

L.J. COPPOLA INC.

MECHANICAL CONTRACTORS

40 Farrington Road
Brewster, NY 10509
(914) 769-7666
Fax: (914) 769-5141
Plumbing License No. 750

PLUMBING

H.V.A.C.

PROCESS PIPING

SEWAGE TREATMENT

ESTABLISHED 1972

REQUEST FOR INFORMATION

Project: HARRISON REC CENTER PHASE 2 **Date:** 12/6/24 **Log No.:** LJC# -06

Drwg.: P-200A **Spec.:** 221319 **Area:** PARKING FLOOR

Directed To: PIAZZA BROTHERS **Date Required:**

Impact:

Regarding: SEDIMENT INTERCEPTOR AT SUMP PIT

REQUESTED BY: S. MCCABE/P. DOLSON **cc:**

INFORMATION REQUIRED:

The response to the underground plumbing shop drawing submittal calls for a sediment interceptor prior to the sump pit, which is consistent with P/200A. The only reference to solids interceptors in the specifications is in section 221319.2.10, which calls for Jay R. Smith Model 8710 or comparable. The listed model number is intended for use under individual sinks, not 6" sanitary mains 4ft underground serving the entire parking area. Please provide a model number or general requirements for an appropriately sized sediment interceptor. Example attached.

RESPONSE:

RESPONSE RV:

OLA Response 01-13-2025:

Plumbing Contractor shall route pipe from drains in Mechanical Rooms and well separately. Refer to page 5 for sketch. Provide Zurn1187-SI Size 150 on 4 inch line from parking garage area. Refer to sketch for approximate location. Plumbing Contractor shall coordinate inlet dimension as required.

and by this date may

1. General Use: 4.0-lb/sq. ft., 0.0625-inch thickness.
 2. Vent Pipe Flashing: 3.0-lb/sq. ft., 0.0469-inch thickness.
 3. Burning: 6-lb/sq. ft., 0.0938-inch thickness.
- B. Copper Sheet: ASTM B 152/B 152M, of the following minimum weights and thicknesses, unless otherwise indicated:
1. General Applications: 12 oz./sq. ft. thickness.
 2. Vent Pipe Flashing: 8 oz./sq. ft. thickness.
- C. Zinc-Coated Steel Sheet: ASTM A 653/A 653M, with 0.20 percent copper content and 0.04-inch minimum thickness, unless otherwise indicated. Include G90 hot-dip galvanized, mill-phosphatized finish for painting if indicated.
- D. Elastic Membrane Sheet: ASTM D 4068, flexible, chlorinated polyethylene, 40-mil minimum thickness.
- E. Fasteners: Metal compatible with material and substrate being fastened.
- F. Metal Accessories: Sheet metal strips, clamps, anchoring devices, and similar accessory units required for installation; matching or compatible with material being installed.
- G. Solder: ASTM B 32, lead-free alloy.
- H. Bituminous Coating: SSPC-Paint 12, solvent-type, bituminous mastic.

2.10 SOLIDS INTERCEPTORS

- A. Solids Interceptors:
1. Jay R. Smith Model 8710 or a comparable product by one of the following:
 - a. Josam Company; Josam Div.
 - b. Tyler Pipe; Wade Div.
 - c. Watts Drainage Products Inc.
 - d. Zurn Plumbing Products Group; Specification Drainage Operation.
 2. Type: Factory-fabricated interceptor made for removing and retaining sediment from wastewater.
 3. Body Material: Cast iron or steel.
 4. Interior Separation Device: Screens.
 5. Interior Lining: Corrosion-resistant enamel.
 6. Mounting: Above floor.

| | | | | | | | | | | | | | | | | | | | | |
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| L | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: left;"> SMITH® JAY R. SMITH MFG. CO.® <small>MEMBER OF MORRIS GROUP INTERNATIONAL POST OFFICE BOX 3237 MONTGOMERY, ALABAMA 36109-0237 (USA) TEL: 334-277-8520 FAX: 888-377-7818 www.jrsmith.com</small> </div> <div style="text-align: center;"> <small>MEMBER OF:</small> </div> <div style="text-align: center;"> <small>MEMBER OF:</small> </div> </div> | | | | LOCATION <div style="border: 1px solid black; height: 40px; margin-top: 5px;"></div> | | | | | | | | | | | | | | | |
| | <h1 style="margin: 0;">SOLIDS INTERCEPTORS</h1> <h2 style="margin: 10px 0 0 0;">FLUSH WITH FLOOR OR ON THE FLOOR TYPES</h2> | | | | | | | | | | | | | | | | | | | |
| DRAWING NUMBER S8710 | SIZE A | SCALE: NONE | <p>NOTE: Allow 9 1/4" (235) above interceptor for removal of strainer.</p> <p>A (Pipe Size) = 0150 (38) or 02 (50) <input type="checkbox"/> Fig. 8710T</p> <p>REGULARLY FURNISHED: White Duco Coated Cast Iron Body and Aluminum Gasketed Cover and Sediment Strainer with Removable Stainless Steel Screens.</p> <p>OPTIONAL MATERIALS:</p> <div style="display: flex; gap: 10px;"> <input type="checkbox"/> Acid Resistant Coating Inside - ARI <input type="checkbox"/> Acid Resistant Coating Outside - ARO <input type="checkbox"/> Acid Resistant Coating Inside and Outside - ARI0 <input type="checkbox"/> All ABS (Specify Fig. 8710-ABS) <input type="checkbox"/> All Aluminum Body -AA </div> | | | | | | | | | | | | | | | | | |
| | | | <p>NOTE: Allow 14 1/2" (370) above interceptor for removal of strainer.</p> <p>NOTE: It is the responsibility of the installer to check all parts (internal and external) to verify they are in their proper operating order and location.</p> <p>A (Pipe Size) = 0150 (38) or 02 (50) <input type="checkbox"/> Fig. 8715T</p> <p>REGULARLY FURNISHED: Fabricated Steel Body with White Duco Finish Inside and Outside, Sediment Strainer with Removable Stainless Steel Screens and Cast Iron Cover.</p> <p>OPTIONAL MATERIALS:</p> <div style="display: flex; gap: 10px;"> <input type="checkbox"/> Acid Resistant Coating Inside - ARI <input type="checkbox"/> Acid Resistant Coating Outside - ARO <input type="checkbox"/> Acid Resistant Coating Inside and Outside - ARI0 </div> | | | | | | | | | | | | | | | | | |
| | | | <p>NOTE: Dimensions shown in parentheses are in millimeters.</p> | | | | | | | | | | | | | | | | | |
| | | | <div style="border: 2px solid blue; padding: 10px; text-align: center;"> <h3 style="margin: 0;">TYPICAL INSTALLATIONS</h3> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> FLUSH WITH FLOOR INSTALLATION </div> <div style="text-align: center;"> ON THE FLOOR INSTALLATION </div> </div> </div> | | | | | | | | | | | | | | | | | |
| FIGURE NUMBER | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">L K J H</td> <td style="width: 15%;">11/6/20 05/14/04 7-10-03 7-16-02</td> <td style="width: 30%;">Remove Function, Rev. Reg. Furn. 8715 Added to Optional Materials Changed Optional Materials Changed Regularly Furnished</td> <td style="width: 10%;">TBW JJ RN RN</td> <td style="width: 10%;">AM AM CL CL</td> <td style="width: 10%;">WEIGHT POUNDS</td> <td style="width: 10%;">VOLUME CUBIC FEET</td> <td style="width: 15%; text-align: center;"> FIGURE NUMBER <div style="border: 2px solid blue; padding: 5px; font-size: 24px; font-weight: bold;">8710, 8715</div> </td> </tr> <tr> <td>REV.</td> <td>DATE</td> <td>DESCRIPTION</td> <td>BY</td> <td>CKD. BY</td> <td></td> <td></td> <td></td> </tr> </table> | | | | L K J H | 11/6/20 05/14/04 7-10-03 7-16-02 | Remove Function, Rev. Reg. Furn. 8715 Added to Optional Materials Changed Optional Materials Changed Regularly Furnished | TBW JJ RN RN | AM AM CL CL | WEIGHT POUNDS | VOLUME CUBIC FEET | FIGURE NUMBER <div style="border: 2px solid blue; padding: 5px; font-size: 24px; font-weight: bold;">8710, 8715</div> | REV. | DATE | DESCRIPTION | BY | CKD. BY | | | |
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| REV. | DATE | DESCRIPTION | BY | CKD. BY | | | | | | | | | | | | | | | | |



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

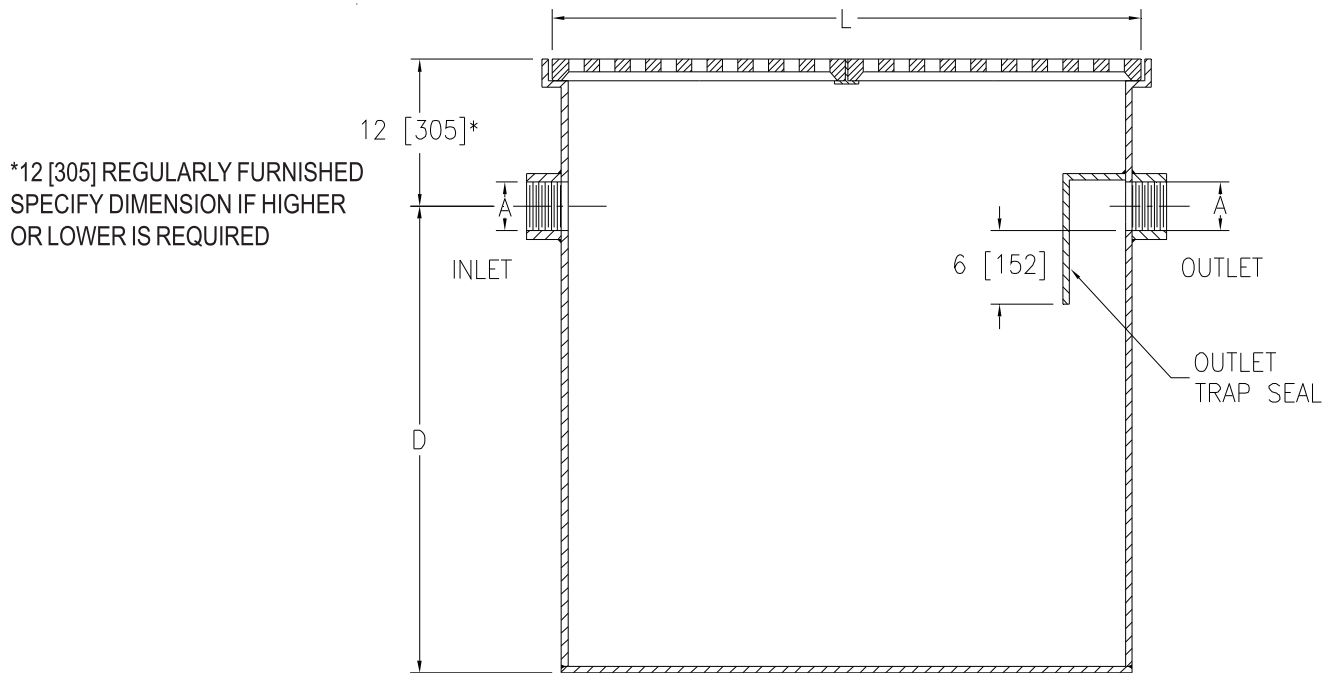


Z1187-SI SAND INTERCEPTOR

SPECIFICATION SHEET

TAG _____

Dimensional Data (inches and [mm]) are Subject to Manufacturing Tolerances and Change Without Notice



| Size | Flow G.P.M. [L] (Max.) | A Pipe Size | L | D | Capacity Gal. [L] (Static) | No. of 12 x 24 [305 x 610] Grates | Width | Approx. Wt. Lbs. [Kg] |
|------|------------------------------|----------------|------------|-----------|----------------------------------|-----------------------------------------|-----------|--------------------------|
| 20 | 20 [76] | 4 [102] | 24 [610] | 26 [660] | 60 [227] | 2 | 24 [610] | 133 [60] |
| 50 | 50 [189] | 4 [102] | 48 [1219] | 26 [660] | 120 [454] | 4 | 24 [610] | 204 [92] |
| 150 | 150 [568] | 4 [102] | 48 [1219] | 38 [965] | 360 [1363] | 8 | 48 [1219] | 368 [167] |
| 250 | 250 [946] | 6 [152] | 72 [1829] | 39 [991] | 540 [2044] | 12 | 48 [1219] | 1294 [587] |
| 500 | 500 [1893] | 6 [152] | 120 [3058] | 51 [1295] | 1200 [4542] | 20 | 48 [1219] | 2204 [1000] |

ENGINEERING SPECIFICATION: ZURN Z1187-SI

Acid Resistant Coated interior and exterior fabricated steel sand interceptor with threaded inlet and outlet, complete with removable heavy-duty grates.

OPTIONS (Check/specify appropriate options)**PREFIXES**

___ Z Acid Resistant Coated Fabricated Steel*

SUFFIXES

- ___ -E Integral Extension Assembly (Specify extension height)
- ___ -DG Duresist Grate
- ___ -K Anchor Flange 1-3/4 [44] down from top and 2 [51] wide. No extension required to accommodate -K option.
- ___ -KC Anchor Flange 1-3/4 [44] down from top and 2 [51] wide with clamp collar. No extension required to accommodate -KC option.
- ___ -NH No-Hub Inlet and Outlet (Z1040)
- ___ -SC Heavy-Duty Reinforced Cover(s) rated at 10,000 lbs. [4536 Kg.] maximum safe live load.
- ___ -VP Vandal-Proof Screws

*REGULARLY FURNISHED UNLESS OTHERWISE SPECIFIED

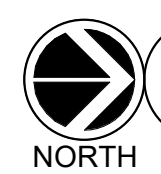
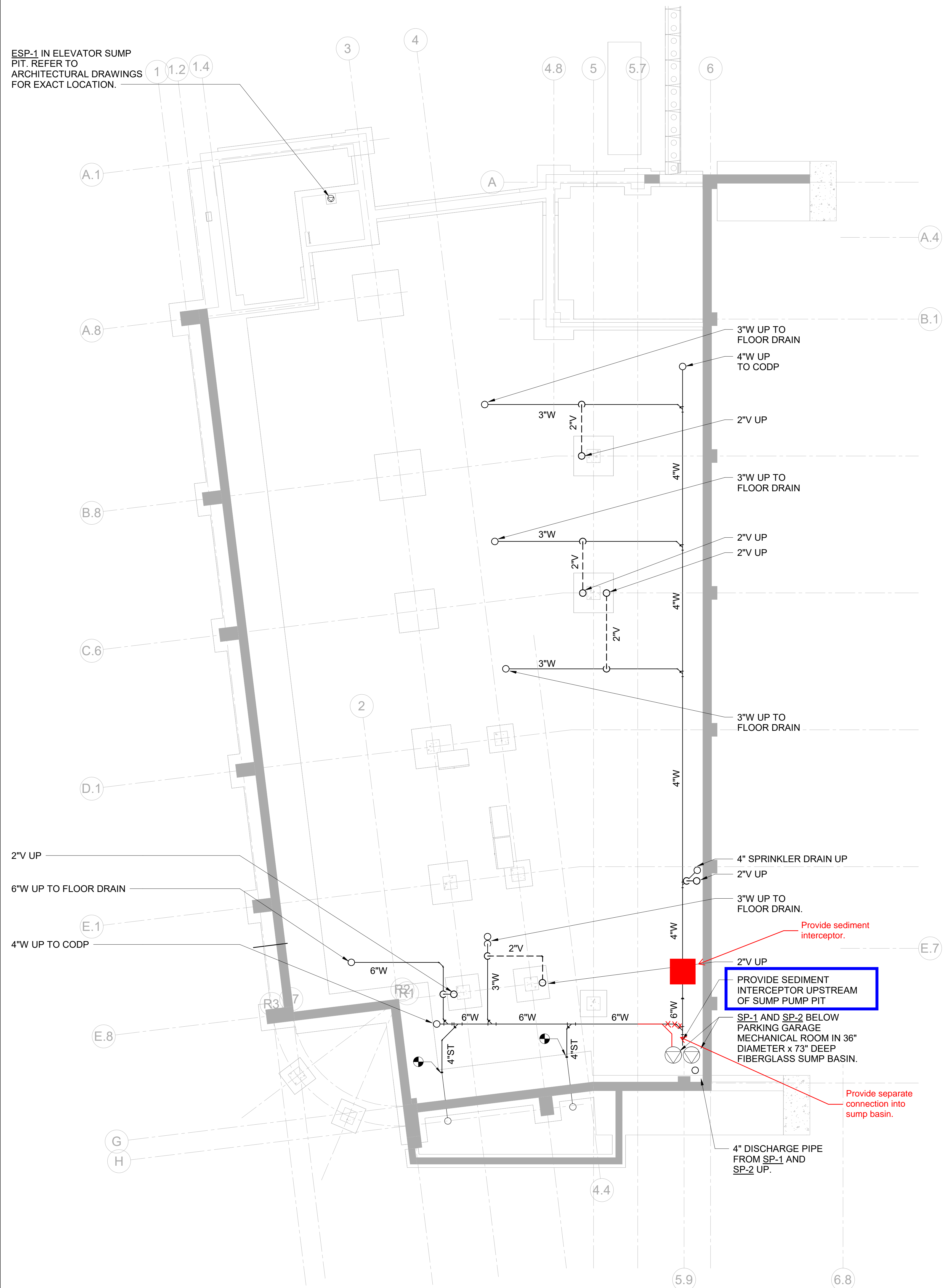
REV. E DATE: 5/20/11 C.N. NO. 121317**DWG. NO. 66450****PRODUCT NO. Z1187-SI**

ZURN INDUSTRIES, LLC ♦ SPECIFICATION DRAINAGE OPERATION ♦ 1801 Pittsburgh Ave. ♦ Erie, PA 16514

Phone: 814/455-0921 ♦ Fax: 814/454-7929 ♦ World Wide Web: www.zurn.com

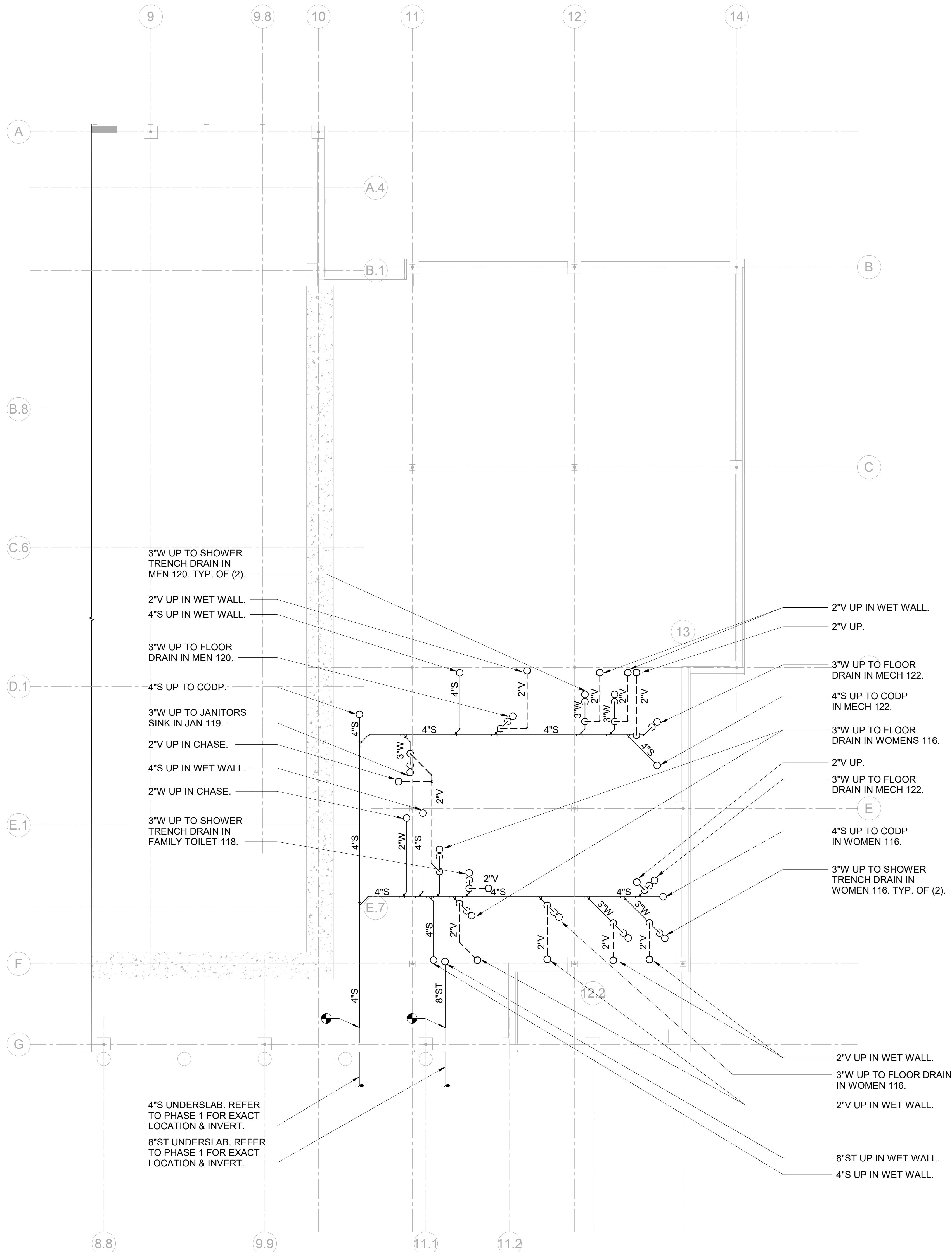
In Canada: ZURN INDUSTRIES LIMITED ♦ 3544 Nashua Drive ♦ Mississauga, Ontario L4V1L2 ♦ Phone: 905/405-8272 Fax: 905/405-1292

ESP-1 IN ELEVATOR SUMP
PIT. REFER TO
ARCHITECTURAL DRAWINGS
FOR EXACT LOCATION.



1 PLUMBING PARKING FLOOR SLAB PLAN

SCALE: 1/8" = 1'-0"



2 PLUMBING FIRST FLOOR SLAB PLAN

SCALE: 1/8" = 1'-0"

HARRISON RECREATION & COMMUNITY CENTER

New Construction - Phase 2

Town / Village of Harrison

270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build
KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED ON
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Professional Seal

| No. | Date | Issue |
|-----|------------|------------------------|
| 4 | 06/05/2024 | ISSUED FOR BID |
| 3 | 01/16/2024 | ISSUED FOR PERMIT |
| 2 | 09/01/2023 | DESIGN DEVELOPMENT |
| 1 | 03/31/2020 | 50% DESIGN DEVELOPMENT |

Sheet Title

PLUMBING PARKING FLOOR & FIRST FLOOR SLAB PLAN

Job No. NKGD0207.00 Date 02/16/2024

Scale AS NOTED Drawn / Checked HM / RG

Sheet Number

P-200A