

City of Ann Arbor

WTP Flocculation 4/5 Gallery Improvements

Ann Arbor, Michigan
RFP Number 25-48

Issued for Bids and Construction October 7, 2025
Project Number: 160804

File Number 26001



fishbeck.com
800.456.3824
1515 Arboretum Drive
Grand Rapids, Michigan

GENERAL

G101 COVER SHEET
G102 SITE LAYOUT

DEMOLITION

D401 DEMOLITION PLAN
D402 DEMOLITION SECTION

PROCESS

P001 DETAILS
P201 PIPING PLAN

GRAPHIC SYMBOLS

ELEVATION, SECTION AND
DETAIL DESIGNATION
1 SECTION
SCALE: 1/4" = 1'-0"
PLAN DESIGNATION
PLAN
SCALE: 1/8" = 1'-0"
NORTH

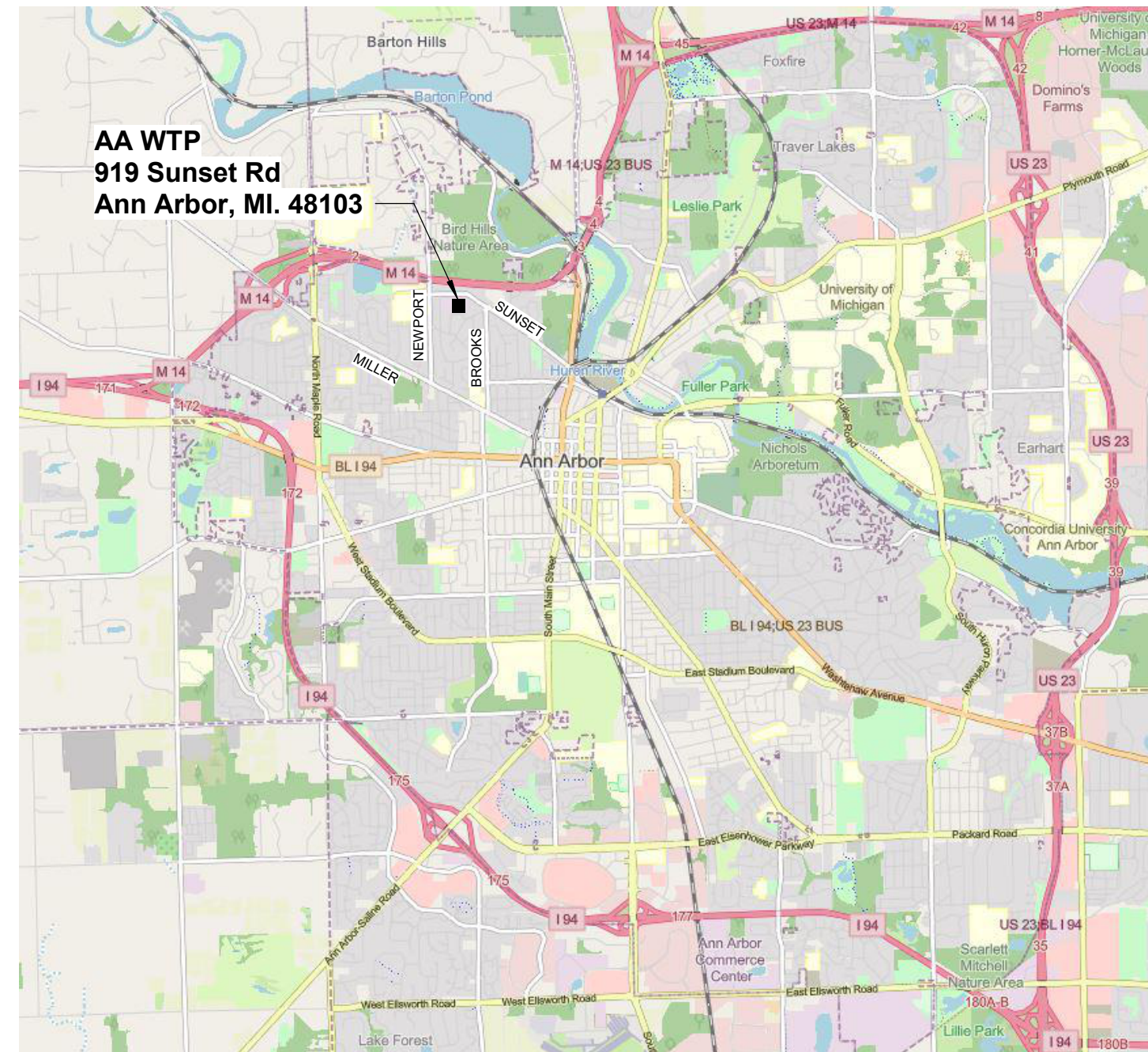
EXTERIOR ELEVATION TAG
A
A001
INTERIOR ELEVATION
TAG / PHOTO TAG
A
A301 D
C
B

NORTH ARROW DESIGNATION
NORTH
NORTH
ROOM NAME AND NUMBER
ROOM NAME
101

ENLARGED DETAIL FRAME
1
A201
SECTION CUT LINE
1
A501

ELEVATION TARGET
SPOT ELEVATION
EL. 100'-0"
EXISTING CONSTRUCTION GRID
NEW CONSTRUCTION GRID
LEVEL CALLOUT
FIRST FLOOR
100'-0"

DEMOLITION KEY NOTE
NEW CONSTRUCTION KEY NOTE
REVISION CLOUD
ADDENDUM IDENTIFICATION
BULLETIN IDENTIFICATION



LOCATION MAP
SCALE: NOT TO SCALE

BUILDING CODE INFORMATION

SEAL

City of Ann Arbor
Ann Arbor, Michigan

WTP Flocculation 4/5 Gallery Improvements
COVER SHEET



REVISIONS

10/7/2025 BIDS AND CONSTRUCTION
Drawn By RSECORD
Designer AWAE
Reviewer JSIWEK
Manager BDPHILLIPS

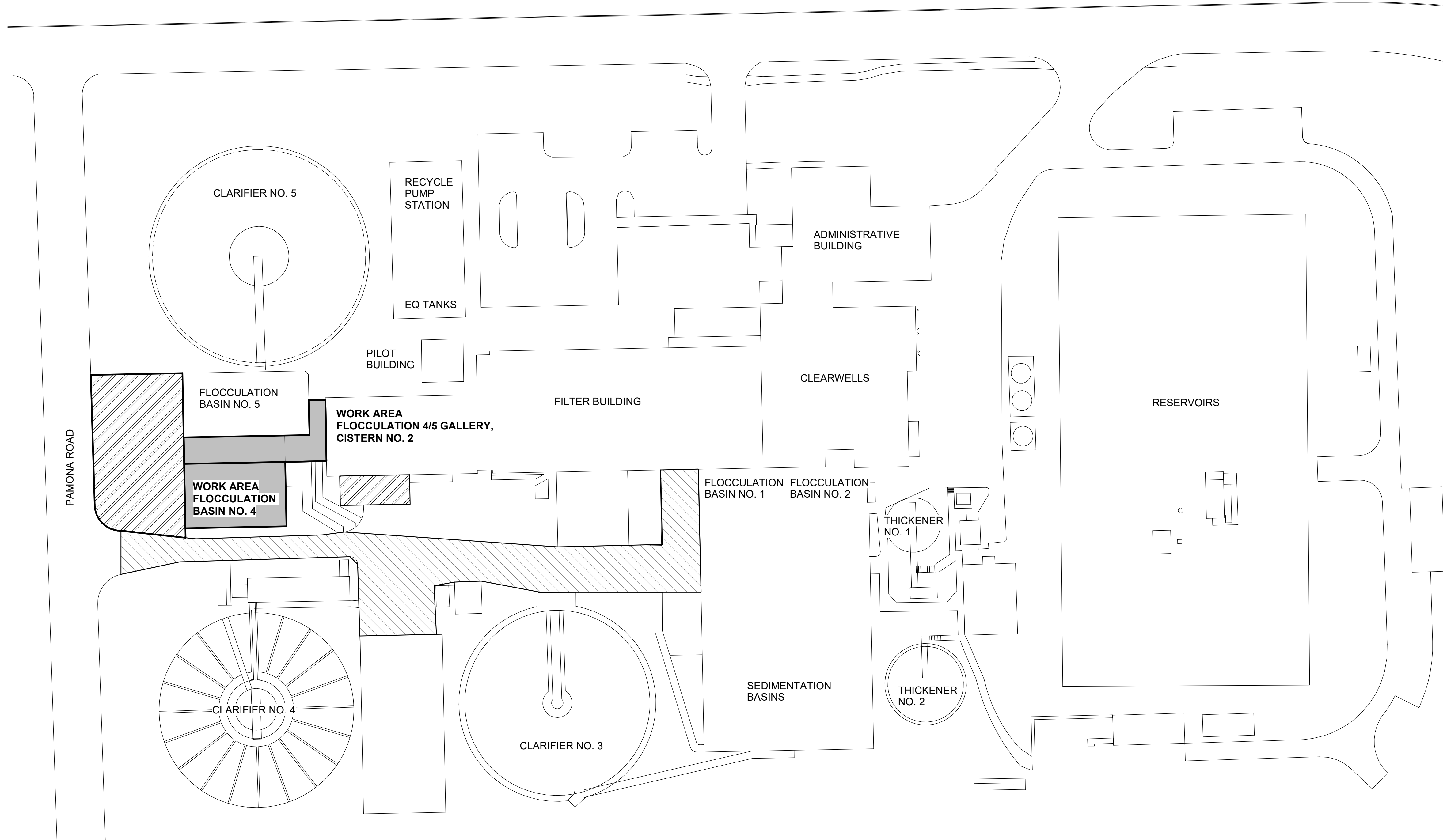
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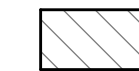
SHEET NO.

G101

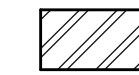
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SYMBOLS LEGEND



 AREA NOT TO BE BLOOCKED

 AREAS ALLOWED FOR EQUIPMENT STAGING

WORK AREA

City of Ann Arbor
Ann Arbor, Michigan

WTP Flocculation 4/5 Gallery Improvements

REVISIONS

10/7/2025	BIDS AND CONSTRUCTION
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Reviewer	JSIWEK
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G102

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PLOT INFO: 10/7/2025 8:32:23 AM

WTP

SITE LAYOUT

SCALE: NOT TO SCALE

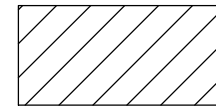
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DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

SYMBOL LEGEND



EQUIPMENT AND PIPING TO BE REMOVED
(PATTERN MAY BE ROTATED FOR READABILITY)

PROCESS DEMOLITION NOTES

1. PROCESS DEMOLITION NOTES APPLY TO ALL PROCESS DEMOLITION DRAWINGS.
2. REMOVE ALL PORTIONS OF WORK IDENTIFIED BY CROSS HATCHING UNLESS NOTED OTHERWISE.
3. DEMOLITION NOTES AND DRAWINGS DO NOT FULLY REPRESENT ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK IN ACCORDANCE WITH CONTRACT DOCUMENTS BUT ARE INTENDED TO SERVE AS GENERAL DEMOLITION GUIDELINES.
4. GRAPHICAL REPRESENTATIONS OF EXISTING SYSTEMS CREATED FROM PREVIOUS CONSTRUCTION AND/OR RECORD DRAWINGS MAY NOT FULLY REPRESENT EXISTING CONDITIONS AND ARE FOR REFERENCE ONLY. FIELD VERIFY EXISTING CONDITIONS TO DETERMINE EXTENT OF WORK.
5. REMOVED EMBEDDED EQUIPMENT AND HARDWARE A MINIMUM OF 1" BELOW SURFACE IT IS ATTACHED TO. REPAIR SURFACE IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS.
6. WHERE ITEMS ARE REMOVED AND OPENINGS ARE CREATED BY DEMOLITION, IN ROOFS, WALL, FLOORS AND ADJACENT SURFACES, REPAIR TO MATCH ADJACENT SURFACES OR APPLY NEW FINISHES WHERE SCHEDULED.

DEMOLITION KEY NOTES

1. BLAST AND RECOAT FLOOR DRAIN GRATE. SEE DETAIL. TYPICAL OF 11 DRAINS. PROVIDE TEMPORARY PROTECTION OF OPENINGS.
2. 30"x36" ACCESS HATCH AVAILABLE TO ACCESS 4" SANITARY PIPING LOCATED IN CISTERN NO. 2. CONFINED SPACE ENTRY REQUIRED.
3. REMOVE 4" SANITARY PIPING AND ASSOCIATED HANGERS AND SUPPORTS LOCATED IN CISTERN NO. 2.
4. REMOVE STUFFING BOX, SHAFTS, BEARINGS, CHAIN, AND SPROCKETS. TYPICAL OF 4 FLOC DRIVES. SEE FLOC DRIVE DETAILS.
5. CORE HOLE IN WALL. TYPICAL OF 4 FLOC DRIVES. SEE FLOC DRIVE DETAILS.

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Ann Arbor, Michigan

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DEMOLITION PLAN

REVISIONS

10/7/2025 BIDS AND CONSTRUCTION

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Manager	BDPHILLIPS

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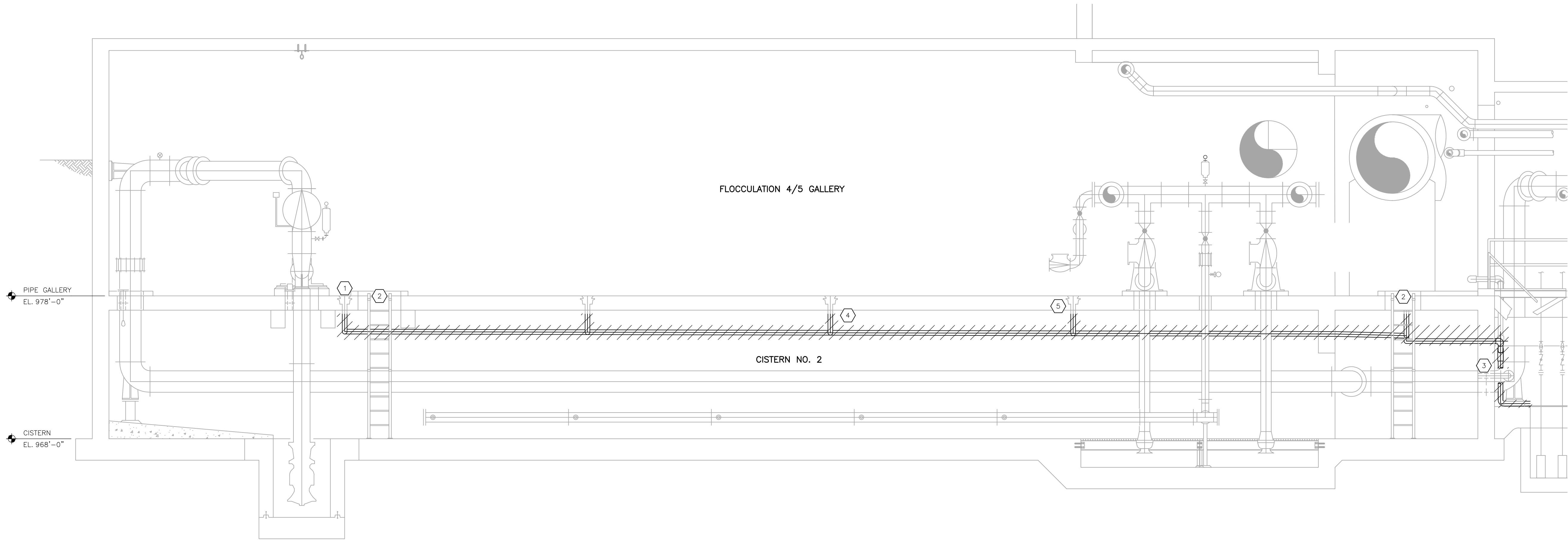
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SHEET NO.

D401

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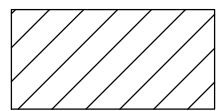


1 DEMOLITION SECTION
SCALE: 1/4" = 1'-0"



FLOOR DRAIN, TYPICAL
PHOTO
SCALE: NOT TO SCALE

SYMBOL LEGEND

 EQUIPMENT AND PIPING TO BE REMOVED
(PATTERN MAY BE ROTATED FOR READABILITY)

DEMOLITION KEY NOTES

1. BLAST AND RECOAT FLOOR DRAIN GRATE. SEE FLOOR DRAIN DETAIL, TYPICAL OF 11 DRAINS.
2. 30"X30" ACCESS HATCH AVAILABLE TO ACCESS 4" SANITARY PIPING.
3. UPSIZE AND REUSE EXISTING PENETRATION FOR NEW 6" SANITARY PIPING.
4. REMOVE 4" SANITARY PIPING AND ASSOCIATED HANGERS AND SUPPORTS.
5. CLEAN AND RECOAT EXISTING CASTING IN PLACE. SEE FLOOR DRAIN DETAIL, TYPICAL OF 11 DRAINS.

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DEMOLITION SECTION

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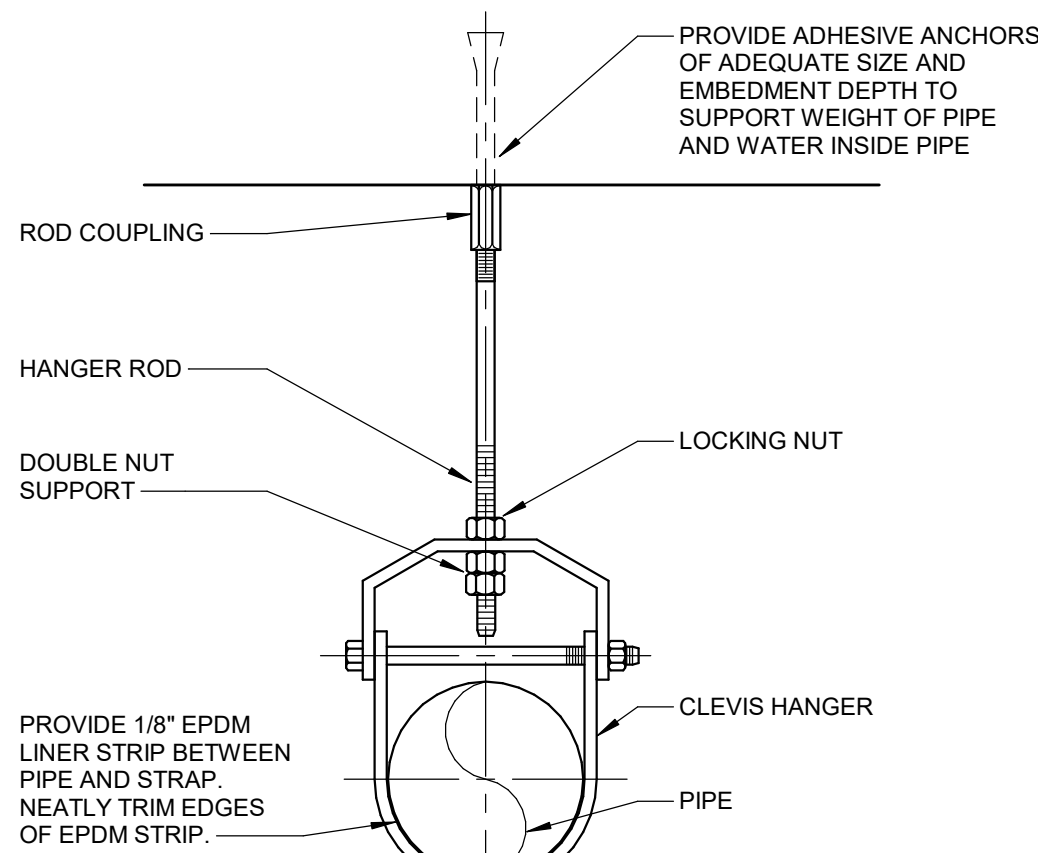
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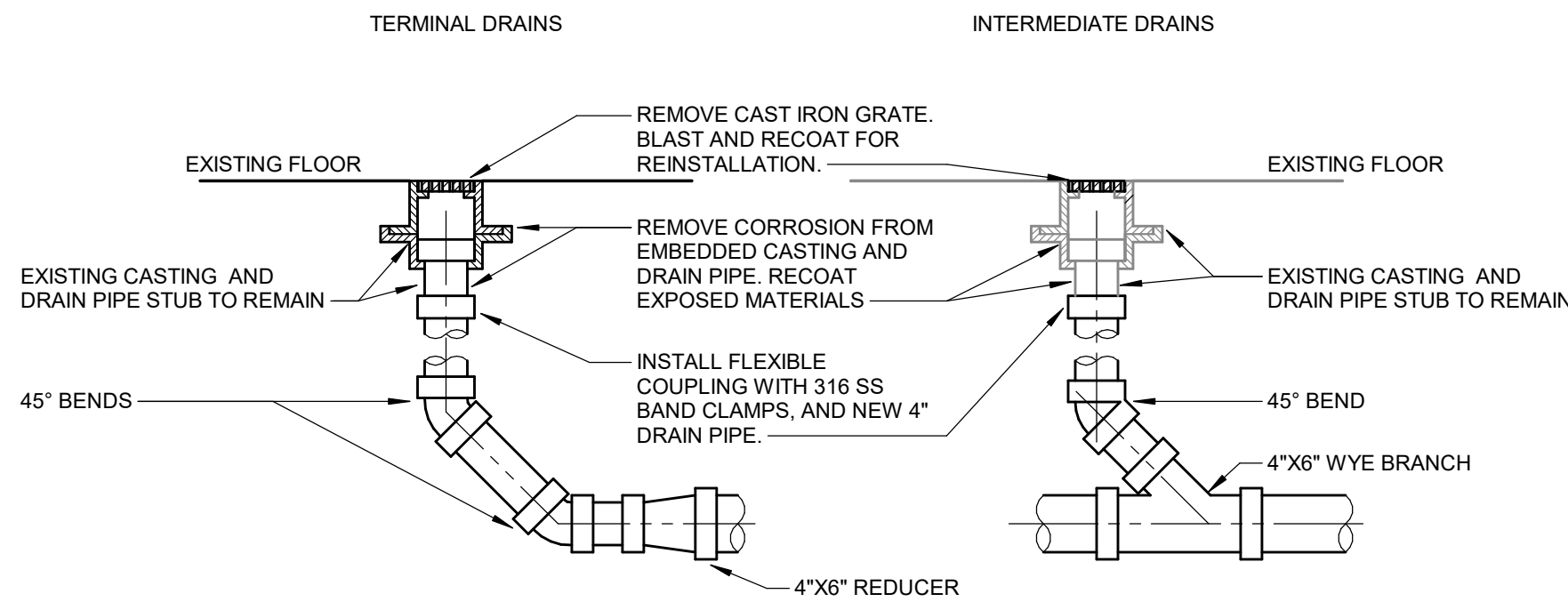
D402

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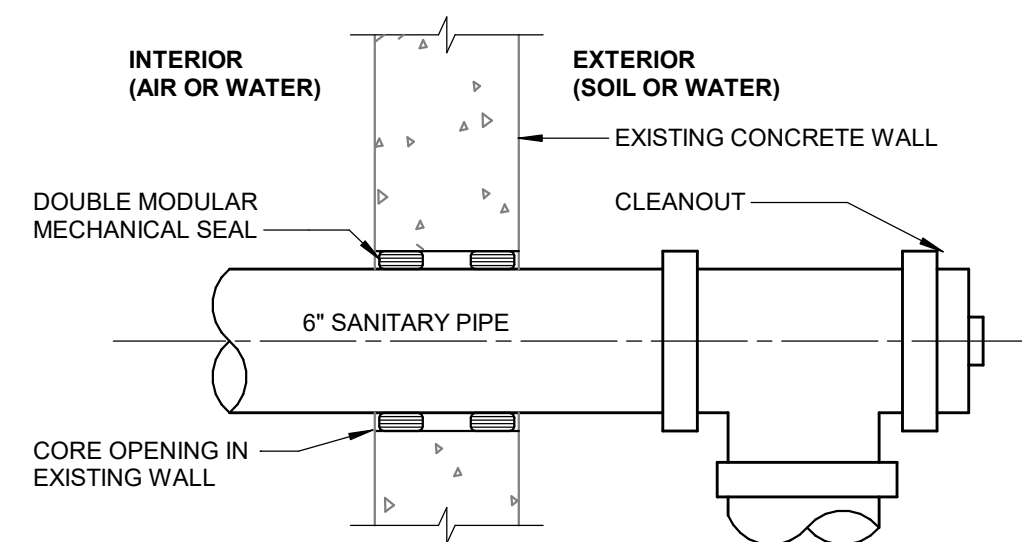
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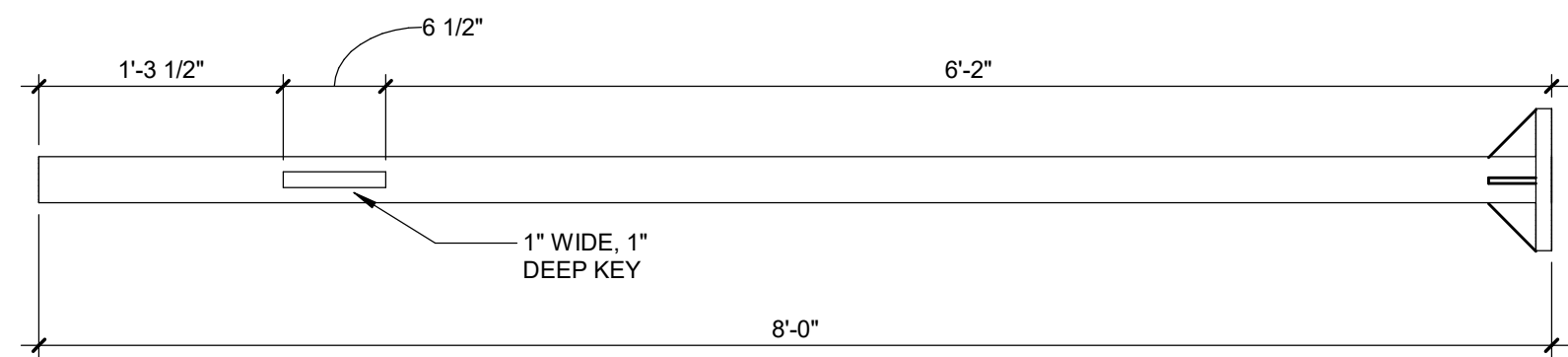
PIPE HANGER CLEVIS - 3
NO SCALE



FLOOR DRAIN
NO SCALE



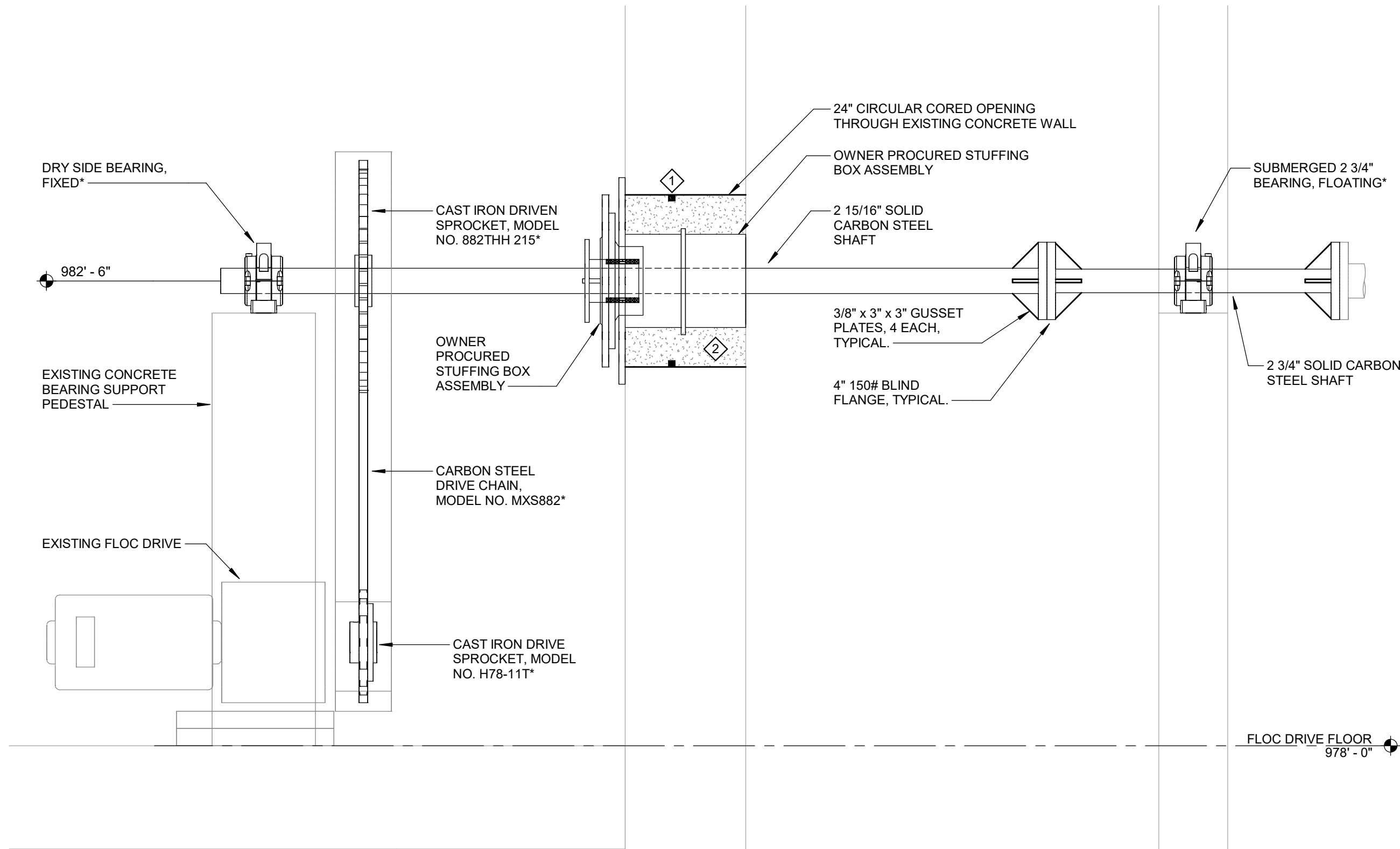
WPN-1
WALL PENETRATION
NO SCALE



DRIVE SHAFT DETAIL
NO SCALE

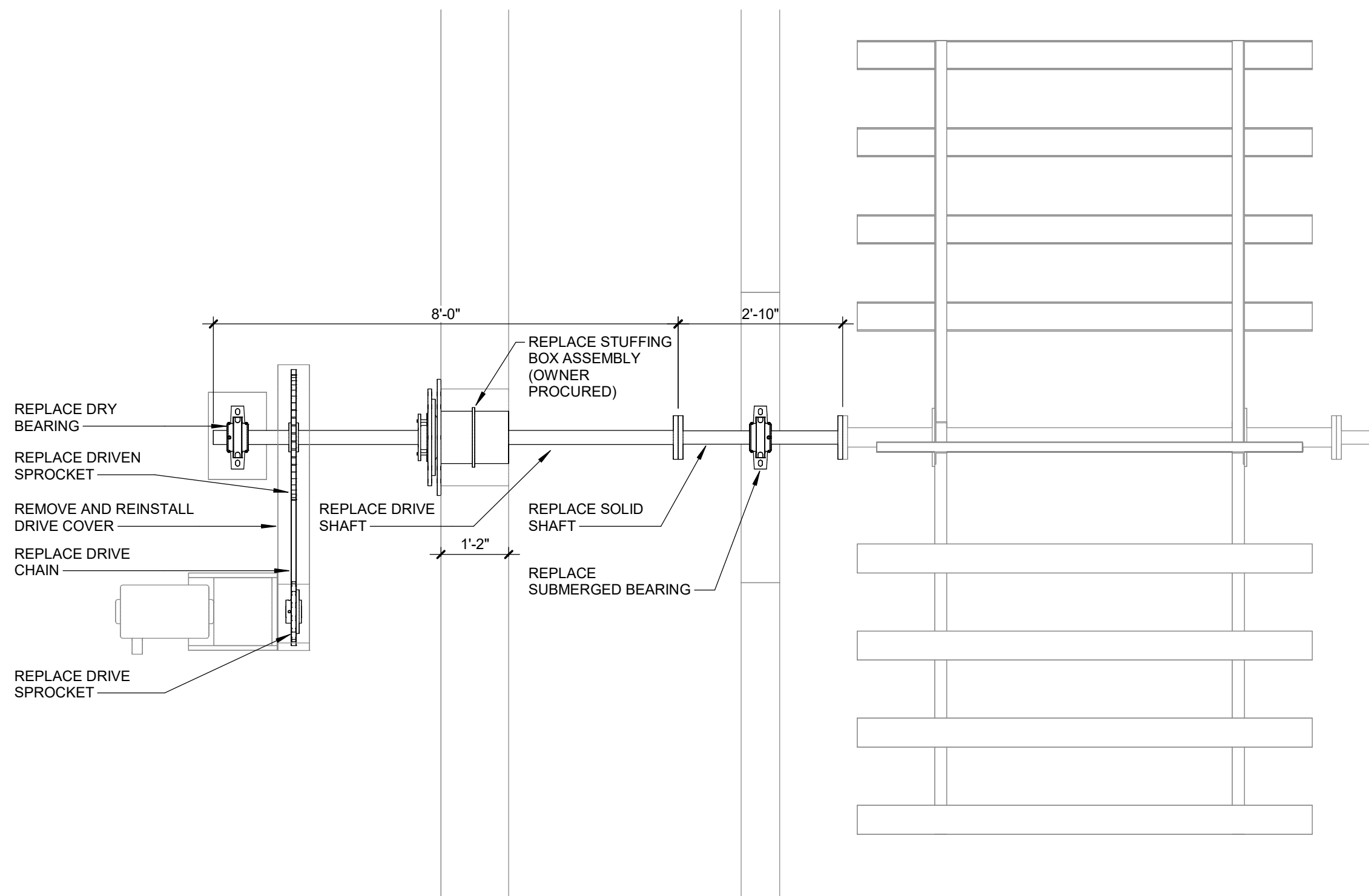
KEY NOTES

- 1 PROVIDE WATERPROOF BEAD ADHERED TO EXISTING CONCRETE FACE. PROVIDE 3" MINIMUM COVER.
- 2 GROUT STUFFING BOX AFTER ALIGNMENT OF SHAFT.



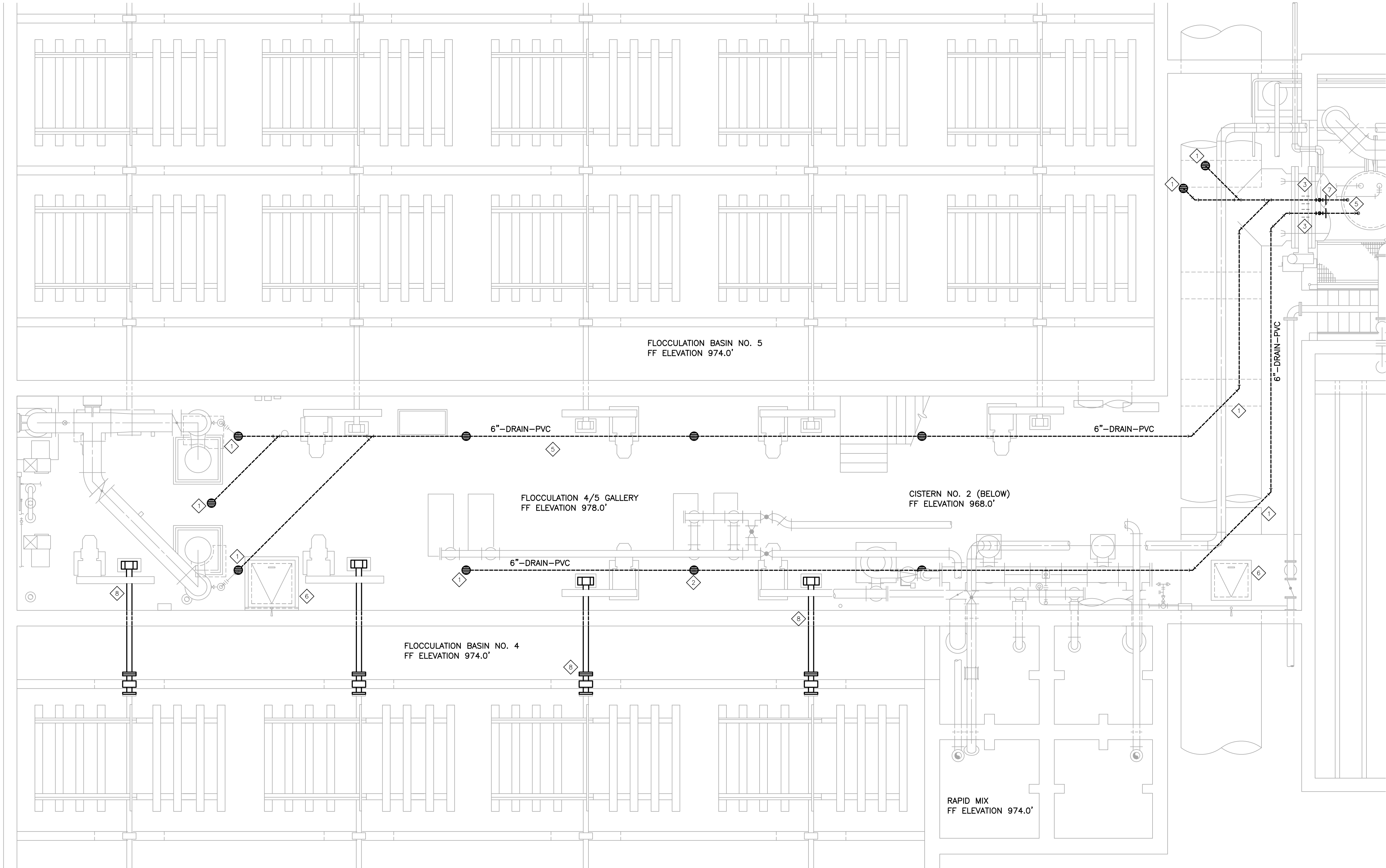
*CONTRACTOR TO VERIFY.

FLOC DRIVE DETAIL - SECTION
NO SCALE



FLOC DRIVE DETAIL - PLAN
NO SCALE

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PIPING PLAN

SCALE: 1/4" = 1'-0"

NOTES

- EXISTING PIPE ROUTING SHOWN IS APPROXIMATE. FIELD VERIFY.

KEY NOTES

- TERMINAL DRAIN, SEE DETAIL.
- REINSTALL RECOATED DRAIN GRATE. SEE FLOOR DRAIN DETAIL. TYPICAL OF 11 DRAINS.
- PIPE PENETRATION, SEE WALL PENETRATION DETAIL.
- ROUTE DRAIN PIPING TO EXISTING SUMP.
- 6" PVC DRAIN PIPING AT MINIMUM 1/8" PER 1' FOOT SLOPE LOCATED IN CISTERN NO. 2. SUPPORT PIPING FROM SLAB. SEE CLEVIS DETAIL.
- 30"x30" ACCESS HATCH AVAILABLE FOR ACCESS IN CISTERN NO. 2 BELOW SLAB. CONFINED ENTRY REQUIRED.
- TEE AND CLEANOUT AT WALL PENETRATION. SEE WALL PENETRATION DETAIL.
- INSTALL NEW STUFFING BOX, SHAFTS, BEARINGS, CHAIN, AND SPROCKETS. TYPICAL OF 4 FLOC DRIVES. SEE FLOC DRIVE DETAILS.

REVISIONS

10/7/2025 | BIDS AND CONSTRUCTION

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