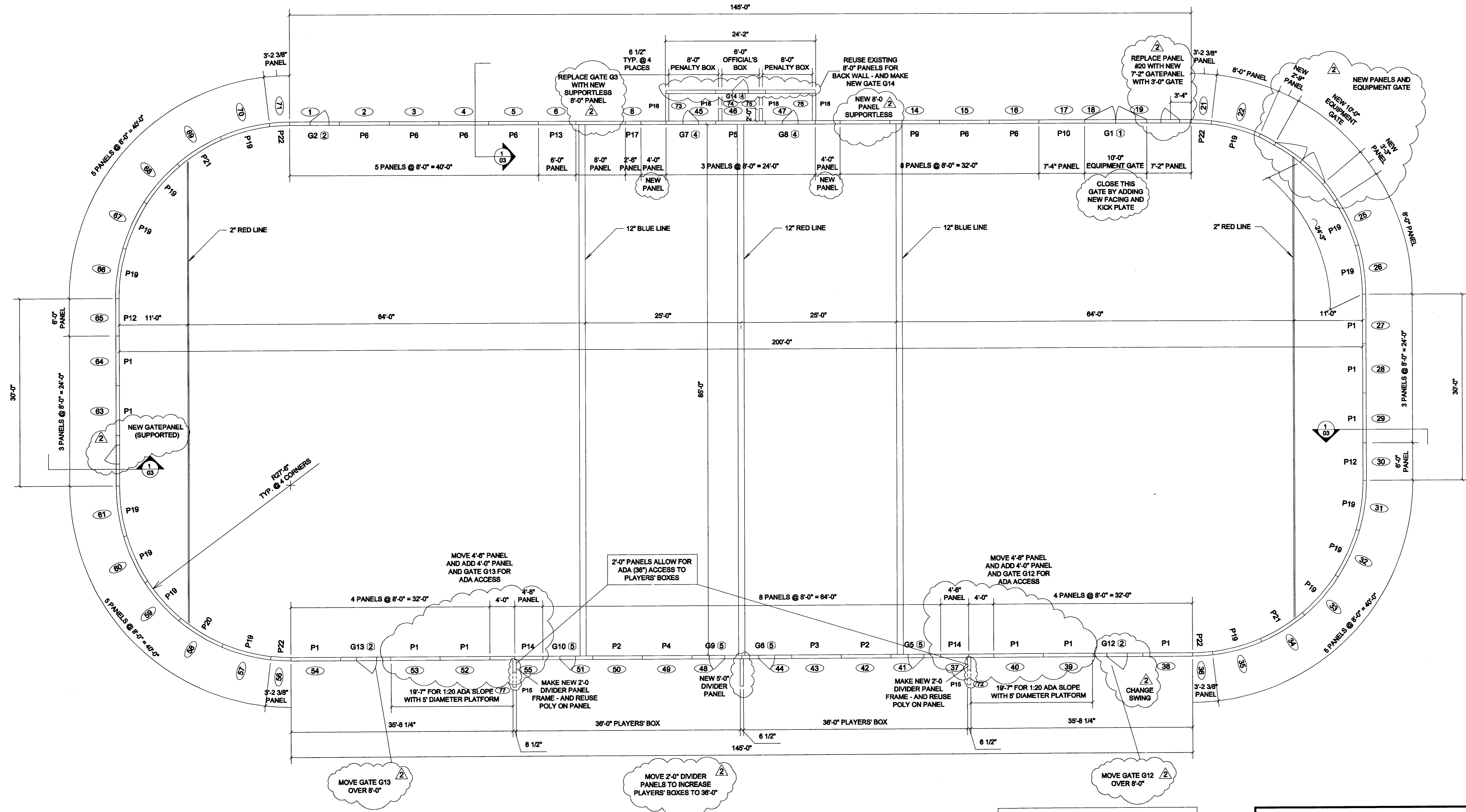


ORIGINAL CONSTRUCTION DOCUMENTS FOR REFERENCE

Rink #2



DASHER BOARD LAYOUT PLAN

- GATE NOTES**
- ① 10'-0" EQUIPMENT GATE W/2" HIGH STEEL AND POLY THRESHOLD AND SLIDE BAR LATCH
  - ② 3'-3 1/2" ADA ACCESS GATE W/ 2-1/2" HIGH THRESHOLD AND PUSH BUTTON LATCH
  - ③ 3'-0" ACCESS GATE W/3" HIGH THRESHOLD AND PUSH BUTTON LATCH
  - ④ 2'-6" PLAYER GATE W/6" HIGH THRESHOLD AND PUSH BUTTON LATCH
  - ⑤ 2'-6" PLAYER GATE W/9" HIGH THRESHOLD

APPROVAL DRAWINGS REPRESENT VERIFICATION ON RINK DIMENSIONS, ALL GATE LOCATIONS, COLUMN SIZE AND LOCATIONS, CONCRETE SLAB DEPTH AND DIMENSIONS, CAPRAIL & KICKPLATE COLORS. VERIFICATION OF THE MENTIONED ITEMS ARE THE RESPONSIBILITY OF BECKER ARENA PRODUCT'S PROJECT CLIENT.

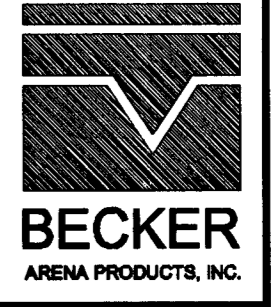
APPROVED FOR MANUFACTURING

APPROVED AS CORRECTED

REVISE AND RESUBMIT FOR APPROVAL

DATE: \_\_\_\_\_

SIGNED: \_\_\_\_\_



DATE	REV #	REVISIONS	PRINT RECD. NO.	DATE
8-29-13	1	REVISE PER APPROVALS		
9-24-13	2	REVISE PER CHANGE ORDER		

PROJECT: AUBURN ICE ARENA  
 LOCATION: TURNER STREET  
 AUBURN, MAINE 04210  
 ARCHITECT: MMD CONSULTANTS  
 CONTRACTOR: HERBERT CONSTRUCTION  
 ERECTION: BY B.A.P.  
 TITLE: DASHER BOARD LAYOUT PLAN  
 SCALE: 1/8" = 1'-0"  
 COMPLETION DATE: SEPTEMBER, 2013

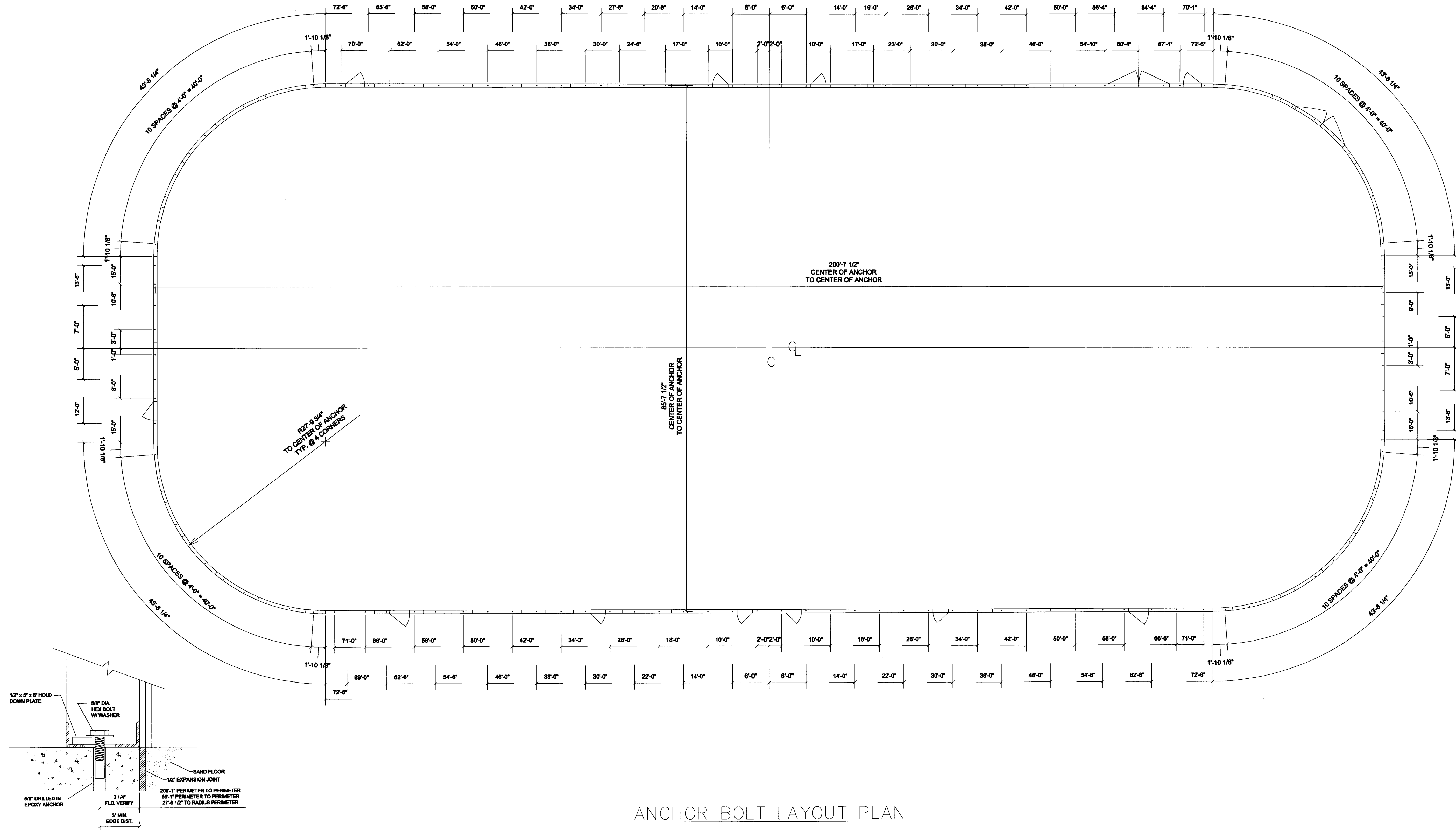
6811 W. HIGHWAY 13  
 SAVAGE, MN 55378  
 (612) 880-2880  
 FAX: (612) 880-2880

**BECKER**  
 ARENA PRODUCTS, INC.

DRAWN BY: LAG  
 CHK'D BY: \_\_\_\_\_  
 DATE: 8-9-13  
 JOB NO.: 13-1522  
 DRAWING NO.: AUB-01

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ORIGINAL CONSTRUCTION DOCUMENTS FOR REFERENCE



ANCHOR BOLT LAYOUT PLAN

EPOXY ANCHOR DETAIL  
(ANCHOR SPACING-48 1/2" O.C. MAX)

DATE	REV #	REVISIONS	PRINT RECD. NO.	DATE
8-29-13	1	REVISE PER APPROVALS	-	-
9-24-13	2	REVISE PER CHANGE ORDER	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

PROJECT:	AUBURN ICE ARENA
LOCATION:	TURNER STREET AUBURN, MAINE 04210
ARCHITECT:	MMD CONSULTANTS
CONTRACTOR:	HEBERT CONSTRUCTION
ERECTOR:	BY B.A.P.
TITLE:	DASHER BOARD ANCHOR LAYOUT PLAN
COMPLETION DATE:	SEPTEMBER, 2013
SCALE:	1/8" = 1'-0"

8811 W. HIGHWAY 13	SAVAGE, MN 56378
(800) 824-6520	(813) 880-2680
FAX: (813) 880-2680	

DRAWN BY:	LAG
CHKD BY:	
DATE:	8-9-13
JOB NO.:	13-1522
DRAWING NO.:	AUB-04

GENERAL NOTES:

EQUIPMENT SCHEDULE:

**LOW TEMPERATURE FLUID TO FLUID HEAT PUMPS:**  
 HP-1 THRU HP-9  
 ICE-1 IC-2040 (R-410A)  
 COOLING CAPACITY 241.0 MBH @ 20.0°F EFT & 14.5°F LFT.  
 HEATING CAPACITY 327.0 MBH @ 85°F EFT & 92.5°F LFT (110°F MAX)  
 VOLTAGE - 460/3/60  
 RUN LOAD AMPS - 42.7  
 MAX OPERATING CURRENT - 53.0 AMPS  
 LOCKED ROTOR AMPS - 290.0  
 EACH CUBE WILL REQUIRE A LINE OF SIGHT CIRCUIT BREAKER BY E.C.

**FLUID:**  
 EVAPORATOR (COLD SIDE) 35% ETHYLENE GLYCOL  
 CONDENSER (WARM SIDE) 40% ETHYLENE GLYCOL

**END SUCTION PUMPS: ELEC. 460/3/60**  
 P-1,2&3 - COLD FLOOR (35% E.G. 14°F) 1200 GPM @ 55'HD, 25HP W/ VFD, 36 AMPS - PATTERSON E4N11A-CC  
 P-4&5 - WARM LOOP (40% E.G. 85°F) 900 GPM @ 50' HD, 15HP W/ VFD, 18 AMPS - PATTERSON E4R9A-CC  
 P-6 - WARM FLOOR/SNOWMELT (40% E.G. 85°F) 180 GPM @ 40'HD, 3HP, 4.6 AMPS - PATTERSON E2.5J7A-CC  
 P-7 - WARM LOOP HEAT INJECTION PUMP (40% E.G. 100°F) 366 GPM @ 15' HD, 3HP, 4.6 AMPS - PATTERSON E3P7A-CC  
 P-8 - FLUID COOLER SPRAY PROVIDED WITH FLUID COOLER  
 P-9 THRU P-15 SEE SCHEDULE ON DRAWING M-5

-ALL MOTOR EFFICIENCIES SHALL MEET ASHRAE 90.1 STANDARDS AND BE NO LESS THAN 92% EFFICIENT.  
 -MOTOR STARTERS & VFD'S BY REFRIGERATION CONTRACTOR,  
 -DISCONNECTS BY ELECTRICAL CONTRACTOR.  
 -ALL PUMPS BASED ON PATTERSON, TACO OR EQUAL.

**FC-1 - FLUID COOLER: (CLOSED CIRCUIT COOLING TOWER)**  
 DESIGN CONDITIONS @ 72° WB:  
 900 GPM (40% E.G.) EFT 95°F, LFT 85°F  
 SPRAY WATER - 859 GPM (7.5HP PUMP)  
 FAN MOTORS - (2) @ 7.5HP  
 OPERATING WEIGHT 27,399 LBS  
 FLUID COOLER BASED ON BALTIMORE AIRCOIL MODEL: FXV-1212C-320-L

**EXPANSION TANKS:**  
 ET-1 - 135 GALLON ACCEPTANCE ASME (COMPRESSION TYPE), PATTERSON 24N472 OR EQUAL.  
 W/ TANK DRAIN & LIQUID LEVEL GAUGE  
 ET-2 - 106 GALLON ACCEPTANCE ASME (BLADDER TYPE), PATTERSON NLA-400 OR EQUAL.  
 ET-3 - 79 GALLON ACCEPTANCE ASME (BLADDER TYPE), PATTERSON NLA-300 OR EQUAL.

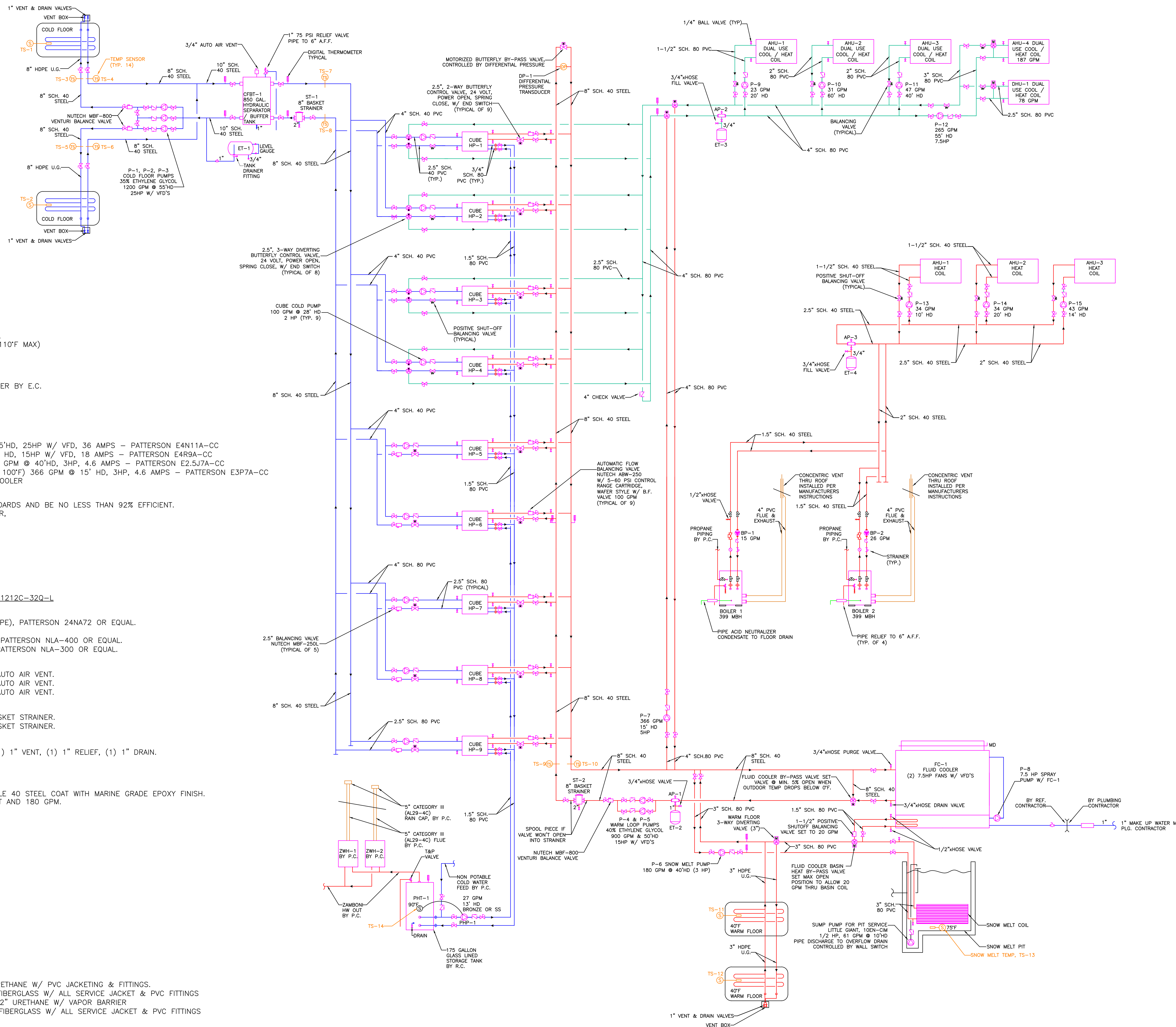
**AIR PURGERS:**  
 AP-1 - 8" INLINE AIR PURGER W/ 3/4" HIGH CAPACITY AUTO AIR VENT.  
 AP-2 - 4" INLINE AIR PURGER W/ 1/2" HIGH CAPACITY AUTO AIR VENT.  
 AP-3 - 2" INLINE AIR PURGER W/ 1/2" HIGH CAPACITY AUTO AIR VENT.

**STRAINERS:**  
 ST-1 - MUELLER, 125F-CI, 100 MESH, 8" CAST IRON BASKET STRAINER.  
 ST-2 - MUELLER, 125F-CI, 100 MESH, 8" CAST IRON BASKET STRAINER.

**HYDRAULIC SEPARATION / BUFFER TANKS:**  
 CFBT-1 - 300 GALLON VERTICAL, (4) 8" CONNECTIONS, (1) 1" VENT, (1) 1" RELIEF, (1) 1" DRAIN.  
 INSULATE W/ 2 LAYERS OF 3/4" ARMAFLEX IN FIELD  
 BASED ON RECO, JOHN WOOD OR EQUAL

**SNOW MELT COIL:**  
 FABRICATED BY REFRIGERATION CONTRACTOR FROM SCHEDULE 40 STEEL COAT WITH MARINE GRADE EPOXY FINISH.  
 COIL CAPACITY SHALL BE 400 MBH WITH MINIMUM 85°F EGT AND 180 GPM.

- NOTES:**
- REFRIGERANT:  
 PRIMARY - R-410A  
 GLYCOL - 40% ETHYLENE, WARM LOOP  
 - 35% ETHYLENE, COLD LOOP
  - ELECTRICAL CLASSIFICATION: NON HAZARDOUS, NEMA 1
  - ELECTRICAL CHARACTERISTICS:  
 POWER - 460/3/60  
 CONTROL - 120/1/60, E.C. TO PROVIDE  
 (2) 120 VOLT 20 AMP FEEDS TO CONTROL PANEL
  - PIPING MATERIALS:  
 GLYCOL & WATER PIPING:  
 ABOVE GROUND COLD & WARM PIPING:  
 SCH. 80 PVC W/ MOLDED FITTINGS  
 BOILER PIPING TO WARM LOOP:  
 SCH. 40 STEEL, ASME A53  
 BELOW GROUND:  
 1" IPS PE3408 HDPE SDR-13.5  
 2" IPS & ABOVE PE3408 HDPE SDR-11
  - PIPE INSULATION:  
 A. ABOVE GROUND REFRIGERATED COLD PIPING: 2" URETHANE W/ PVC JACKETING & FITTINGS.  
 B. ABOVE GROUND CHILLED GLYCOL PIPING: 1-1/2" FIBERGLASS W/ ALL SERVICE JACKET & PVC FITTINGS  
 C. BELOW GROUND REFRIGERATED COLD PIPING: 1-1/2" URETHANE W/ VAPOR BARRIER  
 D. ABOVE GROUND HOT AND WARM PIPING: 1-1/2" FIBERGLASS W/ ALL SERVICE JACKET & PVC FITTINGS



**PREFERRED CONTRACTORS, INC.**  
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**FORESIDE ARCHITECTS LLC**  
 5 FUNDY ROAD  
 FALMOUTH, ME 04105  
 Phone: 207-781-3344  
 Fax: 207-699-5564  
 Online @ foresidearchitects.com

Project Status:  
**PERMIT PLANS**  
 Project Number:  
 FAC0912

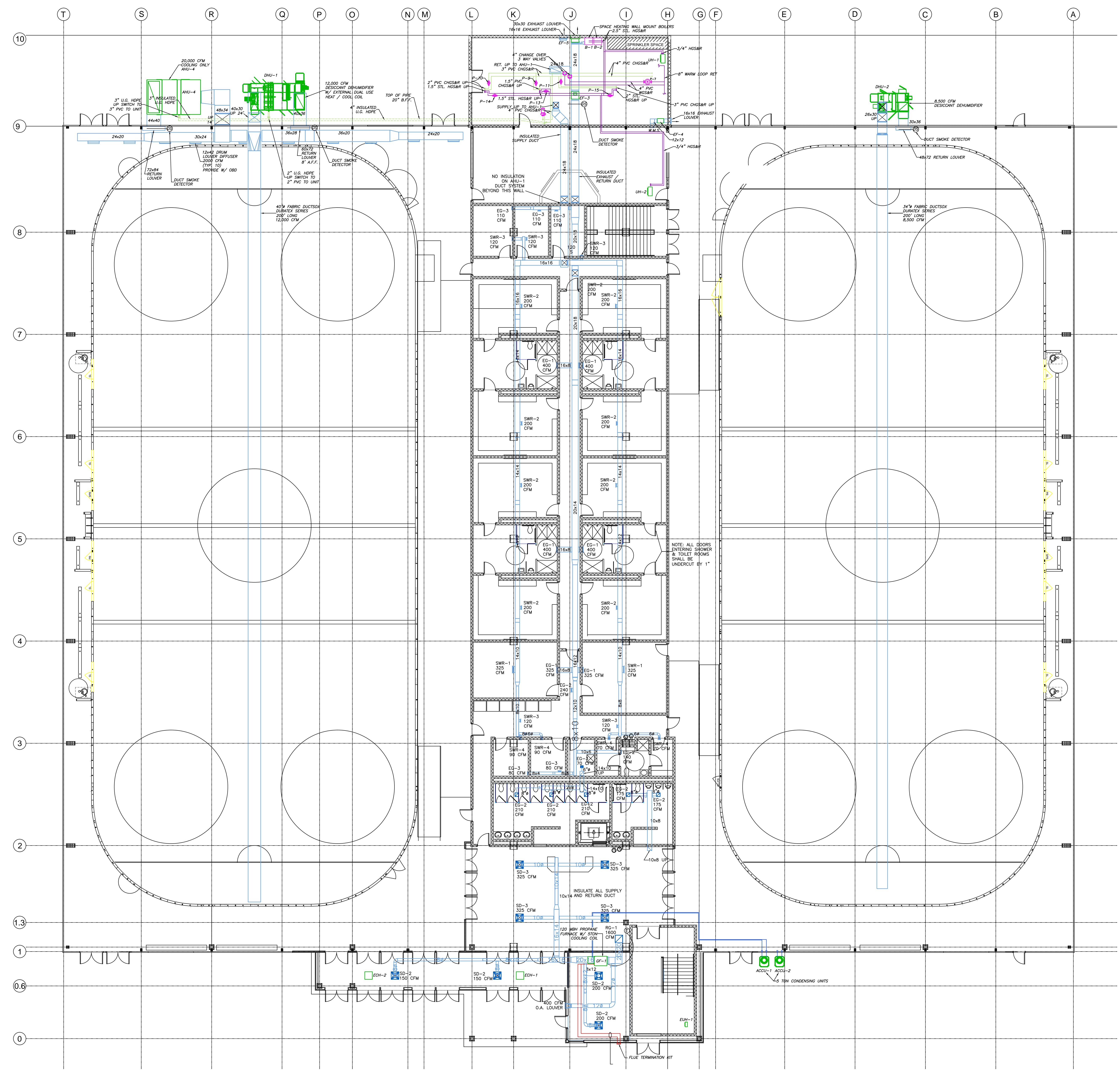
**PRELIMINARY PLANS**  
 Not for Construction

Lewiston / Auburn Area  
 Ice Arena  
 Turner Street  
 Auburn, Maine

Drawing Name:  
 Refrigeration Process and Instrumentation Diagram

Scale:  
 NONE  
 SHEET  
 Date:  
 04/14/13  
**P&ID**

GENERAL NOTES:



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REVISIONS:



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 FALMOUTH, ME 04105 Fax: 207-699-5564  
 Online @ foresidearchitects.com

Project Status:  
**PERMIT PLANS**

Project Number:  
 FAC0912

**PRELIMINARY PLANS**  
 Not for Construction

Lewiston / Auburn Area  
**Ice Arena**  
 Turner Street  
 Auburn, Maine

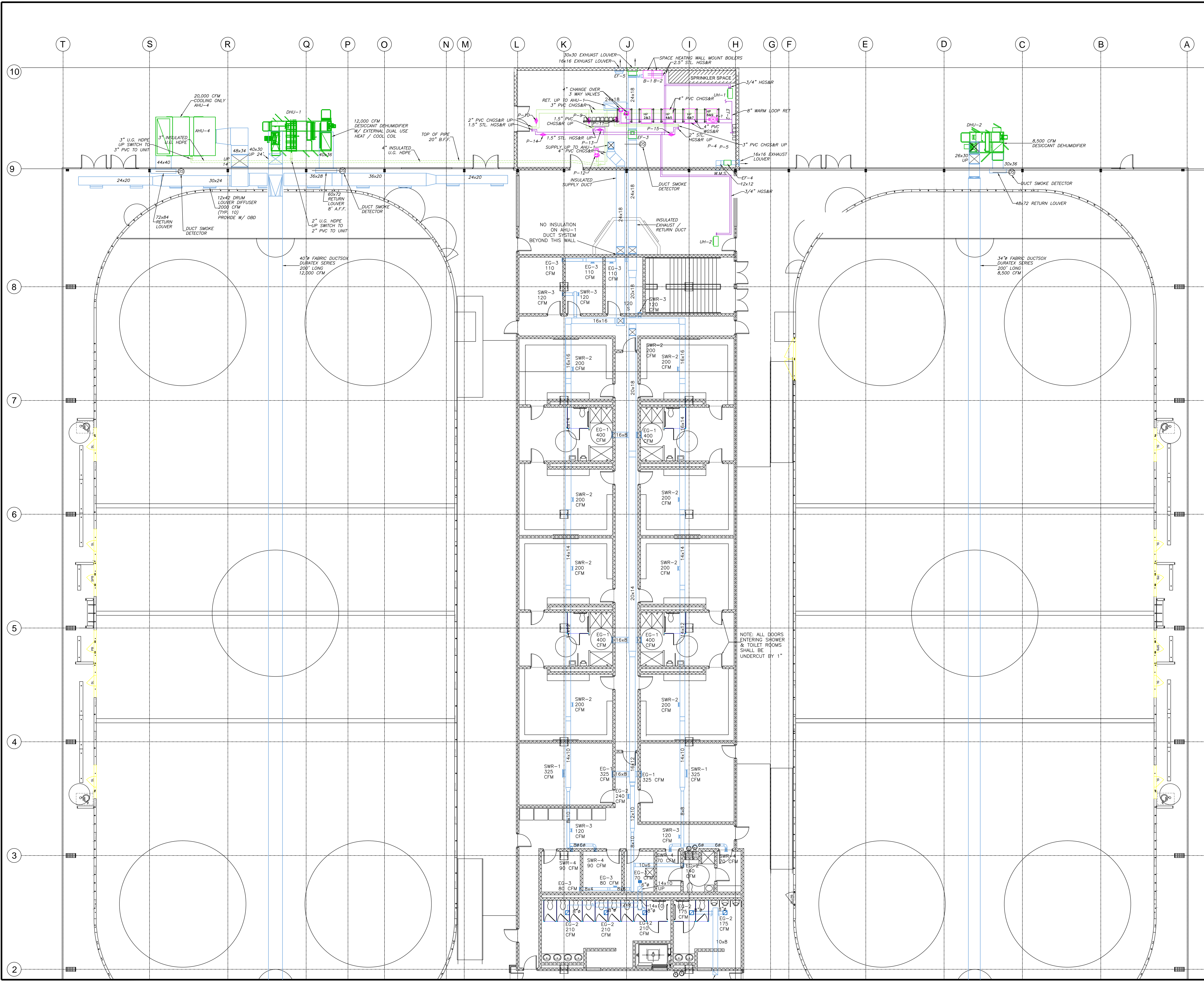
Drawing Name:  
 First Floor HVAC Plan

Scale:  
 3/32"=1'-0"

Date:  
 05/15/13

SHEET  
**M-1**

GENERAL NOTES:



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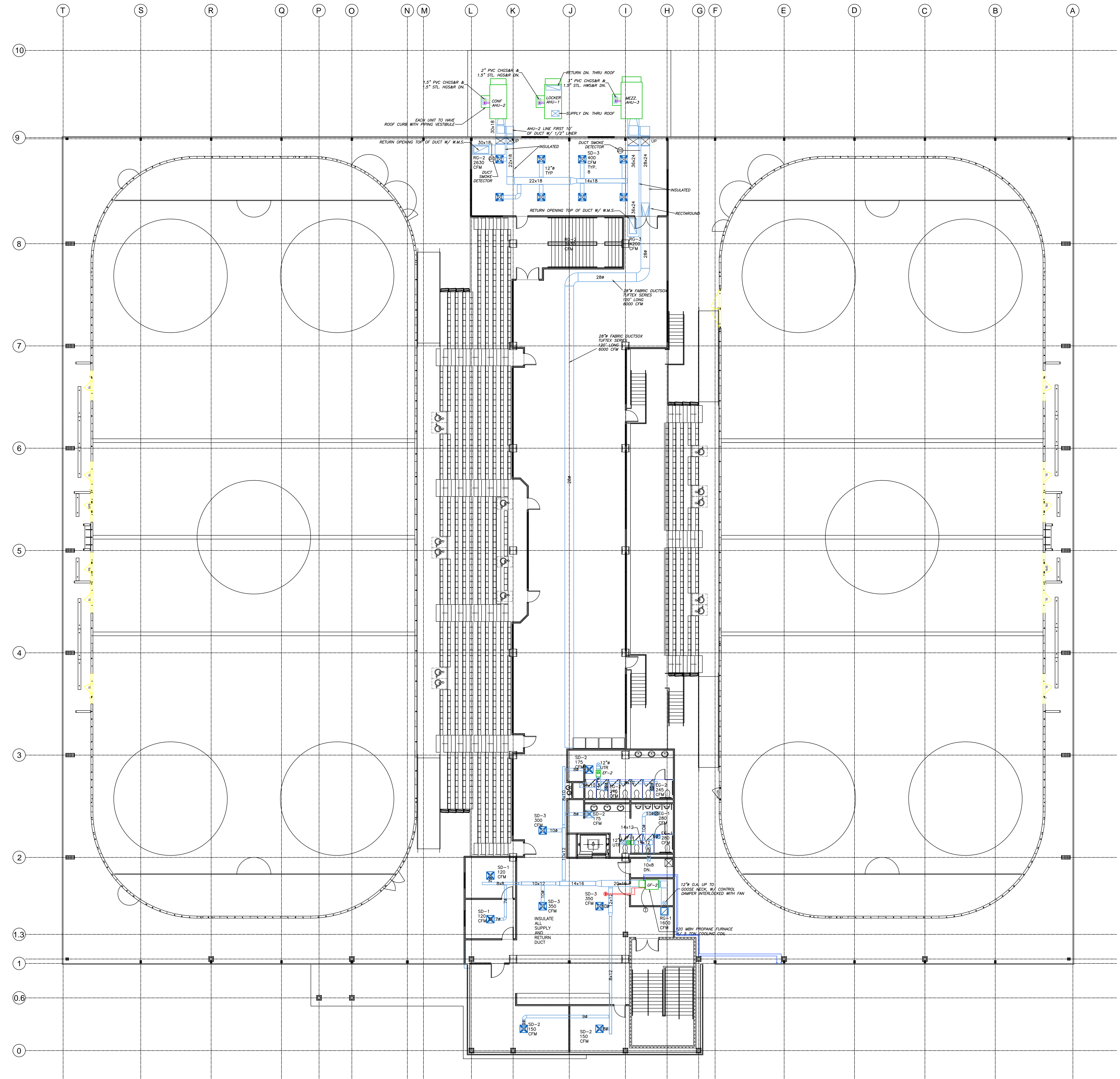
Project Status: PERMIT PLANS	PRELIMINARY PLANS Not for Construction
Project Number: FAC0912	

Lewiston / Auburn Area  
 Ice Arena  
 Turner Street  
 Auburn, Maine

Drawing Name:  
 ENLARGED REAR HVAC Plan

Scale: 3/32"=1'-0"	SHEET <b>M-1A</b>
Date: 05/15/13	

GENERAL NOTES:



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REVISIONS:



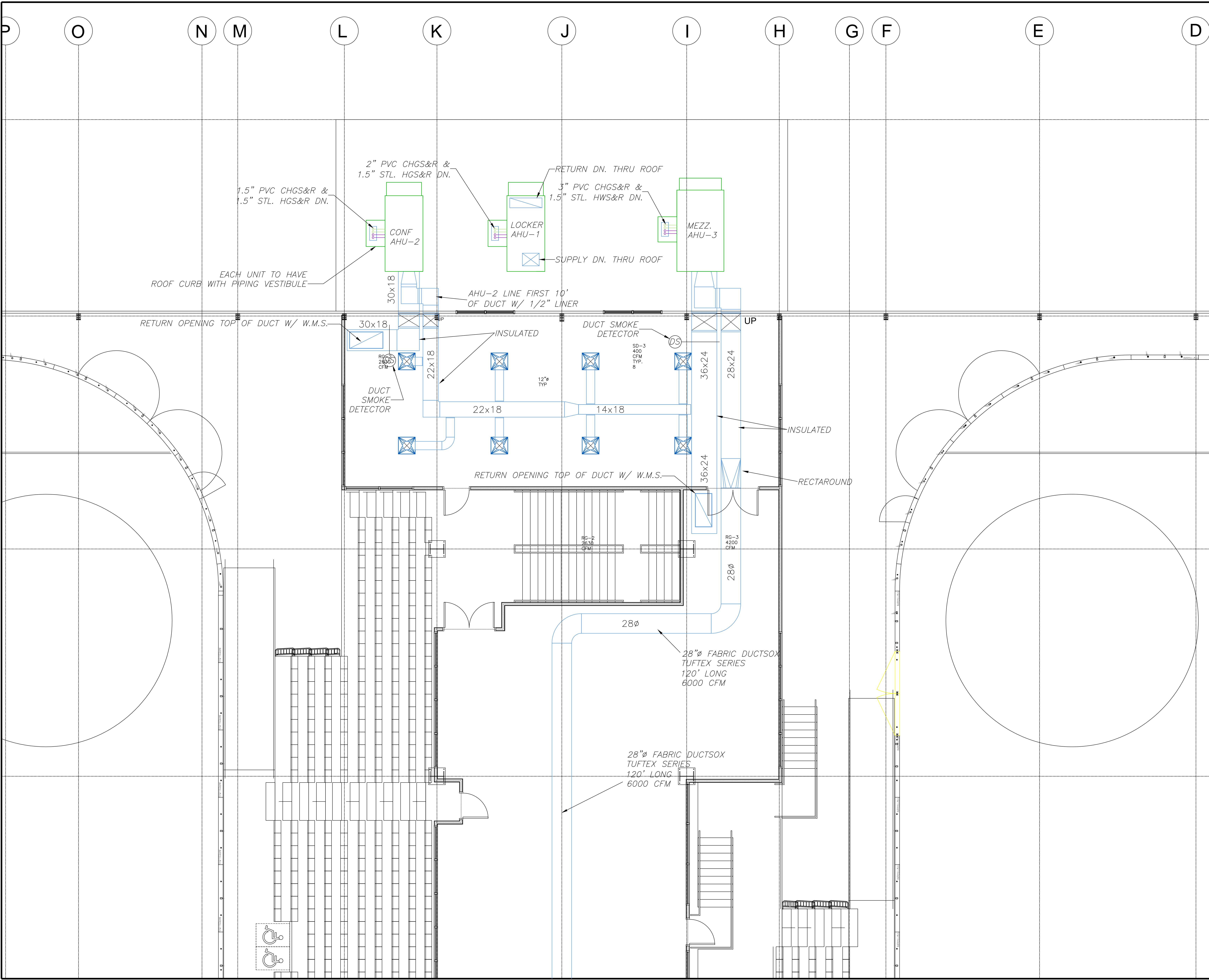
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 FALMOUTH, ME 04105  
 Phone: 207-781-3344  
 Fax: 207-699-5564  
 Online @ [foresidearchitects.com](http://foresidearchitects.com)

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Project Number: FAC0912	

Lewiston / Auburn Area  
 Ice Arena  
 Turner Street  
 Auburn, Maine

Drawing Name:  
 Mezzanine Level HVAC Plan

Scale: 3/32"=1'-0"	SHEET <b>M-2</b>
Date: 05/15/13	



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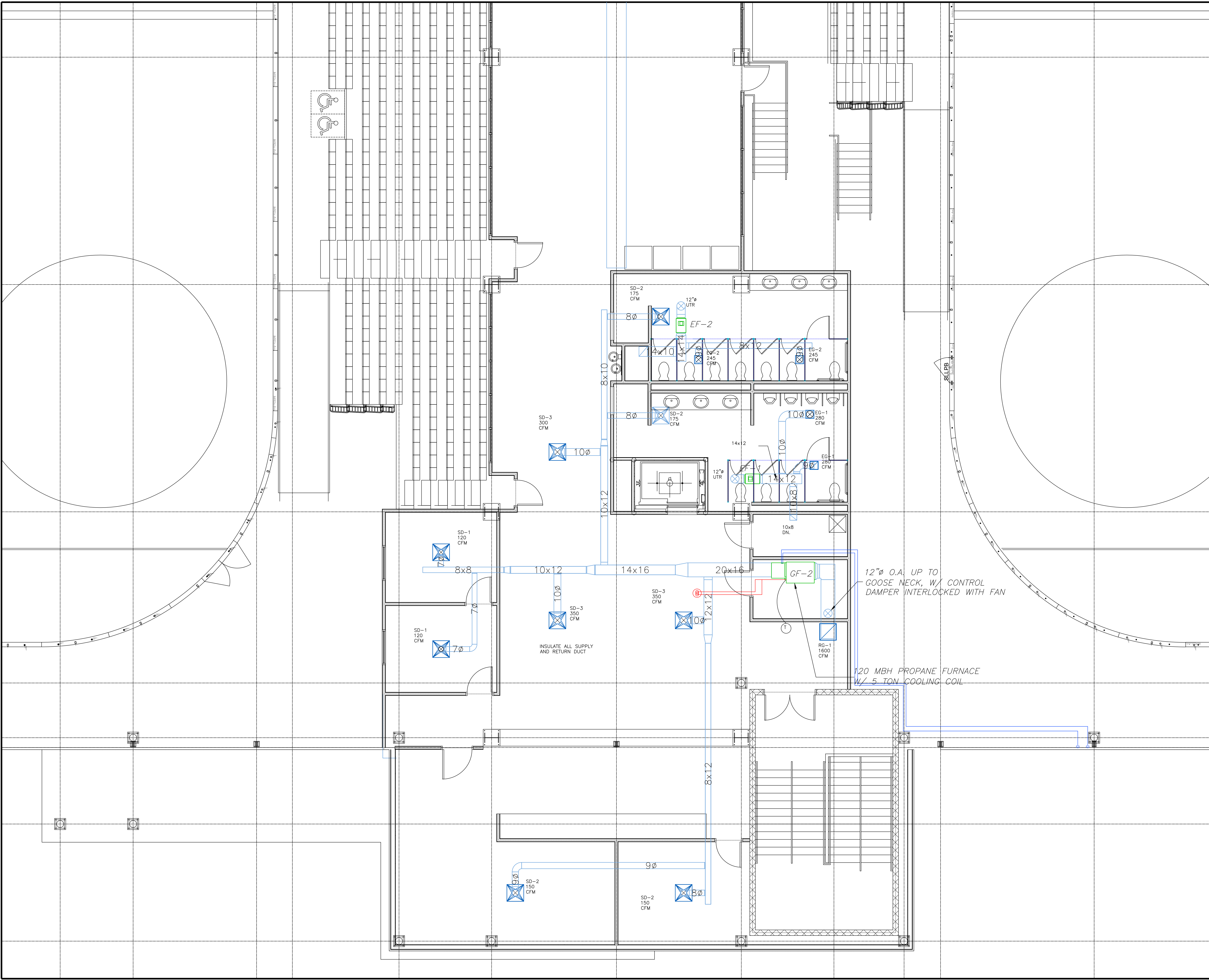
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 Project Number: FAC0912  
 PRELIMINARY PLANS Not for Construction

Lewiston / Auburn Area  
 Ice Arena  
 Turner Street  
 Auburn, Maine

Drawing Name:  
 Enlarged Rear HVAC Plan

Scale: 1/4"=1'-0"  
 Date: 05/15/13  
 SHEET  
**M-3**

GENERAL NOTES:



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 Fax: 207-699-5564  
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Project Status:  
**PERMIT PLANS**

Project Number:  
 FAC0912

**PRELIMINARY PLANS**  
 Not for Construction

Lewiston / Auburn Area  
 Ice Arena  
 Turner Street  
 Auburn, Maine

Drawing Name:  
 Enlarged Front HVAC Plan

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

Date:  
 05/15/13

SHEET  
**M-4**



GENERAL NOTES:

PREFERRED CONTRACTORS, INC.  
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Project Status:  
PERMIT PLANS

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PLANS  
Not for  
Construction

Project Number:  
FAC0912

Lewiston / Auburn Area  
Ice Arena  
Turner Street  
Auburn, Maine

Drawing Name:  
HVAC Schedule Plan

Scale:  
NONE

SHEET

Date:  
04/22/13

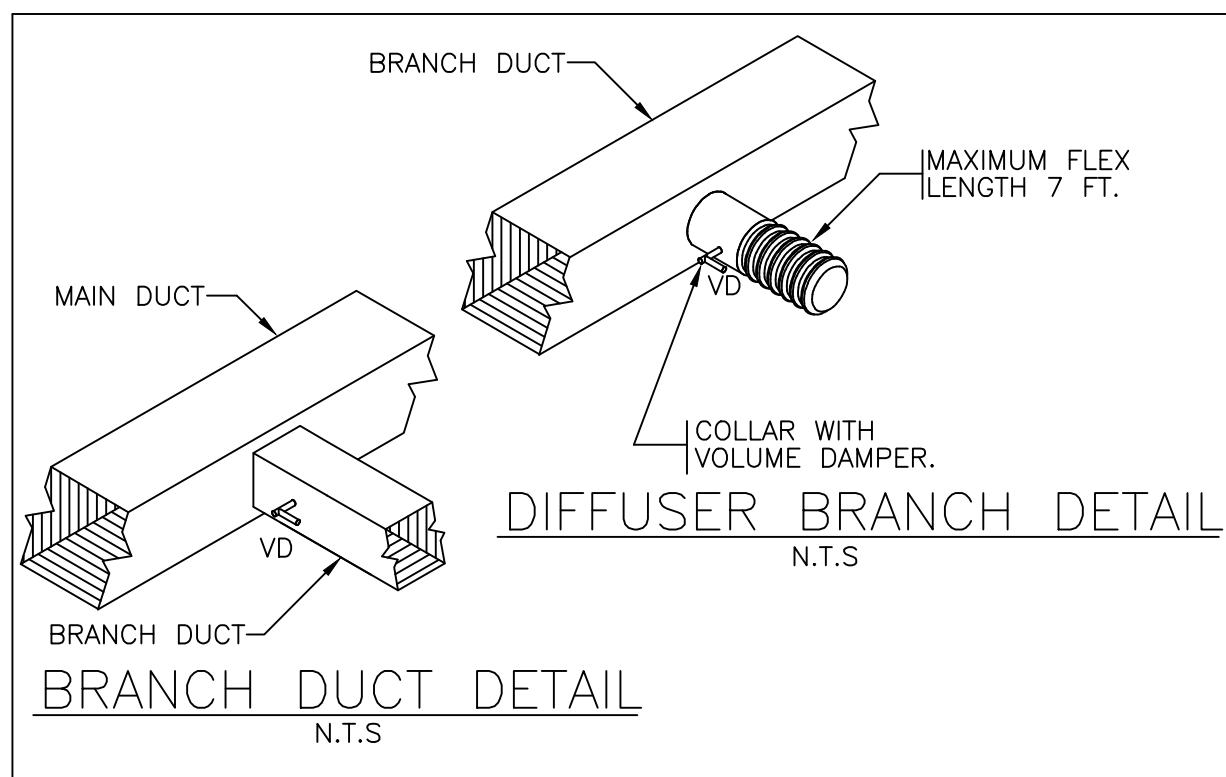
M-5

DESICCANT ICE RINK DEHUMIDIFIER SCHEDULE table with columns for TAG, MANUFACTURER & MODEL NO., AIR DELIVERY CFM, MAX. O.A. CFM, ESP IN. W.C., GAS TYPE, GAS MANIFOLD TYPE, REACTIVATION DIRECT FIRED HEATER INPUT, POST COOL COIL CAP., POST COOL FLUID, POST COOLING COIL PERFORMANCE, SUPPLY FAN HP, REACTIVATION FAN HP, VOLTS, PHASE, HZ, FLA, MCA, MOCP, REMARKS.

OUTDOOR FOUR PIPE CHILLED / HOT WATER AIR HANDLING UNIT SCHEDULE table with columns for SYMBOL, LOCATION, CFM, O.A. CFM, E.S.P. (IN W.C.), COOLING PERFORMANCE (TONS, SENSIBLE MBH, TOTAL MBH, EGT, LGT), FLUID, FLUID FLOW GPM, FLUID PSI DROP FT. WG, HEATING PERFORMANCE (EGT, LGT, TOTAL HTG (MBH)), FLUID, FLUID FLOW GPM, FLUID PSI DROP FT. WG, ELECTRICAL (V, PHASE, MCA), CARRIER MODEL # (BASIS OF DESIGN), REMARKS.

GENERAL HVAC NOTES:

- 1. ALL HOT WATER AND CHILLED WATER PIPING TO BE INSULATED W/ 1-1/2" FIBERGLASS INSULATION W/ ASJ.
2. ALL DUCTWORK MUST BE INSTALLED PER SMACNA LOW PRESSURE.
3. ALL SUPPLY, RETURN & O.A. DUCT WORK TO BE INSULATED WITH 1-1/2" FSK WRAP.
4. ALL MECHANICAL EQUIPMENT TO BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.



DIFFUSER / REGISTER SCHEDULE table with columns for SYMBOL, MANUFACTURER, MODEL NO., SIZE, CONN. SIZE, PATTERN, MAX CFM, REMARKS.

RETURN / EXHAUST GRILLE SCHEDULE table with columns for SYMBOL, MANUFACTURER, MODEL NO., SIZE, MAX CFM, REMARKS.

EXHAUST FAN SCHEDULE table with columns for TAG NO., MANUFACTURER MODEL, SERVICE, TYPE, FAN DATA (CFM, TSP (Wg), RPM, BHP, AMCA CLASS, DRIVE), MOTOR DATA (TYPE, AMPS, VOLT, PH), REMARKS.

HVAC PUMP SCHEDULE table with columns for TAG NO., SERVICE, MAKE & MODEL, TYPE, PERFORMANCE DATA (GPM, HEAD FT., RPM, HP, FLUID, V/PH/HZ).

NAT. GAS FIRED FURNACE SCHEDULE table with columns for UNIT#, SUPPLY, O.A., MODEL, PROPANE MBH (INPUT, OUTPUT), SUPPLY FAN (HP, ESP), ELECTRIC (POWER).

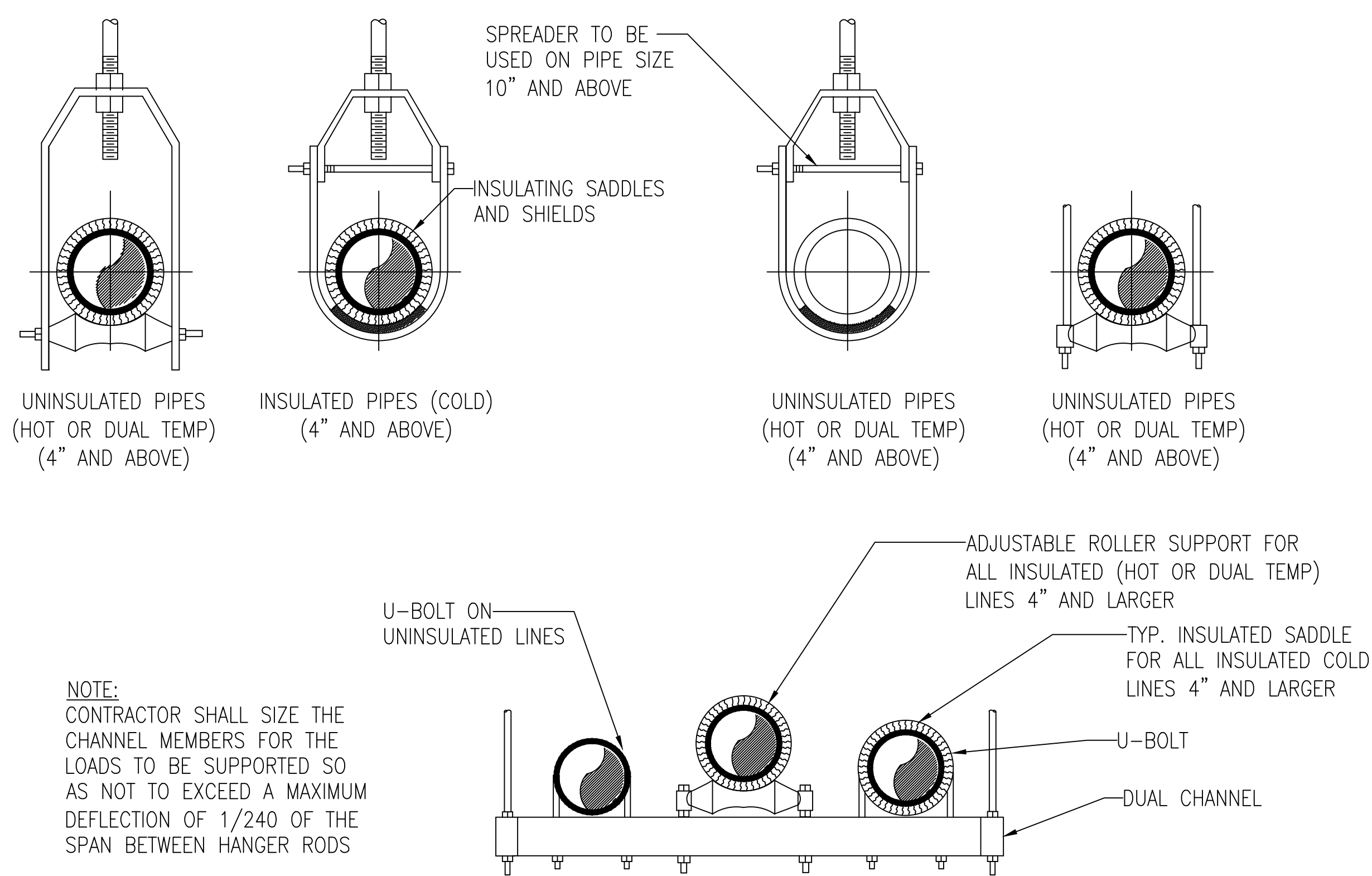
ELECTRIC HEATER SCHEDULE table with columns for UNIT#, MAKE & MODEL, TYPE, ELECTRICAL DATA (V/PH, AMPS, KW), HEATING DATA (BTUH), ACCESSORIES.

BOILER SCHEDULE table with columns for TAG NO., MAKE & MODEL, SERVICE, TYPE, PERFORMANCE DATA (INPUT MBH, OUTPUT MBH, FUEL, EWT (F), LWT (F), ASME WP, GPM, FLUID), ACCESSORIES & COMMENTS.

AIR-COOLED CONDENSING UNIT SCHEDULE table with columns for TAG NO., BASIS OF SELECTION, SERVICE, PERFORMANCE (REF. TSP, IC AMB (F), QTY, RLA (EACH), LRA (EACH), V/PH, MCA, MAX FUSE, HOT GAS BYPASS, REF. TYPE, OPER. WT. (LBS.), FAN FLA (EACH), AMB (F)), CONDENSER (FAN FLA (EACH), AMB (F)), REMARKS.

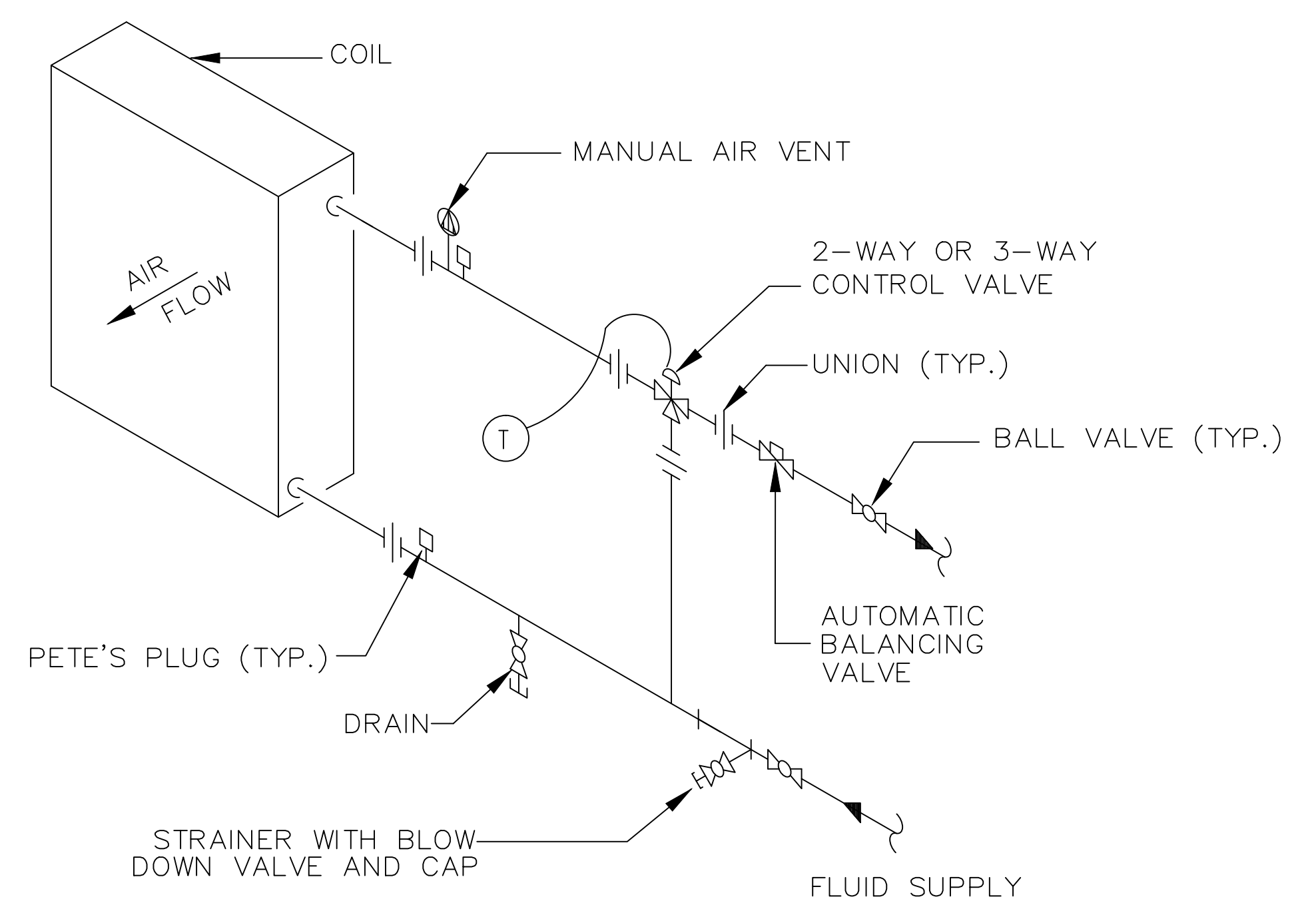
HOT WATER UNIT HEATER SCHEDULE table with columns for TAG NO., MAKE & MODEL, TYPE, FAN DATA (CFM, ESP), MOTOR DATA (TYPE, HP, V/PH), HEATING DATA (EWT (F), LWT (F), GPM, HC (MBH), FLUID), ACCESSORIES.

GENERAL NOTES:

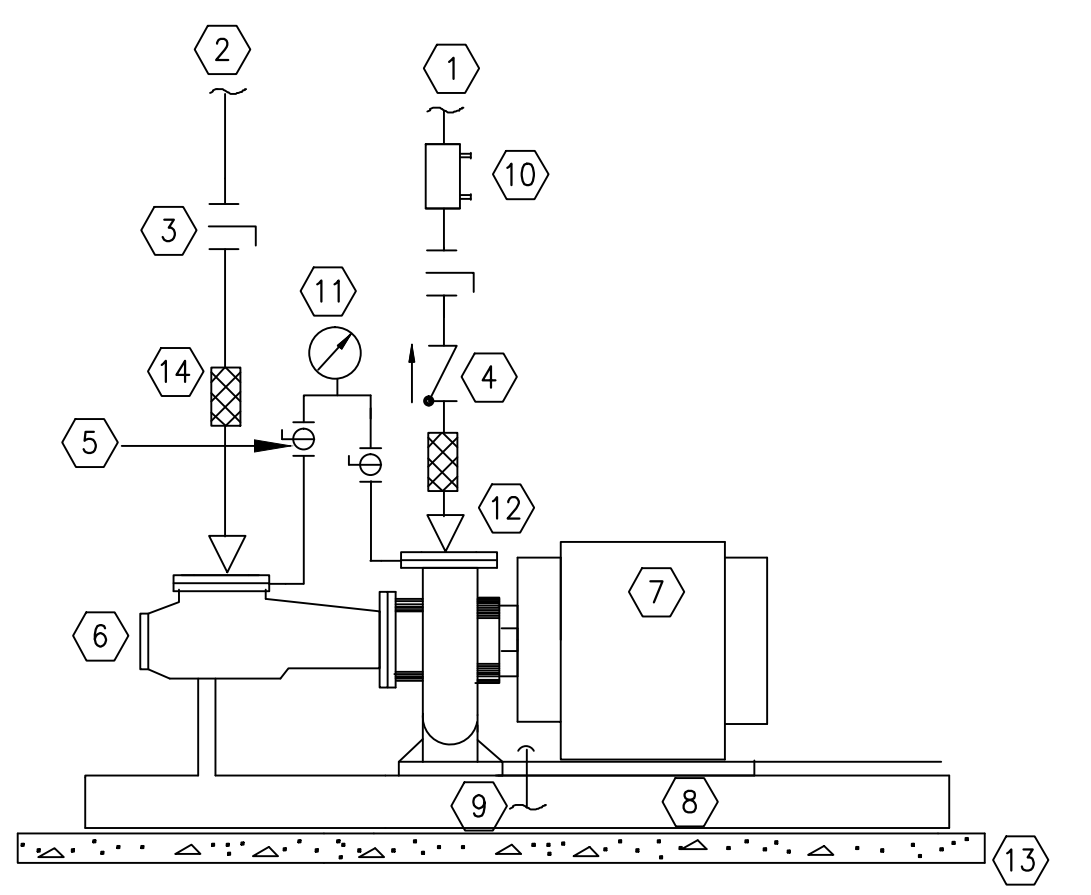


NOTE:  
 CONTRACTOR SHALL SIZE THE  
 CHANNEL MEMBERS FOR THE  
 LOADS TO BE SUPPORTED SO  
 AS NOT TO EXCEED A MAXIMUM  
 DEFLECTION OF 1/240 OF THE  
 SPAN BETWEEN HANGER RODS

1 PIPE SUPPORT AND HANGER DETAIL



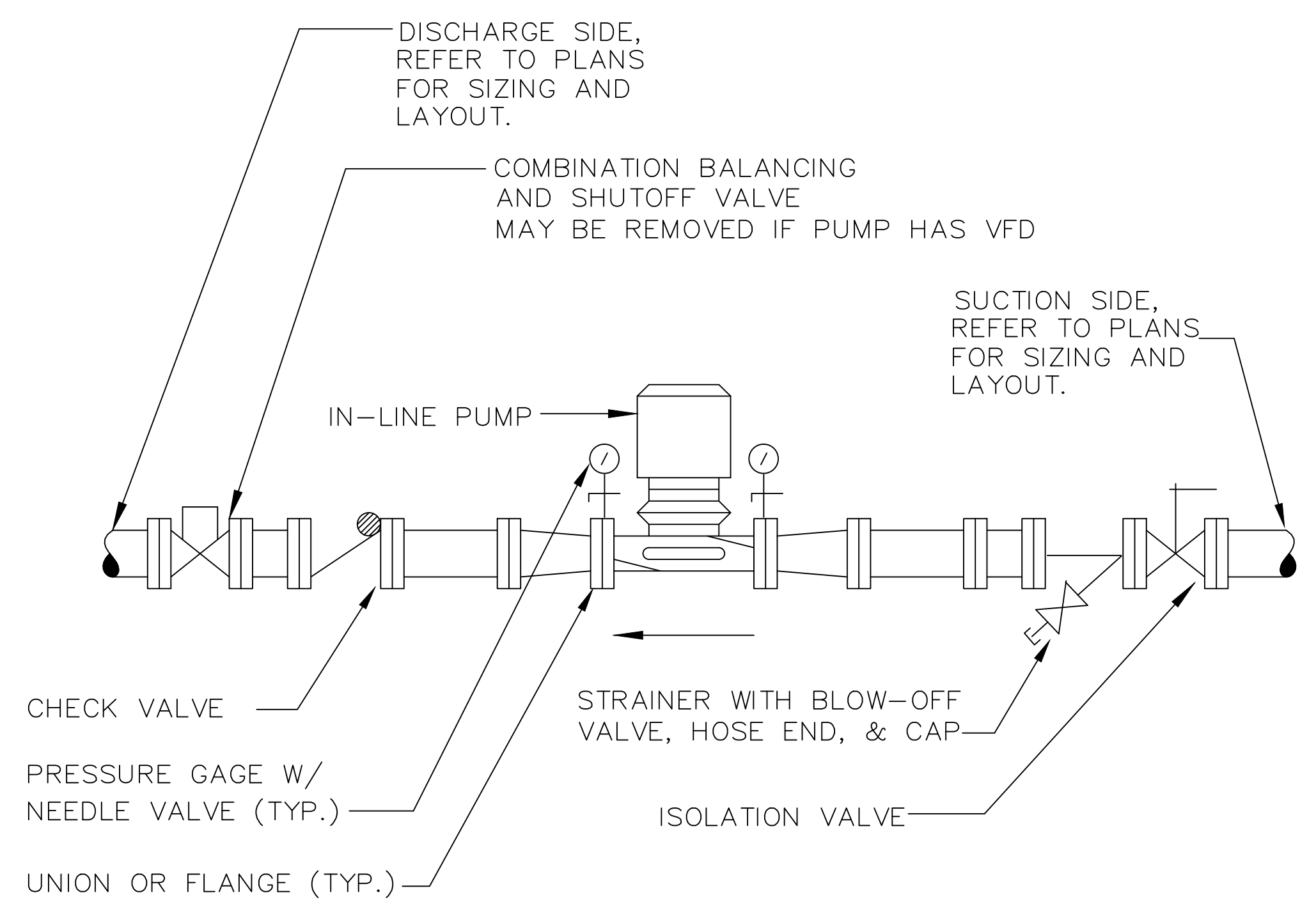
2 COIL PIPING DETAIL



- ① PUMP DISCHARGE PIPING
- ② PUMP SUCTION PIPING
- ③ SHUT-OFF VALVE (TYPICAL)
- ④ CHECK VALVE
- ⑤ SHUT-OFF COCK (TYPICAL)
- ⑥ SUCTION DIFFUSER
- ⑦ END SUCTION CLOSE COUPLED PUMP
- ⑧ PUMP BASE
- ⑨ 3/4" DRAIN RUN TO FLOOR DRAIN
- ⑩ VENTURI TYPE FLOW METER, ONLY ONE COMMON METER NEEDED FOR DUAL PUMP SETS.
- ⑪ PRESSURE GAUGE
- ⑫ CONCENTRIC INCREASER (TYPICAL)
- ⑬ HOUSEKEEPING PAD
- ⑭ FLEX CONNECTOR (TYPICAL-SEE NOTE 1)

NOTES:  
 1. FLANGED FLEXIBLE METAL HOSE CONNECTOR FLEXIBLE SHALL BE LOCATED IN CLOSE PROXIMITY TO VIBRATING SOURCE. ALL OTHER COUPLINGS SHALL BE RIGID S/07.

3 CLOSE COUPLED BASE MOUNT PUMP DETAIL



4 INLINE PUMP DETAIL

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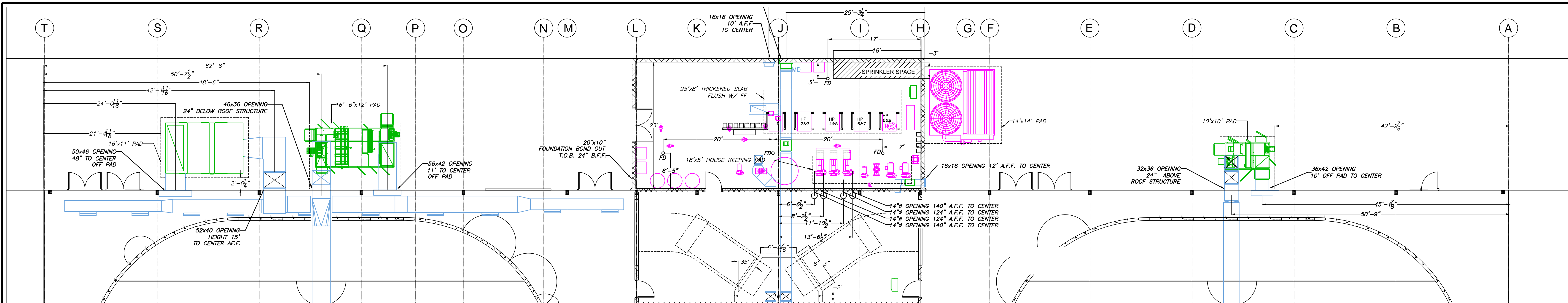
Project Status: PERMIT PLANS	PRELIMINARY PLANS Not for Construction
Project Number: FAC0912	

Lewiston / Auburn Area  
 Ice Arena  
 Turner Street  
 Auburn, Maine

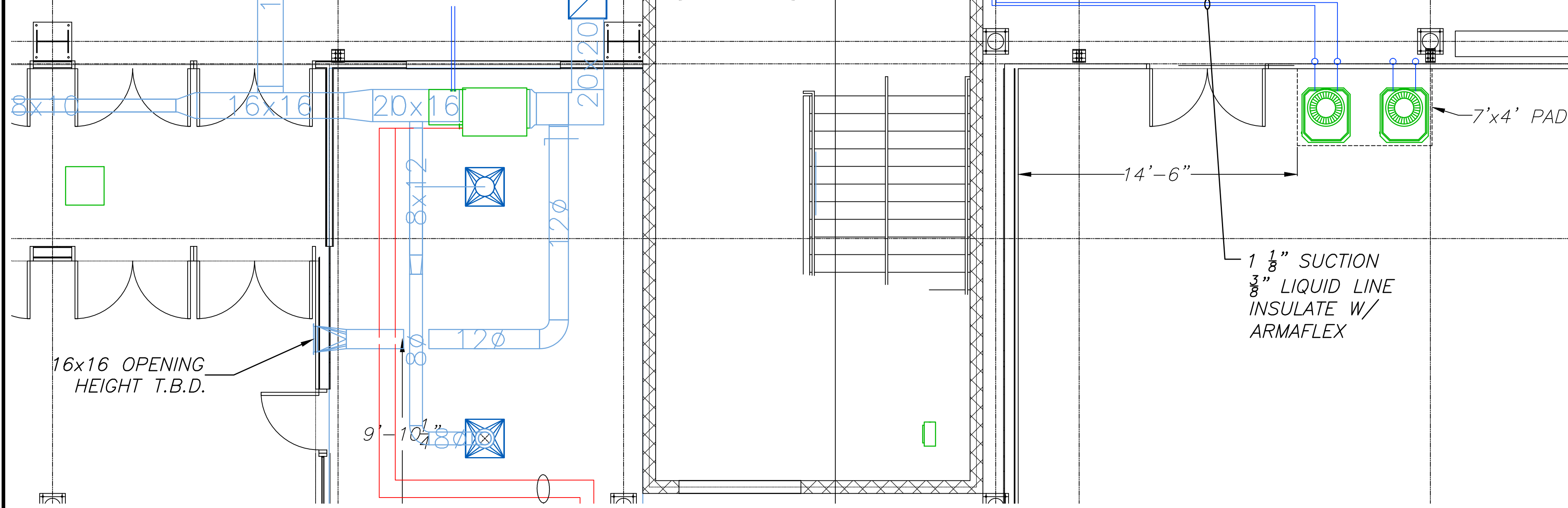
Drawing Name:  
 HVAC DETAILS

Scale: NONE	SHEET <b>M-6</b>
Date: 04/22/13	

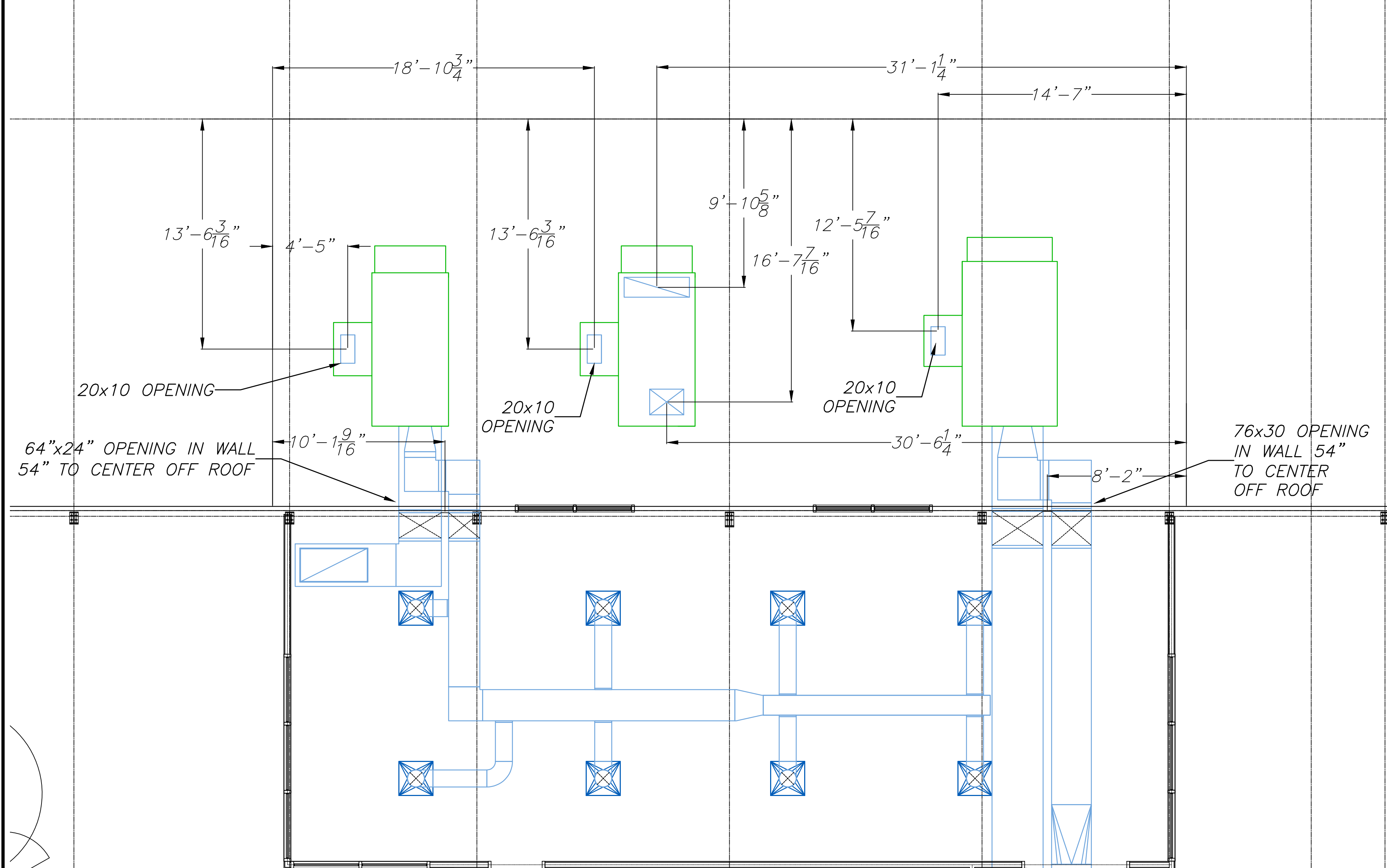
GENERAL NOTES:



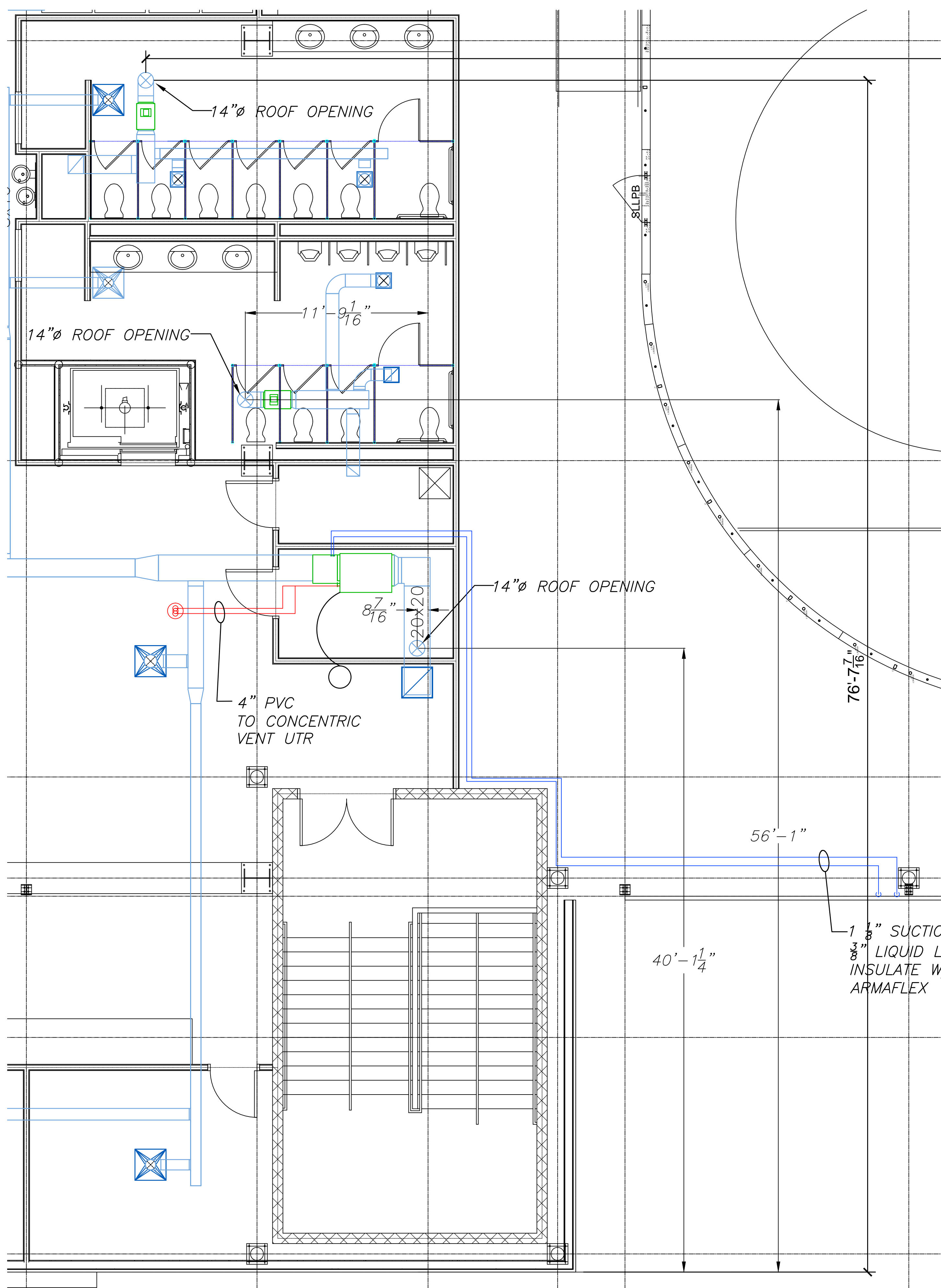
FIRST FLOOR REAR OF BUILDING HVAC OPENINGS  
 SCALE: 1/8"=1'-0"



FIRST FLOOR FRONT OF BUILDING HVAC OPENINGS  
 SCALE: 1/4"=1'-0"



MEZZANINE REAR OF BUILDING HVAC OPENINGS  
 SCALE: 1/4"=1'-0"



MEZZANINE FRONT OF BUILDING HVAC OPENINGS  
 SCALE: 1/4"=1'-0"

PREFERRED CONTRACTORS, INC.  
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REVISIONS:



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Project Status:  
 PERMIT PLANS  
 Project Number:  
 FAC0912

PRELIMINARY PLANS  
 Not for Construction

Lewiston / Auburn Area  
 Ice Arena  
 Turner Street  
 Auburn, Maine

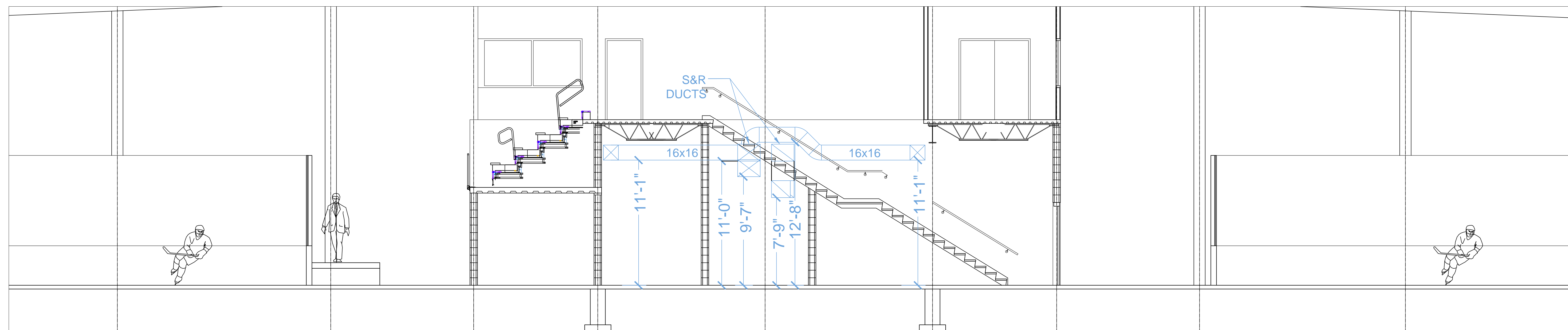
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 HVAC BUILDING OPENINGS

Scale:  
 AS NOTED

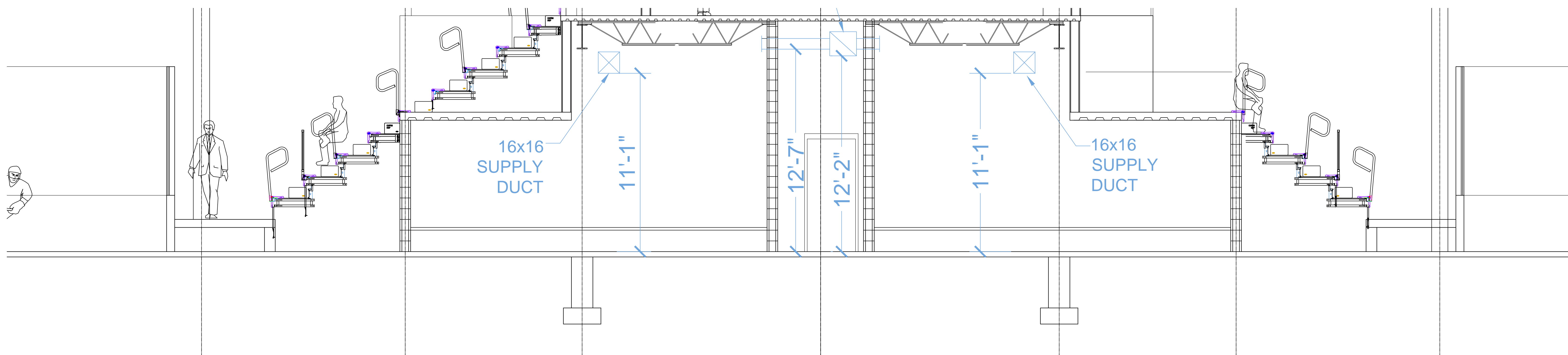
Date:  
 05/15/13

SHEET  
**M-7**

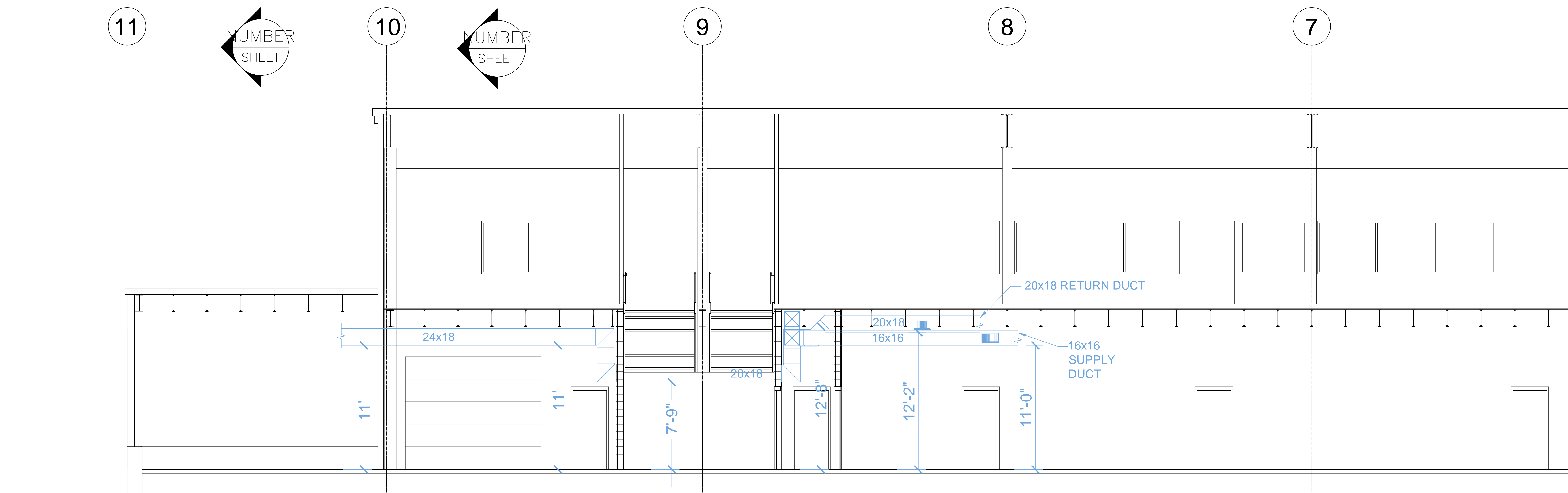
GENERAL NOTES:



DUCTWORK ELEVATION - CROSS SECTION AT STAIRS  
 SCALE: 1/4"=1'-0"



DUCTWORK ELEVATION - CROSS SECTION AT CORRIDOR  
 SCALE: 1/4"=1'-0"



DUCTWORK ELEVATION - CROSS SECTION AT LOCKER ROOMS  
 SCALE: 1/4"=1'-0"

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REVISIONS:



5 FUNDY ROAD  
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 Fax: 207-699-5564  
 Online @ foresidearchitects.com

Project Status:  
 PERMIT PLANS

PRELIMINARY  
 PLANS  
 Not for  
 Construction

Project Number:  
 FAC0912

Lewiston / Auburn Area  
 Ice Arena  
 Turner Street  
 Auburn, Maine

Drawing Name:  
 HVAC DUCT ELEVATIONS

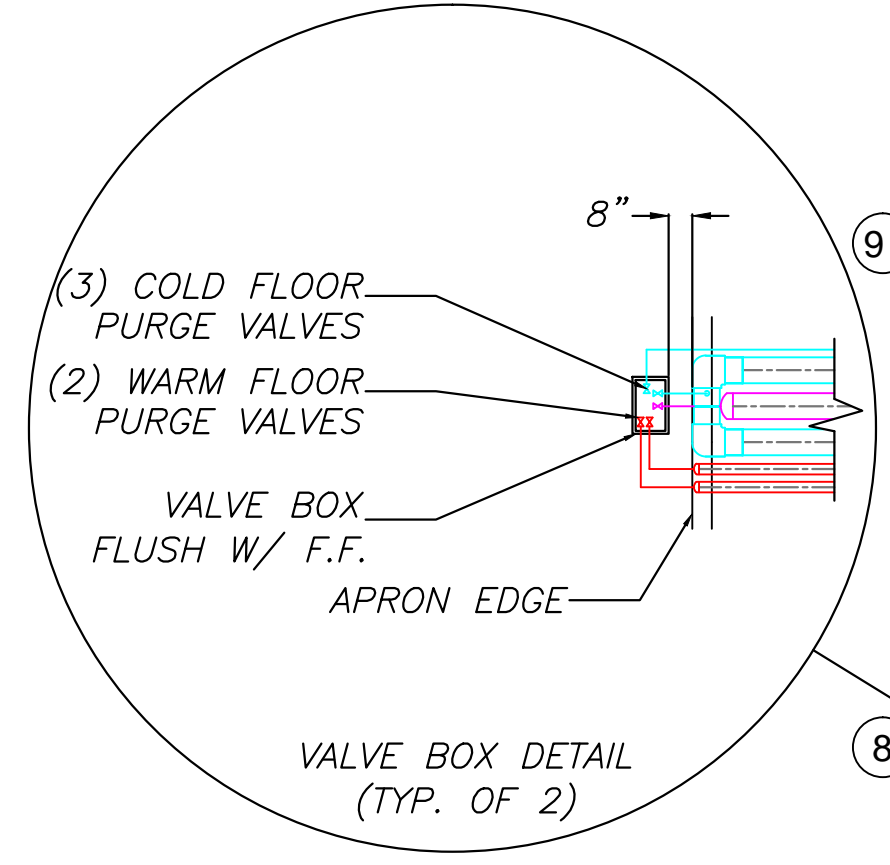
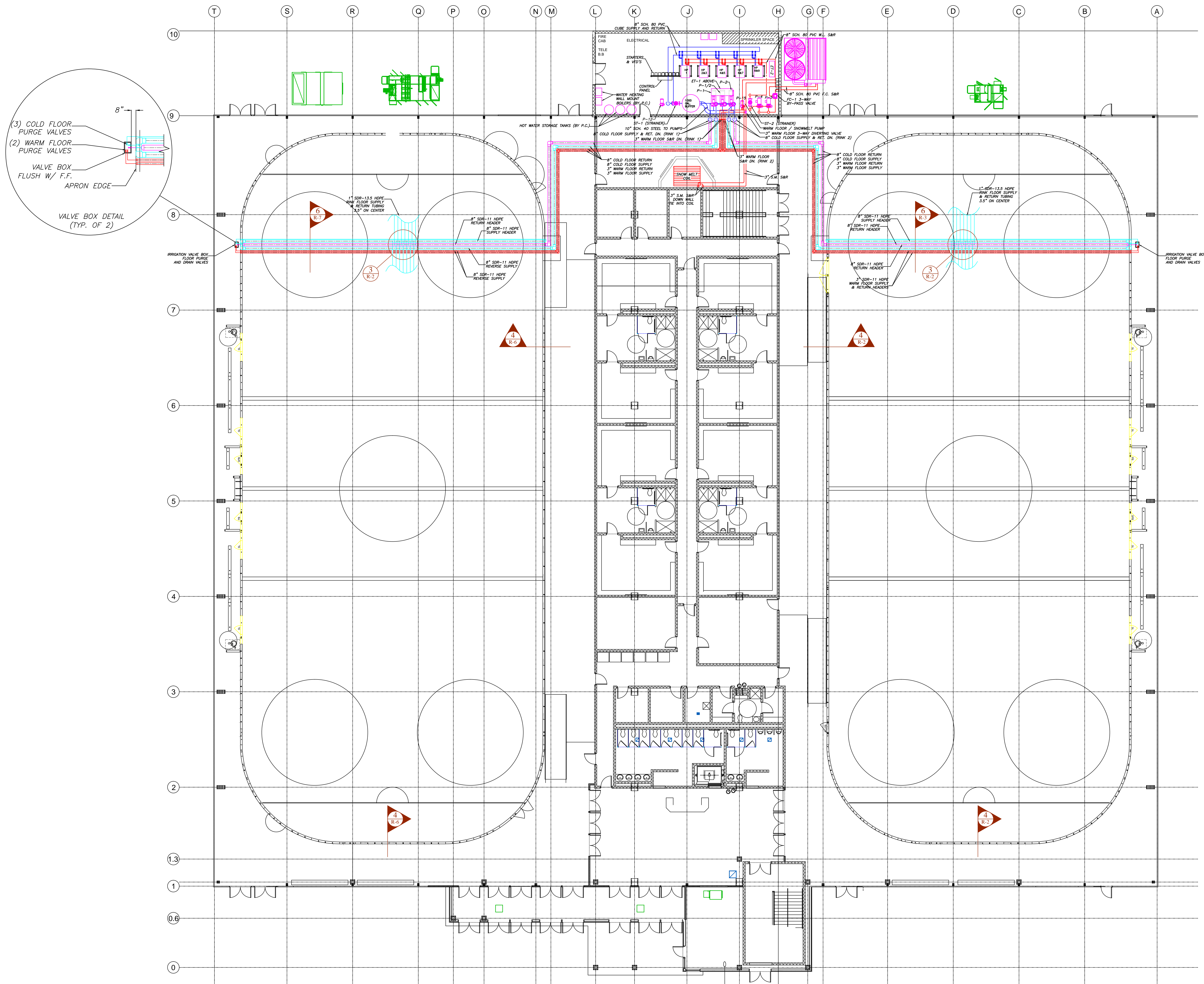
Scale:  
 AS NOTED

SHEET

Date:  
 05/15/13

M-8

GENERAL NOTES:



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Project Number:  
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 Turner Street  
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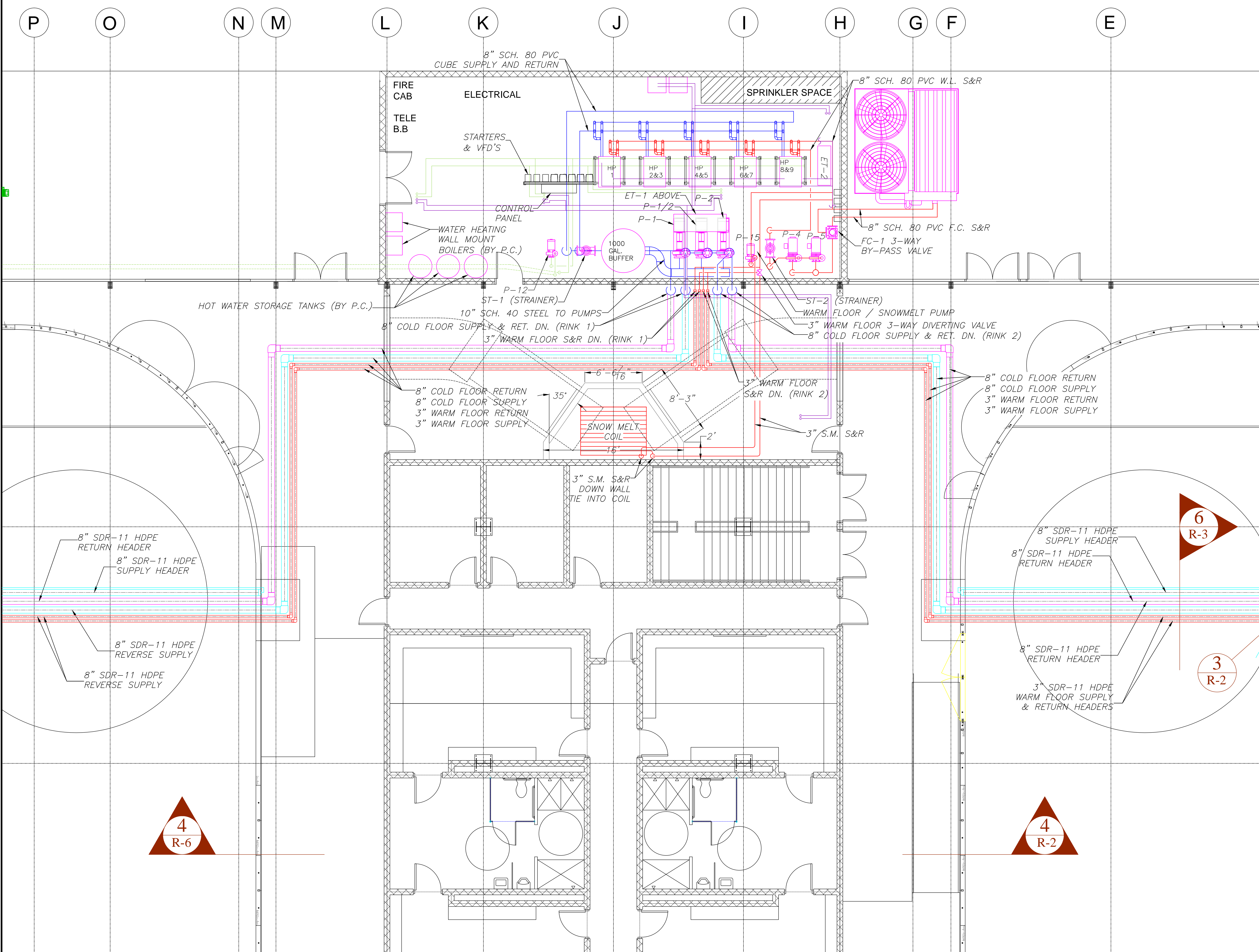
Drawing Name:  
 Rink Refrigeration Plan

Scale:  
 3/32"=1'-0"

Date:  
 05/15/13

SHEET  
**R-1**

GENERAL NOTES:



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Project Status:  
**PERMIT PLANS**

Project Number:  
 FAC0912

**PRELIMINARY PLANS**  
 Not for Construction

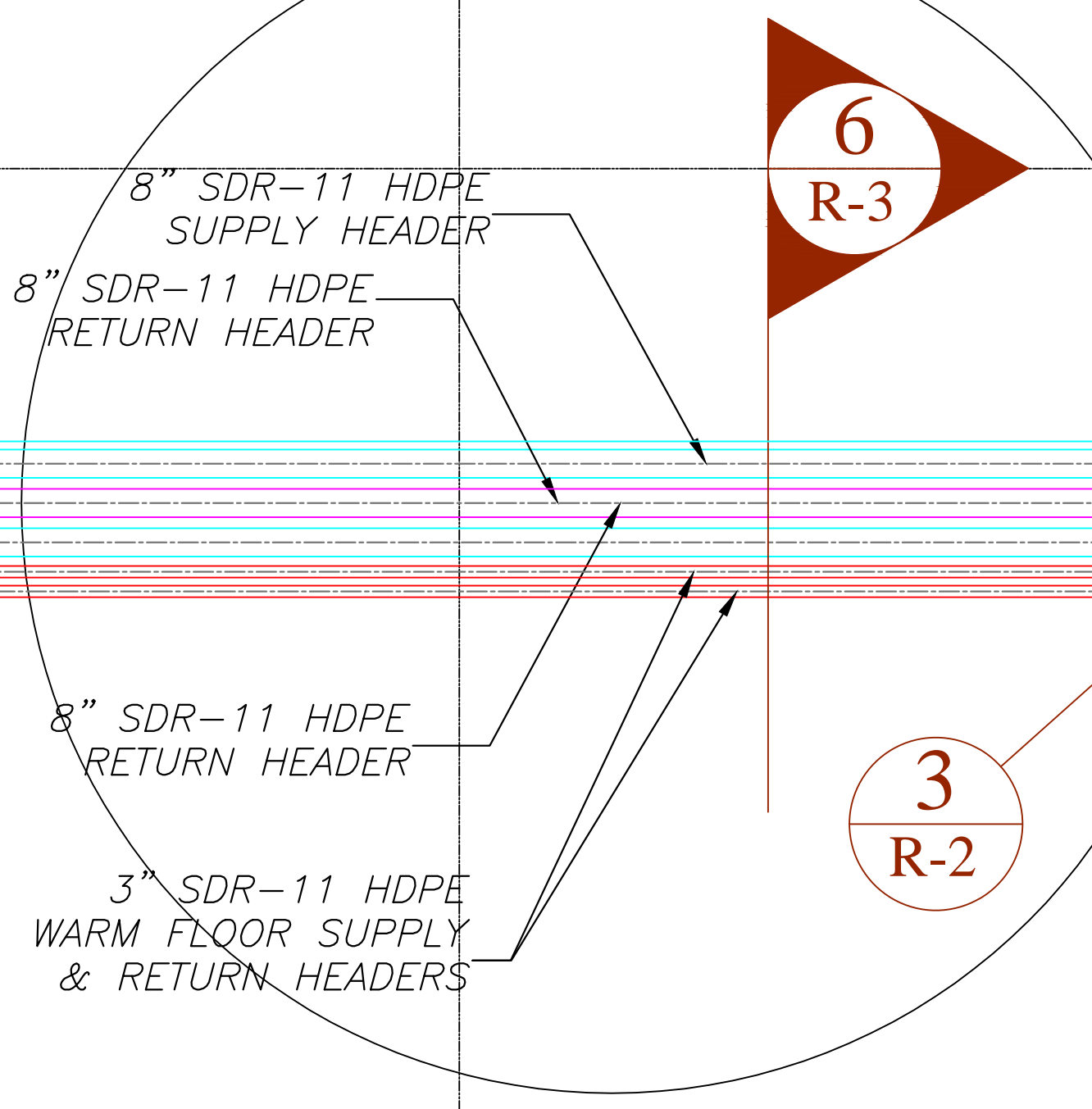
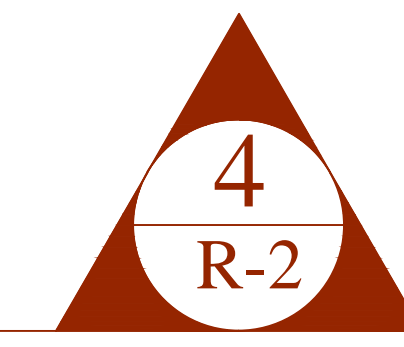
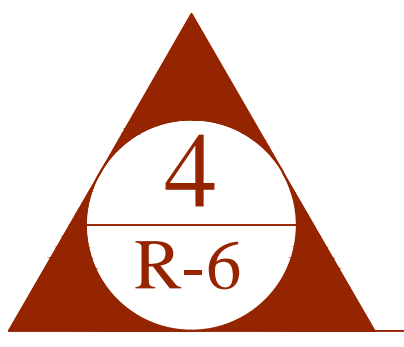
Lewiston / Auburn Area  
 Ice Arena  
 Turner Street  
 Auburn, Maine

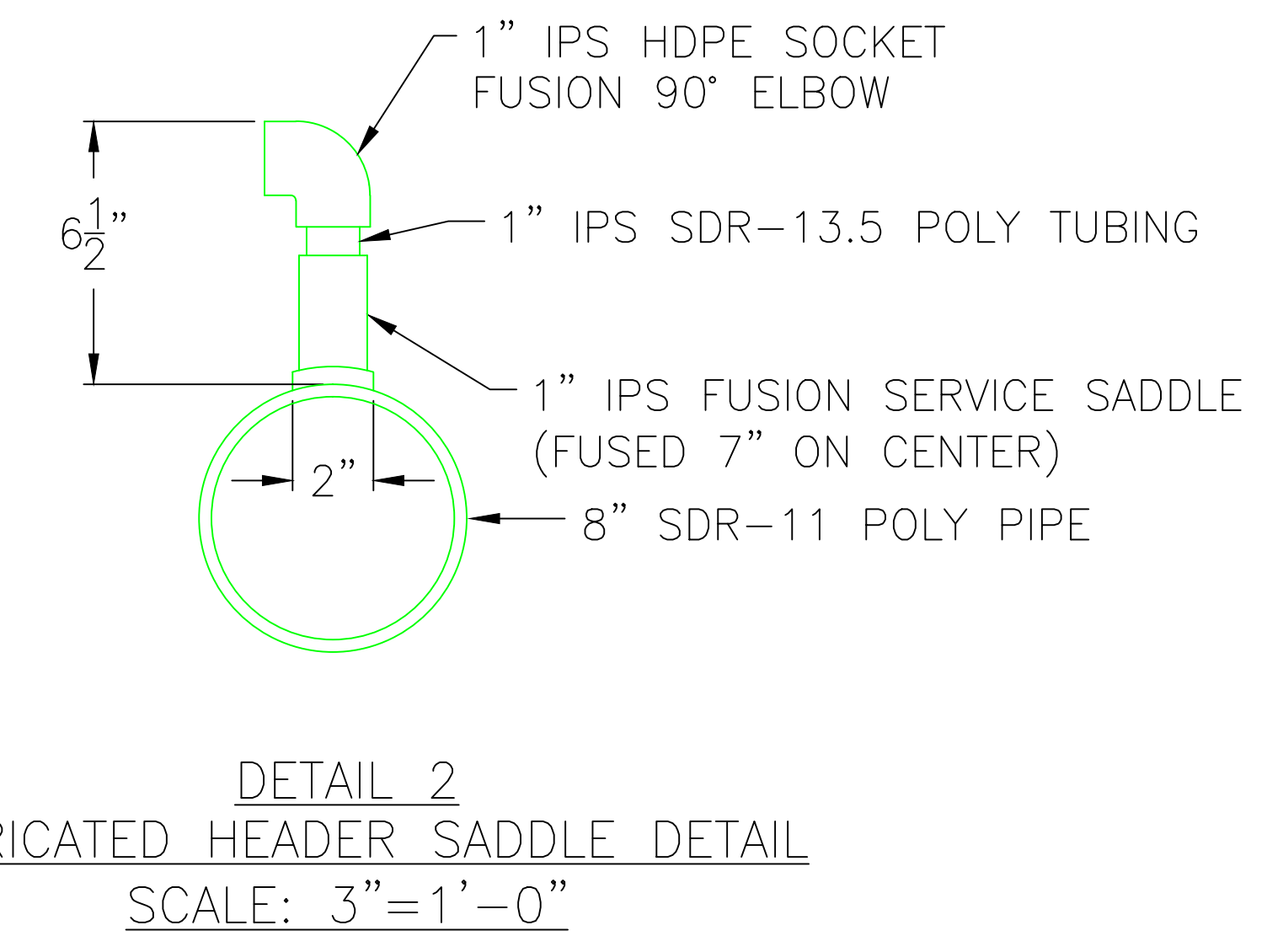
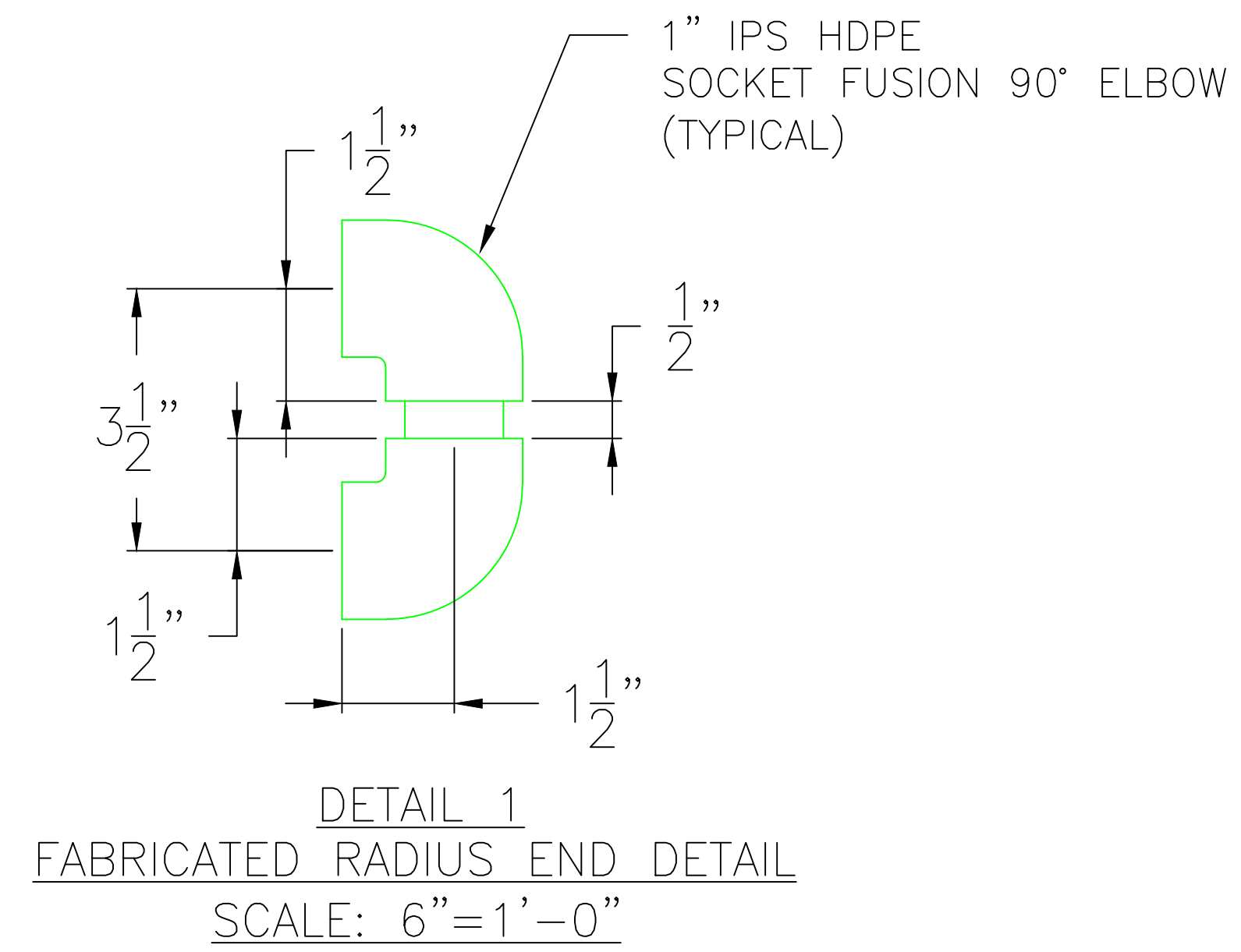
Drawing Name:  
 Enlarged Refrigeration Room Plan

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

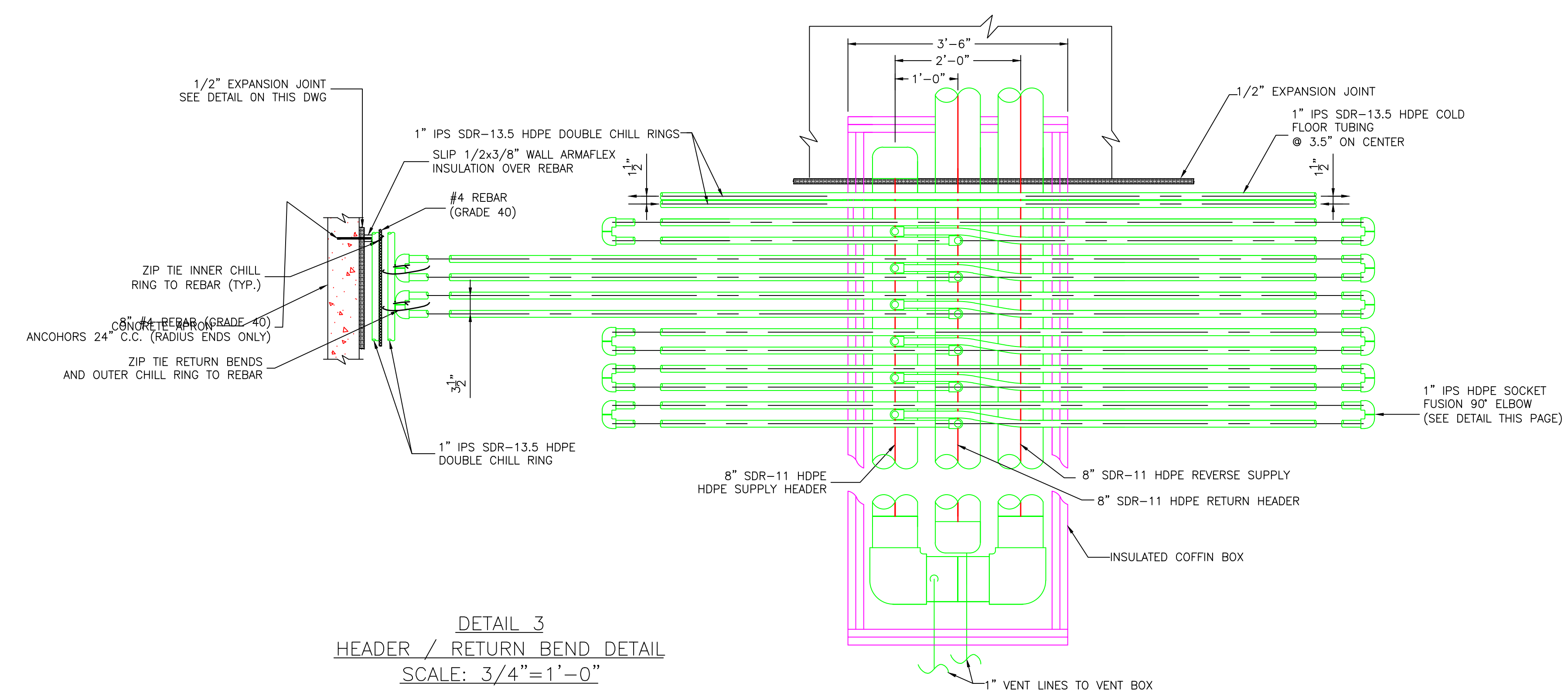
Date:  
 05/15/13

SHEET  
**R-1A**





GENERAL NOTES:



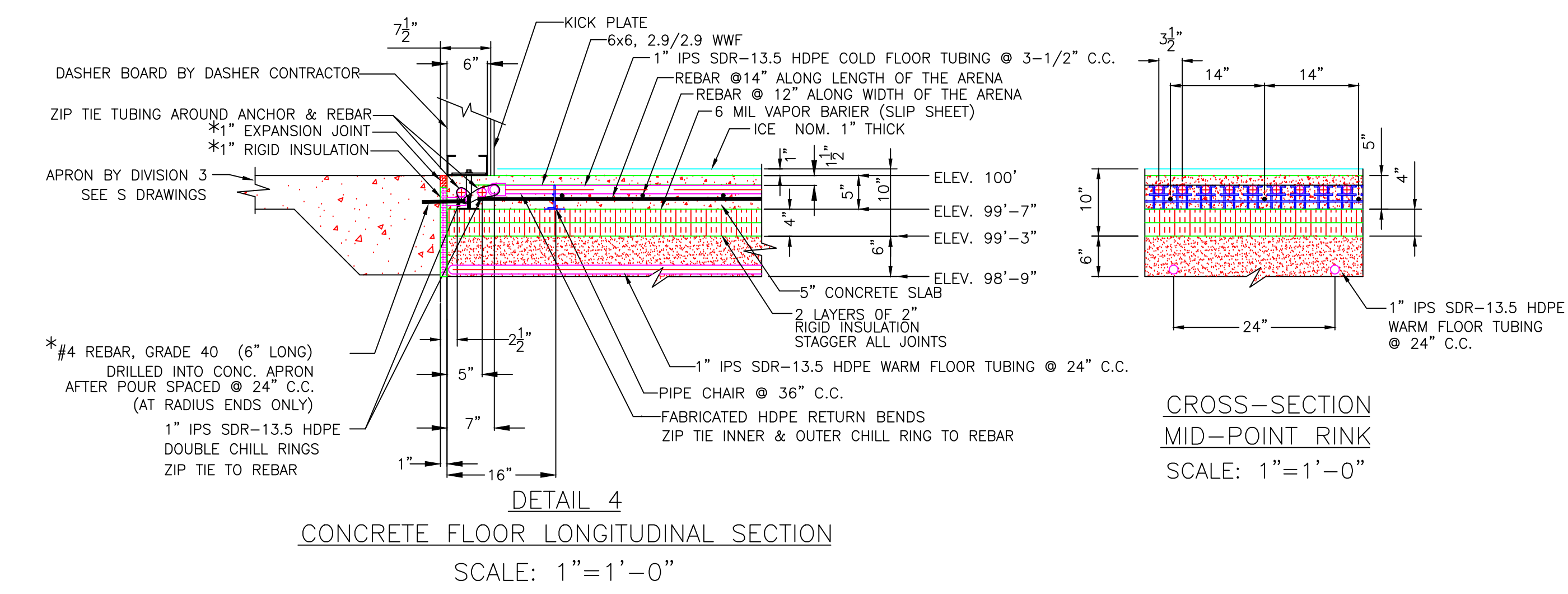
**PREFERRED CONTRACTORS, INC.**  
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REVISIONS:

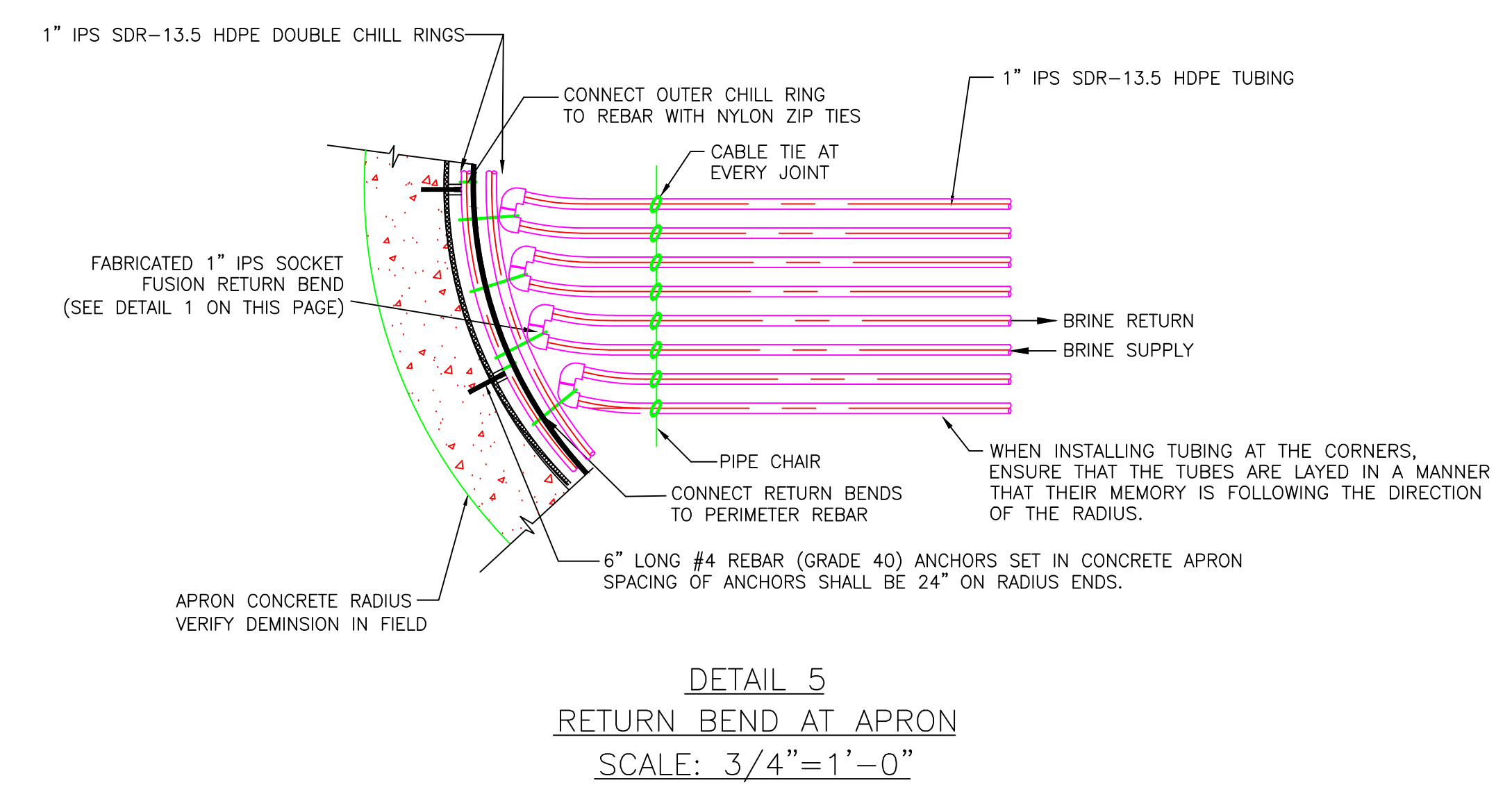
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\* WORK BY DIVISION 13



CROSS-SECTION  
 MID-POINT RINK  
 SCALE: 1"=1'-0"



Project Status:  
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 PLANS

Project Number:  
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 PLANS  
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Lewiston / Auburn Area  
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Drawing Name:  
 RINK 1 - CONCRETE  
 FLOOR DETAILS

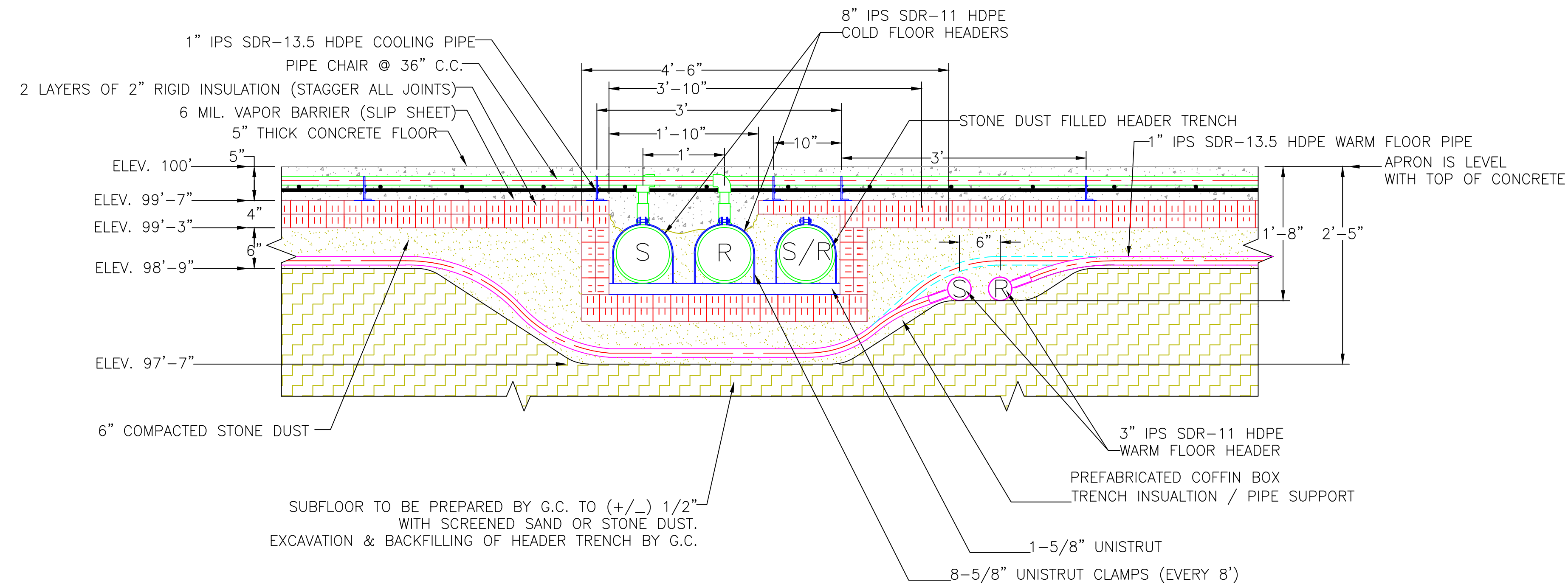
Scale:  
 AS NOTED

SHEET

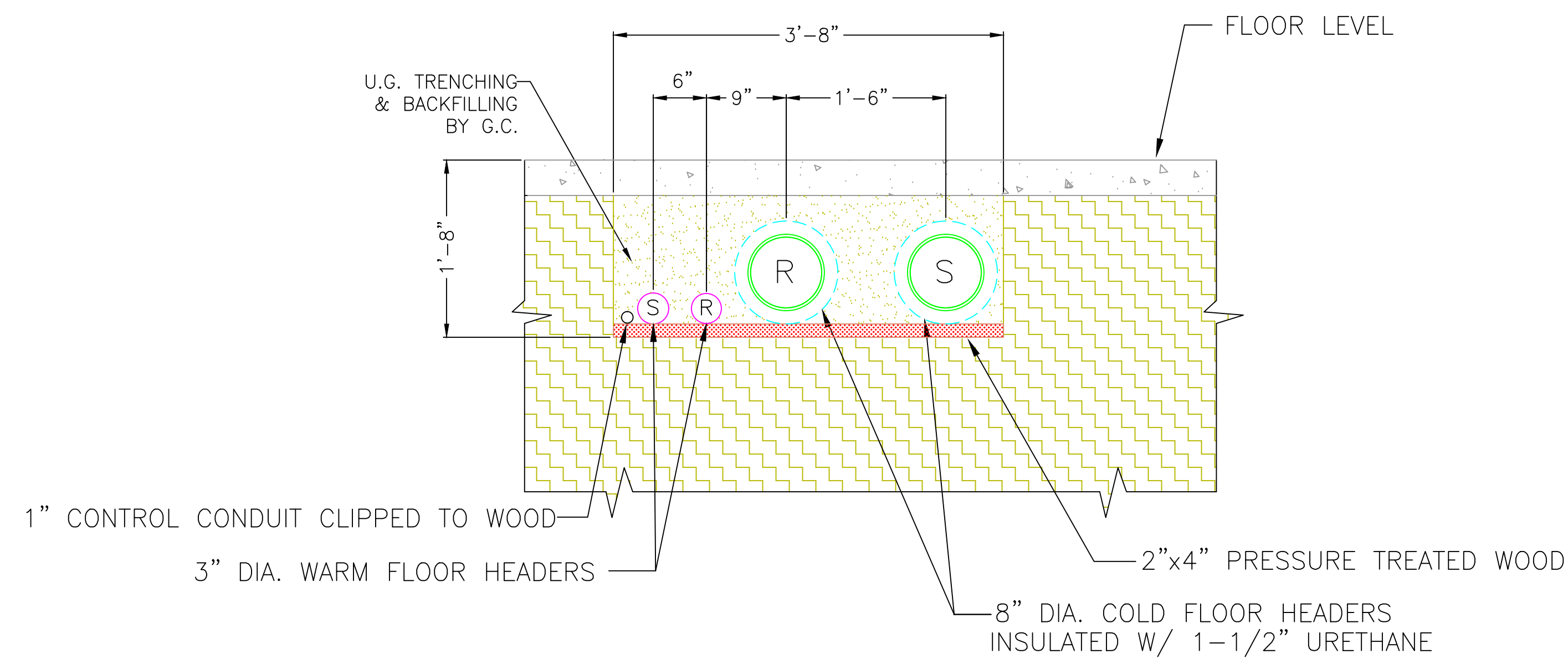
Date:  
 12/20/12

R-2

GENERAL NOTES:



FLOOR DETAIL 6  
 HEADER CROSS SECTION  
 CONCRETE FLOOR



FLOOR DETAIL 7  
 PIPING FROM THE RINK TO THE MECHANICAL ROOM

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Project Status: PERMIT PLANS	PRELIMINARY PLANS Not for Construction
Project Number: FAC0912	

Lewiston / Auburn Area  
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 Turner Street  
 Auburn, Maine

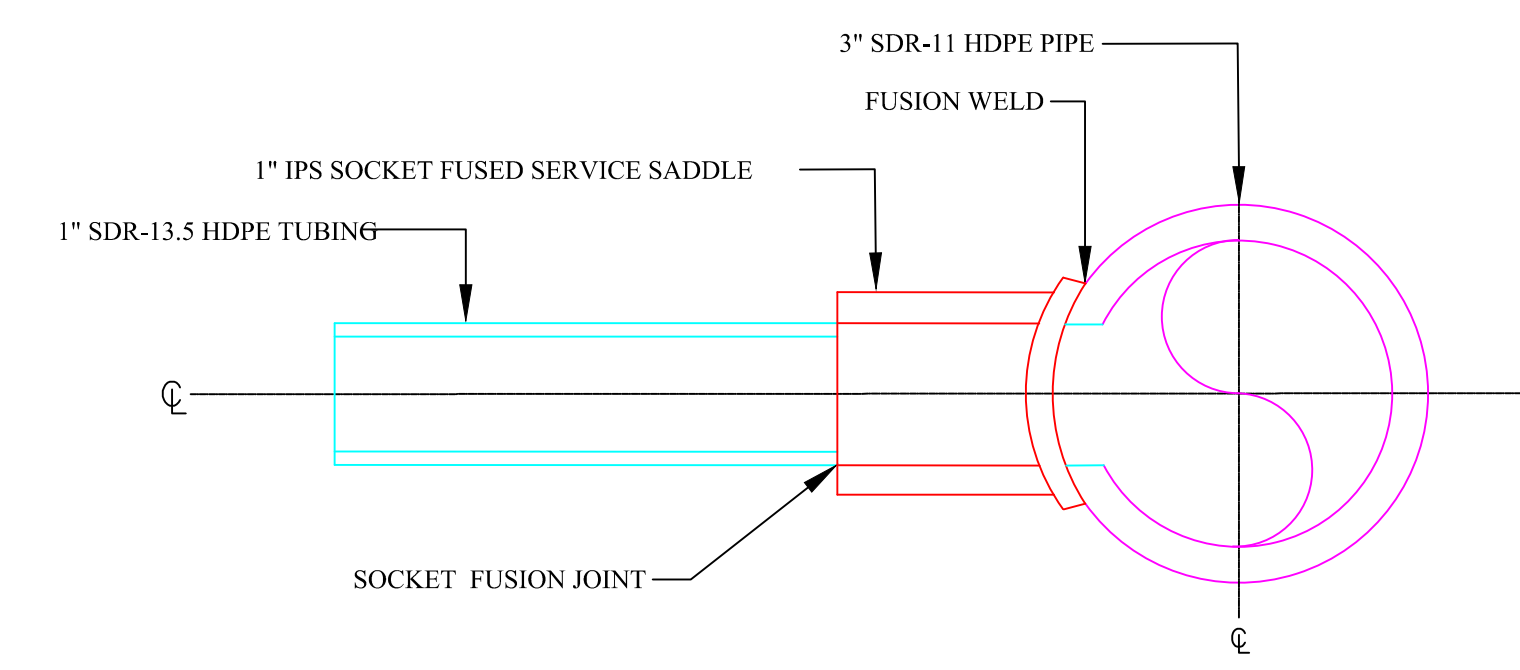
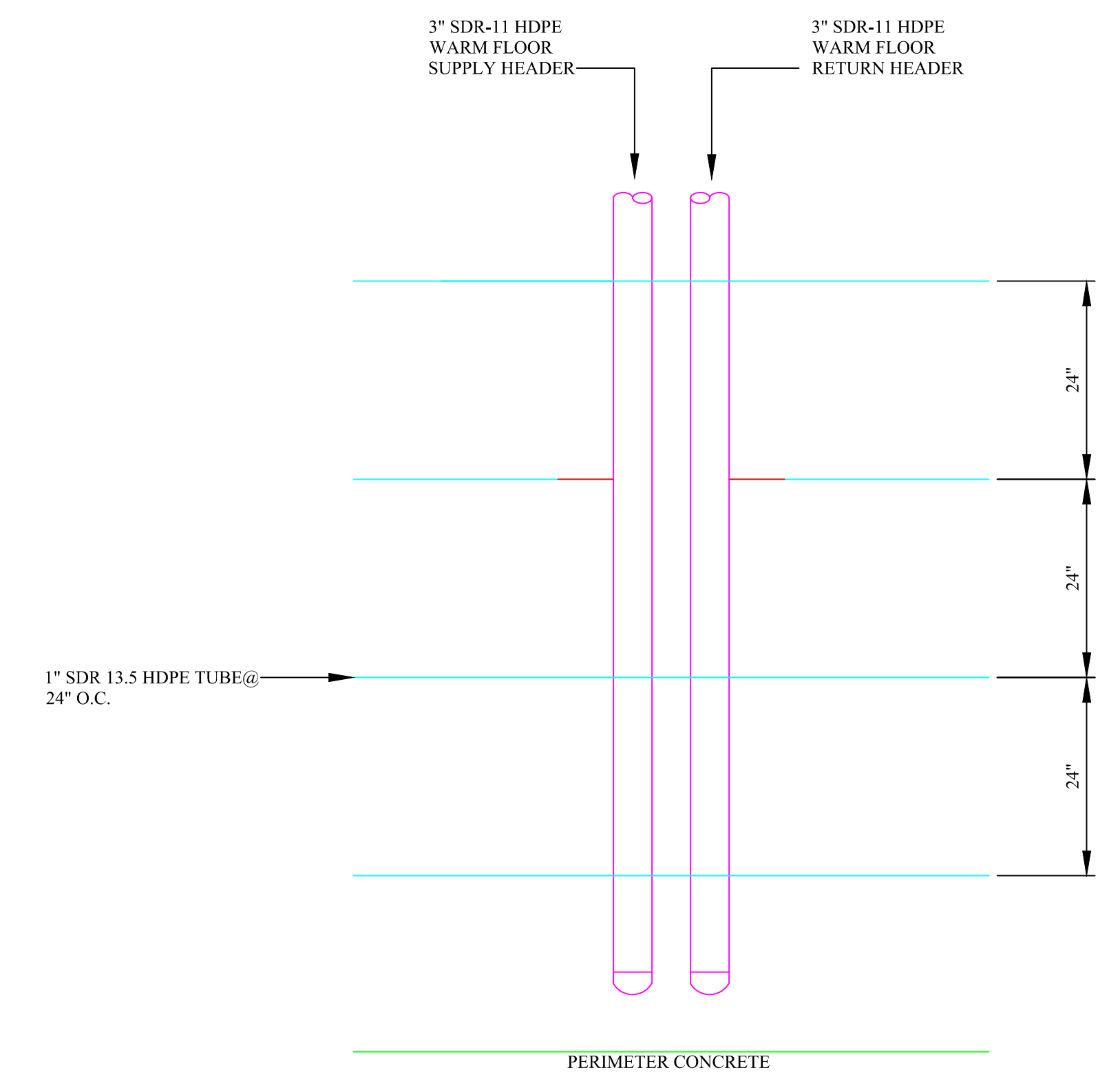
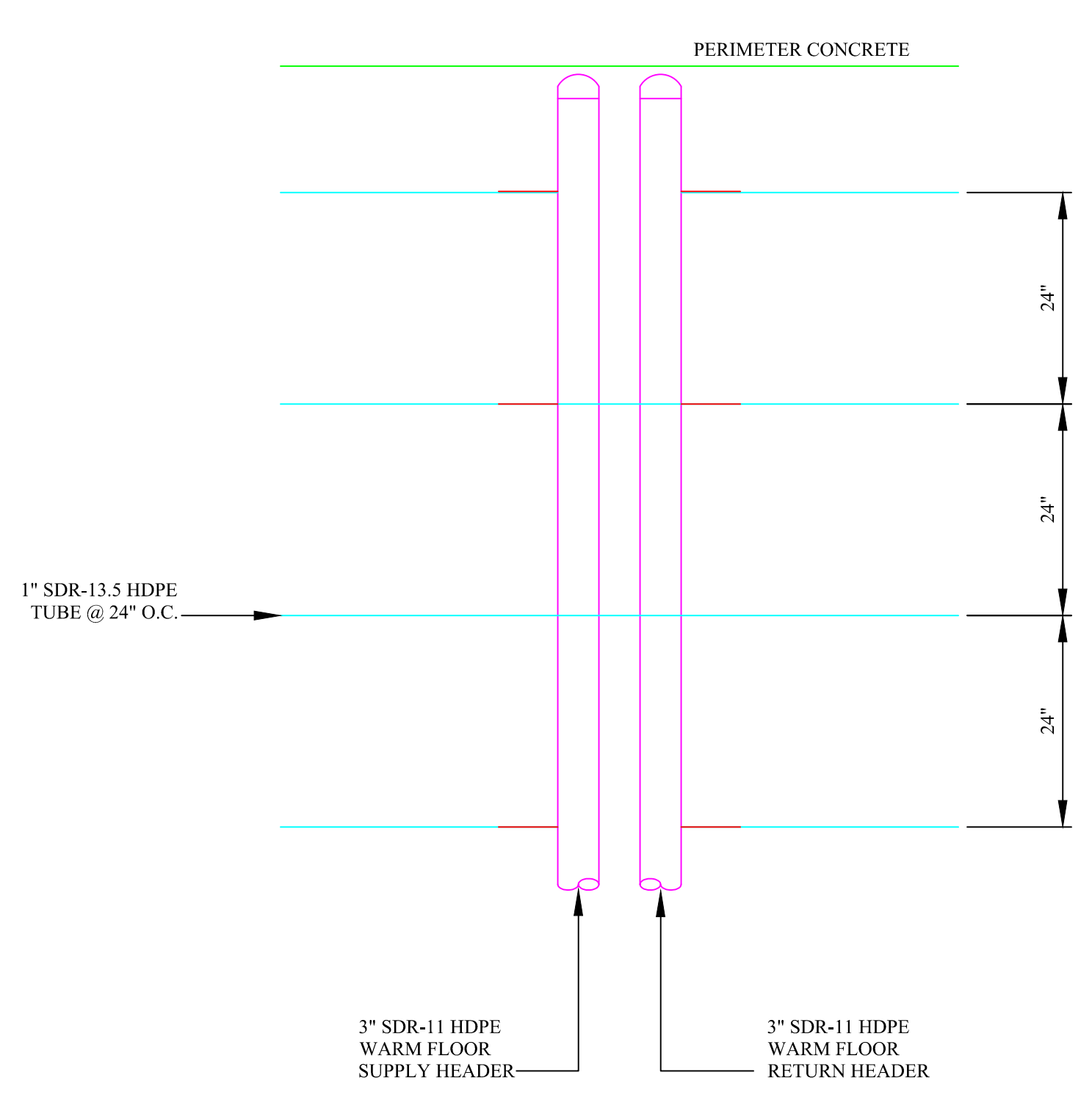
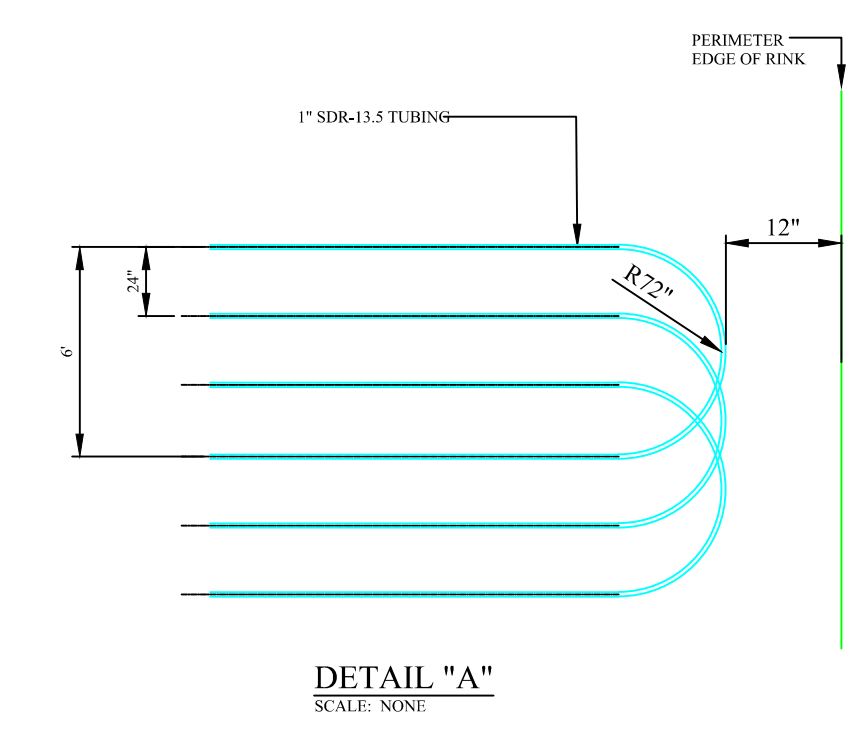
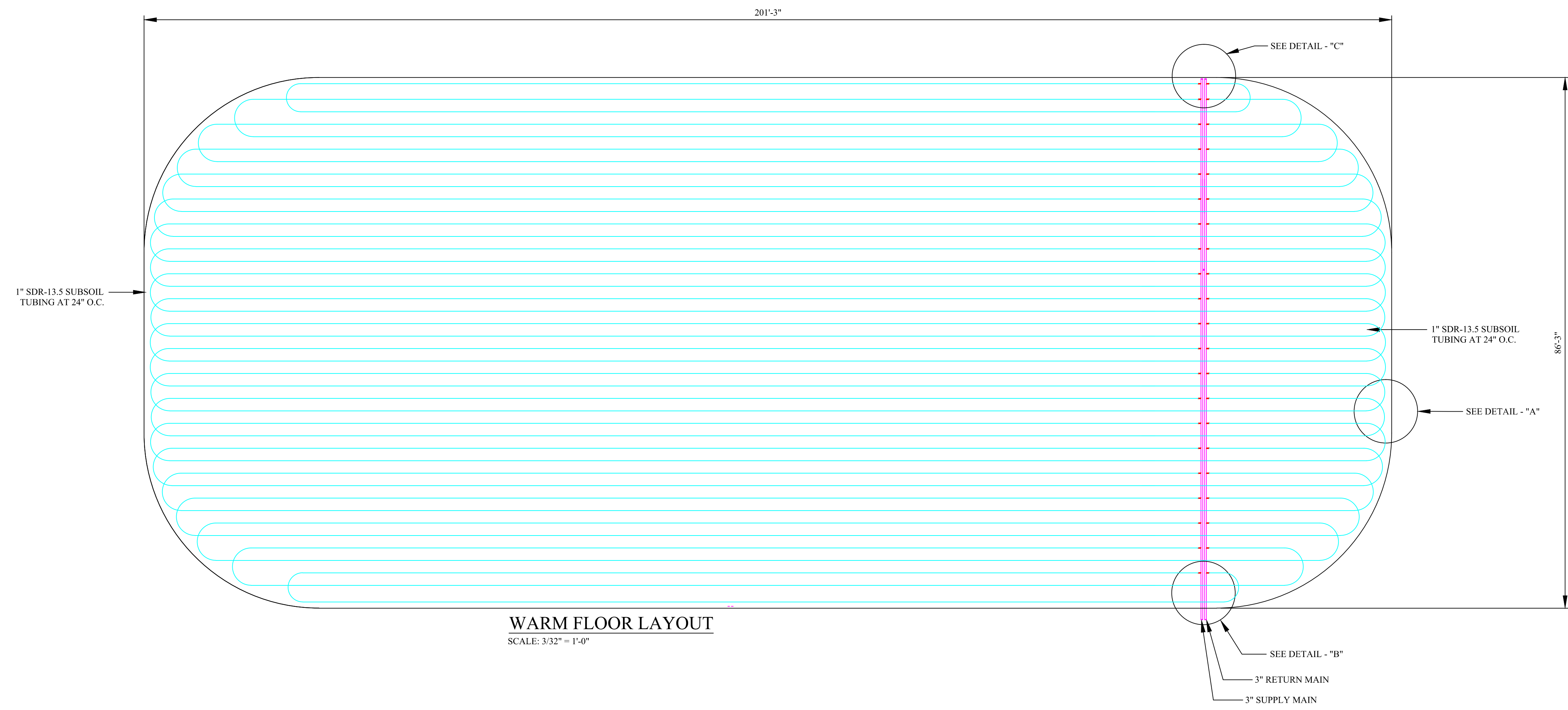
Drawing Name:  
 RINK 1 - CONCRETE FLOOR DETAILS

Scale: 1"=1'-0"	SHEET <b>R-3</b>
Date: 12/20/12	



GENERAL NOTES:

- 1. RINK SIZE - 201'-3" x 86'-3" RADIUS DIMENSIONS FROM APRON TO APRON
- 2. TUBING IS TO BE ONE CONTINUOUS LENGTH FOR EACH LOOP
- 3. TUBING IS TO BE RUN IN THE STONE DUST LAYER UNDER THE INSULATION.
- 4. TUBING IS TO BE 1" SDR-13.5 FUSED ON 46" CENTERS
- 5. HEADERS ARE TO BE 3" SDR-11 HDPE PIPE
- 6. THERE ARE 21 CIRCLES IN THIS SYSTEM GRID
- 7. DISTANCE FROM EDGE OF CONCRETE TO POLY TUBING IS 12"



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Project Status:  
**PERMIT PLANS**

Project Number:  
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**PRELIMINARY PLANS**  
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Lewiston / Auburn Area  
 Ice Arena  
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 Auburn, Maine

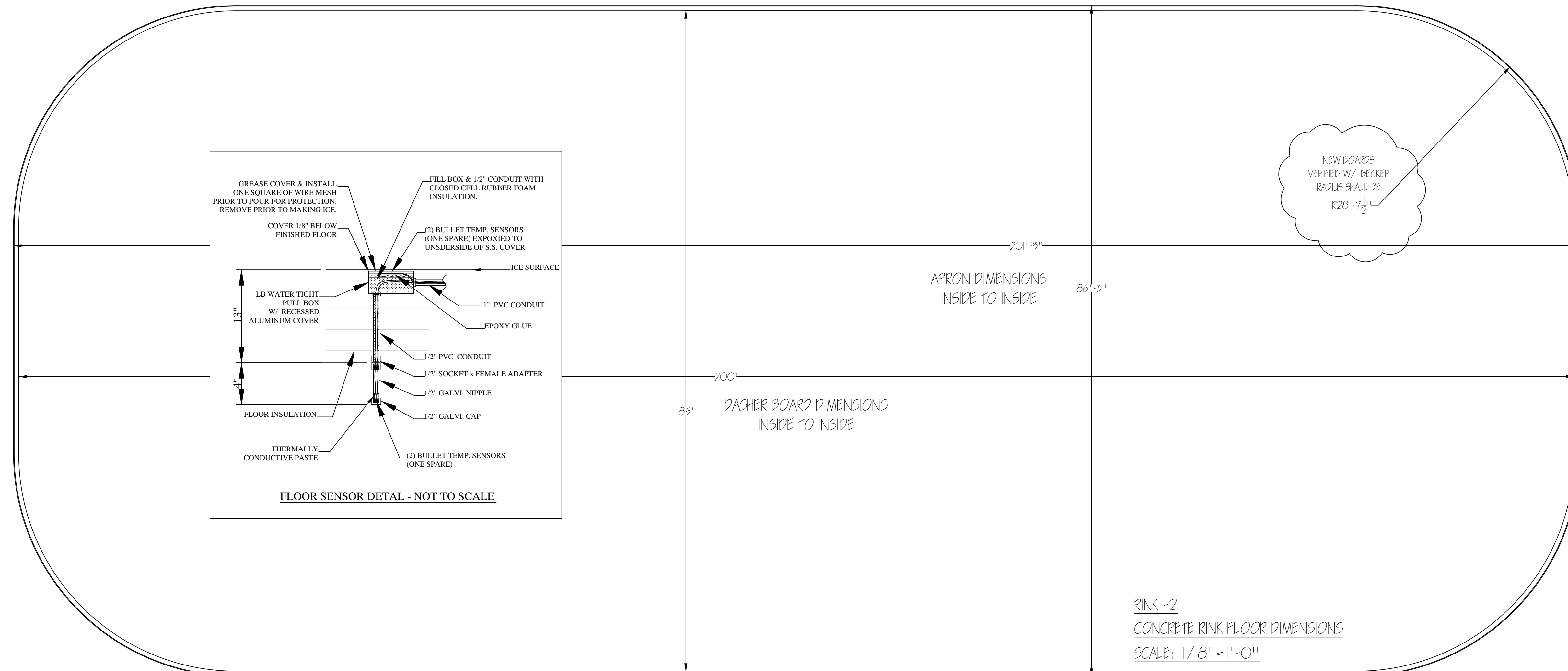
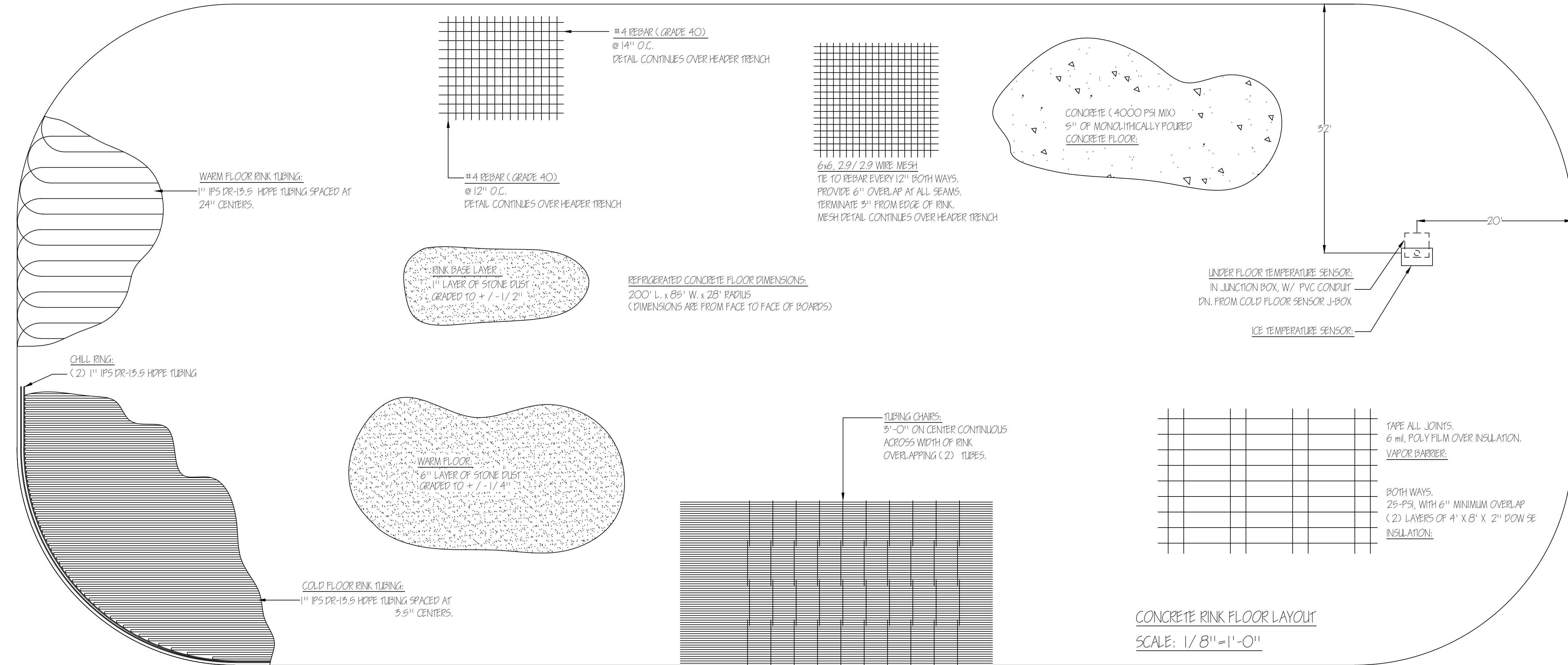
Drawing Name:  
**RINK 1 - CONCRETE FLOOR DETAILS**

Scale:  
 AS NOTED

Date:  
 12/20/12

SHEET  
**R-4**

GENERAL NOTES:



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 Project Number:  
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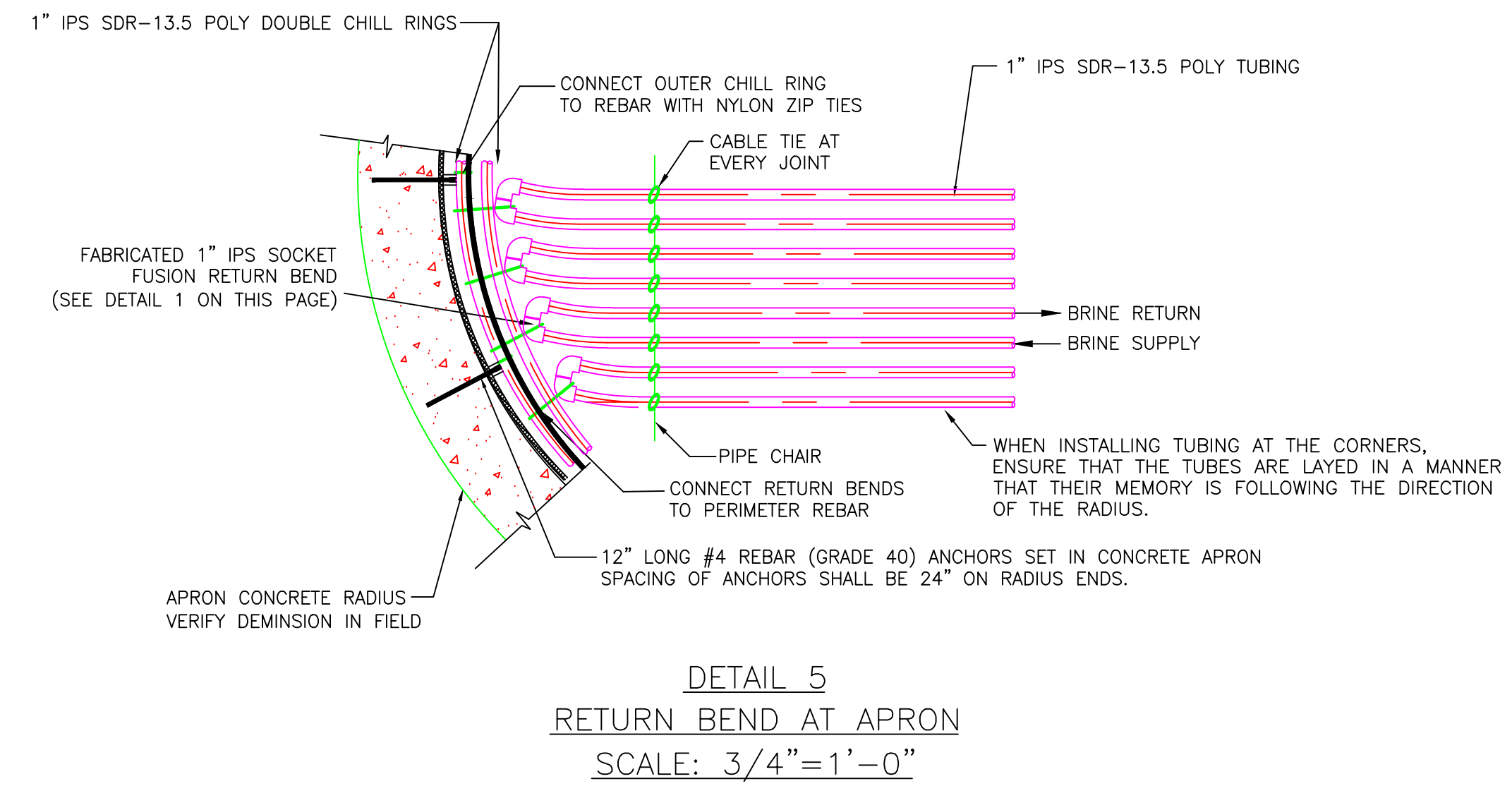
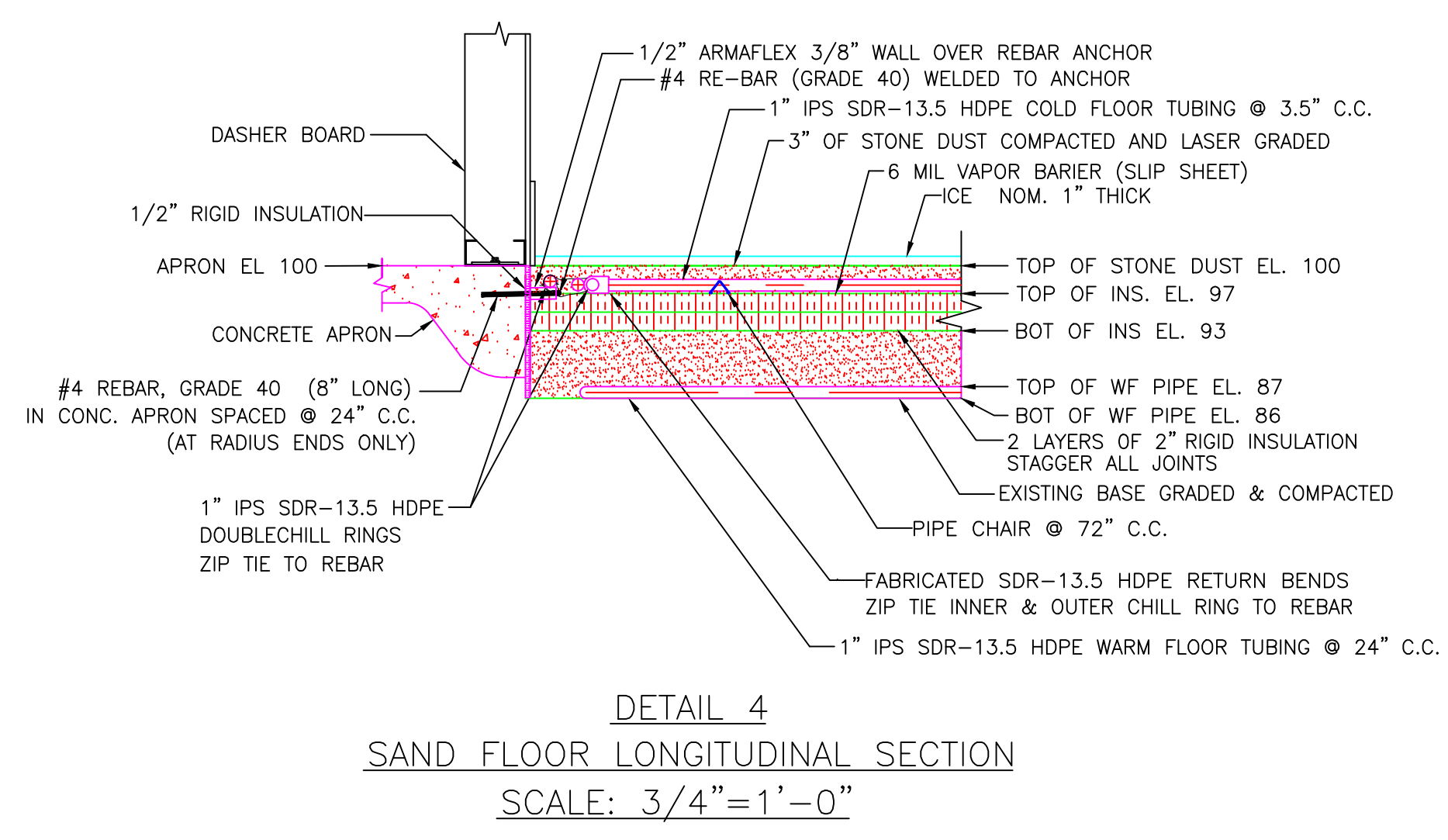
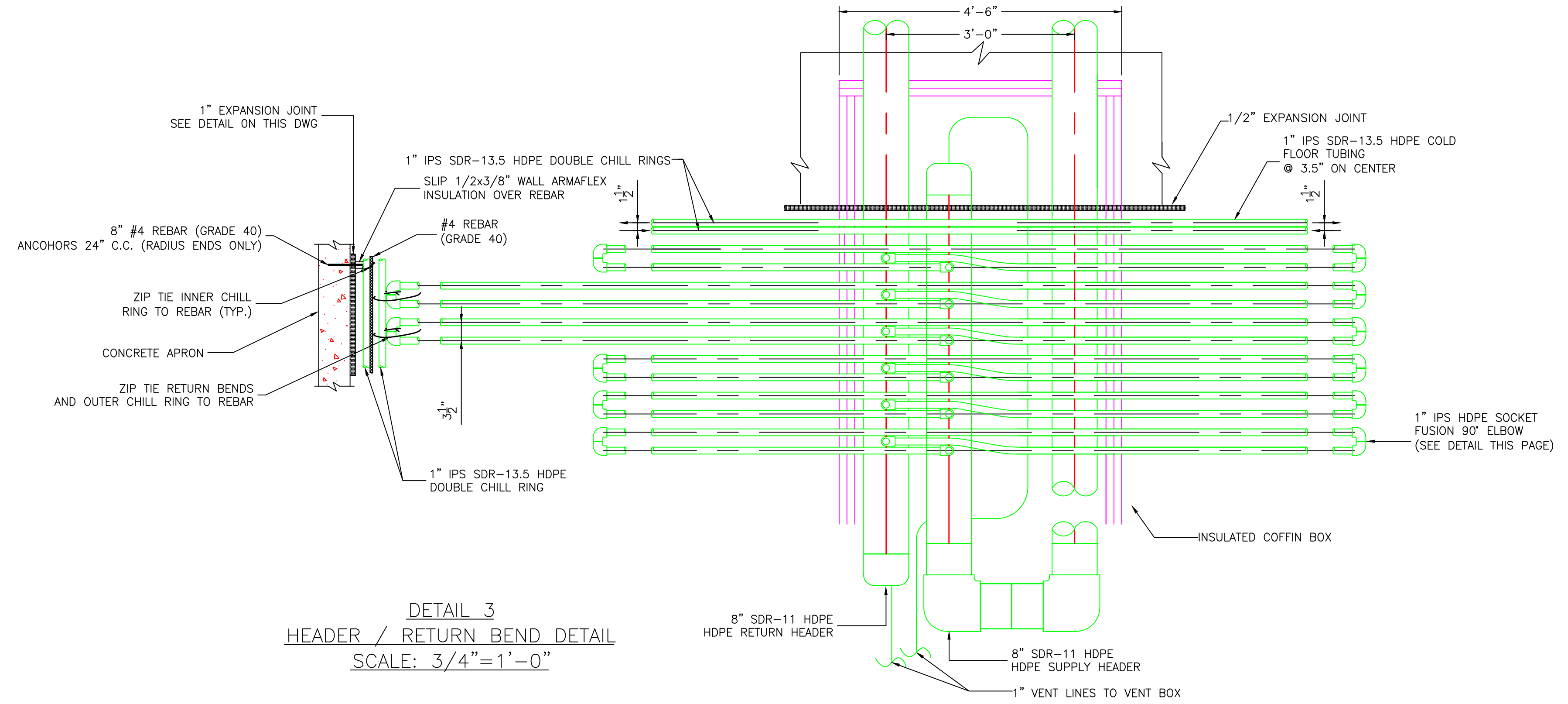
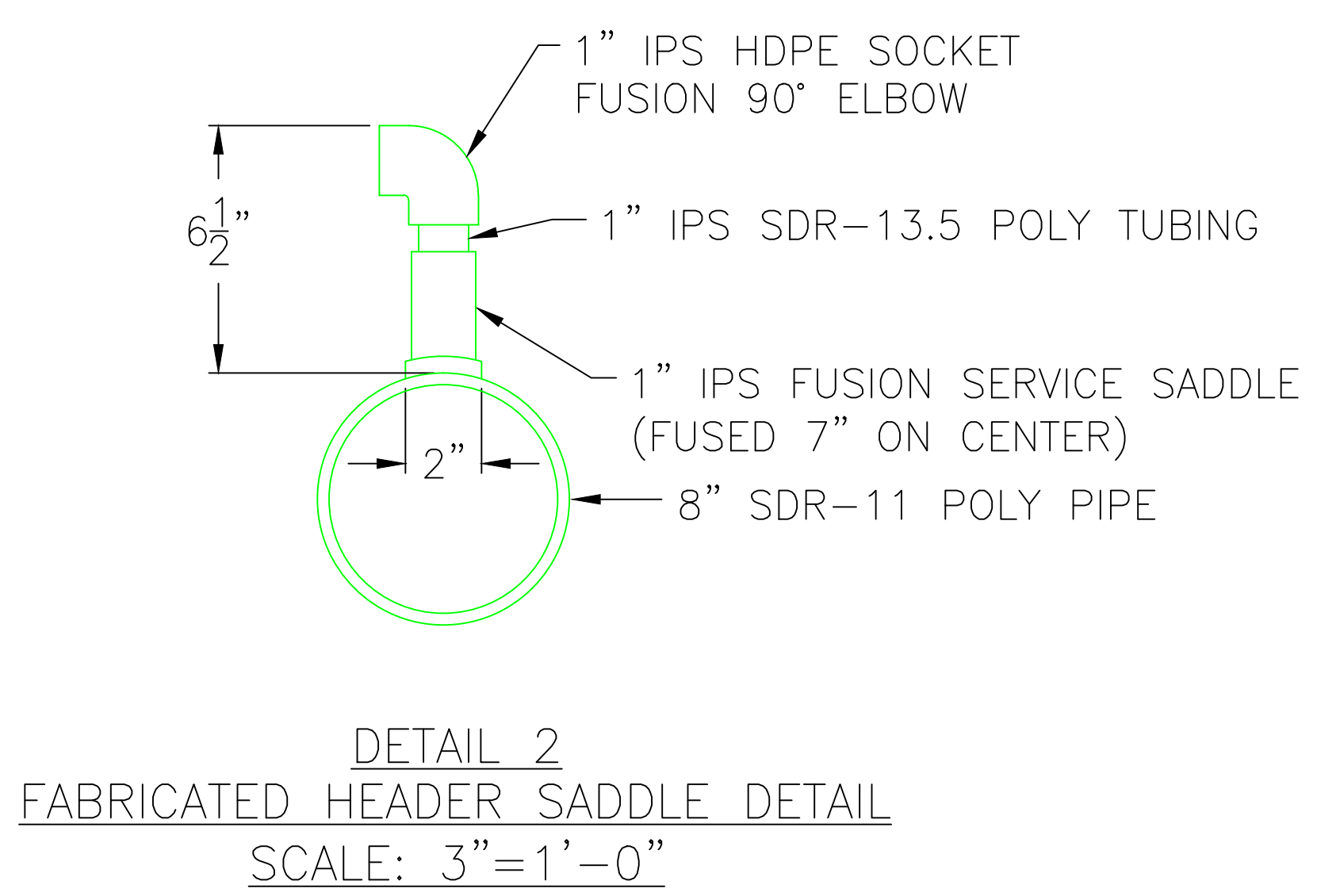
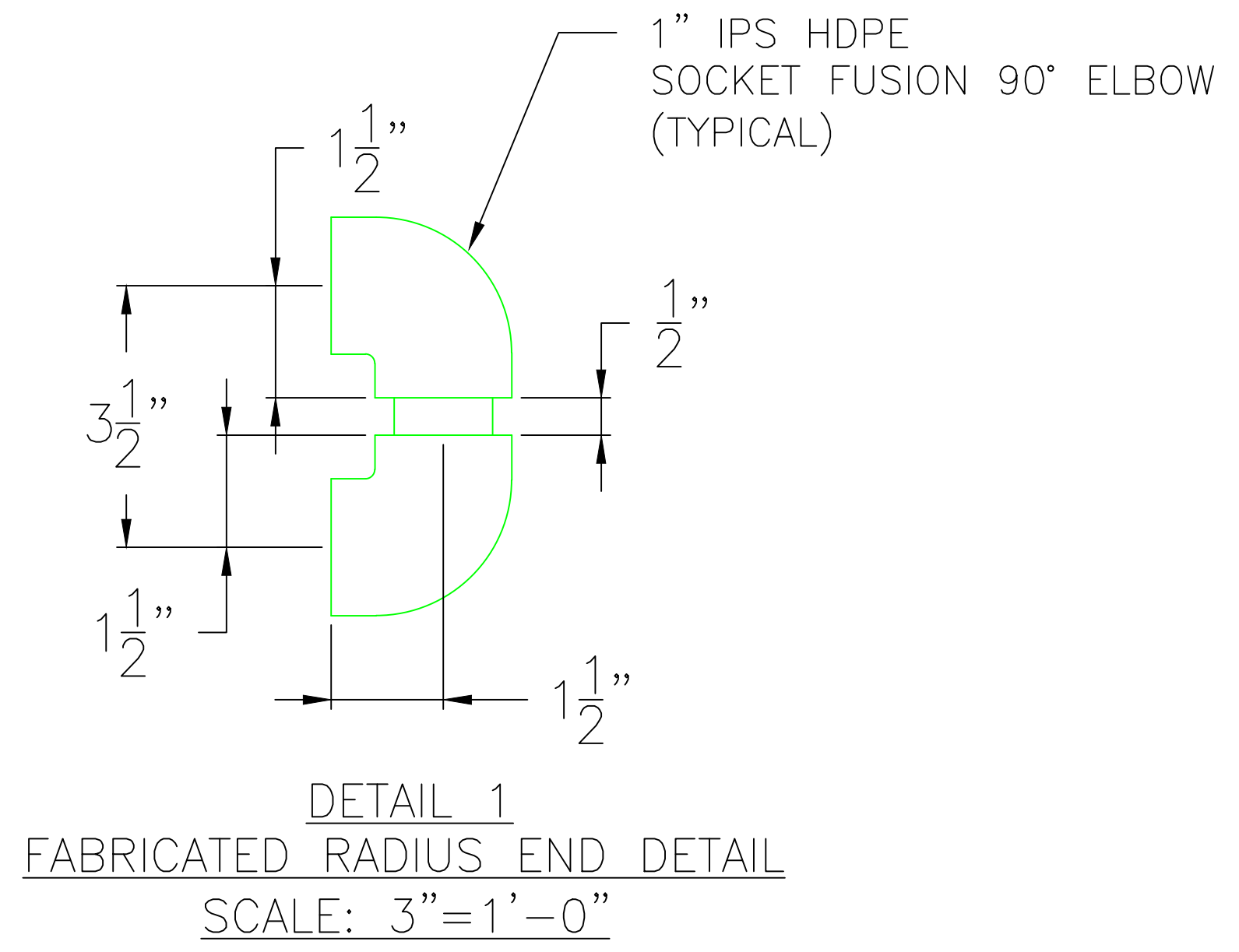
Drawing Name:  
**RINK 1 - CONCRETE FLOOR DETAILS**

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

Date:  
 12/20/12

SHEET  
**R-5**

GENERAL NOTES:



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- REVISIONS:
- 5/15/13 SAND FLOOR ELEV.

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Project Status:  
**PERMIT PLANS**

Project Number:  
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**PRELIMINARY PLANS**  
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Lewiston / Auburn Area  
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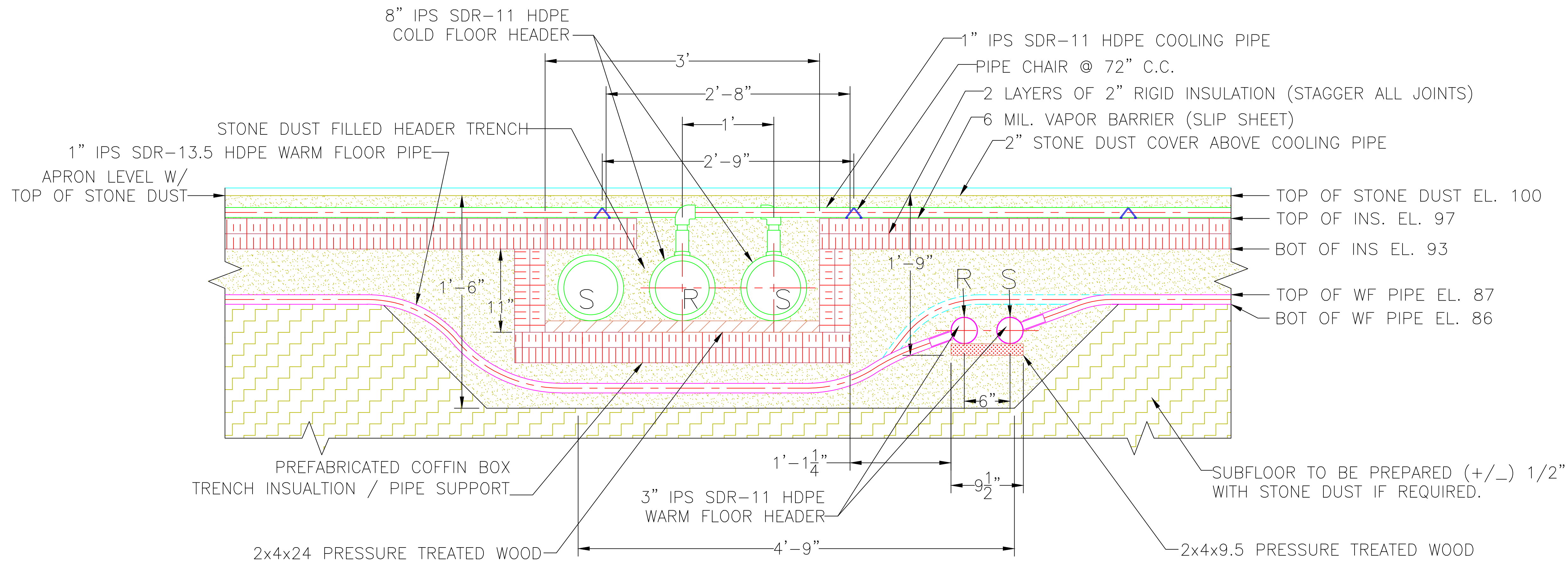
Drawing Name:  
**RINK 2 - SAND FLOOR DETAILS**

Scale:  
 AS NOTED

SHEET  
**R-6**

Date:  
 12/20/12

GENERAL NOTES:

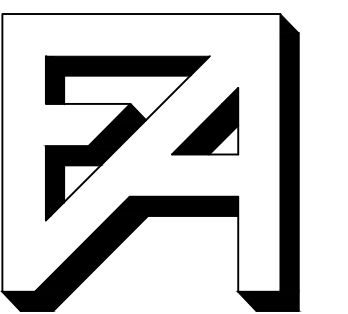


FLOOR DETAIL 6  
 HEADER CROSS SECTION  
 SAND FLOOR

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REVISIONS:

- 5/15/13 SAND FLOOR ELEV.



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Project Status:  
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PRELIMINARY PLANS  
 Not for Construction

Project Number:  
 FAC0912

Lewiston / Auburn Area  
 Ice Arena  
 Turner Street  
 Auburn, Maine

Drawing Name:  
 RINK 2 - SAND FLOOR DETAILS

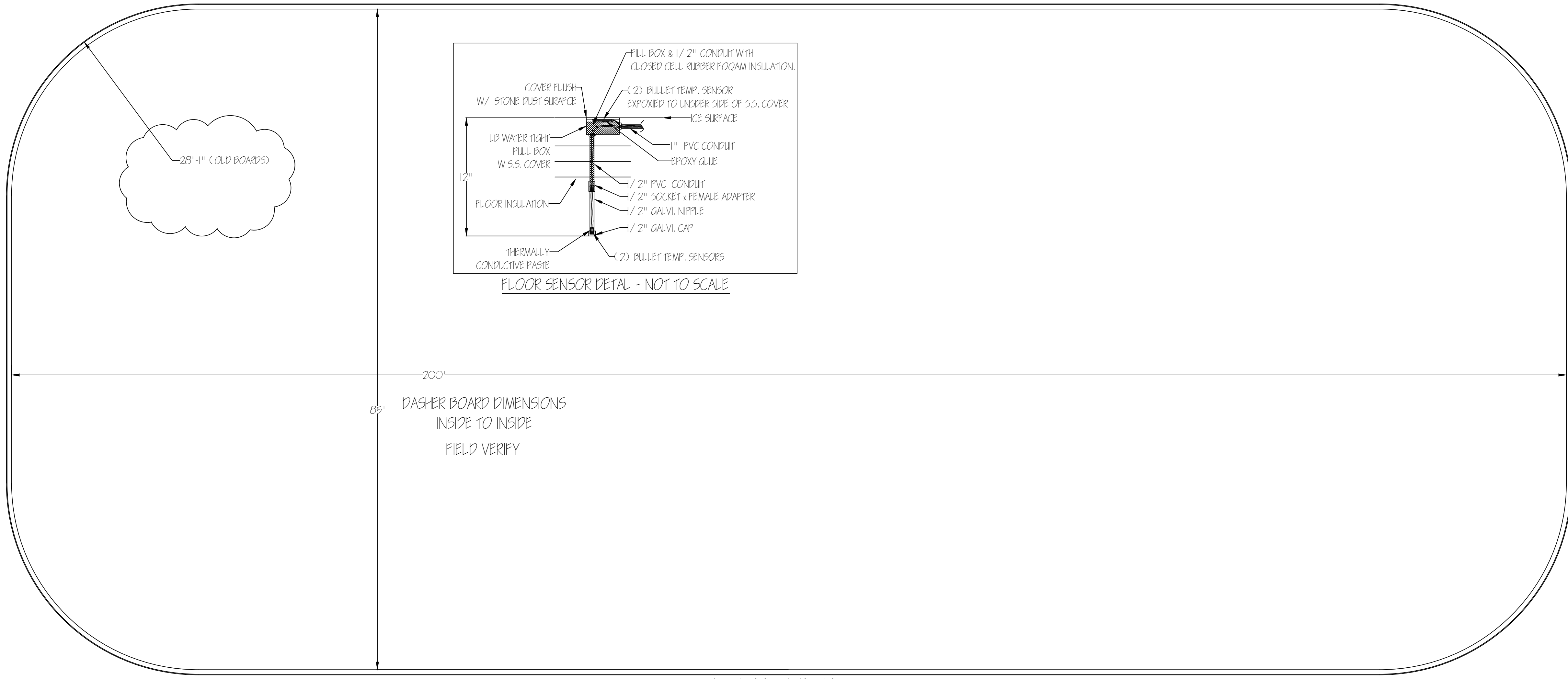
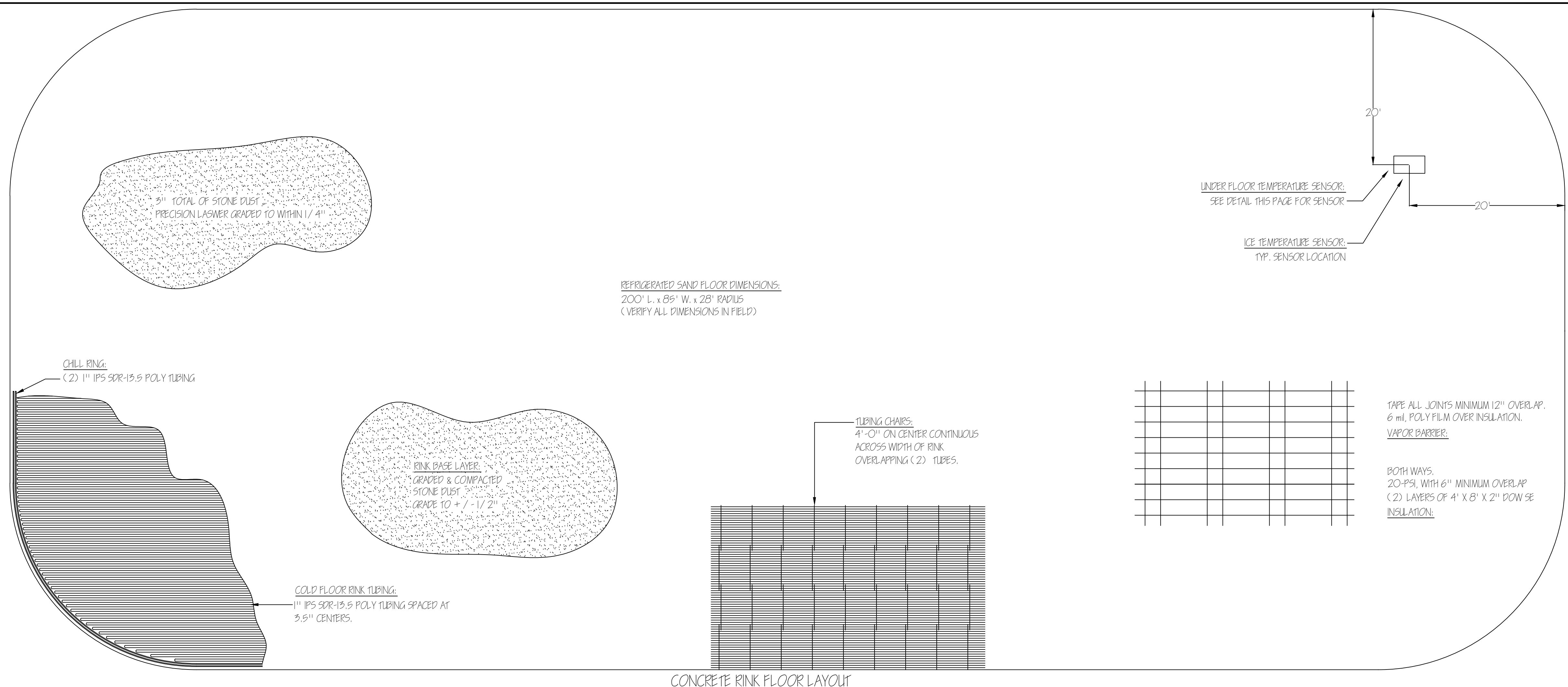
Scale:  
 1-1/2"=1'-0"

SHEET

Date:  
 12/20/12

**R-7**

GENERAL NOTES:



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Lewiston / Auburn Area  
 Ice Arena  
 Turner Street  
 Auburn, Maine

Drawing Name:  
**RINK 2 - SAND FLOOR DETAILS**

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

Date:  
 12/20/12

SHEET  
**R-8**