

SCANNED BY
MESA REPRO



CITY OF ALBUQUERQUE
CONSTRUCTION DRAWINGS
FOR

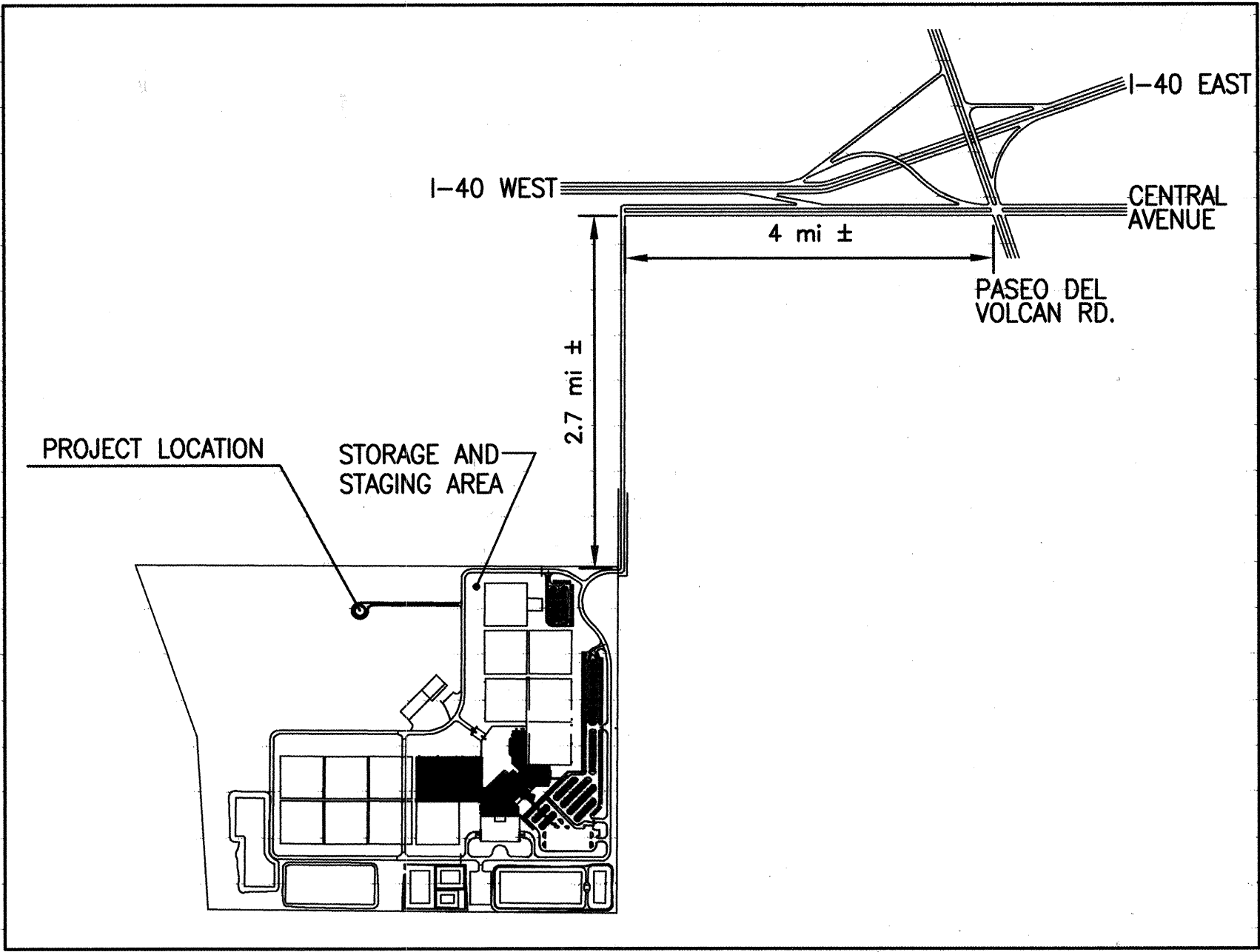
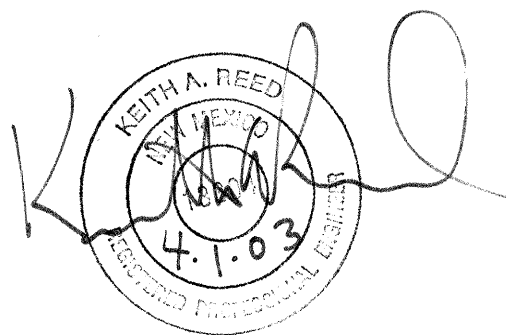
METROPOLITAN DETENTION CENTER
250,000 GALLON ELEVATED
WATER TANK

MARCH 2001

INDEX OF SHEETS

SHT. NO.	SHEET TITLE
1	TITLE SHEET, VICINITY MAP, GENERAL NOTES
2	SITE PLAN/DETAILS
3	TANK ELEVATION AND ORIENTATION PLAN

I, THE UNDERSIGNED, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE INDICATED RECORD DRAWINGS ARE BASED UPON INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR IN THE FORM OF ISO-LINED CONSTRUCTION DRAWING MARKUPS TO THE ORIGINAL DESIGN DRAWINGS. THE TRANSFER OF INFORMATION HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. HOWEVER, I HAVE NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THE INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND SHALL NOT BE RESPONSIBLE FOR ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS. ALL INFORMATION INCLUDING VERTICAL AND HORIZONTAL DIMENSIONS SHOULD BE FIELD VERIFIED PRIOR TO USE ON FUTURE PROJECTS.



VICINITY MAP
NOT TO SCALE

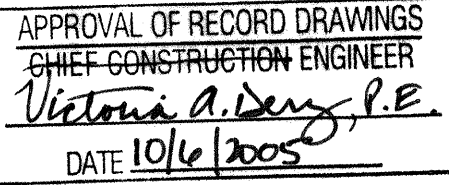


GENERAL NOTES

- All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided for hereon, be constructed in accordance with the city of Albuquerque standard specifications for public works construction, 1986 (as amended through update #6.) referenced to herein as the "standard specifications".
- The contractor is responsible for removal and disposal of all demolition debris in an environmentally acceptable manner. All salvaged materials shall be handled in accordance with Section 801.15 of the standard specifications.
- The contractor shall maintain all trenches in a safe condition protecting the workers and the general public. Trench protection shall be in accordance with O.S.H.A. 29cfr 1926.650 subpart p. Excavations shall be sloped, braced or shored as required by O.S.H.A. regulations. The contractor is solely responsible for job site safety, and for knowledge and compliance with applicable O.S.H.A. standards. No additional compensation will be made therefor.

CODE DESIGN DATA

Type of Construction: Type V
Square Footage: 1,300 estimated
Occupancy Group: Group U, Division 2
Occupant Load: None
Seismic Zone: UBC Zone 2B
Soil Bearing Capacity: 4,000 psf
Concrete Strength: 4,000 psi @ 28 days
Wind Load: 100 mph, Exposure C
Roof Design Loads: DL-25 psf LL-20 psf
Platform Design Load: LL-100 psf



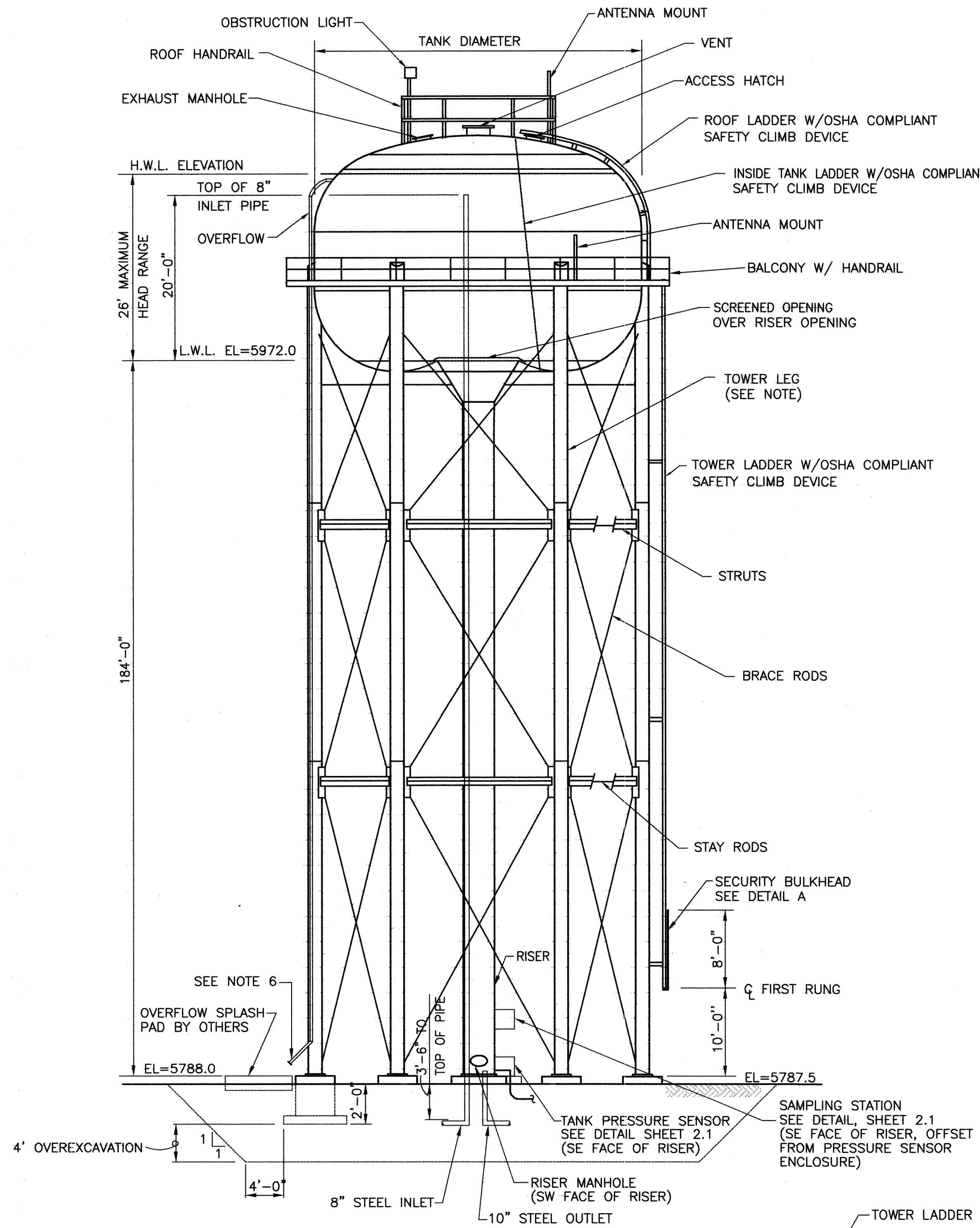
REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE							
APPROVALS		ENGINEER		DATE	* * * * *		
DRC Chairman		[Signature]		3/14/01	APPROVED FOR CONSTRUCTION		
Transportation		[Signature]		3/14/01	[Signature] 3/14/01		
Water/Wastewater		[Signature]		3/14/01	City Engineer Date		
Hydrology		N/A			[Signature] 3/13/01		
C.I.P.					Bernillo County Date		
Constr. Mngmnt.		[Signature]			Sheet 1 of 3		
Constr. Coord.		[Signature]					
Water Utility Division		[Signature]		3/13/01			
City Project No.		6554.91					

NOTES:
DESIGN:

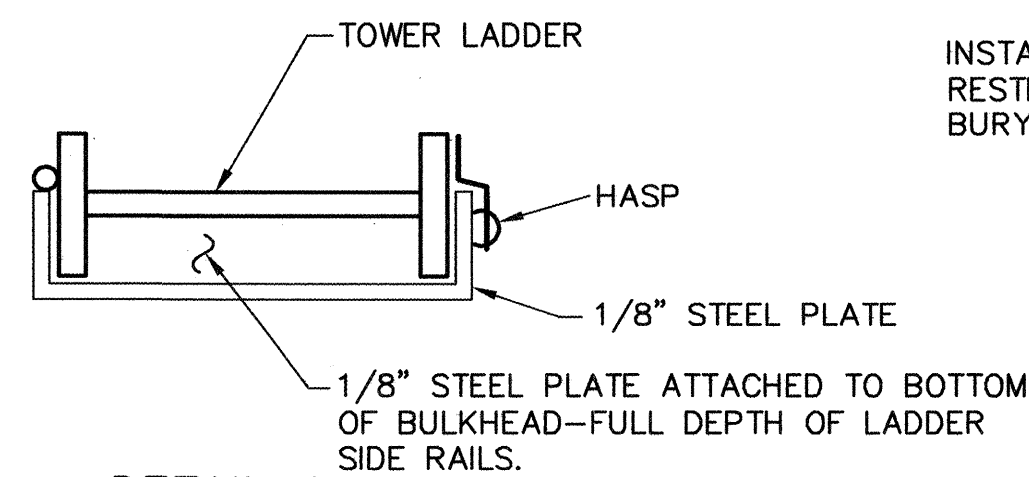
TANK AND TOWER SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH AWWA D100-96 AND PROJECT SPECIFICATIONS.
WIND LOAD: 100 MPH
SNOW LOAD: 20 psf
SEISMIC ZONE: 2B; I=1.25; S=1.2
ROOF LIVE LOAD: 25 psf
ALLOWABLE SOIL BEARING PRESSURE: 4000 psf

GENERAL NOTES:

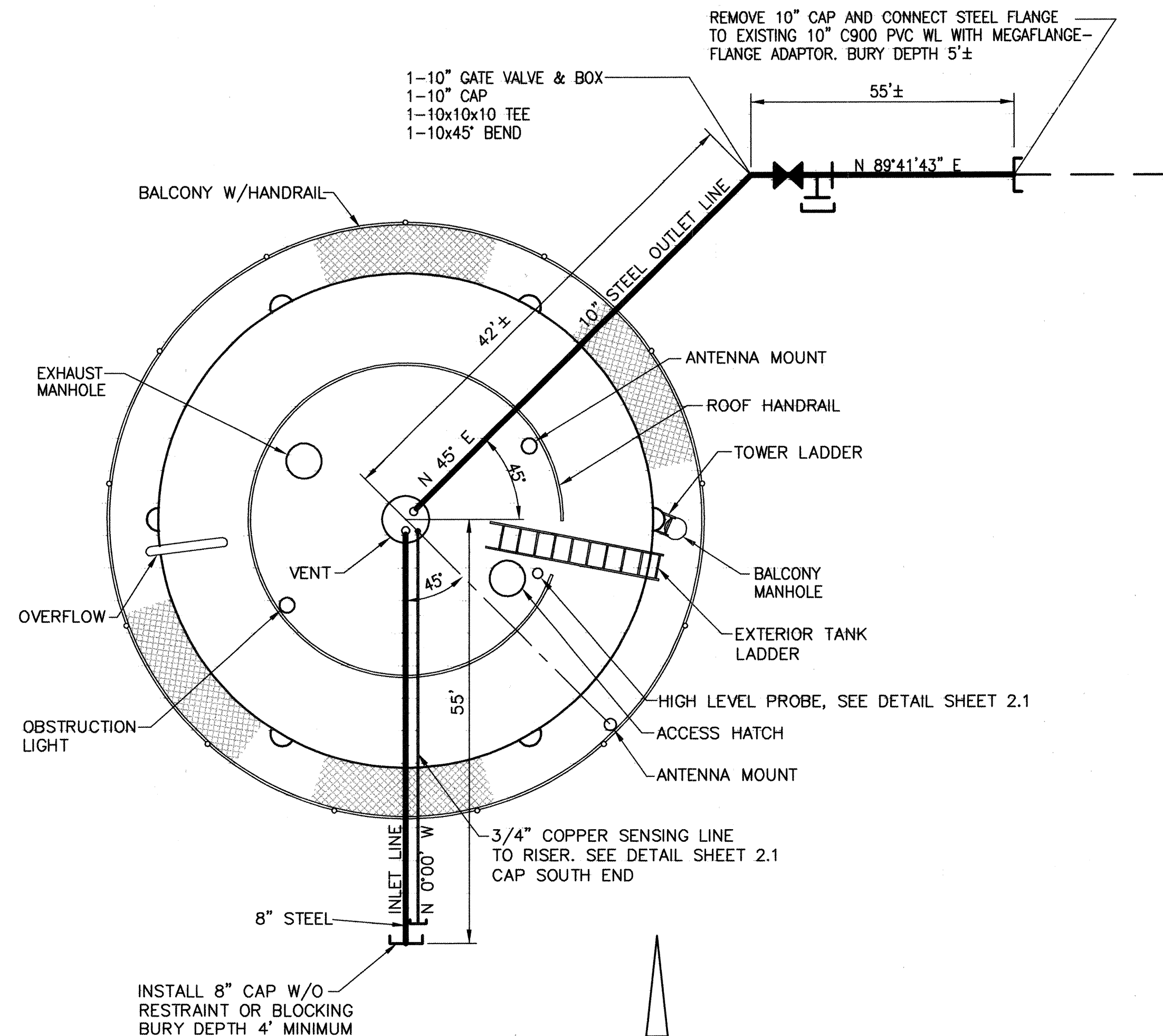
- ACCESSORIES SHOWN ON ELEVATION DRAWING ARE ROTATED FOR CLARITY.
- ALL HANDRAILS, PLATFORM LANDINGS, WALKWAYS, LADDERS, AND SAFETY CLIMB DEVICES SHALL CONFORM WITH CURRENT OSHA STANDARDS.
- SEE SPECIFICATIONS FOR SHOP AND FIELD PAINT REQUIREMENTS.
- DISINFECT TANK IN ACCORDANCE WITH AWWA C652-92 AND PROJECT SPECIFICATIONS.
- NUMBER OF TOWER LEGS PER MANUFACTURER'S STANDARD DESIGN.
- TERMINATE OVERFLOW 1'-6" ABOVE GRADE AT ELEVATION 5789.0 AND A MINIMUM OF 2' CLEAR OF FOUNDATION PEDESTAL.
- INSTALL INLET AND OUTLET PIPE AS SHOWN ON ORIENTATION PLAN. PIPE SHALL BE STEEL. TERMINATE WITH A STEEL FLANGE DRILLED TO CONFORM WITH AWWA C115.
- TANK CONTRACTOR SHALL OVEREXCAVATE AREA UNDER TANK FOOTINGS A MINIMUM OF 4 FEET, SCARIFY, BACKFILL AND RECOMPACT. SEE SOILS REPORT FOR DETAILED REQUIREMENTS.
- MAINTAIN POSITIVE GRADIENT FROM EXISTING 10" OUTLET TO TANK RISER.



ELEVATION
(N.T.S.)



DETAIL A
(N.T.S.)



ORIENTATION PLAN
(N.T.S.)

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[Signature]
4.1.02



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
WATER UTILITY DIVISION

TITLE:
TANK ELEVATION AND ORIENTATION PLAN

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED MAR 14 2001 DESIGN REVIEW COMMITTEE	APPROVED MAR 14 2001 CITY ENGINEER		
DESIGNED BY KWW	DRAWN BY CAL	DATE 03/01	DATE 03/01
CHECKED BY KWW		DATE 03/01	

City Project No. 6554.91 Zone Map No. — Sheet 3 of 3