

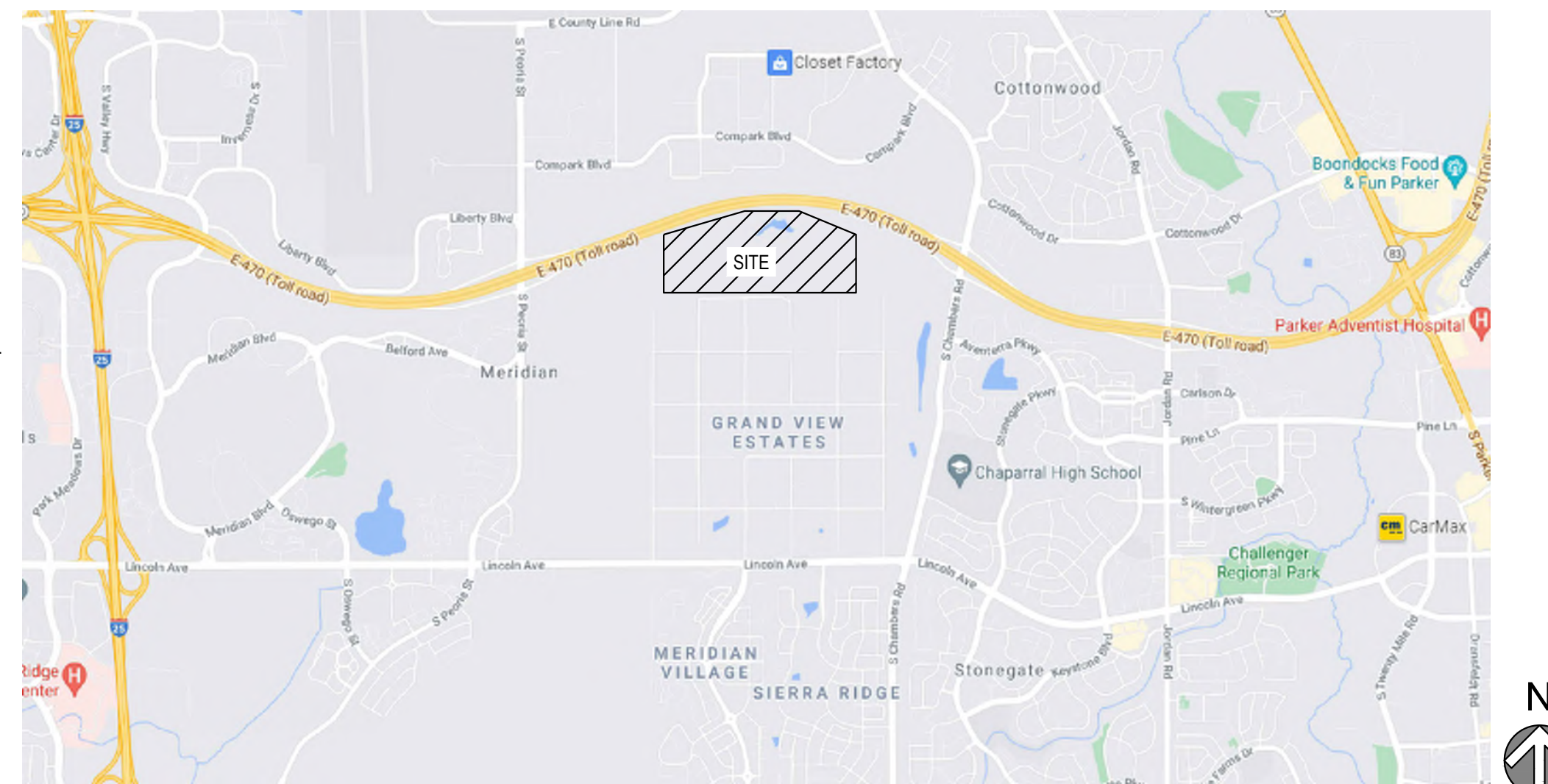
WATER AND SANITARY SEWER CONSTRUCTION PLANS FOR: COMPARK VILLAGE SOUTH

COMPARK VILLAGE SOUTH, TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO

THE WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 6, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN BEING MONUMENTED AS SHOWN
HEREON HAVING A BEARING OF NORTH 00°29'49" WEST, AS DETERMINED BY GPS OBSERVATION FROM NGS CONTROL POINTS IN THE COLORADO CENTRAL ZONE, STATE PLANE
COORDINATE SYSTEM TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO

LEGEND

PROPOSED	EXISTING	
CATV	CATV	CABLE TV LINE W/ PEDESTAL
E	EX E	ELECTRIC LINE W/ BOX, METER, AND LIGHT
OHE	EX OE	OVERHEAD ELECTRIC WITH POLE
OHE/C	EX OHE/C	OVERHEAD ELECTRIC COMMUNICATIONS
UE	EX UE	UNDERGROUND ELECTRIC
FO	EX FO	FIBER OPTIC LINE W/ TRAFFIC CONTROL BOX
F	EX F	FIRE
G	EX G	GAS LINE W/ DRY UTILITY VAULT
IRR	EX IRR	IRRIGATION
SS	EX SS	SANITARY SEWER W/ MANHOLE
SD	EX SD	STORM SEWER FES W/ MAHNOLE, RIPRAP
T	EX T	TELEPHONE LINE W/ PEDESTAL
OHT	OHT	OVERHEAD TELEPHONE
W	EX W	WATER LINE, VALVE, FITTINGS, METER, AND HYDRANT
T	EX T	UNDERDRAIN
		CURB AND GUTTER
		WHEEL STOP
4950	4950	CONTOURS
UD	UD	TRASH ENCLOSURE
UD	UD	UNDERDRAIN W/ TYPE R INLET
X	X	FENCE LINE
>	>	DRAINAGE SWALE
		RIGHT-OF-WAY
		SECTION LINE
		PROPERTY LINE
		LOT LINE
		EASEMENT
		IRRIGATION CONTROL VALVE BOX
		PEDESTRIAN LIGHT
		STREET LIGHT
		TRAFFIC LIGHT
4990	4990	SPOT ELEVATION
		FLOW OF WATER
		SIGN



Vicinity Map

N.T.S.

DEVELOPER/ OWNER
CENTURY
PHONE:
CONTACT:

PLANNER
PHONE:
CONTACT:

SURVEYOR
MERRICK & COMPANY
5970 GREENWOOD PLAZA BLVD.
GREENWOOD VILLAGE, CO 80111
PHONE: 303-751-0741
CONTACT: KENNETH G. OUELLETTE, PLS

ENGINEER
MERRICK & COMPANY
5970 GREENWOOD PLAZA BLVD.
GREENWOOD VILLAGE, CO 80111
PHONE: 303-751-0741
CONTACT: KRISTOFER K. WIEST, PE

TOWN & UTILITY CONTACTS

TOWN OF PARKER
CONTACT: MIKE WAUGH
PHONE: 303-840-9546

INTERMOUNTAIN REA
CONTACT: BROOKS KAUFMAN
PHONE: 303-688-3100

CENTURY LINK
CONTACT: WILLIAM BENSON
PHONE: 303-320-8333

SOUTH METRO FIRE DISTRICT
CONTACT: MICHELLE HERIAN
PHONE: 720-488-7200

COMCAST
CONTACT: KEVIN YOUNG
PHONE: 720-490-3867
XCEL ENERGY
CONTACT: MICHELLE O'NAN
PHONE: 303-329-1618
STONEGATE VILLAGE METRO DISTRICT
CONTACT: SCOTT BARNETT
PHONE: 303-858-9909

Sheet List Table	
Sheet Number	Sheet Title
C1.0	CV
C1.1	GN
C2.0	OVR UTIL
C3.0	WATER P&P 1
C3.1	WATER P&P 2
C3.2	WATER P&P 3
C3.6	SAN-P&P 2
C3.7	SAN-P&P 3
C4.1	STND DT 1
--	WATER DETAILS 1
--	WATER DETAILS 2
--	WATER DETAILS 3
--	WATER DETAILS 4
--	WATER DETAILS 5
--	WATER DETAILS 6
--	WATER DETAILS 7
--	WATER DETAILS 8
--	WATER DETAILS 9
--	WATER DETAILS 10
--	WATER DETAILS 11
--	WATER DETAILS 12
--	WATER DETAILS 13
--	SAN DETAIL 1
--	SAN DETAIL 2
--	SAN DETAIL 3
--	SAN DETAIL 4
--	SAN DETAIL 5

BASIS OF BEARINGS:
BEARINGS ARE ASSUMED AND ARE BASED UPON THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 6, AS BEARING N87°48'59"E A DISTANCE OF 2634.09 FEET BETWEEN THE SOUTH QUARTER CORNER OF SAID SECTION 6, BEING A FOUND 3-1/4" ALUMINUM CAP, FLUSH WITH THE SURFACE AND STAMPED: PLS 38026 AND THE SOUTHEAST CORNER OF SAID SECTION 6, BEING A FOUND 3-1/4" ALUMINUM CAP, FLUSH WITH THE SURFACE AND STAMPED PLS 12405.

BASIS OF ELEVATION:

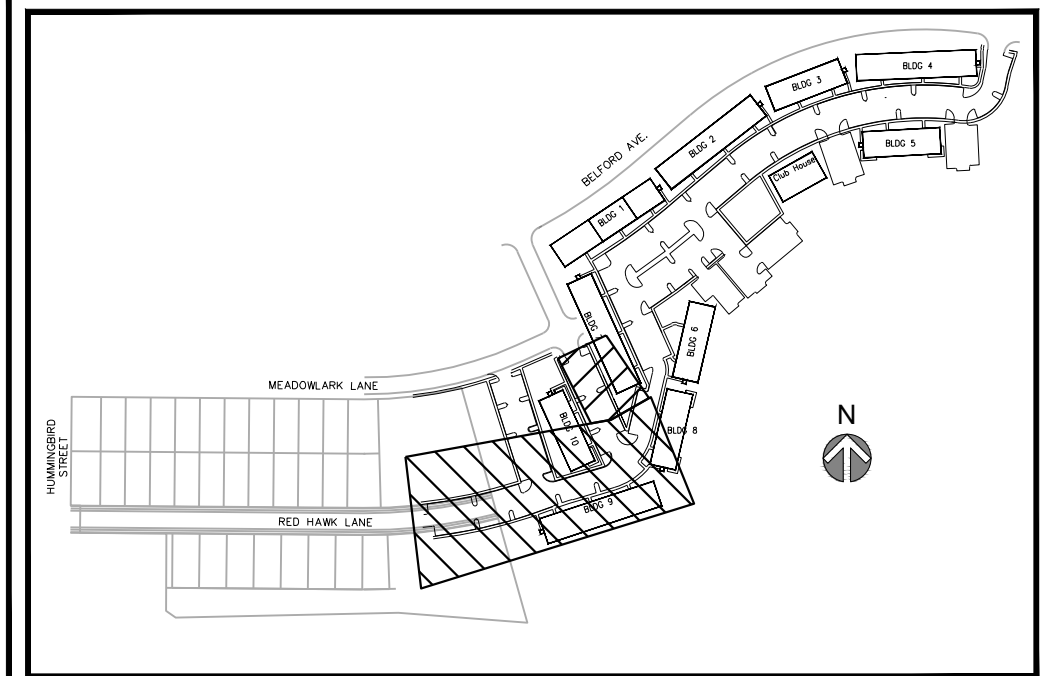
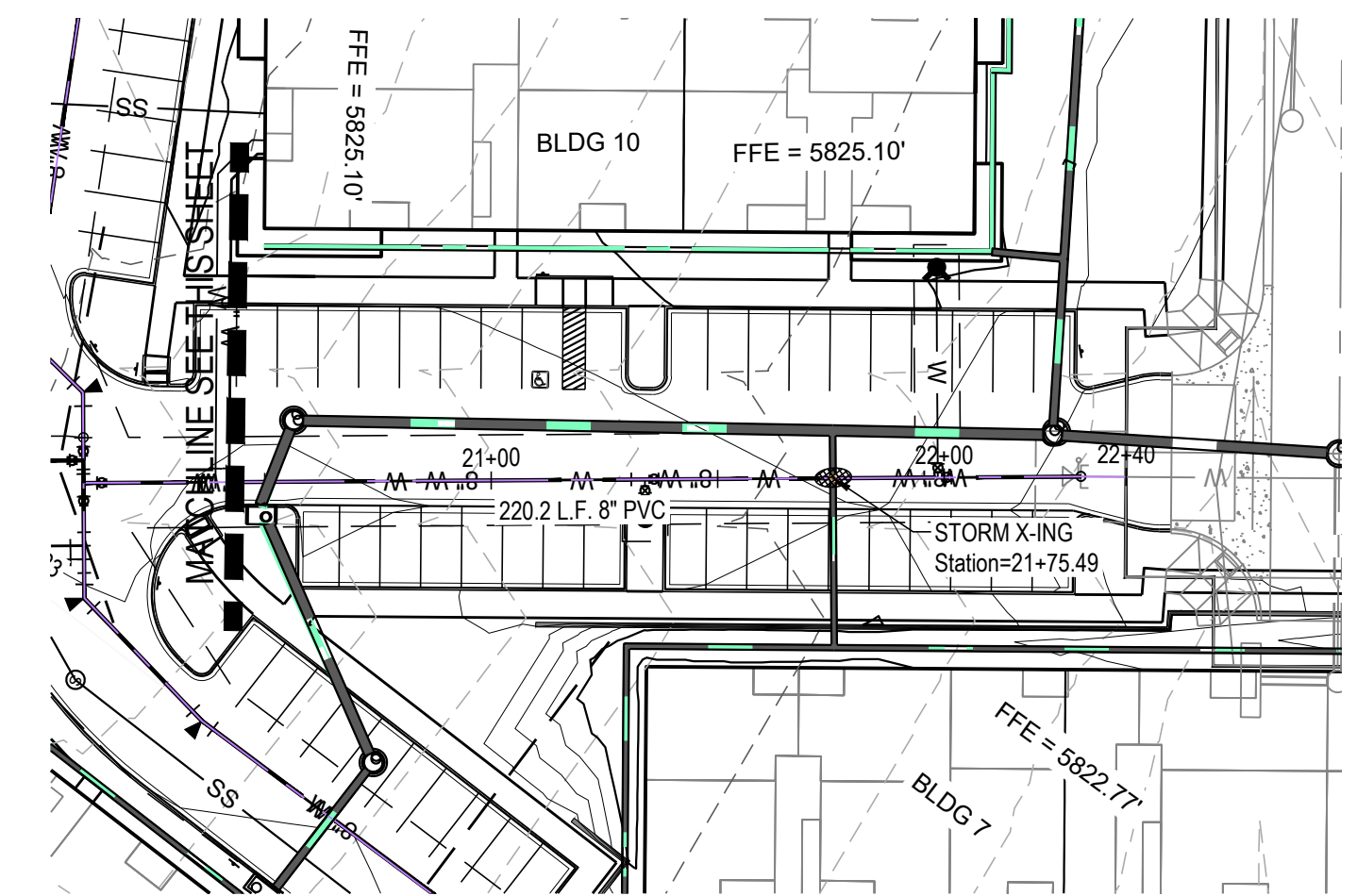
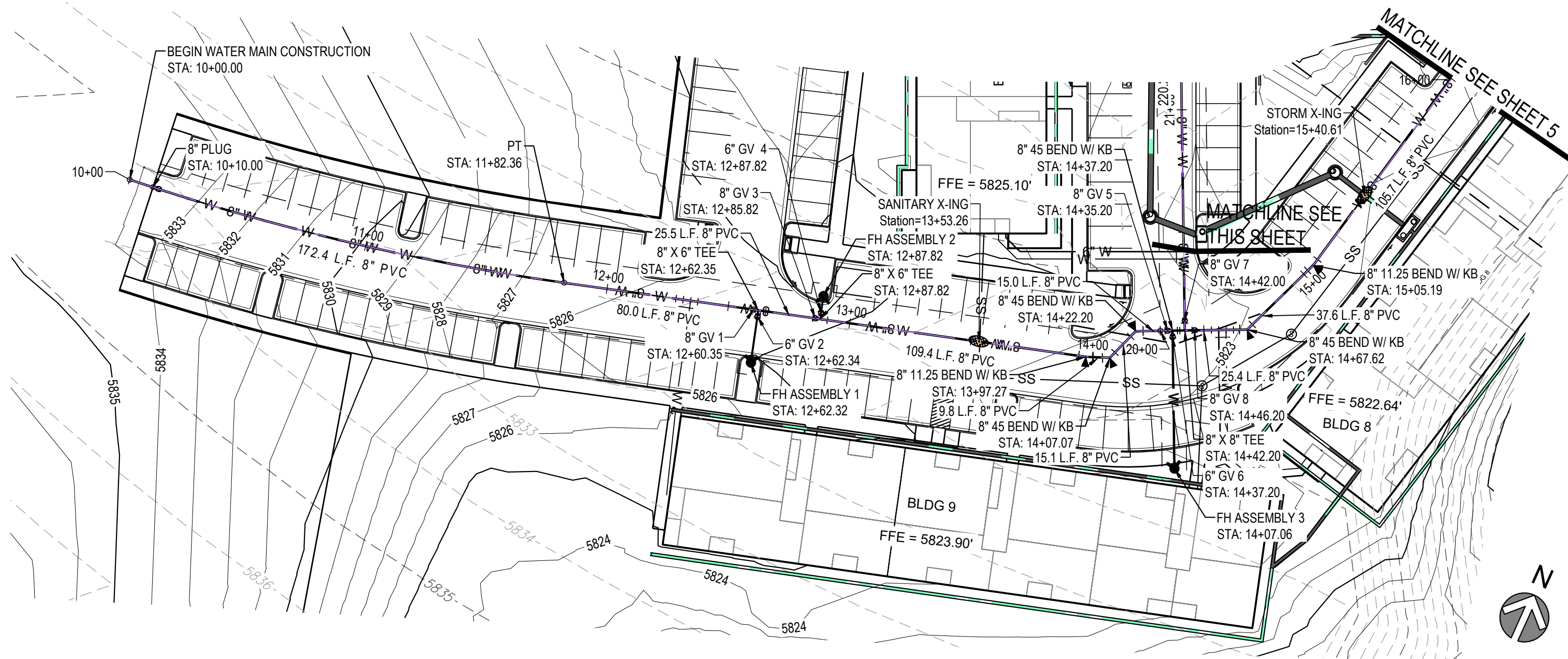


Know what's below.
Call before you dig.

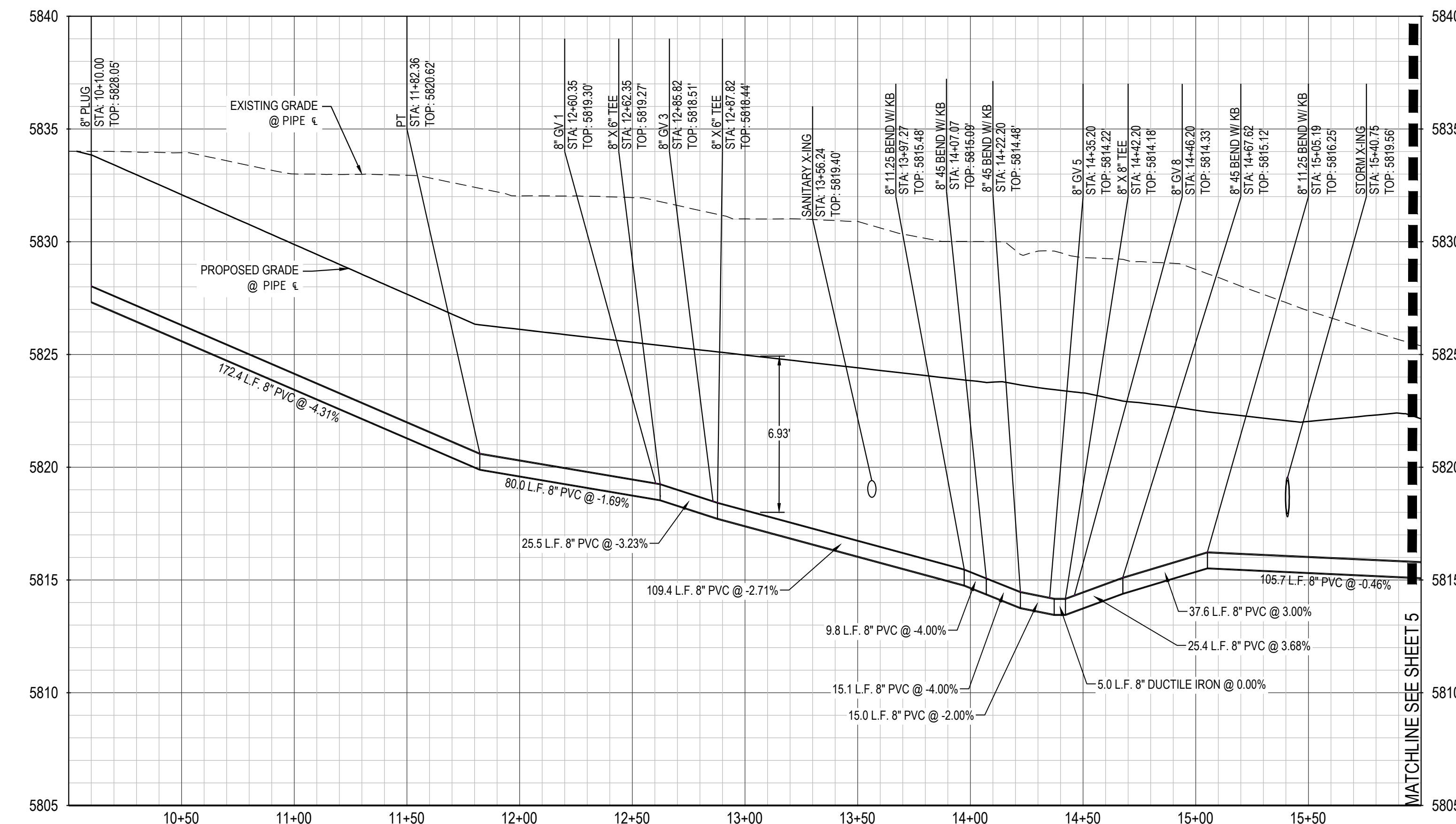
File Location: D:\DEN\Projects\0950-CVR & GN.dwg Plot Date: 9/10/2021 5:48 PM Last Saved By: IRYKPEWA

THE USE OF ANY GRAPHIC OR INSTRUMENTAL REPRESENTATION OF ANY WORK IS AN INSTRUMENT OF SERVICE PROVIDED BY MERRICK AND COMPANY, INC. A SERVICE PROJECT. IT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE IN WHOLE OR IN PART OR FOR EXTENSION OF THE PROJECT OR ON ANY OTHER PROJECT. REUSE OR MODIFICATION OF ANY INSTRUMENTAL REPRESENTATION WITHOUT THE WRITTEN CONSENT OF MERRICK AND COMPANY SHALL BE AT THE USER'S RISK. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

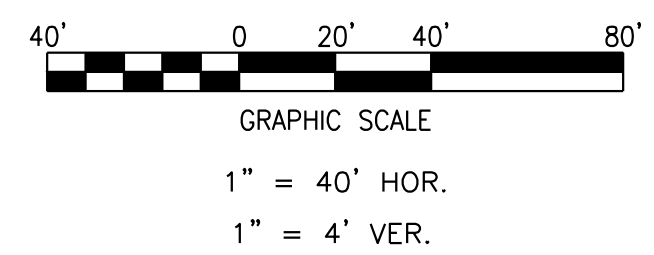
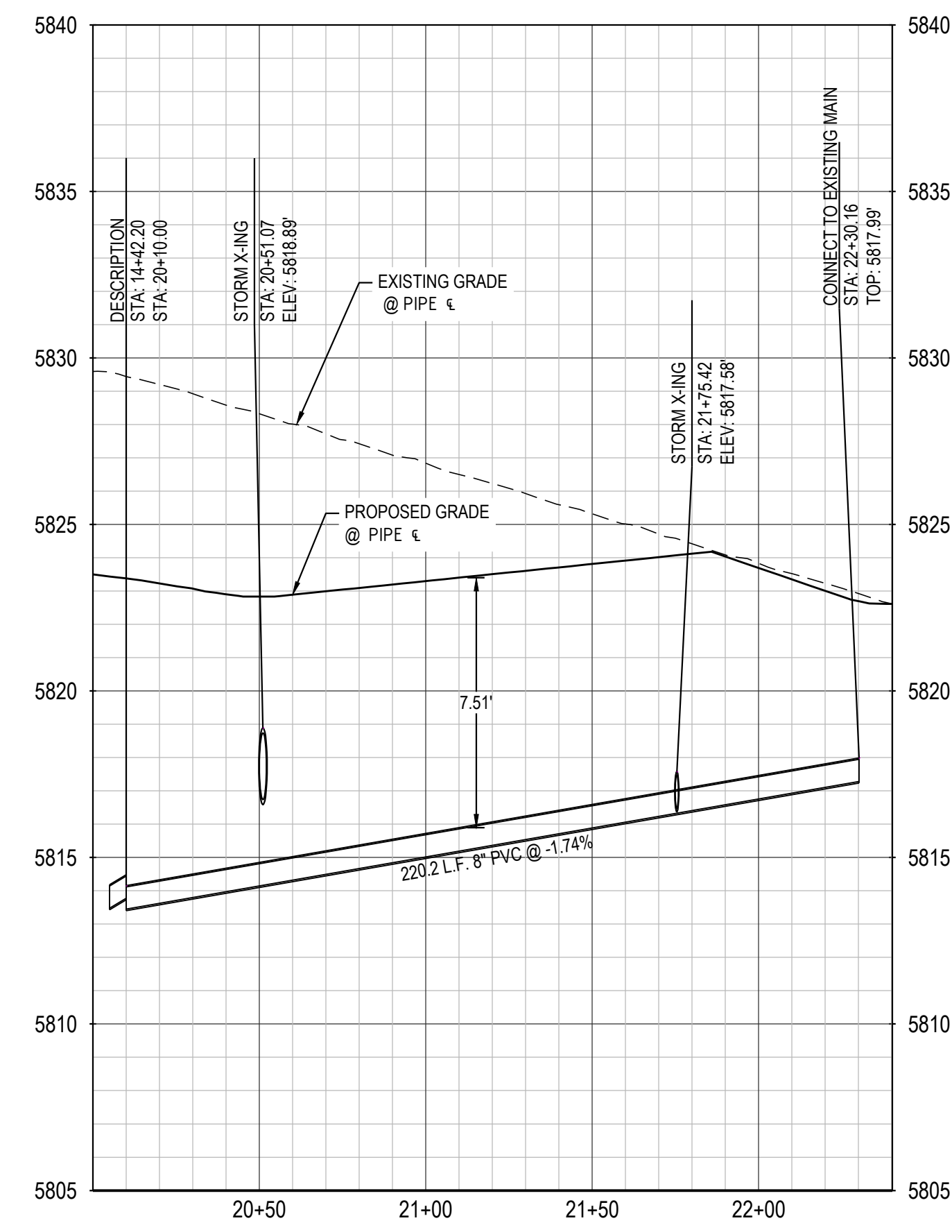
File Location: D:\EN\Projects\0950-C00 Compark_South\CAD\CDS\Water\0950-WATER_PP.dwg Plot Date: 9/10/2021 5:50 PM Last Saved By: IRYPKEMA



0950-WATER-A



0950-WATER-B



- NOTES:**
1. ALL STATIONING & PIPE LENGTHS ARE TO CENTER OF STRUCTURE.
 2. ALL RCP TO BE CLASS III UNLESS SPECIFIED OTHERWISE.
 3. CONTRACTOR TO VERIFY LOCATION/ELEVATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
 4. ALL MANHOLES TO HAVE 48" INNER DIAMETER.
 5. ALL STORM SEWER IS PRIVATE UNLESS OTHERWISE NOTED.



REV	REVISION DESCRIPTION	DATE	CHKD	APPRI

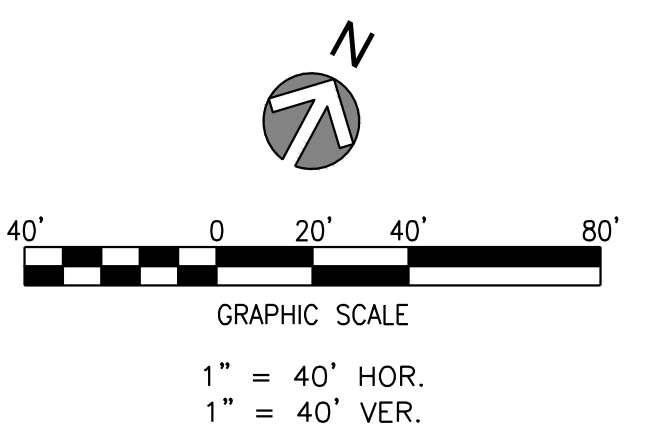
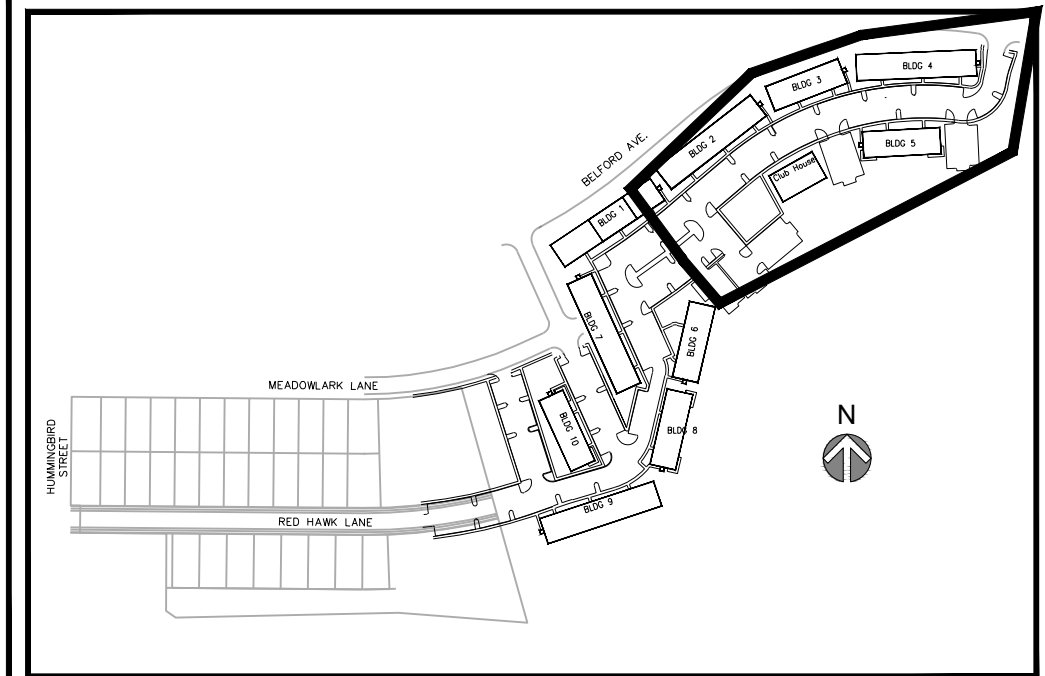
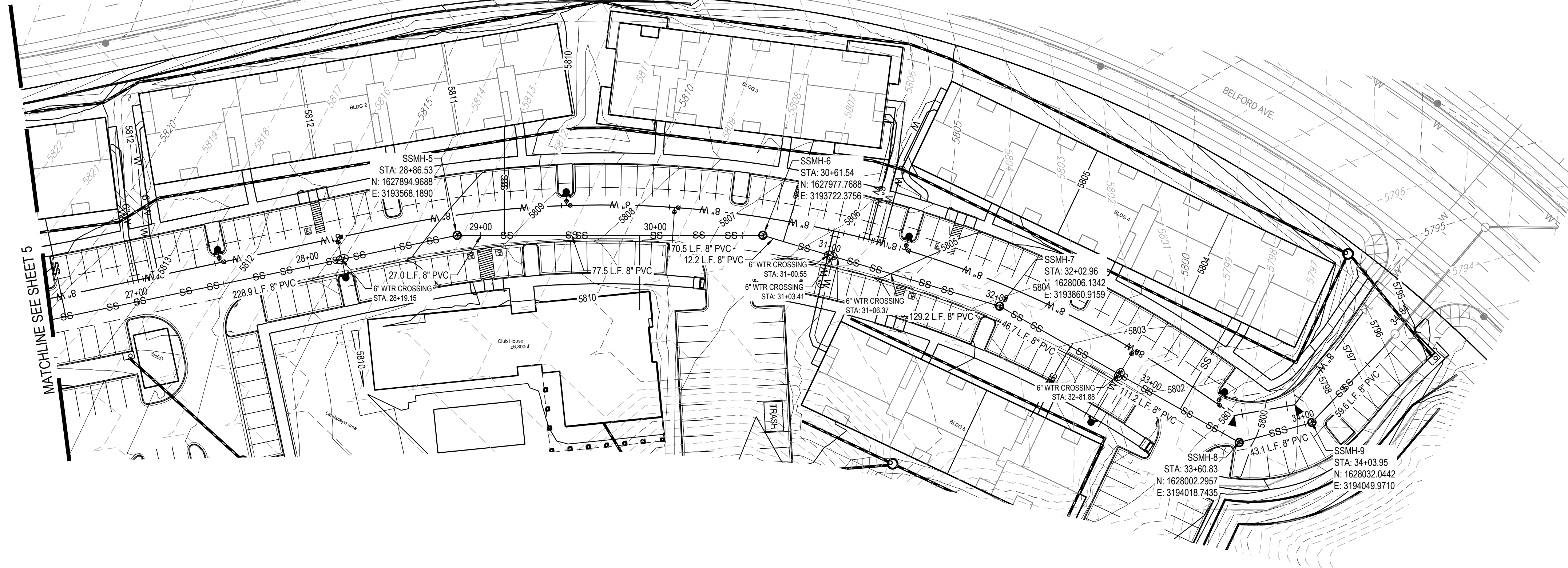
COMPARK SOUTH
WATER AND SANITARY PLANS

ISSUED FOR REVIEW
FOR AND ON BEHALF OF MERRICK & COMPANY

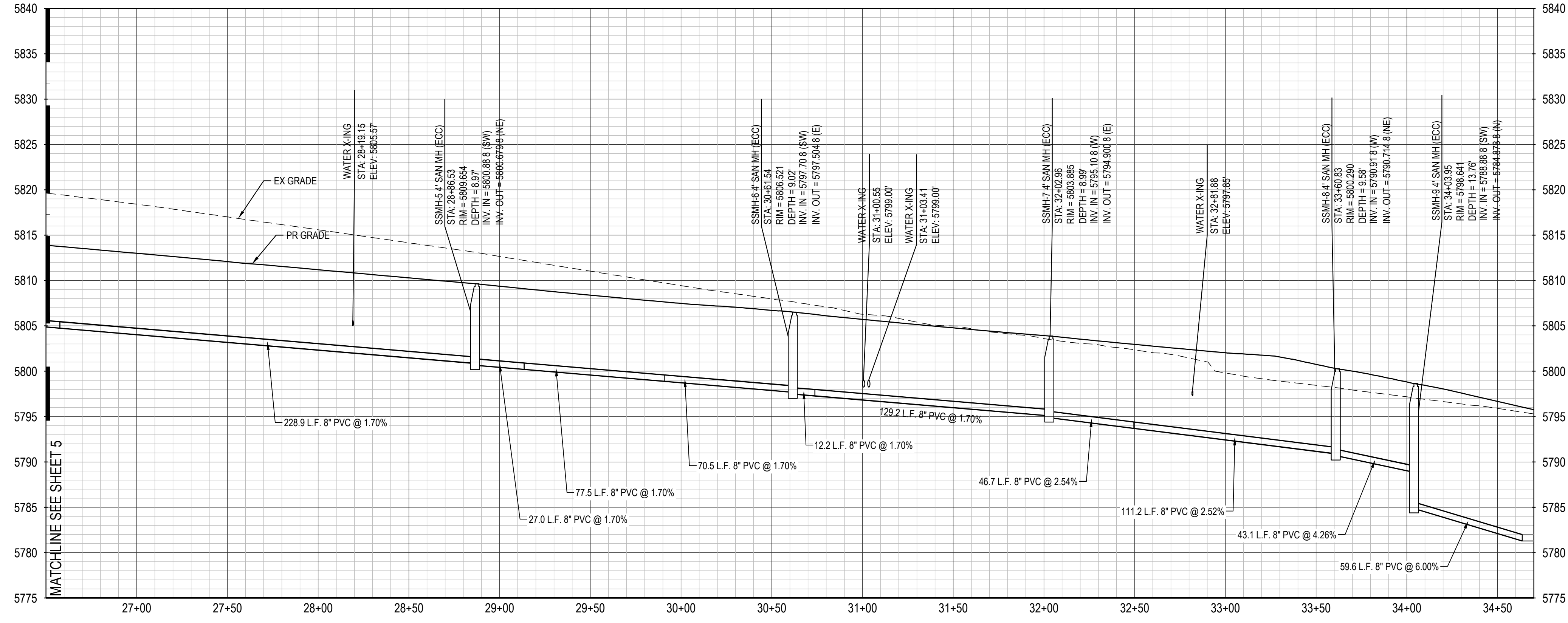
JOB NUMBER	65120950
DATE	7/30/2021
SHEET	

THE USE OF THIS PLAN IS LIMITED TO THE PROJECT AND SITE SPECIFICALLY IDENTIFIED IN THE TITLE. ANY OTHER USE OF THIS PLAN WITHOUT THE WRITTEN CONSENT OF MERRICK & COMPANY IS PROHIBITED. IT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR USE IN WHOLE OR IN PART FOR ANY OTHER PROJECT OR SITE. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

File Location: D:\DEN\Projects\0950-SAN PP.dwg Plot Date: 9/10/2021 5:52 PM Last Saved By: JRYPKEMA



0950-SAN



- NOTES:
1. ALL STATIONING & PIPE LENGTHS ARE TO CENTER OF STRUCTURE.
 2. ALL RCP TO BE CLASS III UNLESS SPECIFIED OTHERWISE.
 3. CONTRACTOR TO VERIFY LOCATION/ELEVATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
 4. ALL MANHOLES TO HAVE 48" INNER DIAMETER.
 5. ALL STORM SEWER IS PRIVATE UNLESS OTHERWISE NOTED.

REV	REVISION DESCRIPTION	DATE	CHND/CHKD/APPR

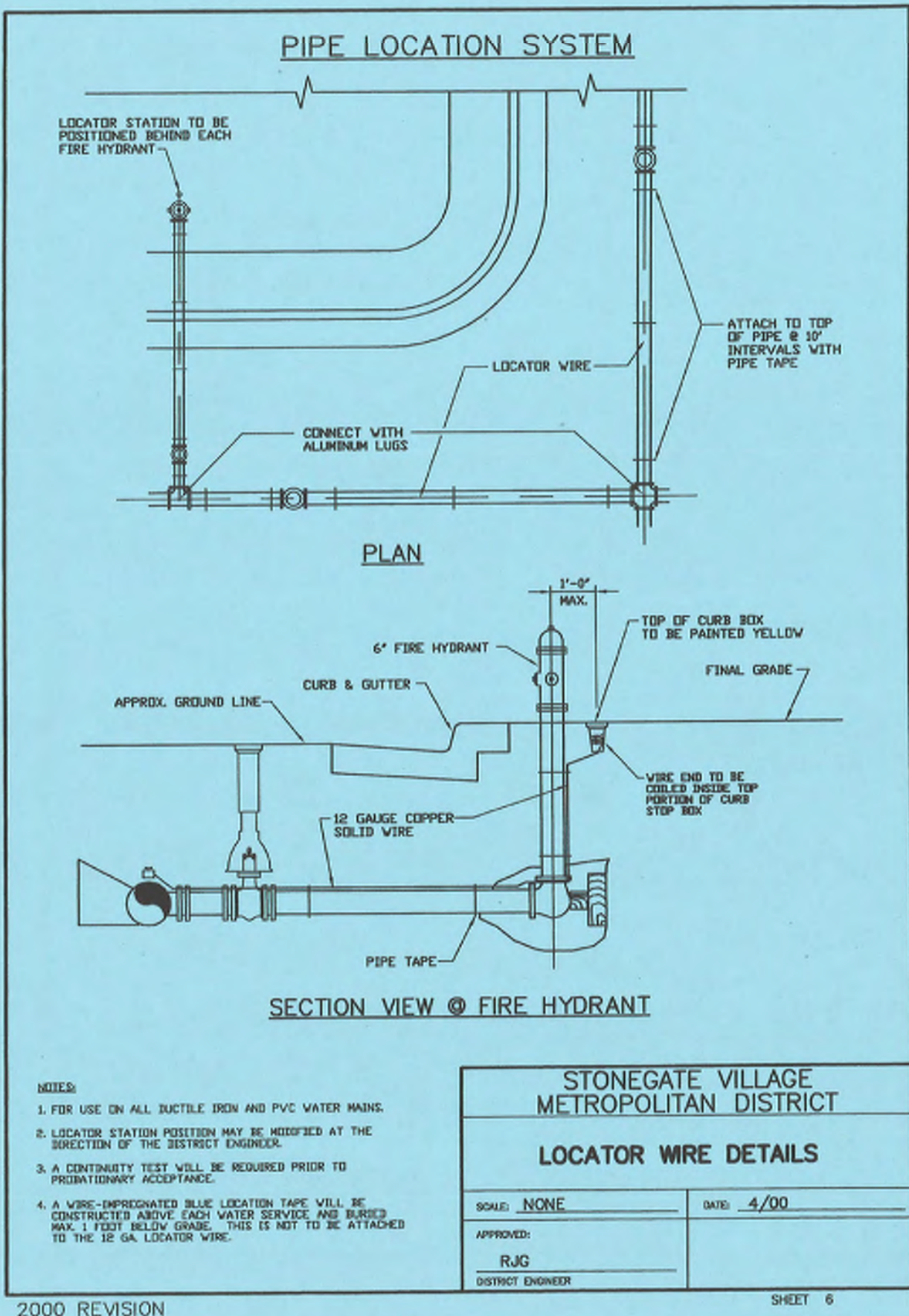
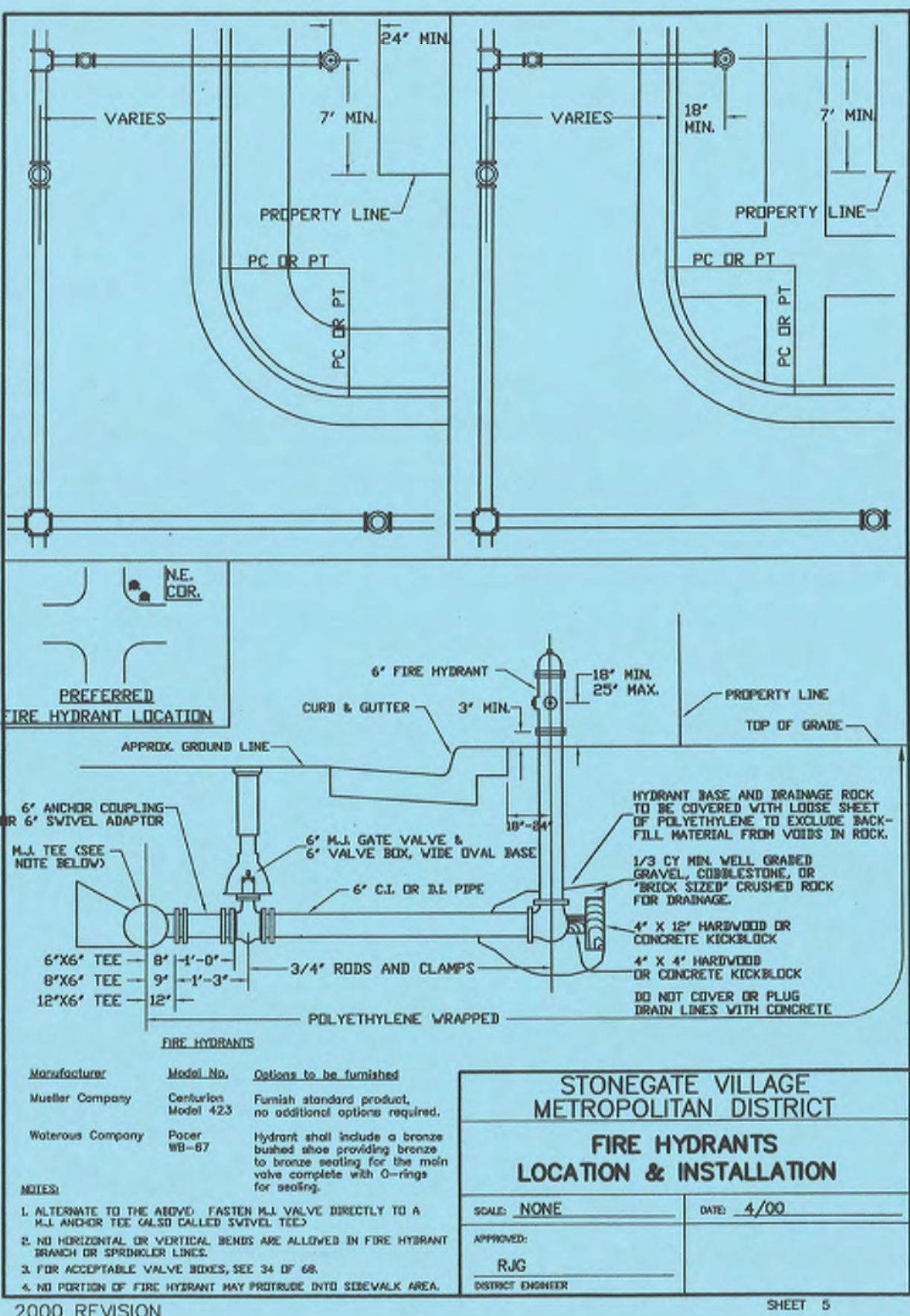
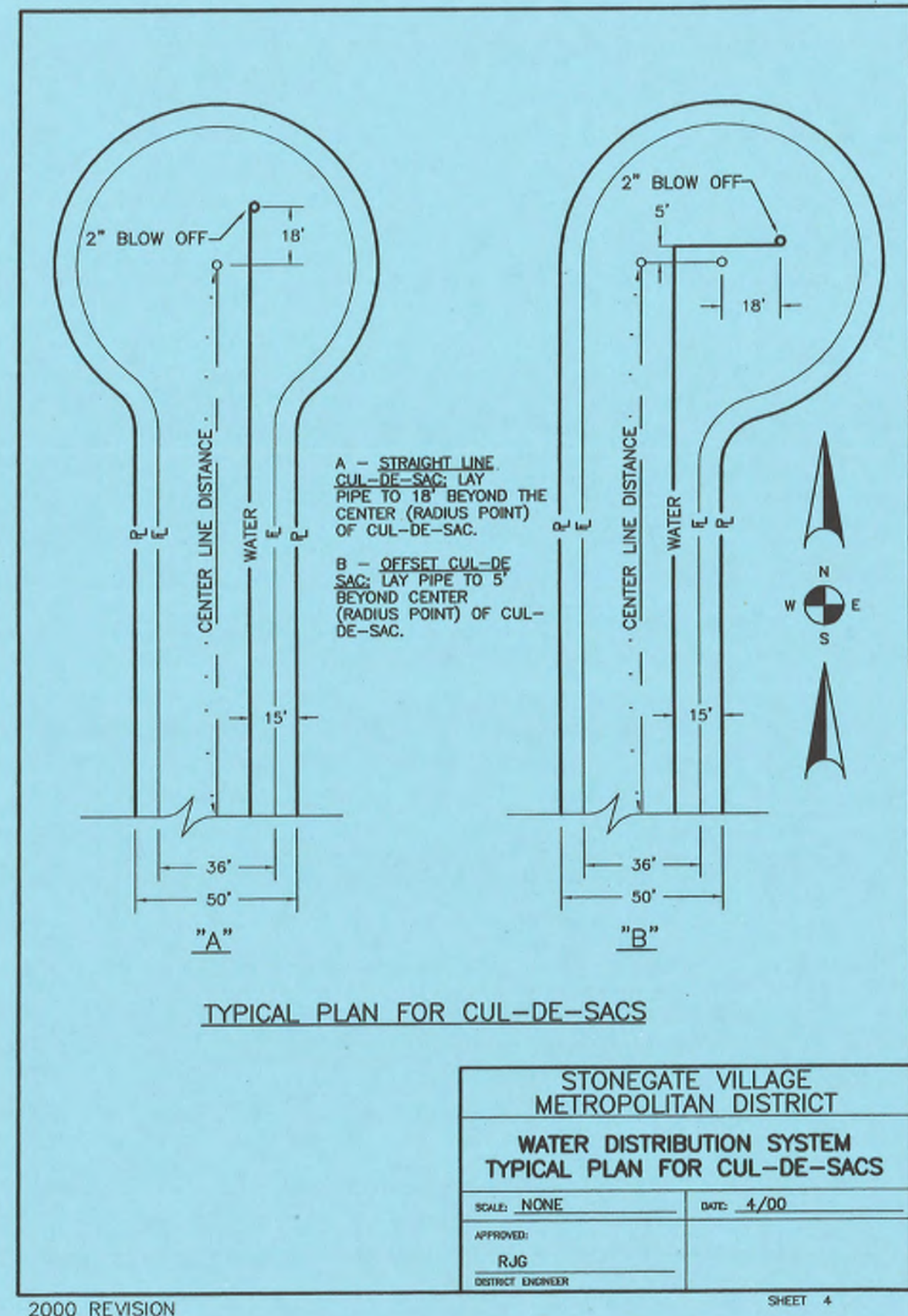
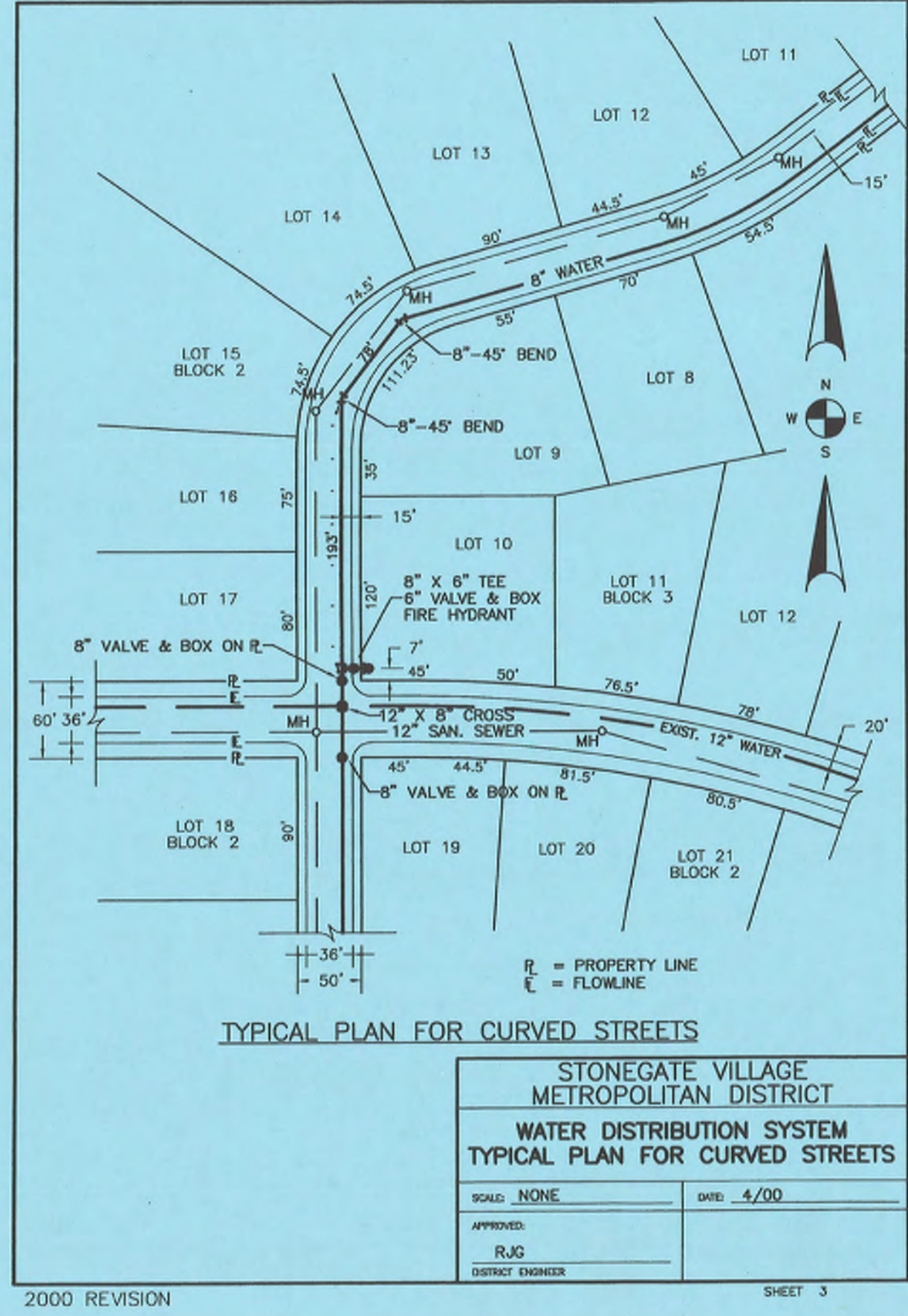
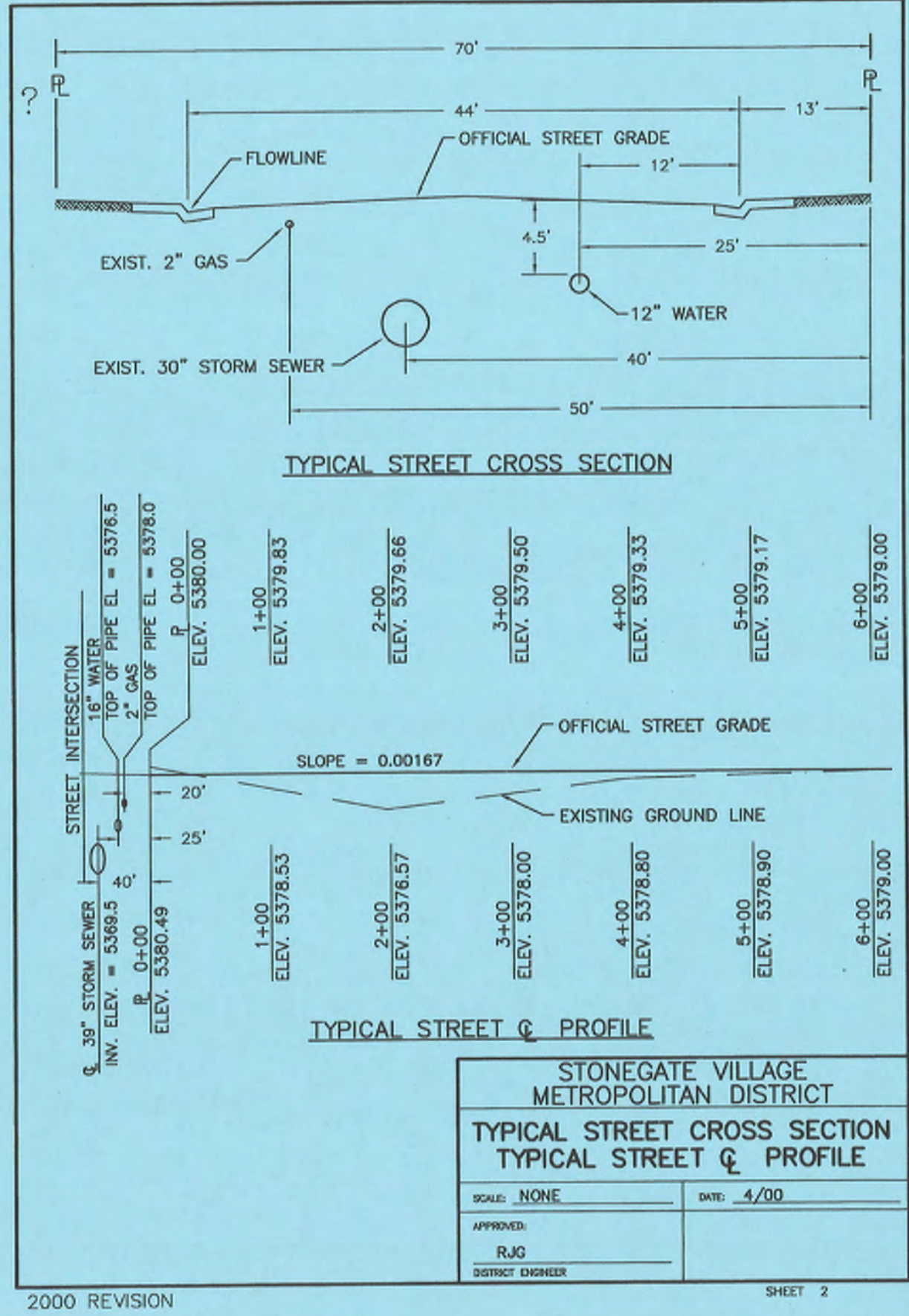
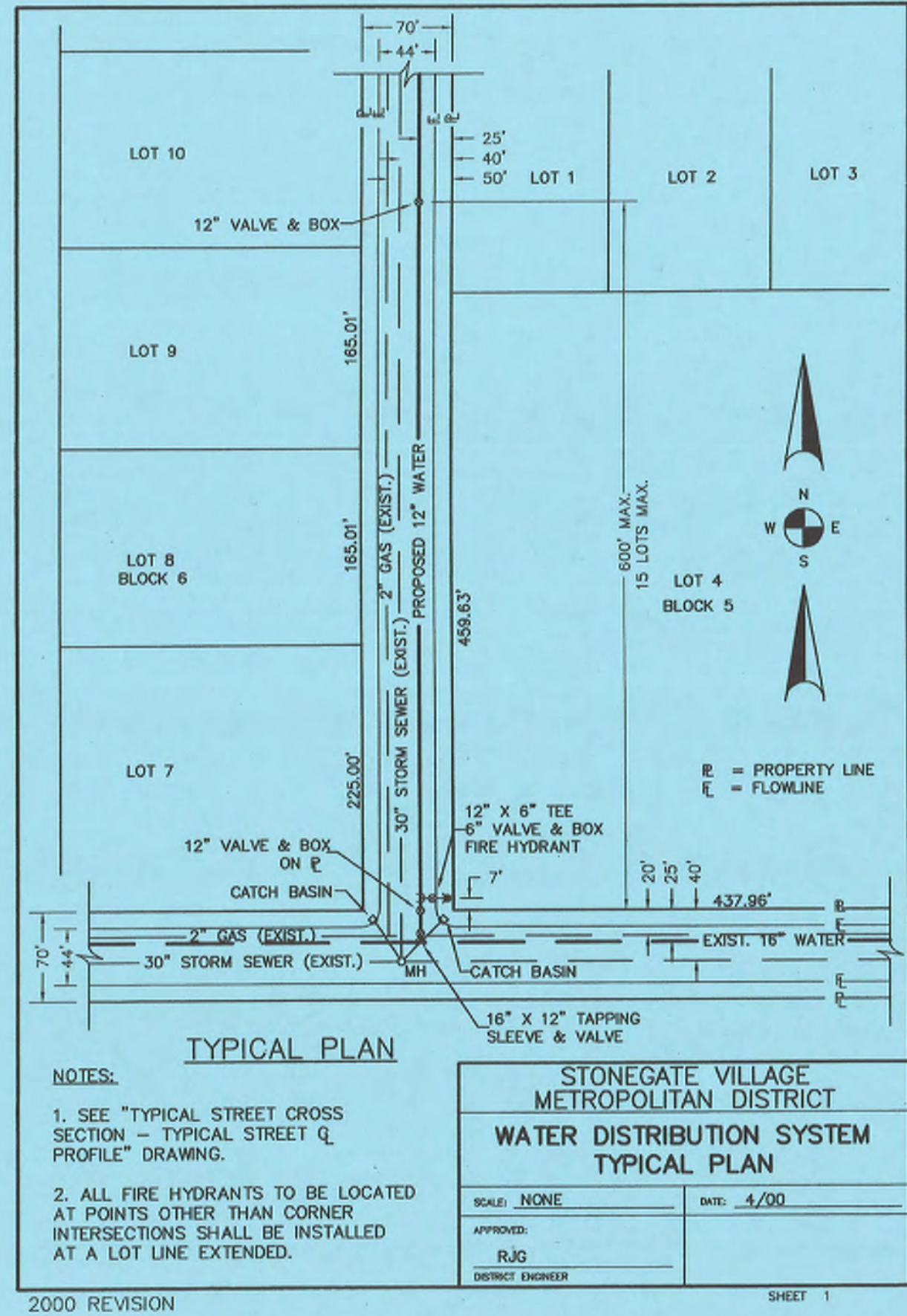
COMPARK SOUTH
 WATER AND SANITARY PLANS

ISSUED FOR REVIEW
 FOR AND ON BEHALF OF MERRICK & COMPANY



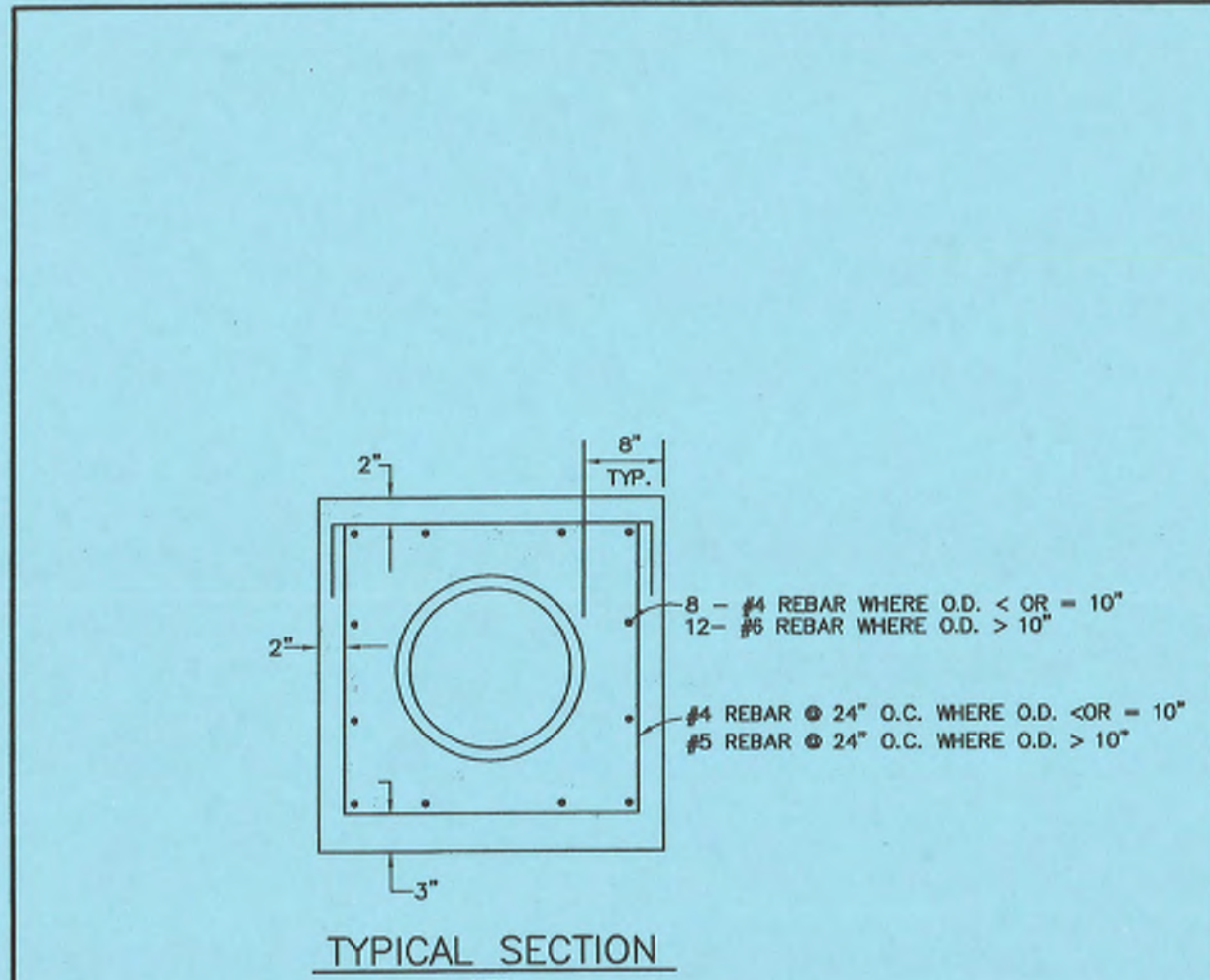
THE USE OF THIS PLAN IS LIMITED TO THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE OF THIS PLAN FOR ANY OTHER PROJECT OR SITE WITHOUT THE WRITTEN CONSENT OF MERRICK & COMPANY IS STRICTLY PROHIBITED. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

File Location: D:\DEN\Projects\0959-C-00 Compark South\CAD\CDS\Water\0959-WATER DETAILS.dwg Plot Date: 9/10/2021 5:52 PM Last Saved By: JIRYK/EVA



Know what's below. Call before you dig.

THIS AND ALL OTHERS ELECTRICITY, MECHANICAL, PLUMBING, OR SANITARY WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE, NATIONAL PLUMBING CODE, NATIONAL MECHANICAL CODE, NATIONAL FIRE ALARM AND SIGNALING CODE, AND NATIONAL SANITARY ENGINEERING CODE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTIONS.



- NOTES:
- ALL CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3,000 PSI USING TYPE 1 PORTLAND CEMENT AND 3/4" AGGREGATE. ALL CONCRETE SHALL HAVE 5-7% ENTRAINED AIR CONTENT AND A MAXIMUM SLUMP OF 4".
 - ALL REINFORCEMENT SHALL CONFORM TO ASTM A615, GRADE 60.
 - ALL REINFORCEMENT SHALL HAVE 2" MIN. CONCRETE COVER.
 - THE SUBGRADE SHALL BE COMPACTED TO 95% OF THE MAXIMUM STANDARD PROCTOR DENSITY PRIOR TO FORMING THE STRUCTURE.

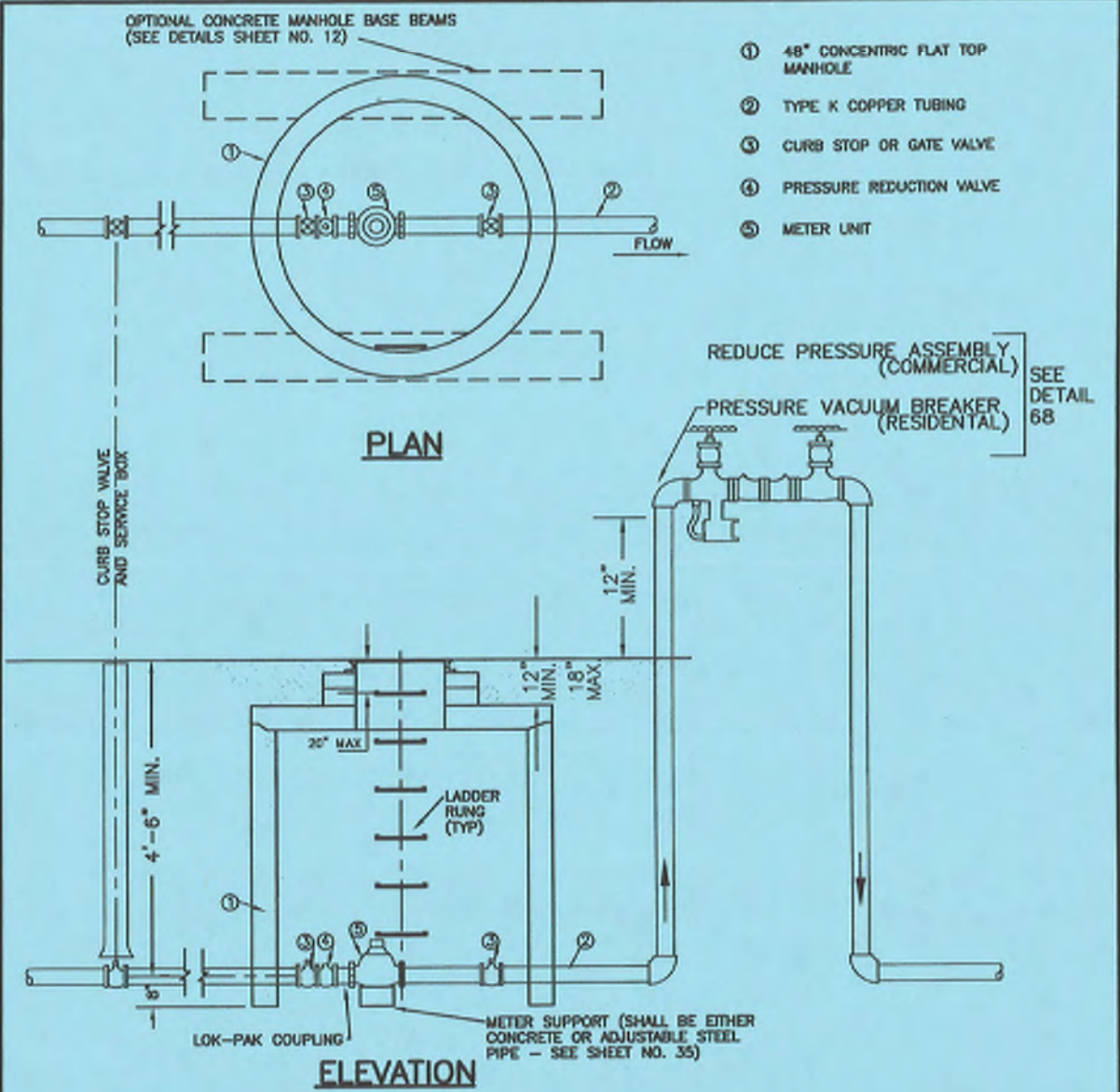
STONEGATE VILLAGE METROPOLITAN DISTRICT

WATERLINE ENCASEMENT

SCALE: NONE	DATE: 4/00
APPROVED: R/JG	DISTRICT ENGINEER

2000 REVISION

SHEET 48



- NOTES:
- MANHOLE BASE BEAMS SHALL BE REQUIRED FOR INSTALLATIONS IN DRIVEWAYS, OR PARKING AREAS.
 - A 4" DIA. MANHOLE RING WILL ACCOMMODATE 1 1/2" AND 2" SPLIT BASE METERS.
 - JOINTS INSIDE METER VAULT SHALL BE EITHER THREADED OR SOLDERED WITH #5-5 THIRTYFOUR SOLDER.
 - SEE SECTION 10.8 WATER SYSTEM SPECIFICATIONS FOR GENERAL METER NOTES.
 - NO CONCRETE TO BE LAID IN FLOOR OF METER M.H.
 - METER SHALL BE FLANGED WITH BRASS COMPANION FLANGES.
 - NO CONNECTIONS OR CHANGES IN PIPE DIAMETER SHALL BE MADE IN THE METER PIT OR IN THE DISTANCE OF FIVE FEET BEYOND THE METER PIT ON THE OUTLET SIDE.
 - LAIDER RINGS SHALL BE ON OPPOSITE SIDE OF BYPASS.
 - JUMPER OR CHEATER PIPES TO BE REMOVED BEFORE METER SET DATE.

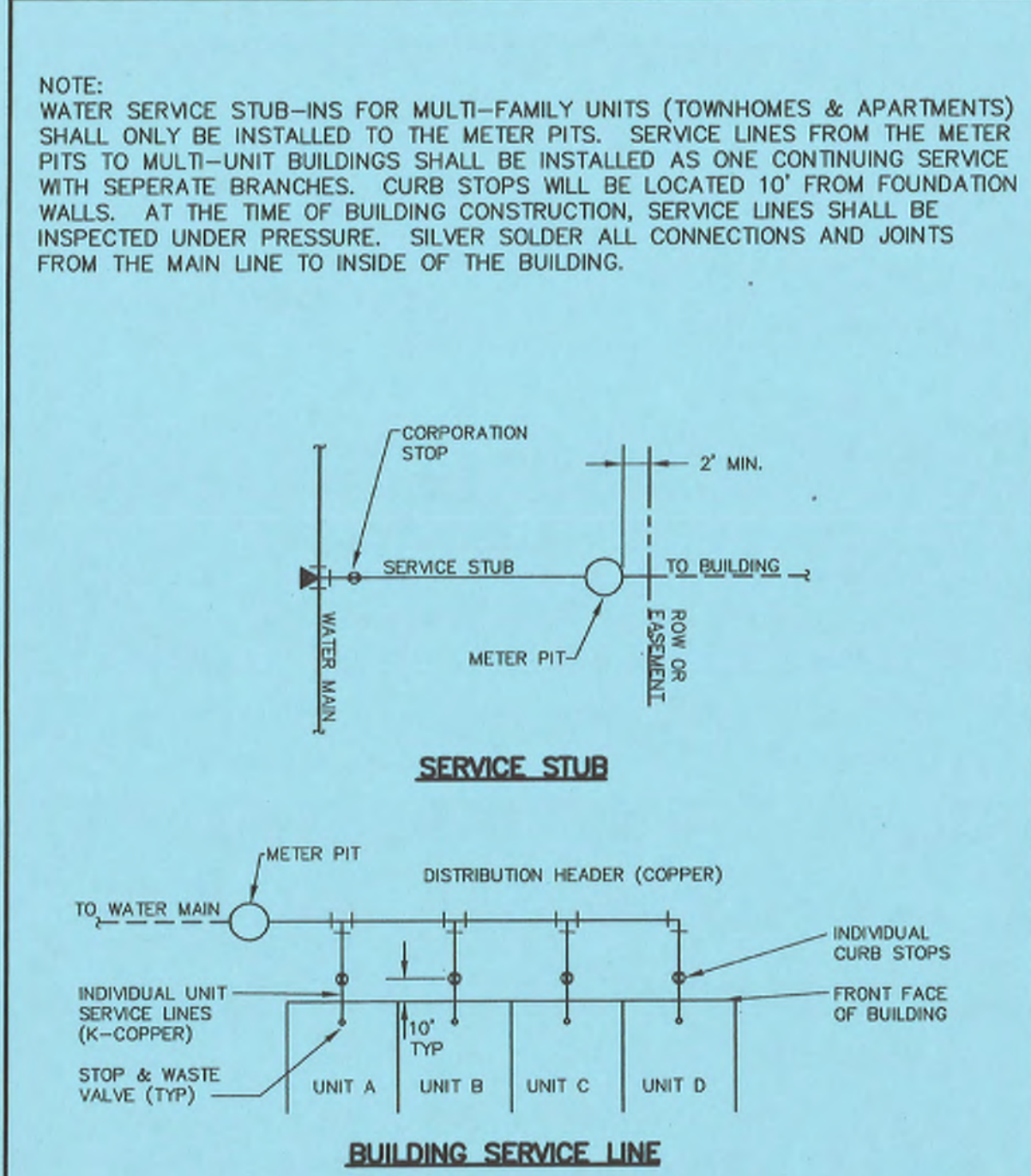
STONEGATE VILLAGE METROPOLITAN DISTRICT

OUTSIDE SETTING FOR 1 1/2" & 2" METER FOR IRRIGATION

SCALE: NONE	DATE: 4/00
APPROVED: R/JG	DISTRICT ENGINEER

2000 REVISION

SHEET 49



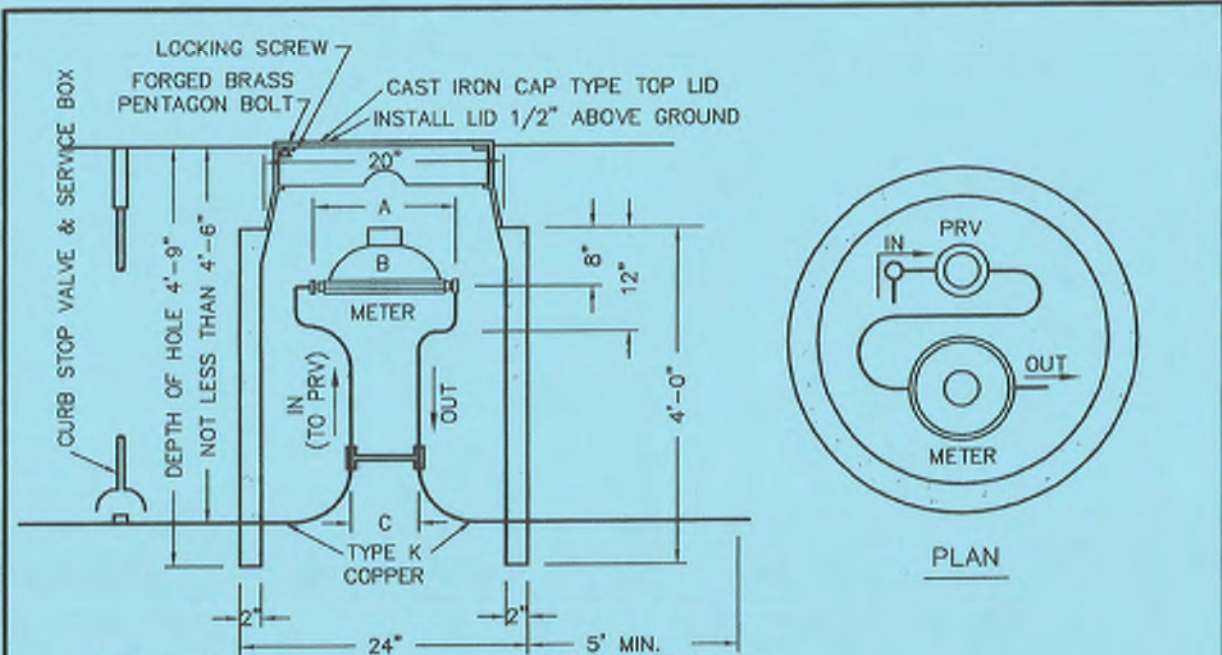
STONEGATE VILLAGE METROPOLITAN DISTRICT

MULTI-FAMILY BUILDING WATER SERVICE INSTALLATION

SCALE: NONE	DATE: 4/00
APPROVED: R/JG	DISTRICT ENGINEER

2000 REVISION

SHEET 50



- GENERAL NOTES:
- NOT FOR INSTALLATION IN ROADWAYS, OR PARKING AREAS.
 - IF SURFACE IS NOT TO FINAL GRADE AT TIME OF INSTALLATION OF METER, OWNER MUST RAISE OR LOWER PIT WHEN SURFACE IS GRADED.
 - METER SETTING MUST BE INSPECTED BY THE DISTRICT BEFORE BACKFILLING.
 - LOCATION OF METER TO BE ESTABLISHED BY A DISTRICT REPRESENTATIVE.
 - NO CONCRETE FLOOR TO BE LAID IN METER PIT.
 - METER PIT SHALL BE CONSTRUCTED OF FOUR 12", OR ONE 12" AND ONE 36" RINGS. WALLS SHALL BE 2" THICK.
 - ADJUSTMENT RINGS SHALL BE 2", 3", 4" OR 6" IN HEIGHT AND SHALL BE INSERTED BETWEEN THE TOP TWO RINGS.
 - NO CONNECTIONS OR CHANGES IN PIPE DIAMETER SHALL BE MADE IN THE METER PIT OR IN THE DISTANCE OF FIVE FEET BEYOND THE METER PIT WALL ON THE OUTLET SIDE.
 - LAWN SPRINKLER CONNECTION SHALL BE A MINIMUM OF FIVE FEET FROM THE METER PIT WALL ON THE OUTLET SIDE.
 - THIS DETAIL TO BE USED ONLY WITH EXPRESS PERMISSION OF THE DISTRICT.
 - THE FORD TANDEM COPPERSETTER TO HOLD A WATTS USB PRESSURE REGULATOR (PRV) JUST AHEAD OF THE WATER METER.
 - (JUMPER OR CHEATER) PIPES TO BE REMOVED BEFORE METER SET DATE.

STONEGATE VILLAGE METROPOLITAN DISTRICT

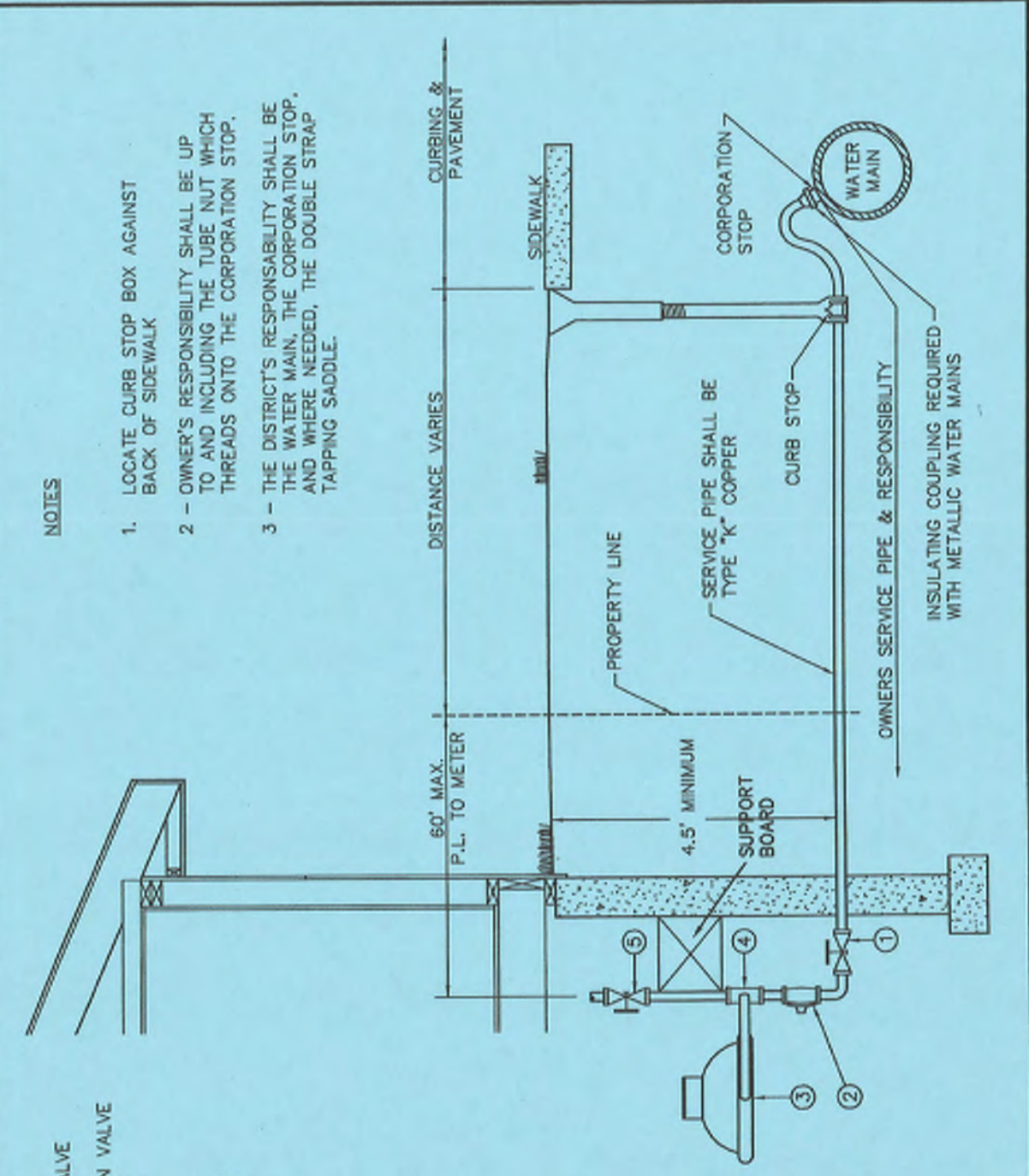
ALL OUTSIDE SETTING FOR 5/8" x 3/4", 3/4" & 1" METERS w/ PRV

METER SIZE	A	B	C
5/8" x 3/4"	12	5/8"	7 1/2"
3/4"	14 1/4"	9 5/16"	5"
1"	17 1/4"	11 1/16"	6"

SCALE: NONE	DATE: 4/00
APPROVED: R/JG	DISTRICT ENGINEER

2000 REVISION

SHEET 45



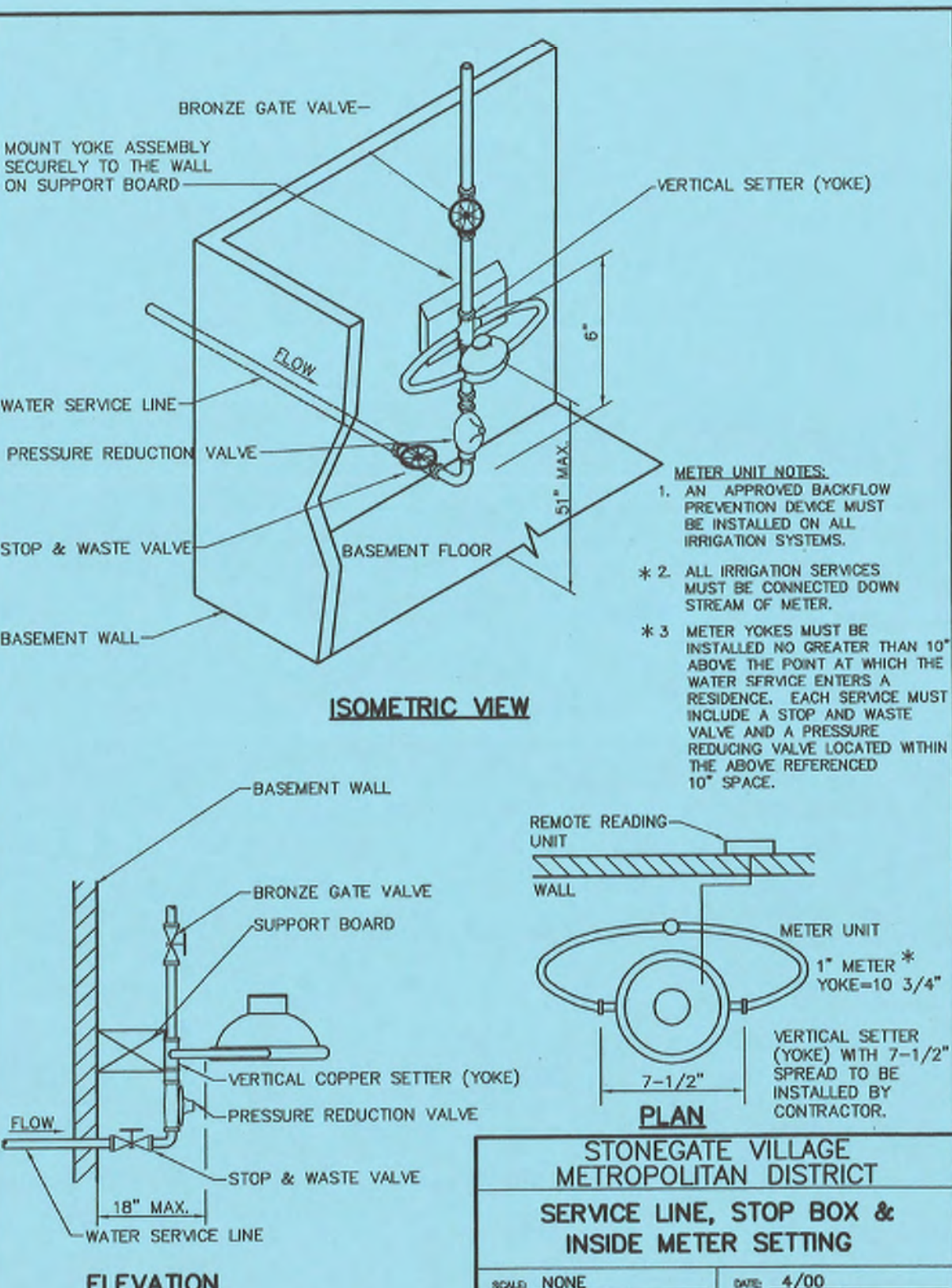
STONEGATE VILLAGE METROPOLITAN DISTRICT

REMOTE READING 3/4" & 1" METER TYPICAL INSIDE SETTING

SCALE: NONE	DATE: 4/00
APPROVED: R/JG	DISTRICT ENGINEER

2000 REVISION

SHEET 46



STONEGATE VILLAGE METROPOLITAN DISTRICT

SERVICE LINE, STOP BOX & INSIDE METER SETTING

SCALE: NONE	DATE: 4/00
APPROVED: R/JG	DISTRICT ENGINEER

2000 REVISION

SHEET 47



Know what's below. Call before you dig.

REV	REVISION DESCRIPTION	DATE	CHNO/CHKD/APPR

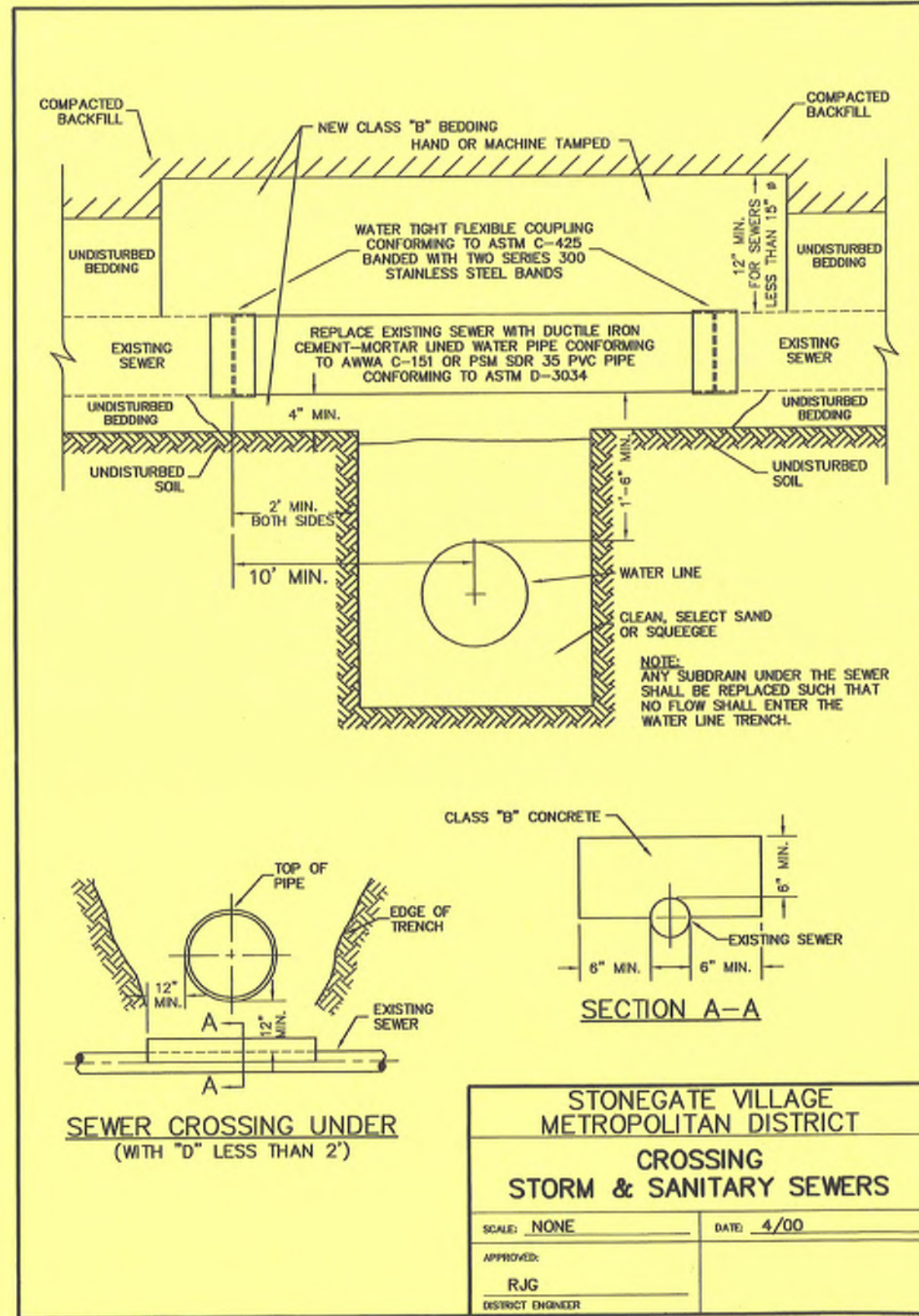
COMPARK SOUTH
WATER AND SANITARY PLANS

ISSUED FOR REVIEW
FOR AND ON BEHALF OF MERRICK & COMPANY

JOB NUMBER: 6512055D	DATE: 7/30/2021
SHEET:	

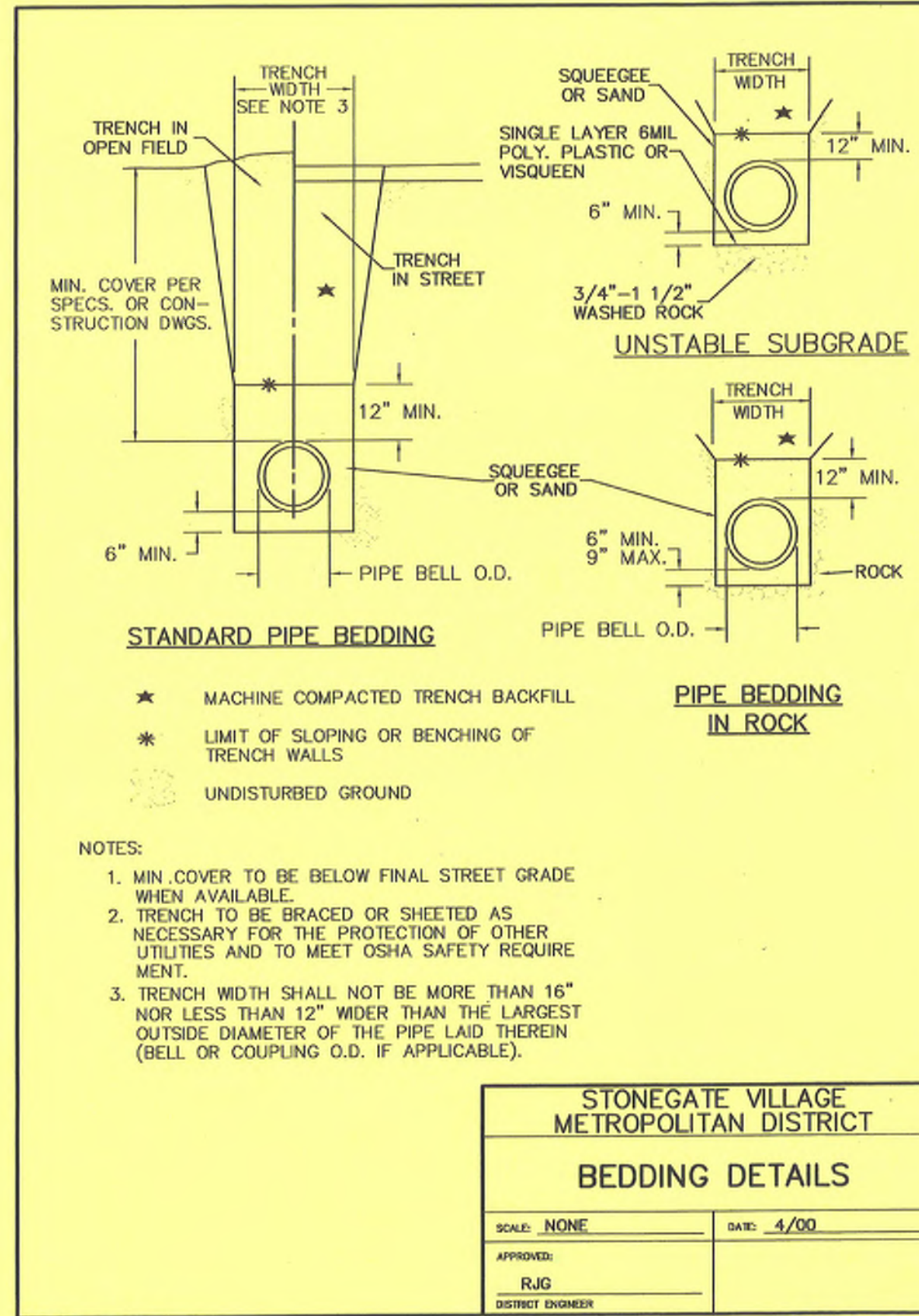


Know what's below.
Call before you dig.



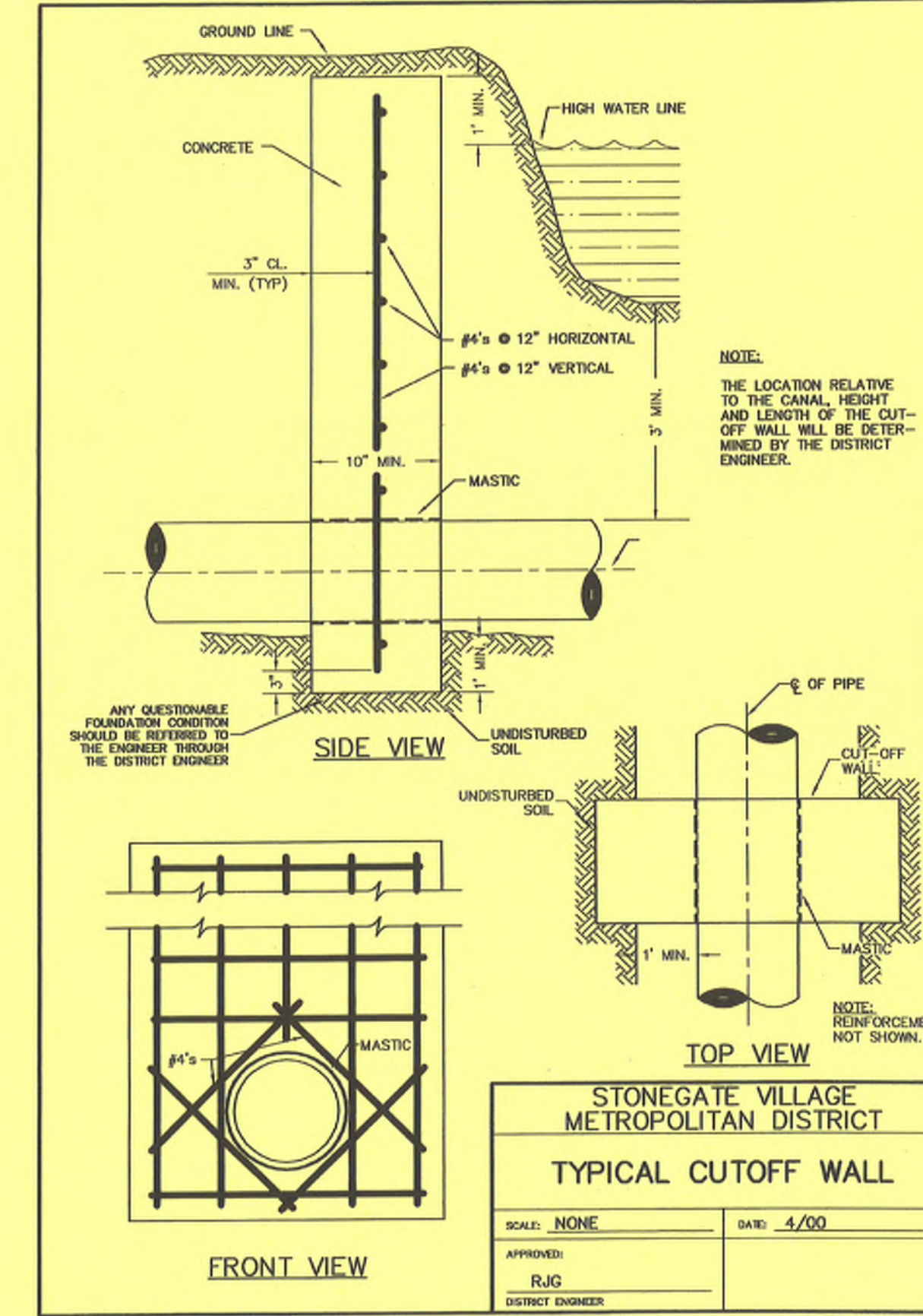
2000 REVISION

SHEET 28



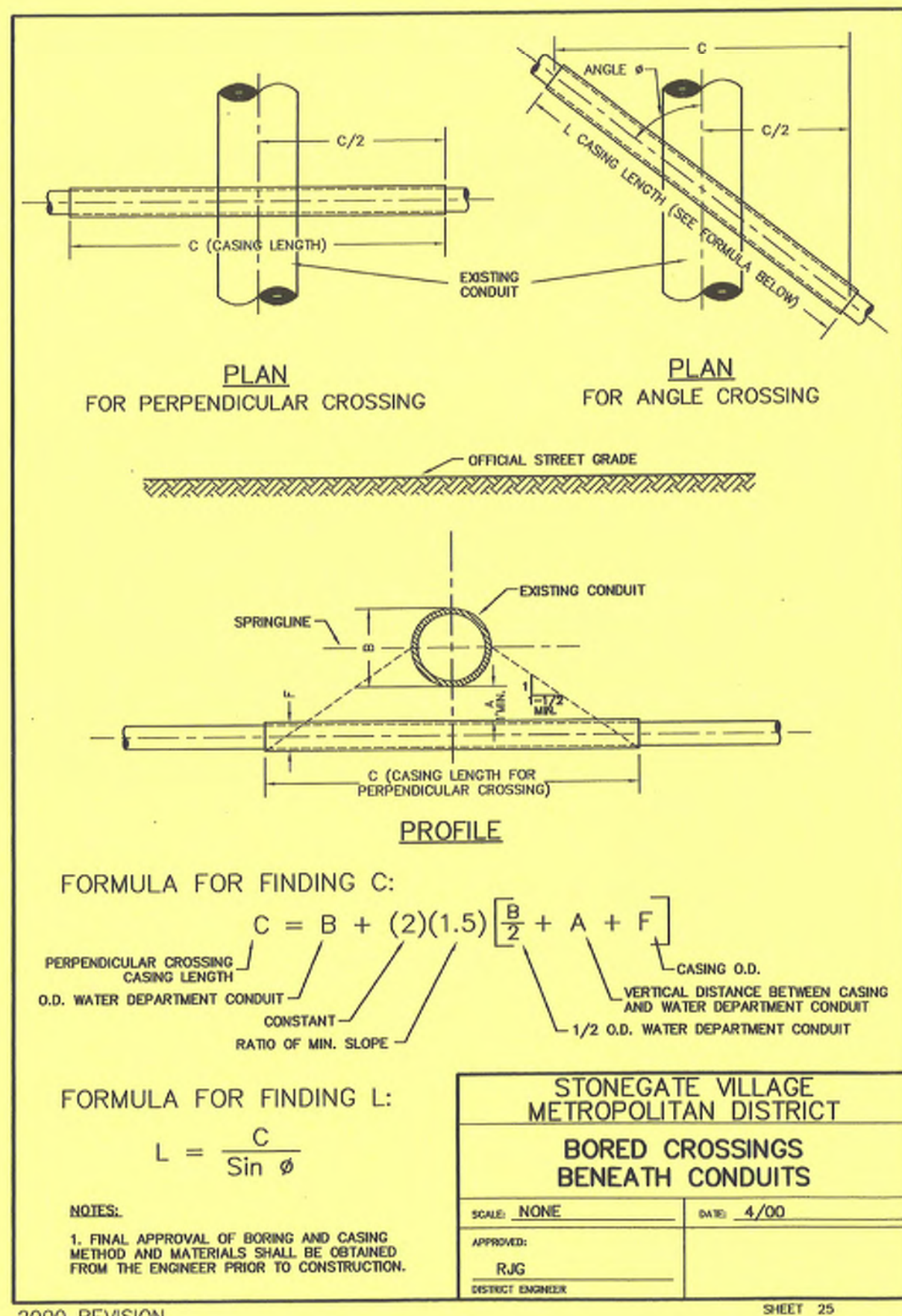
2000 REVISION

SHEET 29



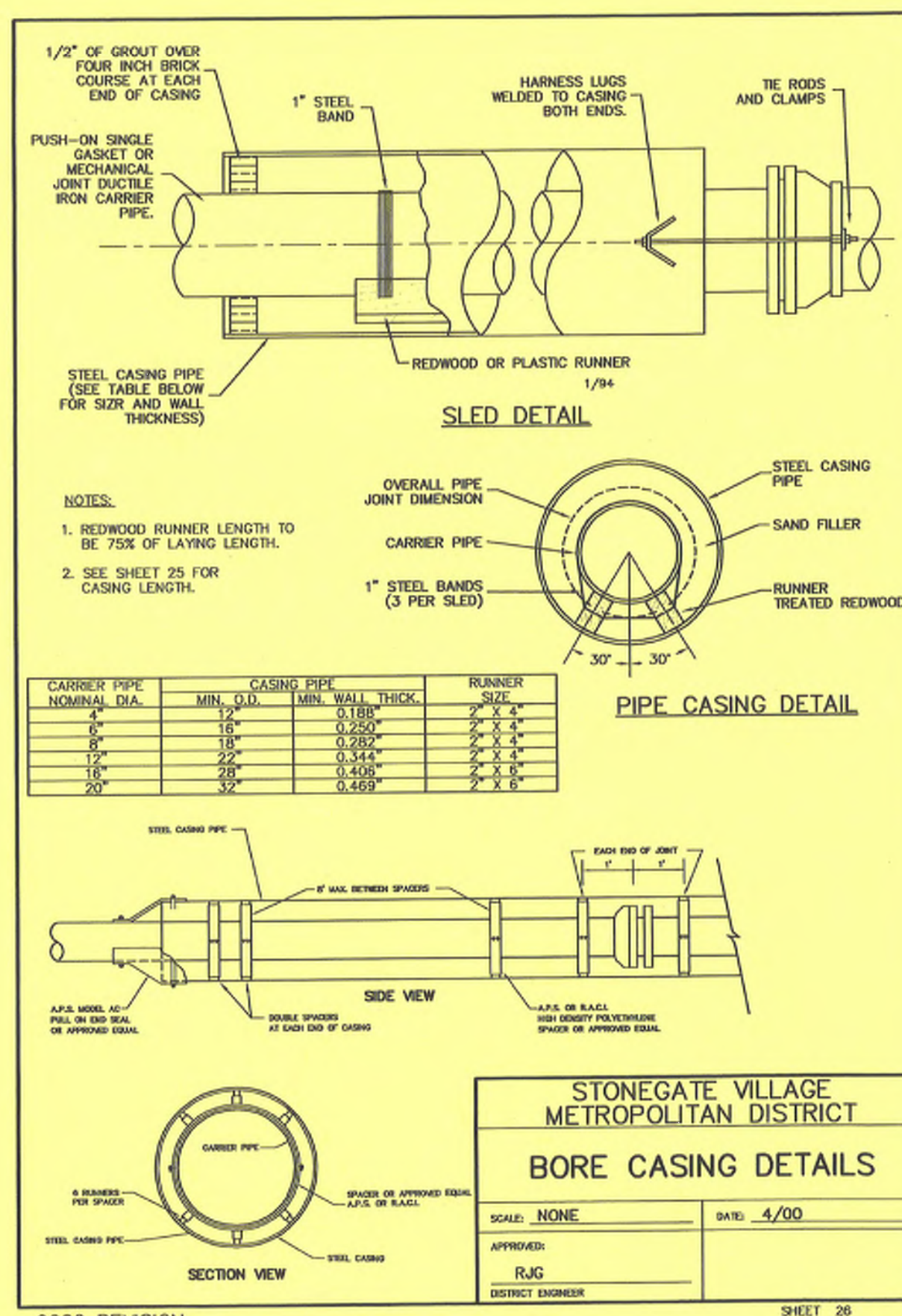
2000 REVISION

SHEET 30



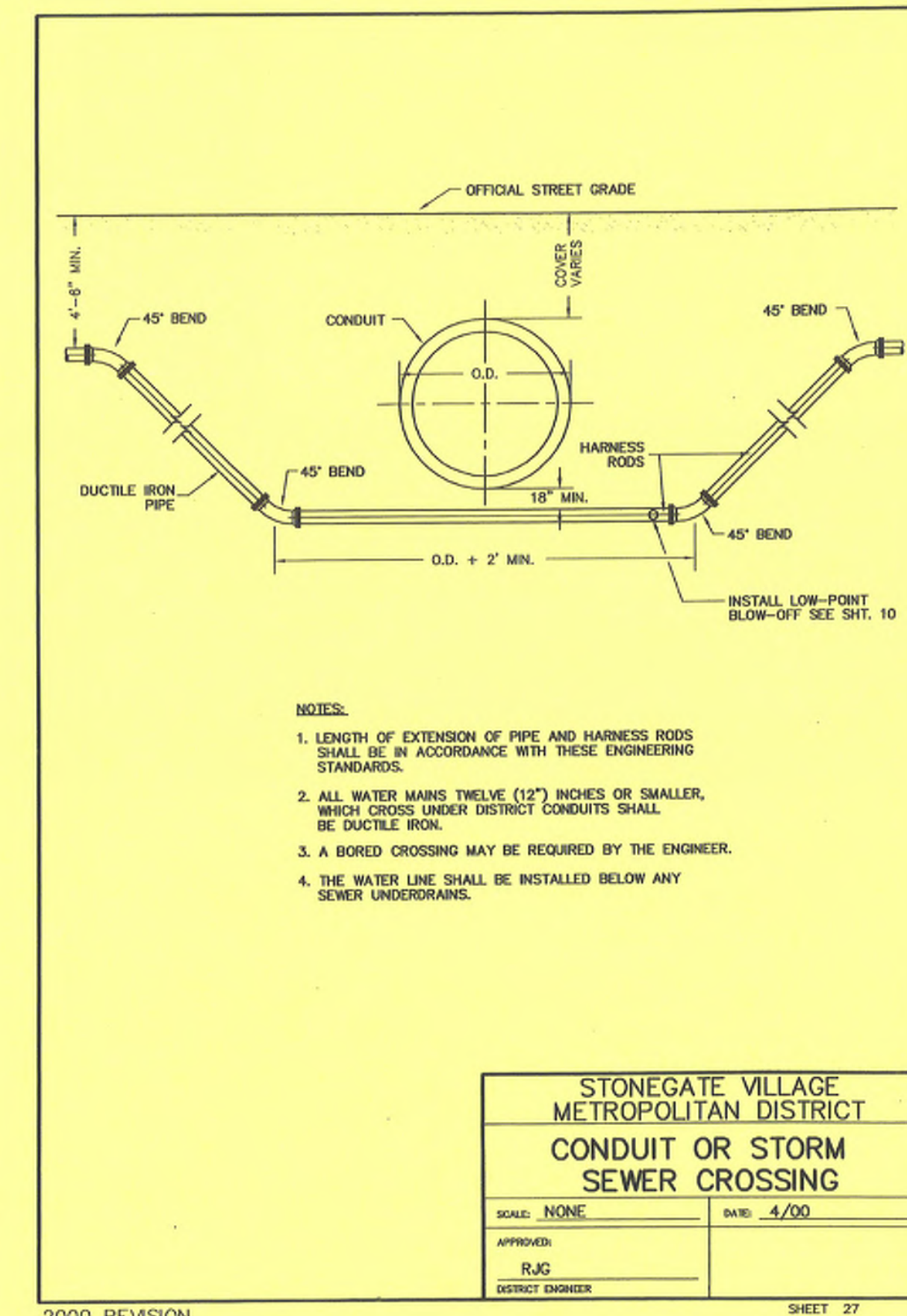
2000 REVISION

SHEET 25



2000 REVISION

SHEET 26



2000 REVISION

SHEET 27

