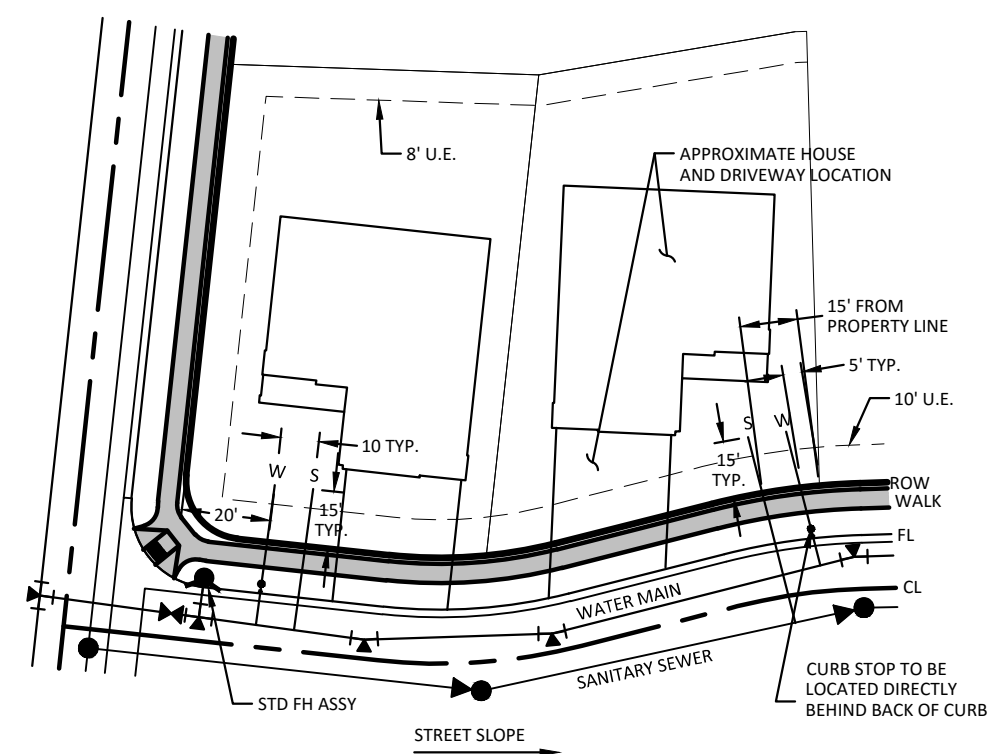
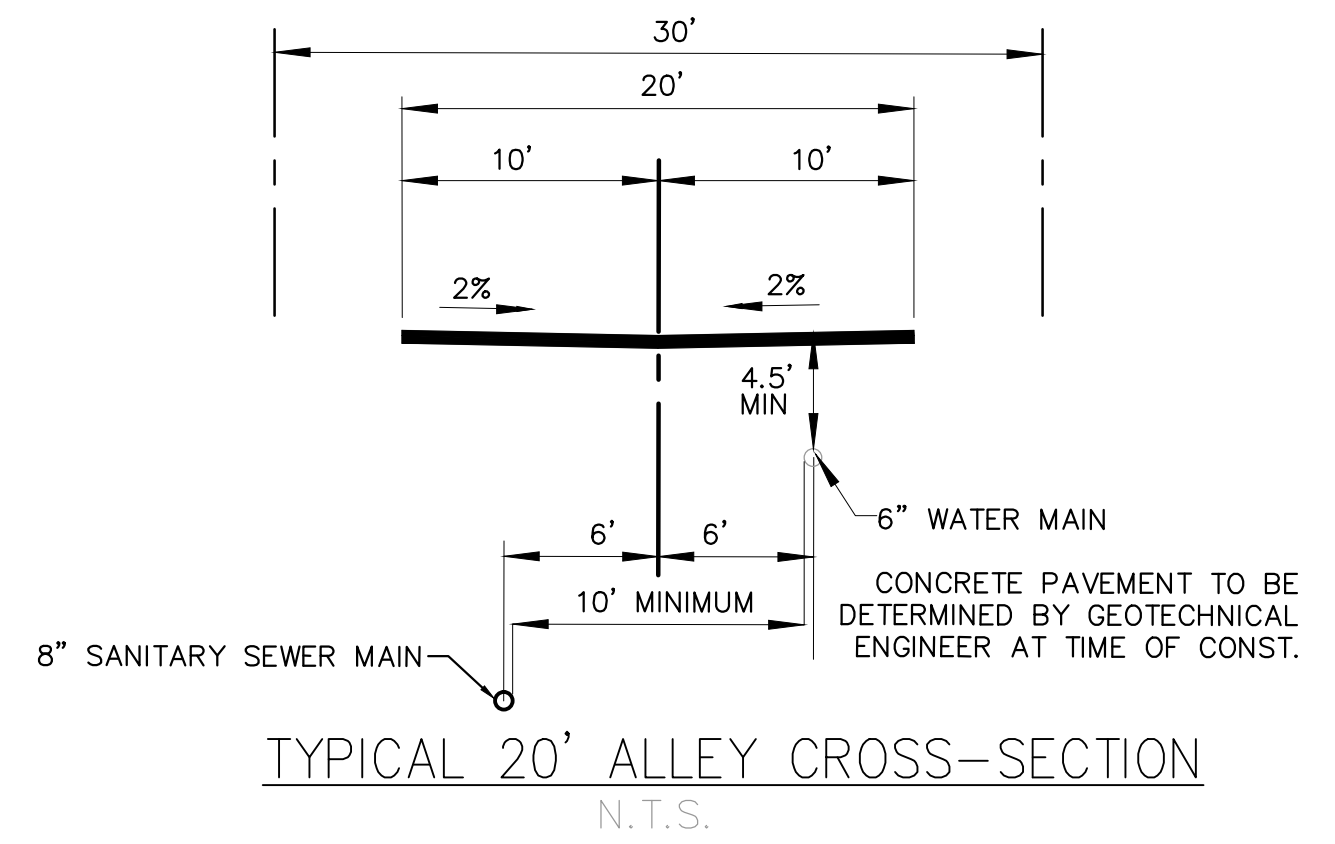
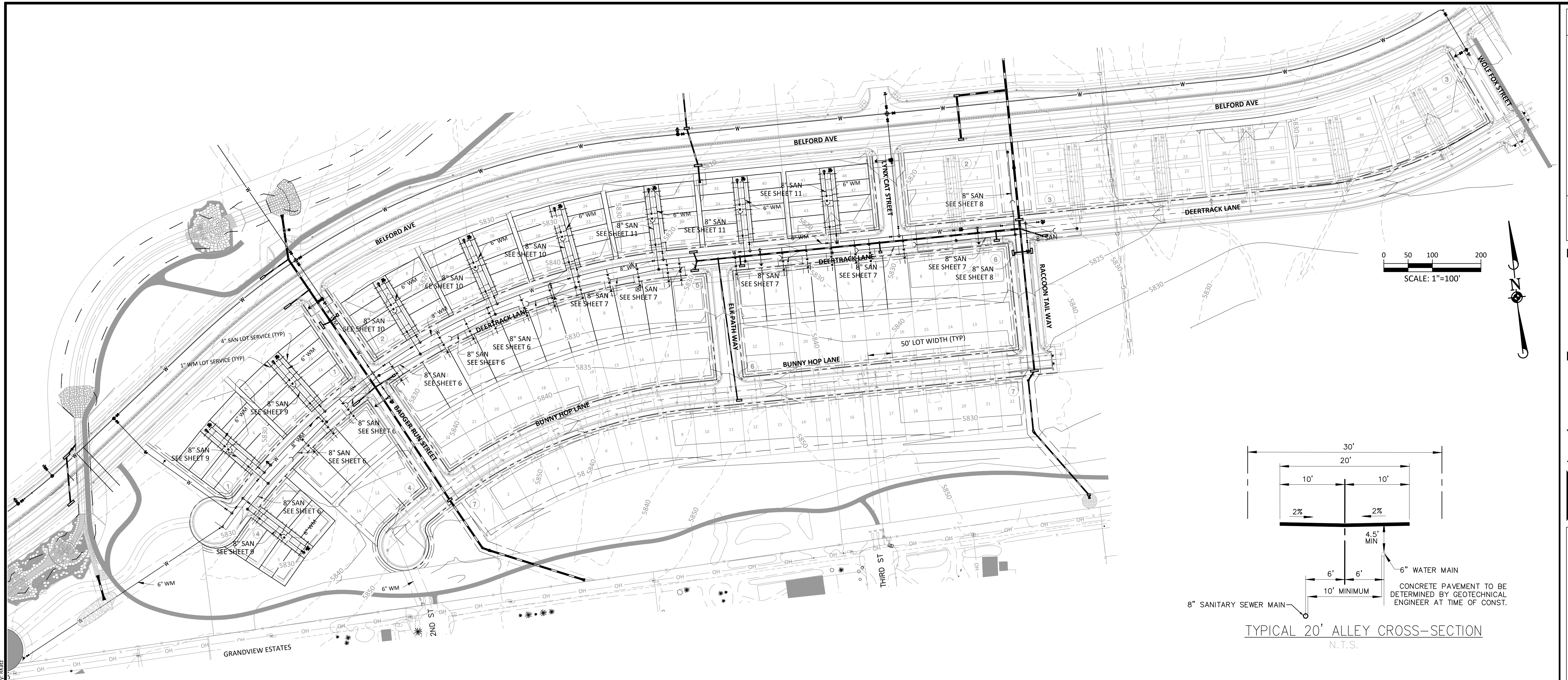
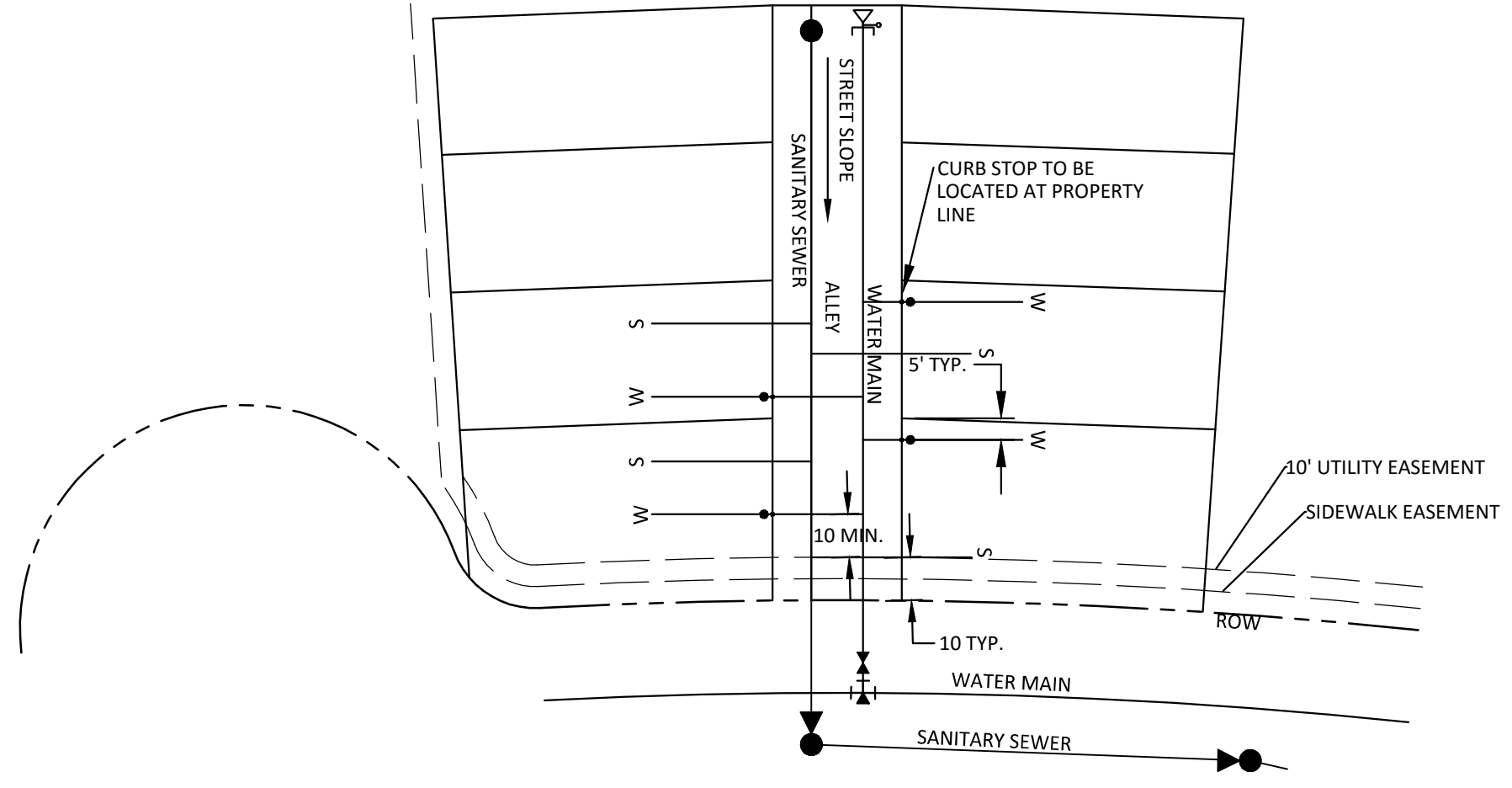


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NOTES:

- 1.) SERVICE LOCATIONS ARE TYPICAL, UNLESS OTHERWISE NOTED. REFER TO STREET & UTILITY PLAN AND PROFILES, AND AREA GRADING PLAN FOR EXACT LOCATIONS.
- 2.) INSIDE METER SETTING IS REQUIRED FOR RESIDENTIAL DEVELOPMENT. WRITTEN PERMISSION MAY BE ALLOWED BY THE DISTRICT FOR SPECIFIC SITUATIONS.



NOTE:

SERVICE LOCATIONS ARE TYPICAL, UNLESS OTHERWISE NOTED. REFER TO UTILITY PLAN AND PROFILES FOR EXACT LOCATIONS.

TOWN OF PARKER BUILDING DEPT FIRE LIFE SAFETY APPROVAL

ALL FIRE HYDRANTS SHALL BE INSTALLED ACCORDING TO WATER UTILITY STANDARDS. THE NUMBER AND LOCATIONS OF THE FIRE HYDRANTS AS SHOWN ON THE OVERALL UTILITY PLAN ARE CORRECT AS SPECIFIED BY THE TOWN OF PARKER, COMMUNITY DEVELOPMENT DEPARTMENT.

BY:

(SIGNATURE OF FIRE CODE OFFICIAL OR DESIGNATED REPRESENTATIVE)

DATE SIGNED _____

NOTE: UNDERGROUND FIRE LINE (UFL) SUBMITTAL DOCUMENTS MUST MEET THE REQUIREMENTS OF NFPA 24 WHEN SUBMITTING FOR REVIEW

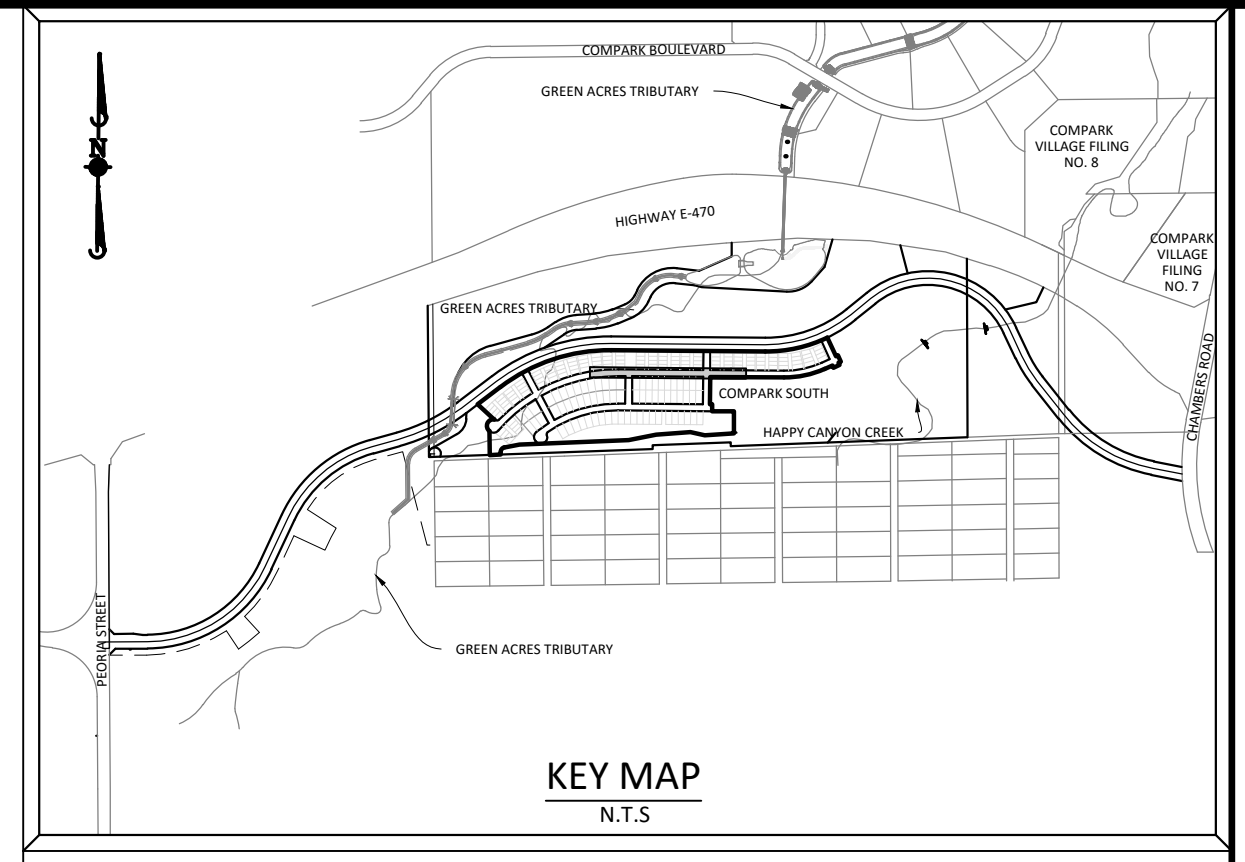
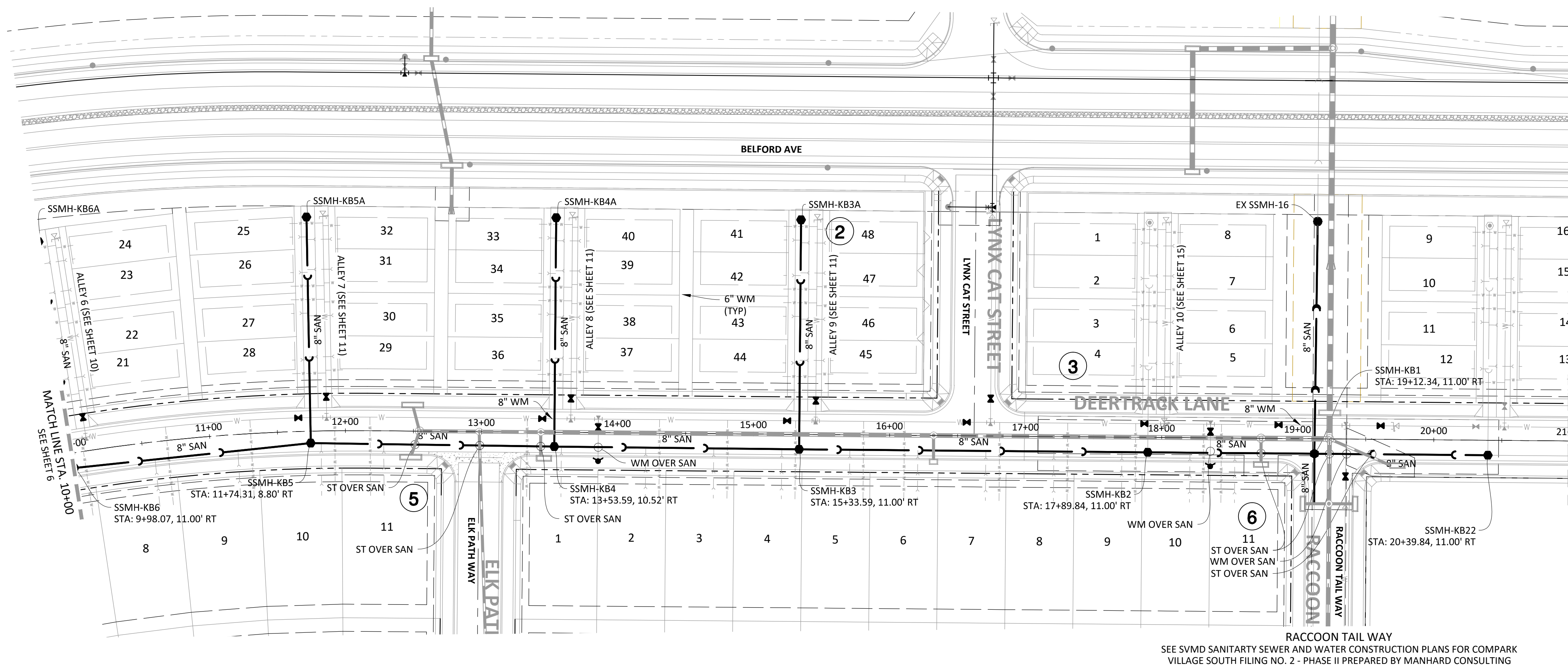
DISTRICT APPROVALS

THESE DESIGNS, PLANS, AND CONTRACT DOCUMENTS ARE REVIEWED FOR CONCEPT AND GENERAL CONFORMANCE TO THE DISTRICT'S MINIMUM STANDARDS ONLY, AND THE PRIMARY RESPONSIBILITY FOR DESIGN ADEQUACY IS TO REMAIN WITH THE ENGINEER OF RECORD. THIS REVIEW DOES NOT IMPLY RESPONSIBILITY BY EITHER THE STONEGATE VILLAGE METROPOLITAN DISTRICT OR THE DISTRICT ENGINEER FOR COMPLETENESS, ACCURACY OR CORRECTNESS OF CALCULATIONS. THE REVIEW DOES NOT IMPLY THAT QUANTITIES OF ITEMS INDICATED ON THE PLANS ARE THE FINAL QUANTITIES REQUIRED. THE REVIEW SHALL NOT BE CONSTRUED FOR ANY REASON AS ACCEPTANCE OF FINANCIAL RESPONSIBILITY BY THE STONEGATE VILLAGE METROPOLITAN DISTRICT FOR ADDITIONAL ITEMS AND ADDITIONAL QUANTITIES OF ITEMS SHOWN THAT MAY BE REQUIRED DURING THE CONSTRUCTION PHASE.

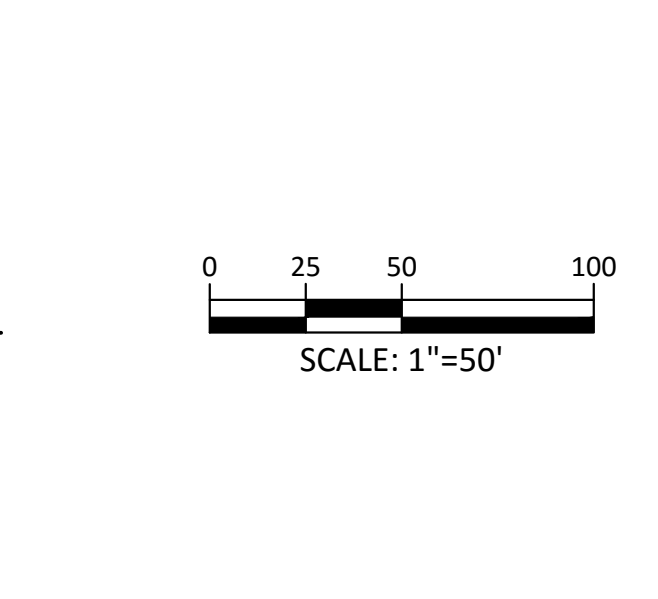
APPROVED FOR CONSTRUCTION WITHIN ONE YEAR OF THE EARLIEST OF THESE DATES:

BY _____ DATE _____
STONEGATE VILLAGE METROPOLITAN DISTRICT ENGINEER

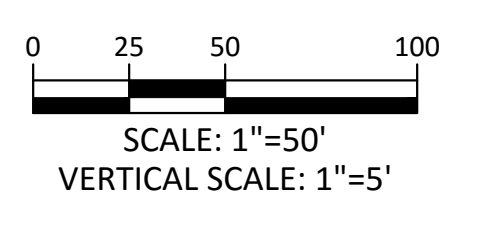
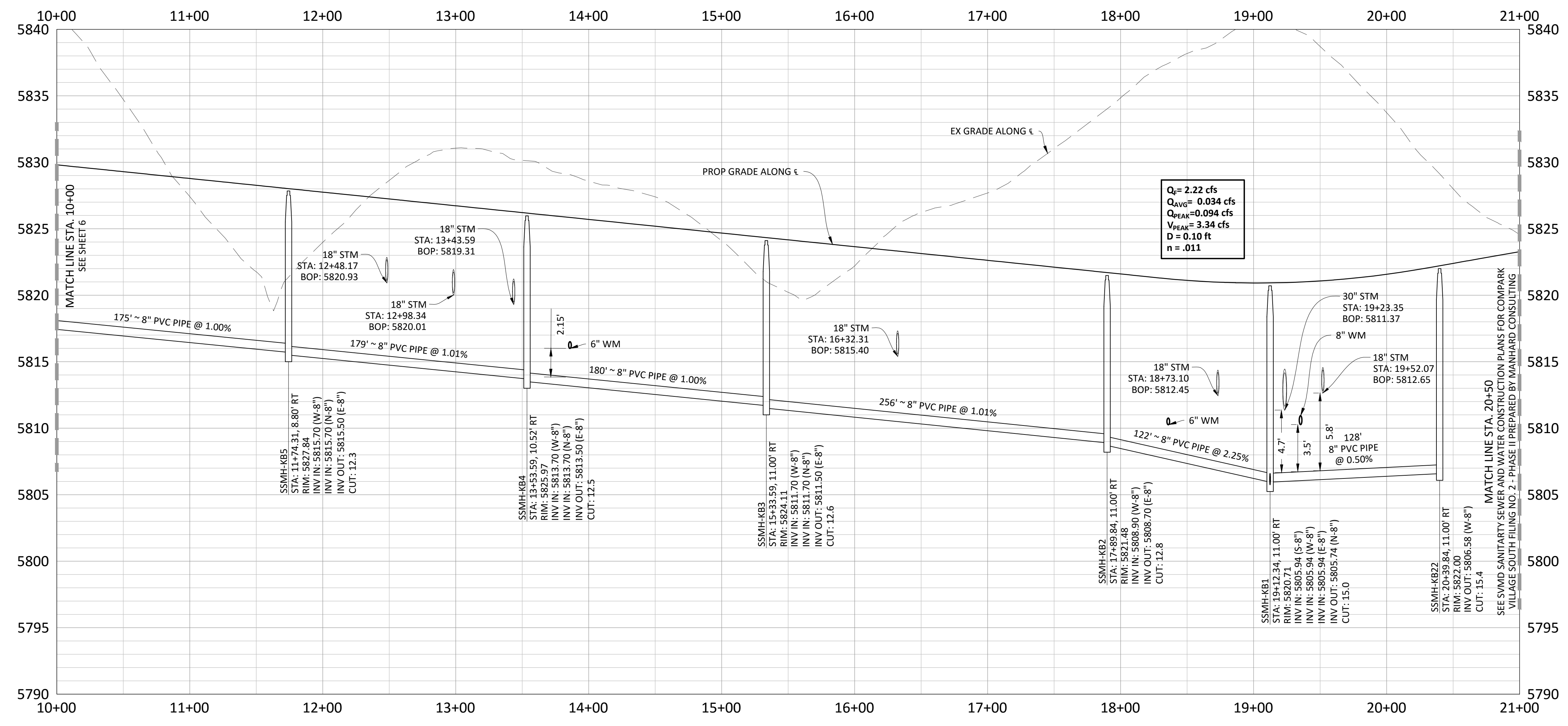
BY _____ DATE _____
STONEGATE VILLAGE METROPOLITAN DISTRICT MANAGER



SOURCE BENCHMARKS:
 DOUGLAS COUNTY BM 1.115010
 A DOUGLAS COUNTY GIS MONUMENT SET IN CONCRETE LOCATED APPROXIMATELY 130 FEET
 SOUTHWESTERLY OF THE CENTERLINE OF CHAMBERS ROAD AND 95 FEET NORTHWESTERLY OF
 THE CENTERLINE OF COMPARK BOULEVARD. ELEVATION = 5752.84 (NAVD 88)



DEERTRACK LANE



$Q_p = 2.22$ cfs
 $Q_{AVG} = 0.034$ cfs
 $Q_{PEAK} = 0.094$ cfs
 $V_{PEAK} = 3.34$ cfs
 $D = 0.10$ ft
 $n = .011$

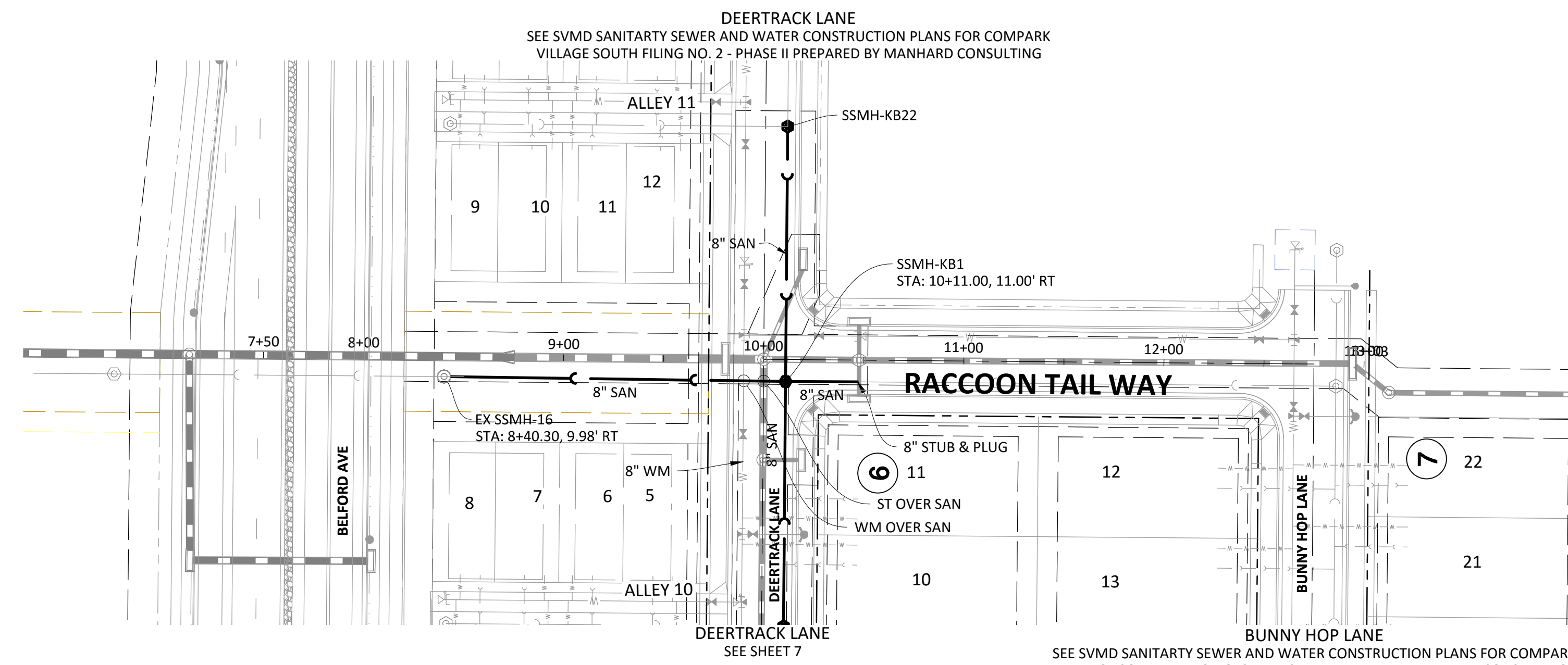
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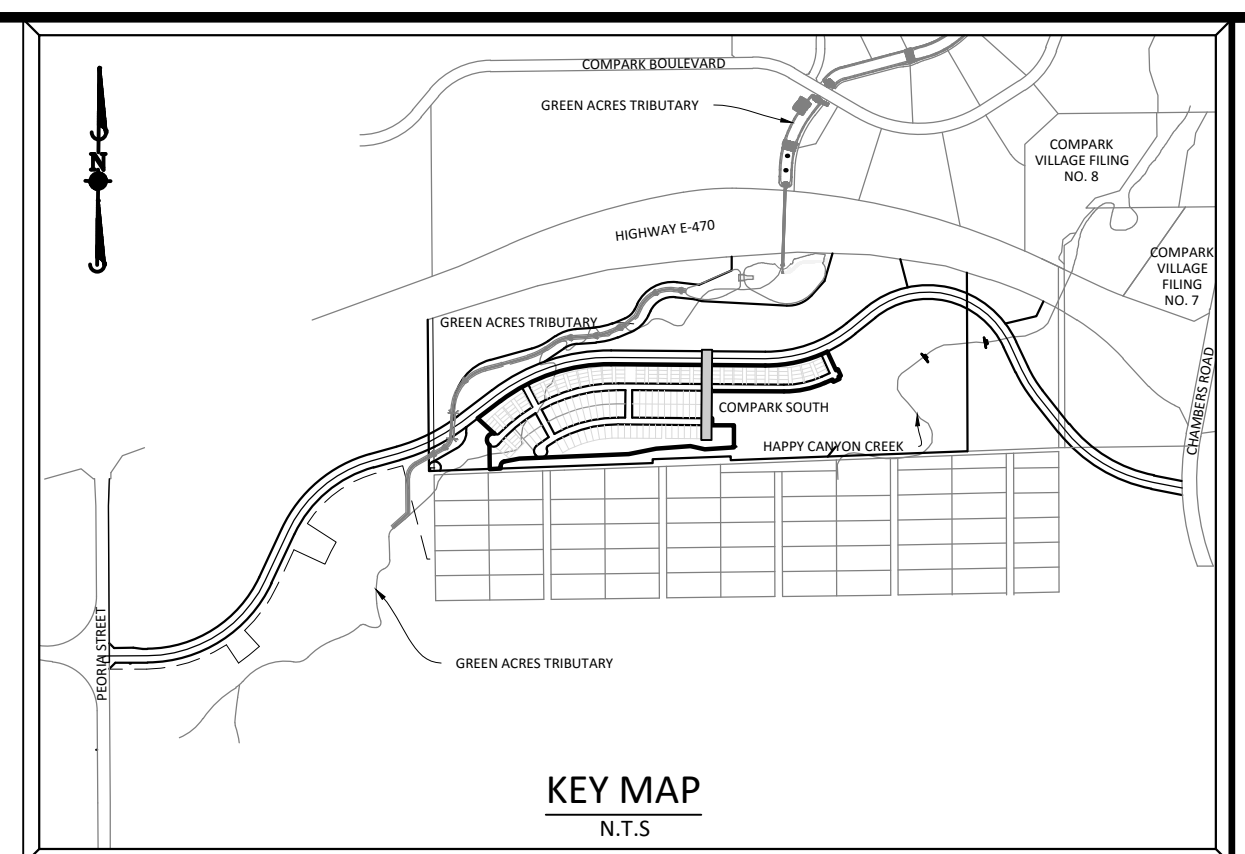
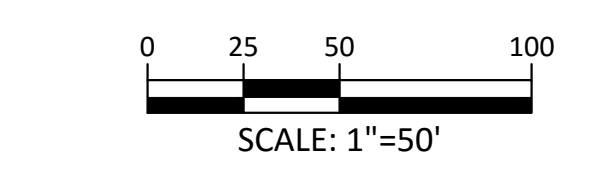
COMPARK VILLAGE SOUTH FILING NO. 2 - PHASE I
 TOWN OF PARKER, COLORADO
 SANITARY SEWER PLAN AND PROFILE - DEERTRACK LANE

PROJ MGR: RIM
 PROJ ASSOC: RAK
 DRAWN BY: RAK
 DATE: 10/2016

SHEET
7 OF 14
 CLCPKC3

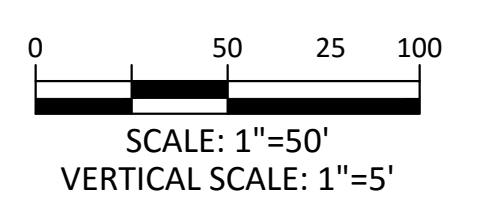
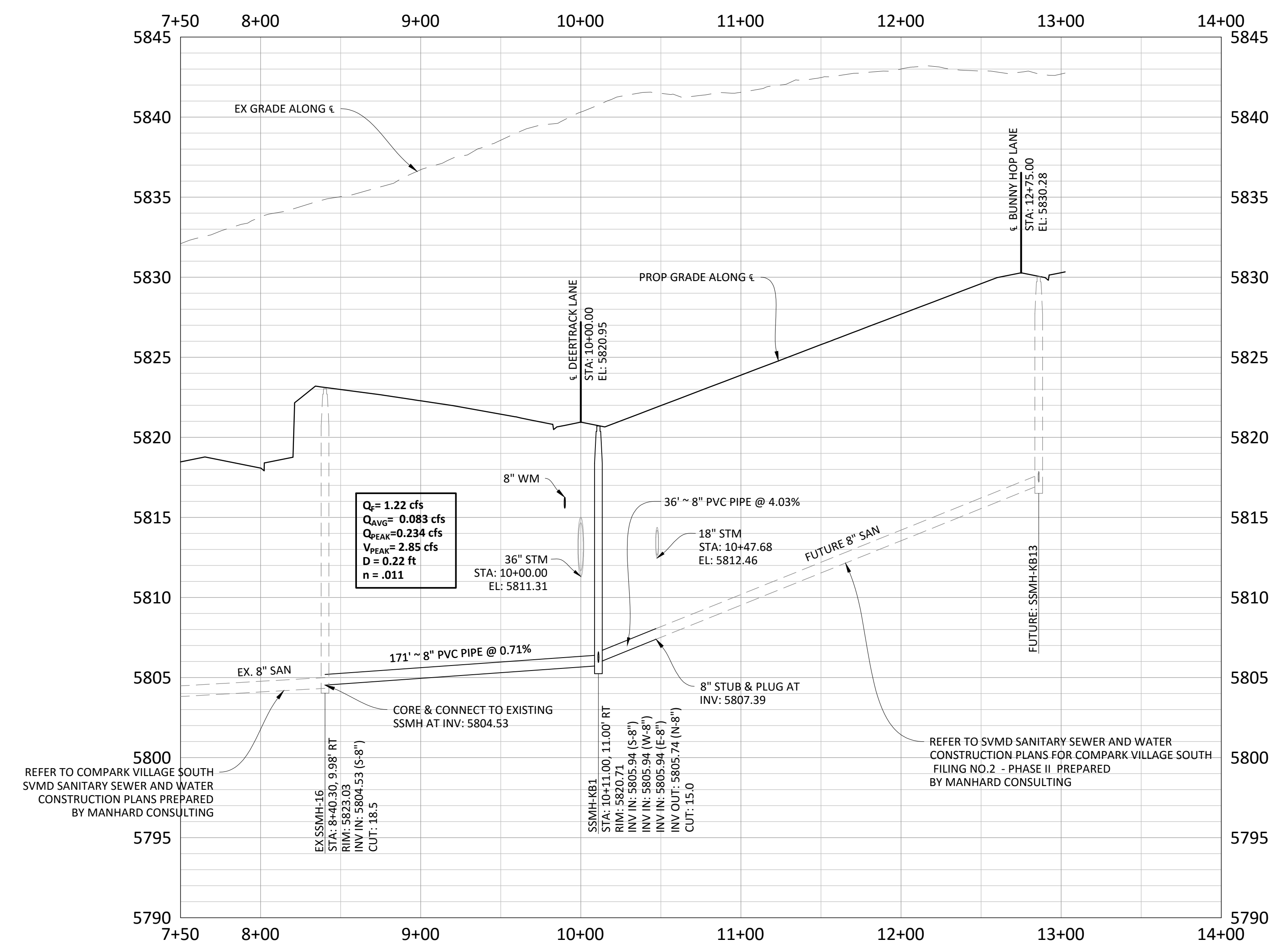


RACCOON TAIL WAY



KEY MAP
N.T.S.

SOURCE BENCHMARKS:
DOUGLAS COUNTY BM 1.115010
A DOUGLAS COUNTY GIS MONUMENT SET IN CONCRETE LOCATED APPROXIMATELY 130 FEET
SOUTHWESTERLY OF THE CENTERLINE OF CHAMBERS ROAD AND 95 FEET NORTHWESTERLY OF
THE CENTERLINE OF COMPAK BOULEVARD. ELEVATION = 5752.84 (NAVD 88)



Plotted: 12/17/2016 2:26 PM. Draw Name: p:\c\c\c3\compsouth\DE-residential.cdw\p\final\drawings\Plan_San\District\PHASE 1\05a_P&B_3_Street_C.dwg. Updated By: BKatz

DATE	
REVISIONS	

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COMPAK VILLAGE SOUTH FILING NO. 2 - PHASE I

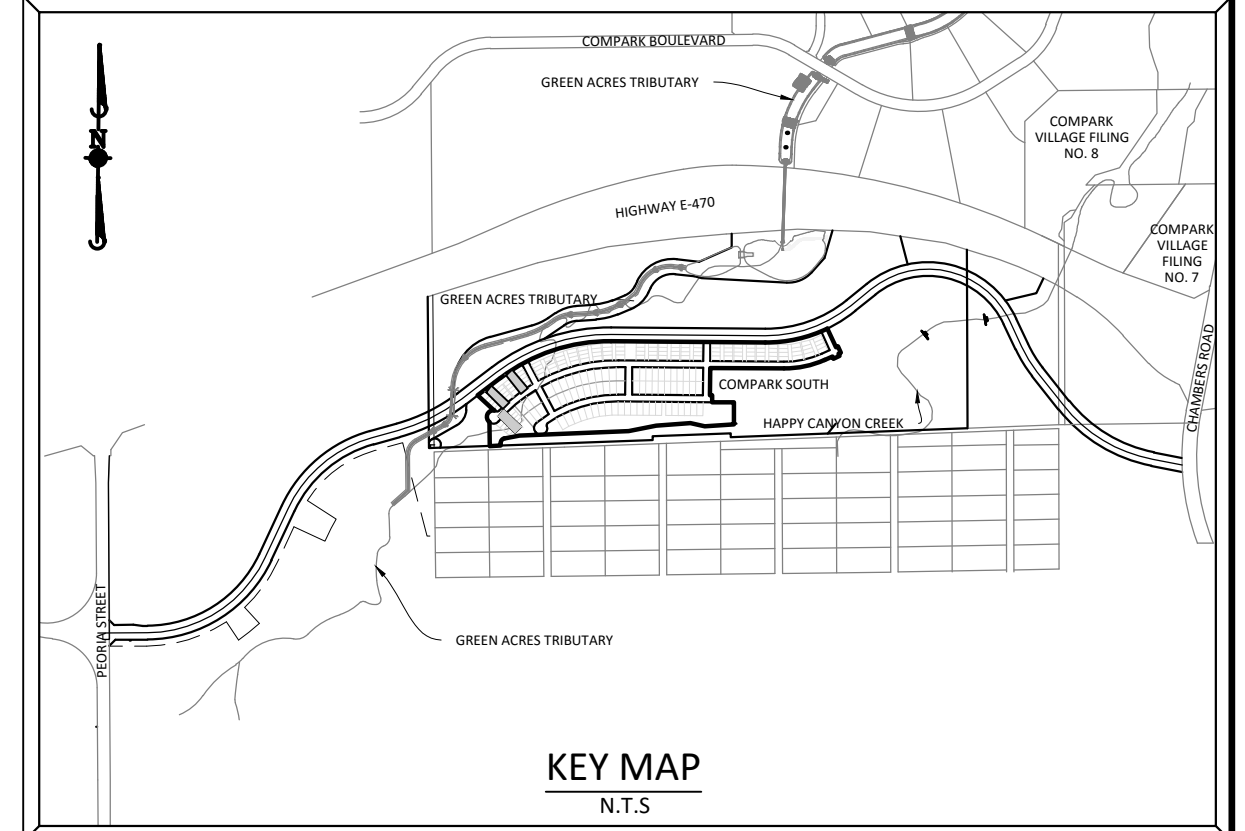
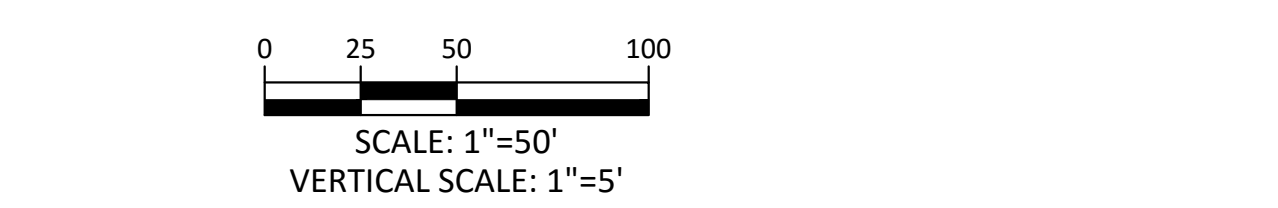
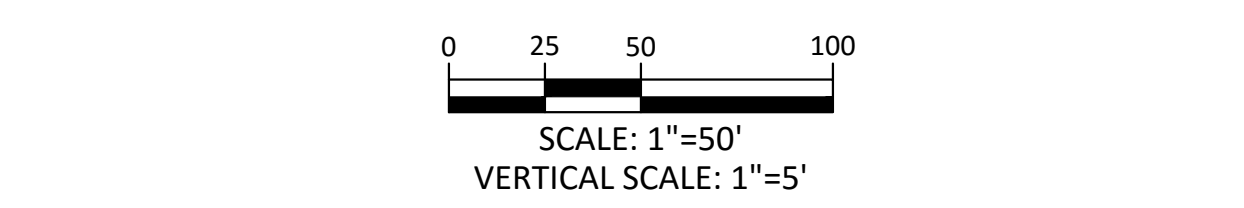
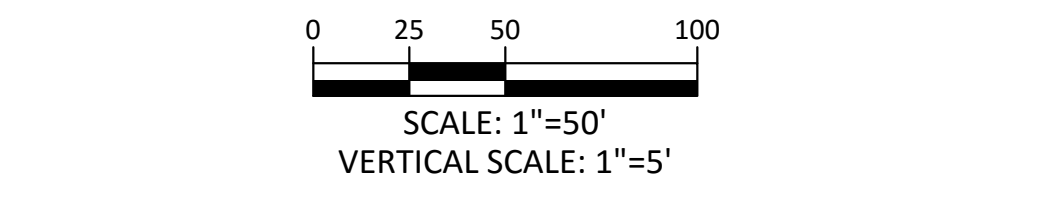
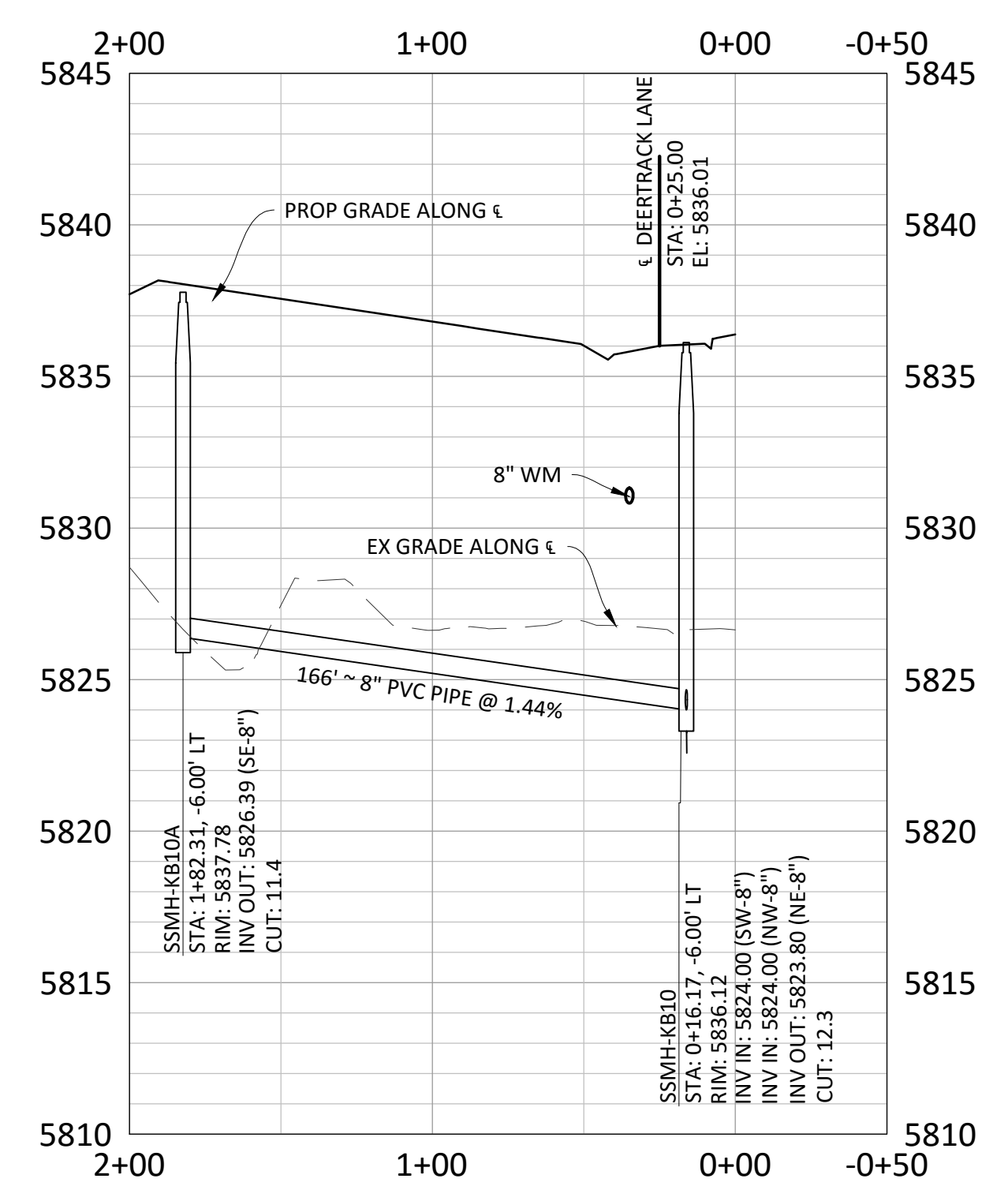
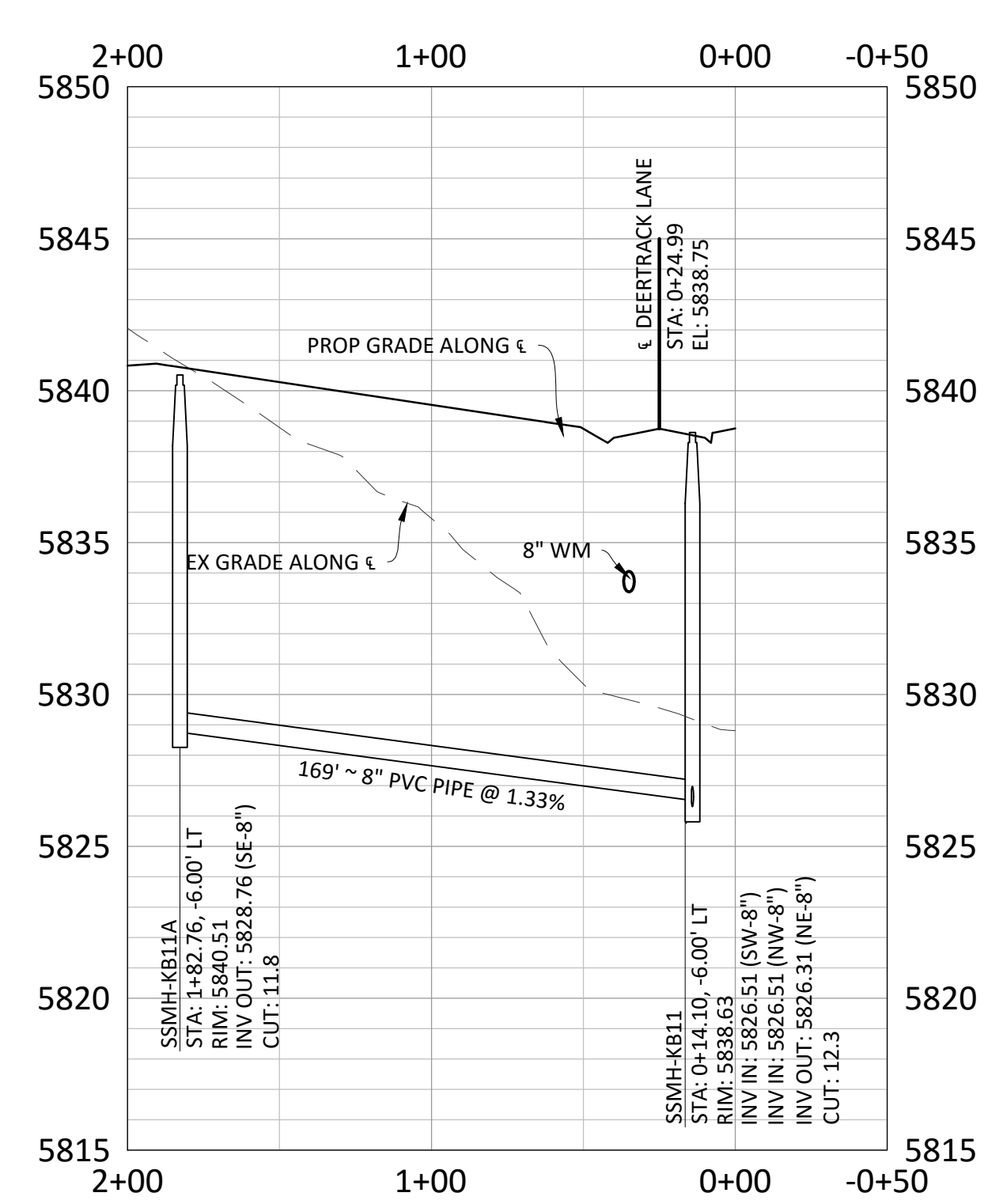
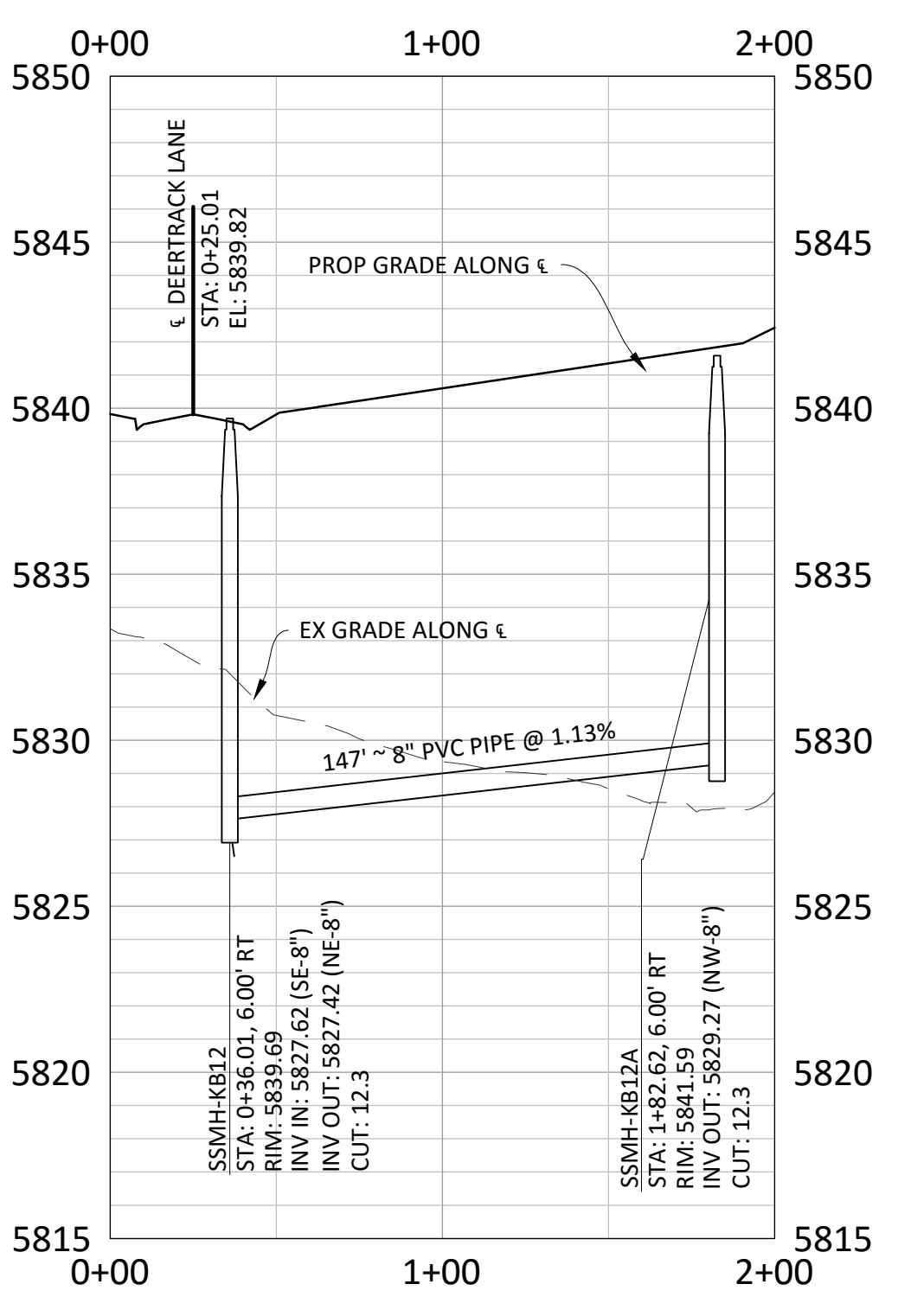
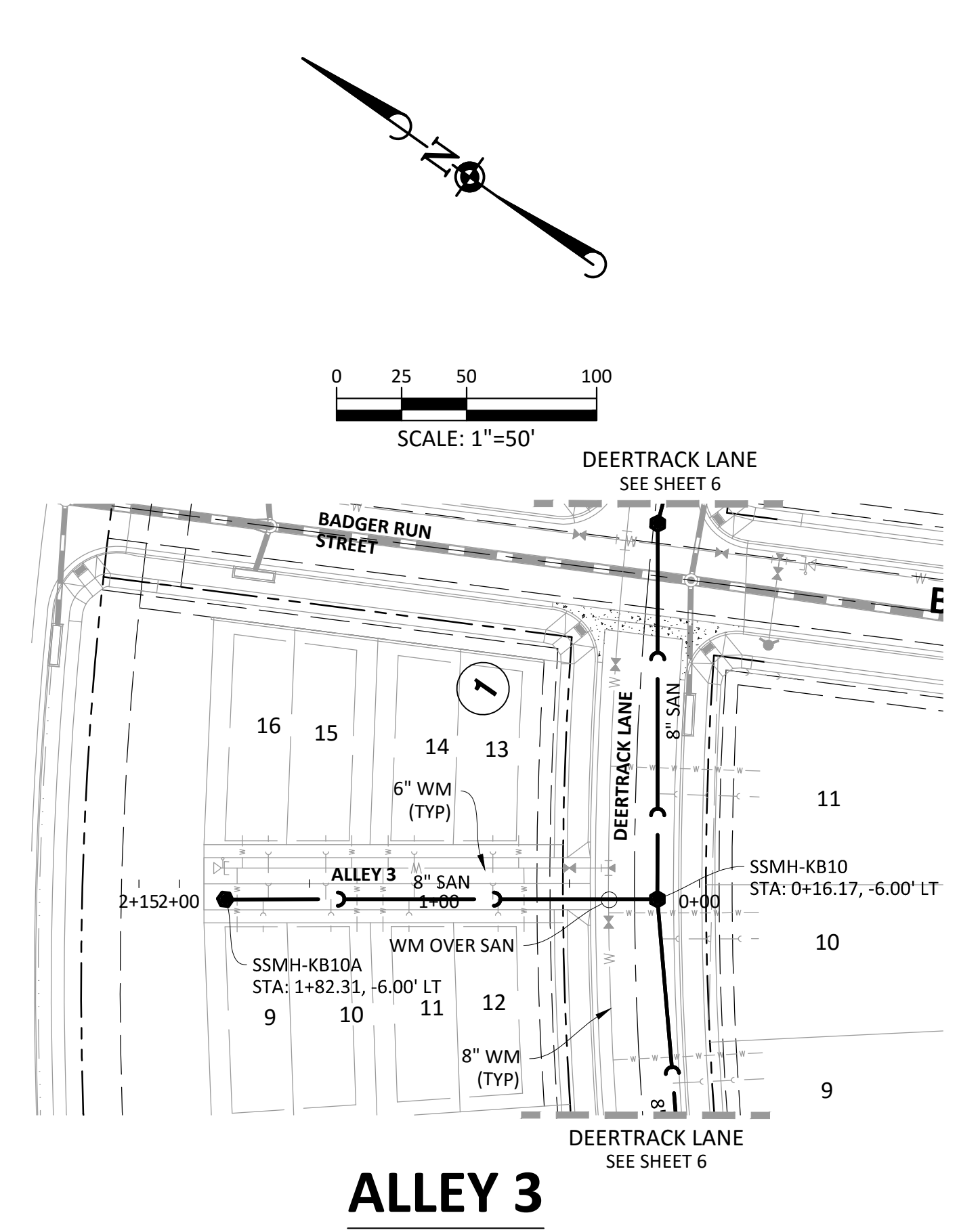
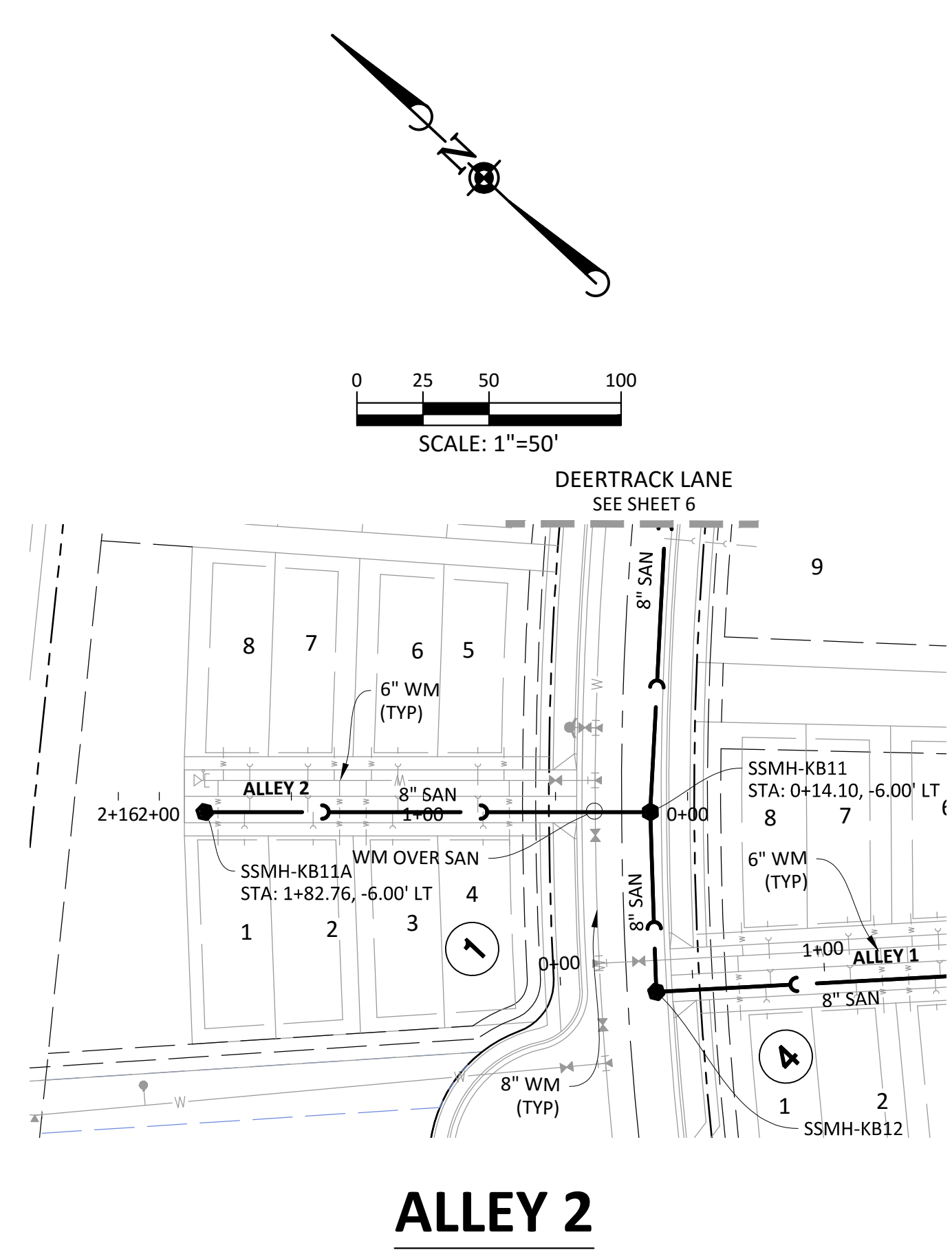
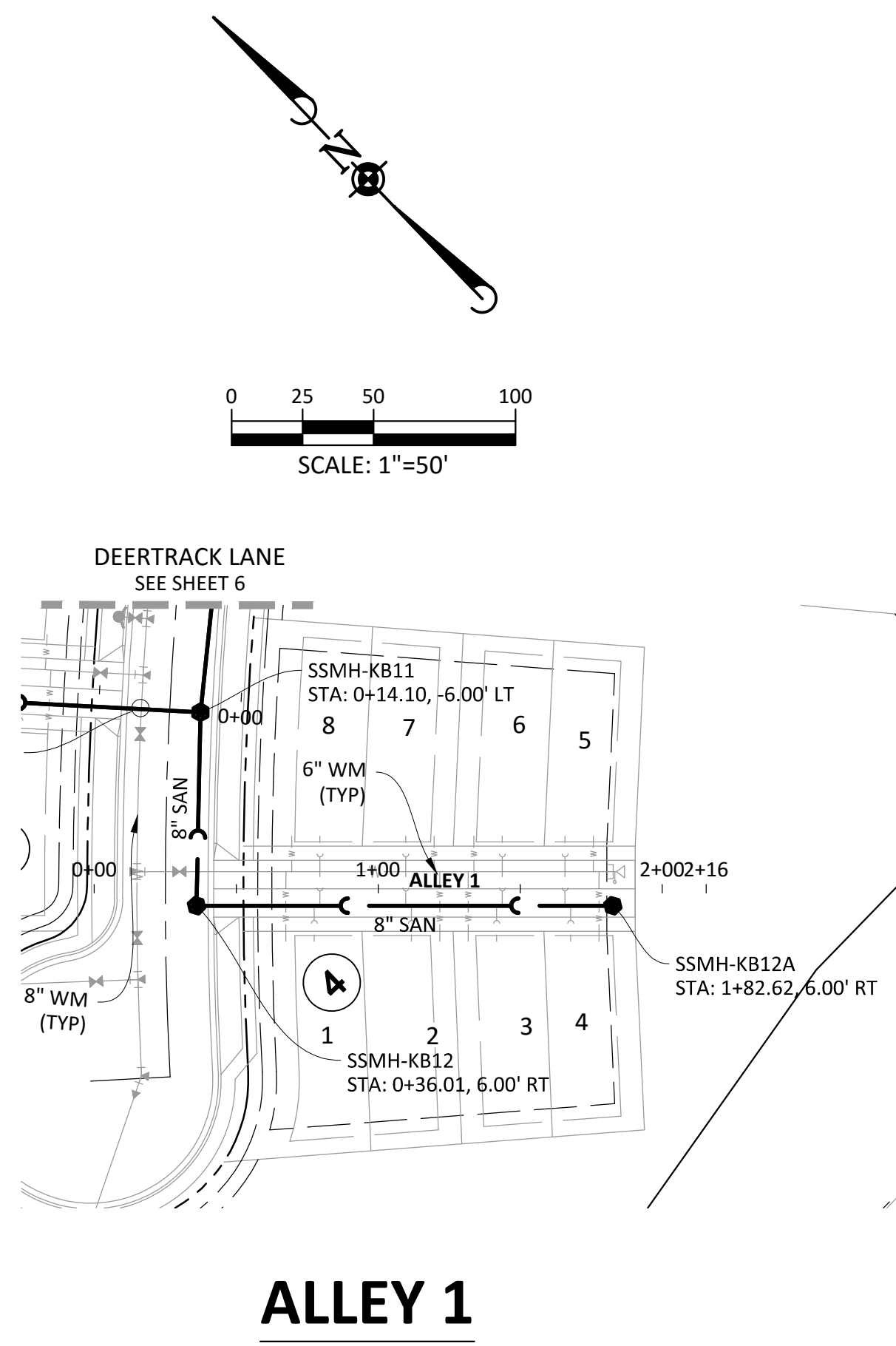
TOWN OF PARKER, COLORADO

SANITARY SEWER PLAN AND PROFILE - RACCOON TAIL WAY

PROJ. MGR.:	RJM
PROJ. ASSOC.:	RAK
DRAWN BY:	RAK
DATE:	10/2016
SHEET	
8 OF 14	
CLCPKC3	

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Plot: 12/17/2016 2:28 PM, Day Name: p:\c\c\3\comsouth\DE-ecidental.ctb, User: S:\D\District\PHASE 1\05A-P&R-4-Alley 1.3.dwg, Updated By: RKRZ



SOURCE BENCHMARKS:
 DOUGLAS COUNTY BM 1.115010
 A DOUGLAS COUNTY GIS MONUMENT SET IN CONCRETE LOCATED APPROXIMATELY 130 FEET SOUTHWESTERLY OF THE CENTERLINE OF CHAMBERS ROAD AND 95 FEET NORTHWESTERLY OF THE CENTERLINE OF COMPARK BOULEVARD. ELEVATION = 5752.84 (NAVD 88)

DATE	
REVISIONS	
DRAWN BY	

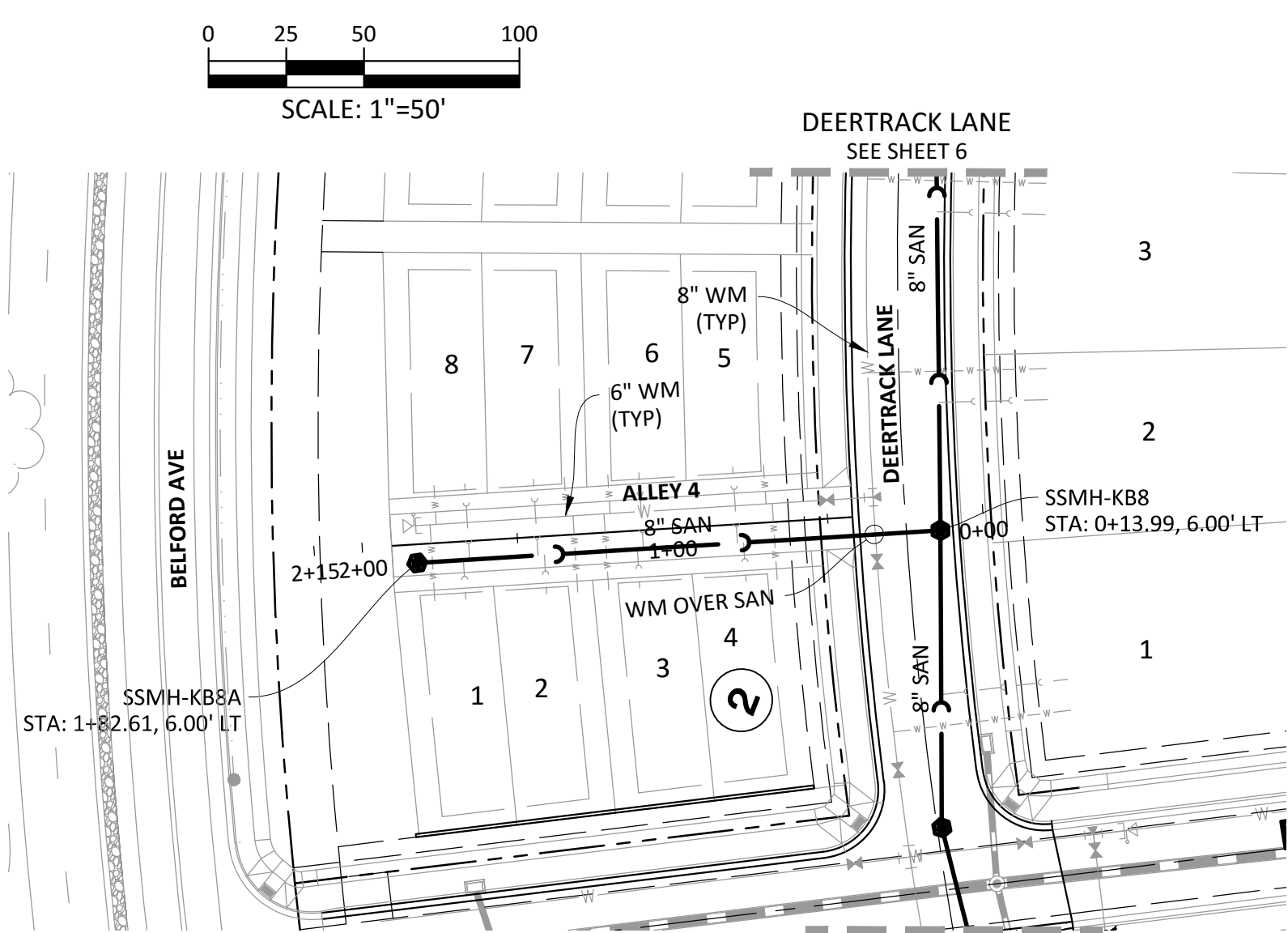
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COMPARK VILLAGE SOUTH FILING NO. 2 - PHASE I
TOWN OF PARKER, COLORADO
SANITARY SEWER PLAN AND PROFILE - ALLEY 1-3

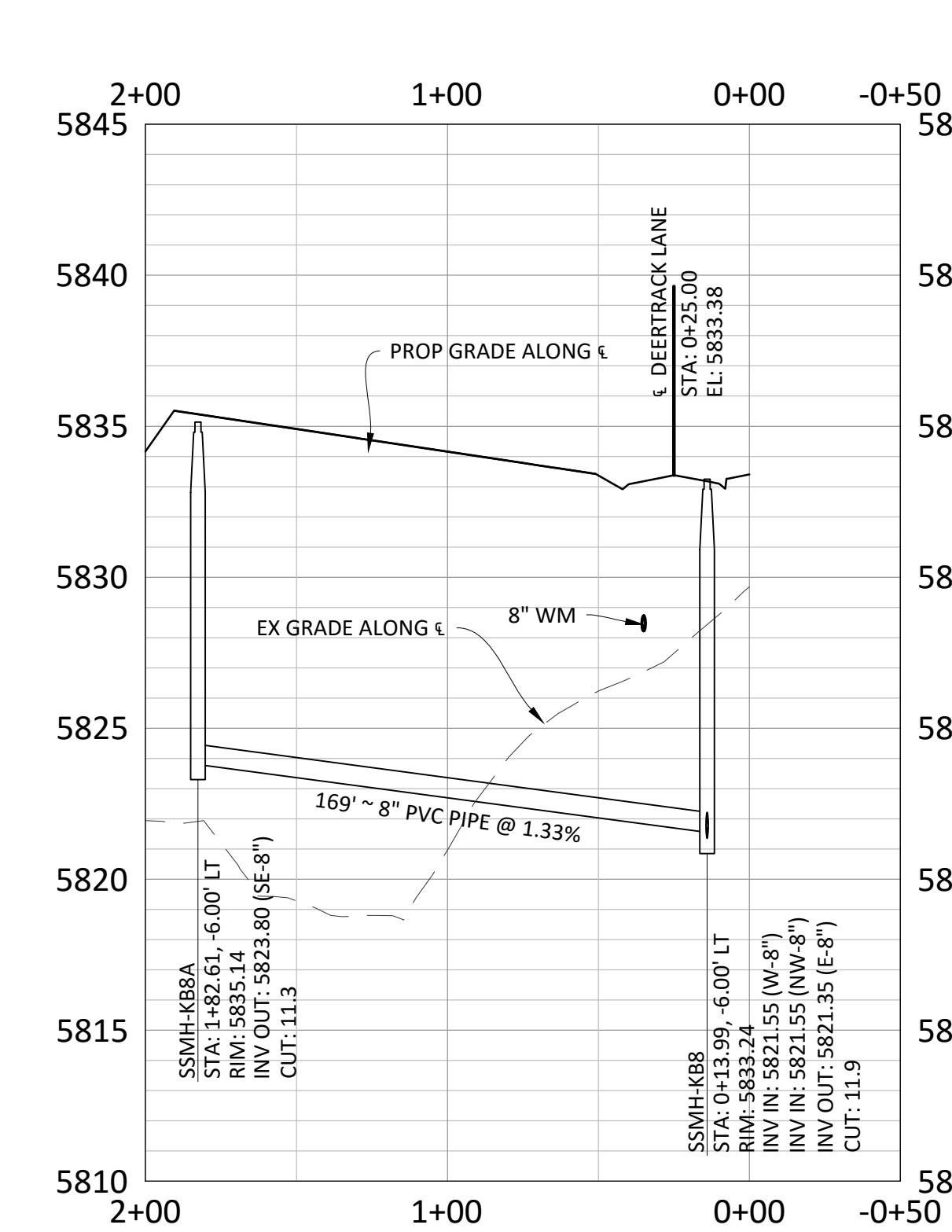
PROJ. MGR.:	RJM
PROJ. ASSOC.:	RAK
DRAWN BY:	RAK
DATE:	10/2016
SHEET	
9 OF 14	
CLCPKC3	

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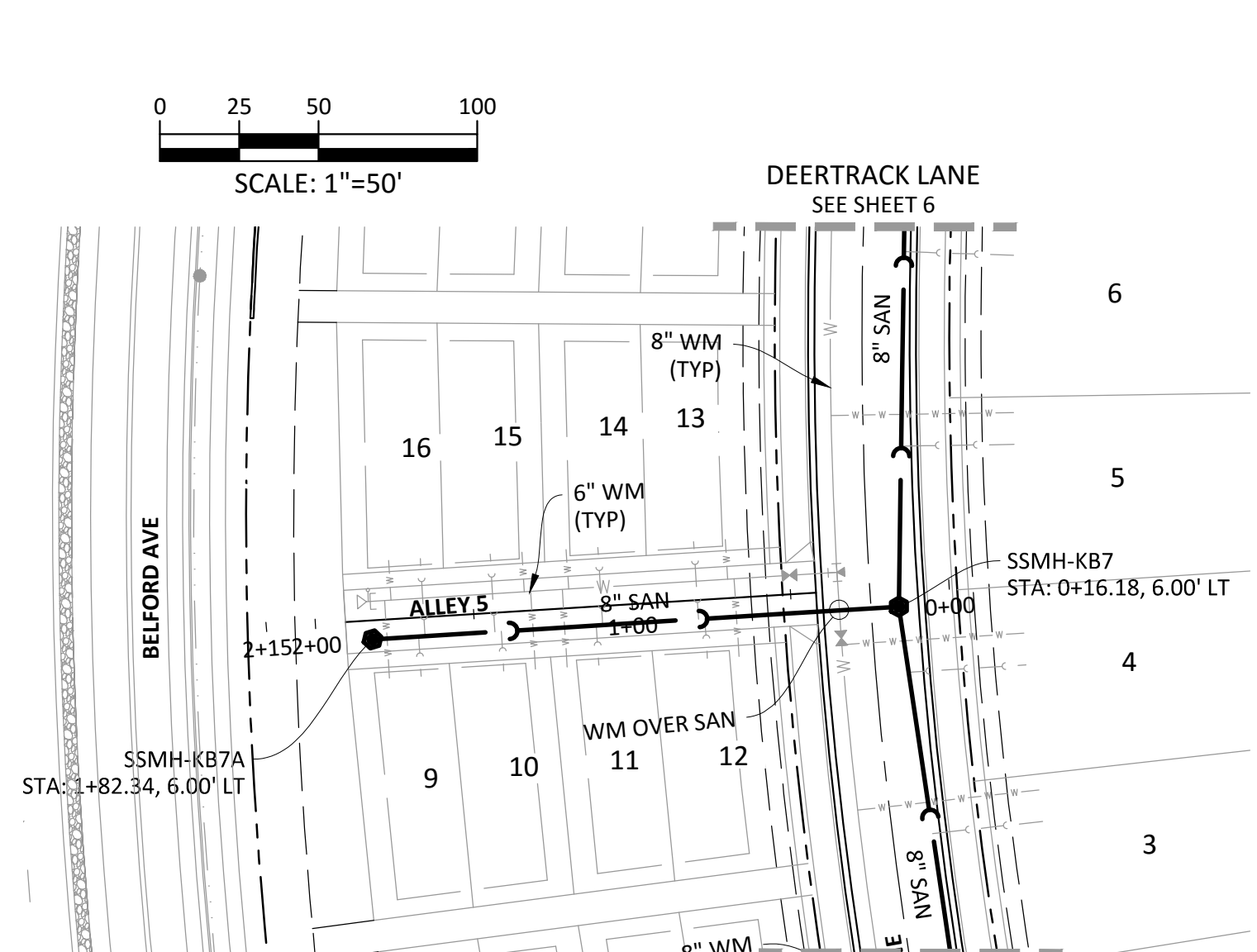
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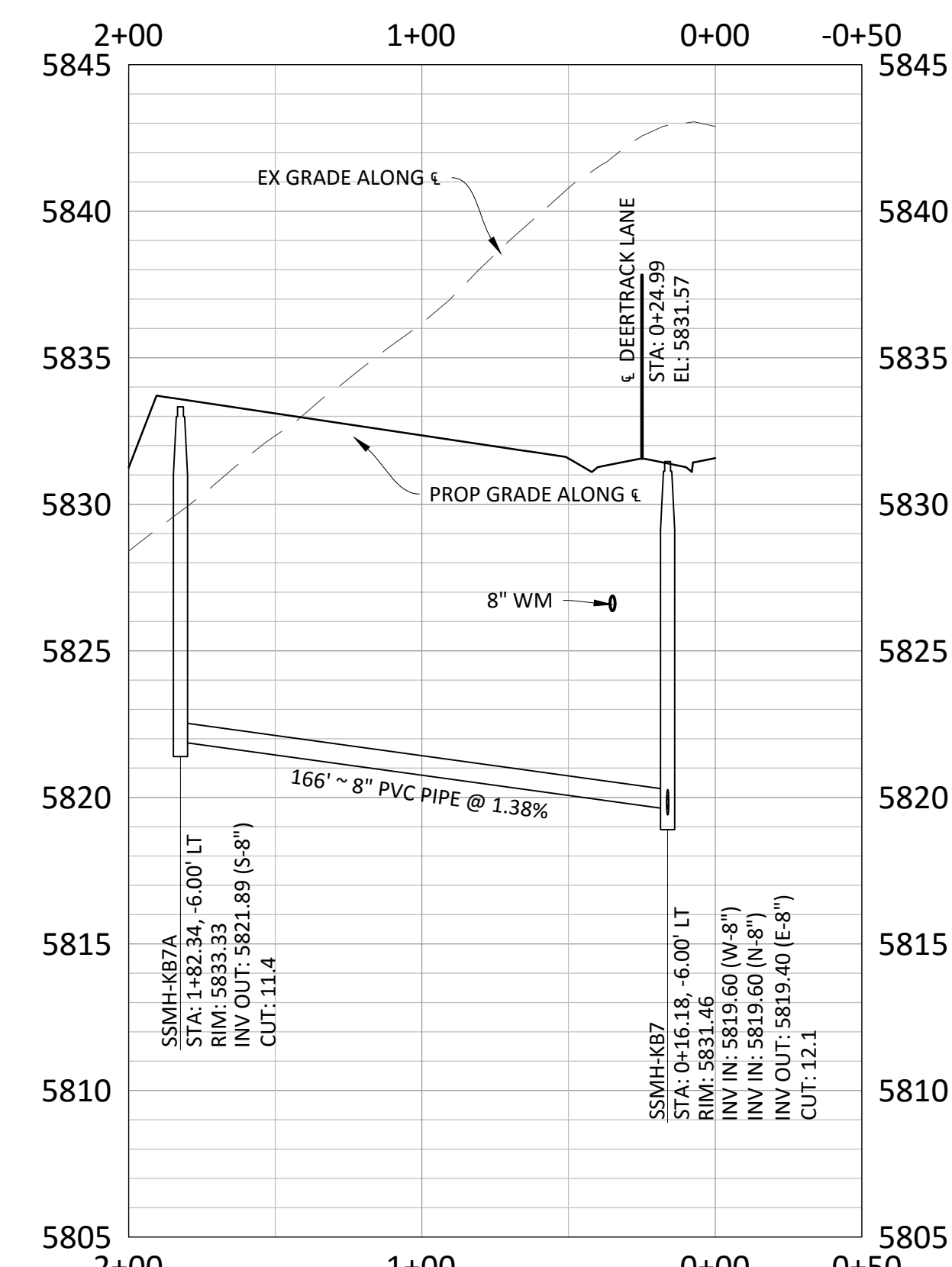
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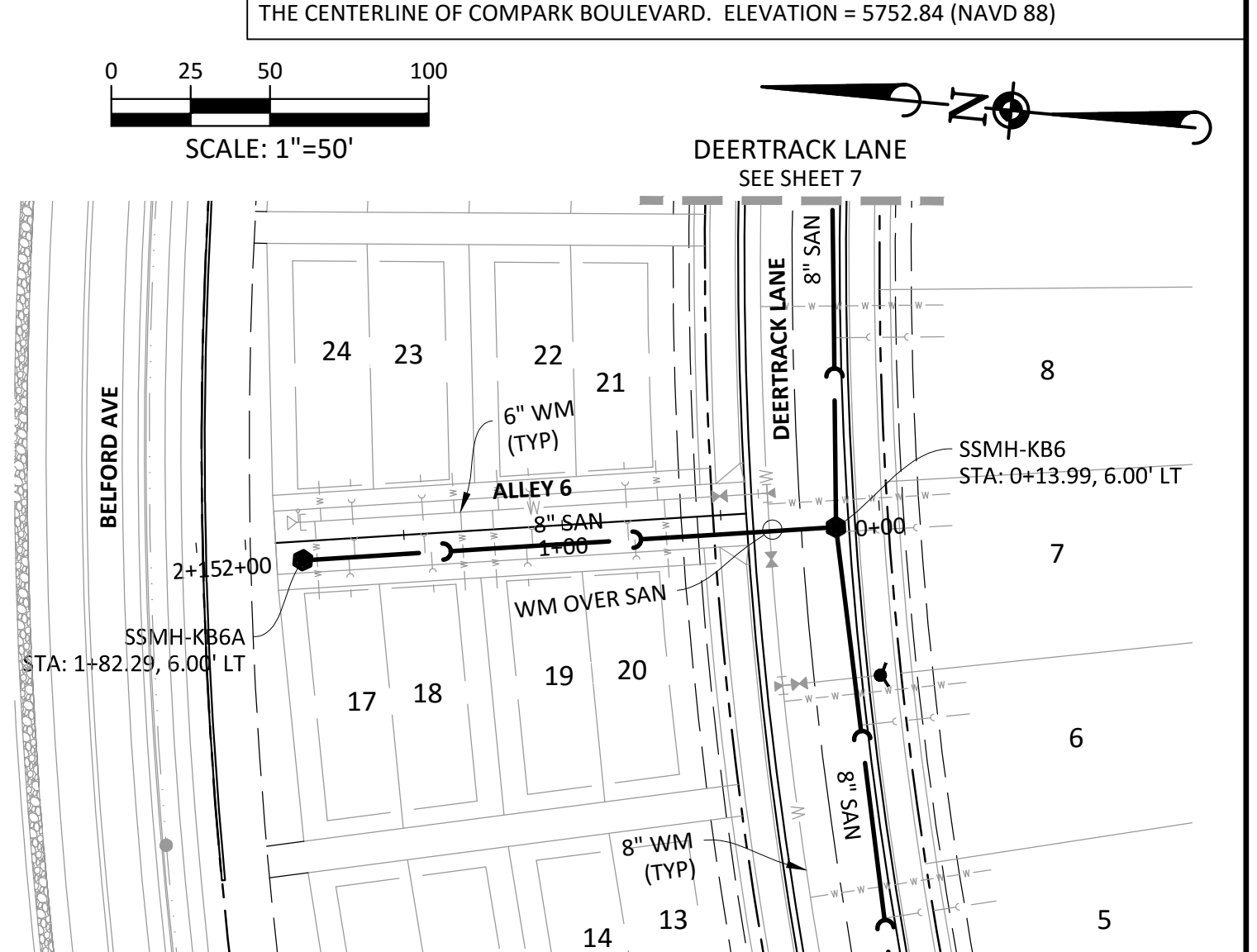
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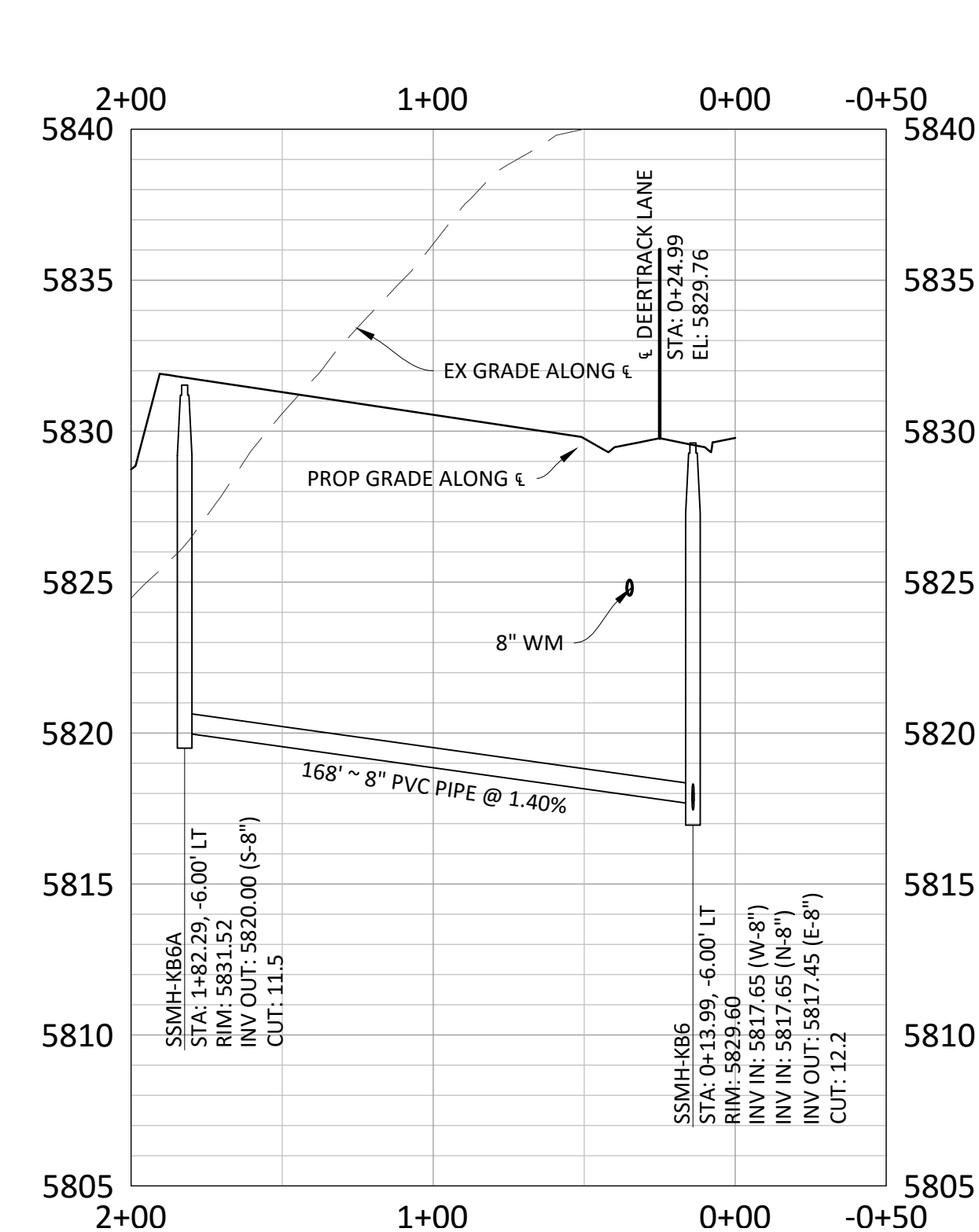
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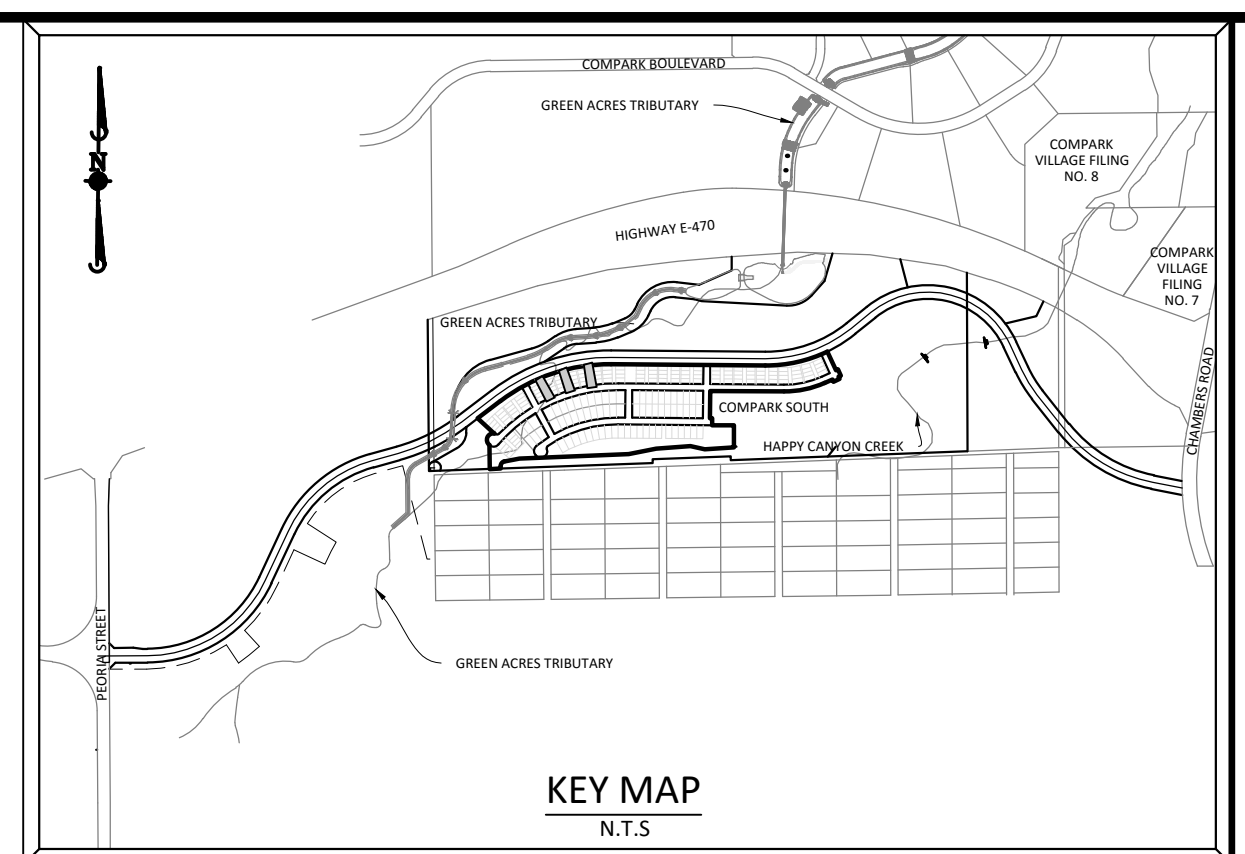
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ALLEY 6



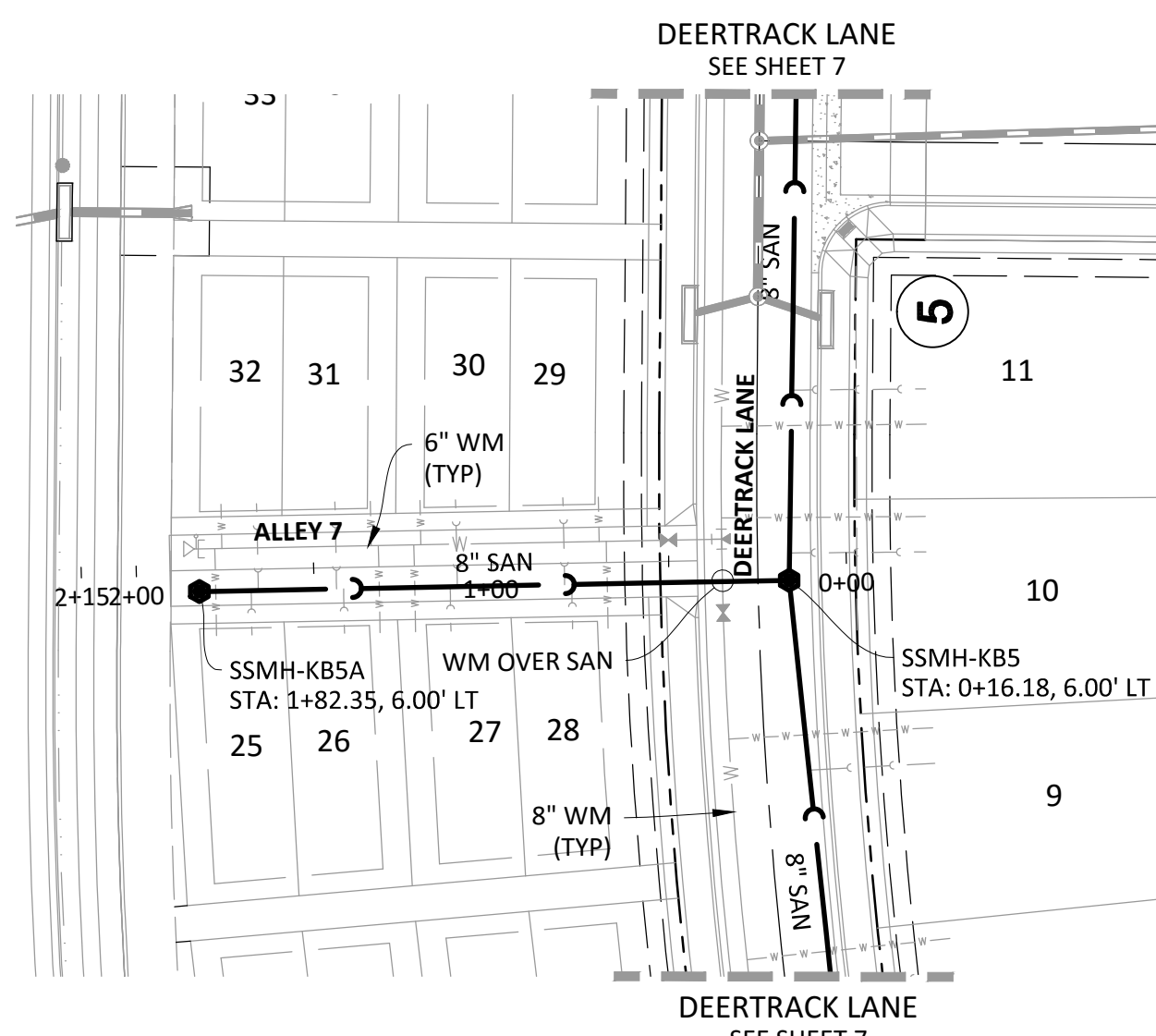
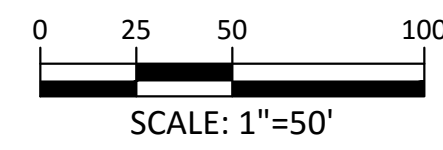
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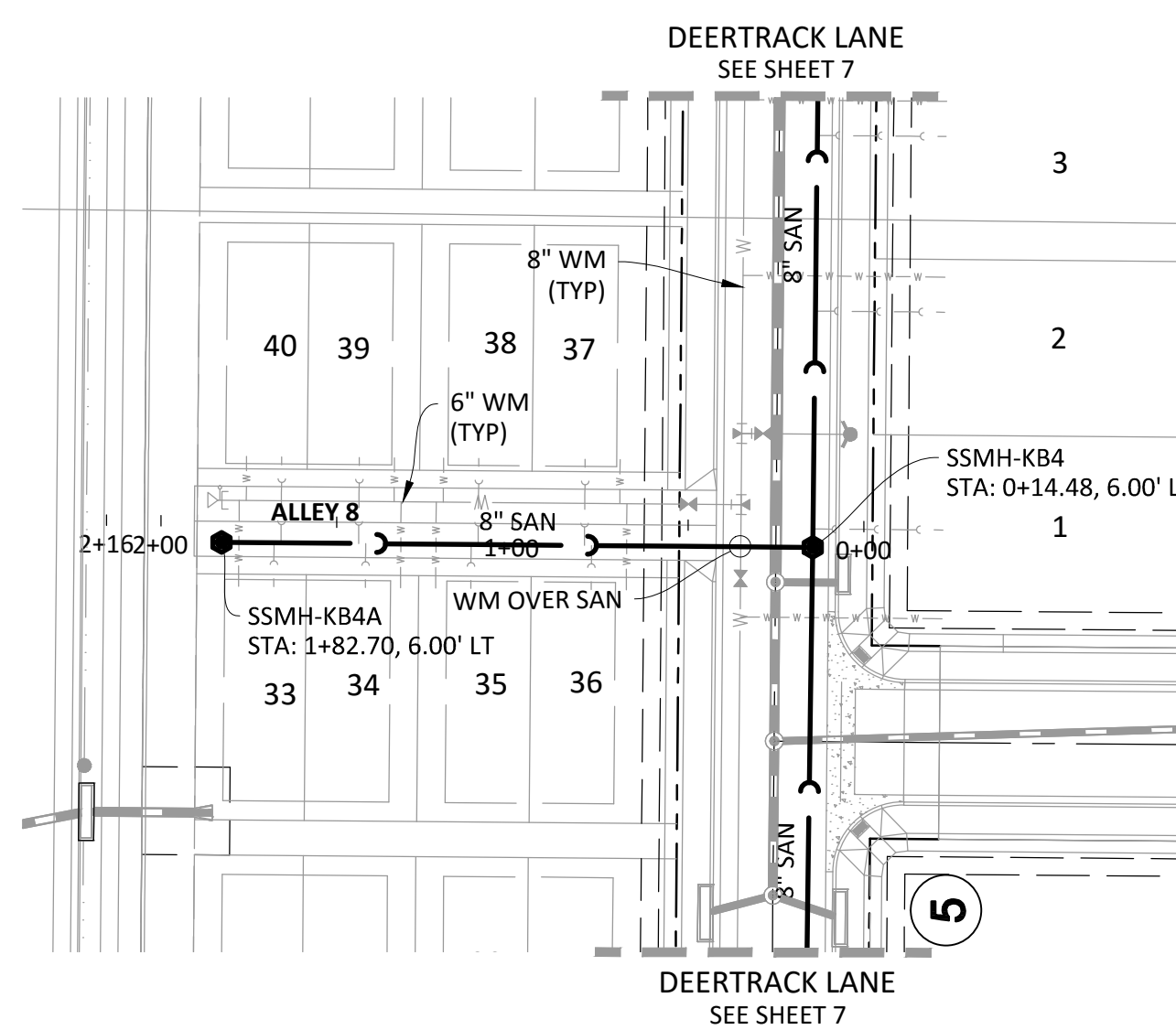
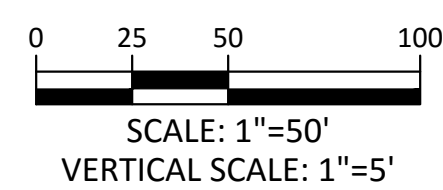
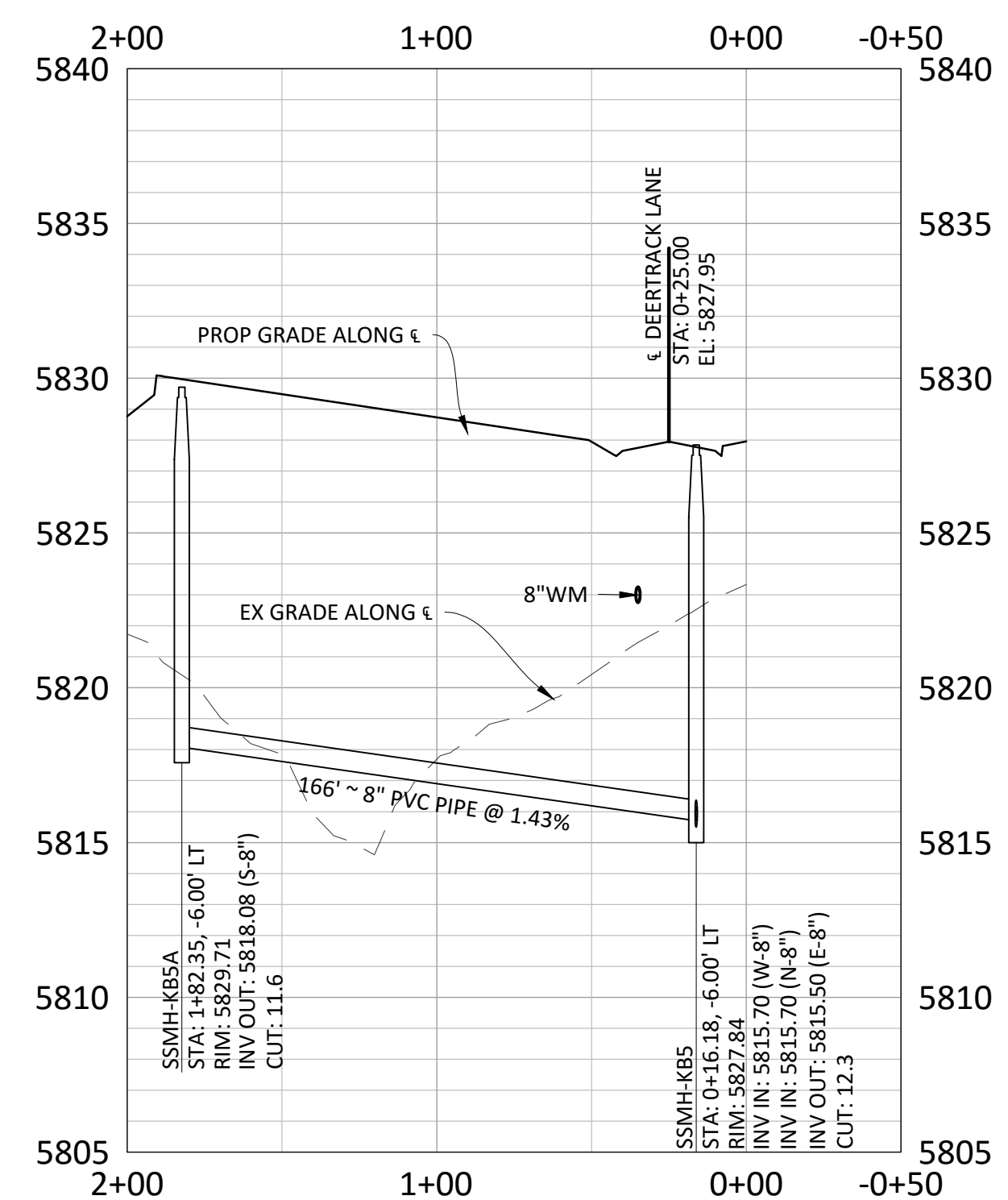
SOURCE BENCHMARKS:
DOUGLAS COUNTY BM 1.115010
A DOUGLAS COUNTY GIS MONUMENT SET IN CONCRETE LOCATED APPROXIMATELY 130 FEET SOUTHWESTERLY OF THE CENTERLINE OF CHAMBERS ROAD AND 95 FEET NORTHWESTERLY OF THE CENTERLINE OF COMPARK BOULEVARD. ELEVATION = 5752.84 (NAVD 88)

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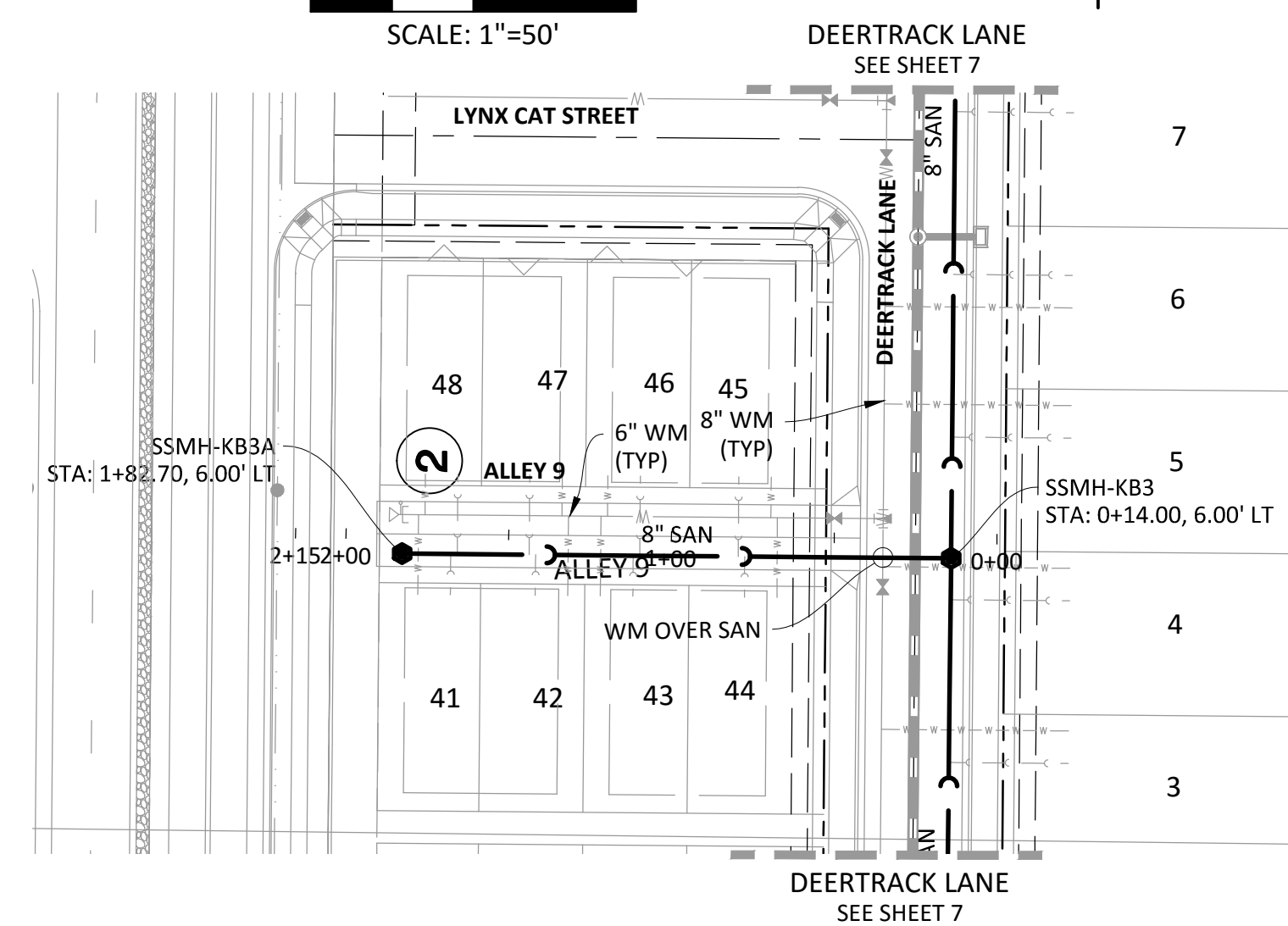
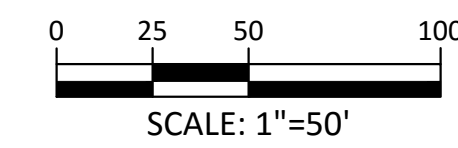
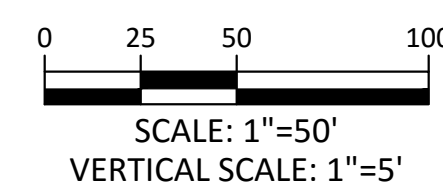
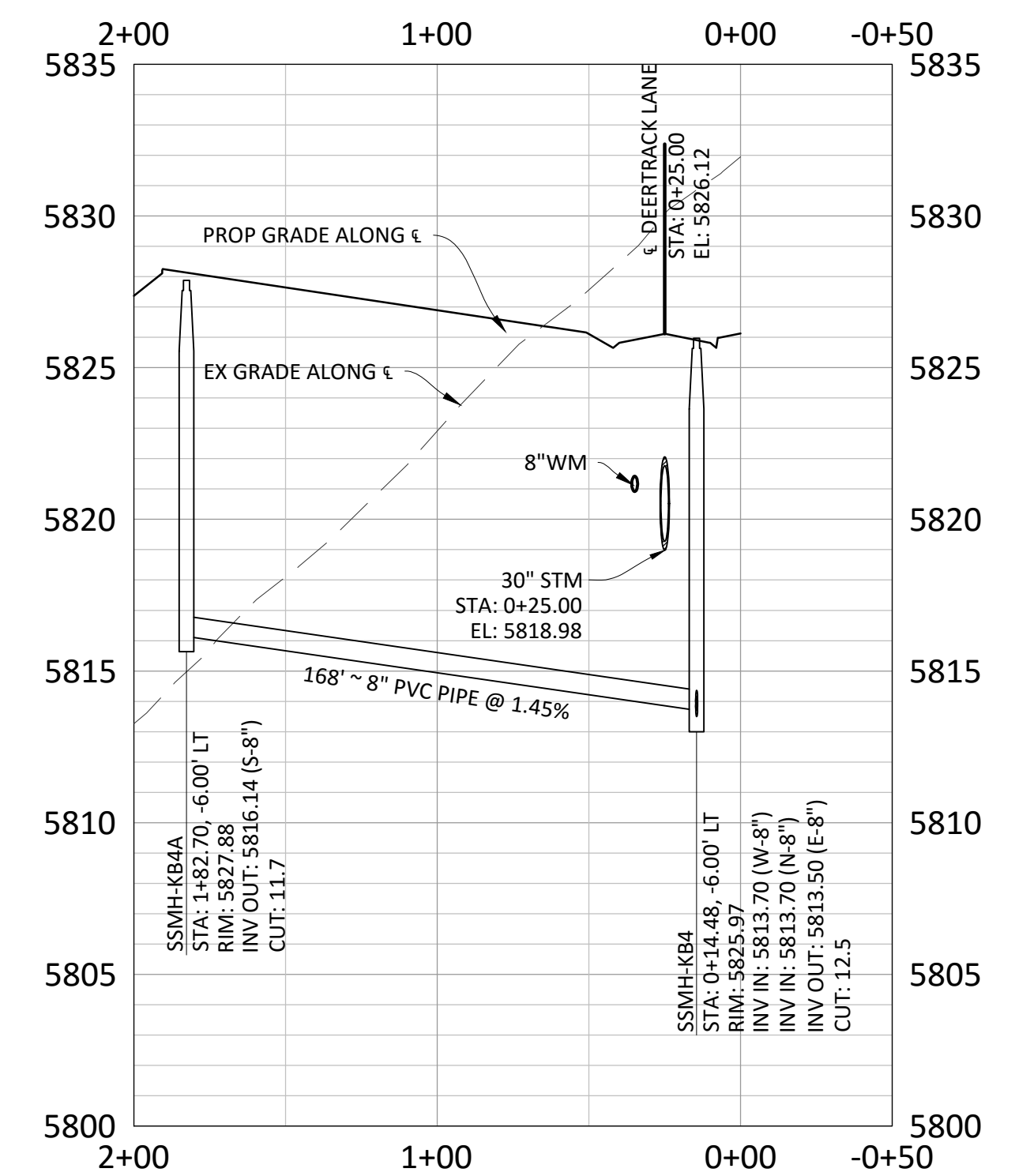
COMPARK VILLAGE SOUTH FILING NO. 2 - PHASE I
TOWN OF PARKER, COLORADO
SANITARY SEWER PLAN AND PROFILE - ALLEY 4-6



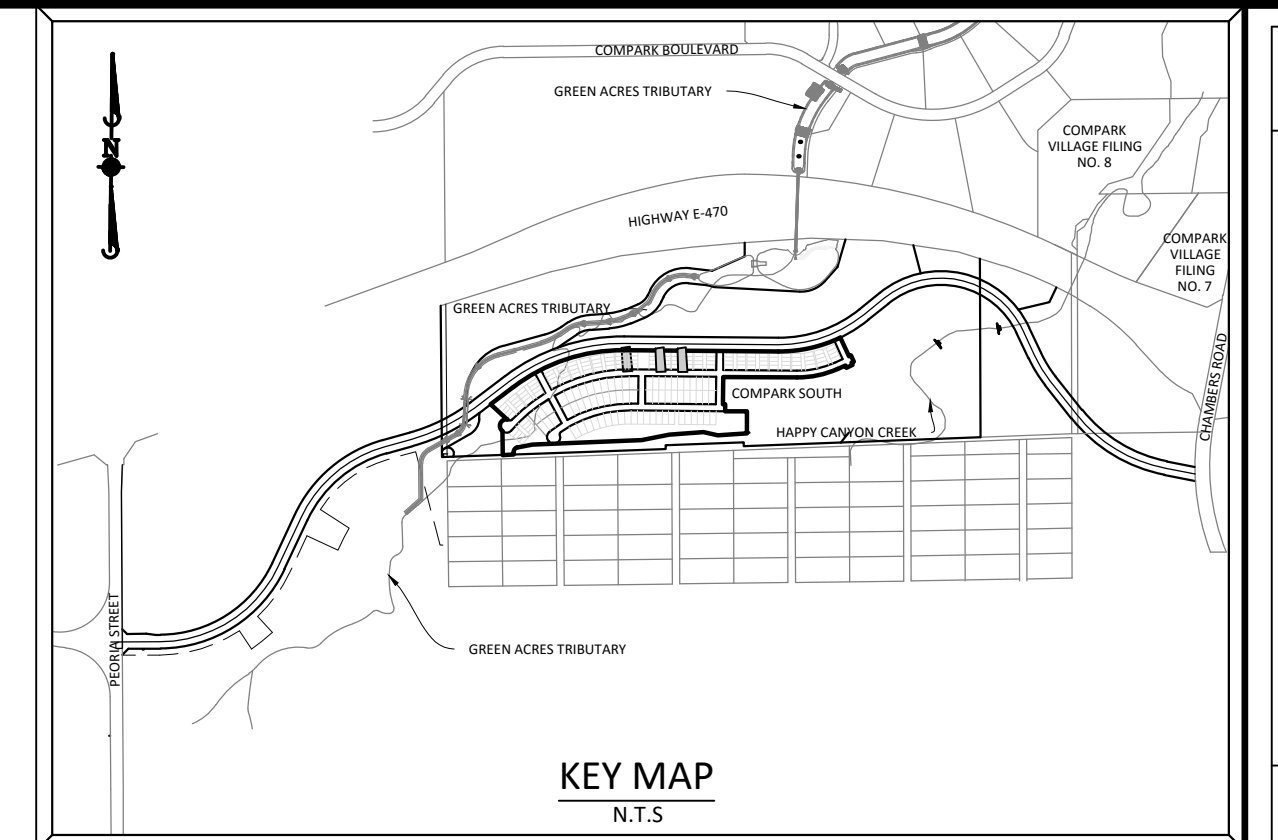
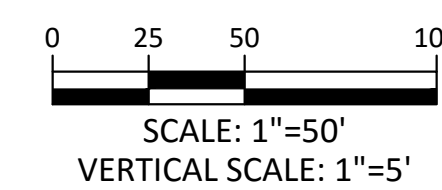
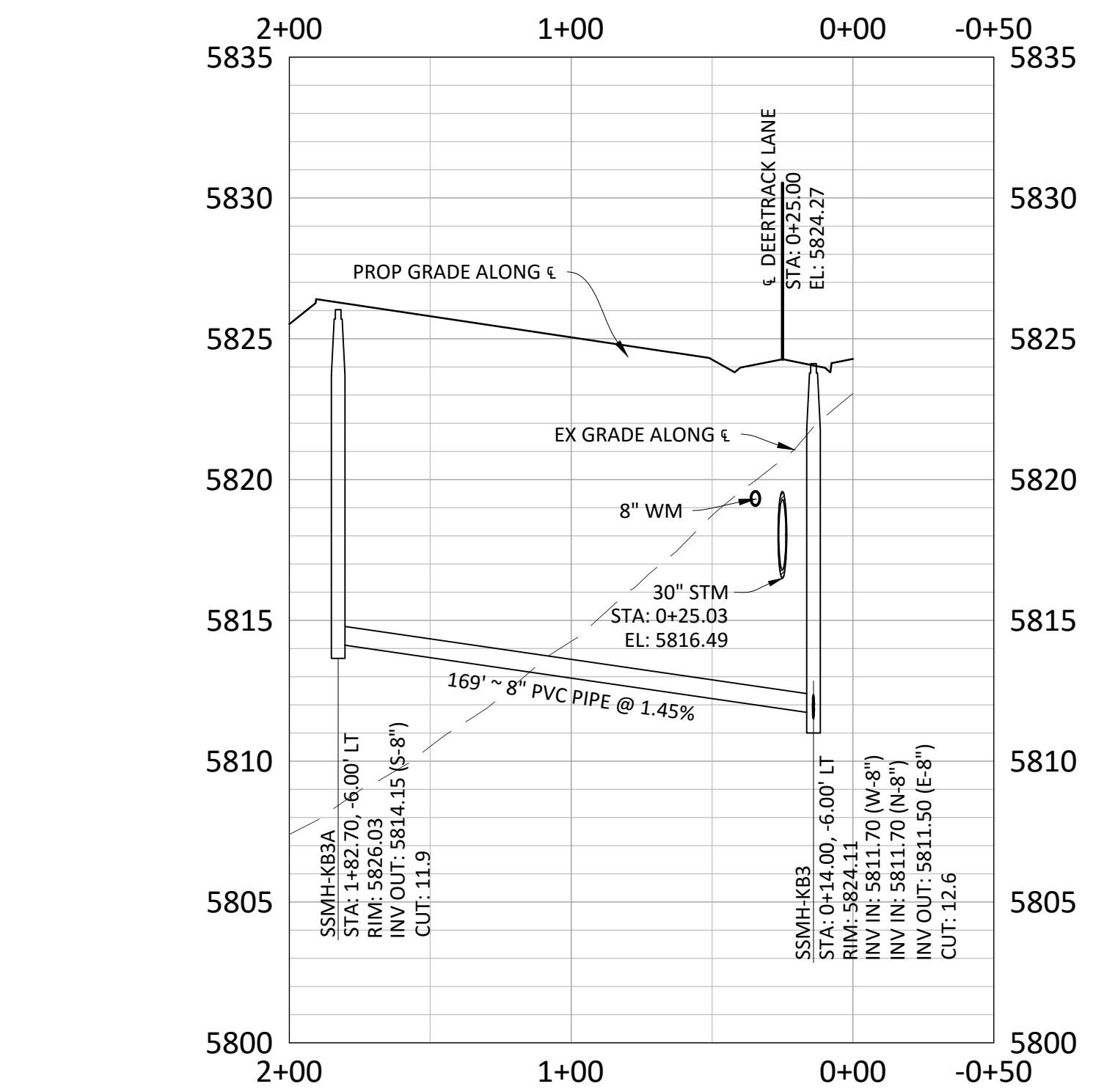
ALLEY 7



ALLEY 8



ALLEY 9



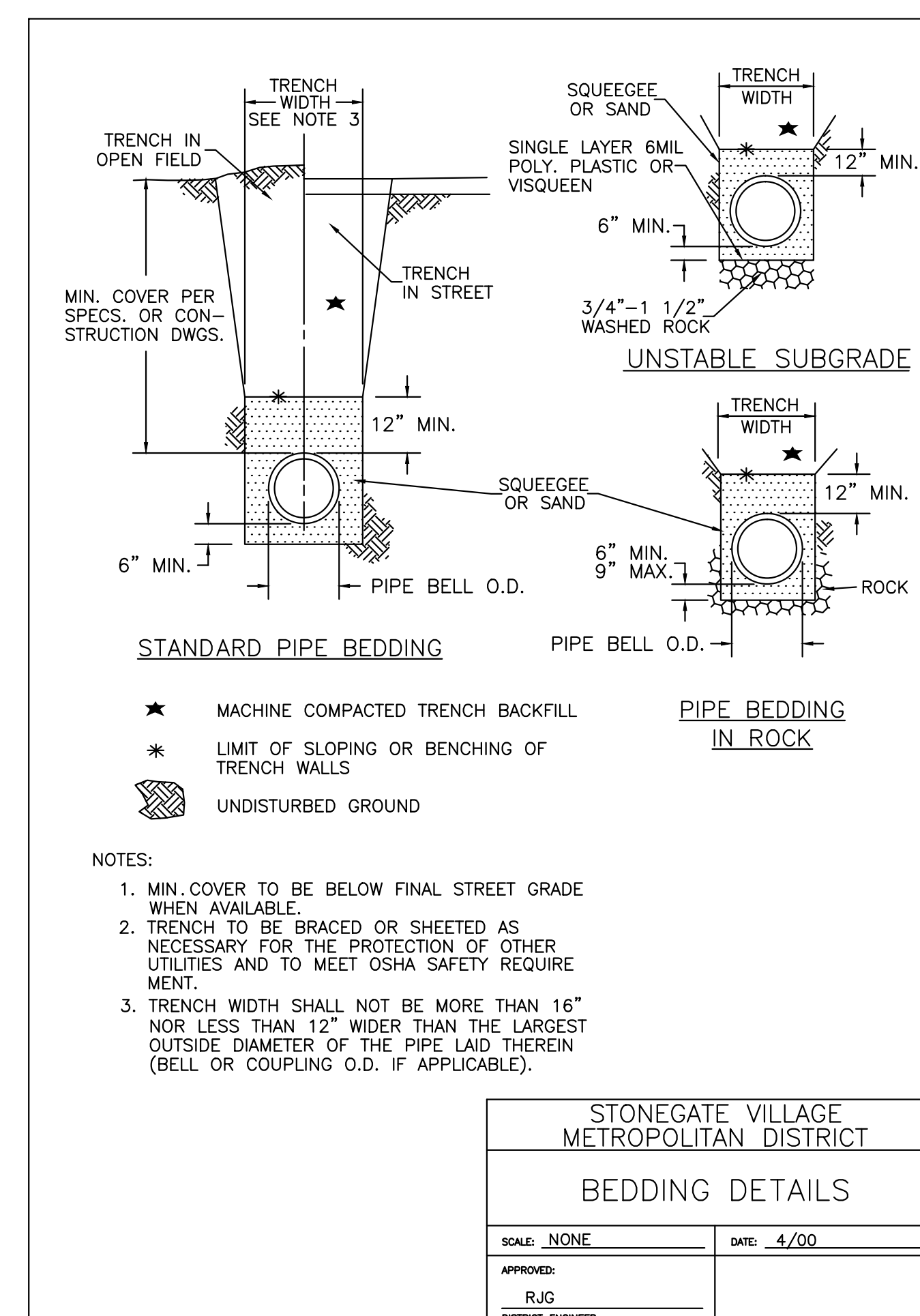
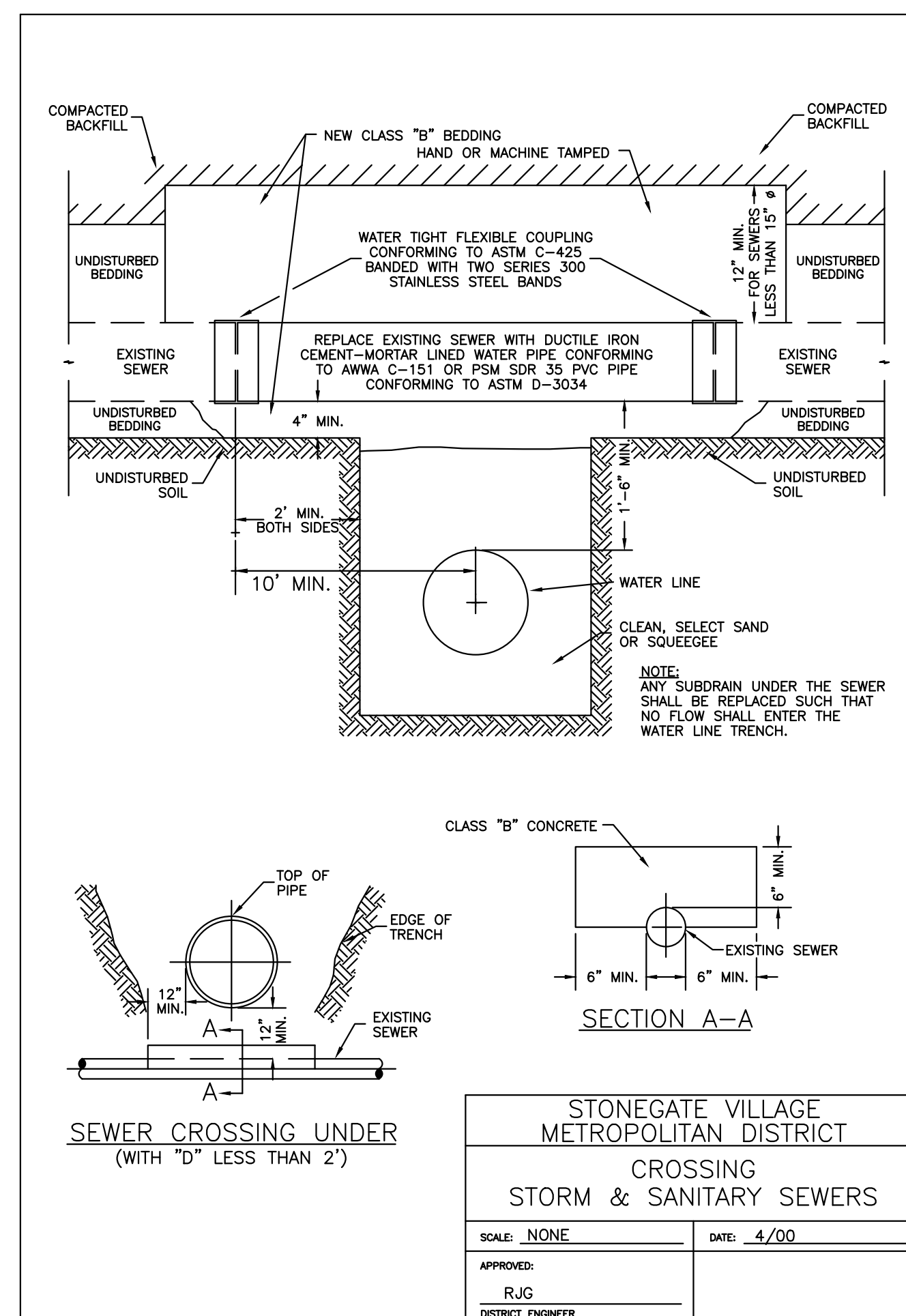
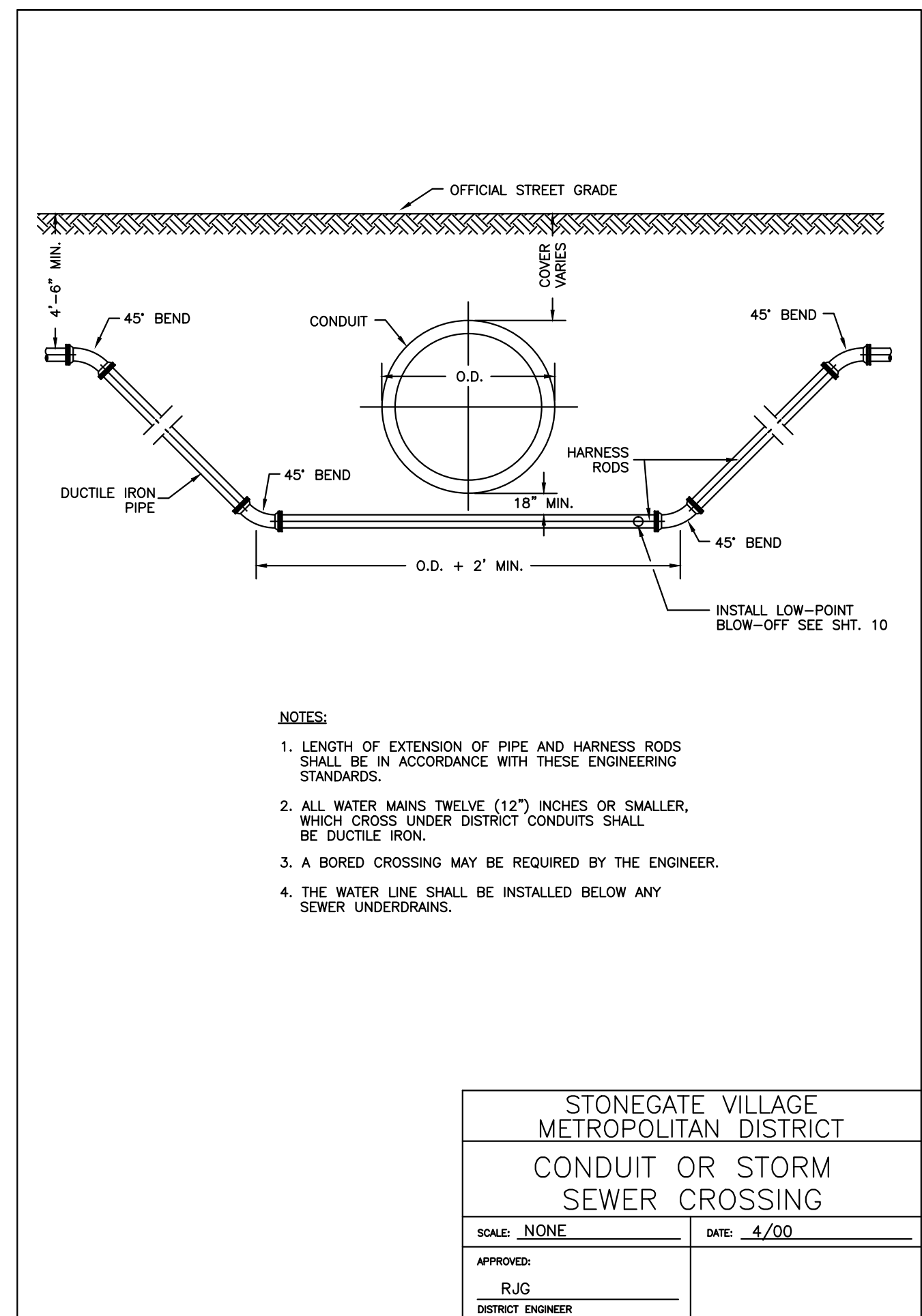
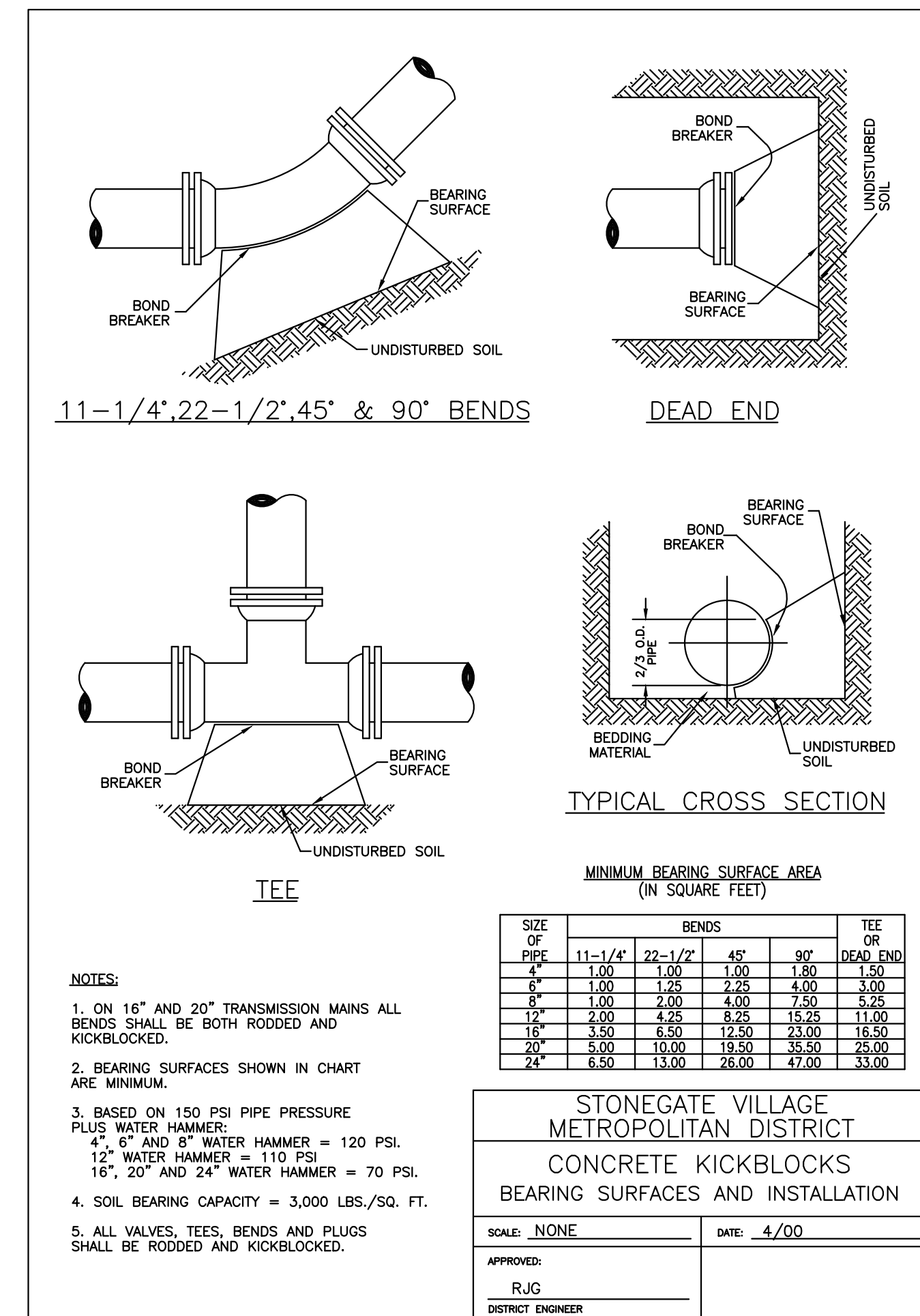
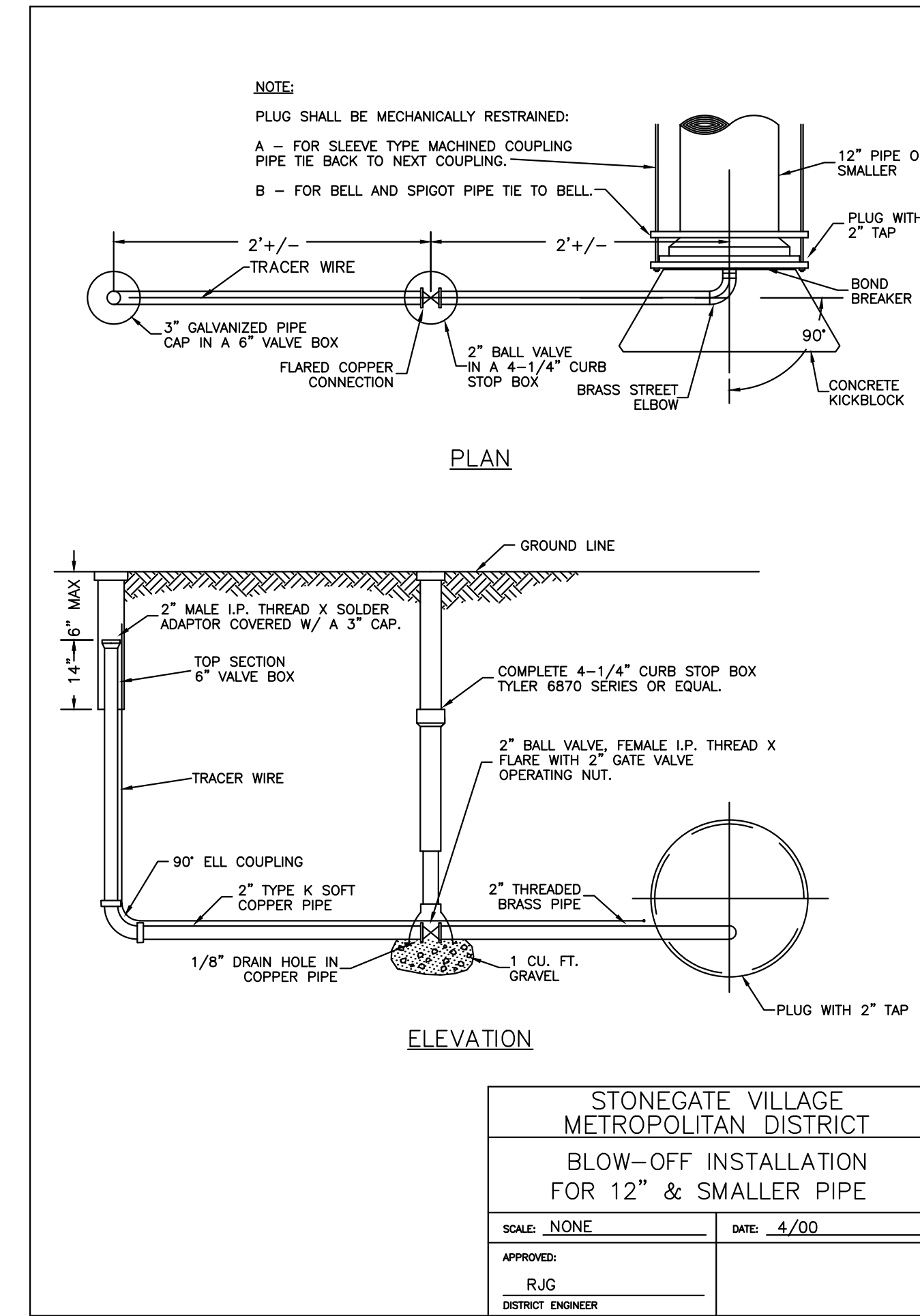
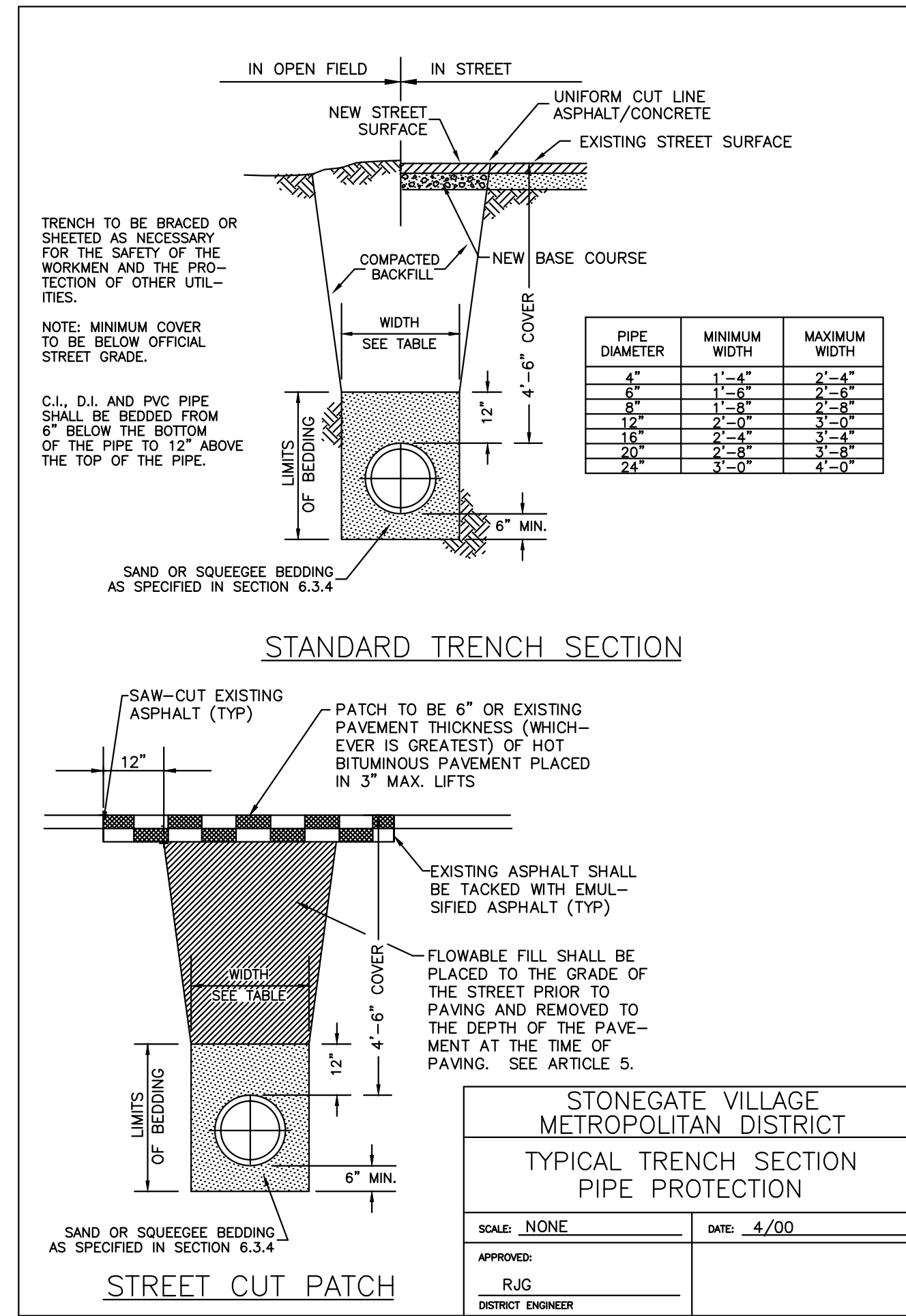
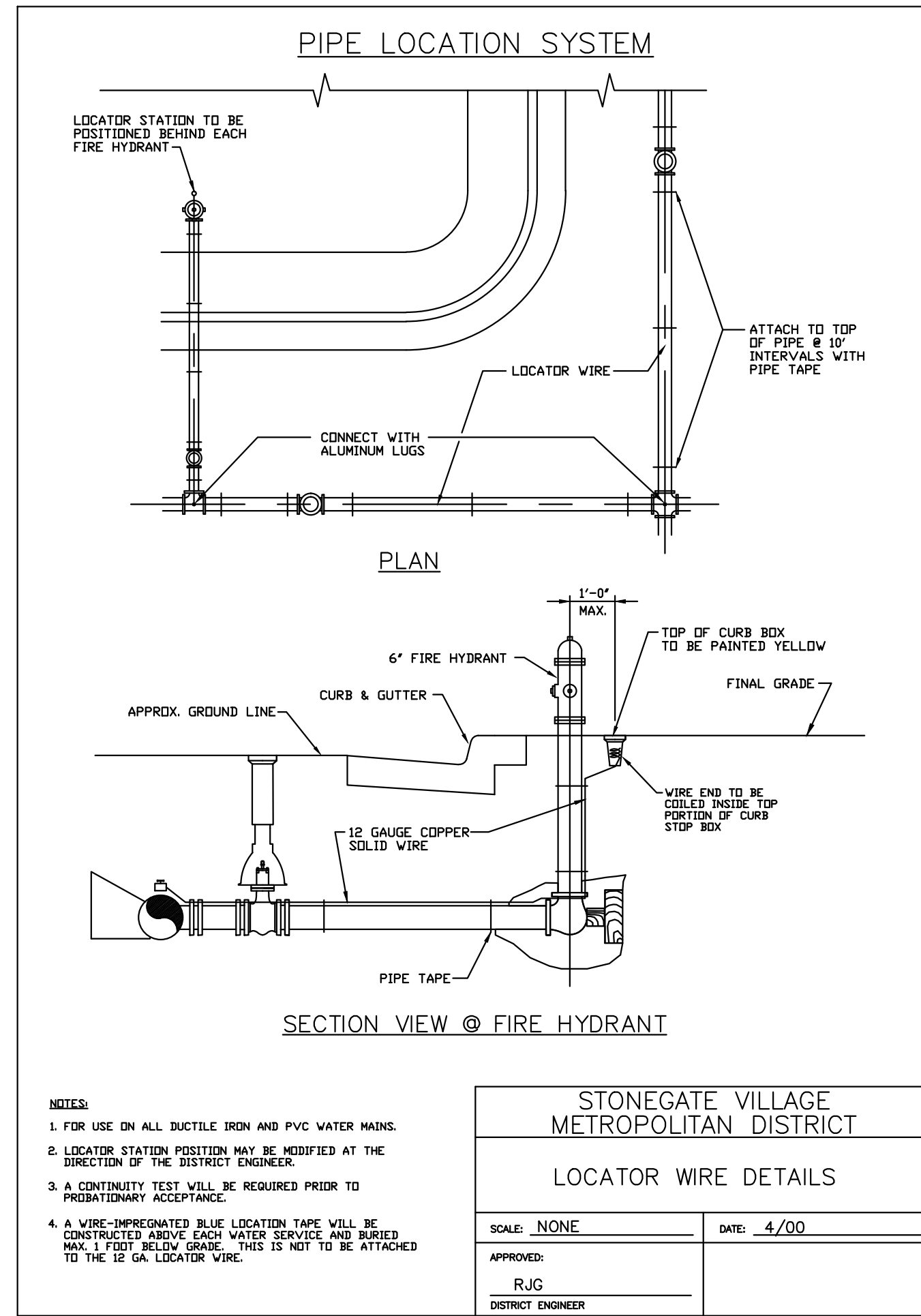
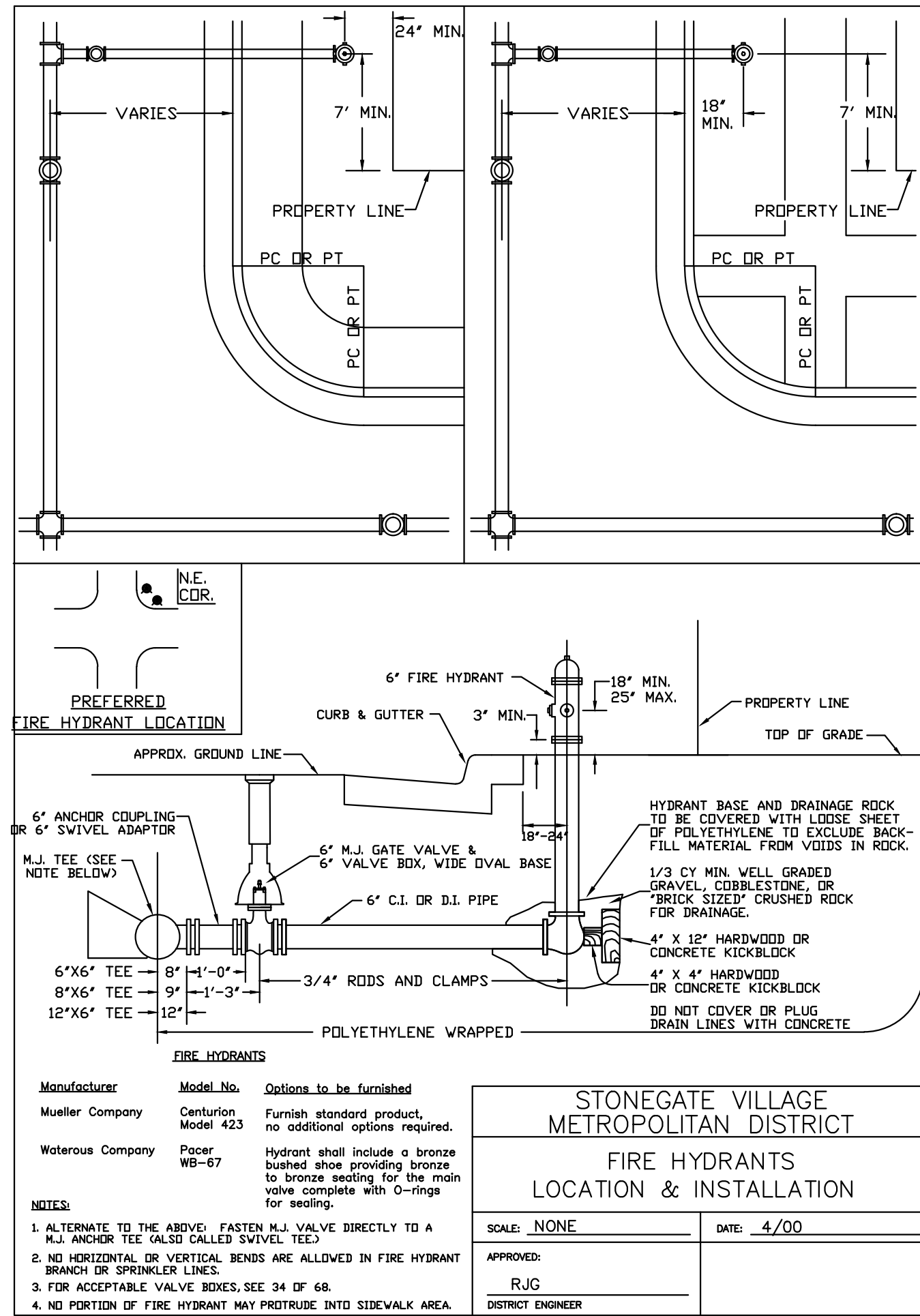
SOURCE BENCHMARKS:
DOUGLAS COUNTY BM 1.115010
A DOUGLAS COUNTY GIS MONUMENT SET IN CONCRETE LOCATED APPROXIMATELY 130 FEET SOUTHWESTERLY OF THE CENTERLINE OF CHAMBERS ROAD AND 95 FEET NORTHWESTERLY OF THE CENTERLINE OF COMPARK BOULEVARD. ELEVATION = 5752.84 (NAVD 88)

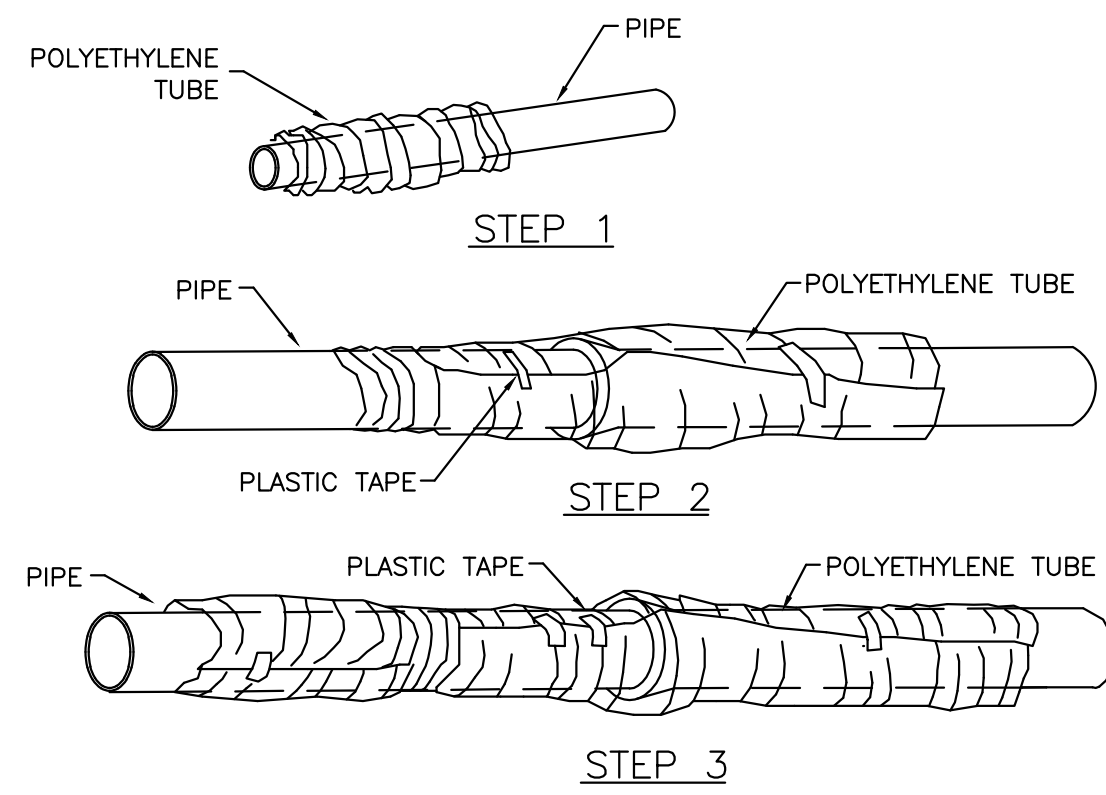
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COMPARK VILLAGE SOUTH FILING NO. 2 - PHASE I
TOWN OF PARKER, COLORADO
SANITARY SEWER PLAN AND PROFILE - ALLEY 7-9

PROJ. MGR.: RIM
PROJ. ASSOC.: RAK
DRAWN BY: RAK
DATE: 10/2016
SHEET
11 OF **14**
CLCPKC3

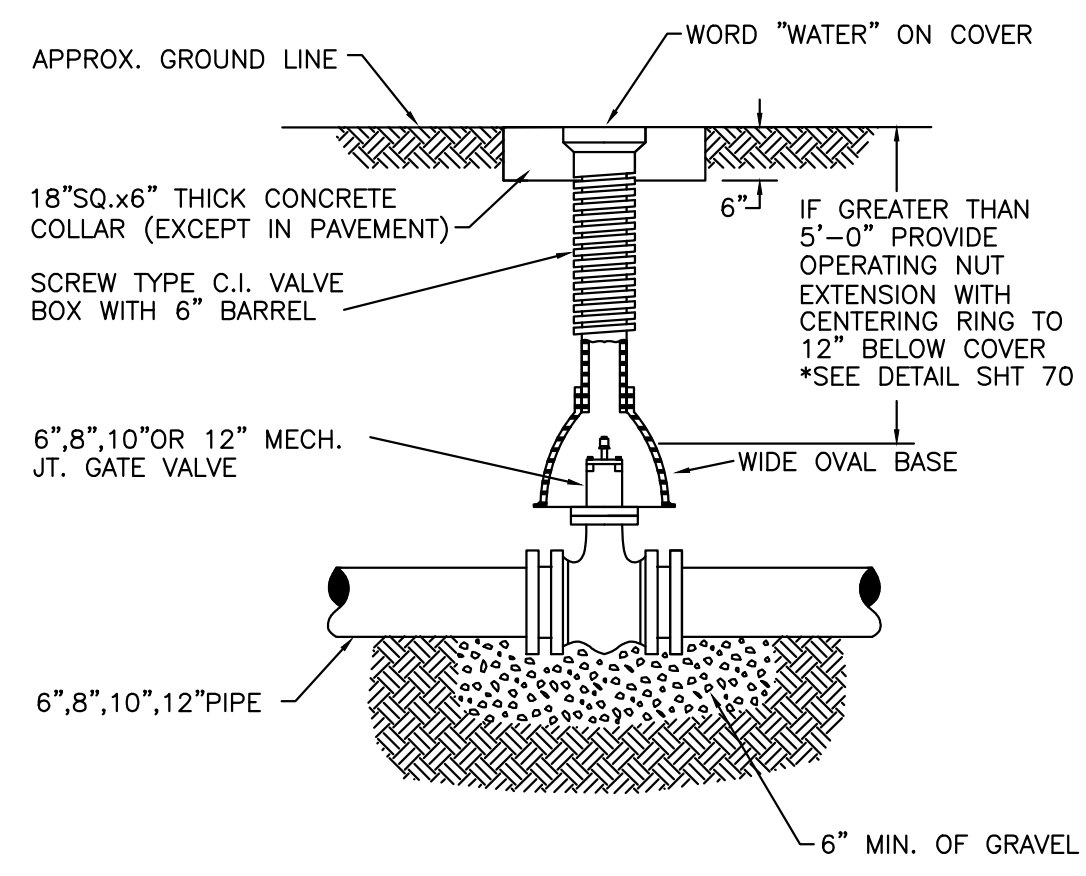




FIELD INSTALLATION - POLYETHYLENE WRAP

- STEP 1 - PLACE TUBE OF POLYETHYLENE MATERIAL ON PIPE PRIOR TO LOWERING IT INTO TRENCH.
- STEP 2 - PULL THE TUBE OVER THE LENGTH OF THE PIPE. TAPE TUBE TO PIPE AT JOINT. FOLD MATERIAL AROUND THE ADJACENT SPIGOT END AND WRAP WITH TAPE TO HOLD THE PLASTIC TUBE IN PLACE.
- STEP 3 - OVERLAP FIRST TUBE WITH ADJACENT TUBE AND SECURE WITH PLASTIC ADHESIVE TAPE. THE POLYETHYLENE TUBE MATERIAL COVERING THE PIPE SHALL BE LOOSE. EXCESS MATERIAL SHALL BE NEATLY DRAWN UP AROUND THE PIPE BARREL, FOLDED ON TOP OF PIPE AND TAPPED IN PLACE.

STONEGATE VILLAGE METROPOLITAN DISTRICT	
POLYETHYLENE WRAP	
SCALE: NONE	DATE: 4/00
APPROVED: R/JG	DISTRICT ENGINEER

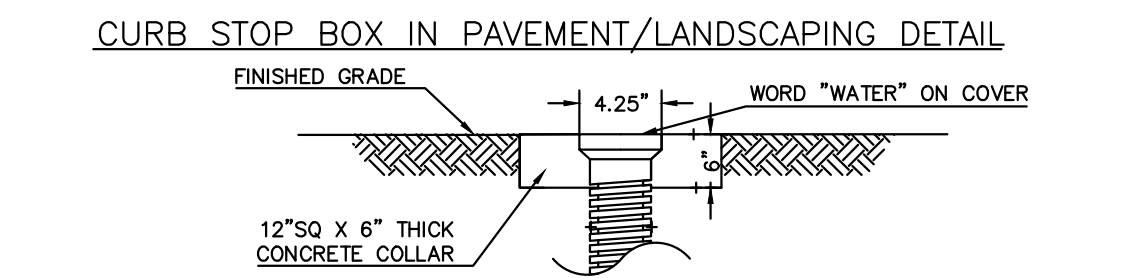
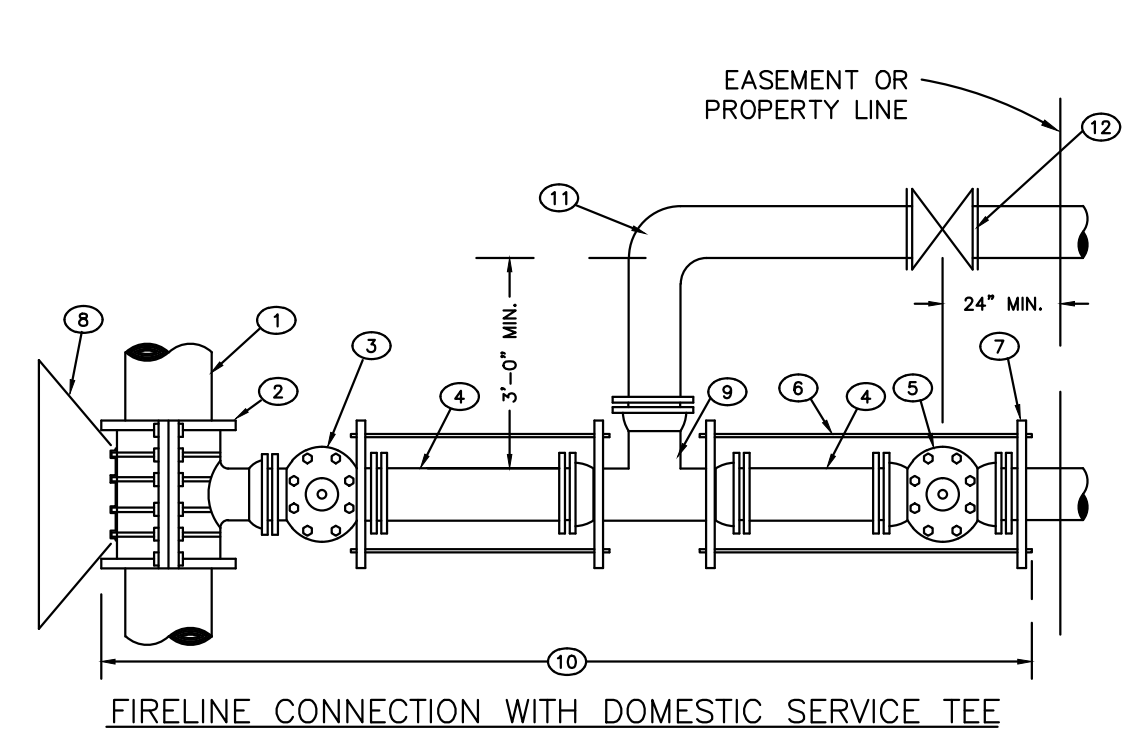


Materials:
Valve box parts shall be made from gray cast iron, ASTM A48 Class 20A. Use of an aluminum alloy as a casting material is not acceptable.

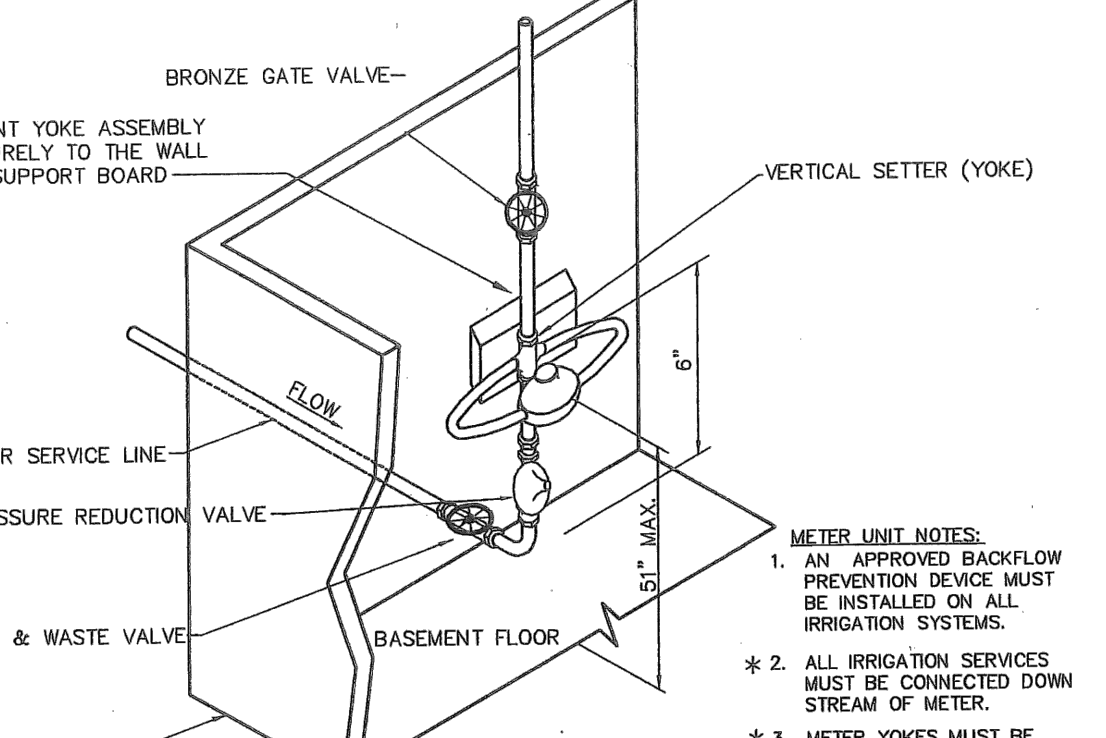
Approved Patterns:
Valve boxes shall be the three-piece adjustable screw type and the following two patterns are acceptable.

1. Tyler screw-type 6-inch cast iron valve box assembly series 6860 with No. 160 oval base.
2. Clay and Bailey screw-type 6-inch cast iron valve box assembly No. P-108 with No. 160 large oval base.

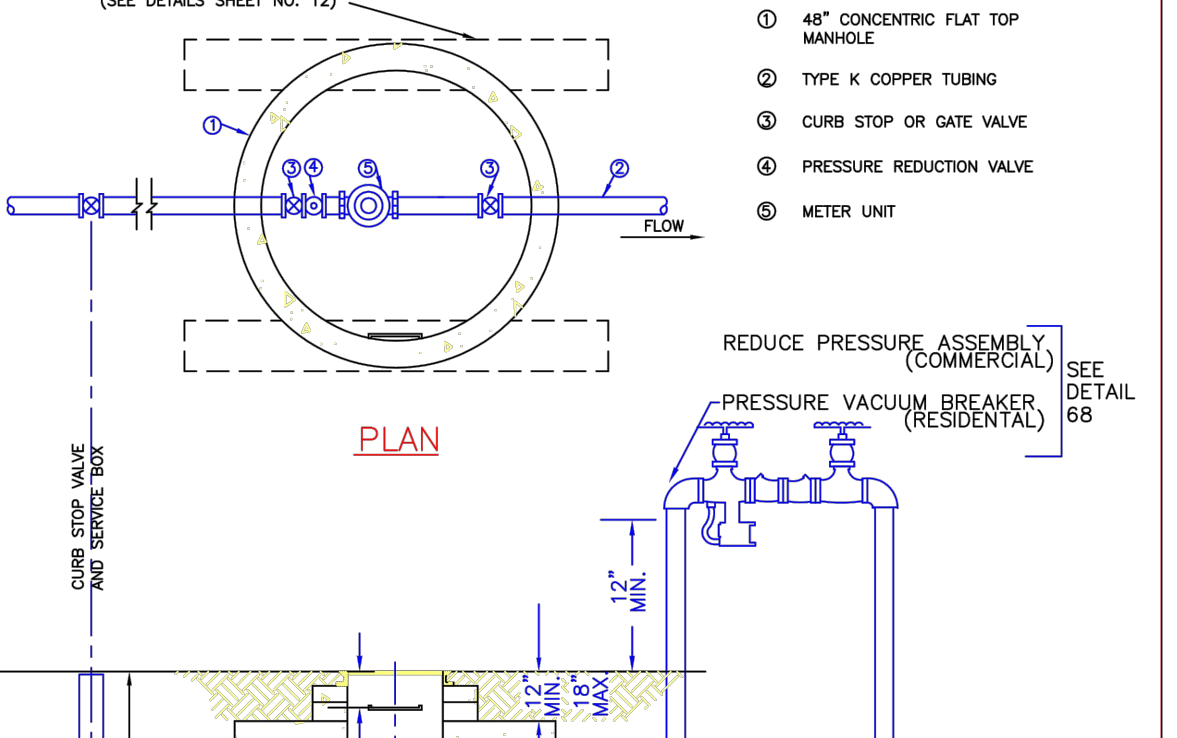
STONEGATE VILLAGE METROPOLITAN DISTRICT	
VALVE BOX DETAIL	
SCALE: NONE	DATE: 4/00
APPROVED: R/JG	DISTRICT ENGINEER



STONEGATE VILLAGE METROPOLITAN DISTRICT	
COMBINATION FIRE/SERVICE TAP	
SCALE: NONE	DATE: 4/00
APPROVED: R/JG	DISTRICT ENGINEER



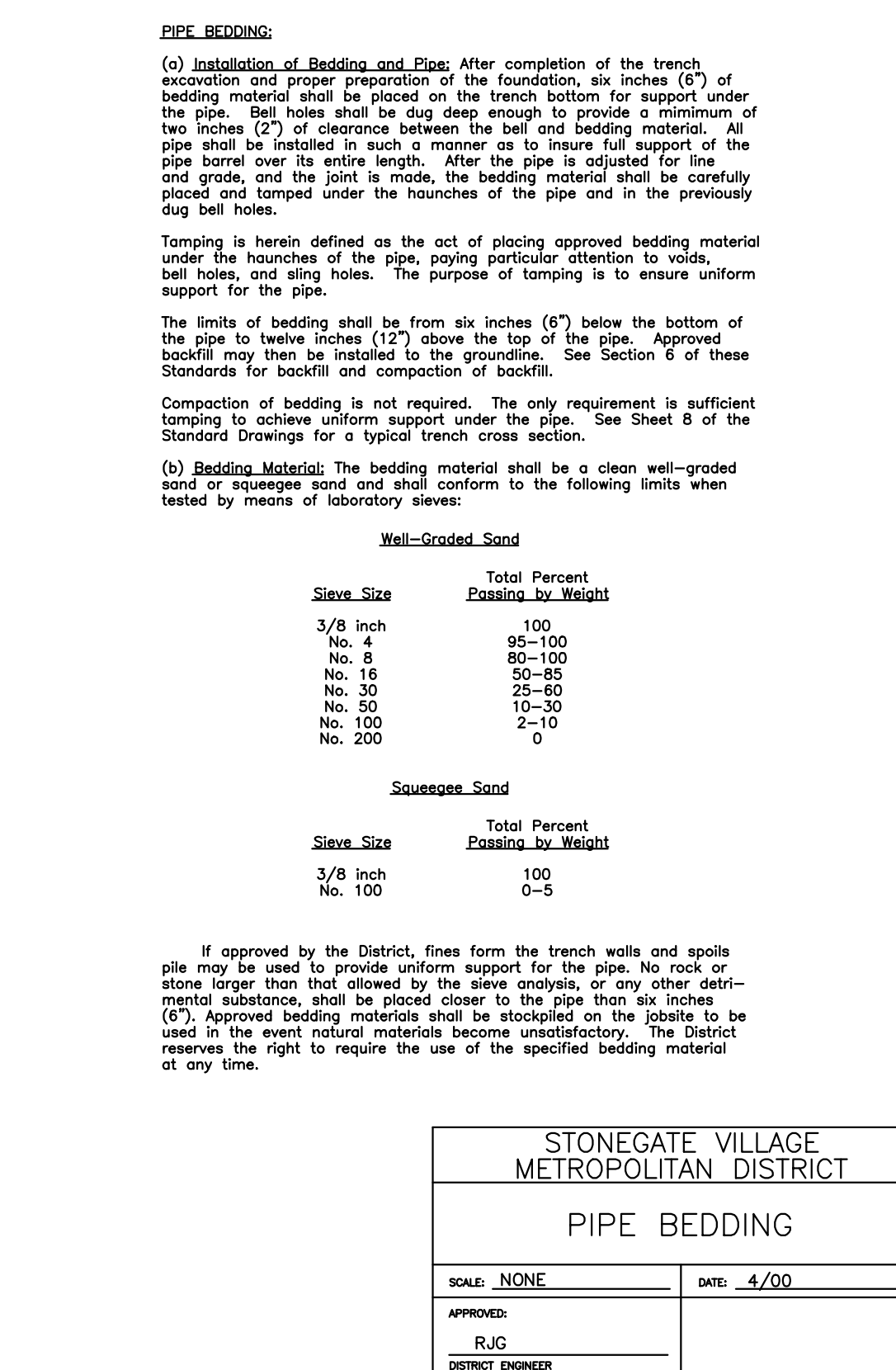
STONEGATE VILLAGE METROPOLITAN DISTRICT	
SERVICE LINE, STOP BOX & INSIDE METER SETTING	
SCALE: NONE	DATE: 4/00
APPROVED: R/JG	DISTRICT ENGINEER



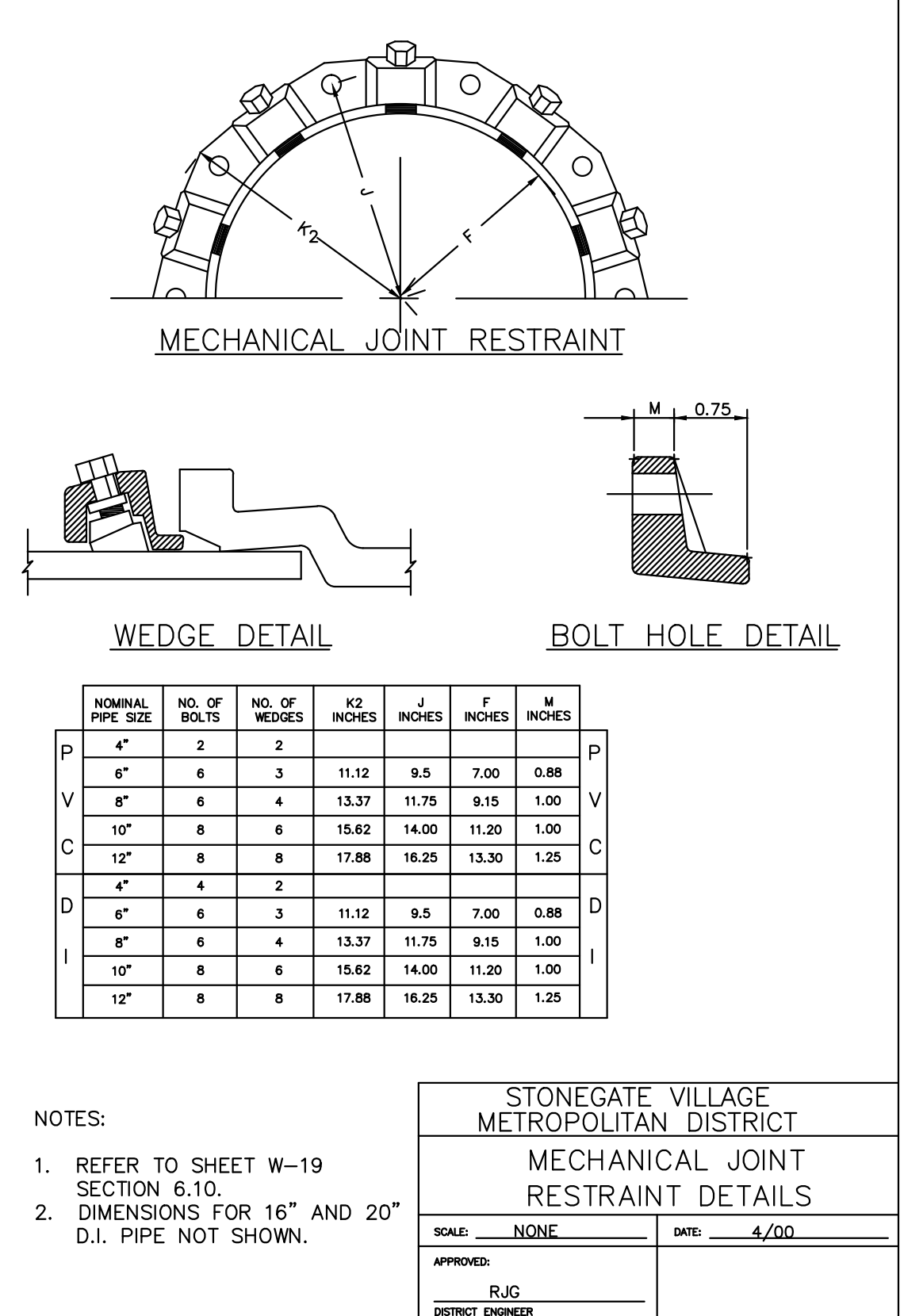
STONEGATE VILLAGE METROPOLITAN DISTRICT	
OUTSIDE SETTING FOR 1 1/2\"/>	
SCALE: NONE	DATE: 4/00
APPROVED: R/JG	DISTRICT ENGINEER

PIPE SIZE	4"		6"		8"		10"		12"		16"		20"		24"	
	D	L	D	L	D	L	D	L	D	L	D	L	D	L	D	L
3/4" VALVE	8.0"	13.0"	10.0"	13.0"	12.0"	13.0"	14.0"	15.0"	16.0"	17.0"	18.0"	19.0"	20.0"	21.0"	22.0"	23.0"
1" VALVE	8.0"	13.0"	10.0"	13.0"	12.0"	13.0"	14.0"	15.0"	16.0"	17.0"	18.0"	19.0"	20.0"	21.0"	22.0"	23.0"
1 1/2" VALVE	8.0"	13.0"	10.0"	13.0"	12.0"	13.0"	14.0"	15.0"	16.0"	17.0"	18.0"	19.0"	20.0"	21.0"	22.0"	23.0"
2" VALVE	8.0"	13.0"	10.0"	13.0"	12.0"	13.0"	14.0"	15.0"	16.0"	17.0"	18.0"	19.0"	20.0"	21.0"	22.0"	23.0"
2 1/2" VALVE	8.0"	13.0"	10.0"	13.0"	12.0"	13.0"	14.0"	15.0"	16.0"	17.0"	18.0"	19.0"	20.0"	21.0"	22.0"	23.0"
3" VALVE	8.0"	13.0"	10.0"	13.0"	12.0"	13.0"	14.0"	15.0"	16.0"	17.0"	18.0"	19.0"	20.0"	21.0"	22.0"	23.0"
4" VALVE	8.0"	13.0"	10.0"	13.0"	12.0"	13.0"	14.0"	15.0"	16.0"	17.0"	18.0"	19.0"	20.0"	21.0"	22.0"	23.0"

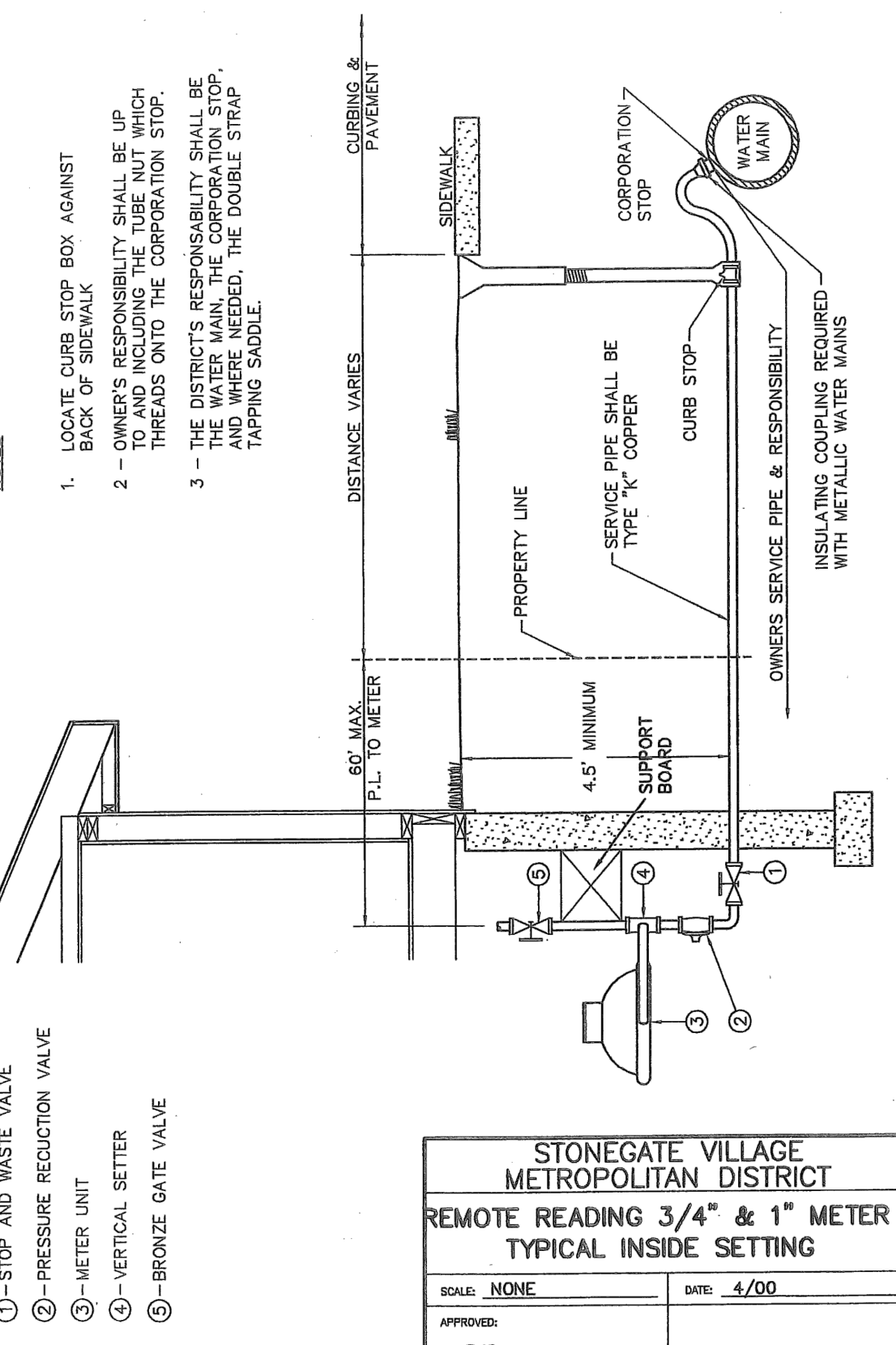
STONEGATE VILLAGE METROPOLITAN DISTRICT	
LENGTH OF TIED PIPE	
SCALE: NONE	DATE: 4/00
APPROVED: R/JG	DISTRICT ENGINEER



STONEGATE VILLAGE METROPOLITAN DISTRICT	
PIPE BEDDING	
SCALE: NONE	DATE: 4/00
APPROVED: R/JG	DISTRICT ENGINEER



STONEGATE VILLAGE METROPOLITAN DISTRICT	
MECHANICAL JOINT RESTRAINT DETAILS	
SCALE: NONE	DATE: 4/00
APPROVED: R/JG	DISTRICT ENGINEER



STONEGATE VILLAGE METROPOLITAN DISTRICT	
REMOTE READING 3/4" & 1" METER TYPICAL INSIDE SETTING	
SCALE: NONE	DATE: 4/00
APPROVED: R/JG	DISTRICT ENGINEER

Manhard CONSULTING LTD

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Construction Managers • Environmental Scientists • Landscaping Architects • Planners

COMPARK VILLAGE SOUTH FILING NO. 2 - PHASE I

TOWN OF PARKER, COLORADO

WATER SYSTEM CONSTRUCTION DETAILS

PROJ. MGR.: RJM

PROJ. ASSOC.: RAK

DRAWN BY: RAK

DATE: 10/2016

SHEET

14 OF 14

CLCPKC3