

STEP BY STEP EARLY LEARNING CENTER

3303 8TH AVE SE, BLDG E
PUYALLUP, WA 98372

JULY 09, 2024

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DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").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 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 TRENCH LOCATED WITHIN A 10-FOOT UTILITY EASEMENT ADJACENT TO PUBLIC RIGHT-OF-WAY. RIGHT-OF-WAY CROSSING 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.

UTILITY CONFLICT NOTE:

CAUTION:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POTHOLES THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 811 AND THEN POTHOLES ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT THE SURVEYOR TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH.

CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR OBTAINING PERMITS FROM THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES FOR REMOVING AND REPLACING ALL SURVEY MONUMENTATION THAT MAY BE AFFECTED BY CONSTRUCTION ACTIVITY, PURSUANT TO WAC 332-120. APPLICATIONS MUST BE COMPLETED BY A REGISTERED LAND SURVEYOR. APPLICATIONS FOR PERMITS TO REMOVE MONUMENTS MAY BE OBTAINED FROM THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES, OR BY CONTACTING THEIR OFFICE BY TELEPHONE AT (206) 902-1190

WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES
PUBLIC LAND SURVEY OFFICE
1111 WASHINGTON STREET S.E.
P.O. BOX 47060
OLYMPIA, WASHINGTON 98504-7060

UPON COMPLETION OF CONSTRUCTION, ALL MONUMENTS DISPLACED, REMOVED, OR DESTROYED SHALL BE REPLACED BY A REGISTERED LAND SURVEYOR, AT THE COST AND AT THE DIRECTION OF THE CONTRACTOR, PURSUANT TO THESE REGULATIONS. THE APPROPRIATE FORMS FOR REPLACEMENT OF SAID MONUMENTATION SHALL ALSO BE RESPONSIBILITY OF THE CONTRACTOR.

Add:
-City Standard Stormwater Notes.
-City Standard Sewer Notes.
-City Standard Water Notes (for Fire)
-City Standard Grading & Sedimentation Notes.
(Plans, Sheet C0.00)

Layout Cover Sheet in accordance with City Standards Section 2.0 General Plan Requirements. (Plans, Sheet C0.00)

Add City Engineering approval block to each sheet. (Plans, Sheet C0.00)

APPROVED

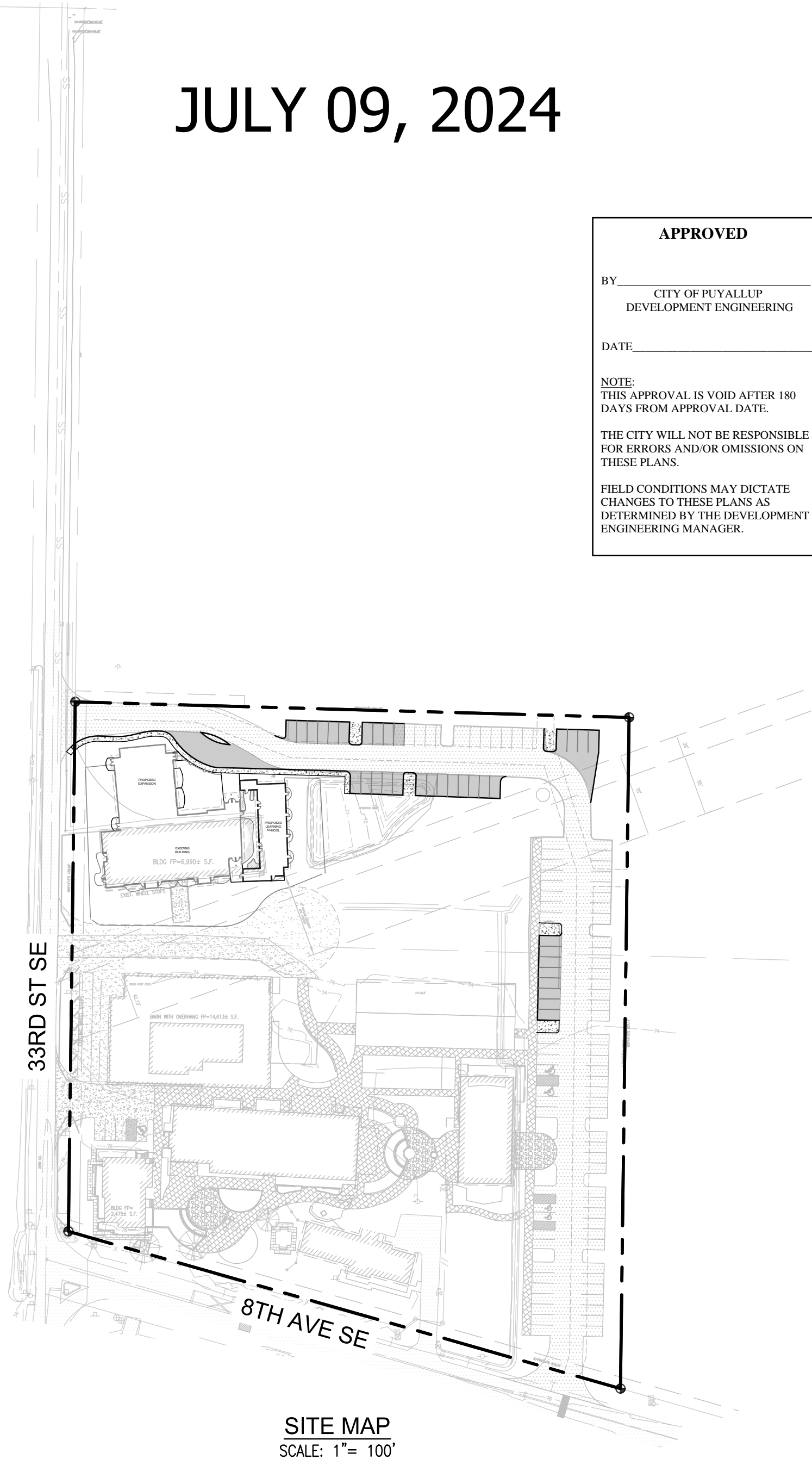
BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE _____

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

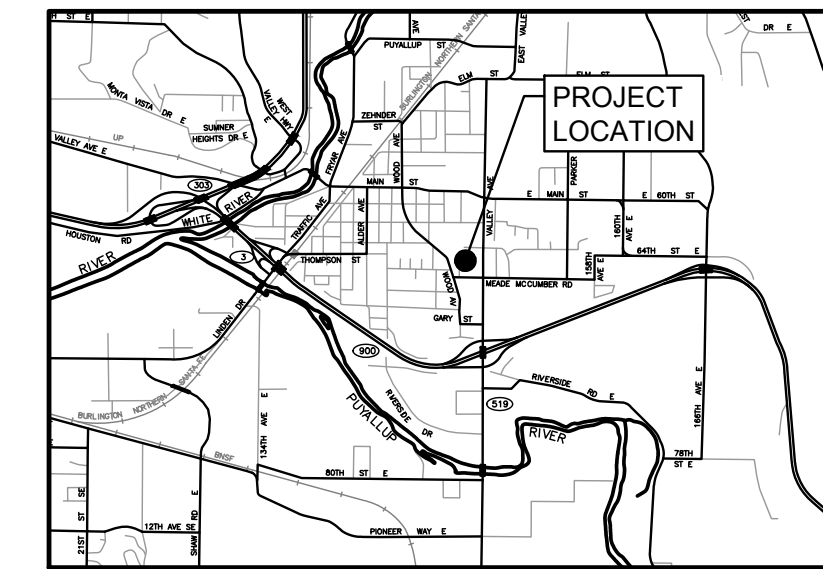
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.

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



SITE MAP
SCALE: 1"= 100'

1st Review
PRCCP20241109
August 2024



VICINITY MAP
SCALE: N.T.S.

OWNER/APPLICANT:
STEP BY STEP
3303 8TH AVE SE, BLDG E
WOODINVILLE, WA 98372
CONTACT: JEFFREY E. BROWN
PHONE: (253) 606-8324
EMAIL: jeff@jeffbrowncarchitecture.com

SURVEYOR:
BARGHAUSEN CONSULTING ENGINEERS, INC.
18215 72ND AVENUE SOUTH
KENT, WA 98032
CONTACT: DANIEL K. BALMELLI
PHONE: (425) 251-8782
EMAIL:

CIVIL ENGINEER:
CECIL & ASSOCIATES, LLC
PO BOX 598
BOTHELL, WA 98011
CONTACT: ROGER CECIL, P.E.
PHONE: (206) 484-3495
EMAIL: roger@cecilnassoc.com

CERTIFIED EROSION & SEDIMENT CONTROL LEAD:
ROGER J. CECIL, P.E. (#81494)
CECIL & ASSOCIATES, LLC
PO BOX 598
BOTHELL, WA 98041
PHONE: (206) 484-3495

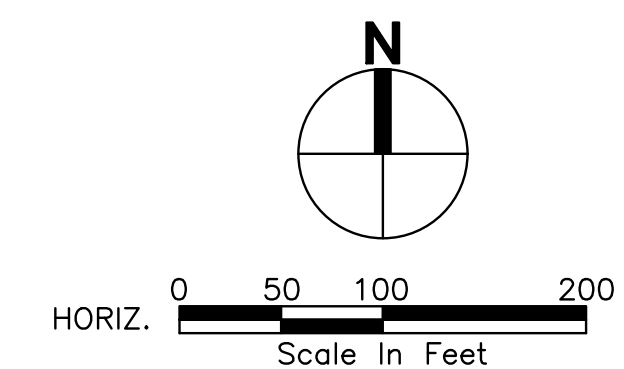
LEGEND

- PROPERTY LINE
- EASEMENT LINE
- SETBACK LINE
- ROAD CENTERLINE
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT

ABBREVIATIONS

- BSBL = BUILDING SETBACK LINE
- FF = FINISHED FLOOR (ELEVATION)
- DS = DOWNSPOUT
- SDCO = STORM DRAIN CLEANOUT
- BLDG = BUILDING

SHEET NUMBER	SHEET TITLE
C0.00	COVER SHEET
C1.00	EXISTING CONDITIONS
C2.01	OVERALL SITE PLAN
C3.01	DEMOLITION & TESC PLAN
C3.10	TESC NOTES & DETAILS
C4.01	SITE LAYOUT & PAVING PLAN
C5.01	GRADING & DRAINAGE PLAN
C5.02	OFF-SITE STORM EXTENSION PLAN & PROFILE
C5.10	STORM DRAINAGE DETAILS
C6.01	UTILITY PLAN
C6.10	UTILITY DETAILS



**CALL BEFORE
YOU DIG 811**
UNDERGROUND SERVICE (USA)

REVISIONS No. Description 1 CIVIL PERMIT APPLICATION 07/09/2024 Date	21-L-003 Project No. PFA Drawn By RJC Designed By RJC Approved By 06/18/2024 Date		<p>PO BOX 598 BOTHELL, WA 98011 (206) 484-3495 www.cecilnassoc.com</p>	CLIENT STEP BY STEP FAMILY SUPPORT CENTER 3303 8TH AVENUE SE #A PUYALLUP, WA 98372 CONTACT JEFFREY E. BROWN, AIA	STEP BY STEP EARLY LEARNING CENTER COVER SHEET	C0.00
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PORTION OF THE SW 1/4, SW 1/4, SEC. 25, TWP 20 N., R. 4 E., W.M.

SURVEY INFORMATION:

HORIZONTAL DATUM:
 HORIZONTAL DATUM FOR THIS SURVEY IS NAD 83/91 PER WSDOT. WSDOT MONUMENT ID NO. 2207 WAS HELD FOR POSITION, AND A LINE BETWEEN SAID POINT 2207 AND WSDOT MONUMENT ID NO. 4773 WAS HELD FOR ROTATION, BEING SOUTH 87°21'52" WEST.

VERTICAL DATUM:
 VERTICAL DATUM FOR THIS SURVEY IS NAVD88 PER WSDOT. WSDOT MONUMENT ID NO. 3851 WAS HELD FOR ELEVATION, BEING 79.419'(NAVD88)

DATES OF SURVEY:
 FIELD SURVEY BY BARGHAUSEN CONSULTING ENGINEERS, INC. CONDUCTED IN OCTOBER, 2016. ALL MONUMENTS SHOWN AS FOUND WERE VISITED AT THAT TIME, UNLESS OTHERWISE NOTED.

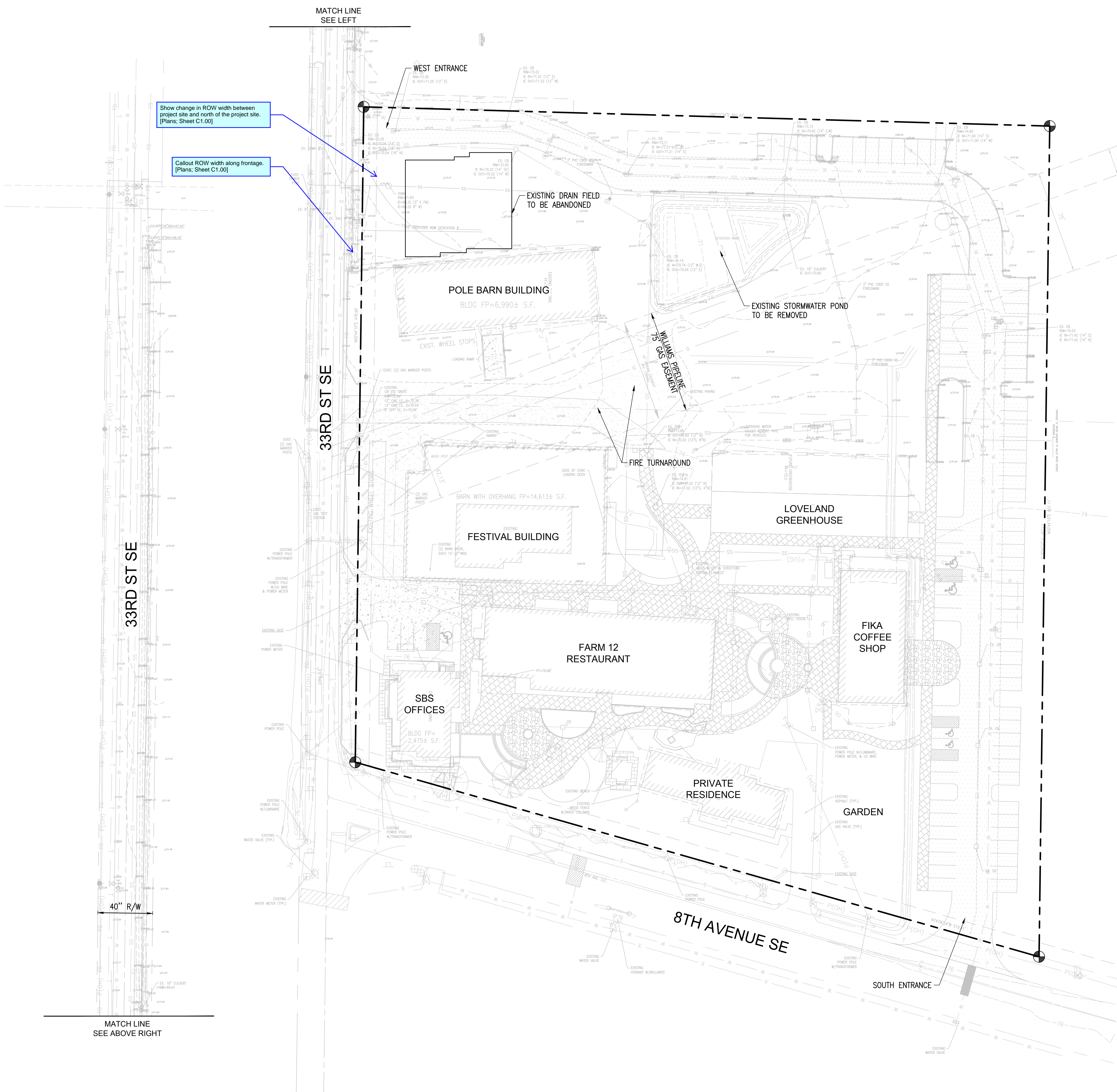
GROSS LOT AREA:
 LOT AREA = 272,265± S.F. (6.250± ACRES)

SURVEYOR'S NOTES:
 1. ALL DISTANCES SHOWN HEREON ARE IN U.S. SURVEY FEET

LEGAL DESCRIPTION:
 THAT PORTION OF THE WEST ONE-THIRD OF THE SOUTH HALF OF THE SOUTHWEST QUARTER OF SECTION 25, TOWNSHIP 20 NORTH, RANGE 4 EAST, WILLAMETTE MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE INTERSECTION OF THE EAST LINE OF SAID WEST ONE-THIRD OF THE SOUTH HALF AND THE NORTH MARGIN OF BOTH STREET EAST;
 THENCE NORTH 88°40'46" WEST, 49.23 FEET ALONG SAID NORTH MARGIN TO AN ANGLE POINT;
 THENCE NORTH 74°06'46" WEST, 333.37 FEET ALONG SAID NORTH MARGIN TO THE TRUE POINT OF BEGINNING;
 THENCE NORTH 07°44'18" EAST, 607.11 FEET;
 THENCE NORTH 88°23'27" WEST, 501.42 FEET TO THE EAST MARGIN OF 134TH AVENUE EAST;
 THENCE SOUTH 07°44'18" WEST, 478.99 FEET ALONG SAID EAST MARGIN TO SAID NORTH MARGIN;
 THENCE SOUTH 74°06'46" EAST, 519.41 FEET ALONG SAID NORTH MARGIN TO THE TRUE POINT OF BEGINNING.

(LOT 2 OF CITY OF PUYALLUP BLA NO. P-15-0101,
 AUDITOR'S FILE NUMBER 201512245001, RECORDS OF PIERCE COUNTY, WASHINGTON)



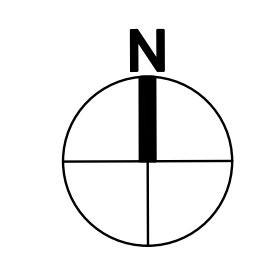
Show change in ROW width between project site and north of the project site. [Plans, Sheet C1.00]

Callout ROW width along frontage. [Plans, Sheet C1.00]

LEGEND

- (NOTE: NOT ALL SYMBOLS MAY APPEAR ON THE MAP)
- SURVEY MONUMENT (AS NOTED)
 - POWER METER
 - POWER POLE
 - JUNCTION BOX (AS NOTED)
 - CATCH BASIN (CB)
 - STORM MANHOLE (SDMH)
 - SANITARY SEWER MANHOLE (SSMH)
 - CLEANOUT (AS NOTED)
 - GAS METER
 - GAS VALVE
 - WATER VALVE (WV)
 - FAUCET
 - FIRE HYDRANT(FH) / CONNECTION(FDC)
 - WATER MANHOLE
 - WATER METER
 - BLOW-OFF / AIRVAC
 - MONITOR WELL
 - SIGN
 - IRRIGATION SPRINKLER
 - HANDICAP
 - CHAIN LINK FENCE
 - WOOD FENCE
 - HOGWIRE FENCE
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 - STORM LINE
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 - DECIDUOUS TREE
 - CONIFEROUS TREE
 - CONCRETE
 - GRAVEL/SAND (AS NOTED)
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 - BUILDING LINE

- ABBREVIATIONS**
- (R#) REFERENCE SURVEYS
 - (UG) OVERHEAD
 - (TYP) UNDERGROUND
 - (C) TYPICAL
 - (M) CALCULATED
 - (M) MEASURED



HORIZ. 0 20 40 80
 Scale In Feet

REVISIONS	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 5%;">No.</th> <th style="width: 85%;">Description</th> <th style="width: 10%;">Date</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	No.	Description	Date			
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21-003	Project No. _____ PFA _____ Drawn By RJC Designed By RJC Approved By RJC Date 06/18/2024						
	P.O. BOX 598 BOWEN, WA 98011 (206) 484-3495 www.ceclinasoc.com						
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STEP BY STEP EARLY LEARNING CENTER	JEFFREY E. BROWN, AIA CONTACT						
EXISTING CONDITIONS	C1.00						

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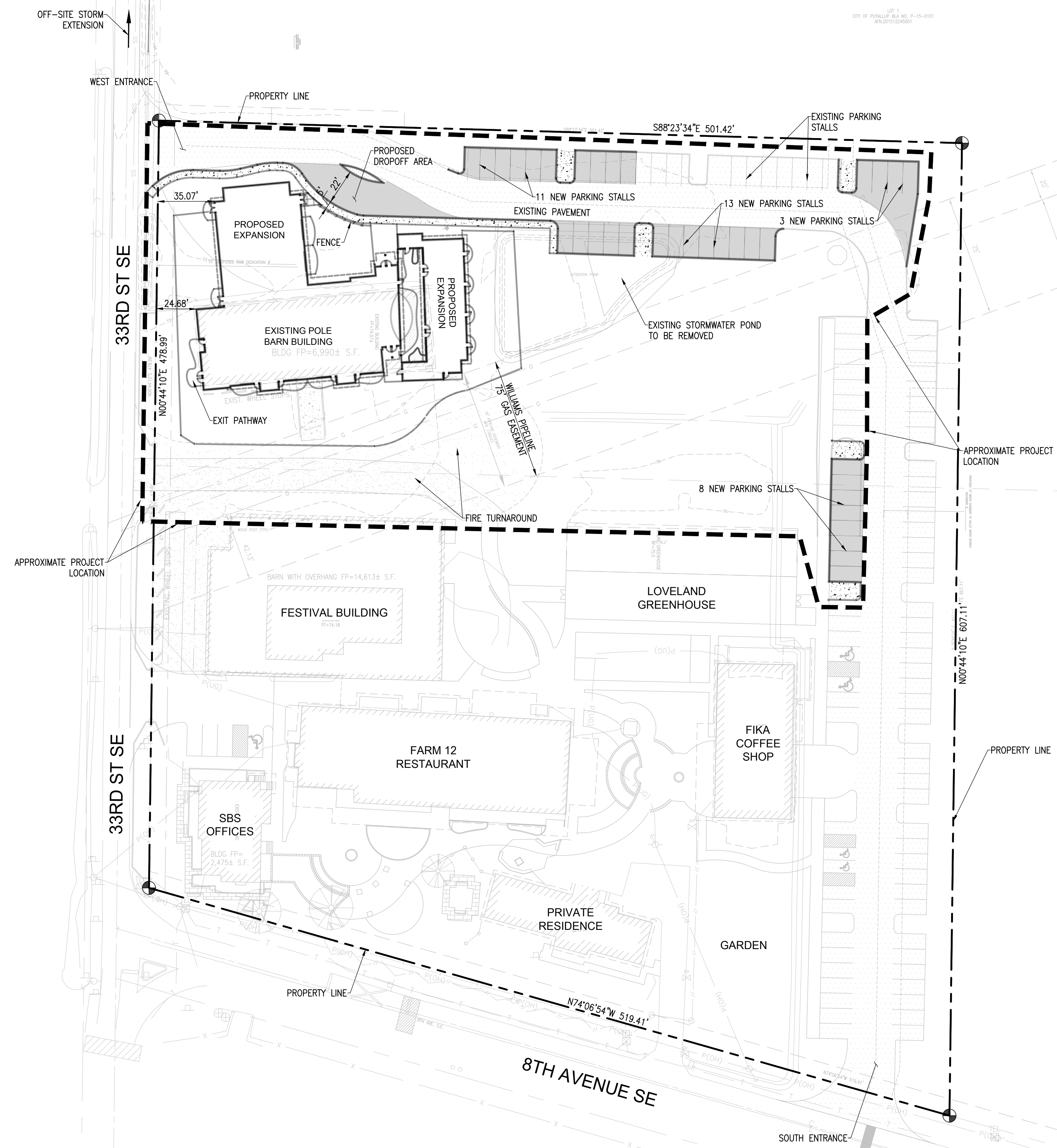
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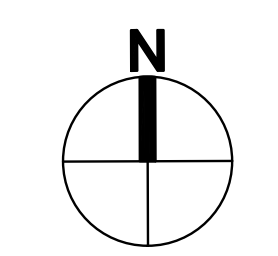
(LOT 2 OF CITY OF PUYALLUP B/LA NO. P-15-0101,
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- (R#) REFERENCE SURVEYS
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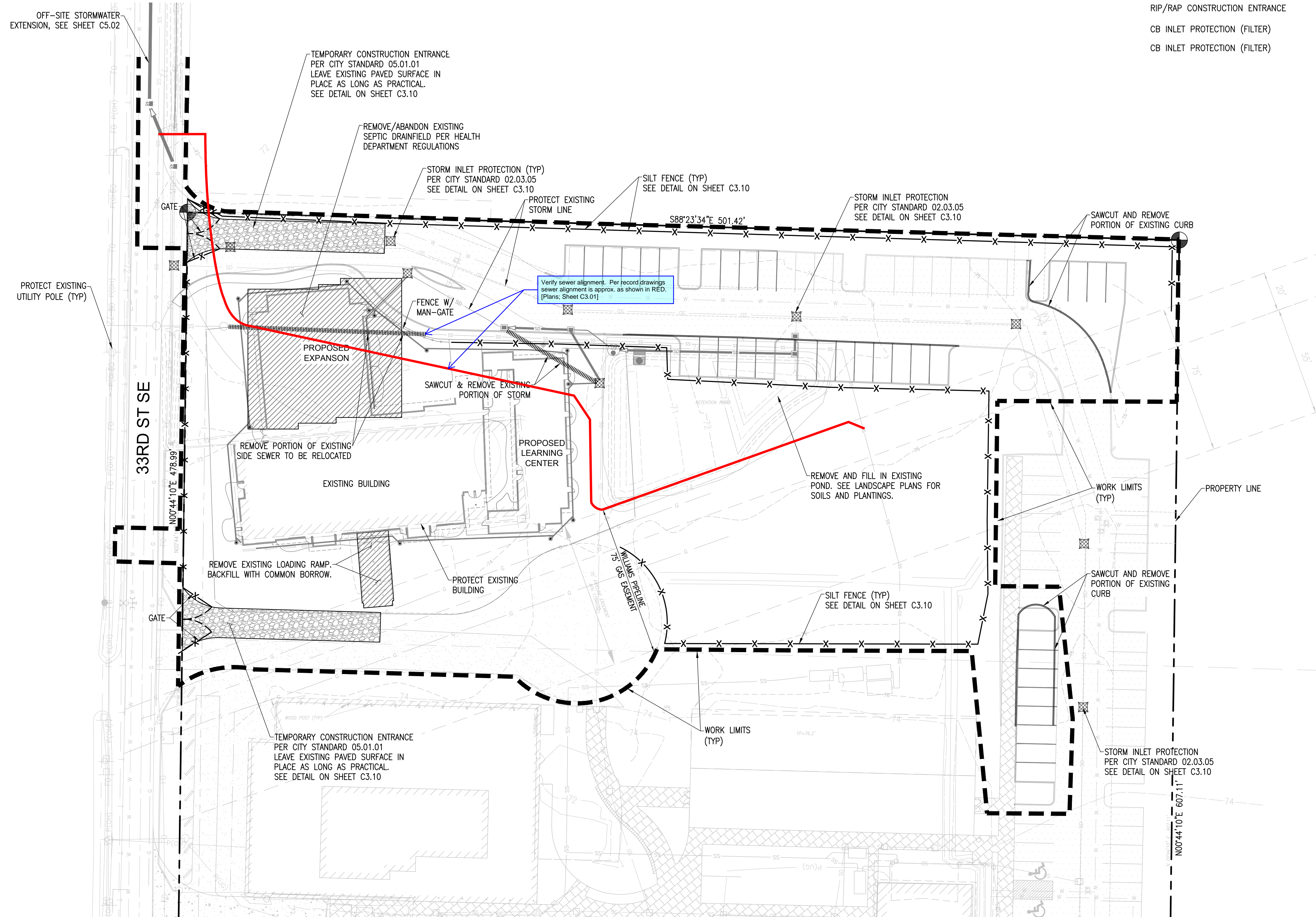
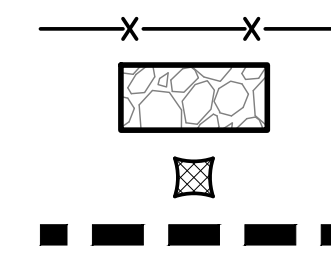


HORIZ. 0 20 40 80
 Scale In Feet

<p>21-L-003 Project No. PFA Drawn By RJC Designed By RJC Approved By 06/18/2024 Date</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Description</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No.	Description	Date				<p>CECIL ASSOCIATES P.O. BOX 598 BOTHELL, WA 98011 (206) 484-3495 www.cecilassoc.com</p>	<p>CLIENT STEP BY STEP FAMILY SUPPORT CENTER 3303 8TH AVENUE SE #A PUYALLUP, WA 98372</p> <p>JEFFREY E. BROWN, AIA CONTACT</p>	<p>STEP BY STEP EARLY LEARNING CENTER</p> <p>OVERALL SITE PLAN</p>	<p>C2.01</p>
No.	Description	Date									

TESC LEGEND

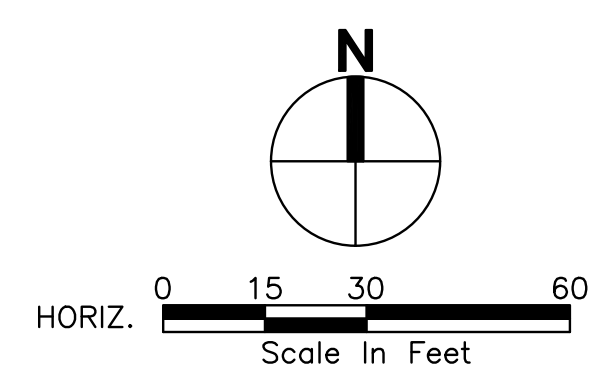
- SILT FENCE
- RIP/RAP CONSTRUCTION ENTRANCE
- CB INLET PROTECTION (FILTER)
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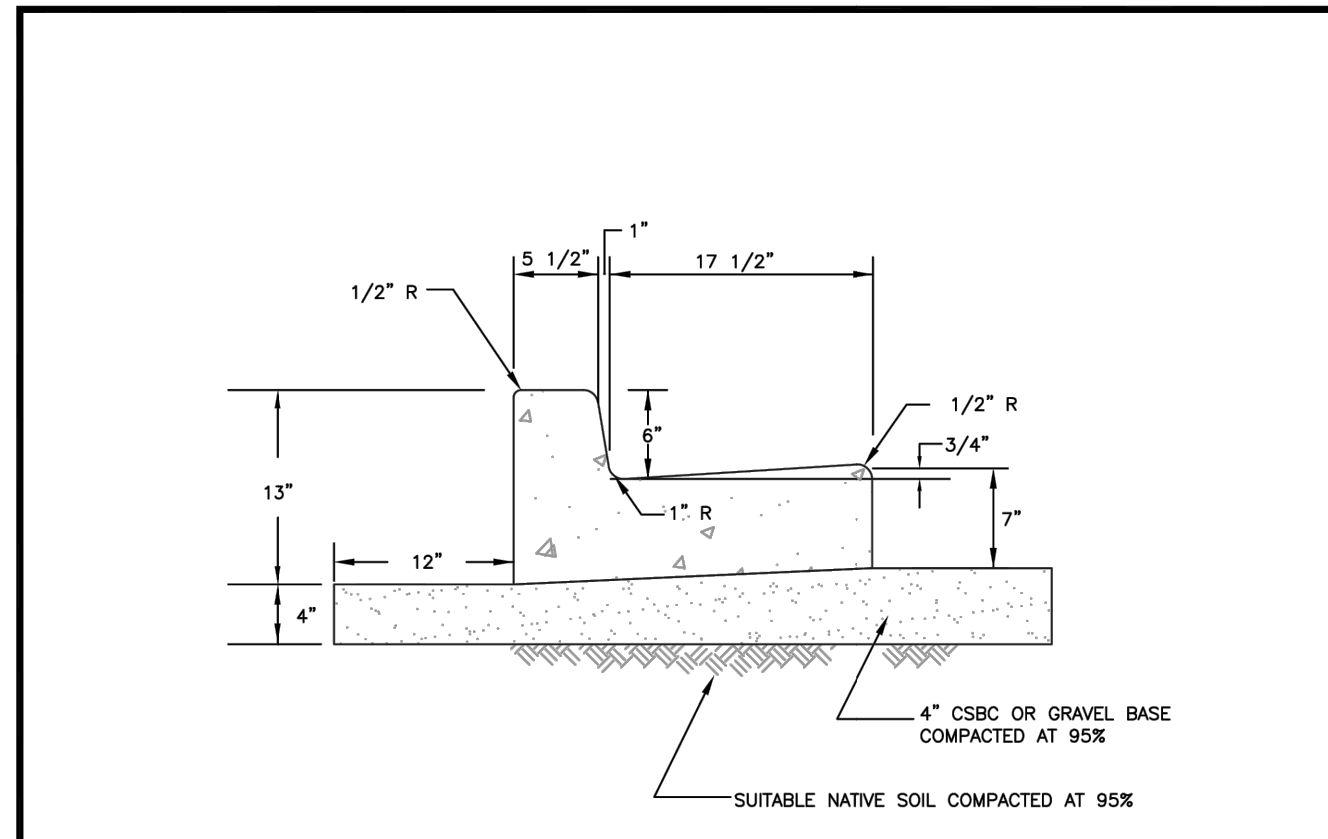
Provide Construction Sequences per City Standards Section 501.4. [Plans: Sheet C3.01]

CONSTRUCTION NOTES

1. ALL WORK IN THE PUBLIC R/W REQUIRES A ROW WORK PERMIT. CONTRACTOR TO PROVIDE TRAFFIC CONTROL AND OBTAIN REQUIRED PERMITS.
2. ALL UTILITIES SHALL BE COMPLETED REMOVED UNDER STRUCTURES (ABANDONED UTILITIES UNDERGROUND IS ONLY PERMITTED OUTSIDE THE BEARING ZONE OF STRUCTURES). THIS INCLUDES RETAINING WALLS AND FLOW CONTROL FACILITIES.
3. THE CONTRACTOR SHALL INCLUDE ALL PAVEMENT SAWCUTTING AS NECESSARY TO INSTALL UTILITY AND ROAD IMPROVEMENTS SHOWN THROUGHOUT THIS PLAN SET (TYP).
4. SEE SHEET C1.10 FOR CONSTRUCTION SEQUENCING NOTES.
4. CUTS AND FILLS SHALL BE SET BACK A MINIMUM OF TWO FEET FROM THE PROPERTY LINE UNLESS BOTH OF THE FOLLOWING ARE PROVIDED:
 - A. A CONSTRUCTION EASEMENT, WRITTEN AGREEMENT OR LETTER OF AUTHORIZATION FROM ALL OF THE AFFECTED PROPERTY OWNERS ALLOWING A SETBACK OF LESS THAN TWO FEET; AND
 - B. A SURVEY BY A LAND SURVEYOR LICENSED IN WASHINGTON STATE THAT ENSURES COMPLIANCE WITH CONSTRUCTION AND LAND DISTURBING ACTIVITY SITE PLANS PRIOR TO CONSTRUCTION OF CUT, FILL, ROCKERY, OR A RETAINING WALL PROPOSED WITHIN SIX INCHES OF A PROPERTY LINE.



<p>21-003 Project No. PFA Drawn By RJC Designed By RJC Approved By 06/18/2024 Date</p>	<p>1 No. Description CIVIL PERMIT APPLICATION Date 07/09/2024</p>		<p>CECIL ASSOCIATES P.O. BOX 598 BOTHELL, WA 98011 (206) 484-3495 www.cecilassoc.com</p>	<p>CLIENT STEP BY STEP FAMILY SUPPORT CENTER 3303 8TH AVENUE SE #A PUYALLUP, WA 98372</p> <p>CONTACT JEFFREY E. BROWN, AIA</p>	<p>STEP BY STEP EARLY LEARNING CENTER DEMOLITION & TESC PLAN</p>	<p>C3.01</p>
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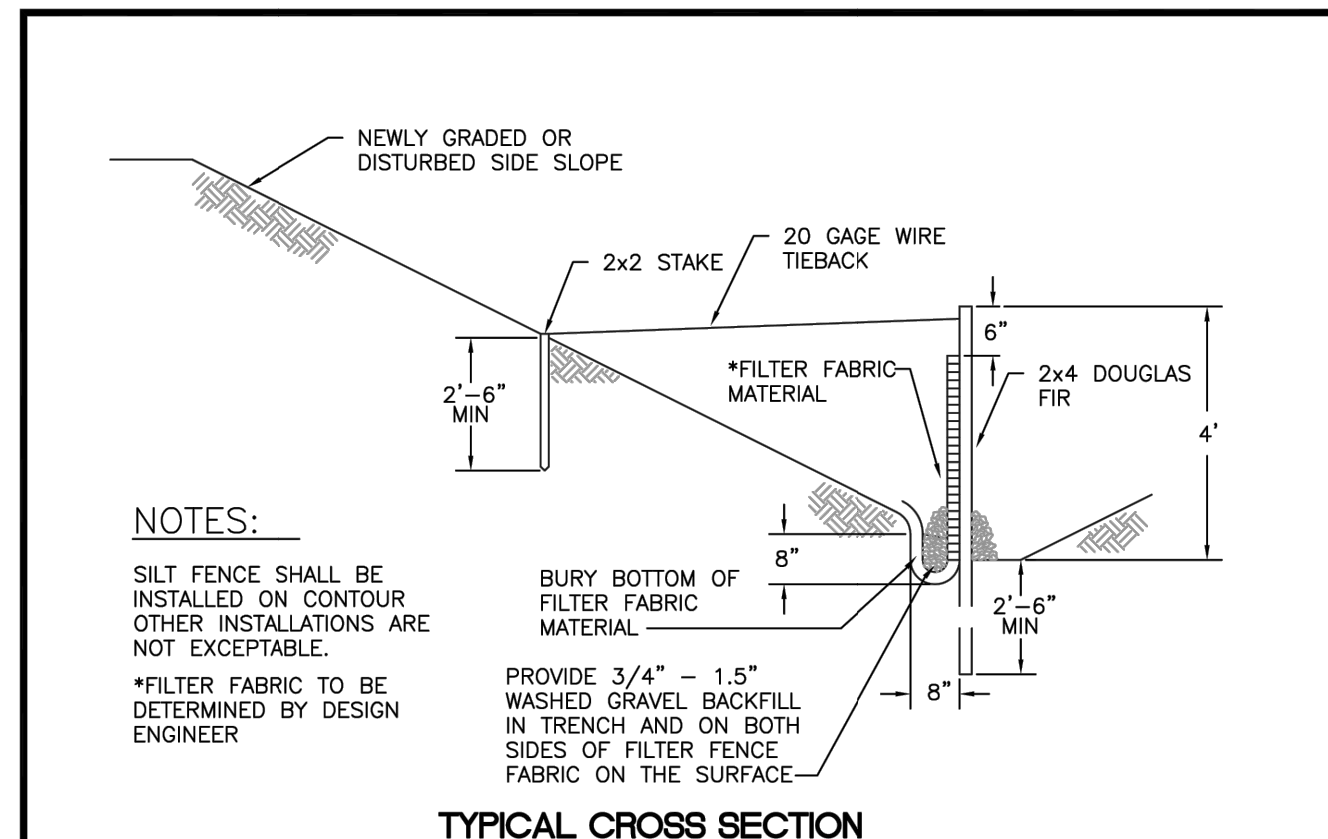


- NOTES:**
- CONTRACTION JOINTS SHALL BE 3/8" x 2 1/4" ASPHALT SATURATED FELT PLACED IN ALL EXPOSED SURFACES OF CURB AND GUTTER AND SPACED AT 15' MAX. 10' MIN. O.C.
 - THRU JOINTS SHALL BE 3/8" ASPHALT SATURATED FELT PLACED AT POINTS OF TANGENCY ON CURVES, AT CATCH BASINS, AND AT EDGES OF ALLEY AND DRIVEWAYS. THE MAXIMUM DISTANCE BETWEEN THRU JOINTS SHALL BE 100'.
 - CONCRETE SHALL BE CLASS 3000 COMMERCIAL CONCRETE, 5.5 SACK MINIMUM, AASHTO GRADING 467 COARSE AGGREGATE, NO FLY ASH.
 - FORMS SHALL BE STEEL UNLESS PRIOR APPROVAL IS GIVEN BY THE CITY ENGINEER. FORMS SHALL BE SET TRUE TO LINE AND GRADE AND SECURELY STAKED PRIOR TO CONCRETE PLACEMENT. FULL DEPTH DIVISION PLATES ARE ONLY TO BE USED WHERE THRU JOINTS ARE TO BE PLACED.
 - THE 1" RADIUS ON THE UPPER FACE OF THE CURB MAY BE FORMED BY AN EDGER TOOL OR BUILT INTO THE FACE FORM. THE 1" RADIUS AT THE BOTTOM FACE OF THE CURB SHALL BE FORMED BY THE FACE FORM.

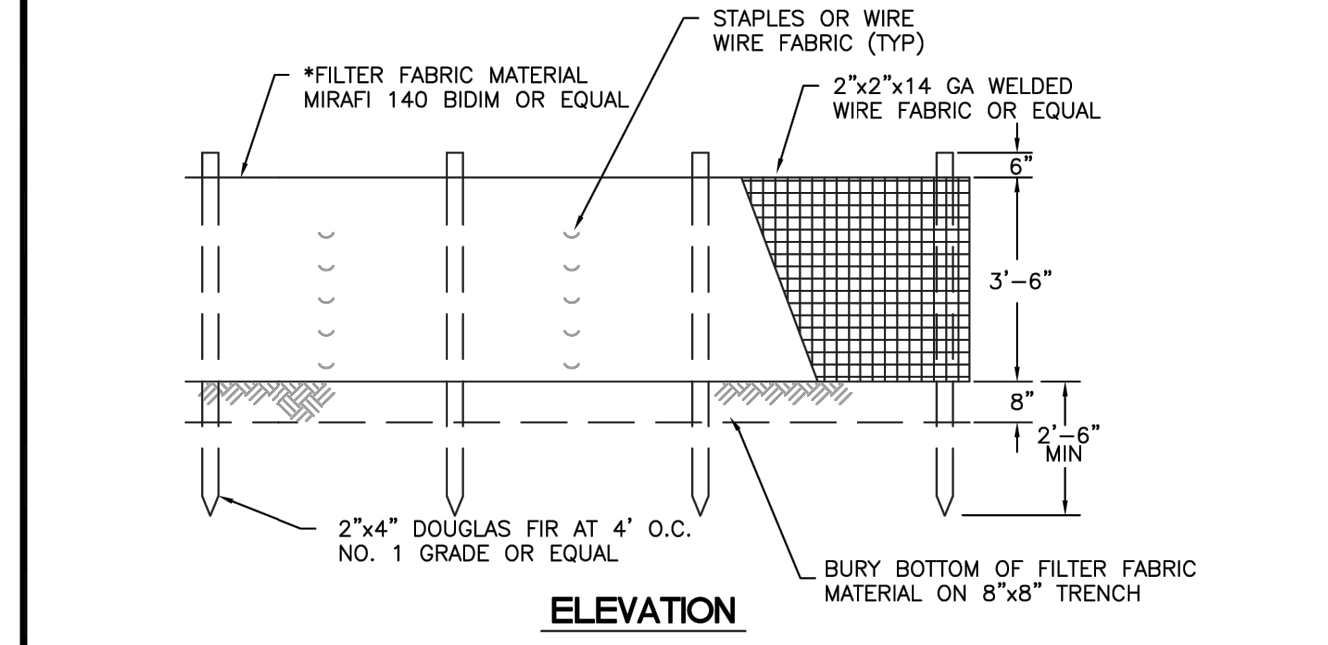
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

CURB AND GUTTER

DESIGNED BY	CHECKED BY	APPROVED BY	DATE	CITY
JIM LEWIS-SYBORDA	LINDA LIAN	COLLEEN HARRIS	02/03/02	STANDARD
FILE NAME	DATE APPROVED	SCALE		
P:\PROJECTS\2002\020301\STRA.DWG	02/03/02	1:1	02.03.02	



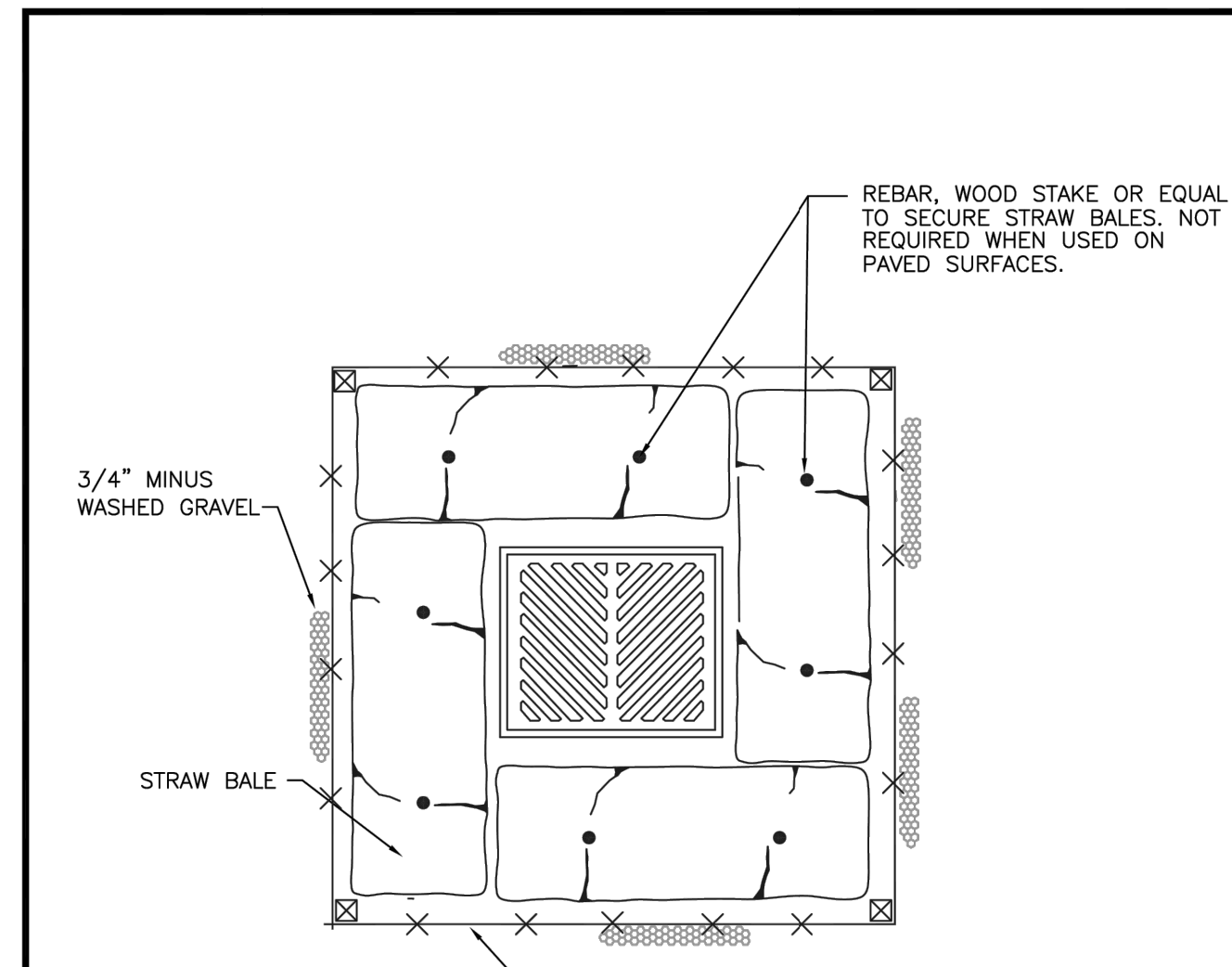
- NOTES:**
- SILT FENCE SHALL BE INSTALLED ON CONTOUR OTHER INSTALLATIONS ARE NOT EXCEPTABLE.
 - *FILTER FABRIC TO BE DETERMINED BY DESIGN ENGINEER
 - PROVIDE 3/4" - 1.5" WASHED GRAVEL BACKFILL IN TRENCH AND ON BOTH SIDES OF FILTER FABRIC ON THE SURFACE



CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

SILTATION FENCE

DESIGNED BY	CHECKED BY	APPROVED BY	DATE	CITY
JIM LEWIS-SYBORDA	LINDA LIAN	COLLEEN HARRIS	02/03/02	STANDARD
FILE NAME	DATE APPROVED	SCALE		
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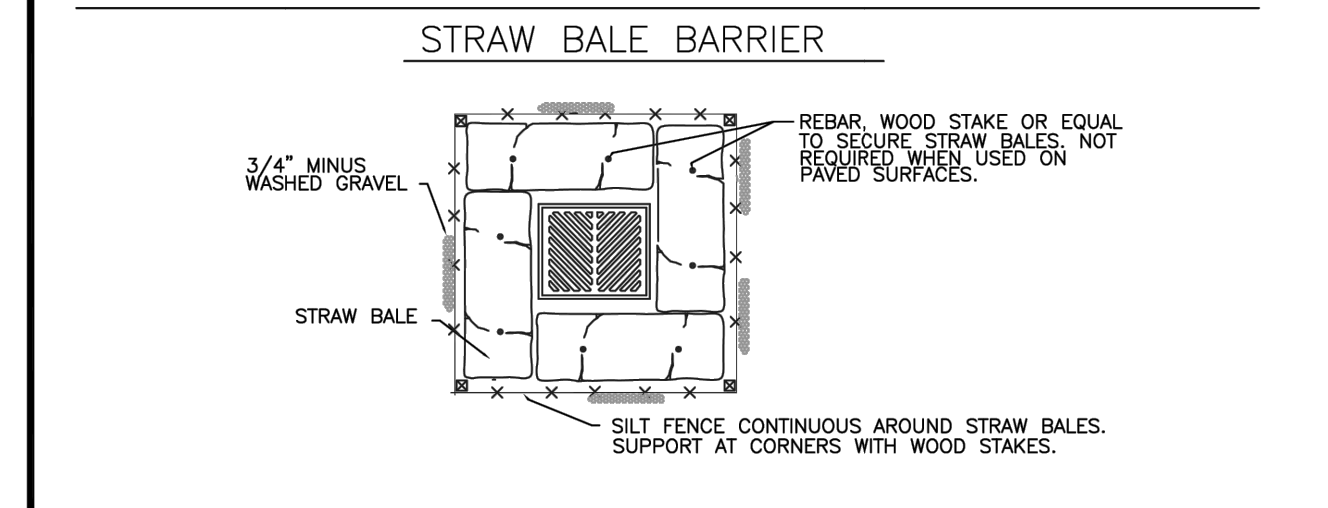
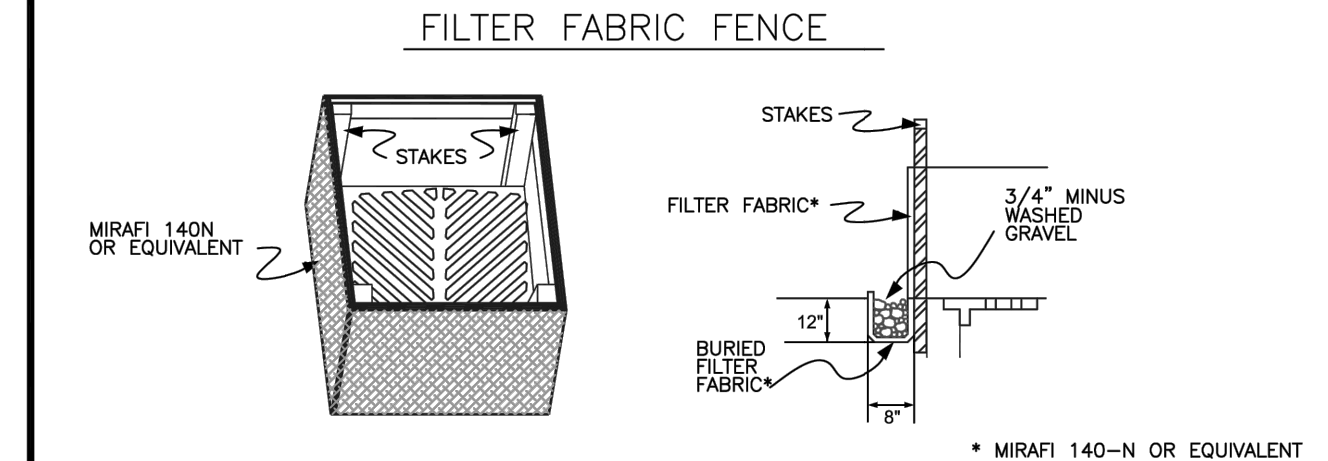
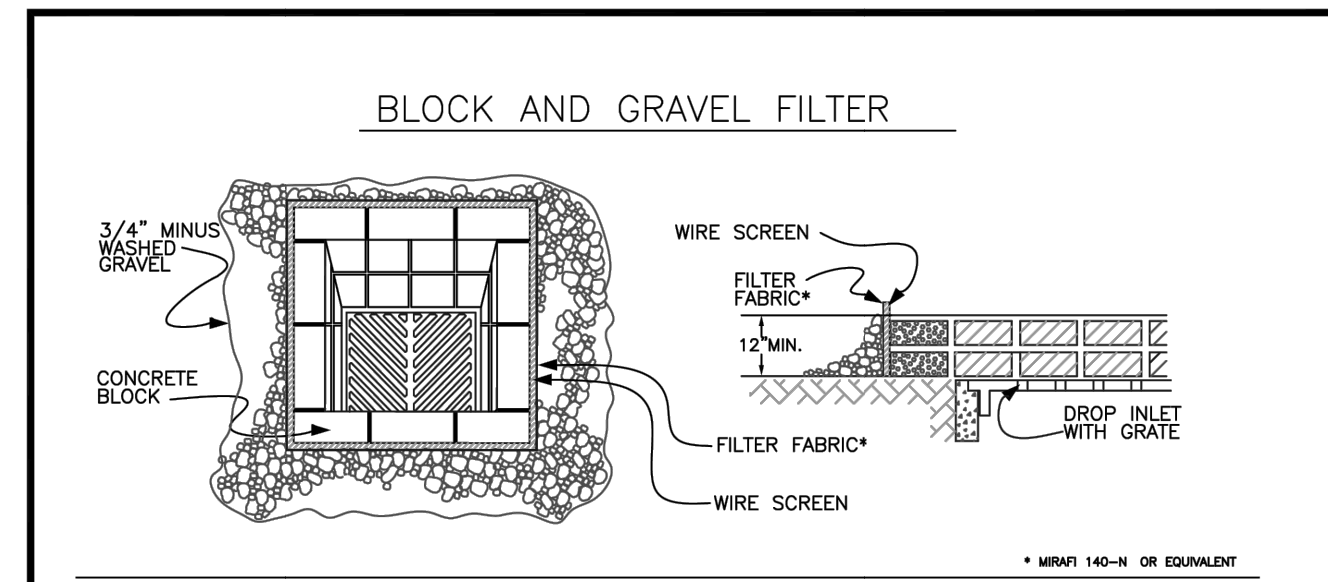


- NOTES:**
- REBAR, WOOD STAKE OR EQUAL TO SECURE STRAW BALES. NOT REQUIRED WHEN USED ON PAVED SURFACES.
 - SILT FENCE CONTINUOUS AROUND STRAW BALES. SUPPORT AT CORNERS WITH WOOD STAKES.

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

STRAW BALE BARRIER FOR INLET

DESIGNED BY	CHECKED BY	APPROVED BY	DATE	CITY
JIM LEWIS-SYBORDA	LINDA LIAN	COLLEEN HARRIS	02/03/02	STANDARD
FILE NAME	DATE APPROVED	SCALE		
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CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

STORM DRAIN BARRIERS

DESIGNED BY	CHECKED BY	APPROVED BY	DATE	CITY
JIM LEWIS-SYBORDA	LINDA LIAN	COLLEEN HARRIS	02/03/02	STANDARD
FILE NAME	DATE APPROVED	SCALE		
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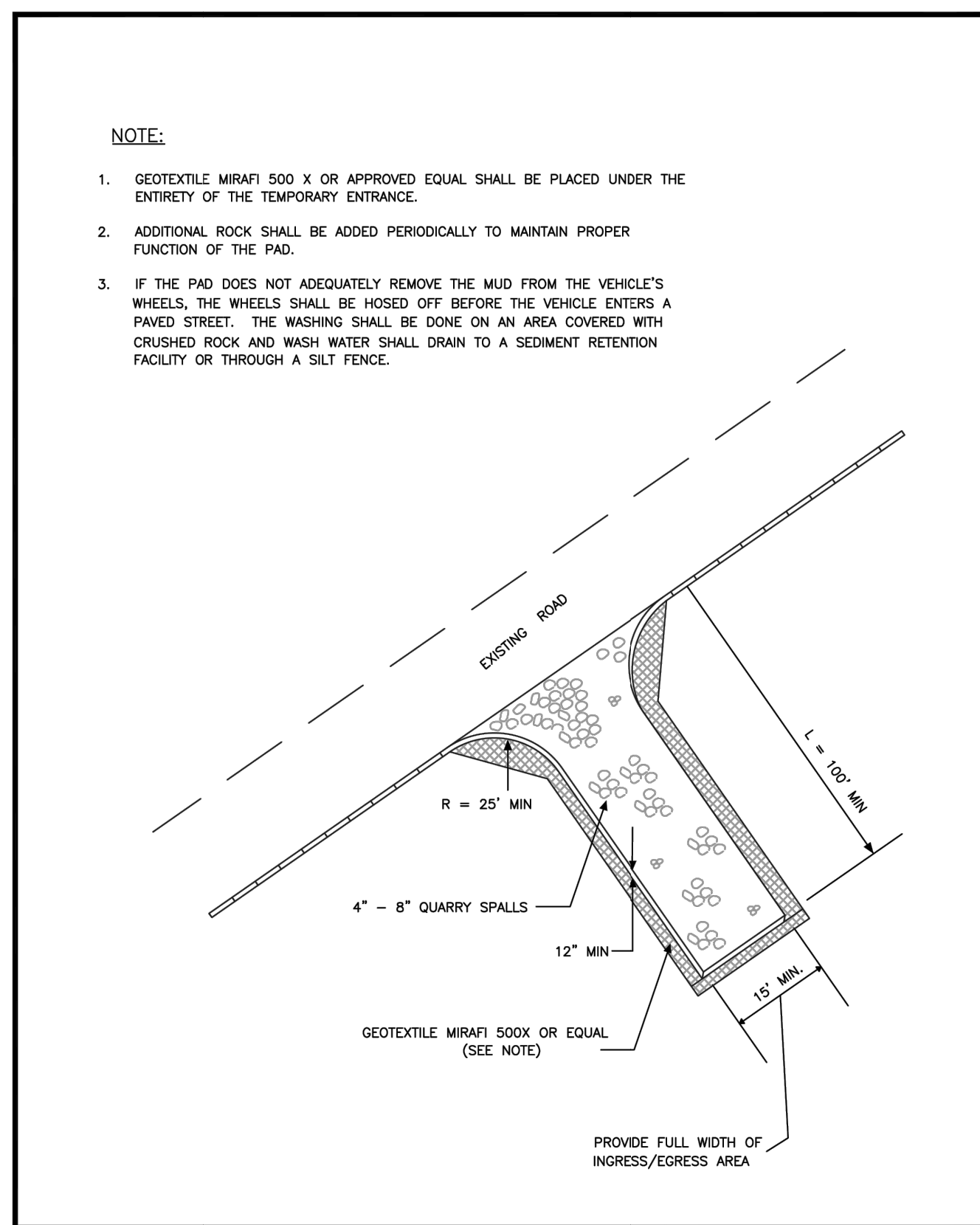
- CONDITIONS WHERE PRACTICE APPLIES**
- BLOCK AND GRAVEL FILTER - APPLICABLE FOR AREAS GREATER THAN 5% SLOPE.
 - FILTER FABRIC FENCE - APPLICABLE WHERE THE INLET DRAINS A RELATIVELY SMALL (ONE ACRE OR LESS) AND FLAT AREA (LESS THAN 5% SLOPE).
 - STRAW BALE BARRIER - APPLICABLE WHERE INLET DRAINS A RELATIVELY FLAT DISTURBED AREA (LESS THAN 5% SLOPE) IN WHICH SHEET FLOW (NOT EXCEEDING 0.5 FT/SEC) OCCURS. BARRIERS OF THIS TYPE SHOULD NOT BE PLACED AROUND INLETS RECEIVING CONCENTRATED FLOWS SUCH AS THOSE ALONG MAJOR STREETS AND HIGHWAYS.
- BLOCK AND GRAVEL FILTER - INSTALLATION PROCEDURE**
 - PLACE WIRE MESH OVER THE DROP INLET SO THAT THE WIRE EXTENDS A MINIMUM OF ONE FOOT BEYOND EACH SIDE OF THE INLET STRUCTURE. USE WIRE SCREEN WITH 1/2-INCH OPENINGS. IF MORE THAN ONE STRIP OF MESH IS NECESSARY, OVERLAP THE STRIPS. PLACE FILTER FABRIC* OVER WIRE MESH.
 - PLACE CONCRETE BLOCKS LENGTHWISE ON THEIR SIDES IN A SINGLE ROW AROUND THE PERIMETER OF THE INLET, SO THAT THE OPEN ENDS FACE OUTWARD, NOT UPWARD. THE ENDS OF ADJACENT BLOCKS SHOULD ABUT. THE HEIGHT OF THE BARRIER CAN BE VARIOUS, DEPENDING ON DESIGN NEEDS, BY STACKING COMBINATIONS OF BLOCKS THAT ARE 4-INCH, 8-INCH AND 12-INCH WIDE. THE ROW OF BLOCKS SHOULD BE AT LEAST 12-INCHES BUT NO GREATER THAN 24-INCHES HIGH.
 - PLACE WIRE SCREEN OVER THE OVERSIDE VERTICAL FACE (OPEN END) OF THE CONCRETE BLOCKS TO PREVENT STONES FROM BEING WASHED THROUGH THE BLOCKS. USE WIRE SCREEN WITH 1/2-INCH OPENINGS.
 - PILE STONES AGAINST THE WIRE MESH TO THE TOP OF THE BLOCKS. USE 3/4" MINUS WASHED GRAVEL.
 - FILTER FABRIC FENCE - INSTALLATION PROCEDURE**
 - PLACE 2-INCH BY 2-INCH WOODEN STAKES AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 3 FEET APART AND DRIVE THEM AT LEAST 8-INCHES INTO THE GROUND. THE STAKES MUST BE AT LEAST 3 FEET LONG.
 - EXCAVATE A TRENCH APPROXIMATELY 8-INCHES WIDE AND 12-INCHES DEEP AROUND THE OUTSIDE PERIMETER OF THE STAKES.
 - STAPLE THE FILTER FABRIC* TO THE WOODEN STAKES SO THAT 32-INCHES OF THE FABRIC EXTENDS AND CAN BE FORMED INTO THE TRENCH, AND USE HEAVY-DUTY WIRE STAPLES AT LEAST 1/2-INCHES LONG.
 - BACKFILL THE TRENCH WITH 3/4-INCH MINUS WASHED GRAVEL ALL THE WAY AROUND.
 - STRAW BALE BARRIER - INSTALLATION PROCEDURE**
 - EXCAVATE A 4-INCH DEEP TRENCH AROUND THE INLET. MAKE THE TRENCH AS WIDE AS A STRAW BALE.
 - ORIENT STRAW BALES WITH THE BINDINGS AROUND THE SIDES OF THE BALES RATHER THAN OVER AND UNDER THE BALES.
 - PLACE BALES LENGTHWISE AROUND THE INLET AND PRESS THE ENDS OF ADJACENT BALES SECURELY IN PLACE.
 - DRIVE TWO 2-INCH BY 2-INCH STAKES THROUGH EACH BALE TO ANCHOR THE BALE SECURELY IN PLACE.
 - BACKFILL THE EXCAVATED SOIL AND COMPACT IT AGAINST THE BALE.
 - WEDGE LOOSE STRAW BETWEEN BALES TO PREVENT WATER FROM FLOWING BETWEEN BALES.

* MIRAFI 140-N OR EQUIVALENT

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

STORM DRAIN BARRIERS NOTES

DESIGNED BY	CHECKED BY	APPROVED BY	DATE	CITY
JIM LEWIS-SYBORDA	LINDA LIAN	COLLEEN HARRIS	02/03/02	STANDARD
FILE NAME	DATE APPROVED	SCALE		
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CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

TEMPORARY CONSTRUCTION ENTRANCE

DESIGNED BY	CHECKED BY	APPROVED BY	DATE	CITY
JIM LEWIS-SYBORDA	LINDA LIAN	COLLEEN HARRIS	05/01/01	STANDARD
FILE NAME	DATE APPROVED	SCALE		
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- 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.
- 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 LADEN 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 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 ON-SITE EROSION HAS PASSED. THE IMPLEMENTATION, MAINTENANCE, REPLACEMENT, AND ADDITIONS TO THE EROSION AND SEDIMENTATION CONTROL SYSTEMS SHALL BE THE RESPONSIBILITY OF THE PERMITEE.
- 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 PERMITEE 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 PERMITEE 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 STOCKPILING OF MATERIALS OR EQUIPMENT SHALL OCCUR WITHIN CRITICAL AREAS OR ASSOCIATED BUFFERS, OR THE CRITICAL ROOT ZONE FOR VEGETATION PROPOSED FOR RETENTION.

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

GRADING, EROSION, AND SEDIMENTATION CONTROL NOTES

DESIGNED BY	CHECKED BY	APPROVED BY	DATE	CITY
JIM LEWIS-SYBORDA	LINDA LIAN	COLLEEN HARRIS	05/02/01	STANDARD
FILE NAME	DATE APPROVED	SCALE		
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Please add CB filter sock detail. (Plans: Sheet C3.10)

REVISIONS

No.	Description	Date
1	CIVIL PERMIT APPLICATION	07/09/2024

21-003
Project No. PFA
Drawn By RJC
Designed By RJC
Approved By RJC
Date 06/18/2024

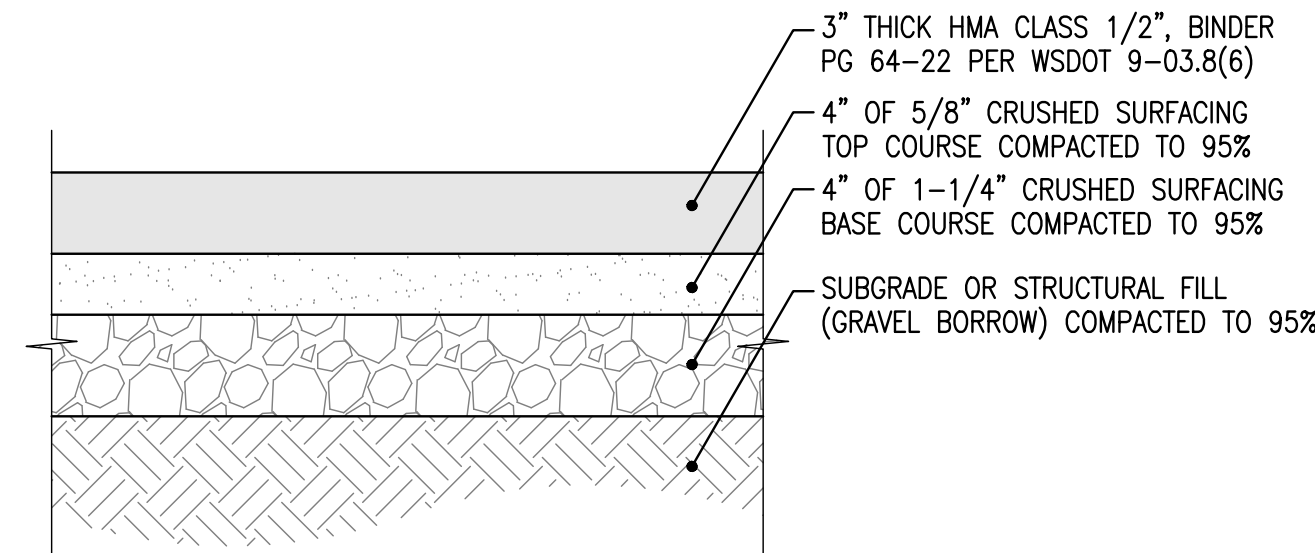
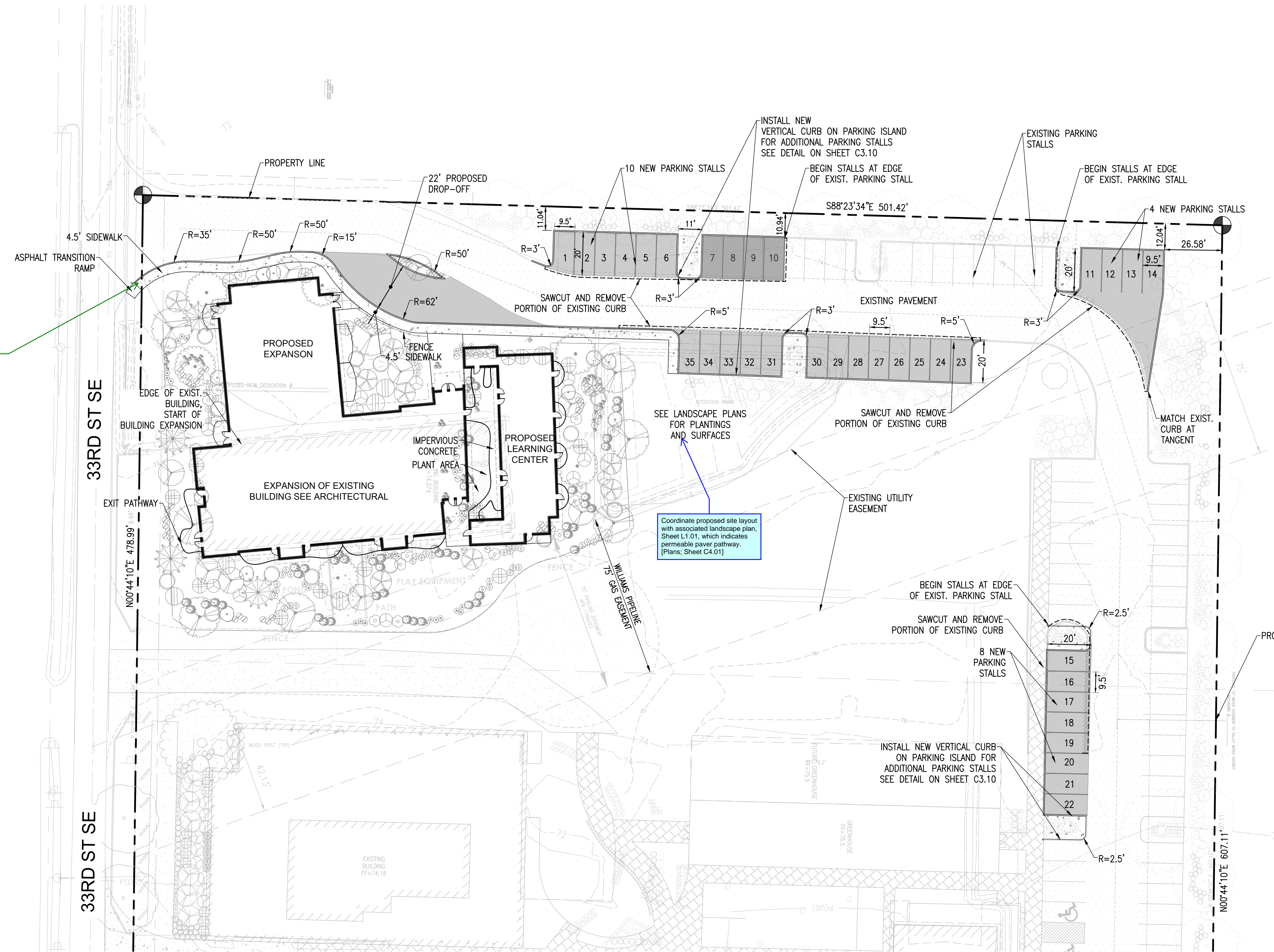
CECIL ASSOCIATES
REGISTERED PROFESSIONAL ENGINEER
STATE OF WASHINGTON
No. 4574
Exp. 12/31/2024

P.O. BOX 598 BOTHELL, WA 98011
(206) 484-3495
www.cecilassoc.com

CLIENT: STEP BY STEP EARLY LEARNING CENTER 3303 8TH AVENUE SE #A PUYALLUP, WA 98372
CONTACT: JEFFREY E. BROWN, AIA

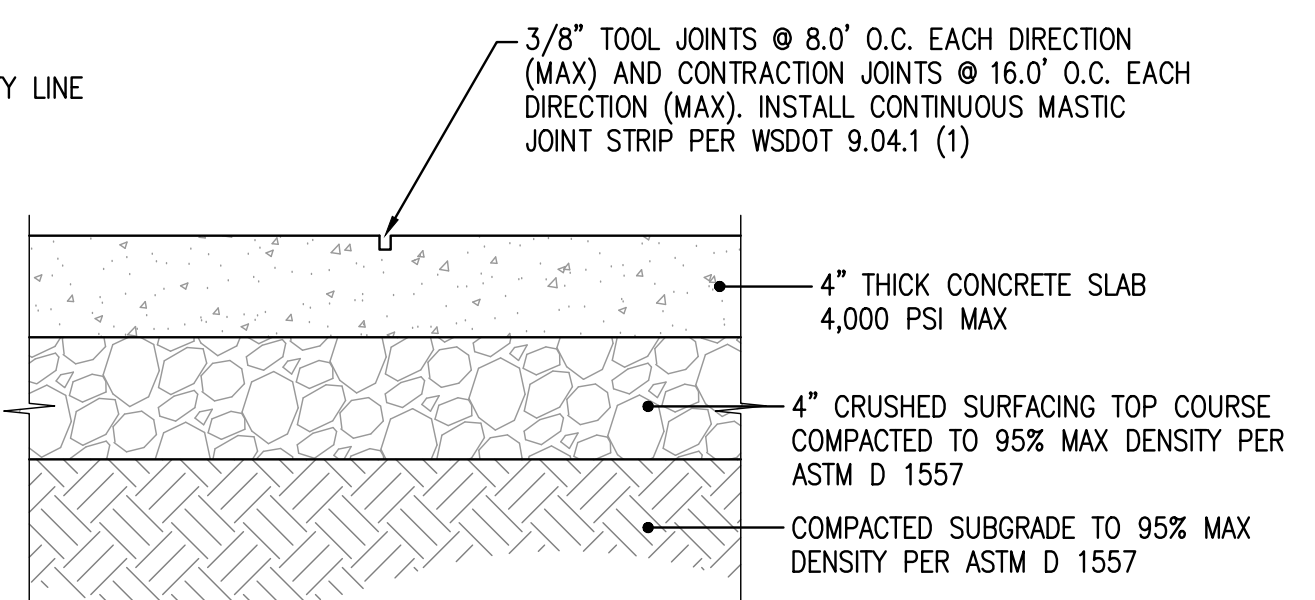
STEP BY STEP EARLY LEARNING CENTER
TESC NOTES & DETAILS

C3.10



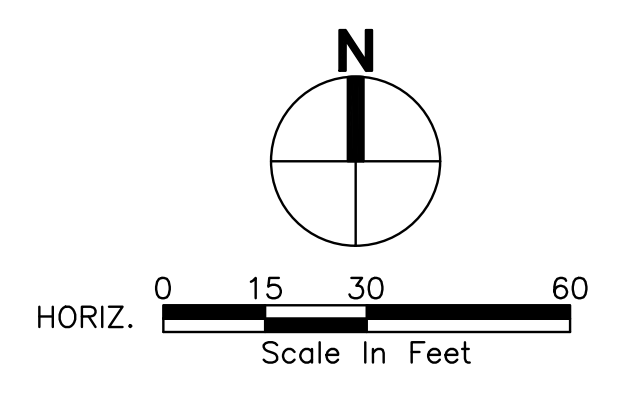
- NOTES:
1. COMPACTION SHALL BE 95% MAXIMUM DRY DENSITY PER ASTM D-1557.
 2. GRAVEL BORROW SHALL HAVE LESS THAN 5% FINES (LESS THAN 5% PASSING THE NO. 200 SEIVE).
 3. DEPENDING ON CONSTRUCTION STAGING AND CONSTRUCTION SEQUENCING ASPHALT TREATED BASE (ATB) MAY BE SUBSTITUTED FOR CRUSHED BASE COURSE MATERIAL AS FOLLOWS: 4\"/>
 - 4. IF ATB IS USED AS A WORK SURFACE ALL CRACKS AND POTHOLES SHOULD BE REPAIRED PRIOR TO INSTALLING THE FINAL LIFT OF ASPHALT.

1 ASPHALT PAVEMENT DETAIL
N.T.S.

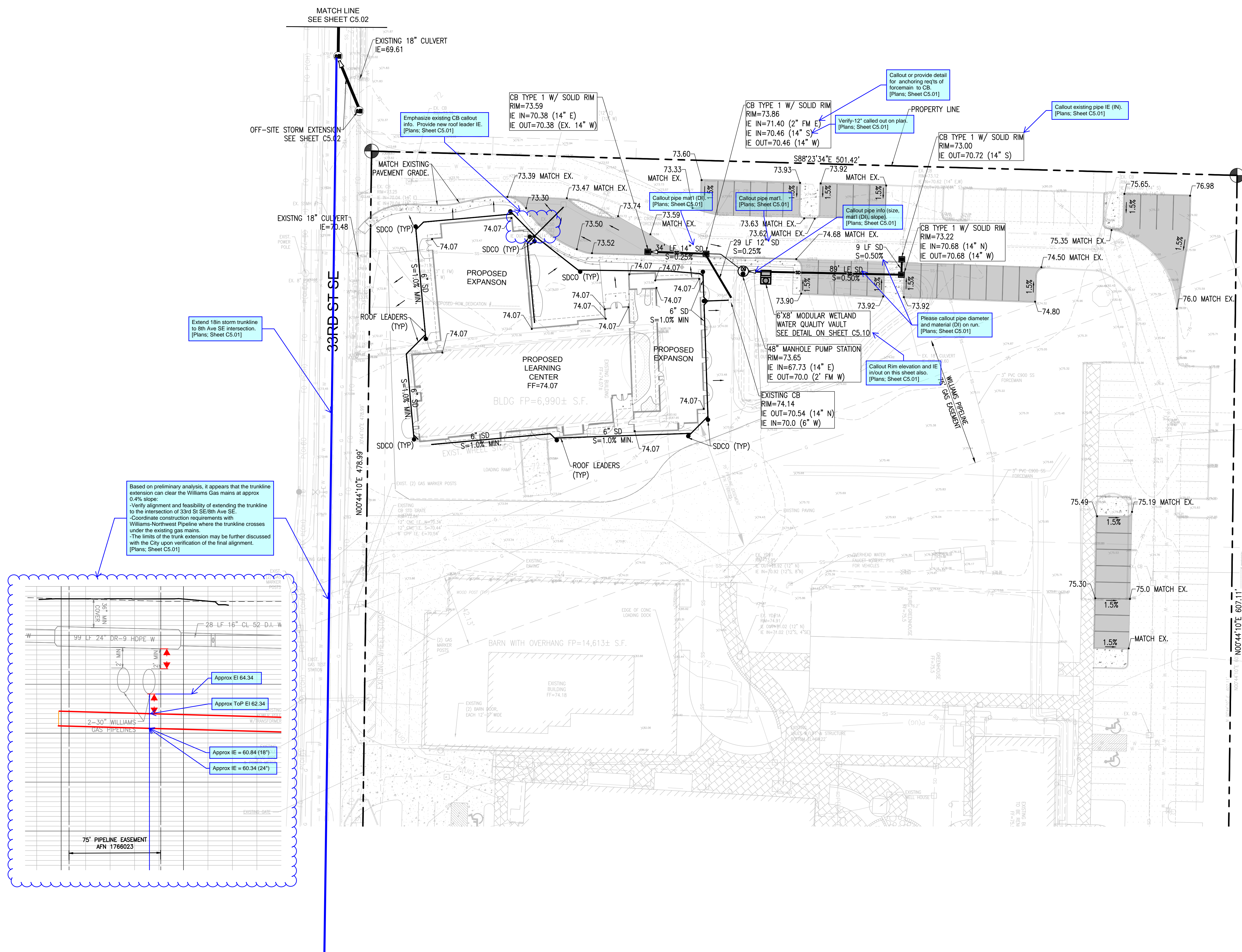


- NOTE:
1. JOINT SPACING SHALL BE AS SHOWN ABOVE OR AS DETAILED IN ARCHITECTURAL PLANS.

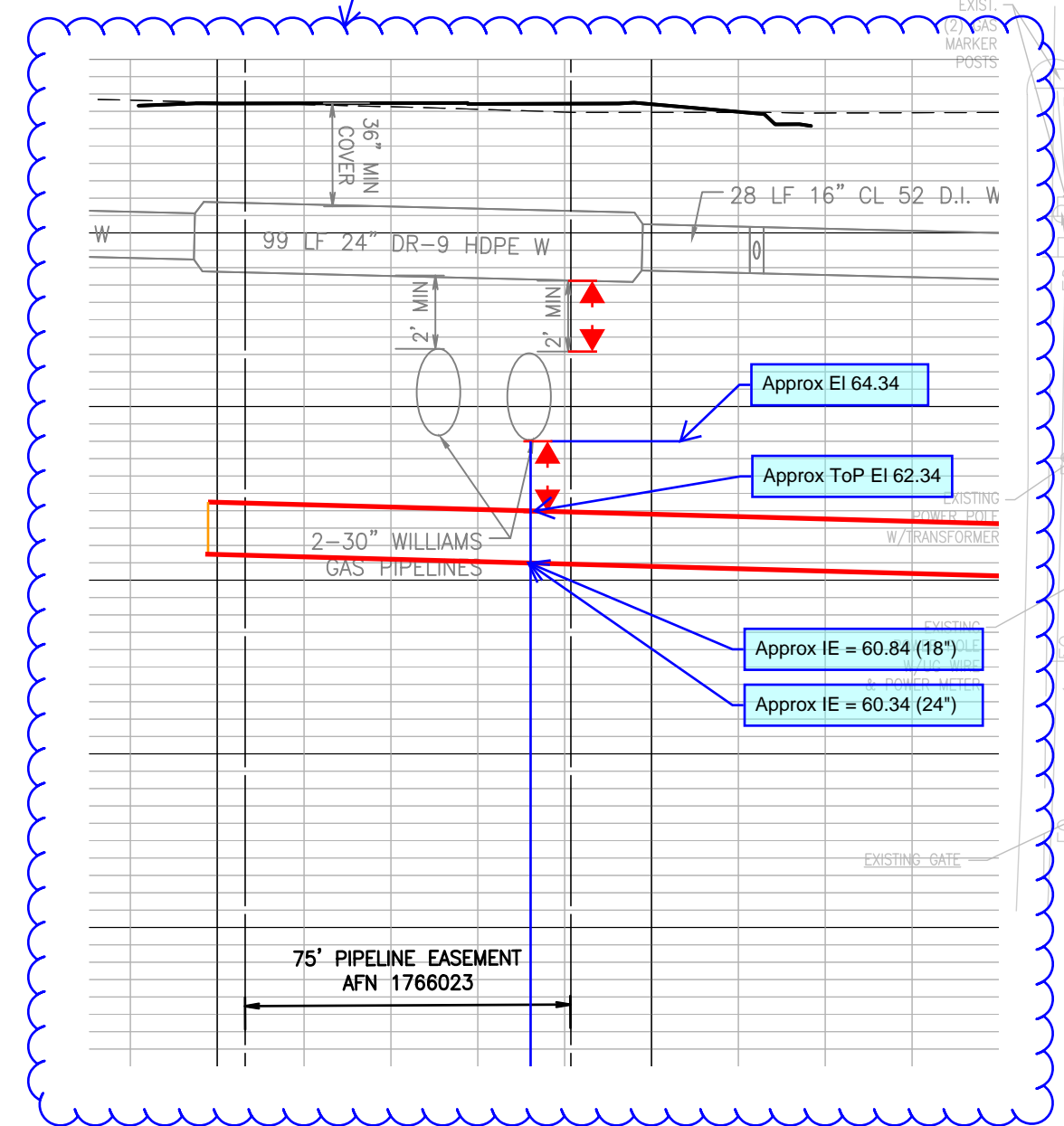
2 CONCRETE PAVEMENT DETAIL
N.T.S.



<p>REVISIONS</p> <table border="1"> <tr> <th>No.</th> <th>Description</th> <th>Date</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>		No.	Description	Date			
No.	Description	Date					
<p>21-003 Project No. PFA Drawn By RJC Designed By RJC Approved By 06/18/2024 Date</p>	<p>CIVIL PERMIT APPLICATION</p>						
<p>CECIL ASSOCIATES P.O. BOX 598 BOWEN, WA 98011 (206) 484-3495 www.cecilassoc.com</p>							
<p>CLIENT STEP BY STEP FAMILY SUPPORT CENTER 3303 8TH AVENUE SE #A PUYALLUP, WA 98372</p>	<p>CONTACT JEFFREY E. BROWN, AIA</p>						
<p>STEP BY STEP EARLY LEARNING CENTER SITE LAYOUT & PAVING PLAN</p>							
<p>C4.01</p>							



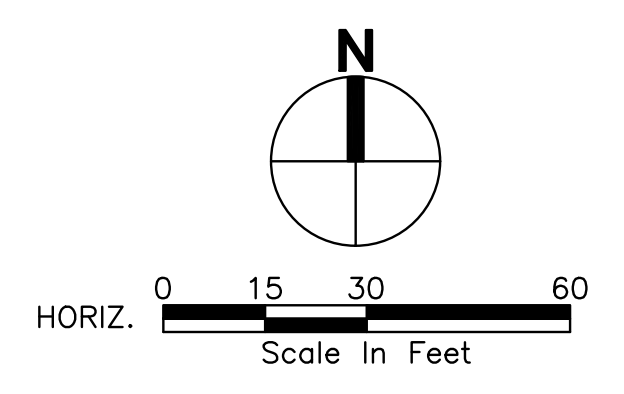
Based on preliminary analysis, it appears that the trunkline extension can clear the Williams Gas mains at approx 0.4% slope:
 -Verify alignment and feasibility of extending the trunkline to the intersection of 33rd St SE/8th Ave SE
 -Coordinate construction requirements with Williams-Northwest Pipeline where the trunkline crosses under the existing gas mains.
 -The limits of the trunk extension may be further discussed with the City upon verification of the final alignment.
 [Plans, Sheet C5.01]



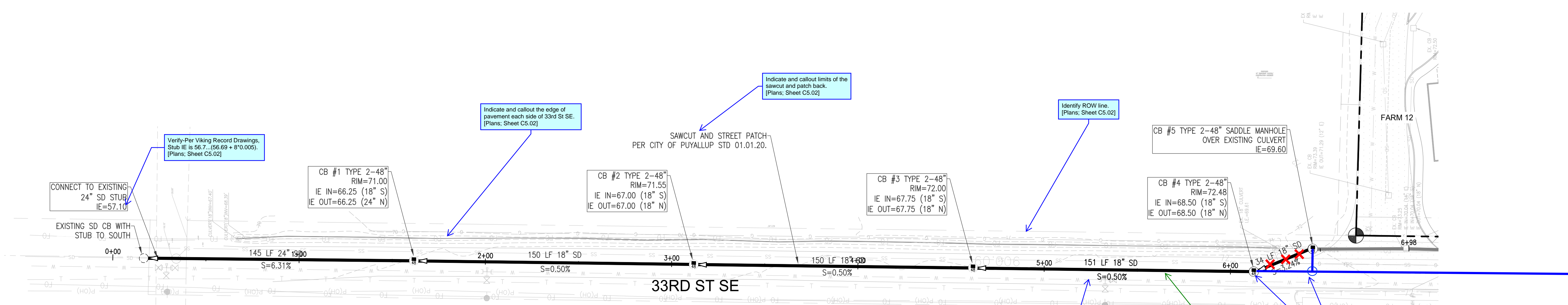
LEGEND

- (NOTE: NOT ALL SYMBOLS MAY APPEAR ON THE MAP)
- SURVEY MONUMENT (AS NOTED)
 - POWER METER
 - JUNCTION BOX (AS NOTED)
 - CATCH BASIN (CB)
 - STORM MANHOLE (SDMH)
 - SANITARY SEWER MANHOLE (SSMH)
 - CLEANOUT (AS NOTED)
 - GAS METER
 - GAS VALVE
 - WATER VALVE (WV)
 - FAUCET
 - FIRE HYDRANT(FH) / CONNECTION(FDC)
 - WATER MANHOLE
 - WATER METER
 - BLOW-OFF / AIRVAC
 - MONITOR WELL
 - SIGN
 - IRRIGATION SPRINKLER
 - HANDICAP
 - CHAIN LINK FENCE
 - WOOD FENCE
 - HOGWIRE FENCE
 - SILT FENCE
 - GAS LINE
 - TELEPHONE LINE (OH) OR (UG)
 - POWER LINE (OH) OR (UG)
 - STORM LINE
 - SEWER LINE
 - DECIDUOUS TREE
 - CONIFEROUS TREE
 - CONCRETE
 - GRAVEL/SAND (AS NOTED)
 - ASPHALT
 - BUILDING LINE

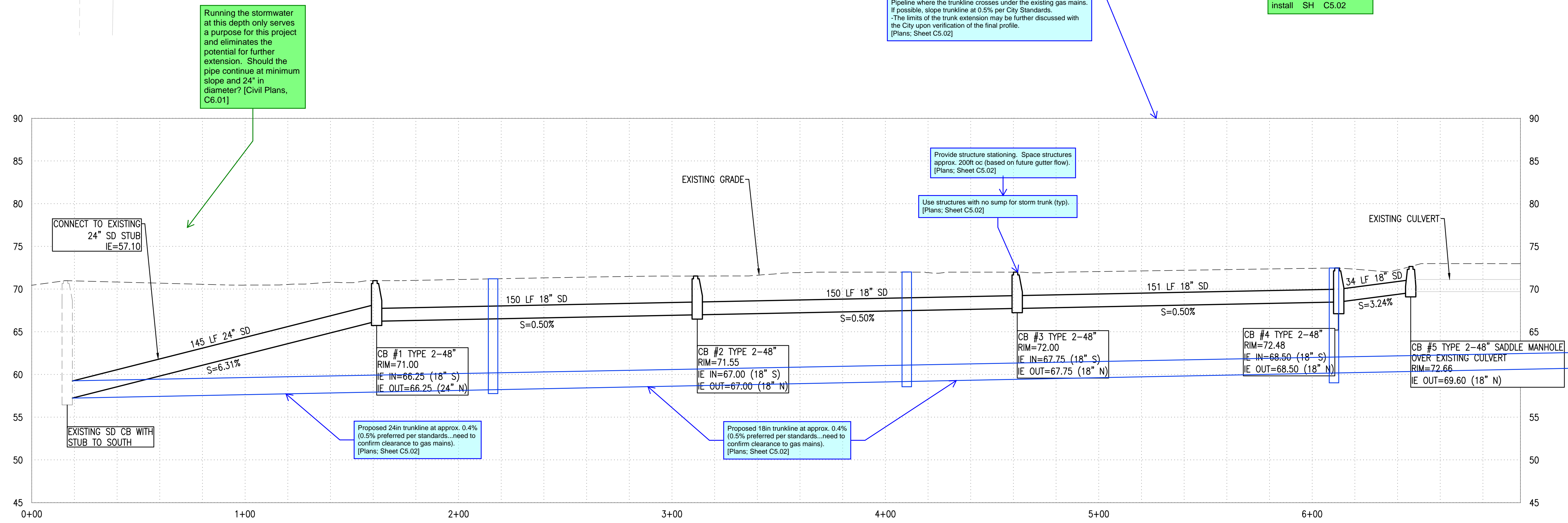
- (R#) ABBREVIATIONS
 (OH) REFERENCE SURVEYS
 (UG) OVERHEAD
 (TY) UNDERGROUND
 (C) TYPICAL
 (M) CALCULATED
 (M) MEASURED



<p>21-003 Project No. PFA Drawn By RJC Designed By RJC Approved By 06/18/2024 Date</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Description</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No.	Description	Date					<p>CECIL ASSOCIATES P.O. BOX 598 BOTHELL, WA 98011 (206) 484-3495 www.cecilassoc.com</p>
No.	Description	Date							
<p>CLIENT STEP BY STEP FAMILY SUPPORT CENTER 3303 8TH AVENUE SE #A PUYALLUP, WA 98372</p>		<p>CONTACT JEFFREY E. BROWN, AIA</p>							
<p>STEP BY STEP EARLY LEARNING CENTER</p>		<p>GRADING & DRAINAGE PLAN</p>							
C5.01									

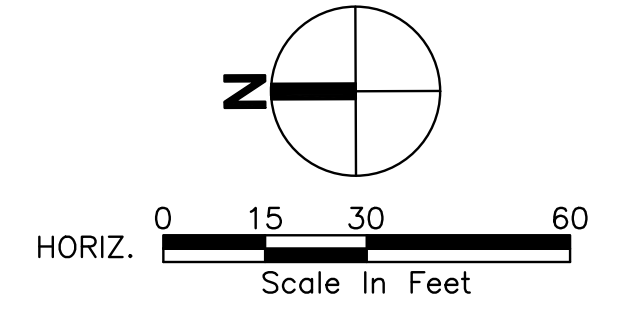


OFF-SITE STORM EXTENSION

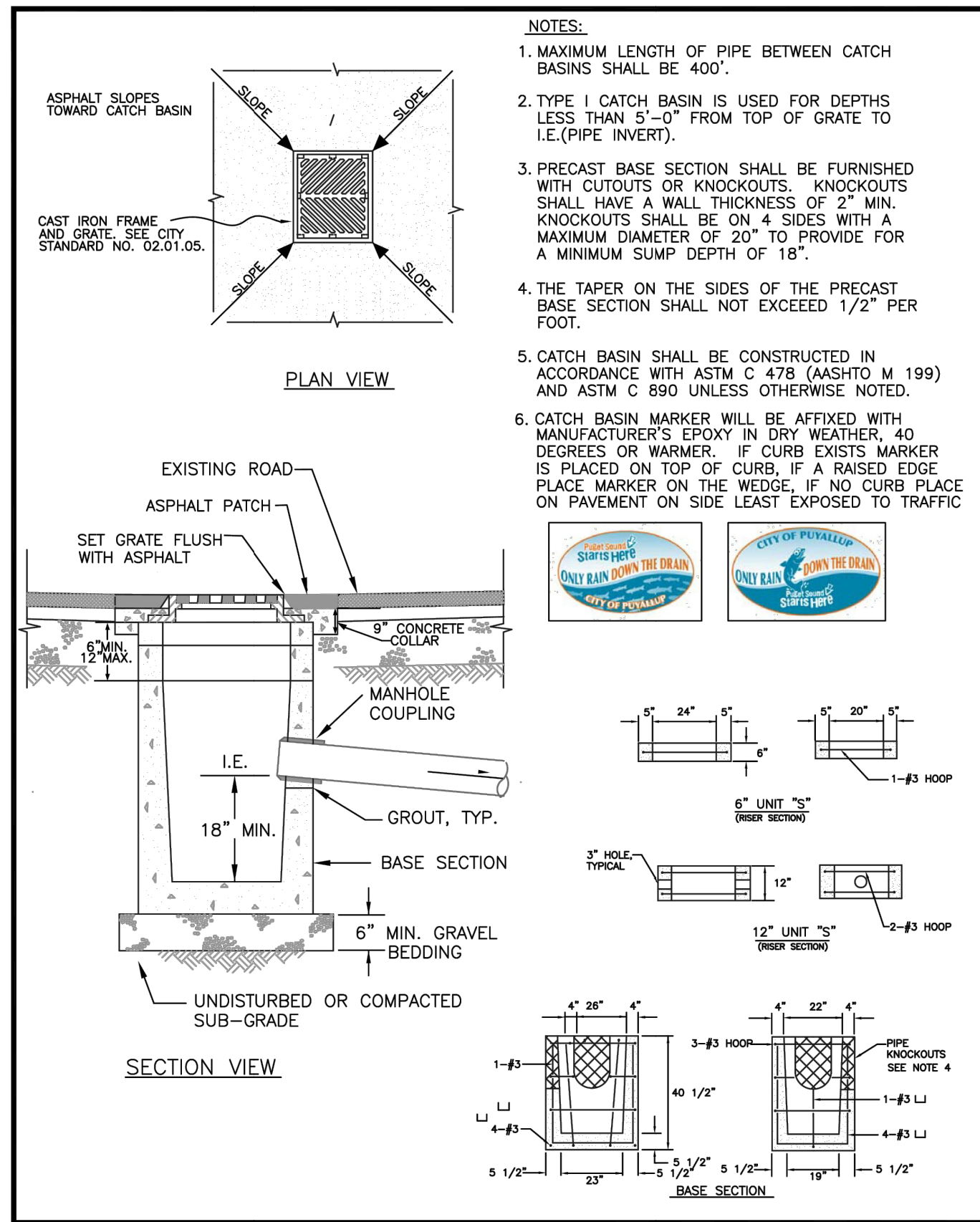


OFF-SITE STORM EXTENSION

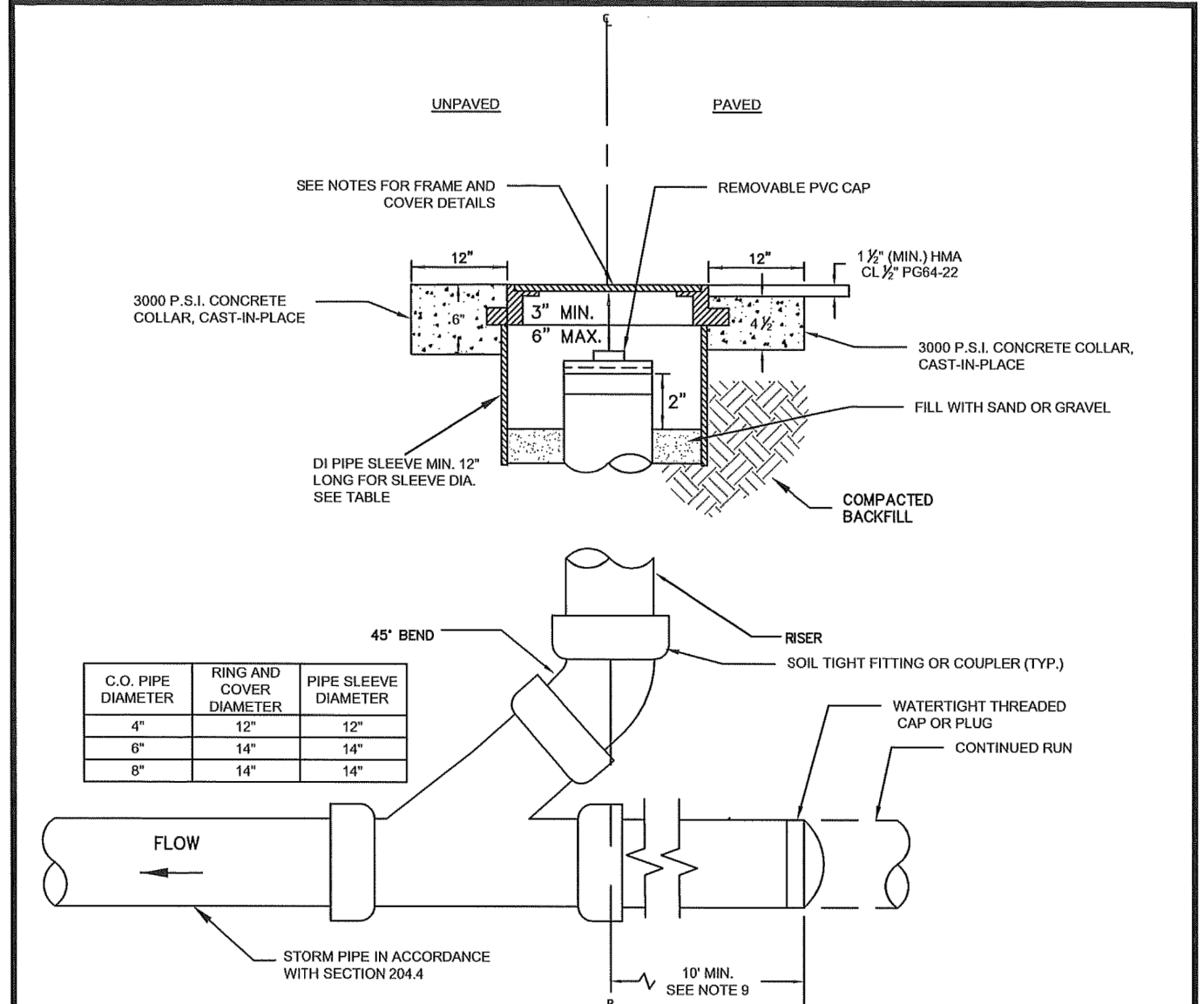
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V: 1"=5'



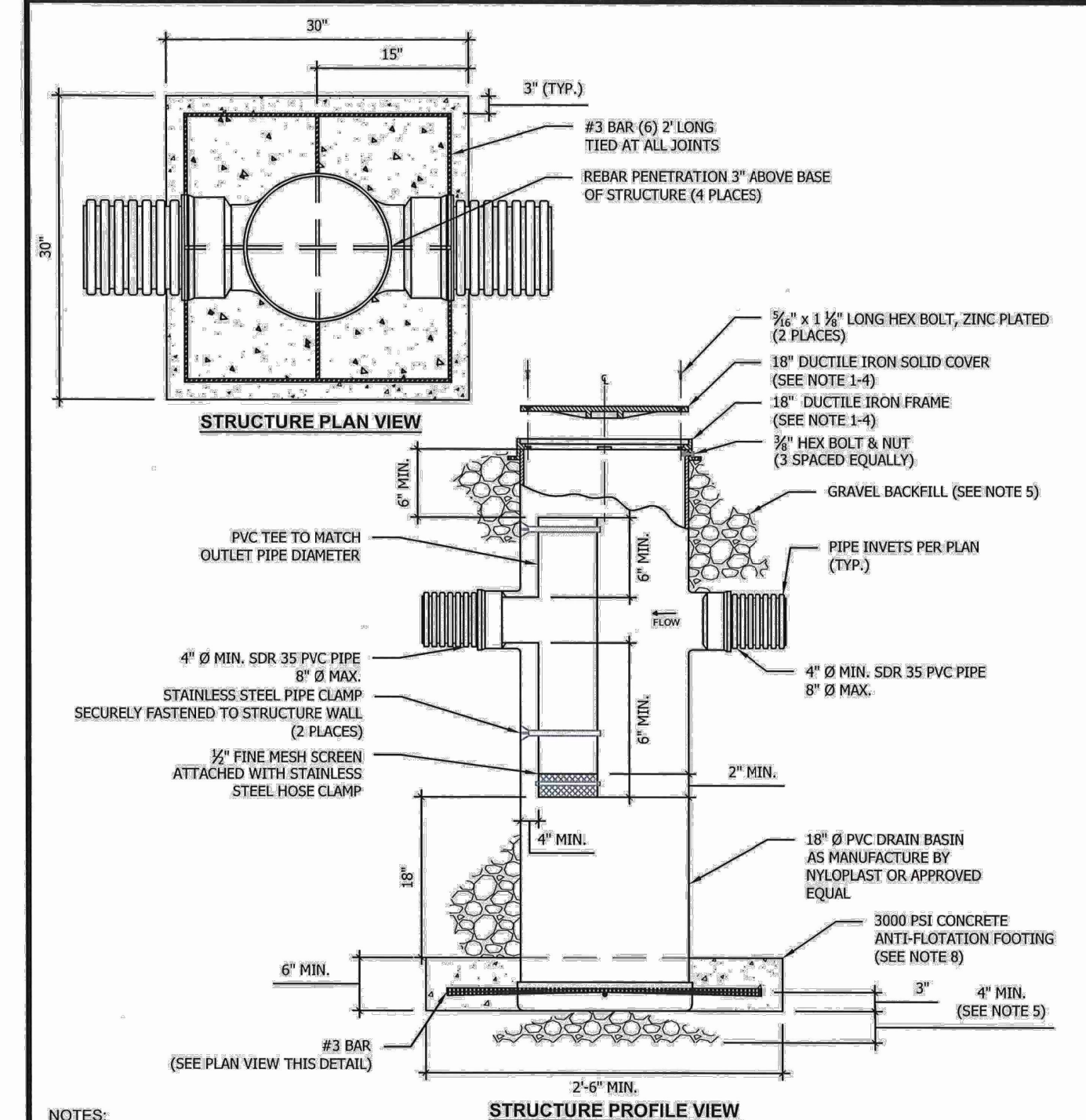
REVISIONS No. Description 1 CIVIL PERMIT APPLICATION Date 07/09/2024	Project No. 21-003 PFA Drawn By RJC Designed By RJC Approved By RJC Date 06/18/2024		CECIL ASSOCIATES P.O. BOX 598 BOTHELL, WA 98011 (206) 484-3495 www.cecilassoc.com	CLIENT STEP BY STEP FAMILY SUPPORT CENTER 3303 8TH AVENUE SE #A PUYALLUP, WA 98372	CONTACT JEFFREY E. BROWN, AIA
				STEP BY STEP EARLY LEARNING CENTER OFF-SITE STORM EXTENSION PLAN & PROFILE	C5.02



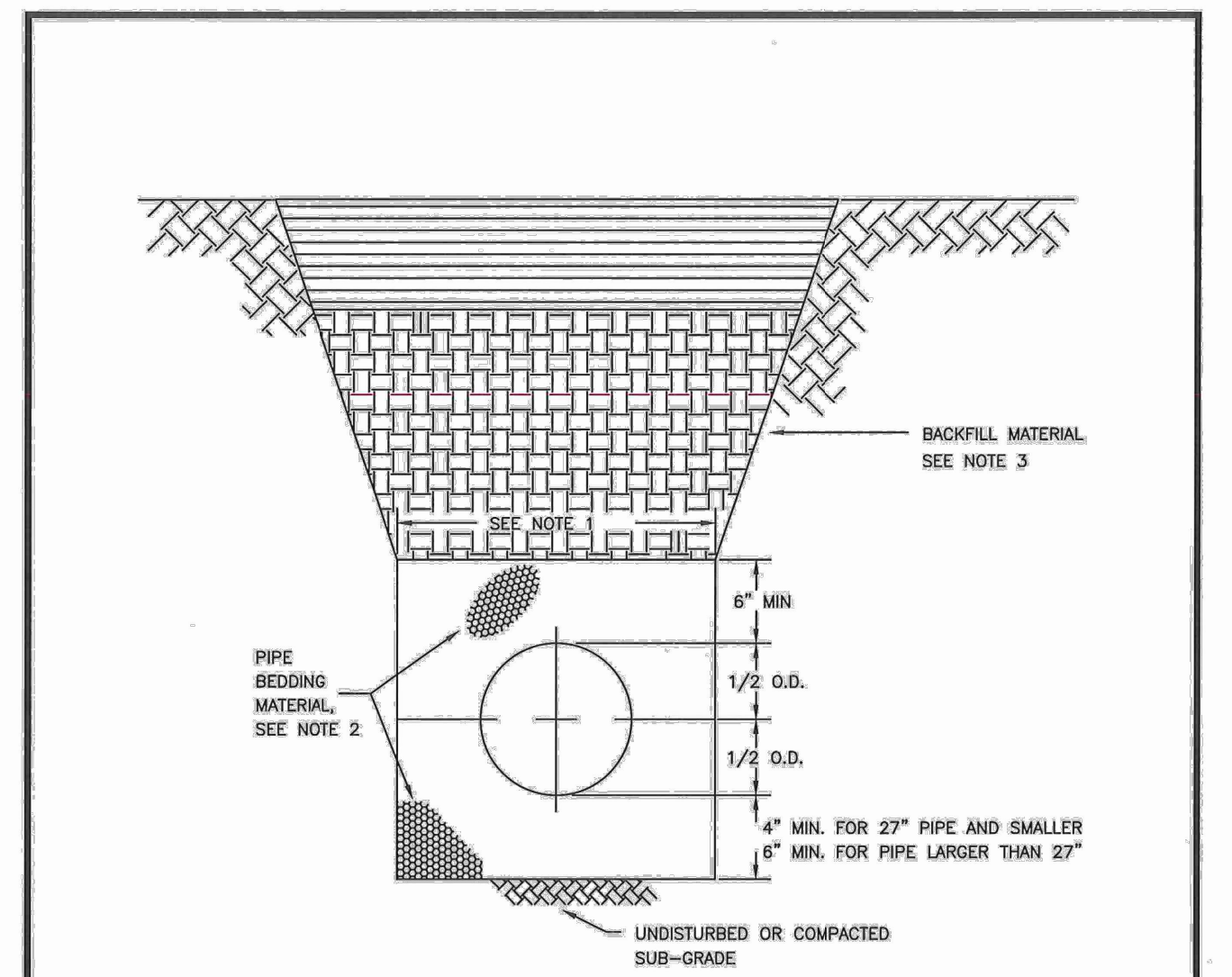
<p>CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS</p>	CATCH BASIN TYPE 1 (AREA DRAIN)			<p>DATE: 02.01.02</p>
	<p>DESIGNED BY: LINDA LANSING</p>	<p>CHECKED BY: LINDA LANSING</p>	<p>APPROVED BY: COLLEEN HARRIS</p>	



<p>CITY OF PUYALLUP PUBLIC WORKS AND DEVELOPMENT ENGINEERING</p>	STORM DRAIN CLEANOUT			<p>DATE: 02.01.09</p>
	<p>DESIGNED BY: [Signature]</p>	<p>CHECKED BY: [Signature]</p>	<p>APPROVED BY: [Signature]</p>	



<p>CITY OF PUYALLUP PUBLIC WORKS AND DEVELOPMENT ENGINEERING</p>	YARD DRAIN			<p>DATE: 02.05.02</p>
	<p>DESIGNED BY: [Signature]</p>	<p>CHECKED BY: [Signature]</p>	<p>APPROVED BY: [Signature]</p>	



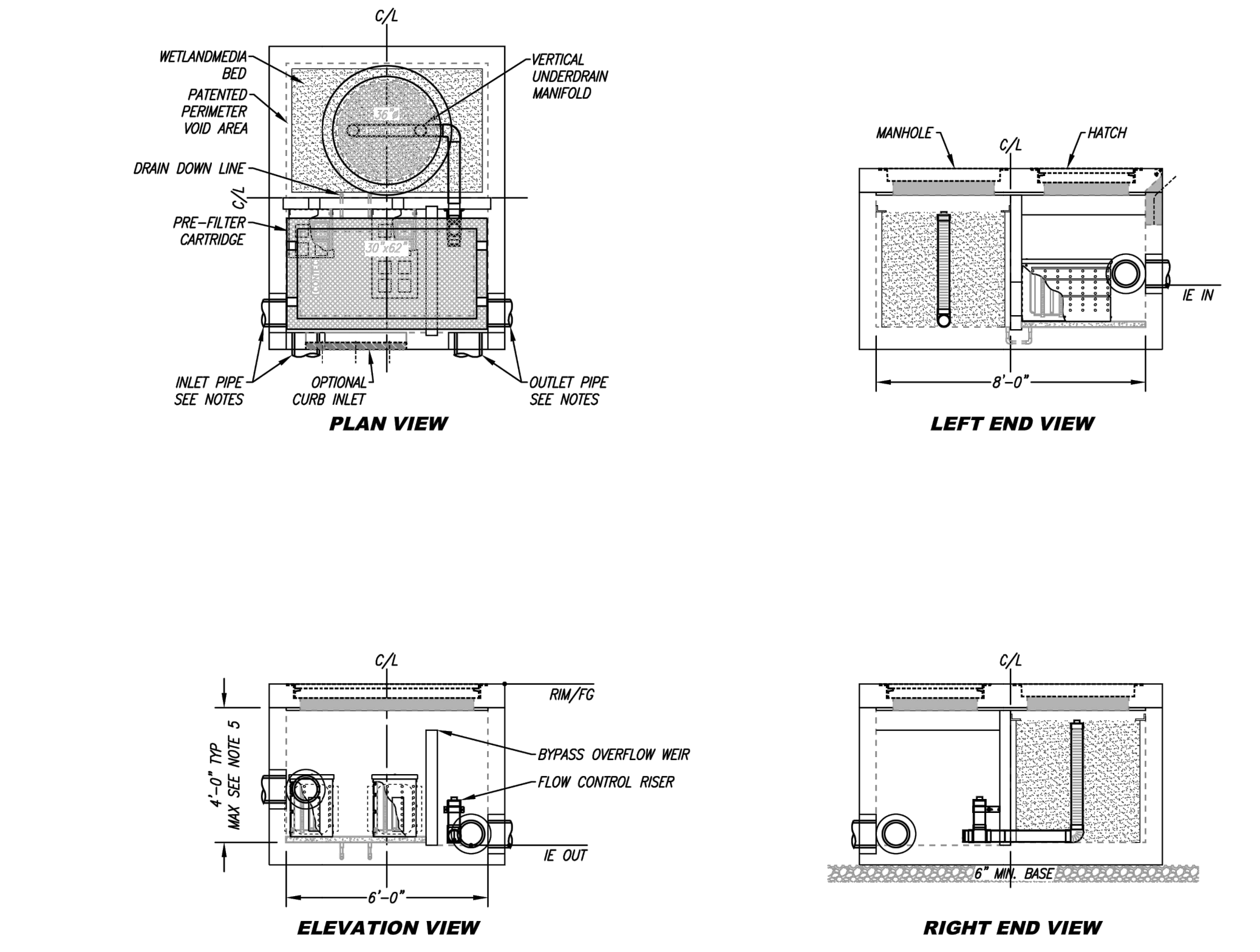
<p>CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER</p>	PIPE TRENCHING BEDDING AND BACKFILL			<p>DATE: 06.01.01</p>
	<p>DESIGNED BY: [Signature]</p>	<p>CHECKED BY: [Signature]</p>	<p>APPROVED BY: [Signature]</p>	

SITE SPECIFIC DATA	
PROJECT NUMBER	Step By Step
PROJECT NAME	Puyallup
PROJECT LOCATION	MWL 1
STRUCTURE ID	
TREATMENT REQUIRED	
TREATMENT FLOW (CFS)	0.122
PRETREATMENT LOADING RATE (GPM/SF)	2.1 GPM/SF
WETLAND MEDIA LOADING RATE (GPM/SF)	1.0
PEAK BYPASS REQUIRED (CFS) - IF APPLICABLE	1.25 (CFS)
PIPE DATA	
PIPE DATA	I.E. MATERIAL DIAMETER
INLET PIPE 1	71.25 DI 14"
INLET PIPE 2	
OUTLET PIPE	67.75 PVC 14"
RIM ELEVATION	74.10
SURFACE LOAD	PEDESTRIAN
NOTES:	Anchor for high groundwater

* PRELIMINARY ONLY - NOT FOR CONSTRUCTION

INSTALLATION NOTES

1. CONTRACTOR TO PROVIDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO OFFLOAD AND INSTALL THE SYSTEM AND APPURTENANCES IN ACCORDANCE WITH THIS DRAWING AND THE MANUFACTURER'S SPECIFICATIONS, UNLESS OTHERWISE STATED IN MANUFACTURER'S CONTRACT.
2. UNIT MUST BE INSTALLED ON LEVEL BASE. MANUFACTURER RECOMMENDS A MINIMUM 6" LEVEL ROCK BASE UNLESS SPECIFIED BY THE PROJECT ENGINEER. CONTRACTOR IS RESPONSIBLE FOR VERIFYING PROJECT ENGINEER'S RECOMMENDED BASE SPECIFICATIONS.
3. CONTRACTOR TO SUPPLY AND INSTALL ALL EXTERNAL CONNECTING PIPES. ALL PIPES MUST BE FLUSH WITH INSIDE SURFACE OF CONCRETE (PIPES CANNOT INTRUDE BEYOND FLUSH). INVERT OF OUTFLOW PIPE MUST BE FLUSH WITH DISCHARGE CHAMBER FLOOR. ALL PIPES SHALL BE SEALED WATER-TIGHT PER MANUFACTURER'S STANDARD CONNECTION DETAIL. CONTRACTOR RESPONSIBLE FOR CONTACTING CONTECH FOR ACTIVATION OF UNIT. MANUFACTURER'S WARRANTY IS VOID WITHOUT HEIGHT ACTIVATION BY A CONTECH REPRESENTATIVE.
4. VERTICAL HEIGHT VARIES BASED ON SITE SPECIFIC REQUIREMENTS.



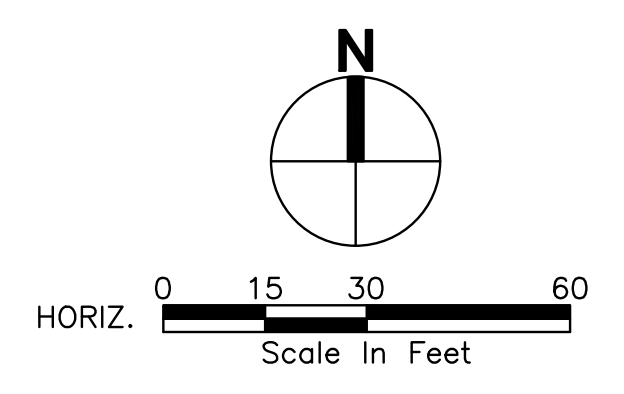
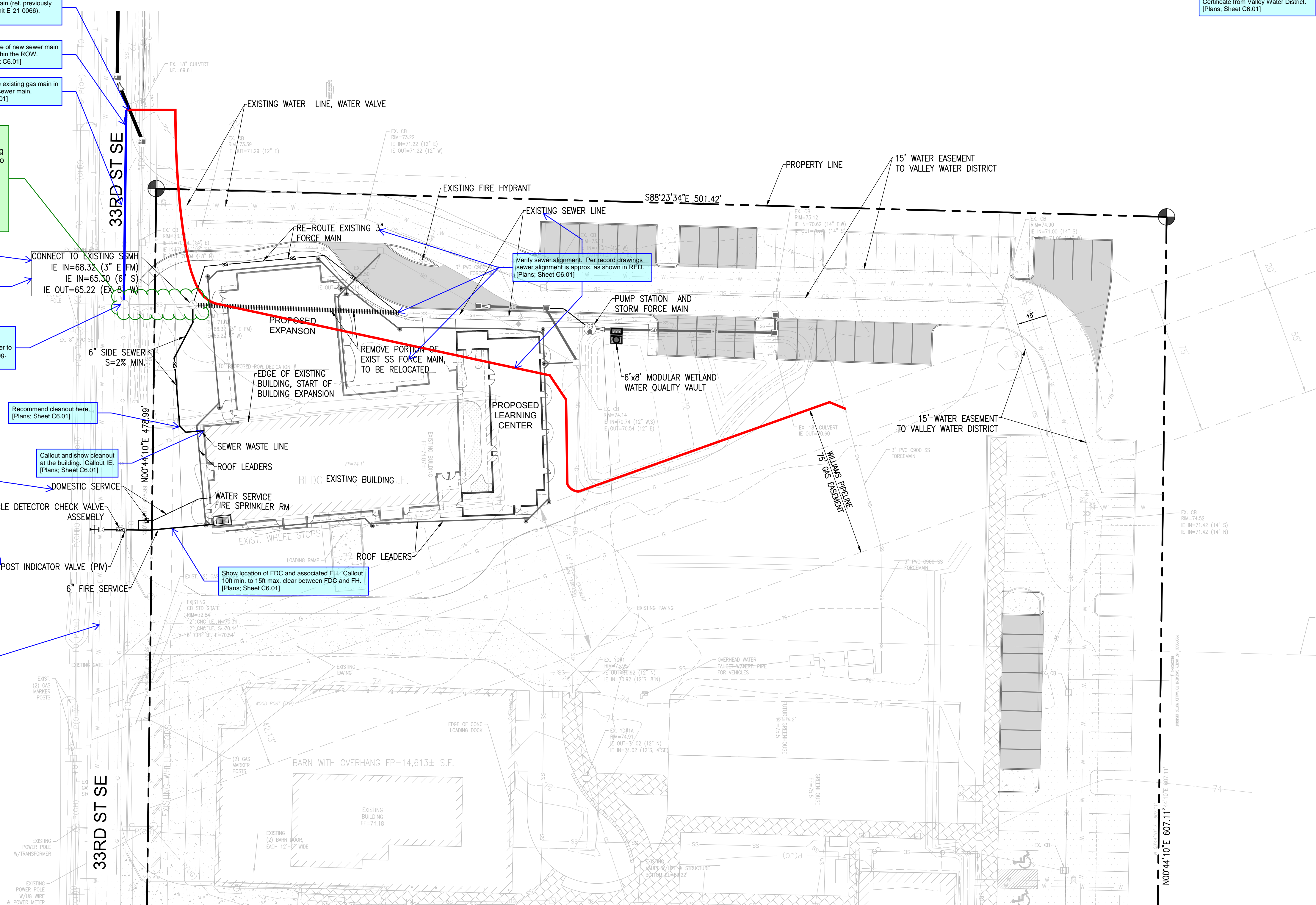
<p>WETLANDS FOR PATENT INFORMATION, GO TO WWW.CONTECHES.COM</p>	<p>PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE SOLE PROPERTY OF CONTECH AND ITS COMPANIES. THIS DOCUMENT, FOR ANY PART THEREOF, MAY BE USED, REPRODUCED OR MOVED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF CONTECH.</p>	<p>CONTECH ENGINEERED SOLUTIONS LLC www.ContechES.com</p>	<p>MWS-L-6-8-V-UG STORMWATER BIOFILTRATION SYSTEM STANDARD DETAIL</p>	
			<p>DATE: 02.01.01 // 02.01.03 // 06.01.02 // 06.01.03 // 06.01.04 (Plans; Sheet C5.10)</p>	<p>DATE: 02.05.02</p>

<p>CLIENT</p> <p>STEP BY STEP FAMILY SUPPORT CENTER 3303 8TH AVENUE SE #A PUYALLUP, WA 98372</p> <p>CONTACT</p> <p>JEFFREY E. BROWN, AIA</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Description</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>CIVIL PERMIT APPLICATION</td> <td>07/09/2024</td> </tr> </tbody> </table>	No.	Description	Date	1	CIVIL PERMIT APPLICATION	07/09/2024
No.	Description	Date					
1	CIVIL PERMIT APPLICATION	07/09/2024					
<p>21-L-003 Project No. PFA Drawn By RJC Designed By RJC Approved By RJC Date: 06/18/2024</p>							
<p>CECIL ASSOCIATES PO BOX 598 BOWEN, WA 98011 (206) 484-3495 www.cecilassoc.com</p>							
<p>STEP BY STEP EARLY LEARNING CENTER</p> <p>STORM DRAINAGE DETAILS</p>							
<p>C5.10</p>							

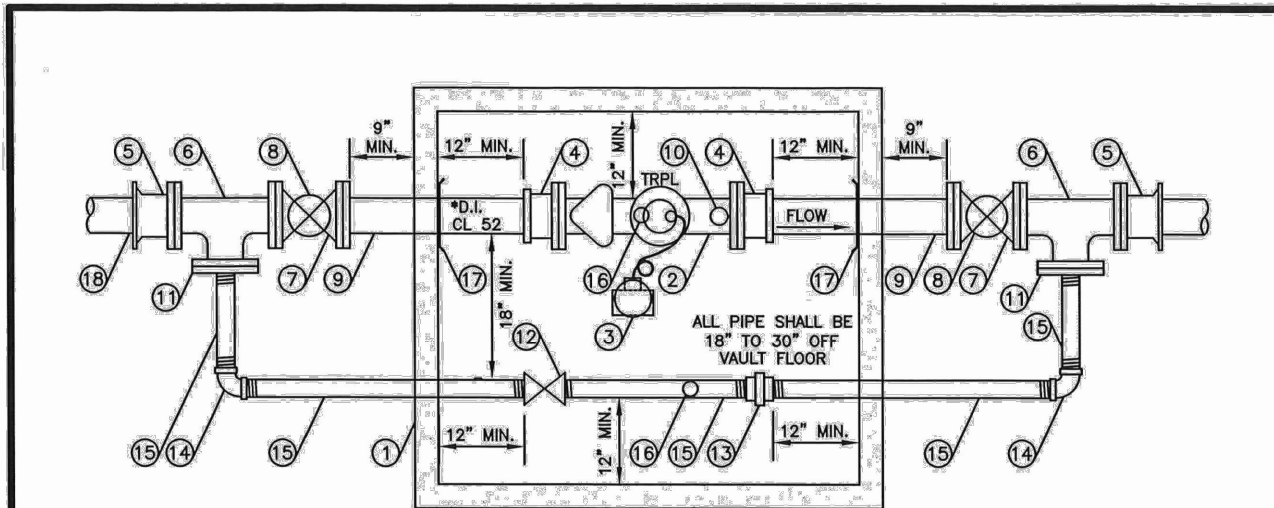
Add City Fire Code Official approval block and Water Purveyor approval block to this sheet. See City Standards Section 1.4. [Plans; Sheet C6.01]

Provide an approved Water Availability Certificate from Valley Water District. [Plans; Sheet C6.01]

- Callout to remove existing temporary cleanout and extend new sewer main (ref. previously approved drawings, Permit E-21-0066). [Plans; Sheet C6.01]
- Provide profile of new sewer main extension within the ROW. [Plans; Sheet C6.01]
- Callout to relocate existing gas main in conflict with new sewer main. [Plans; Sheet C6.01]
- This manhole installation has never been constructed. The existing force lateral discharges to a sanitary cleanout, continues north and connects to the existing city system north of the driveway entrance. [Civil Plans; C6.01]
- Provide new sewer manhole (currently not constructed). Specify interior of forcemain discharge manhole to be lined with Raven 45 epoxy or approved alternative. [Plans; Sheet C6.01]
- Provide connection detail of the forcemain to new sewer manhole (see previously approved permit drawings, E-21-0440). [Plans; Sheet C6.01]
- Install new sewer manhole with 8-inch sewer stub to Parcel 0420264019 and new side sewer to Step-by-Step. Callout stationing. [Plans; Sheet C6.01]
- Recommend cleanout here. [Plans; Sheet C6.01]
- Callout and show cleanout at the building. Callout IE. [Plans; Sheet C6.01]
- Relocate to private property (3 pics). [Plans; Sheet C6.01]
- DOUBLE DETECTOR CHECK VALVE ASSEMBLY
- POST INDICATOR VALVE (PIV)
- 6" FIRE SERVICE
- Clearly identify City of Puyallup's and Valley Water's individual watermains. [Plans; Sheet C6.01]



CLIENT STEP BY STEP FAMILY SUPPORT CENTER 3303 8TH AVENUE SE #A PUYALLUP, WA 98372 CONTACT JEFFREY E. BROWN, AIA	REVISIONS No. Description 1 CIVIL PERMIT APPLICATION Date 07/09/2024
CECIL ASSOCIATES P.O. BOX 598 BOTHELL, WA 98011 (206) 484-3495 www.cecilassoc.com	
STEP BY STEP EARLY LEARNING CENTER UTILITY PLAN C6.01	



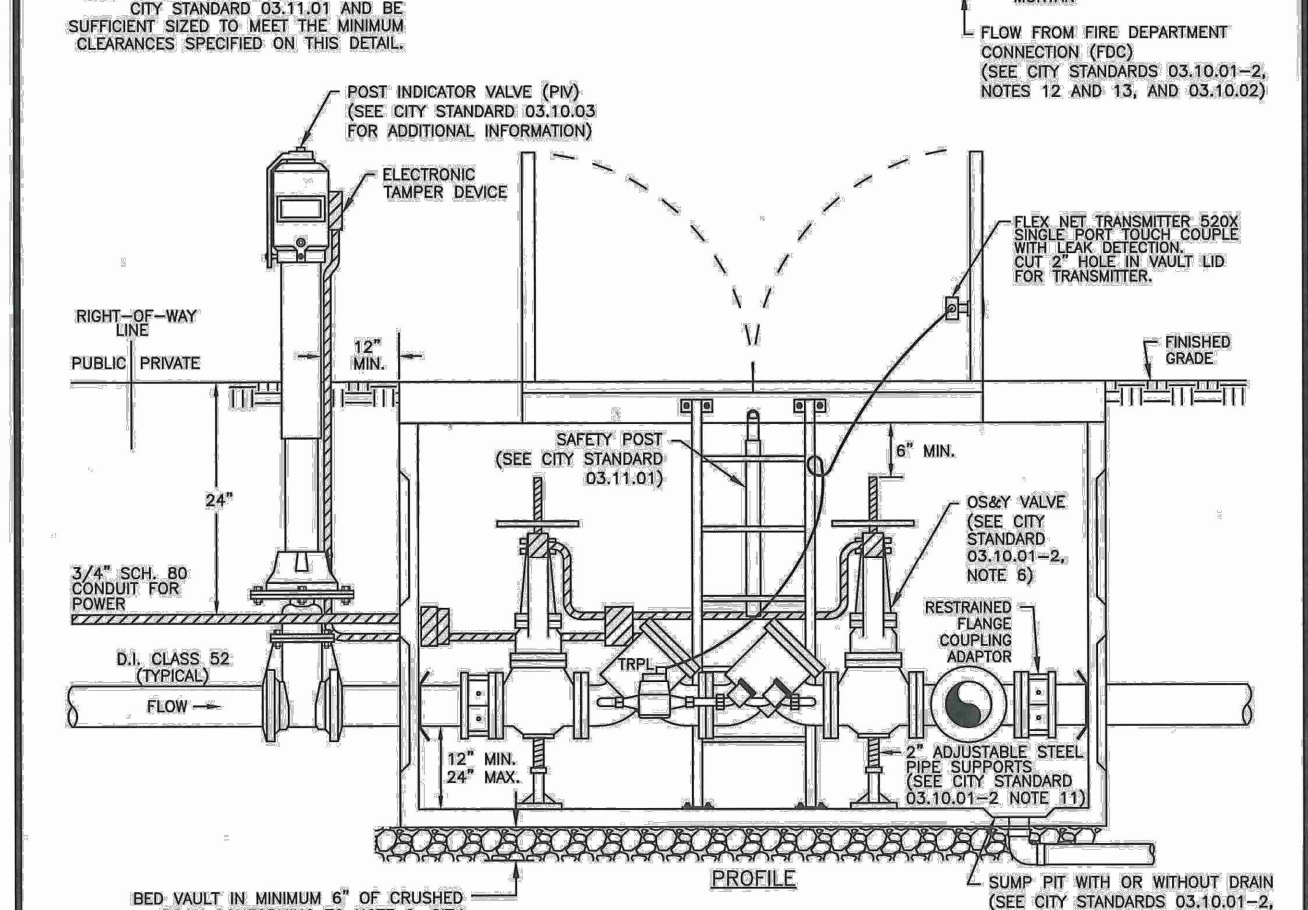
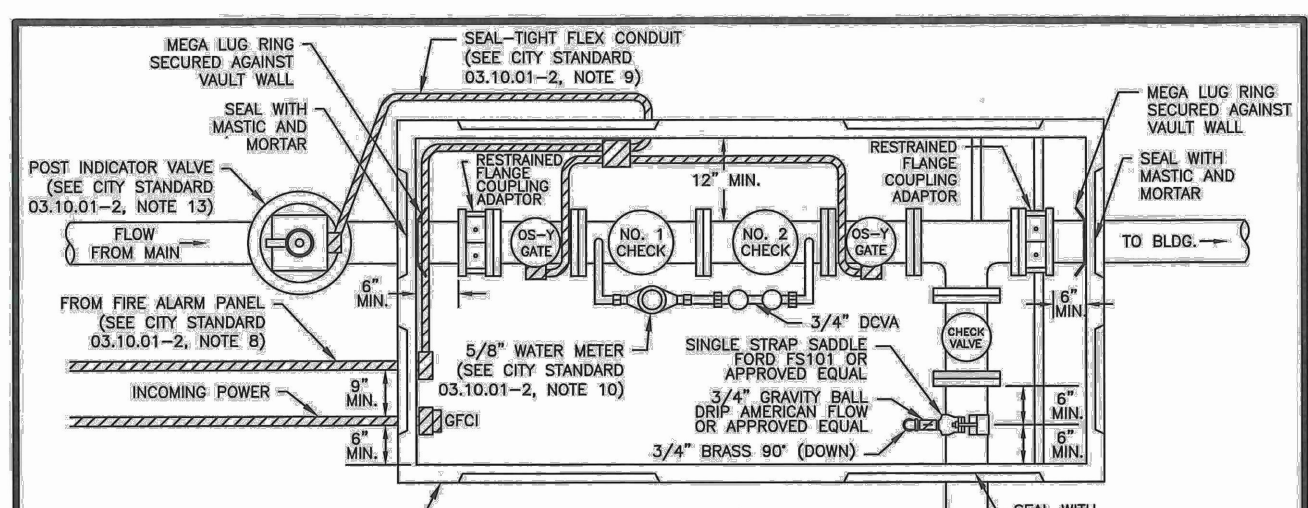
- CONSTRUCTION NOTES**
1. PRECAST CONCRETE VAULT WITH STANDARD SUMP PIT THAT DRAINS TO DAYLIGHT, IF FEASIBLE. IF INFEASIBLE, VAULT SHALL BE PROVIDED WITH A 1/4 HP (MIN.) SUMP PUMP WITHIN THE SUMP PIT. VAULT SHALL BE SURFICENTLY SIZED TO MAINTAIN MINIMUM CLEARANCES SPECIFIED ON THIS DETAIL. VAULT SHALL MEET CITY STANDARD 03.10.01-2, NOTE 9.
 2. * SENSUS FLANGED C2 GMMI METER WITH BUILT-IN STRAINER WITH TRPL. READING IN 1 CUBIC FEET. USE 3/4" DIAMETER 316 GRADE STAINLESS STEEL BOLTS AND TRPLON NUTS ON METER FLANGE CONNECTIONS.
 3. FLEX NET TRANSMITTER 520M SINGLE PORT COUPLE WITH LEAK DETECTOR. MOUNTED ON METER VAULT LID.
 4. FLANGED COUPLING ADAPTOR.
 5. * FLANGE x MECHANICAL JOINT ADAPTOR.
 6. * FLANGED TEE.
 7. * RESILIENT SEATED WEDGE GATE VALVE (FLG&FLG) WITH 2" SQUARE OPERATING NUT.
 8. INSTALL TWO-PIECE, ADJUSTABLE, CAST IRON VALVE BOX AS SPECIFIED IN CITY STANDARD 03.01.01.
 9. * FLANGE x PLAIN END SPOOL LENGTH AS REQUIRED.
 10. 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.
 11. * BLIND FLANGE WITH 2" THREADED OUTLET.
 12. 2" LOCKING BALL VALVE FORD B11-777W OR APPROVED EQUAL.
 13. 2" GALVANIZED UNION.
 14. 2" GALVANIZED ELL.
 15. 2" THREADED GALVANIZED PIPE - CUT TO LENGTH AS REQUIRED.
 16. 2" ADJUSTABLE GALVANIZED PIPE SUPPORT.
 17. MEGA LUG RING SECURED AGAINST VAULT WALL. MASTIC AND MORTAR SEAL WHERE PIPE PASSES THROUGH VAULT WALL.
 18. AN ADDITIONAL * GATE VALVE IS REQUIRED AT THE WATER MAIN BRANCH CONNECTION.
- GENERAL NOTES**
1. ALL PIPE, VALVES, FITTINGS AND OTHER MATERIAL USED SHALL CONFORM TO AWWA STANDARDS (LATEST EDITION).
 2. ALL CONSTRUCTION SHALL CONFORM TO WSDOT/APWA STANDARDS SPECIFICATIONS, CURRENT EDITION, AND CITY OF PUYALLUP STANDARDS.

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3"-4"-6" WATER SERVICE

CITY STANDARD 03.03.03



INSTALLATION LOCATION NOTE:
DOUBLE DETECTOR-CHECK VALVE ASSEMBLY (DDCVA) MAY BE INSTALLED WITHIN A BUILDING. THE PLAN AND PROFILE VIEW OF THIS DETAIL SHOWS ALTERNATIVE EXTERIOR VAULT INSTALLATION.

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DOUBLE DETECTOR-CHECK VALVE ASSEMBLY INSTALLATION

CITY STANDARD 03.10.01-1

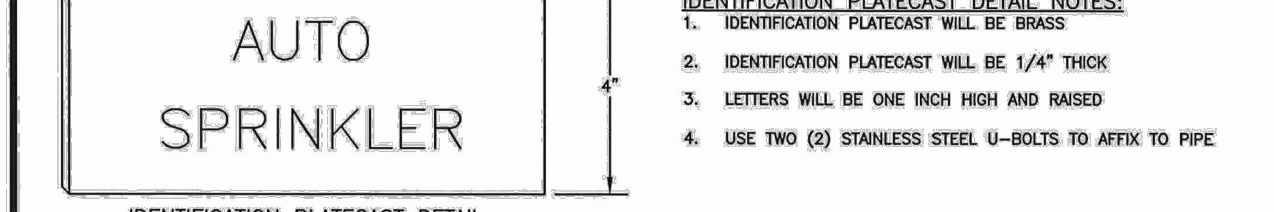
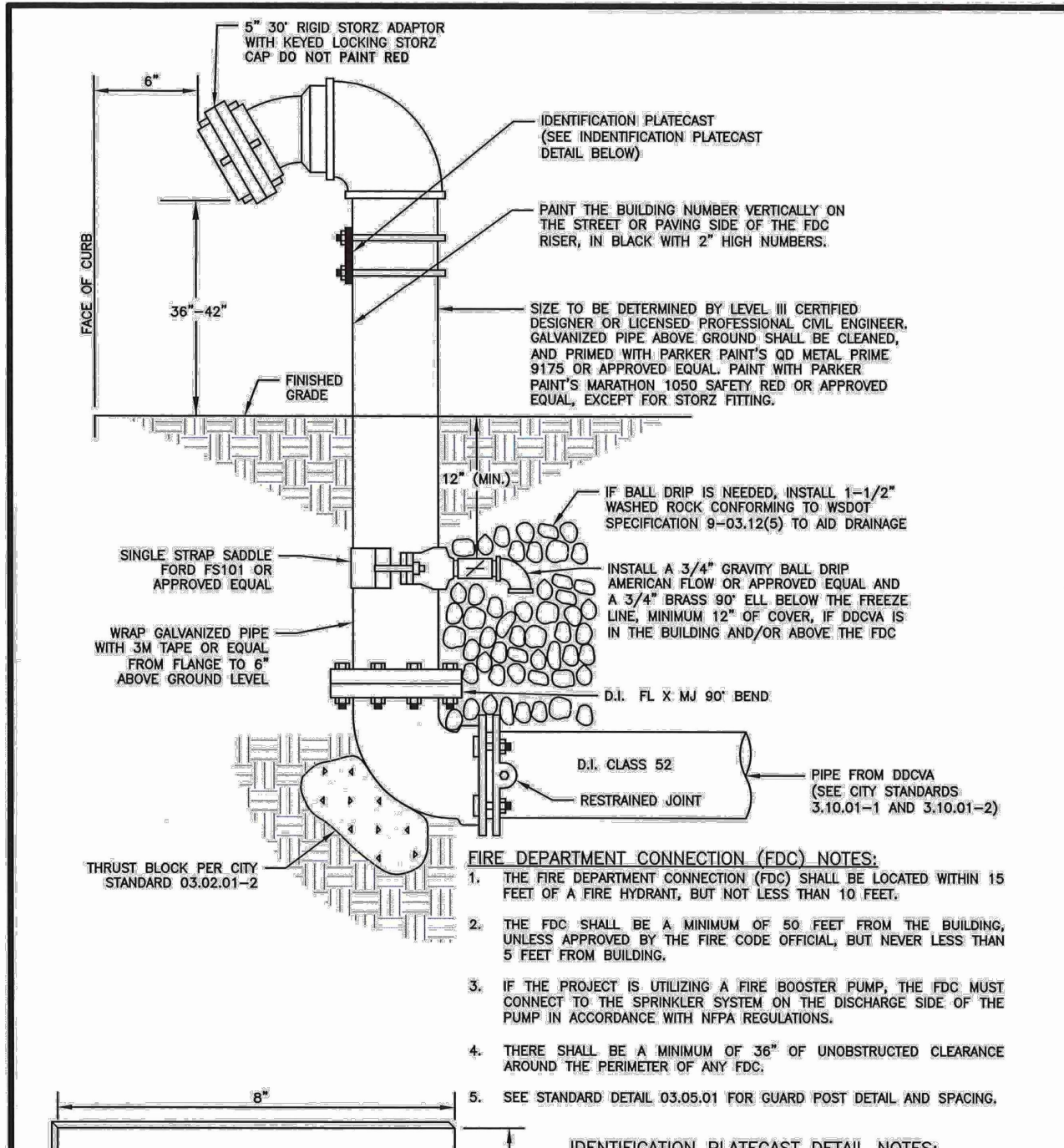
- NOTES FOR: DOUBLE DETECTOR CHECK VALVE ASSEMBLY (DDCVA) INSTALLATION CITY STANDARD 03.10.01-1**
1. BACKFLOW ASSEMBLY MUST BE SELECTED FROM WASHINGTON STATE DEPARTMENT OF HEALTH'S LIST OF BACKFLOW PREVENTION ASSEMBLIES APPROVED FOR INSTALLATION IN WASHINGTON STATE, LATEST EDITION.
 2. THE DDCVA SHALL 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.
 3. DDCVA MUST BE PURCHASED AS A UNIT. NO MODIFICATIONS TO THE ASSEMBLY ARE ALLOWED.
 4. DDCVA IS ALLOWED TO BE LOCATED WITHIN A BUILDING AS APPROVED BY THE FIRE CODE OFFICIAL. WHEN THE DDCVA IS LOCATED WITHIN A BUILDING, THE FIRE DEPARTMENT CONNECTION (FDC) BALL DRIP SHALL DRAIN TO THE NEAREST APPROVED ON-SITE STORM DRAINAGE STRUCTURE.
 5. IN A VAULT INSTALLATION, IF VAULT CANNOT BE DRAINED TO DAYLIGHT, A 1/4 HP SUMP PUMP SHALL BE INSTALLED IN THE SUMP PIT OF THE VAULT. IT SHALL BE WIRED PER WASHINGTON STATE ELECTRICAL CODE, AND INSPECTED BY A STATE ELECTRICAL INSPECTOR. THE DISCHARGE PIPE SHALL BE CONNECTED TO THE NEAREST APPROVED ON-SITE STORM DRAINAGE STRUCTURE.
 6. DDCVA OUTSIDE STEM AND YOKE (OS&Y) GATE VALVES, AND THE POST INDICATOR VALVE (PIV), SHALL HAVE SUPERVISED TAMPER SWITCHES.
 7. ALL ELECTRICAL SHALL BE INSPECTED BY A WASHINGTON STATE ELECTRICAL INSPECTOR.
 8. IN A VAULT INSTALLATION, RUN TWO 3/4" SCHEDULE 80 P.V.C. CONDUITS TO THE VAULT. ONE WILL BE USED FOR A GFCI PROTECTED OUTLET, AND ONE WILL BE FOR LOW VOLTAGE COILING FROM THE FIRE ALARM PANEL. INSTALL AN APPLICATION FSA OR FPCA CAST DEVICE BOX OR APPROVED EQUAL ON THE VAULT WALL AT THE CONDUIT PENETRATION.
 9. IN A VAULT INSTALLATION, RUN LOW VOLTAGE WIRE INSIDE VAULT AND TO PIV THROUGH SEAL-TIGHT FLEX CONDUIT. CONDUIT SHALL BE SECURELY FASTENED PERPENDICULAR OR HORIZONTAL TO THE WALLS OF THE VAULT.
 10. WATER METER SHALL BE A SENSUS SRI TRPL. READING IN 1 CUBIC FEET.
 11. PIPE SUPPORTS SHALL BE RUST-PROTECTED WITH ALUMINUM PAINT.
 12. THE FDC SHALL BE LOCATED WITHIN 15 FEET OF A FIRE HYDRANT, BUT NOT LESS THAN 10 FEET.
 13. THE FDC AND PIV SHALL BE A MINIMUM OF 50 FEET FROM A BUILDING, UNLESS APPROVED BY THE CITY OF PUYALLUP FIRE CODE OFFICIAL, BUT NEVER LESS THAN 5 FEET FROM BUILDING.
 14. A DDCVA INSTALLED MORE THAN 5 FEET ABOVE THE FLOOR LEVEL MUST HAVE A PLATFORM UNDER IT FOR THE TESTER OR MAINTENANCE PERSON TO STAND ON. THE PLATFORM MUST BE OSHA APPROVED AND MEET ALL APPLICABLE SAFETY STANDARDS AND CODES.

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DOUBLE DETECTOR-CHECK VALVE ASSEMBLY INSTALLATION (NOTES)

CITY STANDARD 03.10.01-2

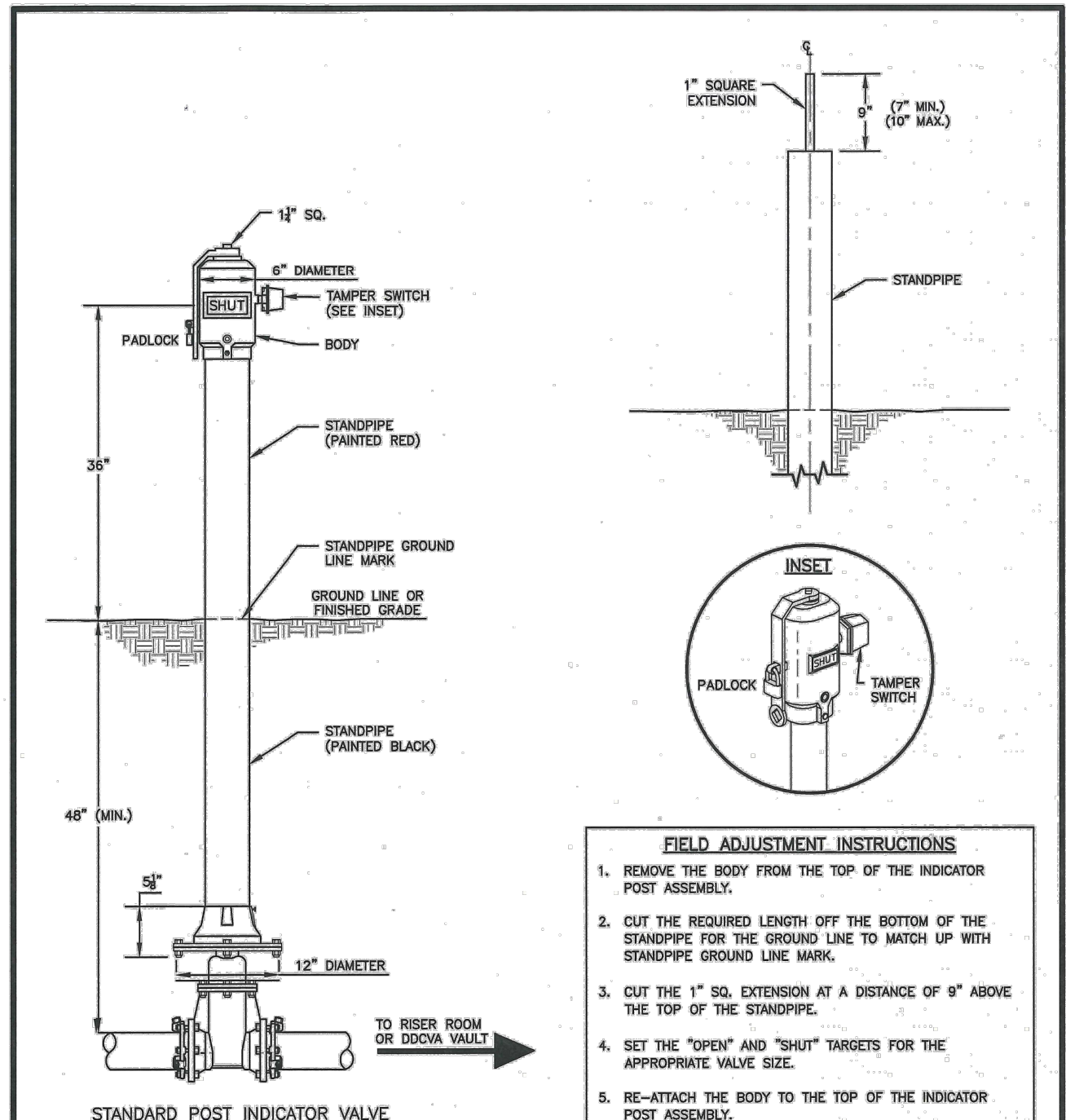


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FIRE DEPARTMENT CONNECTION (FDC)

CITY STANDARD 03.10.02



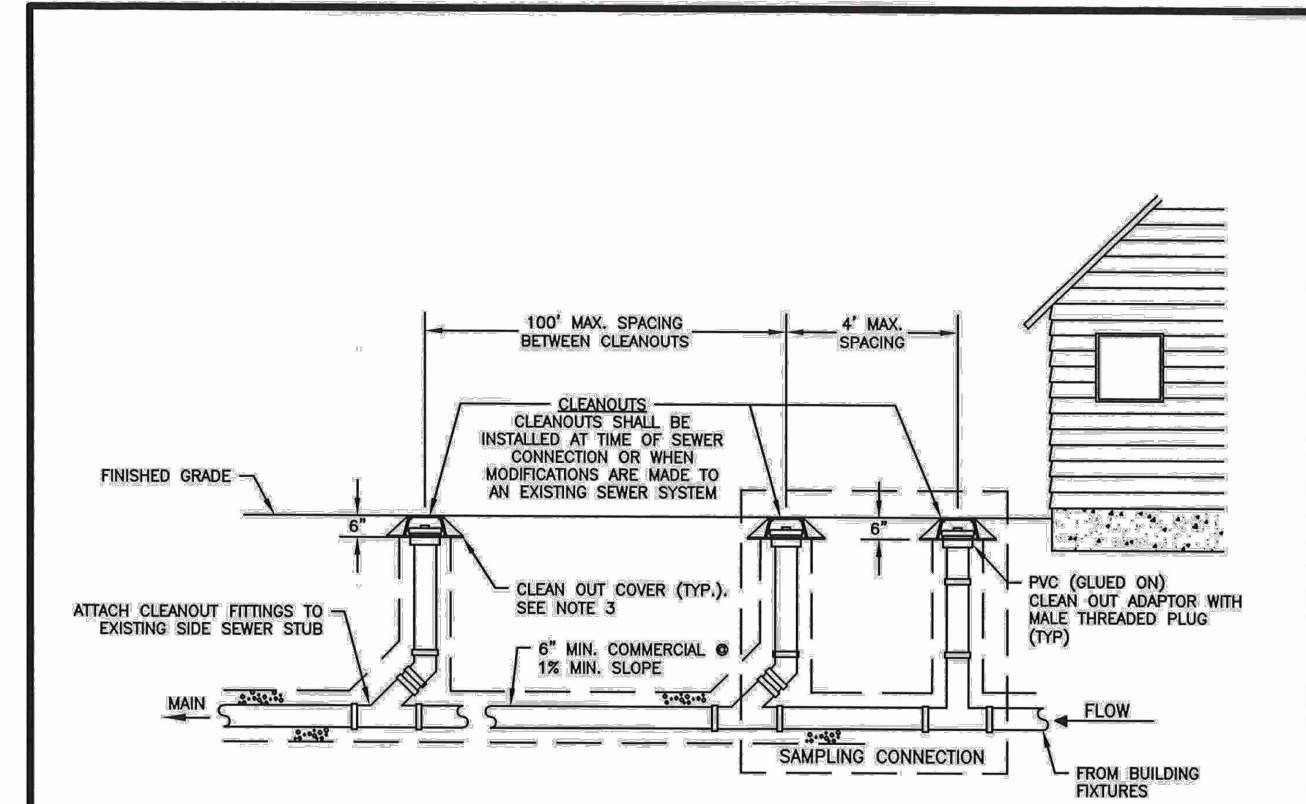
- FIELD ADJUSTMENT INSTRUCTIONS**
1. REMOVE THE BODY FROM THE TOP OF THE INDICATOR POST ASSEMBLY.
 2. CUT THE REQUIRED LENGTH OFF THE BOTTOM OF THE STANDPIPE FOR THE GROUND LINE TO MATCH UP WITH STANDPIPE GROUND LINE MARK.
 3. CUT THE 1" SO. EXTENSION AT A DISTANCE OF 9" ABOVE THE TOP OF THE STANDPIPE.
 4. SET THE "OPEN" AND "SHUT" TARGETS FOR THE APPROPRIATE VALVE SIZE.
 5. RE-ATTACH THE BODY TO THE TOP OF THE INDICATOR POST ASSEMBLY.
 6. ALL POST INDICATOR VALVES SHALL BE INSTALLED WITH AN ELECTRONIC ILL LISTED TAMPER SWITCH.
 7. THERE SHALL BE 36" OF UNOBSTRUCTED CLEARANCE AROUND THE PERIMETER OF ALL POST INDICATOR VALVES.
 8. POST INDICATOR VALVE SHALL BE LOCATED AT A MINIMUM 5'-R FROM BUILDING.

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POST INDICATOR VALVE

CITY STANDARD 03.10.03



- NOTES:**
1. SAMPLING CONNECTION SHALL BE INSTALLED OUTSIDE WITH UNOBSTRUCTED ACCESS AT ALL TIMES.
 2. SAMPLING CONNECTION SHALL BE INSTALLED FOR EACH COMMERCIAL / RETAIL UNIT OR SPACE.
 3. CLEAN OUT AND SAMPLING CONNECTION COVERS:
 - A) FOR NON-VEHICULAR TRAFFIC INSTALLATIONS USE "CARSON" MODEL 910 GREEN YARD BOX WITH BOLT DOWN LID MARKED SEWER OR APPROVED EQUAL.
 - B) FOR ASPHALT, GRAVEL, OR TRAFFIC INSTALLATIONS, SEE CITY STANDARD DETAIL NO. 04.03.05 FOR FRAME AND COVER SECTION.
 4. EACH CLEANOUT ASSEMBLY SHALL CONSIST OF ONE CLEANOUT ADAPTER, HUB x FEMALE, FITP, PVC SI AND ONE CLEANOUT PLUG, MOPT WITH INSECT NUT, PVC 5905.

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COMMERCIAL SIDE SEWER CONNECTION WITH SAMPLING CONNECTION

CITY STANDARD 04.03.04

REVISIONS

No.	Description	Date
1	CIVIL PERMIT APPLICATION	07/09/2024

21-003
Project No.
PFA
Drawn By
RJC
Designed By
RJC
Approved By
06/18/2024
Date

CECIL ASSOCIATES
PROFESSIONAL ENGINEERING
STATE OF WASHINGTON
LICENSE NO. 4374
07/09/2024

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CLIENT
STEP BY STEP
FAMILY SUPPORT CENTER
5303 8TH AVENUE #A
PUYALLUP, WA 98372

JEFFREY E. BROWN, AIA
CONTACT

**STEP BY STEP
EARLY LEARNING CENTER**

UTILITY DETAILS

C6.10

Add City Standard Details:
03.05.01 // 03.11.01 // 04.03.05 //
[Plans; Sheet C6.10]