

VILLAGE OF SOUTH WILMINGTON ELEVATED WATER STORAGE TANK 2018

INDEX OF SHEETS:

1	COVER SHEET
2	ELEVATED STORAGE TANK DETAILS
3	ELEVATED STORAGE TANK SITE PLAN
4	WATER MAIN DETAILS

CITY OFFICIALS

MAYOR: RICHARD ALDERSON

CLERK: TERRY SCHULTZ

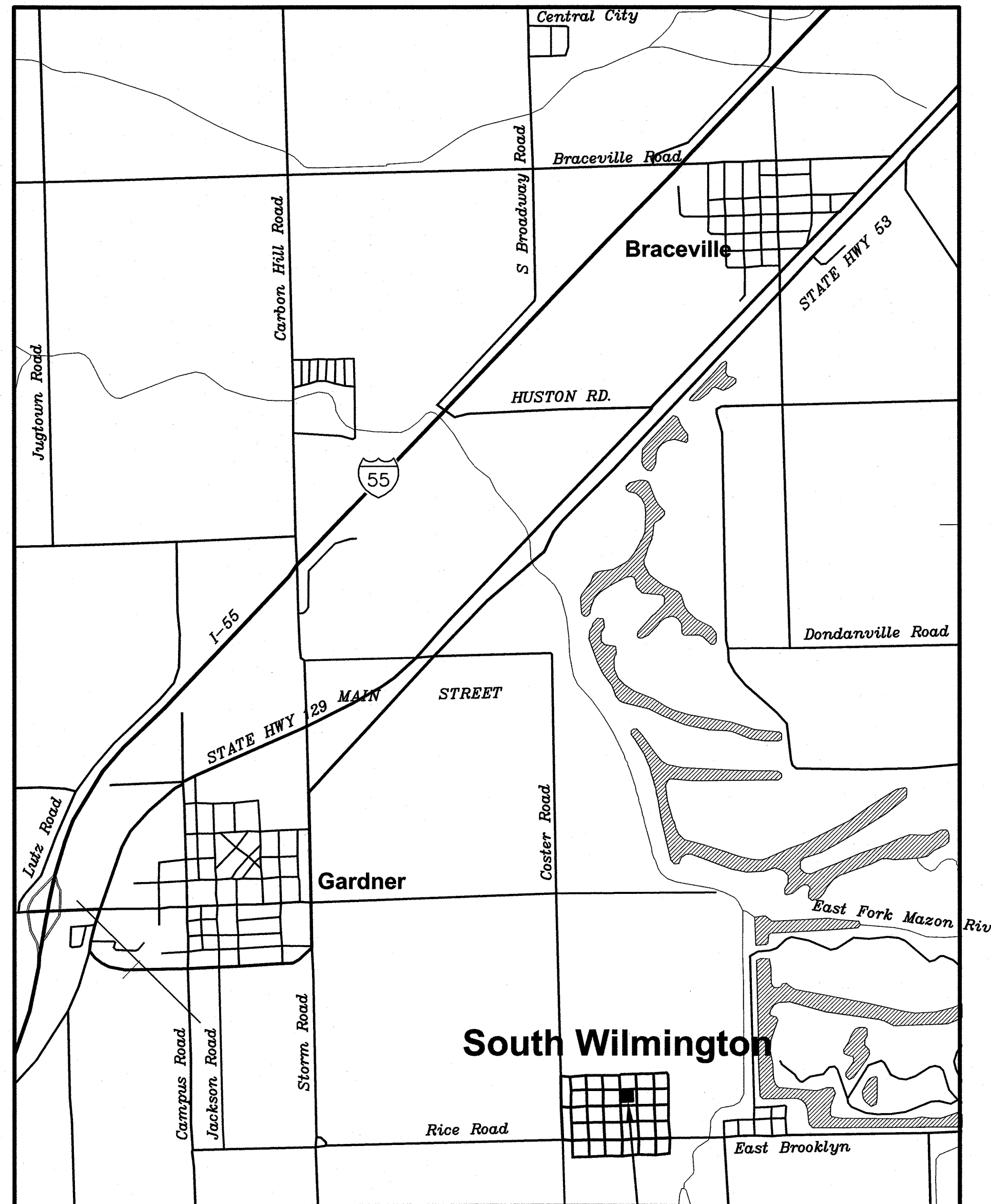
TREASURER: JULIE RIGGI

ATTORNEY: SCOTT BELT & ASSOCIATES

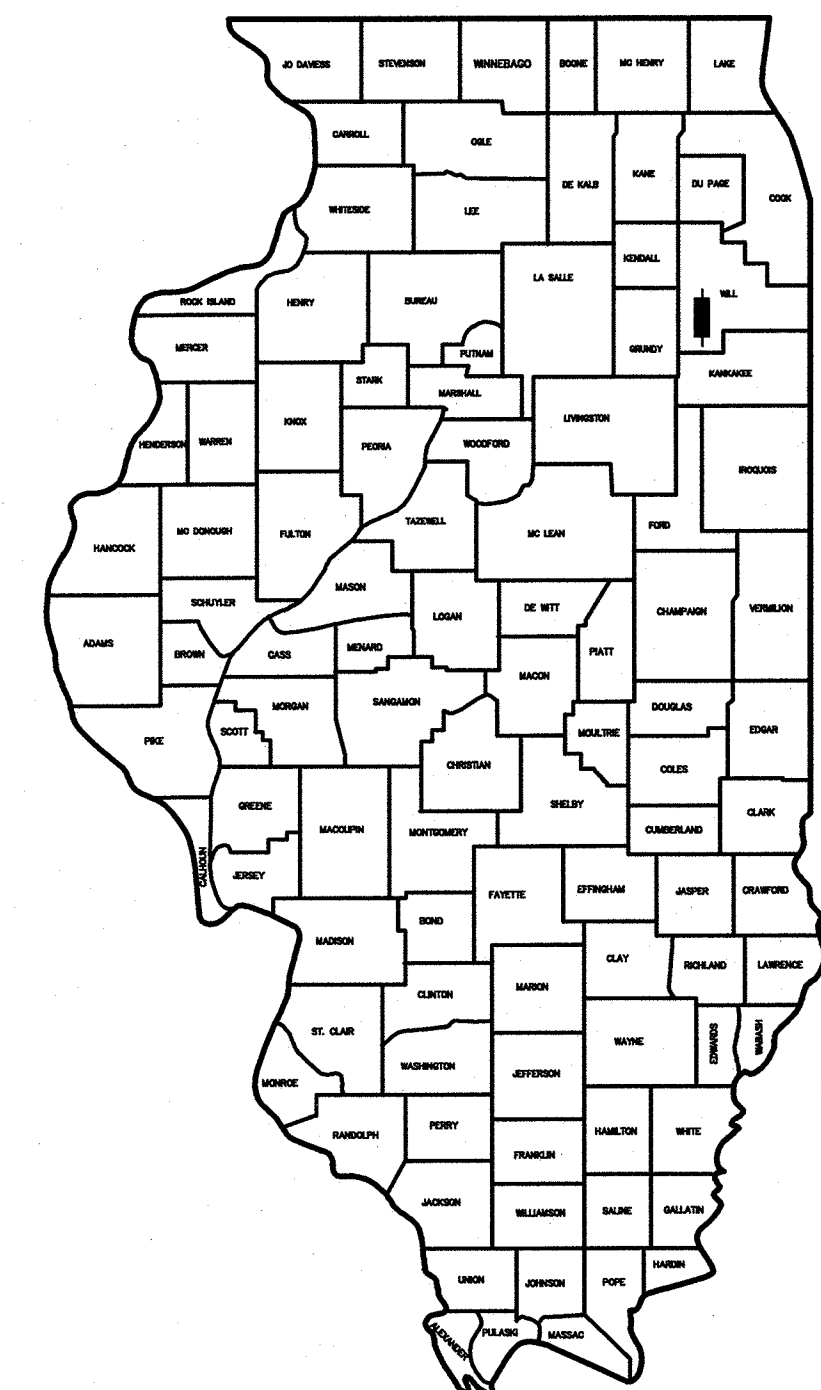
TRUSTEES: RALPH COUNTRYMAN
CHRIS HALPIN
NORMAN LARDI, JR.
DAVID SIMMS, JR.
WILLIAM SIMMS
WAYNE WREN

SURVEYOR / ENGINEER:

CHAMLIN & ASSOCIATES, INC.
3017 FIFTH ST.
PERU, IL. 61354
PHONE: (815) 223-3344
FAX: (815) 223-3348



**PROJECT LOCATION
LOCATION MAP**



LOCATION OF SECTION INDICATED THUS: -- ■ --

UTILITY SERVICE	CONTACT	TELEPHONE NO.
WATER	VILLAGE OF SOUTH WILMINGTON	--
ELECTRICAL POWER	--	--
NATURAL GAS	J.U.L.I.E.	(800) 892-0123
TELEPHONE	J.U.L.I.E.	(800) 892-0123
CABLE	J.U.L.I.E.	(800) 892-0123
SANITARY SEWER	VILLAGE OF SOUTH WILMINGTON	--



4/2/18
date



expires 11-30-2019

Don W. Bixby
signature
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-001717

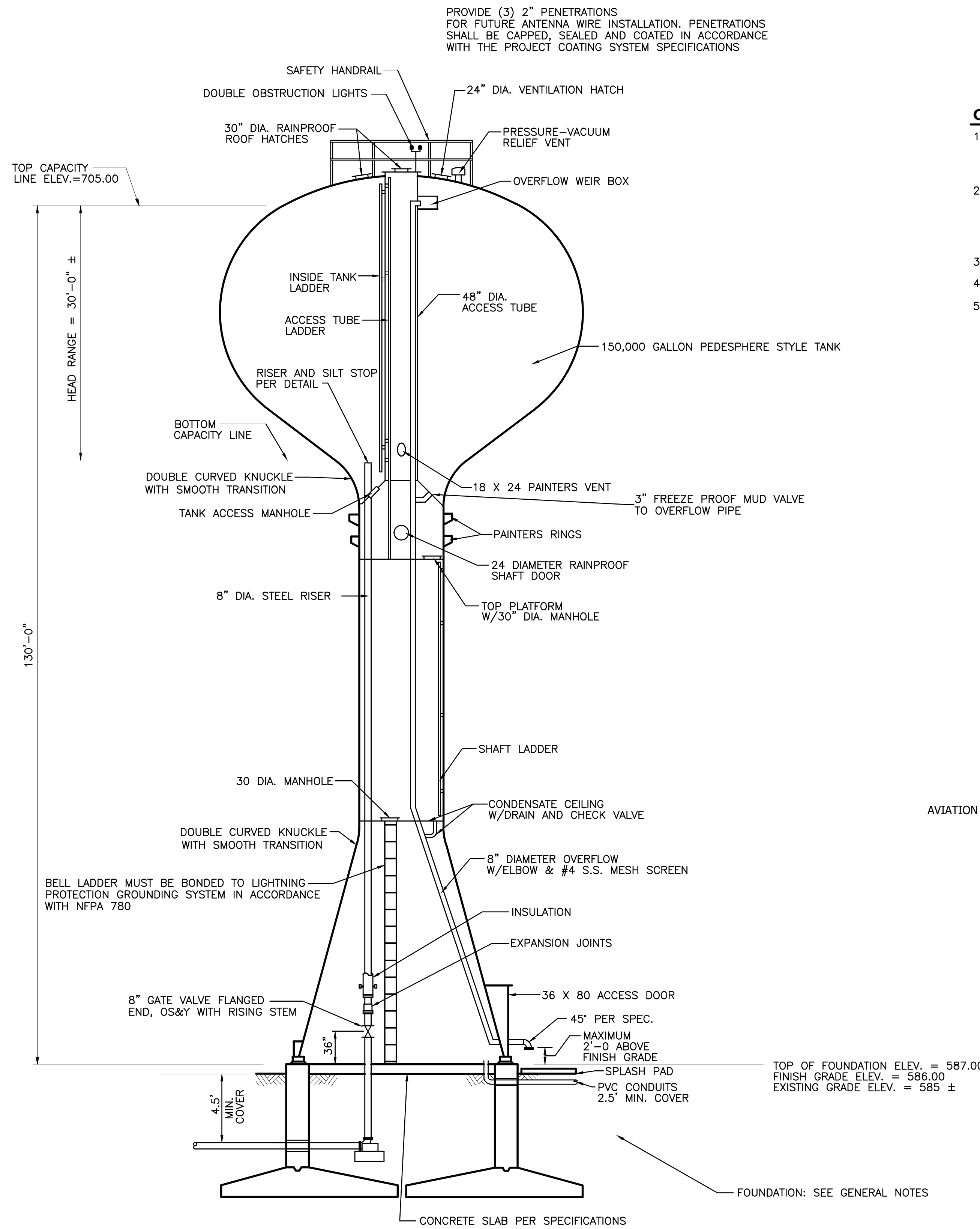
CHAMLIN & ASSOCIATES, INC.

PERU MORRIS
ILLINOIS

DRAWN BY: ARR	LEVEL	BY	DATE	REVISIONS	DESCRIPTION
CHECKED BY: DWB					
DATE: 10/13					

BIDDING

CURRENT AS OF: 3/30/18	
SCALE: AS NOTED	SHEET 1
FILE NO.: 9718.00 Y-	OF 4

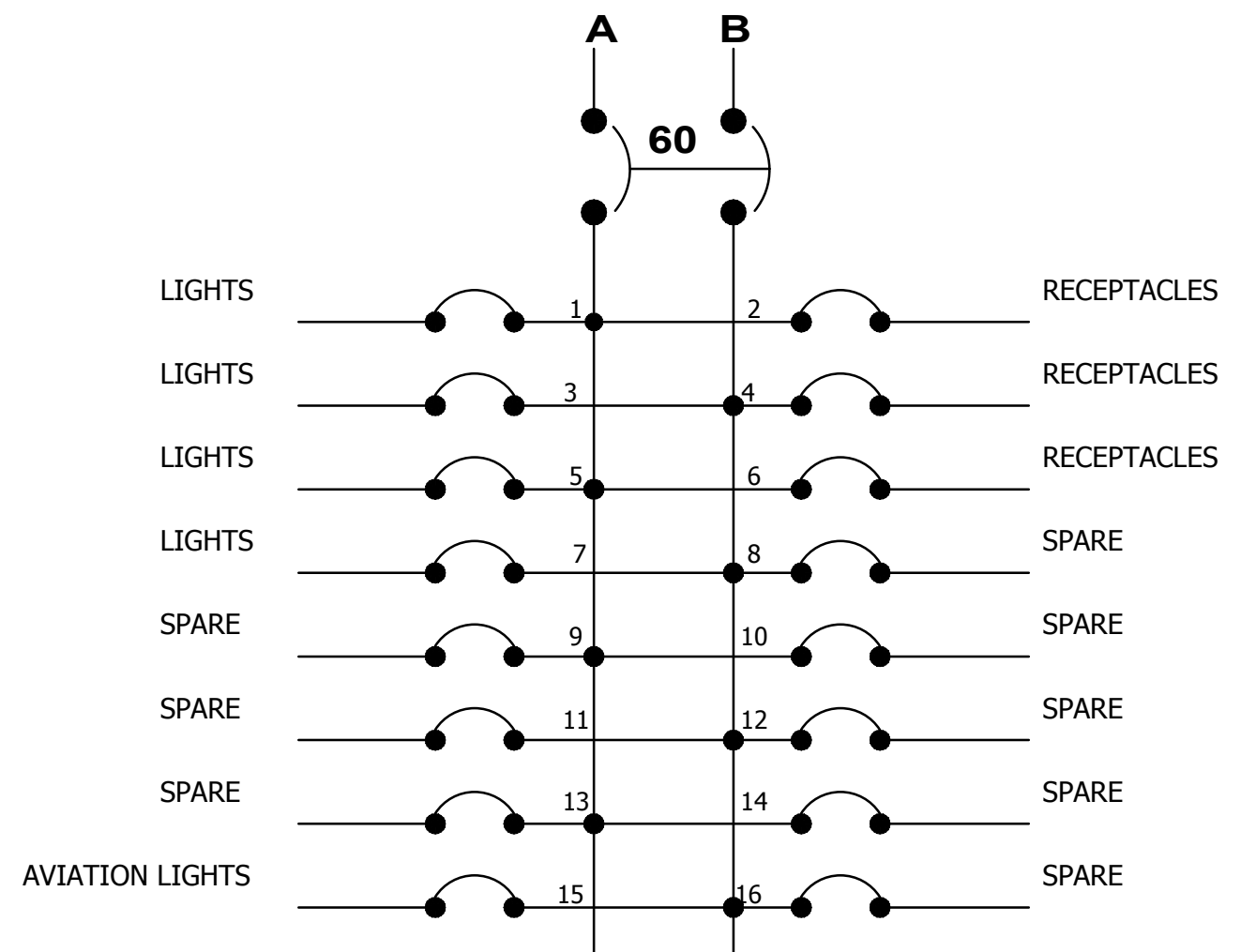


ELEVATION
(N.T.S.)

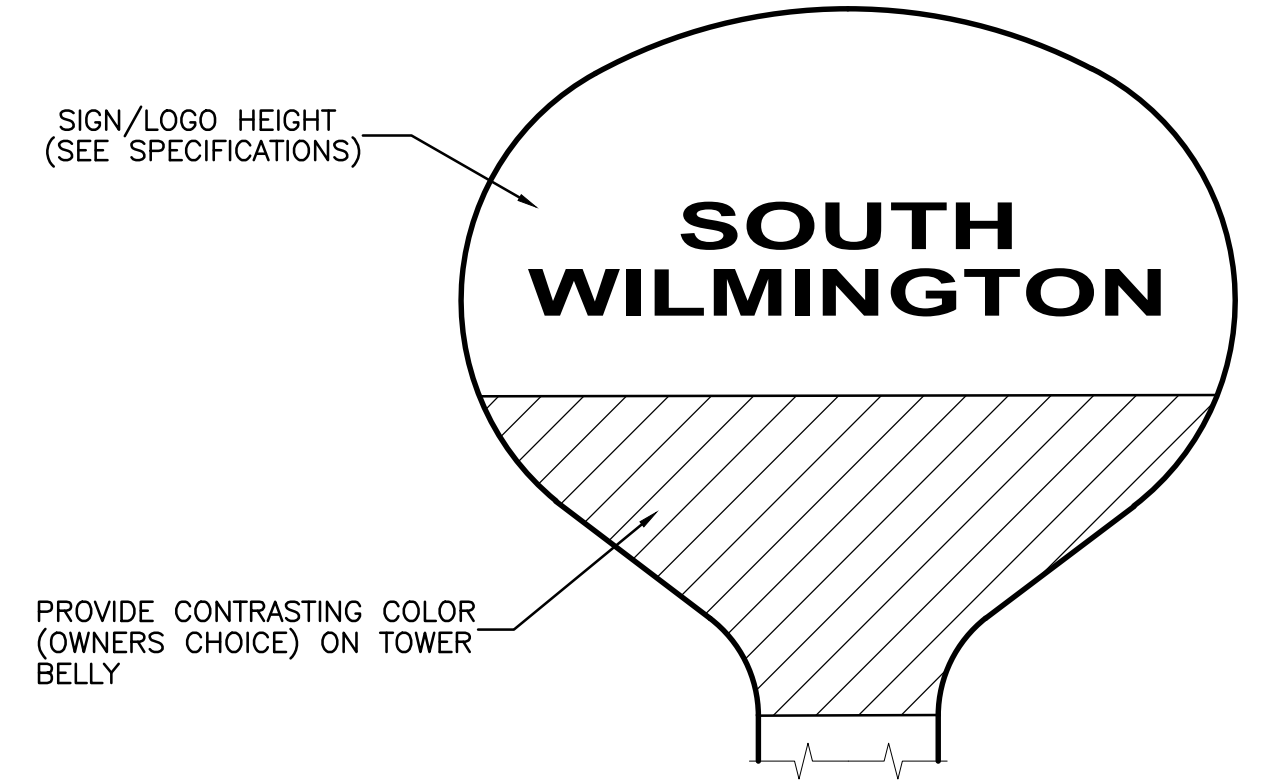
GENERAL NOTES

1. FOUNDATION DESIGN SHALL BE DETERMINED BY THE TANK CONTRACTOR BASED UPON THE SOIL BORING SPECIFIED AND THE RECOMMENDATIONS IN THE SOIL REPORT. IF CONTRACTOR DETERMINES PROVIDED INFORMATION IS INSUFFICIENT, CONTRACTOR SHALL BE RESPONSIBLE TO ACQUIRE ADDITIONAL INFORMATION REQUIRED.
2. IF FOUNDATION DESIGNED AS RING WALL, OPENING IN RING WALL SHALL PROVIDE CLEARANCE FOR MAXIMUM DIAMETER OF CONDUIT OR PIPE (INCLUDING FLANGES AS APPLICABLE). OPENING SHALL BE A NOMINAL ONE INCH LARGER THAN LARGEST DIAMETER. OPENINGS BETWEEN WALL SLEEVES AND PIPE OR CONDUITS SHALL BE SEALED WITH A LINKSEAL (OR EQUAL). GROUT AND CAULK SHALL NOT BE USED.
3. SEE SPECIFICATIONS FOR OPTIONAL AND ALTERNATE ITEMS.
4. DIAMETER OF SPHEROID SHAPED TANK TO BE DETERMINED BY TANK CONTRACTOR
5. ALL INTERIOR AND EXTERIOR LIGHTS INCLUDING THE DOUBLE OBSTRUCTION LIGHTS SHALL BE LED'S

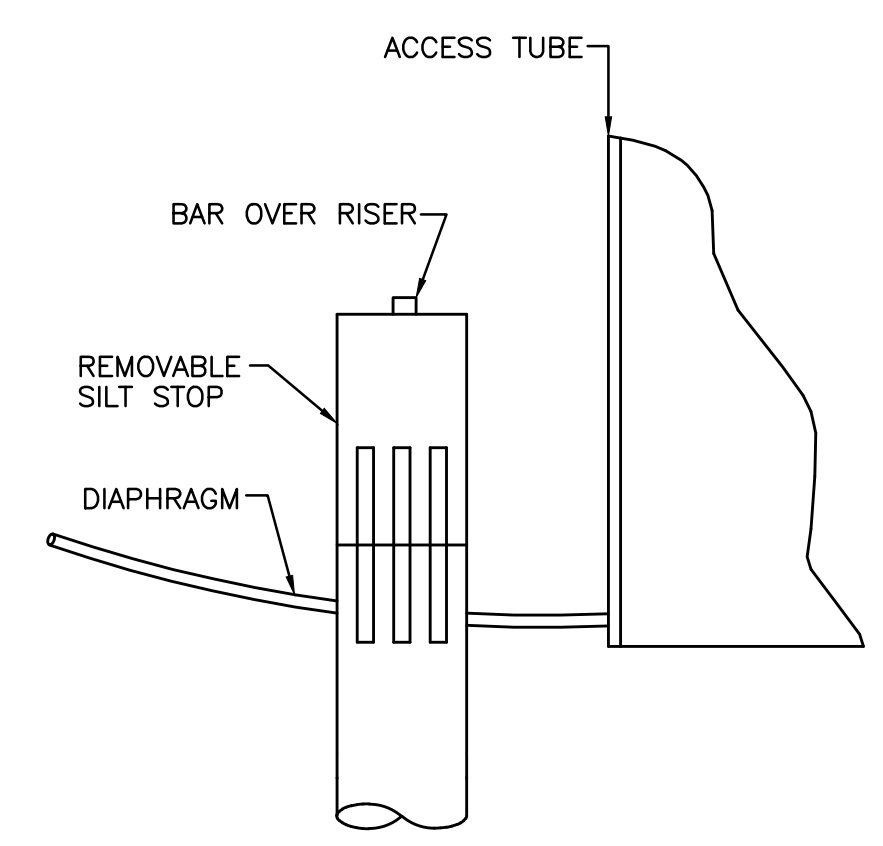
PANEL BOARD (PB-1)
100 AMP, 120/240 VOLT / 1-PH. - 24 SPACE



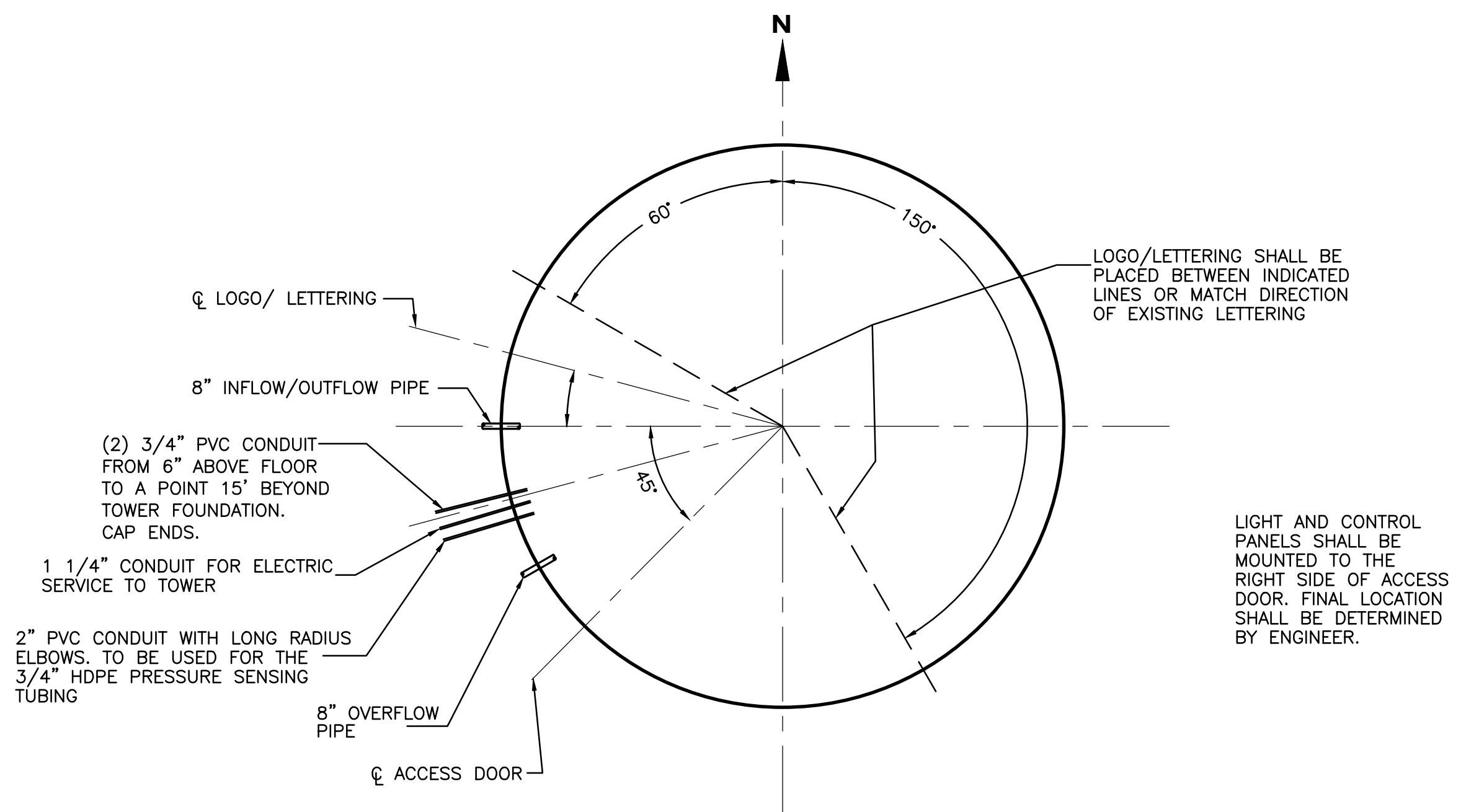
TOWER ELECTRICAL



SIGN OR LOGO
(N.T.S.)



RISER WITH BAR OVER & REMOVABLE SILT STOP
(N.T.S.)



ELEVATED STORAGE TANK MERIDIONAL LAYOUT
(N.T.S.)

CHAMLIN & ASSOCIATES, INC. © 2013
Drawing Name: G:\Users\A.9718-01\South Wilmington-Elevated Water Storage Tank Construction\CAD\TANK-EL.dwg Last Modified: Mar 30, 2018 1:38pm by gregg

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VILLAGE OF SOUTH WILMINGTON
ELEVATED WATER STORAGE TANK
2018

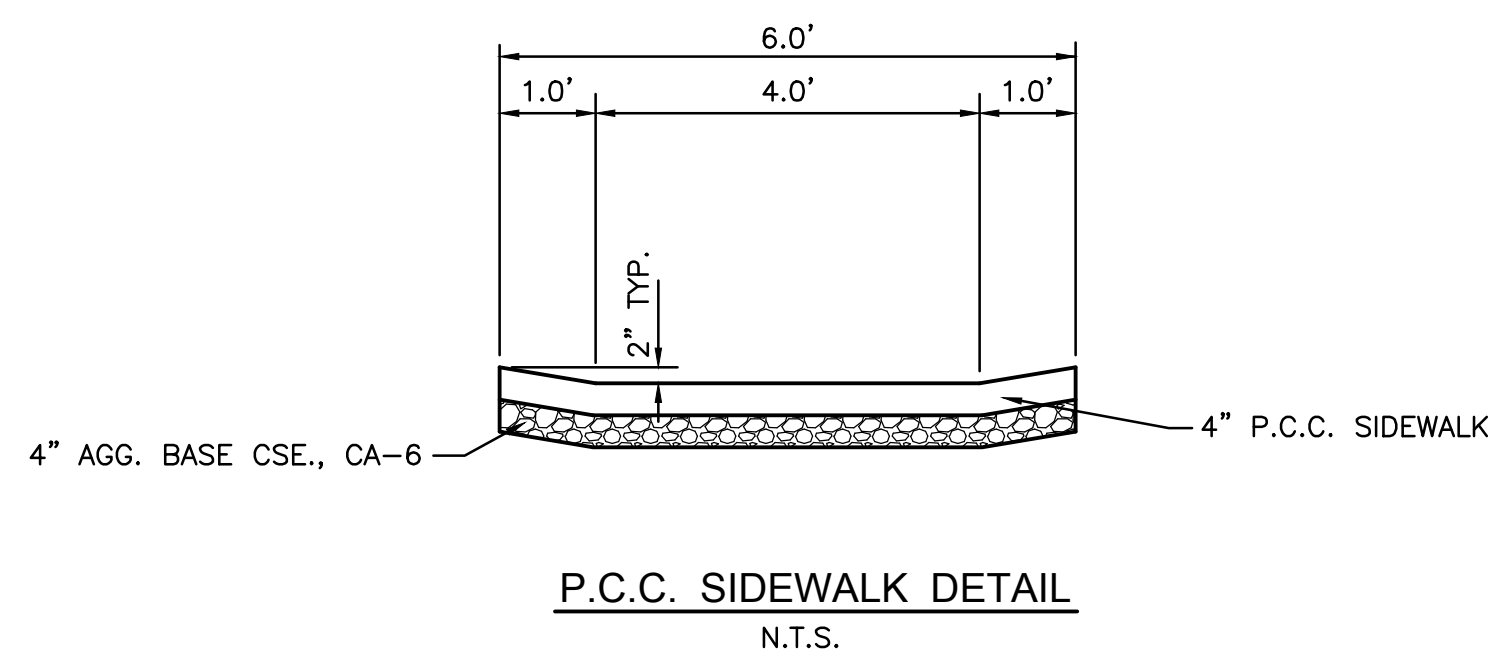
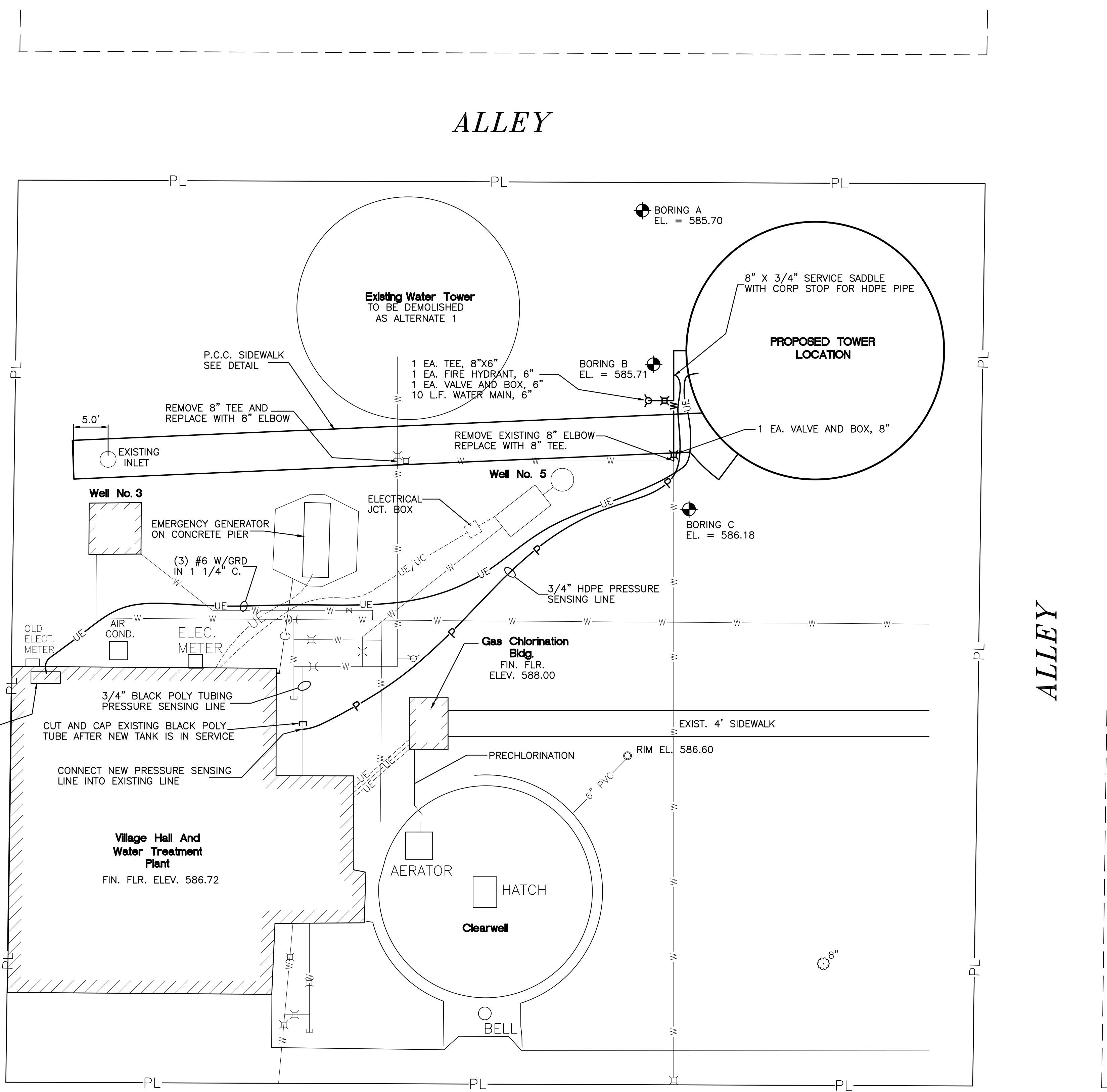
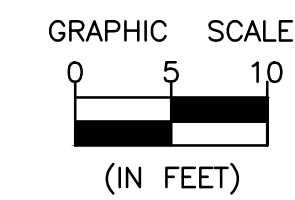
ELEVATED WATER STORAGE TANK DETAILS

BIDDING

CURRENT AS OF: 3/30/18

SCALE: AS NOTED SHEET 2

FILE NO.: 9718.00 Y- OF 4



BENCH MARK:
WORD OPEN ON FIRE HYDRANT
AT NORTHEAST CORNER LAKE ST.
AND FOURTH ST. ELEV.= 588.01

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Drawing Name: G:\Users\G\9718-01-South Wilmington-Elevated Water Storage Tank Construction\CAD SITE.dwg Last Modified: Mar 30, 2018 - 8:35am Plotted on: Apr 02, 2018 - 1:28pm by gresgh

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VILLAGE OF SOUTH WILMINGTON
ELEVATED WATER STORAGE TANK
2018

ELEVATED WATER STORAGE TANK SITE PLAN

BIDDING	CURRENT AS OF: 3/30/18	SHEET 3
	SCALE: AS NOTED	OF 4
	FILE NO.: 9718.00	

NOTES

BEDDING MATERIAL

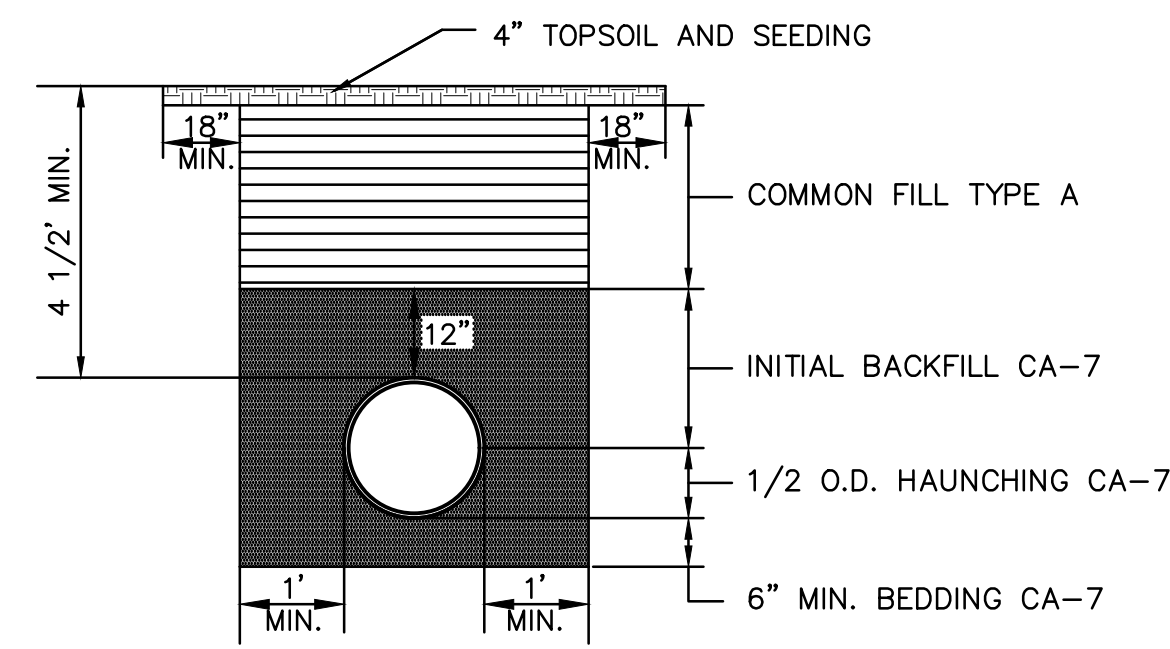
BEDDING, HAUNCH, AND INITIAL BACKFILL SHALL BE CA-7 GRANULAR MATERIAL.

FILL MATERIAL

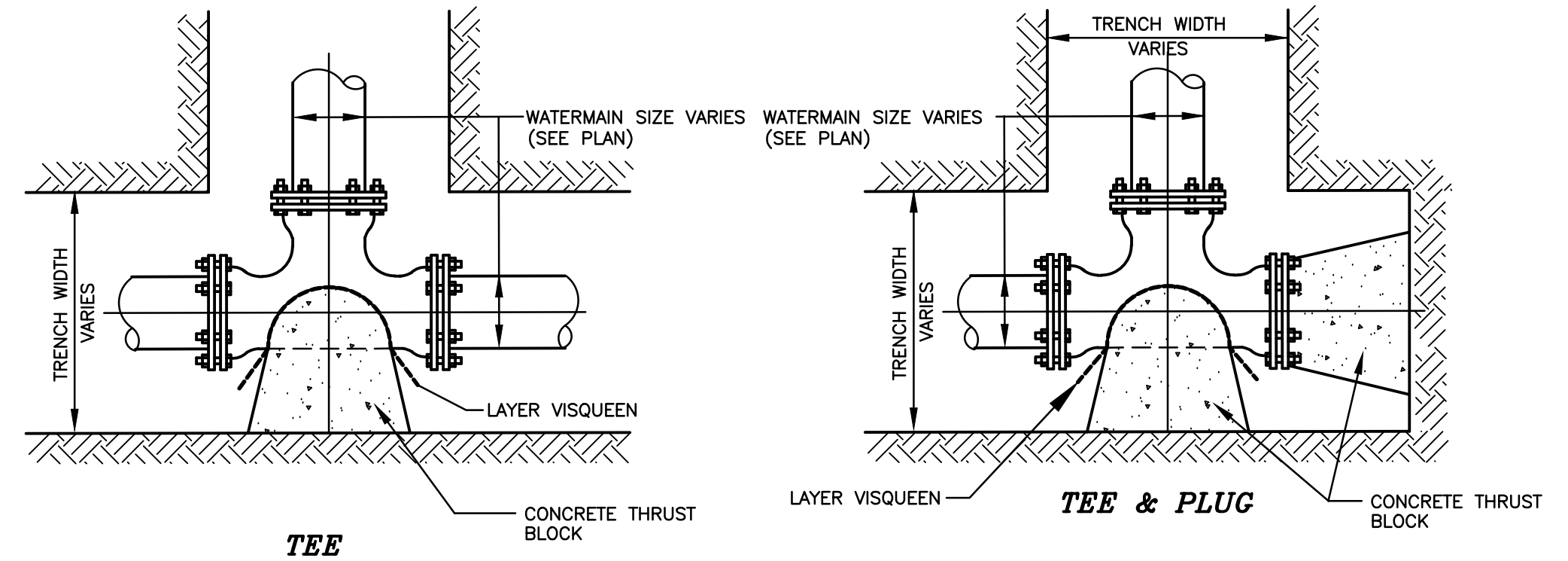
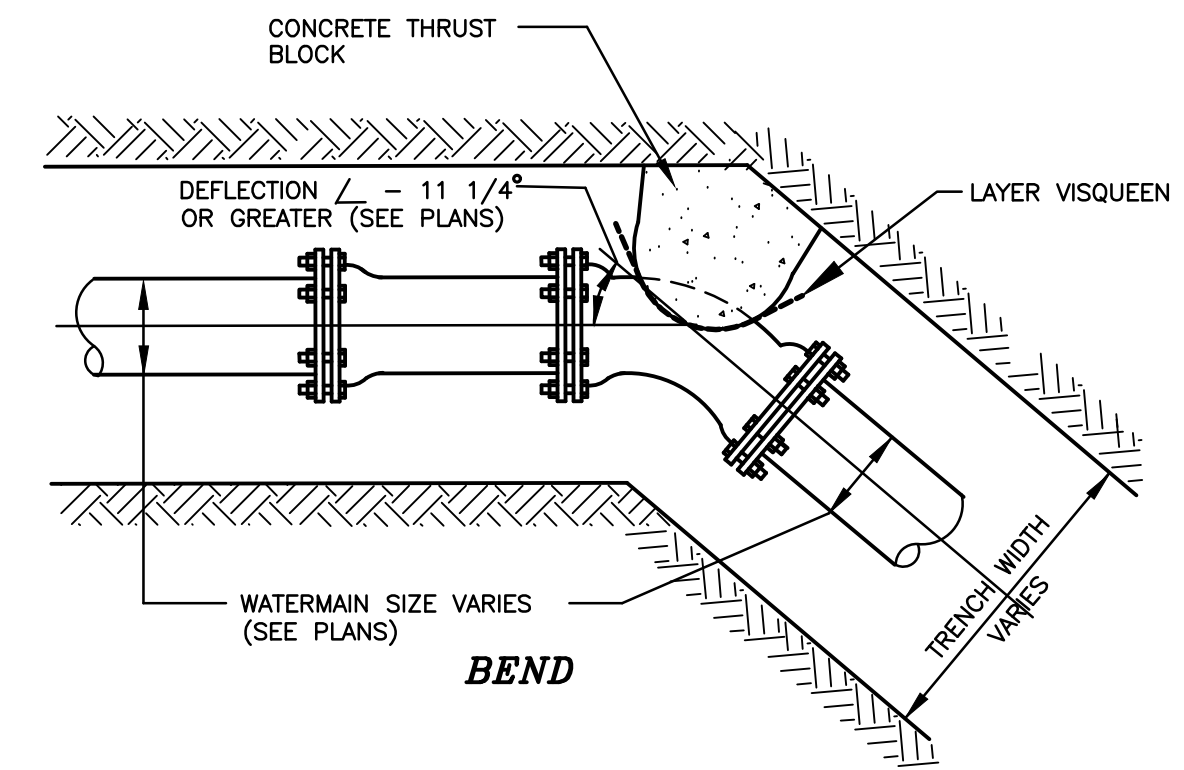
MATERIAL FOR BACKFILLING SHALL BE EARTH MATERIALS ENTIRELY FREE FROM VEGETATION, TRASH, LUMBER, FROZEN, SOFT OR ORGANIC MATERIALS. NO STONES OR ROCKS LARGER THAN 1".

SURFACE RESTORATION

RESTORE SURFACE WITH 4" TOPSOIL AND SEEDING IN ACCORDANCE WITH PLAN NOTES AND SPECIFICATIONS.

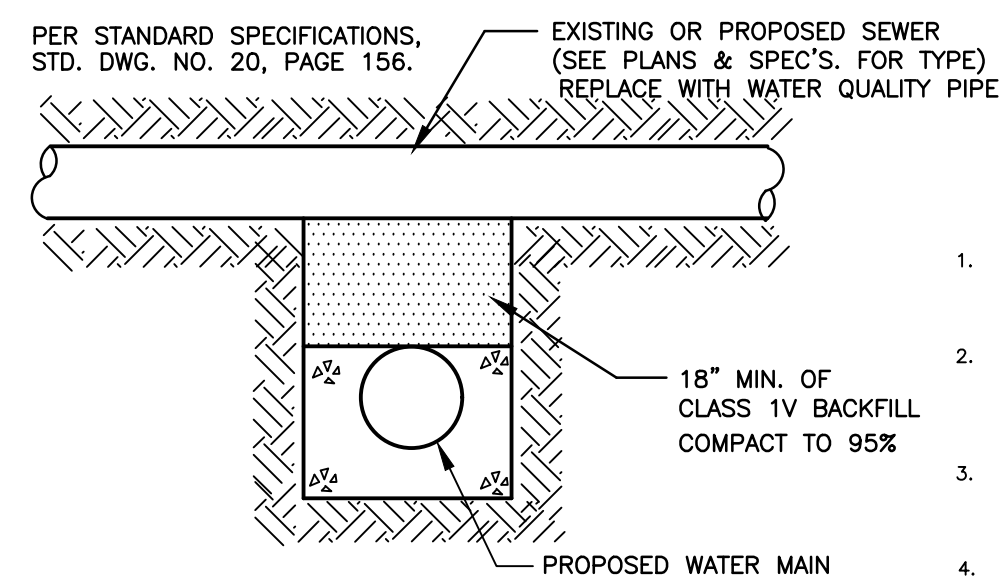


TRENCH DETAIL
NOT TO SCALE



NOTE: ALL BLOCKING SHALL BE POURED CONCRETE, AGAINST UNDISTURBED VERTICAL GROUND FACE.

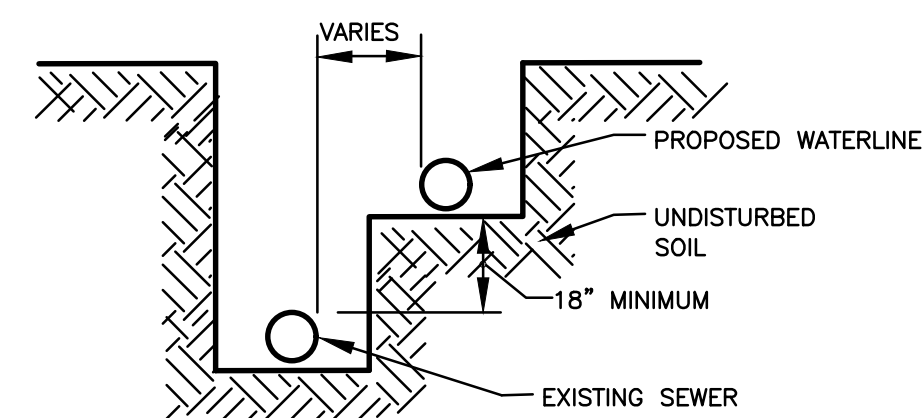
WATER MAIN FITTING BLOCKING DETAILS
NOT TO SCALE



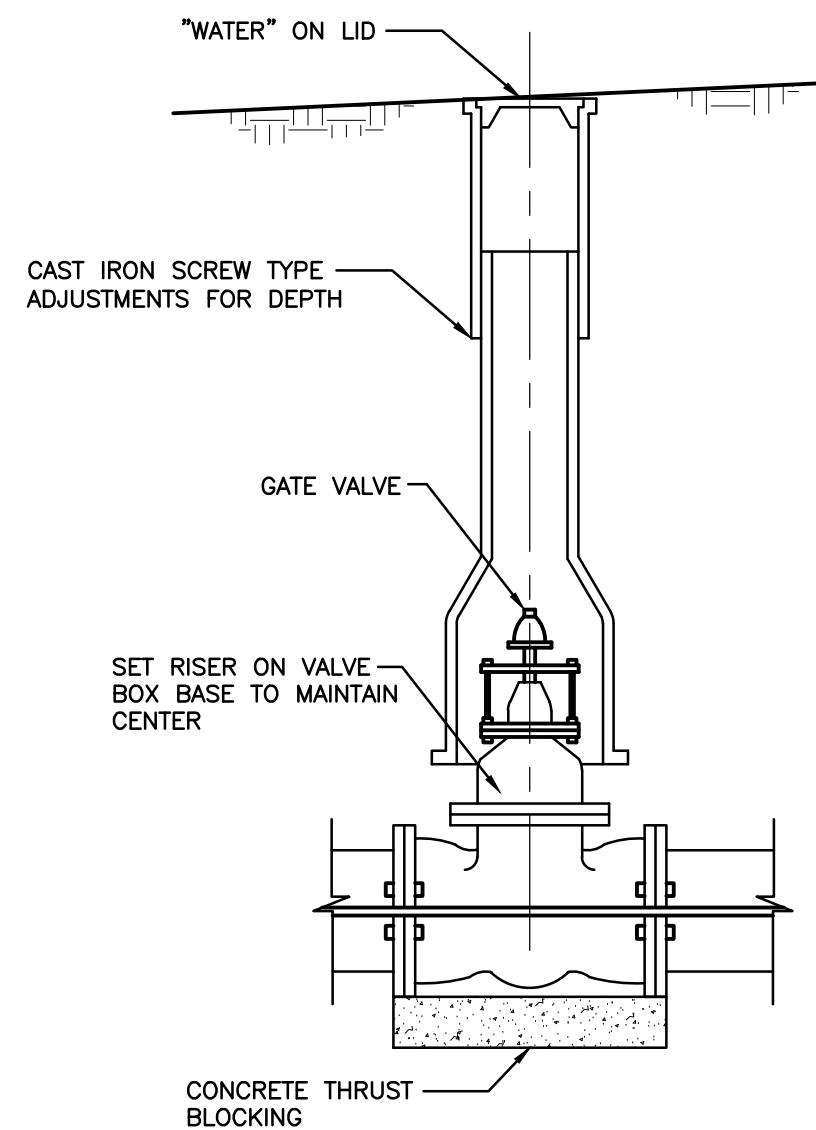
WATER AND SEWER SEPARATION DETAIL

GUIDELINES:

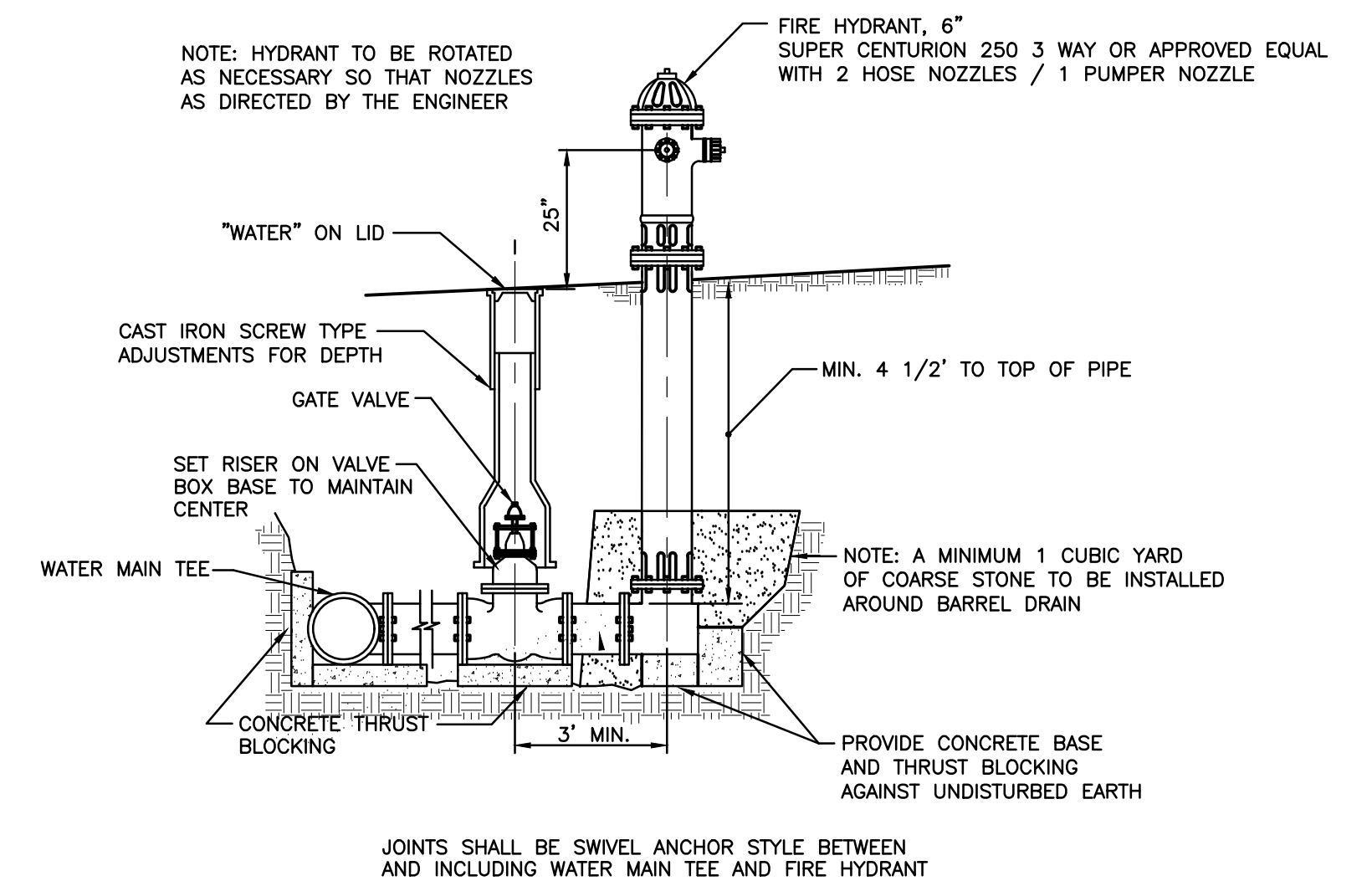
- IF SELECT GRANULAR BACKFILL EXISTS; REMOVE WITHIN WIDTH OF PROPOSED SEWER TRENCH AND REPLACE WITH SELECT EXCAVATED (CLASS IV) AND COMPACT.
- OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR 10 FEET ON EITHER SIDE OF WATERMAIN ON THE PLANS.
- CONSTRUCT 10 FEET OF PROPOSED SEWER OF WATERMAIN MATERIAL AND PRESSURE TEST, OR:
 - USE 10 FEET OF CASING FOR PROPOSED SEWER AND SEAL ENDS OF CASING.
 - POINT LOADS SHALL NOT ALLOWED BETWEEN SEWER OR SEWER CASING AND WATERMAIN.
- PROVIDE ADEQUATE SUPPORT FOR EXISTING WATERMAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.



WATER AND SEWER SEPARATION REQUIREMENTS



VALVE AND RISER DETAIL
NOT TO SCALE



FIRE HYDRANT DETAIL
NOT TO SCALE

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WATER MAIN DETAILS

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SCALE: AS NOTED	SHEET 4
FILE NO.: 9718.00 Y-	OF 4