

FIRESTATION #4 WASHRACK

PROJECT DESCRIPTION

THIS PROJECT WILL CONSIST OF THE REMOVAL OF THE EXISTING AREA DRAIN AND THE PLACEMENT OF A NEW TWO CHAMBERED AREA DRAIN W/ VALVE TO DIVERT WASH WATER TO THE SANITARY SEWER. IT ALSO INCLUDES A CONNECTION TO THE SANITARY SEWER AND THE INSTALLATION OF FLOW SWITCHES AND A TIMER NEAR THE HOSE BIBS.

GENERAL CONSTRUCTION NOTES:

1. NORTH DRIVEWAY SHALL REMAIN CLEAR FOR EMERGENCY ACCESS AT ALL TIMES.
2. ALL WORK AND INSTALLATIONS SHALL MEET CURRENT FEDERAL, STATE, AND LOCAL CODES.
3. ALL DISTURBED AREAS SHALL BE RESTORED AND CLEANED UPON COMPLETION OF PROJECT.
4. CONTRACTOR SHALL NOTIFY THE STATION COMMANDER 24 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONTRACTOR SHALL COORDINATE IN ADVANCE FOR ALL WORK CONDUCTED INSIDE THE STATION OR FOR WORK THAT MAY AFFECT STATION OPERATIONS. THE CONTRACTOR SHALL MEET WITH THE STATION CAPTAIN AND PROJECT MANAGER DAILY TO REVIEW THE SCOPE OF WORK FOR THAT DAY PRIOR TO START.
5. ONCE CONSTRUCTION HAS COMMENCED, THERE SHALL BE NO DELAY UNTIL THE PROJECT IS COMPLETED. THE CONTRACTOR SHALL SUPPLY ADEQUATE WORKFORCE TO COMPLETE THE PROJECT BY THE CONTRACT COMPLETION DATE.
6. ALL WATER LINES AND ELECTRICAL DEVICES EXPOSED TO THE INSIDE OF THE (INTERIOR) BAY SHALL BE INSTALLED 10' ABOVE THE FLOOR.
7. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND FLOW LINE DEPTHS TO ENSURE THAT ADEQUATE GRADES AND CLEARANCES ARE ATTAINABLE PRIOR TO CONSTRUCTION.
8. THE PLAN DRAWING AND PHOTO DIAGRAMS ARE SCHEMATIC REPRESENTATIONS AND SHOW APPROXIMATE LOCATIONS FOR INSTALLATION. THE CONTRACTOR SHALL DETERMINE THE EXACT ROUTING AND PLACEMENT AS APPROPRIATE. PLACEMENT OF CLEANOUTS AND BASINS SHOULD BE OUT OF WHEEL PATHS.

VICINITY MAP



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No.	Revision/Issue	Date
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DRAWN: RBK

NOTE:

UTILITY LOCATIONS ARE APPROXIMATE
DO NOT
SCALE OR LOCATE UTILITY LINES OR MAINS
FROM THESE DRAWINGS
CALL FOR UTILITY LOCATES
1-800-332-2344

THE CONTRACTOR SHALL BE RESPONSIBLE
FOR DETERMINING UTILITY LOCATIONS PRIOR TO
BEGINNING OF CONSTRUCTION.
THESE PLANS MAY NOT SHOW ALL UTILITIES OR
THE CORRECT LOCATIONS.

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PROJECT 21054

City of Springfield
PUBLIC WORKS / ENGINEERING
 225 FIFTH STREET, SPRINGFIELD, OR 97477
 PHONE (541) 726-3733 FAX (541) 726-1021
 INTERNET: www.cityofspringfield.or.us



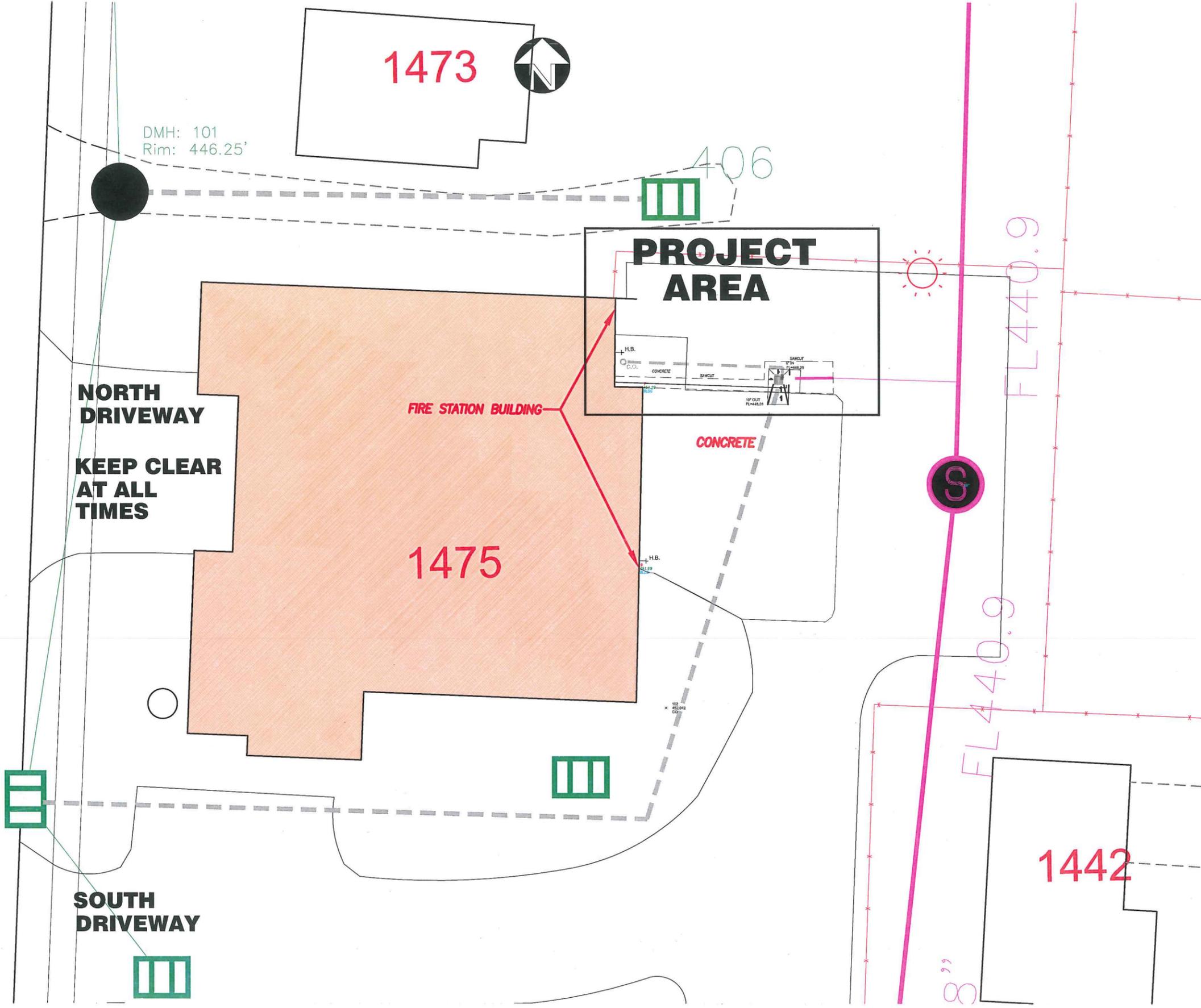
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Scale

SHEET

1 of

5th STREET



NORTH DRIVEWAY
KEEP CLEAR AT ALL TIMES

SOUTH DRIVEWAY

1473

1475

1442

PROJECT AREA

FIRE STATION BUILDING

CONCRETE

DMH: 101
Rim: 446.25'

406

FL440.9

FL440.9

3"

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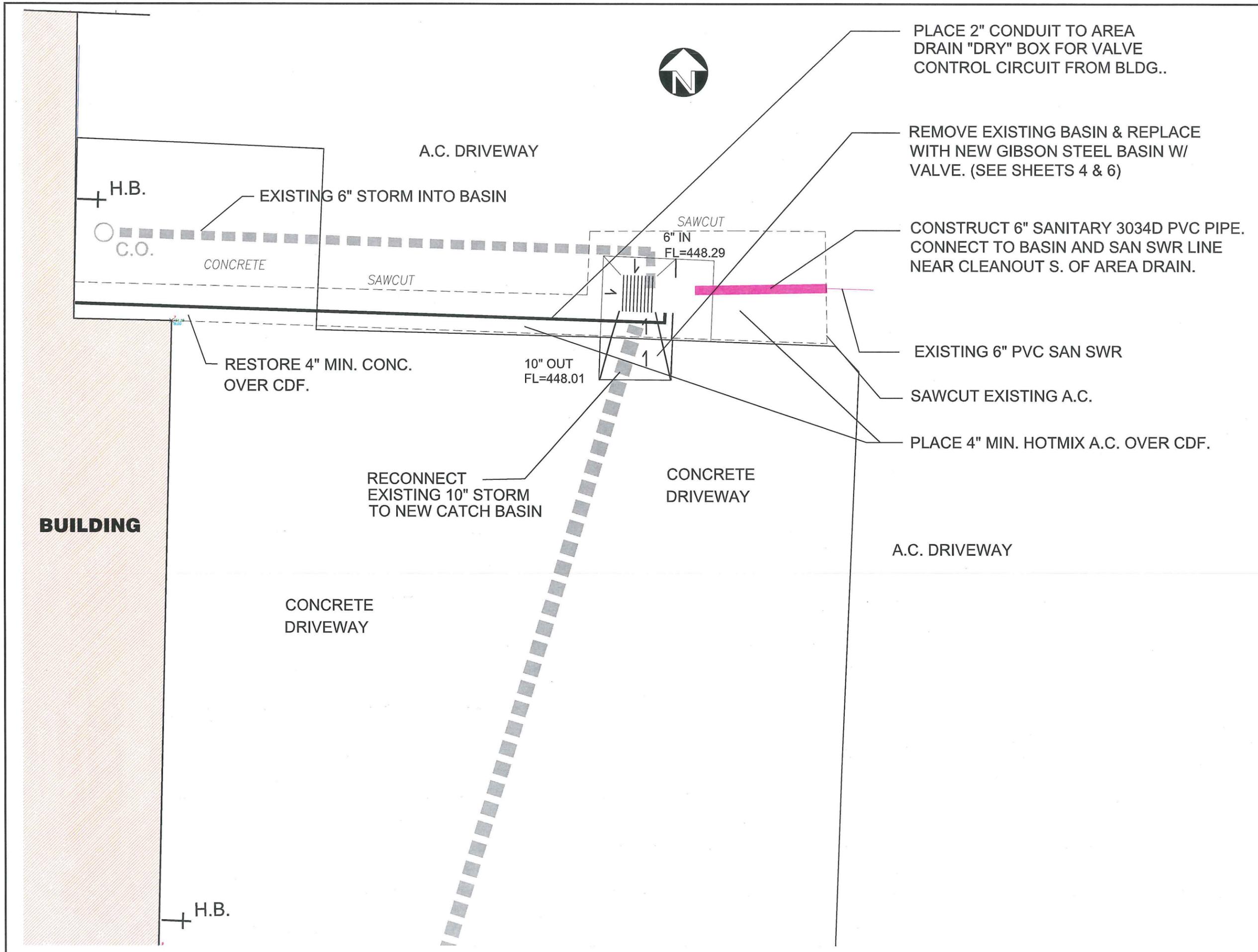
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SHEET

2 OF

OVER-ALL SITE PLAN



PLACE 2" CONDUIT TO AREA DRAIN "DRY" BOX FOR VALVE CONTROL CIRCUIT FROM BLDG..

REMOVE EXISTING BASIN & REPLACE WITH NEW GIBSON STEEL BASIN W/ VALVE. (SEE SHEETS 4 & 6)

CONSTRUCT 6" SANITARY 3034D PVC PIPE. CONNECT TO BASIN AND SAN SWR LINE NEAR CLEANOUT S. OF AREA DRAIN.

EXISTING 6" PVC SAN SWR

SAWCUT EXISTING A.C.

PLACE 4" MIN. HOTMIX A.C. OVER CDF.

A.C. DRIVEWAY

EXISTING 6" STORM INTO BASIN

CONCRETE

SAWCUT

RESTORE 4" MIN. CONC. OVER CDF.

10" OUT FL=448.01

SAWCUT

6" IN FL=448.29

CONCRETE DRIVEWAY

RECONNECT EXISTING 10" STORM TO NEW CATCH BASIN

A.C. DRIVEWAY

CONCRETE DRIVEWAY

BUILDING

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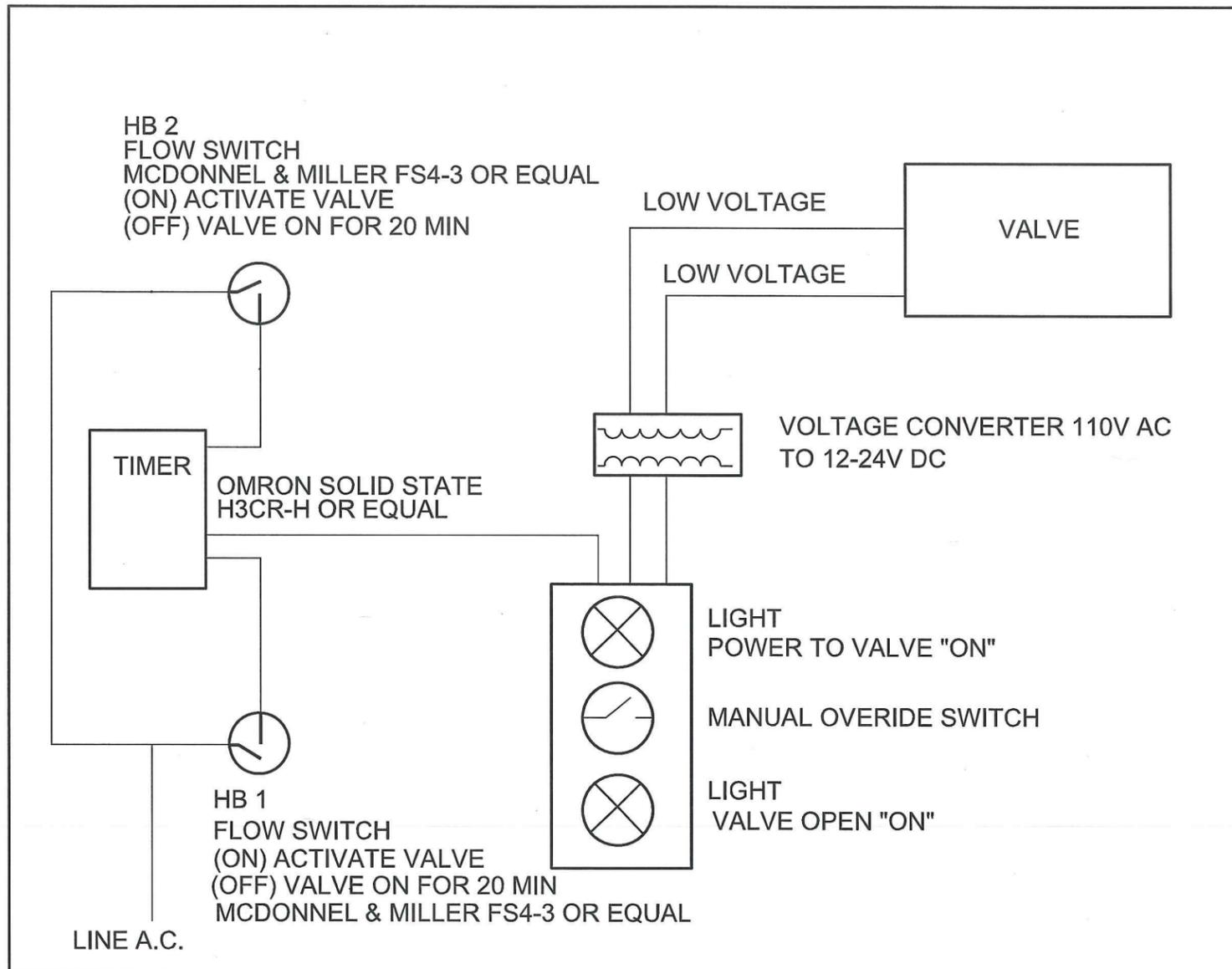
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SYSTEM DIAGRAM



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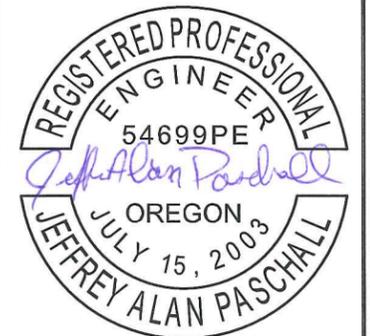
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SHEET

5 OF

SANITARY OUTFALL PLUMBING DETAIL

TRIAC ELECTRIC AUTOMATIC BALL VALVE PACKAGE SERIES 22
24V DC 2" OR EQUAL W/APPROVAL.
W/VALVE OPEN SWITCH TO IN-
DICATOR LIGHT ON REMOTE PANEL.

CHANNEL AROUND DRY LID
OPEN TO WET SIDE.

ELECTRICAL SUPPLY TO VALVE
24V DC & CONDUIT

BULKHEAD FITTING TYP.
(WATERTIGHT)

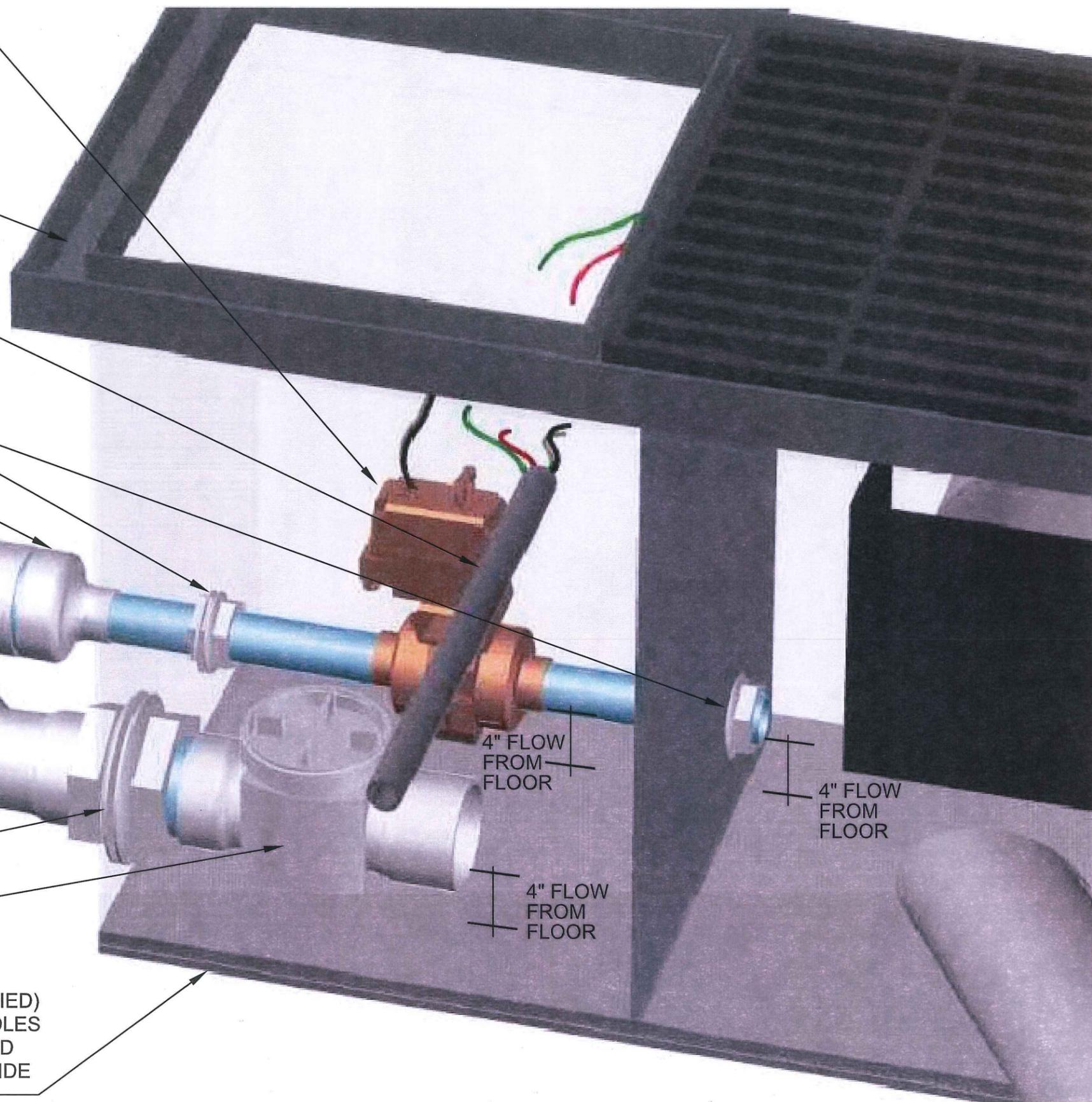
4" TO 2" PVC REDUCER

4" WYE

BULKHEAD FITTING TYP.
(WATERTIGHT)

4" OATEY BACKWATER
VALVE #43904 OR EQUAL

TREATED
24"x48" GIBSON STEEL CATCH BASIN (MODIFIED)
W/MODIFIED RIM AND HOLE PLACEMENT. HOLES
SIZES AND LOCATIONS TO BE FIELD VERIFIED
PRIOR TO MANUFACTURE. E. SIDE DRY -W.SIDE
WET. (SIDES CLEAR FOR ILLUSTRATION)



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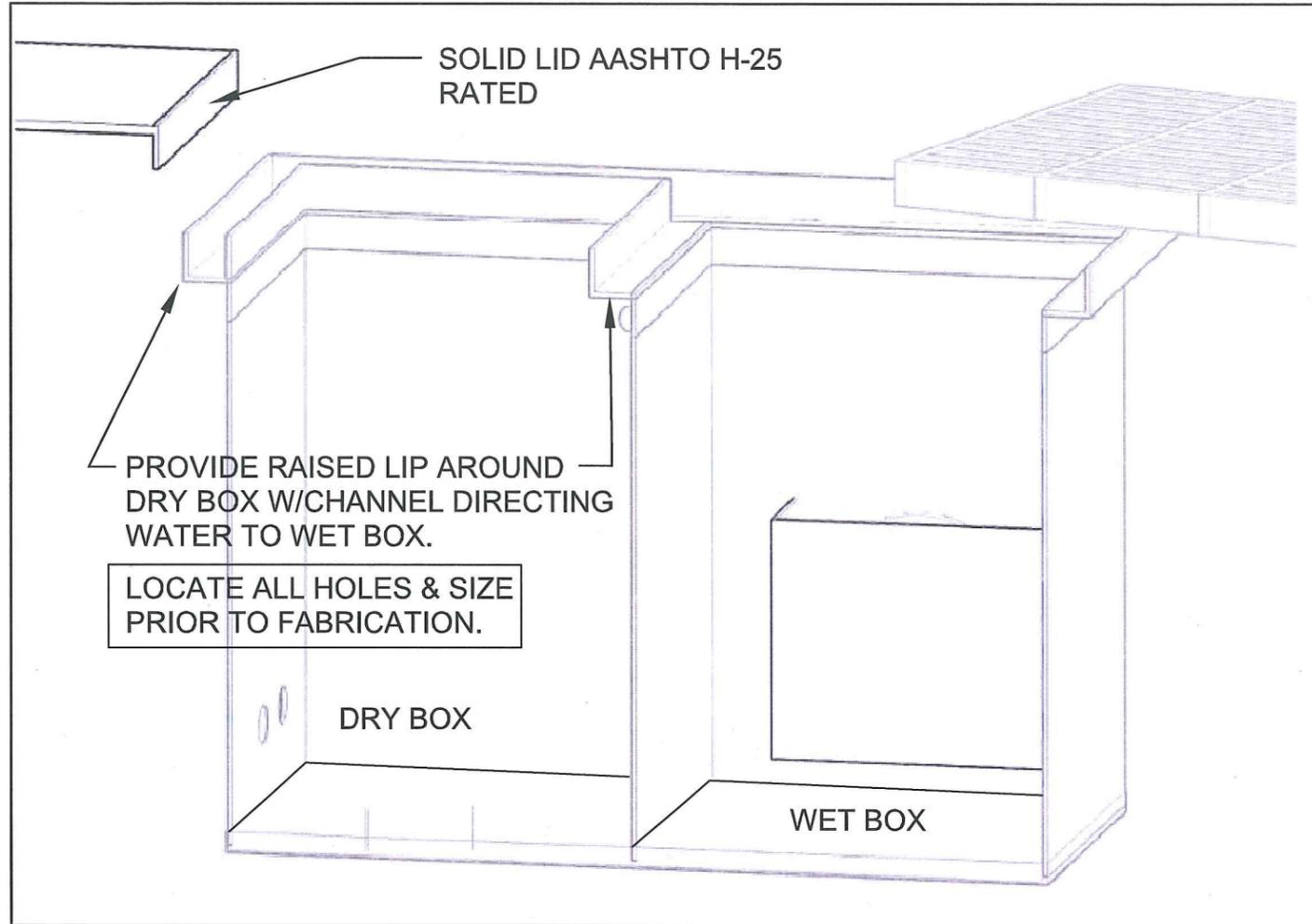
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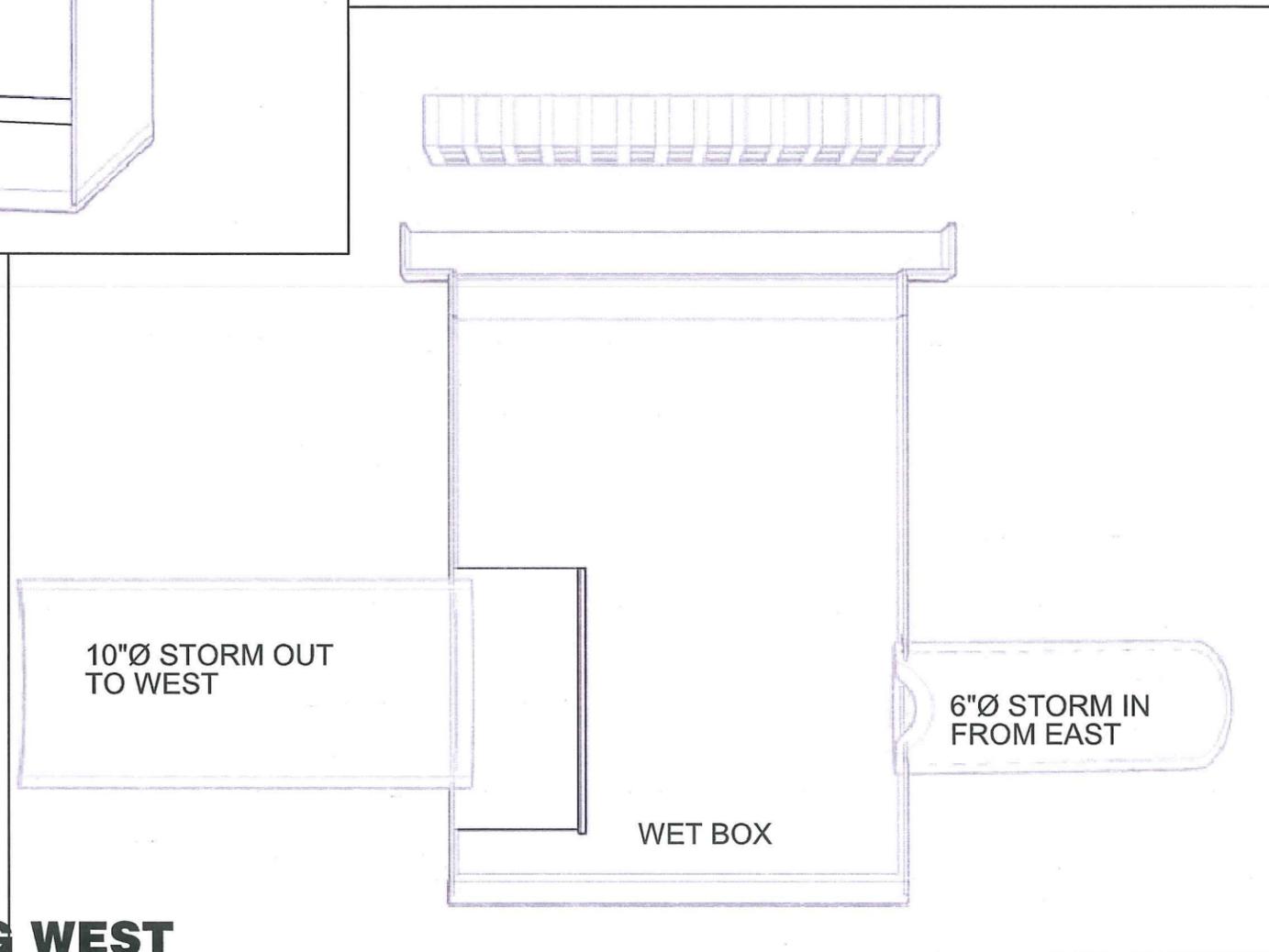
SHEET

6 OF

MODIFIED GIBSON SAND COLLECTOR CATCH BASIN



SECTION LOOKING SOUTH



SECTION LOOKING WEST

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