

GENERAL PRESSURE DEMOLITION NOTES

- EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE APPROXIMATE. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO DEMOLITION. FIELD CONDITIONS SHALL GOVERN. FIELD VERIFY LOCATIONS OF EXISTING PIPING BEFORE DEMOLITION. PROVIDE ALL REQUIRED DEMOLITION WHETHER SHOWN ON THE PLANS OR NOT. COORDINATE WITH THE ARCHITECTURAL DRAWING FOR ITEMS NOT INDICATED. COORDINATE DEMOLITION OF EXISTING PIPING WITH NEW WORK. PIPING CONNECTING TO AREAS OUTSIDE OF RENOVATED SPACE SHALL NOT TO BE DISCONNECTED UNTIL AFTER NEW PIPING IS INSTALLED. COORDINATE SYSTEM SHUT DOWNS WITH THE FACILITY PRIOR TO DEMOLITION.
- ALL ITEMS REMOVED UNDER THIS PROJECT SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AT THE OWNER'S DISCRETION.
- ALL WATER PIPING INDICATED ON THIS DRAWING IS LOCATED IN THE CEILING SPACE OR WALL SPACES UNLESS NOTED OTHERWISE. FIELD VERIFY BEFORE CONSTRUCTION.
- CARE MUST BE TAKEN WHEN REMOVING PIPE AROUND LOAD BEARING WALLS. THE WALL OR FOOTING BELOW IS NOT TO BE DESTROYED.
- CUT AND PATCH CEILINGS, WALLS AND FLOOR SLAB AS REQUIRED TO FACILITATE PLUMBING RENOVATION. SEE ARCHITECTURAL DRAWINGS FOR PATCHING DETAILS.

GENERAL GRAVITY DEMOLITION NOTES

- EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE APPROXIMATE. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO DEMOLITION. FIELD CONDITIONS SHALL GOVERN. FIELD VERIFY LOCATIONS OF EXISTING PIPING BEFORE DEMOLITION. PROVIDE ALL REQUIRED DEMOLITION WHETHER SHOWN ON THE PLANS OR NOT. COORDINATE WITH THE ARCHITECTURAL DRAWING FOR ITEMS NOT INDICATED. COORDINATE DEMOLITION OF EXISTING PIPING WITH NEW WORK. PIPING CONNECTING TO AREAS OUTSIDE OF RENOVATED SPACE SHALL NOT TO BE DISCONNECTED UNTIL AFTER NEW PIPING IS INSTALLED. COORDINATE SYSTEM SHUT DOWNS WITH THE FACILITY PRIOR TO DEMOLITION.
- ALL ITEMS REMOVED UNDER THIS PROJECT SHALL BE TURNED OVER TO THE OWNER, OR DISPOSED OF AT THE OWNER'S DISCRETION.
- ALL VENT PIPING INDICATED ON THIS DRAWING IS LOCATED IN THE CEILING SPACE OR WALL SPACES UNLESS NOTED OTHERWISE. FIELD VERIFY BEFORE CONSTRUCTION.
- ALL SANITARY PIPING INDICATED ON THIS DRAWING IS LOCATED BELOW THE FLOOR SLAB OR WALL CHASE UNLESS NOTED OTHERWISE. OFFSET ALL EXISTING SANITARY AND VENT RISERS FROM FLOOR ABOVE TO WALLS ON NEW FLOOR PLAN. FIELD VERIFY EXACT LOCATION AND PROVIDE REQUIRED OFFSET TO FACILITATE OPERATION OF PLUMBING SYSTEMS TO THE FLOORS ABOVE AND BELOW.
- CARE MUST BE TAKEN WHEN REMOVING PIPE AROUND LOAD BEARING WALLS. THE WALL OR FOOTING BELOW IS NOT TO BE DESTROYED.
- EXISTING ROOF DRAINS AND RAIN WATER LEADER PIPING TO REMAIN UNLESS OTHERWISE NOTED. FIELD VERIFY ROUTING OF EXISTING PIPING BEFORE CONSTRUCTION BEGINS. EXISTING RAIN WATER PIPING LOCATED IN WALLS TO BE REMOVED SHALL BE REROUTED OVER HEAD TO A NEW WALL LOCATION AND RECONNECTED TO THE UNDERGROUND STORM.
- CUT AND PATCH CEILINGS, WALLS AND FLOOR SLAB AS REQUIRED TO FACILITATE PLUMBING RENOVATION. SEE ARCHITECTURAL DRAWINGS FOR PATCHING DETAILS.

PLUMBING GENERAL NOTES

- REFERENCE THE SPECIFICATIONS FOR MATERIAL AND EQUIPMENT INSTALLATION STANDARDS.
- THE PLUMBING INSTALLATION SHALL COMPLY WITH FLORIDA BUILDING CODE - PLUMBING AND ALL STATE AND LOCAL CODES.
- AS-BUILT RECORDS WERE UNABLE TO BE LOCATED FOR THIS PROJECT. UTILITIES AND SERVICES INDICATED ARE TAKEN FROM FIELD INVESTIGATIONS. UNFORSEEN CONDITIONS PROBABLY EXIST AND NEW WORK MAY NOT BE FIELD LOCATED EXACTLY AS SHOWN ON DRAWINGS. COOPERATION WITH OTHER TRADES IN ROUTING AND BURIAL DEPTHS, AS DETERMINED DURING CONSTRUCTION, WILL BE NECESSARY. CONTRACTOR TO VERIFY EXACT LOCATIONS, SIZES, AND MATERIALS OF VARIOUS EXISTING CONDITIONS.
- FIELD VERIFY EXISTING INSTALLATIONS. MODIFY EXISTING PLUMBING SYSTEMS, WHICH ARE TO REMAIN ACTIVE, TO FACILITATE RECONNECTION AND EXTENSION OF THE NEW WORK.
- NOTIFY OWNER AT LEAST 24 HOURS PRIOR TO INTERRUPTING EXISTING SERVICE. SCHEDULE DISCONNECTION AND TIE-INS TO MINIMIZE DISRUPTION OF SERVICES. SERVICES ARE NOT TO BE LEFT DISRUPTED DURING NON-NORMAL CONTRACTOR WORKING HOURS.
- PLANS ARE NOT COMPLETELY TO SCALE. PIPE ROUTING SHOWN IS SCHEMATIC AND IS NOT INTENDED TO INDICATE EXACT ROUTING. CONTRACTOR SHALL PROVIDE ANY ADDITIONAL OFFSETS AND FITTINGS REQUIRED FOR PROPER INSTALLATION AND TO MAINTAIN CLEARANCES. VERIFY STRUCTURAL, MECHANICAL AND ELECTRICAL INSTALLATIONS AND OTHER POTENTIAL OBSTRUCTIONS AND ROUTE PIPING TO AVOID INTERFERENCES.
- PROVIDE ALL OFFSETS AND FITTINGS AND MAKE CONNECTION TO SITE UTILITIES.
- CONCEAL PIPING ABOVE CEILINGS, WITHIN WALLS OR CHASES EXCEPT IN MECHANICAL ROOMS OR AS SPECIFICALLY NOTED.
- FLASH AND COUNTER-FLASH ROOF PENETRATIONS.
- WHEN BEAM SLEEVE PENETRATIONS ARE NECESSARY, COORDINATE PENETRATIONS WITH ALL TRADES, THE ARCHITECT AND THE STRUCTURAL ENGINEER.
- PROVIDE FOUNDATION PAD PENETRATION SLEEVES. ALLOW 1" MINIMUM CLEARANCE BETWEEN SLEEVE INSIDE SURFACE AND PIPE EXTERIOR.
- SEE ARCHITECTURAL DRAWINGS FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
- PROVIDE AN AIR GAP, WHEN REQUIRED BY CODE, SERVING INDIVIDUAL FIXTURES, DEVICES, APPLIANCES AND APPARATUS.
- ALL EXPOSED PIPE AND FITTINGS IN FINISHED AREAS SHALL BE CHROME PLATED.
- PROVIDE CLEANOUTS IN ACCORDANCE WITH FLORIDA BUILDING CODE - PLUMBING SECTION 708 AND ALL STATE AND LOCAL CODES. INSTALL CLEANOUT WITH COVER FLUSH TO FINISH SURFACE.
- COORDINATE PIPING WITH ALL ELECTRICAL EQUIPMENT (PANELS, TRANSFORMERS, ETC.) PRIOR TO ANY INSTALLATION. DO NOT ROUTE ANY PIPING OVER ANY ELECTRICAL PANELS UNDER ANY CIRCUMSTANCES. ANY PIPING RUN OVER PANELS SHALL BE RE-ROUTED AT NO ADDITIONAL COST.
- PROVIDE SANITARY WASTE, VENT, DOMESTIC WATER, ETC. ROUGH-IN AND MAKE FINAL CONNECTIONS (TO INCLUDE PROVIDING ALL NECESSARY RELATED STOPS, VALVES, TRAPS, ETC. AND MAKE READY FOR USE) TO ALL EQUIPMENT, WHETHER FURNISHED BY THIS CONTRACTOR OR FURNISHED BY OTHERS.
- ALL MATERIALS AND EQUIPMENT INSTALLED IN RETURN AIR PLENUMS SHALL BE NON-COMBUSTIBLE AND UL APPROVED FOR USE IN A RETURN AIR PLENUM SPACE. IF MATERIALS ARE NOT NON-COMBUSTIBLE IN RETURN AIR PLENUMS, THEY SHALL BE REPLACED OR WRAPPED WITH A UL LISTED FIRE RATED FIRE WRAP (IE. FIBERWRAP 0.5 PLENUM INSULATION OR APPROVED EQUAL) AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S UL LISTED DETAILS AND RECOMMENDATIONS AT NO ADDITIONAL COST. (NOTE: REFER TO MECHANICAL DRAWINGS FOR RETURN AIR PLENUM LOCATIONS.)
- PIPING, INSULATION, FITTINGS, MATERIALS, COVERS AND FINISHES IN RETURN AIR PLENUM SHALL HAVE A MAXIMUM FLAME SPREAD RATING OF 25 AND A MAXIMUM SMOKE DEVELOPED RATING OF 50.

PLUMBING SYMBOLS

SYMBOL	DESCRIPTION
CD	- CONDENSATE DRAIN PIPING
CW	- DOMESTIC COLD WATER PIPING
HW	- DOMESTIC HOT WATER PIPING
HWR	- DOMESTIC HOT WATER RETURN PIPING
R	- IRRIGATION WATER PIPING
S	- SANITARY WASTE PIPING
V	- VENT PIPING
ST	- STORM DRAIN PIPING
CO	- CLEANOUT FLUG
CO	- WALL CLEANOUT
CO	- FLOOR CLEANOUT / EXTERIOR CLEANOUT
4 R4.101	- DETAIL No.
4 R4.101	- DETAIL REFERENCE
4' S	- PIPE TAG
PLUMBING SYSTEM	- REVISION REFERENCE
⚠	- CONNECT TO EXISTING

PLUMBING ABBREVIATIONS

ABBREVIATION	DESCRIPTION
AFF	- ABOVE FINISH FLOOR
CD	- CONDENSATE DRAIN
CO	- CLEANOUT
CONT	- CONTINUATION
CW	- DOMESTIC COLD WATER
DN	- DOWN
DWG	- DRAWING
EXIST	- EXISTING
F	- DEGREE FAHRENHEIT
FCD	- FLOOR CLEANOUT
FD	- FLOOR DRAIN
GPH	- GALLONS PER HOUR
GPM	- GALLONS PER MINUTE
HD	- HUB DRAIN
HW	- DOMESTIC HOT WATER
HWR	- DOMESTIC HOT WATER RECIRCULATING
IR	- IRRIGATION
IE	- INVERT ELEVATION
IW	- INDIRECT WASTE
KW	- KILOWATT
LBS	- POUNDS
NIC	- NOT IN CONTRACT
NTS	- NOT TO SCALE
PSI	- POUNDS PER SQUARE INCH
PVC	- POLYVINYL CHLORIDE PIPE
SAN	- SANITARY
SF	- SQUARE FEET
SH	- SHEET
ST	- STORM
V	- VENT
VTR	- VENT THRU ROOF
WCO	- WALL CLEANOUT
WTR	- WATER

NOTE: SOME SYMBOLS SHOWN ON THIS LEGEND MAY NOT PERTAIN TO THIS PROJECT

PLUMBING DRAWING INDEX

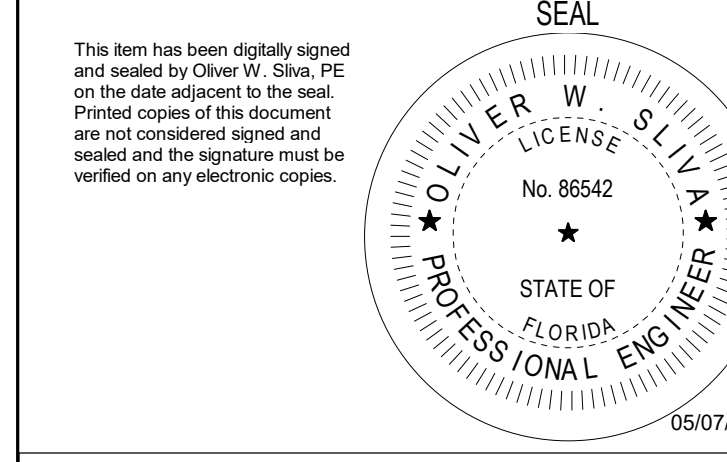
SHEET	DESCRIPTION
P001	PLUMBING SYMBOLS, LEGEND, NOTES, AND INDEX
P101	PLUMBING FLOOR PLAN
P201	PLUMBING DETAILS

COMPLIANCE STATEMENT

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 8TH EDITION (2023) BUILDING, THE FLORIDA BUILDING CODE 8TH EDITION (2023) PLUMBING, AND THE FLORIDA BUILDING CODE 8TH EDITION (2023) ENERGY CONSERVATION.

SCHENKELSHULTZ ARCHITECTURE

200 E. Robinson Street
Suite 300
Orlando, FL 32801
voice 407-872-3322
fax 407-872-3303
schenkelschultz.com
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REVISIONS

MARK	DESCRIPTION	DATE
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NORTH ROAD TERMINAL RENOVATION 2024

500 TERMINAL DRIVE
NAPLES, FL 34104

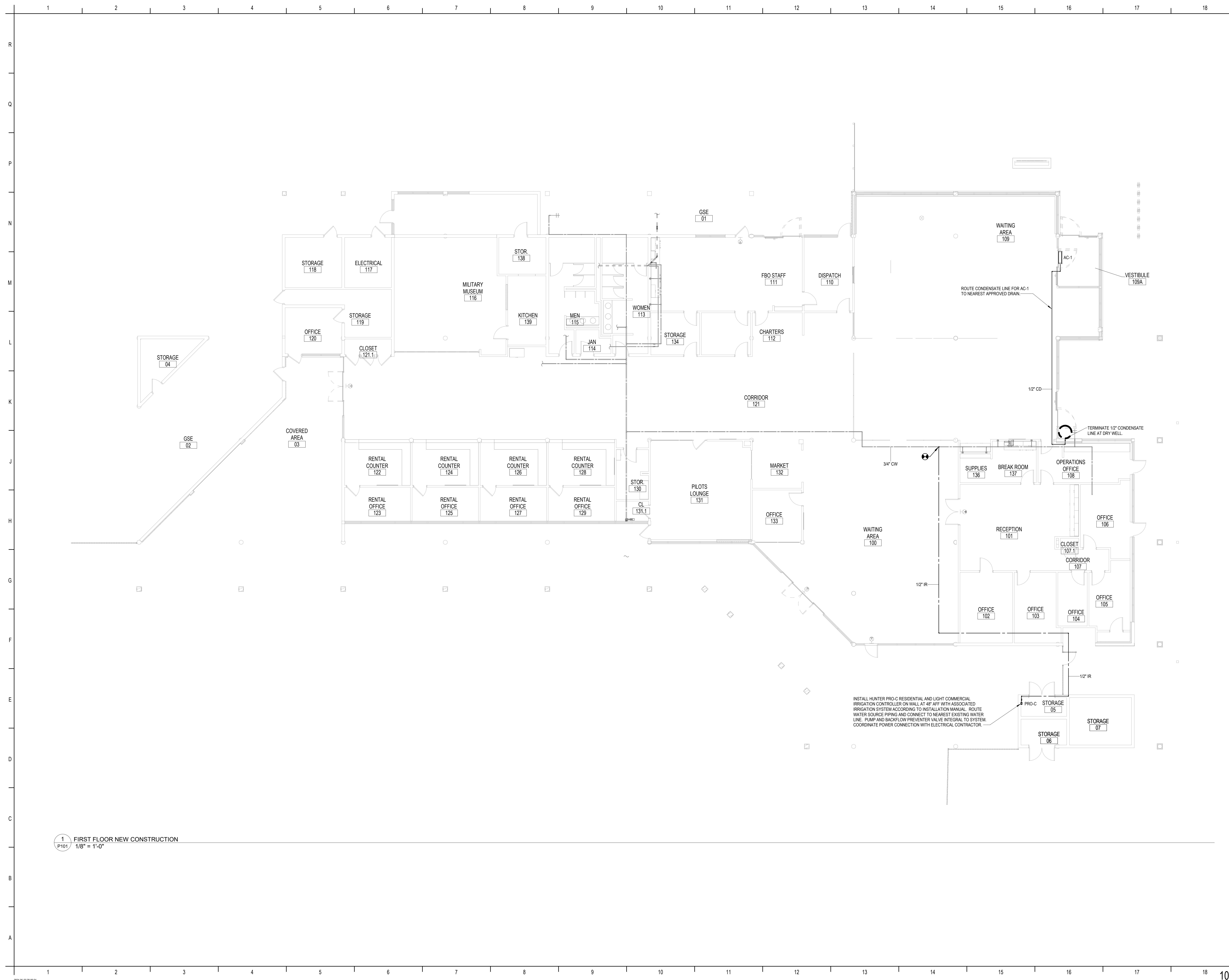


NAPLES AIRPORT AUTHORITY
160 AVIATION DRIVE NORTH
NAPLES, FL 34104

COMM NO.: 2024701
ISSUE DATE: 05/07/2024
DRAWN BY: SAM CHECKED BY: DSV

PLUMBING SYMBOLS, LEGEND, NOTES, AND INDEX

P001



1 FIRST FLOOR NEW CONSTRUCTION
 P101
 1/8" = 1'-0"

SCHENKELSHULTZ
 ARCHITECTURE

200 E. Robinson Street
 Suite 300
 Orlando, FL 32801
 voice 407-872-3322
 fax 407-872-3303
 schenkelshultz.com
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TLC ENGINEERING
 SOLUTIONS

4850 W. Kennedy Blvd., Suite 250
 Tampa, FL 33609
 P 813.637.0110

COA 15
 TLC No: 719062
 www.tlc-engineers.com

THINK. LISTEN. CREATE.

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 OLIVER W. SULLIVAN
 No. 86542
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 05/07/2024

REVISIONS		
MARK	DESCRIPTION	DATE

**NORTH ROAD TERMINAL
 RENOVATION 2024**

500 TERMINAL DRIVE
 NAPLES, FL 34104

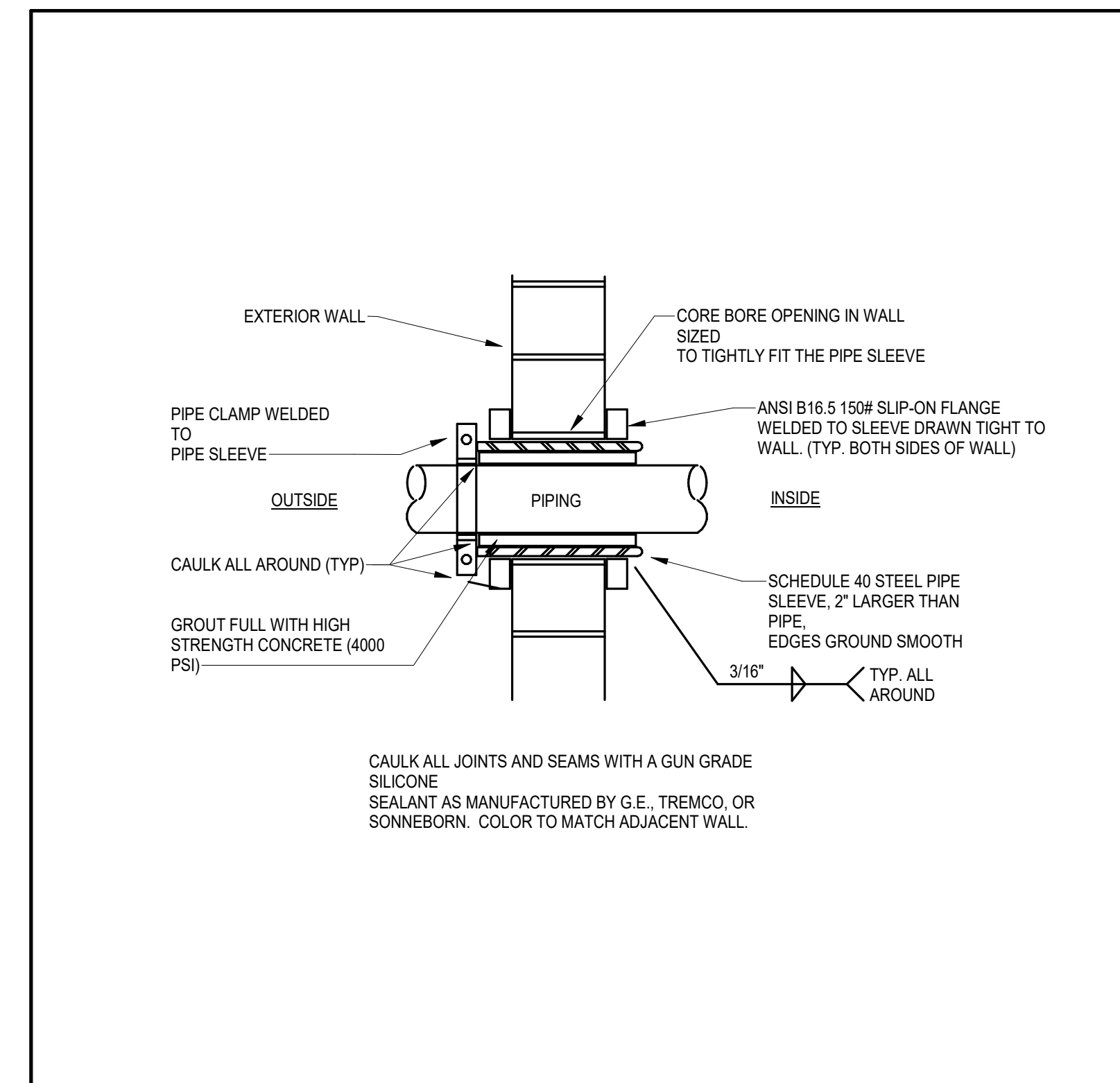
Naples
 AIRPORT AUTHORITY

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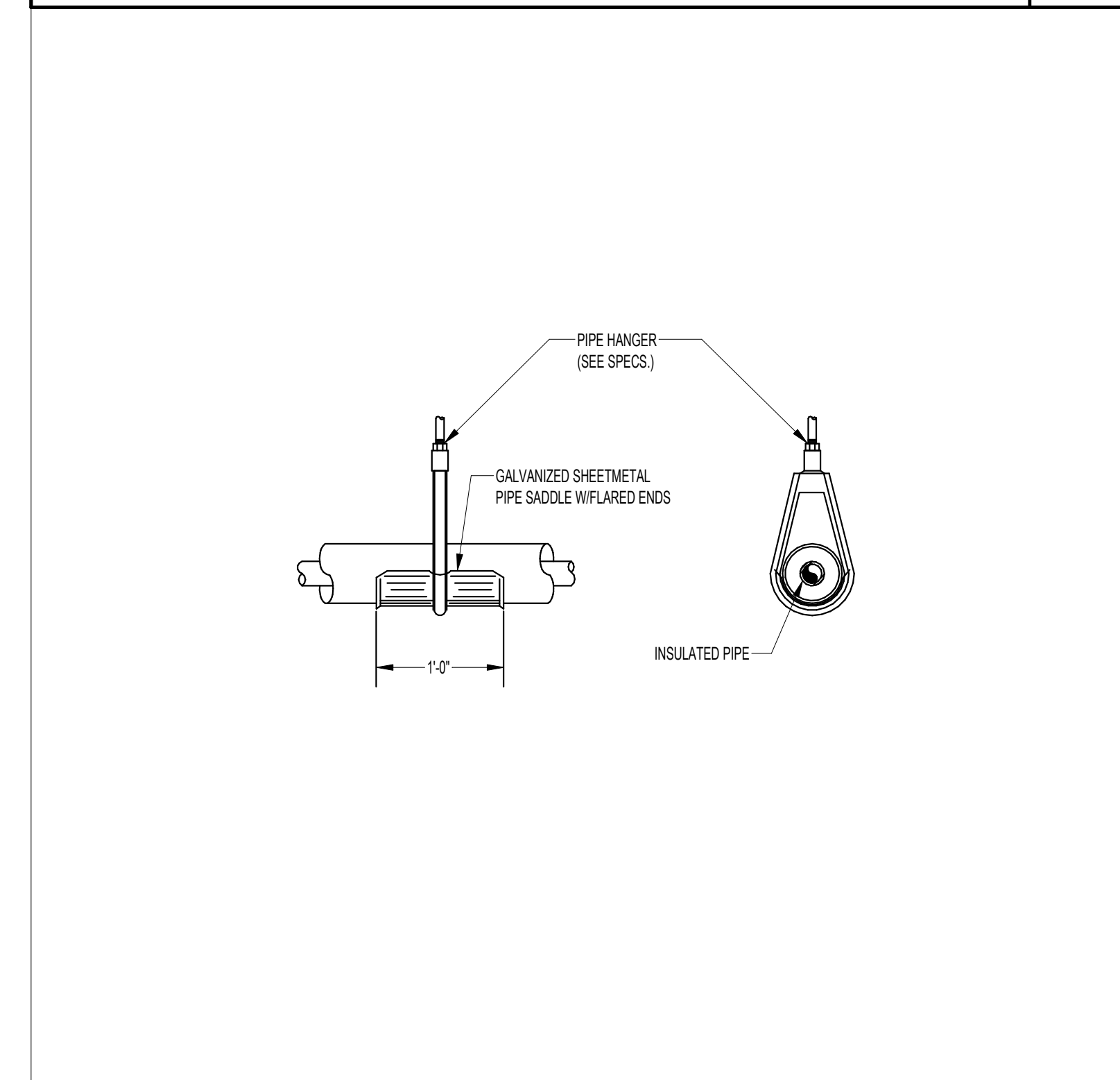
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PLUMBING FLOOR PLAN

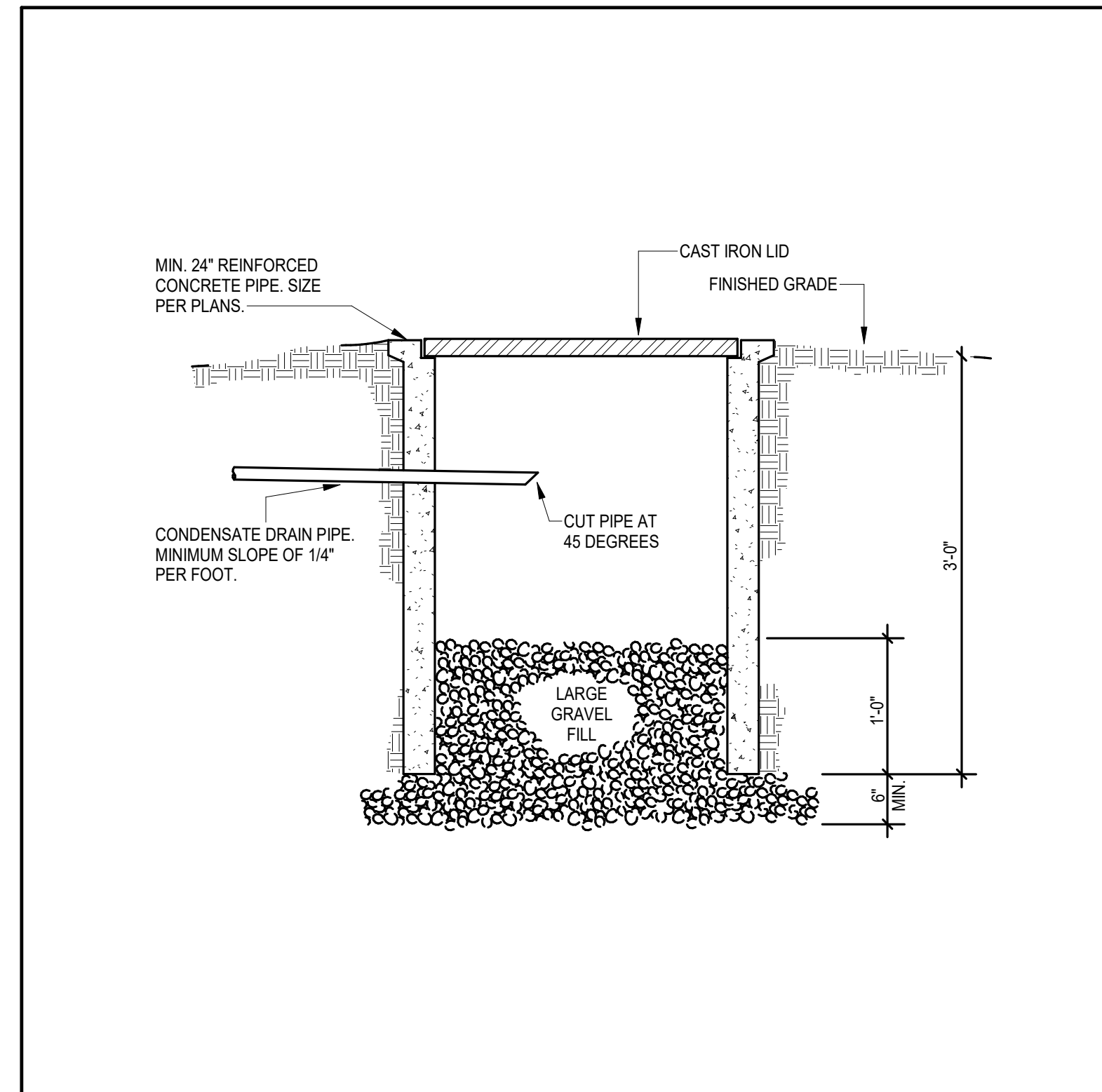
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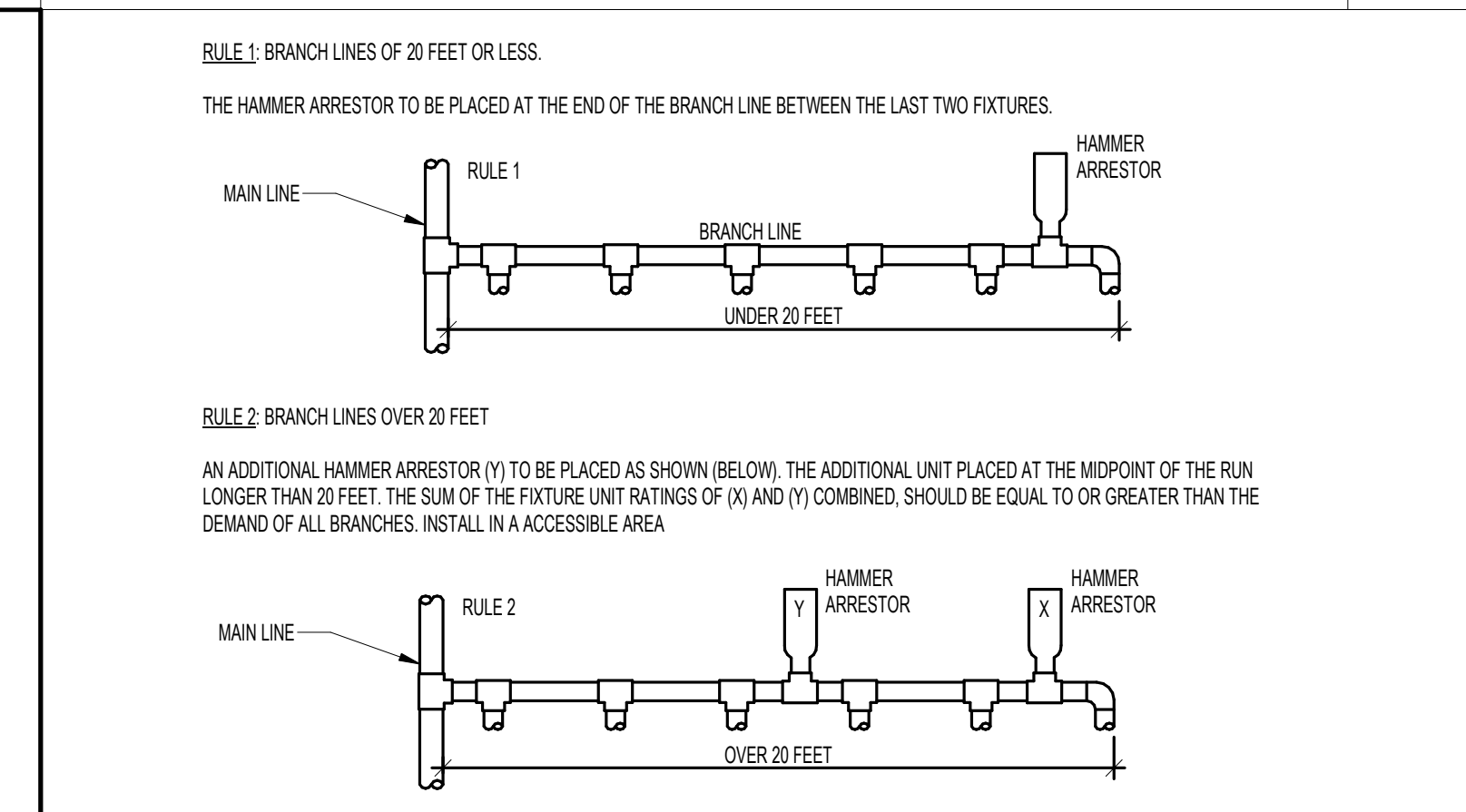
EXTERIOR WALL PENETRATION 3
 No Scale



INSULATED PIPE HANGER 2
 No Scale



CONCRETE CONDENSATE DRYWELL DETAIL 4
 No Scale



SHOCK ARRESTOR SCHEDULE				
MARK	FIXTURE UNITS	MANUFACTURER	MODEL	N.P.T.
SA-A	1-11	PRECISION PLUMBING PRODUCTS	SC-500A	1/2"
SA-B	12-32	PRECISION PLUMBING PRODUCTS	SC-750B	3/4"
SA-C	33-60	PRECISION PLUMBING PRODUCTS	SC-1000C	1"
SA-D	61-113	PRECISION PLUMBING PRODUCTS	SC-1250D	1"
SA-E	114-154	PRECISION PLUMBING PRODUCTS	SC-1500E	1"
SA-F	155-330	PRECISION PLUMBING PRODUCTS	SC-2000F	1"

NOTES:
 1. PISTON OPERATED, TYPE "X" COPPER BARREL WITH BRASS THREADED ADAPTOR. ALL JOINTS SHALL BE MADE WITH 95% LEAD-FREE SOLDER. THE PISTON SHALL BE EQUIPPED WITH TWO (2) 1/8" RINGS TO PROVIDE A PERMANENT MECHANICAL BARRIER BETWEEN FLUID AND PRE-LOAD AIR CHARGE. ARRESTORS MAY BE INSTALLED IN VERTICAL AND HORIZONTAL POSITION. THE ARRESTOR SHALL BE FULLY GUARANTEED FOR ENTIRE SYSTEM LIFE.

SHOCK ARRESTOR 1
 No Scale

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 ARCHITECTURE

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 Suite 300
 Orlando, FL 32801
 voice 407-872-3322
 fax 407-872-3303
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 SOLUTIONS

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 NAPLES, FL 34104



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PLUMBING DETAILS

P201