

1. SEE ROADWAY PLANS FOR ADDITIONAL SITE INFORMATION INCLUDING LAWN AREAS.
2. EDGE OF PLANTING BED IS EDGE OF PAVEMENT AND/OR BUILDING UNLESS OTHERWISE NOTED
3. EDGE OF PLANTING BED IN OPEN AREAS (NOT ADJACENT TO PAVEMENT) IS TO BE LOCATED 18" BEYOND THE MATURE WIDTH (HGT.) OF PLANT - MEASURED FROM CENTER.
4. CONTRACTOR SHALL FIELD VERIFY LOCATIONS FOR WELL, SEPTIC, AND FLAGPOLE WITH OTHER TRADES.
5. SEE STR. PLANS FOR CONCRETE PAD DETAIL INTO FOUNDATION WALL

2
TMT

75 MM
DEPTH

ALL LANDSCAPED AREA
WILL HAVE RED GRANITE CHIPS

9
HAB

150 MM
DEPTH

- ICE BRIDGE

CELLULAR
TOWER

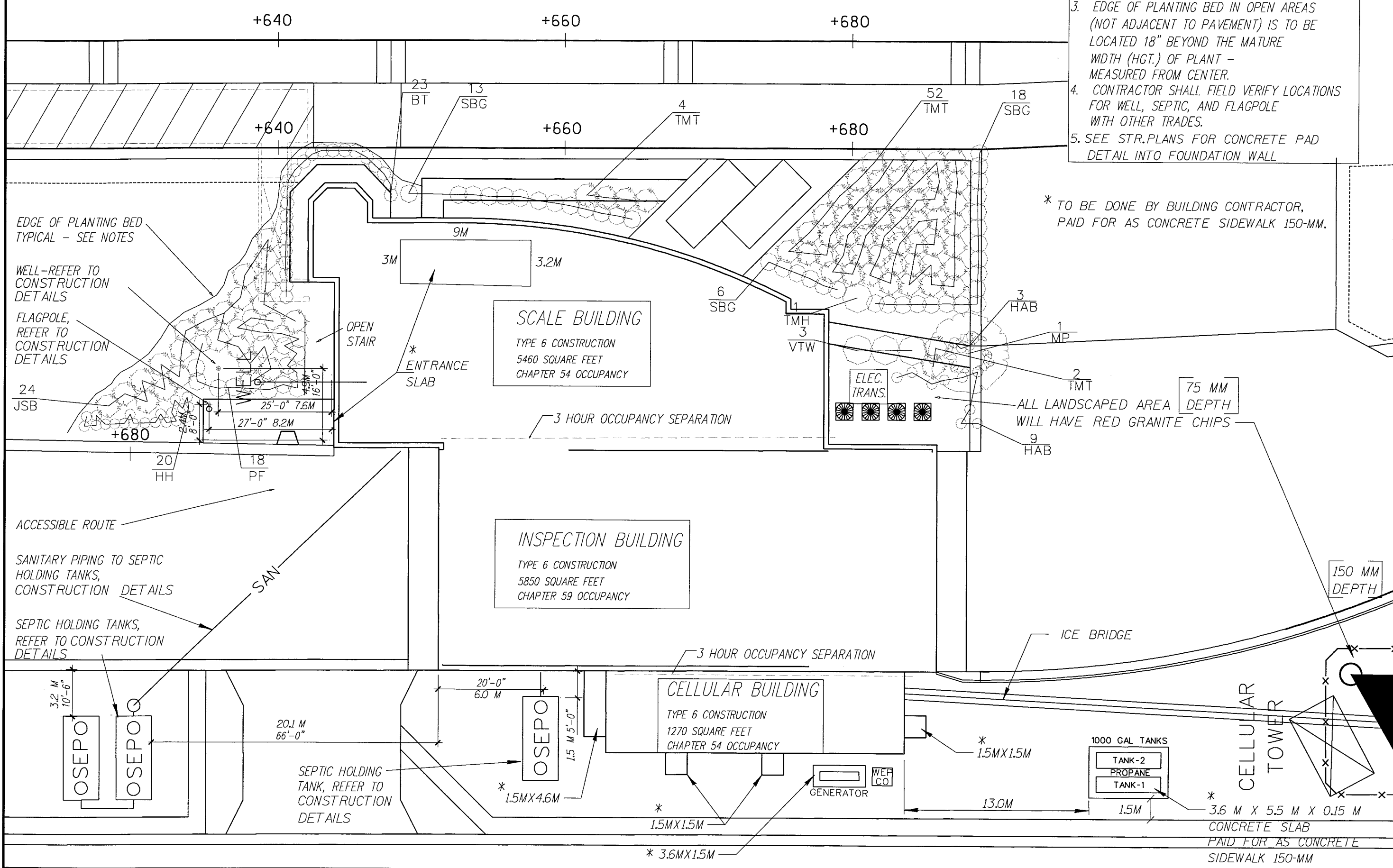
1000 GAL TANKS

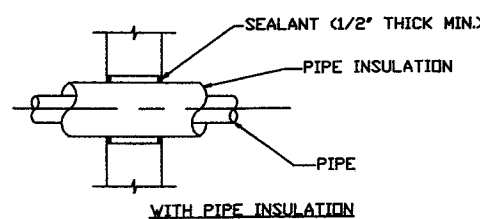
TANK-2
PROPANE

TANK-1

1.5M

— 3.6 M X 5.5 M X 0.15 M
CONCRETE SLAB
PAID FOR AS CONCRETE
SIDEWALK 150-MM





PERMANENT SLEEVE
REQ'D FOR CAVITY WALL

PIPE

FIRE RESISTANT SEALANT
(1/2" THICK MIN.)

WITHOUT PIPE INSULATION

PERMANENT SLEEVE
REQ'D FOR CAVITY WALL

VAPOR BARRIER SEALANT
WHERE COMPLETE VAPOR
BARRIER PROTECTION
SPECIFIED

PIPE INSULATION

FIRE RESISTANT SEALANT
(1/2" THICK MIN.)

PIPE

WITH PIPE INSULATION

NOTE: FLOOR FINISH VARIES REFER TO ROOM FINISH SCHEDULE.

CONCRETE

WATERPROOF MEMBRANE BY PLUMBING CONTRACTOR

STRUCTURAL SLAB

FLOOR DRAIN

GRAVEL BALAST

CAST IRON DOME (STANDARD)

WP ROOFING MEMBRANE

INSULATION TAPERED TOWARDS DRAIN

STEEL SUBSTRATE

UNDERDECK CLAMP

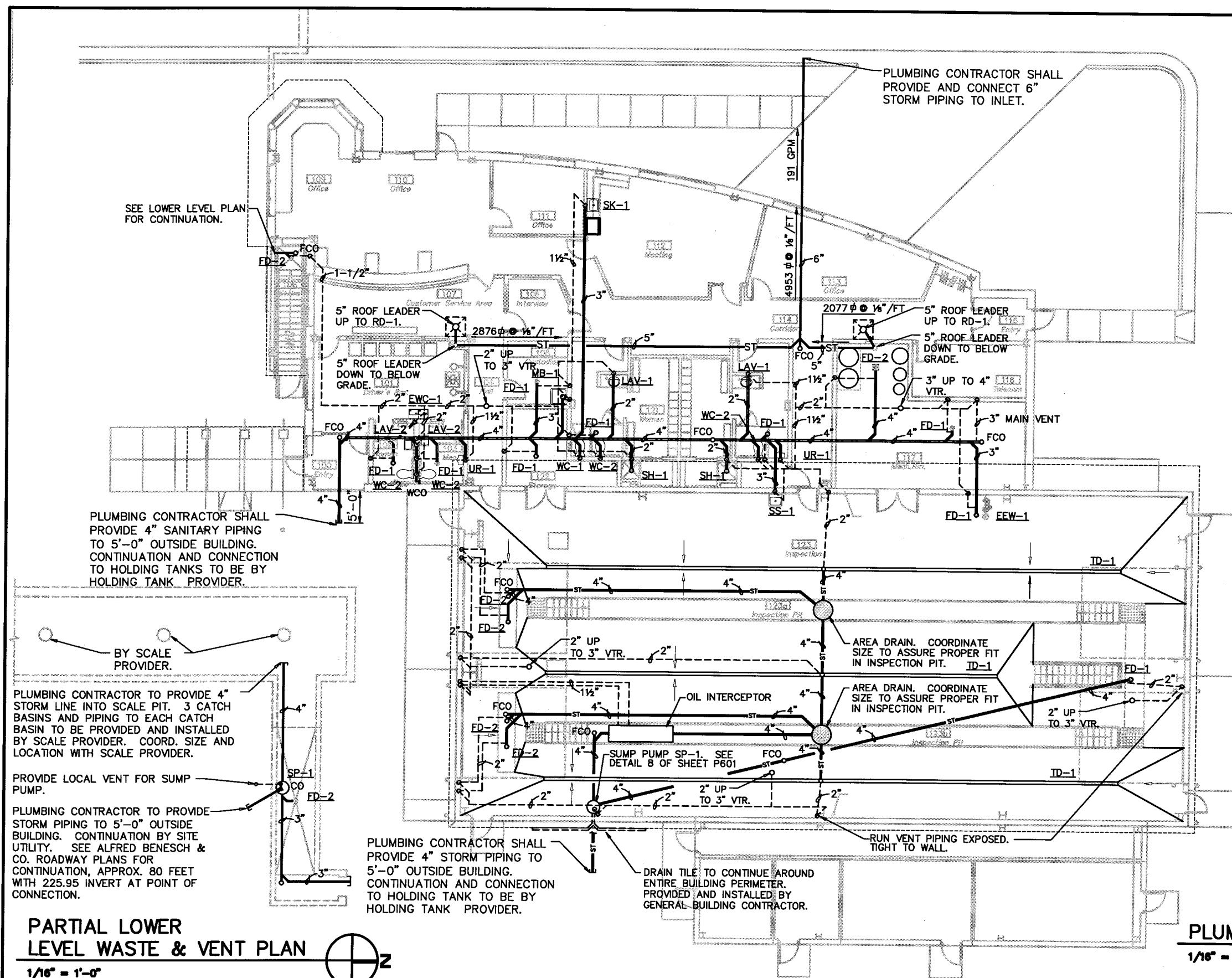
ROOF DRAIN



1. (2) HYDRA-MATIC SUBMERSIBLE PUMPS. SEE FIXTURE SCHEDULE FOR SIZES AND CAPACITIES.
2. DUPLEX CONTROL PANEL: NEMA 1) REMOTE MOUNTED) P.C. TO PROVIDE. COORDINATE WITH ELECTRICAL CONTRACTOR.
3. HIGH WATER ALARM TO BE CONNECTED TO BUILDING FIRE ALARM SYSTEM BY ELECTRICAL CONTRACTOR.
4. (4) SUSPENDED FLOAT SWITCHES WITH RELAYS & CABLES, LENGTH AS REQUIRED PER MANUFACTURERS RECOMMENDATION.
5. (1) DUPLEX BASIN COVER ASSEMBLY, 3/8" THICK FLUSH MOUNTED/READ PLATE STEEL ACCESS LIDS CRITICALLY COATING ON BOTTOM AND SECURING BOLTS. 1" BRACKETS FOR SUSPENDING FLOAT SWITCHES.
6. BASIN WALL SHALL BE MINIMUM 4" THICK POURED CONCRETE OR PRECAST SECTIONS. BASE SHALL BE POURED CONCRETE WITH #4 RE-BARS AT 12" O.C. EACH WAY. ENTIRE BASIN SHALL BE COMPLETELY WATERPROOFED.
7. RUN VENT AS TIGHT TO WALL AS POSSIBLE.



PLUMBING SYMBOL SCHEDULE	
SYMBOL	DESCRIPTION
	WASTE BELOW SLAB
	BELOW GRADE STORM PIPING
	WASTE ABOVE SLAB
	WATER SERVICE
	COLD WATER SUPPLY
	HOT WATER SUPPLY
	HOT WATER RECIRCULATION
	VENT
	GAS LINE
	PIPE UP
	PIPE DOWN
	CLEAN OUT
	BALL VALVE
	CHECK VALVE
	UNION
	GAS VALVE
FCO	FLOOR CLEAN OUT
YCO	YARD CLEAN OUT
VTR	VENT THROUGH ROOF
FD	FLOOR DRAIN
OSD	OPEN SITE DRAIN
GC	GENERAL CONTRACTOR
PC	PLUMBING CONTRACTOR
HC	HVAC CONTRACTOR
CW	DOMESTIC COLD WATER
HWS	DOMESTIC HOT WATER SOFT
CWS	DOMESTIC COLD WATER SOFT
RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
GC	GENERAL CONTRACTOR
PC	PLUMBING CONTRACTOR
HC	HVAC CONTRACTOR
EC	ELECTRICAL CONTRACTOR



PLUMBING PLAN NOTES:

1. PLUMBING CONTRACTOR SHALL PROVIDE ALL NECESSARY PIPING, FITTINGS AND VALVES AS REQUIRED FOR A COMPLETE AND OPERATIONAL PLUMBING SYSTEM THAT MEETS ALL STATE AND LOCAL CODES.
2. PLUMBING CONTRACTOR TO PROVIDE ACCESS PANELS WHERE NECESSARY TO ACCESS SHUT-OFF VALVES.
3. ALL SANITARY PIPING BELOW GRADE TO BE A MINIMUM OF 2" AND NOT EXCEED 20'-0" IN LENGTH PER CODE.
4. ALL VENT PIPING TO BE 1-1/2" UNLESS NOTED OTHERWISE.
5. PLUMBING CONTRACTOR TO PIPE CONDENSATE DRAIN FROM EACH FURNACE TO NEAREST FLOOR DRAIN.
6. IT IS THE RESPONSIBILITY OF THE SEPTIC/HOLDING TANK PROVIDER TO SIZE, DESIGN AND INSTALL THE SEPTIC SYSTEM, HOLDING TANK & CONNECT TO THE BUILDING SEWERS 5'-0" OUTSIDE OF BUILDING.
7. PLUMBING CONTRACTOR SHALL INSTALL ALL PIPING AND FIXTURES WITH THE COORDINATION OF ALL OTHER TRADES.
8. SEE RISER DIAGRAMS SHEET P201 FOR MORE WASTE AND VENT PIPING SIZES.
9. PLUMBING CONTRACTOR TO RUN ALL WATER, VENT AND GAS PIPING AS CLOSE TO CEILING STRUCTURE AS POSSIBLE IN INSPECTION AREA.
10. REFER TO ARCHITECTURAL DRAWINGS FOR SLOPES TO DRAINS.
11. GENERAL BUILDING CONTRACTOR TO PROVIDE AND INSTALL DRAIN TILE AROUND ENTIRE BUILDING PERIMETER.

PLUMBING WASTE & VENT PLAN

$$1/16'' = 1'-0''$$

PLANS PREPARED BY: NATIVE ENGINEERING, INC. WAUNAKEE, WI

STATE PROJECT NUMBER: 1032-08-70 (c)	HWY: INTERSTATE 94 AT ML	COUNTY: KENOSHA
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PLUMBING WASTE & VENT PLAN

SAFETY & WEIGHT FACILITY NO. 21

DATE: 1/1/02

SHEET NO: 168 OF

DWG.	P102
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