



Site Plan Review Committee
Michael Thomas, City Manager

**COMMUNITY DEVELOPMENT
DEPARTMENT**
360-330-7662

Emil Pierson, CD Director
epierson@cityofcentralia.com

Mike Watilo, Building Official
mwatalo@cityofcentralia.com

PUBLIC WORKS DEPARTMENT
360-330-7512

Kim Ashmore, PW Director
kashmore@cityofcentralia.com

Patty Page, City Engineer
ppage@cityofcentralia.com

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360-330-7512
ML Norton, CCL General Manager
mnorton@cityofcentralia.com

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360-330-7680
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acaldwell@cityofcentralia.com

RIVERSIDE FIRE AUTHORITY
360-736-3975
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tternan@riversidefire.net

LEGAL DEPARTMENT
360-330-7675
Kyle Manley, City Attorney
kmanley@cityofcentralia.com

SITE PLAN REVIEW COMMITTEE

Meeting Agenda

Monday, June 2, 2025

Join Zoom meeting: [Public Link](#)

Join by mobile: #1-253-215-8782

Meeting ID: 891 1886 9218 Passcode: 926458

All applicants should join the meeting at 10 AM as time frames are estimations only and subject to change. The public are invited to participate.

9:00 AM STAFF REVIEW TIME
1. Weekly Permit List (pgs. 1-3)

10:00 AM – Site Plan Review (pgs. 4-33)

| | |
|----------------------------|--|
| Project Name: | The Ponds PUD |
| Applicant/Owner: | Bob Balmelli, RB Engineering |
| Property Address: | 2200 Cooks Hill Road |
| Contact Phone: | 360.740.8919 |
| Email: | robertb@rbengineers.com |
| Zone: | R:4, Low Density Residential |
| Comp. Plan: | LDR, Low Density Residential |
| Parcel Information: | 022118-011-001, 13.88 AC |
| Request: | Road deviation request to reduce the 200-foot separation requirement to 160-feet centerline to centerline. |

10:30 AM – Site Plan Review (pg. 34)

| | |
|----------------------------|---|
| Project Name: | Yew Street Gate |
| Applicant/Owner: | Gerardo Ayala |
| Property Address: | 710 S Yew Street |
| Contact Phone: | 360.508.1287 |
| Email: | Not provided |
| Zone: | R:8 Medium Density Residential |
| Comp. Plan: | MDR, Medium Density Residential |
| Parcel Information: | 003576-000-000, 0.36 AC |
| Request: | Allow installation of an access gate within 40-feet of an intersection. |

Permit Report

| Permit # | Permit Date | Building/ Land Use | Permit Type | CONSTRUCTION SITE ADDRESS | Description of work being done under this permit | Applicant Name |
|----------|-------------|--------------------|-------------------------------|--------------------------------|---|-----------------|
| 20250317 | 5/19/2025 | Building Permit | Single Family Residence - New | 1454 Salzer Creek Loop/ Lot 46 | Lot 46 - New Single Family Residence 3 Bed 2.5 Bath Total SF 1907, Garage SF 436, Porch/Patio SF 142 | Briana Gorman |
| 20250318 | 5/19/2025 | Building Permit | Single Family Residence - New | 1448 Salzer Creek Loop/ Lot 47 | New Single Family Residence 2 story 3 bed 2.5 bath 1907 sq ft heated, 436 sq ft garage, 124 sq. ft. covered entry porch, 100 sq. ft. cover patio. Stock Plan 1959 B GL Lot 47 | Briana Gorman |
| 20250319 | 5/19/2025 | Building Permit | Single Family Residence - New | 1440 Salzer Creek Loop/Lot 48 | NEW SINGLE FAMILY RESIDENCE 2 STORY 3 BED 2.5 BATH 1586 SF HEATED, 391 SF GARAGE, 82 ST COVERED ENTRY PORCH, 100 SF COVERED PATIO STOCK PLAN 1535 | Briana Gorman |
| 20250320 | 5/19/2025 | Building Permit | Single Family Residence - New | 1434 Salzer Creek Loop/ Lot 49 | NEW SFR 2 STORY 4 BED 2.5 BATH 2447 SF HEATED, 391 SF GARAGE Left, 116 ST COVERED ENTRY PORCH, 100 SF COVERED PATIO STOCK PLAN 2378 ELEV C LOT 49 | Briana Gorman |
| 20250323 | 5/19/2025 | Building Permit | Single Family Residence - New | 1424 Salzer Creek Loop/ Lot 50 | New SFR 2 story 3 bed 2.5 bath 1907 sf heated, 436 sf garage, 124 sf covered entry porch, 100 sf covered patio. Stock Plan 1797B GR | Briana Gorman |
| 20250324 | 5/19/2025 | Building Permit | Multi-family-New Build | 3219 Russell Road | New Triplex | Brandon Johnson |
| 20250325 | 5/20/2025 | Building Permit | Single Family Residence - New | 1406 Salzer Creek Loop/Lot 51 | NEW SFR 2 STORY, 3 BED 2.5 BATH 2015 SF HEATED, 458 SF GARAGE, 127 SF COVERED ENTRY PORCH, 100 SF REAR COVER PATIO. STOCK PATIO 1959A GARAGE LEFT LOT 51 | Briana Gorman |

| | | | | | | |
|----------|-----------|-----------------|--------------------------------|--------------------------------|---|--|
| 20250326 | 5/20/2025 | Building Permit | Single Family Residence - New | 1402 Salzer Creek Loop/ Lot 52 | NEW SFR 2 STORY 4 BED 2.5 BATH 2447 SF HEATED 391 SF GARAGE 116 SF COVERED ENTRY PORCH 100 SF COVERED PATIO STOCK PLAN 2378 ELEV. C LOT 52 | Briana Gorman |
| 20250327 | 5/20/2025 | Land Use | SEPA | City limits of Centralia | 2025 City of Centralia Comprehensive Plan Update | Emil Pierson, Community Development Director |
| 20250329 | 5/21/2025 | Building Permit | Change of Occupancy Inspection | 1106 W Main Street | Change of Occupancy to Tire Store | Jose Luis Garcia Mendez |
| 20250331 | 5/21/2025 | Building Permit | Single Family Residence - New | 1392 Salzer Creek Loop/ Lot 53 | New SFR 2 Story 3 bed 2.5 bath 1586 sf heated 391 sf garage 82 covered entry porch 100 sf covered rear patio stock plan 1535 elev. B Lot 53 | Briana Gorman |
| 20250332 | 5/21/2025 | Building Permit | Single Family Residence - New | 1380 Salzer Creek Loop/ Lot 54 | New SFR 2 story 3 bed 2.5 bath 2015 sf heated 458 sf garage 127 sf covered entry porch 100 sf covered rear patio stock plan 1959C Garage Right Lot 54 | Briana Gorman |
| 20250333 | 5/21/2025 | Building Permit | Single Family Residence - New | 1399 Salzer Creek Loop/Lot 31 | New SFR 2 Story 3 Bed 2.5 Bath 1907 Sf Heated 436 sf garage 124 covered entry porch 100 sf rear covered patio Stock Plan 1797A Garage Right Lot 31 | Briana Gorman |
| 20250334 | 5/21/2025 | Building Permit | Single Family Residence - New | 1383 Salzer Creek Loop/Lot 30 | New SFR 2 story 3 bed 2.5 bath 1586 sf heated 391 sf garage 82 sf covered entry porch 100 sf covered rear patio Stock patio 1535 elev C Lot 30 | Briana Gorman |
| 20250335 | 5/21/2025 | Building Permit | Single Family Residence - New | 1367 Salzer Creek Loop/ Lot 29 | New SFR 2 story 3 bed 2.5 bath 2015 sf heated 458 sf garage 127 sf covered entry porch 100 sf rear covered patio stock plan 1959B garage right lot 29 | Briana Gorman |

| | | | | | | |
|----------|-----------|-----------------|---|--------------------------------|---|---------------------------------|
| 20250336 | 5/21/2025 | Building Permit | Single Family Residence - New | 1351 Salzer Creek Loop/ Lot 28 | New SFR 2 story 4 bed 2.5 2447 sf heated 391 sf garage 116 sf covered entry porch 100 sf covered rear patio stock plan 2378 elev C Lot 28 | Briana Gorman |
| 20250337 | 5/21/2025 | Building Permit | Plumbing | 3134 Zenkner Valley Road | Roughing in new bathroom & kitchen. | Michael Ang |
| 20250338 | 5/21/2025 | Building Permit | Mechanical | 200 S Yew St | Heat pump installation | Elissa Carbajal |
| 20250330 | 5/21/2025 | Building Permit | Demolition | 3108 Fords Prairie Ave | Full structure residential demo | Brady Helland |
| 20250339 | 5/22/2025 | | Mechanical | 1317 Stillwaters Ave | Replace heat pump | Crystal Waltz |
| 20250340 | 5/22/2025 | Building Permit | Mechanical | 1317 Stillwaters Ave. | Replace heat pump | Crystal Waltz |
| 20250341 | 5/22/2025 | Building Permit | Demolition | 824 G Street | Demo interior for remodel | Jaswinder Kaur, JAS Enterprises |
| 20250342 | 5/22/2025 | Building Permit | Mechanical | 209 W Main Street | Install York Heat Pump | Chehalis Sheet Metal |
| 20250343 | 5/23/2025 | Building Permit | Manufactured Home (single wide) Placement | 1112 S Yew Street, Sp. 13 | Manufactured Home Installation | Jennifer Craig |
| 20250349 | 5/27/2025 | Building Permit | Single Family Residence - New | 202 E Van Buren | Roof, plumbing, insulation, sheetrock, floors, stairs. Rebuild Garage | Isidro Dominguez |



DESIGN → PERMIT → MANAGE

March 17, 2025

Patty Page, PE
City of Centralia Engineer
1100 N. Tower Ave
Centralia, WA 98531
ppage@cityofcentralia.com

Re: The Ponds – Access Deviation Request
RBE NO. 21101

Dear Patty:

I am writing to formally request a deviation regarding The Ponds access points to Cooks Hill Road for our proposed development as outlined in Section 4.11.3 of the City of Centralia Development Guidelines.

Our project involves the construction of a multi-family residential development located at 2200 Cooks Hill Road. We acknowledge the standard requirement for access points to be spaced at least 200 feet apart. However, due to the unique characteristics of our property and surrounding area, we are seeking permission to position two access points approximately 160 feet centerline to centerline. Below is our justification for this deviation request:

1. Site Constraints: The geometry of the property and the large onsite wetland and buffer necessitates the placement of two access points less than 200 feet apart. We have placed the access points 160 feet apart to adequately service the 42 residential unit development while ensuring safety and accessibility for residents and visitors. The two access points have been designed to maximize the distance between the two points.
2. Traffic Considerations: The secondary road is a City requirement because the project exceeds 30 residential units. The project will utilize and designate a main entrance on the west driveway approach which is also wider than the secondary approach. We estimate 90% of the site traffic will utilize this main access as it provides direct access to new residential units. RBE staff reviewed existing site distances at both entrances and determined their location provide adequate intersection site distance and will not impact public safety for traffic on Cooks Hill Road.

In conclusion, we believe that allowing our proposed access points to be closer than 200 feet apart will significantly benefit our development and surrounding community without compromising safety or traffic operations. We respectfully request the Department's consideration of this deviation and would be happy to provide any additional information or documentation needed to support our request.

Sincerely,

Robert W. Balmelli PE
President

cc: Project file

SURVEY INFORMATION

LEGAL DESCRIPTION

SECTION 07 TOWNSHIP 14N RANGE 02W PT NW SW TRCT A BL
2010-3 3349882

VERTICAL DATUM

NAVD88

BASIS OF BEARING

PER AFN: 3349882 - BLA# BL 2010-3
TBM#1: N: 13355.78 E: 15384.52, ELEV.=174.23
TBM#2: N: 13323.00 E: 16406.67, ELEV.=189.48

GEOTECHNICAL NOTE

A GEOTECHNICAL REPORT WAS PREPARED FOR THIS PROJECT BY INSIGHT GEOLOGIC, INC. DATED, SEPTEMBER 29, 2024. ALL RETAINING WALL CONSTRUCTION, EARTHWORK, SUB-GRADE PREPARATION, AND PAVING ACTIVITIES SHALL COMPLY WITH THE GEOTECHNICAL REPORT.

WORK IN CITY RIGHT-OF-WAY

CONTRACTOR TO OBTAIN RIGHT OF WAY PERMIT PRIOR TO ANY WORK WITHIN CITY RIGHT OF WAY. ALL WORK WITHIN CITY RIGHT OF WAY SHALL ADHERE TO CITY STANDARDS AS OUTLINED IN THE RIGHT OF WAY PERMIT.

TOPOGRAPHIC NOTE

TOPOGRAPHIC INFORMATION DEPICTED HEREON WAS PROVIDED BY FORESIGHT SURVEYING, INC. TOPOGRAPHIC INFORMATION WAS NOT FIELD VERIFIED BY RB ENGINEERING.

LEGEND

| EXISTING | PROPOSED | |
|----------|----------|---------------------------|
| W | W | WATER MAIN |
| SS | SS | SANITARY SEWER MAIN |
| FM | FM | FORCE MAIN |
| SD | SD | STORM MAIN |
| RD | RD | ROOF DRAIN |
| HD | HD | FOOTING DRAIN |
| G | G | GAS LINE |
| UGP | UGP | POWER LINE |
| T | T | TELEPHONE LINE |
| TV | CATV | CABLE TV LINE |
| — | — | ROADWAY CENTERLINE |
| — | — | RIGHT-OF-WAY LINE |
| — | — | EASEMENT LINE |
| — | — | FRONT/BACK OF CURB |
| — | — | EDGE OF GRAVEL |
| — | — | EDGE OF PAVEMENT |
| — | — | SAWCUT LINE |
| — | — | TOP/TOE OF SLOPE |
| — | — | BUILDING ENVELOPE/SETBACK |
| GB | GB | GRADE BREAK |
| XXX | XXX | CONTOUR LINE |
| — | — | FENCE |
| — | — | SILT FENCING |
| — | — | CLEARING LIMITS |
| — | — | DRAINAGE BASIN BOUNDARY |
| — | — | SWALE/DITCH CENTERLINE |

NOTE

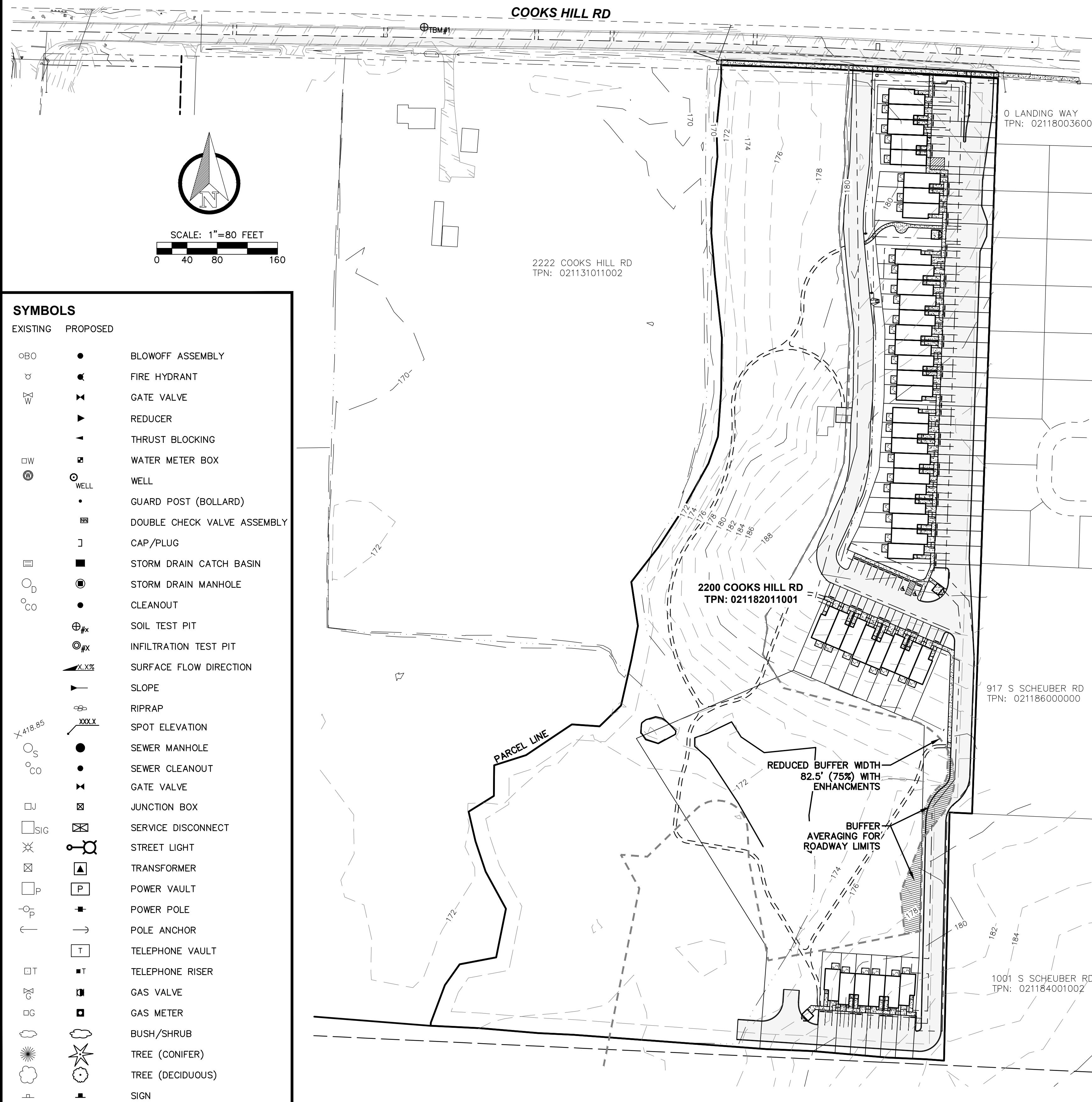
A PRECONSTRUCTION MEETING AND ENGINEERING PERMIT IS REQUIRED PRIOR TO START OF WORK. ALL MATERIALS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO USE. AN INSPECTION OF ALL WORK WILL BE REQUIRED IN ACCORDANCE WITH CHAPTER 1.11 OF THE DEVELOPMENT GUIDELINES. FAILURE TO SCHEDULE INSPECTIONS OR OBTAIN MATERIAL APPROVAL PRIOR TO USE MAY RESULT IN STOP WORK ORDERS, REMOVAL OF WORK ACCOMPLISHED OR OTHER PENALTIES.

THE PONDS PUD

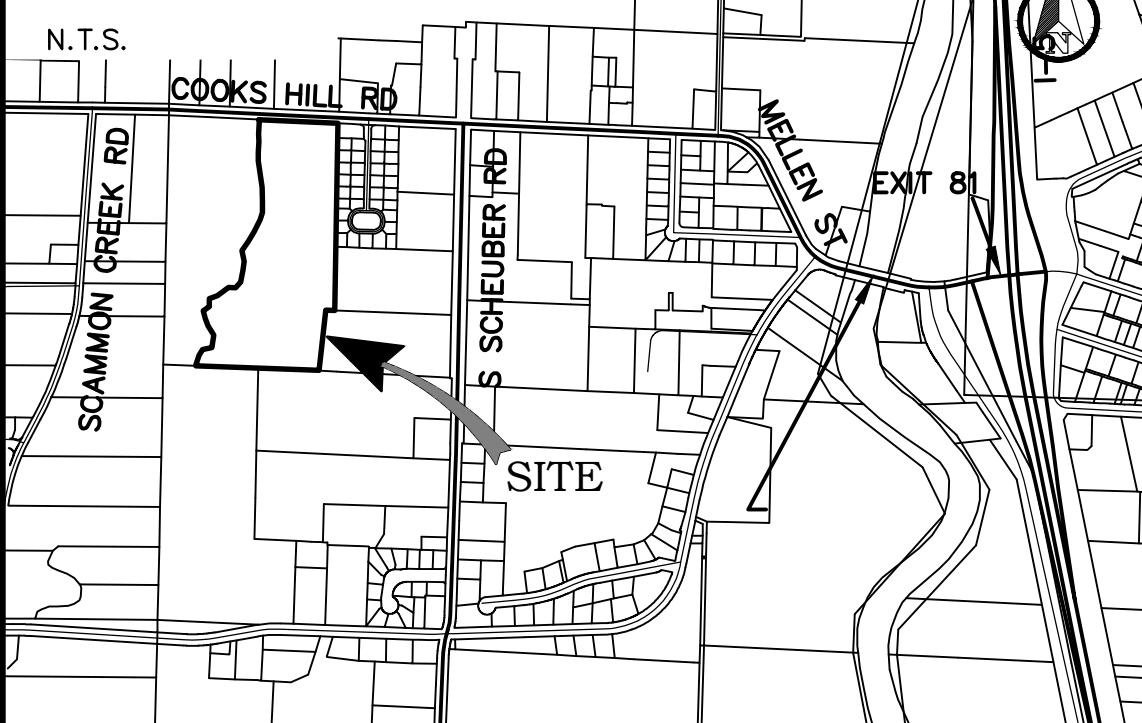
SECTION 07, TOWNSHIP 14 NORTH, RANGE 02 WEST, W.M.
LEWIS COUNTY, WASHINGTON

| |
|--|
| APPROVED FOR CONSTRUCTION |
| BY: _____ DATE: _____ |
| CITY ENGINEER |
| APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE. |

COOKS HILL RD



VICINITY MAP



PROJECT INFORMATION

APPLICANT: KRISTA OLSON VERDIN
NORSKI REALTY, LLC
KRISTA: KRISTAOOLSONVERDIN@GMAIL.COM
(949)607-9807
KARAN OLSON: KARANOLSON2020@GMAIL.COM
(310)872-0893

SURVEYOR: JOHN GOODMAN
FORESIGHT SURVEYING, INC.
(360) 748-4000

PARCEL NO: 021182011001

SITE ADDRESS: 2200 COOKS HILL RD
CENTRALIA, WA 98531

ZONING: R4 (LOW DENSITY)

SITE AREA: 13.88 AC

SANITARY SEWER: CITY OF CENTRALIA

WATER: CITY OF CENTRALIA

FIRE DISTRICT: CITY OF CENTRALIA

R4 SETBACKS: FRONT: 20'
SIDES: 5'
REAR: 25'
CORNER: 15' TO LIVING AREA
20' TO GARAGE

PUD CODE SUMMARY

SOILS: 47 CHEHALIS SILT LOAM
118 LACAMAS SILT LOAM (0-3% SLOPES)
172 REED SILTY CLAY LOAM
193 SCAMMAN SILTY CLAY LOAM (0-5% SLOPES)
194 SCAMMAN SILTY CLAY LOAM 5-15% SLOPES

WATERSHED: WRIA 23 - UPPER CHEHALIS

OPEN SPACE REQ: 30% GLA = 4.16 AC
OPEN SPACE PROP: A+B+C = 7.54 + 0.17 + 3.23 = 10.94AC 78%

STREET ROW REQ: 20% GLA = 5.10 AC
STREET ROW PROP: ROAD A = ~1.58 AC (PRIVATE)

DENSITY CALCULATIONS
R-4 ALLOWED: 4 DU / AC
PERCENT INCREASE (R-4): 25% ALLOWED

13.88 AC - 5.10 AC = 8.78 AC
8.78 AC x 4DU/AC = 35.12 (35 DU)
25% INCREASE = 35DU(0.25) = 8.75 (9 DU)
MAXIMUM DU = 35 DU + 9 DU = 45 DU

PROPOSED DU = 42 DU
PROPOSED DENSITY = 3.02 DU/AC (GROSS)

SHEET INDEX

| | |
|-------|--|
| C0.1 | CIVIL COVER SHEET AND SITE PLAN |
| C0.2 | EXISTING SITE TOPOGRAPHY AND UTILITIES |
| C1.1 | HORIZONTAL CONTROL PLAN NORTH |
| C1.2 | HORIZONTAL CONTROL PLAN SOUTH |
| C2.1 | OVERALL GRADING PLAN |
| C2.2 | ROAD AND DRAINAGE PLAN AND PROFILE |
| C2.3 | ROAD AND DRAINAGE PLAN AND PROFILE |
| C2.4 | ROAD AND DRAINAGE PLAN AND PROFILE |
| C2.5 | ROAD AND DRAINAGE PLAN AND PROFILE |
| C2.6 | ROAD AND DRAINAGE PLAN AND PROFILE |
| C2.7 | ROAD DETAILS AND NOTES |
| C2.8 | DRAINAGE DETAILS AND NOTES |
| C2.9 | ROAD AND DRAINAGE PLAN |
| C2.10 | DETAILS |
| C3.1 | OFFSITE SEWER SERVICE PLAN AND PROFILE |
| C3.2 | OFFSITE SEWER SERVICE PLAN AND PROFILE |
| C3.3 | SEWER SERVICE PLAN AND PROFILE |
| C3.4 | SEWER SERVICE PLAN AND PROFILE |
| C3.5 | WATER SERVICE PLAN AND PROFILE |
| C3.6 | WATER AND SEWER SERVICE PLAN AND PROFILE |
| C3.7 | WATER AND SEWER SERVICE PLAN AND PROFILE |
| C3.8 | SEWER DETAILS AND NOTES |
| C3.9 | WATER DETAILS AND NOTES |
| C4.1 | FRONTAGE IMPROVEMENT PLAN AND PROFILE |
| C4.2 | FRONTAGE IMPROVEMENT DETAILS AND NOTES |
| C5.1 | STREET LIGHTING PLAN |
| C5.2 | STREET LIGHTING DETAILS AND NOTES |
| C6.1 | EROSION CONTROL PLAN |
| C6.2 | EROSION CONTROL DETAILS AND NOTES |

RB Engineering
DESIGN → PERMIT → MANAGE

OFF: (360) 740-1819
Email: rb@rbengineering.com

811
Know what's below.
Call 811 before you dig

P.O. Box 923, 98532
CENTRALIA, WA

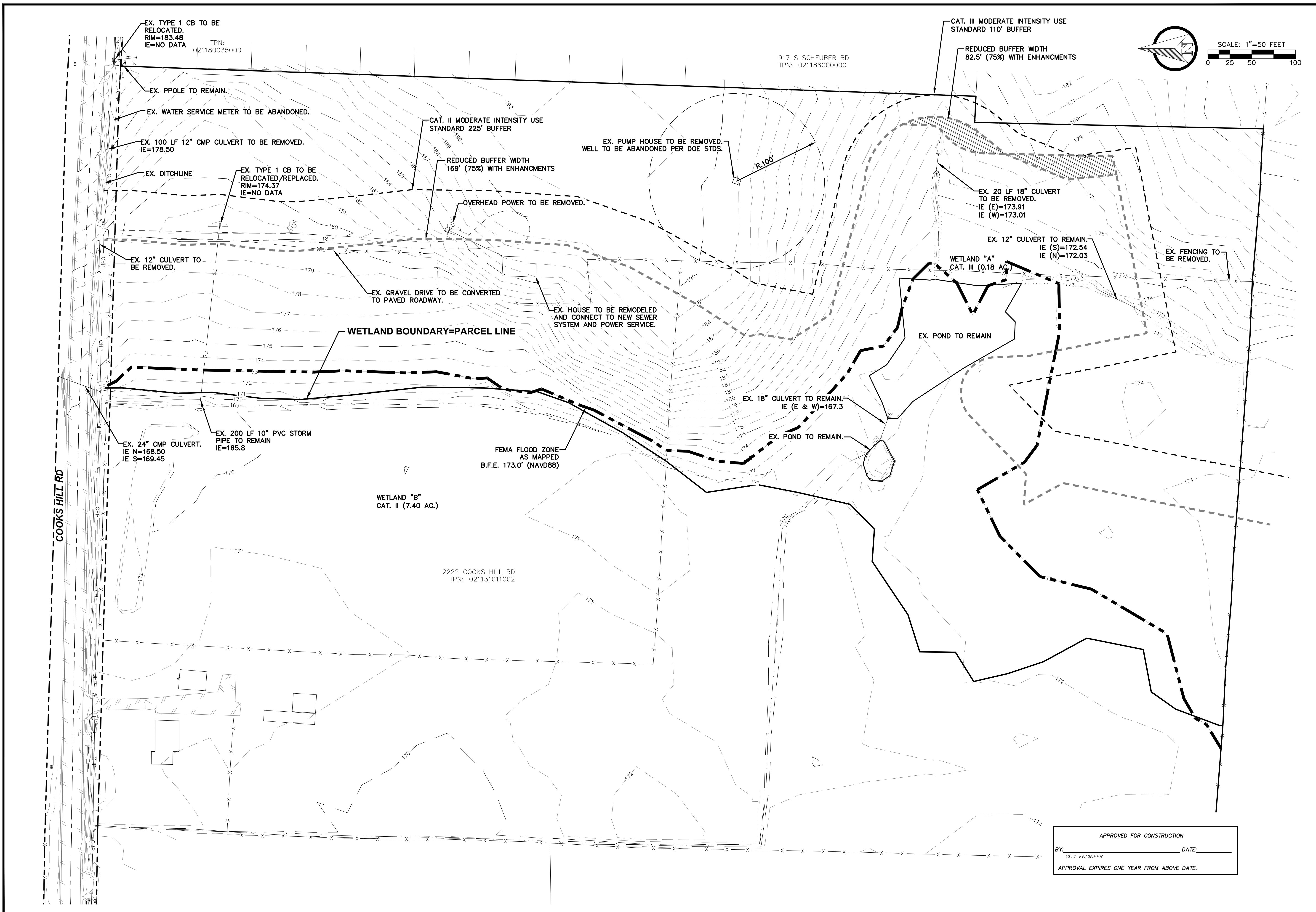
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21101

DRAWING NAME
C0.1_COVR

C0.1

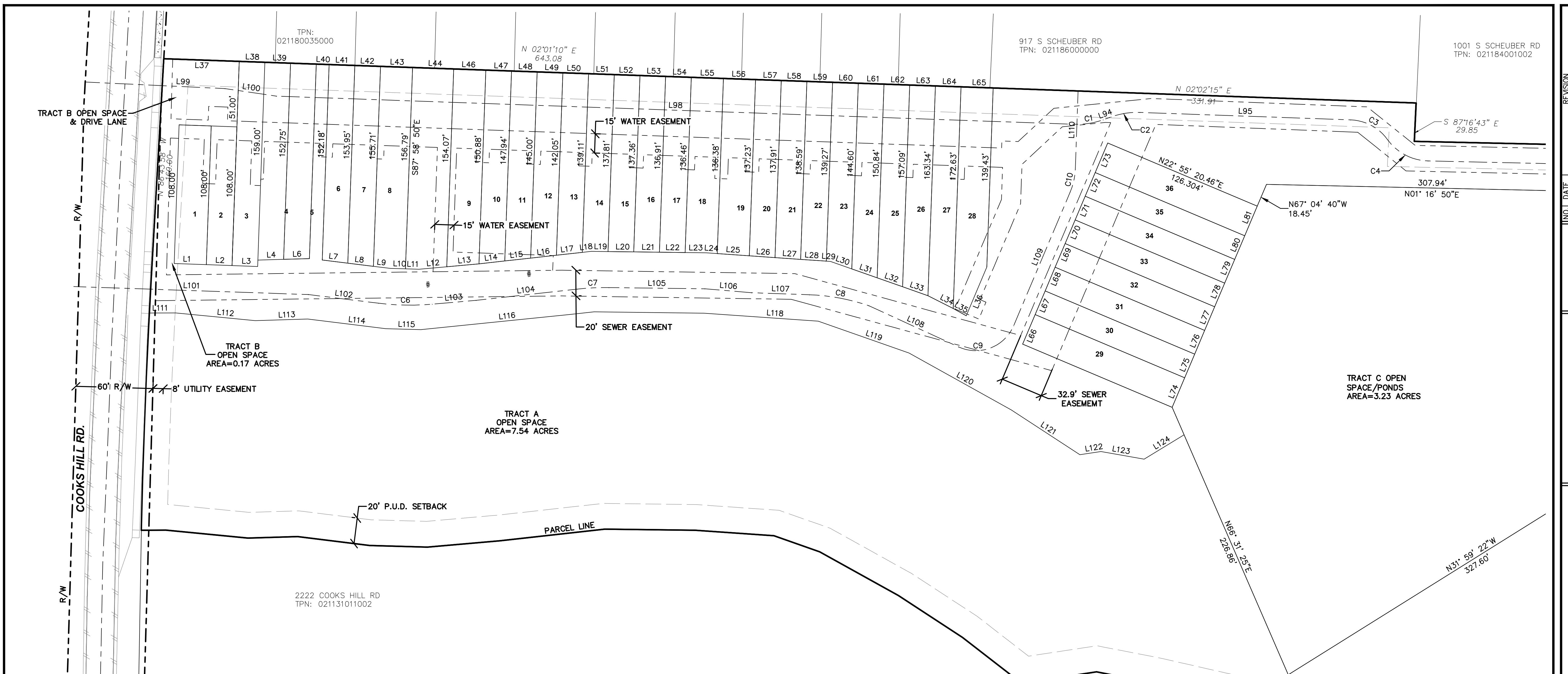
1 OF 29

REVISION
NO. DATE
1 3/17/25
2 4/24/25
1ST REVIEW COMMENTS
2ND REVIEW COMMENTS



| | |
|--|---------------|
| DESIGNED BY: CLA/RWB | NO. DATE |
| DRAWN BY: CLA/ALE | 1 3/17/25 |
| CHECKED BY: RWB | 2 4/24/25 |
| DATE: 03/14/2025 | SCALE: 1"=50' |
| THE PONDS PUD | |
| EXISTING SITE TOPOGRAPHY AND UTILITIES | |
| CITY OF CENTRALIA | |
| CITY OF TACOMA | |
| RB Engineering | |
| DESIGN → PERMIT → MANAGE | |
| P.O. Box 923 Olympia, WA 98522 Email: rbengineering@rbengineering.com | |
| 811 Know what's below. Call 811 before you dig. | |
| JOB NUMBER 21101 | |
| DRAWING NAME CO.2_EXPL | |
| C0.2 2 OF 29 | |

ROBERT W. BAILEY
REGISTERED PROFESSIONAL ENGINEER
PEPSI

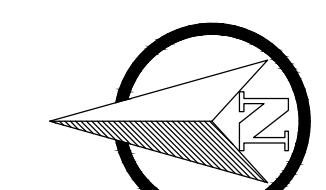


| SEGMENT TABLE | | |
|----------------|--------|------------------|
| Line #/Curve # | Length | Direction/Delta |
| L1 | 25.0 | N02° 01' 09.63"E |
| L2 | 20.0 | N02° 01' 09.63"E |
| L3 | 20.0 | N02° 01' 09.63"E |
| L4 | 20.0 | S01° 42' 01.52"E |
| L6 | 20.0 | S01° 42' 01.52"E |
| L7 | 20.1 | S07° 02' 38.57"W |
| L8 | 20.1 | S07° 02' 38.57"W |
| L9 | 13.3 | S07° 02' 38.57"W |
| L10 | 11.7 | S01° 33' 56.86"W |
| L11 | 10.5 | S01° 33' 56.86"W |
| L12 | 21.6 | S04° 58' 17.61"E |
| L13 | 25.2 | S05° 14' 52.73"E |
| L14 | 20.2 | S06° 21' 00.98"E |
| L15 | 20.2 | S06° 21' 00.98"E |
| L16 | 20.2 | S06° 21' 00.98"E |
| L17 | 20.2 | S06° 21' 00.98"E |
| L18 | 7.0 | S06° 21' 00.98"E |
| L19 | 13.1 | S00° 44' 26.64"W |
| L20 | 20.0 | S00° 44' 26.64"W |
| L21 | 20.0 | S00° 44' 26.64"W |

| Line #/Curve # | Length | Direction/Delta | Line #/Curve # | Length | Direction/Delta |
|----------------|--------|------------------|----------------|--------|------------------|
| L22 | 20.0 | S00° 44' 26.64"W | L42 | 20.0 | S02° 01' 20.19"W |
| L23 | 16.5 | S00° 44' 26.64"W | L43 | 25.0 | S02° 01' 10.89"W |
| L24 | 8.5 | S03° 57' 45.75"W | L44 | 32.0 | S02° 01' 02.06"W |
| L25 | 25.0 | S03° 57' 45.75"W | L46 | 25.0 | S02° 01' 09.63"W |
| L26 | 20.0 | S03° 57' 45.75"W | L47 | 20.0 | S02° 01' 10.89"W |
| L27 | 20.0 | S03° 57' 45.75"W | L48 | 20.0 | S02° 01' 10.89"W |
| L28 | 20.0 | S03° 57' 45.75"W | L49 | 20.0 | S02° 01' 10.89"W |
| L29 | 3.3 | S03° 57' 45.75"W | L50 | 20.0 | S02° 01' 10.89"W |
| L30 | 17.5 | S19° 22' 12.20"W | L51 | 20.0 | S02° 00' 48.94"W |
| L31 | 21.0 | S19° 22' 12.20"W | L52 | 20.0 | S02° 01' 32.83"W |
| L32 | 21.0 | S19° 22' 12.20"W | L53 | 20.0 | S02° 01' 10.89"W |
| L33 | 21.0 | S19° 22' 12.20"W | L54 | 20.0 | S02° 01' 10.89"W |
| L34 | 22.1 | S26° 55' 28.93"W | L55 | 25.0 | S02° 01' 10.89"W |
| L35 | 11.6 | S29° 04' 01.23"W | L56 | 25.0 | S02° 01' 10.89"W |
| L36 | 41.2 | N67° 04' 39.54"W | L57 | 20.0 | S02° 01' 10.89"W |
| L37 | 58.8 | N01° 58' 25.27"E | L58 | 20.0 | S02° 01' 10.89"W |
| L38 | 20.0 | S01° 59' 57.72"W | L59 | 20.0 | S02° 01' 10.89"W |
| L39 | 20.0 | S02° 01' 10.89"W | L60 | 20.0 | S02° 01' 10.89"W |
| L40 | 10.0 | S02° 00' 54.78"W | L61 | 20.0 | S02° 01' 10.89"W |
| L41 | 20.0 | S02° 01' 09.63"W | L62 | 20.0 | S02° 01' 10.89"W |

| Line #/Curve # | Length | Direction/Delta | Line #/Curve # | Length | Direction/Delta |
|----------------|--------|------------------|----------------|--------|-----------------|
| L63 | 20.0 | S02° 01' 10.89"W | L83 | 20.0 | S86° 17' 29.9 |
| L64 | 20.0 | S02° 01' 11.41"W | L84 | 20.0 | S86° 17' 43.3 |
| L65 | 25.0 | S02° 01' 16.80"W | L85 | 20.0 | S86° 17' 36.6 |
| L66 | 25.0 | N67° 04' 39.54"W | L86 | 20.0 | S86° 17' 37.7 |
| L67 | 20.0 | N67° 04' 39.54"W | L87 | 23.0 | S86° 17' 36.6 |
| L68 | 20.0 | N67° 04' 39.54"W | L88 | 23.0 | N87° 23' 56.0 |
| L69 | 20.0 | N67° 04' 39.54"W | L89 | 10.7 | N87° 23' 56.0 |
| L70 | 20.0 | N67° 04' 39.54"W | L90 | 20.0 | N85° 05' 05.4 |
| L71 | 20.0 | N67° 04' 39.54"W | L91 | 20.0 | N85° 05' 05.6 |
| L72 | 20.0 | N67° 04' 39.54"W | L92 | 20.0 | N85° 05' 05.8 |
| L73 | 25.0 | N67° 04' 39.54"W | L93 | 25.0 | N85° 05' 06.6 |
| L74 | 25.0 | S67° 04' 39.54"E | L111 | 20.6 | S00° 16' 40.2 |
| L75 | 20.0 | S67° 04' 39.54"E | L112 | 62.2 | S05° 32' 35.7 |
| L76 | 20.0 | S67° 04' 39.54"E | L113 | 40.8 | S01° 42' 01.5 |
| L77 | 20.0 | S67° 04' 39.54"E | L114 | 61.3 | S07° 02' 38.5 |
| L78 | 20.0 | S67° 04' 39.54"E | L115 | 27.2 | S01° 33' 56.8 |
| L79 | 20.0 | S67° 04' 39.54"E | L116 | 115.9 | S05° 48' 52.4 |
| L80 | 20.0 | S67° 04' 39.54"E | L118 | 89.1 | S03° 57' 45.7 |
| L81 | 25.0 | S67° 04' 39.54"E | L119 | 74.9 | S19° 22' 12.2 |
| L82 | 25.0 | S86° 17' 36.62"E | L120 | 91.0 | S29° 05' 26.2 |

| | Line #/Curve # | Length | Direction/Delta |
|---|----------------|--------|------------------|
| E | L121 | 63.9 | S33° 08' 59.17"W |
| E | L122 | 16.6 | S08° 38' 14.00"E |
| E | L123 | 34.1 | S09° 58' 06.66"W |
| E | L124 | 36.4 | S31° 20' 30.95"E |
| E | L134 | 9.3 | N85° 05' 05.52"W |



SCALE: 1"=40 FEET

2222 COOKS HILL RD
TPN: 021131011002



RB Engineering

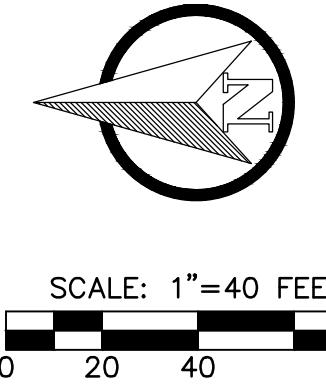
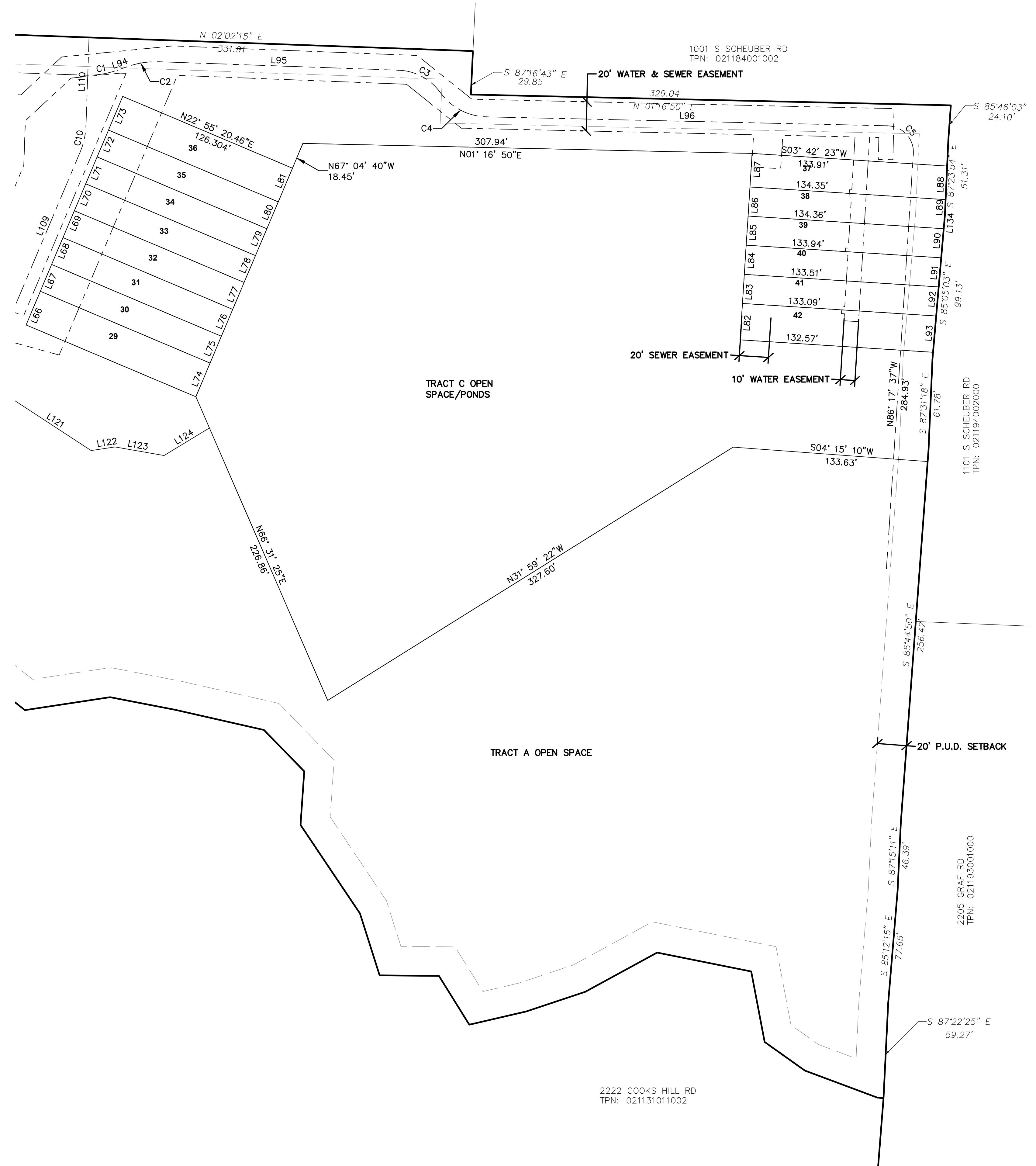
DESIGN → PERMIT → MANAGE

The logo for the 811 service. It features a stylized '8' and '1' in yellow and green, with a black outline. To the right of the logo is the text 'Know what's below.' in a bold, black, sans-serif font. Below that, 'Call 811 before you dig.' is written in a smaller, black, sans-serif font.

JOB NUMBER
21101

DRAWING
C1.1_
C1

APPROVED FOR CONSTRUCTION



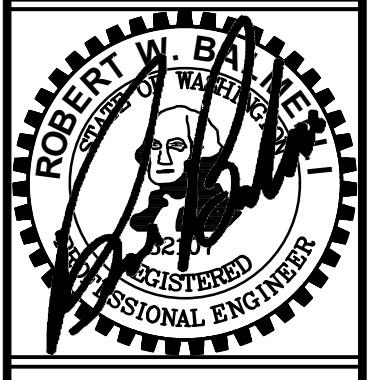
ADA NOTE:

ALL NEW SIDEWALKS SHALL NOT EXCEED 2% SIDE SLOPE AND ADA PARKING STALLS AND RAMP LANDINGS SHALL NOT EXCEED 2 PERCENT SLOPE IN ALL DIRECTIONS. ALL ADA ACCESSIBLE ROUTES IDENTIFIED ON THE PLANS SHALL NOT EXCEED 5% LONGITUDINAL GRADE. ALL ADA RAMPS SHALL NOT EXCEED 8% GRADE AND 2% CROSS SLOPE. CONTRACTOR IS RESPONSIBLE TO CHECK GRADES PRIOR TO CONCRETE AND PAVING WORK. ANY GRADES EXCEEDING THE ABOVE LIMITS WILL BE REQUIRED TO BE CORRECTED AT THE SOLE EXPENSE OF THE CONTRACTOR.

STAKING AND INSPECTION NOTE:

CONTRACTOR SHALL CALL RB ENGINEERING 48 HOUR PRIOR TO POURING CONCRETE BARRIER OR CURB AND GUTTER FOR INSPECTION.

| PONDS MAIN ACCESS RD | | | | | PONDS SECONDARY ACCESS RD | | | | |
|----------------------|--------|--------|------------|-----------|---------------------------|--------|--------|------------|-----------|
| Number | Length | Radius | Line/Chord | Direction | Number | Length | Radius | Line/Chord | Direction |
| C1 | 22.8 | 60.0 | S08° 52' | 17.84"E | C6 | 41.9 | 200.0 | S01° 02' | 10.48"W |
| C2 | 22.8 | 60.0 | S08° 52' | 17.84"E | C7 | 24.8 | 200.0 | S02° 48' | 17.17"E |
| C3 | 33.7 | 37.0 | S28° 07' | 29.46"W | C8 | 47.3 | 161.1 | S10° 25' | 53.39"W |
| C4 | 37.0 | 40.0 | S27° 45' | 19.84"W | C9 | 51.3 | 32.0 | S21° 11' | 32.09"E |
| C5 | 29.0 | 18.0 | S47° 29' | 36.90"W | C10 | 18.2 | 50.0 | S77° 31' | 44.95"E |
| L94 | 6.6 | | S19° 45' | 45.32"E | L101 | 182.7 | | S01° 56' | 55.13"W |
| L95 | 164.0 | | S02° 01' | 09.63"W | L102 | 55.0 | | S07° 02' | 38.57"W |
| L96 | 275.1 | | S01° 16' | 50.41"W | L103 | 34.2 | | S04° 58' | 17.61"E |
| L98 | 621.2 | | S02° 01' | 09.63"W | L104 | 79.1 | | S06° 21' | 00.98"E |
| L99 | 108.9 | | S02° 41' | 24.59"W | L105 | 74.7 | | S00° 44' | 26.64"W |
| L100 | 40.5 | | S08° 19' | 56.00"W | L106 | 36.5 | | S04° 46' | 38.01"W |
| L125 | 6.6 | | S19° 45' | 45.32"E | L107 | 45.1 | | S02° 01' | 09.63"W |
| L126 | 164.0 | | S02° 01' | 09.63"W | L108 | 76.8 | | S24° 41' | 35.35"W |
| L127 | 275.1 | | S01° 16' | 50.41"W | L109 | 113.1 | | S67° 04' | 39.54"E |
| L128 | 621.2 | | S02° 01' | 09.63"W | L110 | 60.8 | | S87° 58' | 50.37"E |
| L129 | 108.9 | | S02° 41' | 24.59"W | | | | | |



RB Engineering

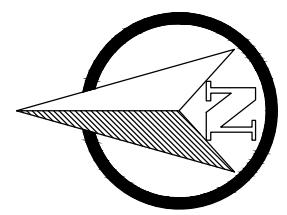
DESIGN → PERMIT → MANAGE

JOB NUMBER
21101

DRAWING NAME
C1.2_HCPL2

C1.2

4 OF 29



SCALE: 1"=20 FEET
0 10 20 40

ADA NOTE:

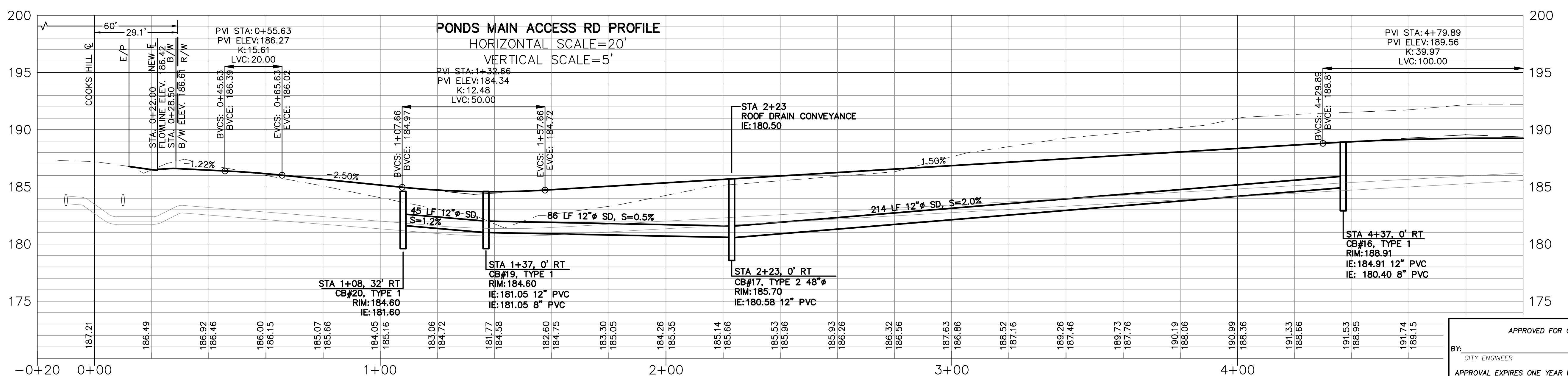
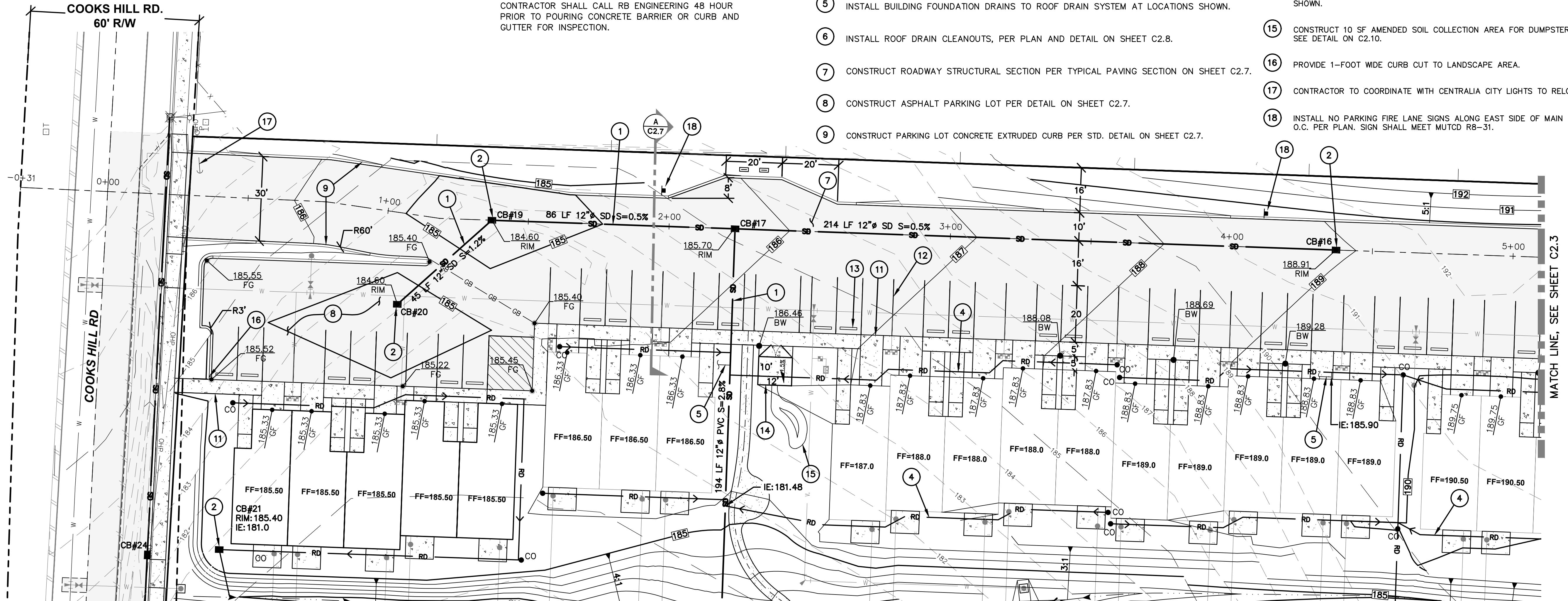
ALL NEW SIDEWALKS SHALL NOT EXCEED 1.5% SIDE SLOPE AND ADA PARKING STALLS AND RAMP LANDINGS SHALL NOT EXCEED 2 PERCENT SLOPE IN ALL DIRECTIONS. ALL ADA ACCESSIBLE ROUTES IDENTIFIED ON THE PLANS SHALL NOT EXCEED 5% LONGITUDINAL GRADE. ALL ADA RAMPS SHALL NOT EXCEED 8% GRADE AND 2% CROSS SLOPE. CONTRACTOR IS RESPONSIBLE TO CHECK GRADES PRIOR TO CONCRETE AND PAVING WORK. ANY GRADES EXCEEDING THE ABOVE LIMITS WILL BE REQUIRED TO BE CORRECTED AT THE SOLE EXPENSE OF THE CONTRACTOR.

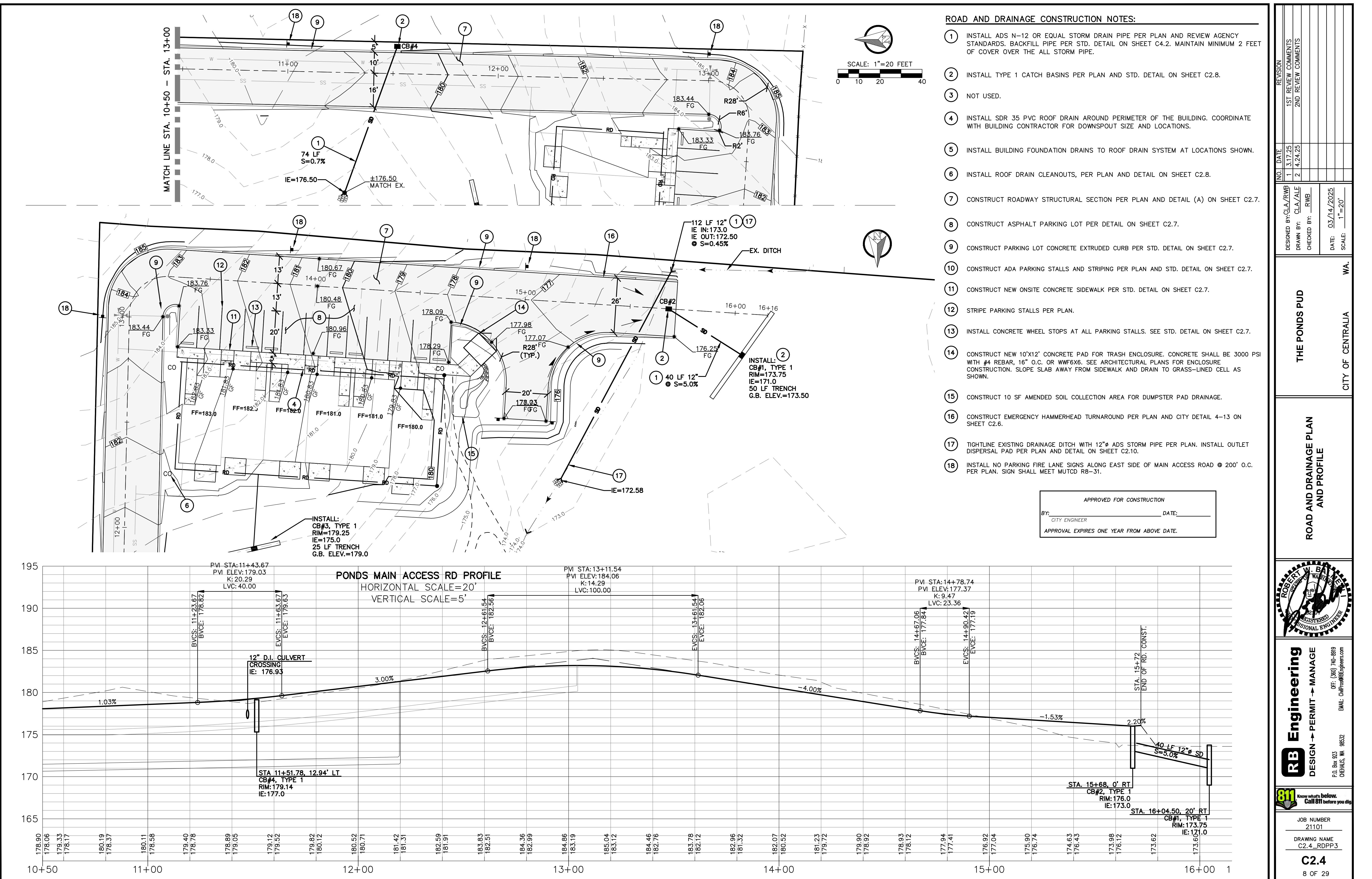
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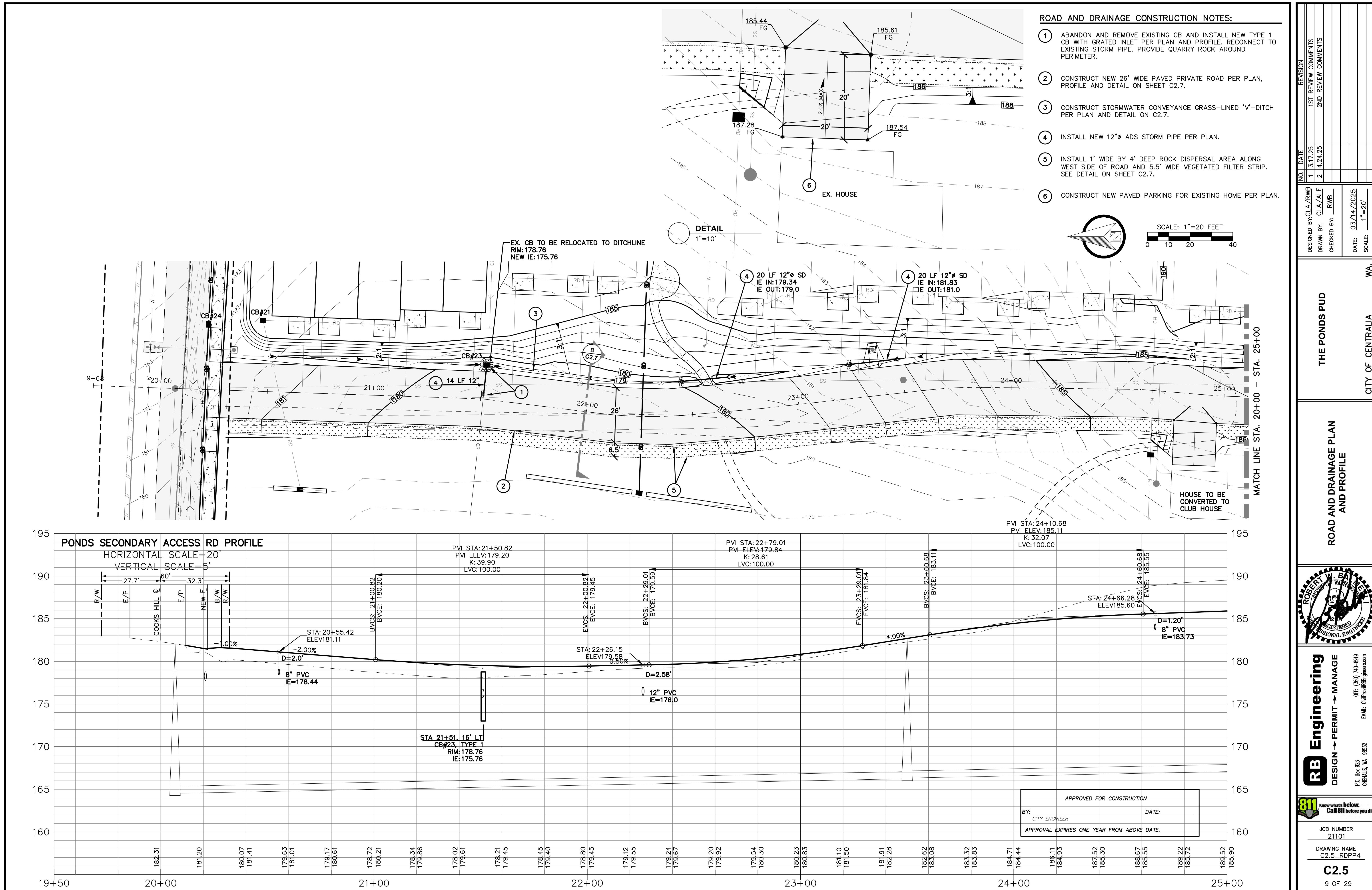
CONTRACTOR SHALL CALL RB ENGINEERING 48 HOUR PRIOR TO POURING CONCRETE BARRIER OR CURB AND GUTTER FOR INSPECTION.

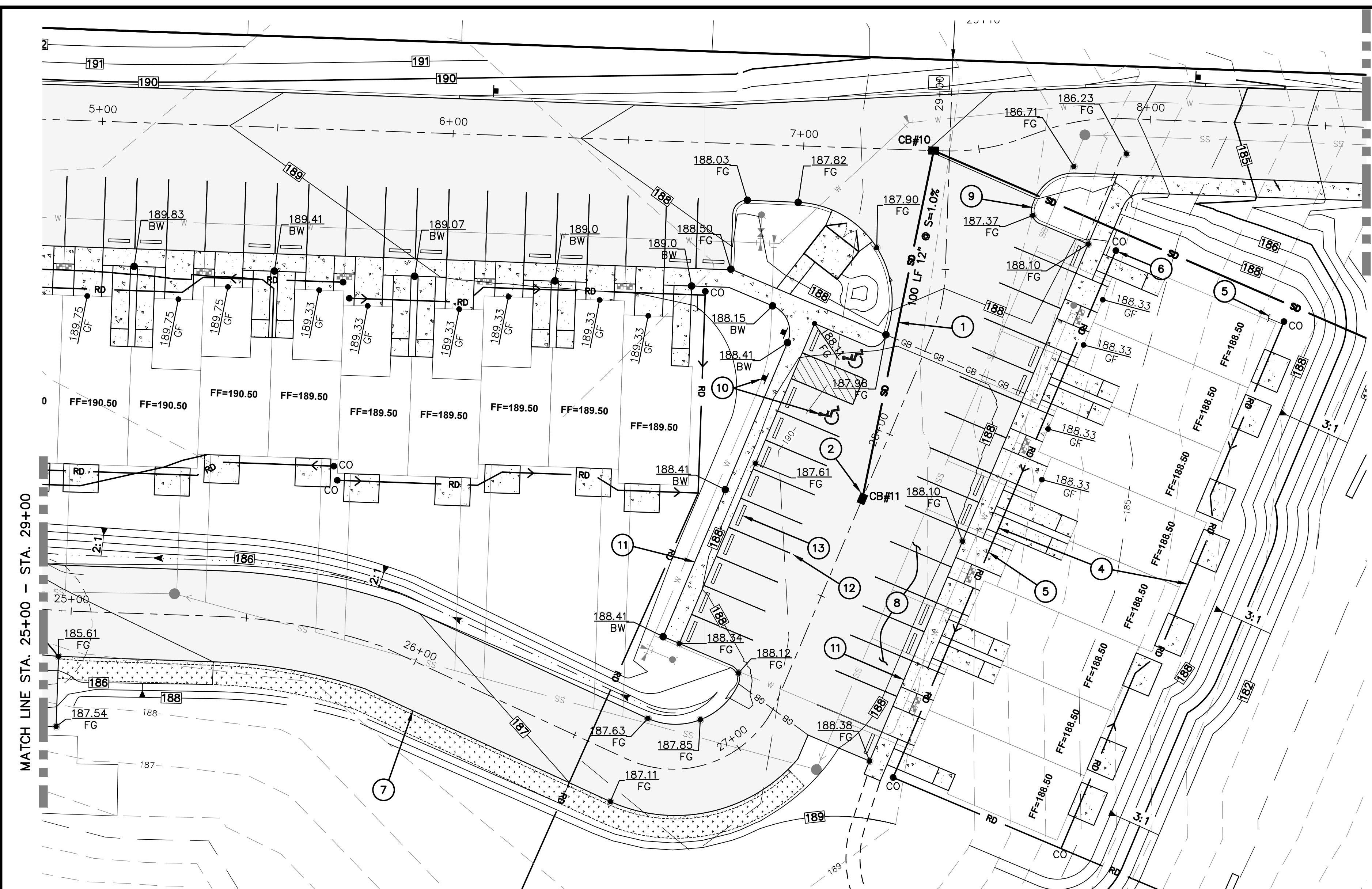
ROAD AND DRAINAGE CONSTRUCTION NOTES:

1. INSTALL ADS N-12 OR EQUAL STORM DRAIN PIPE PER PLAN AND REVIEW AGENCY STANDARDS. BACKFILL PIPE PER STD. DETAIL ON SHEET C4.2. MAINTAIN MINIMUM 2 FEET OF COVER OVER THE ALL STORM PIPE.
2. INSTALL TYPE 1 CATCH BASINS PER PLAN AND STD. DETAIL ON SHEET C2.8.
3. NOT USED.
4. INSTALL SDR 35 PVC ROOF DRAIN AROUND PERIMETER OF THE BUILDING. COORDINATE WITH BUILDING CONTRACTOR FOR DOWNSPOUT SIZE AND LOCATIONS. MIN. S=0.5%
5. INSTALL BUILDING FOUNDATION DRAINS TO ROOF DRAIN SYSTEM AT LOCATIONS SHOWN.
6. INSTALL ROOF DRAIN CLEANOUTS, PER PLAN AND DETAIL ON SHEET C2.8.
7. CONSTRUCT ROADWAY STRUCTURAL SECTION PER TYPICAL PAVING SECTION ON SHEET C2.7.
8. CONSTRUCT ASPHALT PARKING LOT PER DETAIL ON SHEET C2.7.
9. CONSTRUCT PARKING LOT CONCRETE EXTRUDED CURB PER STD. DETAIL ON SHEET C2.7.
10. CONSTRUCT ADA PARKING STALLS AND STRIPING PER PLAN AND STD. DETAIL ON SHEET C2.7.
11. CONSTRUCT NEW ONSITE CONCRETE SIDEWALK PER STD. DETAIL ON SHEET C2.7.
12. STRIPE PARKING STALLS PER PLAN AND DETAILS ON SHEET C2.7.
13. INSTALL CONCRETE WHEEL STOPS AT ALL PARKING STALLS. SEE STD. DETAIL ON SHEET C2.7.
14. CONSTRUCT NEW 10'x12' CONCRETE PAD FOR TRASH ENCLOSURE. CONCRETE SHALL BE 3000 PSI WITH #4 REBAR, 16" O.C. OR WW6X6. SEE ARCHITECTURAL PLANS FOR ENCLOSURE CONSTRUCTION. SLOPE SLAB AWAY FROM SIDEWALK AND DRAIN TO GRASS-LINED CELL AS SHOWN.
15. CONSTRUCT 10 SF AMENDED SOIL COLLECTION AREA FOR DUMPSTER PAD DRAINAGE. SEE DETAIL ON C2.10.
16. PROVIDE 1-FOOT WIDE CURB CUT TO LANDSCAPE AREA.
17. CONTRACTOR TO COORDINATE WITH CENTRALIA CITY LIGHTS TO RELOCATE POLE GUY WIRE.
18. INSTALL NO PARKING FIRE LANE SIGNS ALONG EAST SIDE OF MAIN ACCESS ROAD @ 200' O.C. PER PLAN. SIGN SHALL MEET MUTCD R8-31.





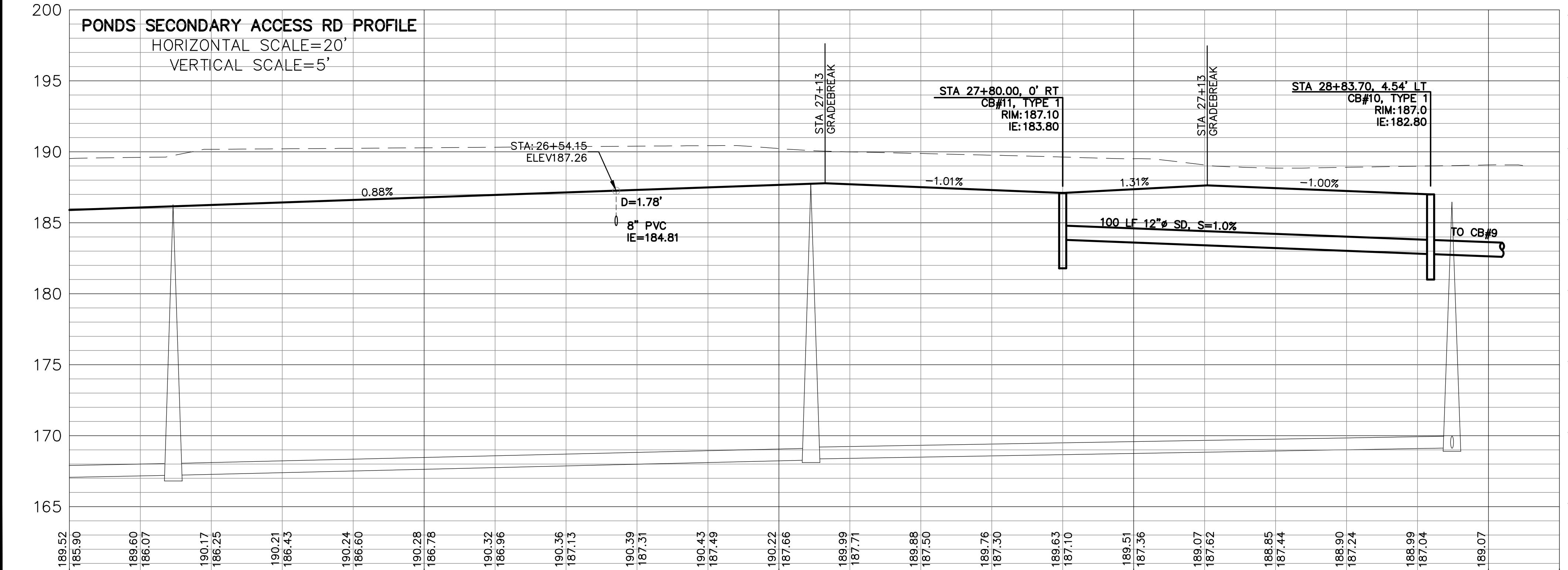
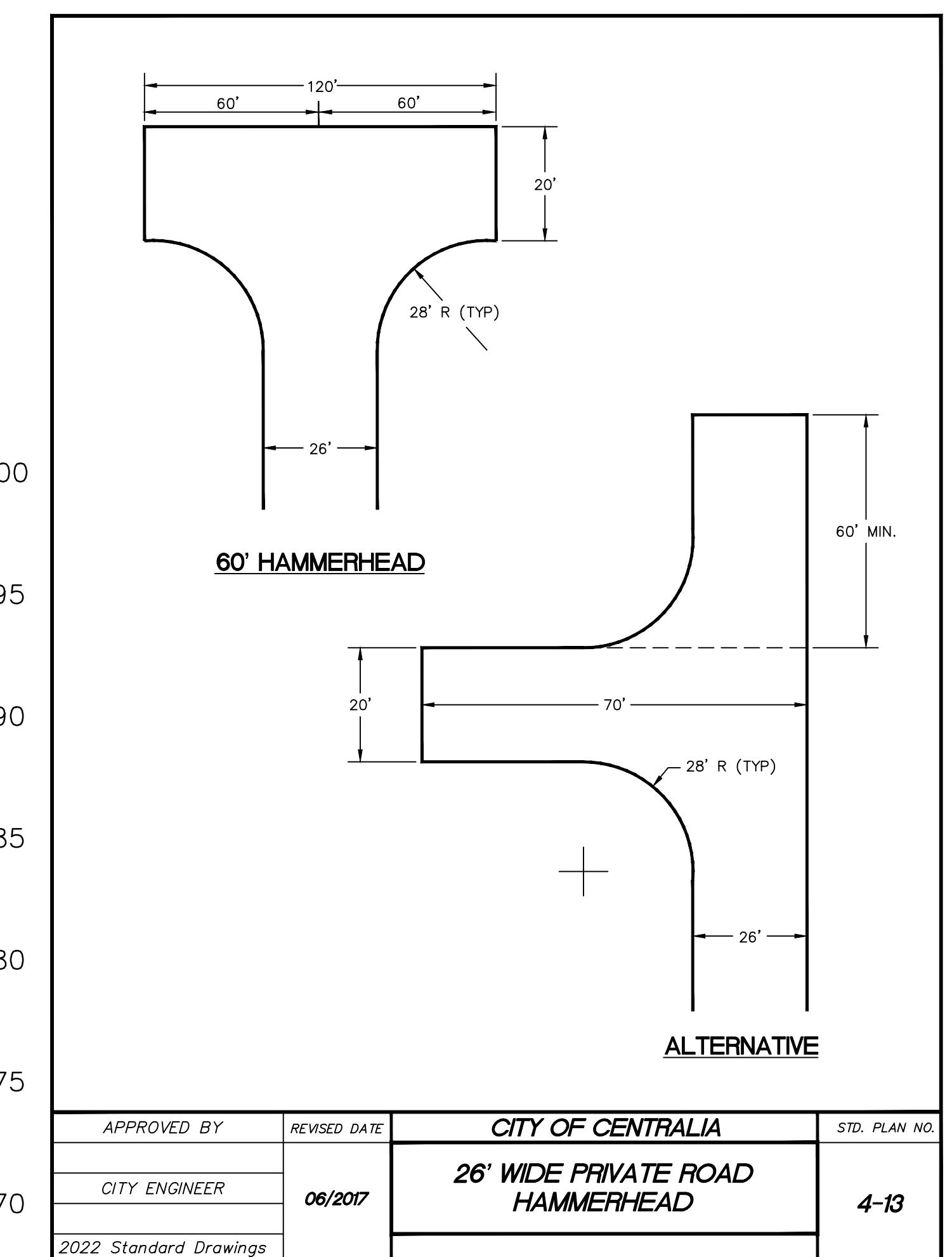




REVISION
1ST REVIEW COMMENTS
2ND REVIEW COMMENTS

NO. DATE
1 3/17/25
2 4/24/25

DESIGNED BY: CLA/RWB
DRAWN BY: CLA/ALF
CHECKED BY: RWB
DATE: 03/14/2025
SCALE: 1"=20'



THE PONDS PUD

CITY OF CENTRALIA

ROAD AND DRAINAGE PLAN AND PROFILE

60' HAMMERHEAD

200
195
190
185
180
175
170
165

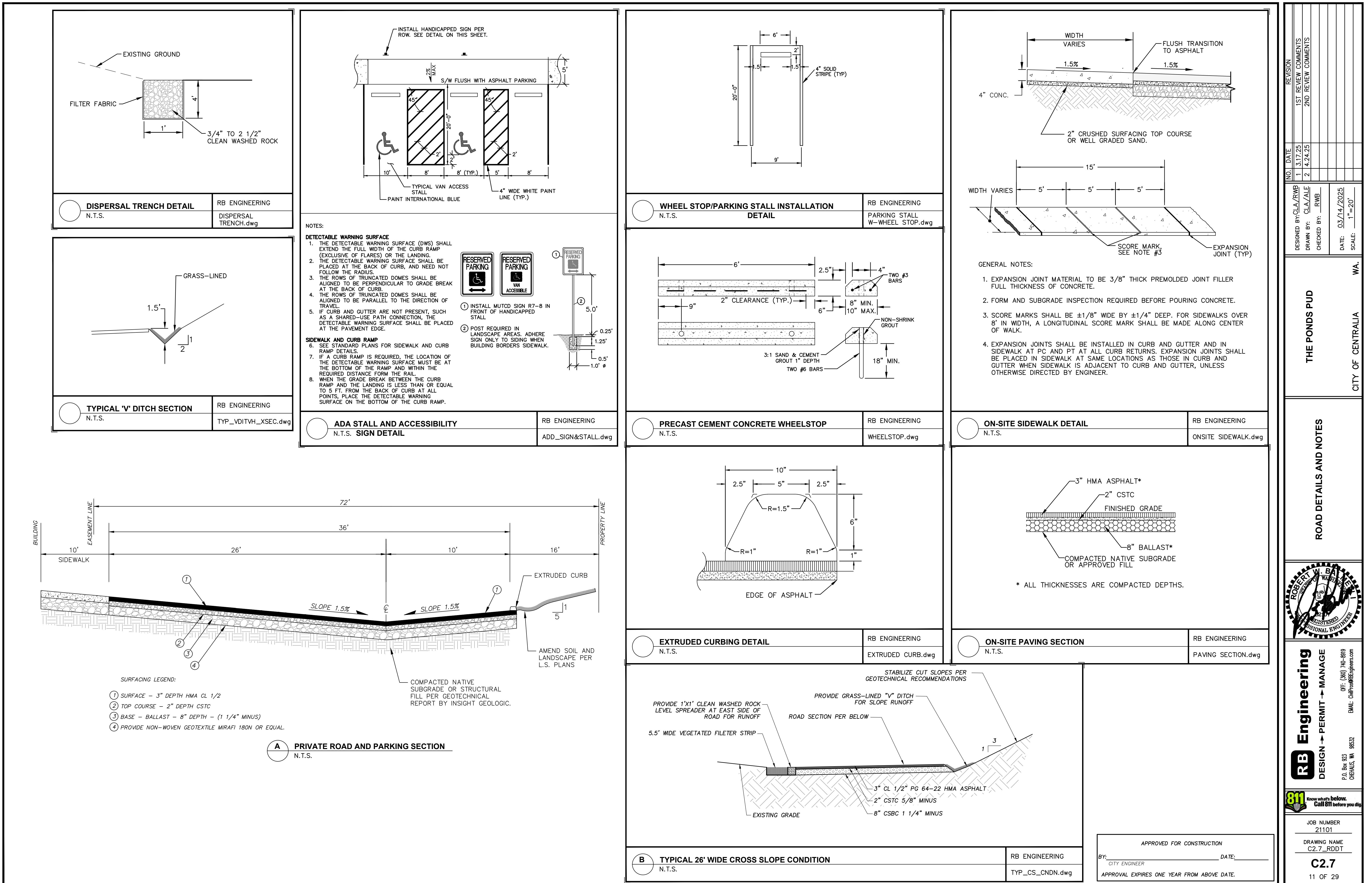
APPROVED BY: REVISED DATE: CITY OF CENTRALIA STD. PLAN NO.
CITY ENGINEER 06/2017 2022 Standard Drawings 4-13

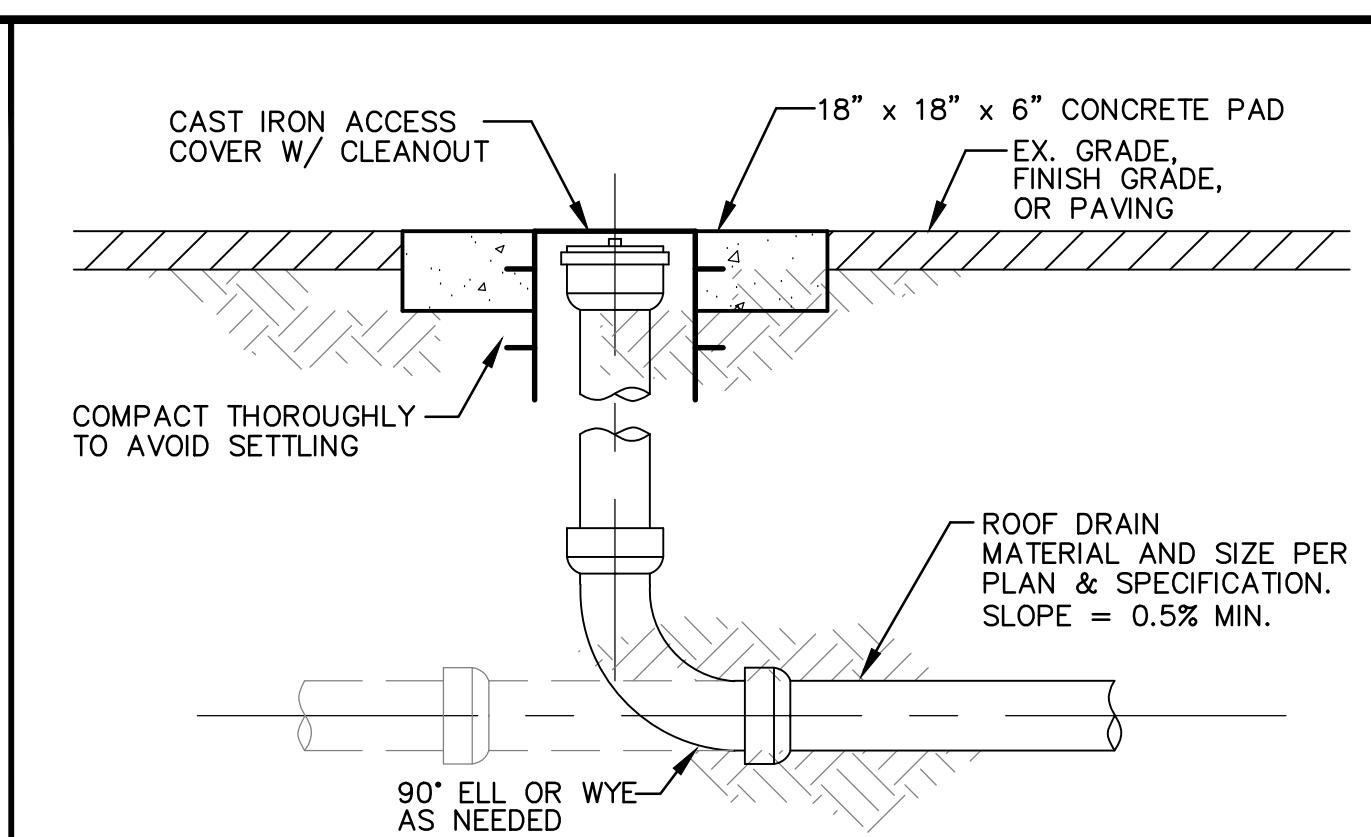
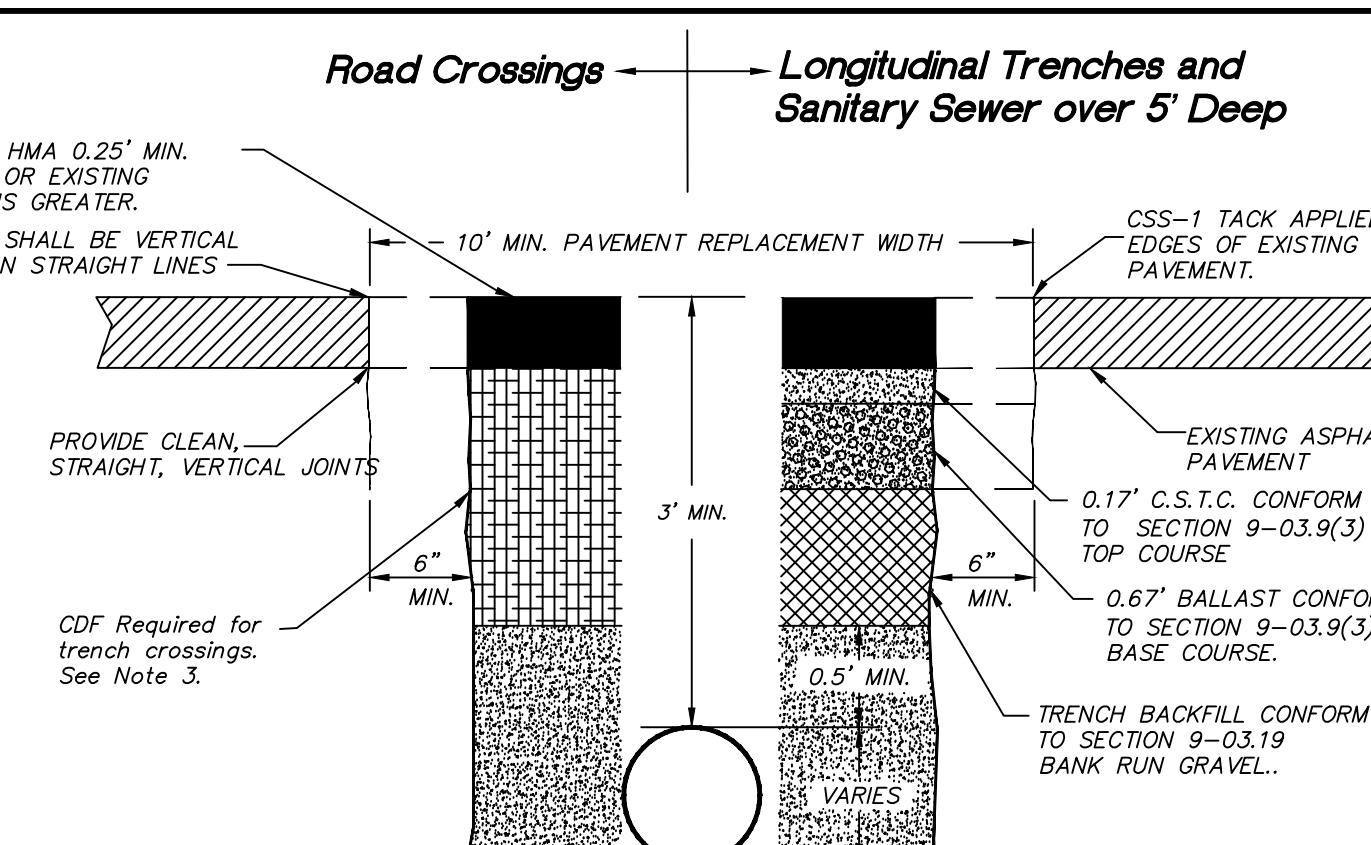
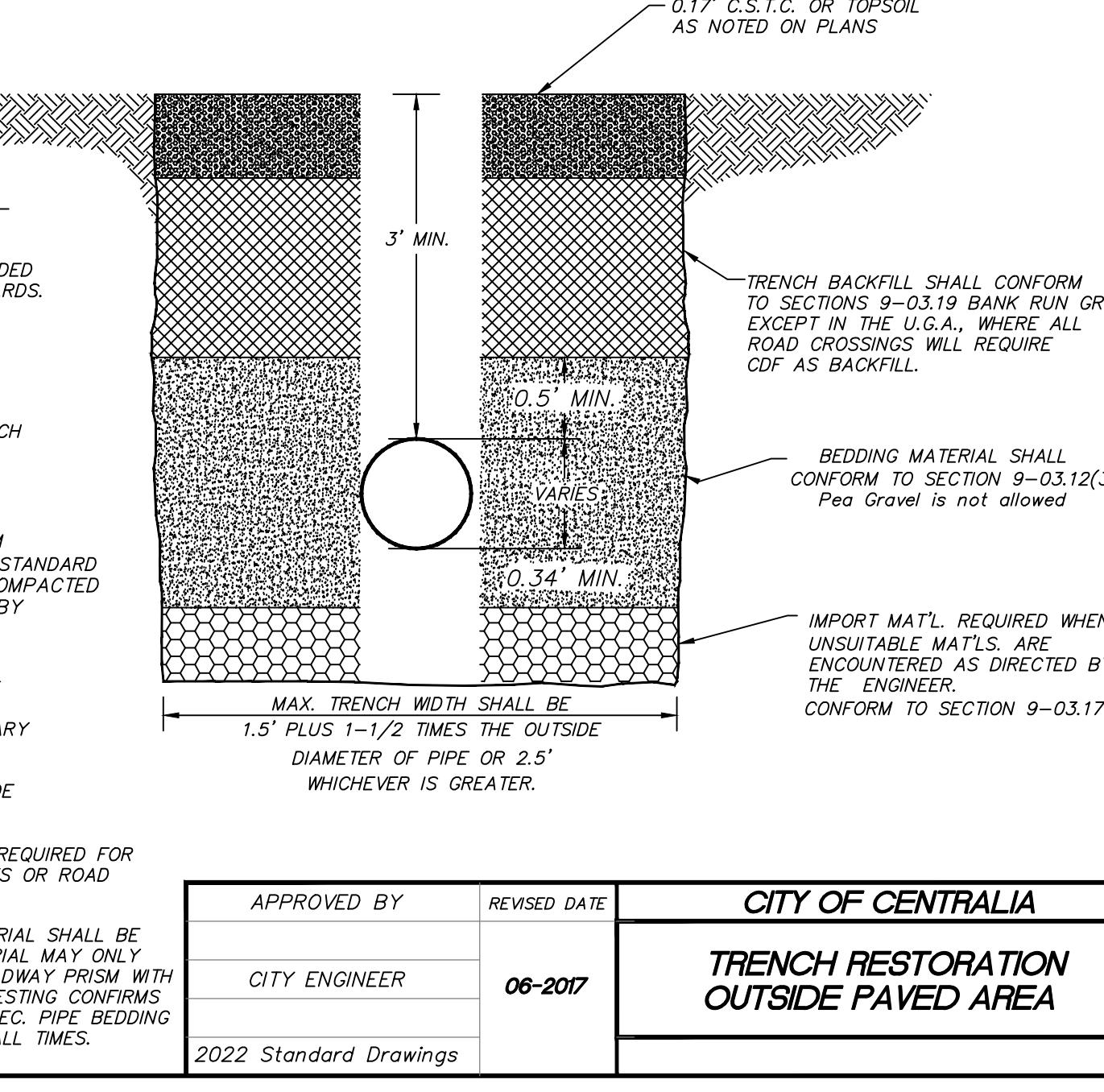
811 Know what's below. Call 811 before you dig.

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P.O. Box 323, Centralia, WA 98532
Off: (360) 740-1819 Email: Call811@rbengineering.com

APPROVED FOR CONSTRUCTION
BY: CITY ENGINEER DATE:
APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE.

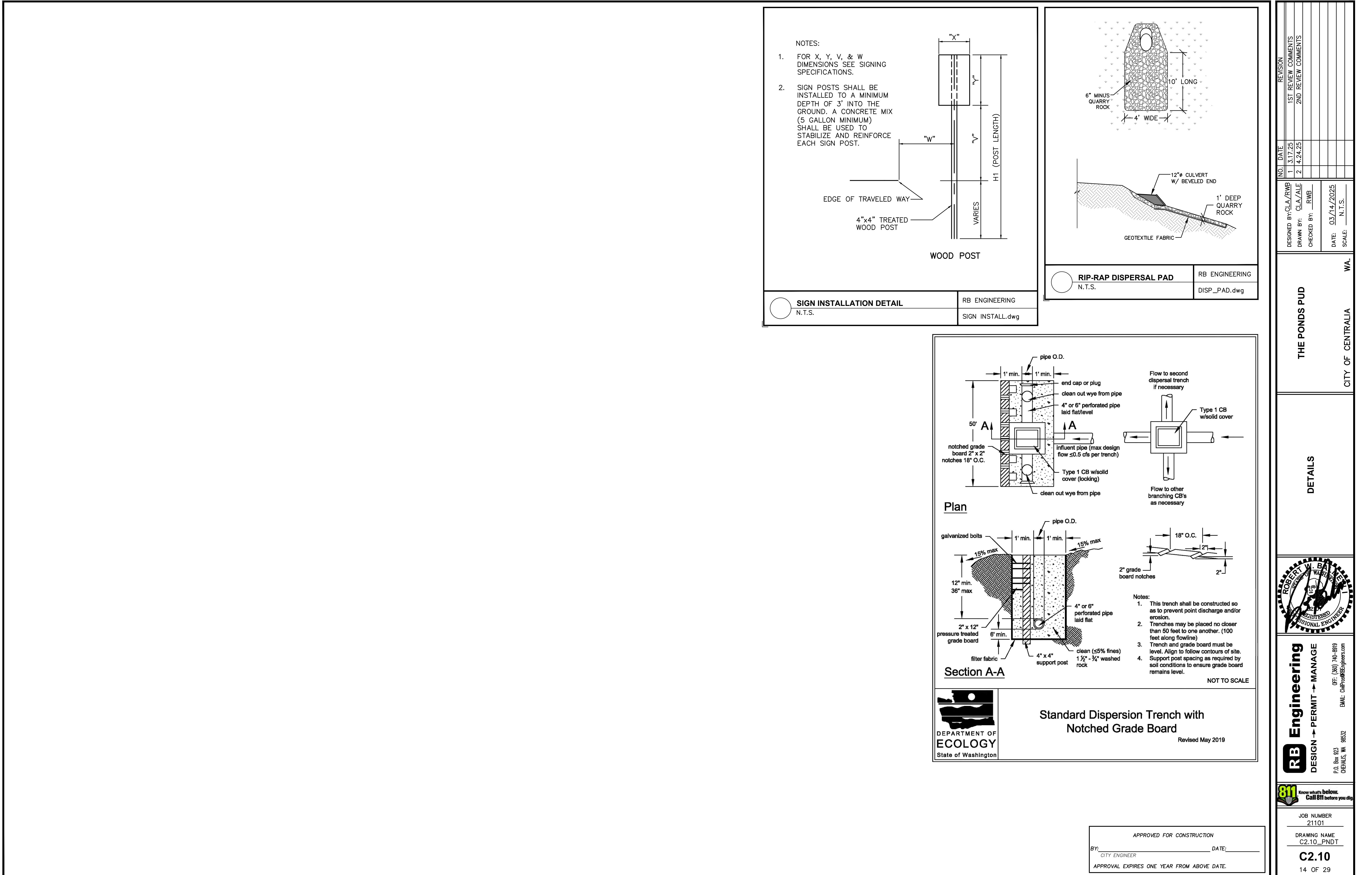
JOB NUMBER 21101
DRAWING NAME C2.6_RDP5
C2.6
10 OF 29

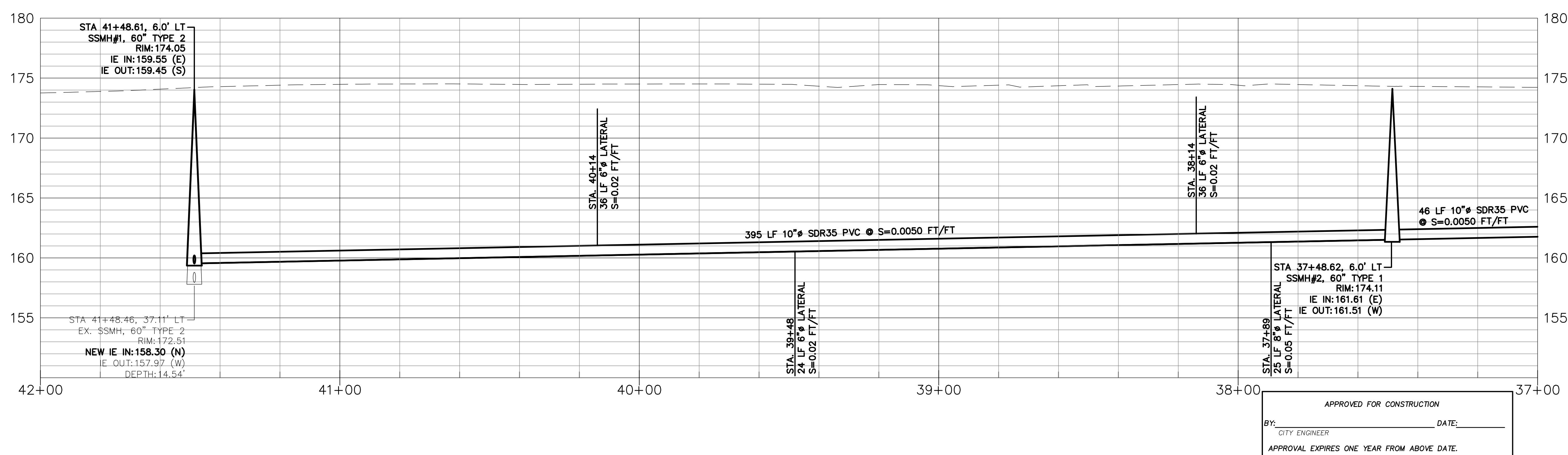
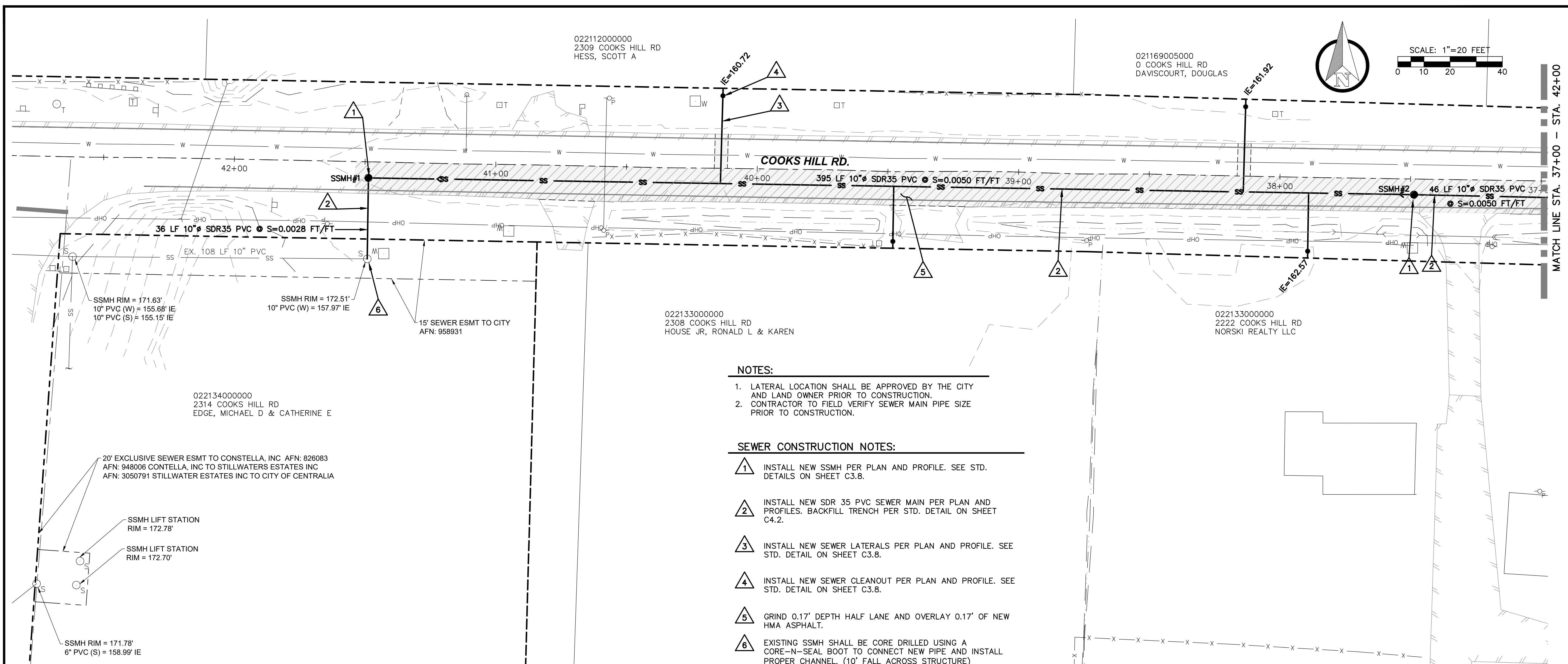


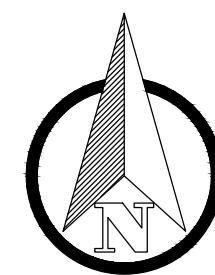
| | | |
|--|---|--|
| <p>APPROVED FOR CONSTRUCTION BY: CITY ENGINEER DATE: _____ APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE.</p> <p>ROOF DRAIN CLEANOUT DETAIL N.T.S. RB ENGINEERING ROOF DRAIN CLEANOUT.dwg</p>  | <p>CAST IRON ACCESS COVER W/ CLEANOUT 18" x 18" x 6" CONCRETE PAD EX. GRADE, FINISH GRADE, OR PAVING COMPACT THOROUGHLY TO AVOID SETTLING ROOF DRAIN MATERIAL AND SIZE PER PLAN & SPECIFICATION. SLOPE = 0.5% MIN. 90° ELL OR WYE AS NEEDED</p> <p>STORM DRAINAGE INSTALLATION GENERAL NOTES</p> <ol style="list-style-type: none"> All workmanship and materials shall be in accordance with City of Centralia Standards and the most current copy of the WSDOT/APWA Standard Specifications for Road, Bridge and Municipal Construction. Temporary erosion/pollution measures shall be required for the duration of the project. The contractor must comply with all permits and other requirements of the City of Centralia or other governing authority or agency. A preconstruction meeting shall be held with the City of Centralia prior to the start of staking. All storm sewer mains, appurtenances and retention/detention areas shall be staked for grade and alignment by an engineering or surveying firm capable of performing such work. All vertical control shall be established using the 1988 USGS Datum. Staking shall be inspected by the City prior to the start of construction and shall be maintained throughout construction. Storm drain pipe shall meet the following requirements (use only those which apply): <ul style="list-style-type: none"> A. Plain concrete pipe conforming to AASHTO M 86, Class 2. B. reinforced concrete pipe conforming to AASHTO M 170. C. PVC pipe conforming to ASTM D 3034 SDR 35, ASTM F 794 or ASTM F 679. D. Ductile iron pipe conforming to AWWA C 151, thickness class as shown on plans. Special structures, oil/water separators and outlet controls shall be installed per plans and manufacturers recommendations. Provide traffic control plan(s) as required in accordance with MUTCD. Call the Underground Location Center at 1-800-424-5555 a minimum of 48 hours prior to any excavation. Where connections require "field verifications", connection points will be exposed by the contractor and fittings field verified 48 hours prior to starting construction. All Storm lines will be high-velocity cleaned and pressure tested in accordance with Division 7 of the WSDOT Standard Specifications prior to paving in conformance with the above-referenced specifications. (See Note 1). Hydrant flushing of lines is not an acceptable cleaning method. Testing of the Storm main will include Television inspection of the main at the contractor's expense. Immediately prior to tv inspection enough water will be run down the line to flush it clean. Acceptance of the line will be made after tv inspection tape has been reviewed and approved by the inspector. A water test of all manholes is also required. Testing will take place after all underground utilities are installed and compaction of the roadway subgrade is completed. | <p>REVISION NO. DATE 1ST REVIEW COMMENTS 1 3/17/25 1ST REVIEW COMMENTS 2 4/24/25 2ND REVIEW COMMENTS</p> <p>DESIGNED BY: CLA/RWB DRAWN BY: CLA/ALF CHECKED BY: RWB DATE: 03/14/2025 SCALE: 1"=20'</p> <p>THE PONDS PUD CITY OF CENTRALIA</p> |
| <p>CLASS 5" PG64-22 HMA 0.25" MIN. COMPACTED DEPTH OR EXISTING DEPTH WHICHEVER IS GREATER.</p> <p>CUTS SHALL BE VERTICAL AND IN STRAIGHT LINES</p> <p>NOTES: <ol style="list-style-type: none"> ALL MATERIALS, WORKMANSHIP, AND INSTALLATION SHALL BE IN CONFORMANCE WITH WSDOT SPECIFICATIONS AND CITY OF CENTRALIA STANDARDS. ALL MATERIALS EXCEPT BEDDING MATERIAL SHALL BE COMPACTED IN 6" MAX. LIFTS TO 95% DENSITY. ALL ROADWAY TRENCH CROSSINGS SHALL REQUIRE CDF AS TRENCH BACKFILL EXCEPT SANITARY SEWER MAIN LINES DEEPER THAN 5 FEET. BEDDING MATERIAL SHALL CONFORM TO SECTION 9-03.12(3) OF WSDOT SPECIFICATIONS COMPACTED TO 95% OF MAX. DENSITY PER ASTM D1557. KEEP TRENCH BOTTOM COMPACTED WITH UNIFORM GRADE. A BELL JOINT SHALL BE REQUIRED AT EACH JOINT FOR PROPER SUPPORT. NO TEMPORARY SUPPORTS, I.E. BLOCKS, WILL BE ALLOWED TO SUPPORT THE PIPE. TRENCH BOTTOM SHALL BE TO GRADE PRIOR TO PIPE INSTALLATION. COLD MIX WILL BE REQUIRED FOR TEMPORARY PATCHES OR ROAD CROSSINGS. ALL TRENCH MATERIAL SHALL BE IMPORT. NATIVE MATERIAL MAY ONLY BE USED OUTSIDE ROADWAY PRISM WITH PRIOR APPROVAL IF TESTING CONFIRMS IT MEETS BACKFILL SPEC. PIPE BEDDING MUST BE IMPORT AT ALL TIMES. </p> <p>APPROVED BY 06-17 REVISED DATE 06-2017 CITY OF CENTRALIA CITY ENGINEER 2022 Standard Drawings</p>  | <p>Road Crossings ← Longitudinal Trenches and Sanitary Sewer over 5' Deep</p> <p>NOTES: <ol style="list-style-type: none"> CATCH BASIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS IN WSDOT STANDARD PLAN B-5.20-03. A DOWN TURNED 90 DEG ELBOW SHALL BE INSTALLED AT THE OUTLET END WHEN THE CATCH BASIN DISCHARGES TO A NON-TREATED SYSTEM. (APPLIES TO 12" DIA. PIPE AND SMALLER) THE MAXIMUM DEPTH FROM FINISHED GRADE TO THE LOWEST PIPE INVERT SHALL BE 5'. A TYPE 2 CATCH BASIN IS REQUIRED WHERE DEPTH IS GREATER THAN 5'. SEE STANDARD DETAIL 9-03. </p> <p>APPROVED BY 11/2020 REVISED DATE 11/2020 CITY OF CENTRALIA CITY ENGINEER 2022 Standard Drawings</p> <p>STORM DRAINAGE INSTALLATION GENERAL NOTES</p> <p>1 of 1</p> | <p>CATCH BASIN TYPE 1 IN PAVEMENT AREA STD. PLAN NO. 9-01</p> <p>APPROVED BY 06/2017 REVISED DATE 06/2017 CITY OF CENTRALIA CITY ENGINEER 2022 Standard Drawings</p> |
| <p>NOTES: <ol style="list-style-type: none"> ALL MATERIALS, WORKMANSHIP, AND INSTALLATION SHALL BE IN CONFORMANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION AS AMENDED BY THE CITY OF CENTRALIA STANDARDS. ALL MATERIALS EXCEPT BEDDING MATERIAL SHALL BE COMPACTED IN 6" MAX. LIFTS TO 95% DENSITY. IN THE U.G.A., ALL ROADWAY TRENCH CROSSINGS REQUIRE CDF AS TRENCH BACKFILL TO WITHIN 3" OF FINISH GRADE. BEDDING MATERIAL SHALL CONFORM TO SECTION 9-03.12(3) OF WSDOT STANDARD SPECIFICATIONS AND SHALL BE COMPACTED TO 95% OF MAX. AS DETERMINED BY ASTM D1557. KEEP TRENCH BOTTOM COMPACTED WITH UNIFORM GRADE. A BELL JOINT SHALL BE REQUIRED AT EACH JOINT FOR PROPER SUPPORT. NO TEMPORARY SUPPORTS, I.E. BLOCKS, WILL BE ALLOWED TO SUPPORT THE PIPE. TRENCH BOTTOM SHALL BE TO GRADE PRIOR TO PIPE INSTALLATION. COLD MIX WILL BE REQUIRED FOR TEMPORARY PATCHES OR ROAD CROSSINGS. ALL TRENCH MATERIAL SHALL BE IMPORT. NATIVE MATERIAL MAY ONLY BE USED OUTSIDE ROADWAY PRISM WITH PRIOR APPROVAL IF TESTING CONFIRMS IT MEETS BACKFILL SPEC. PIPE BEDDING MUST BE IMPORT AT ALL TIMES. <p>APPROVED BY 06-17 REVISED DATE 06-2017 CITY OF CENTRALIA CITY ENGINEER 2022 Standard Drawings</p>  </p> | <p>0.17" C.S.T.C. OR TOPSOIL AS NOTED ON PLANS</p> <p>TRENCH BACKFILL SHALL CONFORM TO SECTIONS 9-03.19 BANK RUN GRAVEL, EXCEPT IN THE U.G.A., WHERE ALL ROAD CROSSINGS WILL REQUIRE CDF AS BACKFILL.</p> <p>BEDDING MATERIAL SHALL CONFORM TO SECTION 9-03.12(3) Pea Gravel is not allowed</p> <p>IMPORT MAT'L REQUIRED WHEN UNSUITABLE MAT'L'S ARE ENCOUNTERED AS DIRECTED BY THE ENGINEER. CONFORM TO SECTION 9-03.17</p> <p>APPROVED BY 06-2017 REVISED DATE 06-2017 CITY OF CENTRALIA CITY ENGINEER 2022 Standard Drawings</p> <p>STORM DRAINAGE INSTALLATION GENERAL NOTES</p> <p>1 of 1</p> | <p>CATCH BASIN TYPE 1 OUTSIDE PAVED AREA STD. PLAN NO. 9-02</p> <p>APPROVED BY 03/2024 REVISED DATE 03/2024 CITY OF CENTRALIA CITY ENGINEER 2022 Standard Drawings</p> <p>APPROVED BY 11/2020 REVISED DATE 11/2020 CITY OF CENTRALIA CITY ENGINEER 2022 Standard Drawings</p> <p>STORM DRAINAGE INSTALLATION GENERAL NOTES</p> <p>1 of 1</p> |

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Email: Call811@RBEngineering.com

JOB NUMBER 21101
DRAWING NAME C2.8_DRD1
C2.8
12 OF 29







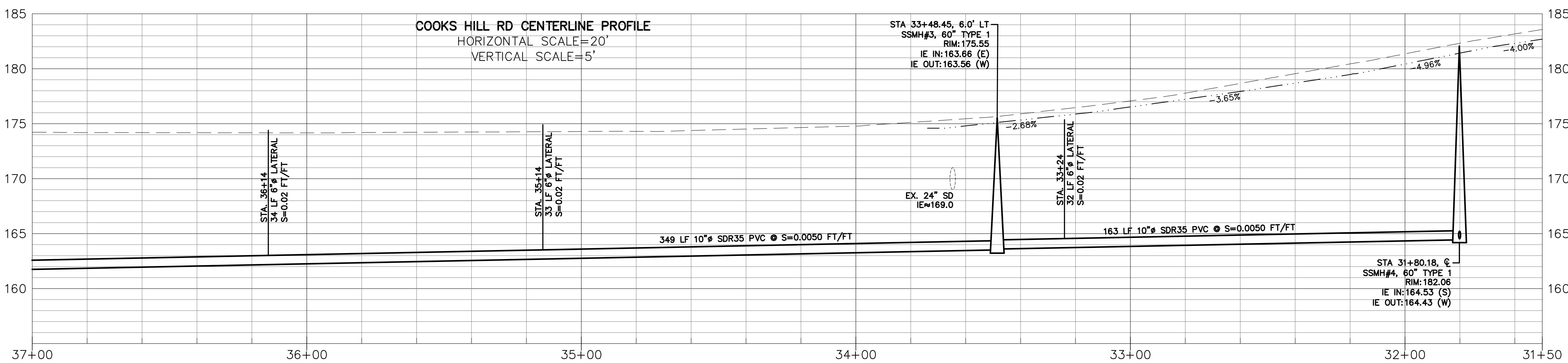
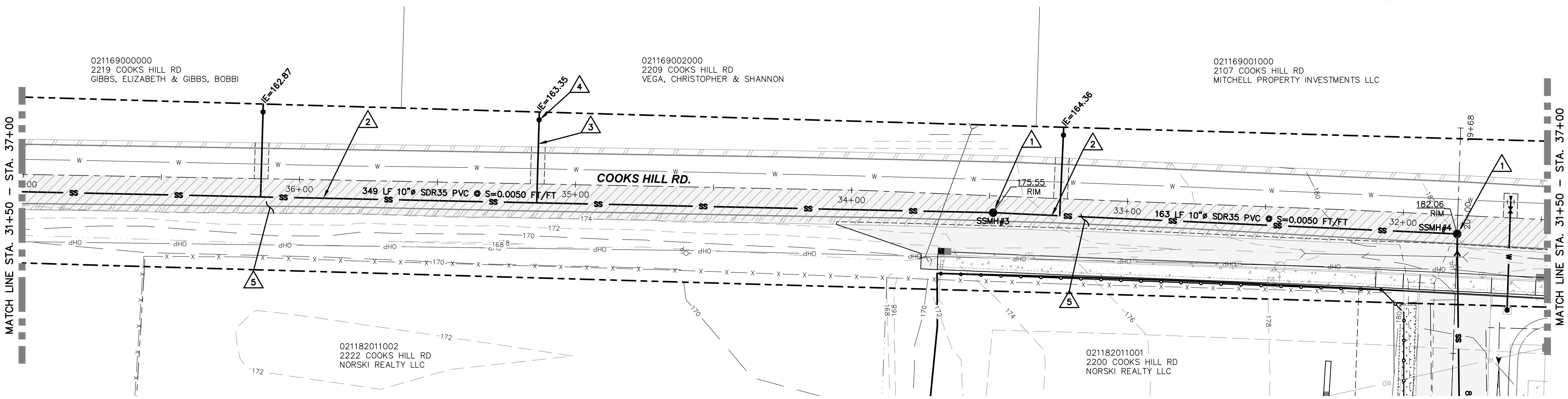
SCALE: 1"=20 FEET
0 10 20 40

NOTE:

LATERAL LOCATION SHALL BE APPROVED BY THE CITY AND LAND OWNER PRIOR TO CONSTRUCTION.

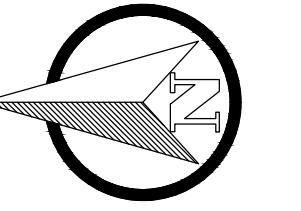
SEWER CONSTRUCTION NOTES:

- 1 INSTALL NEW SSMH PER PLAN AND PROFILE. SEE STD. DETAILS ON SHEET C3.8.
- 2 INSTALL NEW SDR 35 PVC SEWER MAIN PER PLAN AND PROFILES. BACKFILL TRENCH PER STD. DETAIL ON SHEET C4.2.
- 3 INSTALL NEW SEWER LATERALS PER PLAN AND PROFILE. SEE STD. DETAIL ON SHEET C3.8.
- 4 INSTALL NEW SEWER CLEANOUT PER PLAN AND PROFILE. SEE STD. DETAIL ON SHEET C3.8.
- 5 GRIND 0.17' DEPTH HALF LANE AND OVERLAY 0.17' OF NEW HMA ASPHALT.



| | |
|--|-------|
| APPROVED FOR CONSTRUCTION | |
| BY: | DATE: |
| CITY ENGINEER | |
| APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE. | |

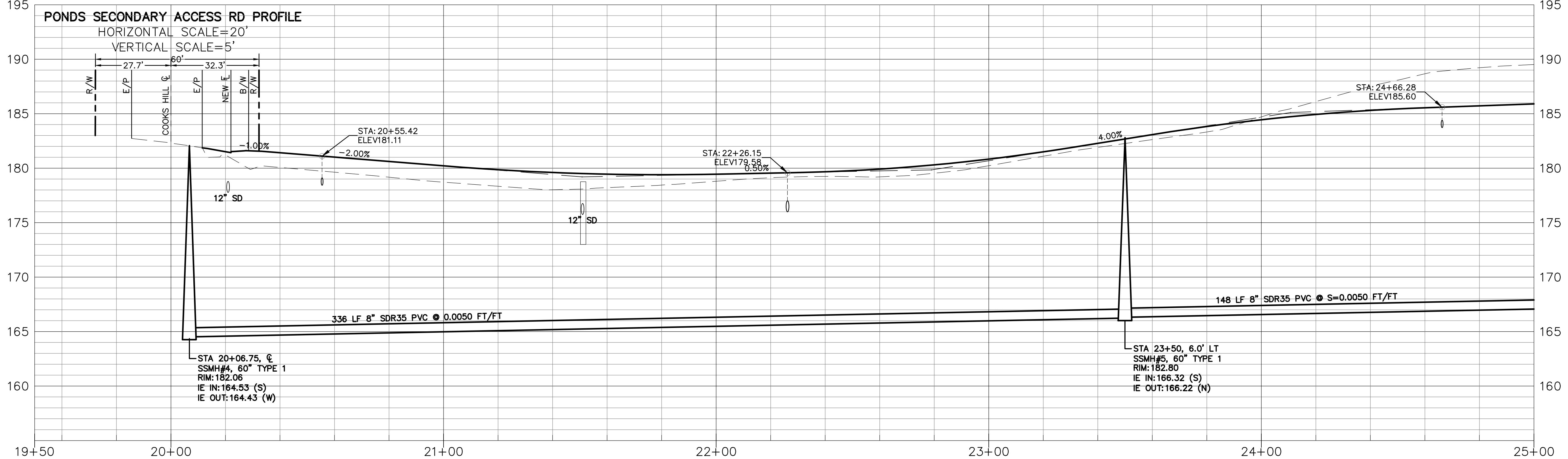
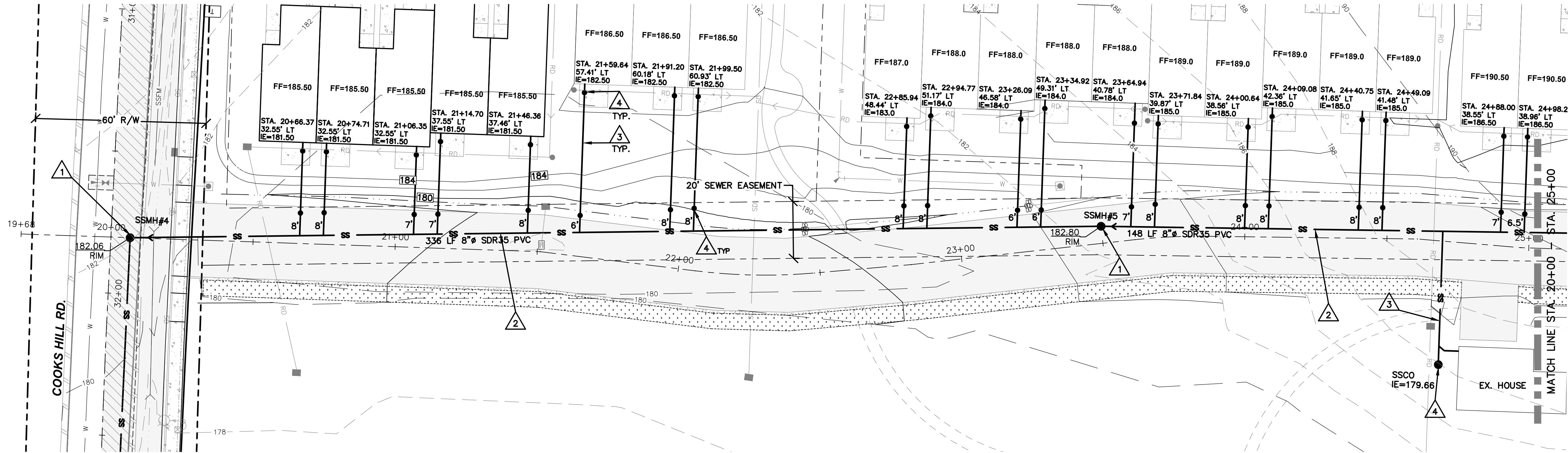
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|---|---|---------|---------------------|
| REVISION | 1 | 3/17/25 | 1ST REVIEW COMMENTS |
| | 2 | 4/24/25 | 2ND REVIEW COMMENTS |
| DESIGNED BY: CLA/RWB | 1 | DATE: | |
| DRAWN BY: CLA/ALF | 2 | DATE: | |
| CHECKED BY: RWB | | DATE: | 03/14/2025 |
| SCALE: 1"=20' | | WA. | |
| THE PONDS PUD | | | |
| OFFSITE SEWER EXTENSION PLAN AND PROFILE | | | |
| CITY OF CENTRALIA | | | |
| CITY OF COOKSBURG | | | |
| RB Engineering | | | |
| DESIGN → PERMIT → MANAGE | | | |
| P.O. Box 323, Chillicothe, OH 45622 | | | |
| Email: ChillicotheEngines.com | | | |
| 811 Know what's below. Call 811 before you dig. | | | |
| JOB NUMBER 21101 | | | |
| DRAWING NAME C3.2_SSPP | | | |
| C3.2 | | | |
| 16 OF 29 | | | |



SCALE: 1"=20 FEET
0 10 20 40

SEWER CONSTRUCTION NOTES:

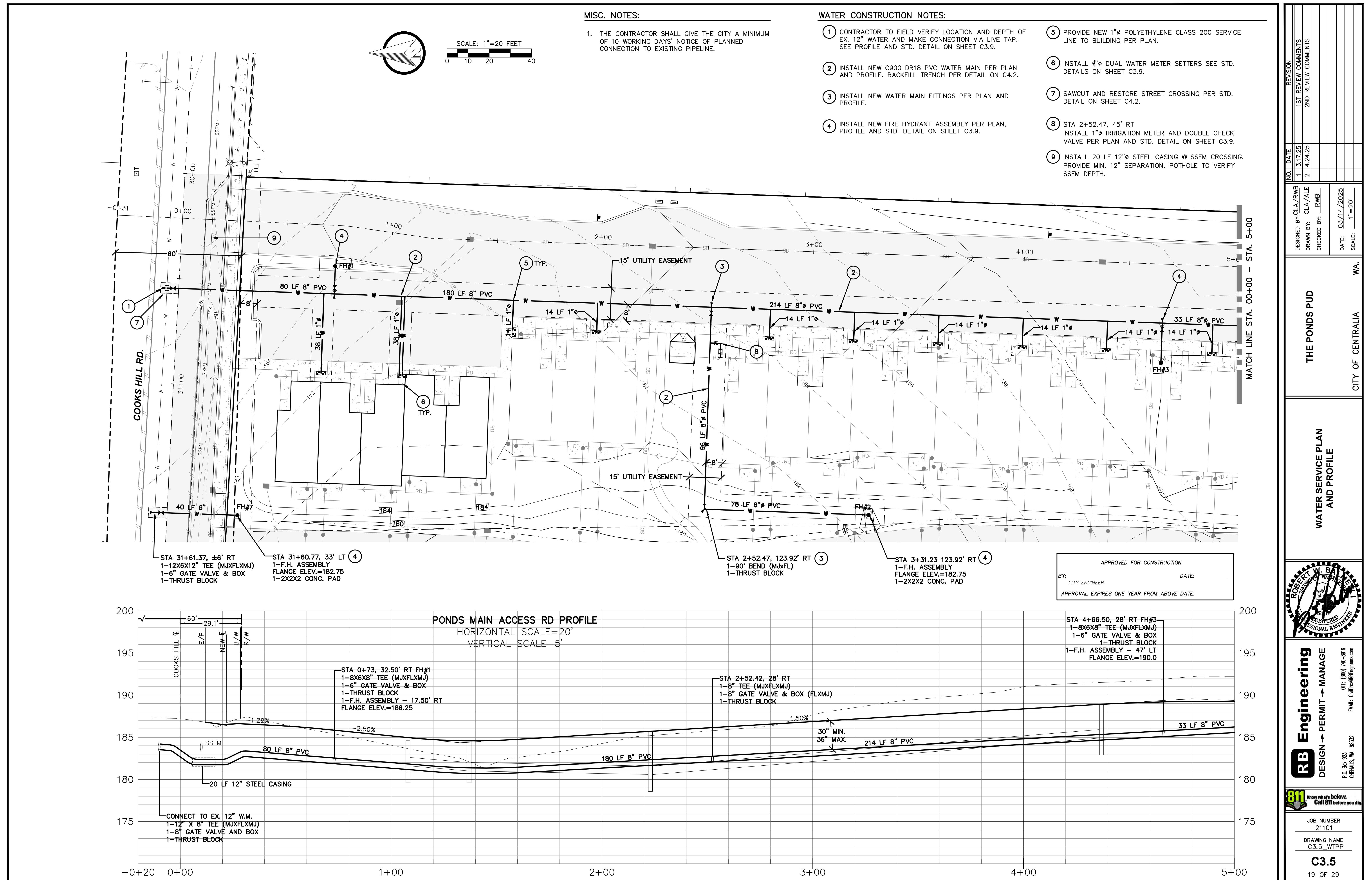
- 1. INSTALL NEW SSMH PER PLAN AND PROFILE. SEE STD. DETAILS ON SHEET C3.8.
- 2. INSTALL NEW SDR 35 PVC SEWER MAIN PER PLAN AND PROFILES. BACKFILL TRENCH PER STD. DETAIL ON SHEET C4.2.
- 3. INSTALL NEW 6"Ø SEWER LATERALS PER PLAN AND PROFILE. SEE STD. DETAIL ON SHEET C3.8.
- 4. INSTALL NEW 6"Ø SEWER CLEANOUT PER PLAN. CLEANOUT IN PAVED AREAS MUST BE BROUGHT UP TO GRADE PER DETAIL 3-04 ON SHEET C3.8.

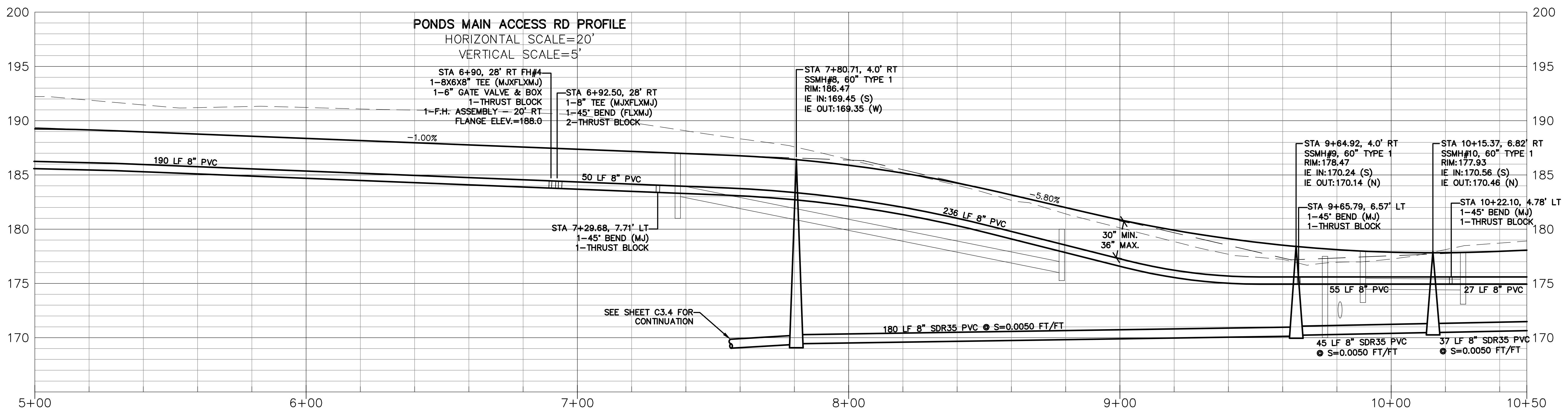
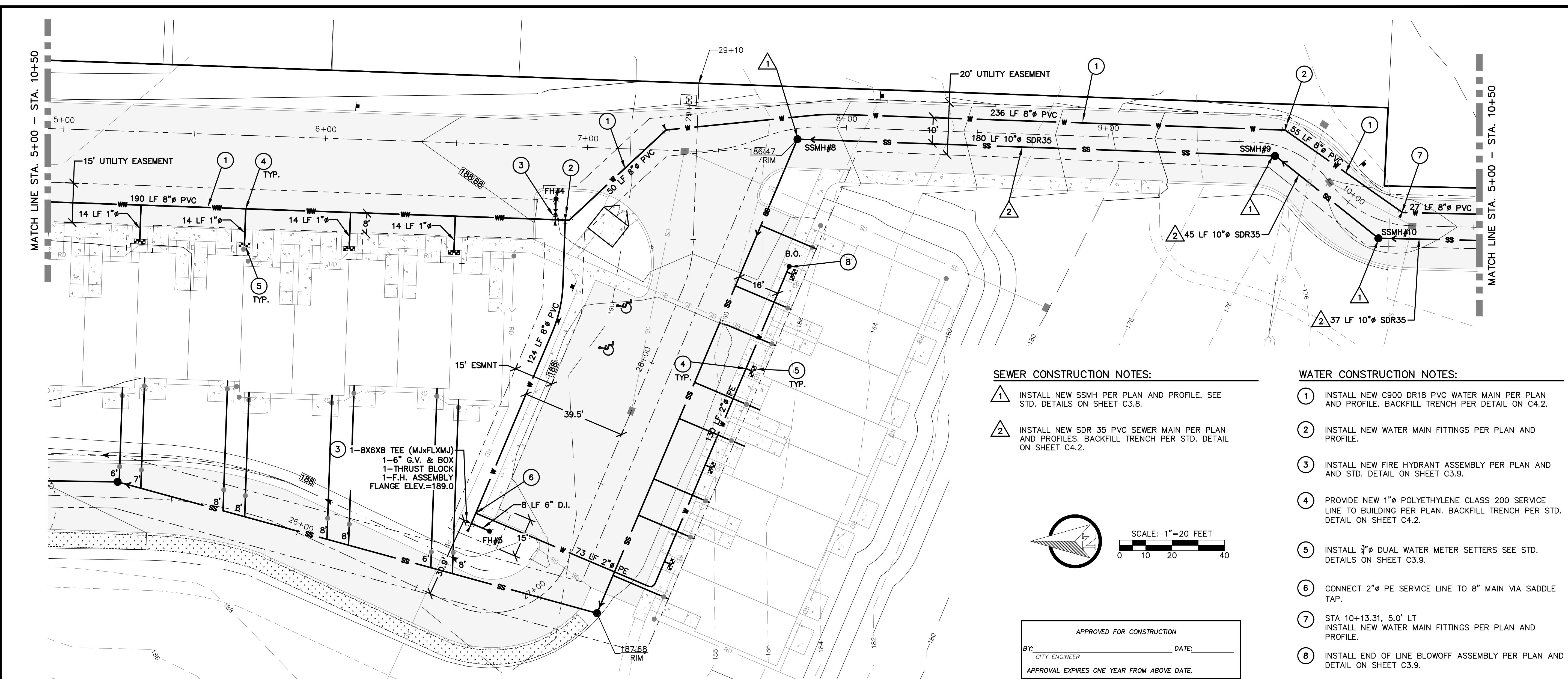


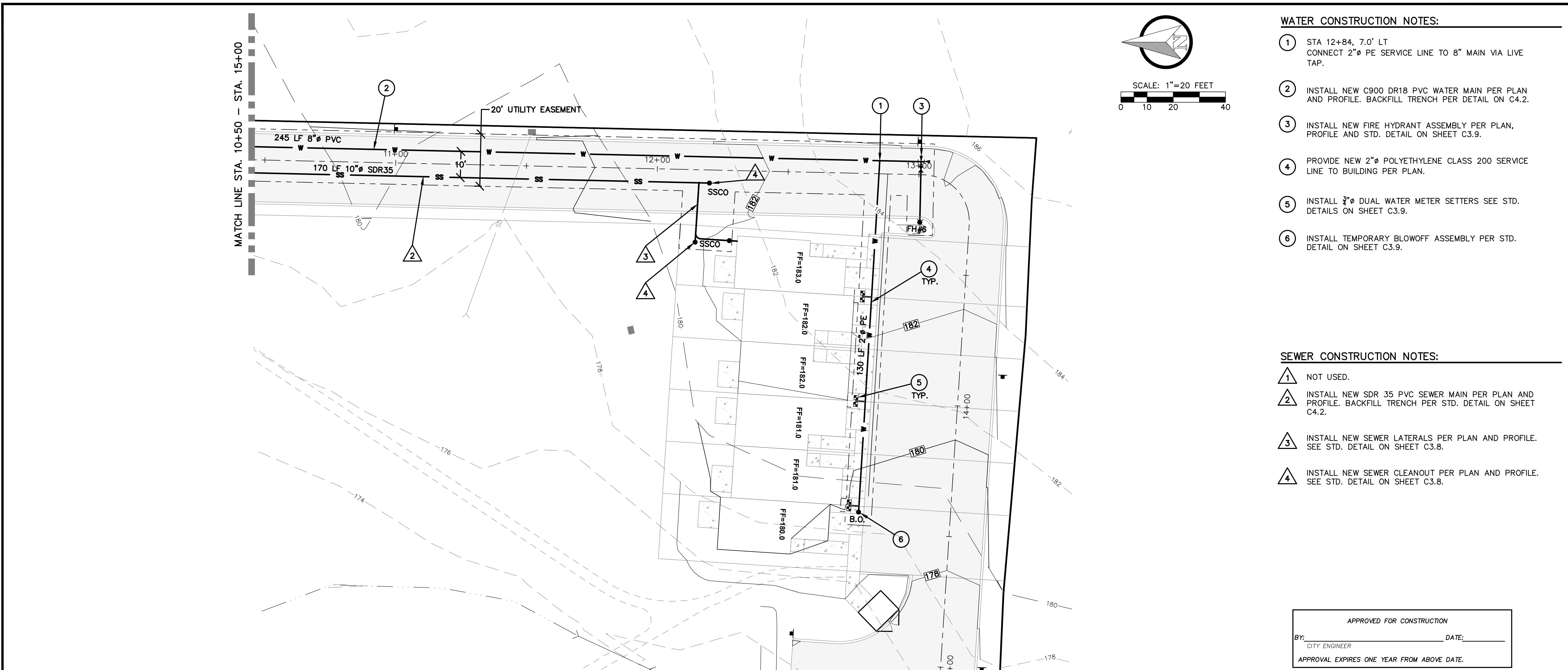
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| | 2 | 4/24/25 | 2ND REVIEW COMMENTS |
| DESIGNED BY: CLA/RWB | 1 | DATE | NO. |
| DRAWN BY: CLA/ALF | 2 | DATE | NO. |
| CHECKED BY: RWB | | DATE | NO. |
| SCALE: 1"=20' | | DATE | NO. |
| WA. | | DATE | NO. |

SEWER SERVICE PLAN AND PROFILE

ROBERT W. BAKER, P.E.
REGISTERED PROFESSIONAL ENGINEER







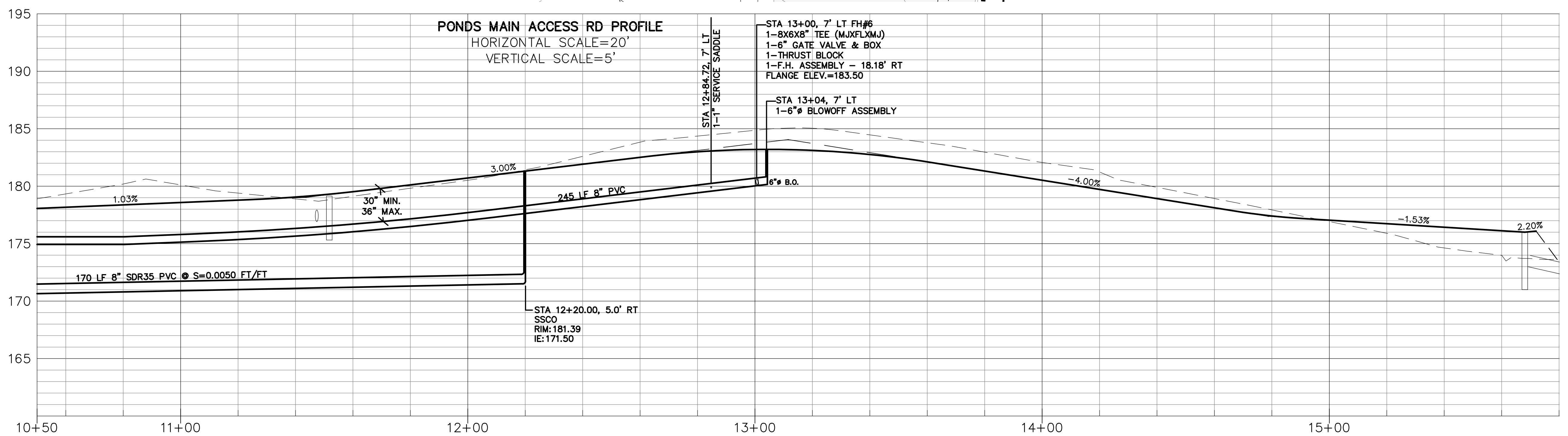
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| DRAWN BY: CLA/ALE | 1 3/17/25 | 1ST REVIEW COMMENTS |
| CHECKED BY: RWB | 2 4/24/25 | 2ND REVIEW COMMENTS |
| DATE: 03/14/2025 | | |
| SCALE: 1"=20' | | |
| THE PONDS PUD | | |
| WATER AND SEWER SERVICE PLAN AND PROFILE | | |
| CITY OF CENTRALIA WA. | | |

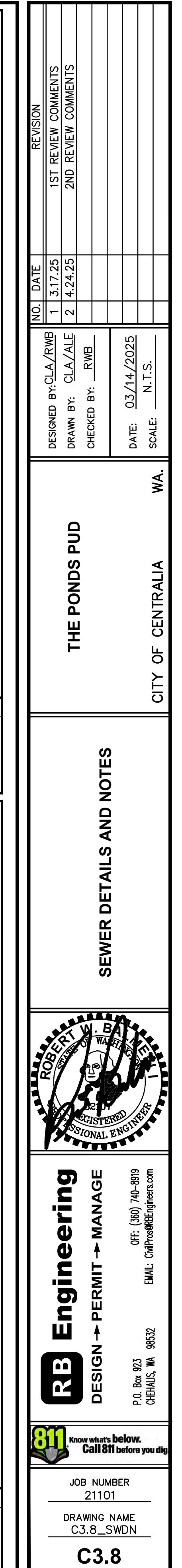
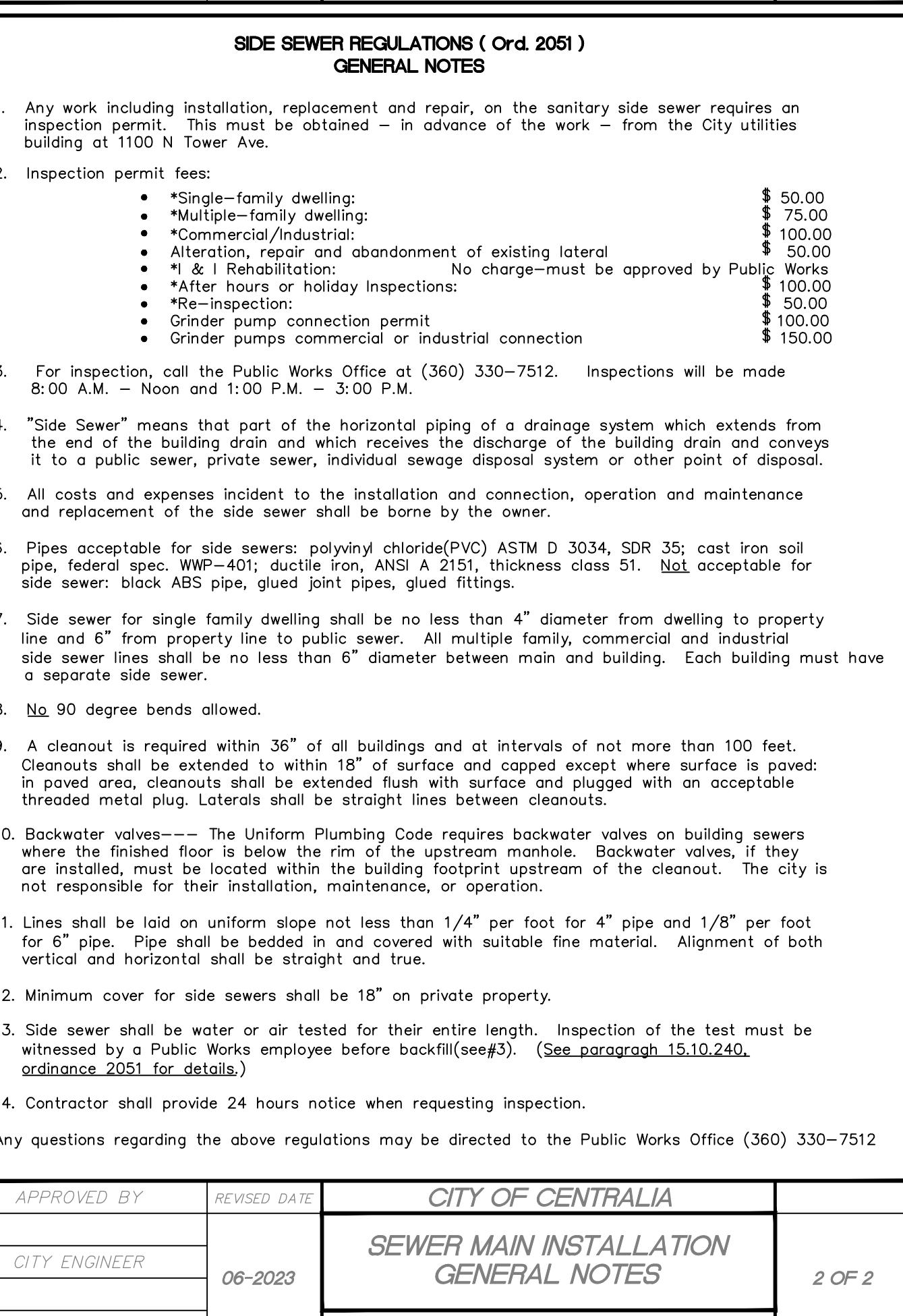
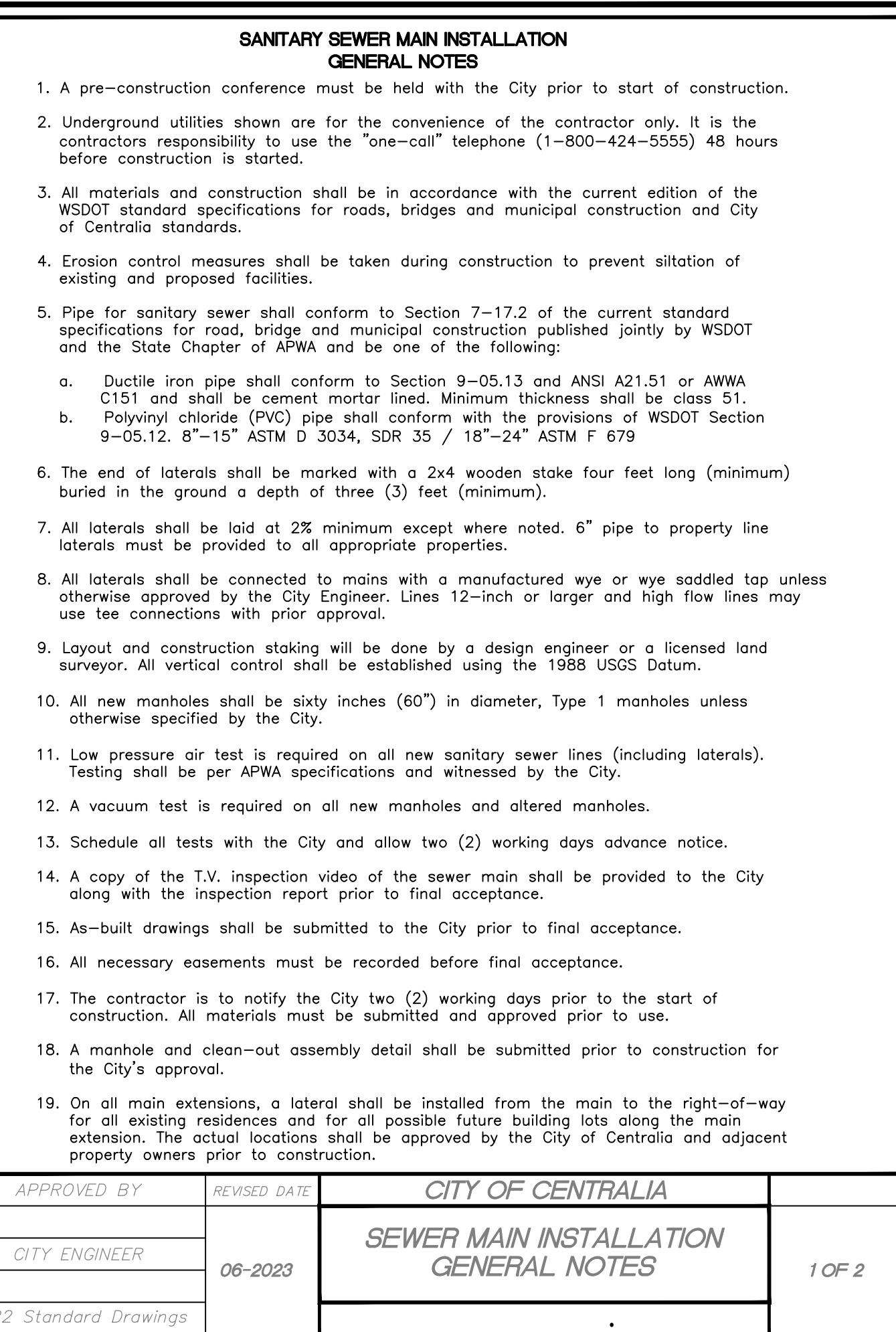
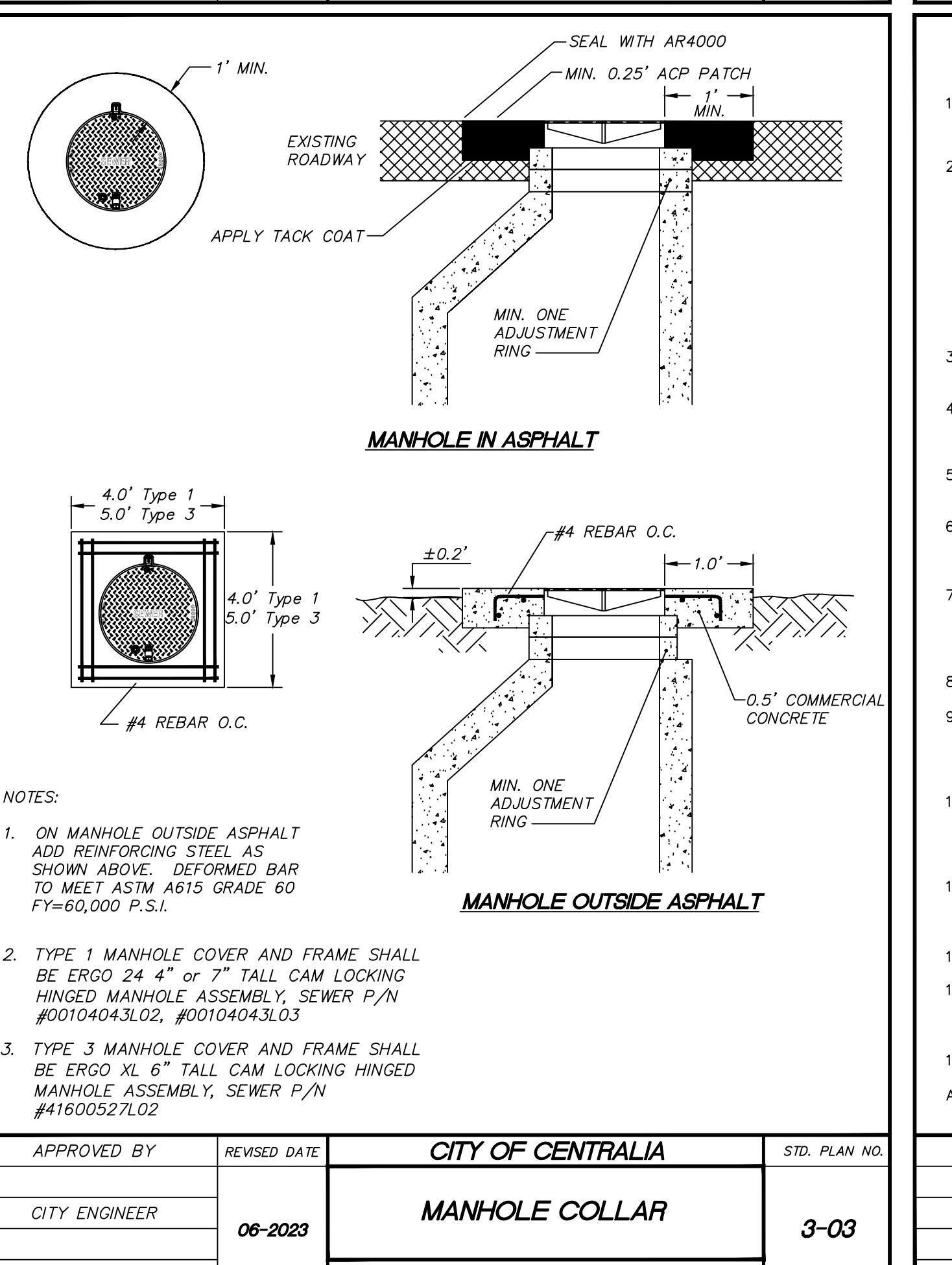
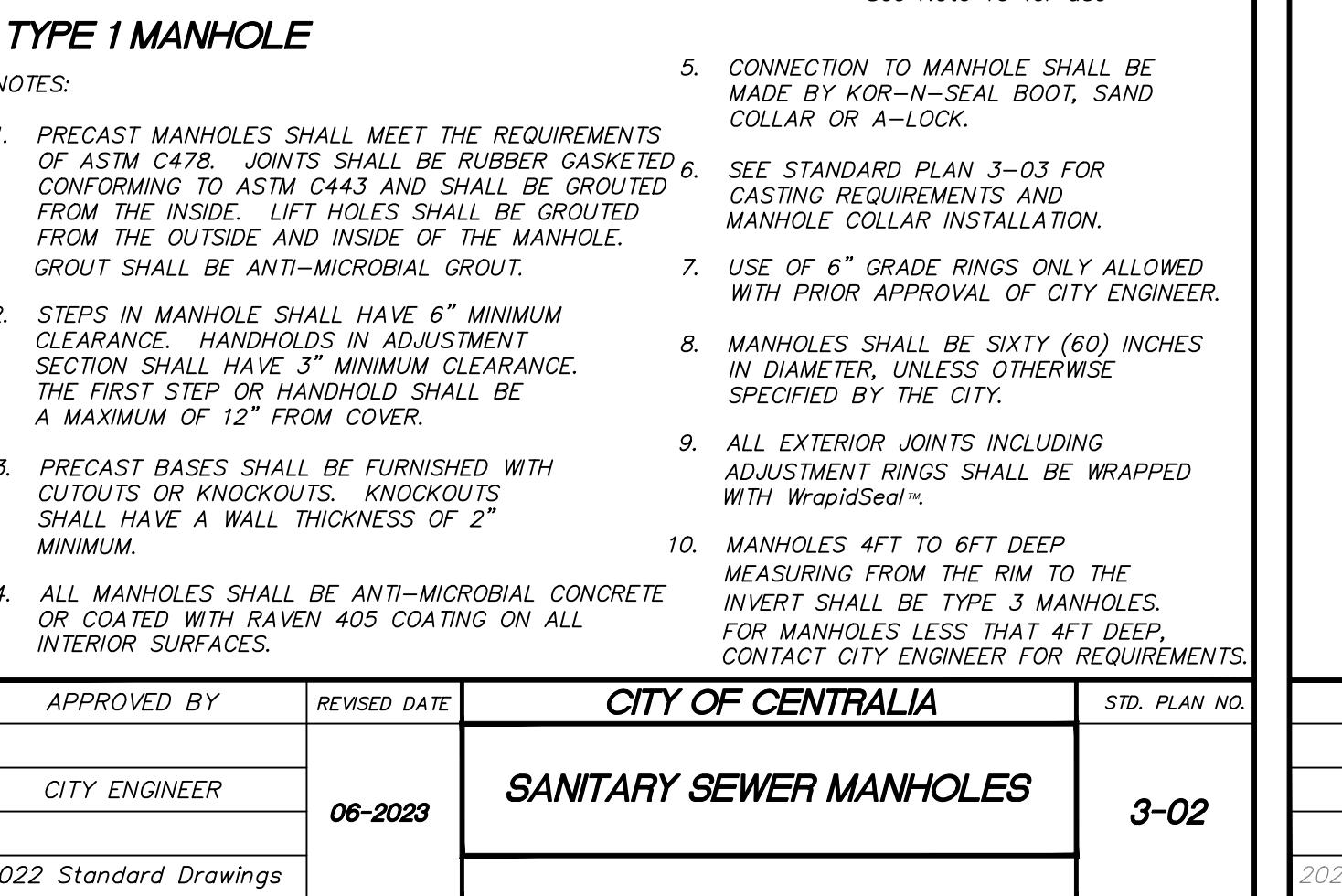
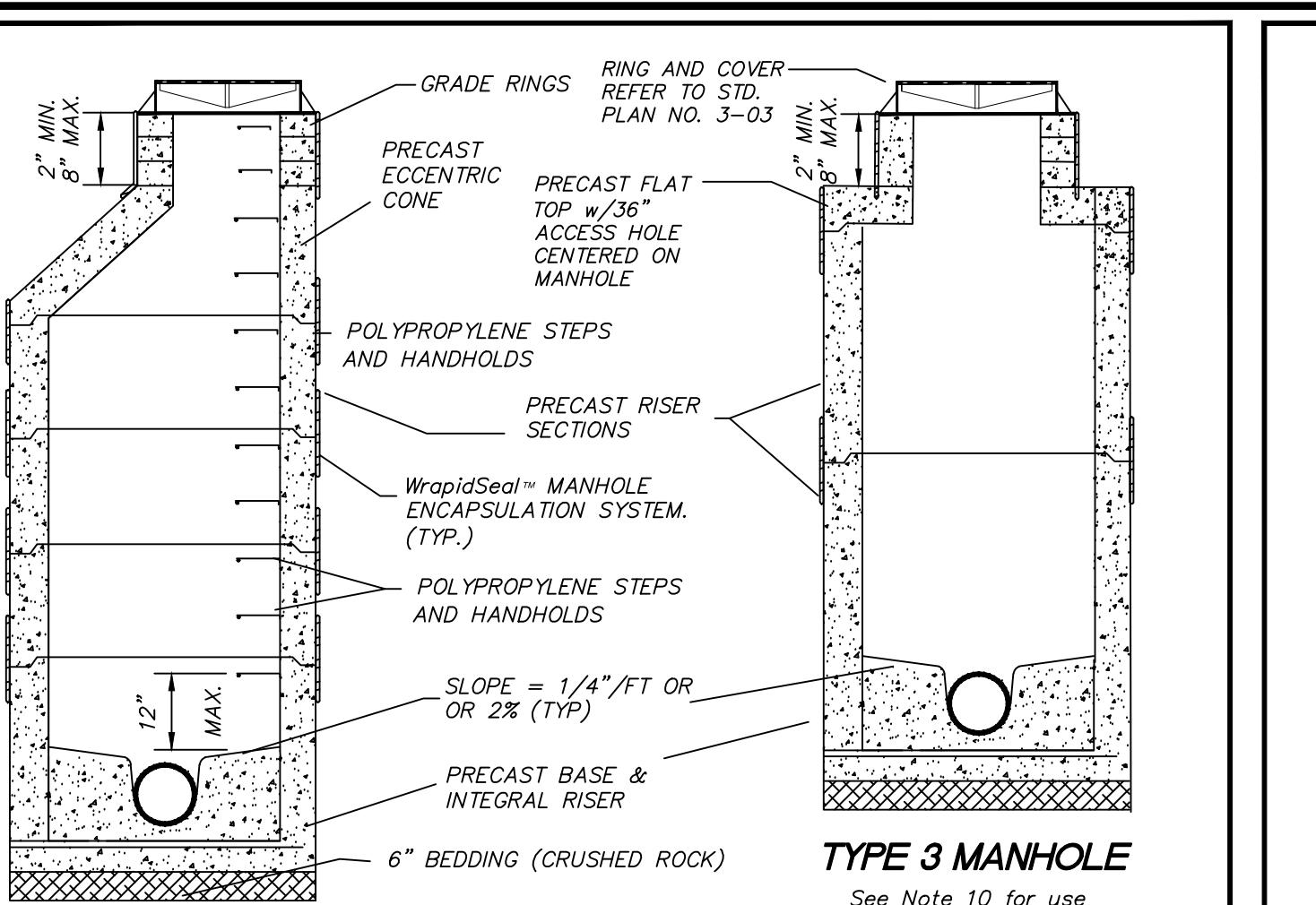
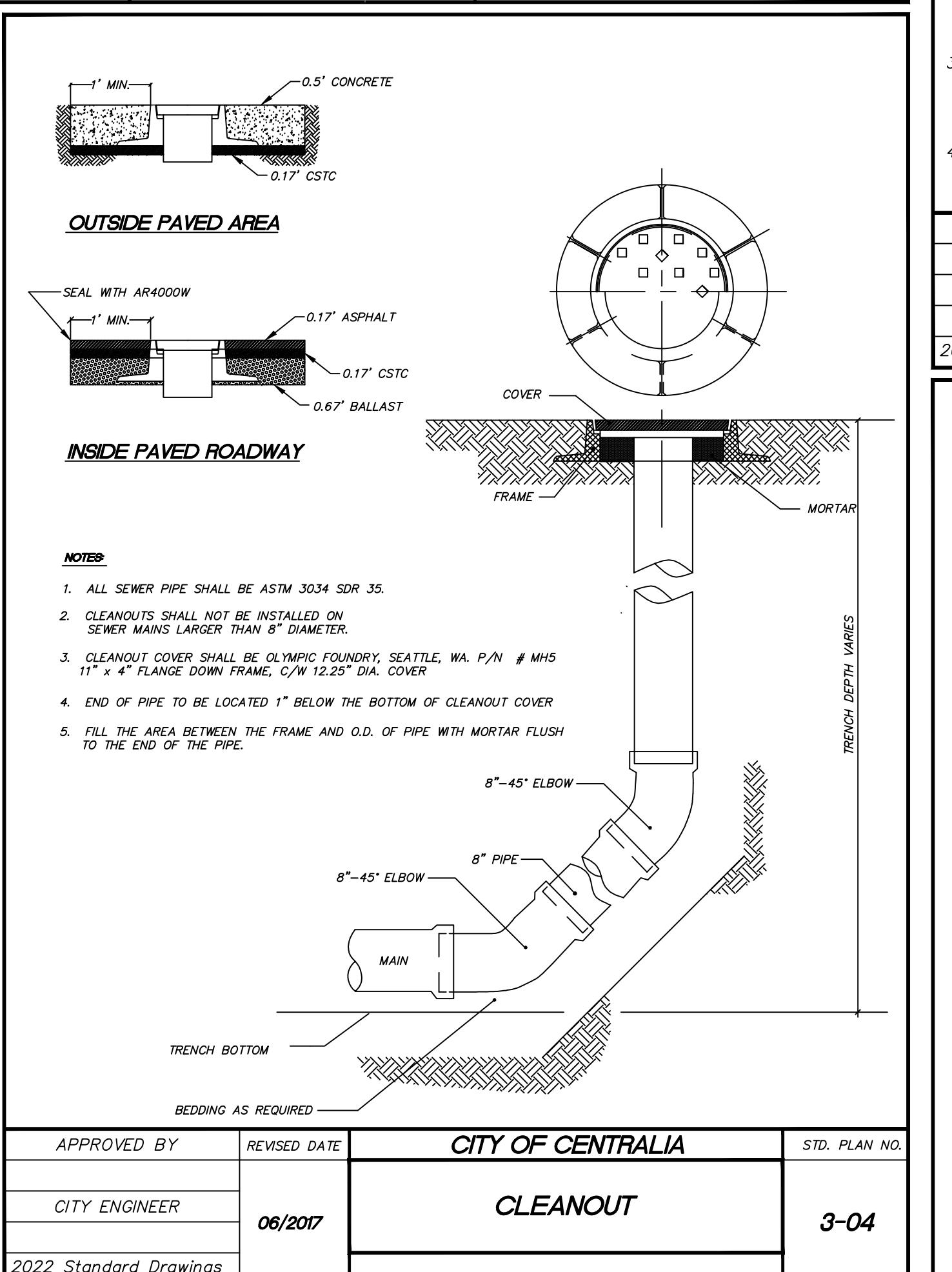
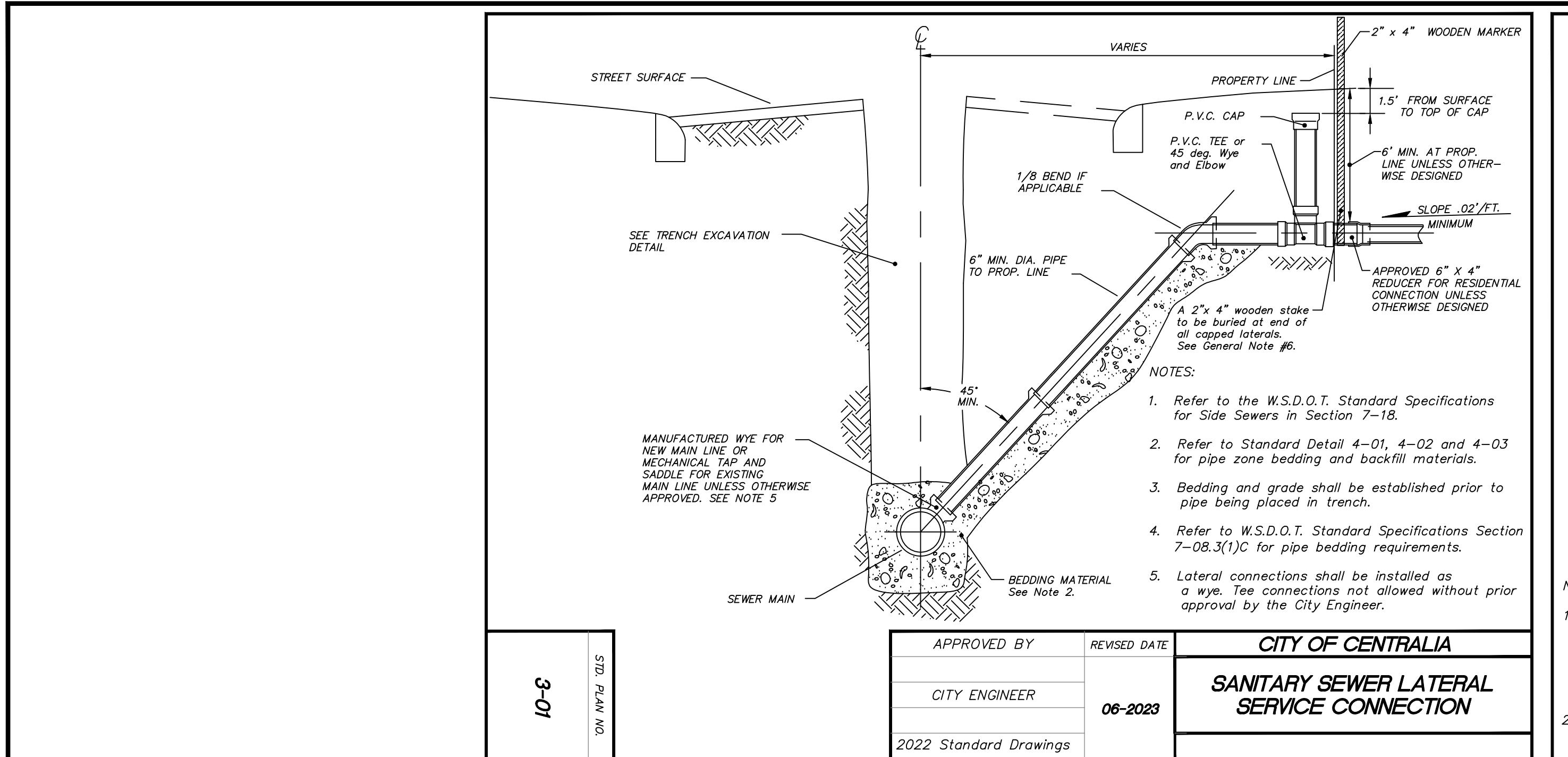
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BY: CITY ENGINEER DATE:
APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE.

RB Engineering
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P.O. Box 923, Chehalis, WA 98524
Off: (360) 740-1819 Email: Chehalis@rbengineering.com

811 Know what's below. Call 811 before you dig.

JOB NUMBER 21101
DRAWING NAME C3.7_WSPP
C3.7
21 OF 29





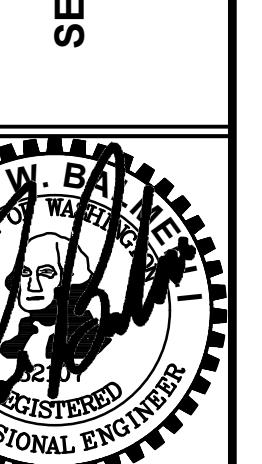
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| THE PONDS PUD | CITY OF CENTRALIA |
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| CITY OF CENTRALIA | SEWER MAIN INSTALLATION GENERAL NOTES |
|-------------------|---------------------------------------|
| | 1 OF 2 |

| SEWER DETAILS AND NOTES |
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| JOB NUMBER | DRAWING NAME | ORDINANCE NUMBER |
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| 21101 | C3.8_SWDN | 2025 |

C3.8
22 OF 29

BLOW OFF ASSEMBLY GENERAL NOTES

1. IF A THRUST BLOCK IS Poured THEN IT SHALL BE REQUIRED TO USE 12 MIL. PLASTIC OR CONSTRUCTION FABRIC TO PROTECT THE BLOW-OFF ASSEMBLY
2. ALL BLOW-OFF ASSEMBLIES ATTACHED TO P.V.C. MAINS MUST HAVE 12 GAUGE COATED COPPER TRACER WIRE TIED OFF AT THE VALVE BOX BODY AND EXTENDING ONE FOOT BEYOND TOP OF VALVE BOX.
3. VALVE BOXES TO BE CENTERED OVER THE BLOW-OFF ASSEMBLY AND COVER SHALL BE SET AT A DISTANCE OF 1" MIN. TO 3" MAX. BETWEEN THE HOSE CAP CONNECTION ON BLOW-OFF ASSEMBLY AND THE BOTTOM OF COVER
4. FITTINGS FROM D.I. BLIND FLG. TEE TO 2" OPERATING VALVE WILL BE 2" DIAMETER AND MADE OF BRASS, FROM OPERATING VALVE TO HOSE CAP CONNECTION ON BLOW-OFF ASSEMBLY WILL BE 2" DIAMETER AND MADE OF BRASS
5. VALVE BOXES WILL BE, OLYMPIC FOUNDRY INC., VB910 VALVE BOX WITH "WATER" CAST IN LID, OVERALL LENGTH IS 10.75"
6. 2" GATE VALVE - M&H AWWA C509 RESILIENT WEDGE GATE VALVE 4067-02 W/ 2" SQUARE NUT
7. Poured in place concrete block
BLOCK SIZE (2 FT. WIDE, 2 FT. DEEP, AND 3 FT. MIN. LENGTH TO UNDISTURBED NATIVE SOIL.) LENGTH IS A VARIABLE DEPENDING UPON DISTANCE TO UNDISTURBED NATIVE SOIL
8. ALL FITTINGS CONTACTED BY Poured in place CONCRETE SHALL BE PROTECTED BY 12 MIL. PLASTIC, PLACED BETWEEN MATERIALS

POURED COMMERCIAL CONCRETE (3000 psi)
COLLAR - 4 INCHES THICK CENTERED ON
VALVE BOX LID AND BLOW-OFF ASSEMBLY
LID.

| APPROVED BY | REVISED DATE | CITY OF CENTRALIA | STD. PLAN |
|------------------------|--------------|---|-----------|
| CITY ENGINEER | 06/2023 | 2" BLOW-OFF ASSEMBLY IN PAVEMENT AREAS | |
| 2022 Standard Drawings | | | 2-08 |

NOTES:

1. HYDRANTS SHALL BE LOCATED WITH A MINIMUM FIVE FOOT RADIUS UNOBSTRUCTED WORKING AREA PROVIDED, AND IN NO CASE SHALL BE LOCATED IN SIDEWALK.
2. HYDRANT SHALL BE WATEROUS CLASSIC PACER WB67-250, DRESSER M&H RELIANT STYLE 129 OR MUELLER CENTURION. CHECK VERTICAL DISTANCE BETWEEN OPERATING NUT AND BREAK AWAY FLANGE (31-32 inches).
3. HYDRANTS SHALL BE PAINTED SUNBURST YELLOW - HIGH GRADE ENAMEL, AFTER INSTALLATION
4. HYDRANTS SHALL HAVE A MINIMUM BURY OF 30 INCHES
5. GATE VALVES SHALL BE RESILIENT WEDGE NRS WITH O-RING SEALS. VALVE ENDS SHALL BE MECHANICAL JOINT BY ANSI FLANGES. VALVES SHALL CONFORM TO AWWA C515.
6. FILTER FABRIC MATERIAL SHALL BE USED IN CONJUNCTION WITH THE USE OF DRAIN ROCK. THE APPLICATION OF THE FILTER FABRIC MATERIAL SHALL MINIMIZE THE IMPACT OF THE NATIVE SOIL IN THE FUNCTION OF THE DRAIN ROCK.
7. ALL MECHANICAL BOLTS TO FITTINGS SHALL HAVE ANTI-SEIZE COMPOUND APPLIED TO THE BOLTS
8. POURED IN PLACE CONCRETE BLOCKING, BLOCK SIZE - (2 FT. WIDE, 2 FT. DEEP, AND 2 FT. MIN. LENGTH TO UNDISTURBED NATIVE SOIL - NOTE LENGTH IS A VARIABLE DEPENDING UPON DISTANCE TO UNDISTURBED NATIVE SOIL.
9. ALL HYDRANTS SHALL HAVE EPOXY COATED SHOE.

| APPROVED BY | REVISED DATE | CITY OF CENTRALIA | STD. PL. |
|------------------------|--------------|---------------------|----------|
| CITY ENGINEER | 01/2024 | FIRE HYDRANT DETAIL | |
| 2022 Standard Drawings | | | |

DOUBLE STRAP SERVICE SADDLE
ROMAC INDUSTRIES - Style 202N
NYLON COATED SADDLE w/
STAINLESS STEEL STRAPS

METER BOX ASSEMBLY
Carson Heavy Wall 1324 MSBC
DUCTILE IRON COVER w/ FLIP READER LIDS, # 132

1" CORPORATION STOPS - D.I. (Direct tap only)
CORP. STOP - FORD - F1000-4-C
CORP. STOP - MUELLER - B-25008

1" CORPORATION STOPS - A.C., P.V.C. only
CORP. STOP - FORD - FB1100-4-C
CORP. STOP - MUELLER - B-25028
USE (2) "SINGLE" BOXES
1" BLUE HDPE CTS or K TYPE COPPER LINE
(D.I. CL.52 only) NO SADDLE DIRECT TAP

BRANCH NOTES
BUILD BRANCH ASSEMBLY TO ALLOW FOR DISTANCE
FROM BOX TO BOX (boxes will be set side by side)
BRANCH MATERIAL SHALL BE MADE OF BRASS MATERIALS

CUSTOMER SIDE HANDLE
VALVE HANDLE - FORD - HB-34

3/4" METER SETTER ASSEMBLY
METER SETTER - FORD - VBB72-15W-11-33-NL
1" BLUE HDPE CTS or K TYPE COPPER LINE
1" Grip Joint Coupler
GRIP JOINT COUPLING - FORD - C84-44-
NOTE: All long side services shall be cased
in 160 psi pipe. See sizing detail in
note #17 of General Notes Section

NOTES:
1. ALL SERVICE SADDLES SHALL HAVE RUBBER GASKET, I.P. THREADS AND NYLON COATED.
2. IN APPROVED SOIL SENSITIVE AREAS HDPE MAINS AND SERVICE LINES ARE REQUIRED. A TONING (tracer) WIRE, UL LISTED, TYPE UF, SOLID CORE, 12 GAUGE INSULATED COPPER IS REQUIRED. AN IDEAL TWISTER DB PLUS WIRE CONNECTOR, MODEL 60 IS REQUIRED TO CONNECT TRACER WIRES TOGETHER (i.e. trace wire extension from spool to spool, service to main, main to main at intersections, and hydrant to main installations). Blue HDPE CTS sched. 20 shall be substituted for type K copper in service lines.
3. DUCTILE IRON MAINS SHALL BE DIRECT TAPPED ONLY
4. ASBESTOS CEMENT (A.C.) AND PVC MAINS SHALL REQUIRE A SADDLE FOR TAPPING
5. STAINLESS STEEL PIPE STIFFENERS ARE REQUIRED WHERE HDPE PIPE IS USED

| APPROVED BY | REVISED DATE | CITY OF CENTRALIA | STD. F |
|---------------|--------------|---------------------------------------|--------|
| CITY ENGINEER | 02/2020 | 3/4" - DUAL METER SERVICE STANDARD | 2- |

2022 Standard Drawings

24 MSBC

WATER MAIN INSTALLATION GENERAL NOTES

1. All workmanship and material shall be in accordance with the City of Centralia standards and the most current copy of the State of Washington Specifications for Road, Bridge and Municipal Construction, Washington Department of Health regulations and American Water Works Association standards.
2. All water lines 12" and larger shall be made of ductile iron, thickness class 52 and a rated working pressure of 350 PSI conforming to AWWA C151. All pipe shall be cement mortar lined per AWWA C104 with push on joints conforming to AWWA C111. Water lines under 12" diameter may be P.V.C. C-900 DR14.
3. Fittings shall be class 250 cement mortar lined ductile iron with mechanical joint or ANSI flanges. All bolted fittings shall be dressed with an Anti-Seize product for protection. All ductile iron fitting connection(s) shall be completed by the use of mega-lugs. When connecting to an existing inline water main, all connections will be made using a Ductile Iron (DI) sleeve, with mega-lugs, or Romac Alpha coupling except when connecting to a AC main where a Hymax coupler (or equal) will be used. All fittings will use 304A or better stainless steel bolts
4. Gate valves shall be resilient wedge, NRS (Non-Rising Stem) with O-ring seals. Valve ends shall be mechanical joint or ANSI flanges. Valves shall conform to AWWA (latest) 509 std. Valves shall be Mueller, M & H, Clow, Waterous, Kennedy or American AVK. Existing valves shall be operated by City employees only.
5. All NIBCO Gate Valves must have brass handles.
6. A valve stem riser shall be installed on all valves where the depth from finish grade to the top of the valve exceeds 1.5'.
7. Fire hydrants shall be 3-port M & H Reliant Style 129, Mueller Centurion, 5 1/4" with steamer port thread of 498. The distance between operating nut and break away flange shall be 32 inches in vertical measurement. All hydrant shoes shall be epoxy coated. Each hydrant shall be provided with a Storz coupler on the steamer port. All hydrants shall be bagged until system is approved.
8. Brass wedges shall be installed in all ductile iron joints for continuity, two (2) per section of pipe. P.V.C. pipe, C.T.S. HDPE sch. 200 psi pipe shall be installed with a toning (tracer) wire. Toning wire shall be UL listed, type UF, solid core, 12 gauge insulated copper and shall be taped to the top of the pipe to prevent movement during backfilling. The wire shall be laid loosely enough to prevent stretching and damage. The wire shall be brought up and tied off at valve body or meter setting.
9. The contractor shall maintain a min. cover of 30 inches and a max. cover of 36 inches over the pipe at all times.
10. All water mains shall be staked for grade and alignment by the design engineer or a licensed land surveyor. All vertical control shall be established using the 1988 USGS Datum.
11. All new water mains shall be filled and chlorinated for a minimum of 24 hrs prior to flushing. Contractor shall coordinate with the City to have lines filled and flushed.
12. Bacteria sampling of potable water lines shall be performed by the City prior to hydrostatic pressure testing. Contractor shall provide an approved sampling bottle from the Lewis County Health Dept., 360 NW North St, Chehalis, WA 98532
13. All pipe and appurtenances shall be hydrostatically tested at 225 PSI (min.) for 15 minutes and witnessed by the City. Fire line testing behind the metering vault shall be coordinated with Riverside Fire authority.
14. Service lines of 3/4" and 1" shall be type "K" copper or copper tubing size (C.T.S.) Blue HDPE Polyethylene, 200 psi pipe. Galvanized fittings shall not be used in construction of service lines.
Note: In soil sensitive areas, service lines may be constructed of HDPE-Cl200psi. Toning (tracer) wire is required when using HDPE pipe water mains/services. Services larger than 1" may be Blue HDPE or brass.
15. For any water main tap to existing City mains where the contractor encounters a coupling or existing assemblies, the contractor shall provide a minimum of 18" of clearance from coupling or assemblies to edge of tapping sleeve and the tapping process shall be witnessed by the City with 2 days prior notice.

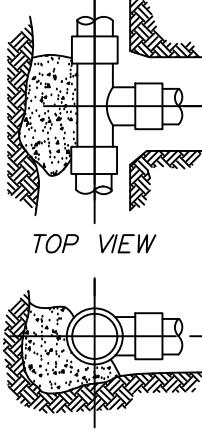
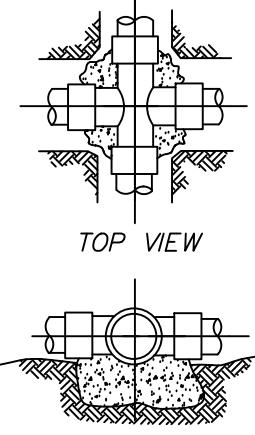
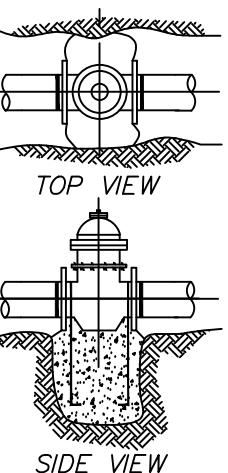
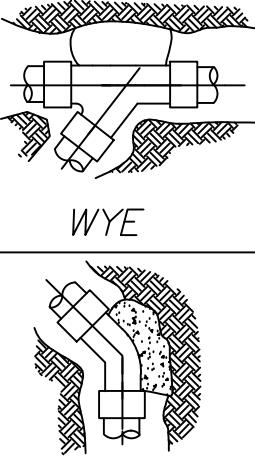
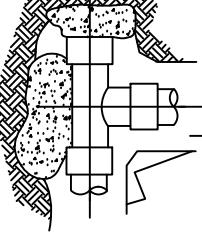
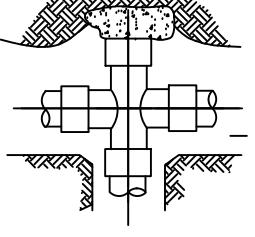
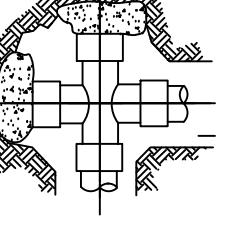
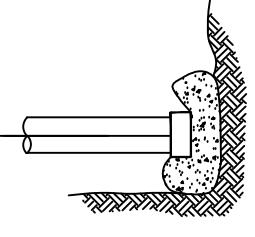
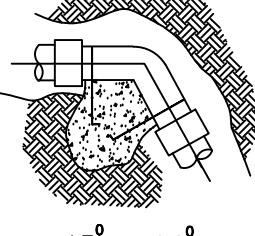
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| 06 | CITY ENGINEER | 08/2024 | WATER MAIN INSTALLATION GENERAL NOTES |
| | | | |
| | 2022 Standard Drawings | | 1 OF 2 |

| THE PONDS PUD | | NOTES | |
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| | | CITY OF CENTRALIA WA. | |
| DESIGNED BY: <u>CLA/RWB</u> | NO. <u>1</u> | DATE <u>3.17.25</u> | REVISION <u>1ST REVIEW COMMENTS</u> |
| DRAWN BY: <u>CLA/ALE</u> | NO. <u>2</u> | DATE <u>4.24.25</u> | REVISION <u>2ND REVIEW COMMENTS</u> |
| CHECKED BY: <u>RWB</u> | | | |
| | | DATE: <u>03/14/2025</u> | |
| | | SCALE: <u>N.T.S.</u> | |

Required Separation Between Water Lines and Sanitary Sewers, Parallel Construction

Required Separation Between Water Lines and Sanitary Sewers, Unusual Conditions Parallel Construction

| APPROVED BY | REVISED DATE | CITY OF CENTRALIA | STD. PLAN |
|------------------------|--------------|--------------------------------------|-----------|
| CITY ENGINEER | 06/2017 | WATER AND SEWER SEPARATION DETAIL | |
| | | | |
| 2022 Standard Drawings | | | 2-19 |

| | | | |
|---|--|---|---|
|  |  |  |  |
| TEE | CROSS | GATE VALVE | HORIZ. BEND |
|  |  |  |  |
| TEE WITH PLUG | CROSS WITH PLUG | CROSS WITH PLUGS | PLUG OR CAP |
|  | <p>NOTES:</p> <ol style="list-style-type: none"> 1. CONCRETE THRUST BLOCKING TO BE Poured AGAINST UNDISTurbed EARTH. 2. PLASTIC BARRIER (12 MIL.), SHALL BE PLACED BETWEEN ALL THRUST BLOCKS & FITTINGS 3. ANCHOR REBAR SHALL BE #8 ON 12" DIA. AND LESS WITH 30" EMBEDMENT, #8 ON 16"-24" DIAMETER WITH 36" EMBEDMENT. 4. ALL FITTINGS TO BE MJ-MEGA LUG RETAINER GLANDS 5. PLUGS TO BE MINIMUM OF 5' FROM TEE, WYE OR CROSS ON VALVE 6. ALL MECHANICAL BOLTS TO FITTINGS SHALL HAVE ANTI-SEIZE COMPOUND APPLIED TO THE BOLTS 7. NO CONCRETE WILL COME IN CONTACT WITH ANY MECHANICAL JOINTS | | |
| VERT. BEND | | | |

LIVE TAP

CUT-IN-TEE

TAPPING SLEEVE
ROMAC INDUSTRIES, INC.
88T 304 STAINLESS STEEL

NOTES:

1. 12 ML PLASTIC OR CONSTRUCTION FABRIC SHALL BE WRAPPED AROUND PIPE AND FITTINGS BEFORE THRUST BLOCKS ARE POURED.
2. SUPPORT VALVE AND SLEEVE CONTINUOUSLY THROUGH INSTALLATION.

CITY OF CENTRALIA
LIVE TAP & CUT-IN-TEE STANDARD

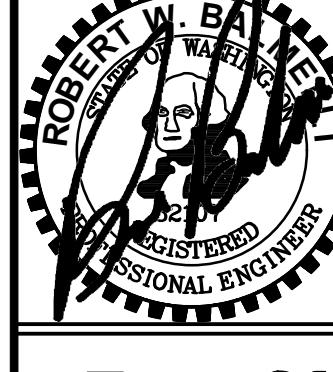
WATER MAIN INSTALLATION GENERAL NOTES

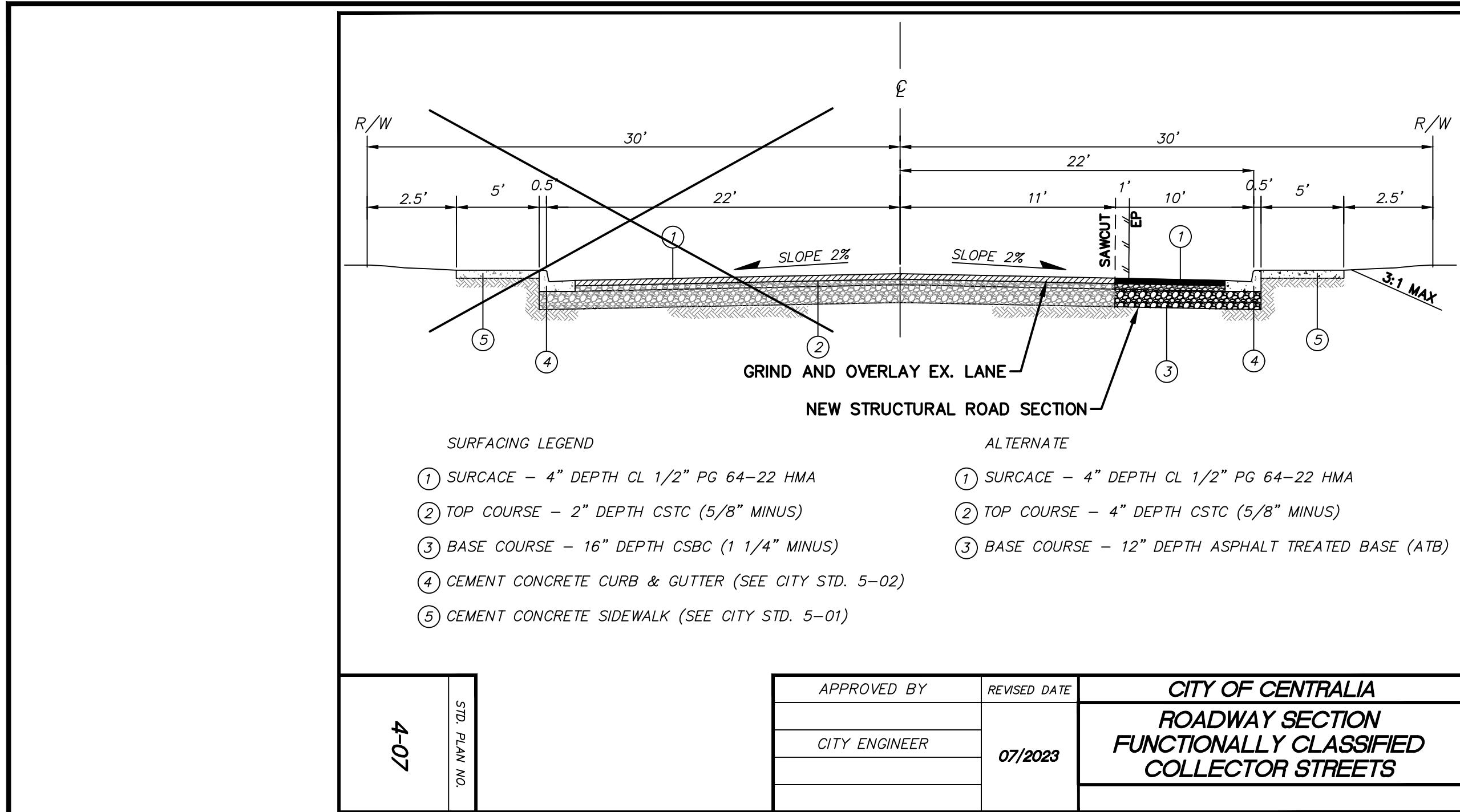
16. Where the water line crosses a sanitary sewer, the water line shall be above the sewer line whenever possible, with a separation of at least 18 inches between the invert of the water line and the crown of the sewer pipe. If this criteria can not be achieved the sewer pipe shall be cased within ductile iron pipe for a distance of 10 feet either side of the water line.
17. All "LONG SIDE SERVICES" shall be cased in 160 psi pipe.
18. Water services noted as "long side" shall require a schedule 160 PVC pipe as a casing to cross the R.O.W.

| | |
|---------------------------------|-------------------------------|
| 3/4" service – casing dia. 1.5" | 1.5" service – casing dia. 3" |
| 1" service – casing dia. 2" | 2" service – casing dia. 3" |
19. ALL ASBESTOS PIPE WORKMANSHIP MUST FOLLOW THE GUIDE LINES SET FORTH BY THESE AGENCIES:
Southwest Washington Air Pollution Control Authority (SWAPCA) and Labor and Industries (L&I).
20. Call the Underground Location Center at 1-800-424-5555 or 811 at least 48 hours before any excavation.

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| BY: _____ | DATE: _____ |
| CITY ENGINEER | |
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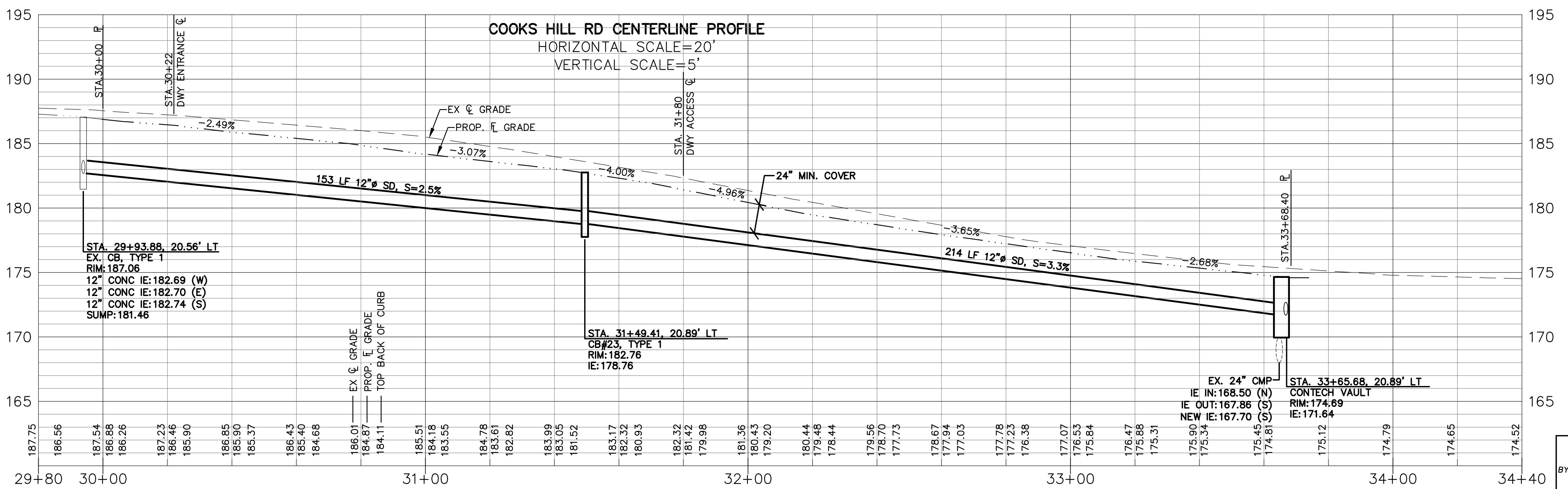
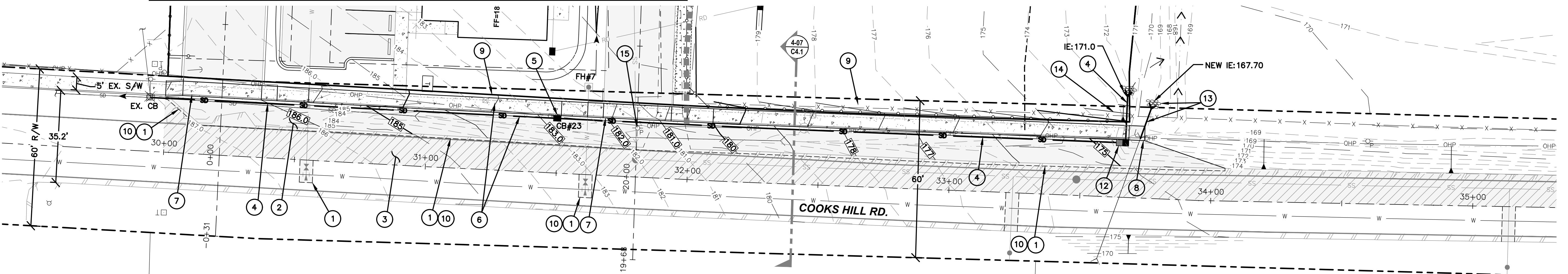
| PLAN NO. | APPROVED BY | REVISED DATE | CITY OF CENTRALIA |
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| | | | WATER MAIN INSTALLATION GENERAL NOTES |
| | CITY ENGINEER | 08/2024 | |
| | | | 2 OF 2 |

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|---|---|
|  | |
| RB Engineering | |
| DESIGN → PERMIT → MANAGE | |
| P.O. Box 923 CHEHALIS, WA 98532 | OFF: (360) 740-8919 EMAIL: CivilPros@RBEngineers.com |
|  Know what's below. Call 811 before you dig | |
| JOB NUMBER <hr/> 21101 <hr/> | |
| DRAWING NAME <hr/> C3.9_WTDN <hr/> | |
| C3.9 | |



FRONTAGE CONSTRUCTION NOTES:

- ① SAWCUT 430 LF OF EXISTING ASPHALT PER PLAN.
- ② EXCAVATE OUT AND RE-CONSTRUCT 10 FEET OF ROAD AND PAVEMENT PER CROSS SECTION THIS SHEET.
- ③ GRIND 0.17 FT DEEP OF EXISTING ASPHALT PAVING PER HATCHING LIMITS. OVERLAY SHALL BE HMA $\frac{1}{2}$ INCH ASPHALT. GRINDING LIMITS SHALL BE ENTIRE HALF OF SOUTH LANE AS SHOWN PER PLAN AND DOWN TO THE END OF NEW SEWER MAIN.
- ④ INSTALL 12" Ø ADS N-12 STORM MAIN PIPE PER PLAN AND PROFILE.
- ⑤ INSTALL NEW TYPE 1 CB PER PLAN, PROFILE, AND DETAIL ON SHEET C2.8.
- ⑥ INSTALL NEW CONCRETE CURB AND GUTTER AND SIDEWALK PER PLAN AND PROFILE. SEE STD. DETAILS ON SHEET C4.2.
- ⑦ CONSTRUCT NEW CONCRETE DRIVEWAYS PER PLAN AND DETAIL ON SHEET C4.2.
- ⑧ CONSTRUCT TEMPORARY ASPHALT ADA RAMP OFF END OF NEW CONCRETE SIDEWALK. GRADE NOT TO EXCEED 12:1 SLOPE. TRANSITION TO EXISTING ASPHALT GRADE.
- ⑨ GRADE LANDSCAPE AREA IN RIGHT OF WAY PER GRADES SHOWN. SLOPE TOWARD BACK OF SIDEWALK. HYDROSEED ALL EXPOSED SLOPES NOT COVERED IN LANDSCAPE PLAN.
- ⑩ SEAL ALL NEW ASPHALT JOINTS WITH EMULSIFIED ASPHALT.
- ⑪ CONTRACTOR SHALL CALL REVIEW AGENCY AND RB ENGINEERING AT (360) 740-8919 48 HOURS PRIOR TO POURING CONCRETE CURB AND GUTTER FOR GRADE INSPECTION OF CONCRETE CURB. FAILURE TO CALL FOR INSPECTION MAY RESULT IN CONTRACTOR REMOVING AND RE-CONSTRUCTING CONCRETE CURB AND OR SIDEWALK.
- ⑫ INSTALL NEW CONTECH CATCH BASIN FILTER PER PLAN AND DETAILS ON SHEET C5.2.
- ⑬ EXTEND EXISTING 24" CMP CULVERT 12 FEET. ARMOR OUTFALL WITH 8" QUARRY ROCK.
- ⑭ MAXIMUM SLOPE TO DITCH SHALL BE 3:1. ARMOR SLOPE WITH GEOTEXTILE FABRIC AND QUARRY ROCK.
- ⑮ COORDINATE WITH CENTRALIA CITY LIGHTS FOR RELOCATION OF EXISTING UTILITY POLE AND OVERHEAD POWER TO BEHIND SIDEWALK.

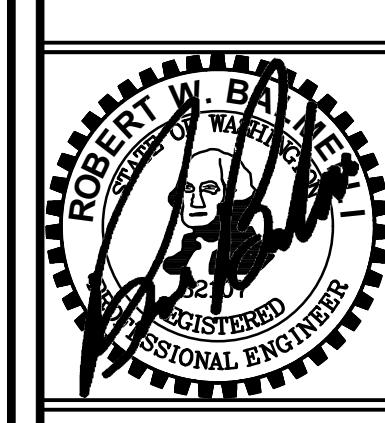


| | | | |
|----------|---|---------|---------------------|
| REVISION | 1 | 3/17/25 | 1ST REVIEW COMMENTS |
| NO. DATE | 2 | 4/24/25 | 2ND REVIEW COMMENTS |

DESIGNED BY: CLA/RWB
DRAWN BY: CLA/ALE
CHECKED BY: RWB
DATE: 03/14/2025
SCALE: 1"=20'

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WA.

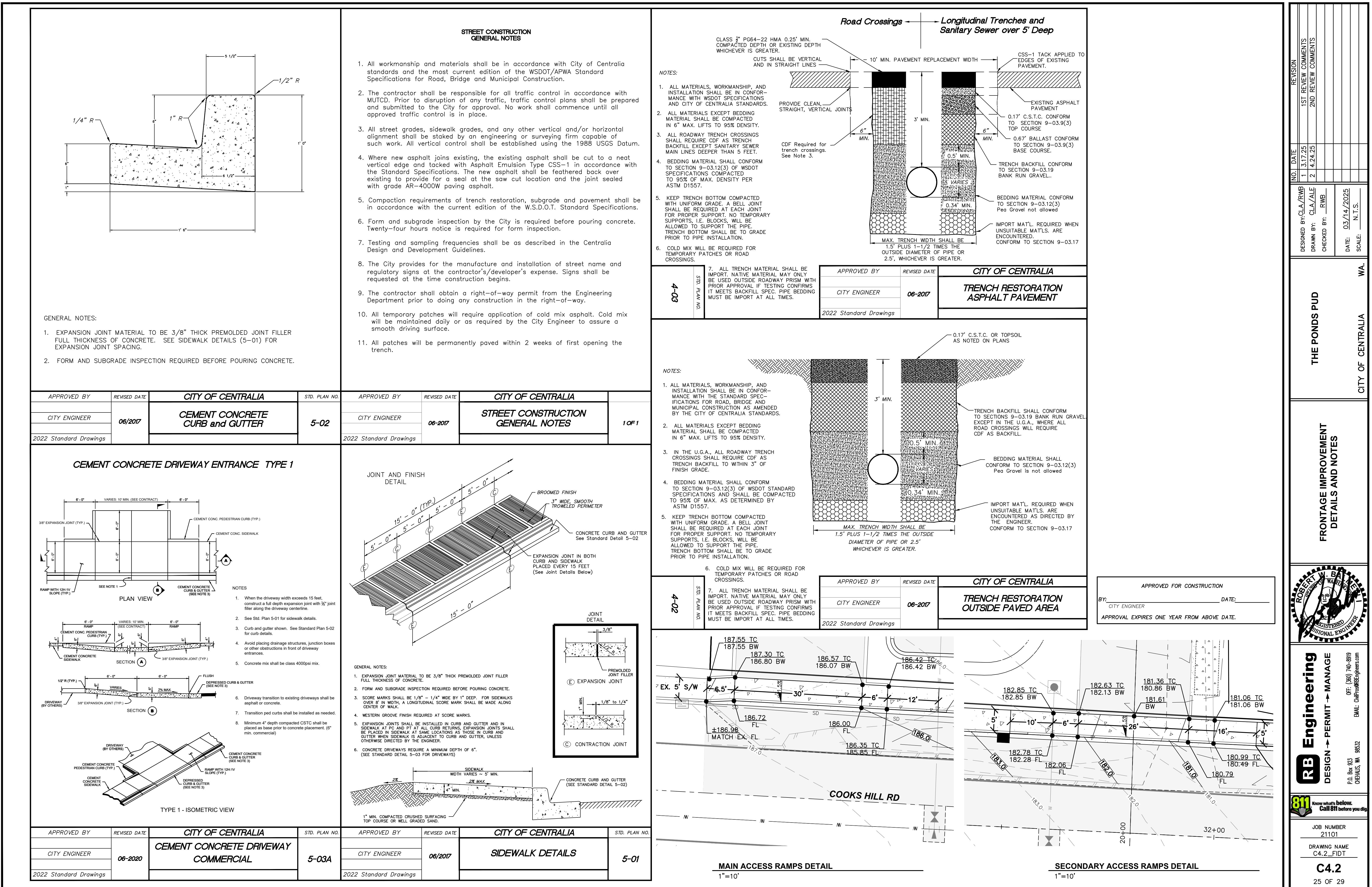
FRONTAGE IMPROVEMENT
PLAN AND PROFILE
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C4.1_FIPP
C4.1
24 OF 29

| | |
|--|-------|
| APPROVED FOR CONSTRUCTION BY: CITY ENGINEER | DATE: |
| APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE. | |



| ONSITE STREETLIGHT SCHEDULE | | | | | | |
|-----------------------------|-------------|------|-----------------|----------------------|--------------------|-----------------------|
| LIGHT STD. (LS#) | CIRCUIT NO. | TYPE | MOUNTING HEIGHT | SERVICE 240 VOLTS | COMMENTS | J BOX STATION, OFFSET |
| 1 | 1 | LED | 25'-0" | STA. 32+44, 28.5' LT | 8' SINGLE ARM MAST | STA. 32+45, 26.5' LT |

| WIRE SCHEDULE | | | | |
|---------------|--------------|------------------|--------|--------------|
| RUN NO. | CONDUIT SIZE | #8 AWG BARE GRD. | #8 AWG | COMMENTS |
| 1 | 2" PVC | 1 | 2 | ILLUMINATION |
| 2 | 2" PVC | 1 | 2 | PULL STRING |

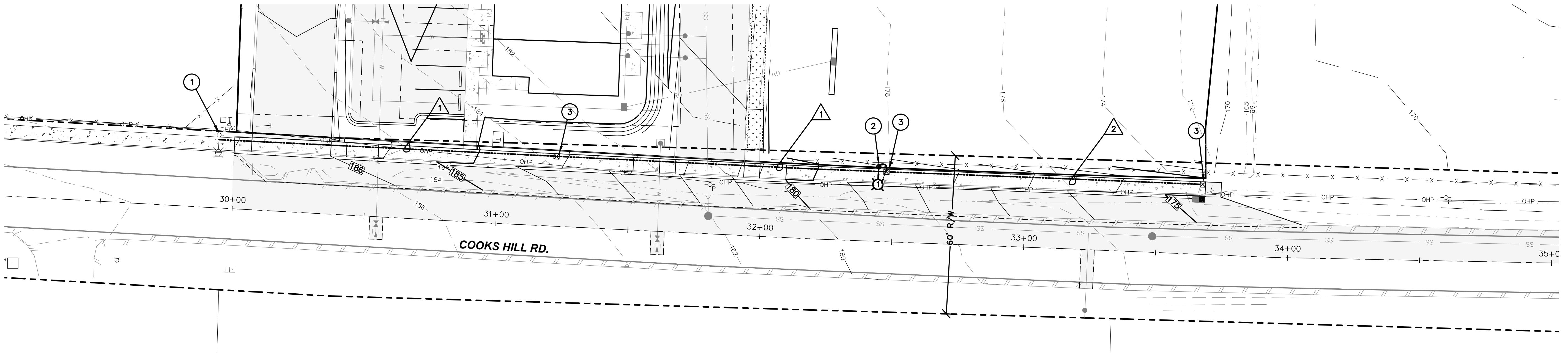
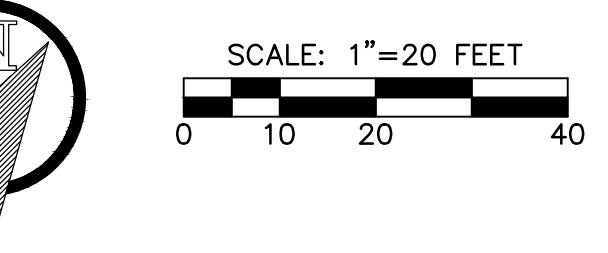
NOTE: PLACEMENT OF CONDUIT AND JUNCTION BOXES SHOWN ON PLANS IS FOR ILLUSTRATION PURPOSES ONLY. CONDUIT SHALL BE PLACED UNDER SIDEWALK AND SHALL BE WITHIN TWO FEET OF BACK EDGE OF SIDEWALK.

LEGEND:

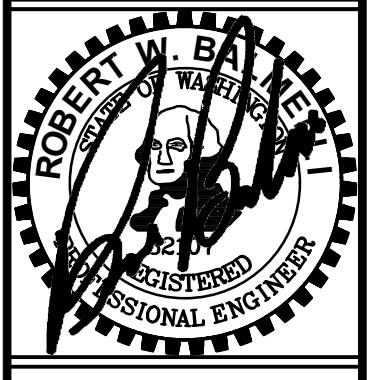
- NEW LUMINAIRE
- ☒ TYPE 1 JUNCTION BOX
- NEW STREET LIGHT SERVICE CONDUIT RUN

STREET LIGHT CONSTRUCTION NOTES:

- ① LOCATE EXISTING STREET LIGHTING J-BOX AND EXTEND CONDUIT AND CIRCUIT FOR NEW STREET LIGHTS. VERIFY CIRCUIT VOLTAGE IS 240V.
- ② INSTALL STREET LIGHT FOUNDATION, STANDARD, LUMINAIRE AND ASSOCIATED HARDWARE PER DETAILS AND STREET LIGHTING REQUIREMENTS ON SHEET C5.2. SEE STREET LIGHT SCHEDULE THIS SHEET. PROVIDE CONCRETE PAD AROUND POLE BASE.
- ③ INSTALL TYPE 1 JUNCTION BOX PER CITY STANDARD DETAIL 7-02 ON SHEET C5.2. SET FLUSH IN WALK AND WITH BACK OF WALK.



STREET LIGHTING PLAN



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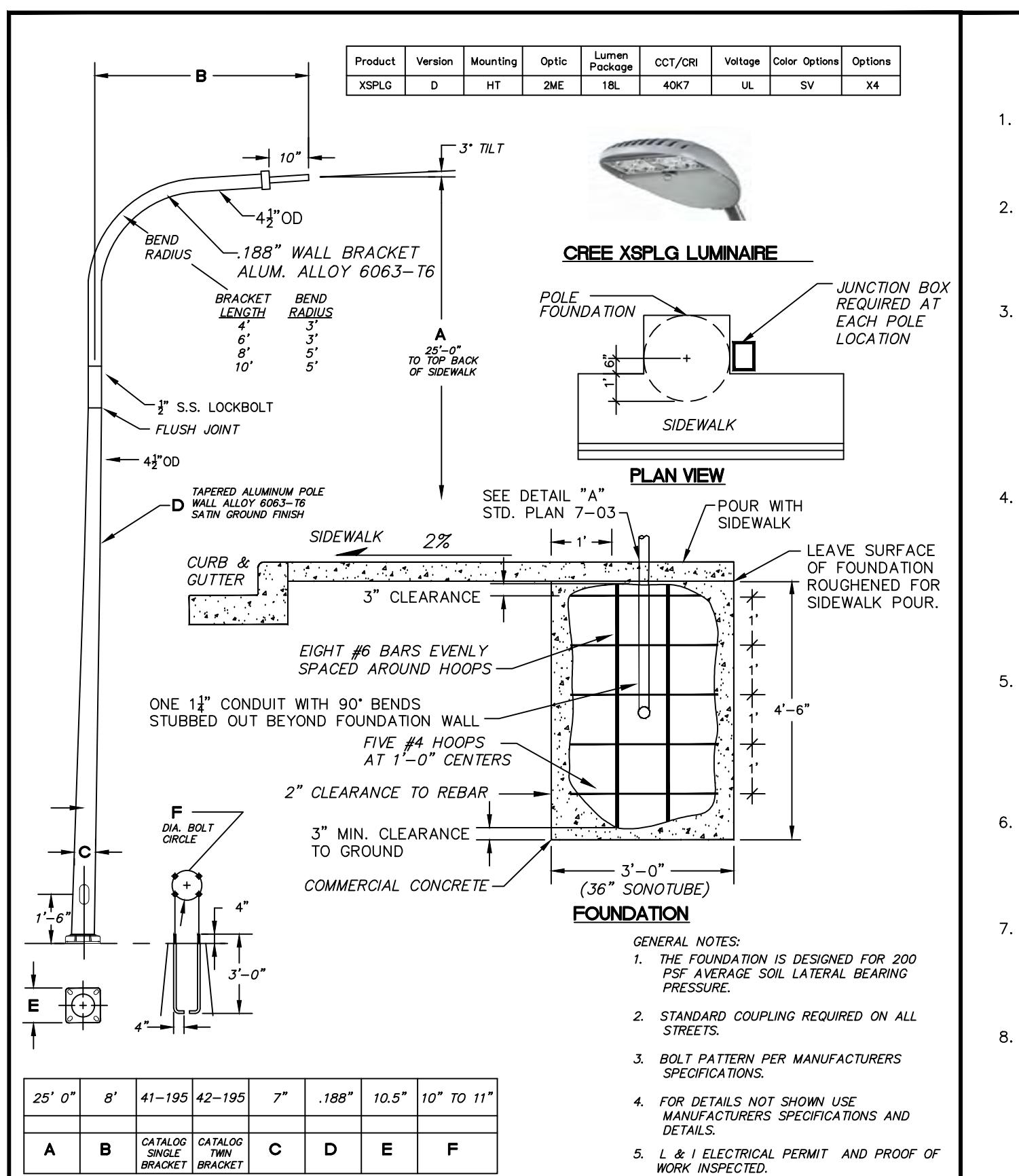
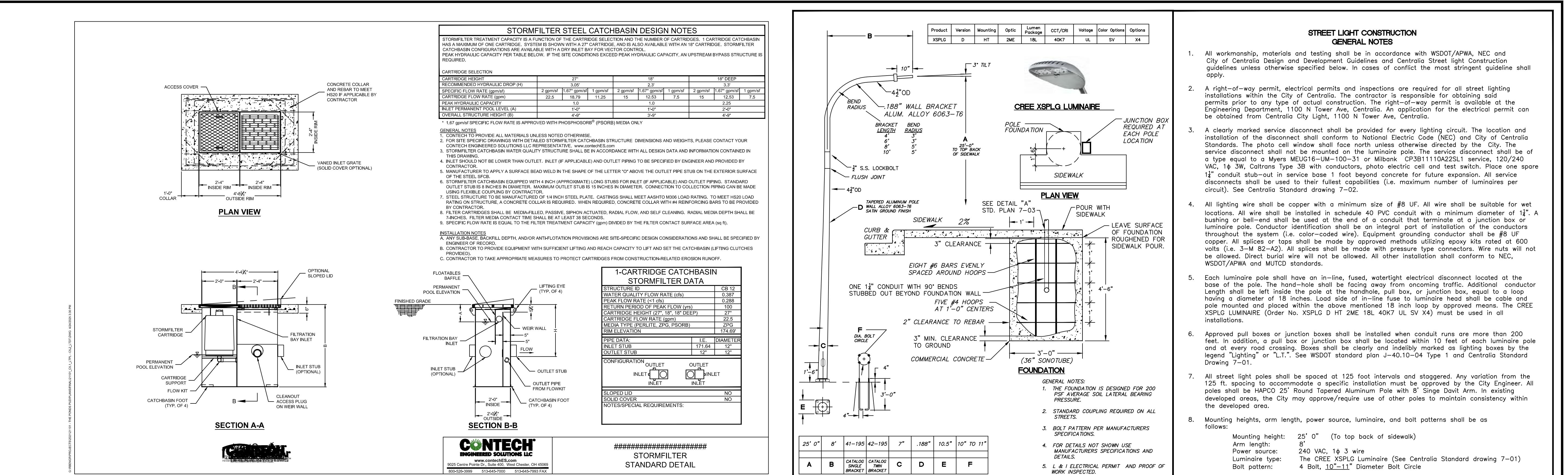
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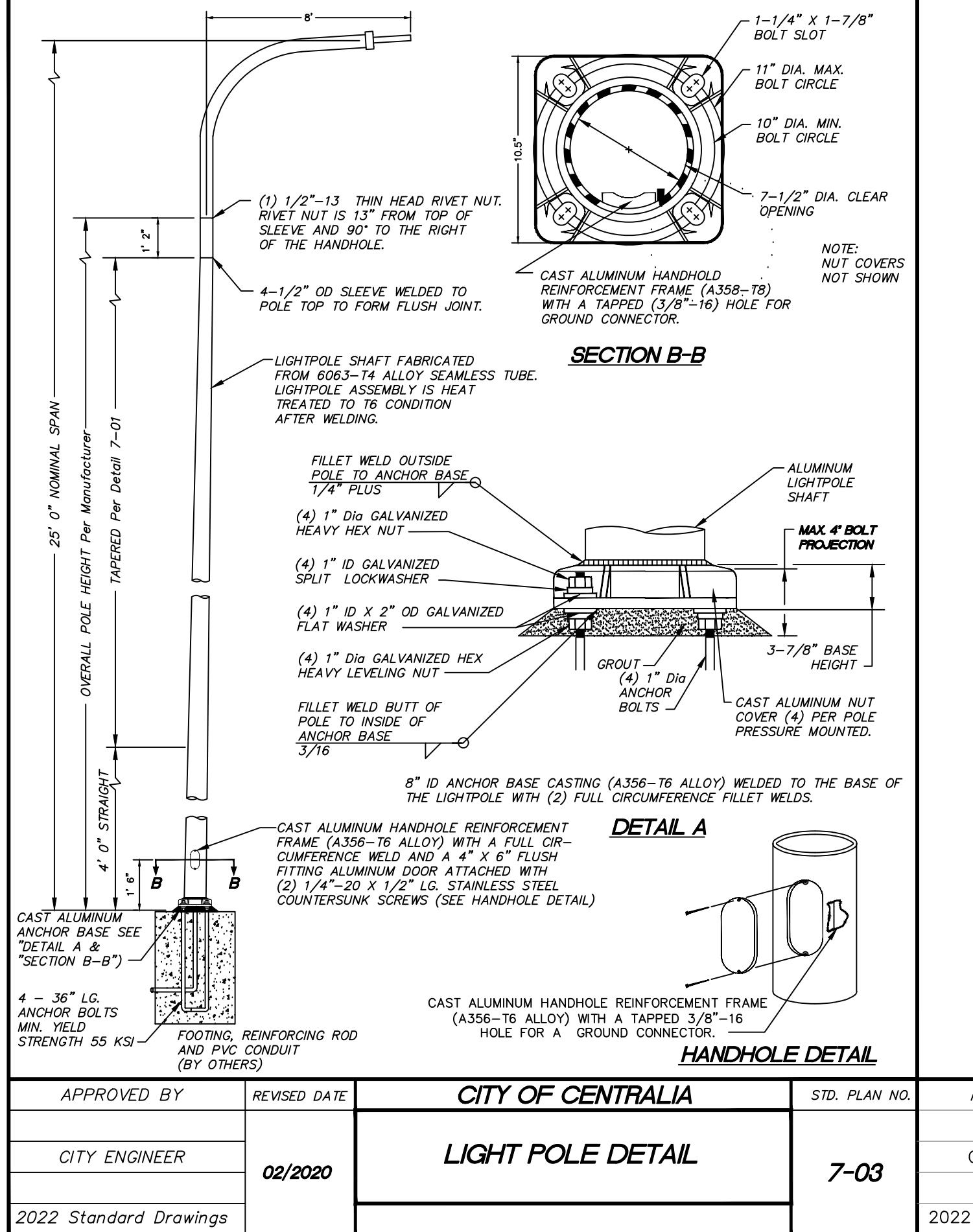
JOB NUMBER 21101
DRAWING NAME C5.1_LTPL
APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE.
C5.1
26 OF 29

| | |
|--|-------|
| APPROVED FOR CONSTRUCTION | |
| BY: | DATE: |
| CITY ENGINEER | |
| APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE. | |

| | | |
|----------------------|---------------------|---------------------|
| REVISION | 1ST REVIEW COMMENTS | 2ND REVIEW COMMENTS |
| NO. DATE | 1 3/17/25 | 2 4/24/25 |
| DESIGNED BY: CLA/RWB | DRAWN BY: CLA/ALF | CHECKED BY: RWB |
| DATE: 03/14/2025 | SCALE: 1"=20' | WA. |



| APPROVED BY | REVISED DATE | CITY OF CENTRALIA | STD. PLAN NO. | APPROVED BY | REVISED DATE | CITY OF CENTRALIA |
|------------------------|--------------|----------------------|---------------|------------------------|--------------|---|
| CITY ENGINEER | 02/2020 | STREET LIGHT DETAILS | 7-01 | CITY ENGINEER | 06/2020 | STREET LIGHT CONSTRUCTION GENERAL NOTES |
| 2022 Standard Drawings | | | | 2022 Standard Drawings | | 1 of 2 |



| APPROVED BY | REVISED DATE | CITY OF CENTRALIA | STD. PLAN NO. | APPROVED BY | REVISED DATE | CITY OF CENTRALIA |
|---------------|--------------|-------------------|---------------|---------------|--------------|---|
| CITY ENGINEER | 02/2020 | LIGHT POLE DETAIL | 7-03 | CITY ENGINEER | 06/2020 | STREET LIGHT CONSTRUCTION GENERAL NOTES |

| NO. DATE | REVIEW COMMENTS |
|-----------|---------------------|
| 1 3/17/25 | 1ST REVIEW COMMENTS |
| 2 4/24/25 | 2ND REVIEW COMMENTS |

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STREET LIGHTING DETAILS AND NOTES

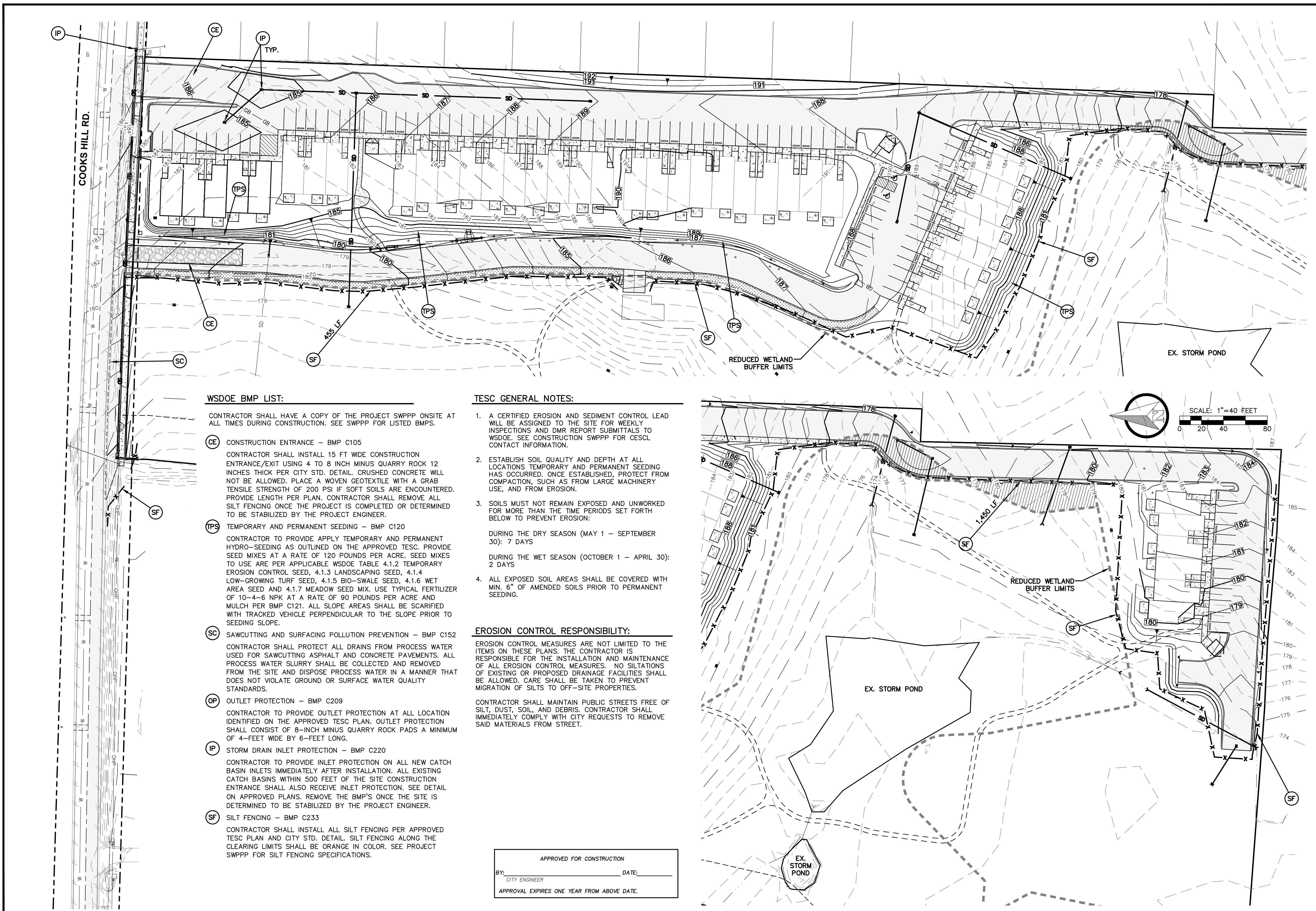
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JOHN W. BAKER, PE
REGISTERED PROFESSIONAL ENGINEER

OFF: (360) 740-1819
EMAIL: John@RBEngineering.com

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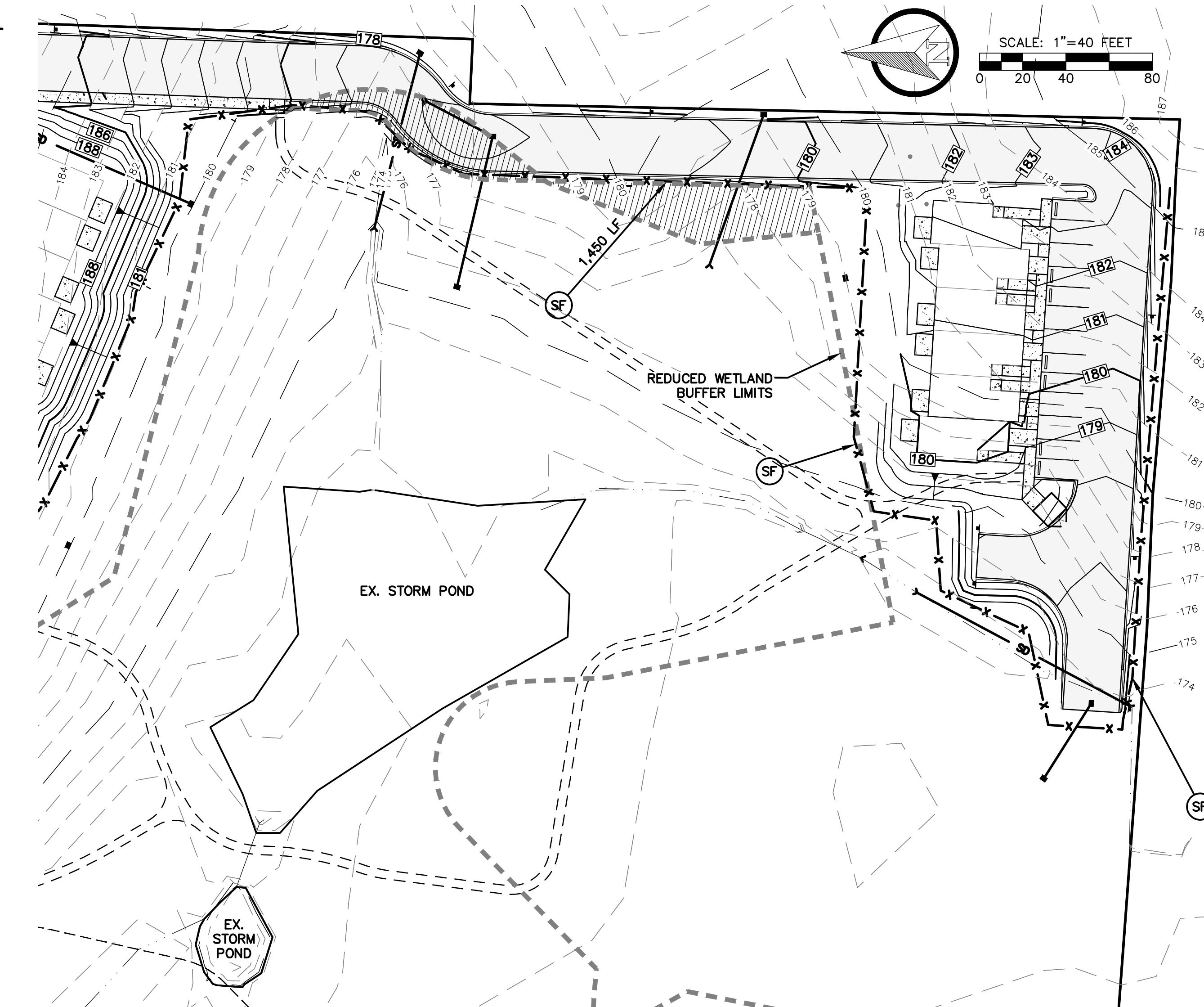
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|----------------------|---------------------|---------------------|
| REVISION | NO. DATE | 1. 3/17/25 |
| | 1ST REVIEW COMMENTS | |
| | 2. 4/24/25 | 2ND REVIEW COMMENTS |
| DESIGNED BY: CLA/RWB | DRAWN BY: CLA/ALE | CHECKED BY: RWB |
| DATE: 03/14/2025 | SCALE: 1"=40' | WA. |

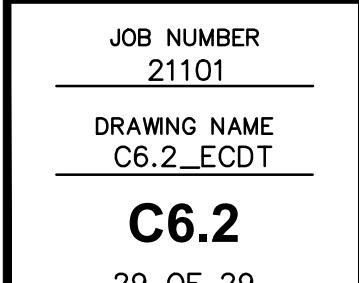
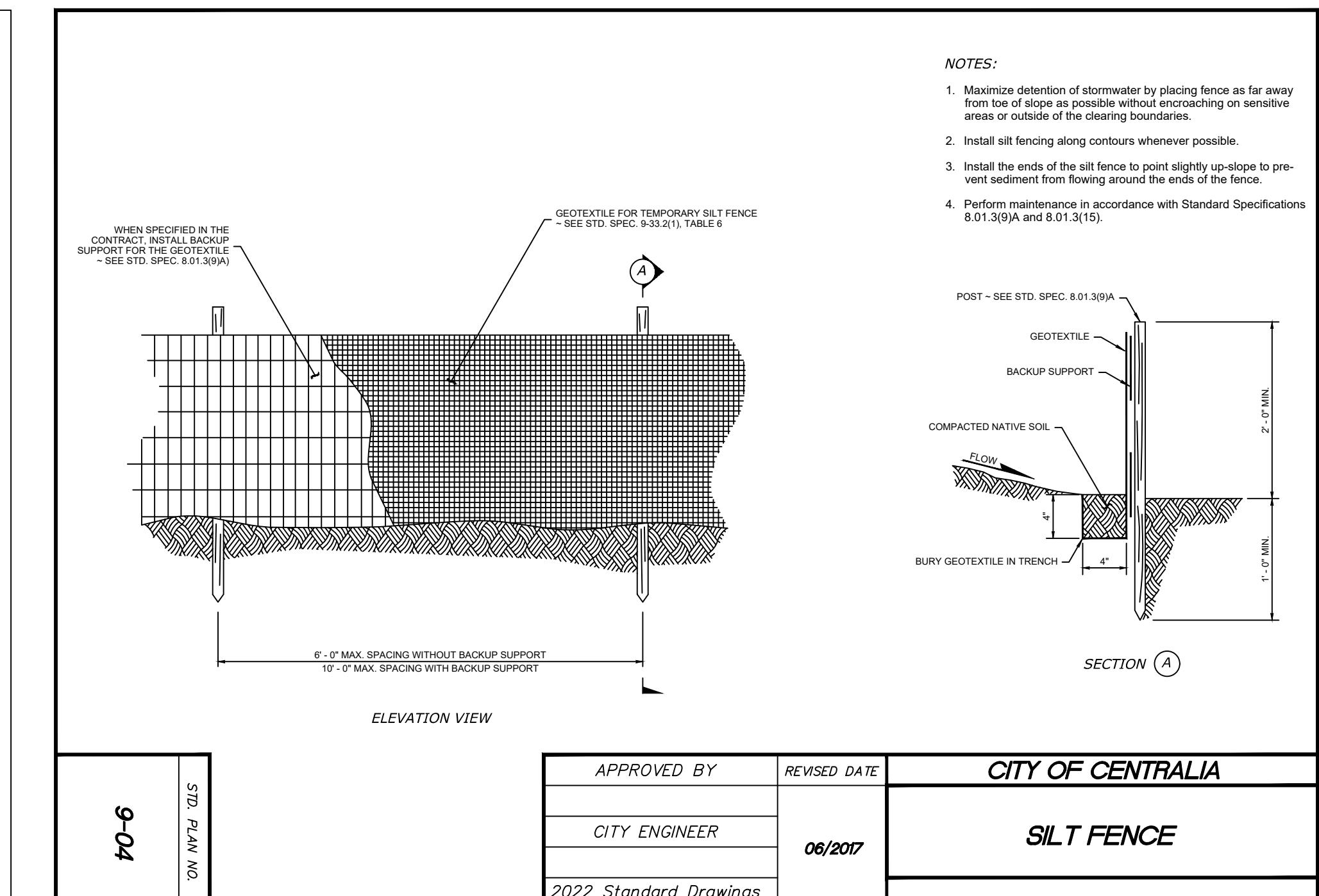
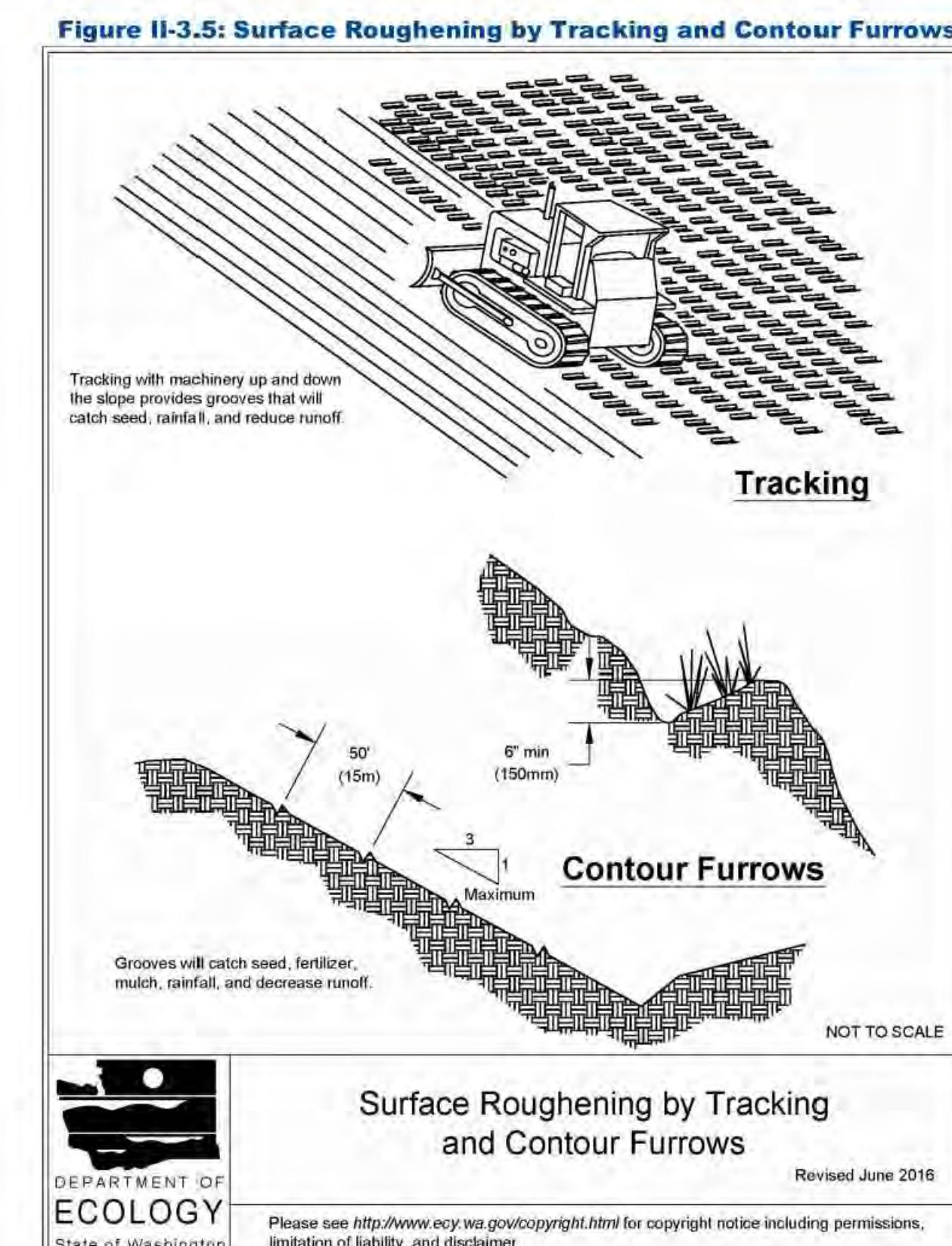
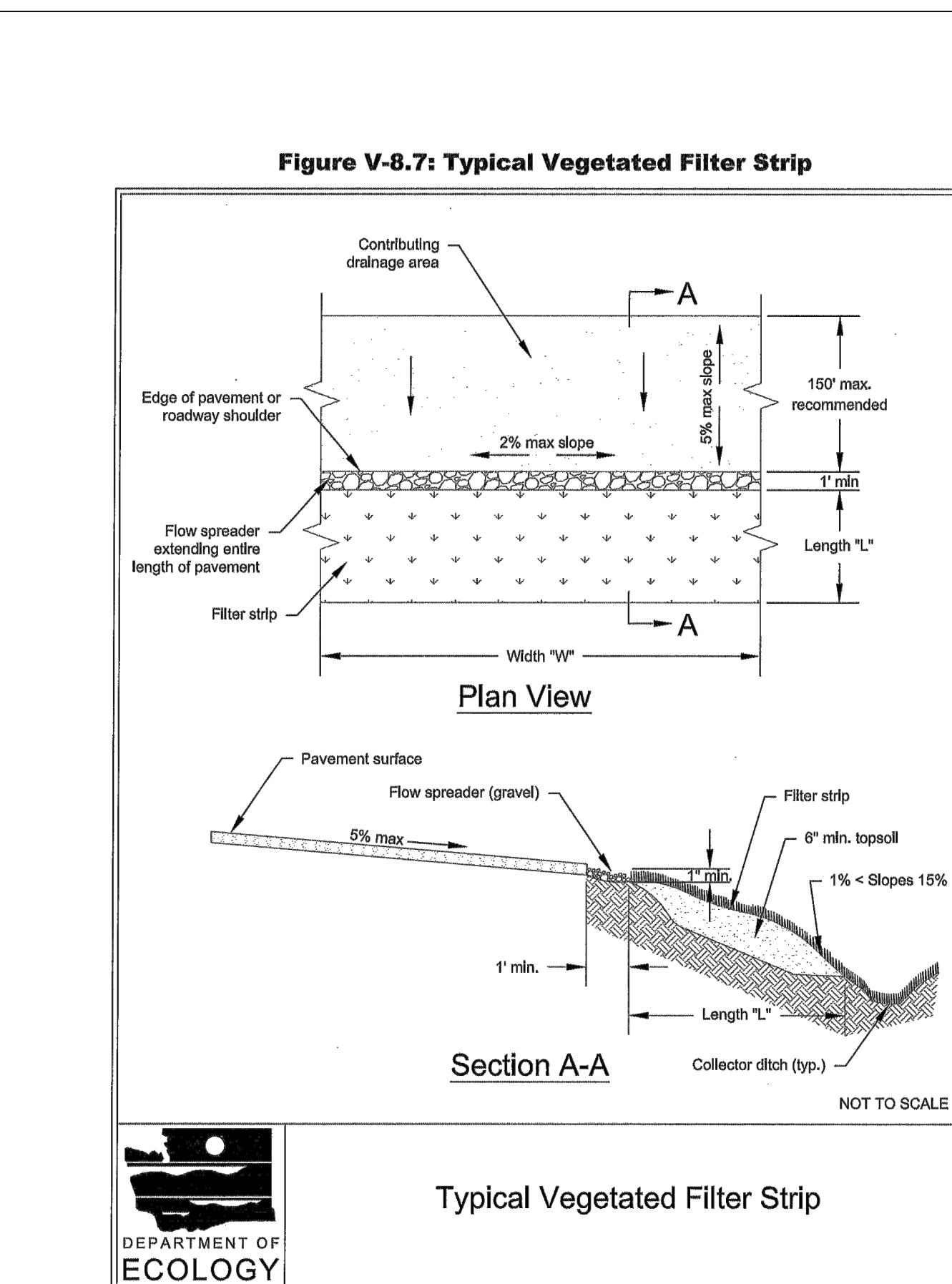
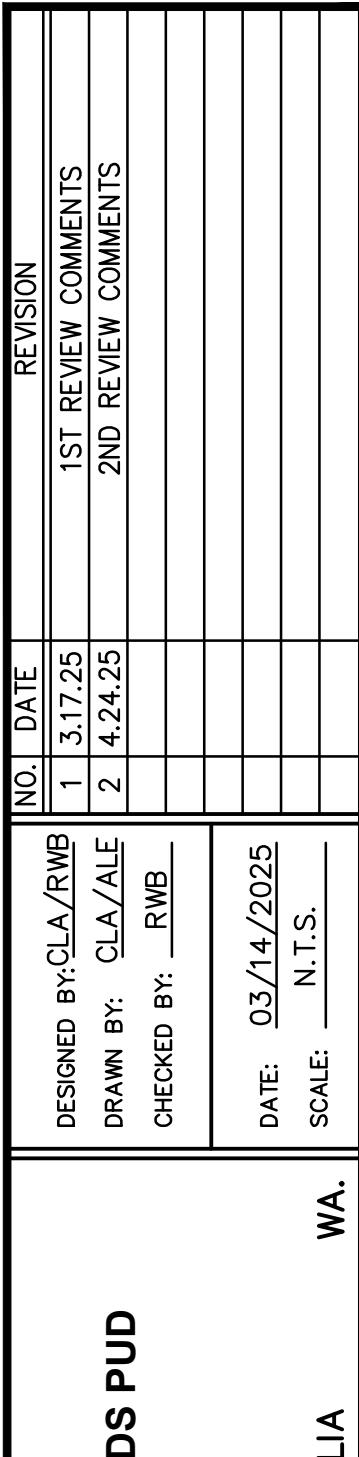
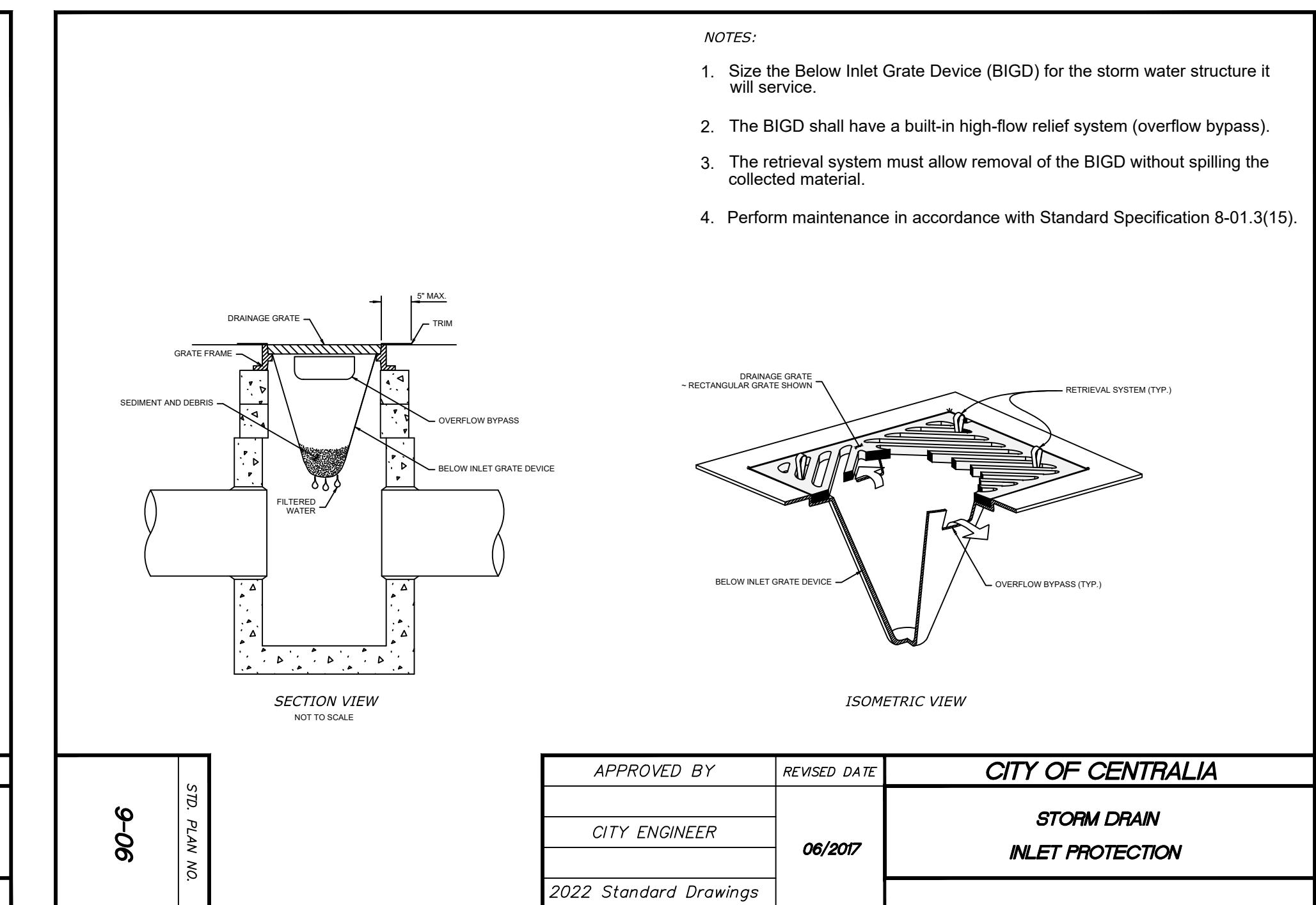
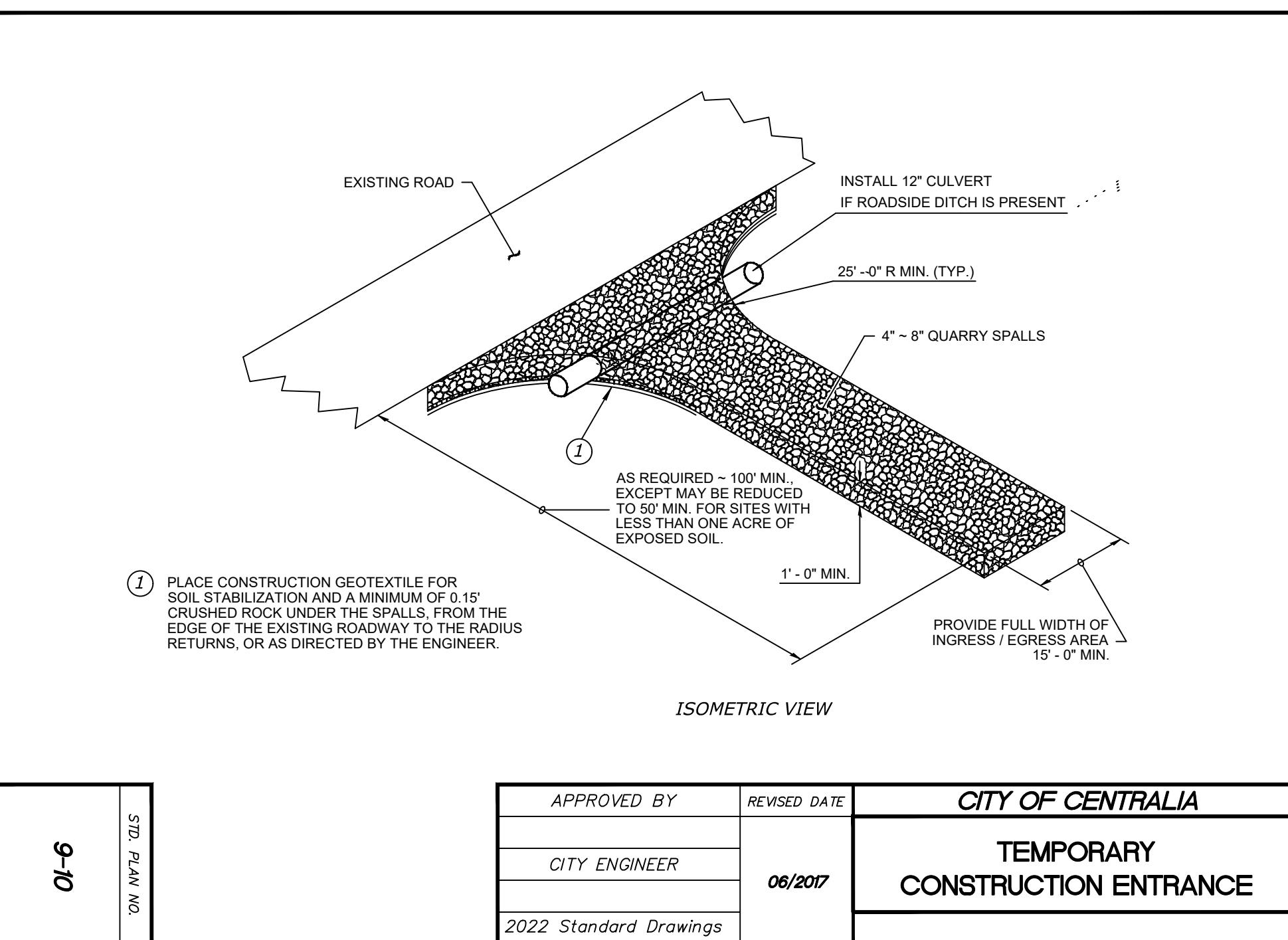
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*ROBERT W. BAKER, P.E.
REGISTERED PROFESSIONAL ENGINEER*







710 S Yew Street

