81	400654.89	1081037.79
CB-1	EL 272.42	12" (S) PVC IE=268.16 12" (W) PVC IE=268.16	400724.02	1080747.23
CB-1A	EL 274.63	8" (NE) PVC IE=272.54 8" (W) PVC IE=272.54	400791.47	1080552.71
CB-2	EL 272.79	12" (S) PVC IE=268.89 12" (N) PVC IE=268.89 12" (SW) PVC IE=268.89 6" (E) PVC IE=269.39	400687.57	1080745.30
CB-2A	EL 274.99	8" (N) PVC IE=272.94	400764.83	1080537.92
CB-3	EL 273.03	12" (NE) PVC IE=269.52	400672.28	1080717.55
CB-4	EL 273.42	12" (S) PVC IE=269.93 12" (N) PVC IE=269.93	400583.34	1080742.87
CB-5	EL 273.84	12" (N) PVC IE=270.35	400543.27	1080731.49
CB-6	EL 272.78	12" (E) PVC IE=270.78	400739.91	1080811.42
CB-7	EL 271.98	6" (SW) PVC IE=267.87 6" (NE) PVC IE=267.87	400677.94	1081079.01
DS-1	EL 274.39	6" (SE) PVC IE=272.87	400619.81	1080802.82
DS-2	EL 274.39	6" (SE) PVC IE=272.06	400585.28	1080880.88
DS-3	EL 274.39	6" (SE) PVC IE=271.70	400575.49	1080915.52
DS-4	EL 274.45	6" (S) PVC IE=271.95	400577.11	1080953.91
DS-5	EL 274.04	6" (SW) PVC IE=271.48	400563.24	1081002.98
DS-6	EL 274.38	6" (NE) PVC IE=269.50	400659.28	1081005.71
DS-7	EL 274.44	6" (NE) PVC IE=270.10	400668.94	1080976.14
DS-8	EL 274.44	6" (NE) PVC IE=271.01	400681.31	1080932.35
DS-9	EL 274.45	6" (NE) PVC IE=271.59	400687.70	1080905.15
DS-10	EL 274.41	6" (NE) PVC IE=272.38	400698.58	1080866.65

SANITARY SEWER STRUCTURE TABLE

NUMBER	DETAILS	PIPES IN	PIPES OUT	NORTHING	EASTING
EX SSMH	48" DIA RIM EL 270.94	8" (E) PVC INV IN=254.17		401271.31	1080478.87
SSCO-1	6" DIA RIM EL 274.40	6" (E) PVC INV IN=268.90	6" (W) PVC INV OUT=268.80	400688.71	1080835.46
SSCO-2	6" DIA RIM EL 272.68	6" (E) PVC INV IN=267.00	6" (W) PVC INV OUT=266.90	400703.50	1080752.73
SSCO-3	6" DIA RIM EL 272.94	6" (E) PVC INV IN=265.14	6" (W) PVC INV OUT=265.04	400705.87	1080664.58
SSCO-4	6" DIA RIM EL 273.48	6" (E) PVC INV IN=263.32	6" (W) PVC INV OUT=263.22	400708.16	1080578.44
SSMH-1	48" DIA RIM EL 276.35	8" (N) PVC INV IN=260.14		400704.94	1080511.54

UTILITY LEGEND

- STORM DRAIN LINE
- CATCH BASIN, TYPE 1
- CATCH BASIN, TYPE 1 WITH SOLID LID
- CATCH BASIN, TYPE 2
- DS — STORM DOWNSPOUT
- AREA DRAIN
- RAIN GARDEN CULVERT
- EMERGENCY OVERFLOW
- SS — SANITARY SEWER
- W — WATER
- SANITARY SEWER MANHOLE
- CO — STORM/SANITARY SEWER CLEANOUT
- FIRE HYDRANT
- WATER METER
- IRRIGATION METER
- GATE VALVE
- FIRE DEPARTMENT CONNECTION
- POST INDICATOR VALVE
- CONCRETE THRUST BLOCK
- LIGHT POLE
- REDUCER
- BLOWOFF ASSEMBLY

WATER INSTALLATION NOTES

1. (1) 8" CAP
   CONCRETE BLOCKING
2. (1) 8" TEE
   (3) 8" GATE VALVE (MJxFL)
   CONCRETE BLOCKING
3. (1) 8" 22.5° BEND
   CONCRETE BLOCKING
4. (1) 8" 45° BEND
   CONCRETE BLOCKING
5. (1) 6" 45° BEND
   CONCRETE BLOCKING
6. (1) 8"x6" TEE
   (1) 8" GATE VALVE (MJ X FL)
   CONCRETE BLOCKING
7. (1) 8"X8" TEE
   CONCRETE BLOCKING
8. (1) 8"x2" TAP
   CONCRETE BLOCKING
9. CONNECT TO EXISTING 10" WATER MAIN
10. SEE SHEET C5.0 FOR WATERLINE CONTINUATION
11. IRRIGATION WATER METER AND METER BOX, 1.5" METER AND 2" SERVICE
12. 6" FIRE HYDRANT ASSEMBLY PER CITY OF SEQUIM DEVELOPER STD V-W2
13. (1) 8"X10" REDUCER
14. 2" DOMESTIC WATER METER AND METER BOX
15. (1) 6" 22.5° BEND
    CONCRETE BLOCKING
16. (1) 8"X6" REDUCER
    (1) 6" GATE VALVE
17. (1) 8" X 4" TAP
    (1) 4" GATE VALVE
    (1) BLOWOFF ASSEMBLY PER CITY OF SEQUIM DEVELOPER STANDARD V-W7

STORM DRAINAGE STRUCTURE TABLE

NUMBER	RIM ELEV	PIPE INVERT	NORTHING	EASTING
SDCO-1	EL 274.26	6" (W) PVC IE=271.88 6" (E) PVC IE=271.88 6" (NW) PVC IE=271.88	400577.25	1080885.36
SDCO-2	EL 274.26	6" (NW) PVC IE=272.61 6" (E) PVC IE=272.61	400596.97	1080815.60
SDCO-3	EL 274.39	6" (W) PVC IE=270.92 6" (E) PVC IE=270.92 6" (SW) PVC IE=270.92	400683.56	1080936.36
SDCO-4	EL 274.34	6" (SW) PVC IE=272.26 6" (E) PVC IE=272.26	400701.69	1080872.21
SDCO-5	EL 274.11	6" (NE) PVC IE=268.93	400651.99	1081032.61
SDMH-1A	EL 274.71	8" (E) PVC IE=272.68 8" (S) PVC IE=272.68	400791.31	1080538.75
SDMH-1D	EL 269.80	48" (S) REINFORCED BOX CULVERT : IE=266.45 48" (NW) REINFORCED BOX CULVERT IE=266.45	400766.08	1081191.57
SDMH-2D	EL 273.20	36" (S) PVC IE=267.20 48" (N) REINFORCED BOX CULVERT IE=267.20	400615.74	1081186.86
SDMH-3D	EL 276.11	36" (S) PVC IE=268.70 36" (N) PVC IE=268.70	400316.55	1081177.48
SDMH-4D	EL 282.28	36" (SW) PVC IE=275.51 36" (N) PVC IE=275.51	400016.71	1081168.09
SDMH-5D	EL 283.08	36" (NE) PVC IE=276.47 36" (S) REINFORCED CONCRETE PIPE IE=280.08	399988.33	1081137.45

CITY OF SEQUIM
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BY: _____ DATE: _____
PUBLIC WORKS DIRECTOR

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ALLISON L. HEIN — STATE OF WASHINGTON — 45458 — REGISTERED PROFESSIONAL ENGINEER
01/10/2020

PRELIMINARY

JAMESTOWN S'KLALLAM TRIBE
OUTPATIENT CLINIC
SEQUIM, WASHINGTON

DESIGN REVIEW APPLICATION

REV	DATE	DESCRIPTION

PROJ. NO.	191652
DRAWN	MG
CHECKED	ALH
DATE	JAN 10, 2020

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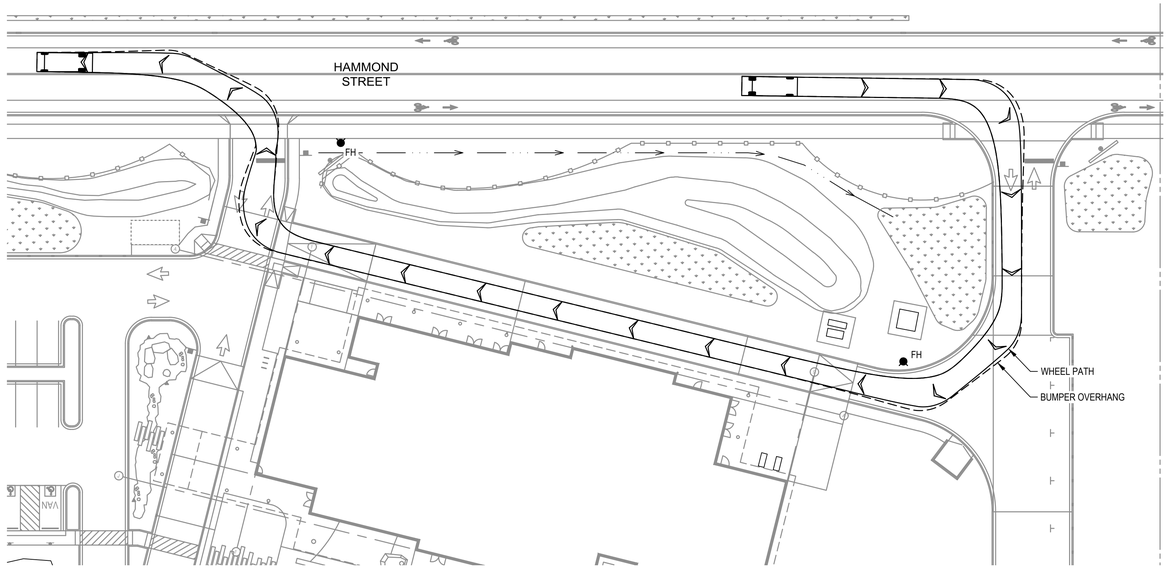
SHEET TITLE:
ENLARGED UTILITY PLAN - EAST

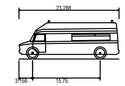
SHEET NO:
C5.2

SHEET OF



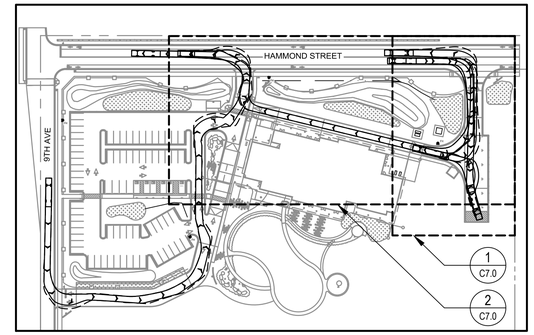
1 C7.0 AMBULANCE CIRCULATION

SCALE 1" = 30'



Horton 453 Type I Ford E-Series Ambulance

Overall Length	23.288ft
Overall Width	8.021ft
Overall Body Height	9.000ft
Min Body Ground Clearance	1.079ft
Track Width	8.021ft
Lock-to-lock time	5.00s
Curb to Curb Turning Radius	27.400ft

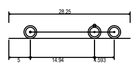


KEY PLAN

SCALE: 1" = 100'

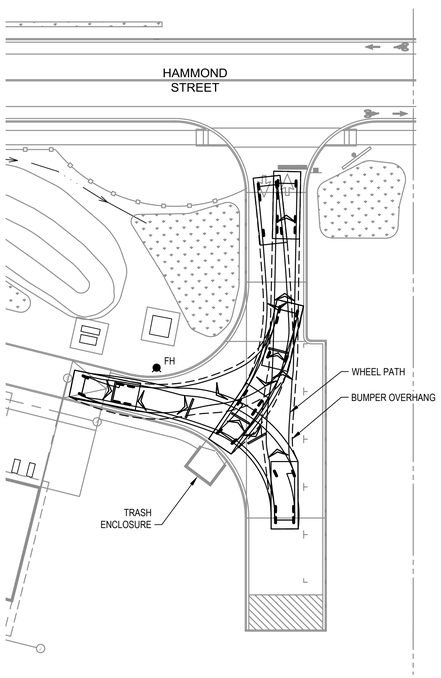
LEGEND

FH FIRE HYDRANT



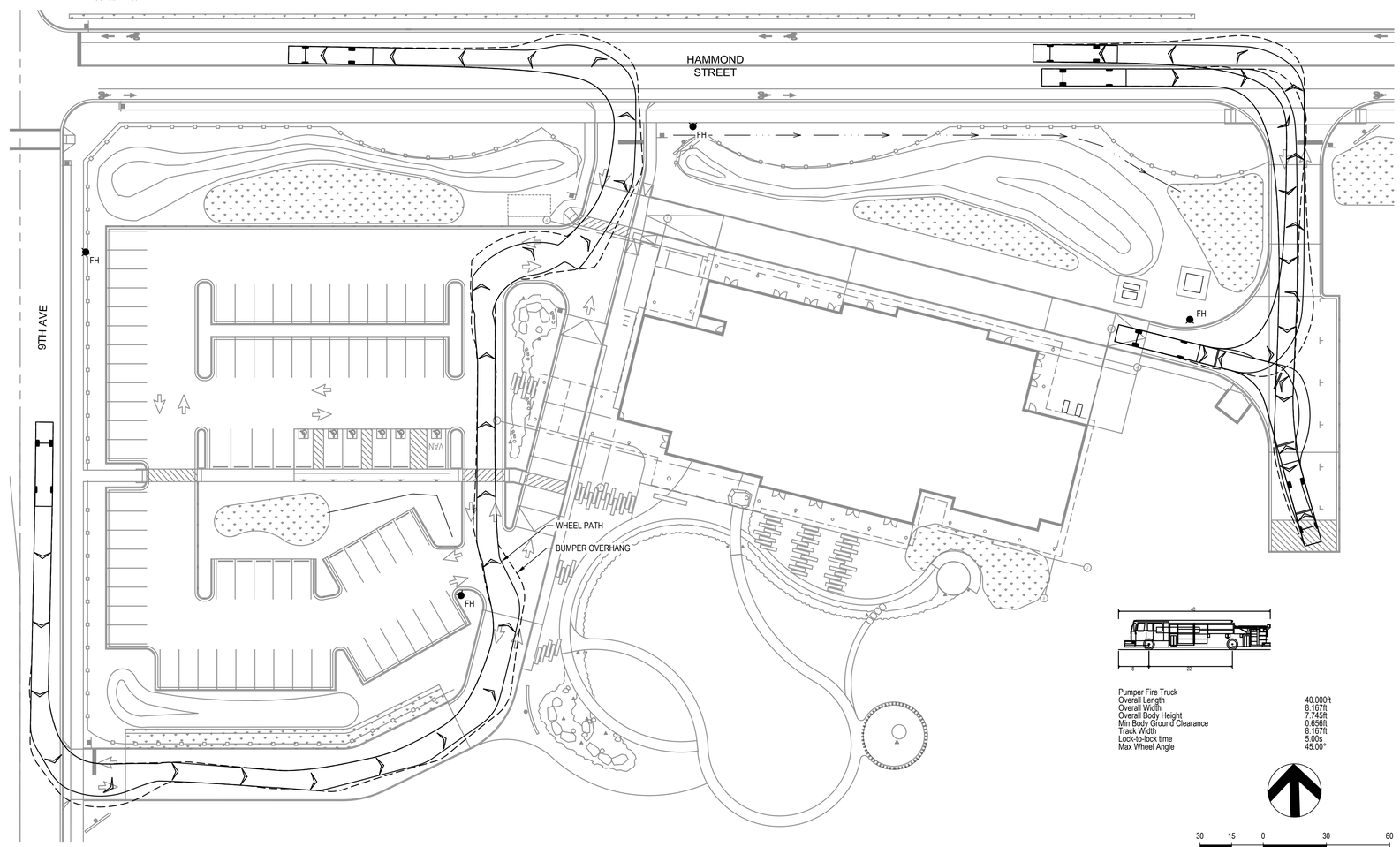
Trash Compactor Truck

Overall Length	28.250ft
Overall Width	11.330ft
Overall Body Height	1.473ft
Min Body Ground Clearance	1.473ft
Track Width	8.420ft
Lock-to-lock time	5.00s
Max Steering Angle (Virtual)	35.00°



2 C7.0 REFUSE COLLECTOR TRUCK CIRCULATION

SCALE 1" = 30'



FIRE TRUCK CIRCULATION

SCALE: 1" = 30'

Pumper Fire Truck

Overall Length	40.000ft
Overall Width	8.167ft
Overall Body Height	7.745ft
Min Body Ground Clearance	0.656ft
Track Width	8.167ft
Lock-to-lock time	5.00s
Max Wheel Angle	45.00°

30 15 0 30 60

SCALE: 1 INCH = 30 FEET

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CIRCULATION PLAN

SHEET NO:

C7.0

SHEET OF