

This Addendum is hereby made a part of the Contract Documents to the same extent as though it were originally included therein.

ARCHITECTURAL

1.1 MANDATORY PRE-BID CONFERENCE

- A. The attendance sheet for the mandatory pre-bid conference held at the Project site on Tuesday, April 18, 2023 at 3:30 pm, is attached hereto.

1.2 SPECIFICATIONS

A. SECTION 000110, TABLE OF CONTENTS:

1. Page 1, Line 34: Insert Line:
“ Temporary Enclosure Site Plan”

B. SECTION 011000, SUMMARY:

1. Article 1.9, C, 3: Add:
“b. Refer to exhibit following this Section for temporary enclosure(s) required and/or permissible around areas of Work and area for staging/storage. Temporary fencing noted thereon may be either temporary chain-link fencing or portable chain-link fencing as described in Section 015000, or a combination thereof.”
2. Insert: Drawing “Temporary Enclosure Site Plan”, copy included with this addendum, after calendars at end of Section.

C. SECTION 102113.17, PHENOLIC-CORE TOILET COMPARTMENTS:

1. Article 2.2, J: Revise to Read:
“J. Phenolic Panel Height:
 1. Compartments and Entrance Screens: 58 Inches, starting 12 inches above floor level, unless indicated otherwise.
 2. Urinal Screens: 48 inches, starting 12 inches above floor level, unless indicated otherwise.
 3. At Early Learning Center (ELC) Toilet Room(s): 42 Inches, starting 6 inches above floor level (top of panel @48 inches above finish floor level).”

D. SECTION 112429, FALL RESTRAINT SYSTEM:

1. Replace: Section 112429 in its entirety with the revised section attached to this addendum. Revised text shown in red.

1.3 DRAWINGS

A. SHEET A7.01, ENLARGED TOILET PLANS & INTERIOR ELEVATIONS:

1. Enlarged ELC Toilet Plan 1A: Add Note:
“TOILET COMPARTMENT PANELS TO BE 42 INCHES IN HEIGHT, STARTING 6 INCHES ABOVE FLOOR LEVEL (TOP OF PANEL @ 48 INCHES ABOVE FINISH FLOOR ELEVATION)”

END OF ARCHITECTURAL ADDENDUM NUMBER 01

NAC

Meeting Attendance

Meeting Mandatory Pre-Bid Conference

Project	Logan ELC & Wellness Center
Date	April 18, 2023
NAC No.	111 - 22056 - 09
Owner Project No.	

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Mike Huhle	Energy 2.0 Elect	Mike@Energy2Elect.com	509-485-6447
Louis Witt	PRO MECH	LouisW@PRO-M51.com	509 389 1107
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NAC

Meeting Attendance

Meeting Mandatory Pre-Bid Conference

Project

Logan ELC & Wellness Center

Date

April 18, 2023

NAC No. 111

-22056

-09

Owner Project No.

Name

Michael Cole

JASON BAILEY

MATT WHEELWRIGHT

Tom Schuffler

Scott Vandever

Jackson Gradin

Rob Grogg

Mike Blankenship

CARLEY FORSYTH

JOHN ELDER

Company/Department

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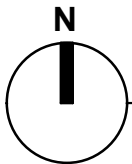
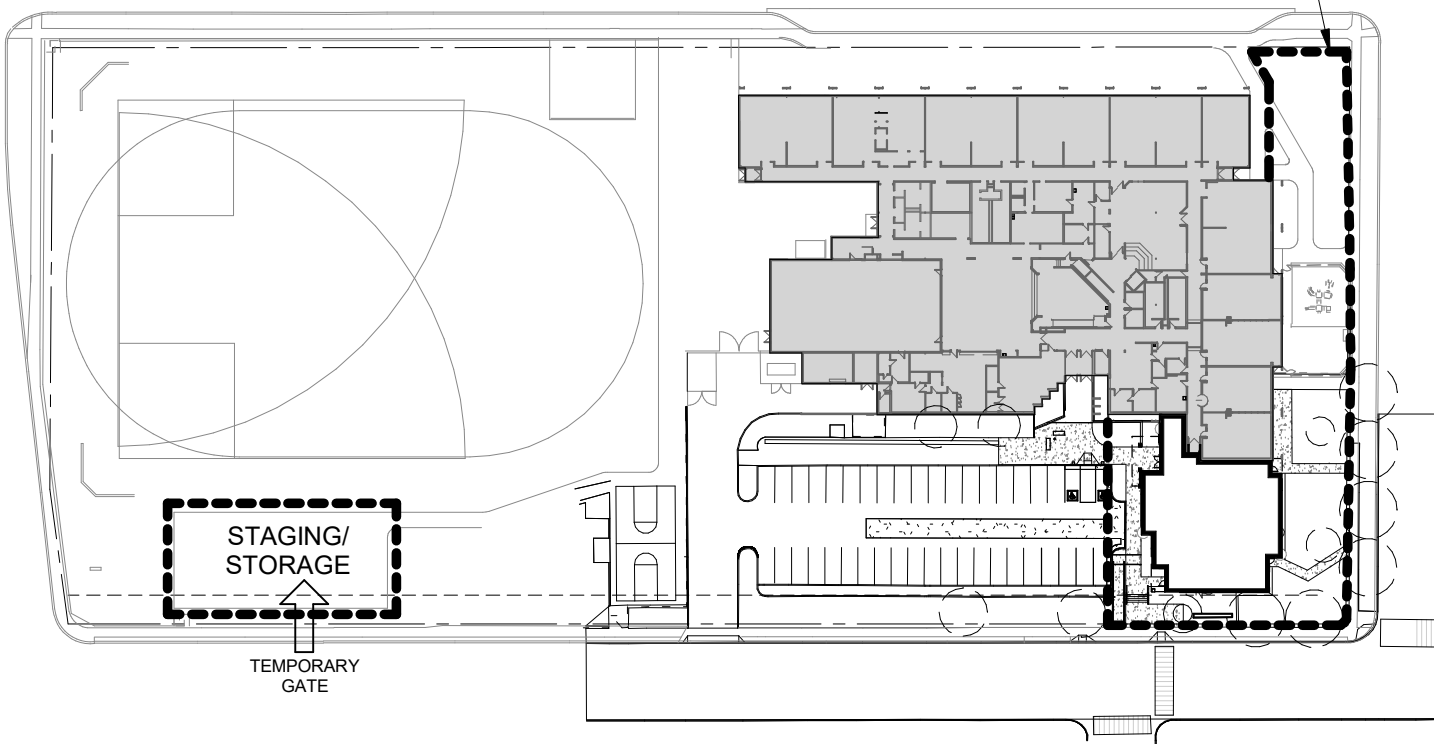
509-998-2595

509 354-5771

509 354-5771



LIMIT OF CONTRACTOR'S ENCLOSED WORK AREA.
SURROUND ALL AREAS OF WORK WITH
TEMPORARY FENCING AND PROVIDE TEMPORARY
GATES AS REQUIRED FOR ACCESS. RESTORE ANY
PERMANENT FENCING MODIFIED FOR ACCESS TO
ORIGINAL CONDITION AT COMPLETION OF WORK.
COORDINATE TEMPORARY INTERRUPTIONS TO
NORMAL PEDESTRIAN AND VEHICLE CIRCULATION,
AND PARKING, WITH OWNER.



TEMPORARY ENCLOSURE SITE PLAN

Scale: 1" = 100'-0"

SECTION 112429 – FALL RESTRAINT SYSTEM

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division-1 Specification sections, apply to work of this section.

1.2 SUMMARY

- A. Section Includes:
 - a. Roof tie-down system of fall restraint for worker safety.
- B. Related Requirements:
 - 1. Section 051200 "Structural Steel Framing".
 - 2. Section 052100 "Steel Joists".
 - 3. Section 053100 "Steel Decking".
 - 4. Section 075423 "Thermoplastic Polyolefin (TPO) Roofing".

1.3 SYSTEM DESCRIPTION

- A. General: Provide structural fall restraint and fall arrest system capable of withstanding loads and stresses within limits and under conditions specified in OSHA and other applicable safety codes. Provide fall prevention anchors permanently attached to roof structure.
- B. Design Requirements: Anchors and accessories comprising individual anchor points, suitable for one user per anchor point.
- C. Performance Requirements: System and components tested for resistance of following loads:
 - 1. Fall Restraint: Anchorage points used for fall restraint must be capable of supporting 4 times the intended load (per user).
 - 2. Anchorages for full body harness systems must be capable of supporting **5,000** pound tension load applied horizontally to the top of the anchorage point, without cracking, breaking, or taking a permanent deformation.
- D. **Standards Compliance: Installed assembly to comply with ANSI/ASSP Z359.1* and ANSI/ASSP Z359.18.**
 - 1. ***Note: ANSI/ASSP Z359.1 is referenced in the governing building code. New anchors produced after the effective date of the current ANSI/ASSP Z359.1 overview standard may not be labeled as complying with ANSI/ASSP Z359.1 as a product standard, but instead must be labeled for compliance with ANSI/ASSP Z359.18-2017. Anchors labeled for compliance with ANSI/ASSP Z359.18 shall also be provided with documentation showing compliance with the prior product standard, ANSI/ASSP Z359.1-2007, to show conformance with the applicable building code.**

2.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Firm having at least 10 years continuous experience in manufacturing fall safety equipment similar to systems specified and exhibiting records of successful in-service acceptability and performance.
- B. Washington State L&I: Comply with WAC Chapter 296-155, and all other rules adopted by the Department of Labor & Industries governing workplace safety at rooftop conditions without perimeter guards.
- C. OSHA Standards: Comply with Occupational Safety and Health Administration Standards for the Construction Industry 29 CFR § 1926.500 Subpart M (Fall Protection) safety standards for Fall Restraint and Fall Arrest.
- D. Welding: Qualify procedures and personnel for field-welding according to American Welding Society's AWS D1.1-00, Structural Welding Code – Steel.
- E. Testing: Perform quality control tests for each system per manufacturer's requirements.

1.4 SUBMITTALS

- A. Product Data: For each type of fall prevention device specified, including manufacturer's standard fabrication details and installation instructions.
- B. Shop Drawings: Show layout, profiles, and anchorage details. Include structural analysis data.
- C. Maintenance Data: Written instructions for maintenance of fall prevention safety devices to be included in the operation and maintenance manual specified in Division 1.
- D. Welding certificates.
- E. Test Reports:
 - 1. Indicate compliance with required performance requirements.
 - 2. On shop- and field-welded connections. Include data on types of tests conducted.

1.5 PROJECT CONDITIONS

- A. Coordination: Coordinate installation of structural framing to meet requirements of roof anchor manufacturer:
- B. Coordinate installation of structural framing and anchorages to receive fall prevention anchors.
- C. Coordinate placement of roofing system insulation and flashings to ensure water-tight integrity of roof.

PART 2 - PRODUCTS

2.1 PRODUCTS

A. MANUFACTURERS

1. Basis of Design: Specified components are manufactured by Guardian Fall Protection Inc., Kent WA, (www.guardianfall.com), and are specified as the established standard of quality.

2.2 MATERIALS

- A. Steel Plates, Bars: ASTM A36/A36M-01 carbon structural steel.
- B. Steel Pipe: ASTM A53/A53M-02, Schedule 80, welded and seamless.
- C. Bronze Castings: ASTM B584-00 copper alloy sand castings, Alloy UNS No. C86500 (No. 1 manganese bronze).
- D. Coating: Hot-dip galvanized after fabrication per ASTM A123/A123M-02.
- E. Accessories: Anchors and fasteners tested for substrate and structure assembly and approved by fall protection device manufacturer.

2.3 MANUFACTURED ASSEMBLIES

- A. Standard Roof Anchors: Guardian CB-18 Weld-On Anchor ~~on metal deck~~, Part No. 10652, each a welded assembly consisting of top swivel anchor ~~U-bolt eyelet~~ and pipe upright.
 1. Steel Upright: 2-1/2-inch ID steel pipe. Furnish custom lengths as necessary to compensate for total thickness of insulation and cricketing above metal deck, for minimum 10 inches of post extension above top of insulation.
 2. Swivel Anchor: Forged or cast steel or bronze loop approximately 2-3/4 inches in diameter, capable of rotating 180 degrees from horizontal, attached to swivel base capable of rotating 360 degrees in plan; entire assembly bolted to cap welded to top of steel upright.
 3. ~~Steel U Bolt: 1/2 inch cold rolled steel bar, bent to 2 inch clear diameter U shape.~~
 4. ~~Include accessory spanning baseplate for metal deck.~~

2.4 FINISH

- A. Standard Roof Anchor Finish: Hot-dip galvanized after fabrication per ASTM A123/A123M-02.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine framing and substrate and verify conditions comply with structural requirements for system performance.
- B. Notify Architect of unsatisfactory conditions and improper coordination. Proceed with installation of roof anchors only after verifying conditions are satisfactory.

3.2 INSTALLATION

- A. General: Install exterior fall prevention system devices according to manufacturer's instructions and recommendations.
- B. Provide on-site inspection and supervision of installation by factory-trained representative.
- C. Install anchors ~~by welding base of upright with screws, mechanical fasteners or welded~~ to structure as required by the manufacturer and to comply with design requirements and as necessary for watertight, secure, permanent attachment.

3.3 DEMONSTRATION

- A. Instruct Owner's designated safety engineer in proper use of fall prevention safety devices.
- B. Test and adjust system devices. Replace damaged or malfunctioning items.

END OF SECTION 112429

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CIVIL

1.1 DRAWINGS

A. SHEET C500, CIVIL UTILITY PLAN:

1. Revise: Pipe material of FM1. Refer to revised version of this sheet included with this addendum.

B. SHEET C501, UTILITY DETAILS:

1. Revise: Labels on detail 3. Refer to revised version of this sheet included with this addendum.

END OF CIVIL ADDENDUM NUMBER 01

LOGAN ELC & WELLNESS CENTER

REVISIONS
1 ADDENDUM 1 4/20/23

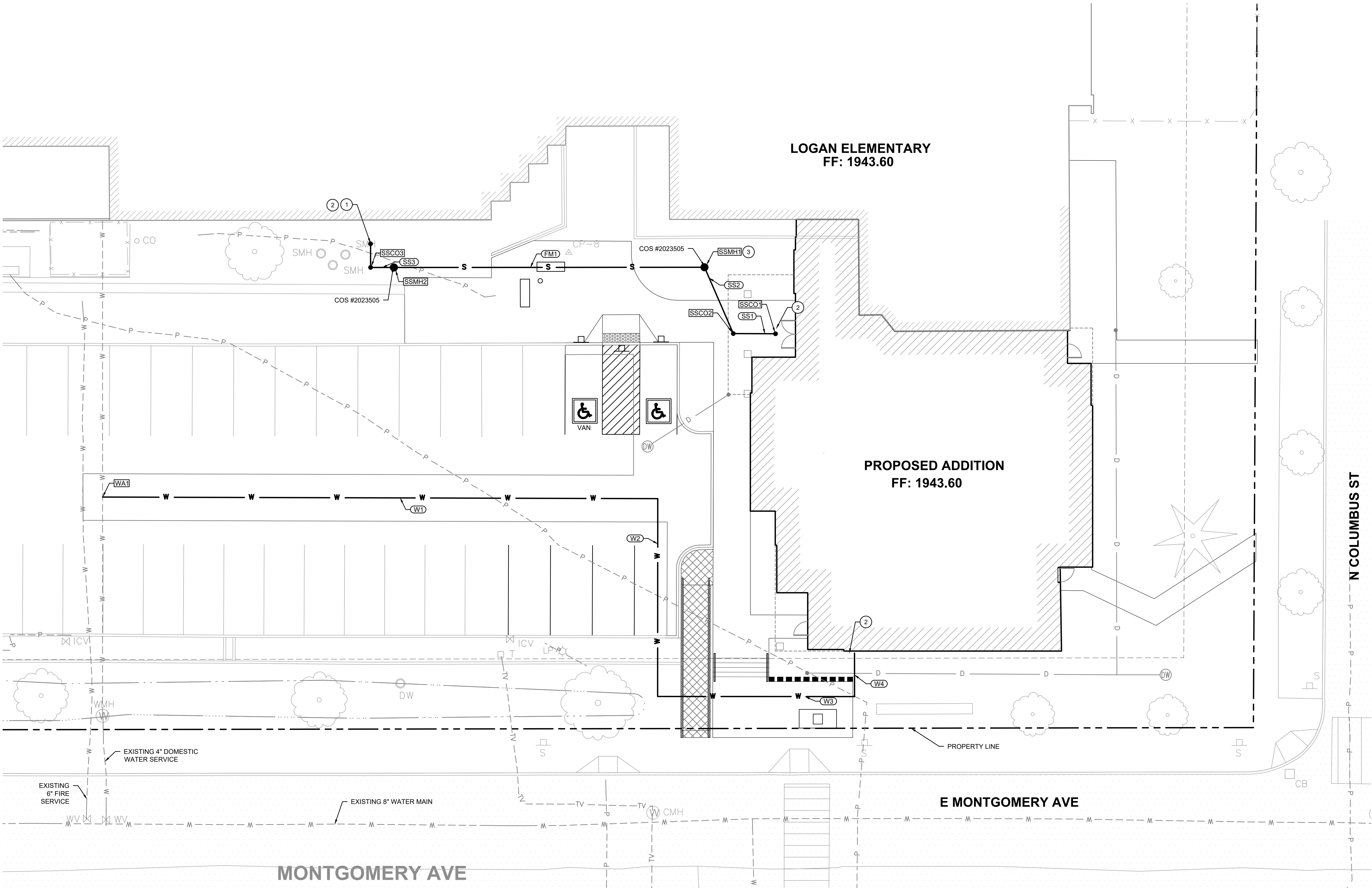
PERMIT SET

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LOGAN ELC & WELLNESS CENTER
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SPOKANE WA 99201
P 509.838.8240

NAC NO 111-22056
DRAWN KTM
CHECKED EMF
DATE 04-20-2023

UTILITY
PLAN
CD
C500



SANITARY SEWER NOTES

- 48" MANHOLES SHALL BE PER CITY OF SPOKANE STANDARD PLAN Z-101
- CLEANOUTS SHALL BE PER CITY OF SPOKANE STANDARD PLAN Z-114
- PIPE TRENCHING SHALL BE PER CITY OF SPOKANE STANDARD PLAN A-1.
- UNLESS SHOWN OTHERWISE ON THE PLANS, PIPE MATERIAL FOR SEWER MAIN AND SIDE SEWER SHALL BE PVC CONFORMING TO ASTM D 3034, SDR35. SIDE SEWERS WITH A SLOPE LESS THAN 2.00% SHALL BE SURVEYED TO VERIFY A MINIMUM SLOPE OF 0.60% IS MAINTAINED.
- SANITARY SEWER CLEANOUTS SHALL BE THE SAME SIZE AS THE PIPING SERVED BY THE CLEANOUT. CLEANOUTS SHALL BE SPACED NO MORE THAN 100 FEET APART. WHERE THERE IS A HORIZONTAL CHANGE OF DIRECTION GREATER THAN 45°, A CLEANOUT SHALL BE INSTALLED AT THE CHANGE OF DIRECTION. WHERE MORE THAN ONE CHANGE OF DIRECTION GREATER THAN 45° OCCURS WITHIN 40 FEET, THE CLEANOUT INSTALLED FOR THE FIRST CHANGE OF DIRECTION SHALL SERVE AS THE CLEANOUT FOR ALL CHANGES IN DIRECTION WITHIN THAT 40 FEET.
- UTILITY SEPARATIONS, INCLUDING WATER AND SEWER OR STORM CROSSINGS, SHALL BE IN ACCORDANCE WITH THE COS STD PLANS A-4, A-5, A-6, & A-7.
- THE SANITARY SEWER PUMP WILL BE PRIVATELY OWNED, OPERATED, AND MAINTAINED BY THE OWNER.
- THE CONTRACTOR MUST CONTACT CITY OF SPOKANE WASTEWATER MANAGEMENT DIVISION OFFICE IN ORDER TO ARRANGE A MUTUALLY AGREEABLE INSPECTION SCHEDULE. ALL FACILITIES MUST BE UNCOVERED AT THE TIME OF THE INSPECTION.

SEWER STRUCTURE TABLE

SSCO1	CLEANOUT N: 20017.1917 E: 50209.4959 RIM 1943.57 IE 1939.50 (6" W)	SSCO4	CLEANOUT N: 20036.4808 E: 50122.7309 RIM 1939.95 IE 1938.93 (6" S)
SSCO2	CLEANOUT N: 20017.2305 E: 50200.4486 RIM 1943.28 IE 1939.31 (6" NW) IE 1939.32 (6" E)	SSMH1	(1) 48" MANHOLE (1) EJECTOR PUMP N: 20031.4448 E: 50194.2748 RIM 1943.43 IE 1939.00 (6" SE) IE 1939.24 (2" W)
SSCO3	CLEANOUT N: 20031.4036 E: 50122.7309 RIM 1940.06 IE 1939.04 (6" E) IE 1939.04 (6" N)	SSMH2	48" DISCHARGE MANHOLE N: 20031.4036 E: 50127.7309 RIM 1939.92 IE 1939.24 (2" E) IE 1939.14 (6" W)

SEWER PIPE TABLE

FM1	67 LF 2" HDPE @ 0.00%
SS1	9 LF 6" SDR35 PVC @ 2.00%
SS2	15 LF 6" SDR35 PVC @ 2.00%
SS3	5 LF 6" SDR35 PVC @ 2.00%

WATER STRUCTURE TABLE

WA1	3" SADDLE TAP N: 19982.1854 E: 50065.3082
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WATER PIPE TABLE

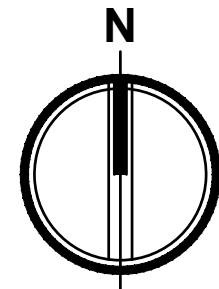
W1	119 LF 3.00" HDPE
W2	42 LF 3.00" HDPE
W3	42 LF 3.00" HDPE
W4	9 LF 3.00" HDPE

KEYNOTES

- SEWER CONNECTION TO TIE IN DOWN STREAM OF EXISTING GREASE INTERCEPTOR. CONTRACTOR TO FIELD VERIFY EXISTING INVERT ELEVATIONS AT BUILDING PRIOR TO CONSTRUCTION. NOTIFY ENGINEER IMMEDIATELY WITH ANY DISCREPANCIES
- BUILDING CONNECTION; SEE PLUMBING PLANS FOR CONTINUATION
- SANITARY SEWER LIFT STATION



Know what's below.
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HORIZONTAL SCALE
0 5 10 20
1" = 10 FEET

LOGAN ELC & WELLNESS CENTER

REVISIONS
1 ADDENDUM 1 4/20/23

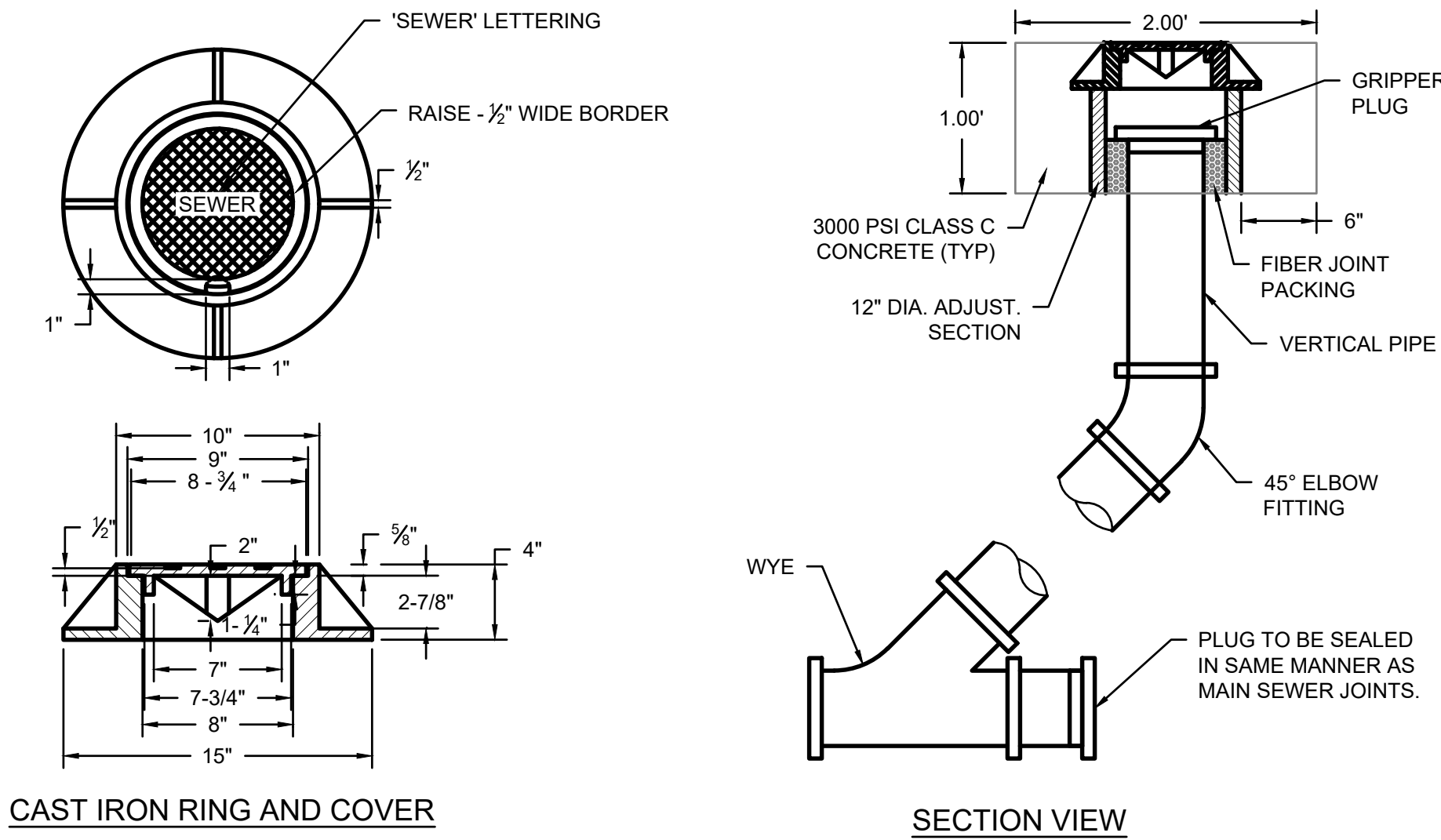
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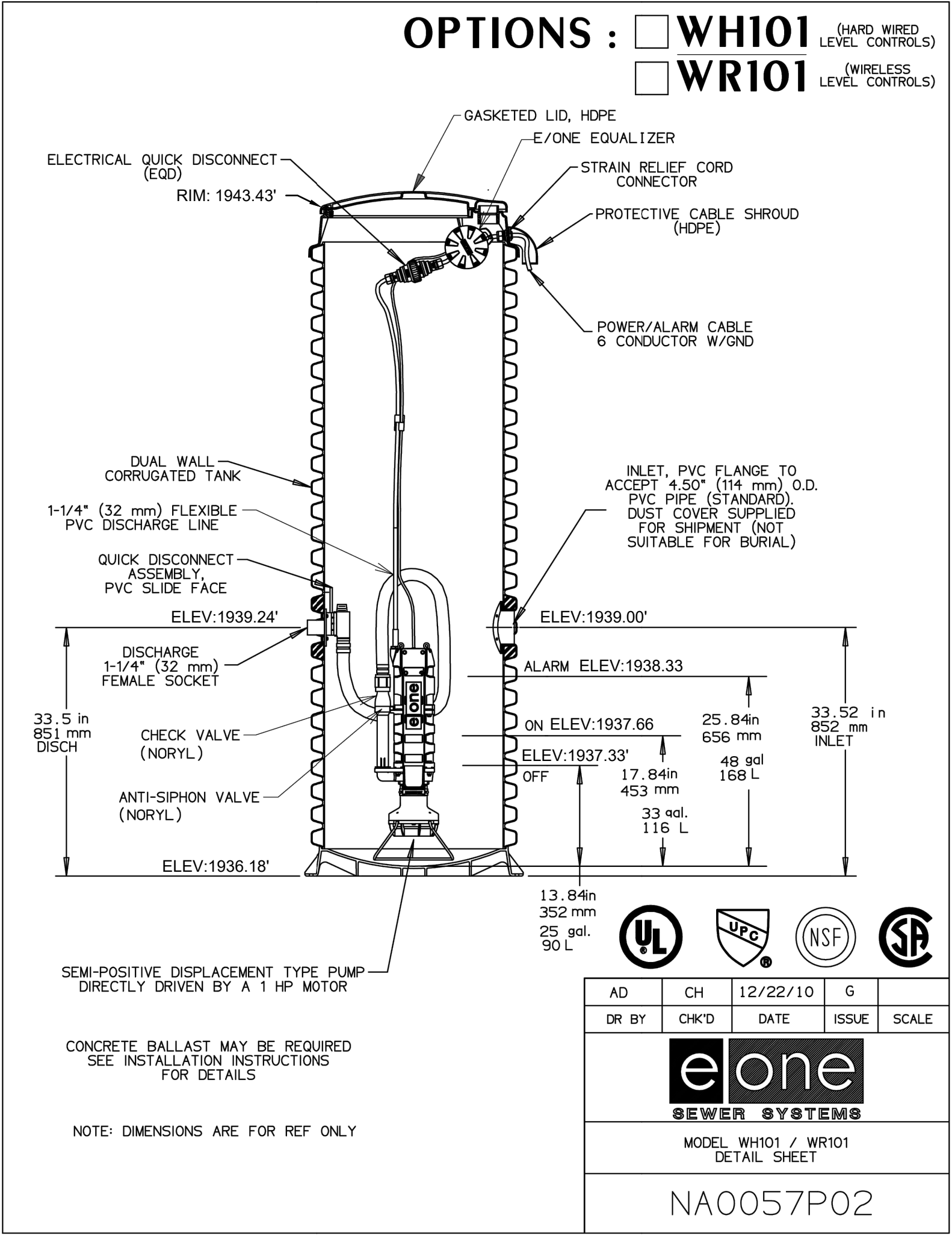
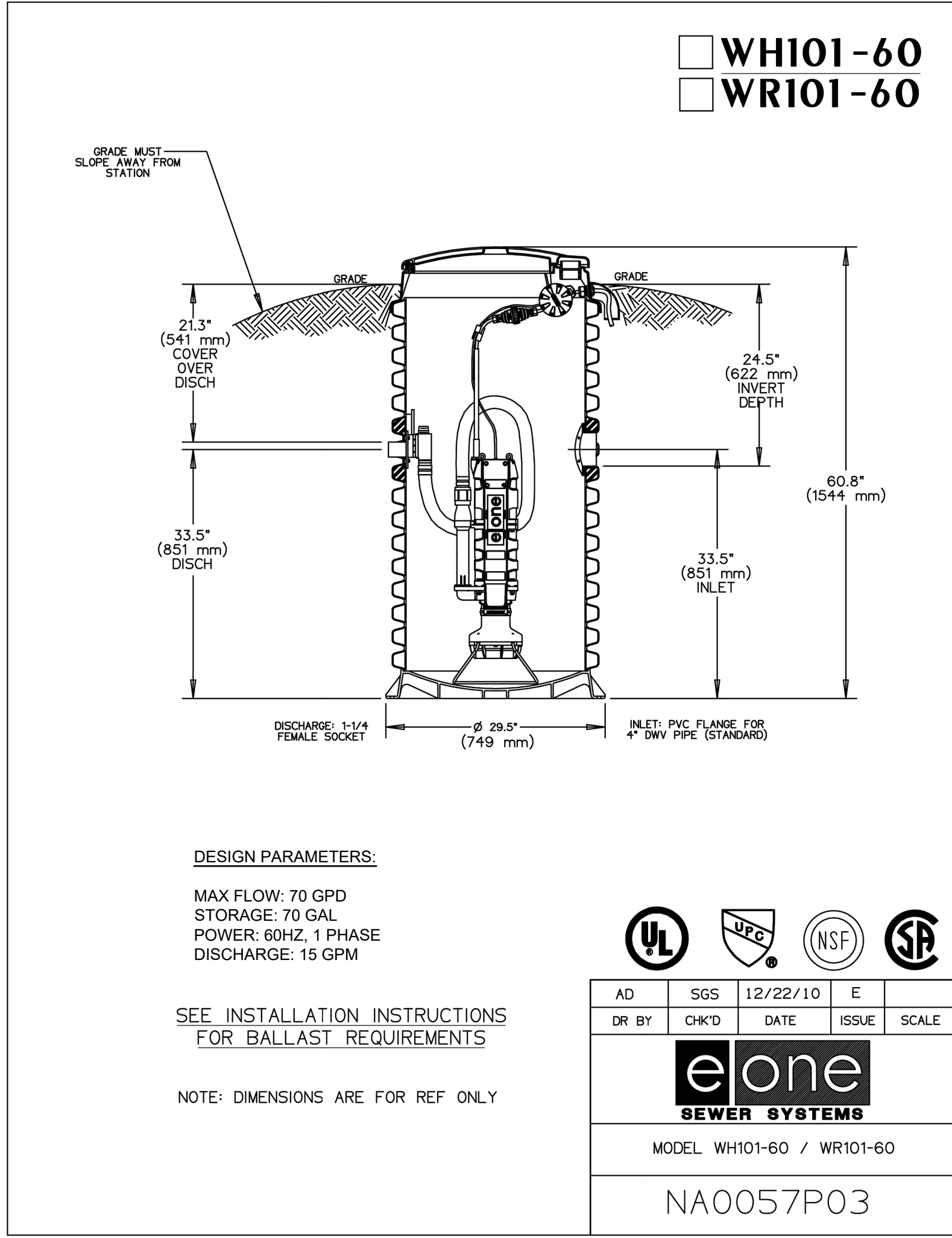
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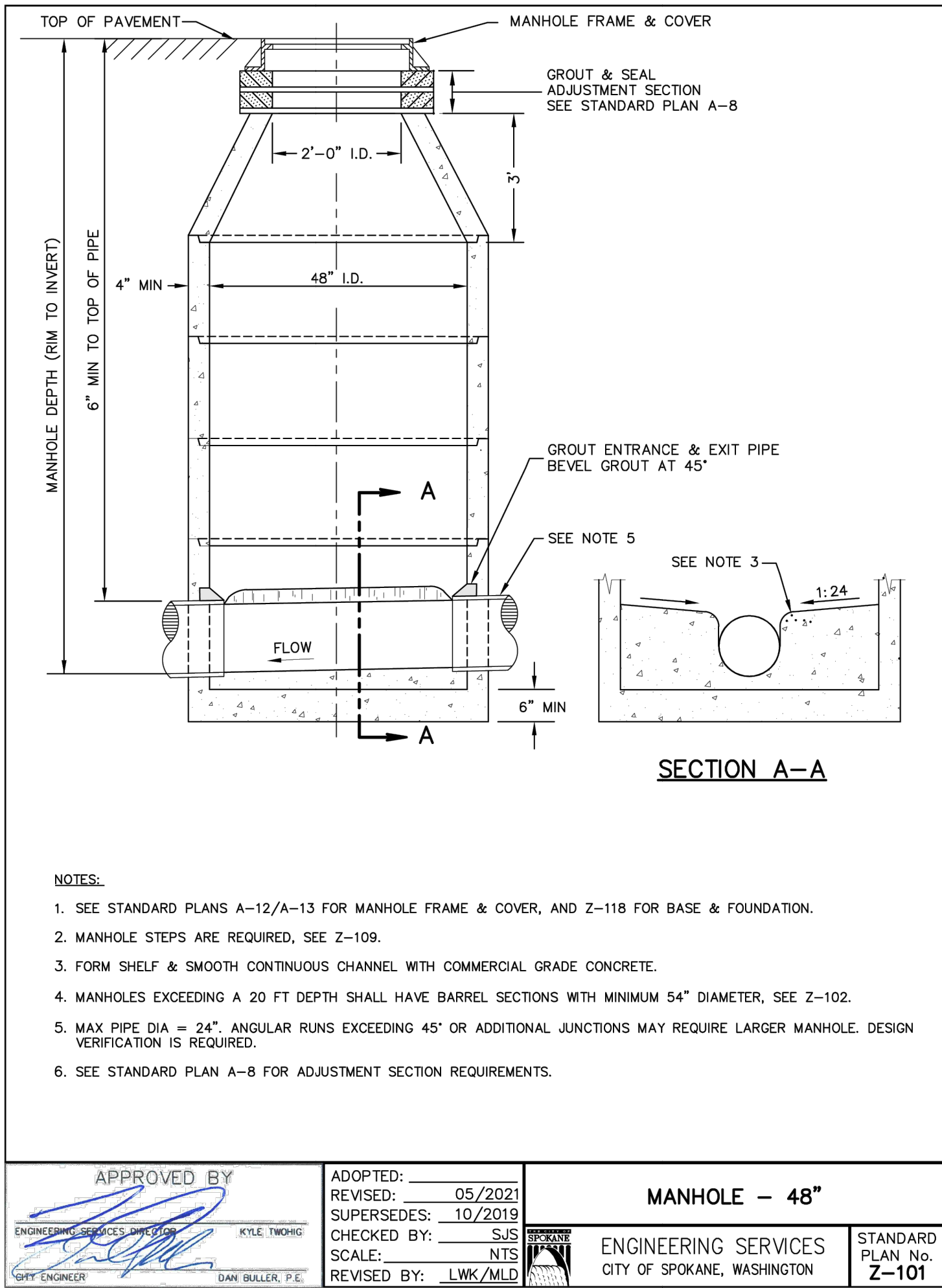
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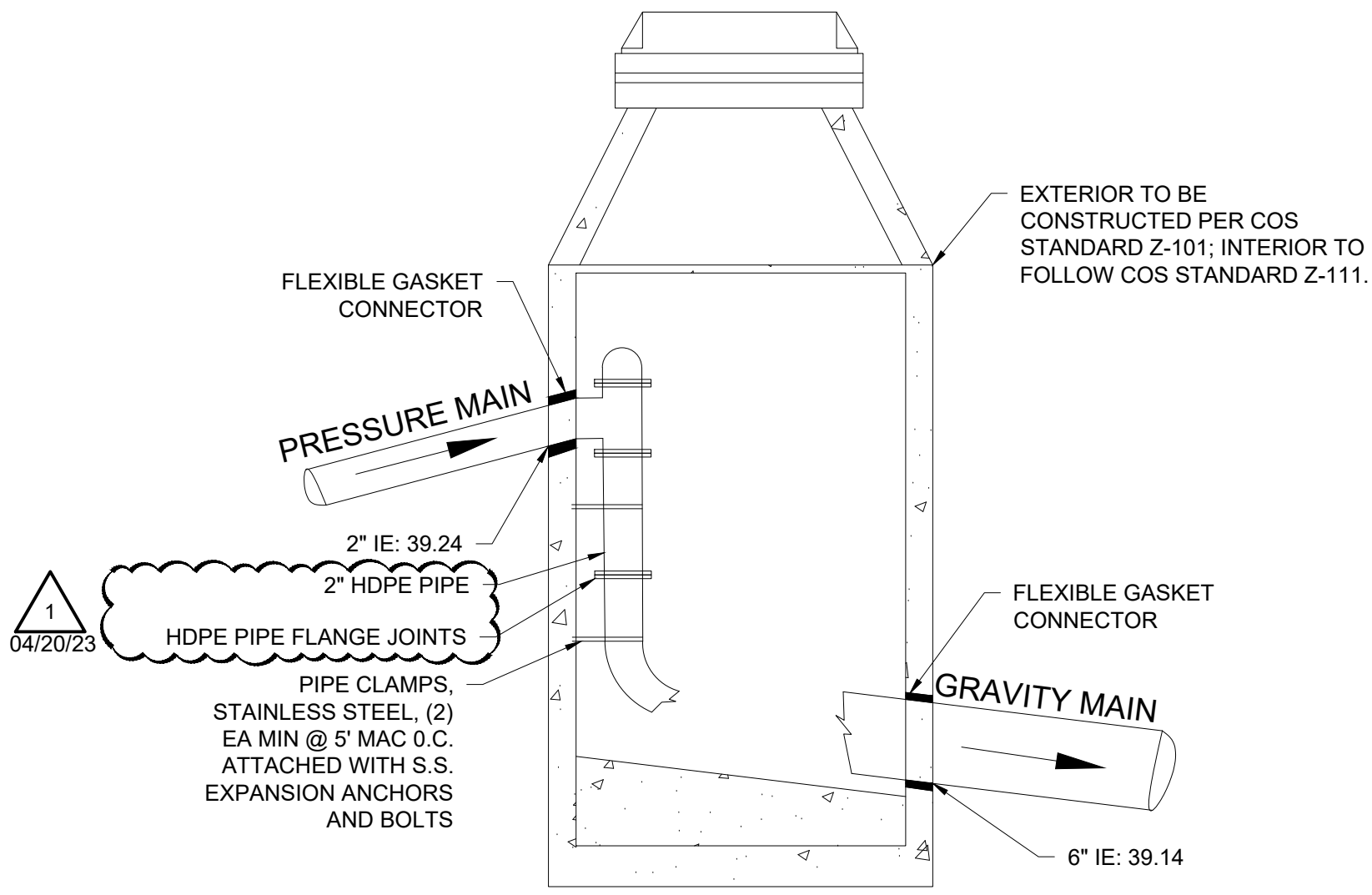
- NOTES
- PIPE MATERIAL AS SPECIFIED BY THE ENGINEER.
 - PIPE DIAMETER AS SHOWN PER PLAN.
 - H-20 TRAFFIC RATED.



2 SANITARY SEWER LIFT STATION
NOT TO SCALE



1 SANITARY SEWER CLEANOUT
NOT TO SCALE



3 DISCHARGE MANHOLE
NOT TO SCALE

CITY OF SPOKANE GENERAL WATER NOTES

- WATER CROSSINGS AND LINE SEPARATION SHALL MEET STANDARD PLANS A-5.
- SIZING OF PUBLIC AND PRIVATE WATER LINES SHALL MEET DESIGN CRITERIA SET FORTH IN COS DESIGN STANDARDS AND THE IBC.
- WATER PRESSURE SHALL BE WITHIN THE RANGE OF 45 - 85 PSI; AND >20 PSI FIRE FLOW WITH MAX DAY DEMAND, REFER TO CITY OF SPOKANE DESIGN STANDARDS.
- PRV IS REQUIRED FOR ALL DOMESTIC SERVICES AT 80 PSI OF SYSTEM PRESSURE OR GREATER OR IF SERVICE IS DOWNSTREAM OF A PUBLIC WATER SYSTEM PRV.
- HYDRAULIC MODELING SHALL BE PROVIDED WHERE REQUESTED BY WATER DEPT.
- DI FOR PIPE DIAMETERS 4" AND GREATER; TYPE K COPPER FOR DIAMETERS <2"; DIAMETER = 2" OR 3" TYPE K COPPER OR HDPE (200 PSI, QTS, SDR 9).
- PIPE RESTRAINT PER CITY OF SPOKANE DESIGN STANDARDS 8.6-3 AMENDMENT 3-2008.
- PIPE DEPTH 5.5 FEET TO INVERT.
- FOR HYDRANTS SETTING CLEARANCES, SEE COS GSP SPEC 7-14.3.
- PRIVATE WATER LINE EASEMENTS NOT ALLOWED W/OUT ADVANCE PERMISSION FROM DIRECTOR.
- WATER LINE IN PUBLIC ROW SHALL BE IN STANDARD LOCATIONS PER CITY OF SPOKANE STANDARD PLAN A-6.
- VAULT DETAIL MEETS MINIMUM SIZE REQUIREMENTS PER CITY OF SPOKANE STANDARD PLAN Y-115.
- RESIDENTIAL METER BOXES SHALL BE LOCATED PER CITY OF SPOKANE STANDARD PLAN Y-111.
- LARGE METER VAULTS SHALL BE LOCATED ON PROPERTY, 3' WITHIN THE PROPERTY LINE.
- 1/2-INCH ELECTRICAL CONDUIT IS REQUIRED FROM THE VAULT TO THE NEAREST PERMANENT STRUCTURE FOR THE METER READING DEVICE.
- ALL ZERO LOT-LINE PROPERTIES REQUIRE SEPARATE WATER SERVICE TAPS, LINES, AND METERS.
- REQUIRED BACKFLOW ASSEMBLIES PROTECTING THE PUBLIC WATER SUPPLY MUST BE WITHIN AT LEAST 20 FEET OF THE PROPERTY LINE.
- ANY UNUSED WATER SERVICE LINES TO THE PROPERTY MUST BE DISCONNECTED AT THE PUBLIC WATER MAIN IN THE STREET. EXCAVATION/RESTORATION BY OWNER. DISCONNECTION WORK BY CITY WATER.
- PROPERTY TO BE SERVED MUST HAVE 10 FEET OF PUBLIC WATER MAIN FRONTAGE.
- PARALLEL WATER LINE INSTALLATIONS SHALL REMAIN A MINIMUM OF 10 FEET FROM ANY FOUNDATIONS.
- ALL CONNECTIONS MADE TO PUBLIC WATER MAINS ARE PERFORMED BY CITY FORCES, PAID FOR BY THE DEVELOPER/OWNER/CONTRACTOR WHICH ALSO INCLUDES ALL EXCAVATION, BACKFILL AND SURFACE RESTORATION BY THE CONTRACTOR.
- ALL ON-PROPERTY WATER SERVICE LINE WORK DOWNSTREAM OF THE METER AND OUTSIDE OF ANY BUILDINGS MUST BE INSPECTED BY THE COS WATER DEPARTMENT INSPECTOR PRIOR TO BACKFILL AND COMPLY WITH ALL COS CODES. INSPECTION CAN BE SCHEDULED AFTER METER PERMIT FEES ARE PAID.
- WATER SERVICE INSTALLATIONS SHALL FOLLOW THE CURRENT 'CITY OF SPOKANE WATER DEPARTMENT RULES AND REGULATIONS FOR WATER SERVICE INSTALLATIONS'.
- WATER SYSTEM SHALL MEET CURRENT BACKFLOW STANDARDS PER WAC 246-290-490 AND FOLLOW CITY OF SPOKANE WATER DEPARTMENT RULES AND REGULATIONS FOR WATER SERVICE INSTALLATIONS.
- CONTRACTOR MUST PROVIDE PASSING TESTING REPORTS FOR ALL BACKFLOW ASSEMBLIES (E.G. IRRIGATION AND FIRE SYSTEMS) TO THE COS WATER DEPARTMENT. SEND ALL REPORTS TO WATERCROSSCONNECTION@SPOKANE.CITY.ORG BEFORE SITE SURVEY/INSPECTION, AND ALSO BEFORE CERTIFICATE OF OCCUPANCY CAN BE ISSUED.
- COORDINATE A SITE SURVEY/INSPECTION WITH THE CITY WATER DEPARTMENT (AFTER BACKFLOW DEVICES HAVE BEEN TESTED) NO LESS THAN 48 HOURS PRIOR TO REQUESTING CERTIFICATE OF OCCUPANCY. CROSS CONNECTION LINE TO SCHEDULE A WATER USE SURVEY/INSPECTION IS 509-625-7969.
- CITY OF SPOKANE HAS A NEW HYDRANT PERMIT PROGRAM THAT REQUIRES AN RP&A AND FLOW METER ASSEMBLY FOR ALL FIRE HYDRANT WATER USAGE IF NEEDED FOR CONSTRUCTION PHASE OF THE PROJECT (E.G. DUST CONTROL, ETC.). THIS HYDRANT PROGRAM REQUIRES A NEW PERMIT FEE, CONSUMPTION BILLING, AND DEPOSIT FOR THE RP&A & METER ASSEMBLY. PLEASE CALL 311 OR CITY WATER DEPT. AT 509-625-7800 FOR MORE INFORMATION.
- CONDUIT FOR METER SIGNAL NEEDS TO BE PROVIDED FROM CONCRETE VAULT AND STUBBED UP MIN. 3' ABOVE GROUND (I.E. NEXT TO STREET FACING WALL OF A BUILDING OR NEXT TO A POST/BOLLARD) SINCE SIGNAL WILL NOT PENETRATE CAST IRON LID OF THE WATER VAULT. ALL CONDUIT BENDS MUST BE SWEEPS NOT ELBOWS. PULL STRING IS TO BE PROVIDED ON CONDUIT RUNS. FOR METER SIGNAL POST, NEED TO PROVIDE AND ATTACH A 16" LONG COMPOSITE DECKING 2X6 TO FACE OF POST JUST BELOW ITS TOP (BOARD LENGTH PARALLEL TO GROUND, FACING NEAREST STREET) TO MOUNT THE METER TRANSMITTER.



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