

ADDENDUM No. 03
DNR-220039
Delaware State Park Wastewater Treatment
April 2, 2024

All Bidders:

1. This Addendum is issued to modify the original Project Manual and Drawings and is hereby made a part of the Contract Documents. This Addendum shall be attached to the Project Manual(s) in your possession and shall become a part of your bid. Bidders shall review changes to all portions of the work, as changes to one portion may affect the work of another portion and include all such related changes. Please notify all subcontractors of this addendum.

2. The following additional questions have been received to date:

Q: ...Can we quote an open channel flow metering solution ...but does not offer a Circular Chart Paper Recorder...?

A: *Based on further review, this meter setup will not be acceptable as ODNR requires the chart recorder in this design.*

Q: Is there a minimum stone base under the plant?

A: *Base thickness and material type for placement under the proposed wastewater treatment plant shall be based on plant manufacturer's design requirements.*

Q: Do you have the plans for the existing Plant so we can see depths and dimensions?

A: *Yes, existing plant plans that pertain are attached. Existing plant depths from top of wall to bottom of concrete (based on plans provided by ODNR); influent box (headworks) – approximately at grade; aeration tanks - approximately 12.5'; settling tank (clarifier) slopes to approximately 16.5'; chlorine contact tank – approximately 12'. The existing WWTP top of wall is approximately 2' to 3' above ground. (attached plans do not necessarily reflect as-built conditions)*

Q: I do not see a detail for the weir box for the Open Channel Flow Meter.

A: *This is typically provided as part of the overall plant submittals by the WWTP manufacturer. It is an open top box, approximately 4'-6" by 2'-6" with a 22-1/2" Stainless Steel V-Notch Weir, allowing the open channel meter (sensor) to be placed above.*

Q: I am concerned about completion time. The filter manufacturer has advised that it could be up to 45 weeks from NTP for delivery of the control panel.

A: *We anticipate all work to be completed within the specified completion period. Should issues occur with equipment delivery, they will be viewed on a by case basis. Please bid accordingly.*

Q: What is the total square footage of area for alternate 3 – pavement?

A: *2,170 sq. ft.*

Q: Spec Section 04 lists 4 colors of block to match. Does this indicate that there are 4 different colors to use, or does this indicate that the color will be chosen from those 4 options?

A: *One color. The Basis of Design is Spec-Brik. The color is Delaware Blend.*

Q: In the prints, some pages show 4” tall block and some show 8” tall block. What size block is to be used?

A: *Basis of Design is Spec-Brik, 12x4x16.*

Q: Is the existing blower building empty and not in use. And if so, can this be demolished in the early stage to facilitate construction within the site?

A: *The existing blower building is not in use at this time. This building and its contents can be removed to facilitate construction in that area. All other aspects and specifications, including content removal and building demolition, shall still apply. Alterations pertaining to existing utilities shall be coordinated in advance.*

Q: Please confirm the type of pipe to be used for the directionally drilled force main?

A: *Force main pipe material shall be HDPE pipe, PE-3408, meeting ASTM D-3350. The pipe shall be manufactured in accordance with ASTM F-714, for Polyethylene Plastic pipe DR-11. All joints shall be butt fused together in a fashion approved by the pipe manufacturer. HDPE Pipe shall meet ductile iron pipe outside diameter. Force main piping that transitions to above grade installation shall meet ductile iron waterline materials. Below grade pipe shall be installed with 2 strands, 12 gauge tracer wire to facilitate locating after installation.*



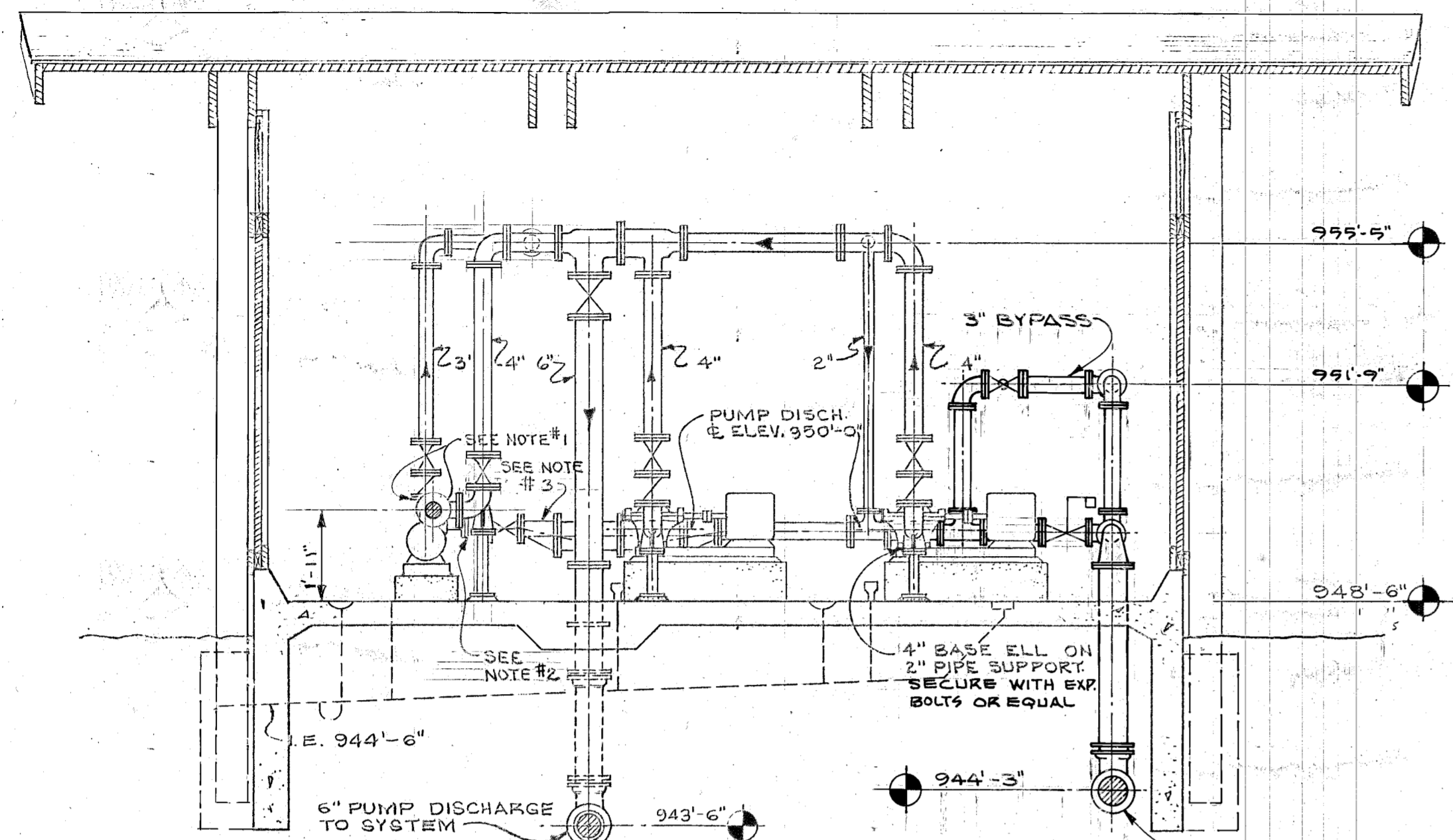
A signed copy of this Addendum must be included with the bid submission. This Addendum 03 does NOT change the bid date and time. This Addendum 03 does NOT change the estimated construction cost for this project.

The undersigned states that the changes and/or clarifications described in this Addendum have been incorporated in his/her bid submission.

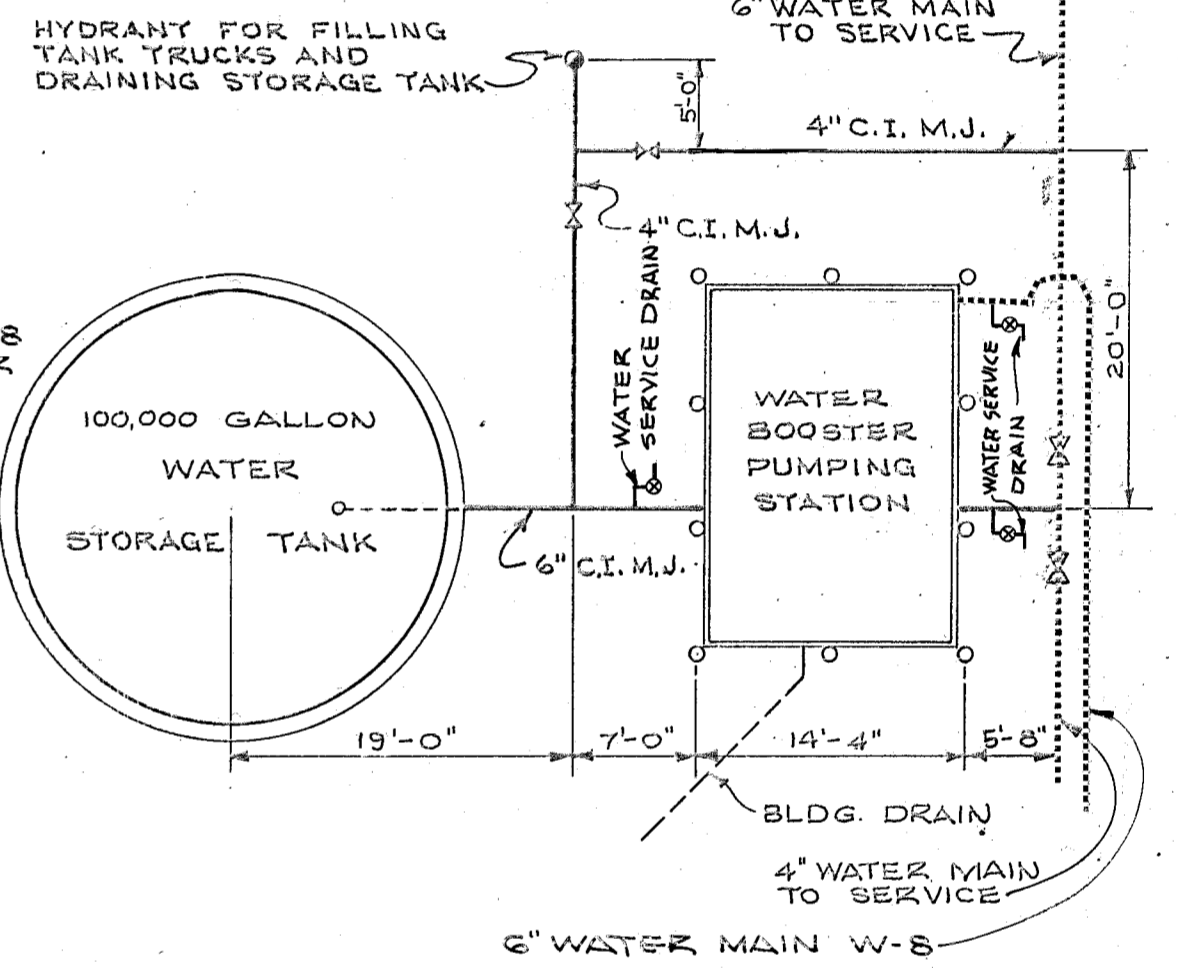
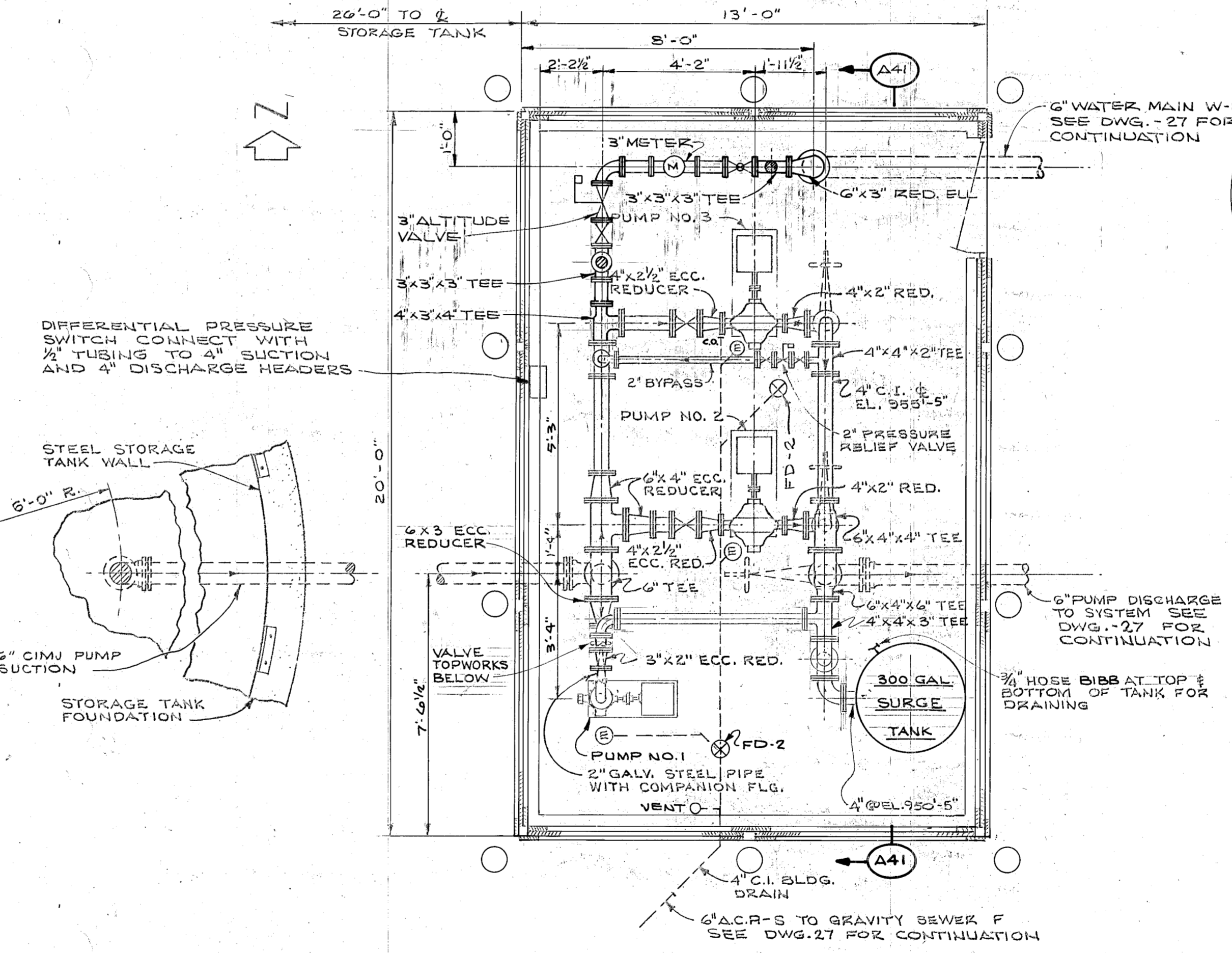
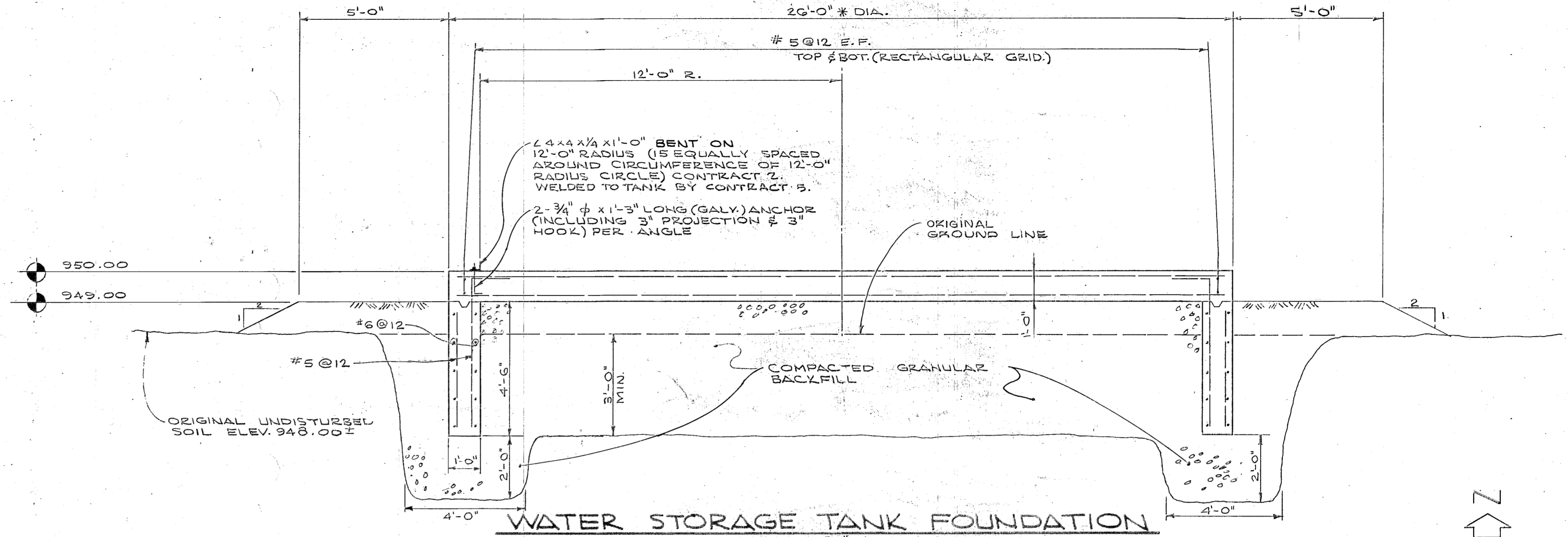
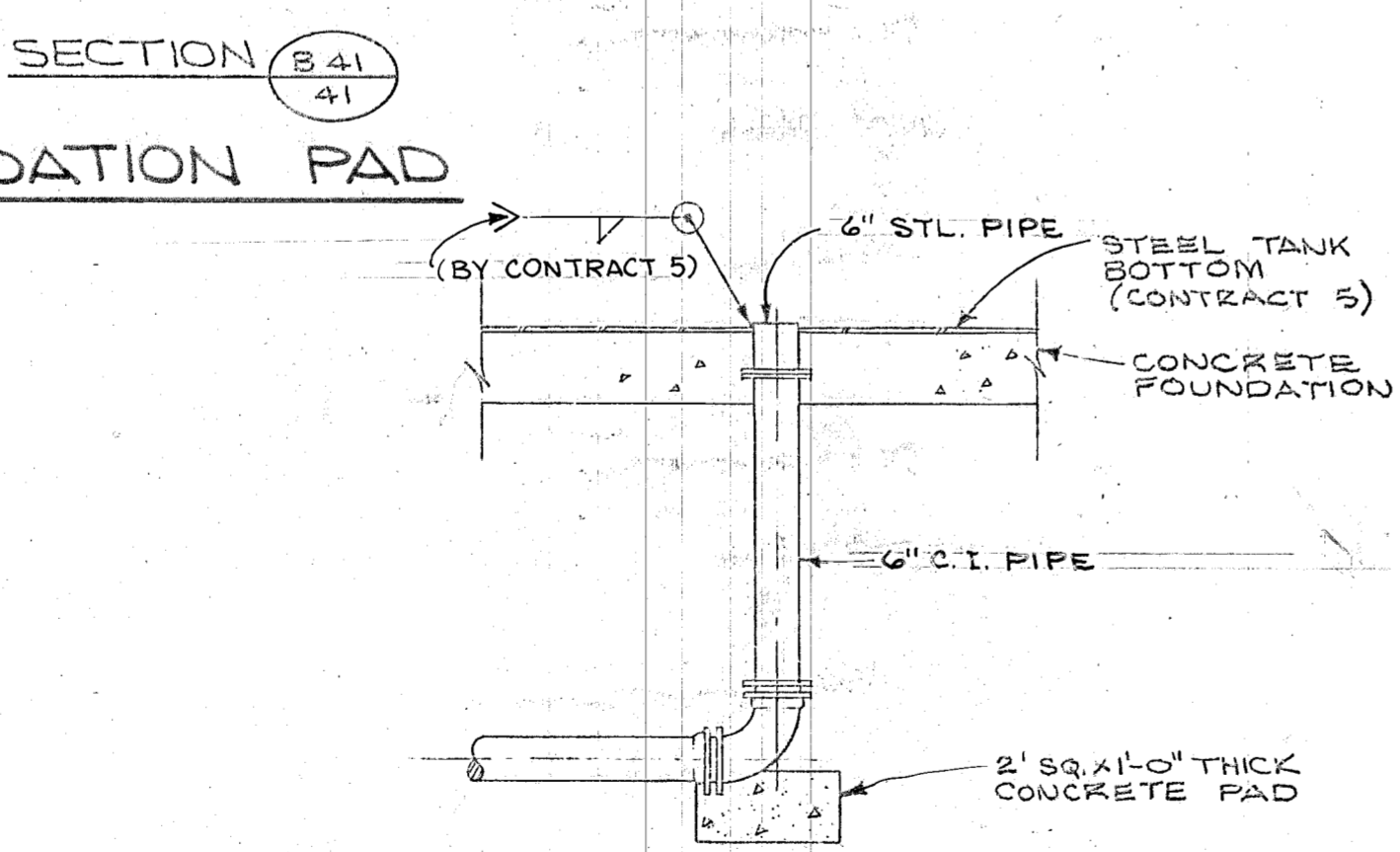
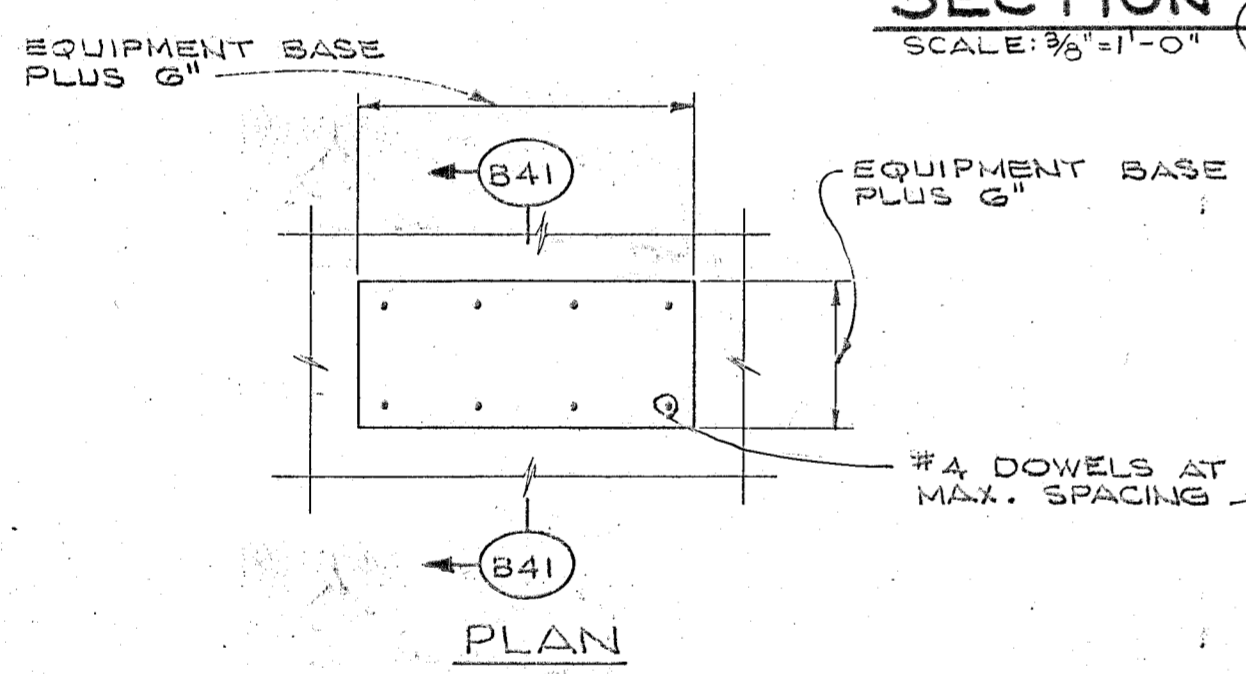
Signature of Person Preparing Bid Date

Plan sheets identified above are included as attachments and are therefore a part of this Addendum.

END OF ADDENDUM 03



NOTE #1 1/2" GALV. STL. PIPE & COMPANION FLG.
NOTE #2 3"x2" ECC. REDUCER
NOTE #3 6"x3" ECC. REDUCER



NOTES:
1. OUTSIDE PIPING AND PIPING CONNECTIONS TO WATER STORAGE TANK BY CONTRACT 1, (EXCEPT AS NOTED)
2. WATER STORAGE TANK FOUNDATION AND GRADING, BOOSTER PUMPING STATION FOUNDATION AND SUPERSTRUCTURE BY CONTRACT 2.
3. ALL WATER BOOSTER PUMPING STATION PIPING AND EQUIPMENT BY CONTRACT 3.
4. STEEL WATER STORAGE TANK BY CONTRACT 5.
5. ALL HOSE BIBBS SHALL BE EQUIPPED WITH A VACUUM BREAKER

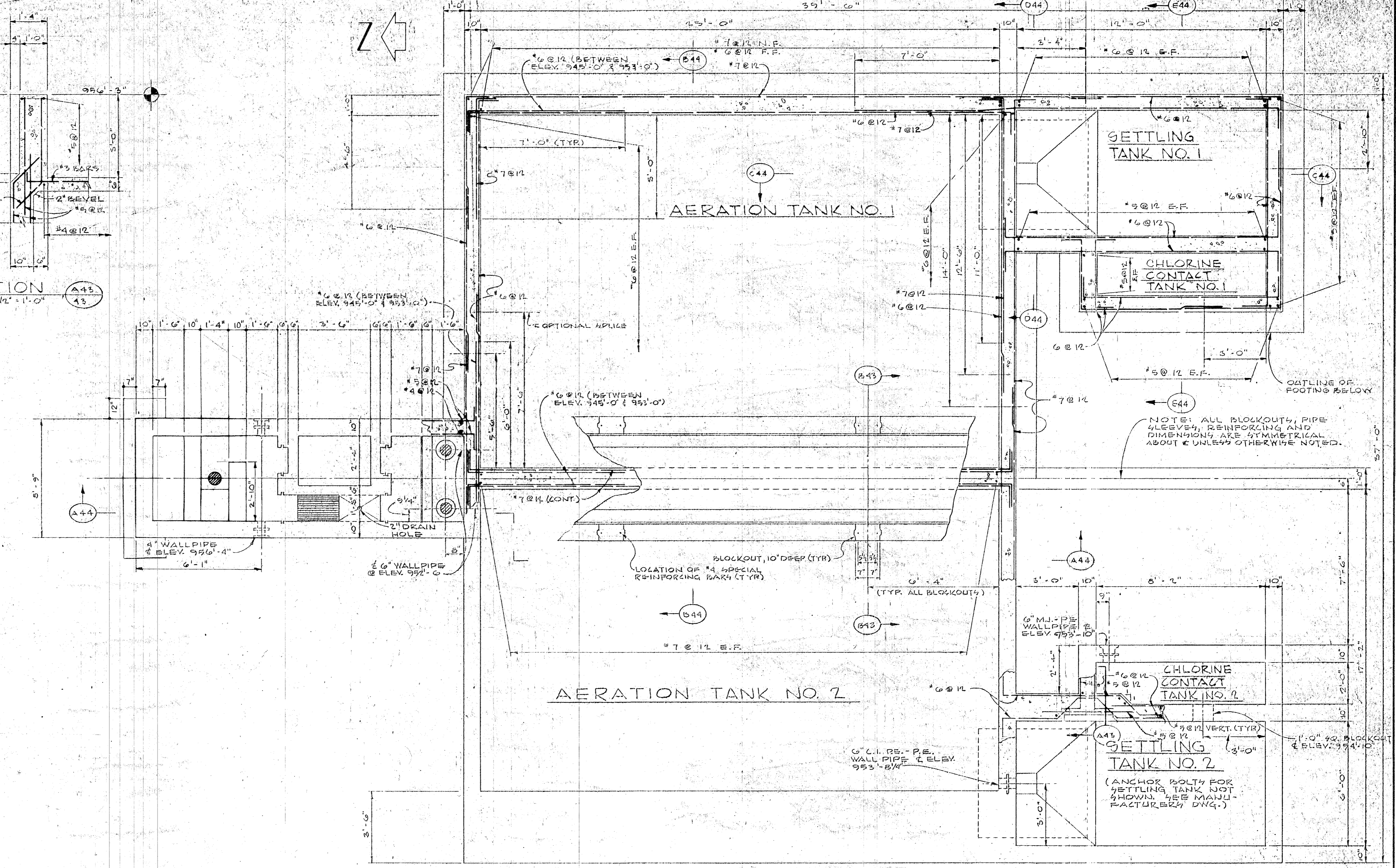
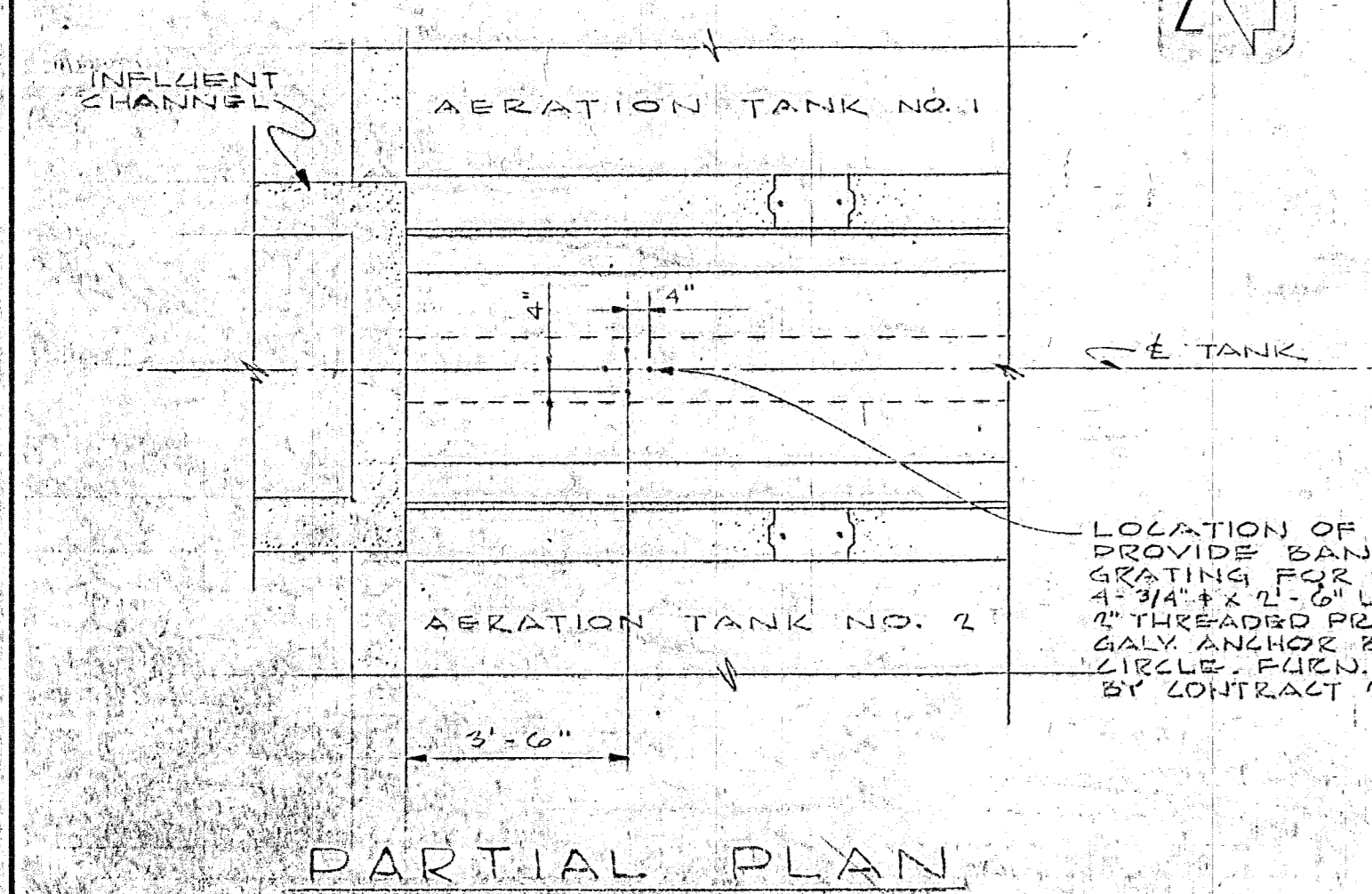
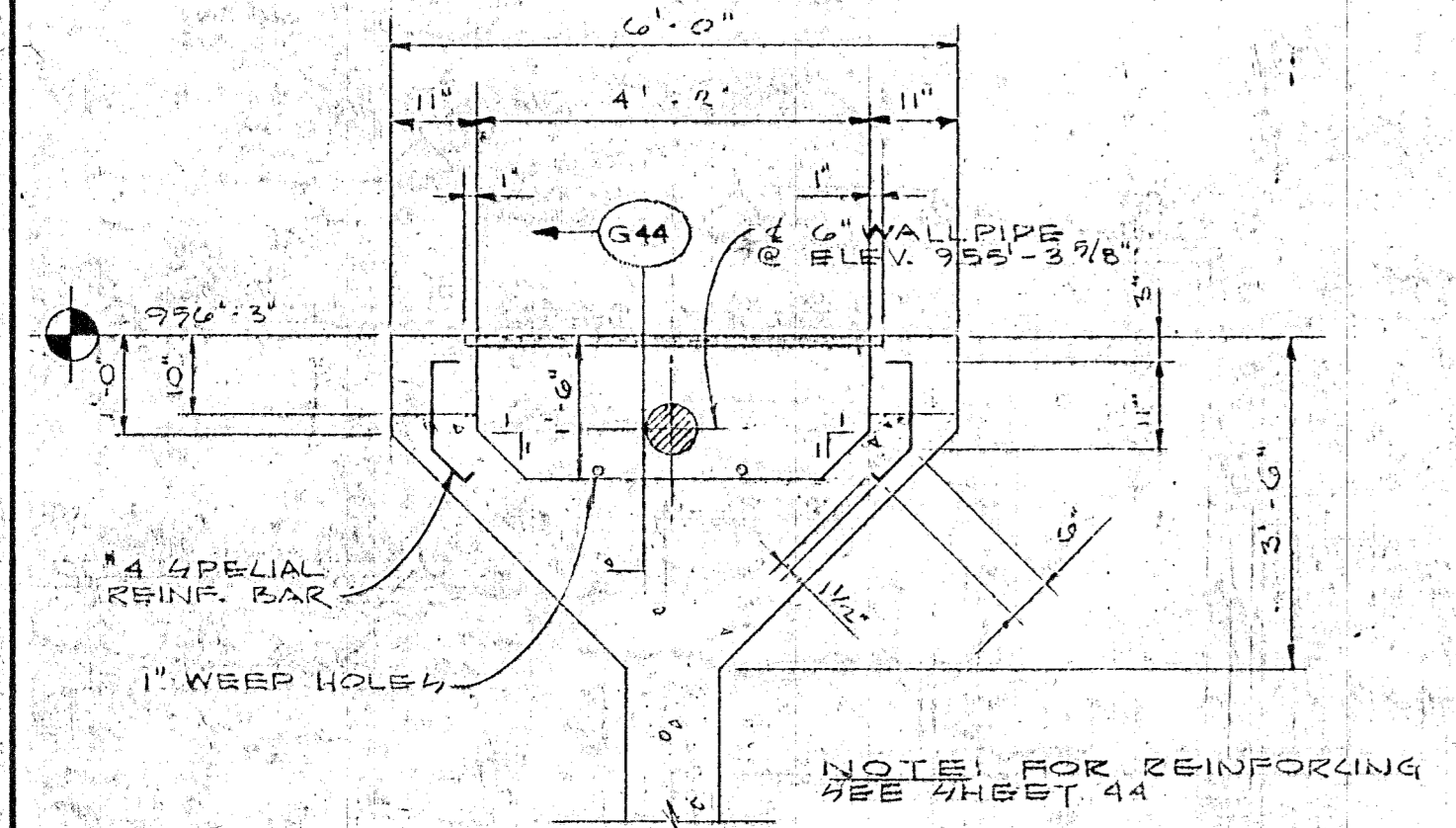
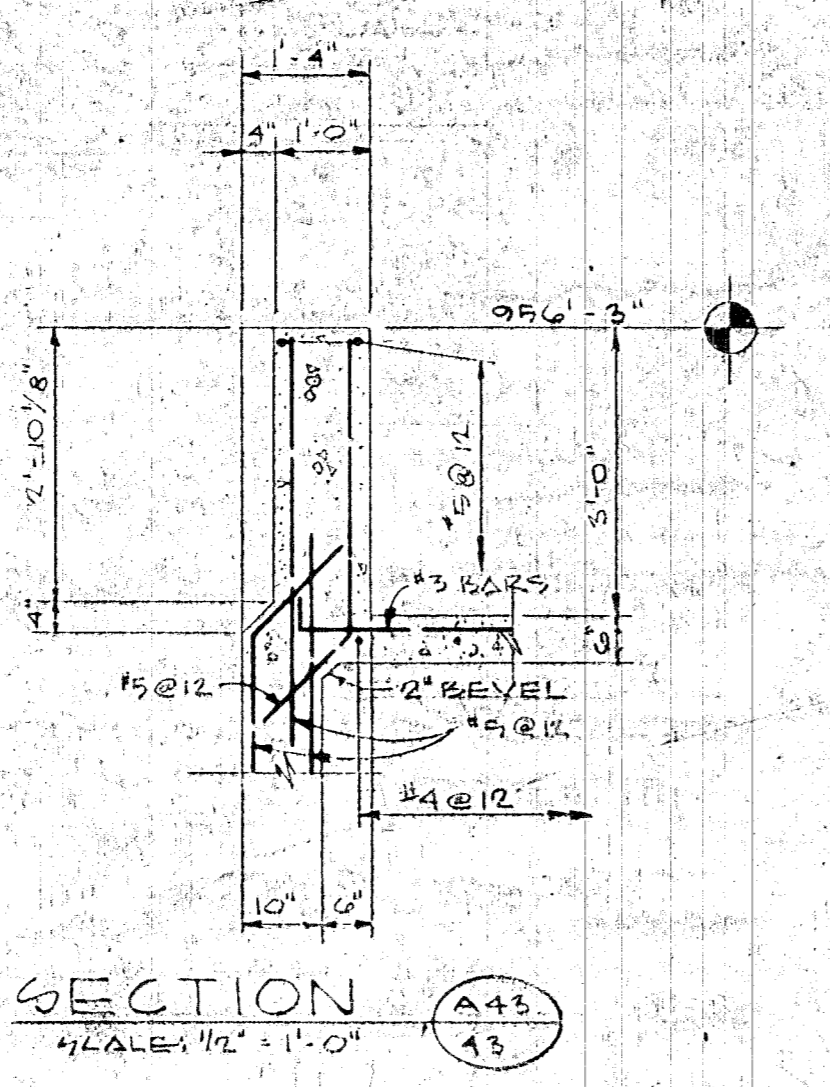
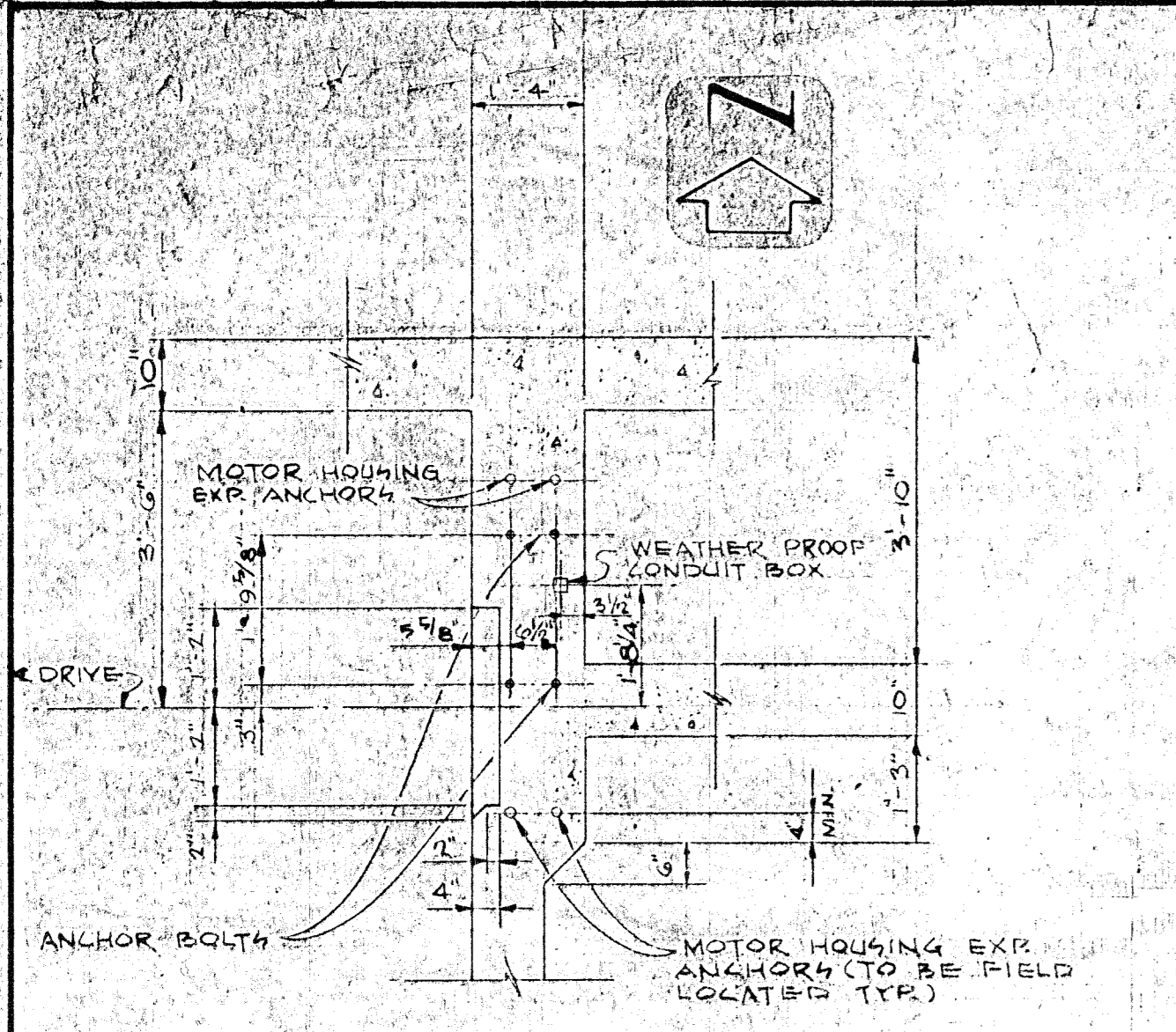
STATE OF OHIO
DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CHIEF ENGINEER
DELAWARE STATE RESERVOIR PARK
WATER STORAGE
TANK, FOUNDATION
AND PUMPING STATION

STANLEY ENGINEERING COMPANY
MUSCATINE, IOWA
CHICAGO, ILLINOIS
CLEVELAND, OHIO
WASHINGTON, D.C.

SCALE: AS SHOWN
PROJECT 21-1-1 41 OF 71

FINAL SEPT. 1, 1948
REV. JUNE 1, 1946

OCT. 8, 1948



NOTE: 2000 P.S.F. 40L BEARING CAPACITY IS REQUIRED.

ALL WORK ON THIS DWG. BY CONTRACT 2 UNLESS NOTED OTHERWISE AND EXCEPT 1. WALL PIPES FURNISHED BY CONTRACT 3 AND INSTALLED BY CONTRACT 1. 2. ALL EQUIPMENT ANCHOR BOLTS AND LOCATIONS TO BE FURNISHED BY CONTRACT 3 AND INSTALLED BY CONTRACT 2. 3. ALL EXP. ANCHORS TO BE FURNISHED AND INSTALLED BY CONTRACT 3. 4. GRATING BY CONTRACT 3.

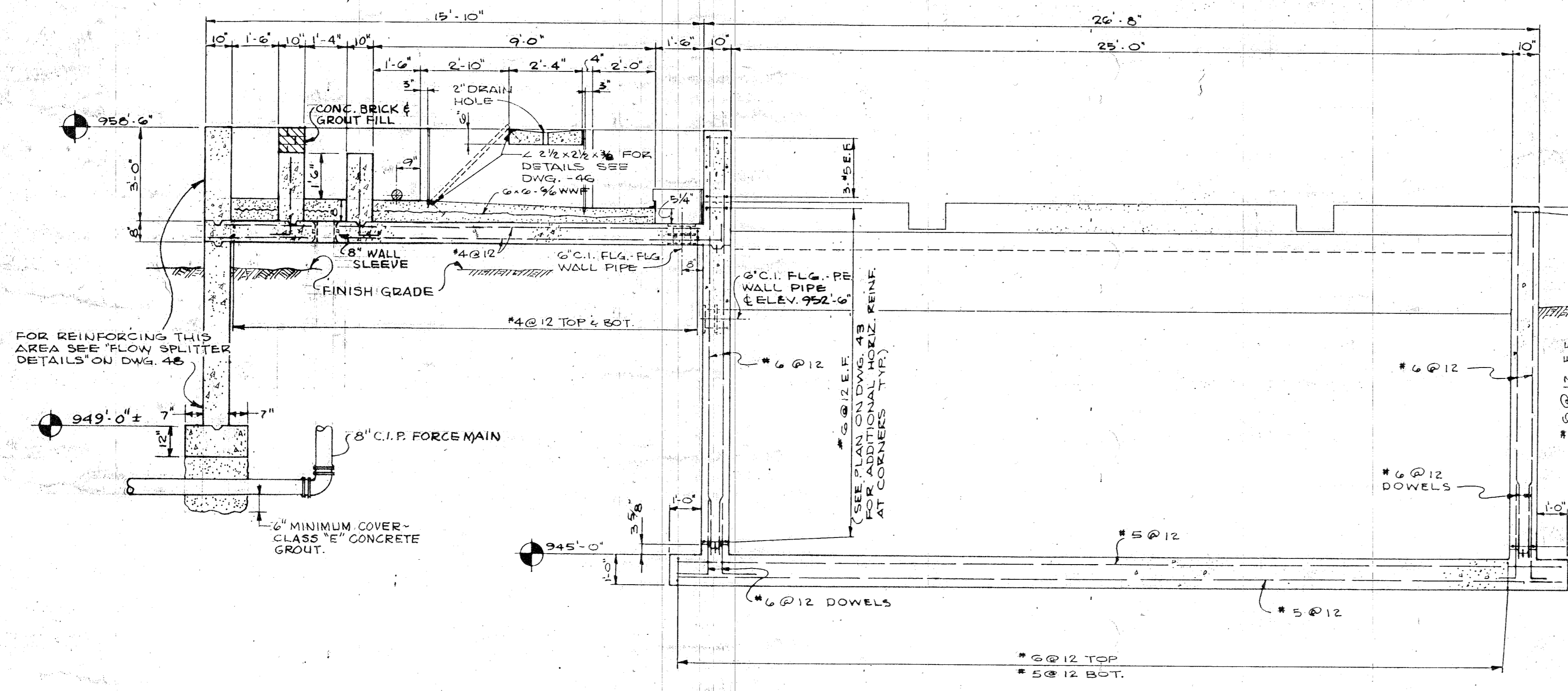
STATE OF OHIO
DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CHIEF ENGINEER
DELAWARE STATE RESERVOIR PARK
SEWAGE TREATMENT PLANT
CONCRETE PLAN

STANLEY ENGINEERING COMPANY
MUSCATINE, IOWA
CHICAGO, ILLINOIS
CLEVELAND, OHIO
WASHINGTON, D.C.

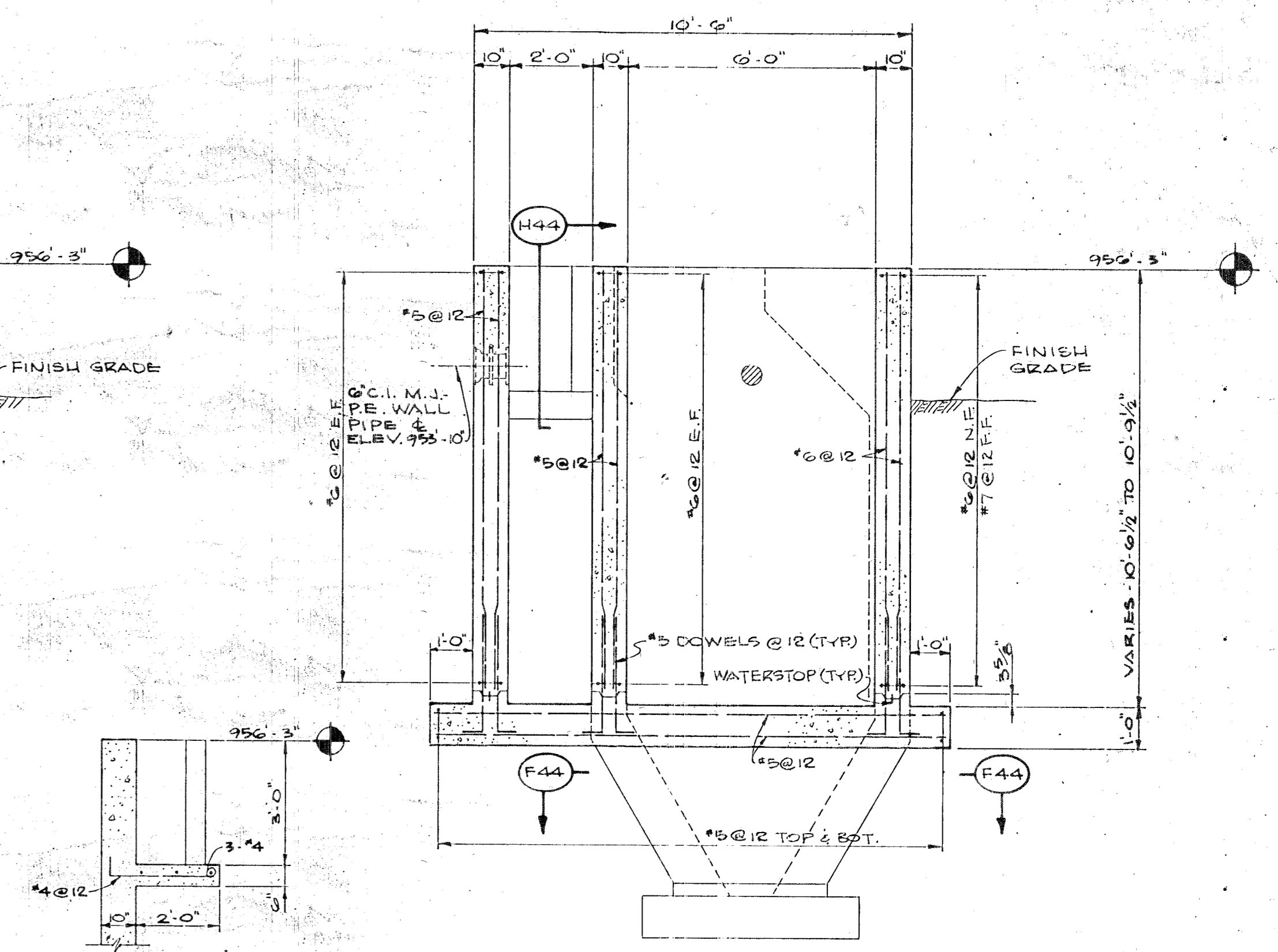
SCALE: 3/8" = 1'-0" UNLESS OTHERWISE NOTED

PROJECT: 21-1-1
43 OF 71

FINAL: SEPT 1, 1968
REVISED: JULY 19, 1966
REDRAWN: MAY 14, 1965

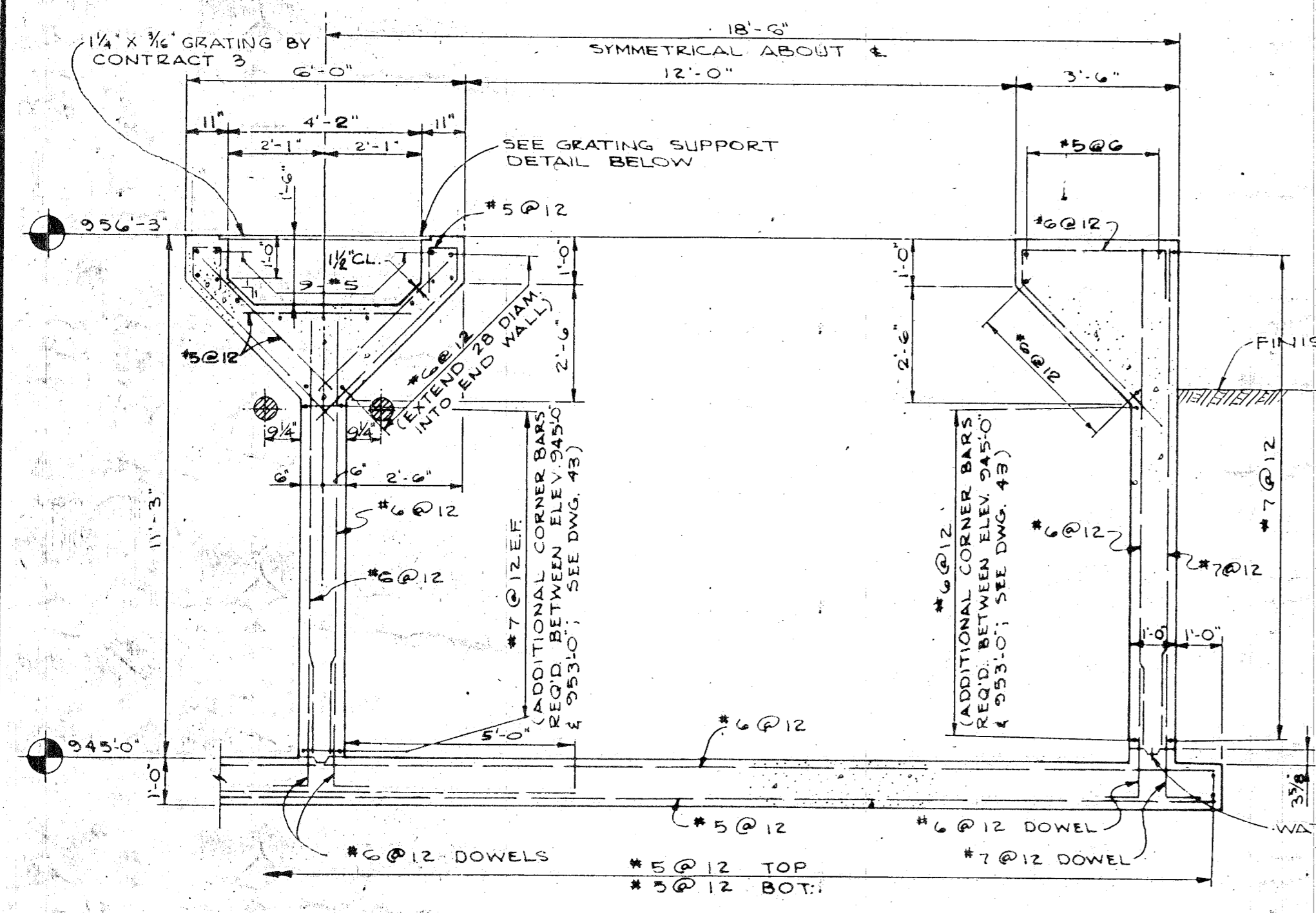


SECTION A-44
43

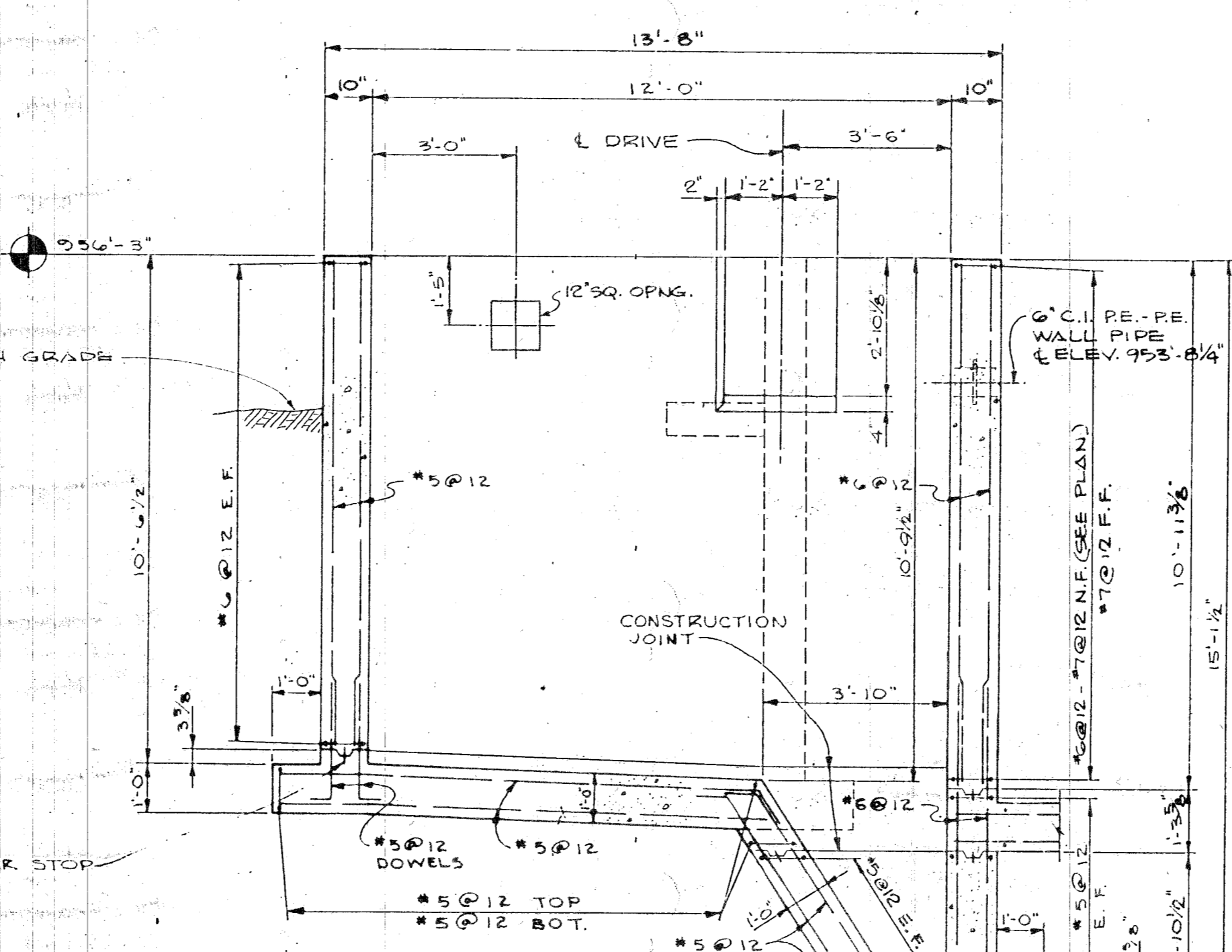


SECTION H-44
44

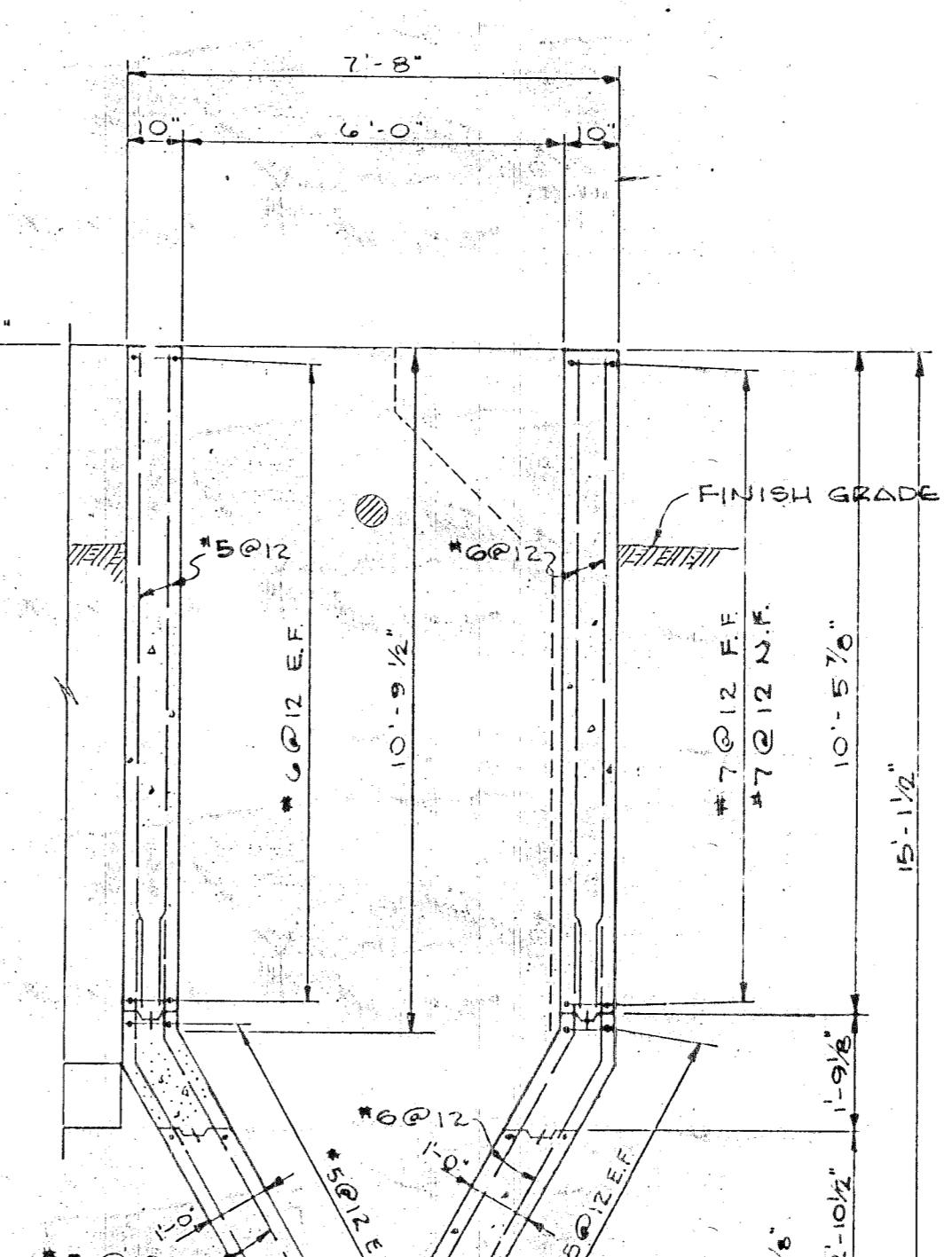
SECTION E-44
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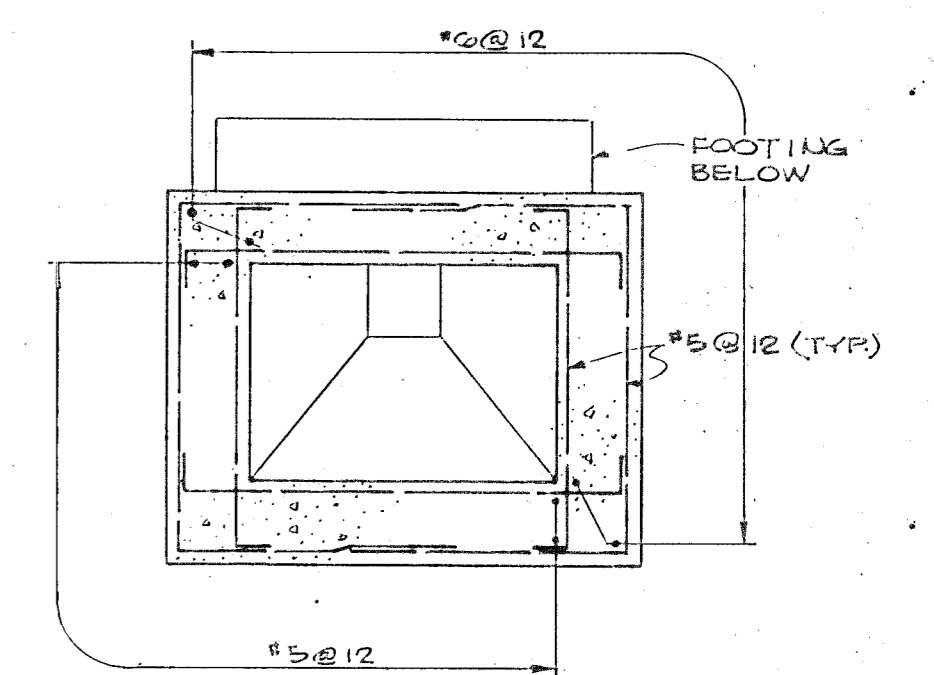
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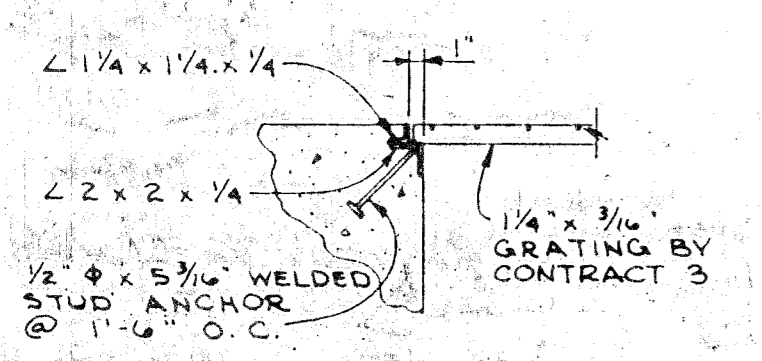
SECTION C-44
43



SECTION D-44
43



SECTION F-44
44



GRATING SUPPORT
DETAIL

NOTE:
ALL WORK ON THIS DWG. BY CONTRACT 2, UNLESS OTHERWISE NOTED AND EXCEPT AS NOTED ON DWG. 43.

STATE OF OHIO
DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CHIEF ENGINEER
DELAWARE STATE RESERVOIR PARK
SEWAGE TREATMENT PLANT
CONCRETE SECTIONS

STANLEY ENGINEERING COMPANY
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WASHINGTON, D.C.

SCALE: 3/8" = 1'-0", UNLESS OTHERWISE SHOWN
PROJECT 21-1-1 44 OF 71

FINAL SEPT. 1, 1965
REV. JULY 19, 1966
REV. MAY 14, 1968