

8/30/01
STEWART W.
HUBBELL
Stuart W. Hubbell
No.
07420
COMMONWEALTH OF VIRGINIA
PROFESSIONAL ENGINEER



1. TITLE SHEET
2. ABBREVIATIONS & LEGEND
3. APPURTENANCES
4. TANK RELOCATION AND WATER LINES
5. TANK DETAILS
6. PEABODY TECTANK DETAILS
7. PEABODY TECTANK DETAILS

Issue Date: AUGUST 29, 2001	Drawn By: ARB	Checked By: SWH
	Designed By: WTA	Date:

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GLENN WILTON WATER SYSTEM IMPROVEMENTS

TITLE SHEET

BOTETOURT COUNTY, VIRGINIA

Vertical Scale:
N/A

Horizontal Scale:
N/A

Commission Number:
1852A

Sheet No.:

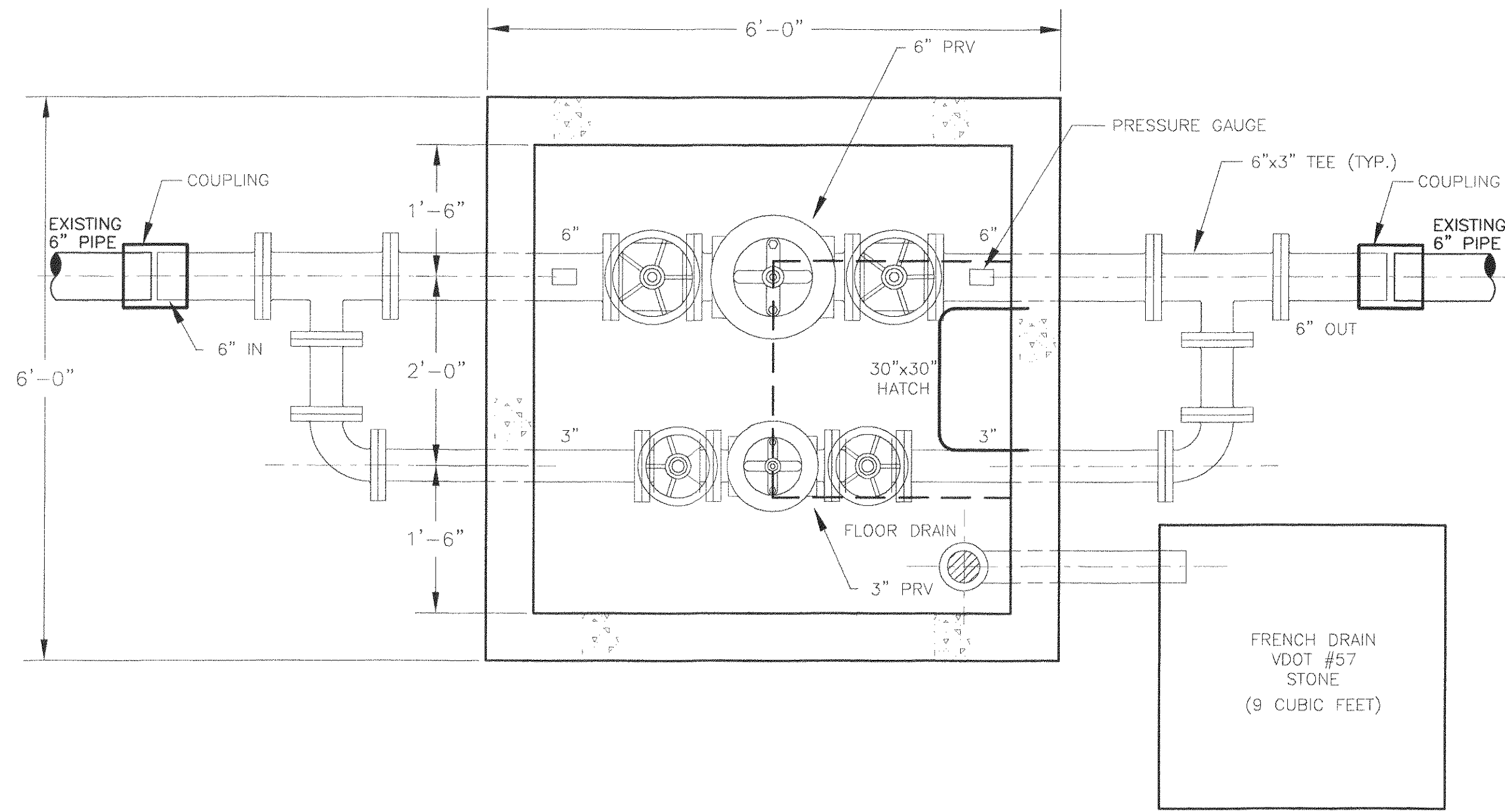
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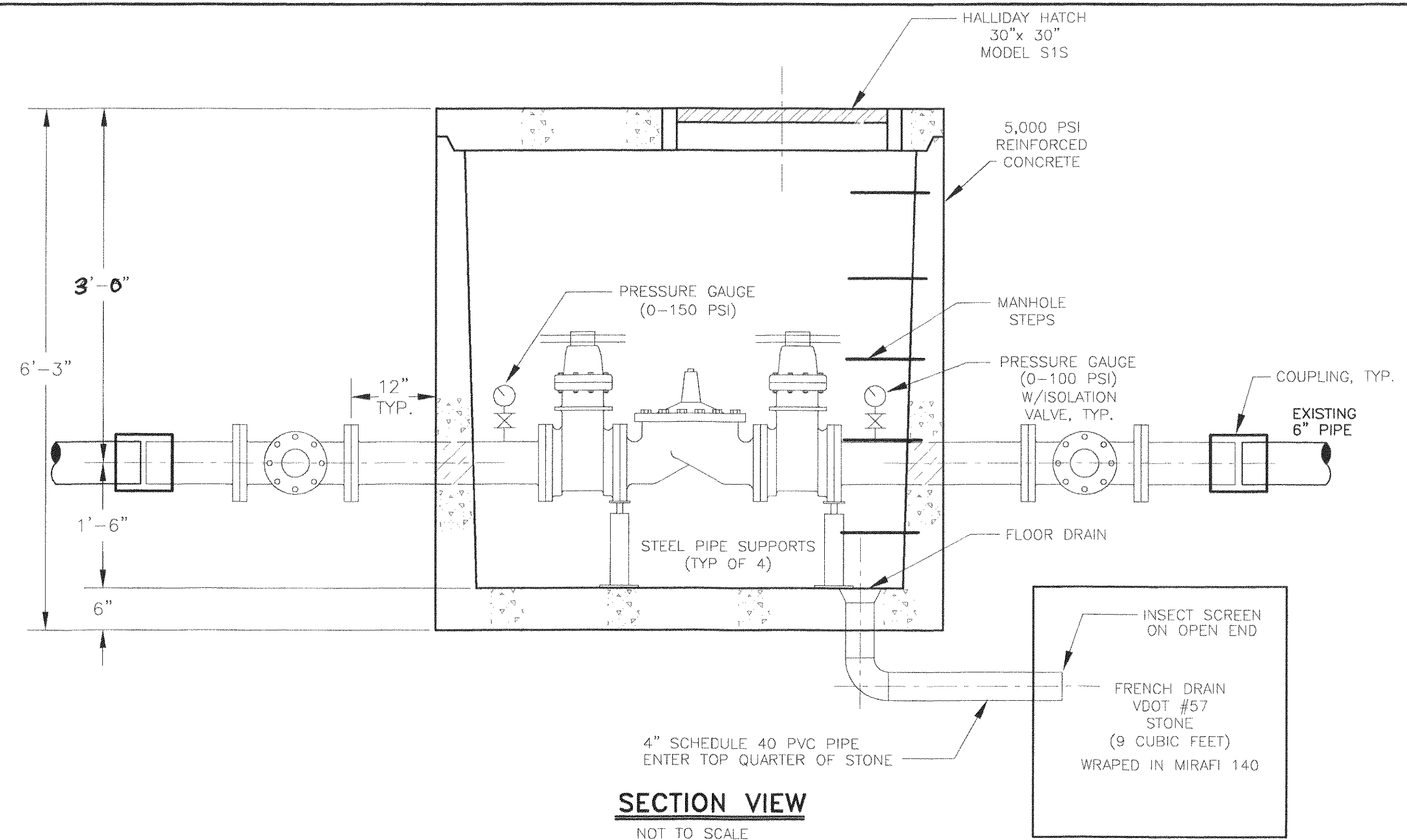
COMM. NO. 1852A

SET NO. 2

AB ABAN ABUT ABV ACT ADD ADJ AFF AGGR ALUM ALT ANC APPROX ARCH AWWA AVG BIT BJ BL BEG BLDG BLKG BM BOTT BP BRG BSMT BV C C/C, C TO C CAB CAP CF CG C & G, CC&G CI CIRC CKT CL CLR CONST COR CMP CMU CND CO COMB CONC CONN CONT CONTR CP CR STONE CSW CTR CULV CY D DEPT DF DI DIA DIM DISC DMH DN DR DS DTL DW,D/W DWL DWG E EA E.B.L. EF EJ EL, ELEV ELEC ENGR ENTR EOL EP EQ EQPT EW EXIST ANCHOR BOLT ABANDON OR ABANDONED ABUTMENT ABOVE ACOUSTICAL ADDITIONAL ADJACENT ABOVE FINISH FLOOR AGGREGATE ALUMINUM ALTERNATE ANCHOR APPROXIMATE ARCHITECTURAL AMERICAN WATER WORKS ASSOCIATION AVERAGE BITUMINOUS BELL JOINT BASE LINE BEGIN OR BEGINNING BUILDING BLOCKING BENCH MARK, BEAM BOTTOM BYPASS BEARING BASEMENT BUTTERFLY VALVE CHANNEL, COLD CENTER TO CENTER CABINET CAPACITY CUBIC FEET CHANGE OF GRADE CURB AND GUTTER , CONCRETE CAST IRON CIRCULAR CIRCUIT CENTER LINE CLEAR CONSTRUCTION CORNER CORRUGATED METAL PIPE CONCRETE MASONRY UNITS CONDUIT CLEAN OUT COMBINATION CONCRETE CONNECT, CONNECTION CONTINUOUS, CONTROL CONTRACTOR COORDINATE POINT CRUSHED STONE CONCRETE SIDEWALK CENTER CULVERT CUBIC YARD DEPTH OR DEGREE OF CURVE DEPARTMENT DRINKING FOUNTAIN DROP INLET, DUCTILE IRON DIAMETER DIMENSION DISCONNECT DROP MANHOLE DOWN DRIVE DOWN SPOUT DETAIL DRIVEWAY DWELLING DRAWING EAST EACH EASTBOUND LANE EACH FACE EXPANSION JOINT ELEVATION ELECTRICAL ENGINEER ENTRANCE END OF LINE EDGE OF PAVEMENT EQUAL EQUIPMENT EACH WAY, ENDWALL EXISTING EXP EXT FR FD FDN FES FF FFE FH FIG FIN FIXT FL FLEX FLG FT FTG FUT GAL GALV GAR GND GR GOVT GPM GRTG GV GW H HB HK HM HOR, HORIZ HP HPT HYD IN INCH INSUL INVERT IP JT JB L LF LG LONG LP LR LT LTG MACH MAS MATL MAX MB MECH MFR MH MIN MISC MJ MO MON MTD MTG MTL MV N & C NIC NO NTS OC OD OPER OPNG OPP PB PC PCC PER PERF PERP PI PIV PL PLYWD POL EXPANSION EXTERIOR FRAME FLOOR DRAIN FOUNDATION FLARED END SECTION FINISH FLOOR FINISHED FLOOR ELEVATION FIRE HYDRANT FIGURE FINISH FIXTURE FLOOR FLEXIBLE FLANGE FOOT FOOTING FUTURE GALLON GALVANIZED GARAGE GROUND GRAVEL GOVERNMENT GALLONS PER MINUTE GRATING GAS VALVE GRAY WATER HOT HOSE BIBB HOOK HOLLOW METAL HORIZONTAL HORSE POWER HIGH POINT HYDRANT INSIDE DIAMETER INCH INSULATION INVERT IRON PIN JOINT JUNCTION BOX LENGTH, LONG LINEAL FOOT LONG LIGHT POLE LONG RADIUS LEFT LIGHTING MACHINERY MASONRY MATERIAL MAXIMUM MAILBOX MECHANICAL MANUFACTURER MANHOLE, MOUNTING HEIGHT MINIMUM MISCELLANEOUS MECHANICAL JOINT MASONRY OPENING MONUMENT MOUNTED MOUNTING METAL MUD VALVE NAIL AND CAP NOT IN CONTRACT NUMBER NOT TO SCALE ON CENTERS OUTSIDE DIAMETER OPERATOR OPENING OPPOSITE PAPER BOX POINT OF CURVE POINT OF COMPOUND PERIMETER PERFORATED PERPENDICULAR POINT OF INTERSECTION POST INDICATOR VALVE PLATE, PROPERTY LINE PLYWOOD POINT ON LINE PP POT PRC PSI PT PVC PVI PVMT PVT R RAS RR RCP RD RDCR RECPT RECT REINF REF REL REQD REV RTE RT R/W S SAN SCH SD SECT SER SH SHTG SIM SPEC SP SQ SS ST STA STD STL STRUCT STY SUR SURF S/W SYMM T T & B TDC TELE TEMP THK TP TRTD TS TV TW TYP UG UON U.S.C.&G.S. USGS V, VAL VAP BAR VC VERT VOL VDOT V.S.D. W.B.L. W W/ WD WL W/O WS WT WVDH WWF POWER POLE POINT ON TANGENT POINT OF REVERSE CURVE POUNDS PER SQUARE INCH POINT OF TANGENT POLYVINYL CHLORIDE POINT OF VERTICAL INTERSECTION PAVEMENT PRIVATE RADIUS, RISER RETURN ACTIVATED SLUDGE RAIL ROAD REINFORCED CONCRETE PIPE ROOF DRAIN, ROAD REDUCER RECEPTACLE RECTANGULAR REINFORCE, REINFORCEMENT REFERENCE RELOCATED REQUIRED REVISION ROUTE RIGHT RIGHT OF WAY SANITARY SEWER, SOUTH, SWITCH SANITARY SCHEDULE STORM DRAIN SECTION SERVICE SHEET SHEETING SIMILAR SPECIFICATION SIGNAL POLE SQUARE STAINLESS STEEL STREET STATION STANDARD STEEL STRUCTURAL STORY SURVEY SURFACE SIDEWALK SYMMETRICAL TREAD, TOP TOP AND BOTTOM TURNED DOWN CURB TELEPHONE TEMPORARY THICK TELEPHONE POLE TREATED TOP OF SLAB TELEVISION TOP OF WALL TYPICAL UNDERGROUND UNLESS OTHERWISE NOTED UNITED STATES COAST AND GEODETIC SURVEY UNITED STATES GEOLOGICAL SURVEY VALVE VAPOR BARRIER VERTICAL CURVE VERTICAL VOLUME VIRGINIA DEPARTMENT OF TRANSPORTATION VERTICAL SIGHT DISTANCE WEST BOUND LANE WIDE FLANGE, WIDE WITH WOOD WATER LINE WITHOUT WATER SURFACE WATERTIGHT, WEIGHT WEST VIRGINIA DEPARTMENT OF HIGHWAYS WELDED WIRE FABRIC	MATERIALS SYMBOLS METAL BRICK CONCRETE MASONRY CONCRETE GROUT OR FINISHED CONCRETE INSULATION (RIGID) WOOD BLOCKING FINISHED WOOD OR PLYWOOD GRAVEL OR STONE EARTH EROSION AND SEDIMENT CONTROL SYMBOLS CULVERT INLET PROTECTION STORM DRAIN INLET PROTECTION DIVERSION TEMPORARY SEDIMENT TRAP TEMPORARY GRAVEL CONSTRUCTION ENTRANCE RIPRAP SILT FENCE TREE PROTECTION EXISTING NEW DESCRIPTION BUILDING WITH PORCH OR STOOP FOUNDATION ONLY CONTOUR, CONTOUR WITH ELEVATION SPOT ELEVATION CONCRETE CURB CONCRETE CURB & GUTTER CONCRETE WALK OR SLAB EDGE OF PAVEMENT UNPAVED OR GRAVEL ROAD TREE LINE TREE OR SHRUB FENCE CENTERLINE CREEK, SWALE OR DITCH PROPERTY LINE BASELINE LIMIT OF WORK LINE FIELD SURVEY TRAVERSE POINT P.C. 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EXP EXT FR FD FDN FES FF FFE FH FIG FIN FIXT FL FLEX FLG FT FTG FUT GAL GALV GAR GND GR GOVT GPM GRTG GV GW H HB HK HM HOR, HORIZ HP HPT HYD IN INCH INSUL INVERT IP JT JB L LF LG LONG LP LR LT LTG MACH MAS MATL MAX MB MECH MFR MH MIN MISC MJ MO MON MTD MTG MTL MV N & C NIC NO NTS OC OD OPER OPNG OPP PB PC PCC PER PERF PERP PI PIV PL PLYWD POL EXPANSION EXTERIOR FRAME FLOOR DRAIN FOUNDATION FLARED END SECTION FINISH FLOOR FINISHED FLOOR ELEVATION FIRE HYDRANT FIGURE FINISH FIXTURE FLOOR FLEXIBLE FLANGE FOOT FOOTING FUTURE GALLON GALVANIZED GARAGE GROUND GRAVEL GOVERNMENT GALLONS PER MINUTE GRATING GAS VALVE GRAY WATER HOT HOSE BIBB HOOK HOLLOW METAL HORIZONTAL HORSE POWER HIGH POINT HYDRANT INSIDE DIAMETER INCH INSULATION INVERT IRON PIN JOINT JUNCTION BOX LENGTH, LONG LINEAL FOOT LONG LIGHT POLE LONG RADIUS LEFT LIGHTING MACHINERY MASONRY MATERIAL MAXIMUM MAILBOX MECHANICAL MANUFACTURER MANHOLE, MOUNTING HEIGHT MINIMUM MISCELLANEOUS MECHANICAL JOINT MASONRY OPENING MONUMENT MOUNTED MOUNTING METAL MUD VALVE NAIL AND CAP NOT IN CONTRACT NUMBER NOT TO SCALE ON CENTERS OUTSIDE DIAMETER OPERATOR OPENING OPPOSITE PAPER BOX POINT OF CURVE POINT OF COMPOUND PERIMETER PERFORATED PERPENDICULAR POINT OF INTERSECTION POST INDICATOR VALVE PLATE, PROPERTY LINE PLYWOOD POINT ON LINE PP POT PRC PSI PT PVC PVI PVMT PVT R RAS RR RCP RD RDCR RECPT RECT REINF REF REL REQD REV RTE RT R/W S SAN SCH SD SECT SER SH SHTG SIM SPEC SP SQ SS ST STA STD STL STRUCT STY SUR SURF S/W SYMM T T & B TDC TELE TEMP THK TP TRTD TS TV TW TYP UG UON U.S.C.&G.S. USGS V, VAL VAP BAR VC VERT VOL VDOT V.S.D. W.B.L. W W/ WD WL W/O WS WT WVDH WWF POWER POLE POINT ON TANGENT POINT OF REVERSE CURVE POUNDS PER SQUARE INCH POINT OF TANGENT POLYVINYL CHLORIDE POINT OF VERTICAL INTERSECTION PAVEMENT PRIVATE RADIUS, RISER RETURN ACTIVATED SLUDGE RAIL ROAD REINFORCED CONCRETE PIPE ROOF DRAIN, ROAD REDUCER RECEPTACLE RECTANGULAR REINFORCE, REINFORCEMENT REFERENCE RELOCATED REQUIRED REVISION ROUTE RIGHT RIGHT OF WAY SANITARY SEWER, SOUTH, SWITCH SANITARY SCHEDULE STORM DRAIN SECTION SERVICE SHEET SHEETING SIMILAR SPECIFICATION SIGNAL POLE SQUARE STAINLESS STEEL STREET STATION STANDARD STEEL STRUCTURAL STORY SURVEY SURFACE SIDEWALK SYMMETRICAL TREAD, TOP TOP AND BOTTOM TURNED DOWN CURB TELEPHONE TEMPORARY THICK TELEPHONE POLE TREATED TOP OF SLAB TELEVISION TOP OF WALL TYPICAL UNDERGROUND UNLESS OTHERWISE NOTED UNITED STATES COAST AND GEODETIC SURVEY UNITED STATES GEOLOGICAL SURVEY VALVE VAPOR BARRIER VERTICAL CURVE VERTICAL VOLUME VIRGINIA DEPARTMENT OF TRANSPORTATION VERTICAL SIGHT DISTANCE WEST BOUND LANE WIDE FLANGE, WIDE WITH WOOD WATER LINE WITHOUT WATER SURFACE WATERTIGHT, WEIGHT WEST VIRGINIA DEPARTMENT OF HIGHWAYS WELDED WIRE FABRIC	EXISTING NEW DESCRIPTION BUILDING WITH PORCH OR STOOP FOUNDATION ONLY CONTOUR, CONTOUR WITH ELEVATION SPOT ELEVATION CONCRETE CURB CONCRETE CURB & GUTTER CONCRETE WALK OR SLAB EDGE OF PAVEMENT UNPAVED OR GRAVEL ROAD TREE LINE TREE OR SHRUB FENCE CENTERLINE CREEK, SWALE OR DITCH PROPERTY LINE BASELINE LIMIT OF WORK LINE FIELD SURVEY TRAVERSE POINT P.C. OR P.T. GEOLOGIC BORE HOLE STORM DRAIN AND ENDWALL SANITARY SEWER FORCE MAIN GAS MAIN OR SERVICE LINE WATER MAIN OR SERVICE LINE ELECTRICAL LINE UNDERGROUND ELECTRICAL LINE PIPE FITTINGS FIRE HYDRANT GATE VALVE WATER VALVE CLEANOUT MANHOLE DROP INLET (CURB AND GRATING TYPES) G.M. - GAS METER, W.M. - WATER METER TELEPHONE LINE UNDERGROUND TELEPHONE LINE TELEPHONE POLE, GUY AND ANCHOR POWER POLE, GUY AND ANCHOR LIGHT POLE SIGNAL POLE TELEPHONE PEDESTAL BURIED TELEPHONE VAULT ABANDON OR REMOVE PAVED DITCH DRIVEWAY CULVERT CULVERT WITH FLARED END SECTION HUB AND TACK COORDINATE POINT DETAIL/SECTION NUMBER 1.4 6 8 SHEET WHERE DETAIL/SECTION IS CUT SHEET WHERE DETAIL/SECTION IS DRAWN	8/30/01 STEWART W. HUBBELL 07420 PROFESSIONAL ENGINEER Issue Date: August 29, 2001 Drawn By: ARB Designed By: WTA Checked By: SWH Date: Vertical Scale: N/A Horizontal Scale: N/A Commission Number: 1852A Sheet No.: 2



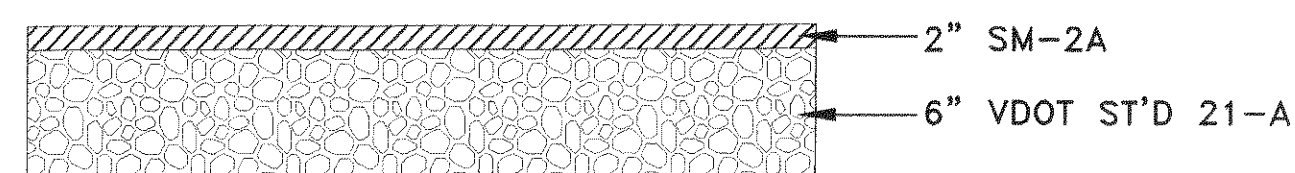
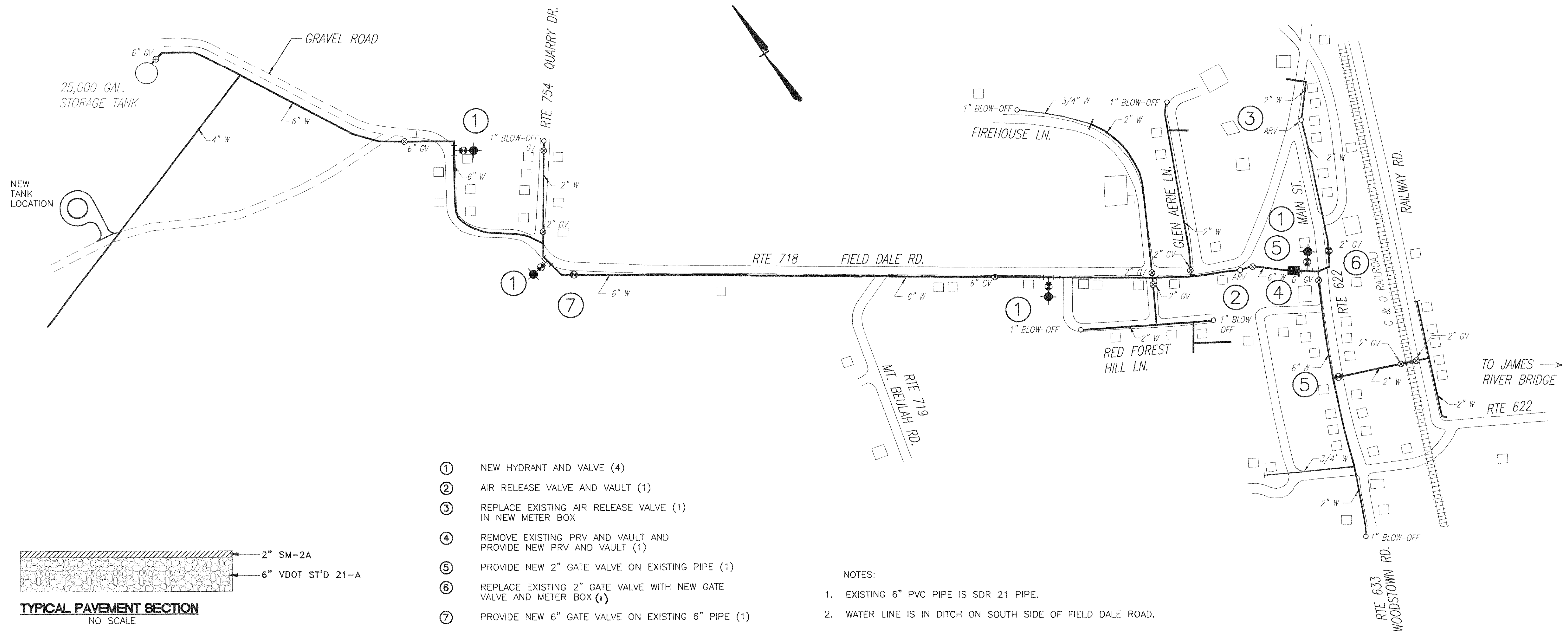
PLAN VIEW
NOT TO SCALE



SECTION VIEW
NOT TO SCALE

6" PRESSURE REDUCING VALVE VAULT W/3" PRV BYPASS

NOTE:
WORK IN THIS AREA
SEE SHEET 4

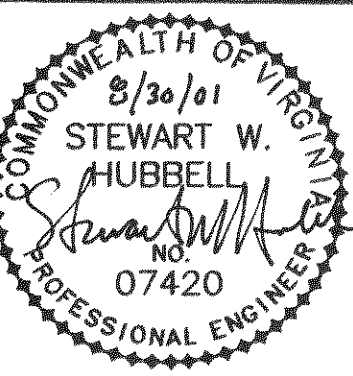


TYPICAL PAVEMENT SECTION
NO SCALE

- ① NEW HYDRANT AND VALVE (4)
- ② AIR RELEASE VALVE AND VAULT (1)
- ③ REPLACE EXISTING AIR RELEASE VALVE (1) IN NEW METER BOX
- ④ REMOVE EXISTING PRV AND VAULT AND PROVIDE NEW PRV AND VAULT (1)
- ⑤ PROVIDE NEW 2" GATE VALVE ON EXISTING PIPE (1)
- ⑥ REPLACE EXISTING 2" GATE VALVE WITH NEW GATE VALVE AND METER BOX (1)
- ⑦ PROVIDE NEW 6" GATE VALVE ON EXISTING 6" PIPE (1)

NOTES:

1. EXISTING 6" PVC PIPE IS SDR 21 PIPE.
2. WATER LINE IS IN DITCH ON SOUTH SIDE OF FIELD DALE ROAD.



Date	
Revisions	

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GLEN WILTON WATER SYSTEM IMPROVEMENTS
APPURTENANCES
BOTETOURT COUNTY, VIRGINIA

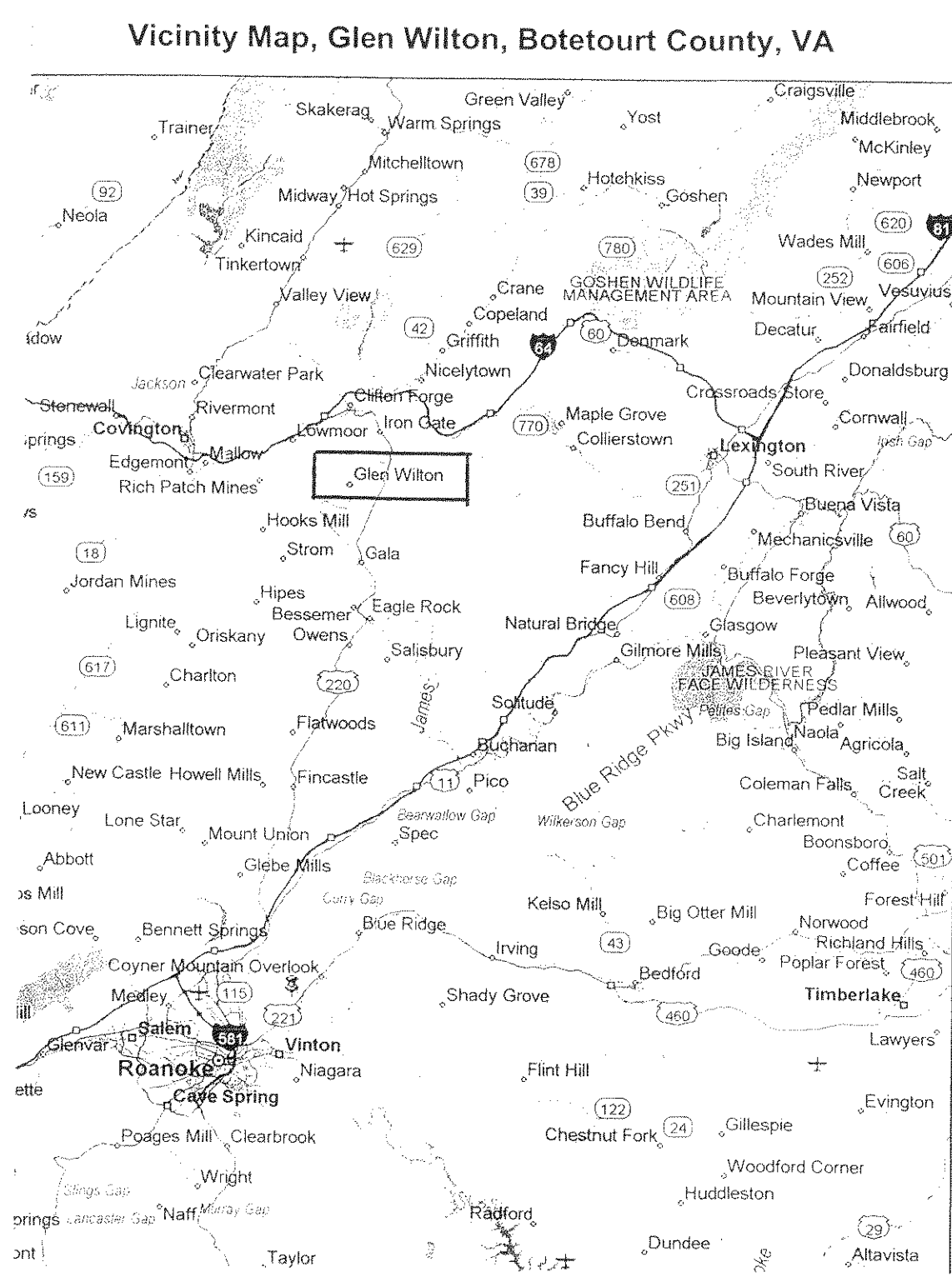
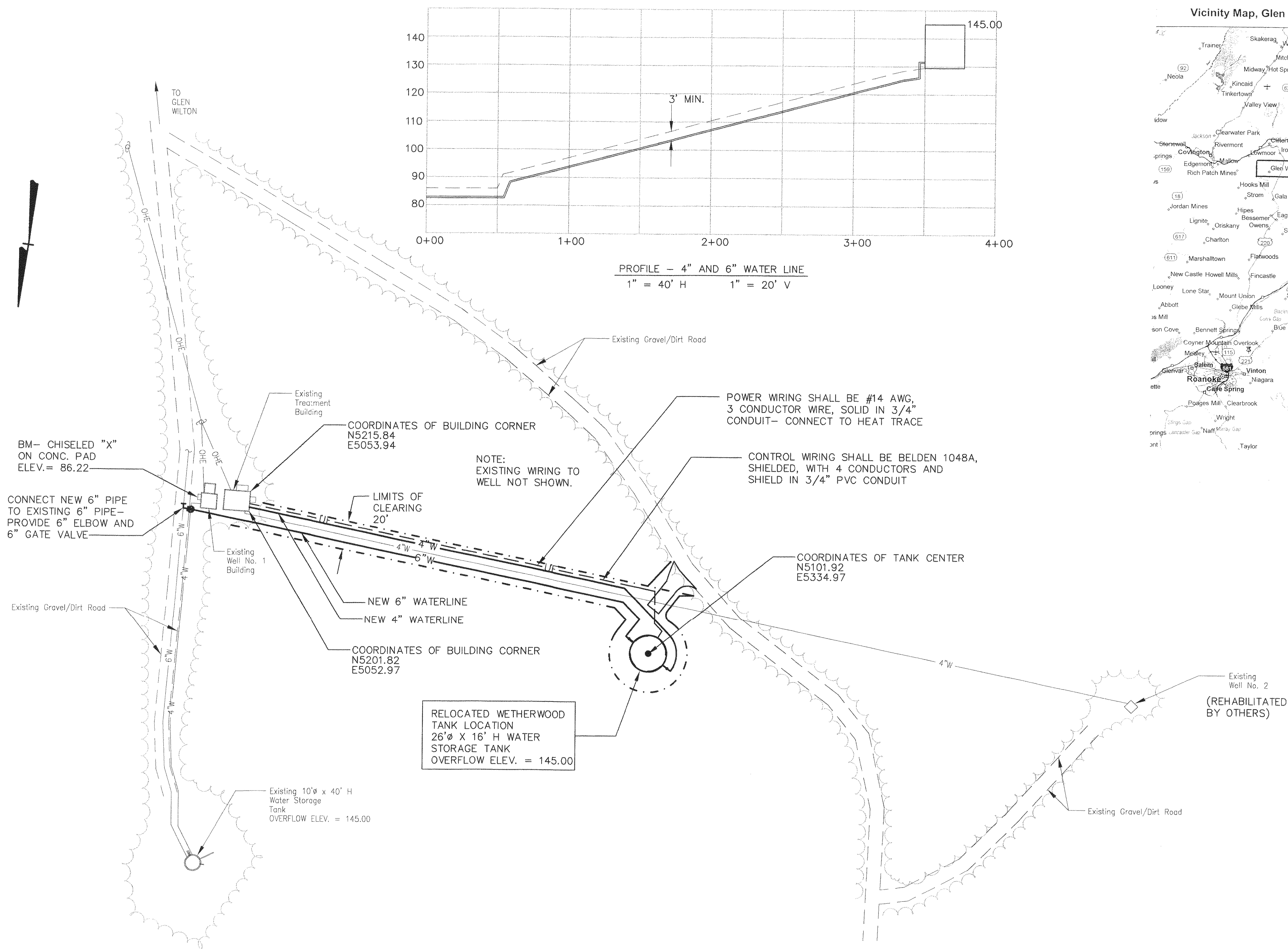
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Horizontal Scale:
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1852A

Sheet No.:

3



4/17/01
STEWART W. HUBBELL
PROFESSIONAL ENGINEER
NO. 07420

Revisions	Date
1	9/17/01

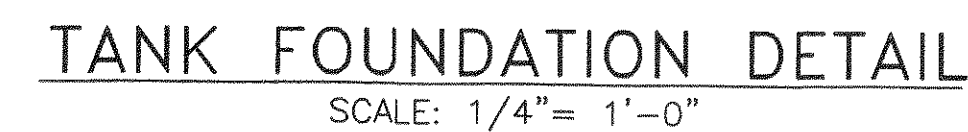
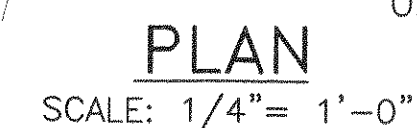
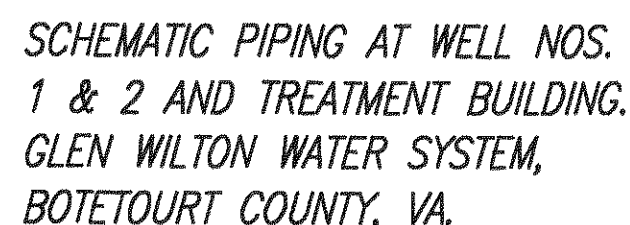
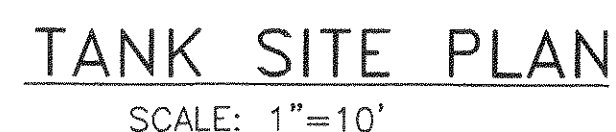
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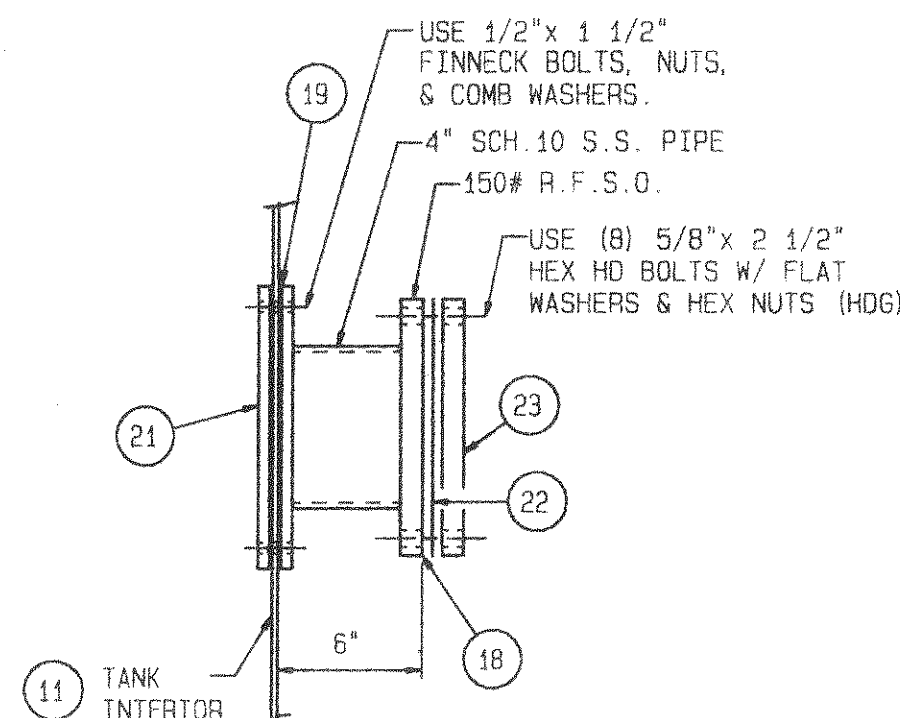
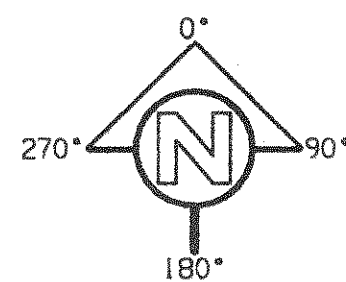
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GLEN WILTON WATER SYSTEM IMPROVEMENTS
**TANK RELOCATION
AND WATER LINES**
BOTETOURT COUNTY, VIRGINIA

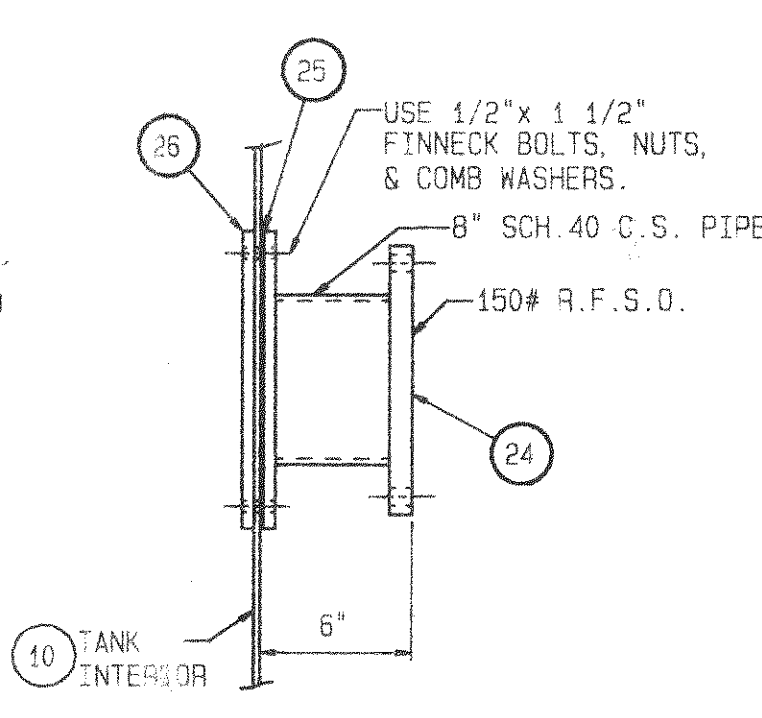
Vertical Scale:	N/A
Horizontal Scale:	1" = 40'
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1. HEAT TRACE AND INSULATE (TO MINUS 10°F) INLET PIPE, OUTLET PIPE, AND DRAIN PIPE.
2. TANK IS NOMINALLY 64,304 GALLONS. OVERFLOW MATCHES OVERFLOW ELEVATION OF OLD TANK.



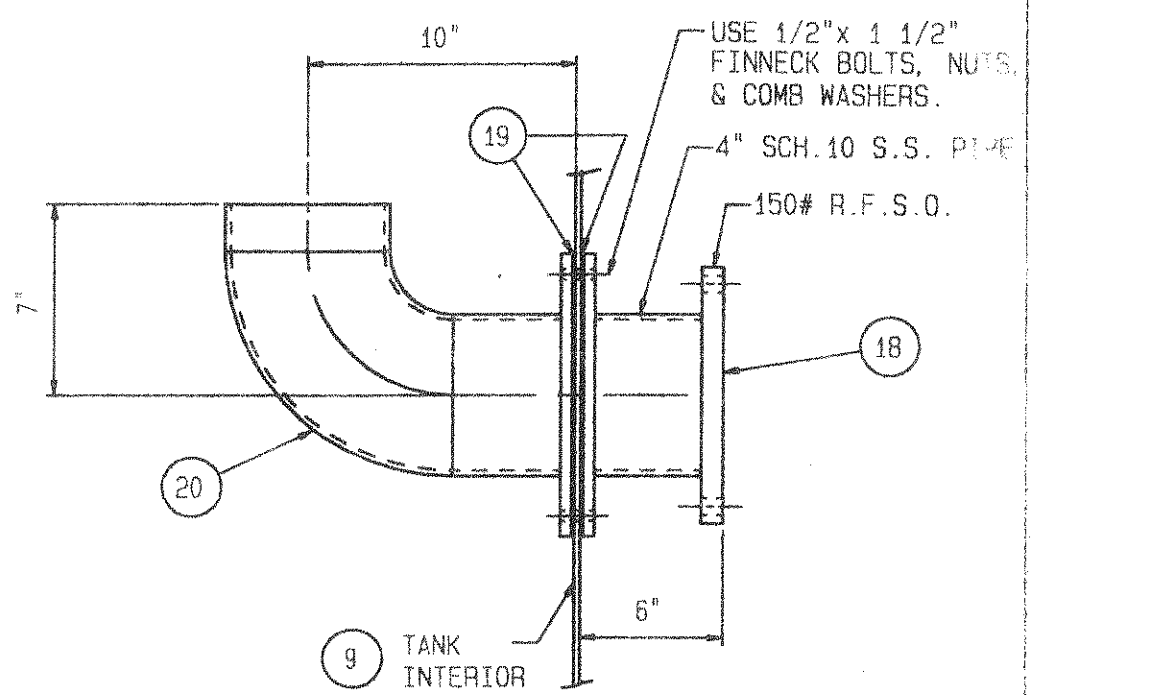


DETAIL ITEM # 11

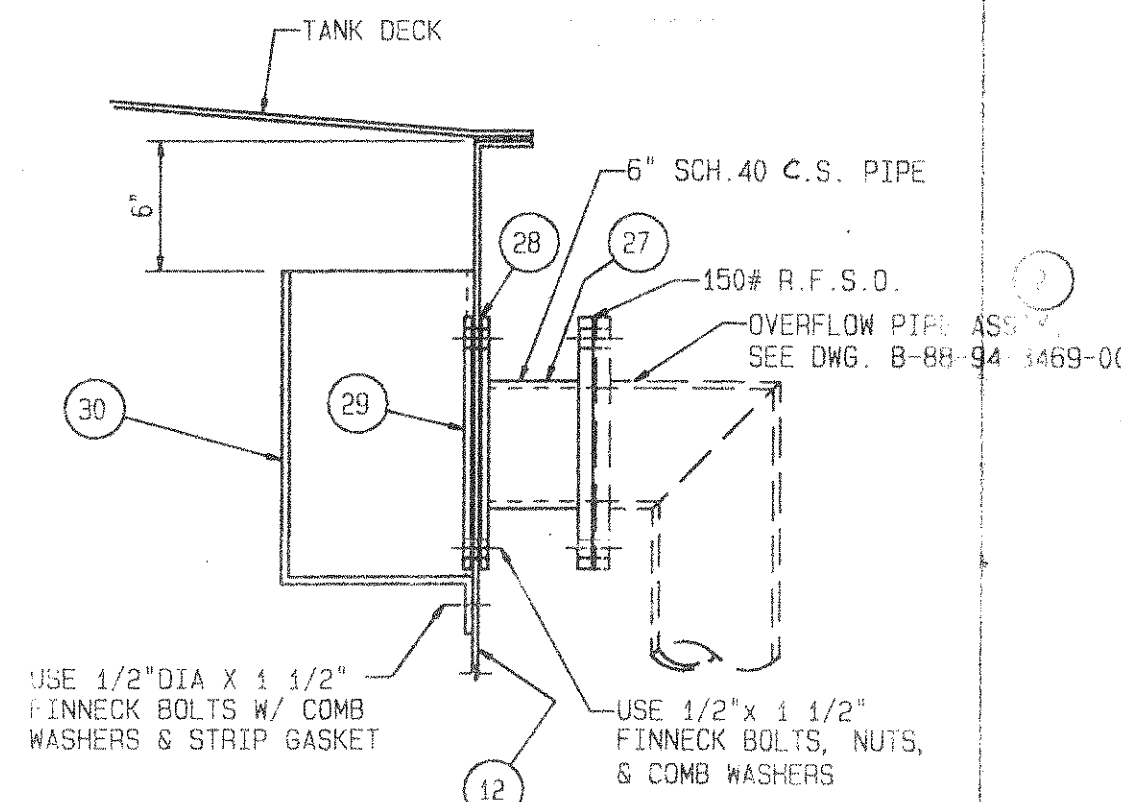


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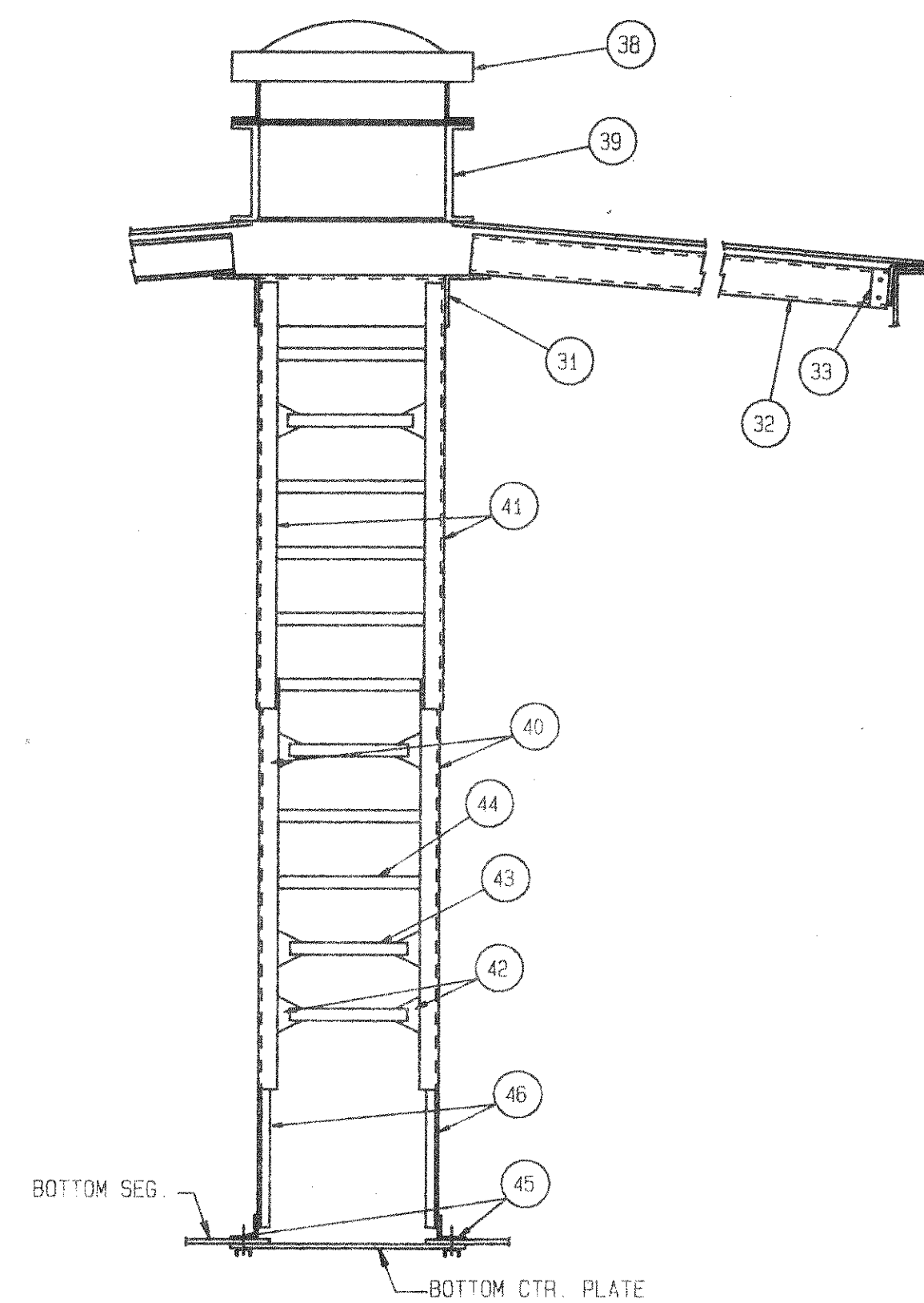
ACCESSORY ORIENTATION CHART					
ITEM	SERVICE	SIZE	REF. DEGREE	RADIUS	ELEVATION FROM TOP OF BOTTOM SEGMENT TO CTR. OF ACCESSORY UNLESS NOTED OTHERWISE
8	CLEANOUT	24"X46"	245	---	4'-0"
9	INLET	4"	0	---	1'-6"
10	OUTLET	8"	180	---	8"
11	DRAIN	4"	230	---	8"
12	OVERFLOW	6"	225	---	14'-6 3/8"
35	ROOF HATCH	24"SQ	193.9	11'-8"	---
37	L.L.I.	STD	245	11'-9"	---
38	MUSHROOM VENT	20"	CTR.	---	---



DETAIL ITEM # 9



DETAIL ITEM # 12



DETAIL CENTER SUPPORT LADDER

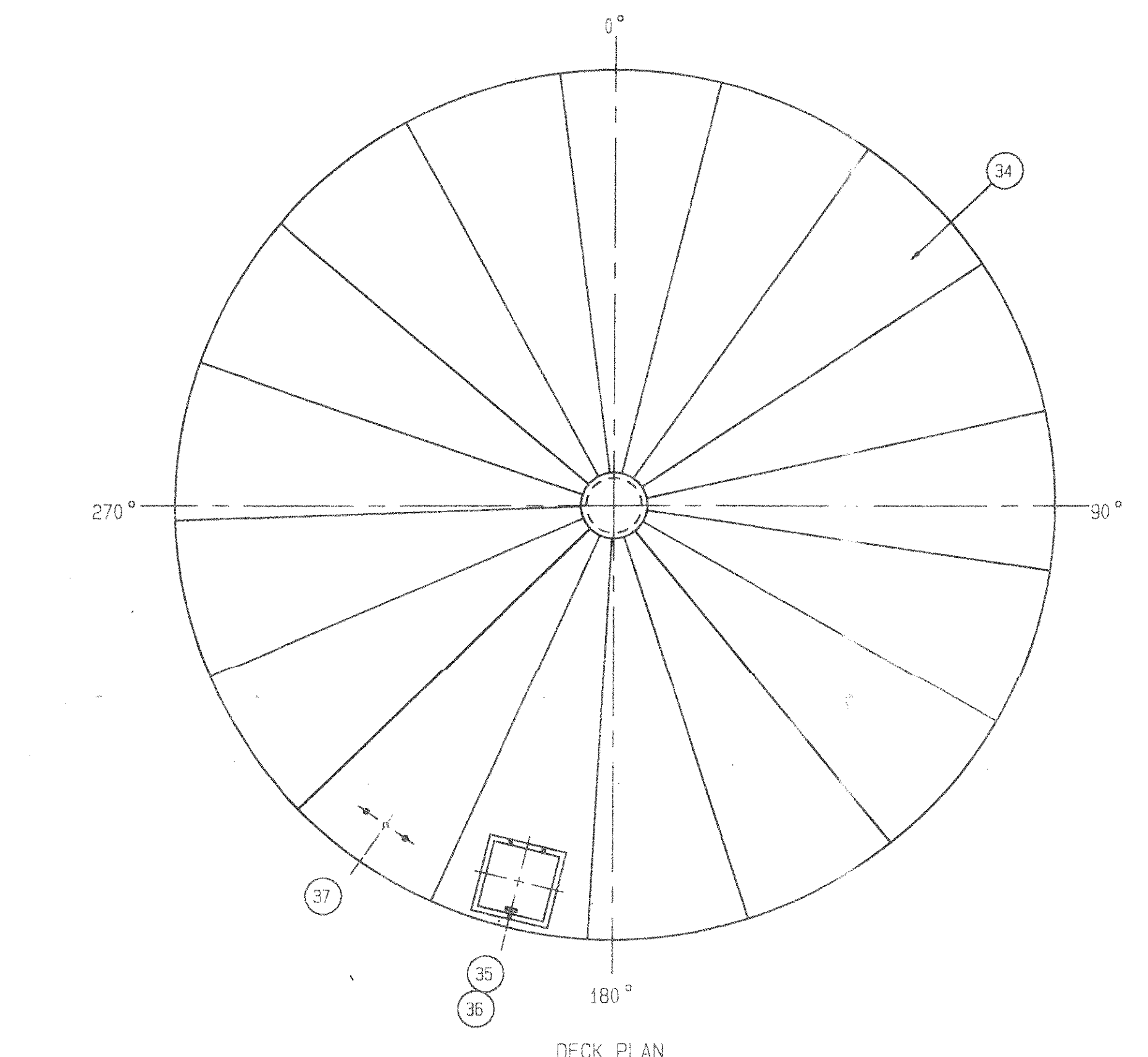
ITEM	QTY	PART NO.	DESCRIPTION
1	1	10-00-0000-00	PTT LOGO
2	1	88-94-3469-00	6" OVERFLOW ASSY
3	1	10-09-0113-59	BOTTOM CENTER PLATE 10GA 34HLS
4	17	50-26-0342-00	BOTTOM SEG 12GA PLAIN
5	1	18-06-1030-00	ANGLE 2X2X1/8 30HLS
6	29	50-26-0109-30	STAVE 12GA 1RV PLAIN
7	1	88-94-3469-01	STAVE 12GA 1RV W/CLEANOUT PCHG
8	1	88-94-3469-02	STAVE 12GA 1RV W/4" FLANGE PCHG
9	1	88-94-3469-03	STAVE 12GA 1RV W/8" FLANGE PCHG
10	1	88-94-3469-04	STAVE 12GA 1RV W/4" FLANGE PCHG
11	1	88-94-3469-05	STAVE 12GA 1RV W/6" FLG & WEIR BOX
12	1	10-15-0154-46	CLEANOUT COVER 12GA UPPER 1RV
13	1	88-94-3469-08	CLEANOUT COVER 12GA LOWER 1RV
14	1	10-09-0269-13	COVER HANDHOLE
15	1	10-09-0654-35	NAMEPLATE LIQUID
16	2	10-09-0879-77	FLG ASSY 4" W/150# RFSO
17	3	50-88-0510-02	FLANGE GASKET 4" EPDM
18	1	88-94-3469-06	4" FLG W/ 90DEG ELBOW
19	1	10-09-0999-02	BACKUP PLATE 4"
20	1	88-94-3469-07	1/2" MESH SCREEN 9" DIA GALV
21	1	50-80-0916-40	FLANGE, 4" DRILL 150#
22	1	10-09-0879-78	FLG ASSY 8" W/150# RFSO
23	1	50-88-0510-05	FLANGE GASKET 8" EPDM
24	1	10-09-0999-05	BACKUP PLATE 8"
25	1	10-09-0879-74	FLG ASSY 6" W/150# RFSO
26	1	50-88-0510-04	FLANGE GASKET 6" EPDM
27	1	10-09-0999-04	BACKUP PLATE 6"
28	1	50-88-0375-77	WEIR BOX
29	1	50-26-0104-18	RAFTER RING
30	17	50-26-0102-87	RAFTER CHANNEL C5X6.7#
31	17	10-29-0120-23	RAFTER HANGER
32	15	50-26-0105-00	DECK SEG 12GA PLAIN
33	1	50-26-0412-24	DECK SEG 12GA W/24" SQ MM PCHG
34	1	10-00-6401-00	24" SQ ROOF MANWAY ASSY
35	1	50-26-0412-67	DECK SEG 12GA W/L L.I. PCHG
36	1	50-80-0305-52	20" VENT W/INSECT SCREEN
37	1	10-09-0115-64	DOME NECK 34-28 HLS
38	2	10-09-0136-00	LADDER STRINGER BOTTOM
39	2	10-09-0135-00	LADDER STRINGER UPPER
40	8	10-09-0167-00	GUSSET LADDER RUNG
41	4	10-09-0330-00	LADDER RUNG TYPE A
42	8	10-09-0134-00	LADDER RUNG
43	2	10-09-0331-00	CLIP FOOTING
44	4	10-09-0332-00	LADDER LEG BASE

- SAFETY/OPERATIONAL NOTES:**
- DO NOT FIELD CUT ANY OPENINGS IN TANK WITHOUT WRITTEN CONSENT FROM THE ENGINEERING DEPARTMENT OF PEABODY TECTANK.
 - WIND BRACING TO BE FURNISHED BY CUSTOMER AS REQUIRED FOR EQUIPMENT ON TOP OF TANK.
 - TANK FOUNDATIONS SHALL BE LEVEL WITHIN 1/8" IN ANY 30 FT. CIRCUMFERENCE UNDER THE SHELL. LEVELNESS ON THE CIRCUMFERENCE SHALL NOT VARY MORE THAN 1/4" FROM AN ESTABLISHED PLANE. FOUNDATIONS SHALL CONFORM TO AWWA D103 STANDARDS, LATEST EDITION. ALL NECESSARY GROUT, FIBERBOARD, SAND, ETC., TO BE FURNISHED BY OTHERS UNLESS OTHERWISE SPECIFIED.
 - APPLICATION OF LOADS TO TANK FROM EQUIPMENT, OTHER THAN NOTED ON THIS DRAWING, MUST BE APPROVED IN WRITING BY PEABODY TECTANK ENGINEERING PRIOR TO INSTALLATION.
 - THIS TANK IS DESIGNED AS AN ATMOSPHERIC UNIT THAT OPERATES ON AN EQUALIZED PRESSURE INTERNALLY AND EXTERNALLY, UNLESS OTHERWISE STATED ON THE ERECTION DRAWING. CUSTOMER IS TO ASSURE PROPER VENTILATION IS PROVIDED AND MAINTAINED.
- ERECTION NOTES:**
- USE ONLY BOLTS FURNISHED WITH THE TANK. BOLTS MUST MEET SPECIAL HIGH STRENGTH REQUIREMENTS.
 - RECT TANK SEGMENTS IN A COUNTER-CLOCKWISE DIRECTION.
 - TANK SHALL BE ADEQUATELY BRACED DURING ERECTION TO ELIMINATE DAMAGE WHICH MAY BE CAUSED BY WIND.
 - TANK STAVES AND DECK SEGMENTS MAY BE ORIENTED TO SUIT UNLESS SPECIAL ORIENTATION IS REQUIRED.
 - ERECTION CONTRACTOR TO COORDINATE THE TOUCH-UP PAINTING TO ASSURE THE PROPER PAINT IS APPLIED TO INTERIOR AND EXTERIOR SURFACES. CONTRACTOR TO FOLLOW MANUFACTURER'S LABEL INSTRUCTIONS.
 - WATER TEST TO BE PERFORMED UPON COMPLETION OF TANK.
 - RADIUS FILLET GASKET IS SENT IN 6" OR 12" LENGTHS, AND IS TO BE FIELD CUT TO 21" LG. FOR 1RV, 4" LG. FOR 2RV AND 6" LG. FOR 3RV STAVES.
 - ADEQUATE BLOCKING SHOULD BE USED TO PROTECT STAVES WHEN STACKED FOR ERECTION.
 - FOR COMPLETE ERECTION DETAILS, SEE PEABODY TECTANK'S STANDARD LIQUID TANK ERECTION MANUAL.

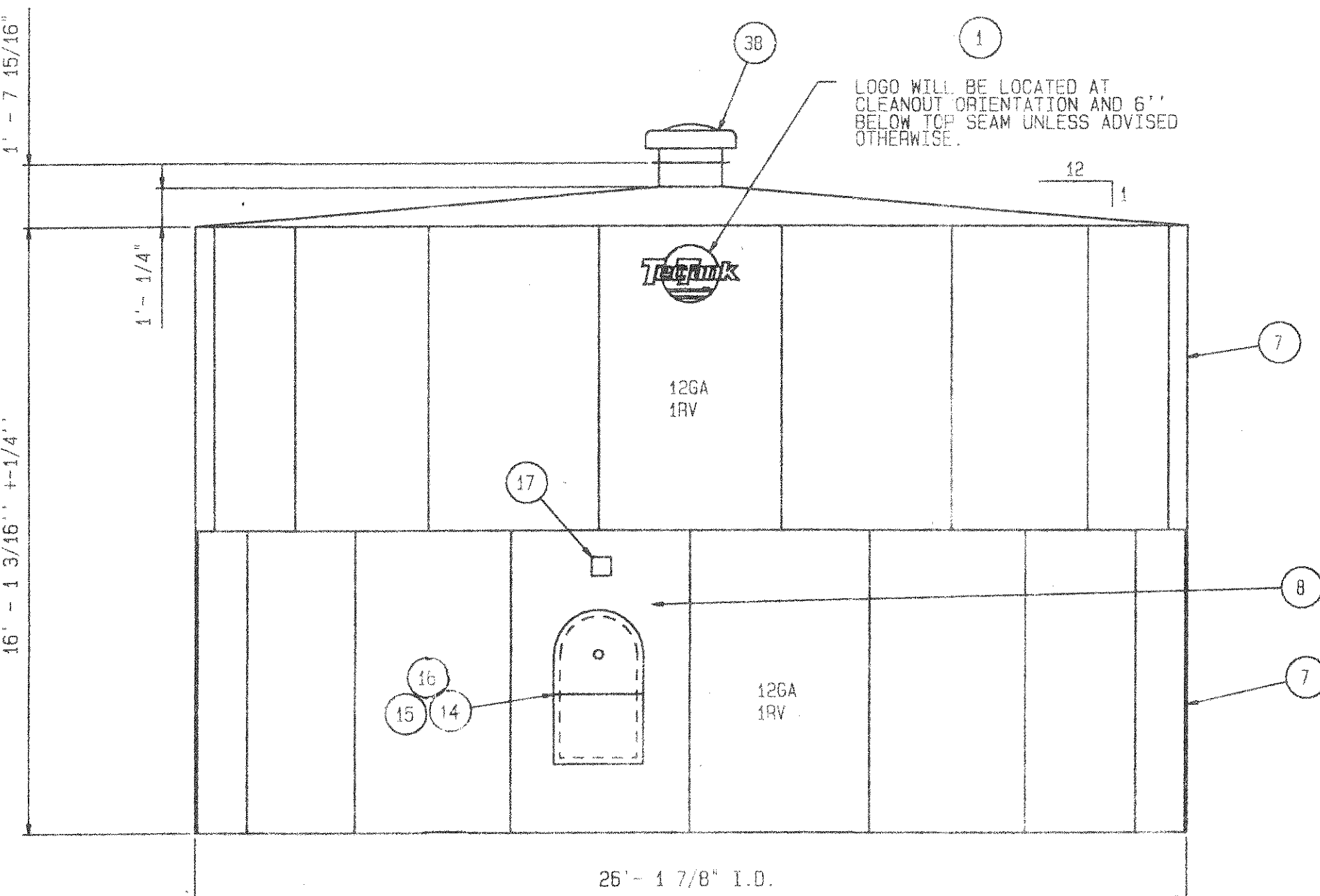
DESIGN DATA:	
1) PRODUCT	WATER
2) SPECIFIC GRAVITY	1.0
3) CAPACITY	62700 GALLONS
4) WIND LOAD PER AWWA	100 MPH
5) SEISMIC ZONE PER AWWA	2
6) DECK LIVE LOAD	25 PSF
7) DESIGN PRESSURE	2.0 OZ. PER SQ. IN. POSITIVE 0.5 OZ. PER SQ. IN. NEGATIVE
8) DESIGN SPECIFICATION	AWWA D103

- TANK DATA:**
- TANK COATINGS- INTERIOR THERMO-THANE 300
EXTERIOR POLYAMIDE EPOXY PRIMER W/ LIGHT BLUE ACRYLIC ENAMEL
 - HARDWARE: MECHANICALLY GALVANIZED PLASTIC ENCAPSULATED BOLTS W/FLAT WASHERS & HDG HEX NUTS.
COMBINATION WASHERS FOR VERTICAL SEAMS, DECK SEAMS, BOTTOM SEAMS, & TOP CHIME.
STAINLESS STEEL HARDWARE IN CENTER SUPPORT.
TECCAPS FOR BOTTOM SEAMS.
 - GASKETING: EPDM

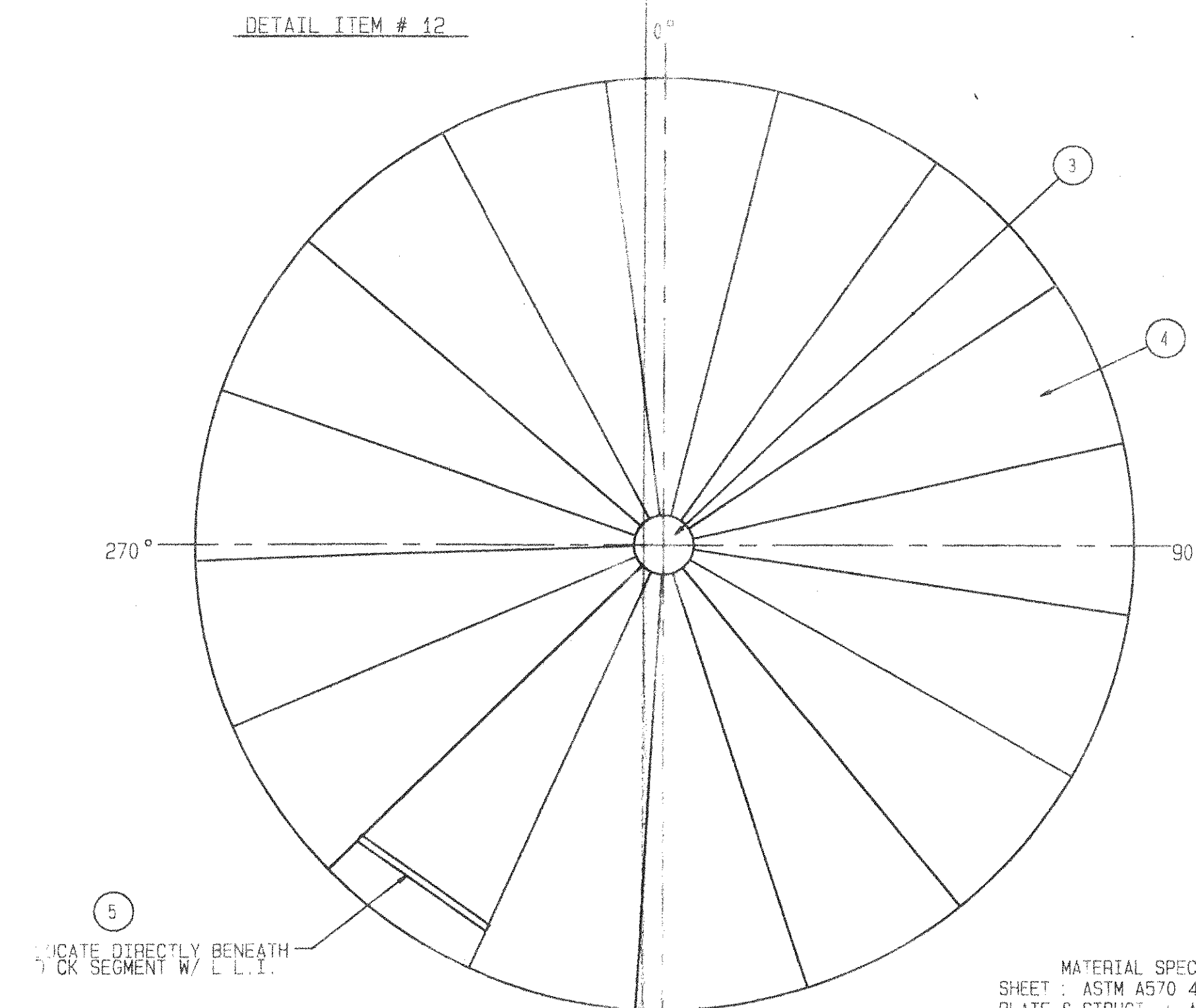
REFERENCE DRAWINGS FOR ERECTION:	
STANDARD DETAILS FOR LIQUID TANKS	8-10-00-0000-64 SHTS 1&2
VENTILATOR ASSY W/INSECT SCREEN	A-50-80-0305-52
ROOF MANWAY DETAILS 24" SQ.	8-10-09-0999-24
TANK PRODUCTS L.L.I. DRAWING	SHT 1, 2 & 3
STANDARD LADDER DETAILS	8-50-83-0000-00 SHTS 1&2
LOCKABLE HOOP DETAILS	8-50-88-0353-86
DETAILS PARTIAL PERIMETER GUARDRAIL	8-50-26-0001-01
6" OVERFLOW ASSY	8-88-94-3469-00
FLAT LAYOUT	8-10-26-43469-01



DECK PLAN



ELEVATION



BOTTOM PLAN

NOTE:
REINFORCED STRIP GASKET IS REQUIRED IN ALL CHIMES (INCLUDING TOP & BOTTOM) & IN ALL VERTICAL SEAMS. NON-REINFORCED STRIP GASKET IS TO BE USED IN BOTTOM & DECK SEAMS.

MATERIAL SPEC.
SHEET : ASTM A570 40KSI MIN. YIELD
PLATE & STRUCT. : ASTM A36 (STD.)
PLATE : ASTM A572 & ASTM A507 (HIGH STRENGTH)
S.S. PLATE & SHEET : ASTM A304
C.S. PIPE: ASTM A53
S.S. PIPE: ASTM A304
STRUCT. TUBE: ASTM A500 GR. B
C.S. BOLTS : SAE GR. 5 ASTM A325 (STD.)
C.S. BOLTS : SAE GR. 8 (HIGH STRENGTH)
S.S. BOLTS : ASTM A304
ANCHOR BOLTS : ASTM A36

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S.C.ROSSI & CO.	
DATE	NTS
BY	DATE
CHECKED	DATE
APPROVED	DATE
ERECTION DETAILS FOR 25'-1 7/8" I.D. BOLTED STEEL TANK	
NO. 43469	10-26-43469-00

