

OVERALL SITE PLAN
SCALE: 1"=50'

LEGAL DESCRIPTION

PARCEL A: (0419023002)
THE NORTH 800 FEET OF THE WESTERLY 1089 FEET OF THE SOUTHWEST QUARTER OF SECTION 2, TOWNSHIP 19 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN;
EXCEPT THAT PORTION THEREOF CONVEYED TO GARY S. PHILLIPS AND JANICE G. PHILLIPS, HUSBAND AND WIFE, BY REVISED BOUNDARY LINE ADJUSTMENT RECORDED UNDER RECORDING NUMBER 200806110827;
SITUATE IN THE CITY OF PUYALLUP, COUNTY OF PIERCE, STATE OF WASHINGTON.
PARCEL B:
TRACT B, MANORWOOD WEST DIVISION ONE, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 56 OF PLATS, PAGES 3 AND 4, RECORDS OF THE PIERCE COUNTY AUDITOR;
SITUATE IN THE CITY OF PUYALLUP, COUNTY OF PIERCE, STATE OF WASHINGTON.

HORIZONTAL DATUM

WASHINGTON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 83/2011
BASED ON GPS OBSERVATION UTILIZING THE WASHINGTON STATE REFERENCE NETWORK (WSRN)

MEASURED NORTH 12°37'26" EAST BETWEEN TWO FOUND MONUMENTS ALONG 17TH PL. S.E. AT THE INTERSECTION WITH 30TH AND THE P.T. MONUMENT TO THE SOUTH

VERTICAL DATUM

NAVD 88
BASED ON GPS OBSERVATION UTILIZING THE WSRN WITH NOS GEOID2012B LOADED

TEMPORARY BENCHMARK ELEVATION = 521.60
DESCRIPTION: SCRIBE #9 LOCATED WEST OF THE SITE ON PEDESTRIAN ACCESSWAY OFF OF THE CUL-DE-SAC AT THE SOUTHERLY END OF 17TH PL. S.E.

ZONING INFORMATION

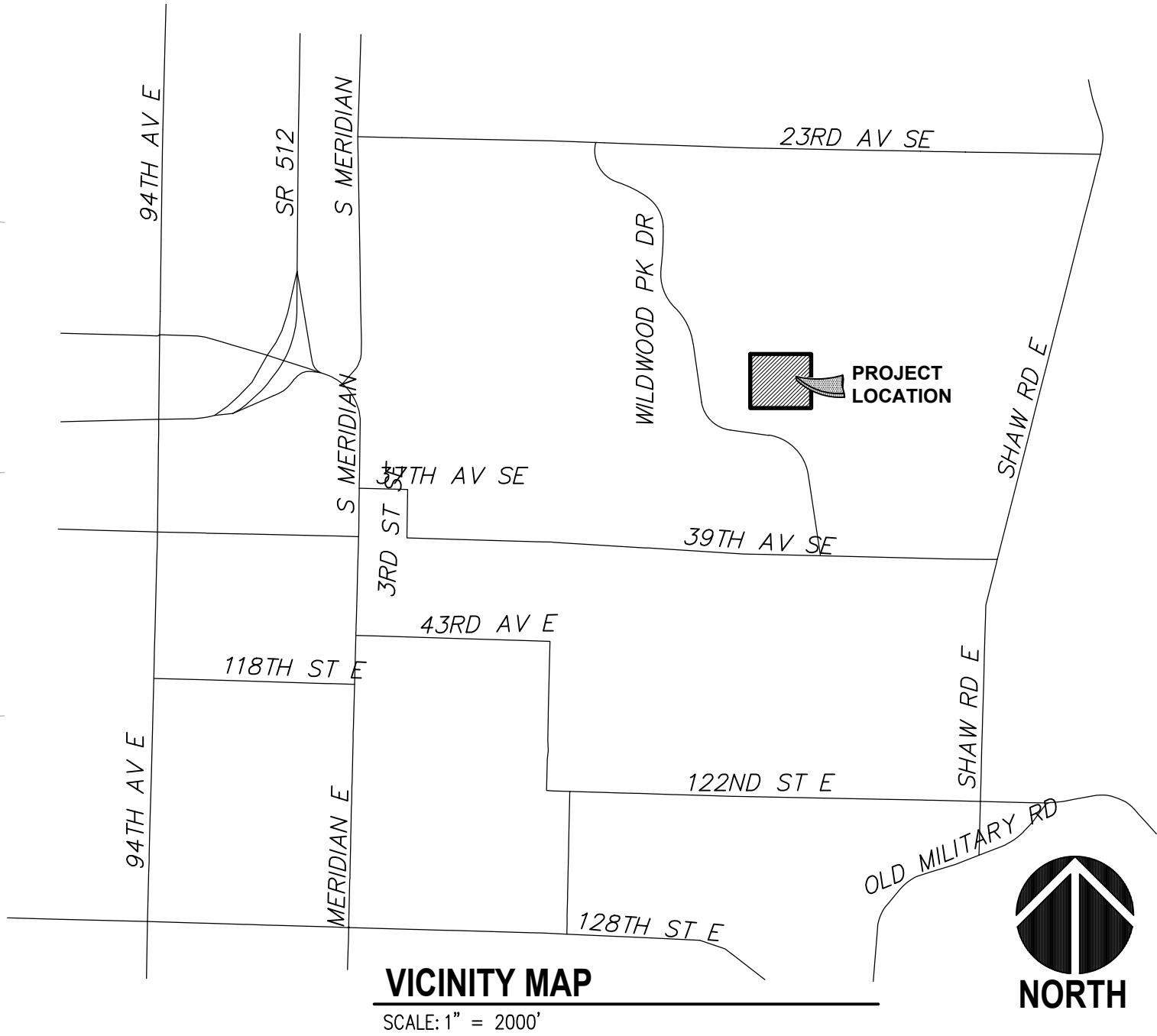
PF PUBLIC FACILITIES

CIVIL DRAWING INDEX

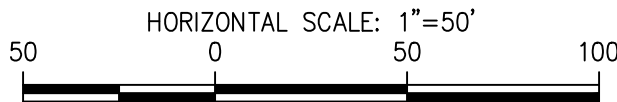
C0.01	01 OF 45	OVERALL SITE PLAN	C3.11	26 OF 45	SITE SECTIONS
C0.02	02 OF 45	PROJECT ABBREVIATIONS AND NOTES	C3.12	27 OF 45	SITE SECTIONS
C0.03	03 OF 45	CITY OF PUYALLUP STANDARD NOTES	C3.13	28 OF 45	SITE SECTIONS
C1.00	04 OF 45	OVERALL DEMOLITION AND TESC PLAN	C3.14	29 OF 45	UNDERGROUND INFILTRATION DETAILS
C1.01	05 OF 45	DEMOLITION AND TESC PLAN	C3.15	30 OF 45	UNDERGROUND INFILTRATION DETAILS
C1.02	06 OF 45	DEMOLITION AND TESC PLAN	C4.00	31 OF 45	OVERALL UTILITY PLAN
C1.03	07 OF 45	DEMOLITION AND TESC PLAN	C4.01	32 OF 45	UTILITY PLAN
C1.04	08 OF 45	DEMOLITION AND TESC NOTES AND DETAILS	C4.02	33 OF 45	UTILITY PLAN
C2.00	09 OF 45	OVERALL SURFACING PLAN	C4.03	34 OF 45	UTILITY DETAILS
C2.01	10 OF 45	SURFACING PLAN	C4.04	35 OF 45	UTILITY NOTES AND DETAILS
C2.02	11 OF 45	SURFACING PLAN	C4.05	36 OF 45	UTILITY DETAILS
C2.03	12 OF 45	SURFACING PLAN	C7.00	37 OF 45	OVERALL OFFSITE STREET LIGHT IMPROVEMENT PLAN
C2.04	13 OF 45	SURFACING DETAILS	C7.01	38 OF 45	WILDWOOD PARK DRIVE STREET LIGHT PLAN (WEST)
C2.05	14 OF 45	SURFACING DETAILS	C7.02	39 OF 45	WILDWOOD PARK DRIVE STREET LIGHT PLAN (EAST)
C3.00	15 OF 45	OVERALL GRADING AND DRAINAGE PLAN	C7.03	40 OF 45	STREET LIGHT NOTES
C3.01	16 OF 45	GRADING AND DRAINAGE PLAN	C7.04	41 OF 45	STREET LIGHT DETAILS
C3.02	17 OF 45	GRADING AND DRAINAGE PLAN	C7.05	42 OF 45	STREET LIGHT DETAILS
C3.03	18 OF 45	GRADING AND DRAINAGE PLAN	C8.00	43 OF 45	OFFSITE WILDWOOD PARK DRIVE CHANNELIZATION PLAN
C3.04	19 OF 45	GRADING AND DRAINAGE DETAILS	C8.01	44 OF 45	OFFSITE CHANNELIZATION NOTES AND DETAILS
C3.05	20 OF 45	GRADING AND DRAINAGE DETAILS	C8.02	45 OF 45	OFFSITE CHANNELIZATION DETAILS
C3.06	21 OF 45	GRADING AND DRAINAGE DETAILS			
C3.07	22 OF 45	GRADING AND DRAINAGE DETAILS			
C3.08	23 OF 45	GRADING AND DRAINAGE DETAILS			
C3.09	24 OF 45	GRADING ENLARGEMENTS			
C3.10	25 OF 45	SITE SECTIONS			


PROJECT LOCATION

3213 WILDWOOD PARK DR
PUYALLUP, WA 98374




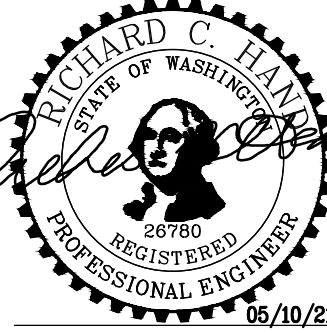
VICINITY MAP
SCALE: 1" = 2000'



**sitts & hill**
CIVIL | STRUCTURAL | SURVEY
4815 CENTER STREET | TACOMA, WA 98409
PHONE: (253) 474-9449 | FAX: (253) 474-0153
<http://www.sittshill.com/>

Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS

APPROVED
BY: 
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE: 5/13/2021
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.



NAC
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2021 1ST AVENUE
SEATTLE WA 98121
P.206.441.4522

NAC NO	121-19038
DRAWN	VMS
CHECKED	RCH
DATE	05/10/2021

GENERAL ABBREVIATIONS

ACP	ASBESTOS CEMENT PIPE	MAX	MAXIMUM
ABND	ABANDON	MIN	MINIMUM
ADA	AMERICAN DISABILITIES ACT	MIPT	MALE IRON PIPE THREAD
ALT	ALTERNATE	MISC	MISCELLANEOUS
ASTM	AMERICAN SOCIETY FOR TESTING MATERIAL	MON	MONUMENT
&	AND	MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
APPROX	APPROXIMATE	N	NORTH
ARCH'L	ARCHITECTURAL	NE	NORTHEAST
ASPH	ASPHALT	NC	NORMALLY CLOSED
AC	ASPHALTIC CONCRETE	NTS	NOT TO SCALE
⊙	AT	N.I.C.	NOT IN CONTRACT
AUX	AUXILIARY	NO.	NUMBER
AVG	AVERAGE	NW	NORTHWEST
ADS	HDPE STORM PIPING TRADE NAME	O.C.	ON CENTER
BC	BOTTOM CURB, BACK CURB	OHP	OVERHEAD POWER
B.M.	BENCH MARK	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
BMP	BEST MANAGEMENT PRACTICE	OT	OPEN TRENCH
BET	BETWEEN	P	PANEL, POLE, POWER
BITUM	BITUMINOUS	%	PERCENT
BOT	BOTTOM OF STRUCTURE	PP	POWER POLE
BP	BURIED POWER	PP	POLYPROPYLENE PIPE
BW	BOTTOM WALL	PAV	PAVEMENT
BR	BOTTOM RAMP	PCC	PORTLAND CEMENT CONCRETE
C	CALCULATED	PCF	POUND PER CUBIC FOOT
CB	CATCH BASIN	PT	POINT
CEM	CEMENT	P.C.	POINT OF CURVATURE
CIP	CAST IRON PIPE	P.C.R.	POINT OF CURB RETURN
C.I.P.	CAST IN PLACE	P.C.V.C.	POINT OF CURVATURE – VERTICAL CURVE
CJ	CONSTRUCTION JOINT	P.T.V.C.	POINT OF TANGENCY – VERTICAL CURVE POINT OF INTERSECTION
CL	CENTERLINE	P.I.	POST INDICATOR VALVE
CL	CLASS	P.I.V.	POINT OF INTERSECTION FOR VERTICAL CURVE
CMP	CORRUGATED METAL PIPE CONCRETE	P.O.C.	POINT ON CURVE
CMU	MASONRY UNIT	P.R.C.	POINT OF REVERSE CURVE
CO	CLEANOUT	P.T.	POINT OF TANGENCY
CONC	CONCRETE	PREFAB	PREFABRICATED
COND	CONDUIT	PROJ	PROJECT
CONST	CONSTRUCTION	PSF	POUND PER SQUARE FOOT
CONT	CONTINUOUS	PSI	POUND PER SQUARE INCH
CONTR	CONTRACTOR	PVC	POLYVINYL CHLORIDE
CP	CONCRETE PIPE	PVMT	PAVEMENT
CPD	CAPPED	PWR	POWER
CPP	CORRUGATED POLYPROPYLENE PIPE	R	RADIUS OR RECORD
C.R.	CRUSHED ROCK	R	RIGHT
CS	COMPOST SOCK	RD	ROAD DRAIN
CSBC	CRUSHED SURFACE BASE COURSE	RP	RADIUS POINT
CSTC	CRUSHED SURFACE TOP COURSE	RCP	REINFORCED CONCRETE PIPE
CU.FT.	CUBIC FOOT	REQD	REQUIRED
CU.YD.	CUBIC YARD	REV	REVISION/REVISED RIGID
D	DRAIN (STORM DRAIN)	RGS	GALVANIZED STEEL
D	DEGREE OF CURVATURE	REF	REFERENCE
DI	DUCTILE IRON	R/W	RIGHT OF WAY
DIA OR ⌀	DIAMETER	S	SOUTH OR SLOPE OR SEWER (SANITARY)
DIM	DIMENSION	SC	SEGMENTAL CONCRETE
DIP	DUCTILE IRON PIPE	SCH	SCHEDULE
DN	DOWN	SD	STORM DRAIN
D.P.	DISABILITY PARKING	SDMH	STORM DRAIN MANHOLE
DQE	DEPARTMENT OF ECOLOGY	SDR	STANDARD DIMENSION RATIO
DR	PIPE DIMENSION RATIO	SE	SOUTHEAST
DS	DOWNSPOUT	SEC.	SECTION
DWG	DRAWING	SHT	SHEET
DWGS	DRAWINGS	SPEC	SPECIFICATION(S)
DWV	DRAIN, WASTE AND VENT	SQ	SQUARE
E	EAST	SF	SQUARE FOOT/FEET
EA	EACH	SI	SQUARE INCH/INCHES
ELEC	ELECTRIC/ELECTRICAL	SIM.	SIMILAR
EL OR ELEV	ELEVATION	SS	SANITARY SEWER
EP	EDGE PAVEMENT	SSCO	SANITARY SEWER CLEANOUT
ETM	ELAPSED TIME METER	SSFM	SANITARY SEWER FORCEMAIN
EQ	EQUAL	SSMH	SANITARY SEWER MANHOLE
EQUIV	EQUIVALENT	STA	STATION
EX	EXISTING	STM	STEAM
EXST.	EXISTING	STL	STEEL
EXJ	EXPANSION JOINT	ST	STREET
ENGR	ENGINEER	STR	STRUCTURAL
EST	ESTIMATED	STD	STANDARD
FD	FOOTING DRAIN	SW	SOUTHWEST
FF	FINISH FLOOR ELEVATION	SWMWW	STORMWATER MANAGEMENT MANUAL OF WESTERN WASHINGTON
FG	FINISH GRADE	SY/SQ. YD.	SQUARE YARD/YARDS
FM	FORCE MAIN	TAN	TANGENT
FIN	FINISHED	TC	TOP CURB
FIP	FEMALE IRON PIPE THREAD	TDW	TEMPORARY DEWATERING
FT	FOOT (FEET)	TEL	TELEPHONE
FTG	FOOTING	TEMP	TEMPORARY
FH	FIRE HYDRANT	T.E.	TOP ELEVATION
FL	FLOWLINE	TESC	TEMPORARY EROSION SEDIMENTATION CONTROL
G	GAS	THRU	THROUGH
GALV	GASKET	T.O.C.	TOP OF CONCRETE
GS	GALVANIZED	T.C.	TOP OF CURB
GS	GALVANIZED STEEL	T.O.P.	TOP OF PAVEMENT
GND	GROUND	T.P.	TURNING POINT
GPM	GALLONS PER MINUTE	TR., TRANS	TRANSFORMER OR TOP RAMP
GPR	GROUND PENETRATING RADAR	TSFM	TEMPORARY SANITARY SEWER FORCE MAIN
GR	GRADE	TYP	TYPICAL
GS	GROUND SHOT	TV	TELEVISION
H	HUB	TW	TOP WALL
H	HORIZONTAL	UBC	UNIFORM BUILDING CODE
HDD	HORIZONTAL DIRECTIONAL DRILL	UMC	UNIFORM MECHANICAL CODE
HDPE	HIGH DENSITY POLYETHYLENE PIPE	UPC	UNIFORM PLUMBING CODE
HP	HIGH POINT	V	VERTICAL
HP	HORSEPOWER	V	VOLTS
HORIZ	HORIZONTAL	VC	VERTICAL CURVE
HMA	HOT MIX ASPHALT	VD	VAULT DRAIN
HWR	HOT WATER RETURN	VERT	VERTICAL
HWS	HOT WATER SUPPLY	VOL	VOLUME
INV	INVERT	VPC	VERTICAL POINT OF CURVATURE
IE	INVERT ELEVATION	VPI	VERTICAL POINT OF INTERSECTION
IRR	IRRIGATION	VPT	VERTICAL POINT OF TANGENCY
JT	JOINT	WAC	WASHINGTON ADMINISTRATIVE CODE
K	VERTICAL CURVE GRADIENT VALUE	WD	WALL DRAINAGE
L	LENGTH	WP	WEATHERPROOF
LT	LEFT	WWF	WELDED WIRE FABRIC
LB	POUND	WT W	WEIGHT WATER
LF	LINEAL FEET/FOOT	W	WEST
LIN	LINEAR	W	WATER
LONGIT	LONGITUDE	WISHA	WASHINGTON INDUSTRIAL SAFETY AND HEALTH ADMINISTRATION
LTG	LIGHTING	WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
M	MEASURED	WS	WATER SERVICE OR WATER SURFACE
MB	MAILBOX	W/	WITH
MD	MEASURE DOWN	XFMR	TRANSFORMER
MEG	MATCH EXISTING GRADE		
MH	MANHOLE		
MJ	MECHANICAL JOINT		
MECH	MECHANICAL		
MEMB	MEMBRANE		

LEGEND

EXISTING FEATURES-	PROPOSED FEATURES-
FOUND MONUMENT AS NOTED	CATCH BASIN PROTECTION
CALCULATED MONUMENT POSITION	SILT FENCE
FOUND PROPERTY CORNER AS NOTED	DEMOLITION
SET REBAR & CAP LS 44639	STOCKPILE AREA
SURVEY CONTROL POINT, AS NOTED	SAWCUT LINE
SANITARY SEWER MANHOLE	LANDSCAPING
SANITARY SEWER CLEAN OUT	ASPHALT PAVEMENT
STORM MANHOLE	CONCRETE
STORM CATCH BASIN	GRAVEL SURFACING
STORM CULVERT	CAST-IN-PLACE CURB
STORM CLEAN OUT	STORM DRAIN PIPE
ROOF DRAIN	ROOF DRAIN PIPE
WATER VALVE	FOOTING DRAIN PIPE
WATER METER	GRADE BREAK
FIRE HYDRANT	QUARRY SPALL PAD
WATER VAULT	TYPE 1 CATCH BASIN
FIRE DEPARTMENT CONNECTION	TYPE 2 CATCH BASIN
WATER BLOW OFF	ROOF DRAIN CLEANOUT
POST INDICATOR VALVE	WATER PIPE
IRRIGATION CONTROL VALVE	FIRE SPRINKLER PIPE
GAS VALVE	WATER METER
GAS METER	FIRE DEPARTMENT CONNECTION
GAS MANHOLE	FIRE HYDRANT
UTILITY POLE	SANITARY SEWER PIPE
GUY ANCHOR	SANITARY SEWER MANHOLE WITH ACCESS LOCATION
JUNCTION BOX	SANITARY SEWER CLEANOUT
POWER VAULT	GATE VALVE
POWER CABINET	THRUST BLOCK
POWER MANHOLE	CHAINLINK FENCING
LIGHT POLE	
UTILITY VAULT	
COLUMN	
BOLLARD	
FINISH FLOOR ELEVATION	
SIGN	
MAILBOX	
MONITORING WELL	
TAX PARCEL NUMBER	

	BOUNDARY LINE
	LOT LINE
	SECTION LINE
	ROAD CENTERLINE
	STORM DRAIN LINE
	SANITARY SEWER LINE
	BURIED WATER LINE
	BURIED GAS LINE
	BURIED FUEL LINE
	BURIED POWER LINE
	BURIED TELECOMMUNICATIONS LINE
	OVERHEAD POWER LINE
	DITCH LINE
	CHAIN LINK FENCE
	RECORD STORM LINE
	RECORD SANITARY LINE
	RECORD WATER LINE
	RECORD GAS LINE
	RECORD POWER LINE
	RECORD TELECOMMUNICATIONS LINE
	ASPHALT SURFACE
	CONCRETE SURFACE
	GRAVEL SURFACE
	RIPRAP SURFACE

PROJECT SEQUENCING

1. HOLD A PRE-CONSTRUCTION MEETING WITH THE CITY AND OBTAIN REQUIRED PERMITS.
2. PROVIDE SUBMITTALS AND OBTAIN APPROVALS FROM SCHOOL DISTRICT AND ENGINEER.
3. COORDINATE WITH PROJECT LOGISTICS PLAN (SEE ARCHITECTURAL) REQUIREMENTS.
4. ESTABLISH CLEARING AND GRADING LIMITS.
5. CONSTRUCT EROSION CONTROL DEVICES AS SHOWN ON APPROVED EROSION CONTROL PLANS. NO UNCONTROLLED STORMWATER RUNOFF SHALL BE DISCHARGED OFFSITE DURING GRADING OPERATIONS.
6. CONSTRUCT PROTECTION FENCING FOR SIGNIFICANT TREES PROPOSED FOR RETENTION.
7. SCHEDULE EROSION CONTROL INSPECTION WITH THE CITY.
8. EXECUTE REQUIRED CLEARING, GRUBBING AND DEMOLITION WORK.
9. MAINTAIN EROSION CONTROL BMP'S. NO UNCONTROLLED STORMWATER RUNOFF SHALL BE DISCHARGED OFFSITE DURING GRADING OPERATIONS.
10. EXECUTE REQUIRED GRADING AND BUILDING PAD EARTHWORK.
11. EXECUTE REQUIRED UTILITY WORK.
12. CONSTRUCT BUILDING IMPROVEMENTS.
13. COMPLETE SURFACING RESTORATION.
14. COMPLETE PROJECT LANDSCAPING.
15. FOLLOWING FINAL STABILIZATION OF THE ENTIRE PROJECT SITE, AND UPON APPROVAL BY SCHOOL DISTRICT, ENGINEER, AND CITY INSPECTOR, REMOVE ALL TESC MEASURES.

APPROVED

BY CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE 5/13/2021

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.

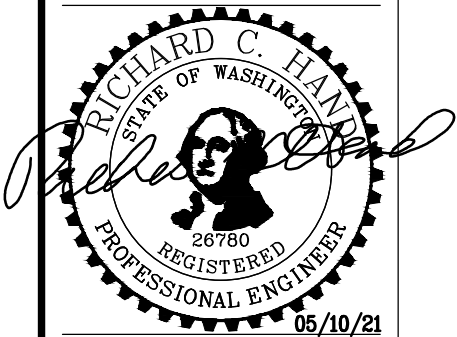
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FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.

REVISIONS

PERMIT
RESUBMITTAL

PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION
3213 WILDWOOD PARK DR. PUYALLUP, WA 98374



NAC
ARCHITECTURE
nacarchitecture.com

2021 1ST AVENUE
SEATTLE WA 98121
P.206.441.4522

NAC NO	121-19038
DRAWN	VMS
CHECKED	RCH
DATE	05/10/2021

PROJECT
ABBREVIATIONS
AND NOTES

SHEET 02 OF 45

C0.02

sitts & hill

CIVIL | STRUCTURAL | SURVEY

4815 CENTER STREET I TACOMA, WA. 98409

PHONE: (253) 474-9449 I FAX: (253) 474-0163

http://www.sittshill.com/

Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS



CITY OF PUYALLUP GENERAL NOTES

- ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE APPROVED ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTACT ENGINEERING SERVICES AT (253-841-5568) TO SCHEDULE THE MEETING. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN SET OF APPROVED PLANS AT THE MEETING.
- AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT THE CONTRACTOR SHALL OBTAIN A PUNCH LIST PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE 'STANDARD SPECIFICATIONS'), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE 'CITY STANDARDS').
- A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
- ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE CITY PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
- THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
- ANY STRUCTURE AND/OR OBSTRUCTION THAT REQUIRES REMOVAL OR RELOCATION RELATING TO THIS PROJECT SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.
- LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE ELEVATIONS AND LOCATIONS OF HIDDEN UTILITIES. ALL VISIBLE ITEMS SHALL BE THE ENGINEER'S RESPONSIBILITY.
- THE CONTRACTOR SHALL INSTALL, REPLACE, OR RELOCATE ALL SIGNS, AS SHOWN ON THE PLANS OR AS AFFECTED BY CONSTRUCTION, PER CITY STANDARDS.
- POWER, STREET LIGHT, CABLE, AND TELEPHONE LINES SHALL BE IN A TRENCH LOCATED WITHIN A 10-FOOT UTILITY EASEMENT ADJACENT TO PUBLIC RIGHT-OF-WAY. RIGHT-OF-WAY CROSSINGS SHALL HAVE A MINIMUM HORIZONTAL SEPARATION FROM OTHER UTILITIES (SEWER, WATER, AND STORM) OF 5 FEET.
- ALL CONSTRUCTION SURVEYING FOR EXTENSIONS OF PUBLIC FACILITIES SHALL BE DONE UNDER THE DIRECTION OF A WASHINGTON STATE LICENSED LAND SURVEYOR OR A WASHINGTON STATE LICENSED PROFESSIONAL CIVIL ENGINEER.
- DURING CONSTRUCTION, ALL PUBLIC STREETS ADJACENT TO THIS PROJECT SHALL BE KEPT CLEAN OF ALL MATERIAL DEPOSITS RESULTING FROM ON-SITE CONSTRUCTION, AND EXISTING STRUCTURES SHALL BE PROTECTED AS DIRECTED BY THE CITY.
- CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO PROJECT ACCEPTANCE.
- A NPDES STORMWATER GENERAL PERMIT MAY BE REQUIRED BY THE DEPARTMENT OF ECOLOGY FOR THIS PROJECT. FOR INFORMATION CONTACT THE DEPARTMENT OF ECOLOGY, SOUTHWEST REGION OFFICE AT (360)407-6300.
- ANY DISTURBANCE OR DAMAGE TO CRITICAL AREAS AND ASSOCIATED BUFFERS, OR SIGNIFICANT TREES DESIGNATED FOR PRESERVATION AND PROTECTION SHALL BE MITIGATED IN ACCORDANCE WITH A MITIGATION PLAN REVIEWED AND APPROVED BY THE CITY'S PLANNING DIVISION. PREPARATION AND IMPLEMENTATION OF THE MITIGATION PLAN SHALL BE AT THE DEVELOPER'S EXPENSE.

CITY OF PUYALLUP STORMWATER NOTES

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- AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A PUNCH LIST PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE 'STANDARD SPECIFICATIONS'), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE 'CITY STANDARDS').
- A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
- ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE ENGINEERING SERVICES STAFF PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
- THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
- ANY STRUCTURE AND/OR OBSTRUCTION WHICH REQUIRE REMOVAL OR RELOCATION RELATING TO THIS PROJECT, SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.
- DURING CONSTRUCTION, ALL EXISTING AND NEWLY INSTALLED DRAINAGE STRUCTURES SHALL BE PROTECTED FROM SEDIMENTS.
- ALL STORM MANHOLES SHALL CONFORM TO CITY STANDARD DETAIL NO. 02.01.01. FLOW CONTROL MANHOLE/OIL WATER SEPARATOR SHALL CONFORM TO CITY STANDARD DETAIL NO. 02.01.06 AND 02.01.07.
- MANHOLE RING AND COVER SHALL CONFORM TO CITY STANDARD DETAIL 06.01.02.
- CATCH BASINS TYPE I SHALL CONFORM TO CITY STANDARD DETAIL NO.02.01.02 AND 02.01.03 AND SHALL BE USED ONLY FOR DEPTHS LESS THAN 5 FEET FROM TOP OF THE GRATE TO THE INVERT OF THE STORM PIPE.
- CATCH BASINS TYPE II SHALL CONFORM TO CITY STANDARD DETAIL NO.02.01.04 AND SHALL BE USED FOR DEPTHS GREATER THAN 5 FEET FROM TOP OF THE GRATE TO THE INVERT OF THE STORM PIPE.
- CAST IRON OR DUCTILE IRON FRAME AND GRATE SHALL CONFORM TO CITY STANDARD DETAIL NO.02.01.05. GRATE SHALL BE MARKED WITH 'DRAINS TO STREAM'. SOLID CATCH BASIN LIDS (SQUARE UNLESS NOTED AS ROUND) SHALL CONFORM TO WSDOT STANDARD PLAN B-30.20-04 (OLYMPIC FOUNDRY NO. SM60 OR EQUAL). VANED GRATES SHALL CONFORM TO WSDOT STANDARD PLAN B-30.30-03 (OLYMPIC FOUNDRY NO. SM60V OR EQUAL).
- STORMWATER PIPE SHALL BE ONLY PVC, CONCRETE, DUCTILE IRON, OR DUAL WALLED POLYPROPYLENE PIPE.
 - THE USE OF ANY OTHER TYPE SHALL BE REVIEWED AND APPROVED BY THE ENGINEERING SERVICES STAFF PRIOR TO INSTALLATION.
 - PVC PIPE SHALL BE PER ASTM D3034, SDR 35 FOR PIPE SIZE 15-INCH AND SMALLER AND F679 FOR PIPE SIZES 18 TO 27 INCH. MINIMUM COVER ON PVC PIPE SHALL BE 3.0 FEET.
 - CONCRETE PIPE SHALL CONFORM TO THE WSDOT STANDARD SPECIFICATIONS FOR CONCRETE UNDERDRAIN PIPE. MINIMUM COVER ON CONCRETE PIPE SHALL NOT LESS THAN 3.0 FEET.
 - DUCTILE IRON PIPE SHALL BE CLASS 50, CONFORMING TO AWWA C151. MINIMUM COVER ON DUCTILE IRON PIPE SHALL BE 1.0 FOOT.
 - POLYPROPYLENE PIPE (PP) SHALL BE DUAL WALLED, HAVE A SMOOTH INTERIOR AND EXTERIOR CORRUGATIONS AND MEET WSDOT 9-05.24(1). 12-INCH THROUGH 30-INCH PIPE SHALL MEET OR EXCEED ASTM F2736 AND AASHTO M330, TYPE S, OR TYPE D. 36-INCH THROUGH 60-INCH PIPE SHALL MEET OR EXCEED ASTM F2881 AND AASHTO M330, TYPE S, OR TYPE D. TESTING SHALL BE PER ASTM F1417. MINIMUM COVER OVER POLYPROPYLENE PIPE SHALL BE 3 FEET.
- TRENCHING, BEDDING, AND BACKFILL FOR PIPE SHALL CONFORM TO CITY STANDARD DETAIL NO. 06.01.01.
- STORM PIPE SHALL BE A MINIMUM OF 10 FEET AWAY FROM BUILDING FOUNDATIONS AND/OR ROOF LINES.
- ALL STORM DRAIN MAINS SHALL BE TESTED AND INSPECTED FOR ACCEPTANCE AS OUTLINED IN SECTION 406 OF THE CITY OF PUYALLUP SANITARY SEWER SYSTEM STANDARDS.
- ALL TEMPORARY SEDIMENTATION AND EROSION CONTROL MEASURES, AND PROTECTIVE MEASURES FOR CRITICAL AREAS AND SIGNIFICANT TREES SHALL BE INSTALLED PRIOR TO INITIATING ANY CONSTRUCTION ACTIVITIES.

CITY OF PUYALLUP GRADING, EROSION AND SEDIMENTATION NOTES

- ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTACT ENGINEERING SERVICES TO SCHEDULE THE MEETING (253) 841-5568. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN APPROVED SET OF PLANS AT THE MEETING.
- AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A PUNCH LIST PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE 'STANDARD SPECIFICATION'), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HERINAFTER REFERRED TO AS THE 'CITY STANDARDS').
- A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
- ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE CITY ENGINEER PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
- THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS HOURS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
- ALL LIMITS OF CLEARING AND AREAS OF VEGETATION PRESERVATION AS PRESCRIBED ON THE PLANS SHALL BE CLEARLY FLAGGED IN THE FIELD AND OBSERVED DURING CONSTRUCTION.
- ALL REQUIRED SEDIMENTATION AND EROSION CONTROL FACILITIES MUST BE CONSTRUCTED AND IN OPERATION PRIOR TO ANY LAND CLEARING AND/OR OTHER CONSTRUCTION TO ENSURE THAT SEDIMENT LOADED WATER DOES NOT ENTER THE NATURAL DRAINAGE SYSTEM. THE CONTRACTOR SHALL SCHEDULE AN INSPECTION OF THE EROSION CONTROL FACILITIES PRIOR TO ANY LAND CLEARING AND/OR OTHER CONSTRUCTION. ALL EROSION AND SEDIMENT FACILITIES SHALL BE MAINTAINED IN A SATISFACTORY CONDITION AS DETERMINED BY THE CITY, UNTIL SUCH TIME THAT CLEARING AND/OR CONSTRUCTION IS COMPLETED AND THE POTENTIAL FOR ONSITE EROSION HAS PASSED. THE IMPLEMENTATION, MAINTENANCE, REPLACEMENT, AND ADDITIONS TO THE EROSION AND SEDIMENTATION CONTROL SYSTEMS SHALL BE THE RESPONSIBILITY OF THE PERMITTEE.
- THE EROSION AND SEDIMENTATION CONTROL SYSTEM FACILITIES DEPICTED ON THESE PLANS ARE INTENDED TO BE MINIMUM REQUIREMENTS TO MEET ANTICIPATED SITE CONDITIONS. AS CONSTRUCTION PROGRESSES AND UNEXPECTED OR SEASONAL CONDITIONS DICTATE, FACILITIES WILL BE NECESSARY TO ENSURE COMPLETE SILTATION CONTROL ON THE SITE. DURING THE COURSE OF CONSTRUCTION, IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE PERMITTEE TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY HIS ACTIVITIES AND TO PROVIDE ADDITIONAL FACILITIES, OVER AND ABOVE THE MINIMUM REQUIREMENTS, AS MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES, SENSITIVE AREAS, NATURAL WATER COURSES, AND/OR STORM DRAINAGE SYSTEMS.
- APPROVAL OF THESE PLANS IS FOR GRADING, TEMPORARY DRAINAGE, EROSION AND SEDIMENTATION CONTROL ONLY. IT DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT STORM DRAINAGE DESIGN, SIZE OR LOCATION OF PIPES, RESTRICTORS, CHANNELS, OR RETENTION FACILITIES.
- ANY DISTURBED AREA WHICH HAS BEEN STRIPPED OF VEGETATION AND WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 30 DAYS OR MORE, MUST BE IMMEDIATELY STABILIZED WITH MULCHING, GRASS PLANTING, OR OTHER APPROVED EROSION CONTROL TREATMENT APPLICABLE TO THE TIME OF YEAR IN QUESTION. GRASS SEEDING ALONE WILL BE ACCEPTABLE ONLY DURING THE MONTHS OF APRIL THROUGH SEPTEMBER INCLUSIVE. SEEDING MAY PROCEED OUTSIDE THE SPECIFIED TIME PERIOD WHENEVER IT IS IN THE INTEREST OF THE PERMITTEE BUT MUST BE AUGMENTED WITH MULCHING, NETTING, OR OTHER TREATMENT APPROVED BY THE CITY.
- IN CASE EROSION OR SEDIMENTATION OCCURS TO ADJACENT PROPERTIES, ALL CONSTRUCTION WORK WITHIN THE DEVELOPMENT THAT WILL FURTHER AGGRAVATE THE SITUATION MUST CEASE, AND THE OWNER/CONTRACTOR WILL IMMEDIATELY COMMENCE RESTORATION METHODS. RESTORATION ACTIVITY WILL CONTINUE UNTIL SUCH TIME AS THE AFFECTED PROPERTY OWNER IS SATISFIED.
- NO TEMPORARY OR PERMANENT STOCKPIILING OF MATERIALS OR EQUIPMENT SHALL OCCUR WITHIN CRITICAL AREAS OR ASSOCIATED BUFFERS, OR THE CRITICAL ROOT ZONE FOR VEGETATION PROPOSED FOR RETENTION.

APPROVED

BY  CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE 5/13/2021

NOTE: THIS APPROVAL IS VOID
AFTER 180 DAYS FROM APPROVAL
DATE.

THE CITY WILL NOT BE
RESPONSIBLE FOR ERRORS AND/
OR OMISSIONS ON THESE PLANS.

FIELD CONDITIONS MAY DICTATE
CHANGES TO THESE PLANS AS
DETERMINED BY THE
ENGINEERING SERVICES
MANAGER.

REVISIONS

PERMIT
RESUBMITTAL

PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION
3213 WILDWOOD PARK DR. PUYALLUP, WA 98374



NAC NO	121-19038
DRAWN	VMS
CHECKED	RCH
DATE	05/10/2021


CITY OF PUYALLUP
STANDARD NOTES

SHEET 03 OF 45

C0.03

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<http://www.sittshill.com/>

Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS



OVERALL DEMOLITION AND TESC PLAN
SCALE: 1"=50'

APPROVED
BY *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021
NOTE: THIS APPROVAL IS VOID
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ENGINEERING SERVICES
MANAGER.

LEGEND

- SILT FENCE PER DETAIL 04/C1.04
- DEMOLITION
- ASPHALT REMOVAL
- CONCRETE REMOVAL
- REMOVE NOTED FEATURE
- SAWCUT LINE
- CATCH BASIN PROTECTION PER DETAIL 01/C1.04
- LIMITS OF WORK & CLEARING LIMITS
- TREE PROTECTION FENCE PER DETAIL 05/C1.04

GENERAL NOTES

1. MAINTAIN EMERGENCY VEHICLE ACCESS AT ALL TIMES.
2. COMPLY WITH EROSION AND SEDIMENTATION NOTES ON SHEET C0.03.
3. COMPLY WITH NOTE REQUIREMENTS ON SHEET C1.04.
4. PROVIDE CATCH BASIN PROTECTION PER DETAIL 01/C1.04 FOR ALL PROPOSED CATCH BASINS UPON INSTALLATION.
5. CONSTRUCTION ACCESS SHALL BE FROM EXISTING ASPHALT SURFACES. IF ADDITIONAL MEASURES ARE NEEDED TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC ROADS, CONTRACTOR SHALL INSTALL A CONSTRUCTION ENTRANCE PER DETAIL 03/C1.04.
6. IF AT ANY TIME DURING THE CONSTRUCTION IT IS DETERMINED BY THE CITY THAT MUD AND DEBRIS ARE BEING TRACKED ONTO PUBLIC STREETS WITH INSUFFICIENT CLEANUP, ALL WORK SHALL CEASE ON THE PROJECT UNTIL THIS CONDITION IS CORRECTED. THE CONTRACTOR SHALL IMMEDIATELY TAKE ALL STEPS NECESSARY TO PREVENT FUTURE TRACKING OF MUD AND DEBRIS INTO THE PUBLIC ROW, WHICH MAY INCLUDE THE INSTALLATION OF A WHEEL WASH FACILITY ON-SITE.
7. CONTRACTOR SHALL DESIGNATE A WASHINGTON DEPARTMENT OF ECOLOGY CERTIFIED EROSION AND SEDIMENT CONTROL LEADPERSON, AND SHALL COMPLY WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THIS PROJECT.
8. SEDIMENT-LADEN RUNOFF SHALL NOT BE ALLOWED TO DISCHARGE BEYOND THE CONSTRUCTION LIMITS IN ACCORDANCE WITH THE PROJECT'S NPDES GENERAL STORMWATER PERMIT.
9. COMPLY WITH PROJECT SEQUENCE REQUIREMENTS ON SHEET C0.02.
10. SEE LANDSCAPE PLANS FOR TREE RETENTION AND REMOVAL REQUIREMENTS. SEE DETAIL 05/C1.04 FOR TREE PROTECTION FENCING.
11. THE CONTRACTOR SHALL COORDINATE THE APPLICABLE WORK WITH PROJECT PHASING AND SEQUENCING REQUIREMENTS.



HORIZONTAL SCALE: 1"=50'
50 0 50 100



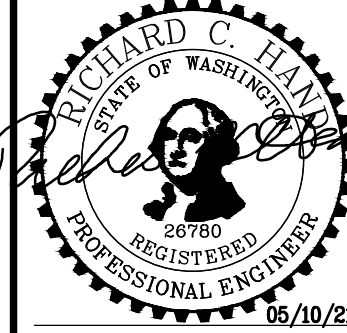
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Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS

REVISIONS

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PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION
3213 WILDWOOD PARK DR. PUYALLUP, WA 98374



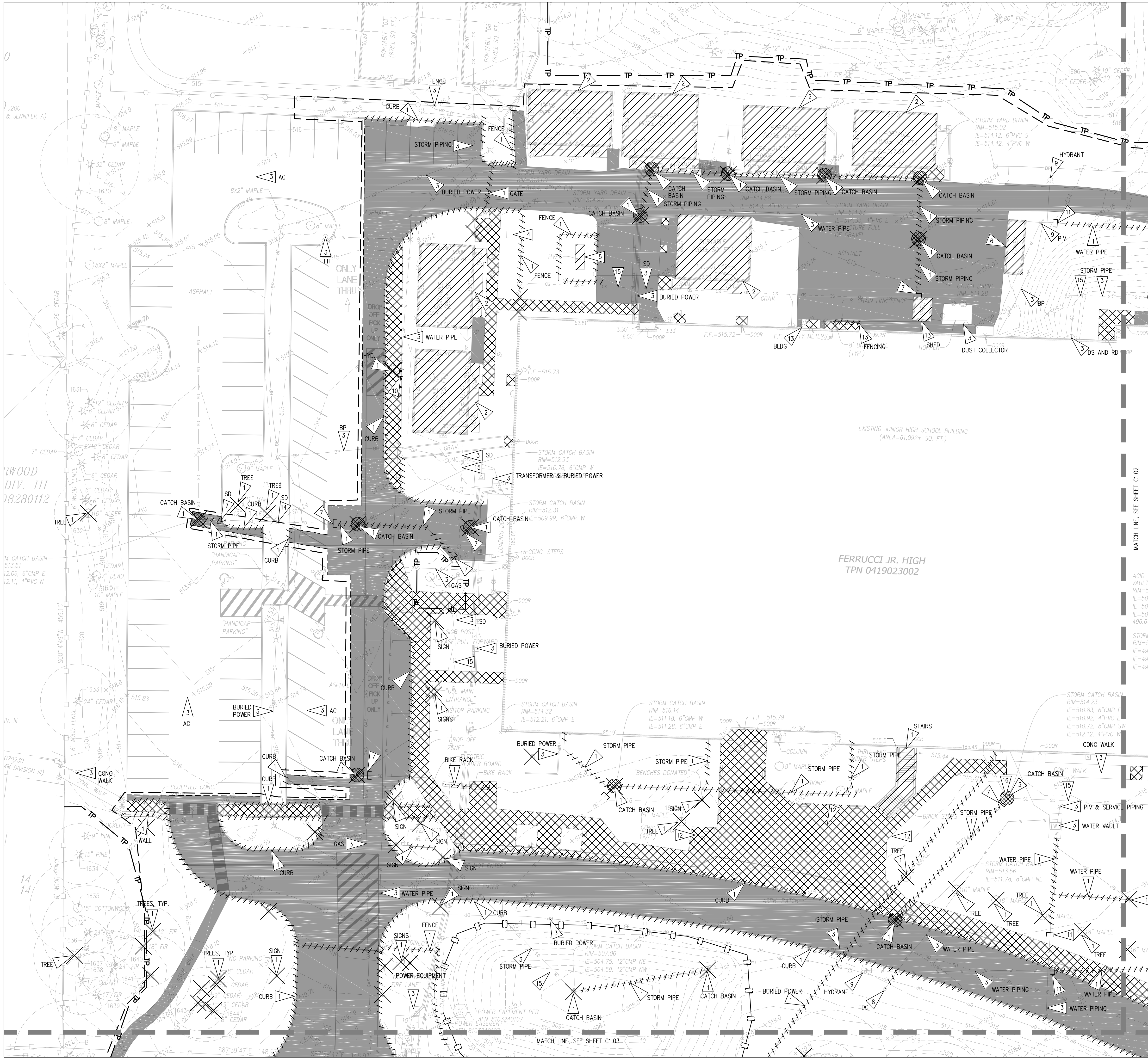
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NAC NO 121-19038
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OVERALL
DEMOLITION AND
TESC PLAN

SHEET 04 OF 45

C1.00



LEGEND

- SILT FENCE PER DETAIL 04/C1.04
- DEMOLITION
- ASPHALT REMOVAL
- CONCRETE REMOVAL
- REMOVE NOTED FEATURE
- SAWCUT LINE
- CATCH BASIN PROTECTION PER DETAIL 01/C1.04
- LIMITS OF WORK & CLEARING LIMITS
- TREE PROTECTION FENCE PER DETAIL 05/C1.04

GENERAL NOTES

1. MAINTAIN EMERGENCY VEHICLE ACCESS AT ALL TIMES.
2. COMPLY WITH EROSION AND SEDIMENTATION NOTES ON SHEET C0.03.
3. COMPLY WITH NOTE REQUIREMENTS ON SHEET C1.04.
4. PROVIDE CATCH BASIN PROTECTION PER DETAIL 01/C1.04 FOR ALL PROPOSED CATCH BASINS UPON INSTALLATION.
5. CONSTRUCTION ACCESS SHALL BE FROM EXISTING ASPHALT SURFACES. IF ADDITIONAL MEASURES ARE NEEDED TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC ROADS, CONTRACTOR SHALL INSTALL A CONSTRUCTION ENTRANCE PER DETAIL 03/C1.04.
6. IF AT ANY TIME DURING THE CONSTRUCTION IT IS DETERMINED BY THE CITY THAT MUD AND DEBRIS ARE BEING TRACKED ONTO PUBLIC STREETS WITH INSUFFICIENT CLEANUP, ALL WORK SHALL CEASE ON THE PROJECT UNTIL THIS CONDITION IS CORRECTED. THE CONTRACTOR SHALL IMMEDIATELY TAKE ALL STEPS NECESSARY TO PREVENT FUTURE TRACKING OF MUD AND DEBRIS INTO THE PUBLIC ROW, WHICH MAY INCLUDE THE INSTALLATION OF A WHEEL WASH FACILITY ON-SITE.
7. CONTRACTOR SHALL DESIGNATE A WASHINGTON DEPARTMENT OF ECOLOGY CERTIFIED EROSION AND SEDIMENT CONTROL LEADPERSON, AND SHALL COMPLY WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THIS PROJECT.
8. SEDIMENT-LADEN RUNOFF SHALL NOT BE ALLOWED TO DISCHARGE BEYOND THE CONSTRUCTION LIMITS IN ACCORDANCE WITH THE PROJECT'S NPDES GENERAL STORMWATER PERMIT.
9. COMPLY WITH PROJECT SEQUENCE REQUIREMENTS ON SHEET C0.02.
10. SEE LANDSCAPE PLANS FOR TREE RETENTION AND REMOVAL REQUIREMENTS. SEE DETAIL 05/C1.04 FOR TREE PROTECTION FENCING.
11. THE CONTRACTOR SHALL COORDINATE THE APPLICABLE WORK WITH THE PROJECT PHASING AND SEQUENCING REQUIREMENTS.

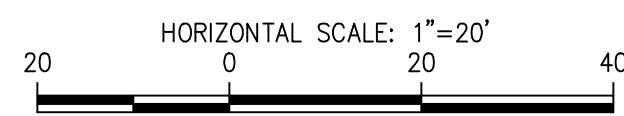
KEY NOTES

- 1 DEMOLISH EXISTING FEATURE AS NOTED PER PLAN.
- 2 EXISTING PORTABLE BUILDING, RAMPS, AND DECKING TO BE REMOVED IN ACCORDANCE WITH PHASING PLAN. SEE ARCHITECTURAL.
- 3 PROTECT EXISTING FEATURE AS NOTED PER PLAN.
- 4 DECOMMISSION EXISTING TANK. PUMP OUT LIQUID FROM (2) EXISTING 1500 GALLON (ESTIMATED) FORMER HVAC WATER COOLING TANKS, AND DISPOSE OF AS SEWAGE WASTE. ABANDON TANKS IN PLACE BY FILLING WITH CDF.
- 5 EXISTING HVAC EQUIPMENT TO BE RELOCATED. COORDINATE WITH OWNER AND MECHANICAL.
- 6 EXISTING CONEX BOX TO BE RELOCATED. COORDINATE WITH OWNER.
- 7 CAP EXISTING UTILITY.
- 8 SALVAGE EXISTING FEATURE FOR REINSTALLATION.
- 9 PROTECT EXISTING FEATURE, ADJUST TO MATCH PROPOSED GRADE.
- 10 REMOVE EXISTING FIRE HYDRANT AND 6" GATE VALVE AND INSTALL 6" BLIND FLANGE ON TEE.
- 11 TEMPORARILY CAP EXISTING WATER MAIN THAT WILL REMAIN TO PREVENT POSSIBLE CONTAMINATION.
- 12 MAINTAIN EXISTING CONCRETE SURFACE OR RUBBLIZE EXISTING CONCRETE SURFACE FOR PHASE 1 TEMPORARY CONSTRUCTION ACCESS.
- 13 COORDINATE W/ ARCHITECTURAL PLANS FOR REQUIRED BUILDING DEMO.
- 14 ABANDON UTILITY.
- 15 JET CLEAN AND TV EXISTING STORM DRAIN BETWEEN STRUCTURES.
- 16 VACTOR CLEAN EXISTING CATCH BASIN STRUCTURES.

DEMOLITION AND TESC PLAN

SCALE: 1"=20'

APPROVED
BY *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
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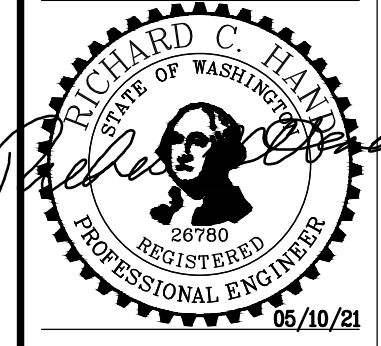
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Proj. Engineer: VMS Proj. Drafter: VMS

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PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
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3213 WILLOW PARK DR. PUYALLUP, WA 98374



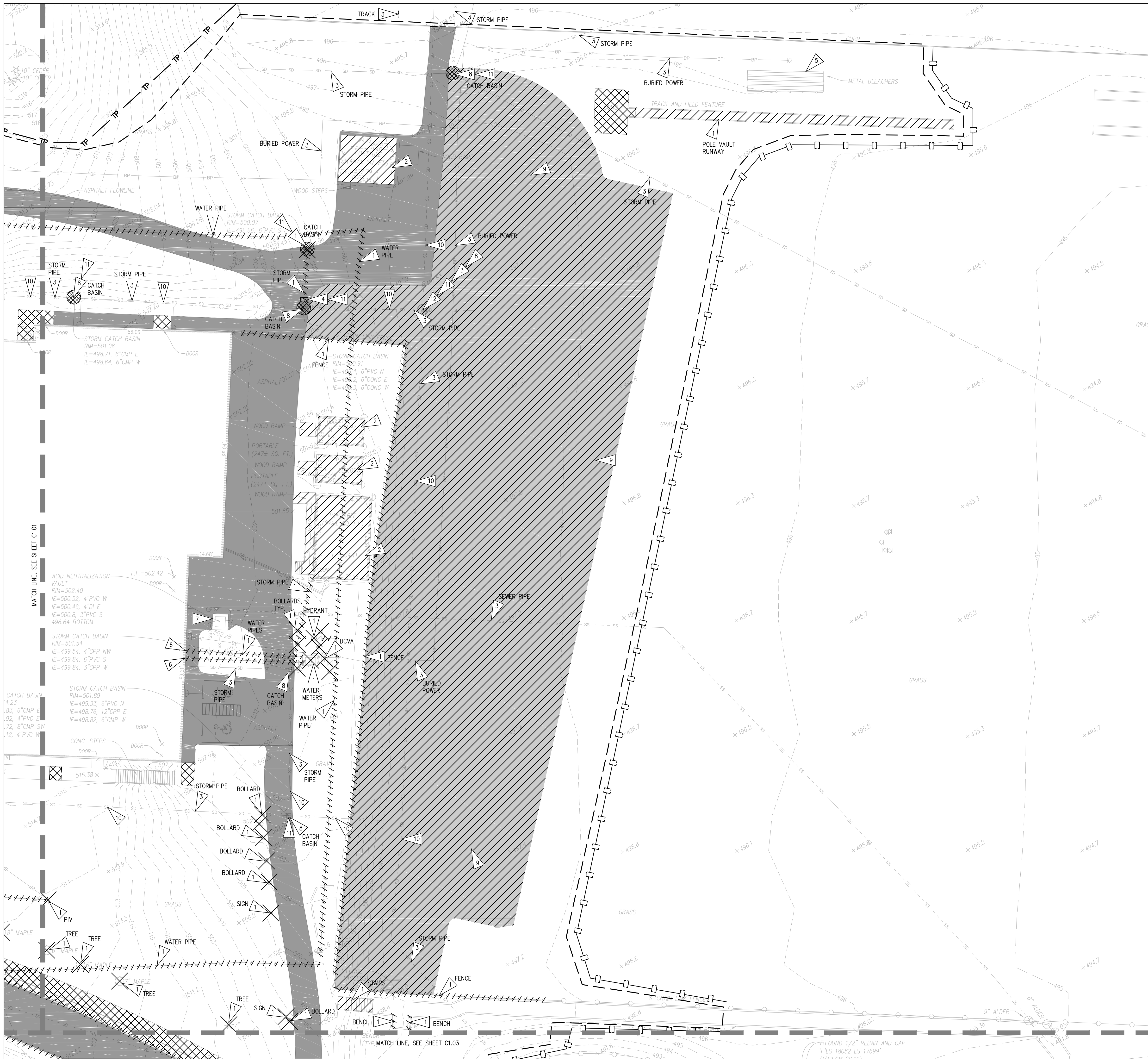
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DEMOLITION AND
TESC PLAN

SHEET 05 OF 45

C1.01



LEGEND

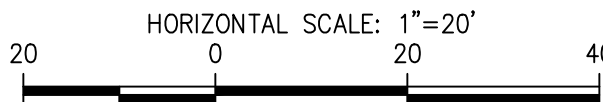
- SILT FENCE PER DETAIL 04/C1.04
- DEMOLITION
- ASPHALT REMOVAL
- CONCRETE REMOVAL
- REMOVE NOTED FEATURE
- SAWCUT LINE
- CATCH BASIN PROTECTION PER DETAIL 01/C1.04
- LIMITS OF WORK & CLEARING LIMITS
- TP TREE PROTECTION FENCE PER DETAIL 05/C1.04
- STRIP EXISTING SOD AND PROVIDE PHASE 1 CONSTRUCTION ACCESS/STAGING LAY DOWN PAD PER DETAIL 03/C1.04 AND 09/C3.04

GENERAL NOTES

1. MAINTAIN EMERGENCY VEHICLE ACCESS AT ALL TIME
2. COMPLY WITH EROSION AND SEDIMENTATION NOTES ON SHEET C0.03.
3. COMPLY WITH NOTE REQUIREMENTS ON SHEET C1.04.
4. PROVIDE CATCH BASIN PROTECTION PER DETAIL 01/C1.04 FOR ALL PROPOSED CATCH BASINS UPON INSTALLATION.
5. CONSTRUCTION ACCESS SHALL BE FROM EXISTING ASPHALT SURFACES. IF ADDITIONAL MEASURES ARE NEEDED TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC ROADS, CONTRACTOR SHALL INSTALL A CONSTRUCTION ENTRANCE PER DETAIL 03/C1.04.
6. IF AT ANY TIME DURING THE CONSTRUCTION IT IS DETERMINED BY THE CITY THAT MUD AND DEBRIS ARE BEING TRACKED ONTO PUBLIC STREETS WITH INSUFFICIENT CLEANUP, ALL WORK SHALL CEASE ON THE PROJECT UNTIL THIS CONDITION IS CORRECTED. THE CONTRACTOR SHALL IMMEDIATELY TAKE ALL STEPS NECESSARY TO PREVENT FUTURE TRACKING OF MUD AND DEBRIS INTO THE PUBLIC ROW, WHICH MAY INCLUDE THE INSTALLATION OF A WHEEL WASH FACILITY ON-SITE.
7. CONTRACTOR SHALL DESIGNATE A WASHINGTON DEPARTMENT OF ECOLOGY CERTIFIED EROSION AND SEDIMENT CONTROL LEADPERSON, AND SHALL COMPLY WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THIS PROJECT.
8. SEDIMENT-LADEN RUNOFF SHALL NOT BE ALLOWED TO DISCHARGE BEYOND THE CONSTRUCTION LIMITS IN ACCORDANCE WITH THE PROJECT'S NPDES GENERAL STORMWATER PERMIT.
9. COMPLY WITH PROJECT SEQUENCE REQUIREMENTS ON SHEET C0.02.
10. SEE LANDSCAPE PLANS FOR TREE RETENTION AND REMOVAL REQUIREMENTS. SEE DETAIL 05/C1.04 FOR TREE PROTECTION FENCING.
11. THE CONTRACTOR SHALL COORDINATE THE APPLICABLE WORK WITH THE PROJECT PHASING AND SEQUENCING REQUIREMENTS.

KEY NOTES

- 1 DEMOLISH EXISTING FEATURE AS NOTED PER PLAN.
- 2 EXISTING PORTABLE, RAMPS, AND DECKING TO BE REMOVED IN ACCORDANCE WITH PHASING PLAN. SEE ARCHITECTURAL.
- 3 PROTECT EXISTING FEATURE AS NOTED PER PLAN.
- 4 CAP EXISTING UTILITY.
- 5 RELOCATE BLEACHERS PER LANDSCAPE PLANS.
- 6 COORDINATE DEMOLITION OF BUILDING SERVICE WITH MECHANICAL.
- 7 DEMOLISH EXISTING VAULT AND SALVAGE EXISTING ACID NEUTRALIZATION TANK FOR REINSTALLATION IN NEW VAULT. SEE C4.02 FOR LOCATION.
- 8 PROTECT EXISTING FEATURE, ADJUST TO MATCH PROPOSED GRADE.
- 9 PROVIDE FILL TO SUBGRADE PER DETAIL 09/C3.04
- 10 JET CLEAN AND TV EXISTING STORM DRAIN BETWEEN EXISTING STORM STRUCTURES
- 11 VACTOR CLEAN EX CATCH BASIN STRUCTURES
- 12 ESTIMATED LOCATION OF EXISTING CATCH BASIN PER RECORD DRAWINGS. LOCATE AND FIND.



DEMOLITION AND TESC PLAN

SCALE: 1"=20'



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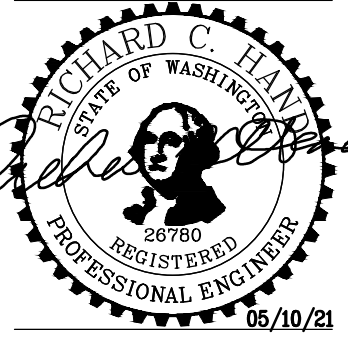
Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS

APPROVED
BY: *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE: 5/13/2021
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
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REVISIONS

PERMIT
RESUBMITTAL

PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION
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DEMOLITION AND
TESC PLAN

SHEET 06 OF 45

C1.02

LEGEND

- [] [] SILT FENCE PER DETAIL 04/C1.04
- DEMOLITION
- ASPHALT REMOVAL
- CONCRETE REMOVAL
- REMOVE NOTED FEATURE
- SAWCUT LINE
- CATCH BASIN PROTECTION PER DETAIL 01/C1.04
- LIMITS OF WORK & CLEARING LIMITS
- TP TREE PROTECTION FENCE PER DETAIL 05/C1.04

GENERAL NOTES

1. MAINTAIN EMERGENCY VEHICLE ACCESS AT ALL TIMES.
2. COMPLY WITH EROSION AND SEDIMENTATION NOTES ON SHEET C0.03.
3. COMPLY WITH NOTE REQUIREMENTS ON SHEET C1.04.
4. PROVIDE CATCH BASIN PROTECTION PER DETAIL 01/C1.04 FOR ALL PROPOSED CATCH BASINS UPON INSTALLATION.
5. CONSTRUCTION ACCESS SHALL BE FROM EXISTING ASPHALT SURFACES. IF ADDITIONAL MEASURES ARE NEEDED TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC ROADS, CONTRACTOR SHALL INSTALL A CONSTRUCTION ENTRANCE PER DETAIL 03/C1.04.
6. IF AT ANY TIME DURING THE CONSTRUCTION IT IS DETERMINED BY THE CITY THAT MUD AND DEBRIS ARE BEING TRACKED ONTO PUBLIC STREETS WITH INSUFFICIENT CLEANUP, ALL WORK SHALL CEASE ON THE PROJECT UNTIL THIS CONDITION IS CORRECTED. THE CONTRACTOR SHALL IMMEDIATELY TAKE ALL STEPS NECESSARY TO PREVENT FUTURE TRACKING OF MUD AND DEBRIS INTO THE PUBLIC ROW, WHICH MAY INCLUDE THE INSTALLATION OF A WHEEL WASH FACILITY ON-SITE.
7. CONTRACTOR SHALL DESIGNATE A WASHINGTON DEPARTMENT OF ECOLOGY CERTIFIED EROSION AND SEDIMENT CONTROL LEADPERSON, AND SHALL COMPLY WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THIS PROJECT.
8. SEDIMENT-LADEN RUNOFF SHALL NOT BE ALLOWED TO DISCHARGE BEYOND THE CONSTRUCTION LIMITS IN ACCORDANCE WITH THE PROJECT'S NPDES GENERAL STORMWATER PERMIT.
9. COMPLY WITH PROJECT SEQUENCE REQUIREMENTS ON SHEET C0.02.
10. SEE LANDSCAPE PLANS FOR TREE RETENTION AND REMOVAL REQUIREMENTS. SEE DETAIL 05/C1.04 FOR TREE PROTECTION FENCING.
11. THE CONTRACTOR SHALL COORDINATE THE APPLICABLE WORK WITH PROJECT PHASING AND SEQUENCING REQUIREMENTS.

KEY NOTES

- 1 DEMOLISH EXISTING FEATURE AS NOTED PER PLAN.
- 2 PROTECT EXISTING FEATURE AS NOTED PER PLAN.
- 3 PROTECT FEATURE TO BE ADJUSTED TO MATCH PROPOSED GRADE.
- 4 ABANDON UTILITY.

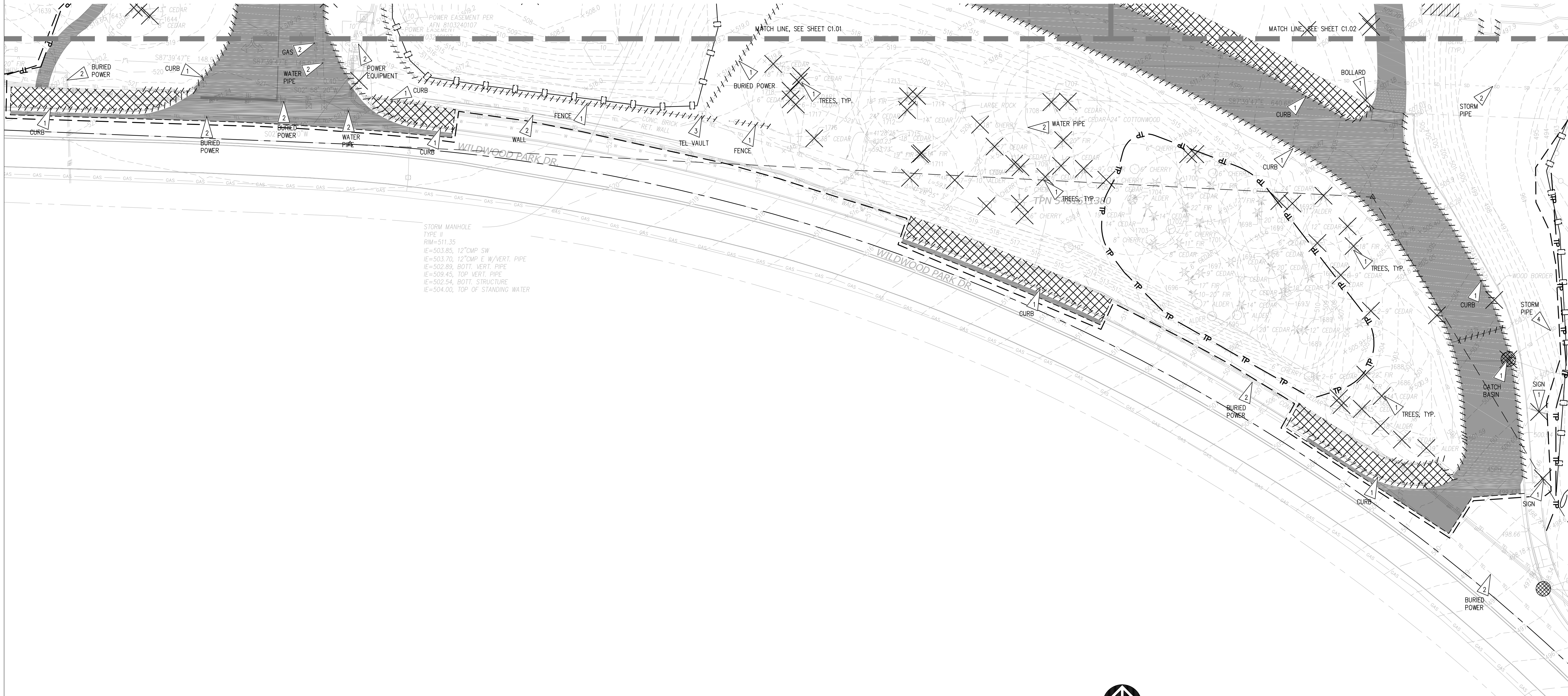
APPROVED

BY *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.

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DEMOLITION AND TESC PLAN

SCALE: 1"=20'



HORIZONTAL SCALE: 1"=20'
0 20 40



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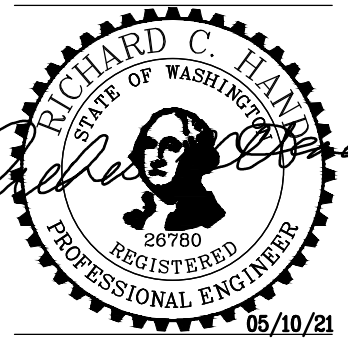
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PHONE: (253) 474-9449 | FAX: (253) 474-0153
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Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS

REVISIONS

PERMIT
RESUBMITTAL

PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION
3213 WILDWOOD PARK DR. PUYALLUP, WA 98374



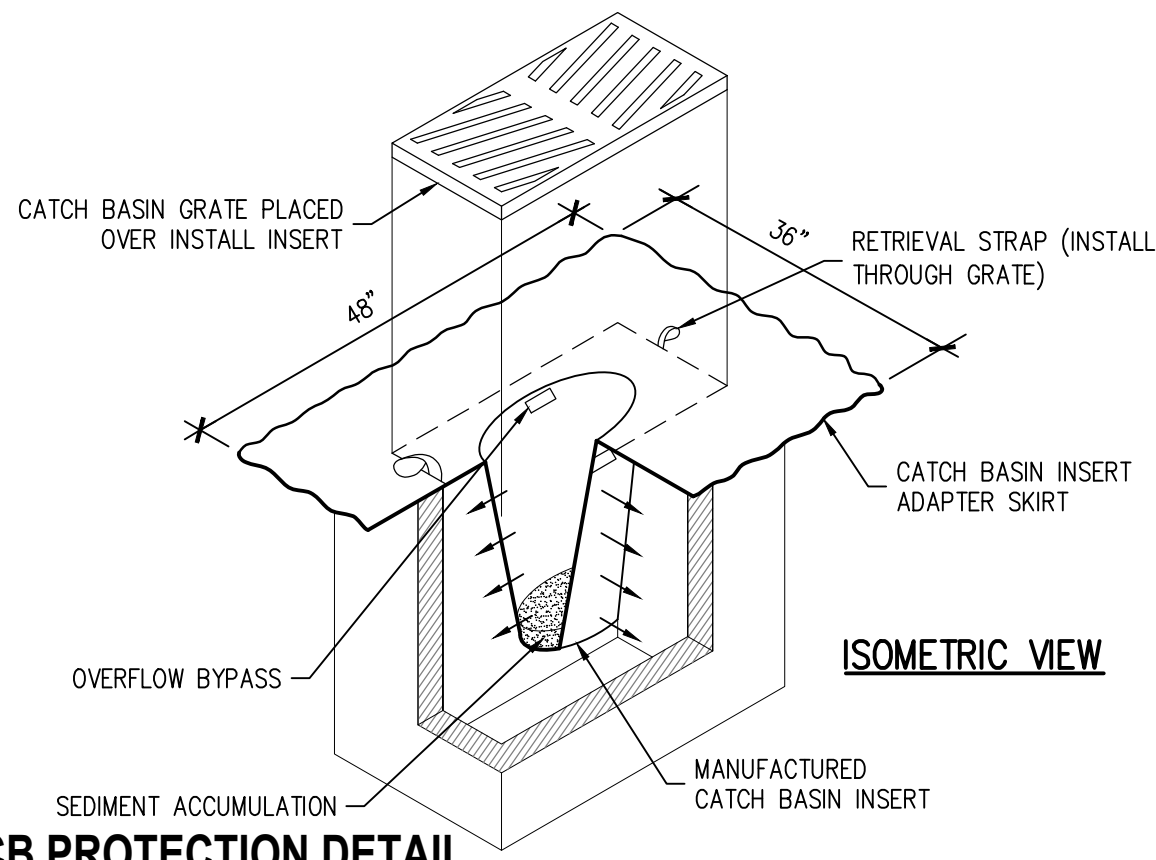
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NAC NO 121-19038
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DEMOLITION AND
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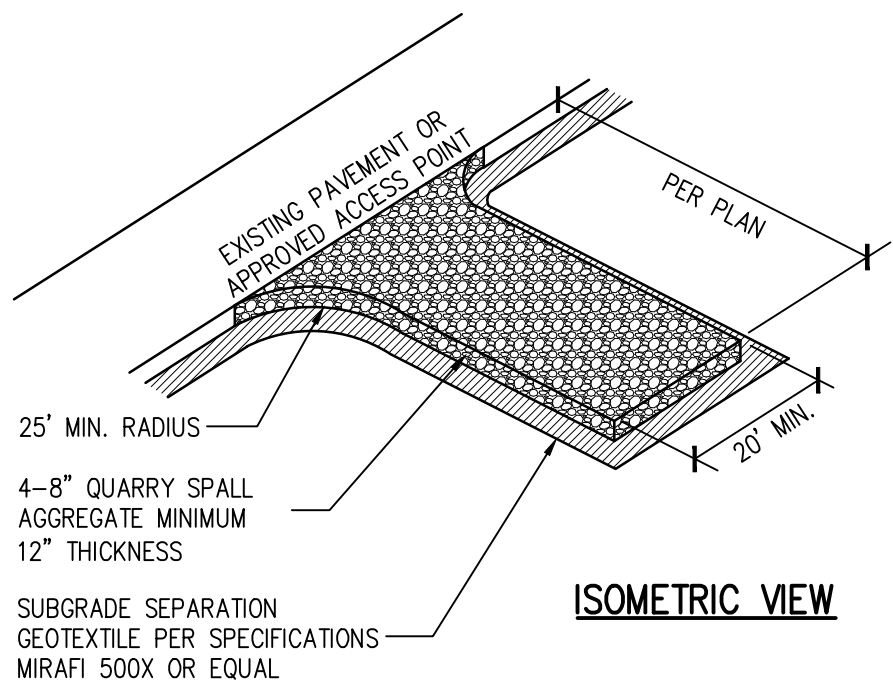
SHEET 07 OF 45

C1.03



01 CB PROTECTION DETAIL

SCALE: N.T.S.



03 CONSTRUCTION ENTRANCE

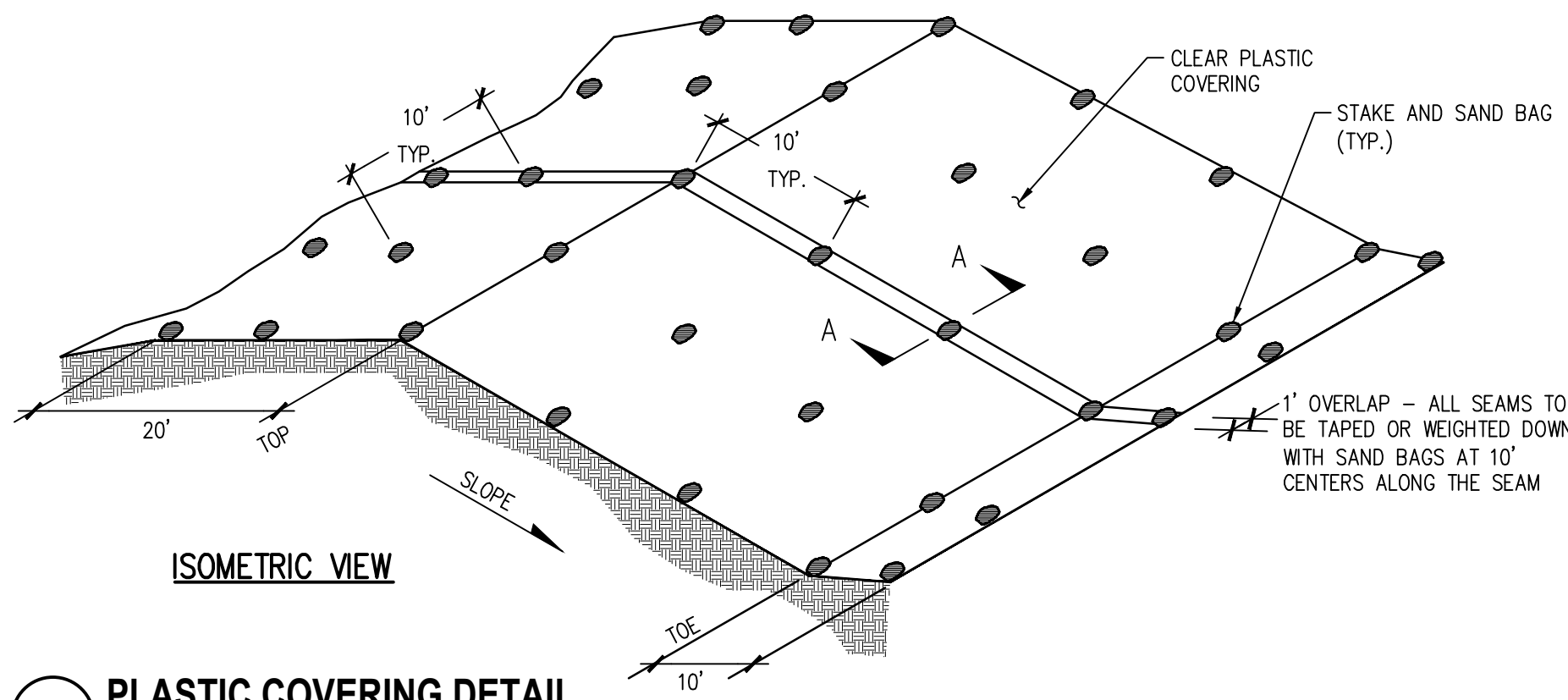
SCALE: N.T.S.

STOCKPILE NOTES

- STOCKPILES SHALL BE STABILIZED (WITH PLASTIC COVERING OR OTHER APPROVED DEVICE) DAILY BETWEEN OCTOBER 1 AND APRIL 30.
- IN ANY SEASON, SEDIMENT LEACHING FROM STOCKPILES MUST BE PREVENTED.
- TOPSOIL SHALL NOT BE PLACED WHILE IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBGRADE IS EXCESSIVELY WET OR WHEN CONDITIONS EXIST THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING OR PROPOSED SODDING OR SEEDING.
- PREVIOUSLY ESTABLISHED GRADES ON THE AREAS TO BE TOPSOILED SHALL BE MAINTAINED ACCORDING TO THE APPROVED PLAN.

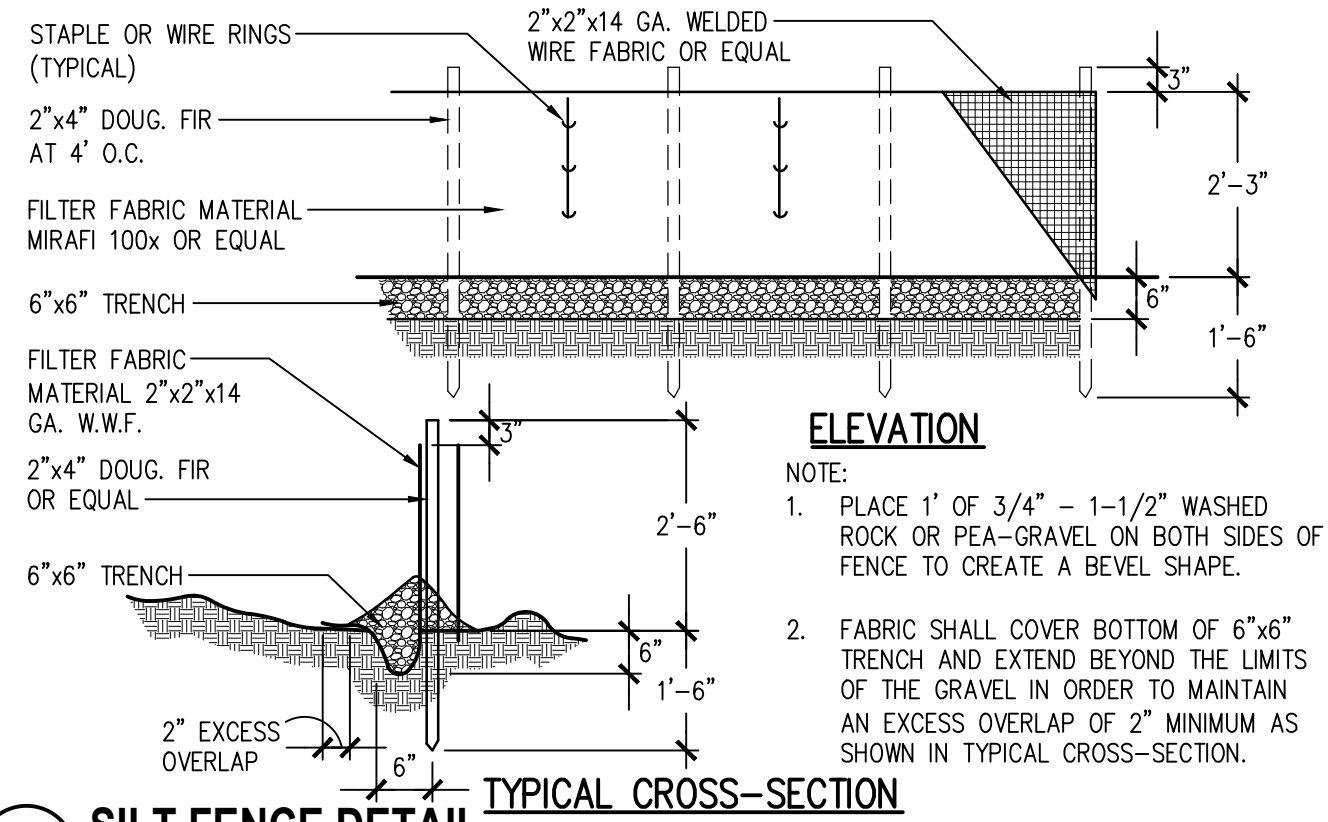
POLLUTION PREVENTION NOTES

- EQUIPMENT LUBRICATION AND FUELING OPERATIONS SHALL OCCUR AT EXISTING PAVED AREAS.
- PREVENT OILS AND FUELS FROM ENTERING THE STORM DRAINAGE SYSTEM WITH PROPER SPILL PREVENTION, CONTROL AND COUNTERMEASURE POLICIES.
- ACCESS TO CONSTRUCTION IS VIA ADJACENT EXISTING PAVED STREETS. SWEEP DIRT FROM PAVING DAILY OR AS NEEDED. THE INTENT IS TO PREVENT DIRT AND DEBRIS FROM VEHICLES AND EQUIPMENT FROM BEING DEPOSITED ON CITY STREET PAVEMENT. PROTECT EXISTING PERMEABLE PAVEMENTS. USE A REGENERATIVE VACUUM SWEEPER FOR PERMEABLE PAVEMENTS.
- THE PROJECT SHALL COMPLY WITH 2017 DOE CONSTRUCTION STORMWATER, GENERAL PERMIT REQUIREMENTS AND PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) REQUIREMENTS. SEE SPECIFICATIONS.



02 PLASTIC COVERING DETAIL

SCALE: N.T.S.



04 SILT FENCE DETAIL

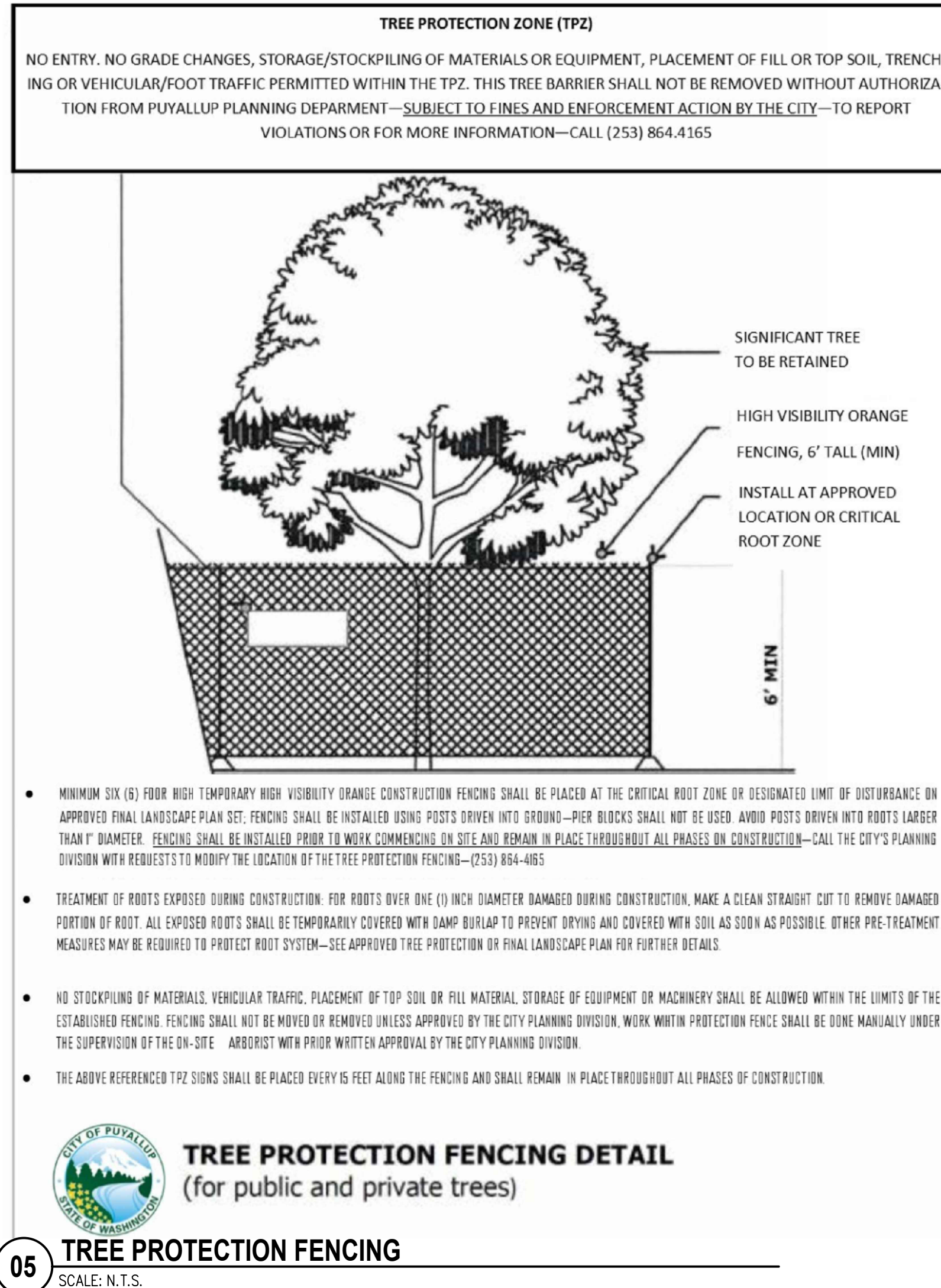
SCALE: N.T.S.

EROSION CONTROL MAINTENANCE SCHEDULE

- EROSION CONTROL FACILITIES SHALL BE INSPECTED AFTER EACH HEAVY RAINFALL EVENT AND REPAIRED OR REVISED FOR IMPROVED EFFECTIVENESS AS NECESSARY.
- ALL VEHICLES AND EQUIPMENT TO BE ROUTED OVER CONSTRUCTION ENTRANCES PRIOR TO LEAVING THE SITE.
- DEBRIS TRACKED ONTO THE PAVEMENT SURFACES SHALL BE SWEEPED UP PRIOR TO THE END OF EACH WORKING DAY. CARE MUST BE TAKEN TO KEEP DIRT OUT OF DRAINAGE STRUCTURES AND PUBLIC ROW.

INSPECTION, MONITORING, DOCUMENTATION AND REPORTING SCHEDULE

- EROSION AND SEDIMENT CONTROL (ESC) FACILITIES SHALL NOT BE ALLOWED TO FALL INTO DISREPAIR. THE CONTRACTOR'S TESC LEAD SHALL INSPECT ALL PROJECT FACILITIES IN ACCORDANCE W/DOE NPDES CONSTRUCTION STORMWATER POLLUTION REQUIREMENTS.
- THE ESC LEAD SHALL IMPLEMENT THE TESC PLAN. IMPLEMENTATION SHALL INCLUDE BUT IS NOT LIMITED TO: INSTALLING, MAINTAINING, INSPECTING MONITORING, DOCUMENTING, REPORTING AND REPAIRING ALL TEMPORARY EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES INCLUDED IN THE PLAN. SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY FIVE WORKING DAYS, EACH WORKING DAY DURING A RUNOFF PRODUCING RAIN EVENT, AND WITHIN 24 HOURS AFTER A RUNOFF PRODUCING RAIN EVENT. ALL PROJECT CONSTRUCTION STORMWATER DISCHARGES SHALL COMPLY W/DOE DISCHARGE REQUIREMENTS.



05 TREE PROTECTION FENCING

SCALE: N.T.S.

PLASTIC COVERING NOTES

- PLASTIC SHEETING SHALL HAVE A MINIMUM THICKNESS OF 6 MILS AND SHALL MEET THE REQUIREMENTS OF THE STATE STANDARD SPECIFICATIONS SECTION 9-14.6(3).
- COVERING SHALL BE INSTALLED AND MAINTAINED TIGHTLY IN PLACE BY USING SANDBAGS OR TIRES ON ROPES WITH A MAXIMUM 10-FOOT GRID SPACING IN ALL DIRECTIONS. ALL SEAMS SHALL BE TAPED OR WEIGHTED DOWN FULL LENGTH AND THERE SHALL BE AT LEAST A 12-INCH OVERLAP OF ALL SEAMS.
- CLEAR PLASTIC COVERING SHALL BE INSTALLED IMMEDIATELY ON AREAS SEEDED BETWEEN OCTOBER 1 AND APRIL 30 AND REMAIN UNTIL VEGETATION IS FIRMLY ESTABLISHED.
- WHEN THE COVERING IS USED ON UN-SEEDED SLOPES, IT SHALL BE KEPT IN PLACE UNTIL THE NEXT SEEDING PERIOD.
- PLASTIC COVERING SHEETS SHALL BE BURIED TWO FEET AT THE TOP OF SLOPES IN ORDER TO PREVENT SURFACE WATER FLOW BENEATH SHEETS.
- PROPER MAINTENANCE INCLUDES REGULAR CHECKS FOR RIPS AND DISLODGED ENDS.

SILT FENCE NOTES

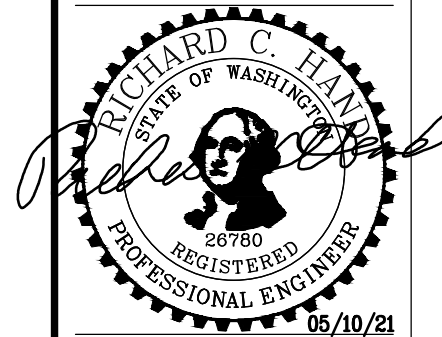
- FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL AND CUT TO THE LENGTH OF THE BARRIER TO AVOID USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST WITH A MINIMUM 6 INCH OVERLAP, AND SECURELY FASTENED AT BOTH ENDS TO POSTS.
- POSTS SHALL BE SPACED A MAXIMUM OF 6 FEET APART AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 30 INCHES).
- A TRENCH SHALL BE EXCAVATED APPROXIMATELY 8 INCHES WIDE AND 12 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER. THIS TRENCH SHALL BE BACKFILLED WITH WASHED GRAVEL.
- WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES AT LEAST 1 INCH LONG. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 4 INCHES AND SHALL NOT EXTEND MORE THAN 24 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
- THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 20 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 24 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
- WHEN EXTRA-STRENGTH FILTER FABRIC AND CLOSER POST SPACING IS USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISION OF ABOVE NOTES APPLYING.
- FILTER FABRIC FENCES SHALL NOT BE REMOVED BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.
- FILTER FABRIC FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
- SILT FENCES WILL BE INSTALLED PARALLEL TO ANY SLOPE CONTOURS.

APPROVED
BY *Joseph B. Key*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021
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REVISIONS

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RESUBMITTAL

PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION
3213 WILLOW PARK DR PUYALLUP, WA 98374



NAC NO	121-19038
DRAWN	VMS
CHECKED	RCH
DATE	05/10/2021

DEMOLITION AND
TESC NOTES AND
DETAILS

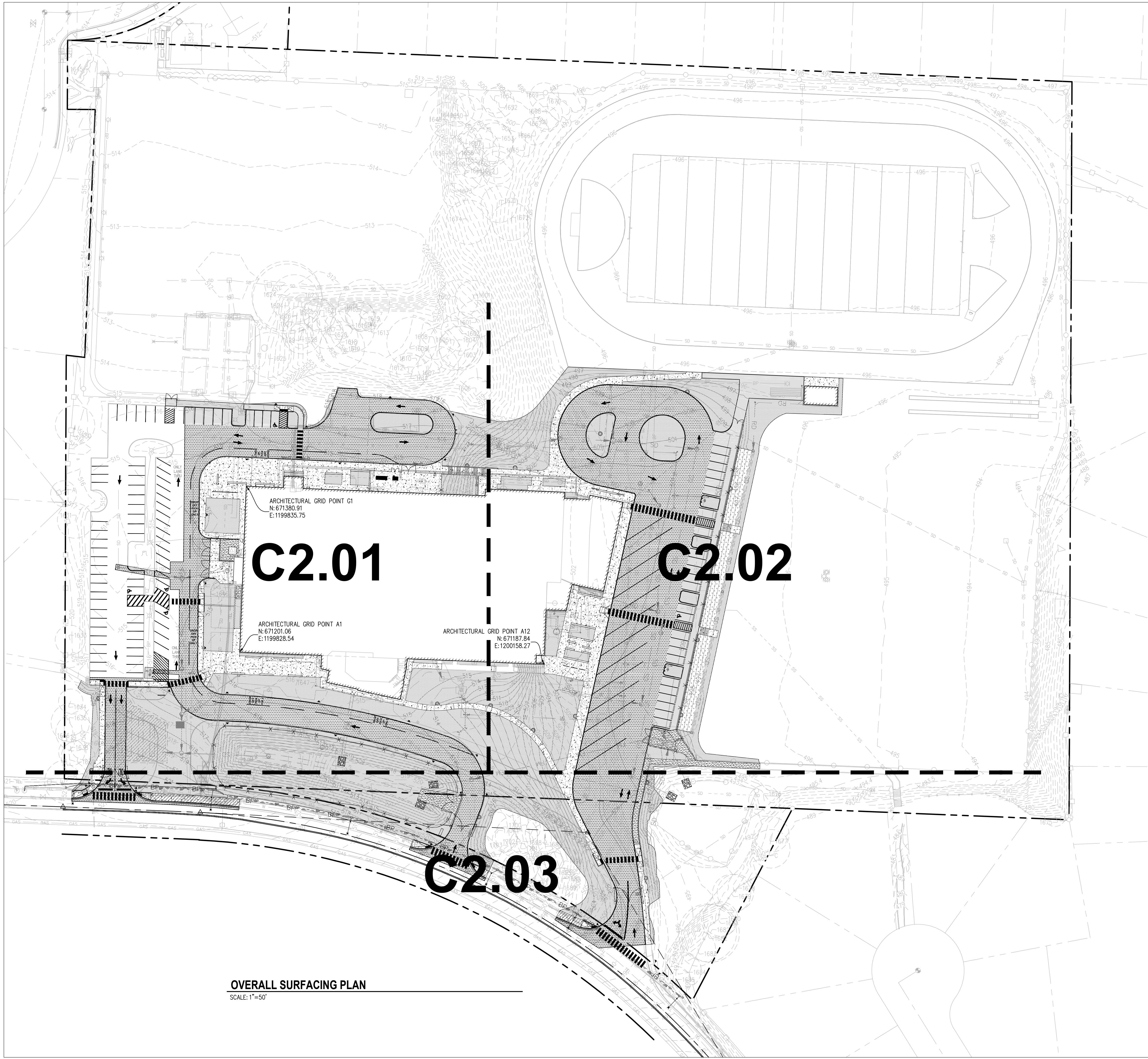
SHEET 08 OF 45

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Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS





OVERALL SURFACING PLAN
SCALE: 1"=50'

APPROVED
BY *[Signature]*
CITY OF PUYALLUP
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MANAGER.

- LEGEND**
PROPOSED FEATURES-
- LIGHT DUTY ASPHALT PAVEMENT PER DETAIL 01/C2.04
 - HEAVY DUTY ASPHALT PAVEMENT PER DETAIL 02/C2.04
 - CONCRETE WALK, SEE LANDSCAPE PLANS
 - PERVIOUS CONCRETE SIDEWALK PER DETAIL 04/C2.05
 - SEE LANDSCAPE PLANS FOR SURFACING REQUIREMENTS
 - GRAVEL SURFACING, SEE LANDSCAPE PLANS
 - CAST-IN-PLACE CONCRETE CURB PER DETAIL 05/C2.04
 - CHAIN LINK FENCING, SEE LANDSCAPE PLANS

- GENERAL NOTES**
- ALL RADI AND DIMENSIONS ARE TO THE FACE OF CURB, FACE OF WALL, FACE OF BUILDING, FLOWLINE OR FACE OF SIDEWALK, UNLESS OTHERWISE NOTED.
 - ALL PAVEMENT MARKINGS SHALL BE PAINT APPLIED IN TWO (2) APPLICATIONS. THE TIME PERIOD BETWEEN APPLICATIONS SHALL BE IN ACCORDANCE WITH WSDOT SPECIFICATION SECTION 8-22.3. PAINT SHALL BE TOP-COATED WITH GLASS BEADS PER WSDOT SPECIFICATION SECTION 8-22.3(3)G. PARKING STALL PAINT STRIPING SHALL BE 4" WIDE WHITE PAINT.
 - SEE LANDSCAPE PLANS FOR LANDSCAPING, IRRIGATION, NON-VEHICULAR PAVEMENT PAINT, SIDEWALKS, STAIRS, FENCING, GATES AND OTHER SURFACE FEATURES SHOWN HEREIN.
 - WHERE CONFLICTS OCCUR BETWEEN PLACEMENT OF NEW FACILITIES, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BY THE CONTRACTOR, AND WILL BE RESOLVED BY THE ENGINEER.
 - ANY CURB, GUTTER, SIDEWALK OR OTHER EXISTING IMPROVEMENTS WHICH ARE DAMAGED NOW OR DURING THE COURSE OF CONSTRUCTION, OR WHICH DO NOT MEET CURRENT CITY OF PUYALLUP STANDARDS, SHALL BE REPLACED.
 - ALL ASPHALT PAVEMENT JOINT SECTIONS SHALL BE INSTALLED PER DETAIL 03/C2.04.



HORIZONTAL SCALE: 1"=50'
50 0 50 100



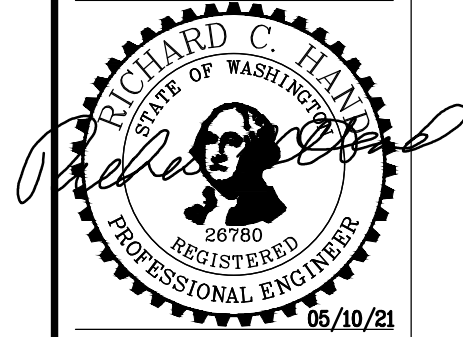
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Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS

REVISIONS

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PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION
3213 WILDWOOD PARK DR. PUYALLUP, WA. 98374



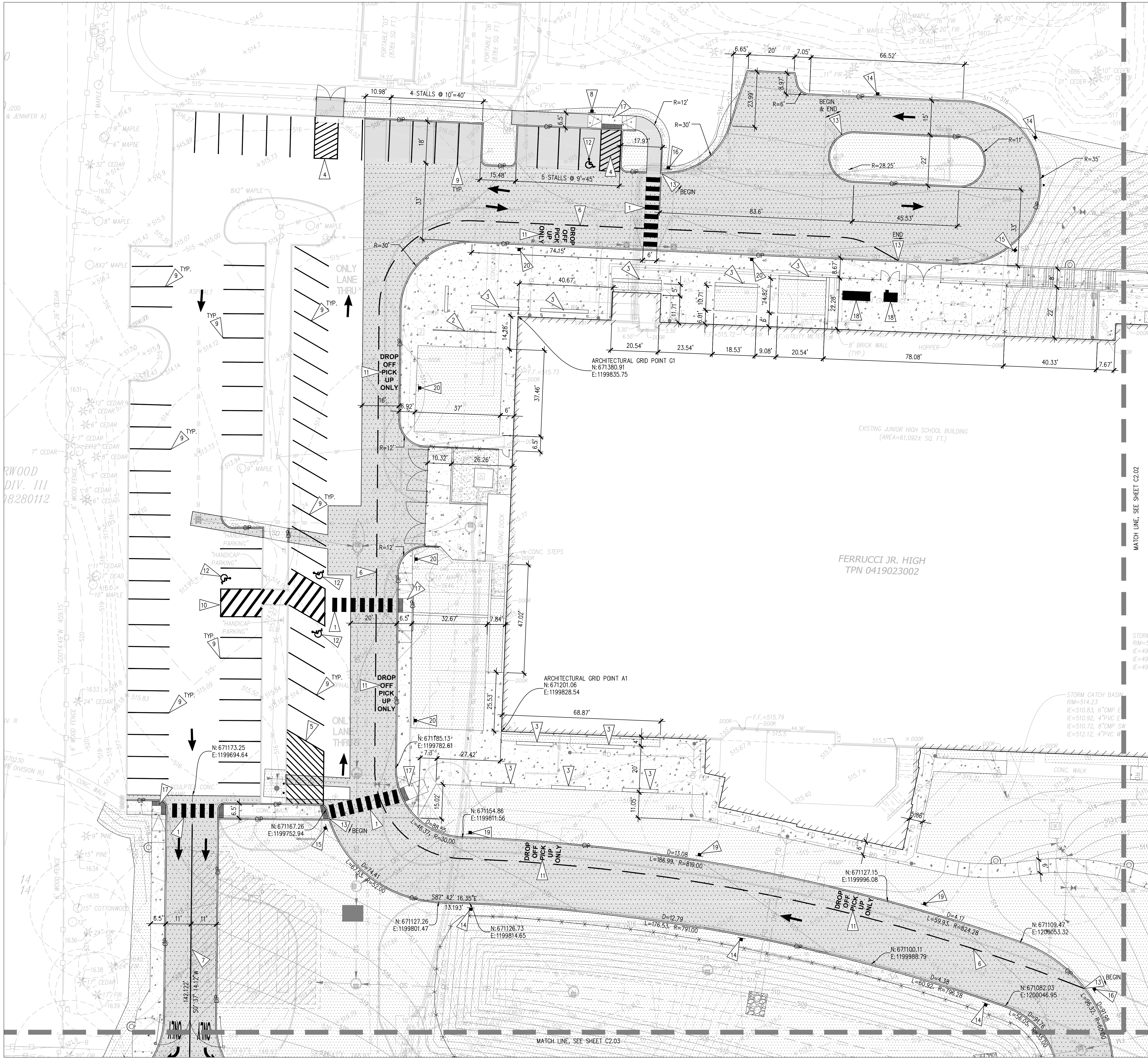
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nacarchitecture.com
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SEATTLE WA 98121
P:206.441.4522

NAC NO 121-19038
DRAWN VMS
CHECKED RCH
DATE 05/10/2021

OVERALL
SURFACING PLAN

SHEET 09 OF 45

C2.00



LEGEND

PROPOSED FEATURES-

- LIGHT DUTY ASPHALT PAVEMENT PER DETAIL 01/C2.04
- HEAVY DUTY ASPHALT PAVEMENT PER DETAIL 02/C2.04
- CONCRETE WALK, SEE LANDSCAPE PLANS
- SEE LANDSCAPE PLANS FOR SURFACING REQUIREMENTS
- CAST-IN-PLACE CONCRETE CURB PER DETAIL 05/C2.04
- CHAIN LINK FENCING, SEE LANDSCAPE PLANS
- PAVEMENT STRIPING, TYPE PER PLAN
- SIGNAGE, TYPE PER PLAN
- PAVEMENT ARROW PER DETAIL 11/C2.04
- ADA PARKING STALL MARKING PER DETAIL 09/C2.04
- ONLY PAVEMENT MARKER PER DETAIL 12/C2.04

GENERAL NOTES

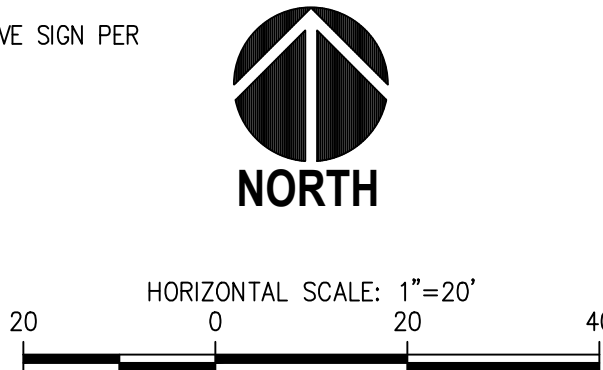
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- ALL ASPHALT PAVEMENT JOINT SECTIONS SHALL BE INSTALLED PER DETAIL 03/C2.04.

KEY NOTES

- CROSSWALK PER DETAIL 04/C2.04.
- BIKE PARKING RACK PER LANDSCAPE.
- BENCH PER LANDSCAPE.
- ADA LOADING/UNLOADING PAINT STRIPING PER DETAIL 10/C2.04.
- 4" WIDE RED PAINT STRIPING SIMILAR TO DETAIL 10/C2.04.
- 4" WIDE WHITE PAINT STRIPING. 8' STRIPE LENGTH W/ 4' GAP LENGTH.
- 4" WIDE WHITE PAINT STRIPE.
- ADA PARKING SIGN PER 03/C2.05 MOUNTED ON POST PER DETAIL 02/C2.05.
- 4" WIDE WHITE PARKING STALL PAINT STRIPE.
- REFRESH EXISTING WHITE PAINT STRIPING.
- 24" WHITE PAINT LETTERING TO READ "DROP OFF PICK UP ONLY".
- DISABLED PERSONS PAINT MARKING.
- PAINT CURB RED COLOR PER DETAIL 08/C2.04.
- NO PARKING FIRE LANE SIGN PER DETAIL 05/C2.05 TYPE A.
- NO PARKING FIRE LANE SIGN PER DETAIL 05/C2.05 TYPE B.
- NO PARKING FIRE LANE SIGN PER DETAIL 05/C2.05 TYPE C.
- CURB RAMP PER C3.01.
- MECHANICAL EQUIPMENT PER MECHANICAL PLANS.
- SIGN PER DETAIL 05/C2.05 TYPE D MOUNTED ABOVE SIGN PER DETAIL 05/C2.05 TYPE E. 100' MAXIMUM SPACING BETWEEN SIGNS.
- SIGN PER DETAIL 05/C2.05 TYPE D MOUNTED ABOVE SIGN PER DETAIL 05/C2.05 TYPE F.

SURFACING PLAN

SCALE: 1"=20'



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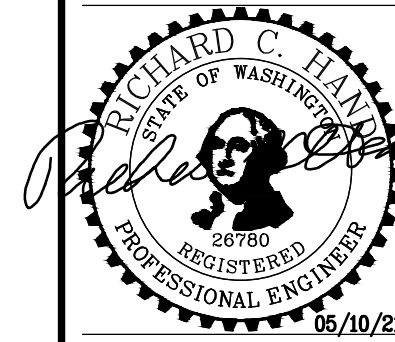
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Proj. Engineer:	VMS	Proj. Drafter:	VMS

APPROVED
BY: *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
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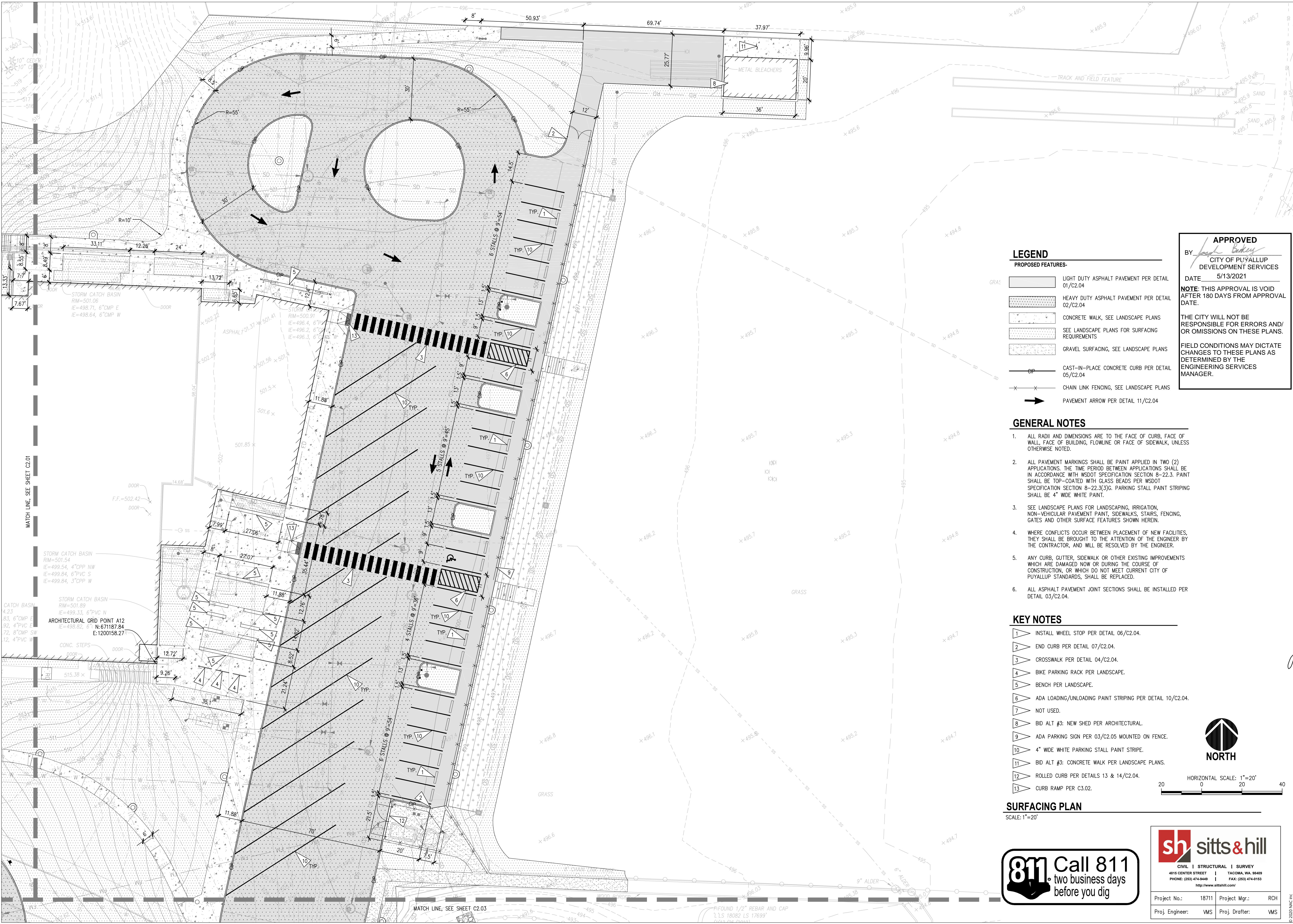
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SURFACING PLAN

SHEET 10 OF 45

C2.01



LEGEND

PROPOSED FEATURES-

- [Pattern] LIGHT DUTY ASPHALT PAVEMENT PER DETAIL 01/C2.04
- [Pattern] HEAVY DUTY ASPHALT PAVEMENT PER DETAIL 02/C2.04
- [Pattern] CONCRETE WALK, SEE LANDSCAPE PLANS
- [Pattern] SEE LANDSCAPE PLANS FOR SURFACING REQUIREMENTS
- [Pattern] GRAVEL SURFACING, SEE LANDSCAPE PLANS
- [Symbol] CAST-IN-PLACE CONCRETE CURB PER DETAIL 05/C2.04
- [Symbol] CHAIN LINK FENCING, SEE LANDSCAPE PLANS
- [Symbol] PAVEMENT ARROW PER DETAIL 11/C2.04

GENERAL NOTES

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- ALL ASPHALT PAVEMENT JOINT SECTIONS SHALL BE INSTALLED PER DETAIL 03/C2.04.

KEY NOTES

- 1 INSTALL WHEEL STOP PER DETAIL 06/C2.04.
- 2 END CURB PER DETAIL 07/C2.04.
- 3 CROSSWALK PER DETAIL 04/C2.04.
- 4 BIKE PARKING RACK PER LANDSCAPE.
- 5 BENCH PER LANDSCAPE.
- 6 ADA LOADING/UNLOADING PAINT STRIPING PER DETAIL 10/C2.04.
- 7 NOT USED.
- 8 BID ALT #3: NEW SHED PER ARCHITECTURAL.
- 9 ADA PARKING SIGN PER 03/C2.05 MOUNTED ON FENCE.
- 10 4" WIDE WHITE PARKING STALL PAINT STRIPE.
- 11 BID ALT #3: CONCRETE WALK PER LANDSCAPE PLANS.
- 12 ROLLED CURB PER DETAILS 13 & 14/C2.04.
- 13 CURB RAMP PER C3.02.

SURFACING PLAN

SCALE: 1"=20'

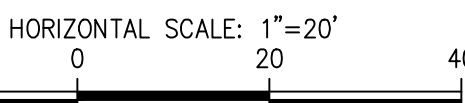
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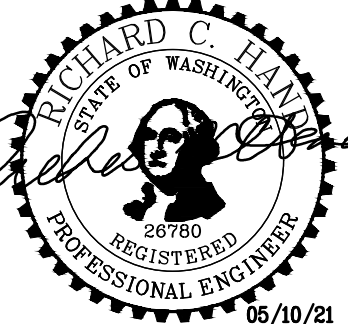
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Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS

REVISIONS

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RESUBMITTAL

PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION
3213 WILDWOOD PARK DR. PUYALLUP, WA 98374



NAC NO	121-19038
DRAWN	VMS
CHECKED	RCH
DATE	05/10/2021

SURFACING PLAN

SHEET 11 OF 45

C2.02

LEGEND

PROPOSED FEATURES:

1. LIGHT DUTY ASPHALT PAVEMENT PER DETAIL 01/C2.04
2. HEAVY DUTY ASPHALT PAVEMENT PER DETAIL 02/C2.04
3. CONCRETE WALK, SEE LANDSCAPE PLANS
4. PERVIOUS CONCRETE SIDEWALK PER DETAIL 04/C2.05
5. SEE LANDSCAPE PLANS FOR SURFACING REQUIREMENTS
6. CAST-IN-PLACE CONCRETE CURB PER DETAIL 05/C2.04
7. CURB AND GUTTER PER DETAIL 01/C2.05
8. CHAIN LINK FENCING, SEE LANDSCAPE PLANS
9. PAVEMENT ARROW PER DETAIL 11/C2.04
10. ONLY PAVEMENT MARKER PER 12/C2.04

GENERAL NOTES

1. ALL RADI AND DIMENSIONS ARE TO THE FACE OF CURB, FACE OF WALL, FACE OF BUILDING, FLOWLINE OR FACE OF SIDEWALK, UNLESS OTHERWISE NOTED.
2. ALL PAVEMENT MARKINGS SHALL BE PAINT APPLIED IN TWO (2) APPLICATIONS. THE TIME PERIOD BETWEEN APPLICATIONS SHALL BE IN ACCORDANCE WITH WSDOT SPECIFICATION SECTION 8-22.3. PAINT SHALL BE TOP-COATED WITH GLASS BEADS PER WSDOT SPECIFICATION SECTION 8-22.3(3)G. PARKING STALL PAINT STRIPING SHALL BE 4" WIDE WHITE PAINT.
3. SEE LANDSCAPE PLANS FOR LANDSCAPING, IRRIGATION, NON-VEHICULAR PAVEMENT PAINT, SIDEWALKS, FENCING, GATES AND OTHER SURFACE FEATURES SHOWN HEREIN.
4. WHERE CONFLICTS OCCUR BETWEEN PLACEMENT OF NEW FACILITIES, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BY THE CONTRACTOR, AND WILL BE RESOLVED BY THE ENGINEER.
5. ANY CURB, GUTTER, SIDEWALK OR OTHER EXISTING IMPROVEMENTS WHICH ARE DAMAGED NOW OR DURING THE COURSE OF CONSTRUCTION, OR WHICH DO NOT MEET CURRENT CITY OF PUYALLUP STANDARDS, SHALL BE REPLACED.
6. ALL ASPHALT PAVEMENT JOINT SECTIONS SHALL BE INSTALLED PER DETAIL 03/C2.04.

KEY NOTES

1. SIGNAGE PER ARCHITECTURAL.
2. VEHICLE GATE PER LANDSCAPE.
3. CROSSWALK PER DETAIL 04/C2.04 WITH BAR WIDTH=8.0'.
4. CURB AND GUTTER PER DETAIL 01/C2.05.
5. NO PARKING FIRE LANE SIGN PER DETAIL 05/C2.05 TYPE A.
6. CURB RAMP PER C3.03.
7. PAINT CURB RED COLOR PER DETAIL 08/C2.04.
8. CROSSWALK PER DETAIL 04/C2.04 WITH BAR WIDTH=5.0'.

APPROVED

BY *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.

THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.

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SURFACING PLAN

SCALE: 1"=20'



HORIZONTAL SCALE: 1"=20'
0 20 40



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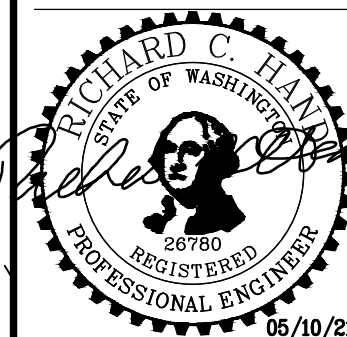
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PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION

3213 WILDWOOD PARK DR. PUYALLUP, WA 98374



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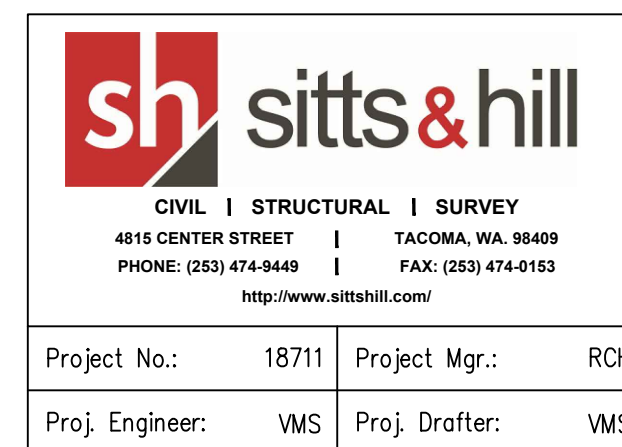
SURFACING PLAN

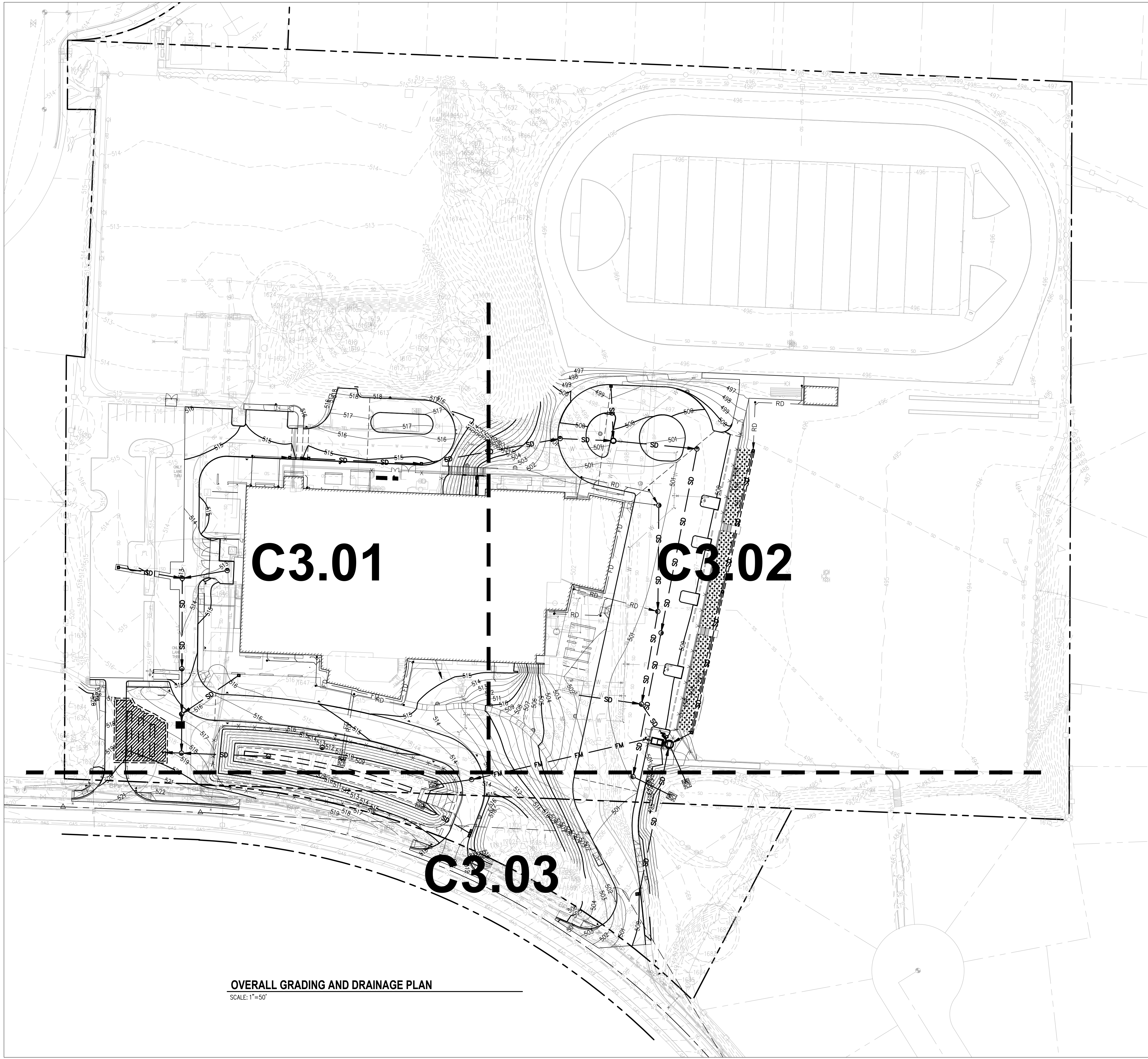
SHEET 12 OF 45

C2.03



FIELD CONDITIONS MAY DICTATE
CHANGES TO THESE PLANS AS
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ENGINEERING SERVICES
MANAGER.





OVERALL GRADING AND DRAINAGE PLAN
SCALE: 1"=50'

APPROVED
BY *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021
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- LEGEND**
PROPOSED FEATURES:
- SD STORM DRAIN PIPE
 - RD ROOF DRAIN PIPE
 - FD FOOTING DRAIN PIPE PER DETAIL 07/C3.04
 - FM STORMWATER FORCE MAIN
 - TYPE 1 CB
 - TYPE 2 CB
 - STORM DRAIN CLEANOUT
 - GRADE BREAK
 - FLOW LINE

- GENERAL NOTES**
- TYPE 1 CB'S SHALL CONFORM WITH CITY STANDARD DETAIL 02.01.02 (SEE DETAIL 01/C3.05) AND DETAIL 02.01.03 (SEE DETAIL 02/C3.05) REQUIREMENTS. EARTHWORK REQUIREMENTS SHALL COMPLY WITH GENERAL NOTE 4 REQUIREMENTS.
 - TYPE 2 CB'S SHALL CONFORM WITH CITY STANDARD DETAIL 02.01.04 REQUIREMENTS (SEE DETAIL 03/C3.05). EARTHWORK REQUIREMENTS SHALL COMPLY WITH GENERAL NOTE 4 REQUIREMENTS.
 - CB FRAMES AND GRATES SHALL BE LOCKING AND COMPLY WITH CITY STANDARD DETAIL 02.01.05 (SEE DETAIL 04/C3.05). SOLID COVER FOR TYPE 1 CB SHALL COMPLY WITH WSDOT STANDARD PLAN B-30.20-04. SOLID COVER FOR TYPE 2 CB SHALL COMPLY WITH CITY STANDARD DETAIL 06.01.02 (SEE DETAIL 07/C3.05). BEEHIVE GRATES SHALL COMPLY WITH DETAIL 08/C3.04.
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 - BUILDING DOWNSPOUT CONNECTION SHALL COMPLY WITH DETAIL 07 & 10/C3.04 REQUIREMENTS. COORDINATE WITH ARCHITECTURAL AND MECHANICAL PLANS FOR EXACT HORIZONTAL LOCATIONS.
 - PROVIDE CONCRETE COLLARS FOR CATCH BASINS NOT IN PAVED LOCATIONS PER DETAIL 02/C3.04.
 - INSTALL STORM DRAIN CLEANOUTS PER DETAIL 01/C3.04.
 - PROVIDE 4'-0" MINIMUM COVER OVER STORMWATER FORCE MAIN PIPELINE UNLESS OTHERWISE SPECIFIED.
 - COMPLY WITH UTILITY CROSSING CLEARANCE REQUIREMENT IN DETAILS 02 & 03/C4.03.
 - AMEND ALL DISTURBED SOILS PER CITY STANDARD DETAIL 01.02.08A (SEE DETAIL 03/C3.07).



HORIZONTAL SCALE: 1"=50'
50 0 50 100

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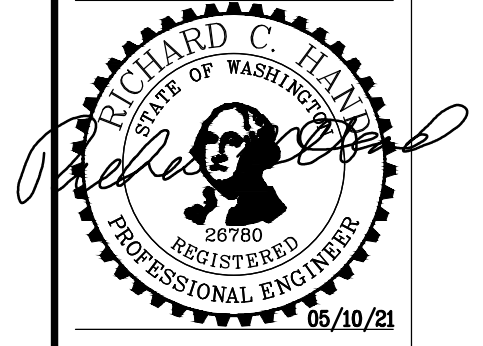
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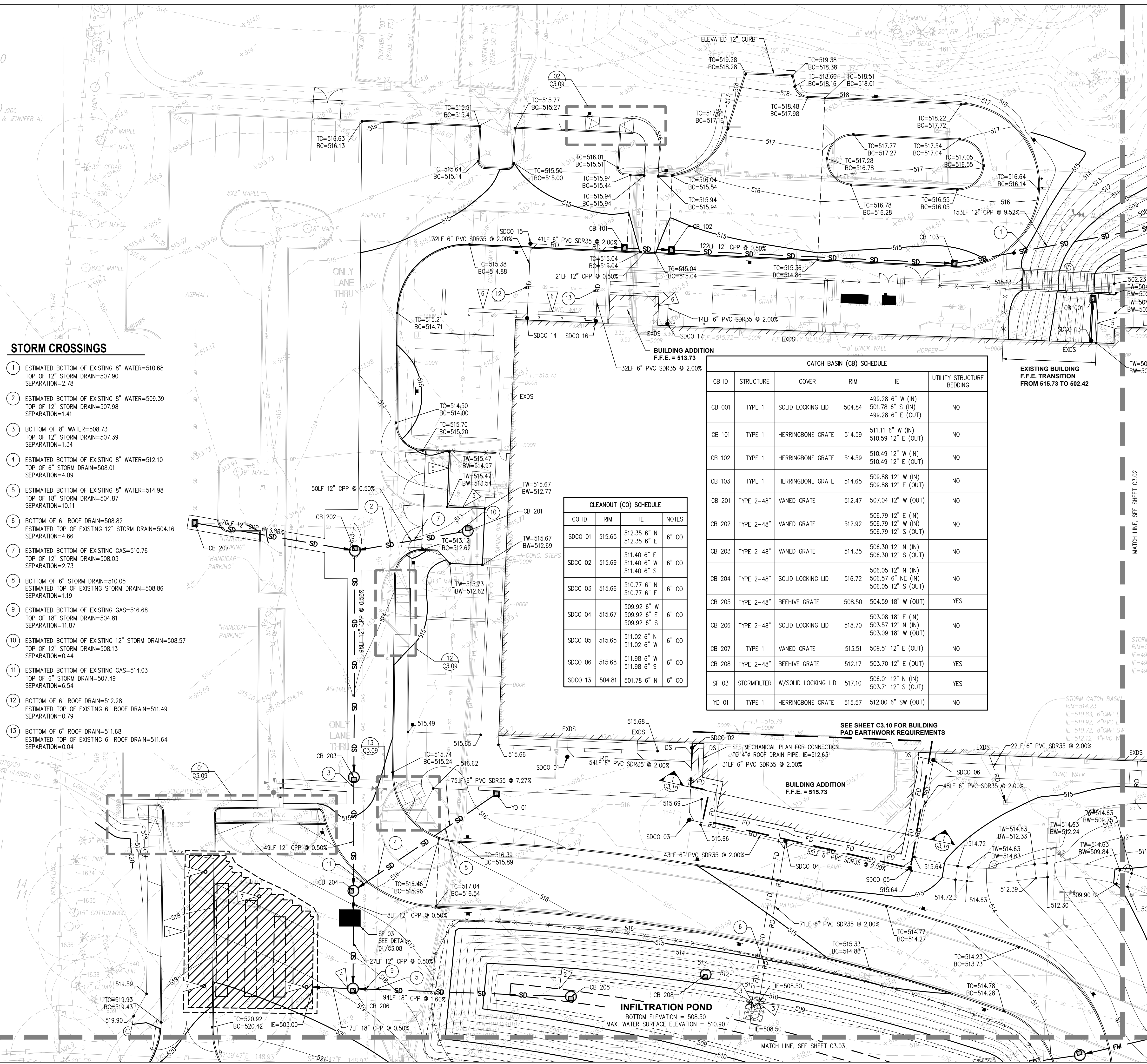
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OVERALL GRADING
AND DRAINAGE
PLAN

SHEET 15 OF 45

C3.00



STORM CROSSINGS

- ESTIMATED BOTTOM OF EXISTING 8" WATER=510.68
TOP OF 12" STORM DRAIN=507.90
SEPARATION=2.78
- ESTIMATED BOTTOM OF EXISTING 8" WATER=509.39
TOP OF 12" STORM DRAIN=507.98
SEPARATION=1.41
- BOTTOM OF 8" WATER=508.73
TOP OF 12" STORM DRAIN=507.39
SEPARATION=1.34
- ESTIMATED BOTTOM OF EXISTING 8" WATER=512.10
TOP OF 6" STORM DRAIN=508.01
SEPARATION=4.09
- ESTIMATED BOTTOM OF EXISTING 8" WATER=514.98
TOP OF 18" STORM DRAIN=504.87
SEPARATION=10.11
- BOTTOM OF 6" ROOF DRAIN=508.82
ESTIMATED TOP OF EXISTING 12" STORM DRAIN=504.16
SEPARATION=4.66
- ESTIMATED BOTTOM OF EXISTING GAS=510.76
TOP OF 12" STORM DRAIN=508.03
SEPARATION=2.73
- BOTTOM OF 6" STORM DRAIN=510.05
ESTIMATED TOP OF EXISTING STORM DRAIN=508.86
SEPARATION=1.19
- ESTIMATED BOTTOM OF EXISTING GAS=516.68
TOP OF 18" STORM DRAIN=504.81
SEPARATION=11.87
- ESTIMATED BOTTOM OF EXISTING 12" STORM DRAIN=508.57
TOP OF 12" STORM DRAIN=508.13
SEPARATION=0.44
- ESTIMATED BOTTOM OF EXISTING GAS=514.03
TOP OF 6" STORM DRAIN=507.49
SEPARATION=6.54
- BOTTOM OF 6" ROOF DRAIN=512.28
ESTIMATED TOP OF EXISTING 6" ROOF DRAIN=511.49
SEPARATION=0.79
- BOTTOM OF 6" ROOF DRAIN=511.68
ESTIMATED TOP OF EXISTING 6" ROOF DRAIN=511.64
SEPARATION=0.04

CLEANOUT (CO) SCHEDULE			
CO ID	RIM	IE	NOTES
SDCO 01	515.65	512.35 6" N 512.35 6" E	6" CO
SDCO 02	515.69	511.40 6" E 511.40 6" W 511.40 6" S	6" CO
SDCO 03	515.66	509.92 6" W 509.92 6" E 509.92 6" S	6" CO
SDCO 04	515.67	511.02 6" N 511.02 6" W	6" CO
SDCO 05	515.65	511.98 6" W 511.98 6" S	6" CO
SDCO 06	515.68	511.98 6" W 511.98 6" S	6" CO
SDCO 13	504.81	501.78 6" N	6" CO

CATCH BASIN (CB) SCHEDULE					
CB ID	STRUCTURE	COVER	RIM	IE	UTILITY STRUCTURE BEDDING
CB 001	TYPE 1	SOLID LOCKING LID	504.84	499.28 6" W (IN) 501.78 6" S (IN) 499.28 6" E (OUT)	NO
CB 101	TYPE 1	HERRINGBONE GRATE	514.59	511.11 6" W (IN) 510.59 12" E (OUT)	NO
CB 102	TYPE 1	HERRINGBONE GRATE	514.59	510.49 12" W (IN) 510.49 12" E (OUT)	NO
CB 103	TYPE 1	HERRINGBONE GRATE	514.65	509.88 12" W (IN) 509.88 12" E (OUT)	NO
CB 201	TYPE 2-48"	VANED GRATE	512.47	507.04 12" W (OUT)	NO
CB 202	TYPE 2-48"	VANED GRATE	512.92	506.79 12" E (IN) 506.79 12" W (IN) 506.79 12" S (OUT)	NO
CB 203	TYPE 2-48"	VANED GRATE	514.35	506.30 12" N (IN) 506.30 12" S (OUT)	NO
CB 204	TYPE 2-48"	SOLID LOCKING LID	516.72	506.05 12" N (IN) 506.57 6" NE (IN) 506.05 12" S (OUT)	NO
CB 205	TYPE 2-48"	BEEHIVE GRATE	508.50	504.59 18" W (OUT)	YES
CB 206	TYPE 2-48"	SOLID LOCKING LID	518.70	503.08 18" E (IN) 503.57 12" N (IN) 503.09 18" W (OUT)	NO
CB 207	TYPE 1	VANED GRATE	513.51	509.51 12" E (OUT)	NO
CB 208	TYPE 2-48"	BEEHIVE GRATE	512.17	503.70 12" E (OUT)	YES
SF 03	STORMFILTER	W/SOLID LOCKING LID	517.10	506.01 12" N (IN) 503.71 12" S (OUT)	YES
YD 01	TYPE 1	HERRINGBONE GRATE	515.57	512.00 6" SW (OUT)	NO

LEGEND

- PROPOSED FEATURES-
- SD STORM DRAIN PIPE
 - RD ROOF DRAIN PIPE
 - FD FOOTING DRAIN PIPE PER DETAIL 07/C3.04
 - TYPE 1 CB
 - TYPE 2 CB
 - STORM DRAIN CLEANOUT
 - GRADE BREAK
 - FLOW LINE
 - TC TOP OF CURB
 - BC BOTTOM OF CURB
 - TW TOP OF WALL
 - BW BOTTOM OF WALL
 - DS DOWNSPOUT
 - EXDS EXISTING DOWNSPOUT
 - SF STORMFILTER

GENERAL NOTES

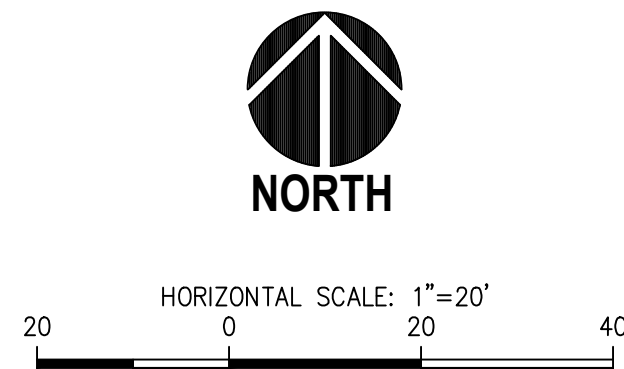
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KEY NOTES

- R-TANK STORMWATER INFILTRATION SYSTEM. PROVIDE 965 DECKA (10-STACK) UNITS MINIMUM. BOTTOM ELEV = 503.00. TOTAL SYSTEM VOLUME = 20,535 CUBIC FEET MINIMUM. PROVIDE (3) PARALLEL PIT DRAINS. PROVIDE MAINTENANCE PORTS PER MANUFACTURER'S RECOMMENDATION. SEE DETAILS ON SHEETS C3.14 AND C3.15. SEE SECTIONS ON SHEET C3.13.
- PROVIDE PIT DRAIN AT BOTTOM OF POND. SEE SHEET C3.13.
- RIP RAP PAD PER DETAIL 06/C3.04.
- INSTALL TRASHGUARD PLUS IN CB 206 ON OUTLET PIPE PER DETAIL 01/C3.15.
- RETAINING WALL. SEE LANDSCAPE PLANS FOR DETAILS.
- COMPLY WITH SECTION 01/C3.12.
- MAINTENANCE PORT PER DETAIL 02/C3.14.

GRADING AND DRAINAGE PLAN

SCALE: 1"=20'



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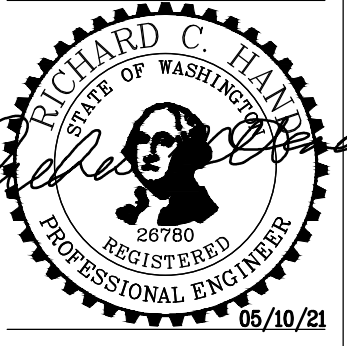
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3213 WILDMOOD PARK DR PUYALLUP, WA 98374



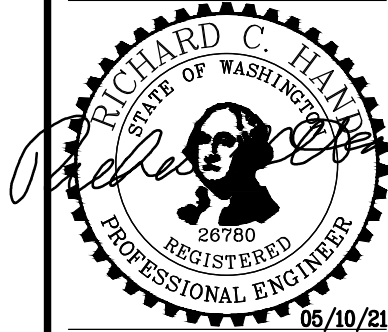
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GRADING AND
DRAINAGE PLAN

SHEET 16 OF 45

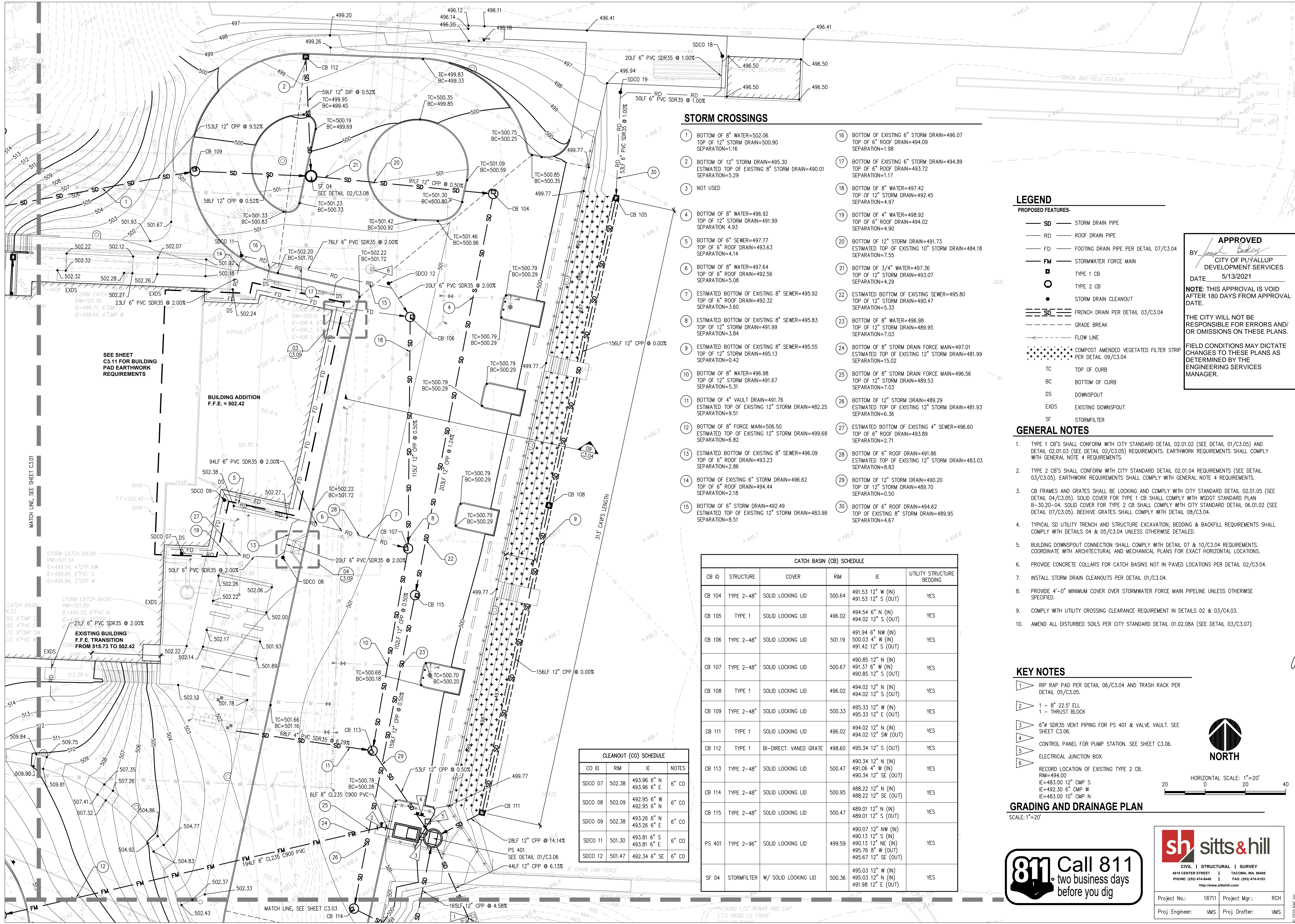
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DATE 05/10/2021

GRADING AND
DRAINAGE PLAN

SHEET 17 OF 45



STORM CROSSINGS

- 1 BOTTOM OF 8" WATER=502.06
TOP OF 12" STORM DRAIN=500.90
SEPARATION=1.16
- 2 BOTTOM OF 12" STORM DRAIN=495.30
ESTIMATED TOP OF EXISTING 8" STORM DRAIN=490.01
SEPARATION=5.29
- 3 NOT USED
- 4 BOTTOM OF 8" WATER=496.92
TOP OF 12" STORM DRAIN=491.99
SEPARATION=4.93
- 5 BOTTOM OF 6" SEWER=497.77
TOP OF 6" ROOF DRAIN=493.63
SEPARATION=4.14
- 6 BOTTOM OF 8" WATER=497.64
TOP OF 6" ROOF DRAIN=492.56
SEPARATION=5.08
- 7 ESTIMATED BOTTOM OF EXISTING 8" SEWER=495.92
TOP OF 6" ROOF DRAIN=492.32
SEPARATION=3.60
- 8 ESTIMATED BOTTOM OF EXISTING 8" SEWER=495.83
TOP OF 12" STORM DRAIN=491.99
SEPARATION=3.84
- 9 ESTIMATED BOTTOM OF EXISTING 8" SEWER=495.55
TOP OF 12" STORM DRAIN=495.13
SEPARATION=0.42
- 10 BOTTOM OF 8" WATER=496.98
TOP OF 12" STORM DRAIN=491.67
SEPARATION=5.31
- 11 BOTTOM OF 4" VAULT DRAIN=491.76
ESTIMATED TOP OF EXISTING 12" STORM DRAIN=482.25
SEPARATION=9.51
- 12 BOTTOM OF 8" FORCE MAIN=506.50
ESTIMATED TOP OF EXISTING 12" STORM DRAIN=499.68
SEPARATION=6.82
- 13 ESTIMATED BOTTOM OF EXISTING 8" SEWER=496.09
TOP OF 6" ROOF DRAIN=493.23
SEPARATION=2.86
- 14 BOTTOM OF EXISTING 6" STORM DRAIN=496.62
TOP OF 6" ROOF DRAIN=494.44
SEPARATION=2.18
- 15 BOTTOM OF 6" STORM DRAIN=492.49
ESTIMATED TOP OF EXISTING 12" STORM DRAIN=483.98
SEPARATION=8.51
- 16 BOTTOM OF EXISTING 6" STORM DRAIN=496.07
TOP OF 6" ROOF DRAIN=494.09
SEPARATION=1.98
- 17 BOTTOM OF EXISTING 6" STORM DRAIN=494.89
TOP OF 6" ROOF DRAIN=493.72
SEPARATION=1.17
- 18 BOTTOM OF 8" WATER=497.42
TOP OF 12" STORM DRAIN=492.45
SEPARATION=4.97
- 19 BOTTOM OF 4" WATER=498.92
TOP OF 6" ROOF DRAIN=494.02
SEPARATION=4.90
- 20 BOTTOM OF 12" STORM DRAIN=491.73
ESTIMATED TOP OF EXISTING 10" STORM DRAIN=484.18
SEPARATION=7.55
- 21 BOTTOM OF 3/4" WATER=497.36
TOP OF 12" STORM DRAIN=493.07
SEPARATION=4.29
- 22 ESTIMATED BOTTOM OF EXISTING SEWER=495.80
TOP OF 12" STORM DRAIN=490.47
SEPARATION=5.33
- 23 BOTTOM OF 8" WATER=496.98
TOP OF 12" STORM DRAIN=489.95
SEPARATION=7.03
- 24 BOTTOM OF 8" STORM DRAIN FORCE MAIN=497.01
ESTIMATED TOP OF EXISTING 12" STORM DRAIN=481.99
SEPARATION=15.02
- 25 BOTTOM OF 8" STORM DRAIN FORCE MAIN=496.56
TOP OF 12" STORM DRAIN=489.53
SEPARATION=7.03
- 26 BOTTOM OF 12" STORM DRAIN=489.29
ESTIMATED TOP OF EXISTING 12" STORM DRAIN=481.93
SEPARATION=6.36
- 27 ESTIMATED BOTTOM OF EXISTING 4" SEWER=496.60
TOP OF 6" ROOF DRAIN=493.89
SEPARATION=2.71
- 28 BOTTOM OF 6" ROOF DRAIN=491.86
ESTIMATED TOP OF EXISTING 12" STORM DRAIN=483.03
SEPARATION=8.83
- 29 BOTTOM OF 12" STORM DRAIN=490.20
TOP OF 12" STORM DRAIN=489.70
SEPARATION=0.50
- 30 BOTTOM OF 6" ROOF DRAIN=494.62
TOP OF EXISTING 8" STORM DRAIN=489.95
SEPARATION=4.67

LEGEND

PROPOSED FEATURES-

- SD STORM DRAIN PIPE
- RD ROOF DRAIN PIPE
- FD FOOTING DRAIN PIPE PER DETAIL 07/C3.04
- FM STORMWATER FORCE MAIN
- TYPE 1 CB
- TYPE 2 CB
- STORM DRAIN CLEANOUT
- FRENCH DRAIN PER DETAIL 03/C3.04
- GRADE BREAK
- FLOW LINE
- COMPOST AMENDED VEGETATED FILTER STRIP PER DETAIL 09/C3.04
- TC TOP OF CURB
- BC BOTTOM OF CURB
- DS DOWNSPOUT
- EXDS EXISTING DOWNSPOUT
- SF STORMFILTER

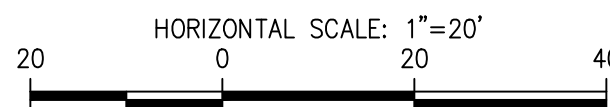
APPROVED
BY *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021
NOTE: THIS APPROVAL IS VOID
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GENERAL NOTES

- 1. TYPE 1 CB'S SHALL CONFORM WITH CITY STANDARD DETAIL 02.01.02 (SEE DETAIL 01/C3.05) AND DETAIL 02.01.03 (SEE DETAIL 02/C3.05) REQUIREMENTS. EARTHWORK REQUIREMENTS SHALL COMPLY WITH GENERAL NOTE 4 REQUIREMENTS.
- 2. TYPE 2 CB'S SHALL CONFORM WITH CITY STANDARD DETAIL 02.01.04 REQUIREMENTS (SEE DETAIL 03/C3.05). EARTHWORK REQUIREMENTS SHALL COMPLY WITH GENERAL NOTE 4 REQUIREMENTS.
- 3. CB FRAMES AND GRATES SHALL BE LOCKING AND COMPLY WITH CITY STANDARD DETAIL 02.01.05 (SEE DETAIL 04/C3.05). SOLID COVER FOR TYPE 1 CB SHALL COMPLY WITH WSDOT STANDARD PLAN B-30.20-04. SOLID COVER FOR TYPE 2 CB SHALL COMPLY WITH CITY STANDARD DETAIL 06.01.02 (SEE DETAIL 07/C3.05). BEEHIVE GRATES SHALL COMPLY WITH DETAIL 08/C3.04.
- 4. TYPICAL SD UTILITY TRENCH AND STRUCTURE EXCAVATION, BEDDING & BACKFILL REQUIREMENTS SHALL COMPLY WITH DETAILS 04 & 05/C3.04 UNLESS OTHERWISE DETAILED.
- 5. BUILDING DOWNSPOUT CONNECTION SHALL COMPLY WITH DETAIL 07 & 10/C3.04 REQUIREMENTS. COORDINATE WITH ARCHITECTURAL AND MECHANICAL PLANS FOR EXACT HORIZONTAL LOCATIONS.
- 6. PROVIDE CONCRETE COLLARS FOR CATCH BASINS NOT IN PAVED LOCATIONS PER DETAIL 02/C3.04.
- 7. INSTALL STORM DRAIN CLEANOUTS PER DETAIL 01/C3.04.
- 8. PROVIDE 4'-0" MINIMUM COVER OVER STORMWATER FORCE MAIN PIPELINE UNLESS OTHERWISE SPECIFIED.
- 9. COMPLY WITH UTILITY CROSSING CLEARANCE REQUIREMENT IN DETAILS 02 & 03/C3.03.
- 10. AMEND ALL DISTURBED SOILS PER CITY STANDARD DETAIL 01.02.08A (SEE DETAIL 03/C3.07).

KEY NOTES

- 1 RIP RAP PAD PER DETAIL 06/C3.04 AND TRASH RACK PER DETAIL 05/C3.05.
- 2 1 - 8" 22.5" ELL
1 - THRUST BLOCK
- 3 6" SDR35 VENT PIPING FOR PS 401 & VALVE VAULT. SEE SHEET C3.06.
- 4 CONTROL PANEL FOR PUMP STATION. SEE SHEET C3.06.
- 5 ELECTRICAL JUNCTION BOX.
- 6 RECORD LOCATION OF EXISTING TYPE 2 CB.
RIM=494.00
IE=483.00 12" CMP S
IE=492.30 6" CMP W
IE=483.00 10" CMP N



GRADING AND DRAINAGE PLAN

SCALE: 1"=20'

811 Call 811
two business days
before you dig

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4616 CENTER STREET TACOMA, WA 98409
PHONE: (253) 474-9449 FAX: (253) 474-0163
http://www.sittshill.com/
Project No.: 18711 Project Mgr.: RCH
Proj. Engineer: VMS Proj. Drafter: VMS

CLEANOUT (CO) SCHEDULE			
CO ID	RIM	IE	NOTES
SDCO 07	502.38	493.96 6" N 493.96 6" E	6" CO
SDCO 08	502.09	492.95 6" W 492.95 6" N	6" CO
SDCO 09	502.38	493.26 6" N 493.26 6" E	6" CO
SDCO 11	501.30	493.81 6" S 493.81 6" E	6" CO
SDCO 12	501.47	492.34 6" SE	6" CO

CATCH BASIN (CB) SCHEDULE					
CB ID	STRUCTURE	COVER	RIM	IE	UTILITY STRUCTURE BEDDING
CB 104	TYPE 2-48"	SOLID LOCKING LID	500.64	491.53 12" W (IN) 491.53 12" S (OUT)	YES
CB 105	TYPE 1	SOLID LOCKING LID	496.02	494.54 6" N (IN) 494.02 12" S (OUT)	YES
CB 106	TYPE 2-48"	SOLID LOCKING LID	501.19	491.94 6" NW (IN) 500.03 4" W (IN) 491.42 12" S (OUT)	YES
CB 107	TYPE 2-48"	SOLID LOCKING LID	500.67	490.85 12" N (IN) 491.37 6" W (IN) 490.85 12" S (OUT)	YES
CB 108	TYPE 1	SOLID LOCKING LID	496.02	494.02 12" N (IN) 494.02 12" S (OUT)	YES
CB 109	TYPE 2-48"	SOLID LOCKING LID	500.33	495.33 12" W (IN) 495.33 12" E (OUT)	YES
CB 111	TYPE 1	SOLID LOCKING LID	496.02	494.02 12" N (IN) 494.02 12" SW (OUT)	YES
CB 112	TYPE 1	BI-DIRECT. VANED GRATE	498.60	495.34 12" S (OUT)	YES
CB 113	TYPE 2-48"	SOLID LOCKING LID	500.47	490.34 12" N (IN) 491.06 4" W (IN) 490.34 12" SE (OUT)	YES
CB 114	TYPE 2-48"	SOLID LOCKING LID	500.95	488.22 12" N (IN) 488.22 12" SE (OUT)	YES
CB 115	TYPE 2-48"	SOLID LOCKING LID	500.47	489.01 12" N (IN) 489.01 12" S (OUT)	YES
PS 401	TYPE 2-96"	SOLID LOCKING LID	499.59	490.07 12" NW (IN) 490.13 12" S (IN) 490.13 12" NE (IN) 495.76 8" W (OUT) 495.67 12" SE (OUT)	YES
SF 04	STORMFILTER	W/ SOLID LOCKING LID	500.36	495.03 12" W (IN) 495.03 12" N (IN) 491.98 12" E (OUT)	YES

LEGEND

PROPOSED FEATURES-

- SD STORM DRAIN PIPE
- RD ROOF DRAIN PIPE
- FM STORMWATER FORCE MAIN
- TYPE 1 CB
- TYPE 2 CB
- GRADE BREAK
- FLOW LINE
- TC TOP OF CURB
- BC BOTTOM OF CURB

GENERAL NOTES

- TYPE 1 CB'S SHALL CONFORM WITH CITY STANDARD DETAIL 02.01.02 (SEE DETAIL 01/C3.05) AND DETAIL 02.01.03 (SEE DETAIL 02/C3.05) REQUIREMENTS. EARTHWORK REQUIREMENTS SHALL COMPLY WITH GENERAL NOTE 4 REQUIREMENTS.
- TYPE 2 CB'S SHALL CONFORM WITH CITY STANDARD DETAIL 02.01.04 REQUIREMENTS (SEE DETAIL 03/C3.05). EARTHWORK REQUIREMENTS SHALL COMPLY WITH GENERAL NOTE 4 REQUIREMENTS.
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- TYPICAL SD UTILITY TRENCH AND STRUCTURE EXCAVATION, BEDDING & BACKFILL REQUIREMENTS SHALL COMPLY WITH DETAILS 04 & 05/C3.04 UNLESS OTHERWISE DETAILED.
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- PROVIDE CONCRETE COLLARS FOR CATCH BASINS NOT IN PAVED LOCATIONS PER DETAIL 02/C3.04.
- INSTALL STORM DRAIN CLEANOUTS PER DETAIL 01/C3.04.
- PROVIDE 4'-0" MINIMUM COVER OVER STORMWATER FORCE MAIN PIPELINE UNLESS OTHERWISE SPECIFIED.
- COMPLY WITH UTILITY CROSSING CLEARANCE REQUIREMENT IN DETAILS 02 & 03/C4.03.
- AMEND ALL DISTURBED SOILS PER CITY STANDARD DETAIL 01.02.08A (SEE DETAIL 03/C3.07).

KEY NOTES

- PROVIDE PIT DRAIN AT BOTTOM OF POND. SEE SHEET C3.13.
- RIP RAP PAD PER DETAIL 06/C3.04 AND TRASH RACK PER DETAIL 05/C3.05.

STORM CROSSINGS

- ESTIMATED BOTTOM OF EXISTING 12" STORM DRAIN=494.23
TOP OF 12" STORM DRAIN=493.63
SEPARATION=0.60
- ESTIMATED BOTTOM OF EXISTING 8" WATER=510.80
TOP OF 18" STORM DRAIN=510.23
SEPARATION=0.57
- BOTTOM OF 12" STORM DRAIN=510.23
ESTIMATED TOP OF EXISTING 8" WATER=509.93
SEPARATION=0.30
- BOTTOM OF 12" STORM DRAIN=492.36
TOP OF 12" STORM DRAIN=489.17
SEPARATION=3.19

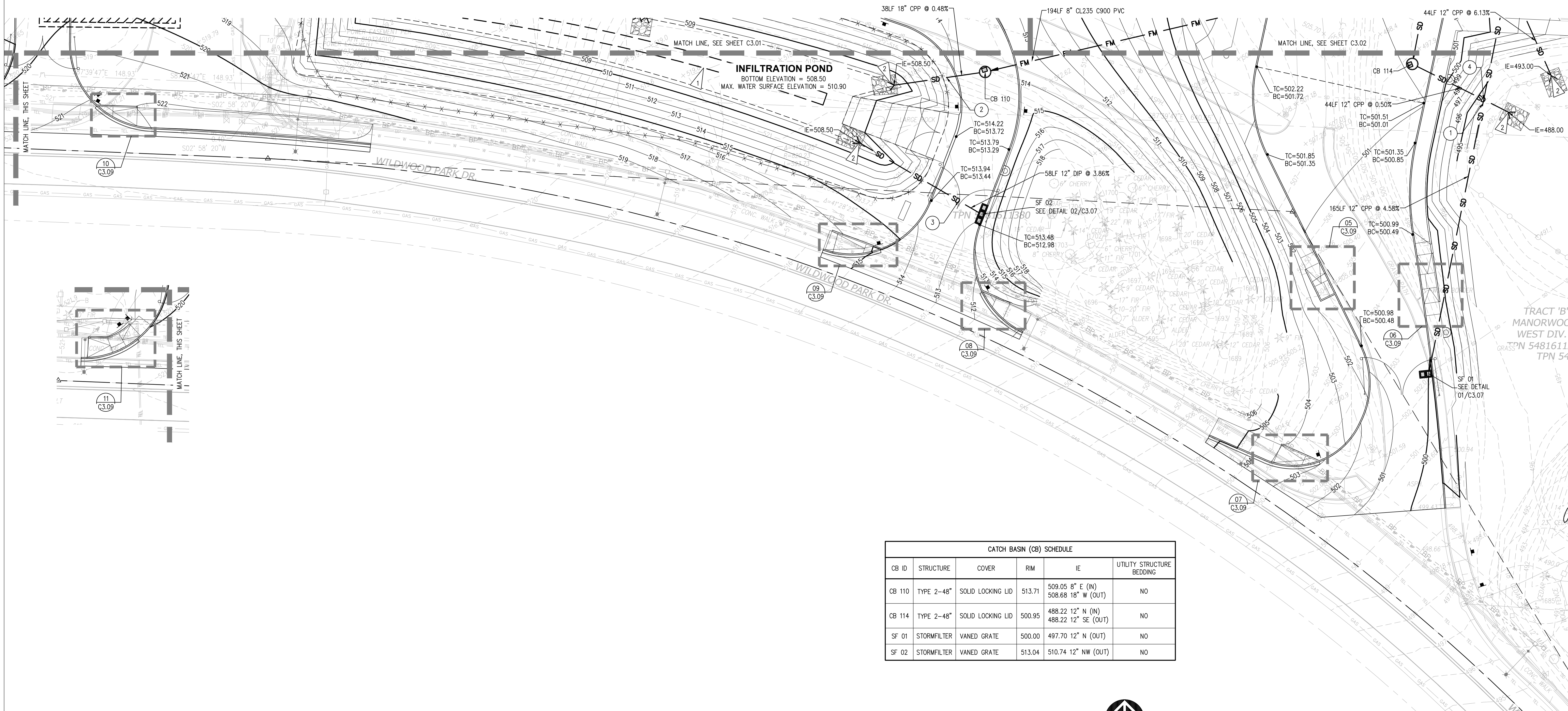
APPROVED

BY *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.

THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.

FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.



CATCH BASIN (CB) SCHEDULE					
CB ID	STRUCTURE	COVER	RIM	IE	UTILITY STRUCTURE BEDDING
CB 110	TYPE 2-48"	SOLID LOCKING LID	513.71	509.05 8" E (IN) 508.68 18" W (OUT)	NO
CB 114	TYPE 2-48"	SOLID LOCKING LID	500.95	488.22 12" N (IN) 488.22 12" SE (OUT)	NO
SF 01	STORMFILTER	VANED GRATE	500.00	497.70 12" N (OUT)	NO
SF 02	STORMFILTER	VANED GRATE	513.04	510.74 12" NW (OUT)	NO



HORIZONTAL SCALE: 1"=20'
20 0 20 40

GRADING AND DRAINAGE PLAN

SCALE: 1"=20'

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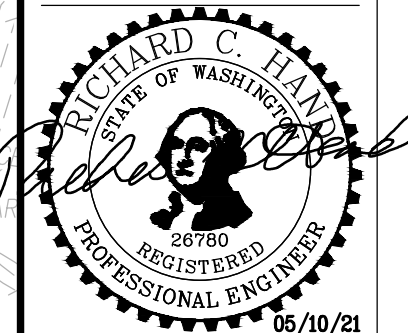
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PHONE: (253) 474-9449 | FAX: (253) 474-0163
<http://www.sittshill.com/>

Project No.: 18711 Project Mgr.: RCH
Proj. Engineer: VMS Proj. Drafter: VMS

REVISIONS

PERMIT
RESUBMITTAL

PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION
3213 WILDWOOD PARK DR. PUYALLUP, WA 98374



NAC
ARCHITECTURE
nacarchitecture.com
2021 1ST AVENUE
SEATTLE WA 98121
P:206.441.4522

NAC NO 121-19038
DRAWN VMS
CHECKED RCH
DATE 05/10/2021

GRADING AND
DRAINAGE PLAN

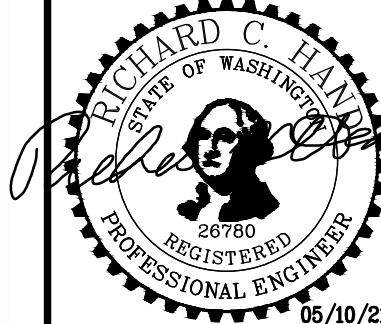
SHEET 18 OF 45

C3.03

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ARCHITECTURE
nacarchitecture.com
2021 1ST AVENUE
SEATTLE WA 98121
P.206.441.4522

NAC NO 121-19038
DRAWN VMS
CHECKED RCH
DATE 05/10/2021

GRADING AND DRAINAGE DETAILS

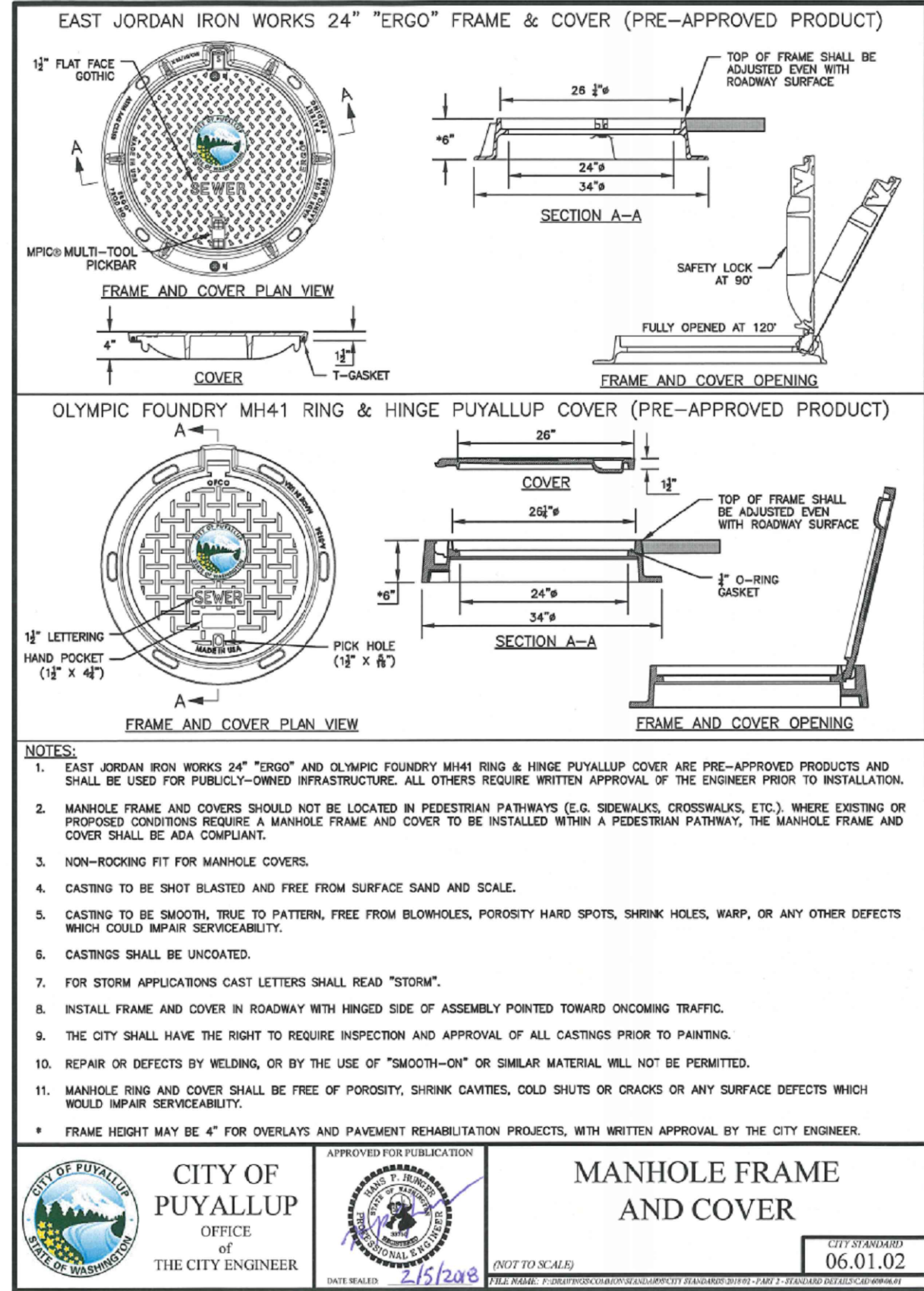
SHEET 20 OF 45

C3.05

APPROVED
BY *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021
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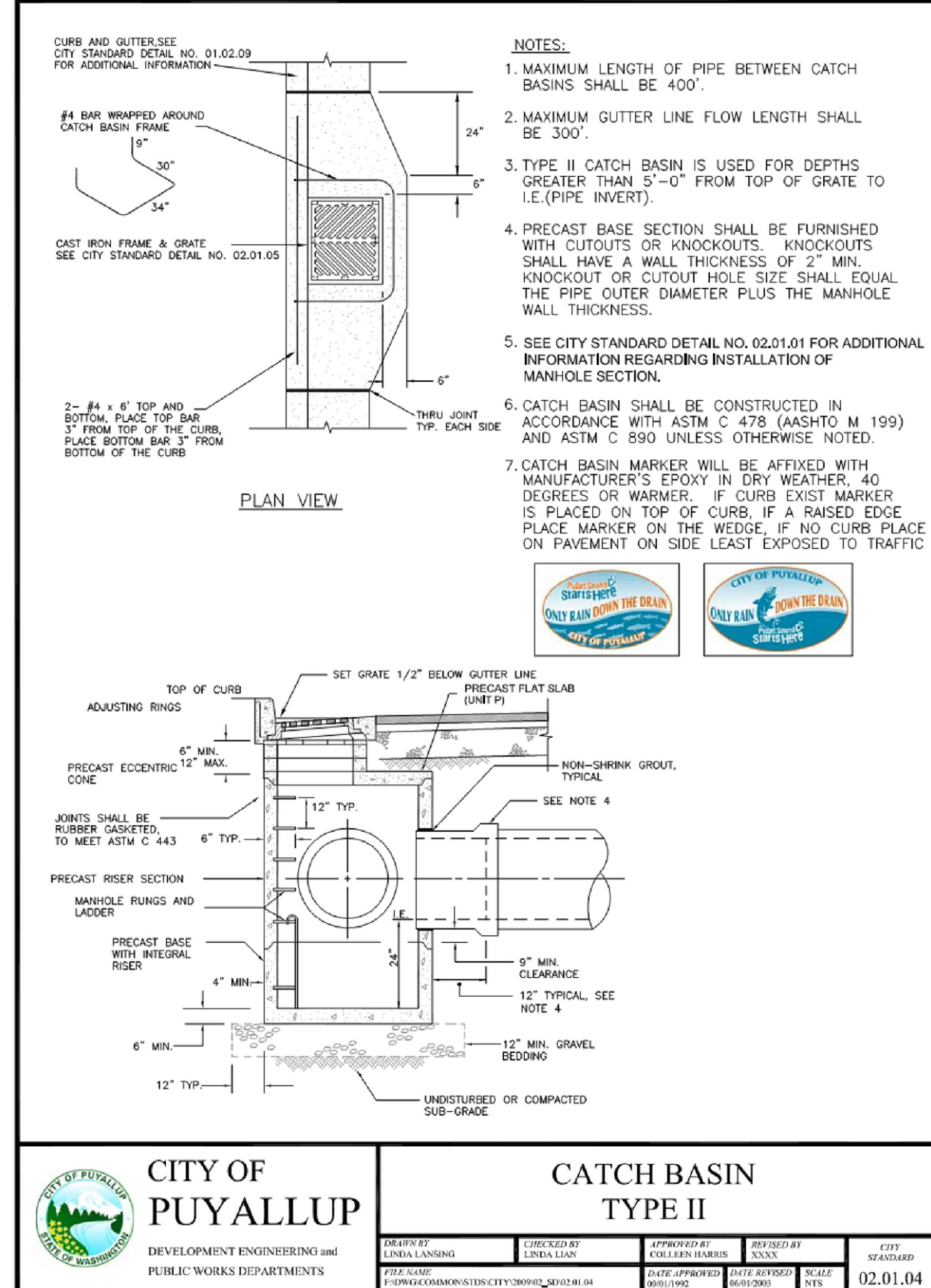


07 TYPE 2 CB SOLID LOCKING FRAME AND COVER
SCALE: N.T.S.

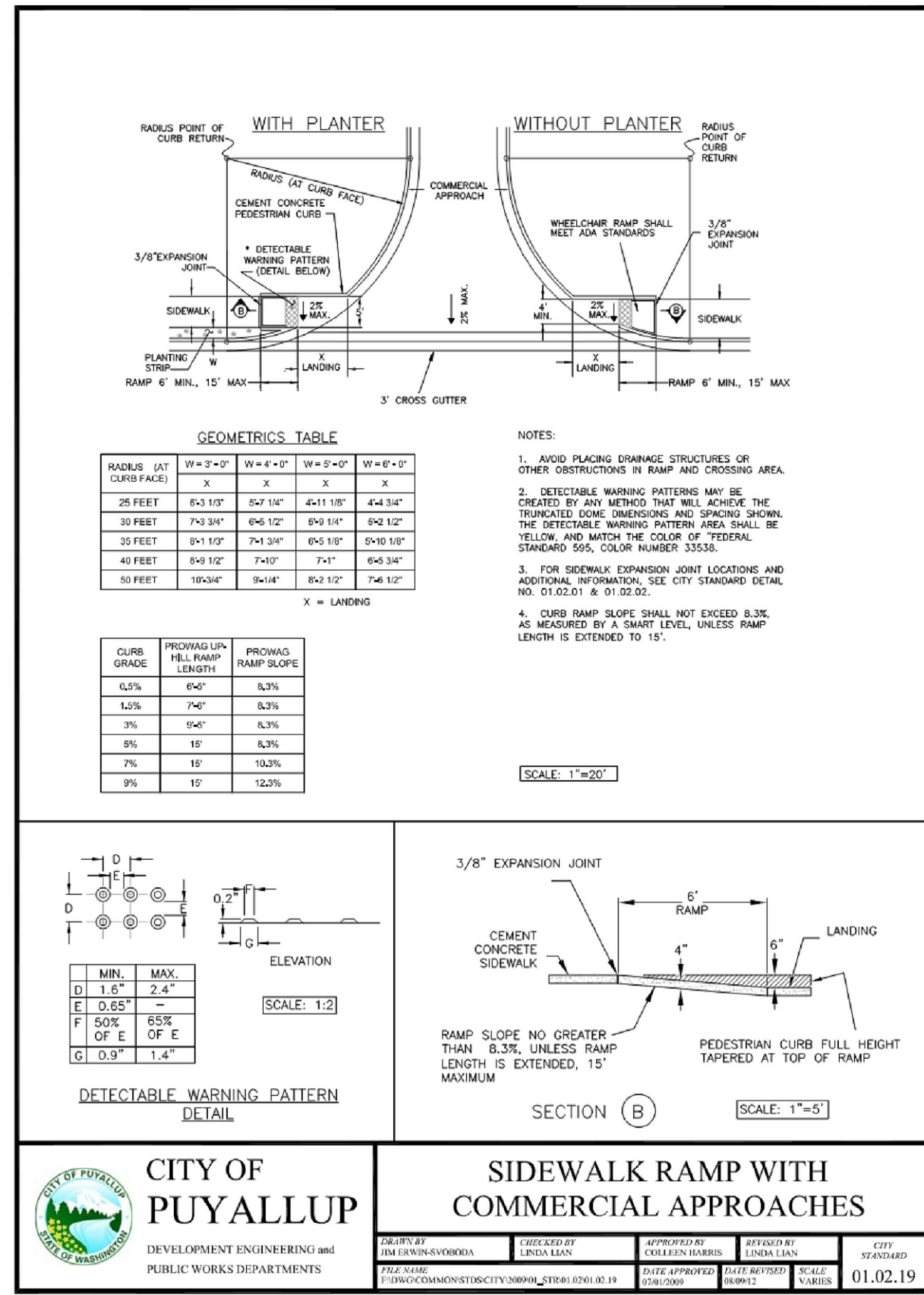


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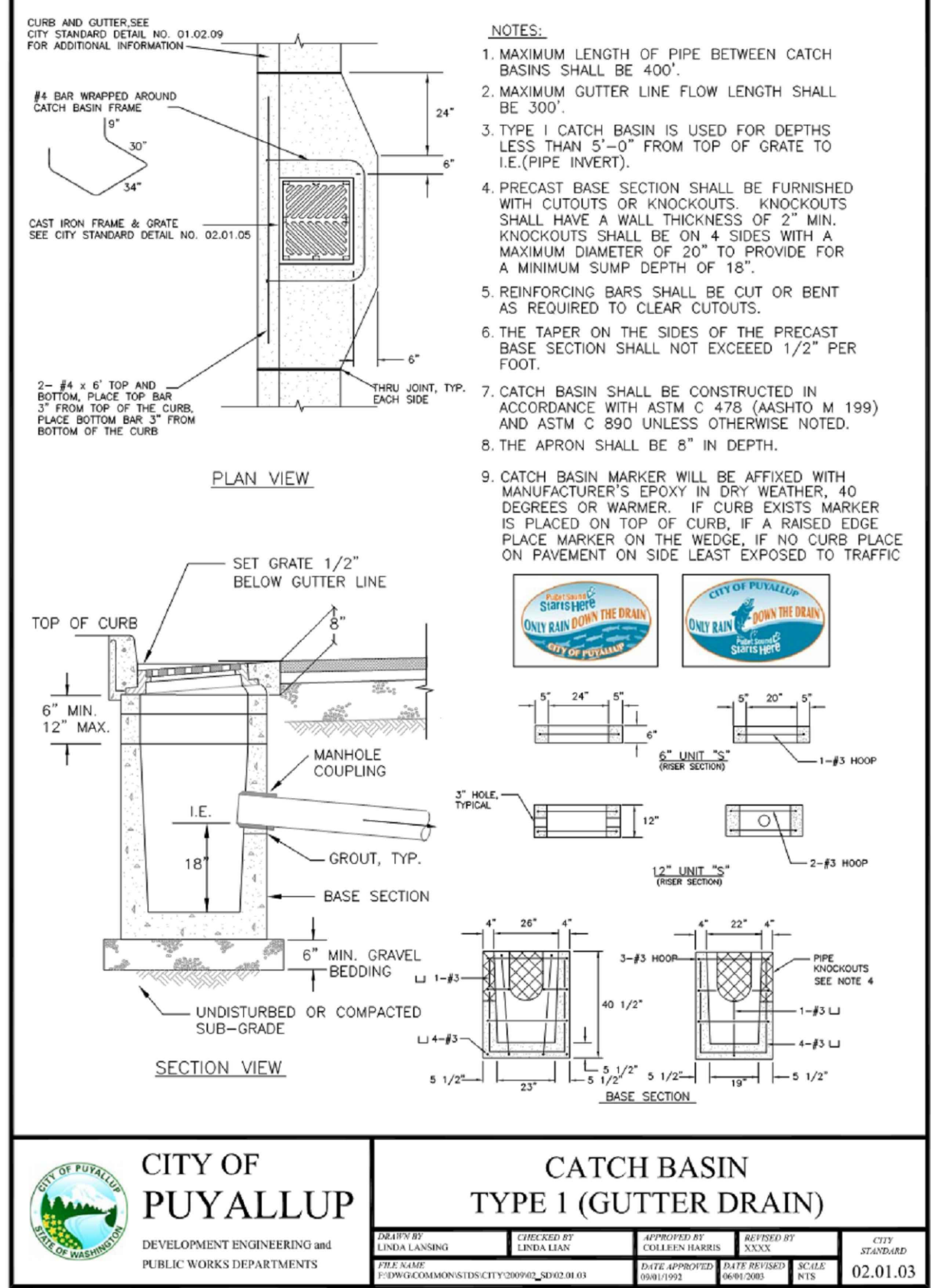
Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS



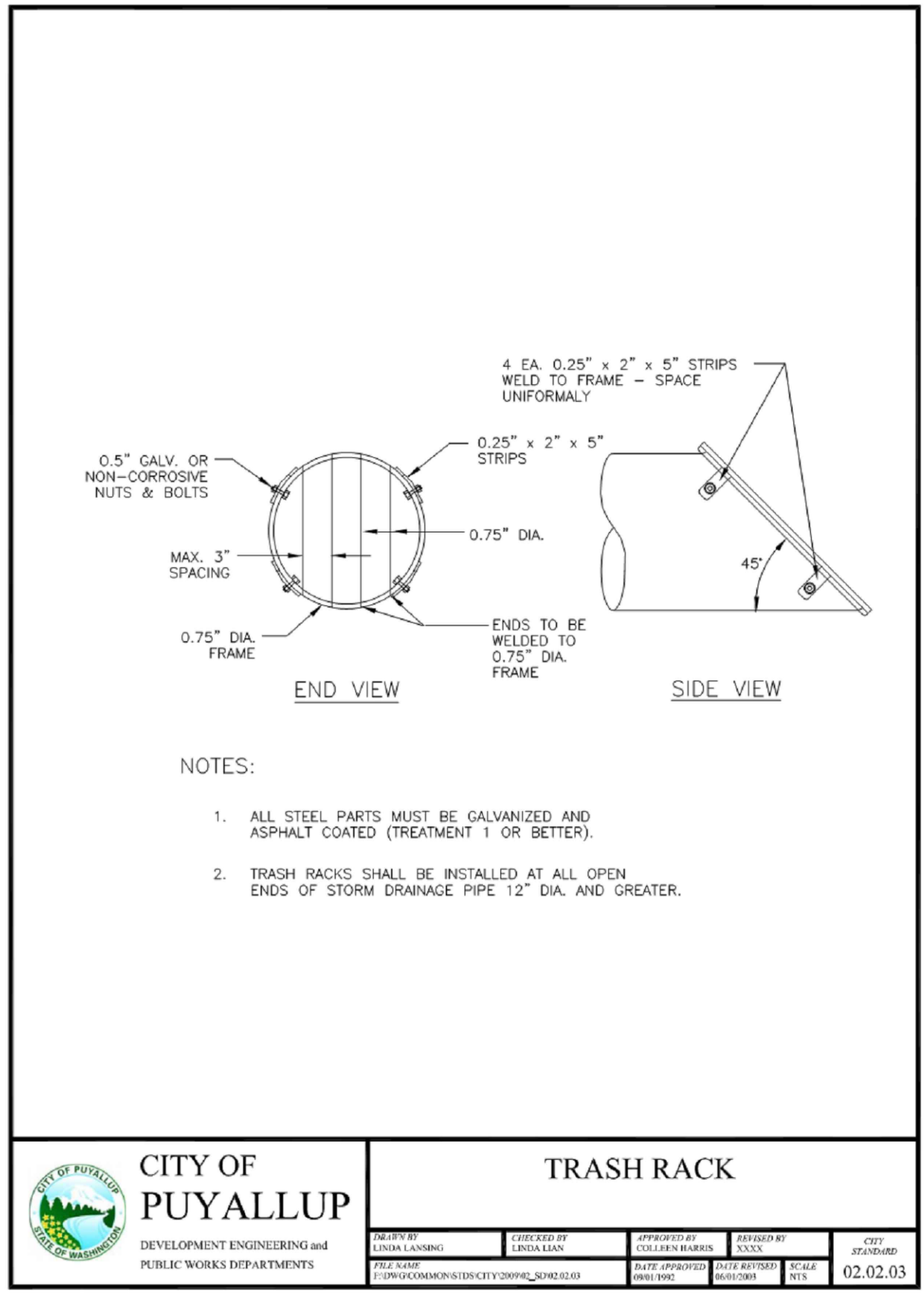
03 CATCH BASIN TYPE 2
SCALE: N.T.S.



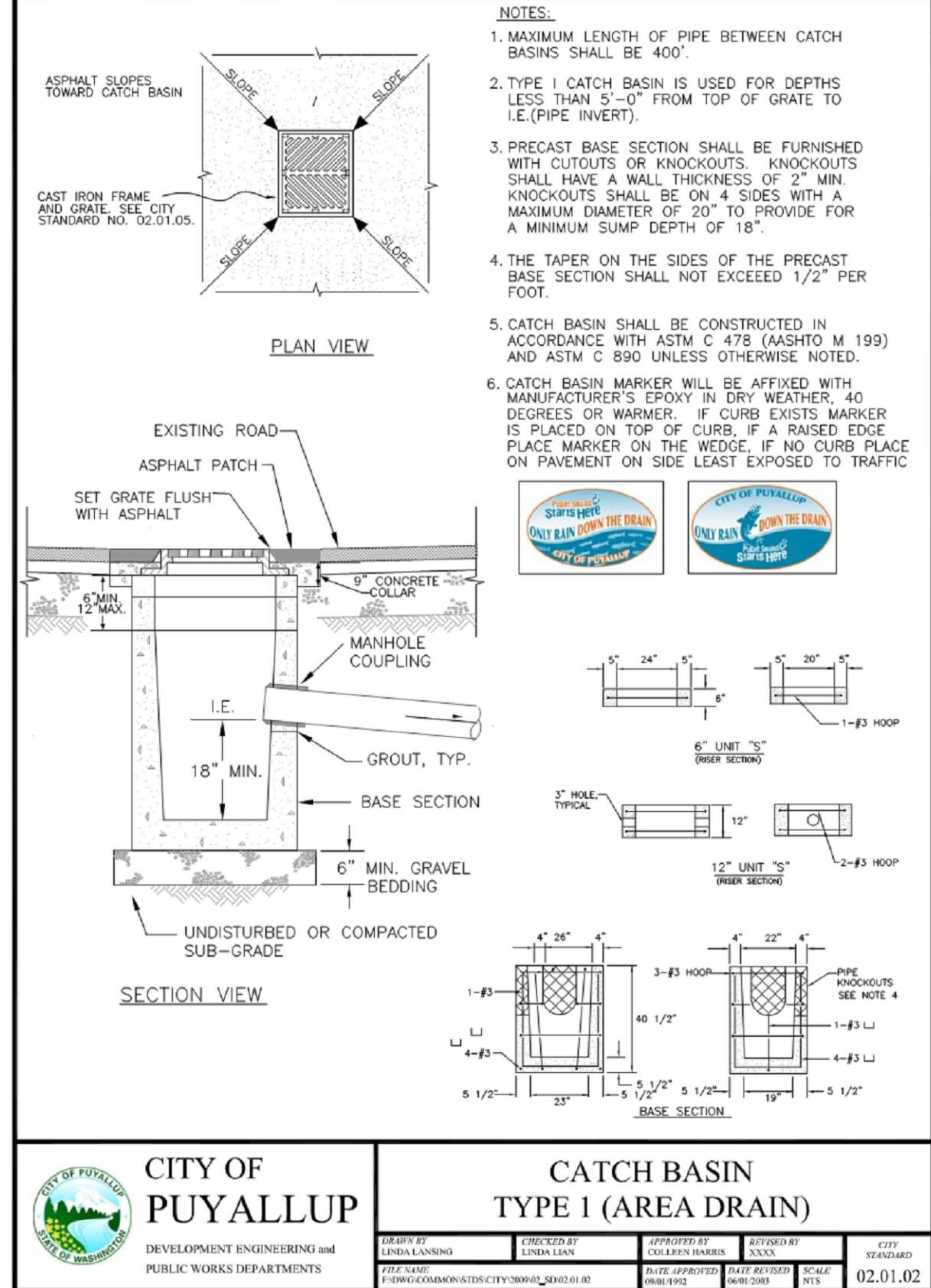
06 ADA CURB RAMP
SCALE: N.T.S.



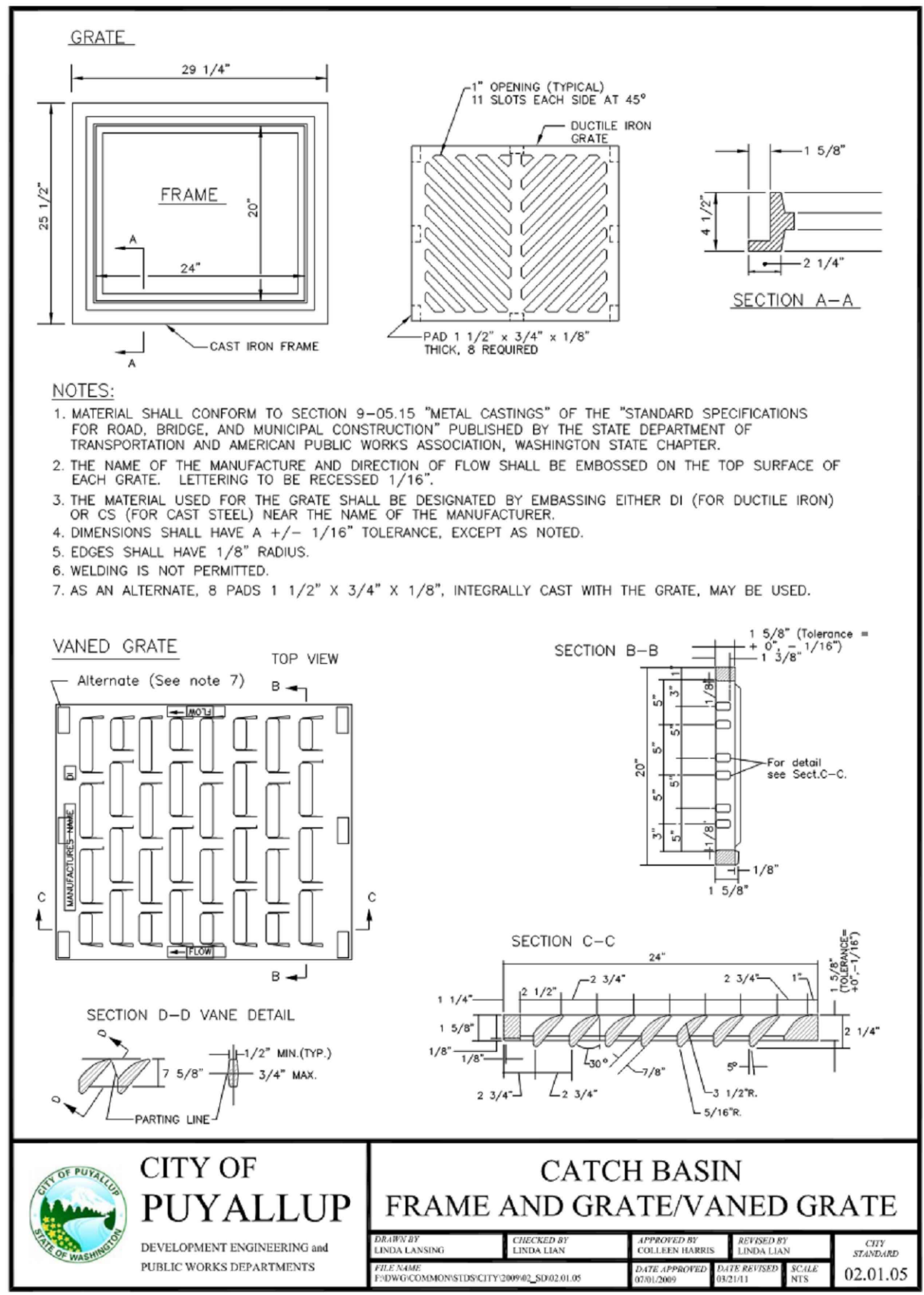
02 CATCH BASIN TYPE 1 (GUTTER DRAIN)
SCALE: N.T.S.



05 TRASH RACK
SCALE: N.T.S.



01 CATCH BASIN TYPE 1 (AREA DRAIN)
SCALE: N.T.S.



04 CATCH BASIN FRAME AND GRATE
SCALE: N.T.S.

APPROVED

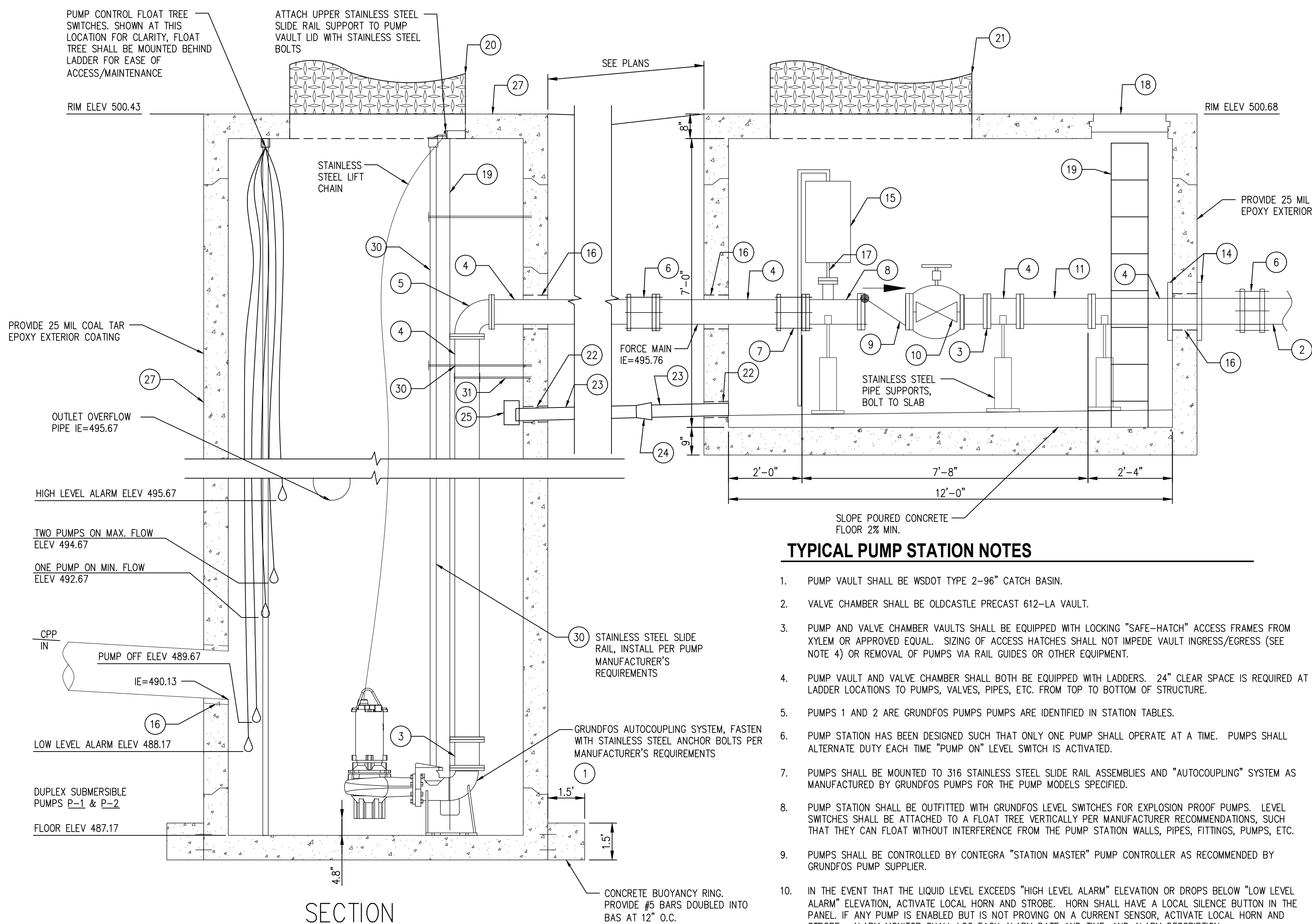
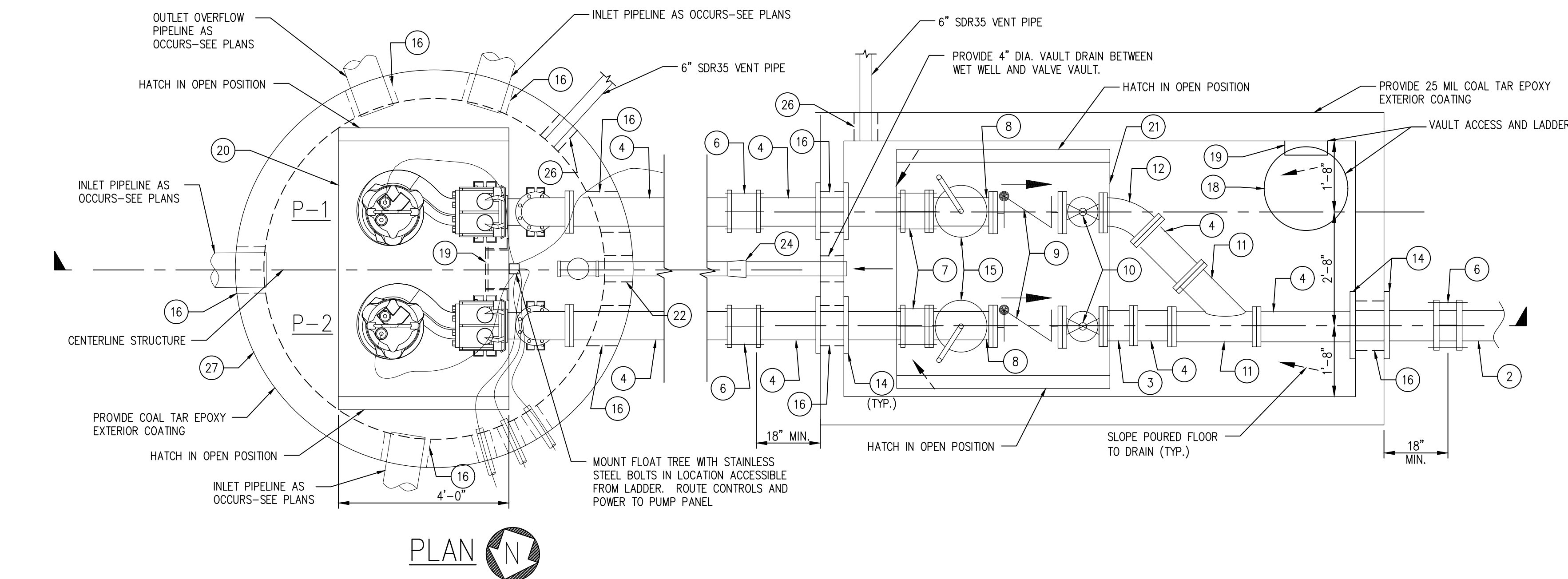
BY *Paul Buckley*
CITY OF CUYAHULA
DEVELOPMENT SERVICES

DATE 5/13/2021

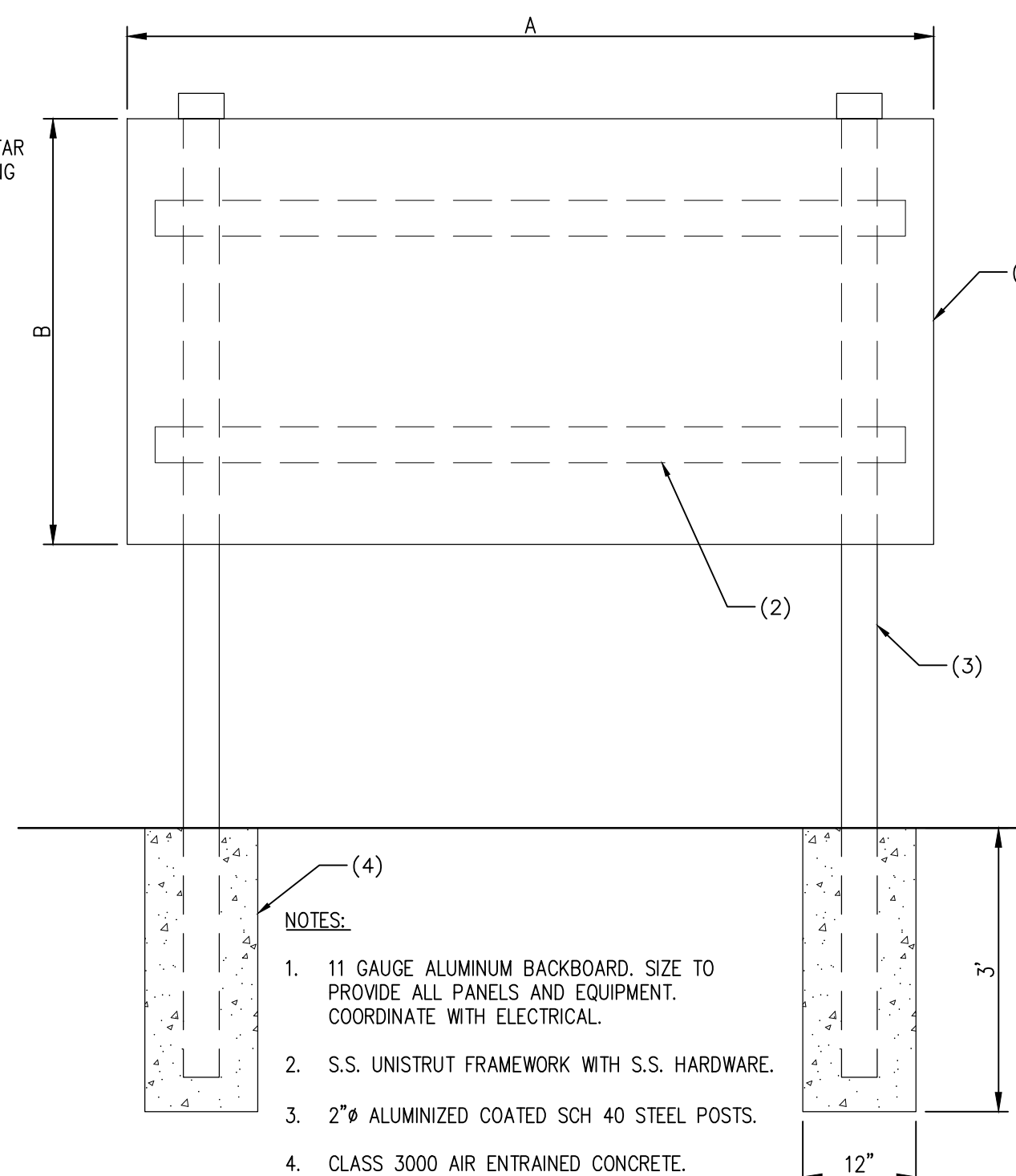
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AFTER 180 DAYS FROM APPROVAL
DATE.

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MANAGER.

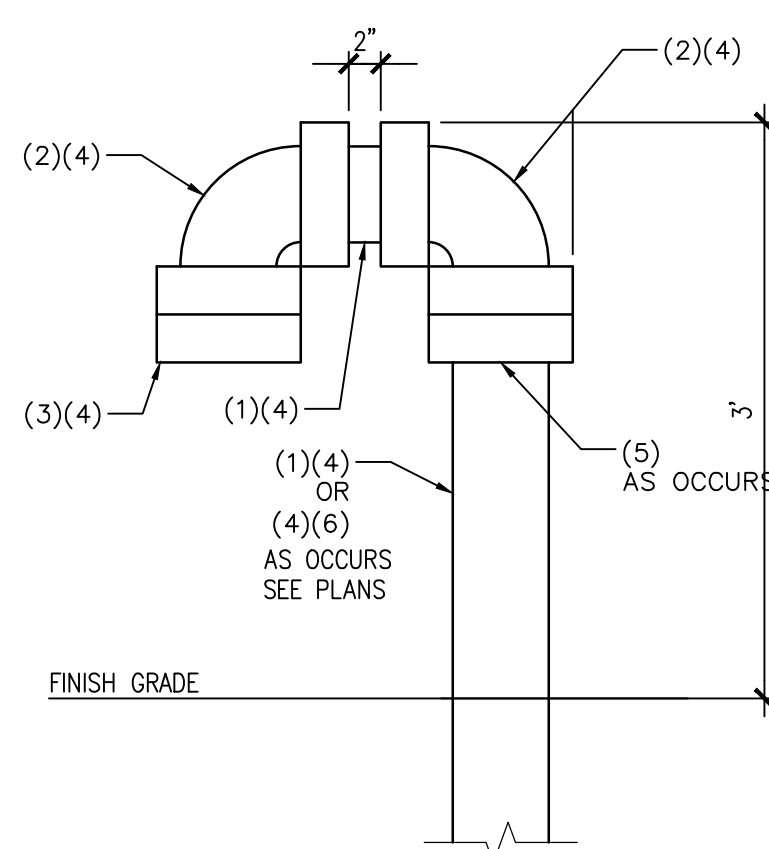


LEVEL SWITCH INSTALLATION DETAIL



CONTROL PANEL DETAIL

SCALE: N.T.S.



VENT PIPE SECTION

SCALE: N.T.S.

PUMP STATION TABLES

PUMP STATION SCHEDULE		SPECIFICATIONS
PUMP P-1 AND P-2		
MAKE		GRUNDFOSS
MODEL		SL 1.30.A30.75.A.EX.4.60U.C
Q =		1390 GPM (DUAL)
		765 GPM (SINGLE)
TDH =		26.1 FT (DUAL)
		21.3 FT (SINGLE)
PUMP DISCHARGE SIZE		8"
PUMP MOTOR		7.5HP 3x208-230V 60 HZ 4 POLE
		EXPLOSION PROOF
MOTOR SPEED		1763 RPM RATED SPEED
PUMP IMPELLER		S-TUBE
LEAD PUMP ON ELEVATION =		492.67
LAG PUMP ON ELEVATION =		494.67
HIGH WATER ALARM ELEVATION =		495.67
PUMP OFF ELEVATION =		490.67
LOW WATER ALARM ELEVATION =		489.17
WET WELL FLOOR ELEVATION =		488.17
WET WELL IE 8" FORCE MAIN=		495.76

ITEM #	MATERIALS LIST	SIZE	TYPE
1	PUMP BASE	8" DIA	
2	8" CL235 C900 PVC PIPE		
3	FL X MJ ADAPTER WITH MEGALUG	8" DIA	DIP
4	PUMP DISCHARGE PIPELINE	8" DIA	DIP
5	MJ 90 DEGREE ELL WITH 2 MEGALUGS	8" DIA	DIP
6	ROMAC 50I TRANSITION COUPLING	8" DIA	DIP
7	ROMAC 50IFAC (FLANGED COUPLING ADAPTER)	8" DIA	DIP
8	FLANGED DIP TEE	8"x3"x8"	DIP
9	MUELLER A-2802-6-02B1 RUBBER DISC FACE	8" DIA	DIP
10	FL RESILIENT SEAT WEDGE GATE VALVE NON RISING STEM WITH 2" OPERATIONAL NUT AND HAND WHEEL. GATE VALVE NORMALLY OPEN	8" DIA	DIP
11	MJ WYE WITH MEGALUGS	8" DIA	DIP
12	FL X MJ 45 DEGREE ELL WITH MEGALUG	8" DIA	DIP
13	NUT USED.		
14	SHACKLED CLAMP OR MEGALUG	8" DIA	DIP
15	SEWAGE COMBINATION AIR/VAC VALVE. APCO SERIES 440 SCAV, MODEL 447 3". PROVIDE INLET AND OUTLET BACKFLUSHING NIPPLES AND SHUT OFF GATE VALVES. GATE VALVES NORMALLY CLOSED.	3"	
16	LINK SEAL. SIZE TO FIT ANNULAR SPACE BETWEEN PIPELINE OUTSIDE DIAMETER AND CONCRETE VAULT WALL CORE DRILL.		
17	PROVIDE 4" DIAMETER DIP BLIND FLANGE, DRILLED AND TAPPED FOR 3" NPT, (2)3" DIAMETER S.S NIPPLES AND (1) INLET S.S GATE VALVE. GATE VALVE NORMALLY OPEN.		
18	PROVIDE 24" DIAMETER DIP FRAME AND COVER PER WSDOT STANDARD PLAN B-30.70-04, H20 RATED, BOLT DOWN/WATERTIGHT TYPE 2, STANDARD "STORM" CAST INTO VAULT TOP.		
19	PROVIDE POLYPROPYLENE LADDER WITH RETRACTABLE CENTER SAFETY RAIL, LANE POLYPROPYLENE VAULT LADDER COMPLYING WITH ASTM D4011 AND C497 REQUIREMENTS. SECURE IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS.		
20	ACCESS HATCH, LW HATCH HD-3C, 48" X 72" DOUBLE LEAF DOOR WITH SAFETY GRATING, ALUMINUM DIAMOND PLATE HATCH COVER, S.S. HARDWARE, SPRING LOADED WITH LOCKING MECHANISM, DRAINAGE CHANNEL AND HOLD OPEN ARM. CAST INTO VAULT TOP.		
21	ACCESS HATCH, LW HATCH MODEL HD-4A, 60" X 60" DOUBLE LEAF DOOR WITH SAFETY GRATING, ALUMINUM DIAMOND PLATE HATCH COVER, S.S. HARDWARE, SPRING LOADED WITH LOCKING MECHANISM, DRAINAGE CHANNEL AND HOLD OPEN ARM. CAST INTO VAULT TOP.		
22	4" DIAMETER GPK SAND COLLAR		
23	4" DIAMETER SDR 35 PVC PIPE		
24	PROVIDE PIPE BELL OR GASKETED STOP COUPLING		
25	PROVIDE 4" DIAMETER PVC SOLVENT WELD BACKWATER CHECK		
26	6" DIAMETER GPK SAND COLLAR		
27	96" DIAMETER TYPE 3 CONCRETE PUMP STATION PER WSDOT STANDARD PLAN B-15.60-02 AND B-30.90-02		
28	NOT USED		
29	NOT USED		
30	PROVIDE PUMP GUIDE RAIL SYSTEM, GUIDE RAIL SUPPORT AND HARDWARE. ALL COMPONENTS SHALL BE STAINLESS STEEL.		
31	PROVIDE PUMP DISCHARGE PIPE SUPPORT, SHACKLE CLAMPS, ALL THREAD AND WALL ANCHORS AT MINIMUM 6" O.C. ALL COMPONENTS SHALL BE S.S OR DUCTILE IRON.		

APPROVED
BY *Joseph Baker*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021
NOTE: THIS APPROVAL IS VOID
AFTER 180 DAYS FROM APPROVAL
DATE.

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OR OMISSIONS ON THESE PLANS.

FIELD CONDITIONS MAY DICTATE
CHANGES TO THESE PLANS AS
DETERMINED BY THE
ENGINEERING SERVICES
MANAGER.

2"-4" WOOD CHIP
MULCH (TAPERED AT
EDGE OF PAVEMENT)

3" OF COMPOST
INCORPORATED INTO
SOIL TO 8" DEPTH
40% COMPOST BY
VOLUME. SEE NOTE #5.

SUBSOIL SCARIFIED
4" BELOW COMPOST
AMENDED LAYER
(12" BELOW SOIL
SURFACE)

ALL LANDSCAPE AREAS

0"

8"

12"

NOTES:

- ALL SOIL AREAS DISTURBED OR COMPACTED DURING CONSTRUCTION, AND NOT COVERED BY BUILDINGS OR PAVEMENT, SHALL BE AMENDED WITH COMPOST AS DESCRIBED BELOW.
- SUBSOIL SHOULD BE SCARIFIED (LOOSENEED) 4 INCHES BELOW AMENDED LAYER, TO PRODUCE 12-INCH DEPTH OF UN-COMPACTED SOIL. EXCEPT WHERE SCARIFICATION WOULD DAMAGE TREE ROOTS OR AS DETERMINED BY THE ENGINEER. SEE NOTE REGARDING PLANTING STEPS FOR STREET TREES.
- COMPOST SHALL BE TILLED IN TO 8 INCH DEPTH INTO EXISTING SOIL, OR PLACE 8 INCHES OF COMPOST-AMENDED SOIL, PER SOIL SPECIFICATION.
- PLANTING BEDS SHALL RECEIVE 3 INCHES OF COMPOST TILLED IN TO 8-INCH DEPTH, OR MAY SUBSTITUTE 8" OF IMPORTED SOIL CONTAINING 35-40% COMPOST BY VOLUME. MULCH AFTER PLANTING, WITH 4 INCHES OF ARBORIST WOOD CHIP MULCH OR APPROVED EQUAL (6" OF LOOSE WOOD CHIPS AT THE TIME OF PLANTING TO ALLOW SETTLING TO 4").
- SETBACKS: TO PREVENT UNEVEN SETTLING, DO NOT COMPOST-AMEND SOILS WITHIN 3 FEET OF UTILITY INFRASTRUCTURES (POLES, WALLS, METERS, ETC.). WITHIN ONE FOOT OF PAVEMENT EDGE, CURBS AND SIDEWALKS SOIL SHOULD BE COMPACTED TO APPROXIMATELY 95% PROCTOR TO ENSURE A FIRM SURFACE.
- SEE SECTION 8.2(B) OF THE VMS FOR SOIL AMENDMENT AND INSTRUCTION PROCEDURES FOR STREET TREE PLANTER STRIPS. ALL STREET TREE PLANTER STRIPS SHALL RECEIVE 40% COMPOST-AMENDED SOIL TO THE FULL DEPTH OF THE STREET TREE ROOTBALL.

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and
PUBLIC WORKS DEPARTMENTS

**SOIL AMENDMENT
AND DEPTH**

DESIGNED BY JANIS LUNA	CHECKED BY TERRY BEALE	APPROVED BY CITY ENGINEER	DESIGNED BY JANIS LUNA	CHECKED BY TERRY BEALE	APPROVED BY CITY ENGINEER
DATE: 05/10/2021	DATE: 05/10/2021	DATE: 05/10/2021	DATE: 05/10/2021	DATE: 05/10/2021	DATE: 05/10/2021

03 SOIL AMENDMENT AND DEPTH
SCALE: N.T.S.

STORMFILTER STEEL CATCHBASIN DESIGN NOTES

STORMFILTER TREATMENT CAPACITY IS A FUNCTION OF THE CARTRIDGE SELECTION AND THE NUMBER OF CARTRIDGES. 1 CARTRIDGE CATCHBASIN HAS A MAXIMUM OF ONE CARTRIDGE. SYSTEM IS SHOWN WITH A 27" CARTRIDGE, AND IS ALSO AVAILABLE WITH AN 18" CARTRIDGE. STORMFILTER CATCHBASIN CONFIGURATIONS ARE AVAILABLE WITH A DRY INLET BAY FOR VECTOR CONTROL. PEAK HYDRAULIC CAPACITY, AN UPSTREAM BYPASS STRUCTURE IS REQUIRED.

CARTRIDGE SELECTION	27"	18"	18" DEEP
CARTRIDGE HEIGHT	3.05'	2.3'	3.3'
RECOMMENDED HYDRAULIC DROP (H)	3.05'	2.3'	3.3'
SPECIFIC FLOW RATE (gpm/sf)	2 gpm/sf	1.07 gpm/sf	1 gpm/sf
CARTRIDGE FLOW RATE (gpm)	22.5	18.79	11.25
PEAK HYDRAULIC CAPACITY	1.0	1.0	1.8
INLET PERMANENT POOL LEVEL (A)	14'-0"	14'-0"	2'-0"
OVERALL STRUCTURE HEIGHT (B)	4'-0"	3'-0"	4'-0"

* 1.07 gpm/sf SPECIFIC FLOW RATE IS APPROVED WITH PHOSPHOSORB® (PSORB) MEDIA ONLY.

GENERAL NOTES

- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- FOR SITE SPECIFIC DRAWINGS WITH DETAILED STORMFILTER CATCHBASIN STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.contechES.com
- STORMFILTER CATCHBASIN WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
- INLET SHOULD NOT BE LOWER THAN OUTLET. INLET (IF APPLICABLE) AND OUTLET PIPING TO BE SPECIFIED BY ENGINEER AND PROVIDED BY CONTRACTOR.
- MANUFACTURER TO APPLY A SURFACE BEAD WELD IN THE SHAPE OF THE LETTER "O" ABOVE THE OUTLET PIPE STUB ON THE EXTERIOR SURFACE OF THE STEEL SCFB.
- STORMFILTER CATCHBASIN EQUIPPED WITH 4 INCH (APPROXIMATE) LONG STUBS FOR INLET (IF APPLICABLE) AND OUTLET PIPING. STANDARD OUTLET STUB IS 8 INCHES IN DIAMETER. MAXIMUM OUTLET STUB IS 15 INCHES IN DIAMETER. CONNECTION TO COLLECTION PIPING CAN BE MADE USING FLEXIBLE COUPLING BY CONTRACTOR.
- STEEL STRUCTURE TO BE MANUFACTURED OF 1/4 INCH STEEL PLATE. CASTINGS SHALL MEET ASHTO M308 LOAD RATING. TO MEET H200 LOAD RATING ON STRUCTURE, A CONCRETE COLLAR IS REQUIRED. WHEN REQUIRED, CONCRETE COLLAR WITH #4 REINFORCING BARS TO BE PROVIDED BY CONTRACTOR.
- FILTER CARTRIDGES SHALL BE MEDIA-FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW, AND SELF-CLEANING. RADIAL MEDIA DEPTH SHALL BE 7-INCHES. FILTER MEDIA CONTACT TIME SHALL BE AT LEAST 38 SECONDS.
- SPECIFIC FLOW RATE IS EQUAL TO THE FILTER TREATMENT CAPACITY (gpm) DIVIDED BY THE FILTER CONTACT SURFACE AREA (sq ft).

INSTALLATION NOTES

- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CATCHBASIN (LIFTING CLUTCHES PROVIDED).
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT CARTRIDGES FROM CONSTRUCTION-RELATED EROSION RUNOFF.

**1-CARTRIDGE CATCHBASIN
STORMFILTER DATA**

STRUCTURE ID	SF_01
WATER QUALITY FLOW RATE (cfs)	0.016
PEAK FLOW RATE (<1 cfs)	0.173
RETURN PERIOD OF PEAK FLOW (yrs)	100
CARTRIDGE HEIGHT (27", 18", 18" DEEP)	18"
CARTRIDGE FLOW RATE (gpm)	7.5
MEDIA TYPE (PERLITE, ZPG, PSORB)	ZPG
RIM ELEVATION	500.00

PIPE DATA:

INLET STUB	---	I.E. DIAMETER	---
OUTLET STUB	497.70	12"	---

CONFIGURATION

OUTLET INLET

SLOPED LID YES/NO

SOLID COVER YES/NO

NOTES/SPECIAL REQUIREMENTS:

**1 CARTRIDGE CATCHBASIN
STORMFILTER
STANDARD DETAIL**

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www.contechES.com
9025 Centre Parkway Dr., Suite 400, West Chester, OH 45089
800-526-3899 513-645-7000 513-645-7993 FAX

01 SF 01 DETAIL
SCALE: N.T.S.

STORMFILTER STEEL CATCHBASIN DESIGN NOTES

STORMFILTER TREATMENT CAPACITY IS A FUNCTION OF THE CARTRIDGE SELECTION AND THE NUMBER OF CARTRIDGES. 2 CARTRIDGE CATCHBASIN HAS A MAXIMUM OF TWO CARTRIDGES. SYSTEM IS SHOWN WITH A 27" CARTRIDGE, AND IS ALSO AVAILABLE WITH AN 18" CARTRIDGE. STORMFILTER CATCHBASIN CONFIGURATIONS ARE AVAILABLE WITH A DRY INLET BAY FOR VECTOR CONTROL. PEAK HYDRAULIC CAPACITY, AN UPSTREAM BYPASS STRUCTURE IS REQUIRED.

CARTRIDGE SELECTION	27"	18"	18" DEEP
CARTRIDGE HEIGHT	3.05'	2.3'	3.3'
RECOMMENDED HYDRAULIC DROP (H)	3.05'	2.3'	3.3'
SPECIFIC FLOW RATE (gpm/sf)	2 gpm/sf	1.07 gpm/sf	1 gpm/sf
CARTRIDGE FLOW RATE (gpm)	22.5	18.79	11.25
PEAK HYDRAULIC CAPACITY	1.0	1.0	1.8
INLET PERMANENT POOL LEVEL (A)	14'-0"	14'-0"	2'-0"
OVERALL STRUCTURE HEIGHT (B)	4'-0"	3'-0"	4'-0"

* 1.07 gpm/sf SPECIFIC FLOW RATE IS APPROVED WITH PHOSPHOSORB® (PSORB) MEDIA ONLY.

GENERAL NOTES

- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- FOR SITE SPECIFIC DRAWINGS WITH DETAILED STORMFILTER CATCHBASIN STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.contechES.com
- STORMFILTER CATCHBASIN WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
- INLET SHOULD NOT BE LOWER THAN OUTLET. INLET (IF APPLICABLE) AND OUTLET PIPING TO BE SPECIFIED BY ENGINEER AND PROVIDED BY CONTRACTOR.
- MANUFACTURER TO APPLY A SURFACE BEAD WELD IN THE SHAPE OF THE LETTER "O" ABOVE THE OUTLET PIPE STUB ON THE EXTERIOR SURFACE OF THE STEEL SCFB.
- STORMFILTER CATCHBASIN EQUIPPED WITH 4 INCH (APPROXIMATE) LONG STUBS FOR INLET (IF APPLICABLE) AND OUTLET PIPING. STANDARD OUTLET STUB IS 8 INCHES IN DIAMETER. MAXIMUM OUTLET STUB IS 15 INCHES IN DIAMETER. CONNECTION TO COLLECTION PIPING CAN BE MADE USING FLEXIBLE COUPLING BY CONTRACTOR.
- STEEL STRUCTURE TO BE MANUFACTURED OF 1/4 INCH STEEL PLATE. CASTINGS SHALL MEET ASHTO M308 LOAD RATING. TO MEET H200 LOAD RATING ON STRUCTURE, A CONCRETE COLLAR IS REQUIRED. WHEN REQUIRED, CONCRETE COLLAR WITH #4 REINFORCING BARS TO BE PROVIDED BY CONTRACTOR.
- FILTER CARTRIDGES SHALL BE MEDIA-FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW, AND SELF-CLEANING. RADIAL MEDIA DEPTH SHALL BE 7-INCHES. FILTER MEDIA CONTACT TIME SHALL BE AT LEAST 38 SECONDS.
- SPECIFIC FLOW RATE IS EQUAL TO THE FILTER TREATMENT CAPACITY (gpm) DIVIDED BY THE FILTER CONTACT SURFACE AREA (sq ft).

INSTALLATION NOTES

- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CATCHBASIN (LIFTING CLUTCHES PROVIDED).
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT CARTRIDGES FROM CONSTRUCTION-RELATED EROSION RUNOFF.

**2-CARTRIDGE DEEP CATCHBASIN
STORMFILTER DATA**

STRUCTURE ID	SF_02
WATER QUALITY FLOW RATE (cfs)	0.023
PEAK FLOW RATE (<1.0 cfs)	0.230
RETURN PERIOD OF PEAK FLOW (yrs)	100
CARTRIDGE FLOW RATE (gpm)	7.5
MEDIA TYPE (PERLITE, ZPG, PSORB)	ZPG
RIM ELEVATION	513.04

PIPE DATA:

INLET STUB	---	I.E. DIAMETER	---
OUTLET STUB	510.74	12"	---

CONFIGURATIONS

OUTLET INLET

SLOPED LID YES/NO

SOLID COVER YES/NO

NOTES/SPECIAL REQUIREMENTS:

**2 CARTRIDGE CATCHBASIN
STORMFILTER
STANDARD DETAIL**

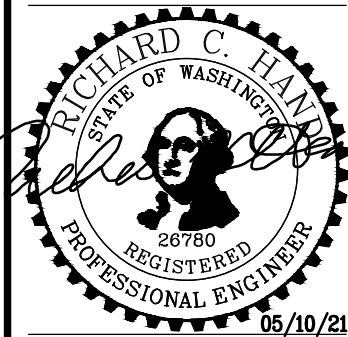
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02 SF 02 DETAIL
SCALE: N.T.S.



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Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS



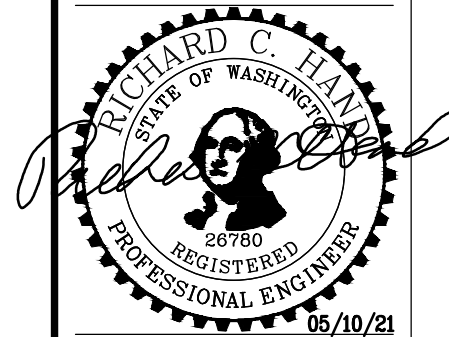
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DRAWN VMS
CHECKED RCH
DATE 05/10/2021

GRADING AND
DRAINAGE DETAILS

SHEET 22 OF 45

C3.07



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DATE 05/10/2021

GRADING AND
DRAINAGE DETAILS

SHEET 23 OF 45

C3.08

APPROVED
BY *Jeffrey Bailey*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021
NOTE: THIS APPROVAL IS VOID
AFTER 180 DAYS FROM APPROVAL
DATE.

THE CITY WILL NOT BE
RESPONSIBLE FOR ERRORS AND/
OR OMISSIONS ON THESE PLANS.

FIELD CONDITIONS MAY DICTATE
CHANGES TO THESE PLANS AS
DETERMINED BY THE
ENGINEERING SERVICES
MANAGER.

STORMFILTER DESIGN NOTES

- STORMFILTER TREATMENT CAPACITY VARIES BY CARTRIDGE COUNT AND LOCALLY APPROVED SURFACE AREA SPECIFIC FLOW RATE. PEAK CONVEYANCE CAPACITY TO BE DETERMINED BY ENGINEER OF RECORD.
- A 6' x 8' (1829 x 2438) PEAK DIVERSION STYLE STORMFILTER IS SHOWN WITH THE MAXIMUM NUMBER OF CARTRIDGES (8) AND IS AVAILABLE IN A LEFT INLET (AS SHOWN) OR A RIGHT INLET CONFIGURATION.
- ALL PARTS AND INTERNAL ASSEMBLY PROVIDED BY CONTECH UNLESS NOTED OTHERWISE.

CARTRIDGE SIZE (in. [mm])	27 [693]	18 [457]	LOW DROP
RECOMMENDED HYDRAULIC DROP (H) (ft. [mm])	3.05 [930]	2.3 [701]	1.8 [549]
HEIGHT OF WEIR (W) (ft. [mm])	3.00 [914]	2.25 [686]	1.75 [533]
SPECIFIC FLOW RATE (gpm/sf) [L/s/m ²]	2 [1.36]	1.67* [1.13]*	1 [0.68]
CARTRIDGE FLOW RATE (gpm [L/s])	22.5 [1.42]	18.79 [1.19]	15 [0.95]

* 1.67 gpm/sf [1.13 L/s/m²] SPECIFIC FLOW RATE IS APPROVED WITH PHOSPHOSORB® (PSORB) MEDIA ONLY.

FRAME AND GRATE
(24" SQUARE)
(NOT TO SCALE)

FRAME AND COVER
(30" ROUND)
(NOT TO SCALE)

PERFORMANCE SPECIFICATION
FILTER CARTRIDGES SHALL BE MEDIA-FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW, AND SELF-CLEANING. **RADIAL MEDIA DEPTH SHALL BE 7" (178).** FILTER MEDIA CONTACT TIME SHALL BE AT LEAST 30 SECONDS. SPECIFIC FLOW RATE SHALL BE 2 GPM/SF [1.36 L/s/m²] (**MAXIMUM**). SPECIFIC FLOW RATE IS THE MEASURE OF THE FLOW (GPM) DIVIDED BY THE MEDIA SURFACE CONTACT AREA (SF). MEDIA VOLUMETRIC FLOW RATE SHALL BE 6 GPM/CF [13.39 L/s/m³] OF MEDIA (**MAXIMUM**).

GENERAL NOTES

- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- DIMENSIONS MARKED WITH () ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
- ALTERNATE DIMENSIONS ARE IN MILLIMETERS [mm] UNLESS NOTED OTHERWISE.
- FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH REPRESENTATIVE. www.conteches.com
- STORMFILTER WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
- STRUCTURE SHALL MEET AASHTO HS20 LOAD RATING, ASSUMING EARTH COVER OF 7'-10' [3048] AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO.

INSTALLATION NOTES

- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE STORMFILTER STRUCTURE.
- CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL SECTIONS AND ASSEMBLE STRUCTURE.
- CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPES. MATCH OUTLET PIPE INVERT WITH OUTLET BAY FLOOR.
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT CARTRIDGES FROM CONSTRUCTION-RELATED EROSION RUNOFF.
- CONTRACTOR TO REMOVE THE TRANSFER OPENING COVER WHEN THE SYSTEM IS BROUGHT ONLINE.

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800-338-1122 513-645-7000 513-645-7993 FAX

SFPD0608 (6' x 8')
PEAK DIVERSION STORMFILTER
STANDARD DETAIL

01 SF 03 DETAIL
SCALE: N.T.S.

02 SF 04 DETAIL
SCALE: N.T.S.

STORMFILTER DESIGN NOTES

STORMFILTER TREATMENT CAPACITY IS A FUNCTION OF THE CARTRIDGE SELECTION AND THE NUMBER OF CARTRIDGES. THE STANDARD MAIN-HOLE STYLE IS SHOWN WITH THE MAXIMUM NUMBER OF CARTRIDGES (4). VOLUME SYSTEM IS ALSO AVAILABLE WITH MAXIMUM 4 CARTRIDGES. 60\"/>

FRAME AND COVER
(DIAMETER VARIES)
N.T.S.

GENERAL NOTES

- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- DIMENSIONS MARKED WITH () ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
- FOR SITE SPECIFIC DRAWINGS WITH DETAILED VAULT DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.conteches.com
- STORMFILTER WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
- STRUCTURE SHALL MEET AASHTO HS20 LOAD RATING, ASSUMING EARTH COVER OF 7'-5' AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO.
- FILTER CARTRIDGES SHALL BE MEDIA-FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW, AND SELF-CLEANING. RADIAL MEDIA DEPTH SHALL BE 7-INCHES. FILTER MEDIA CONTACT TIME SHALL BE AT LEAST 30 SECONDS.
- SPECIFIC FLOW RATE IS EQUAL TO THE FILTER TREATMENT CAPACITY (GPM) DIVIDED BY THE FILTER CONTACT SURFACE AREA (sq ft).

INSTALLATION NOTES

- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE STORMFILTER STRUCTURE (LIFTING CLUTCHES PROVIDED).
- CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
- CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET PIPES.
- CONTRACTOR TO PROVIDE AND INSTALL CONNECTOR TO THE OUTLET RISER STUB. STORMFILTER EQUIPPED WITH A DUAL DIAMETER HOPE OUTLET STUB AND SAND COLLAR. IF OUTLET PIPE IS LARGER THAN 8 INCHES, CONTRACTOR TO REMOVE THE 8 INCH OUTLET STUB AT MOLDED IN CUT LINE. COUPLING BY FERRUCI OR EQUAL AND PROVIDED BY CONTRACTOR.
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT CARTRIDGES FROM CONSTRUCTION-RELATED EROSION RUNOFF.

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SFMH60
STORMFILTER
STANDARD DETAIL

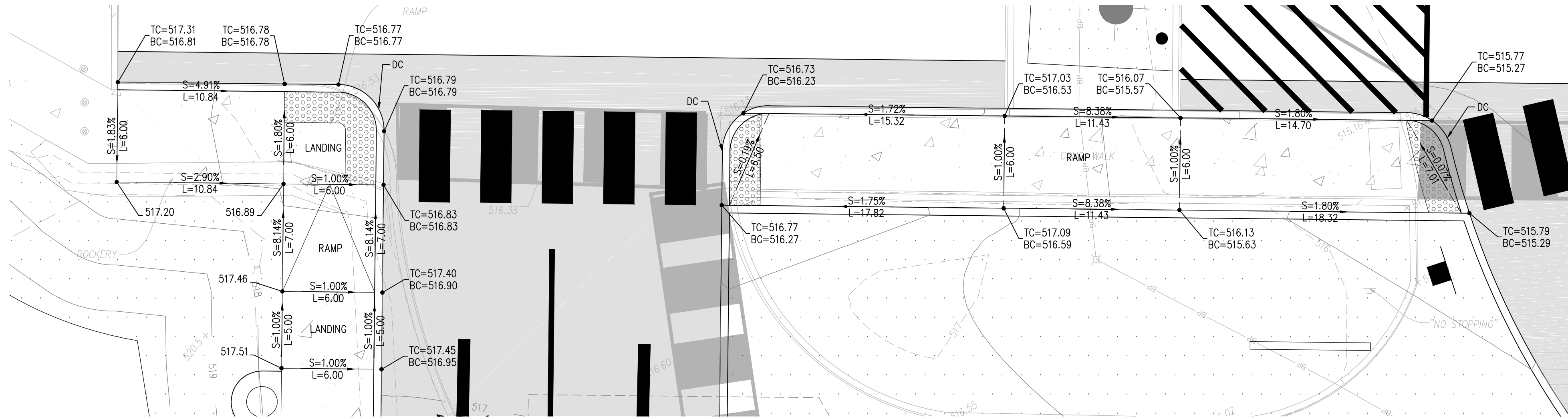
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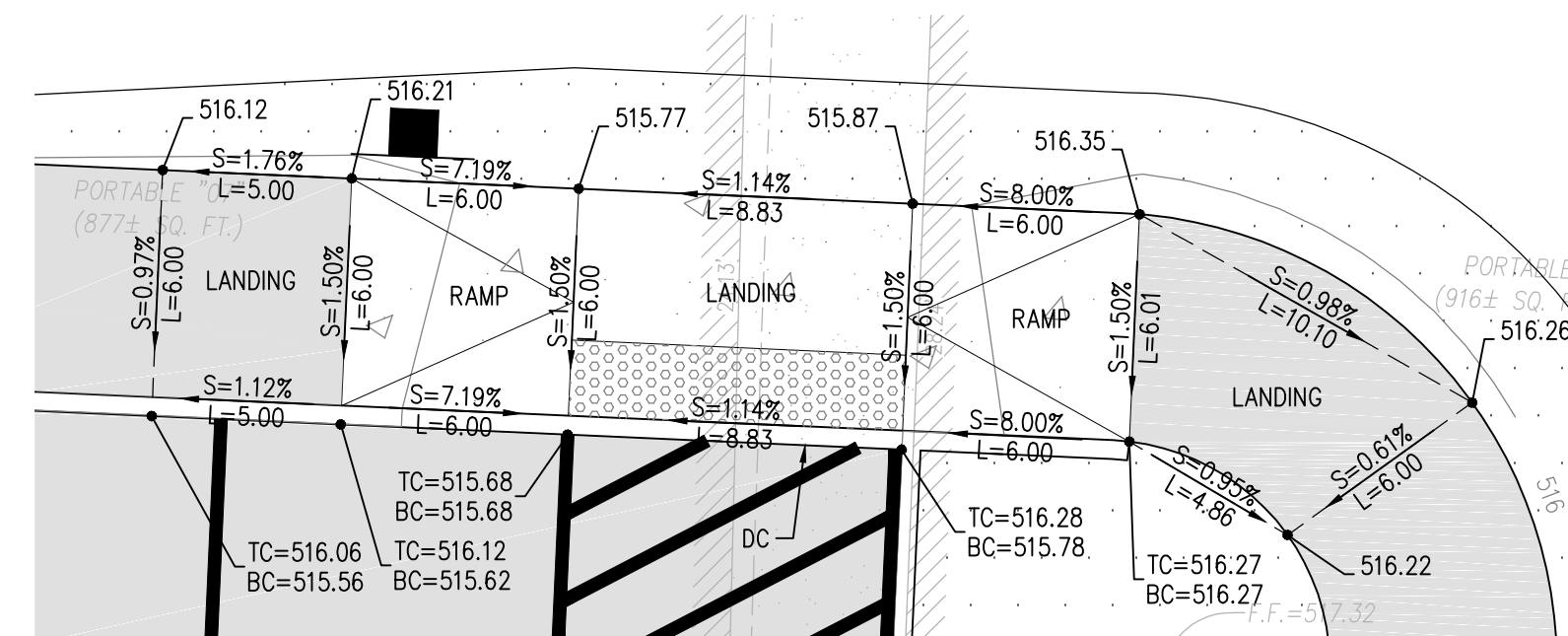
Project No.: 18711 Project Mgr.: RCH
Proj. Engineer: VMS Proj. Drafter: VMS

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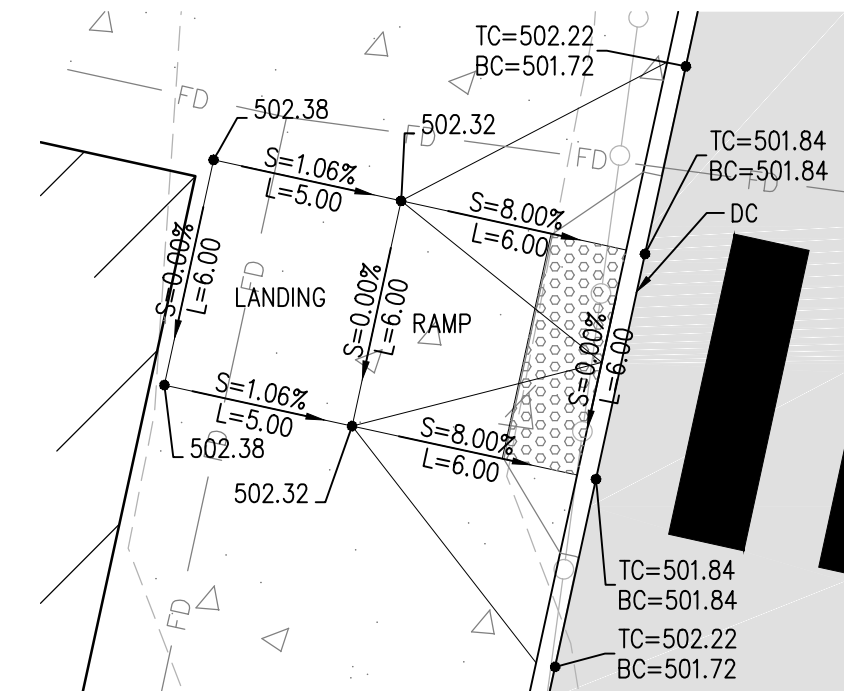
APPROVED
BY *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021
NOTE: THIS APPROVAL IS VOID
AFTER 180 DAYS FROM APPROVAL
DATE.
THE CITY WILL NOT BE
RESPONSIBLE FOR ERRORS AND/
OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE
CHANGES TO THESE PLANS AS
DETERMINED BY THE
ENGINEERING SERVICES
MANAGER.



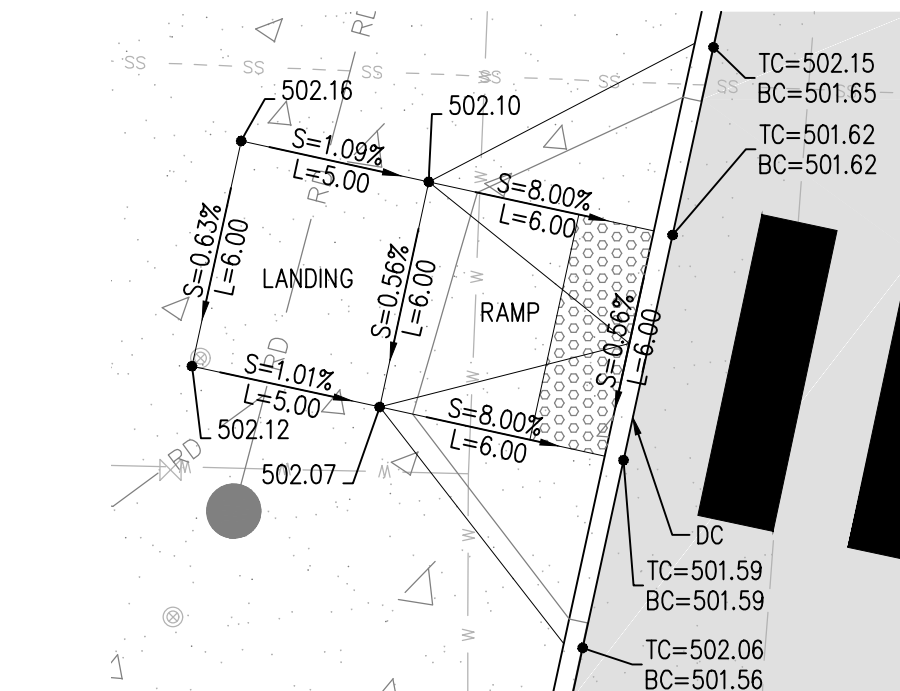
01 CURB RAMP ENLARGEMENT (WSDOT F-40.12-03 PARALLEL A)
SCALE: 1"=5'



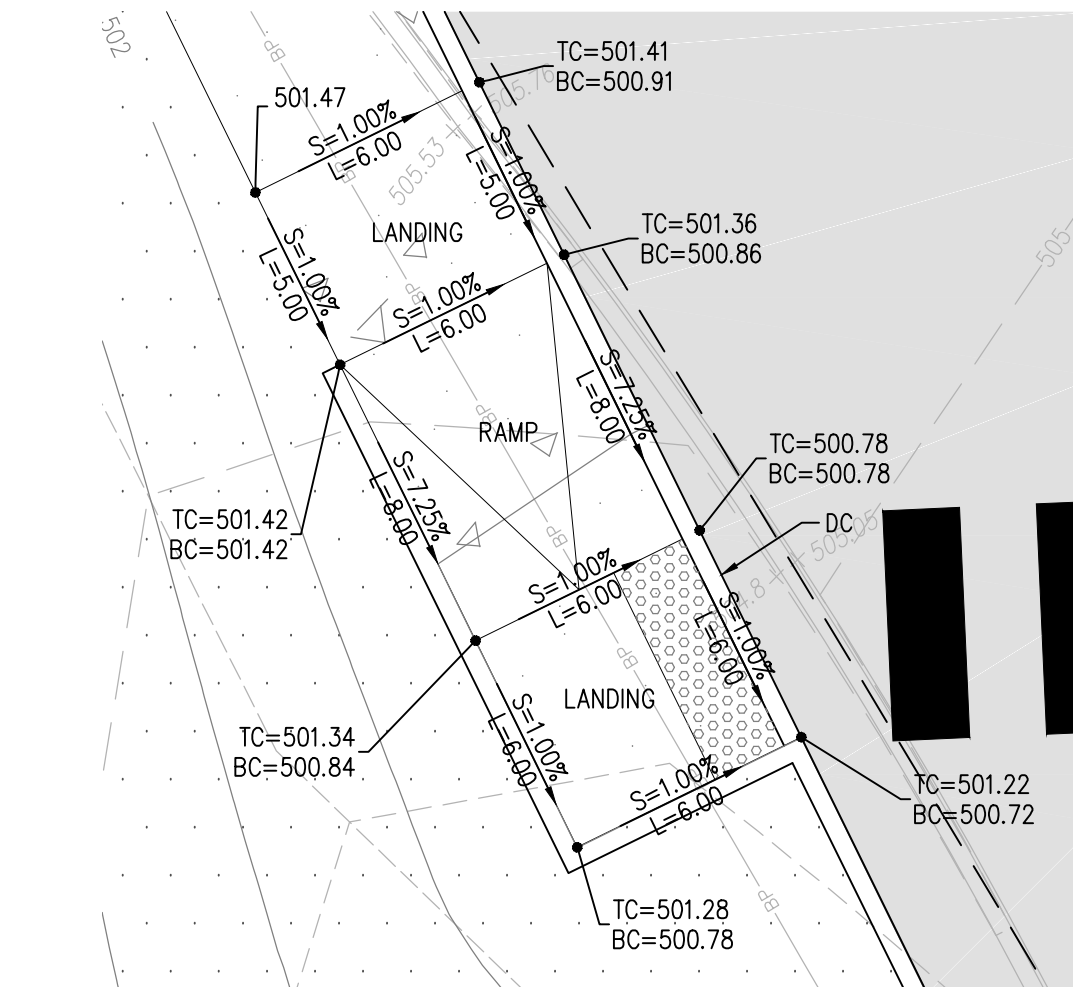
02 CURB RAMP ENLARGEMENT (WSDOT F-40.12-03 PARALLEL A)
SCALE: 1"=5'



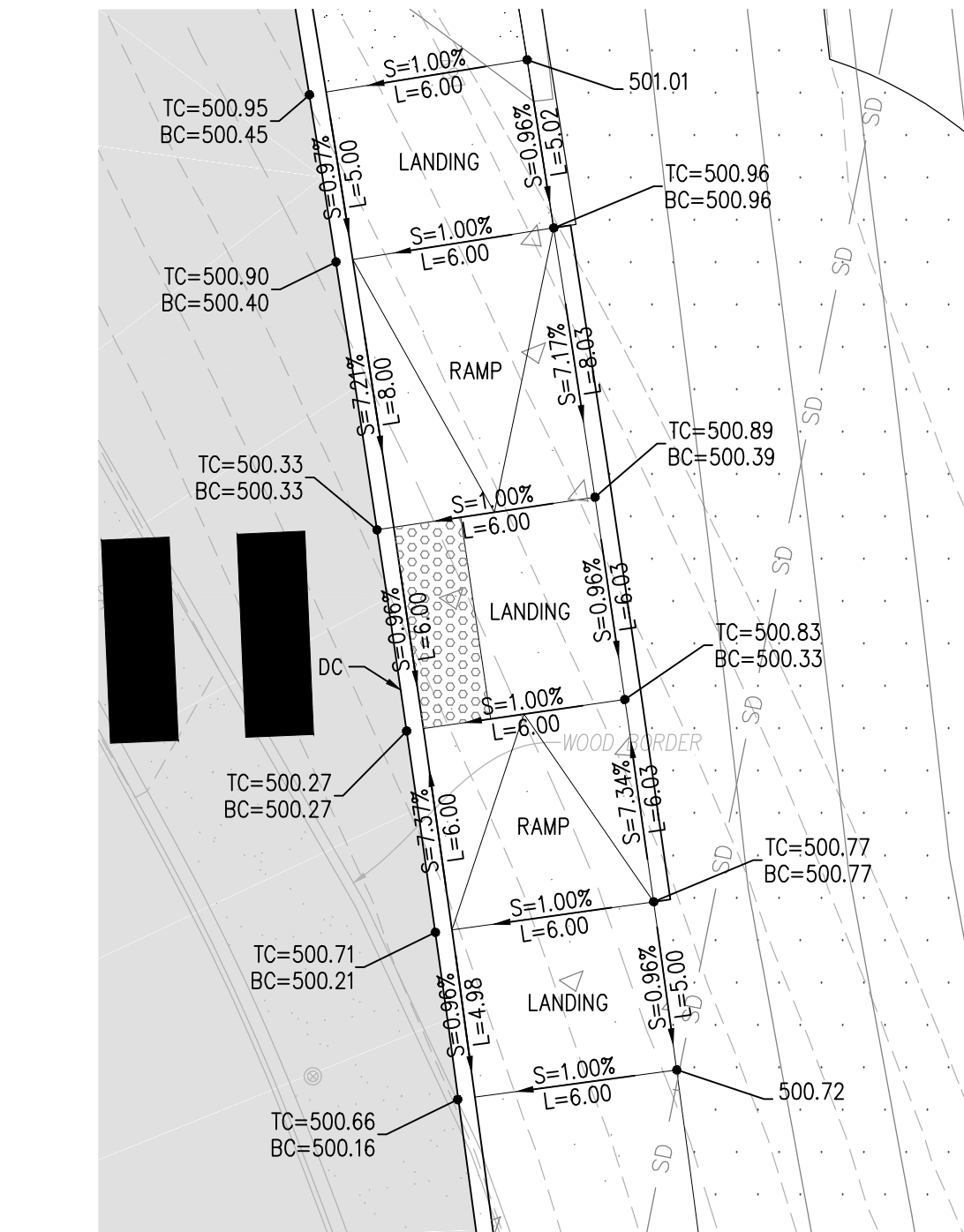
03 CURB RAMP ENLARGEMENT (WSDOT F-40.15-04 PERPENDICULAR A)
SCALE: 1"=5'



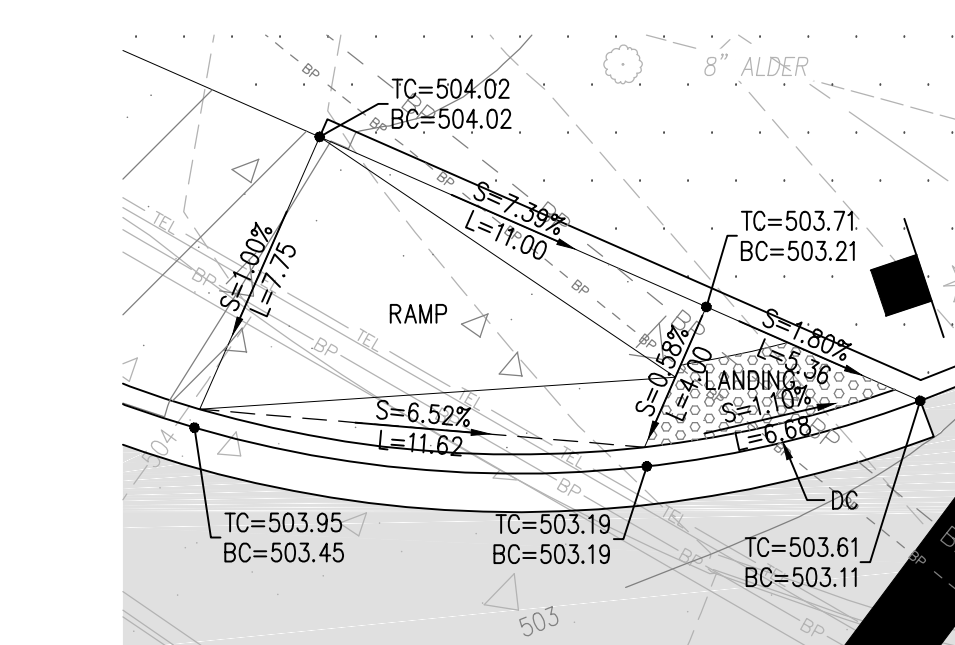
04 CURB RAMP ENLARGEMENT (WSDOT F-40.15-04 PERPENDICULAR A)
SCALE: 1"=5'



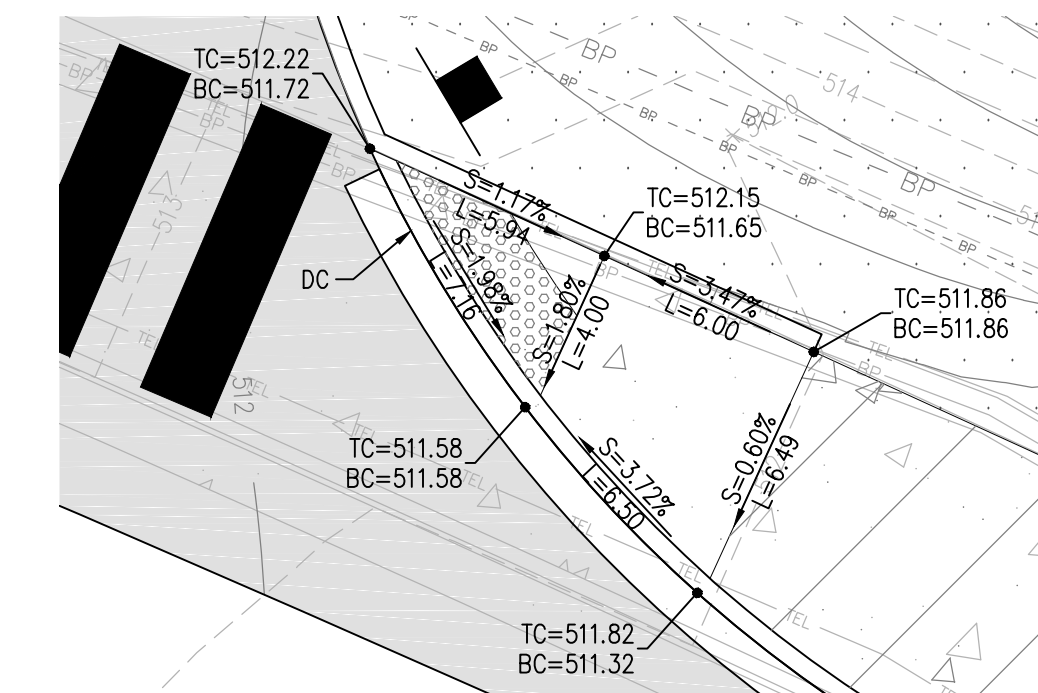
05 CURB RAMP ENLARGEMENT (WSDOT F-40.12-03 PARALLEL B)
SCALE: 1"=5'



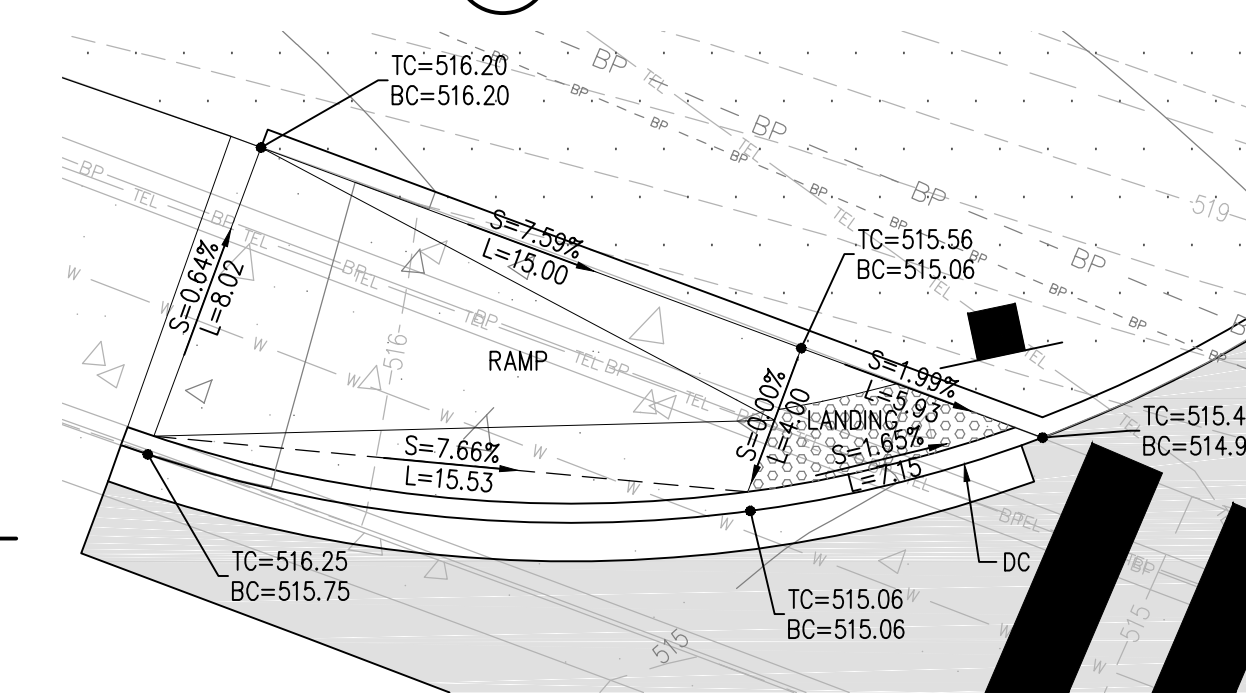
06 CURB RAMP ENLARGEMENT (WSDOT F-40.12-03 PARALLEL A)
SCALE: 1"=5'



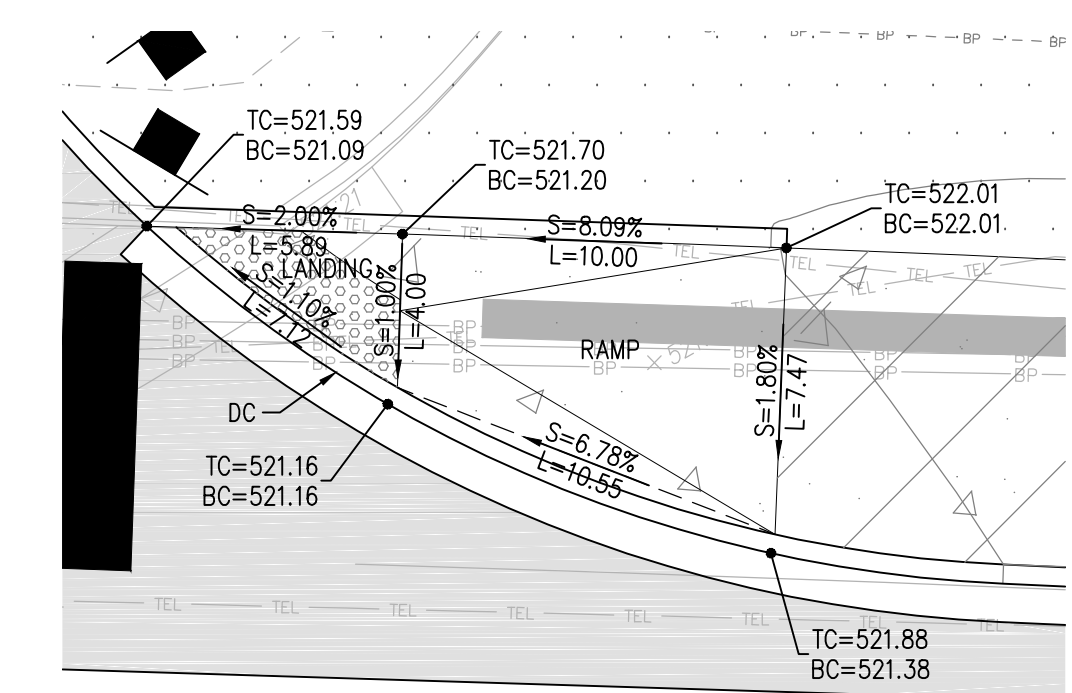
07 CURB RAMP ENLARGEMENT (WSDOT F-40.16-03 SINGLE DIRECTION A)
SCALE: 1"=5'



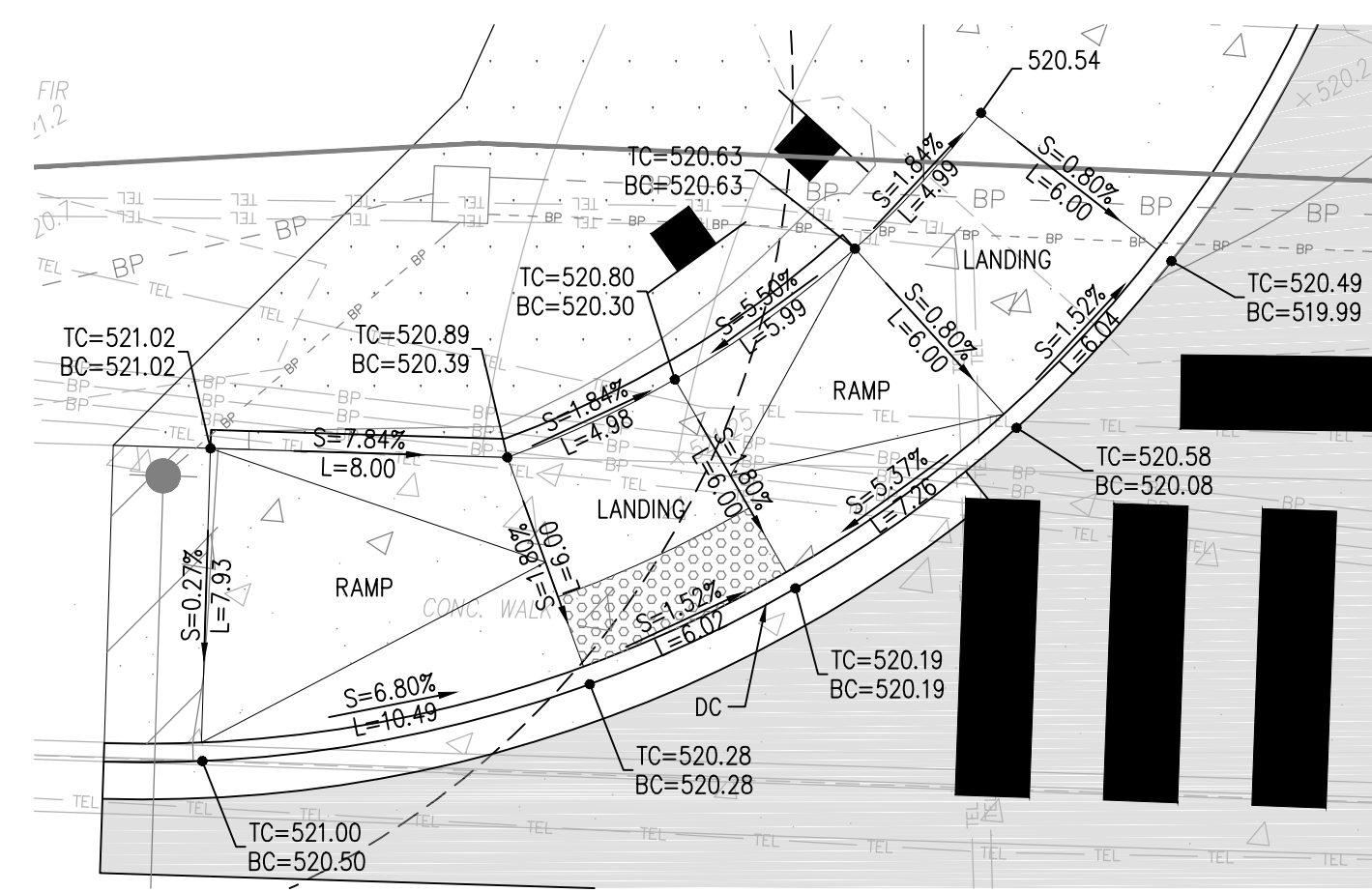
08 CURB RAMP ENLARGEMENT (WSDOT F-40.16-03 SINGLE DIRECTION A)
SCALE: 1"=5'



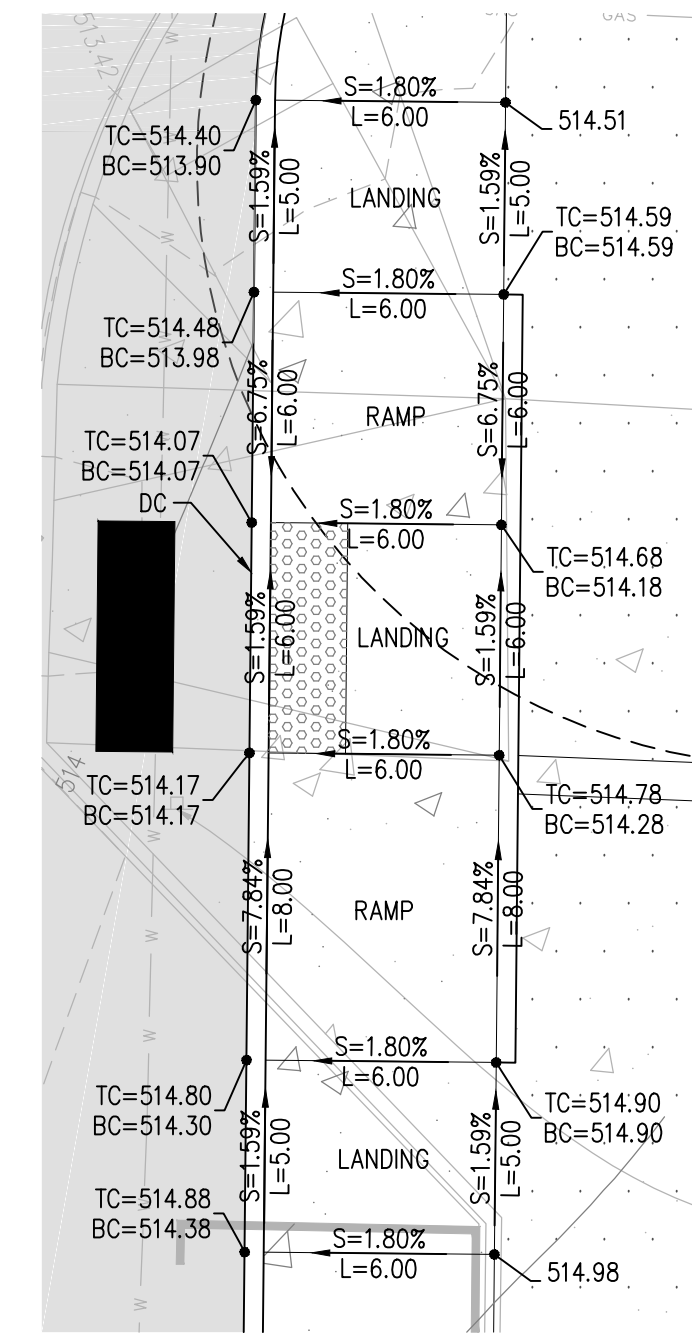
09 CURB RAMP ENLARGEMENT (WSDOT F-40.16-03 SINGLE DIRECTION A)
SCALE: 1"=5'



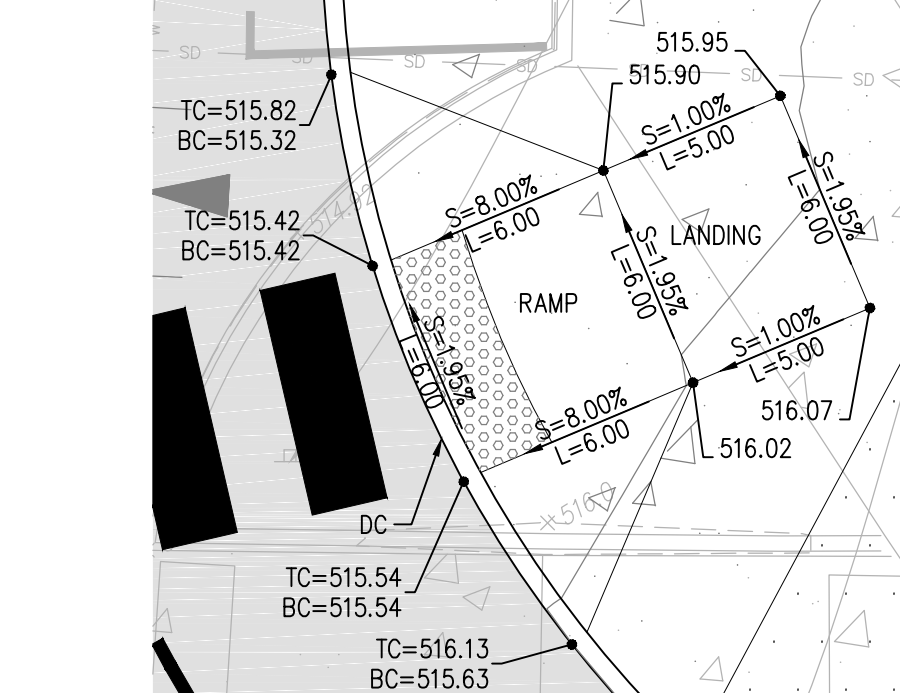
10 CURB RAMP ENLARGEMENT (WSDOT F-40.16-03 SINGLE DIRECTION A)
SCALE: 1"=5'



11 CURB RAMP ENLARGEMENT (WSDOT F-40.12-03 PARALLEL A)
SCALE: 1"=5'



12 CURB RAMP ENLARGEMENT (WSDOT F-40.12-03 PARALLEL A)
SCALE: 1"=5'

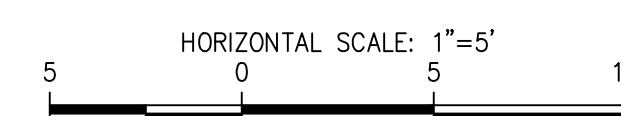


13 CURB RAMP ENLARGEMENT (WSDOT F-40.15-04 PERPENDICULAR A)
SCALE: 1"=5'

CURB RAMP NOTES

- CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF PUYALLUP STANDARDS, INDICATED WSDOT STANDARDS, AND CURRENT ADA REGULATIONS. IF THERE IS A CONFLICT BETWEEN CITY STANDARDS AND THE ADA REGULATIONS, THE ADA REGULATIONS SHALL TAKE PRECEDENCE OVER THE CITY'S REQUIREMENTS. SEE DETAIL 06/C3.05.

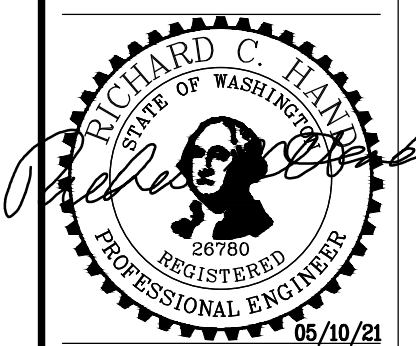
TC = TOP OF CURB
BC = BOTTOM OF CURB
DC = DEPRESSED CURB



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Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS

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two business days
before you dig



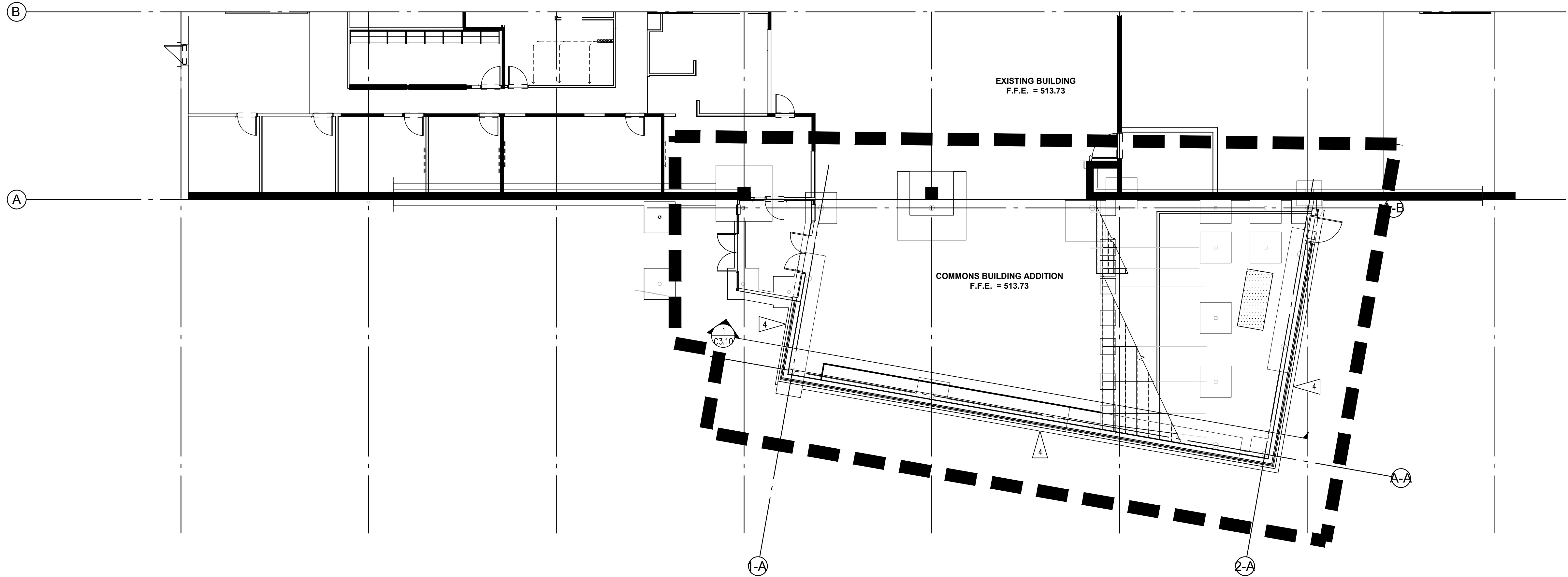
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ARCHITECTURE
nacarchitecture.com

NAC NO 121-19038
DRAWN VMS
CHECKED RCH
DATE 05/10/2021

GRADING
ENLARGEMENTS

SHEET 24 OF 45

C3.09



COMMONS ADDITION BUILDING PAD PLAN VIEW

SCALE: 1"=10'

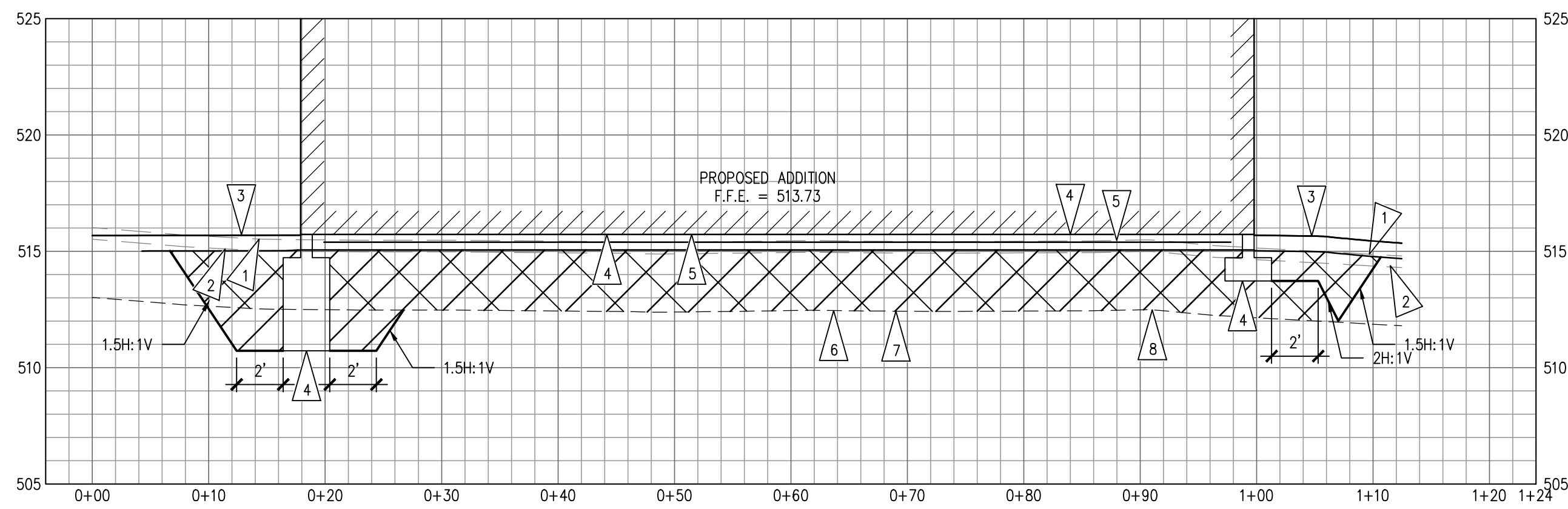


LEGEND

- UNCLASSIFIED EXCAVATION
- IMPORT STRUCTURAL FILL SUBBASE

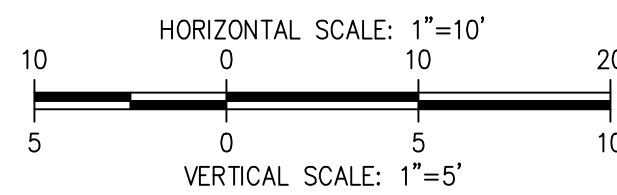
EARTHWORK SECTION KEY NOTES

- EXISTING GRADE.
- EXISTING GRADE MINUS 6" STRIPPING OR DEPTH.
- PROPOSED FINISH GRADE. SURFACING SECTION PER PLAN.
- SLAB, FOOTINGS AND STEM WALLS PER STRUCTURAL.
- PROVIDE CAPILLARY BREAK PER DETAIL 01/C3.12.
- REMOVE EXISTING FILL SOILS TO SUBBASE SUBGRADE.
- SUBBASE SUBGRADE OR EXISTING FILL/OUTWASH CONTACT LAYER. EXISTING FILL SOILS LOCATED BENEATH NEW SLABS AND FOOTINGS SHALL BE EXCAVATED AND BACKFILLED WITH IMPORT STRUCTURAL FILL. STRUCTURAL FILL IN HORIZONTAL LIFTS NOT TO EXCEED 8 INCHES IN LOOSE THICKNESS. EACH LIFT SHALL BE COMPACTED TO AT LEAST 95% BASED ON THE MODIFIED PROCTOR MAXIMUM DRY DENSITY. EXACT DEPTH OF EXCAVATION AND BACKFILL SHALL BE DETERMINED BY GEOTECHNICAL ENGINEER.
- COORDINATE BUILDING PAD EARTHWORK REQUIREMENTS WITH DETAIL 01/C3.12.



1 COMMONS ADDITION BUILDING PAD SECTION

SCALE: H: 1"=10' V: 1"=5'

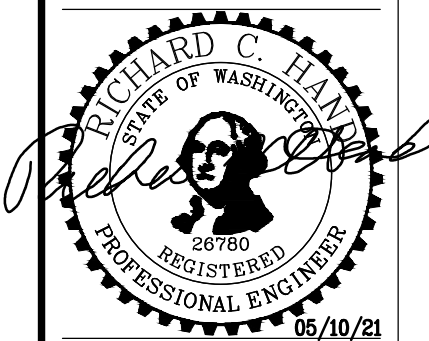


APPROVED
BY *Jack Bailey*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021
NOTE: THIS APPROVAL IS VOID
AFTER 180 DAYS FROM APPROVAL
DATE.
THE CITY WILL NOT BE
RESPONSIBLE FOR ERRORS AND/
OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE
CHANGES TO THESE PLANS AS
DETERMINED BY THE
ENGINEERING SERVICES
MANAGER.

REVISIONS

PERMIT
RESUBMITTAL

PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION
3213 WILWOOD PARK DR PUYALLUP, WA 98374



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P:206.441.4522

NAC NO 121-19038
DRAWN VMS
CHECKED RCH
DATE 05/10/2021

SITE SECTIONS

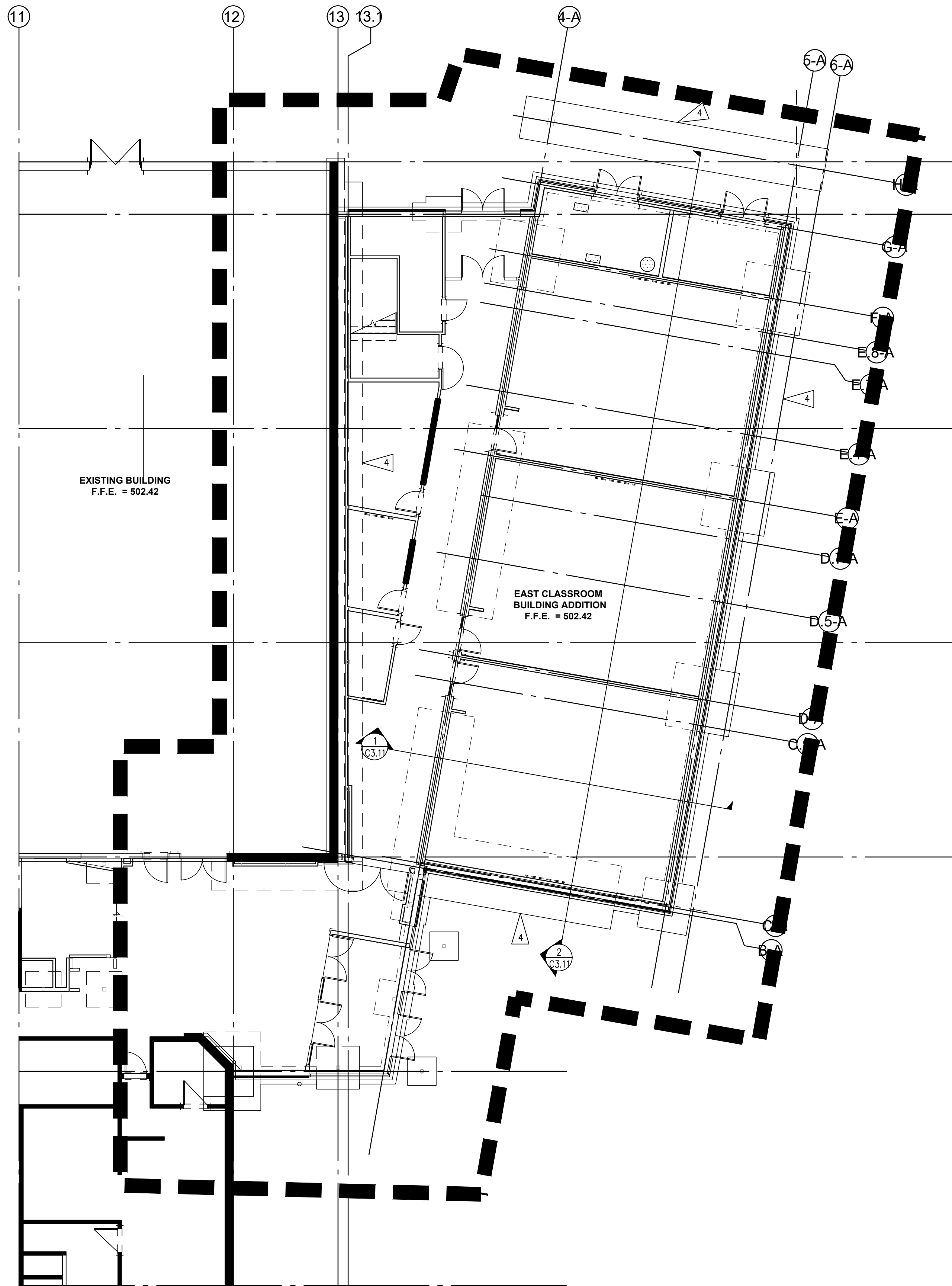
SHEET 25 OF 45

C3.10

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<http://www.sitts&hill.com/>

Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS





EAST CLASSROOM ADDITION BUILDING PAD PLAN VIEW
SCALE: 1"=10'

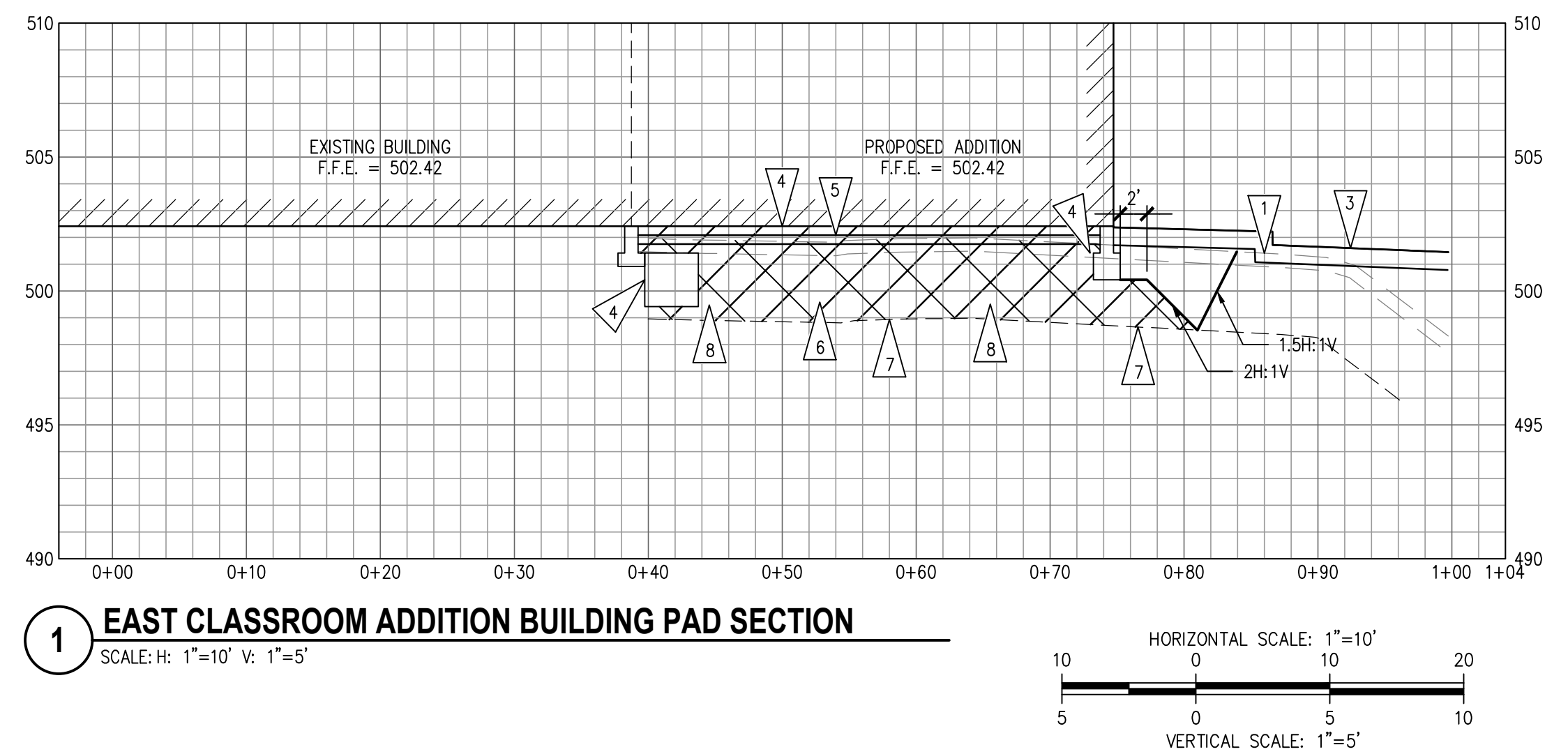


LEGEND

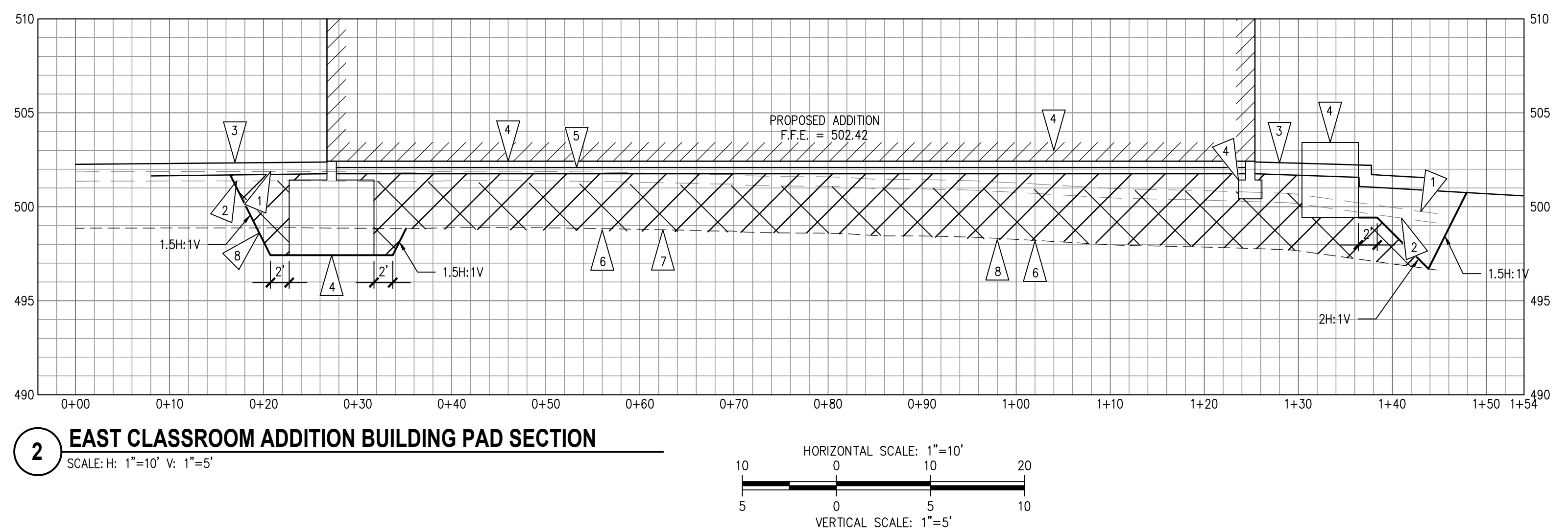
	UNCLASSIFIED EXCAVATION
	IMPORT STRUCTURAL FILL SUBBASE

EARTHWORK SECTION KEY NOTES

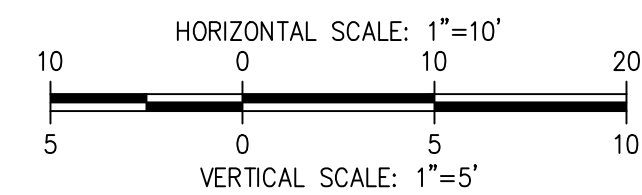
- EXISTING GRADE.
- EXISTING GRADE MINUS 6" STRIPPING OR DEPTH.
- PROPOSED FINISH GRADE. SURFACING SECTION PER PLAN.
- SLAB, FOOTINGS AND STEM WALLS PER STRUCTURAL.
- PROVIDE CAPILLARY BREAK PER DETAIL 01/C3.12.
- REMOVE EXISTING FILL SOILS TO SUBBASE SUBGRADE.
- SUBBASE SUBGRADE OR EXISTING FILL/OUTWASH CONTACT LAYER. PROVIDE IMPORT STRUCTURAL FILL IN HORIZONTAL LIFTS NOT TO EXCEED 8 INCHES IN LOOSE THICKNESS BEARING ON SUBBASE SUBGRADE AND PAD SUBGRADE. EACH LIFT SHALL BE COMPACTED TO AT LEAST 95% BASED ON THE MODIFIED PROCTOR MAXIMUM DRY DENSITY. EXACT DEPTH OF EXCAVATION AND BACKFILL SHALL BE DETERMINED BY GEOTECHNICAL ENGINEER.
- COORDINATE BUILDING PAD EARTHWORK REQUIREMENTS WITH DETAIL 01/C3.12.



1 EAST CLASSROOM ADDITION BUILDING PAD SECTION
SCALE: H: 1"=10' V: 1"=5'



2 EAST CLASSROOM ADDITION BUILDING PAD SECTION
SCALE: H: 1"=10' V: 1"=5'

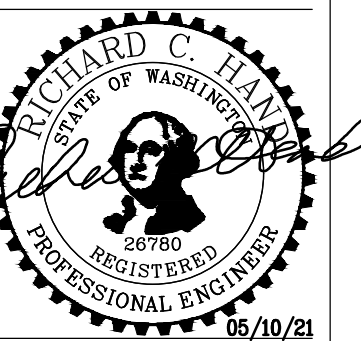


APPROVED
BY: *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE: 5/13/2021
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REVISIONS

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RESUBMITTAL

PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION
3213 WILDWOOD PARK DR. PUYALLUP, WA 98374



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DRAWN: VMS
CHECKED: RCH
DATE: 05/10/2021

SITE SECTIONS

SHEET 26 OF 45

C3.11

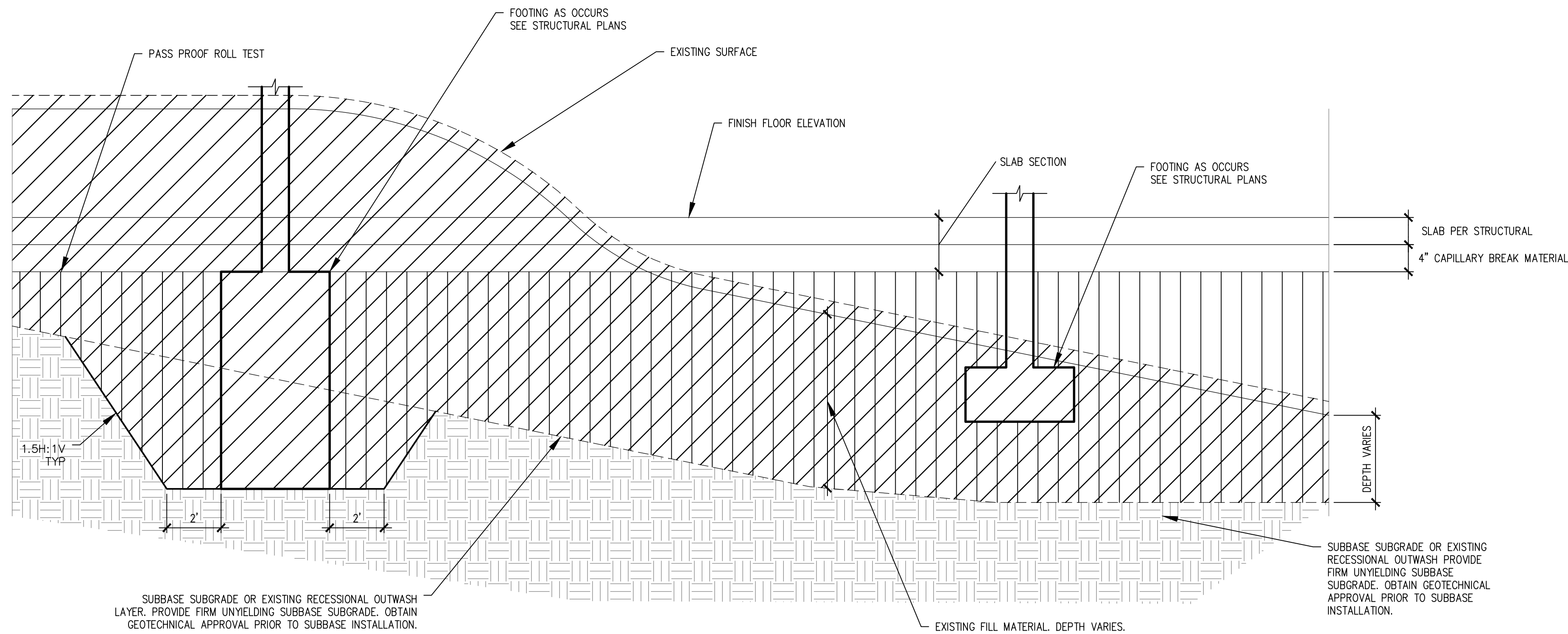
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Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS

811 Call 811
two business days
before you dig

LEGEND

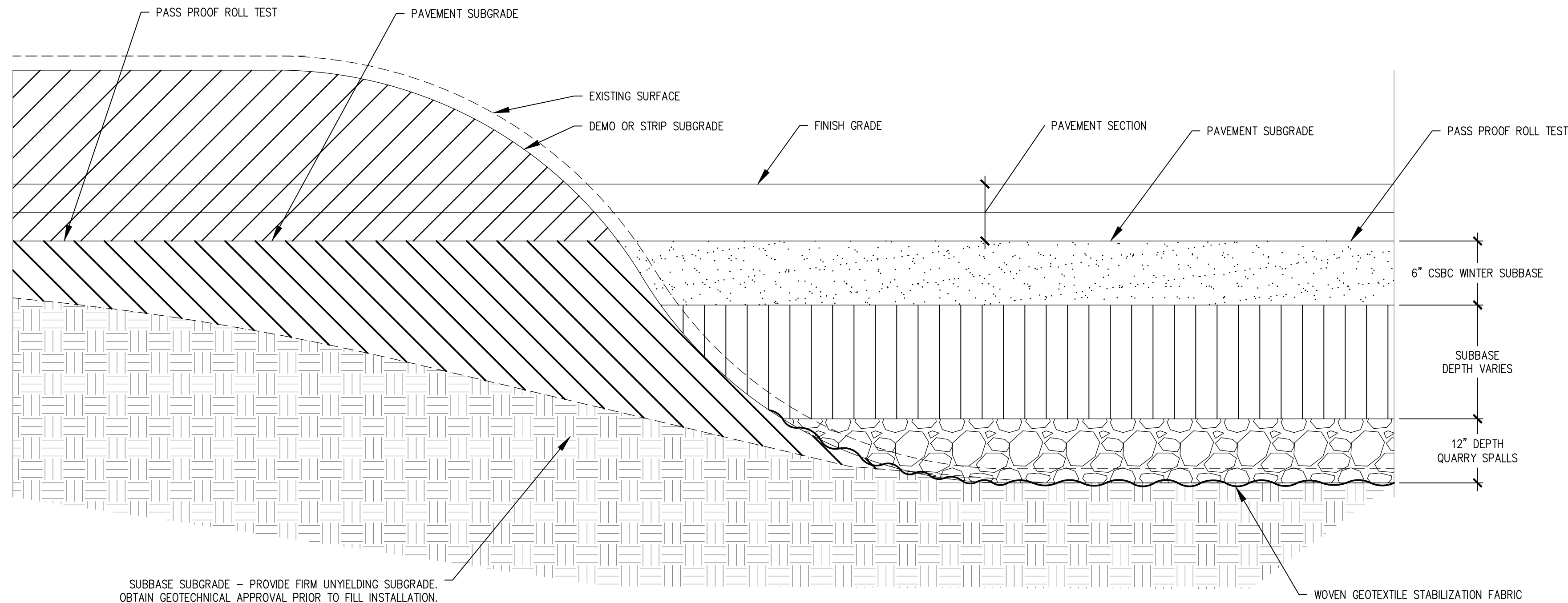
- UNCLASSIFIED EXCAVATION
DEPTH VARIES
- EXISTING SOILS TO REMAIN
- SUBBASE PROVIDE IMPORT STRUCTURAL FILL



01 BUILDING PAD EARTHWORK SECTION
SCALE: N.T.S.

LEGEND

- UNCLASSIFIED EXCAVATION
DEPTH VARIES
- EXISTING SOILS TO REMAIN
- SUBBASE PROVIDE IMPORT STRUCTURAL FILL
COMPACT TO 95% DENSITY AND PASS PROOF TEST
AT PAVEMENT SUBGRADE
- COMPACT EXISTING 2' OF EXISTING SOILS TO 95%
MAXIMUM DENSITY AND PASS PROOF TEST
- QUARRY SPALLS
- CSBC - WINTER SURFACING



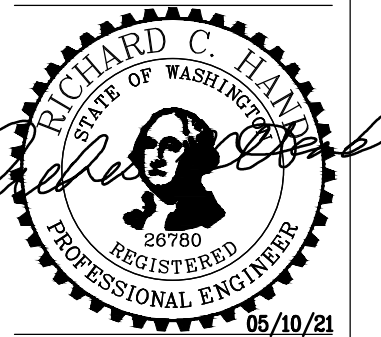
02 PAVEMENT EARTHWORK SECTION
SCALE: N.T.S.

APPROVED
BY *Joseph B. Kelly*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021
NOTE: THIS APPROVAL IS VOID
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PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION
3213 WILLOW PARK DR. PUYALLUP, WA 98374



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DRAWN VMS
CHECKED RCH
DATE 05/10/2021

SITE SECTIONS

SHEET 27 OF 45

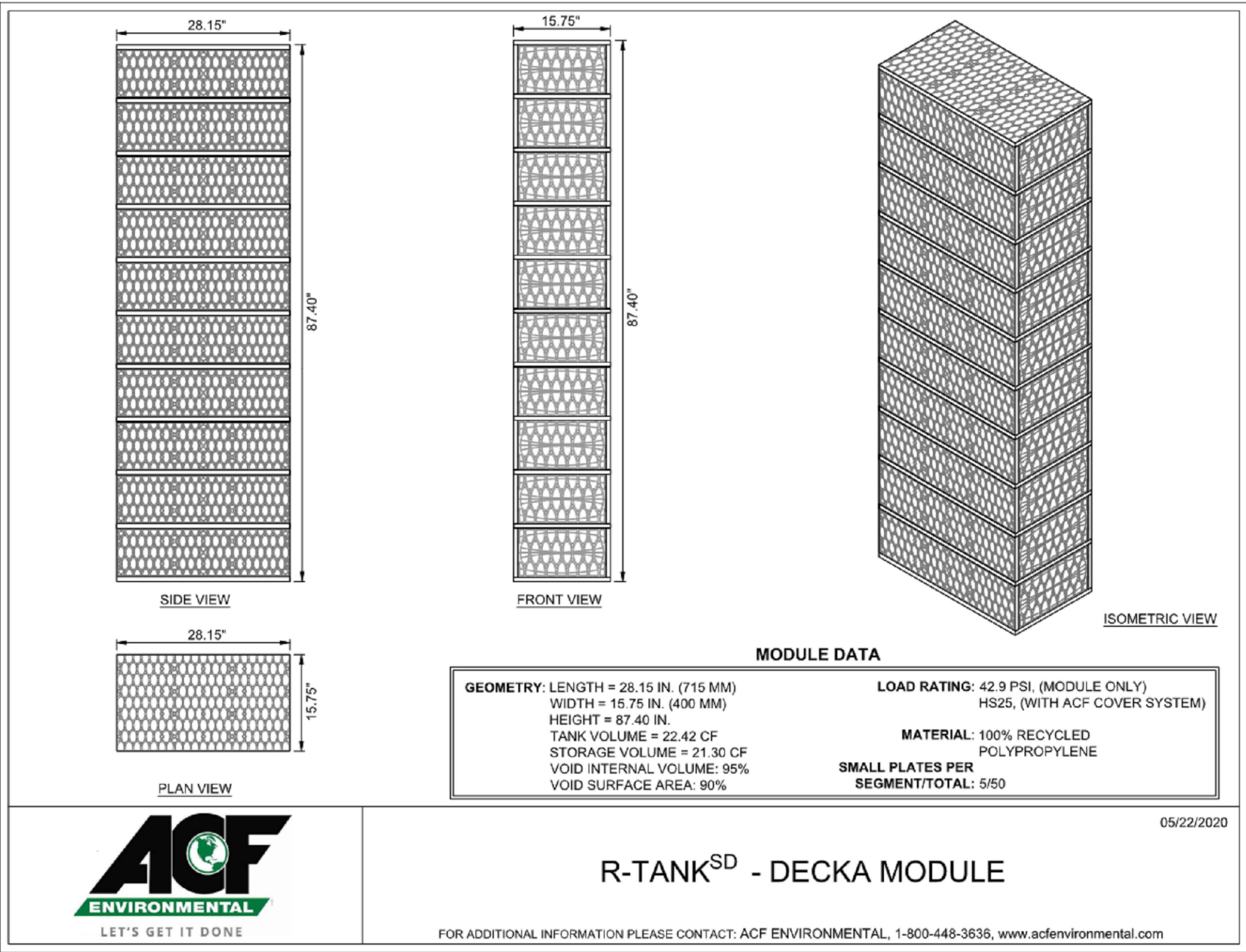
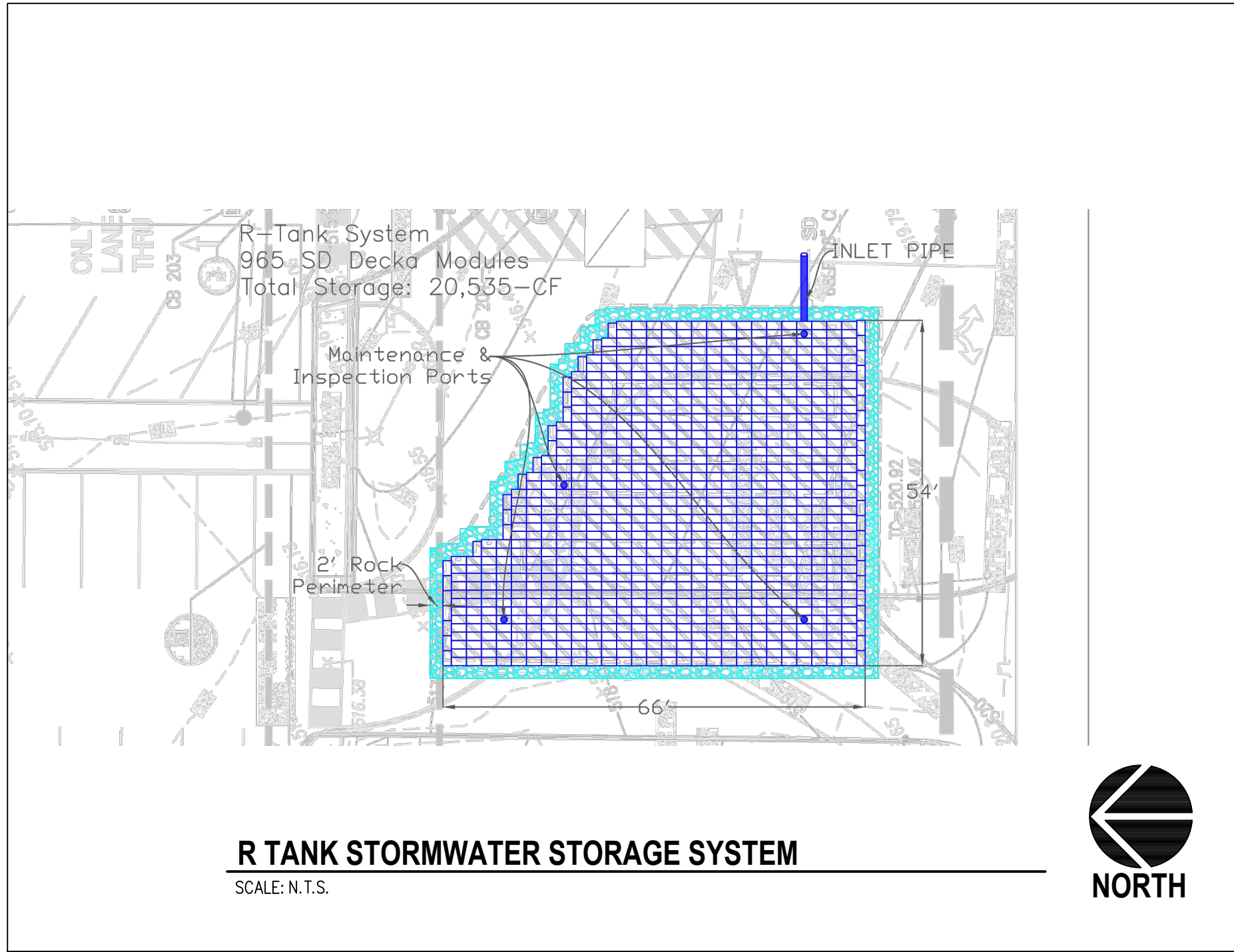
C3.12



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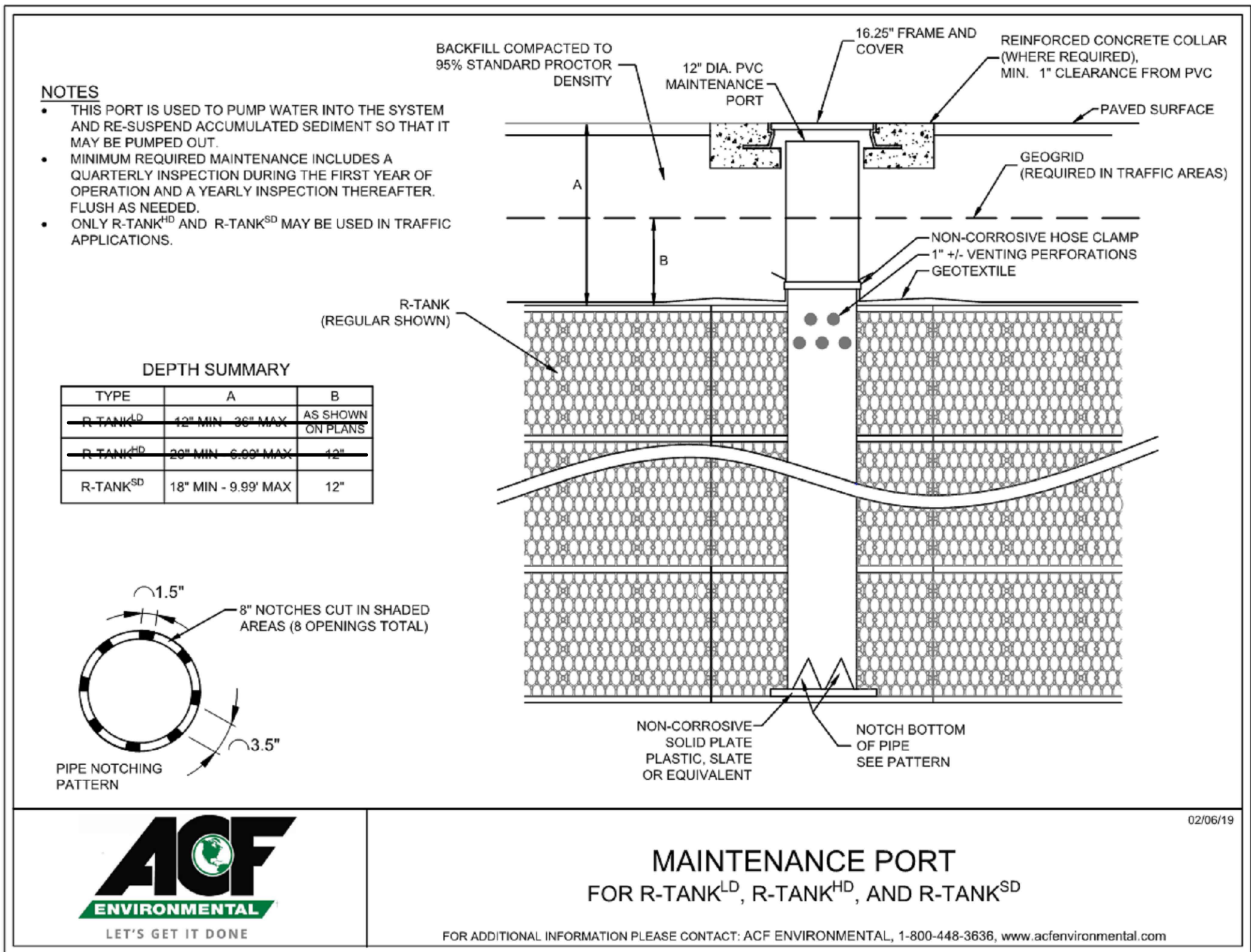
Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS

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two business days
before you dig



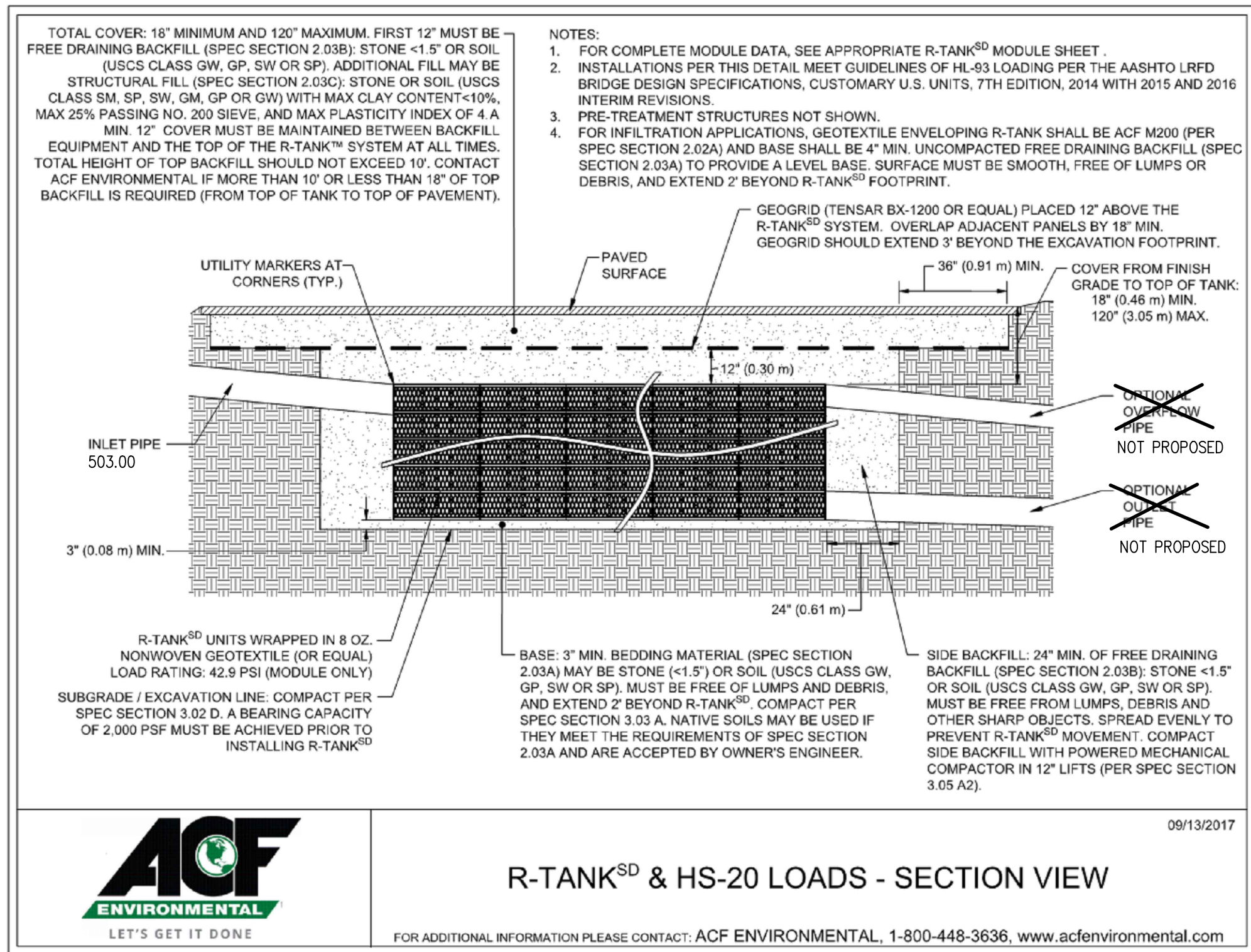
01 R-TANK MODULE

SCALE: N.T.S.



02 MAINTENANCE PORT

SCALE: N.T.S.



03 R-TANK SECTION

SCALE: N.T.S.

APPROVED

BY *Paul Bailey*

CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE 5/13/2021

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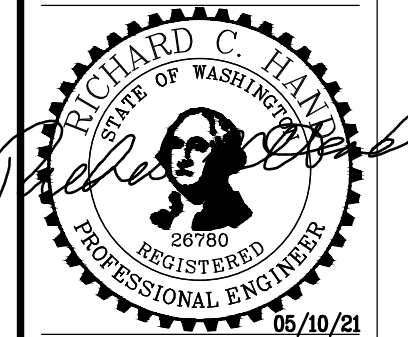
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.

REVISIONS

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RESUBMITTAL

PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION

3213 WILLOW PARK DR PUYALLUP, WA 98374



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DATE 05/10/2021

UNDERGROUND
INFILTRATION
DETAILS

SHEET 29 OF 45

C3.14

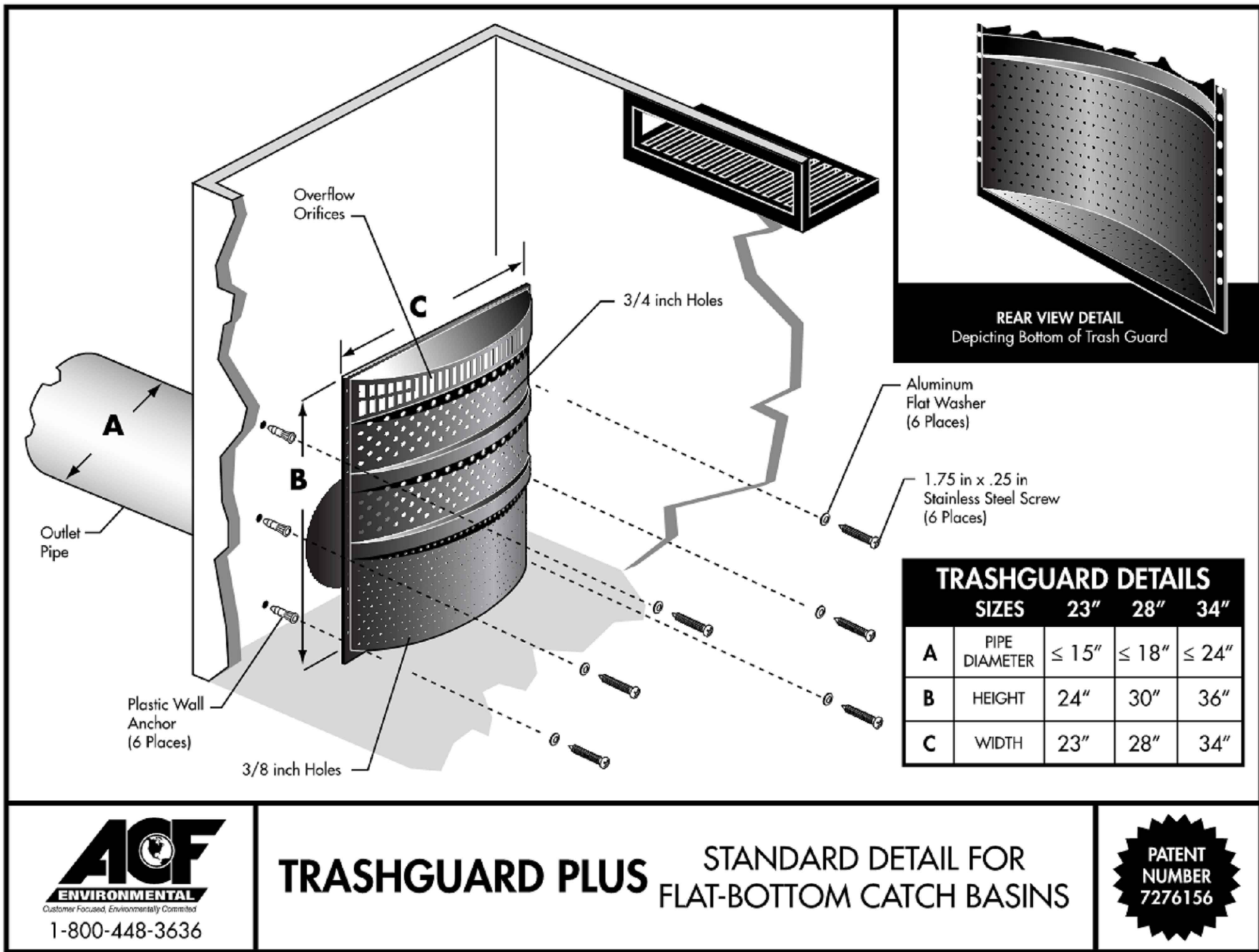
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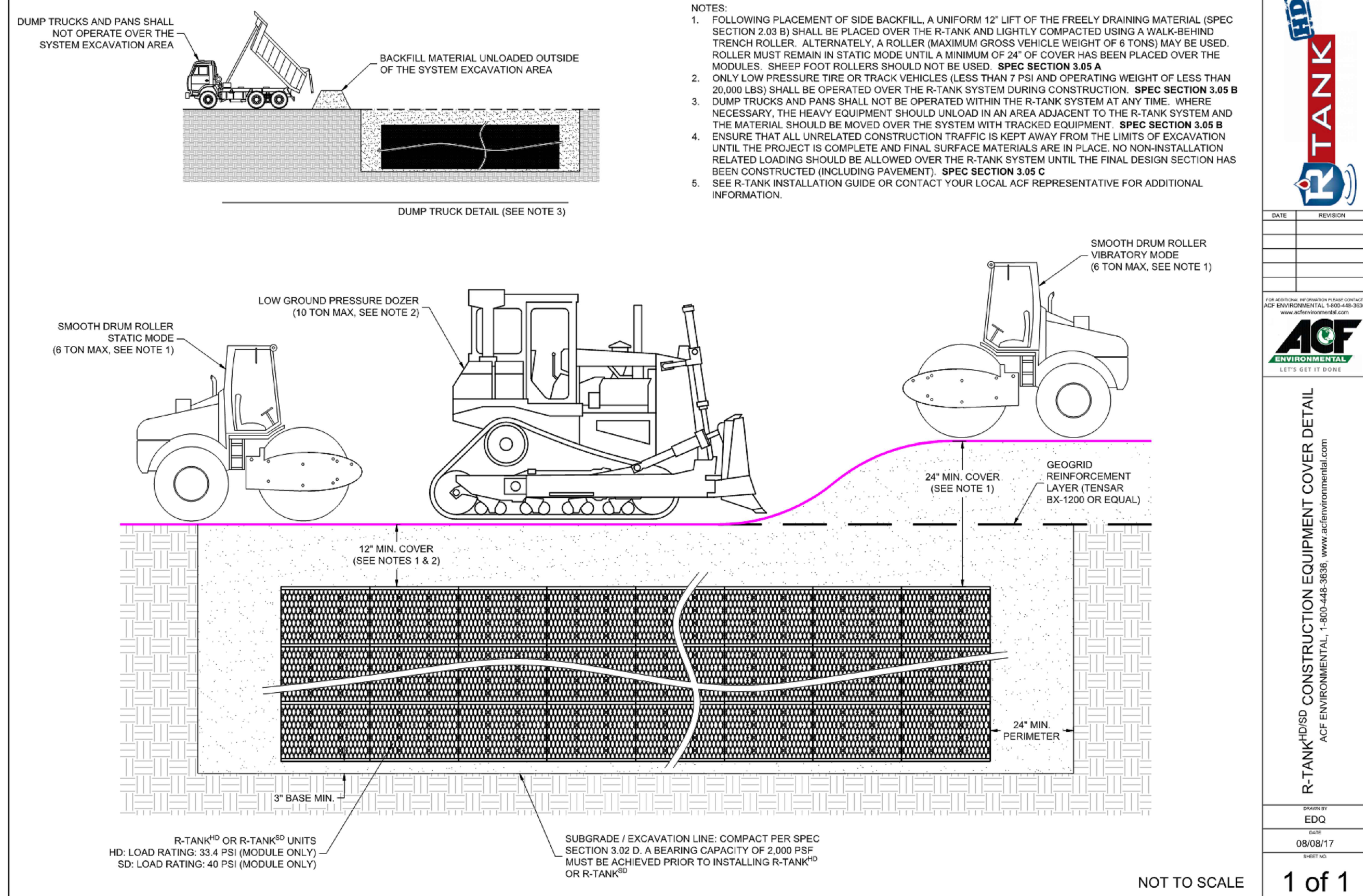
Project No.: 18711 Project Mgr.: RCH
Proj. Engineer: VMS Proj. Drafter: VMS

811 Call 811
two business days
before you dig



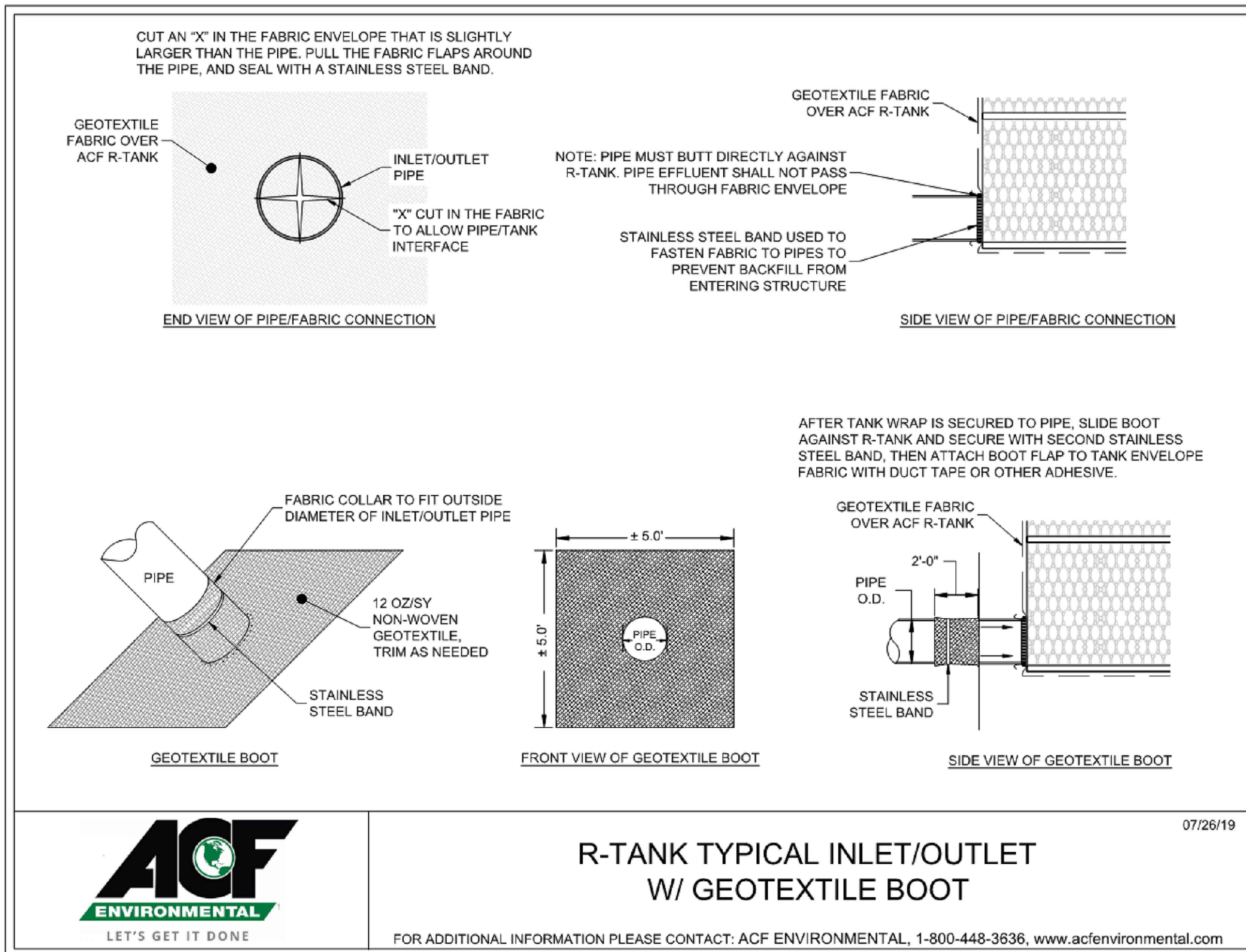
01 TRASHGUARD PLUS (INSTALL ON CB 206)

SCALE: N.T.S.



02 R-TANK CONSTRUCTION

SCALE: N.T.S.



04 R-TANK INLET WITH GEOTEXTILE BOOT

SCALE: N.T.S.

APPROVED
BY *Joseph Bailey*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.

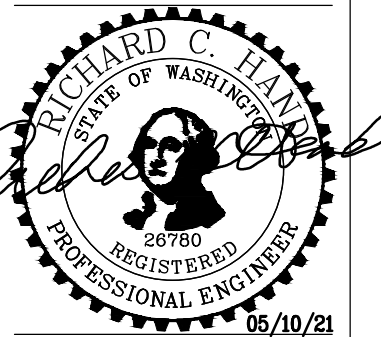
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REVISIONS

PERMIT
RESUBMITTAL

PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION
3213 WILLOW PARK DR. PUYALLUP, WA 98374



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NAC NO 121-19038
DRAWN VMS
CHECKED RCH
DATE 05/10/2021

UNDERGROUND INFILTRATION DETAILS

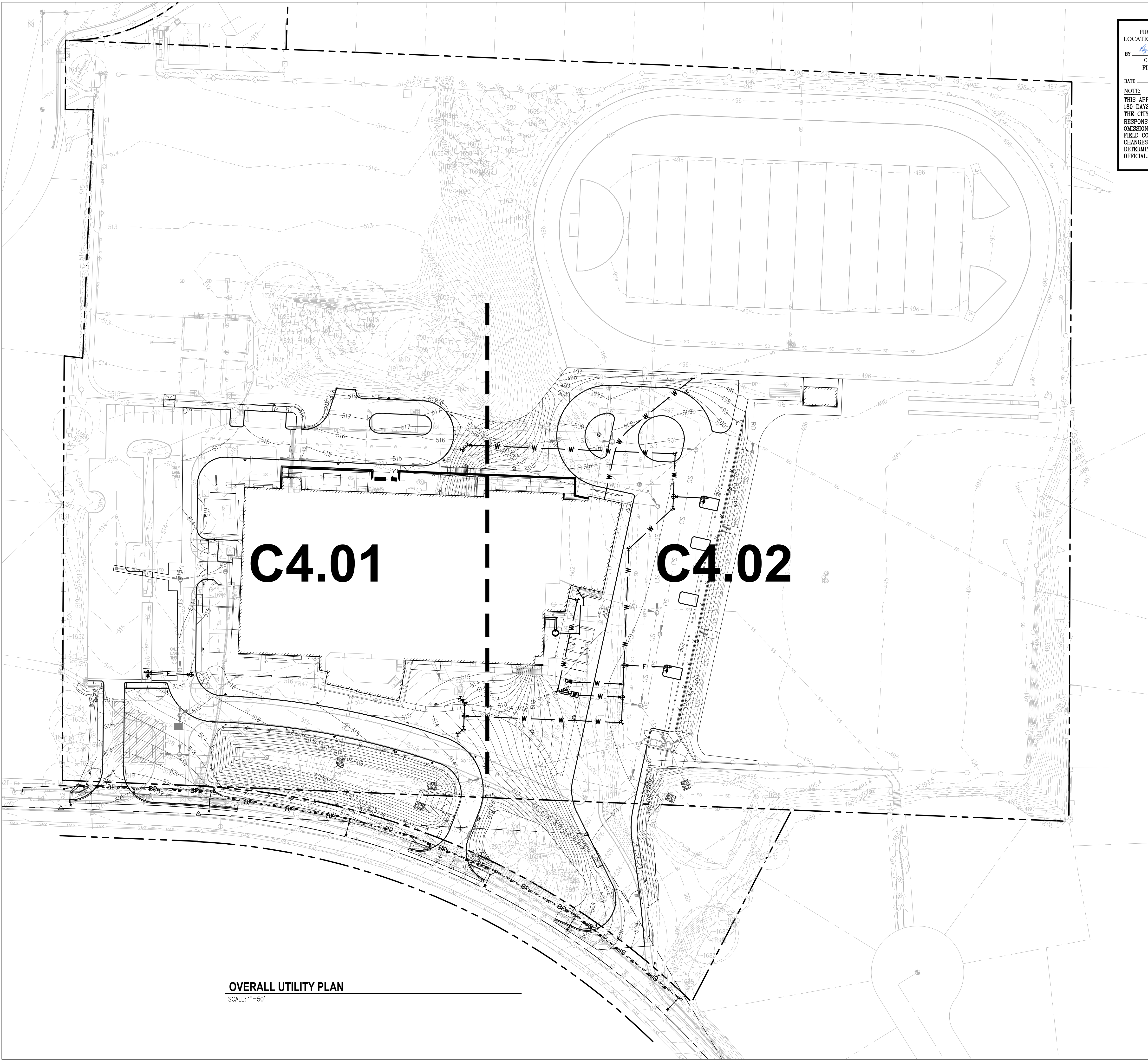
SHEET 30 OF 45

C3.15

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Project No.: 18711 Project Mgr.: RCH
Proj. Engineer: VMS Proj. Drafter: VMS



OVERALL UTILITY PLAN
SCALE: 1"=50'

FIRE HYDRANT/FDC
LOCATION/ACCESS APPROVED
BY City of Puyallup
CITY OF PUYALLUP
FIRE CODE OFFICIAL
DATE May 13, 2021
NOTE:
THIS APPROVAL IS VOID AFTER
180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE
RESPONSIBLE FOR ERRORS AND/OR
OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE
CHANGES TO THESE PLANS AS
DETERMINED BY THE FIRE CODE
OFFICIAL.

APPROVED
BY City of Puyallup
CITY OF PUYALLUP WATER
DATE _____
NOTE:
THIS APPROVAL IS VOID AFTER
180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE
RESPONSIBLE FOR ERRORS AND/OR
OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE
CHANGES TO THESE PLANS AS
DETERMINED BY THE WATER
PURVEYOR.

APPROVED
BY Richard C. Hanks
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021
NOTE: THIS APPROVAL IS VOID
AFTER 180 DAYS FROM APPROVAL
DATE.
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FIELD CONDITIONS MAY DICTATE
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DETERMINED BY THE
ENGINEERING SERVICES
MANAGER.

- LEGEND
PROPOSED FEATURES.
- W WATER PIPING
 - WF WATER FITTING W/THRUST BLOCKS
 - GV GATE VALVE
 - FH FIRE HYDRANT, SEE DETAIL 01/C4.04
 - SS SANITARY SEWER PIPING
 - SC SANITARY SEWER CLEANOUT, SEE DETAIL 03/C4.04

- GENERAL NOTES
1. THE WATER SYSTEM SHALL BE CONSTRUCTED TO CURRENT CITY OF PUYALLUP STANDARDS.
 2. TYPICAL UTILITY TRENCH EXCAVATION, BEDDING AND BACKFILL SHALL COMPLY WITH CITY STANDARD DETAIL 06.01.01 REQUIREMENTS (SEE DETAIL 02/C4.04).
 3. ADJUST OR SET THE FRAMES OF EXISTING AND PROPOSED UTILITY GRATES AND COVERS AS NECESSARY TO MATCH THE CROSS SLOPE OF THE PROPOSED FINISH GRADE AND SUCH THAT NO PONDING OCCURS AROUND UTILITY GRATES AND COVERS.
 4. ALL WATER AND FIRE WATER PIPING 3" AND LARGER SHALL BE THRUST BLOCKED PER DETAILS 04, 05, & 06/C4.03. 3" THRUST BLOCKS SHALL MATCH 4" SIZES.
 5. ALL WATER AND FIRE WATER FITTINGS 3" AND LARGER SHALL HAVE MEGALUG RESTRAINED JOINTS.
 6. COMPLY WITH WATERMAIN CLEARANCE REQUIREMENT IN DETAILS 02 & 03/C4.03.
 7. FH INSTALLATIONS SHALL CONFORM TO DETAIL 01/C4.04 REQUIREMENTS.
 8. COMPLY WITH WATER NOTE REQUIREMENTS ON C4.04.
 9. PROVIDE WATER VALVE INSTALLATIONS PER DETAIL 01/C4.03 REQUIREMENTS.
 10. PROVIDE 3'-0" MINIMUM COVER OVER WATER PIPELINE UNLESS OTHERWISE SPECIFIED.
 11. THE MINIMUM DISTANCE BETWEEN WATER LINES AND SEWER LINES SHALL BE 10 FEET HORIZONTALLY AND 18 INCHES VERTICALLY. IF THIS CRITERION CANNOT BE MET, THE CONTRACTOR SHALL ISOLATE THE SEWER AND WATER LINES BY ENCASEMENT, SHIELDING, OR OTHER APPROVED METHODS.
 12. COMPLY WITH CITY STANDARD SEWER NOTES ON C4.04.



HORIZONTAL SCALE: 1"=50'
50 0 50 100



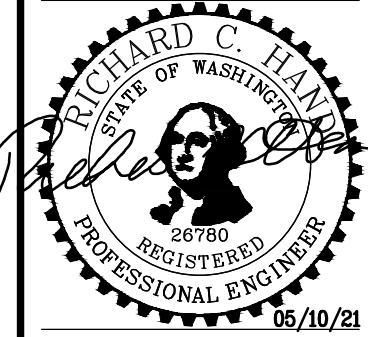
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Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS

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PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION
3213 WILWOOD PARK DR PUYALLUP, WA 98374



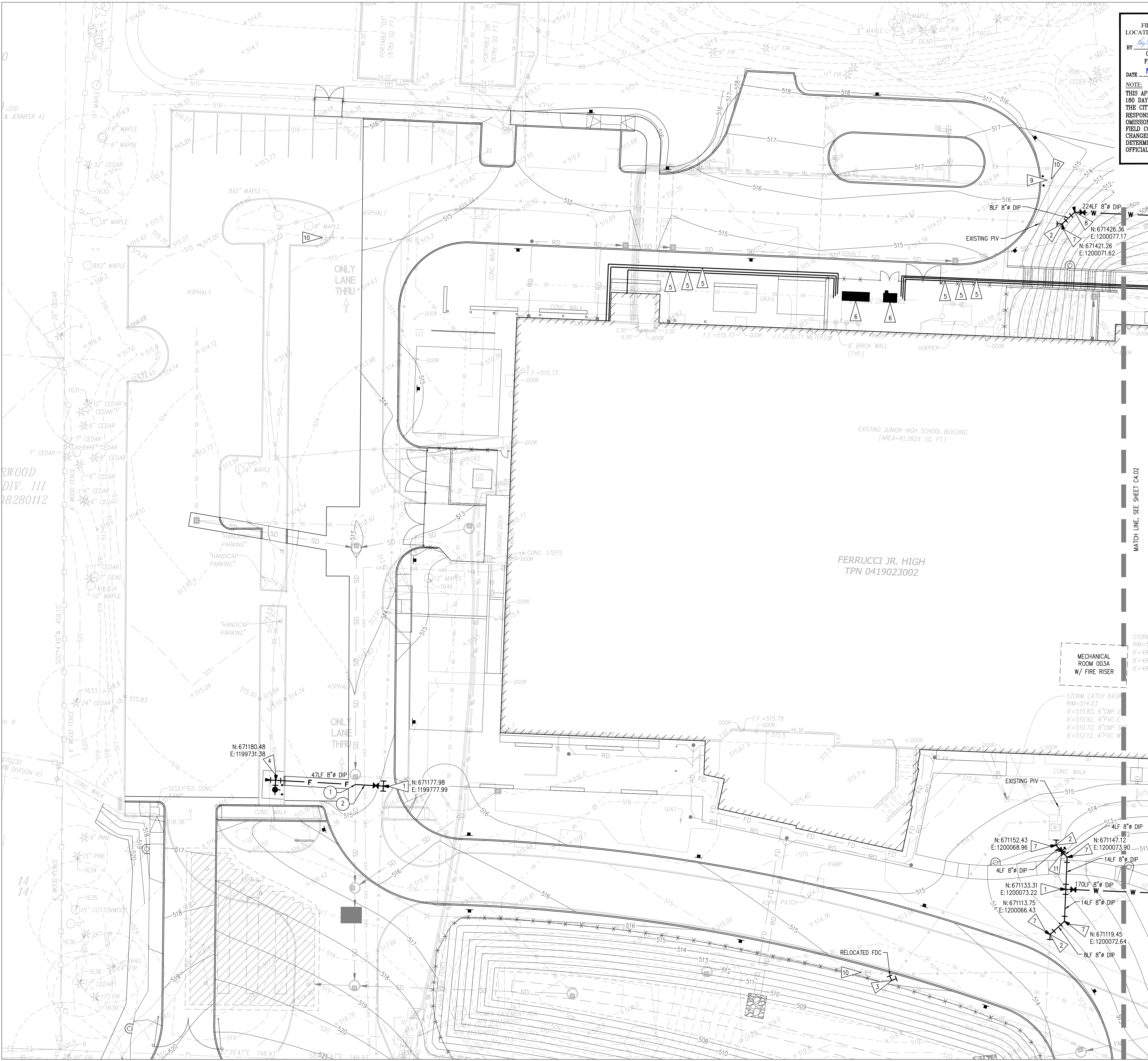
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NAC NO 121-19038
DRAWN VMS
CHECKED RCH
DATE 05/10/2021

OVERALL UTILITY
PLAN

SHEET 31 OF 45

C4.00



FIRE HYDRANT/FDC LOCATION/ACCESS APPROVED
BY *City of Puyallup*
CITY OF PUYALLUP
FIRE CODE OFFICIAL
DATE **May 13, 2021**
NOTE:
THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE FIRE CODE OFFICIAL.

APPROVED
BY *City of Puyallup*
CITY OF PUYALLUP
DATE **5/13/2021**
NOTE:
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APPROVED
BY *City of Puyallup*
CITY OF PUYALLUP
DATE **5/13/2021**
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LEGEND

PROPOSED FEATURES-

- W WATER PIPING
- WATER FITTING W/THRUST BLOCKS
- GATE VALVE
- FIRE HYDRANT, SEE DETAIL 01/C4.04
- GUARD POSTS, SEE DETAIL 01/C4.04

GENERAL NOTES

- THE WATER SYSTEM SHALL BE CONSTRUCTED TO CURRENT CITY OF PUYALLUP STANDARDS.
- TYPICAL UTILITY TRENCH EXCAVATION, BEDDING AND BACKFILL SHALL COMPLY WITH CITY STANDARD DETAIL 06.01.01 REQUIREMENTS (SEE DETAIL 02/C4.04).
- ADJUST OR SET THE FRAMES OF EXISTING AND PROPOSED UTILITY GRATES AND COVERS AS NECESSARY TO MATCH THE CROSS SLOPE OF THE PROPOSED FINISH GRADE AND SUCH THAT NO PONDING OCCURS AROUND UTILITY GRATES AND COVERS.
- ALL WATER AND FIRE WATER PIPING 3" AND LARGER SHALL BE THRUST BLOCKED PER DETAILS 04, 05, & 06/C4.03. 3" THRUST BLOCKS SHALL MATCH 4" SIZES.
- ALL WATER AND FIRE WATER FITTINGS 3" AND LARGER SHALL HAVE MEGALUG RESTRAINED JOINTS.
- COMPLY WITH WATERMAIN CLEARANCE REQUIREMENT IN DETAILS 02 & 03/C4.03.
- FH INSTALLATIONS SHALL CONFORM TO DETAIL 01/C4.04 REQUIREMENTS.
- COMPLY WITH WATER NOTE REQUIREMENTS ON C4.04.
- PROVIDE WATER VALVE INSTALLATIONS PER DETAIL 01/C4.03 REQUIREMENTS.
- PROVIDE 3'-0" MINIMUM COVER OVER WATER PIPELINE UNLESS OTHERWISE SPECIFIED.
- THE MINIMUM DISTANCE BETWEEN WATER LINES AND SEWER LINES SHALL BE 10 FEET HORIZONTALLY AND 18 INCHES VERTICALLY. IF THIS CRITERION CANNOT BE MET, THE CONTRACTOR SHALL ISOLATE THE SEWER AND WATER LINES BY ENCASEMENT, SHIELDING, OR OTHER APPROVED METHODS.
- COMPLY WITH CITY STANDARD SEWER NOTES ON C4.04.

KEY NOTES

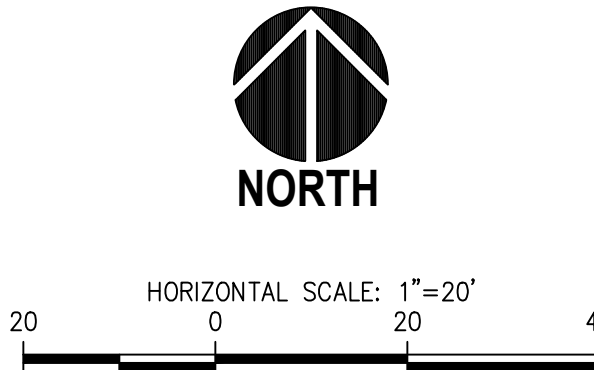
- 1 - 8"x8" MJWL TEE
1 - 8" FLX MJ GATE VALVE
1 - THRUST BLOCK
- 2 CONNECTION AT EXISTING 8" WATER LINE.
- 3 REINSTALL SALVAGED FDC.
- 1 - 8"x6" MJWL TEE
1 - 8" MJ PLUG
2 - THRUST BLOCK
2' OF 6" DIP
1 - FIRE HYDRANT ASSEMBLY
2 - GUARD POSTS
- 5 PIPING PER MECHANICAL PLANS.
- 6 MECHANICAL EQUIPMENT PER MECHANICAL PLANS.
- 1 - 8" 45" MJ ELL
1 - THRUST BLOCK
- 1 - 8" 45" MJWL ELL
1 - 8" FLX MJ GATE VALVE
1 - THRUST BLOCK
- 9 ROTATE EXISTING FIRE HYDRANT TO FACE NEW PAVEMENT.
- 10 ALL EXISTING FIRE HYDRANTS SHALL HAVE A STORZ FITTING INSTALLED. REPLACE AS NECESSARY.
- 11 POST INDICATOR VALVE PER DETAIL 05/C4.05.

WATER CROSSINGS

- 1 BOTTOM OF 8" WATER=508.73
TOP OF 12" STORM DRAIN=507.39
SEPARATION=1.34
- 2 ESTIMATED BOTTOM OF EXISTING GAS=512.55
TOP OF 8" WATER=509.45
SEPARATION=3.10

UTILITY PLAN

SCALE: 1"=20'



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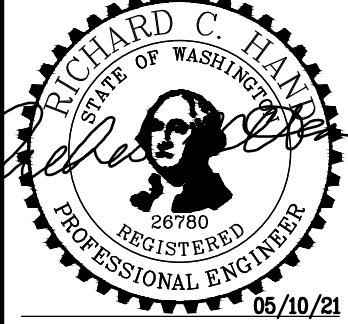
Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS

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before you dig

REVISIONS

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PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION
3213 WILWOOD PARK DR. PUYALLUP, WA 98374



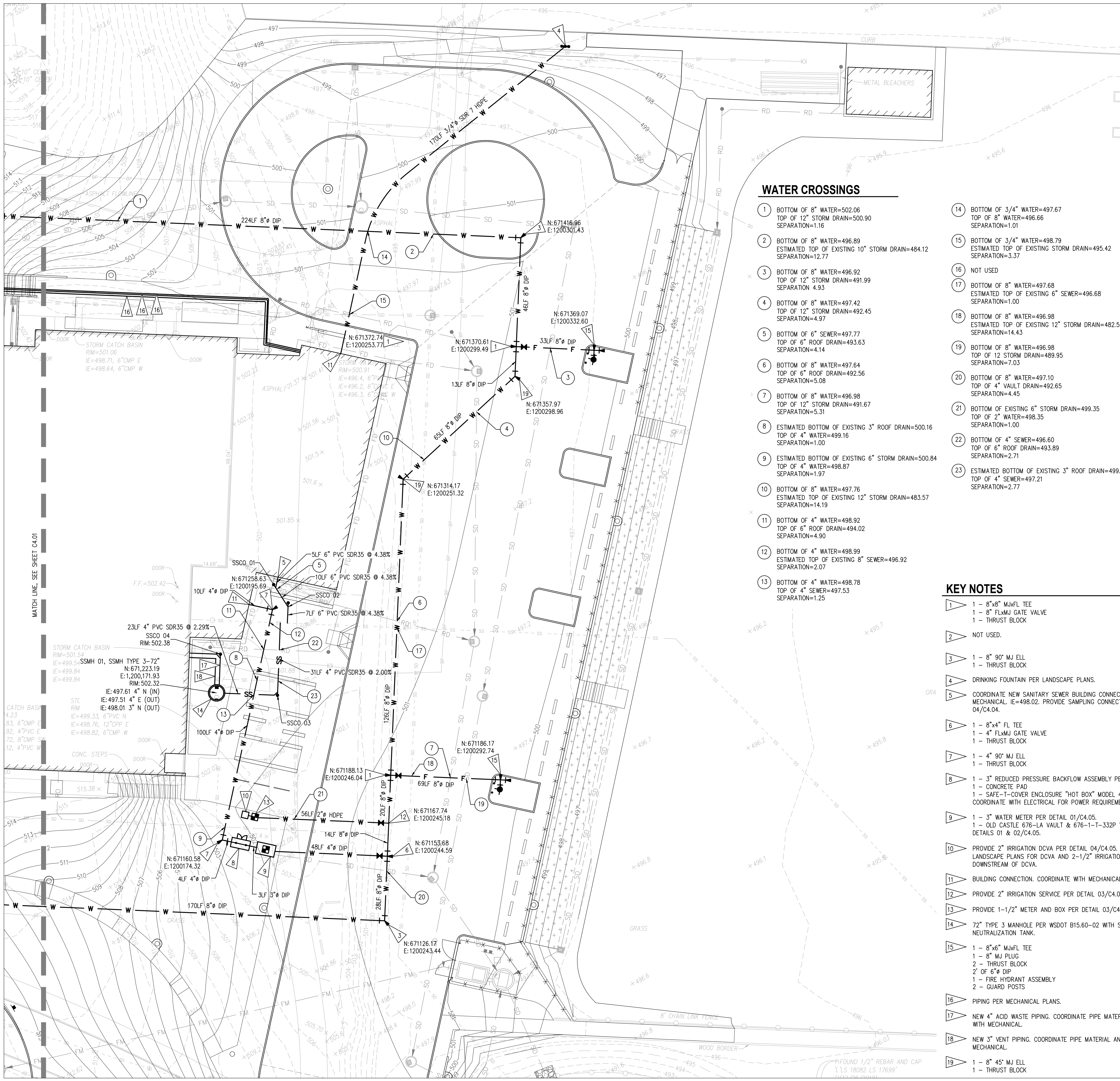
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NAC NO	121-19038
DRAWN	VMS
CHECKED	RCH
DATE	05/10/2021

UTILITY PLAN

SHEET 32 OF 45

C4.01



FIRE HYDRANT/FDC
LOCATION/ACCESS APPROVED
BY *[Signature]*
CITY OF PUYALLUP
FIRE CODE OFFICIAL
DATE: **May 13, 2021**
NOTE:
THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE FIRE CODE OFFICIAL.

APPROVED
BY _____
CITY OF PUYALLUP WATER
DATE _____
NOTE:
THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE WATER PURVEYOR.

APPROVED
BY *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE: **5/13/2021**
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.

WATER CROSSINGS

- 1 BOTTOM OF 8" WATER=502.06
TOP OF 12" STORM DRAIN=500.90
SEPARATION=1.16
- 2 BOTTOM OF 8" WATER=496.89
ESTIMATED TOP OF EXISTING 10" STORM DRAIN=484.12
SEPARATION=12.77
- 3 BOTTOM OF 8" WATER=496.92
TOP OF 12" STORM DRAIN=491.99
SEPARATION=4.93
- 4 BOTTOM OF 8" WATER=497.42
TOP OF 12" STORM DRAIN=492.45
SEPARATION=4.97
- 5 BOTTOM OF 6" SEWER=497.77
TOP OF 6" ROOF DRAIN=493.63
SEPARATION=4.14
- 6 BOTTOM OF 8" WATER=497.64
TOP OF 6" ROOF DRAIN=492.56
SEPARATION=5.08
- 7 BOTTOM OF 8" WATER=496.98
TOP OF 12" STORM DRAIN=491.67
SEPARATION=5.31
- 8 ESTIMATED BOTTOM OF EXISTING 3" ROOF DRAIN=500.16
TOP OF 4" WATER=499.16
SEPARATION=1.00
- 9 ESTIMATED BOTTOM OF EXISTING 6" STORM DRAIN=500.84
TOP OF 4" WATER=498.87
SEPARATION=1.97
- 10 BOTTOM OF 8" WATER=497.76
ESTIMATED TOP OF EXISTING 12" STORM DRAIN=483.57
SEPARATION=14.19
- 11 BOTTOM OF 4" WATER=498.92
TOP OF 6" ROOF DRAIN=494.02
SEPARATION=4.90
- 12 BOTTOM OF 4" WATER=498.99
ESTIMATED TOP OF EXISTING 8" SEWER=496.92
SEPARATION=2.07
- 13 BOTTOM OF 4" WATER=498.78
TOP OF 4" SEWER=497.53
SEPARATION=1.25
- 14 BOTTOM OF 3/4" WATER=497.67
TOP OF 8" WATER=496.66
SEPARATION=1.01
- 15 BOTTOM OF 3/4" WATER=498.79
ESTIMATED TOP OF EXISTING STORM DRAIN=495.42
SEPARATION=3.37
- 16 NOT USED
- 17 BOTTOM OF 8" WATER=497.68
ESTIMATED TOP OF EXISTING 6" SEWER=496.68
SEPARATION=1.00
- 18 BOTTOM OF 8" WATER=496.98
ESTIMATED TOP OF EXISTING 12" STORM DRAIN=482.55
SEPARATION=14.43
- 19 BOTTOM OF 8" WATER=496.98
TOP OF 12" STORM DRAIN=489.95
SEPARATION=7.03
- 20 BOTTOM OF 8" WATER=497.10
TOP OF 4" VAULT DRAIN=492.65
SEPARATION=4.45
- 21 BOTTOM OF EXISTING 6" STORM DRAIN=499.35
TOP OF 2" WATER=498.35
SEPARATION=1.00
- 22 BOTTOM OF 4" SEWER=496.60
TOP OF 6" ROOF DRAIN=493.89
SEPARATION=2.71
- 23 ESTIMATED BOTTOM OF EXISTING 3" ROOF DRAIN=499.98
TOP OF 4" SEWER=497.21
SEPARATION=2.77

LEGEND

PROPOSED FEATURES-

- W WATER PIPING
- WATER FITTING W/THRUST BLOCKS
- GATE VALVE
- FIRE HYDRANT, SEE DETAIL 01/C4.04
- GUARD POSTS, SEE DETAIL 01/C4.04
- SS SANITARY SEWER PIPING
- SANITARY SEWER CLEANOUT, SEE DETAIL 03/C4.04

GENERAL NOTES

1. THE WATER SYSTEM SHALL BE CONSTRUCTED TO CURRENT CITY OF PUYALLUP STANDARDS.
2. TYPICAL UTILITY TRENCH EXCAVATION, BEDDING AND BACKFILL SHALL COMPLY WITH CITY STANDARD DETAIL 06.01.01 REQUIREMENTS (SEE DETAIL 02/C4.04).
3. ADJUST OR SET THE FRAMES OF EXISTING AND PROPOSED UTILITY GRATES AND COVERS AS NECESSARY TO MATCH THE CROSS SLOPE OF THE PROPOSED FINISH GRADE AND SUCH THAT NO PONDING OCCURS AROUND UTILITY GRATES AND COVERS.
4. ALL WATER AND FIRE WATER PIPING 3" AND LARGER SHALL BE THRUST BLOCKED PER DETAILS 04, 05, & 06/C4.03. 3" THRUST BLOCKS SHALL MATCH 4" SIZES.
5. ALL WATER AND FIRE WATER FITTINGS 3" AND LARGER SHALL HAVE MEGALUG RESTRAINED JOINTS.
6. COMPLY WITH WATERMAIN CLEARANCE REQUIREMENT IN DETAILS 02 & 03/C4.03.
7. FH INSTALLATIONS SHALL CONFORM TO DETAIL 01/C4.04 REQUIREMENTS.
8. COMPLY WITH WATER NOTE REQUIREMENTS ON C4.04.
9. PROVIDE WATER VALVE INSTALLATIONS PER DETAIL 01/C4.03 REQUIREMENTS.
10. PROVIDE 3'-0" MINIMUM COVER OVER WATER PIPELINE UNLESS OTHERWISE SPECIFIED.
11. THE MINIMUM DISTANCE BETWEEN WATER LINES AND SEWER LINES SHALL BE 10 FEET HORIZONTALLY AND 18 INCHES VERTICALLY. IF THIS CRITERION CANNOT BE MET, THE CONTRACTOR SHALL ISOLATE THE SEWER AND WATER LINES BY ENCASEMENT, SHIELDING, OR OTHER APPROVED METHODS.
12. COMPLY WITH CITY STANDARD SEWER NOTES ON C4.04.

KEY NOTES

- 1 1 - 8"x8" MJxFL TEE
1 - 8" FLxMJ GATE VALVE
1 - THRUST BLOCK
- 2 NOT USED.
- 3 1 - 8" 90° MJ ELL
1 - THRUST BLOCK
- 4 DRINKING FOUNTAIN PER LANDSCAPE PLANS.
- 5 COORDINATE NEW SANITARY SEWER BUILDING CONNECTION WITH MECHANICAL. IE=498.02. PROVIDE SAMPLING CONNECTION PER DETAIL 04/C4.04.
- 6 1 - 8"x4" FL TEE
1 - 4" FLxMJ GATE VALVE
1 - THRUST BLOCK
- 7 1 - 4" 90° MJ ELL
1 - THRUST BLOCK
- 8 1 - 3" REDUCED PRESSURE BACKFLOW ASSEMBLY PER DETAIL 06/C4.05.
1 - CONCRETE PAD
1 - SAFE-T-COVER ENCLOSURE "HOT BOX" MODEL 4000-AL OR EQUAL. COORDINATE WITH ELECTRICAL FOR POWER REQUIREMENTS.
- 9 1 - 3" WATER METER PER DETAIL 01/C4.05.
1 - OLD CASTLE 676-LA VAULT & 676-1-T-332P VAULT TOP PER DETAILS 01 & 02/C4.05.
- 10 PROVIDE 2" IRRIGATION DCVA PER DETAIL 04/C4.05. SEE ALSO LANDSCAPE PLANS FOR DCVA AND 2-1/2" IRRIGATION LINE DOWNSTREAM OF DCVA.
- 11 BUILDING CONNECTION. COORDINATE WITH MECHANICAL.
- 12 PROVIDE 2" IRRIGATION SERVICE PER DETAIL 03/C4.05.
- 13 PROVIDE 1-1/2" METER AND BOX PER DETAIL 03/C4.05.
- 14 72" TYPE 3 MANHOLE PER WSDOT B15.60-02 WITH SALVAGED ACID NEUTRALIZATION TANK.
- 15 1 - 8"x6" MJxFL TEE
1 - 8" MJ PLUG
2 - THRUST BLOCK
2' OF 6" DIP
1 - FIRE HYDRANT ASSEMBLY
2 - GUARD POSTS
- 16 PIPING PER MECHANICAL PLANS.
- 17 NEW 4" ACID WASTE PIPING. COORDINATE PIPE MATERIAL AND LOCATION WITH MECHANICAL.
- 18 NEW 3" VENT PIPING. COORDINATE PIPE MATERIAL AND LOCATION WITH MECHANICAL.
- 19 1 - 8" 45° MJ ELL
1 - THRUST BLOCK

UTILITY PLAN

SCALE: 1"=20'

CLEANOUT (CO) SCHEDULE			
CB ID	RIM	IE	NOTES
SSCO 01	502.38	497.82 6" N 497.82 6" SE	6" SSCO
SSCO 02	502.32	497.39 6" NW 497.39 6" S	6" SSCO
SSCO 03	502.15	496.99 4" W 496.99 4" N	4" SSCO

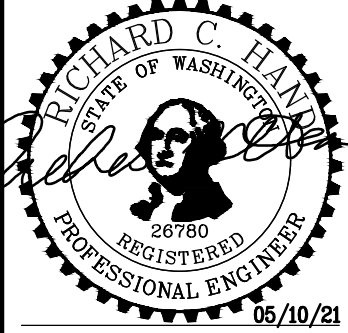


HORIZONTAL SCALE: 1"=20'
20 0 20 40

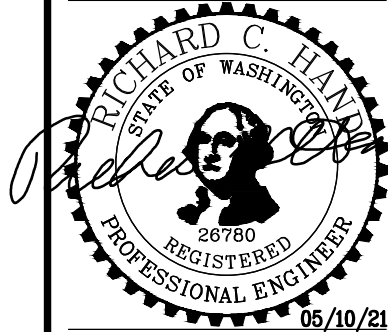
sitts & hill

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<http://www.sittshill.com/>

Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS



NAC NO 121-19038
DRAWN VMS
CHECKED RCH
DATE 05/10/2021



NAC
ARCHITECTURE
nacarchitect.com


2021 1ST AVENUE
SEATTLE WA 98121
P:206.441.4522

NAC NO 121-19038
DRAWN VMS
CHECKED RCH
DATE 05/10/2021

UTILITY DETAILS

SHEET 34 OF 45

APPROVED

BY  CITY OF PUYALLUP
DEVELOPMENT SERVICES


DATE 5/13/2021

NOTE: THIS APPROVAL IS VOID
AFTER 180 DAYS FROM APPROVAL
DATE.

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FIELD CONDITIONS MAY DICTATE
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MANAGER.

APPROVED

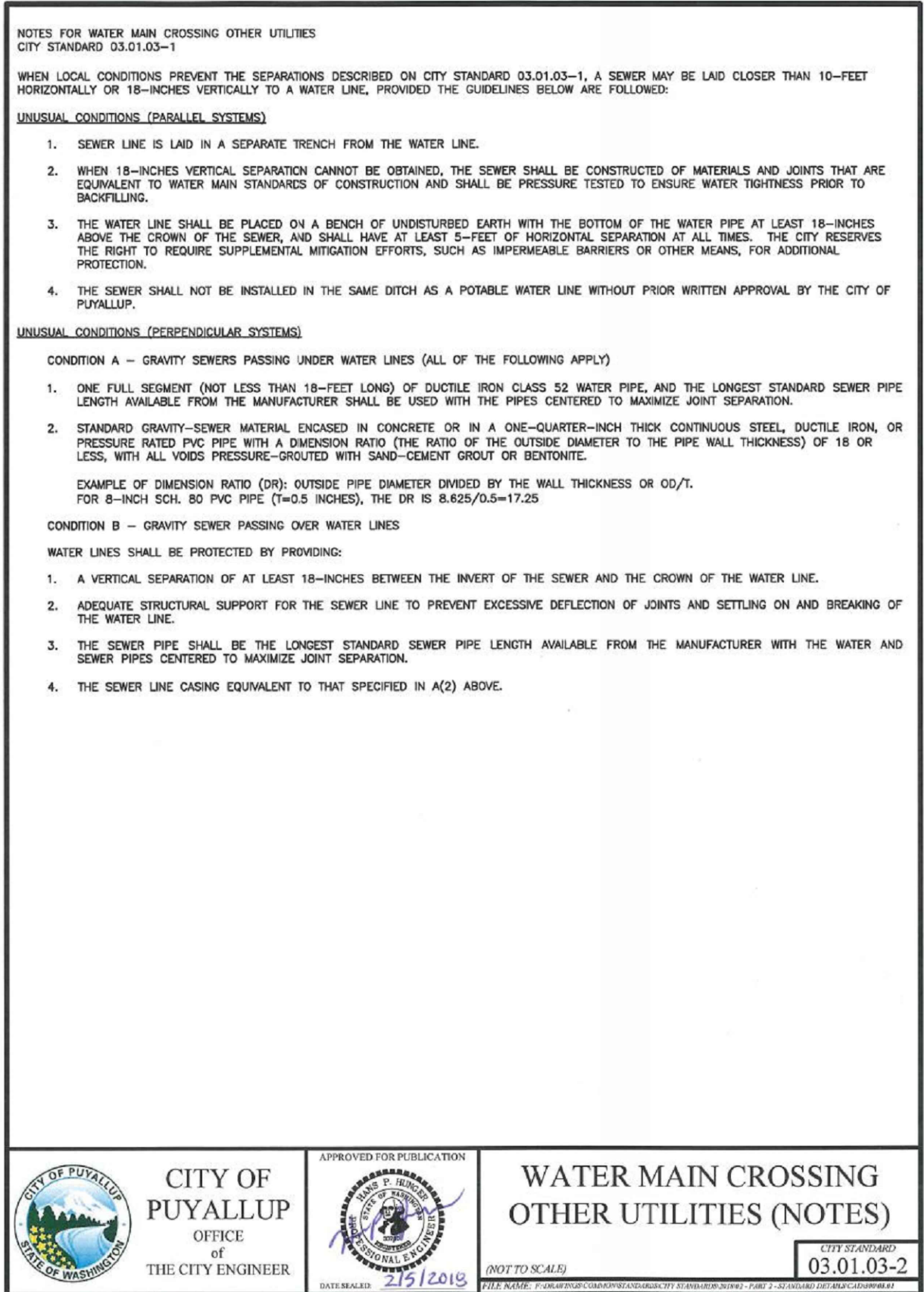
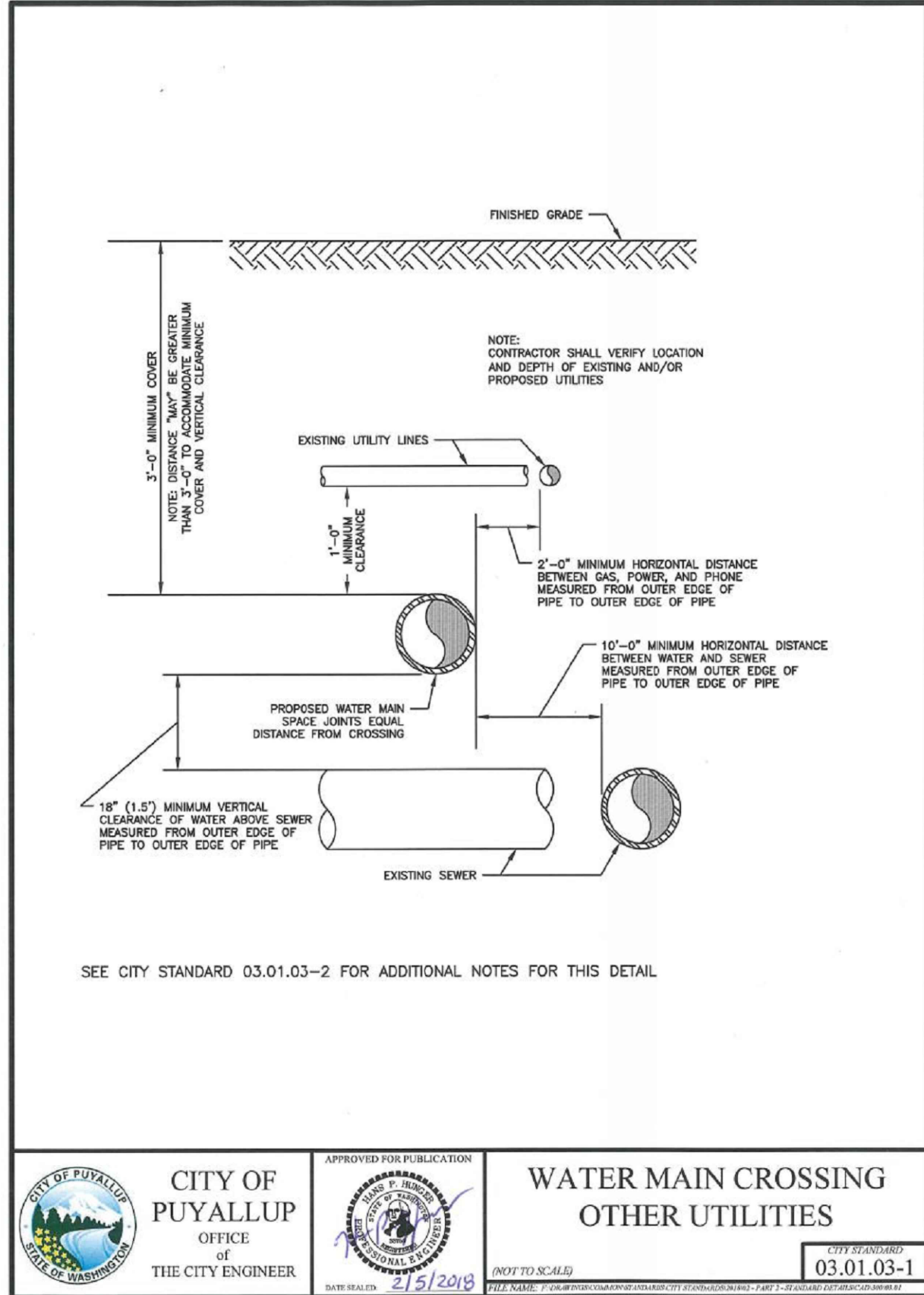
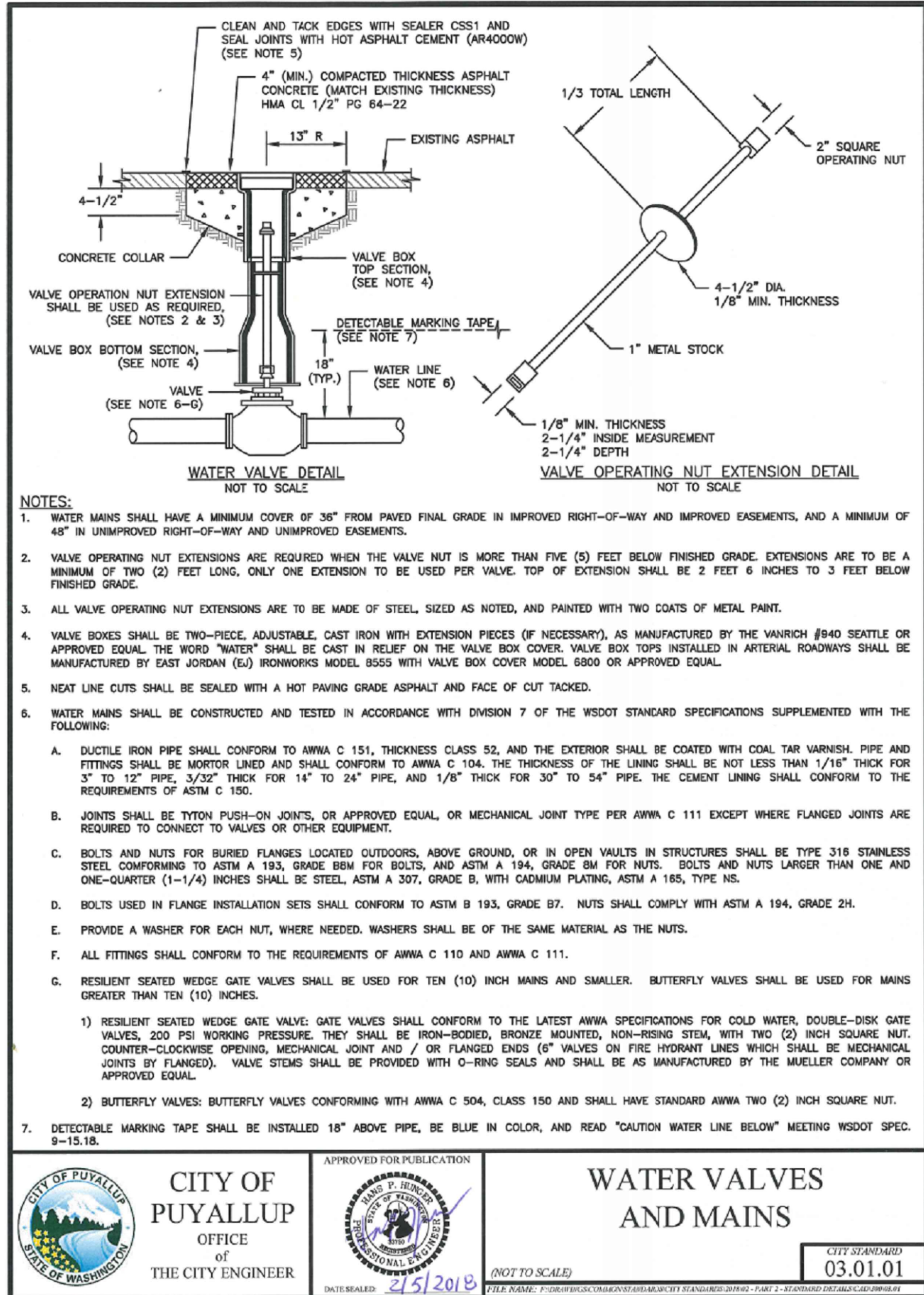
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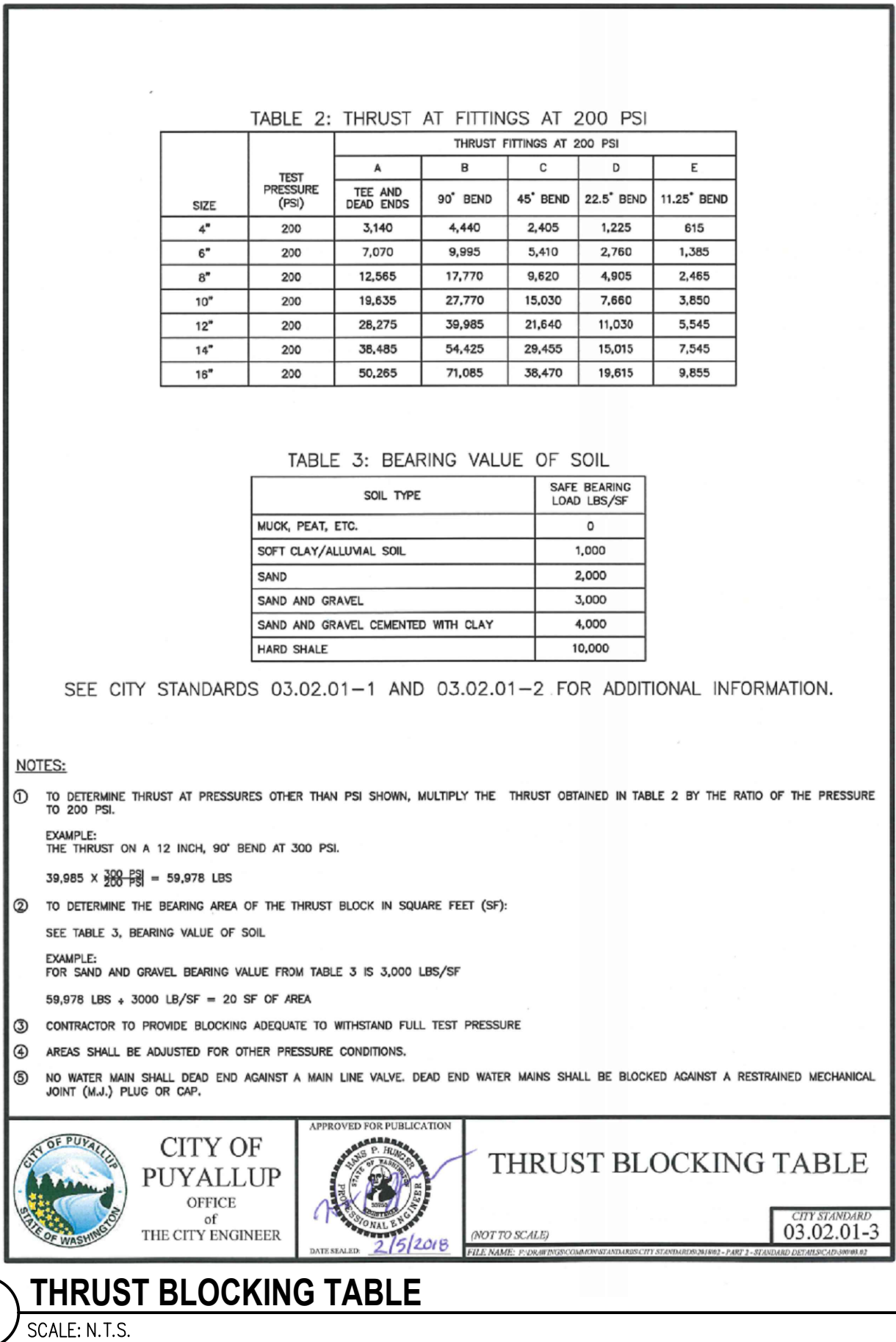
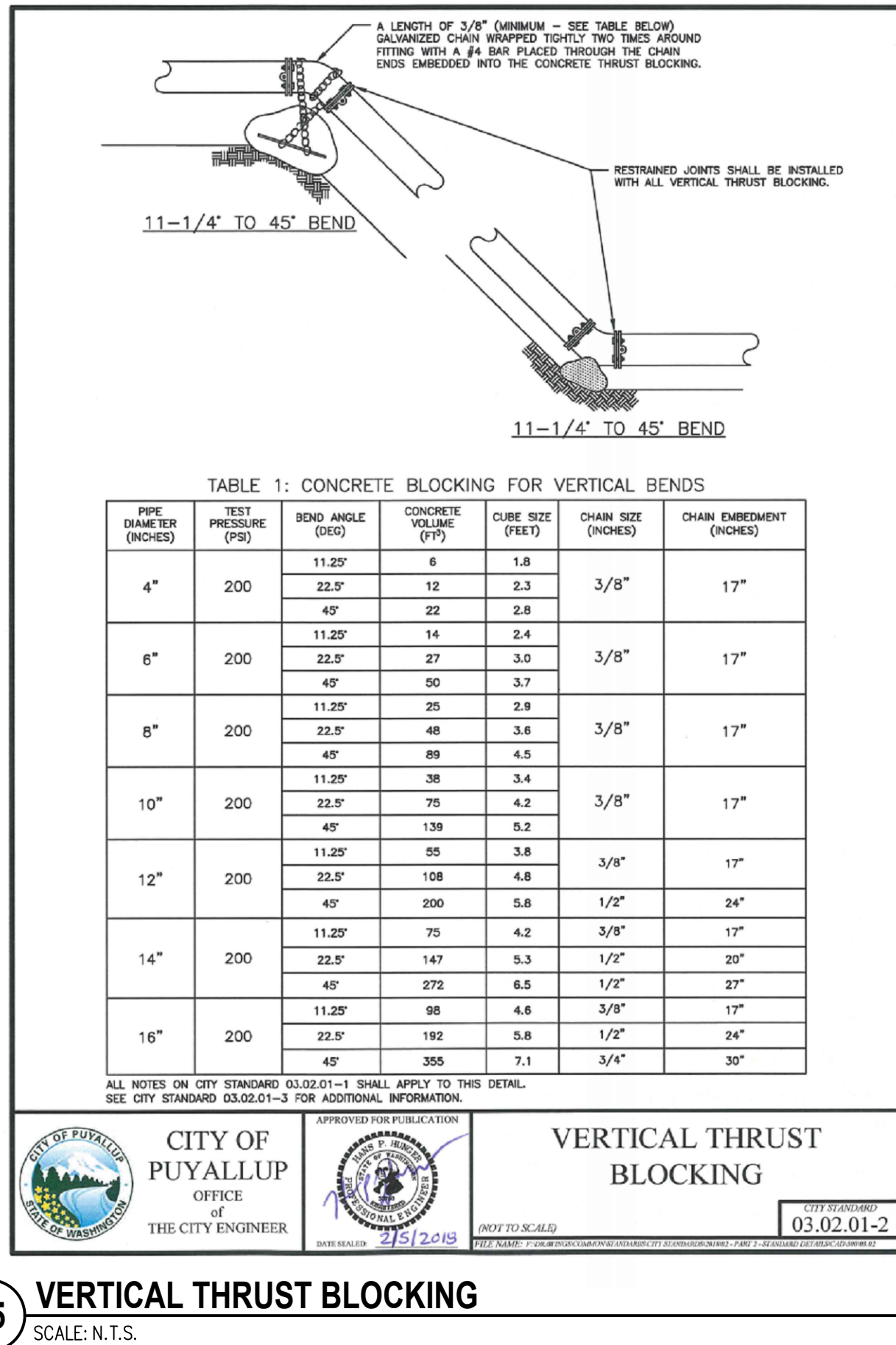
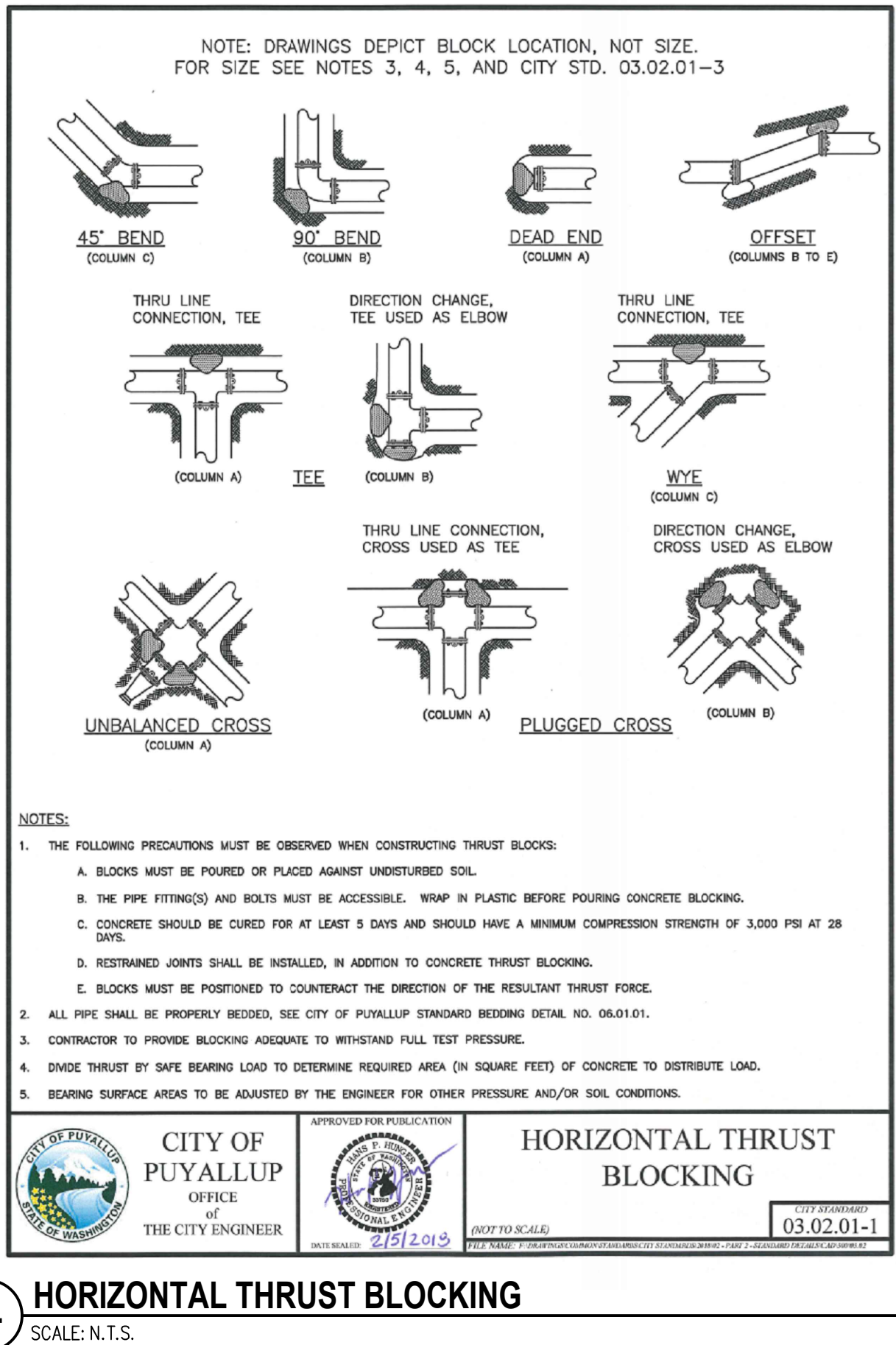
FIELD CONDITIONS MAY DICTATE
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DETERMINED BY THE
ENGINEERING SERVICES
MANAGER.




01 WATER VALVES AND MAINS
SCALE: N.T.S.

02 WATER MAIN CROSSING OTHER UTILITIES
SCALE: N.T.S.

03 WATER MAIN CROSSING OTHER UTILITIES NOTES
SCALE: N.T.S.



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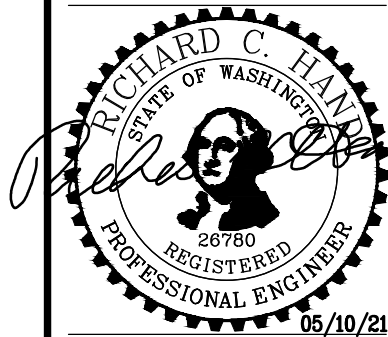
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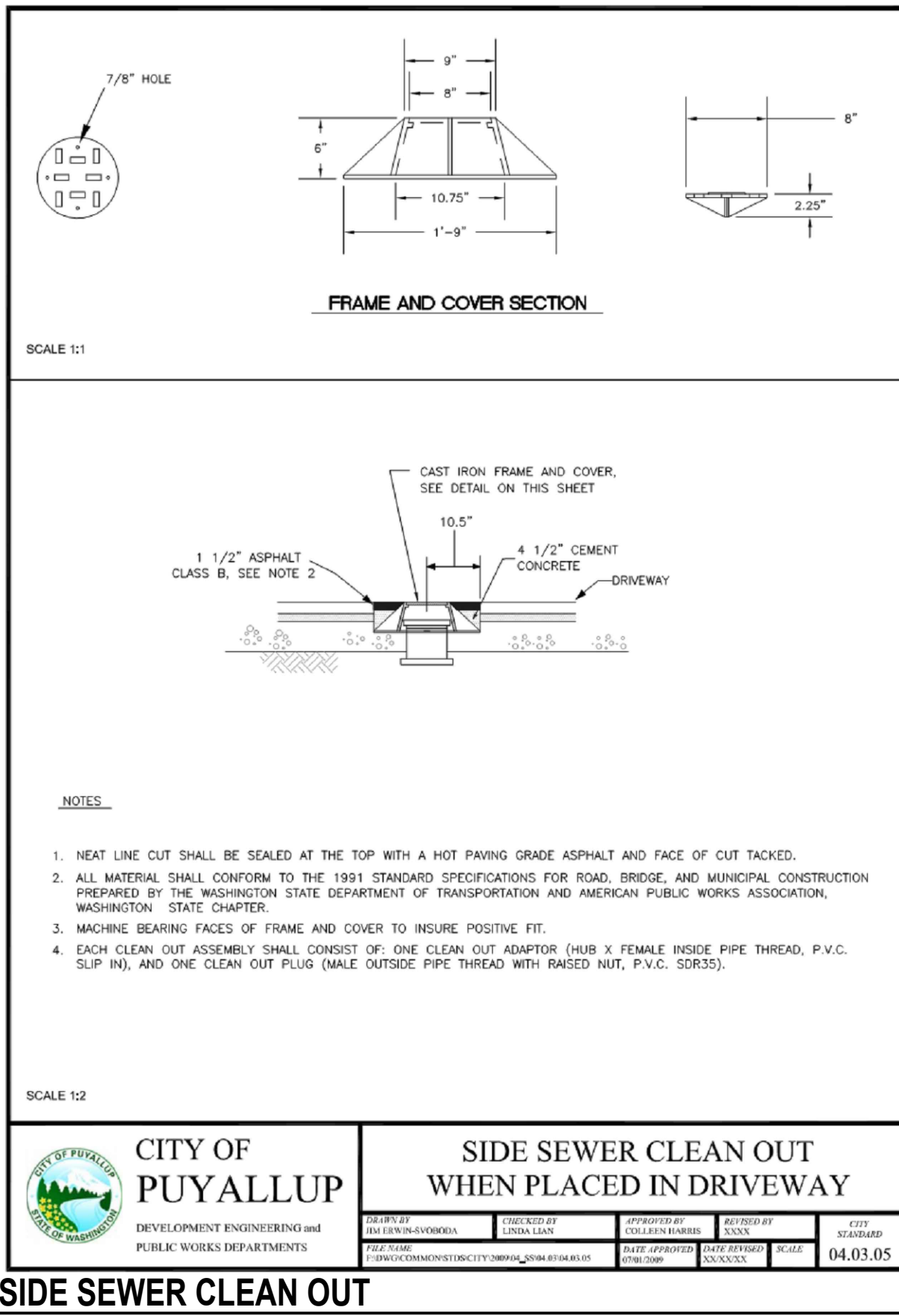
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UTILITY NOTES AND DETAILS

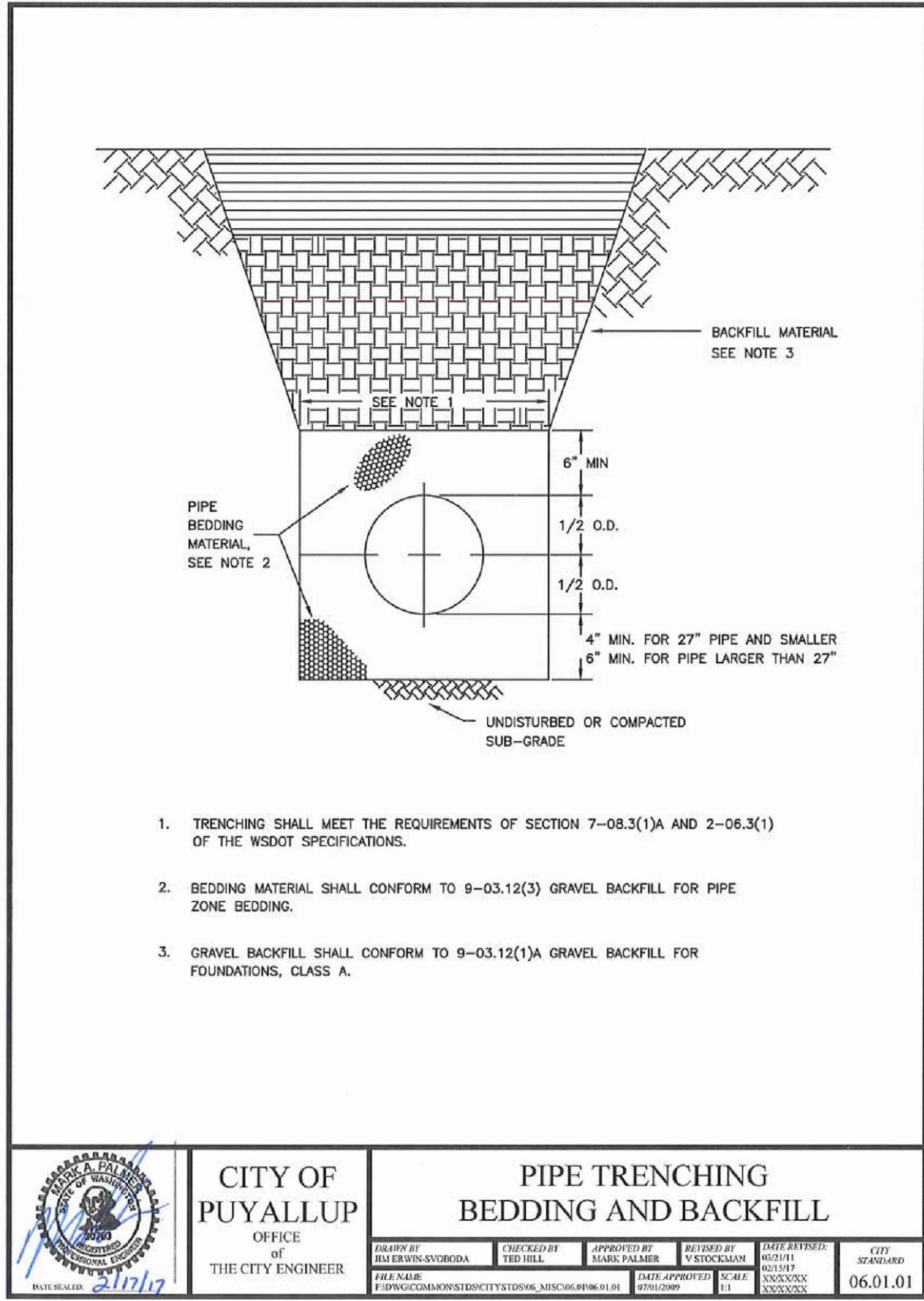
SHEET 35 OF 45

APPROVED
BY *Richard C. Hanks*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE WATER PURVEYOR.
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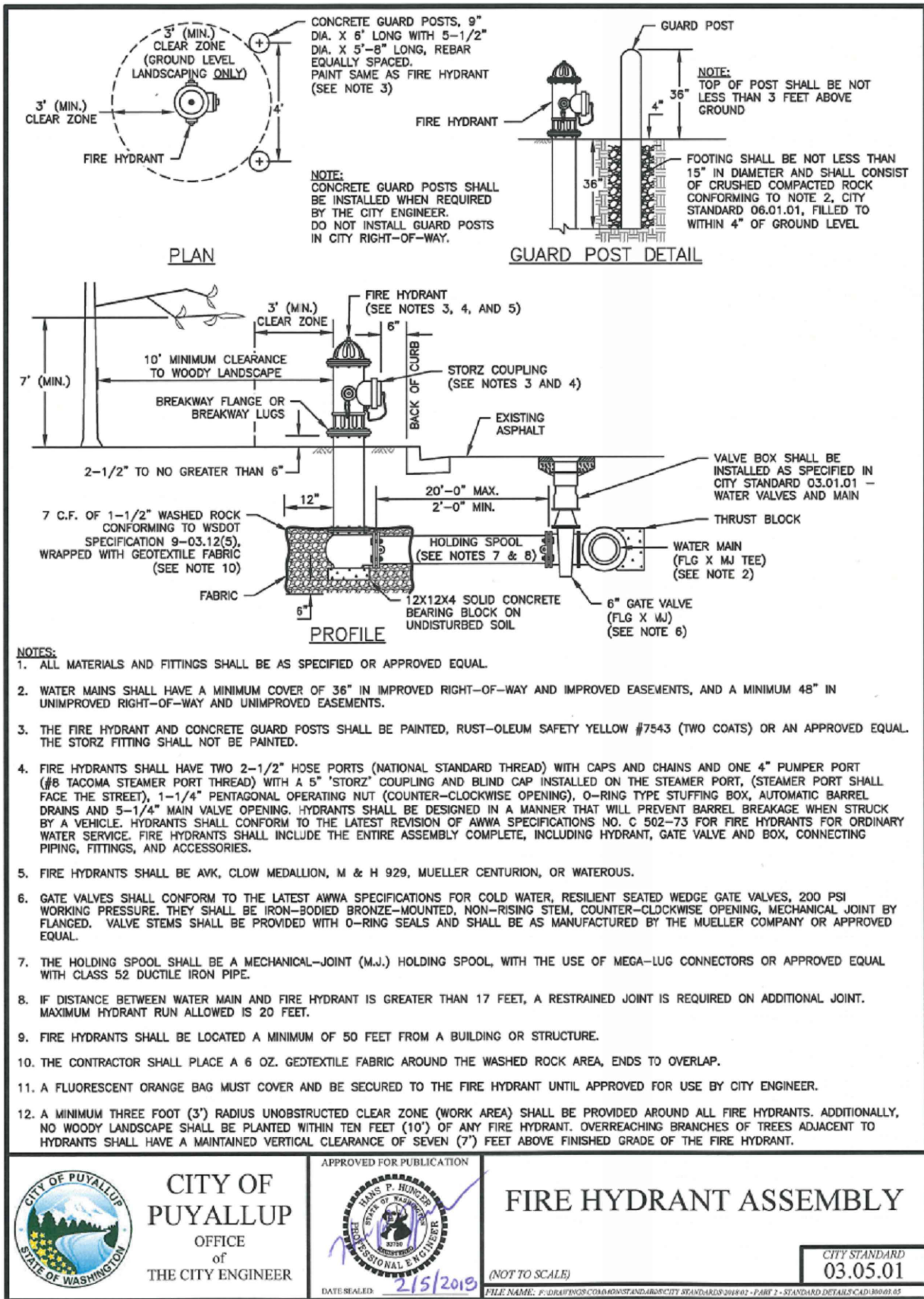
APPROVED
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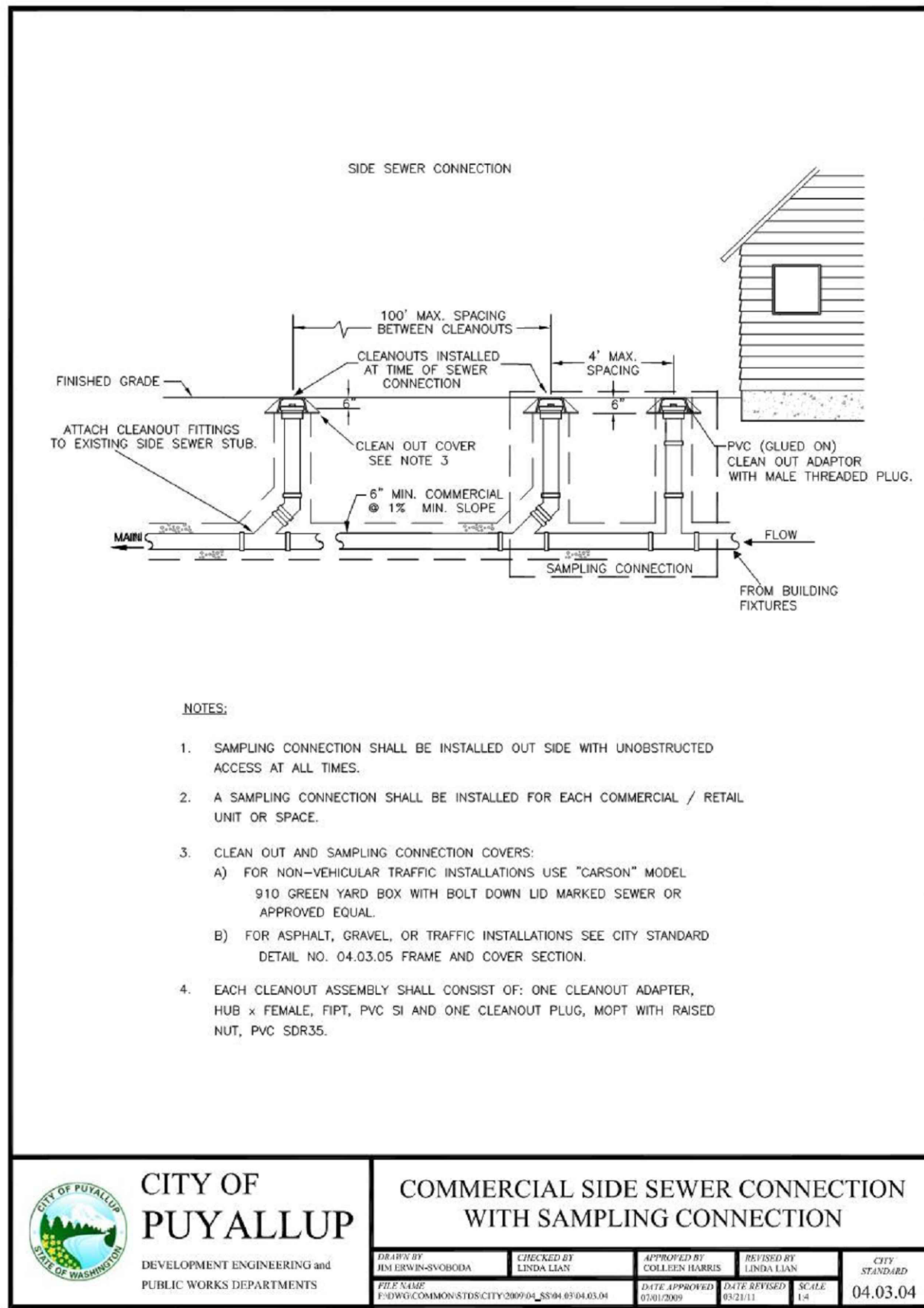
03
SCALE: N.T.S.



02
SCALE: N.T.S.



01
SCALE: N.T.S.



04
SCALE: N.T.S.

CITY OF PUYALLUP WATER SYSTEM NOTES

- ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE ENGINEERING PLANS. REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF, CONTACT ENGINEERING SERVICES TO SCHEDULE THE MEETING 841-5568. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN APPROVED SET OF PLANS AT THE MEETING.
- AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A "PUNCH LIST" PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS"), OR AS DIRECTED BY FRUITLAND MUTUAL WATER COMPANY (FMWC), VALLEY WATER (VW), OR TACOMA CITY WATER (TCW) IS THE PURVEYOR. A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER, THE ENGINEERING SERVICES STAFF, FMWC, VW, OR TCW WHEN SERVED BY THAT PURVEYOR PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
- THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
- ANY STRUCTURE AND/OR OBSTRUCTION WHICH REQUIRE REMOVAL OR RELOCATION RELATING TO THIS PROJECT SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.
- BACTERIOLOGICAL (COLIFORM AND IRON BACTERIA) TEST SAMPLES WILL BE TAKEN BY THE CITY (OR FMWC, VW, TCW WHEN SERVED BY THAT PURVEYOR) AND PAID FOR BY THE CONTRACTOR, EXCEPT FOR CAPITOL IMPROVEMENT PROJECTS (CIP) WHICH SHALL BE PAID FOR BY THE CITY.
- WATER MAINS SHALL HAVE A MINIMUM COVER OF 3 INCHES FROM PAVED FINAL GRADE IN IMPROVED RIGHT-OF-WAY AND IMPROVED EASEMENTS, AND A MINIMUM OF 4 INCHES IN UNIMPROVED RIGHT-OF-WAY AND UNIMPROVED EASEMENTS.
- PIPE FOR WATER MAINS SHALL BE DUCTILE IRON CONFORMING TO SECTION 7-09 OF THE STANDARD SPECIFICATIONS, CLASS 52 WITH TYTON OR APPROVED EQUAL JOINTS. PIPE SHALL BE CEMENT LINED IN ACCORDANCE WITH A.S.A. SPECIFICATION A 21.4-1964.

- CONNECTIONS TO EXISTING WATER MAINS TYPICALLY SHALL BE WET TAPS THROUGH A TAPPING TEE AND TAPPING VALVE AND SHALL BE MADE BY A CITY APPROVED CONTRACTOR. THE TAPPING SLEEVE SHALL BE ROMAC SST ALL STAINLESS STEEL TAPPING SLEEVE OR APPROVED EQUAL. A TWO-PIECE EPOXY COATED OR DUCTILE IRON TAPPING SLEEVE MAY BE USED ON DUCTILE IRON PIPE, WHEN THE TAP IS SMALLER THAN THE WATER MAIN SIZE I.E. 6 INCH TAP ON 8 INCH PIPE. THE CITY (OR FMWC, VW OR TCW WHEN SERVED BY THAT PURVEYOR) SHALL APPROVE THE TIME AND LOCATION FOR THESE CONNECTIONS.
- ALL WATER MAINS AND APPURTENANCES SHALL BE HYDROSTATICALLY TESTED AT 200 PSI IN ACCORDANCE WITH STANDARD SPECIFICATION 7-09.3(23). PRESSURE TESTING SHALL NOT BE PERFORMED UNTIL SATISFACTORY PURITY SAMPLES HAVE BEEN RECEIVED, EXCEPT WHEN NEW WATER MAINS ARE INSTALLED INDEPENDENTLY FROM THE WATER SYSTEM PIPING.
- FIRE HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARD DETAIL 03.05.01 AND AS DIRECTED BY THE CITY OF PUYALLUP FIRE CODE OFFICIAL.
- VALVE MARKER POSTS SHALL BE INSTALLED WHERE VALVE BOXES ARE HIDDEN FROM VIEW OR IN UNPAVED AREAS. THE INSTALLATION SHALL BE IN ACCORDANCE WITH CITY STANDARD DETAIL 03.01.02.
- RESILIENT SEATED WEDGE GATE VALVES SHALL BE USED FOR 10-INCH MAINS AND SMALLER. BUTTERFLY VALVES SHALL BE USED FOR MAINS GREATER THAN 10 INCHES.
- PIPE FITTING FOR WATER MAINS SHALL BE DUCTILE IRON AND SHALL BE MECHANICAL JOINT CONFORMING TO AWWA SPECIFICATION C111-72.
- WATER MAIN PIPE AND SERVICE CONNECTIONS SHALL BE A MINIMUM OF 10 FEET AWAY FROM BUILDING FOUNDATIONS AND/OR ROOF LINES.
- WHERE A WATER MAIN CROSSES THE NORTHWEST GAS PIPELINE, THE WATER LINE SHALL BE Cased WITH PVC PIPE A MINIMUM OF 10 FEET BEYOND EACH SIDE OF THE GAS LINE EASEMENT. CONTACT WILLIAMS NORTHWEST PIPELINE BEFORE THE CROSSING IS MADE.
- TRENCHING, BEDDING, AND BACKFILL FOR WATER MAINS SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARD DETAIL 06.01.01.
- ALL COMMERCIAL AND INDUSTRIAL DEVELOPMENTS, IRRIGATION SYSTEMS, AND MULTI-FAMILY WATER SERVICE CONNECTIONS SHALL BE PROTECTED BY A DOUBLE CHECK VALVE ASSEMBLY OR A REDUCED PRESSURE BACKFLOW ASSEMBLY AS DIRECTED BY THE CITY (OR FMWC, VW OR TCW WHEN SERVED BY THAT PURVEYOR) CONFORMING TO CITY STANDARD DETAILS 03.04.01, 03.04.02, AND 03.04.03.
- ANY LEAD JOINT FITTING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH A MECHANICAL JOINT FITTING AT THE CONTRACTOR'S EXPENSE. WHEN HYDRAULIC FIRE FLOW MODELING IS REQUIRED FOR A PROJECT, THE CITY WILL ISSUE A PERMIT. THE HYDRAULIC MODELING CRITERIA IS BASED ON THE PROJECTED 2030 WATER DEMAND, WHILE MAINTAINING A MINIMUM SYSTEM PRESSURE OF 20 POUNDS PER SQUARE INCH AND A MAXIMUM VELOCITY OF 10 FEET PER SECOND.
- WHEN FILLING A NEW WATER MAIN FOR PURITY WITH HIGHLY CONCENTRATED CHLORINE WATER, THAT "SUPER"CHLORINATED WATER CANNOT SIT INSIDE THE NEW WATER MAIN FOR GREATER THAN 5 DAYS.
- WHEN USING A FIRE HYDRANT FOR NON-FIREFIGHTING PURPOSES, A CITY HYDRANT METER MUST BE USED. COORDINATE THE ACQUISITION OF THE HYDRANT METER WITH THE CITY'S UTILITY BILLING DIVISION AT PUYALLUP CITY HALL. A CITY APPROVED BACKFLOW PROTECTION ASSEMBLY SHALL BE INSTALLED BY THE PERSON REQUESTING USE OF A FIRE HYDRANT. THE ASSEMBLY SHALL BE ACCOMPANIED BY A CURRENT BACKFLOW ASSEMBLY TEST REPORT. THE TEST REPORT SHALL BE AVAILABLE AT THE SITE FOR THE DURATION OF THE HYDRANT USE.

CITY OF PUYALLUP SANITARY SEWER NOTES

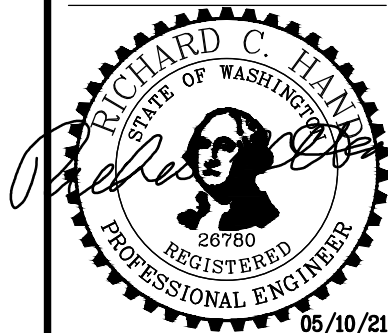
- ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE ENGINEERING PLANS. REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF, CONTACT ENGINEERING SERVICES TO SCHEDULE THE MEETING (253) 841-5568. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN APPROVED SET OF PLANS AT THE MEETING.
- AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A "PUNCH LIST" PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE SEWER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").
- A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
- ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE ENGINEERING SERVICES STAFF PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
- THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
- ANY STRUCTURE AND/OR OBSTRUCTION WHICH REQUIRE REMOVAL OR RELOCATION RELATING TO THIS PROJECT SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.
- MINIMUM GRADE ON ALL 4 INCH RESIDENTIAL SIDE SEWERS SHALL BE 2 PERCENT AND 6 INCH COMMERCIAL SIDE SEWERS SHALL BE 1 PERCENT; MAXIMUM SHALL BE 8 PERCENT. ALL SIDE SEWERS SHALL BE 6 INCHES WITHIN CITY RIGHT-OF-WAY.
- SIDE SEWERS SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARD NOS. 04.01.01, 04.03.02, 04.03.03 AND 04.03.04. SIDE SEWER INSTALLATION WORK SHALL BE DONE IN ACCORDANCE WITH THE WASHINGTON INDUSTRIAL SAFETY AND HEALTH ACT (WSHA).

- ALL SEWER PIPE SHALL BE PVC, POLYPROPYLENE, OR DUCTILE IRON. PVC SEWER PIPE SHALL CONFORM TO ASTM D-3034, SDR35 FOR PIPE SIZES 15-INCH AND SMALLER AND ASTM F679 FOR PIPE SIZES 18- TO 27-INCH, DUCTILE IRON PIPE SHALL BE CLASS 51 OR GREATER, LINED WITH PROTECTO 401M CITY OF PUYALLUP - CITY STANDARDS SANITARY SEWER REVISED 10/2019 400-8 EPOXY LINING OR EQUIVALENT, UNLESS OTHERWISE NOTED. 12-INCH THROUGH 30-INCH POLYPROPYLENE PIPE (PP) SHALL BE DUAL WALLED, HAVE A SMOOTH INTERIOR AND EXTERIOR CORRUGATIONS AND MEET WSDOT 9-05.24(2). IT SHALL MEET OR EXCEED ASTM F2764. 36-INCH THROUGH 60-INCH PP PIPE SHALL BE TRIPLE WALLED AND MEET WSDOT 9-05.24(2). IT SHALL MEET OR EXCEED ASTM F2764. PP SHALL HAVE A MINIMUM PIPE STIFFNESS OF 46 PI WHEN TESTED IN ACCORDANCE WITH ASTM D2412. TESTING SHALL BE PER ASTM F1417. TRENCHING, BEDDING, AND BACKFILL SHALL BE IN ACCORDANCE WITH CITY STANDARD NO. 06.01.01. MINIMUM COVER ON PVC AND PP PIPE SHALL BE 3.0 FEET. MINIMUM COVER ON DUCTILE IRON PIPE SHALL BE 1.0 FOOT.
- SANITARY SEWER MANHOLE FRAMES AND COVERS SHALL CONFORM TO CITY STANDARD NO. 06.01.02.
- SANITARY SEWER MANHOLES SHALL CONFORM TO CITY STANDARD NOS. 04.01.01, 04.01.02, 04.01.03 AND 04.01.04. ALL MANHOLES SHALL BE CHanneled FOR FUTURE LINES AS SPECIFIED ON THESE PLANS. MANHOLE STEPS AND LADDER SHALL CONFORM TO STANDARD NO. 06.01.03.
- SANITARY SEWER PIPE AND SIDE SEWERS SHALL BE 10 FEET AWAY FROM BUILDING FOUNDATIONS AND/OR ROOF LINES.
- NO SIDE SEWERS SHALL BE CONNECTED TO ANY HOUSE OR BUILDING UNTIL ALL MANHOLES ARE ADJUSTED TO THE FINISHED GRADE OF THE COMPLETED ASPHALT ROADWAY AND THE ASPHALT PATCHED AND SEAL AROUND THE RING ARE ACCEPTED.
- FOR COMMERCIAL DEVELOPMENTS IN WHICH SOURCES OF GREASE AND/OR OILS MAY BE INTRODUCED TO THE CITY SANITARY SEWER SYSTEM, A CITY APPROVED GREASE INTERCEPTOR SHALL BE INSTALLED DOWNSTREAM FROM THE SOURCE.
- ONCE SEWER AND ALL OTHER UTILITY CONSTRUCTION IS COMPLETED, ALL SANITARY SEWER MAINS AND SIDE SEWERS SHALL BE TESTED PER SECTION 406 OF THE CITY STANDARDS.



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Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS



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NAC NO 121-19038
DRAWN VMS
CHECKED RCH
DATE 05/10/2021

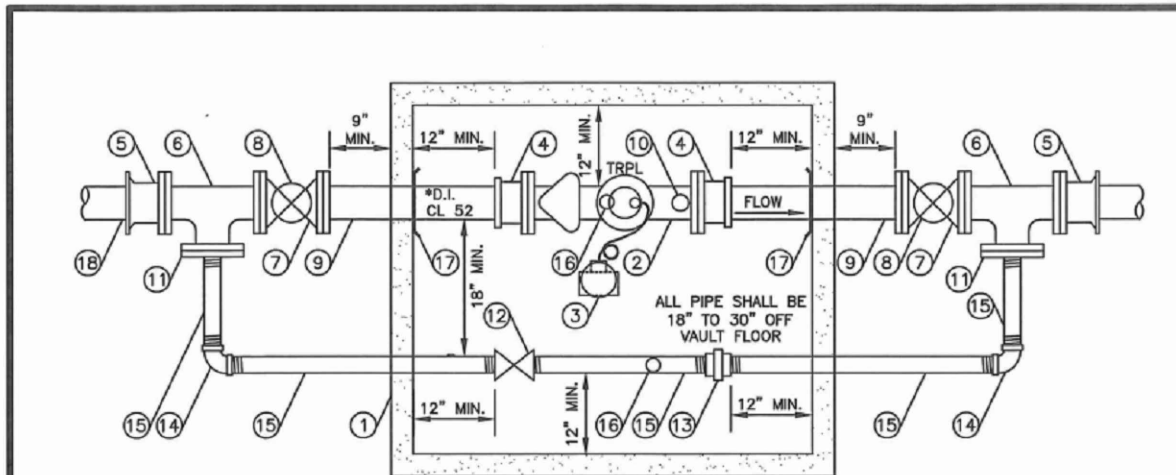
UTILITY NOTES AND
DETAILS

SHEET 36 OF 45

C4.05

APPROVED
BY _____
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021
NOTE: THIS APPROVAL IS VOID
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ENGINEERING SERVICES
MANAGER.

APPROVED
BY *Joseph Bailey*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021
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CONSTRUCTION NOTES

- PRECAST CONCRETE VAULT WITH STANDARD SLUMP PIT THAT DRAINS TO DAYLIGHT, IF POSSIBLE. VAULT SHALL BE SUFFICIENTLY SIZED TO MAINTAIN MINIMUM CLEARANCES SPECIFIED ON THIS DETAIL. VAULT SHALL MEET CITY STANDARD 03.11.01, PROVIDE A CUT 2" HOLE IN LID FOR METER TRANSMITTER.
- SENSUS FLANGED, C2 CHAIN METER WITH BUILT-IN STRAINER WITH TRPL. READING IN 1 CUBIC FEET. USE 3/4" DIAMETER 316 GRADE STAINLESS STEEL BOLTS AND TEFLON NUTS ON METER FLANGE CONNECTIONS.
- FLEX NET TRANSMITTER 520M SINGLE PORT COUPLE WITH LEAK DETECTION. MOUNTED ON METER VAULT LID.
- FLANGED COUPLING ADAPTOR.
- FLANGE x MECHANICAL JOINT ADAPTOR.
- FLANGED TEE.
- RESILIENT SEATED WEDGE GATE VALVE (FLO&FLO) WITH 2" SQUARE OPERATING NUT.
- INSTALL TWO-PIECE, ADJUSTABLE, CAST IRON VALVE BOX AS SPECIFIED IN CITY STANDARD 03.01.01.
- FLANGE x PLAIN END SPOOL, LENGTH AS REQUIRED.
- REMOVE METER TEST PLUG AND INSTALL 2" x 4" BRASS NIPPLE, 2" BALL VALVE FORD B11-777W OR APPROVED EQUAL, 2-1/2" MALE (NST) x 2" MALE IPS THREADED BRASS FIRE HOSE ADAPTOR, 2-1/2" (NST) BRASS NOZZLE CAP.
- BLIND FLANGE WITH 2" THREADED OUTLET.
- 2" LOCKING BALL VALVE FORD B11-777W OR APPROVED EQUAL.
- 2" GALVANIZED UNION.
- 2" GALVANIZED ELL.
- 2" THREADED GALVANIZED PIPE - CUT TO LENGTH AS REQUIRED.
- 2" ADJUSTABLE GALVANIZED PIPE SUPPORT.
- MESA LID RING SECURED AGAINST VAULT WALL, MASTIC AND MORTAR SEAL WHERE PIPE PASSES THROUGH VAULT WALL.
- AN ADDITIONAL, GATE VALVE IS REQUIRED AT THE WATER MAIN BRANCH CONNECTION.

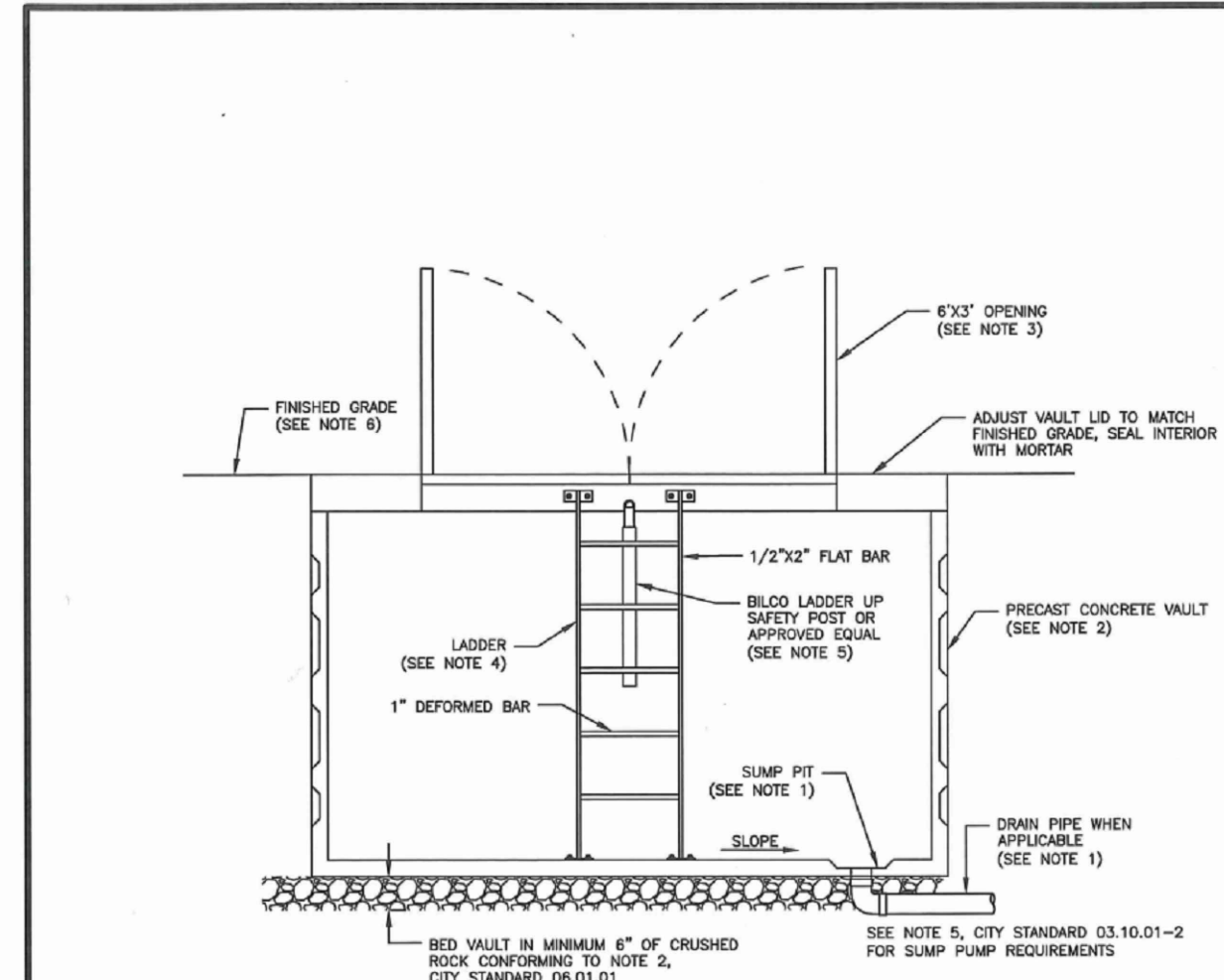
NOTE: * = 3" 4" OR 6" DEPENDING ON SERVICE LINE SIZE.

GENERAL NOTES

- ALL PIPE, VALVES, FITTINGS AND OTHER MATERIAL USED SHALL CONFORM TO AWWA STANDARDS (LATEST EDITION).
- ALL CONSTRUCTION SHALL CONFORM TO WSDOT/AWWA STANDARDS SPECIFICATIONS, CURRENT EDITION, AND CITY OF PUYALLUP STANDARDS.

CITY OF PUYALLUP
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DATE 05/15/2019
3"-4"-6" WATER SERVICE
CITY STANDARD
03.03.03

01 3" WATER SERVICE
SCALE: N.T.S.

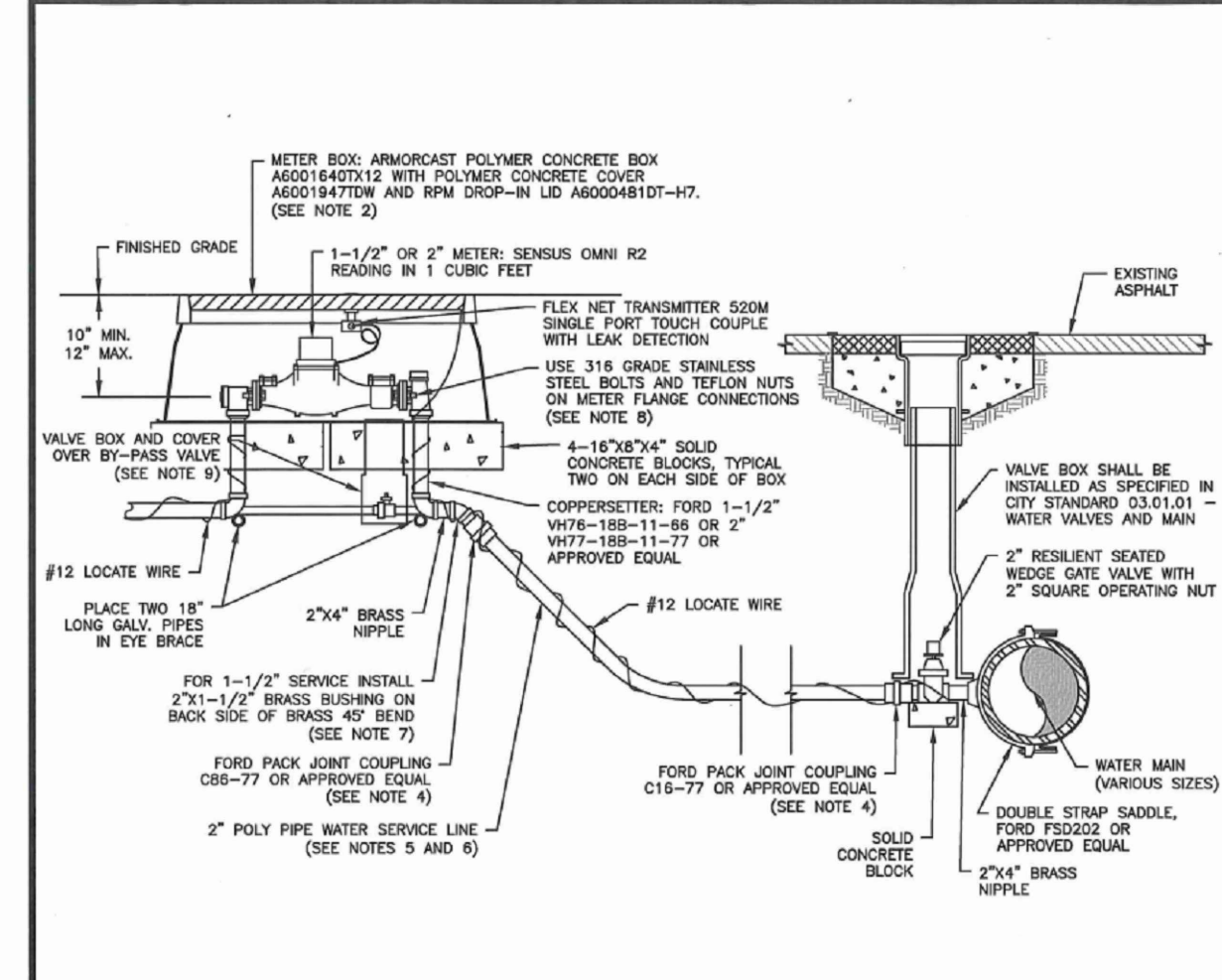


NOTES:

- IF POSSIBLE, DRAIN VAULT TO DAYLIGHT OR APPROVED STORM DRAINAGE STRUCTURE (2% MINIMUM SLOPE). VAULT DRAIN SHALL BE 4" SCH 80 PVC PIPE WITH 1/2" GALVANIZED MESH SCREEN OR APPROVED EQUAL, AFFIXED TO PIPE INLET AND OUTLET. MASTIC AND MORTAR SEAL WHERE DRAIN PIPE PASSES THROUGH SLUMP PIT AT FLOOR OF VAULT WHEN VAULT DRAIN IS INFEASIBLE, A SLUMP PUMP SHALL BE INSTALLED MEETING THE REQUIREMENTS OF NOTE 5, CITY STANDARD 03.10.01-2.
- THE VAULT SHALL BE A PRECAST CONCRETE, SIZED TO MEET THE MINIMUM CLEARANCE REQUIREMENTS SHOWN ON DETAILS 03.03.03, 03.09.01, OR 03.10.01-1. VAULT SHALL BE RATED FOR HS-20 LOADING. NO MODIFICATIONS TO PRECAST CONCRETE VAULT WALLS WILL BE ALLOWED WITHOUT WRITTEN APPROVAL FROM PRECAST SUPPLIER AND/OR ENGINEER OF RECORD.
- REMOVABLE DOORS SHALL BE A MINIMUM OF 6'-0" x 3'-0" ALUMINUM DIAMOND PLATE HINGED LOCKING DOORS, WITH HINGES LOCATED AT EACH END OF OPENING, AND WITH COVERED RECESSED PADLOCK HASP. DOORS SHALL BE SPRING LOADED AND LOCK IN THE OPEN POSITION. DOOR AND FRAME SHALL BE RATED FOR HS-20 LOADING.
- A GALVANIZED LADDER SHALL BE SET INSIDE THE VAULT FOR ACCESS. IT SHALL BE SECURED TO THE VAULT WITH 1/2" DIA. BOLTS EXPOSED TO THE VAULT LID AND FLOOR.
- A BLCO LADDER UP SAFETY POST MODEL NO. 2 (OR APPROVED EQUAL) SHALL BE ATTACHED TO AND CENTERED ON THE LADDER STEPS.
- THE VAULT SHALL BE PLACED IN A UTILITY EASEMENT OUT OF VEHICLE AND PEDESTRIAN TRAFFIC.
- CAST-IN-PLACE VAULTS SHALL BE PERMITTED BY THE CITY'S BUILDING DIVISION PRIOR TO CONSTRUCTION.

CITY OF PUYALLUP
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DATE 05/15/2019
WATER VAULT DETAILS
CITY STANDARD
03.11.01

02 WATER VAULT
SCALE: N.T.S.

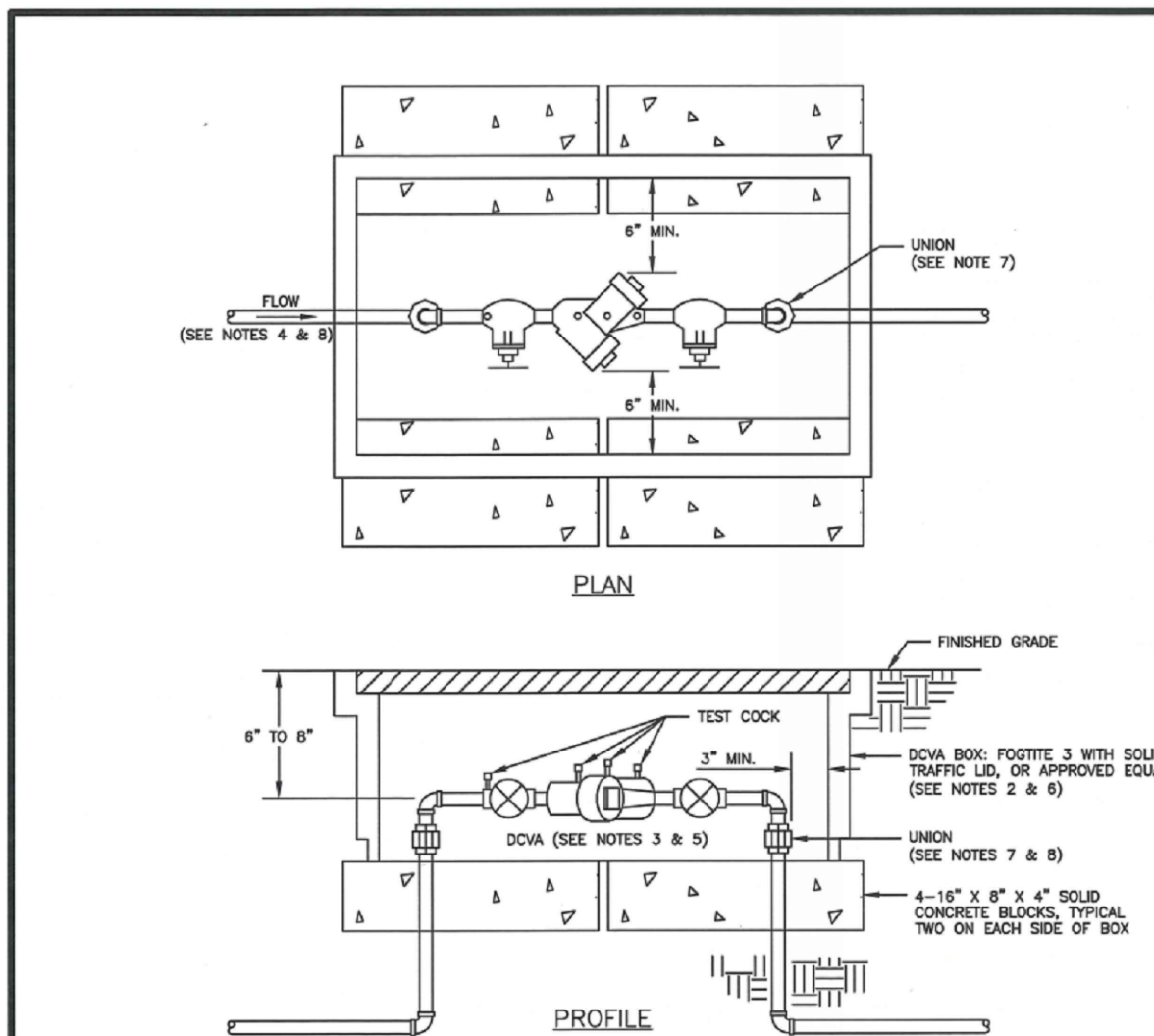


NOTES:

- ALL MATERIALS AND FITTINGS SHALL BE AS SPECIFIED OR AN APPROVED EQUAL.
- NORMALLY THE WATER METER BOX SHOULD BE LOCATED IN THE PLANTING STRIP. IF SIDEWALK IS AGAINST THE CURB, PLACE METER BOX DIRECTLY BEHIND THE SIDEWALK. THE WATER METER BOX SHALL NOT BE LOCATED IN HARD SURFACES. WHEN UNAVOIDABLE, EXCEPTIONS CAN BE MADE AT END OF CURB-SIDES OR PAVED SIDEWALKS.
- WATER MAINS SHALL HAVE A MINIMUM COVER OF 36" IN IMPROVED RIGHT-OF-WAY AND IMPROVED EASEMENTS, AND A MINIMUM OF 48" IN UNIMPROVED RIGHT-OF-WAY AND UNIMPROVED EASEMENTS.
- ALL POLY PIPE COUPLINGS SHALL USE PIPE INSERT STIFFENERS.
- THE WATER SERVICE LINE SHALL BE BEEDED IN WASHED SAND WITH 36" OF COVER BELOW FINISHED GRADE WITHIN THE RIGHT-OF-WAY. THE WATER SERVICE LINE SHALL BE ONE CONTINUOUS PIECE WITH NO JOINTS.
- ALL POLY PIPE SHALL BE HIGH DENSITY POLY (HDPE) PIPE SIZED MEETING ASTM D-2239-SDR 7, BLUE IN COLOR, 200 PSI MINIMUM.
- FOR A 1-1/2" WATER SERVICE, ALL MATERIAL SHALL BE 2" FROM THE WATER MAIN TO THE COPPERSETTER. REDUCE FROM 2" TO 1-1/2" IMMEDIATELY BEFORE COPPERSETTER.
- THE STAINLESS STEEL METER FLANGE BOLTS SHALL BE 5/8" DIAMETER FOR THE 1-1/2" METER, AND 3/4" DIAMETER FOR THE 2" METER.
- PROVIDE A 6" CIRCULAR VALVE BOX WITH COVER (APPLIED ENGINEERING PRODUCT MODEL 708 WITH GREEN LID OR AN APPROVED EQUAL) OVER BY-PASS VALVE.

CITY OF PUYALLUP
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1-1/2" AND 2"
WATER SERVICE CONNECTION
CITY STANDARD
03.03.02

03 WATER SERVICE
SCALE: N.T.S.

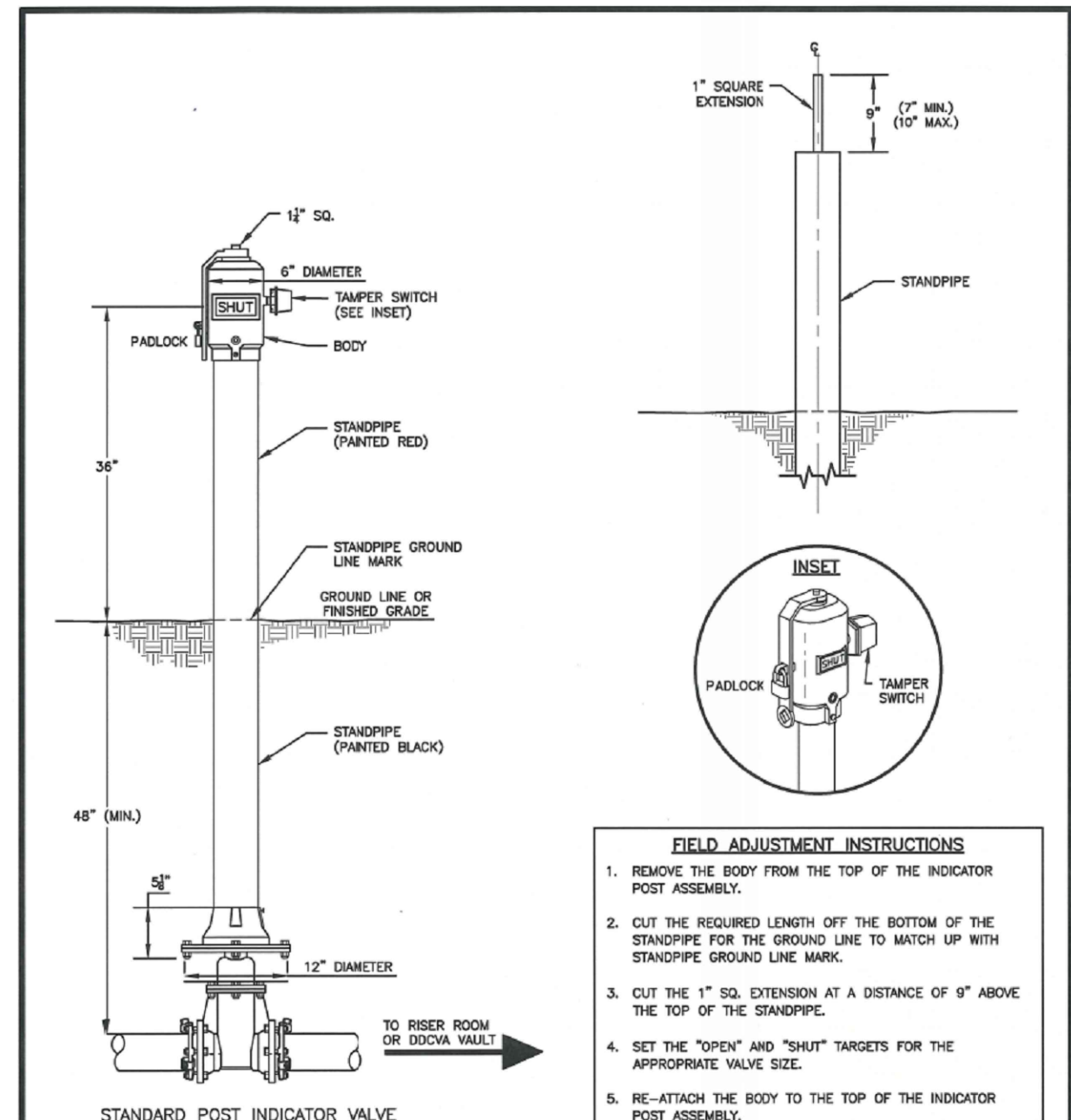


NOTES:

- BACKFLOW ASSEMBLY MUST BE SELECTED FROM WASHINGTON STATE DEPARTMENT OF HEALTH'S LIST OF BACKFLOW PREVENTION ASSEMBLIES APPROVED FOR INSTALLATION IN WASHINGTON STATE, LATEST EDITION.
- THE DOWA SHALL BE INSTALLED WITH ADEQUATE SPACE TO FACILITATE MAINTENANCE AND TESTING. IT SHALL BE TESTED AFTER INSTALLATION, BY A WASHINGTON STATE CERTIFIED BACK-FLOW ASSEMBLY TESTER, TO INSURE ITS SATISFACTORY OPERATION BEFORE OCCUPANCY, AND ANNUALLY THEREAFTER. SEND TEST RESULTS TO: CITY OF PUYALLUP, WATER QUALITY OPERATIONS, 1100 39TH AVE SE, PUYALLUP, WA 98374.
- DOWA MUST BE PURCHASED AS A UNIT. NO MODIFICATIONS TO THE ASSEMBLY ARE ALLOWED.
- DOWA SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF WATER METER. WHEN IRRIGATION SYSTEM IS CONNECTED OFF DOMESTIC WATER LINE, IRRIGATION DOWA SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF THE BRANCH CONNECTION.
- DOWA SHALL BE SIZED EQUAL OR COMPARABLE TO METER SIZE.
- METER BOX SHALL BE LARGE ENOUGH TO ALLOW THE MINIMUM SETBACKS ILLUSTRATED ABOVE. METER BOX LID SHALL BE A TRAFFIC LID WITH A H-20 LOADING.
- ELECTRIC UNIONS MUST BE USED TO SEPARATE DISSIMILAR MATERIALS.
- USE ONLY BRASS OR COPPER BETWEEN THE METER AND THE UNION ON THE CUSTOMER'S SIDE OF THE DOWA.

CITY OF PUYALLUP
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DATE 05/15/2019
2" AND SMALLER DOUBLE
CHECK VALVE ASSEMBLY
INSTALLATION
CITY STANDARD
03.04.01

04 WATER DOUBLE CHECK VALVE
SCALE: N.T.S.

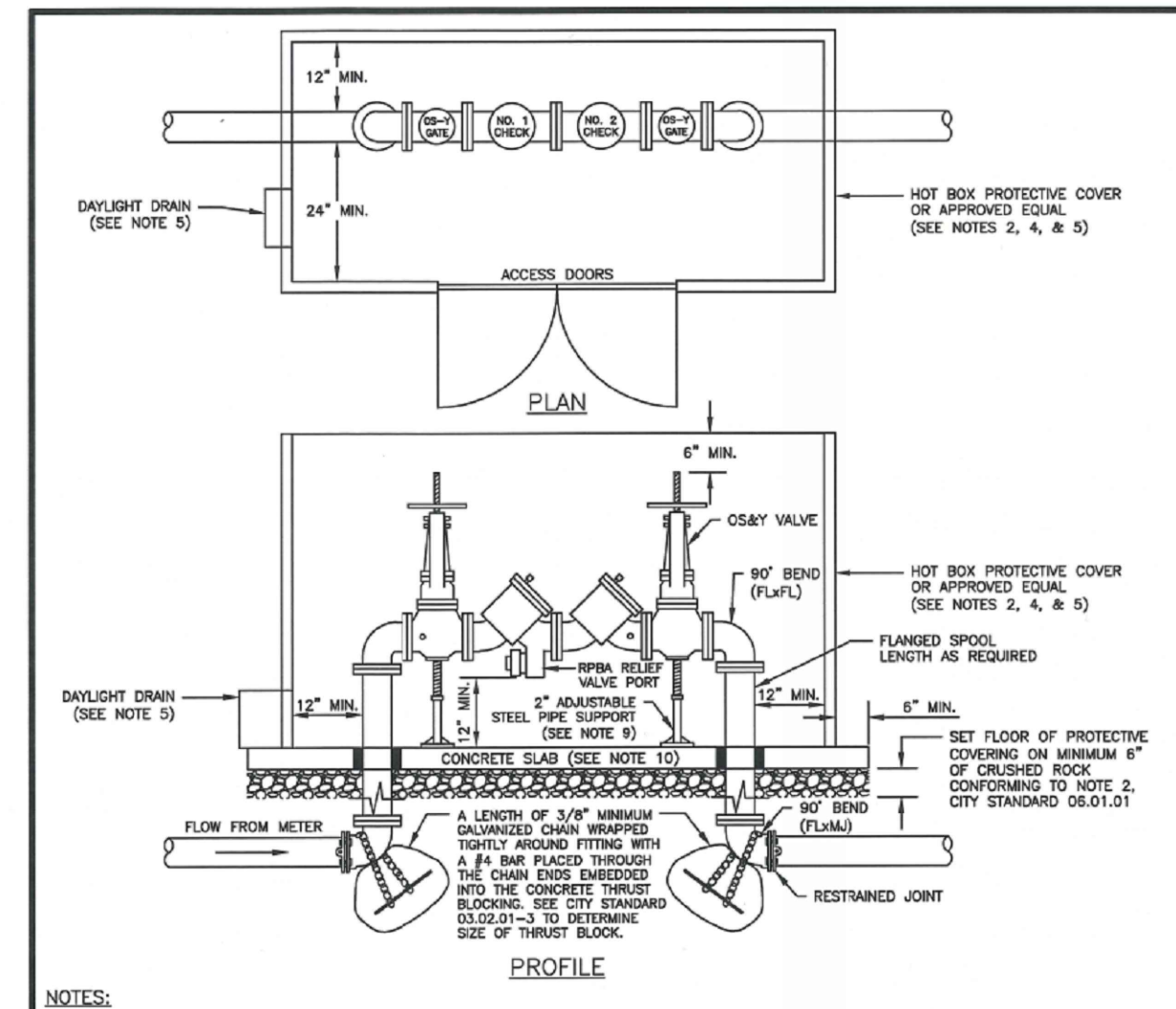


FIELD ADJUSTMENT INSTRUCTIONS

- REMOVE THE BODY FROM THE TOP OF THE INDICATOR POST ASSEMBLY.
- CUT THE REQUIRED LENGTH OFF THE BOTTOM OF THE STANDPIPE FOR THE GROUND LINE TO MATCH UP WITH STANDPIPE GROUND LINE MARK.
- CUT THE 1" SQ. EXTENSION AT A DISTANCE OF 9" ABOVE THE TOP OF THE STANDPIPE.
- SET THE "TIGHT" AND "SHUT" TARGETS FOR THE APPROPRIATE VALVE SIZE.
- RE-ATTACH THE BODY TO THE TOP OF THE INDICATOR POST ASSEMBLY.
- ALL POST INDICATOR VALVES SHALL BE INSTALLED WITH AN ELECTRONIC UL LISTED TAMPER SWITCH.
- THERE SHALL BE 30" OF UNOBSTRUCTED CLEARANCE AROUND THE PERIMETER OF ALL POST INDICATOR VALVES.
- POST INDICATOR VALVE SHALL BE LOCATED AT A MINIMUM 5'-0" FROM BUILDING.

CITY OF PUYALLUP
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POST INDICATOR VALVE
CITY STANDARD
03.10.03

05 POST INDICATOR VALVE
SCALE: N.T.S.



NOTES:

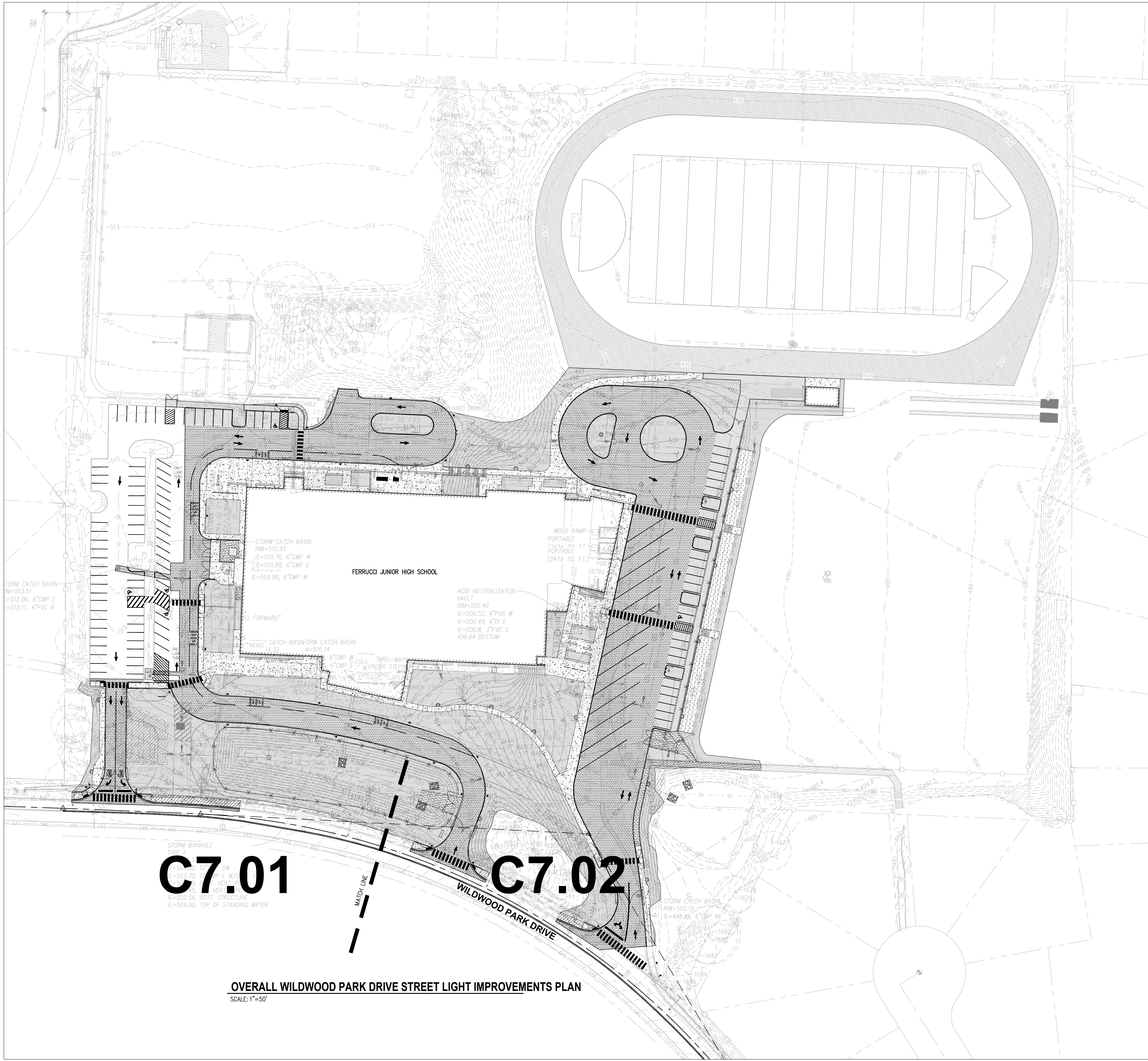
- BACKFLOW ASSEMBLY MUST BE SELECTED FROM WASHINGTON STATE DEPARTMENT OF HEALTH'S LIST OF BACKFLOW PREVENTION ASSEMBLIES APPROVED FOR INSTALLATION IN WASHINGTON STATE, LATEST EDITION.
- THE RPBA SHALL BE INSTALLED WITH ADEQUATE SPACE TO FACILITATE MAINTENANCE AND TESTING. IT SHALL BE TESTED AFTER INSTALLATION, BY A WASHINGTON STATE CERTIFIED BACK-FLOW ASSEMBLY TESTER, TO INSURE ITS SATISFACTORY OPERATION BEFORE OCCUPANCY, AND ANNUALLY THEREAFTER. SEND TEST RESULTS TO: CITY OF PUYALLUP, WATER QUALITY OPERATIONS, 1100 39TH AVE SE, PUYALLUP, WA 98374.
- THE RPBA MUST BE PURCHASED AS A UNIT. NO MODIFICATIONS TO THE ASSEMBLY ARE ALLOWED.
- THE RPBA SHALL NOT BE INSTALLED IN A PIT BELOW GROUND LEVEL.
- THE PROTECTIVE COVERING FOR THE RPBA, WHICH PROTECTS THE ASSEMBLY FROM FREEZING, MUST INCLUDE A DAYLIGHT DRAIN. THE DRAIN MUST BE INSTALLED ABOVE GROUND OR ABOVE THE MAIN FLOOR LEVEL. WHICHEVER IS HIGHER. THE DRAIN MUST BE A MINIMUM OF TWICE THE SIZE OF THE RPBA. IT BE ABLE TO HANDLE THE VOLUME OF WATER THAT POTENTIALLY COULD BE DISCHARGED FROM THE RELIEF VALVE PORT.
- THE RPBA SHALL BE SIZED EQUAL OR COMPARABLE TO THE METER SIZE.
- THE RPBA SHALL BE LOCATED IMMEDIATELY DOWN STREAM OF THE METER, AND CANNOT BE INSTALLED INSIDE OF A BUILDING, DUE TO THE SEVERE HAZARD FROM THE WATER THAT POTENTIALLY COULD BE DISCHARGED FROM THE RELIEF VALVE PORT DURING A FOULED CHECK VALVE SITUATION.
- ALL ELECTRICAL SHALL BE INSPECTED BY A WASHINGTON STATE ELECTRICAL INSPECTOR.
- PIPE SUPPORTS SHALL BE RUST-PROTECTED WITH ALUMINUM PAINT.
- POUR A 4" INCH CONCRETE SLAB FOR RPBA PROTECTIVE COVER. PROVIDE A 2" INCH ANNUAL SPACE BETWEEN THE PIPE AND FLOOR. EXTEND THE CONCRETE SLAB 6" INCHES BEYOND THE PROTECTIVE COVERING TO PROVIDE ADEQUATE ANCHORING.
- PROVIDE FREEZE PROTECTION AS DIRECTED BY OWNER.

CITY OF PUYALLUP
OFFICE
OF
THE CITY ENGINEER
APPROVED FOR PUBLICATION
DATE 05/15/2019
3" AND ABOVE REDUCED
PRESSURE BACKFLOW
ASSEMBLY INSTALLATION
CITY STANDARD
03.04.03

06 3" AND ABOVE RPBA INSTALLATION
SCALE: N.T.S.

811 Call 811
two business days
before you dig

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Project No.: 18711 Project Mgr.: RCH
Proj. Engineer: VMS Proj. Drafter: VMS



APPROVED
BY *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 5/13/2021
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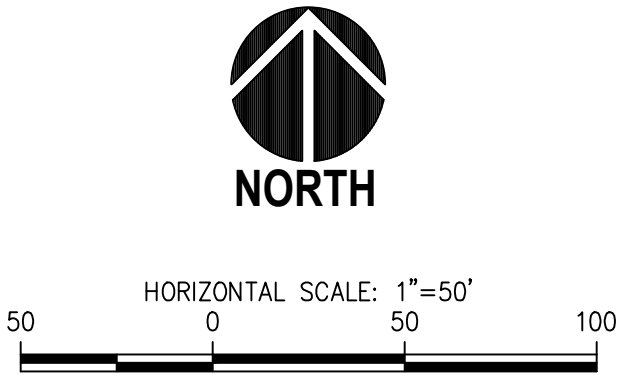
DRAWING INDEX

- C7.00 OVERALL WILDWOOD PARK DRIVE OFFSITE STREET LIGHT IMPROVEMENT PLAN
- C7.01 WILDWOOD PARK DRIVE STREET LIGHT PLAN (WEST)
- C7.02 WILDWOOD PARK DRIVE STREET LIGHT PLAN (EAST)
- C7.03 STREET LIGHT NOTES
- C7.04 STREET LIGHT DETAILS
- C7.05 STREET LIGHT DETAILS

C7.01

C7.02

OVERALL WILDWOOD PARK DRIVE STREET LIGHT IMPROVEMENTS PLAN
SCALE: 1"=50'



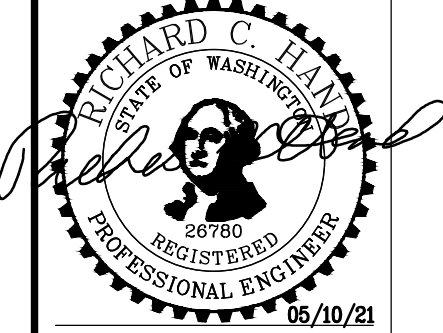
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Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS

REVISIONS

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PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION
3213 WILDWOOD PARK DR. PUYALLUP, WA. 98374



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DATE 05/10/2021

OVERALL OFFSITE
STREET LIGHT
IMPROVEMENT
PLAN

SHEET 37 OF 45

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C7.00

LEGEND

- PROPOSED FEATURES-
- STREET LIGHT
 - 2" SCH 80 PVC CONDUIT
 - BP SPARE CONDUIT WITH PULL CORD
 - SERVICE CABINET
 - J-BOX

GENERAL NOTES

- STREET LIGHT INSTALLATION SHALL COMPLY TO CITY OF PUYALLUP DETAILS ON SHEETS C7.04 & C7.05.
- LUMINAIRE CLASSIFICATION SHALL COMPLY WITH COLLECTOR ARTERIAL REQUIREMENTS.
- PHOTO CELL SHALL COMPLY WITH DETAIL 01.05.10/C7.05.
- STREET LIGHT FIXTURES SHALL BE LEOTEK GCM1-60J-MV-2R-40K-GY-105-XX.

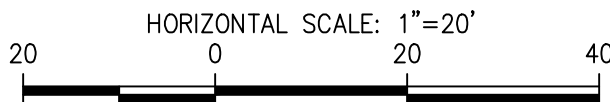
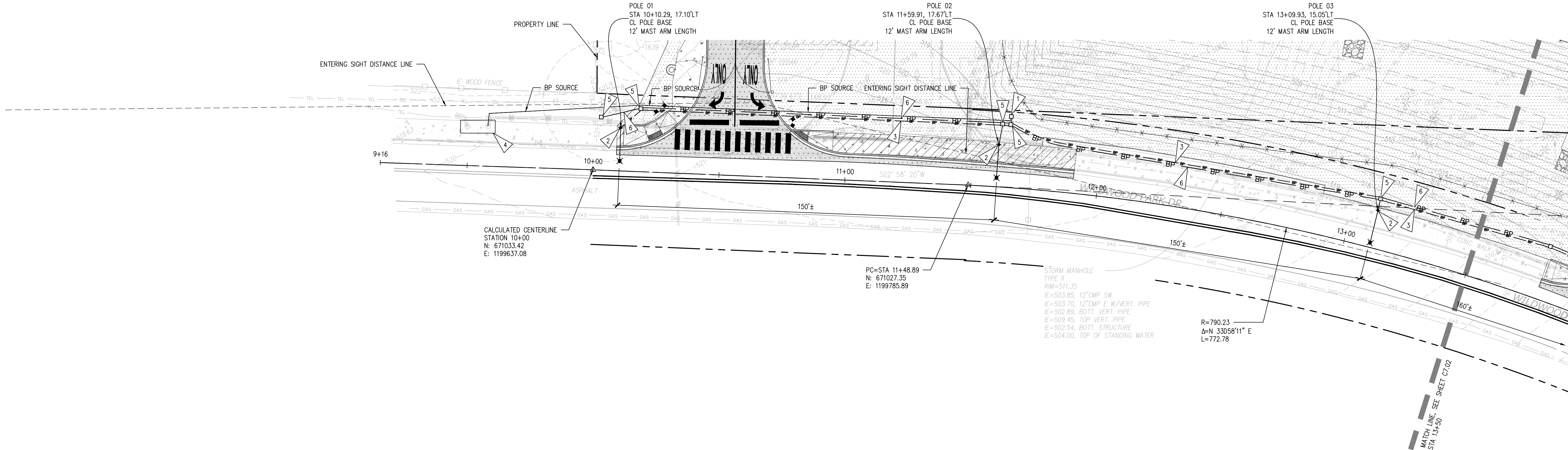
KEY NOTES

- SERVICE CABINET, SEE DETAILS 01.05.03/C7.04, 01.05.05/C7.04, 01.06.05/C7.05. A SINGLE REMOTE PHOTOCELL SHALL BE INSTALLED AT THE SERVICE CABINET TO CONTROL ALL STREETLIGHTS ALONG FRONTAGE. SHORTING CAPS ARE REQUIRED TO BE INSTALLED ON STREETLIGHTS.
- STREET LIGHT POLE AND BASE, SEE DETAILS 01.05.04/C7.04, 01.05.05/C7.04.
- 2" SCH 80 PVC CONDUIT, 2#8, 1#8G, XLP TYP PER SHEET E1.02.
- POWER SOURCE
- J-BOX, SEE DETAIL 01.06.01/C7.05
- SPARE 2" CONDUIT WITH PULL CORD

POLE SCHEDULE

POLE NUMBER	STA	OFFSET	MAST ARM LENGTH
POLE 01	10+10.29	17.10'LT	12'
POLE 02	11+59.91	17.67'LT	12'
POLE 03	13+09.93	15.05'LT	12'

APPROVED
BY: *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE: 5/13/2021
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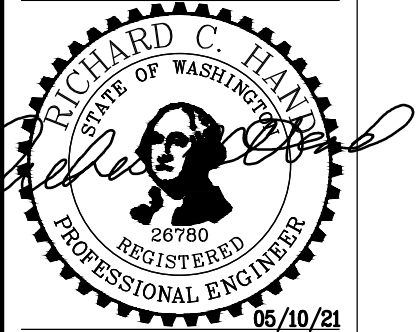
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Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS

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PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION
3213 WILDWOOD PARK DR. PUYALLUP, WA 98374



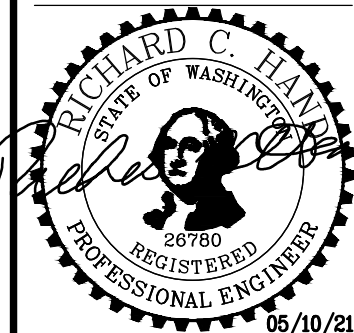
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WILDWOOD PARK
DRIVE STREET LIGHT
PLAN - WEST

SHEET 38 OF 45

C7.01



NACNO	121-19038
DRAWN	VMS
CHECKED	RCH
DATE	05/10/2021

WILDWOOD PARK
DRIVE STREET LIGHT
PLAN - EAST

APPROVED

BY: RICHARD C. HANKS
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE: 5/13/2021

NOTE: THIS APPROVAL IS VOID
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ENGINEERING SERVICES
MANAGER.

POLE SCHEDULE

POLE NUMBER	STA	OFFSET	MAST ARM LENGTH
POLE 04	14+69.72	15.95'LT	12'
POLE 05	15+69.95	19.22'LT	12'
POLE 06	17+08.00	20.90'LT	12'

KEY NOTES

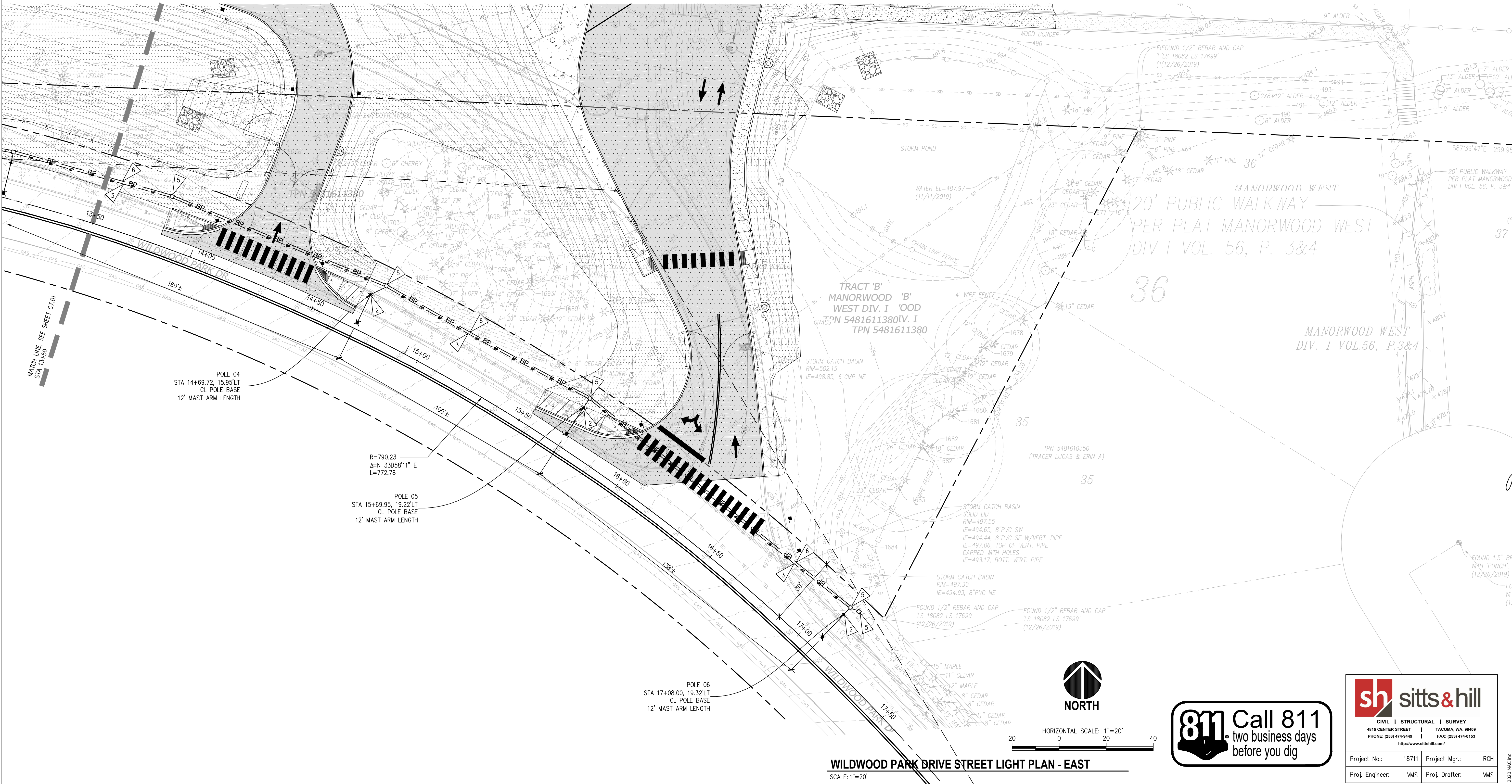
- NOT USED
- STREET LIGHT POLE AND BASE, SEE DETAILS 01.05.04/C7.04, 01.05.05/C7.04.
- 2" SCH 80 PVC CONDUIT. 2#8, 1#6G, XLP TYP PER SCHEET E1.02.
- NOT USED
- J-BOX, SEE DETAIL 01.06.01/C7.05
- SPARE 2" CONDUIT WITH PULL CORD

GENERAL NOTES

- STREET LIGHT INSTALLATION SHALL COMPLY TO CITY OF PUYALLUP DETAILS ON SHEET C7.04 & C7.05.
- LUMINAIRE CLASSIFICATION SHALL COMPLY WITH COLLECTOR ARTERIAL REQUIREMENTS.
- PHOTO CELL SHALL COMPLY WITH DETAIL 01.05.10/C7.05.
- STREET LIGHT FIXTURES SHALL BE LEOTEK GCM1-60J-MV-2R-40K-GY-105-XX.

LEGEND

- PROPOSED FEATURES-
- STREET LIGHT
 - 2" SCH 80 PVC CONDUIT
 - BP SPARE CONDUIT WITH PULL CORD
 - SERVICE CABINET
 - J-BOX



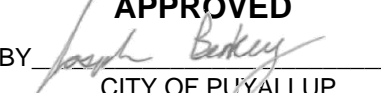
ROADWAY NOTES

1. ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTACT ENGINEERING SERVICES TO SCHEDULE THE MEETING (253) 841-5568. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN APPROVED SET OF PLANS AT THE MEETING.
2. AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A "PUNCH LIST" PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").
4. A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
5. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE ENGINEERING SERVICES STAFF PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
6. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
7. ANY STRUCTURE AND/OR OBSTRUCTION WHICH REQUIRES REMOVAL OR RELOCATION RELATING TO THIS PROJECT, SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.
8. MONUMENTS SHALL BE INSTALLED AT ALL STREET INTERSECTIONS, AT ANGLE POINTS, AND POINTS OF CURVATURE IN EACH STREET. ALL BOUNDARY MONUMENTS MUST BE INSTALLED ACCORDING TO THE WASHINGTON STATE SUBDIVISION LAWS.
9. CURB AND GUTTER INSTALLATION SHALL CONFORM TO CITY STANDARD DETAIL 01.02.09.
10. SIDEWALKS AND DRIVEWAYS SHALL BE INSTALLED AS LOTS ARE BUILT ON. SIDEWALKS AND DRIVEWAYS SHALL CONFORM TO CITY STANDARD DETAIL 01.02.01, 01.02.02 AND 01.02.12. IF ASPHALT IS DAMAGED DURING REPLACEMENT OF CURB AND GUTTER, THE REPAIR SHALL CONFORM TO CITY STANDARD DETAIL 01.02.10.
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14. NEW OR REVISED STOP SIGNS OR YIELD SIGNS SHALL BE ADVANCE WARNED USING THE PROCEDURE OUTLINED IN THE MUTCD. ADVANCE WARNING SIGNS AND FLAGS SHALL BE MAINTAINED BY INSTALLER FOR 30 DAYS AND THEN REMOVED.

ILLUMINATION NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH CITY OF PUYALLUP PUBLIC WORKS STANDARDS AND WSDOT STANDARDS AND SPECIFICATIONS.
2. THE LOCATIONS OF FEATURES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION START.
3. UTILITY LOCATIONS ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY ILLUMINATION WORK.
4. ALL WORK SHALL BE CONSISTENT WITH UTILITY AGENCY REQUIREMENTS. THE CONTRACTOR SHALL COORDINATE WITH AFFECTED UTILITY AGENCIES THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.
5. CONDUIT LOCATIONS ARE SHOWN FOR ILLUSTRATIVE PURPOSES. ACTUAL LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD.
6. CONTRACTOR SHALL COORDINATE WITH THE CITY SIGNAL/ILLUMINATION TECHNICIAN AT 253.405.4390 PRIOR TO CONSTRUCTION.
7. THE LOCATION OF ALL CONDUITS, JUNCTION BOXES, POLES, AND CABINETS SHOWN ON THIS PLAN MAY BE ADJUSTED IN THE FIELD TO AVOID CONFLICTS AND MEET ADA REQUIREMENTS. ALL FINAL LOCATIONS SHALL BE APPROVED BY THE CITY TRAFFIC ENGINEER PRIOR TO CONSTRUCTION.
8. JUNCTION BOX LOCATIONS SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY. JUNCTION BOXES SHALL BE FIELD LOCATED BY THE CONTRACTOR WITH DIRECTION FROM THE CITY.
9. CONTRACTOR SHALL ADJUST JUNCTION BOX LIDS TO BE FLUSH WITH TOP OF SIDEWALK.
10. ANY NEW JUNCTION BOX WHICH WILL BE LOCATED WITHIN OR PARTIALLY WITHIN SIDEWALK SHALL HAVE LIDS AND FRAMES WITH A NON-SLIP COATING ON THE TOP SURFACE EQUAL TO MEBAC1 OR SLIPNOT#3.

APPROVED

BY  CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE 5/13/2021

NOTE: THIS APPROVAL IS VOID
AFTER 180 DAYS FROM APPROVAL
DATE.

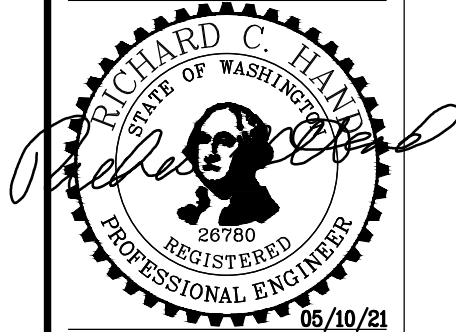
THE CITY WILL NOT BE
RESPONSIBLE FOR ERRORS AND/
OR OMISSIONS ON THESE PLANS.

FIELD CONDITIONS MAY DICTATE
CHANGES TO THESE PLANS AS
DETERMINED BY THE
ENGINEERING SERVICES
MANAGER.

REVISIONS

PERMIT
RESUBMITTAL

PUYALLUP SCHOOL DISTRICT PROJECT NO. 30-03-19
FERRUCCI JUNIOR HIGH ADDITION
3213 WILLOW PARK DR. PUYALLUP, WA 98374



2021 1ST AVENUE
SEATTLE WA 98121
P:206.441.4522


NAC NO 121-19038
DRAWN VMS
CHECKED RCH
DATE 05/10/2021

STREET LIGHT
NOTES

SHEET 40 OF 45

C7.03



 **sitts & hill**

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4815 CENTER STREET | TACOMA, WA 98409

PHONE: (253) 474-9449 | FAX: (253) 474-0153

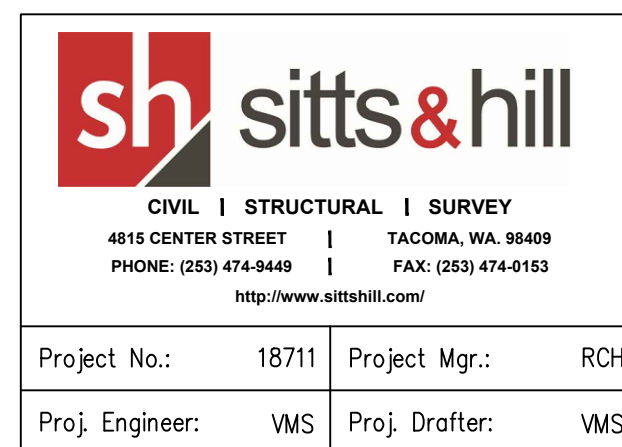
http://www.sitts-hill.com/

Project No.:	18711	Project Mgr.:	RCH
Proj. Engineer:	VMS	Proj. Drafter:	VMS

FIELD CONDITIONS MAY DICTATE
CHANGES TO THESE PLANS AS
DETERMINED BY THE
ENGINEERING SERVICES
MANAGER.



NOTE: INSTALL 3 SETS OF CONTACTORS TO GO WITH THE 3 DOUBLE PULL 20 AMP BREAKERS TO ALLOW FOR EASE OF EXPANSION FOR FUTURE STREETLIGHTING SYSTEMS.



APPROVED

BY: *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE: 5/13/2021

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LEGEND

PROPOSED FEATURES:

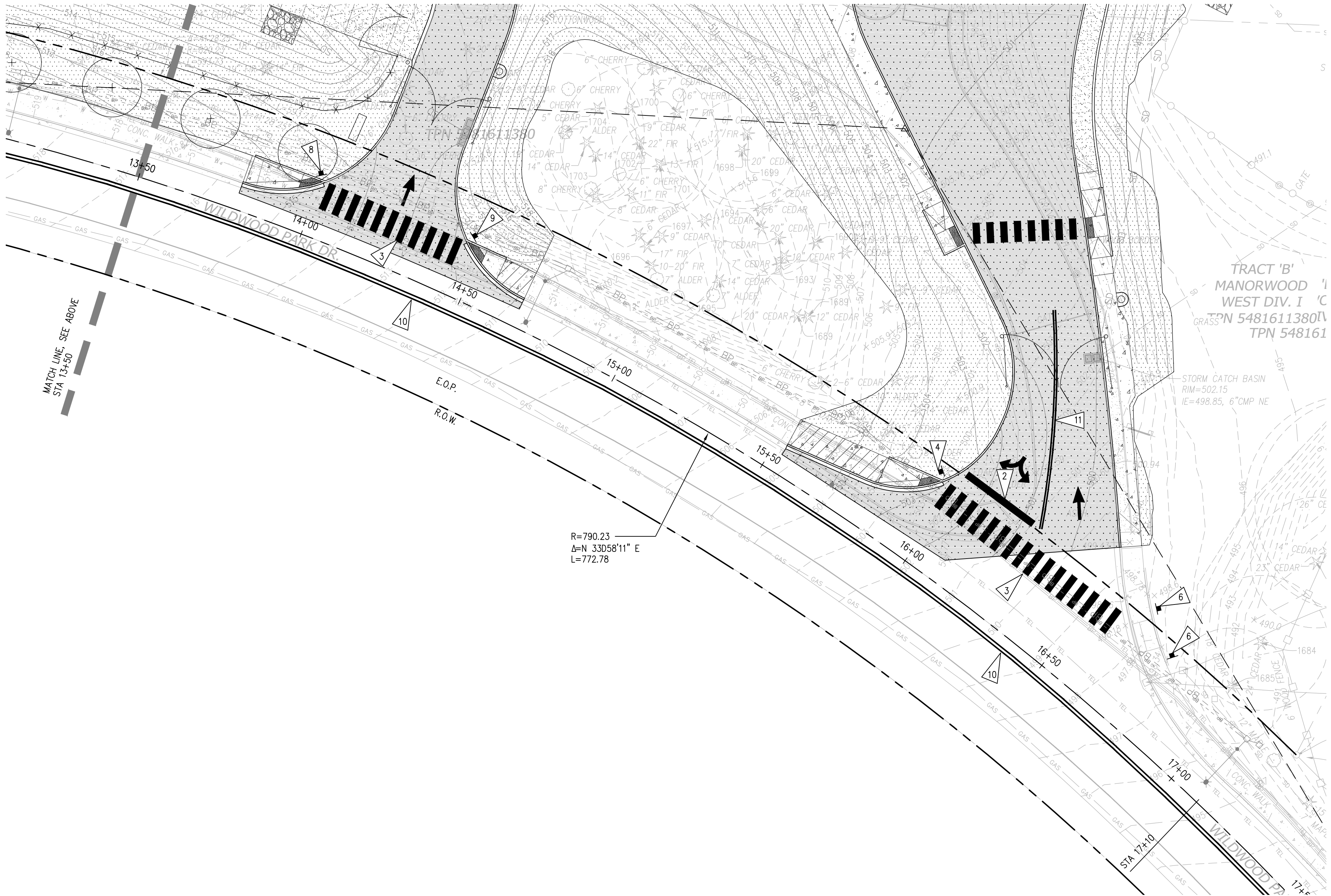
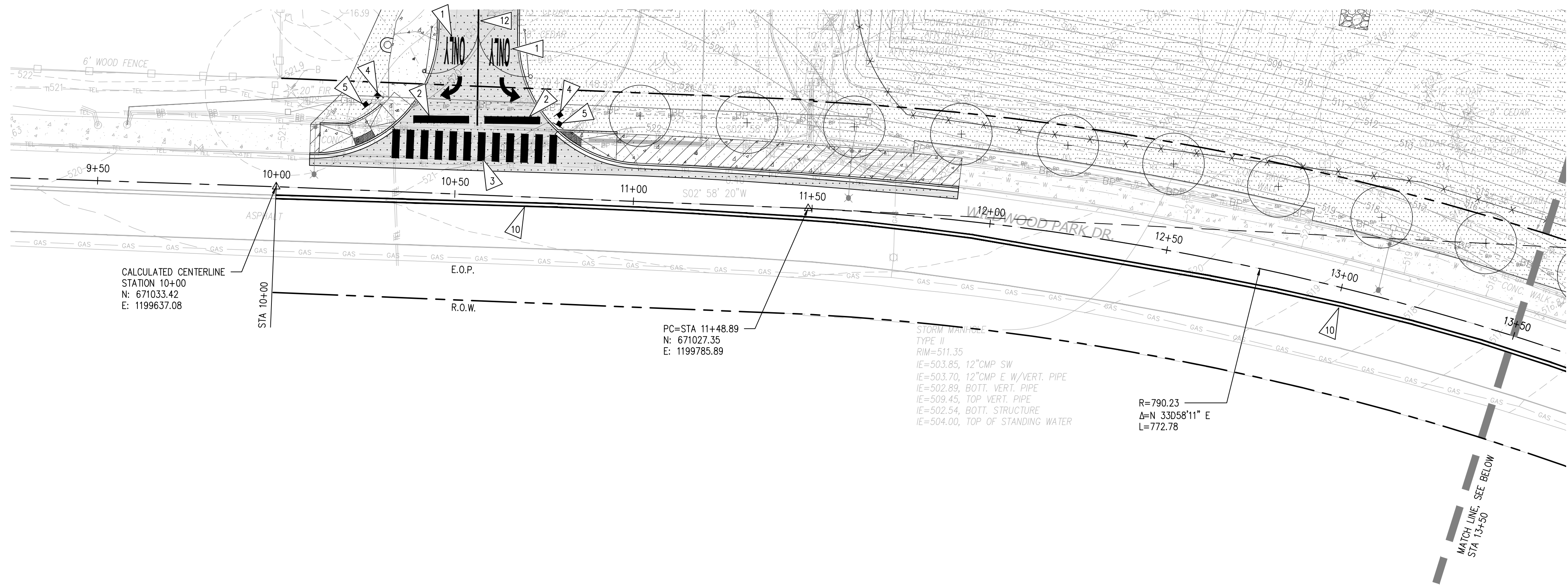
- CROSSWALK
- SIGN
- STRIPING
- STOP BAR

GENERAL NOTES

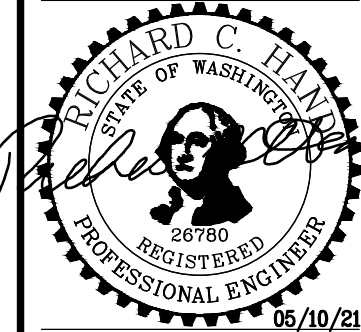
1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

KEY NOTES

- 1 PROVIDE "ONLY" PAVEMENT MARKING PER DETAILS 1 AND 3/C8.02.
- 2 PROVIDE STOP BAR PAVEMENT MARKING PER CITY DETAIL 01.03.11/C8.01.
- 3 PROVIDE CROSSWALK PAVEMENT MARKING PER CITY DETAIL 01.03.11/C8.01.
- 4 PROVIDE "STOP" SIGN AND POST PER CITY DETAILS 01.04.01 AND 01.04.02/C8.01.
- 5 PROVIDE R5-1, 30"x30" "DO NOT ENTER" SIGN AND POST PER DETAIL 01.04.01 AND 01.04.02/C8.01. CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH CITY TRAFFIC ENGINEER.
- 6 CUSTOM REGULATORY SIGN, BLACK TEXT ON WHITE BACKGROUND 18"x24", "BUS/STAFF VEHICLES ONLY". CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH CITY TRAFFIC ENGINEER.
- 7 NOT USED.
- 8 PROVIDE R6-2 ONE WAY RIGHT ON POST PER CITY DETAIL 01.04.01/C8.01.
- 9 PROVIDE R6-2 ONE WAY LEFT ON POST PER CITY DETAIL 01.04.01/C8.01.
- 10 PROVIDE DOUBLE YELLOW STRIPE AND RPM'S PER CITY DETAIL 01.03.10/C8.01, DETAIL C.
- 11 PROVIDE DOUBLE YELLOW STRIPE PER CITY DETAIL 01.03.10/C8.01, DETAIL C (NO RPM'S).
- 12 PROVIDE 4" WIDE WHITE PAINT STRIPE.



OFFSITE WILDWOOD PARK DRIVE CHANNELIZATION PLAN
SCALE: 1"=20'



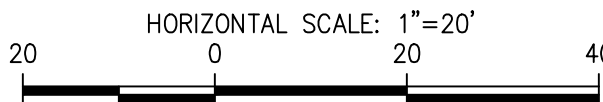
NAC NO	121-19038
DRAWN	VMS
CHECKED	RCH
DATE	05/10/2021

OFFSITE
WILDWOOD PARK
DRIVE
CHANNELIZATION
PLAN

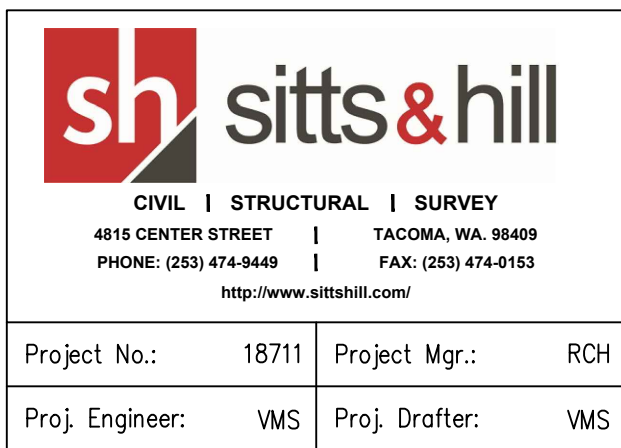
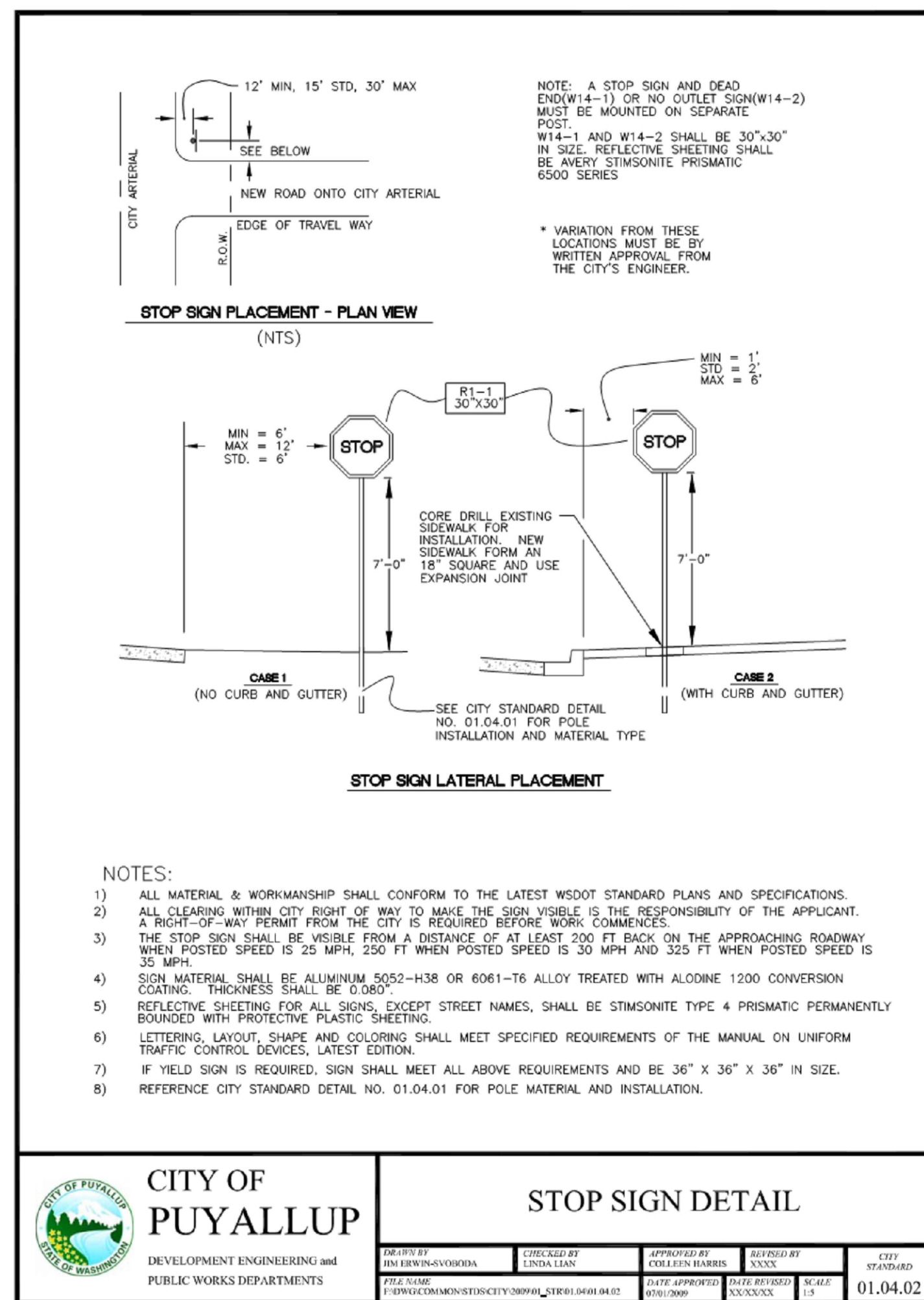
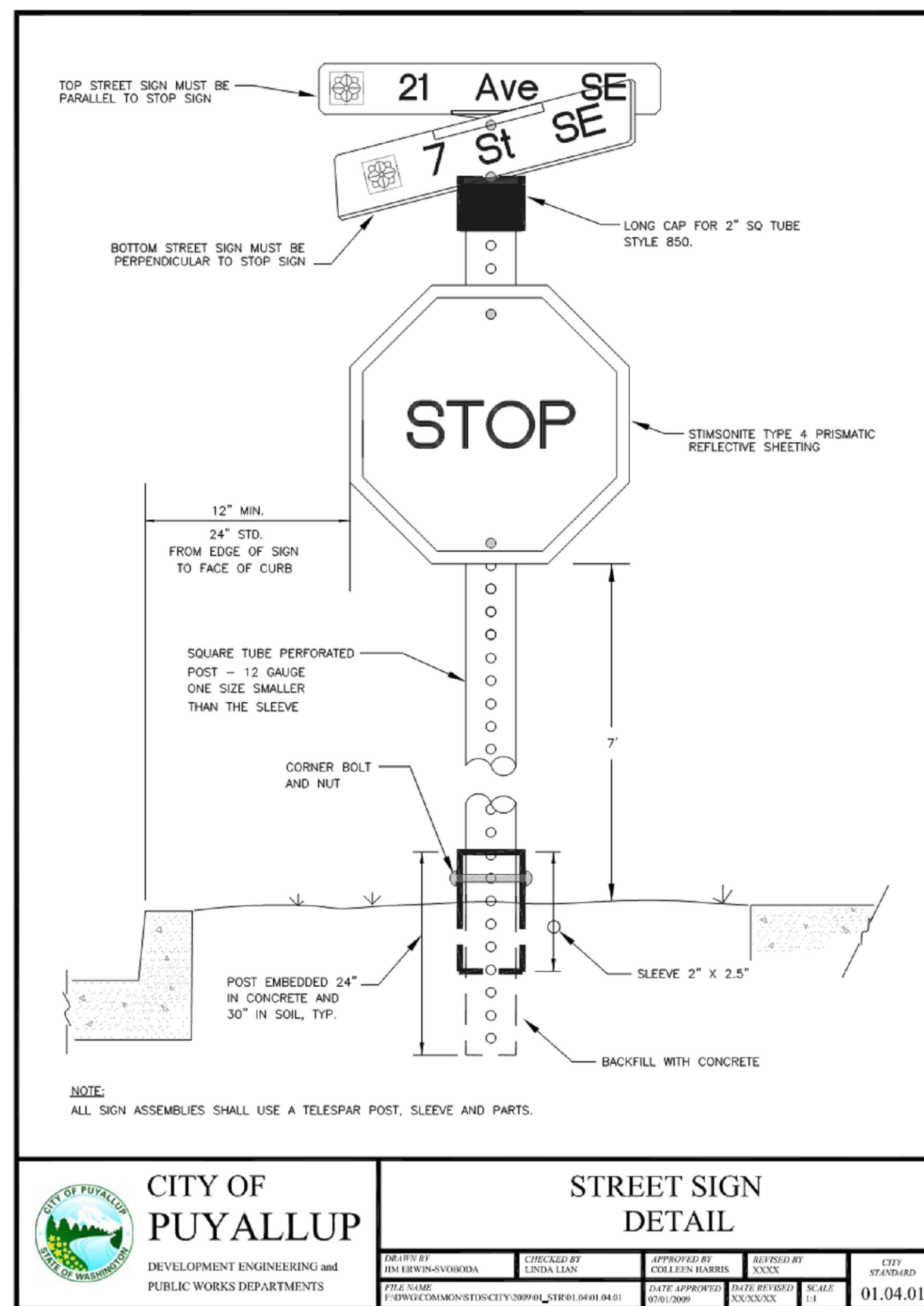
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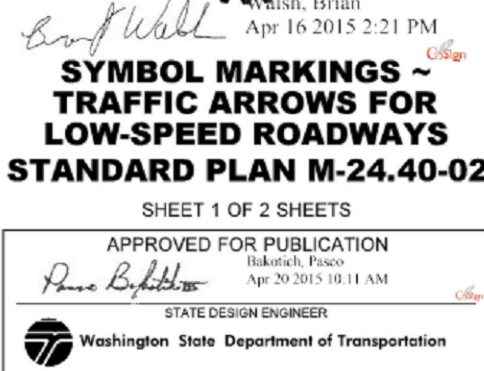
Project No.:	18711	Project Mgr.:	RCH
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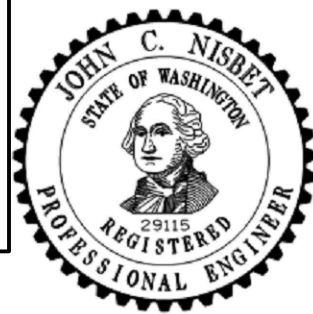
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SCALE: N.T.S.



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