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SITE

SHELL BUILDING
FOR A DOLLAR TREE STORE
N HWY 19 & CR 44
EUSTIS, FL 32726

BUILDING CODE:	2017 FBC
PLUMBING CODE:	2017 FPC
ELECTRICAL CODE:	2014 NATIONAL ELECTRICAL CODE
MECHANICAL CODE:	2017 FMC
FIRE & LIFE SAFETY CODE:	2017 FPPC
ENERGY CODE:	2017 FL ENERGY CC
ACCESSIBILITY:	2014 FBC - ACCESSIBLE
CONSTRUCTION CLASSIFICATION:	TYPE II-B - UNPROTECTED
FIRE SPRINKLER SYSTEM:	NO. PER FBC 903.2.7: A FIRE SPRINKLER SYSTEM IS NOT REQUIRED IF TOTAL BUILDING AREA IS LESS THAN 12,000 S.F.
TOTAL GROSS BUILDING AREA = 10,850 S.F.	
(ALLOWED AREA FOR TYPE II-B = 12,500 S.F.)	
ALLOWED BUILDING HEIGHT = 65 FT.	
<u>BUILDING AREAS:</u>	
BUILDING TOTAL (GROSS):	10,850 SQ. FT.
SALES AREA (NET):	7,815 SQ. FT.
STOCKROOM (NET):	1,411 SQ. FT.
OFFICE (NET):	80 SQ. FT.
OCCUPANCY GROUP:	MERCANTILE
OCCUPANCY LOAD:	
SALES:	7,815 S.F. / 30 = 260 OCCUPANTS
STOCKROOM (ACCESSORY OCCUPANCY S-1):	1,411 S.F. / 300 = 5 OCCUPANTS
OFFICE (BUSINESS)	80 S.F. / 100 = 1 OCCUPANT
TOTAL:	266 OCCUPANTS

EGRESS WIDTH REQUIRED:	266 OCCUPANTS X 0.2"/OCCUPANT = 53"
EGRESS WIDTH PROVIDED:	DOOR N1 @ 6'-0" = 68"
	DOOR N2 @ 6'-0" = 68"
	DOOR N3 @ 3'-0" = 34"
	<u>TOTAL WIDTH = 170"</u>

266 OCCUPANTS / 2 = 133 OF EACH SEX

<u>FIXTURE:</u>	<u>REQUIRED</u>		<u>PROVIDED</u>	
DRINKING FOUNTAIN (1/1000)	1		2	
	MEN	WOMEN	MEN	WOMEN
WATER CLOSET (1/500)	1	1	1	1
LAVATORY (1/750)	1	1	1	1

RISK CATEGORY II = 140 MPH (ULT.)/108 MPH (ASD)

OWNER	ARCHITECT
BYBLOS DEVELOPMENT, INC TOM HARB, P.E. 7932 WEST SAND LAKE ROAD SUITE 102 ORLANDO, FLORIDA 32819	INTERPLAN LLC 604 COURTLAND ST, SUITE 100 ORLANDO, FL 32804 PHONE: 407-645-5008 ARCHITECT OF RECORD: LOUISE CRAVER CONTACT: RAFAEL CARBONE
STRUCTURAL ENGINEER	
DANSK CONSULTING INC. 1673 LAKE BALDWIN LAKE ORLANDO, FL 32814 PHONE: 407-252-4225 ENGINEER OF RECORD: BJARNE MADSEN	
MECHANICAL ENGINEER PLUMBING ENGINEER ELECTRICAL ENGINEER	
INTERPLAN LLC 604 COURTLAND ST, SUITE 100 ORLANDO, FL 32804 PHONE: 407-645-5008 ENGINEER OF RECORD: STACY HENSON	

GOVERNMENTAL AGENCIES

AGENCY: CITY OF EUSTIS DEVELOPMENT SERVICES
ADDRESS: 10 N. GROVE ST.
EUSTIS, FL 32726

CONTACT: GUY PRIEST
PHONE: (352) 483-5462
EMAIL: priestg@ci.eustis.fl.us

The diagram illustrates various symbols used in architectural drawings, organized into two columns. Each symbol is accompanied by an arrow pointing to its corresponding label.

Left Column Symbols and Labels:

- ELEVATION NUMBER:** A circle with a horizontal line through the center.
- SHEET NUMBER:** A circle with a horizontal line through the center.
- DETAIL, SECTION OR OR PLAN NUMBER:** A circle with a horizontal line through the center.
- WALL SECTION NUMBER, BUILDING SECTION LETTER:** A circle with a horizontal line through the center, and a small square symbol to its left.
- SHEET NUMBER:** A circle with a horizontal line through the center.
- DETAIL NUMBER:** A circle with a horizontal line through the center.
- SHEET NUMBER:** A circle with a horizontal line through the center.
- NOTE NUMBER:** A square with a horizontal line through the center.
- WINDOW NUMBER:** A hexagon with a horizontal line through the center.
- DOOR NUMBER:** A circle with a horizontal line through the center.

Right Column Symbols and Labels:

- REVISION NUMBER:** A triangle with a horizontal line through the center.
- INTERIOR FINISH NUMBER:** A circle with a horizontal line through the center.
- EXTERIOR FINISH NUMBER, INTERIOR PARTITION:** A diamond with a horizontal line through the center.
- ROOM NAME:** A rectangle with a horizontal line through the center.
- ROOM NUMBER:** A rectangle with a horizontal line through the center.

Bottom Center Symbol and Label:

- NEW COLUMN GRID NUMBER OR LETTER:** A circle with a horizontal line through the center, and a vertical line extending downwards from the center.
- ELEV. DATUM POINT:** A circle with a horizontal line through the center, and a vertical line extending downwards from the center.

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- A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL DRAWINGS AND SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL, PRIOR TO SUBMITTING A BID. REPORT ANY DISCREPANCIES TO ARCHITECT OR ENGINEER PRIOR TO BID.
- B. THESE DOCUMENTS ARE BASED UPON MEASURED DRAWINGS AND OTHER INFORMATION PROVIDED BY THE ARCHITECT, AS WELL AS NON-INVASIVE SITE VISITS. THE MEASURED DRAWINGS INCLUDE ONLY THOSE ELEMENTS AND SYSTEMS EXPOSED TO VIEW AND HAVE NOT BEEN FIELD VERIFIED. THE CONSTRUCTION DOCUMENTS HAVE BEEN PRODUCED WITHOUT THE BENEFIT OF KNOWLEDGE OF THE EXACT EXISTING STRUCTURAL, PLUMBING, MECHANICAL AND ELECTRICAL SYSTEMS.
- C. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING BUILDING ELEMENTS AND SYSTEMS, FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND SATISFY THEMSELVES AS TO THE NATURE AND SCOPE OF THE WORK, REVIEW THE CONTRACT DOCUMENTS AND NOTIFY THE ARCHITECT OF ANY CONFLICTS AND/OR DISCREPANCIES PRIOR TO BID. THE SUBMISSION OF A BID WILL BE EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE. LATER CLAIMS FOR MISSING OR EQUIPMENT OR MATERIALS REQUIRE, OR FOR ANY DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD AN EXAMINATION BEEN MADE, WILL NOT BE ALLOWED.
- D. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES ENCOUNTERED ON THE PLANS OR IN EXISTING SITE CONDITIONS PRIOR TO SUBMISSION OF BID.
- E. CONTRACTOR, DURING A SITE VISIT, SHALL TAKE NOTICE OF ANY VISUALLY APPARENT CODE VIOLATIONS AND ALLOW IN HIS/HER BID FOR CORRECTING SUCH VIOLATIONS.
- F. CONTRACTORS ARE CAUTIONED TO COORDINATE ITEMS IN THEIR SCOPE OF WORK WITH OTHER TRADES.
- G. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY CONFLICTS AND/OR DISCREPANCIES DISCOVERED DURING DEMOLITION AND CONSTRUCTION PHASES OF THE PROJECT.
- H. THESE NOTES APPLY TO ALL SHEETS.

CATEGORY	MANUFACTURER	APPROVAL#	EXPIRATION
STOREFRONT	KAWNEER TRIFAB VG 451T	FL 7237-R8	12-31-11
DOORS-STIRFRNT	KAWNEER TRIFAB VG 451T	FL 7237-R8	12-31-11
DOORS-STEEL	REPUBLIC DL416 SERIES-SINGLE	FL 15869-R3	
DOORS-STEEL	REPUBLIC DL416 SERIES-DOUBLE	FL 15869-R3	
EIFS/STUCCO	STO CORP.	FL 20110-R1	12-31-11

1. METAL BUILDING DETAILS ARE PROVIDED TO SHOW DESIGN INTENT ONLY.
PRE-ENGINEERED METAL BUILDING (PEMB) SHALL DETERMINED FINAL DETAIL
PROVIDE INTENT INDICATED.

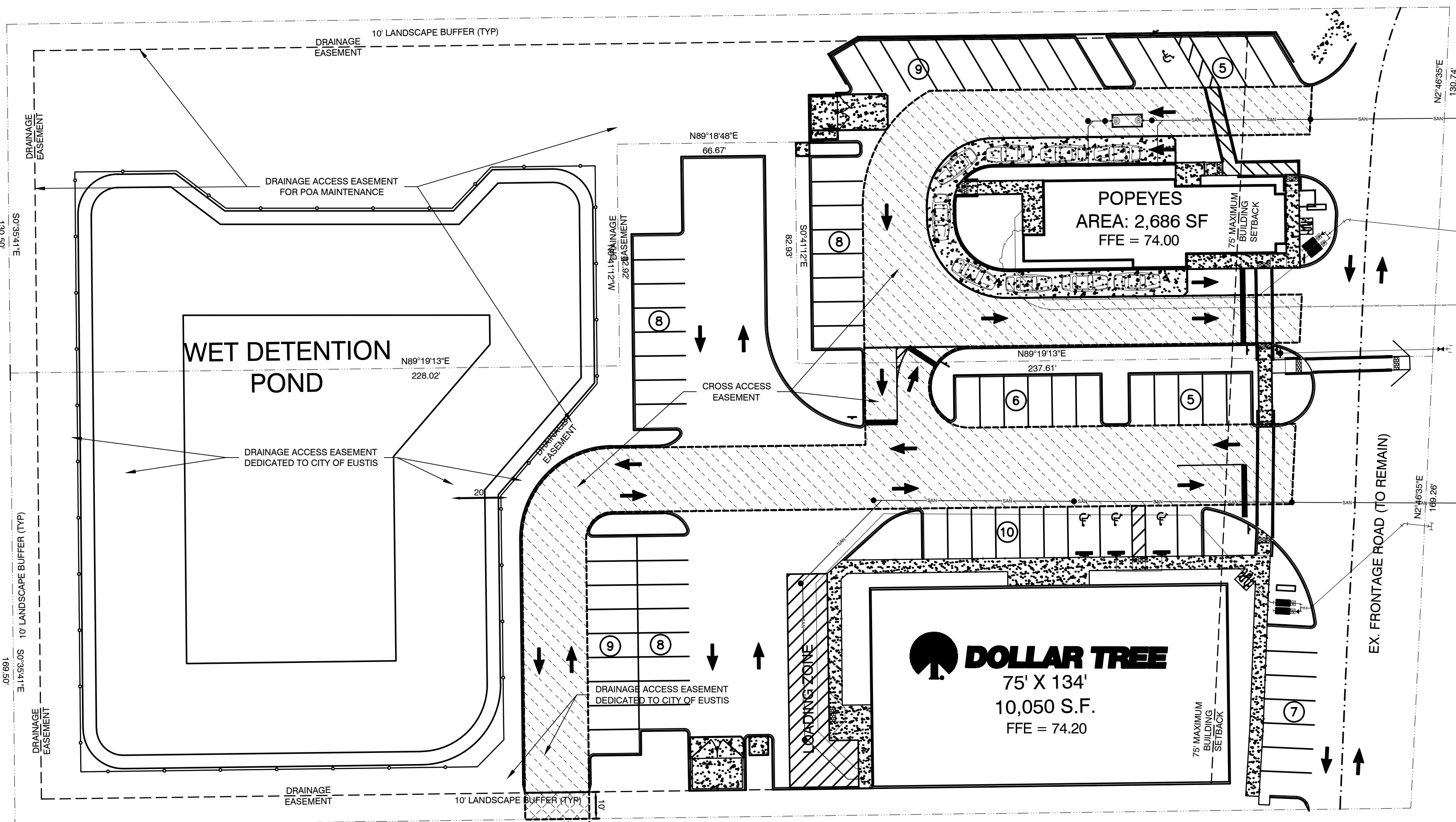
2. REFER TO THE PEMB DOCUMENTS AND SHOP DRAWINGS FOR PROJECT SPECIFIC DETAILS.
3. G.C SHALL COORDINATE PROJECT SPECIFIC METAL BUILDING DETAILS WITH C ELEMENTS OF THE WORK.
4. THE ARCHITECTURAL PLANS ASSUMED AN 8" DEPTH FOR THE PEMB STRUCTURE WITH 3 5/8" METAL STUD FURRING AT THE INTERIOR WALLS. THERE SHALL BE PROJECTIONS OF COLUMNS AT THE SALES FLOOR WALLS. WHERE NECESSARY, LOCATION AND/OR SIZE OF THE INTERIOR METAL STUDS MUST BE ADJUSTED IN ORDER TO CONCEAL THE COLUMNS, ALSO, DEPENDING ON THE DEPTH OF THE GIRTS, THE SIZE OF THE METAL STUDS MAY BE REQUIRED TO BE REDUCED.

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT


AA 003420
CA 8660

604 COURTLAND STREET
SUITE 100
ORLANDO, FLORIDA 32804
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**THIS DOCUMENT IS NOT
FOR REGULATORY
APPROVAL, PERMITTING,
OR CONSTRUCTION.**



SITE PLAN NTS



NORTH

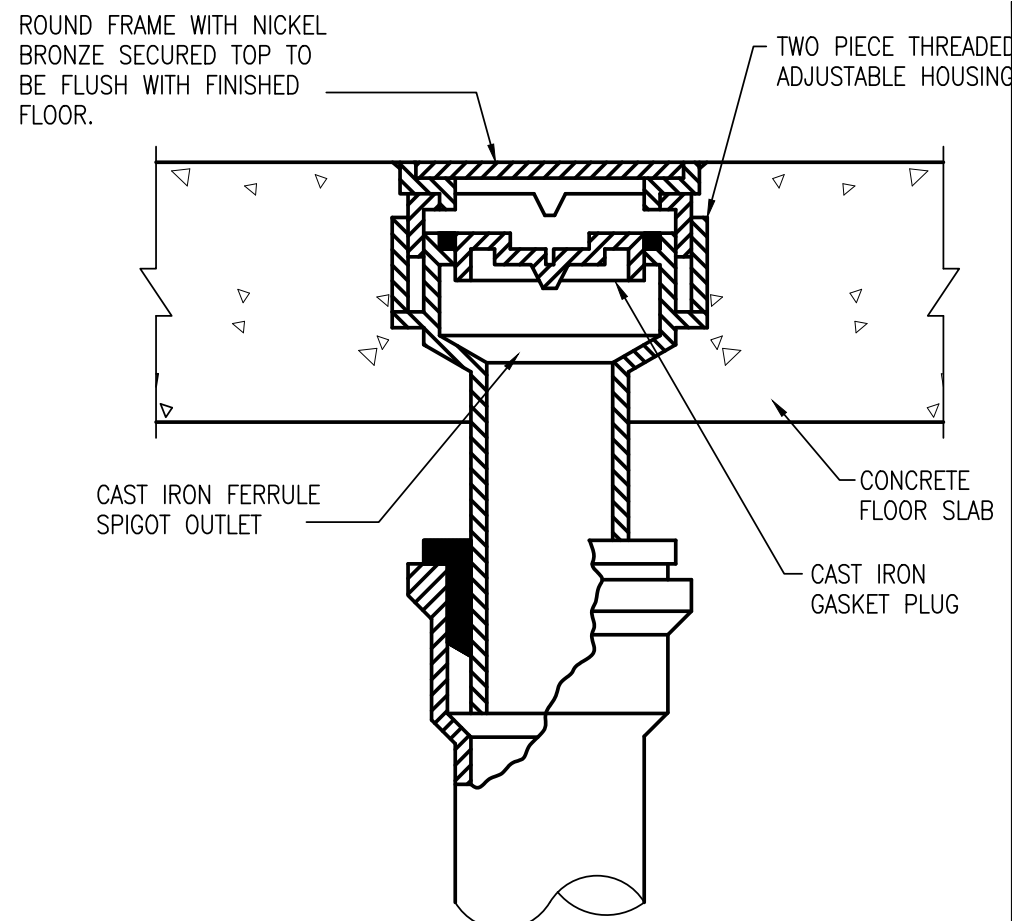
NO	DATE	REMARKS
REVISIONS		

N HWY 19 & CR 44
EUSTIS, FL

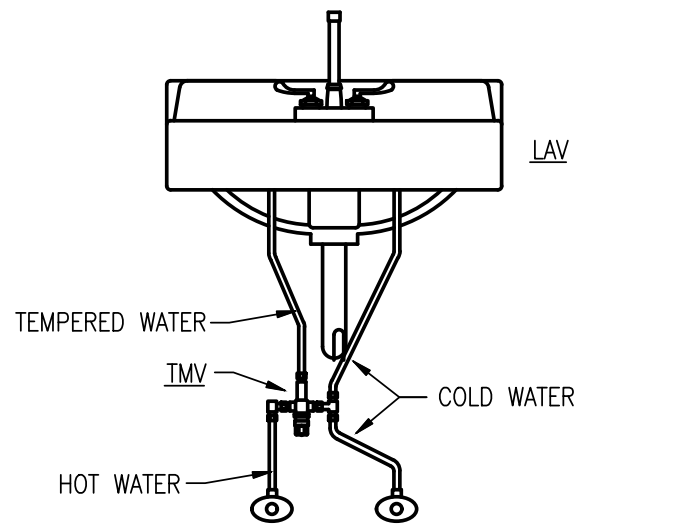
PROJECT NO: 2018.0328
DATE: 08-27-2018

CS
OVER SHEET

CHECKED: RC DRAWN: MS

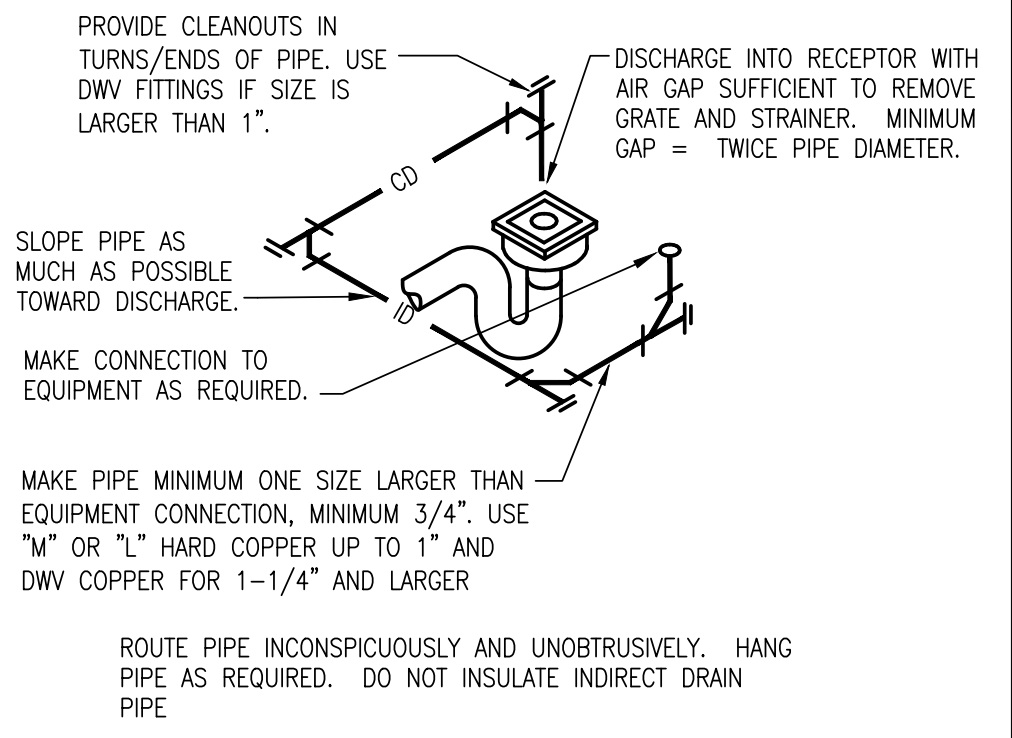


1 CLEAN OUT DETAIL NTS

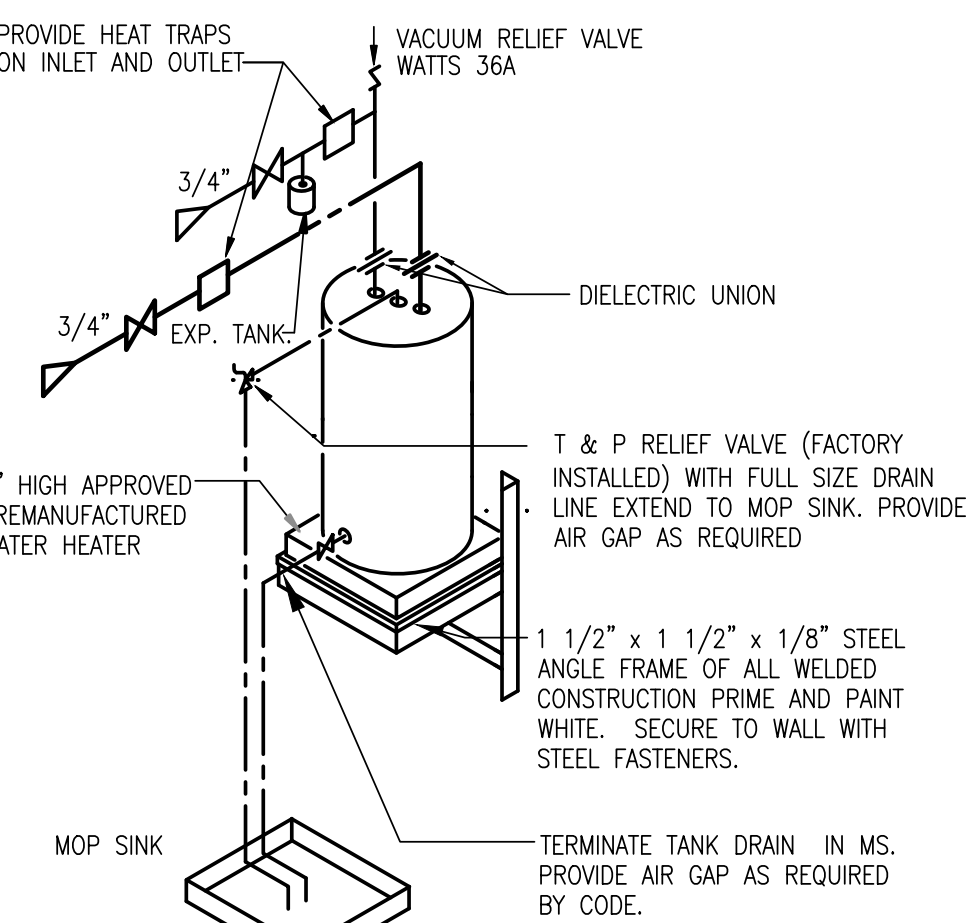


NOTE: SET TEMPERED WATER TEMPERATURE TO 110°F MAX.

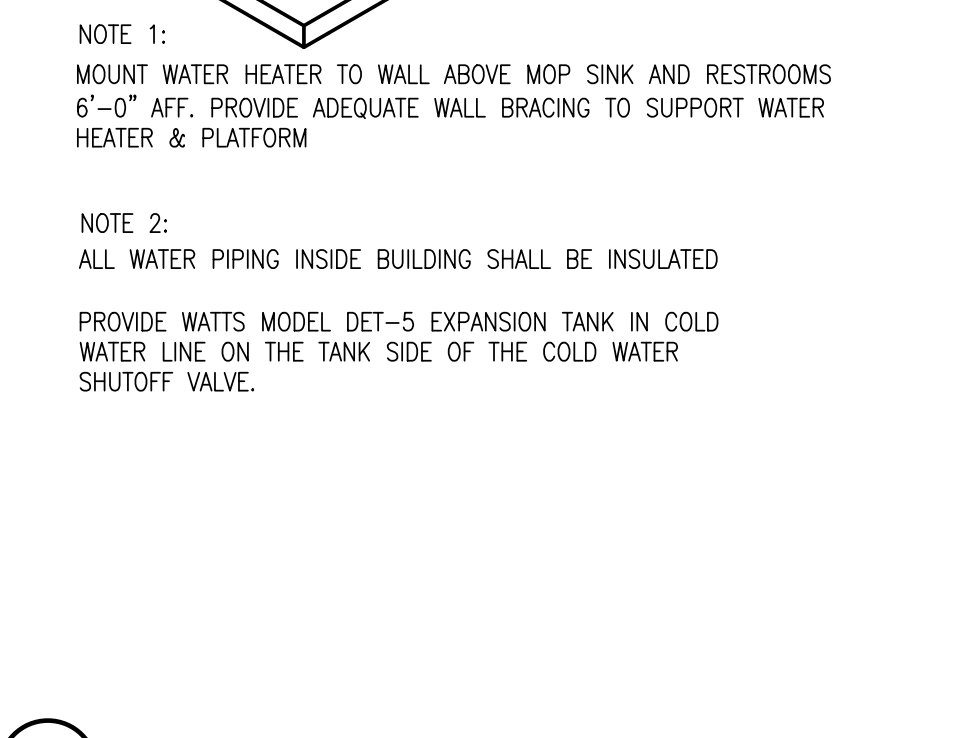
2 THERMAL MIXING VALVE DETAIL NTS



3 INDIRECT DRAIN DETAIL NTS



4 TRAP PRIMER DETAIL NTS



5 WATER HEATER DETAIL NTS

PLUMBING SPECIFICATIONS

- ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, RULES AND ORDINANCES.
- PLUMBING SYSTEMS SCOPE OF WORK TO CONSIST OF THE FOLLOWING:
 - FIELD VERIFICATION OF EXISTING CONDITIONS
 - WASTE AND VENT SYSTEM
 - DOMESTIC HOT AND COLD WATER SYSTEMS
 - PLUMBING CONNECTIONS TO ALL EQUIPMENT PROVIDED BY OTHERS AS REQUIRED
- PLUMBING CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS.
- ALL MATERIALS SHALL BE NEW.
- ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE. ALL EXCAVATION AND BACKFILL AS REQUIRED FOR THIS PHASE OF CONSTRUCTION SHALL BE A PART OF THIS CONTRACT.
- REQUIRED INSURANCE SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
- PLUMBING CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTION AND TESTS. PLUMBING CONTRACTOR TO OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT. PLUMBING CONTRACTOR MUST BE PRESENT FOR ALL INSPECTIONS OF HIS WORK BY REGULATORY AUTHORITIES.
- DRAWINGS ARE DIAGRAMMATIC. DO NOT SCALE FOR THE EXACT LOCATION OF FIXTURES, PIPING, EQUIPMENT, ETC.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION. REPORT ANY DISCREPANCY TO ENGINEER/ARCHITECT PRIOR TO BEGINNING CONSTRUCTION.
- VERIFY LOCATION, SIZE, DIRECTION OF FLOW AND INVERTS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION. ADVISE ENGINEER OF ANY DISCREPANCIES.
- WATER DISTRIBUTION PIPING ABOVE AND BELOW GROUND SHALL BE TYPE "L" COPPER W/ LEAD FREE SOLDER JOINTS. COORDINATE WITH LOCAL JURISDICTION FOR ADDITIONAL REQUIREMENTS.
- ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS AND APPROPRIATELY MARKED ACCESS PANELS. COORDINATE LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
- FURNISH AND INSTALL APPROVED WATER HAMMER ARRESTORS FOR ALL (GROUP) PLUMBING FIXTURES. SIZED AND LOCATED PER MANUF.'S INSTALLATION INSTRUCTIONS AND WH-PDI 201. AIR CHAMBERS CAN BE USED AS AN ALTERNATE PROVIDED THAT THEY ARE ACCESSIBLE AND RECHARGABLE PER WH-PDI 201 AND APPROVED BY THE LOCAL AUTHORITY/CODE. FURNISH AND INSTALL APPROVED AIR CHAMBERS FOR ALL MAINS AND RISERS AT THE TOP, ACCESSIBLE AND RECHARGABLE PER WH-PDI 201 AND THE LOCAL AUTHORITY/CODE.
- DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METAL IN PIPING AND EQUIPMENT CONNECTIONS.
- ISOLATE COPPER PIPE FROM HANGER OR SUPPORTS WITH ISOLATOR PADS OR MATERIAL. ALL FIRE RATED FLOOR AND WALL PENETRATIONS SHALL BE PROPERLY PROTECTED FROM FIRE, SMOKE AND WATER PENETRATION BY FILLING VOIDS BETWEEN PIPE AND WALL/FLOOR SLEEVES WITH FIRE RATED FOAM, TO ACHIEVE THE SAME RATING AS WALLS OR FLOORS AS PART OF THE PLUMBER'S WORK.
- PLUMBING CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF ACCEPTANCE BY OWNER. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED.
- PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES AND ALL WATER HAMMER ARRESTORS. ACCESS PANELS IN RATED WALLS MUST MAINTAIN THE SAME RATING AND MUST MATCH THE FINISH OF THE WALL IN WHICH IT IS INSTALLED.
- PROVIDE CHROME PLATED COMBINATION COVER PLATE AND CLEANOUT PLUG OR ACCESS PANEL FOR ALL WALL CLEANOUTS.
- ALL CONTROL VALVES SHALL BE TAGGED AND MARKED. A REPRODUCIBLE DIAGRAM LOCATING ALL VALVES SHALL BE PROVIDED FOR OWNER/OPERATOR.
- ALL CONDENSATE DRAIN PIPING SHALL BE TYPE "L" COPPER WITH 1" THICK ARMAFLEX INSULATION MAY BE USED IN LOCATIONS WHERE ALLOWED BY LOCAL CODES.
- PROVIDE ANGLE STOPS ON ALL WATER SERVICE LINES TO FIXTURES FOR INDIVIDUAL SHUT-OFF.
- WATER PIPING INSULATION SHALL BE 1" THICK ARMAFLEX INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS FOR ALL HOT WATER PIPING. WHERE DOMESTIC WATER TEMPERATURES CAN CAUSE SWEATING ALL COLD WATER PIPING SHALL BE INSULATED WITH ARMAFLEX INSULATION.
- PROVIDE SHUT-OFF VALVES ON ALL HOSE BIBS PER FPC 606.2(2).
- PROVIDE CHROME PLATED ESCUTCHEONS AT ALL PIPING PENETRATIONS THRU WALLS.

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE TYPE	MANUFACTURER & MODEL NO.	FIXTURE CONNECTIONS				REMARKS
			CW	HW	W	V	
ED	FLOOR DRAIN	ZURN MODEL #Z-415	1/2"	---	3"	2"	TYPE "N" STRAINER. PROVIDE WITH COMPLETE BODY ASSEMBLY WITH TRAP PRIMER CONNECTION.
EQO	FLOOR CLEANOUT	ZURN MODEL #1454	---	---	---	---	SIZE PER PIPING LATERAL, 4" MAX.
WC	HANDICAP WATER CLOSET	ZURN MODEL Z5560 17" H ELONGATED PRESSURE ASSIST 1.6 G.P.F. SIPHON JET	1/2"	---	3"	2"	FURNISH ADA CLOSET & TANK, ADA OPEN FRONT SEAT, FLOOR FLANGE, CLOSET BOLTS & CAPS, WAX RING, SUPPLY STOP & TUBE. FLUSH CONTROL MUST BE LOCATED ON THE WIDE SIDE OF THE WC (SIDE OPPOSITE THE WALL).
LAV	HANDICAP WALL HUNG LAVATORY	ZURN MODEL NO. Z5340 WITH 1/2 GPM FLOW RESTRICTOR. FAUCET HOLES ON 4" CENTERS	1/2"	1/2"	1 1/2"	2"	FURNISH LAVATORY. ZURN Z812B4 GOOSE NECK FAUCET WITH LEVER HANDLES, WALL HANGER KIT, SUPPLY STOPS & TUBES, DRAIN KIT & TAILPIECE
DF	BI-LEVEL HANDICAP DRINKING FOUNTAIN	ELKAY VRCHDTL8SC	1/2"	---	1 1/2"	1 1/2"	FURNISH STANDARD CABINET FINISH FOUNTAIN, SUPPLY STOP & TUBE, DRAIN KIT, AND WALL HANGER KIT
WH	ELECTRIC WATER HEATER	RHEEM ELECTRIC WATER HEATER MODEL NO. EGSPT10 LOWBOY	3/4"	3/4"	---	---	10 GAL. STORAGE, 3.0KW, 208V, 12GPH REC 100°F RISE.
TP	TRAP PRIMER	ZURN MODEL NO. Z1021 WATER SAVER TRAP PRIMER	1/2"	---	1 1/2"	---	SEE DETAIL THIS SHEET
MS	MOP SINK	ZURN MODEL Z1996-36-SF 24"x36" COMPOSITE MOP SINK	1/2"	1/2"	3	2"	ZURN MODEL 1996 -SF SERVICE FAUCET INCLUDED WITH MOP SINK. ACCESSORIES TO INCLUDE STAIN.STL. WALL GUARDS AND 3 CLAMP MOP HANGER.
HB	HOSE BIB	WOODFORD FREEZE PROOF HOSE BIB MODEL NO. B65 OR B24	3/4"	-	-	-	PROVIDE WITH AUTOMATIC DRAINING ANTI-SIPHON VACUUM BREAKER.
FS	FLOOR SINK	J.R. SMITH 3100					CAST IRON BODY WITH 8" SQ. 3/4" GRATE AND STRAINER

NOTE:

INSTALL ALL PLUMBING FIXTURES TO BE FULLY ACCESSIBLE TO INDIVIDUALS WITH DISABILITIES IN ACCORDANCE WITH LATEST ISSUE OF THE AMERICANS WITH DISABILITIES ACT AND ALL CURRENT STATE AND LOCAL CODES. — "PROVIDING ACCESSIBILITY AND USABILITY FOR PHYSICALLY HANDICAPPED PEOPLE" AND/OR GOVERNING CODES. — ALL PLUMBING FIXTURES EQUIPMENT, TRIM, & FITTINGS SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL REGULATIONS AND CODES, INCLUDING, BUT NOT LIMITED TO, WATER AND ENERGY CONSERVATION CODES. THE SCHEDULED AND/OR SPECIFIED PLUMBING FIXTURES AND EQUIPMENT REPRESENT THE MINIMUM CRITERIA AND SHALL BE THE BASIS FOR THE CONTRACTOR'S BASE BID. IF THE SCHEDULED OR SPECIFIED FIXTURES OR EQUIPMENT DO NOT COMPLY WITH GOVERNING CODES OR REGULATIONS IN ALL RESPECTS, THE CONTRACTOR SHALL PROVIDE AN ALTERNATE BID FOR COMPLYING FIXTURES, EQUIPMENT, TRIM, OR FITTINGS. THE ABSENCE OF AN ALTERNATE BID SHALL BE CONSTRUED TO MEAN THAT THE CONTRACTOR'S BID INCLUDES ALL COSTS NECESSARY TO MEET ALL REGULATIONS & CODES. ALL PIPING AND VALVES BELOW LAVATORY SHALL BE INSULATED WITH PVC LAV GUARDS AND CONFIGURED TO PROTECT AGAINST CONTACT PROVIDED WITH LAV KIT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORY.

FIELD VERIFY ALL CONDITIONS

NOTE:

AS NOTED IN THE SPECIFICATIONS, ALL WIRING LAYOUTS, PIPING LAYOUTS AND DUCT LAYOUTS ARE SCHEMATIC. EXACT LOCATIONS SHALL BE DETERMINED BY THE CONSTRUCTION AND STRUCTURE OF THE BUILDING AND SHALL BE VERIFIED AND COORDINATED IN THE FIELD. EACH TRADE CONTRACTOR SHALL VERIFY WITH THE GENERAL CONTRACTOR THAT HE HAS THOROUGHLY REVIEWED AND COORDINATED ALL LOCATIONS AND ROUTINGS WITH ALL OTHER TRADES PRIOR TO FABRICATION OF CONDUITS, DUCTS, OR PIPING, AND START OF INSTALLATION OF SAME (INCLUDING SPRINKLER PIPING WHEN PRESENT ON JOB). ANY INSTALLATION OR CONSTRUCTION CONFLICTS WHICH OCCUR IN THE FIELD SHALL BE RESOLVED BY THE TRADE CONTRACTOR TO THE SATISFACTION OF THE OWNER AND ARCHITECT AND AT NO EXPENSE TO THE OWNER, ARCHITECT AND/OR GENERAL CONTRACTOR.

THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BE IMPLEMENTED AT CONTRACTORS COST.

BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES, THE PLANS AND SPECIFICATIONS NOT WITHSTANDING. THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

LEGEND

(SOME SYMBOLS MAY NOT BE USED)

	NEW SANITARY WASTE PIPING
	GREASE WASTE PIPING
	VENT PIPING
	COLD WATER PIPING
	HOT WATER PIPING (140 DEG.)
	FILTERED WATER PIPING
	INDIRECT WASTE PIPING/CONNECTION
	GATE VALVE
	CHECK VALVE
	UNION
	KITCHEN EQUIPMENT ITEM NO.
	CONDENSATE PIPING
	FLOOR DRAIN
	FLOOR SINK
	FLOOR CLEANOUT
	WALL CLEANOUT
	VENT THRU ROOF
	CLEAN OUT
	FLOOR DRAIN
	FLOOR SINK
	HUB DRAIN
	ABOVE FINISH FLOOR

SEAL:

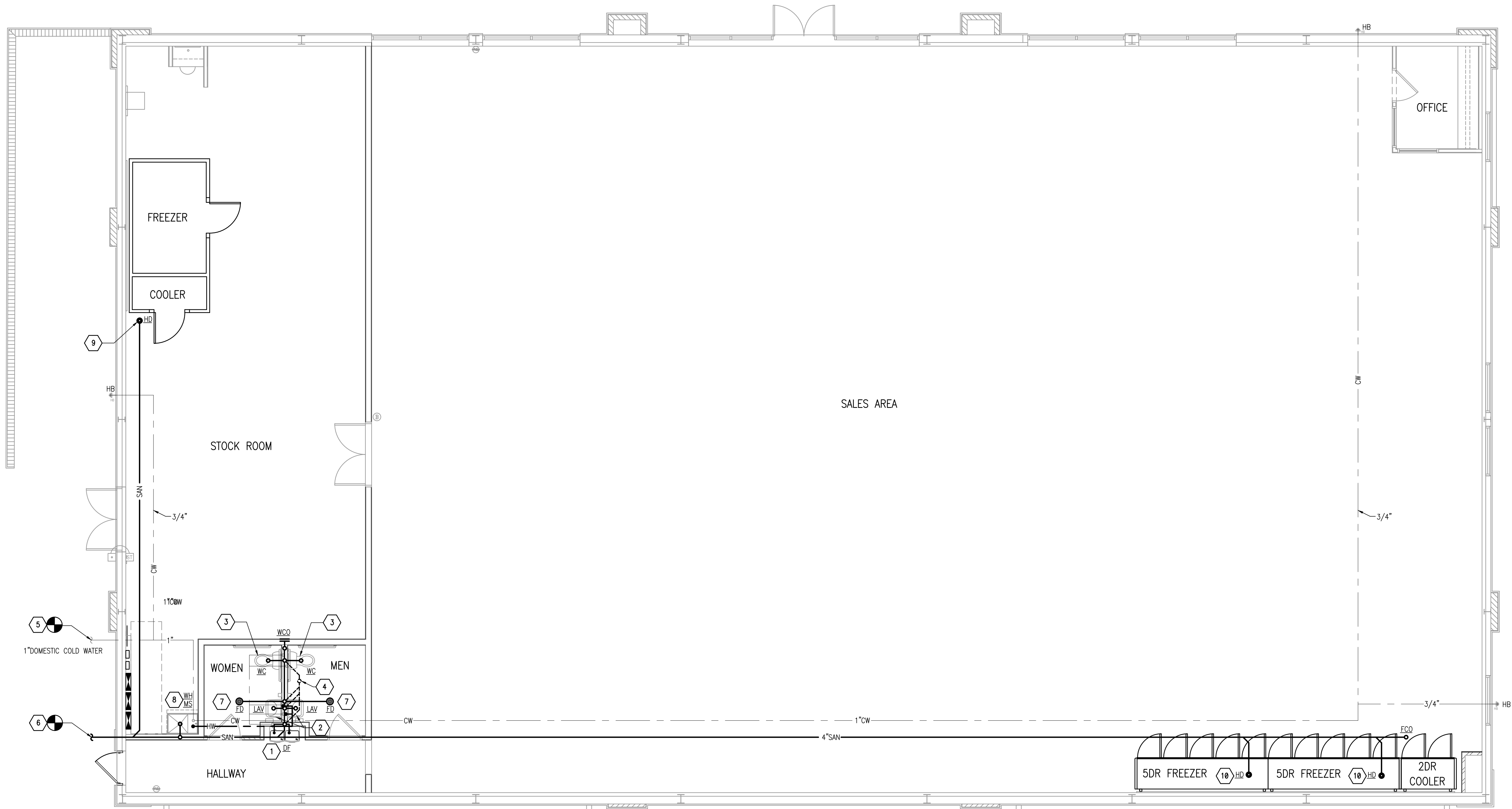
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OR CONSTRUCTION.**

NO DATE REMARKS

REVISIONS

**SHELL BUILDING
for DOLLAR TREE**N HWY 19 & CR 44
EUSTIS, FLPROJECT NO: 2018.0328
DATE: 08-27-2018**P1.0**
PLUMBING FLOOR PLAN

CHECKED: PD DRAWN: JR

**GENERAL NOTES:****GENERAL NOTES - PLUMBING**

- DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF THE WORK. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE TO OBSERVE THE EXISTING CONDITIONS OF THE PROJECT. REVIEW GENERAL NOTES. SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.
- PROVIDE A CONSTRUCTION RECORD SET OF AS BUILT DOCUMENTS TO THE OWNER REFLECTING ANY VARIANCES OF INSTALLED PIPING LOCATIONS OR EQUIPMENT CONTRARY TO THE CONSTRUCTION DOCUMENTS.
- PROVIDE TO THE OWNER A COPY OF INSPECTION REPORTS AND APPROVAL CERTIFICATES FROM LOCAL AND STATE INSPECTIONS, REFER TO SPECIFICATIONS.
- INSTALLATION SHALL COMPLY WITH LEGALLY CONSTITUTED CODES AND THE REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION AND ALSO MEET ALL REQUIREMENTS. OBTAIN A COPY OF ALL REQUIREMENTS AND REVIEW PRIOR TO SUBMITTING BID.
- PLANS AND SPECIFICATION GOVERN WHERE THEY EXCEED CODE REQUIREMENTS.
- VERIFY LOCATION AND DEPTH OF UTILITIES AT POINTS OF CONNECTION BEFORE START OF PIPING INSTALLATION.
- REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF PLUMBING FIXTURES.
- DO NOT SCALE FLOOR PLANS FOR EXACT HORIZONTAL LOCATION OF PIPE ROUTING.
- INSTALL CONCEALED PIPING TIGHT TO THE STRUCTURE AND AS HIGH AS POSSIBLE. INSTALL EXPOSED PIPING TIGHT TO THE STRUCTURE, WALL OR CEILING AND AS HIGH AS POSSIBLE. COORDINATE WITH OTHER TRADES TO AVOID CONFLICTS.
- PIPING VALVES SHALL BE LINE SIZE UNLESS OTHERWISE NOTED
- PIPING IN FINISHED AREAS SHALL BE ROUTED CONCEALED.
- COORDINATE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
- REFER TO THROUGH PENETRATION FIRESTOP SYSTEM #W-L-2093 FOR ANY PENETRATION OF THE FIRE RATED WALL WITH CPVC OR PVC PIPES.

PLUMBING PLAN KEYED NOTES

- FURNISH AND INSTALL DRINKING FOUNTAIN PER LOCAL CODES & PLAN. FIELD VERIFY AND COORDINATE LOCATION.
- FURNISH AND INSTALL ADA COMPLIANT LAVATORY FIXTURE PER PLANS. CONNECT 1/2" CW, 1/2" HW, 1-1/2" W, AND 2" V TO LAVATORY. PROVIDE ISOLATION VALVES AND FLEXIBLE CONNECTIONS AS NECESSARY FOR A COMPLETE INSTALLATION. INSTALL PER MANUFACTURER'S INSTRUCTIONS. FIELD VERIFY & COORDINATE EXACT LOCATION PRIOR TO BID.
- FURNISH AND INSTALL ADA COMPLIANT WATER CLOSET FIXTURES PER PLANS. CONNECT NEW 1/2" CW, 4" W, AND 2" V TO WATER CLOSET. PROVIDE ISOLATION VALVES AND FLEXIBLE CONNECTIONS AS NECESSARY FOR A COMPLETE INSTALLATION. SECURE PIPING TO WALL. INSTALL PER MANUFACTURER'S INSTRUCTIONS. FIELD VERIFY & COORDINATE EXACT LOCATION PRIOR TO BID.
- NEW 4" VENT THROUGH ROOF. MAINTAIN MINIMUM 10' CLEARANCE FROM ANY FRESH AIR INTAKE.
- NEW 1" DOMESTIC COLD WATER PIPING REFER TO CIVIL DRAWING FOR CONTINUATION. FIELD VERIFY & COORDINATE EXACT LOCATION.
- CONNECT 4" NEW SANITARY PIPING TO SANITARY. CONTRACTOR TO VERIFY INVERT ELEVATION PRIOR TO CONSTRUCTION ±3 INVERT. VERIFY PIPES DEPTH IS SUFFICIENT TO ALLOW THE NEW WASTE TO BE SLOPED DOWN INTO THE WASTE PIPE. FIELD VERIFY LOCATION OF SANITARY PIPING PRIOR TO BID & CONSTRUCTION.
- PROVIDE AND INSTALL NEW FLOOR DRAIN IN LOCATION SHOWN AND CONNECT 3" W AND 2" V TO FLOOR DRAIN. FIELD VERIFY & COORDINATE EXACT LOCATION PRIOR TO BID.
- PROVIDE NEW WATER HEATER ABOVE MOP SINK. MAKE FINAL PLUMBING MODIFICATIONS. INSTALL PER CODE AND MANUFACTURER'S RECOMMENDATIONS. DISCHARGE FROM WATER HEATER TO TERMINATE TO MOP SINK INDIRECTLY WITH AIR GAP.
- PROVIDE HUB FOR WALK IN COOLER. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO BID.
- PROVIDE HUB DRAINS FOR COLD FOOD DISPLAYS. COORDINATE EXACT LOCATION WITH EQUIPMENT PRIOR TO BID.

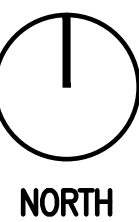
PIPING MATERIAL SPECIFICATIONS

WASTE AND VENT PIPING: SHALL BE SCHEDULE 40 PVC PLASTIC WITH FITTINGS INSTALLED AS RECOMMENDED BY THE MANUFACTURER. NO CELL CORE OR FOAM CORE PVC ALLOWED.

WATER PIPING: CONNECT TO EXISTING WATER PIPING AND PROVIDE A NEW DOMESTIC HOT AND COLD WATER PIPING SYSTEM INSIDE THE BUILDING AS SHOWN ON DRAWINGS. HOT AND COLD WATER PIPING SHALL BE TYPE "L" COPPER TUBING ASTM B-88 WITH WROUGHT COPPER FITTINGS OR SUBSTITUTED ALLOWABLE BY CODE AND SWEAT CONNECTIONS USING LEAD-FREE SOLDER. PROVIDE WATER HAMMER ARRESTERS AT RESTROOMS. FLUSH THE WATER PIPING CLEAR OF DEBRIS AND CLEAN THE AERATORS AND STRAINERS AT THE TERMINATION OF THE INSTALLATION.

VALVES: PLUMBING CONTRACTORS SHALL FURNISH ALL VALVES OF ONE MANUFACTURER, FIGURE NUMBER AND TYPE THROUGHOUT THE ENTIRE INSTALLATION OF THE WORK, UNLESS OTHERWISE SPECIFIED. THE FOLLOWING NUMBERS ARE FROM THE NIBCO CATALOG. VALVES OF REPUTABLE MANUFACTURERS, SUCH AS CRANE CO., WATTS REGULATOR CO., AND WALWORTH CO. WILL BE ACCEPTABLE ALTERNATES, WHERE SHOWN TO BE EQUAL TO THOSE SPECIFIED. INSTALL GATE VALVES

PIPE INSULATION: INSULATE ALL COLD WATER AND CONDENSATE PIPING WITH 1/2", AND HOT WATER PIPING WITH 1", PREFORMED FIBERGLASS WITH ALL-SERVICE JACKET WITH VAPOR BARRIER KNAUF. AT CONTRACTOR'S OPTION, PLENUM-RATED ELASTOMERIC INSULATION (BY ARMSTRONG, RUBATEX OR EQUAL) MAY BE USED.

1 PLUMBING FLOOR PLAN 3/16"-1'-0"

NORTH

SEAL:

THIS DOCUMENT IS NOT
FOR REGULATORY
APPROVAL, PERMITTING,
OR CONSTRUCTION.

NO DATE REMARKS
REVISIONS

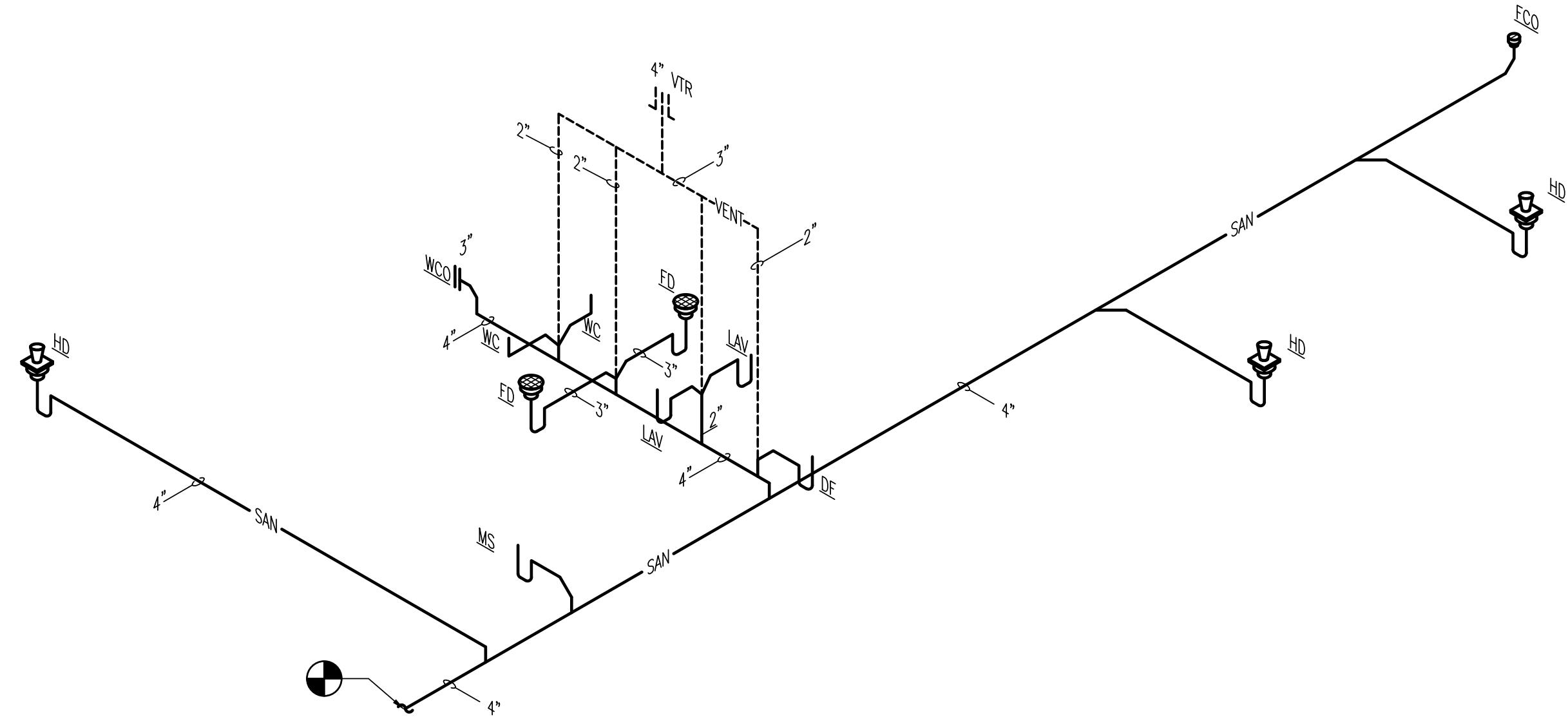
SHELL BUILDING
for DOLLAR TREE

N HWY 19 & CR 44
EUSTIS, FL

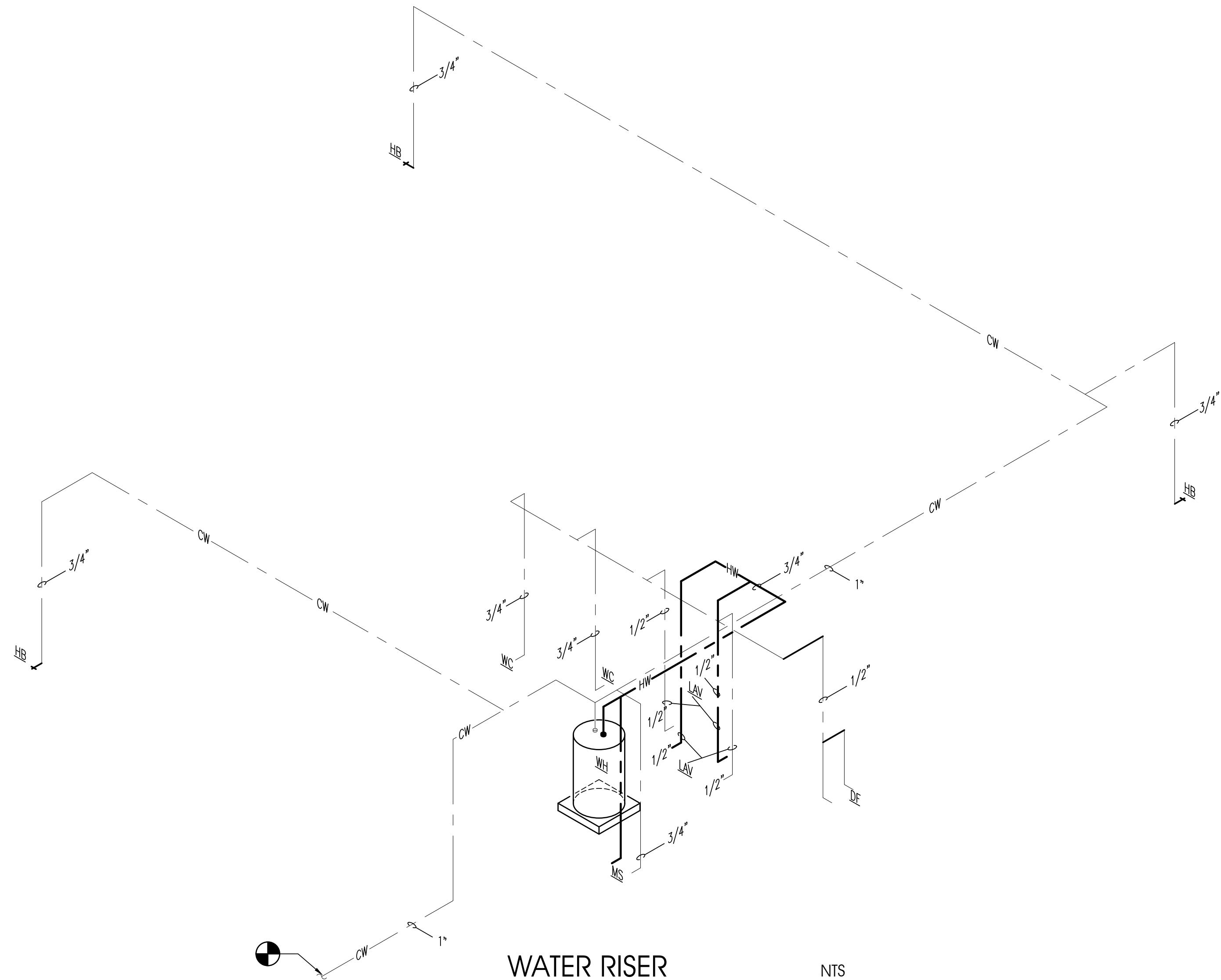
PROJECT NO: 2018.0328
DATE: 08-27-2018

P1.1
PLUMBING RISERS

CHECKED: PD DRAWN: JR



WASTE AND VENT RISER NTS



WATER RISER NTS