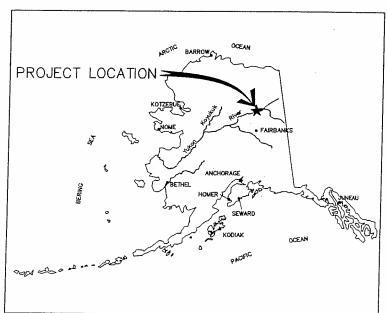
VILLAGE OF BEAVER, ALASKA

WATER SYSTEM WATER STORAGE TANK

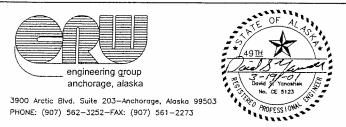
MARCH 2001



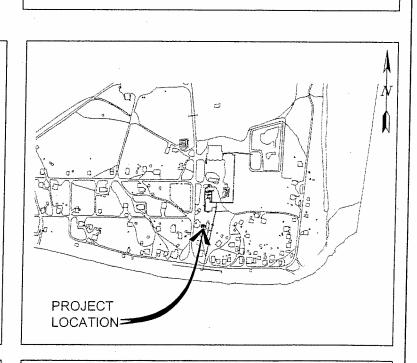
IN COOPERATION WITH THE STATE OF ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION VILLAGE SAFE WATER PROGRAM U.S. DEPARTMENT OF AGRICULTURE. RURAL ECONOMIC AND COMMUNITY DEVELOPMENT



| PROJECT NUMBER (CONSULTANT) 9966 (VSW) 16306 |
|--|
| VSW PROJECT ENGINEER ROGER BURLEIGH |
| CONSTRUCTION FOREMAN |
| FINAL DESIGN (DATE) |
| ADEC APPROVAL (DATE) |
| CONSTRUCTION PERIOD (FROM)(To) |
| AS-BUILTS (DATE) |
| |



STATUS: FINAL DATE: **MARCH 2001**



SHEET INDEX

TITLE

WATER STORAGE TANK PLAN, ELEVATION, & DETAILS

NO.

GENERAL

CIVIL

COVER SHEET AND INDEX

WATER STORAGE TANK SITE PLAN

T2 WATER STORAGE TANK ROOFING PLAN & DETAILS

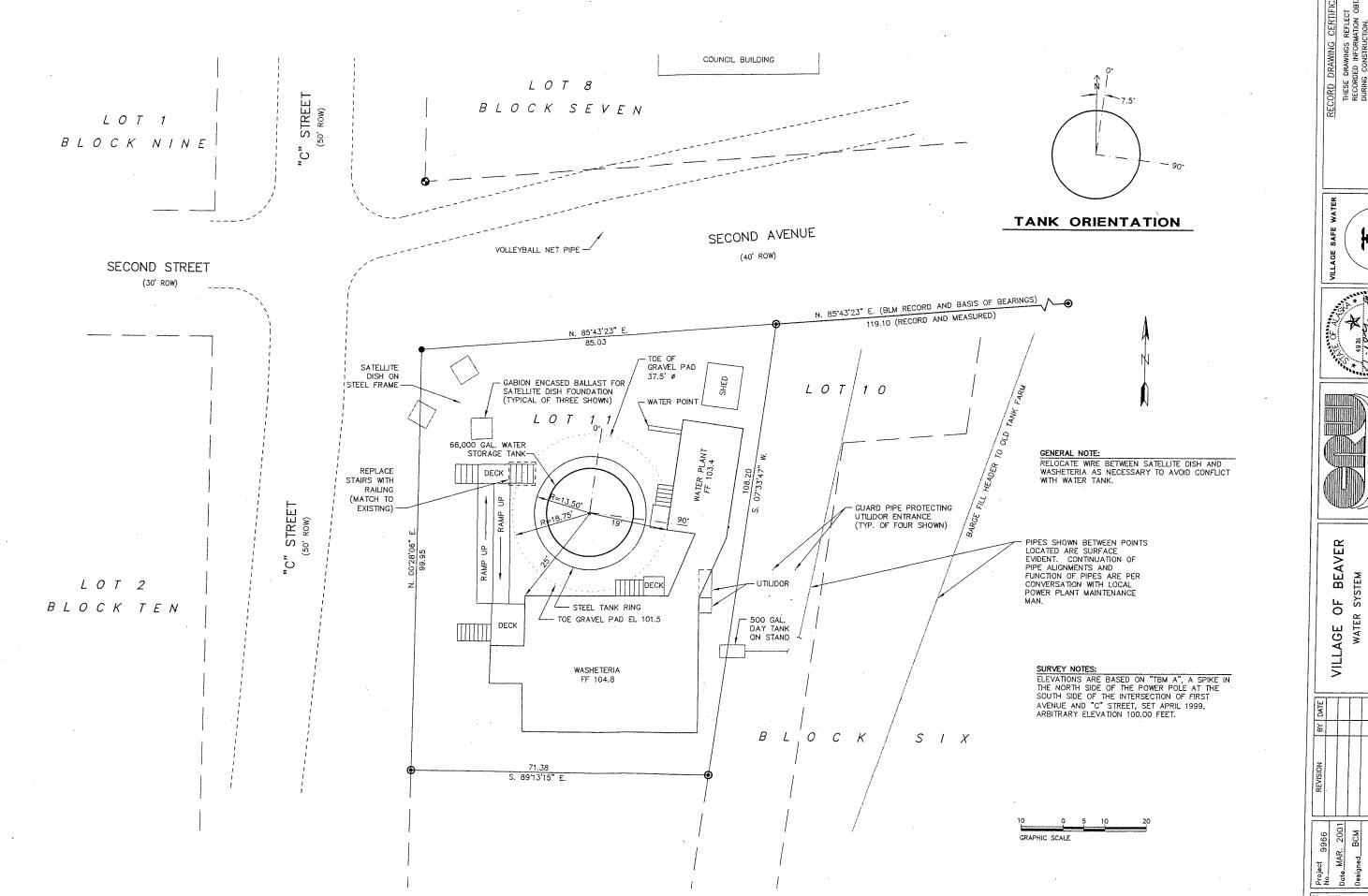
T3 WATER STORAGE TANK MISCELLANEOUS DETAILS

CONSULTANT

PROJECT STATUS

LOCATION MAP

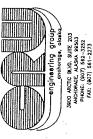
VICINITY MAP



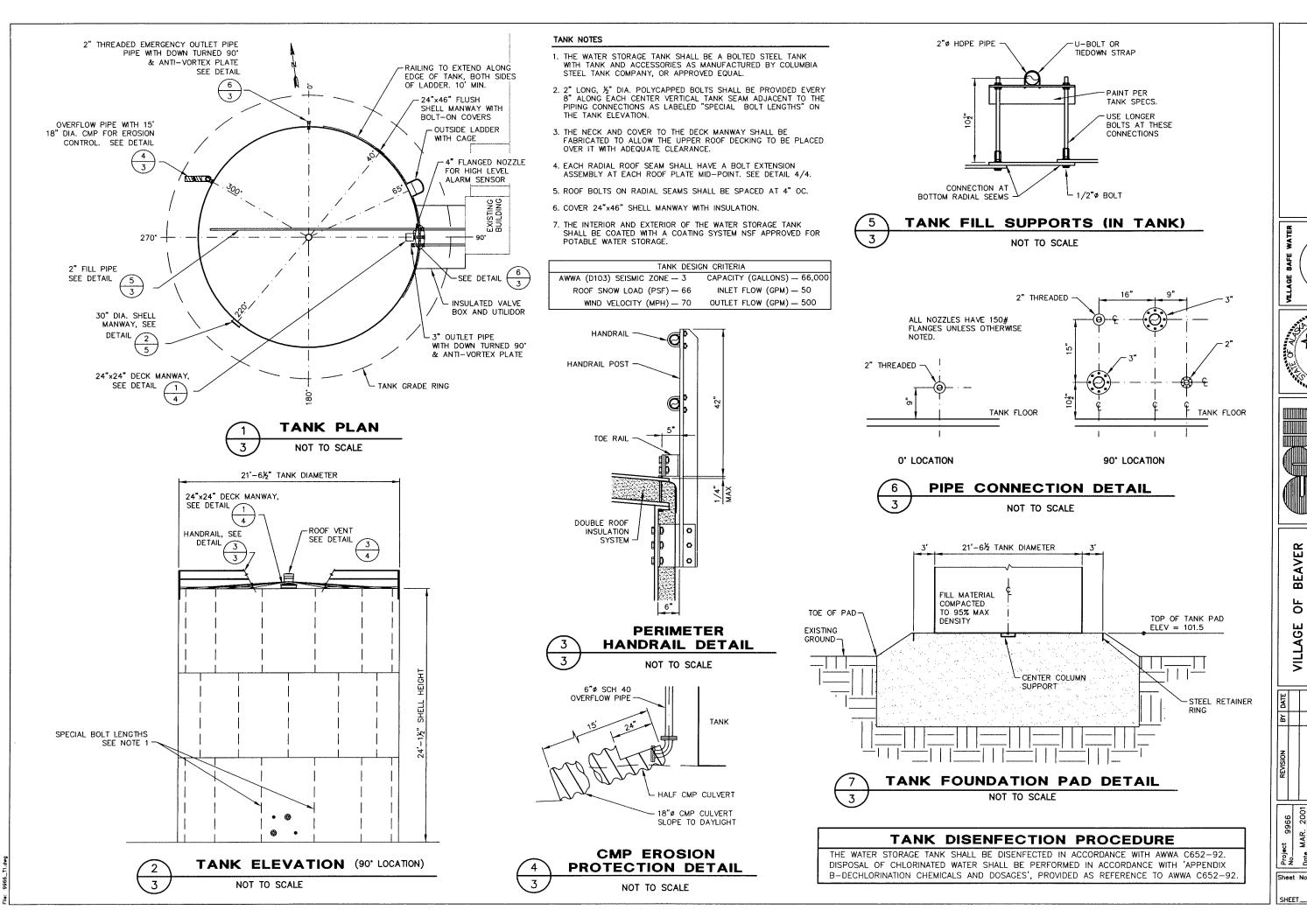
RECORD DRAWING CERTIFICATE
THESE DRAWINGS REFLECT
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DURING CONSTRUCTION
INFORMATION PROVIDED HEREN
IS ACCURATE TO THE BEST OF
MY KNOWLEDGE.







WATER STORAGE TANK SITE PLAN

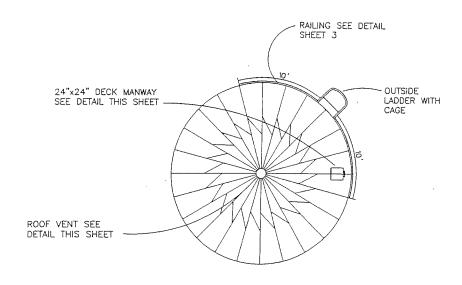


SYSTEM

E.E.

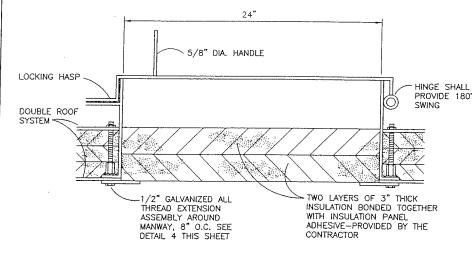
T1

t Ve



NOTE: ROOF BOLTS ON RADIAL SEAMS SHALL BE SPACED AT 4" O.C.

TANK ROOFING PLAN NOT TO SCALE

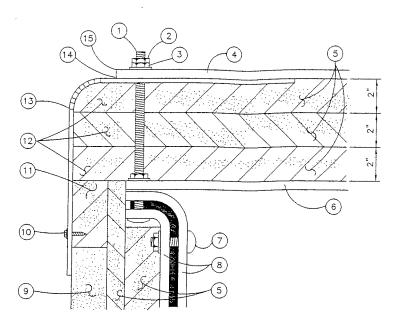


- 1. THE NECK AND COVER TO THE DECK MANWAY SHALL BE FABRICATED TO ALLOW THE UPPER ROOF DECKING TO BE PLACED OVER IT WITH ADEQUATE CLEARANCE.
- 2. UPPER ROOF PLATE SEAM AROUND NECK SHALL BE



DECK MANWAY DETAIL

NOT TO SCALE



- 1) 1/2"x8" HOT DIPPED GALVANIZED BOLT WITH FULL LENGTH THREADS SPACED AT 12" O.C. AROUND PERIMETER OF THE TANK
- (2) JAM NUT
- (3) 1/2" HOT DIPPED GALVANIZED NUTS AND WASHERS, TYPICAL
- (4) 12 GA. HOT DIPPED GALVANIZED ROOF SECTION
- (5) EXTRUDED POLYSTYRENE BOARDSTOCK INSULATION. STAGGER ALL JOINTS ON DECKS. PROVIDED BY THE CONTRACTOR.
- (6) DECK SEGMENT
- (7) POLYCAPPED RIBBED NECK BOLT AND SQUARE NUT, TYP.
- (8) STAVES
- (9) 2" THERMACON INSULATION-EXACT HEIGHT MAY VARY
- $\stackrel{\hbox{\scriptsize (10)}}{}$ NO.12-14x3/4" 410 STAINLESS STEEL HEX HEAD SELF DRILLING SEALER SCREW WITH WASHER. SHALL BE SPACED AT 4" O.C. ON ALL FLASHING POINTS
- (11) INSULATION SHALL BE FIELD CUT AND PLACED
- (12) ROOF INSULATION SHALL EXTEND TO FLASHING
- (13) FLASHING: 0.050" THICK ALUMINUM WITH COATING TYPE AND COLOR TO MATCH SHELL INSULATION PANELS—SUPPLIED BY INSULATION MANUFACTURER, SEE DETAIL THIS SHEET
- (14) LIBERAL COAT OF SILICONE SEALANT SHALL BE APPLIED BETWEEN FLASHING AND ROOF SECTION, AND ALL FLASHING OVERLAPS
- (15) FABRICATE ROOF SECTION (4) TO ALLOW INSTALLATION OF FLASHING (13), NO DOWNWARD LIP ALLOWED ON ROOF SECTION.



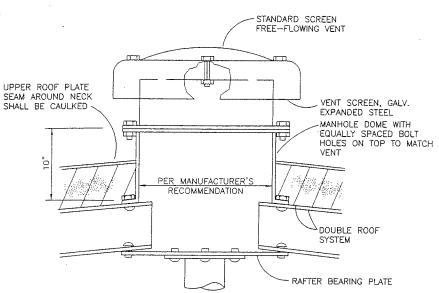
LEGEND



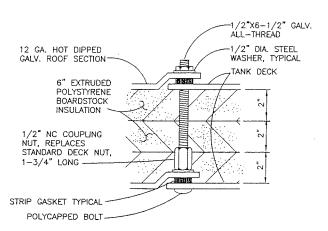
INSULATION PROVIDED BY TANK **ERECTION CONTRACTOR**



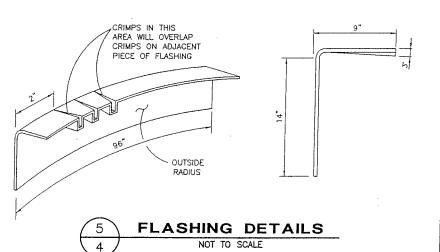
INSULATION SUPPLIED WITH INSULATION SHELL



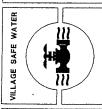




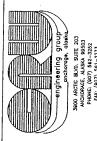
ROOF BOLT EXTENSION DETAIL NOT TO SCALE



CERTIFICATE RECORD DRAWING CERTIFICA
THESE DRAWINGS REFLECT
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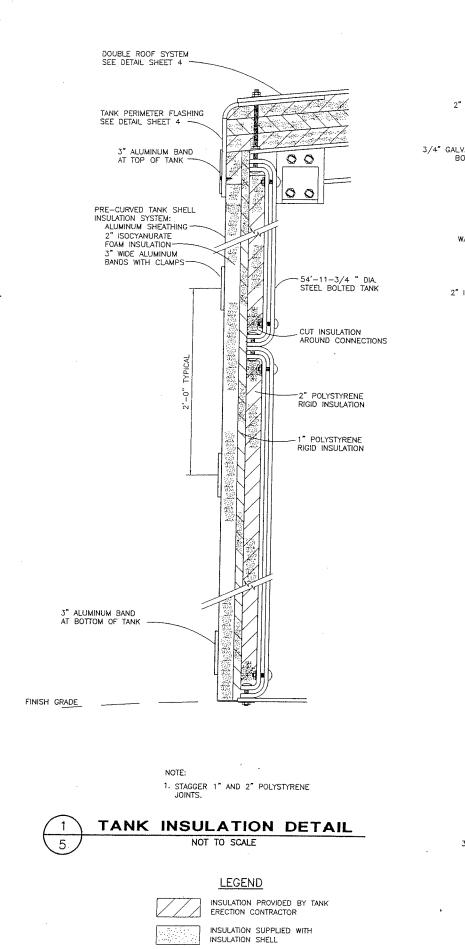


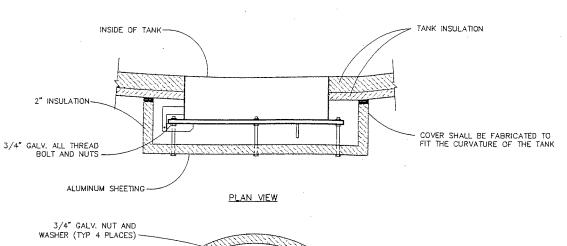


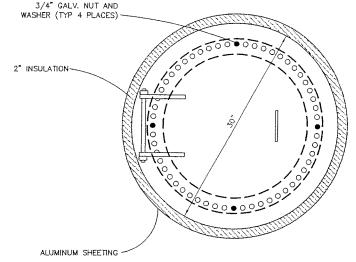


BEAVER STORAGE TANK PLAN & DEATAIL SYSTEM WATER VILLAGE WATER JOFING

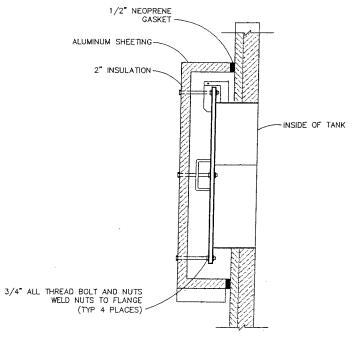
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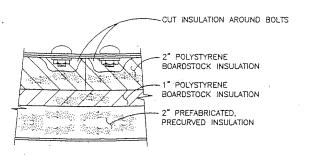


FRONT VIEW

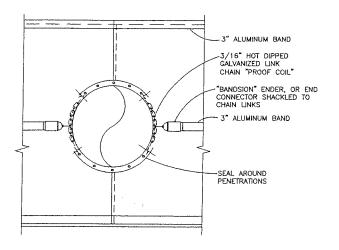


SIDE VIEW

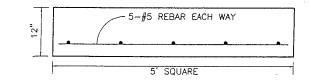
INSULATED MANWAY COVER NOT TO SCALE



WALL INSULATION DETAIL NOT TO SCALE



SHELL INSULATION PENETRATION DETAIL NOT TO SCALE 5



CENTER COLUMN SUPPORT NOT TO SCALE

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VILLAGE OF BEAVER SYSTEM WATER

Sheet No.

5