

SVMD SANITARY SEWER AND WATER CONSTRUCTION PLANS FOR COMPARK VILLAGE SOUTH FILING NO. 2 - AMENDMENT NO. 1 PARKER, COLORADO

AGENCY CONTACT LIST

470 COMPARK, LLC MICHAEL VICKERS 1001 BANNOCK STREET, SUITE #240 DENVER, CO 80204	303-881-6292
MANHARD CONSULTING RICK J. MOORE, P.E. 8008 E ARAPAHOE COURT, SUITE 110 CENTENNIAL, CO 80112	303-708-0500
PARKER PUBLIC WORKS 20120 E. MAIN STREET PARKER, CO, 80138 STREETS - ALEX MESTDAGH STORM WATER - JACOB JAMES EROSION CONTROL - KURT PATRICK LIFE SAFETY - RANDY CARPRA	303-840-9546
TOWN OF PARKER POLICE DEPARTMENT 13600 E. PARKER SQUARE DR. PARKER, CO, 80134	303-841-9800
PARKER BUILDING DEPT 20120 E. MAIN STREET PARKER, CO, 80138 LIFE SAFETY - RANDY CARPRA	303-805-3169
STONEGATE VILLAGE METROPOLITAN DISTRICT DISTRICT ENGINEER SCOTT BARNETT 303-649-9857 MULHERN MRE, INC. 188 INVERNESS DRIVE WEST, SUITE 140 ENGLEWOOD, CO 80112	303-649-9857
DISTRICT MANAGER: SARAH SJOBAKKEN 10252 STONEGATE PARKWAY PARKER, CO 80134	303-858-9909
SOUTH METRO FIRE RESCUE AUTHORITY MICHELLE HERIAN 9195 E. MINERAL AVE. CENTENNIAL, CO 80112	720-488-7200
UTILITY NOTIFICATION COMPANY OF COLORADO 2801 SOUTH YOUNGFIELD ST, SUITE 301 GOLDEN, CO 80401 LOCAL CALLS	1-800-922-1987 (811)
XCEL ENERGY MICHELLE O'NAN 5909 E. 38TH AVE. DENVER, CO 80207	303-329-1618
QWEST WILLIAM BENSON 9750 E. COSTILLA AVE. ENGLEWOOD, CO 80112	720-490-3867
COMCAST KEVIN YOUNG 6850 S. TUCSON WAY ENGLEWOOD, CO 80112	303-792-6069
COLORADO DEPARTMENT OF HEALTH 4210 E. 11TH AVE. DENVER, CO 80220	303-320-8333
INTERMOUNTAIN RURAL ELECTRIC ASSOCIATION BROOKS KAUFMAN 5495 NORTH US HWY 85 P.O. BOX DRAWER A SEDALIA, CO 80135	303-688-3100

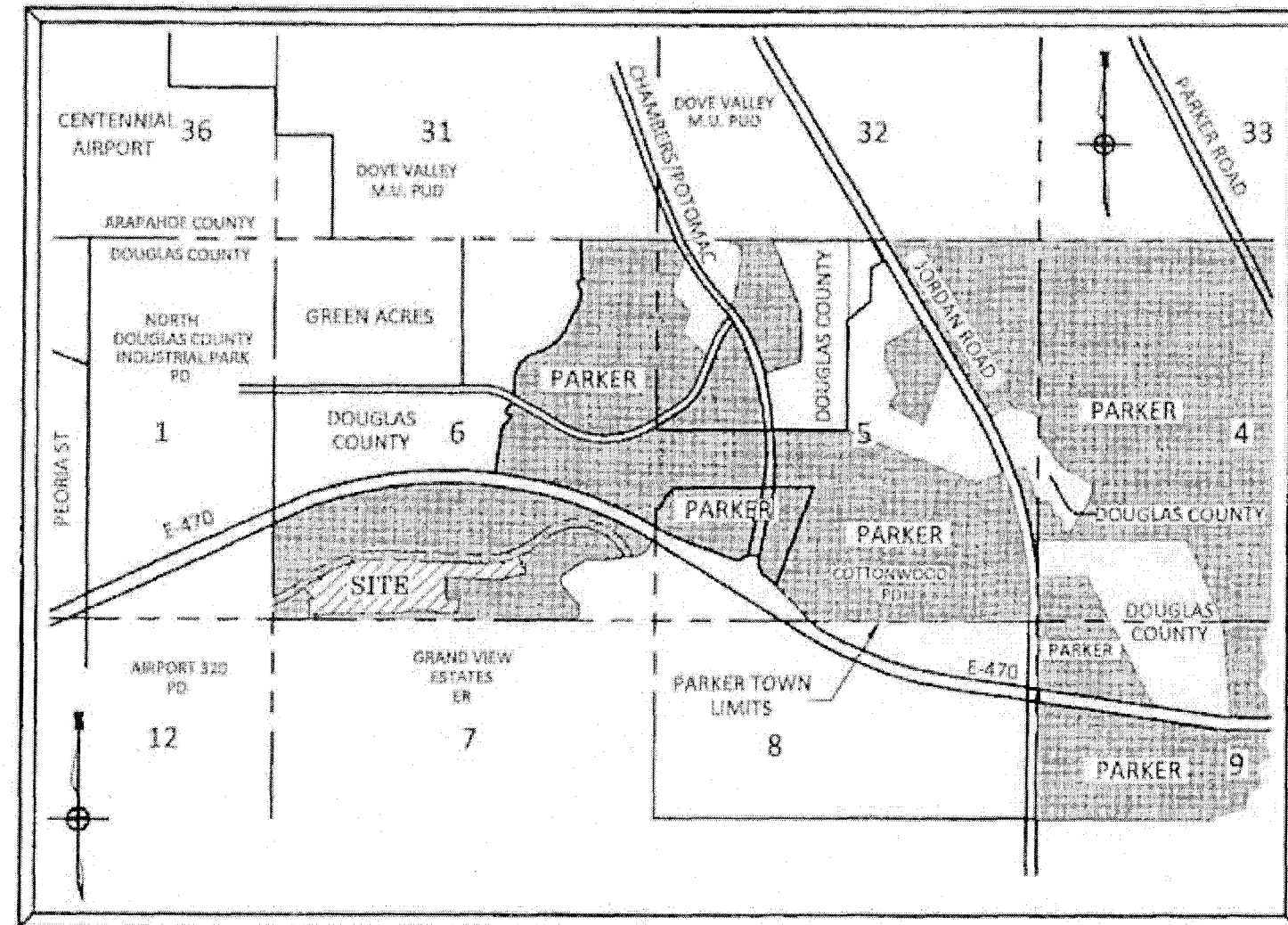
BENCHMARKS: (COMPARK SOUTH)

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)

SITE BENCHMARKS:
1. A NO. 5 REBAR WITH 2" ALUMINUM CAP STAMPED "1S 28286, 2001" FOUND AT THE SOUTHEAST CORNER OF SECTION 6, T6S, R66W LOCATED ON THE WEST LINE OF FIRST STREET APPROXIMATELY 1000 FEET NORTH OF ELM AVENUE.
ELEVATION = 5845.51
2. A 1.5" IRON PIPE WITH 3.25" ALUMINUM CAP STAMPED "PLS 12405, 1997" FOUND AT THE SOUTHEAST CORNER OF SECTION 6, T6S, R66W LOCATED APPROXIMATELY 960 FEET NORTH OF THE CENTERLINE OF AVENTERRA PARKWAY AND APPROXIMATELY 1050 FEET WEST OF THE CENTERLINE OF CHAMBERS ROAD.
ELEVATION = 5808.06

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

STONEGATE VILLAGE METRO DISTRICT WATER AND SANITARY SEWER PLAN



VICINITY MAP
N.T.S.

WATER MAIN QUANTITIES

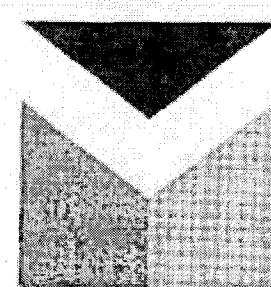
1	8" PVC Water Main	3,152	L.F.
2	8" Gate Valve and Box	16	Each
3	8" Plug w/ BO and KB	3	Each
4	8" x 6" Tee w/ Kick Block	11	Each
5	8" x 8" Tee w/ KB	2	Each
6	8" x 8" Cross w/ KB	1	Each
7	8" 45 Degree Bend w/ KB	1	Each
8	8" 22.5 Degree Bend w/ 8"x6" Reducer and Kick Block	1	Each
9	6" PVC Water Main	1,184	L.F.
10	6" Gate Valve and Box	5	Each
11	6" Plug w/ BO & KB	5	Each
12	Fire Hydrant Assembly	9	Each
13	5" Manhole	2	Each
14	6" Check Valve	2	Each
15	6" Turbine Meter	2	Each
16	Remove Existing 8" Plug and Make Dry Connection	3	Each
17	Air Release	1	Each
18	Water Quality Sampling Station	1	Each

SANITARY SEWER MAIN QUANTITIES

1	8" Sanitary Sewer Main (0-16' Depth)	2,630	L.F.
2	8" Sanitary Sewer Main (>16' Depth)	540	L.F.
3	4' Diameter Manholes (0-20' Depth)	20	Each
4	8" Plug	1	Each
5	Connection to Existing Sanitary Sewer	2	Each

I HEREBY AFFIRM THAT THESE CONSTRUCTION PLANS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION.

FOR AND ON BEHALF OF MANHARD CONSULTING



Manhard
CONSULTING
7000 East Orchard Road, Suite 1504, Greenwood Village, CO 80111 | 303.708.0500 | manhard.com
Civil Engineering | Surveying & Geospatial Services | GIS
Water Resource Management | Construction Management



SHEET INDEX - SVMD DISTRICT PLAN SET

SHEET NUMBER	SHEET TITLE
1	COVER SHEET
2	GENERAL NOTES
3	OVERALL UTILITY PLAN
4	WATER PLAN - WEST
5	WATER PLAN - EAST
6	SANITARY SEWER PLAN AND PROFILE - DEERTRACK LANE
7	SANITARY SEWER PLAN AND PROFILE - BUNNY HOP LANE
8	SANITARY SEWER PLAN AND PROFILE - BUNNY HOP LANE
9	SANITARY SEWER PLAN AND PROFILE - RACCOON TAIL WAY
10	SANITARY SEWER PLAN AND PROFILE - ALLEY 10-12
11	SANITARY SEWER PLAN AND PROFILE - ALLEY 13-15
12	SANITARY SEWER CONSTRUCTION DETAILS
13	WATER SYSTEM CONSTRUCTION DETAILS
14	WATER SYSTEM CONSTRUCTION DETAILS

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.

Scott Barnett 11/24/2020
FIRE CODE OFFICIAL OR DESIGNATED REPRESENTATIVE DATE

(NOTE - UNDERGROUND FIRE LINE (UFL) SUBMITTAL DOCUMENTS MUST MEET THE REQUIREMENT OF NFPA 24 WHEN SUBMITTING FOR REVIEW.

DISTRICT APPROVALS

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

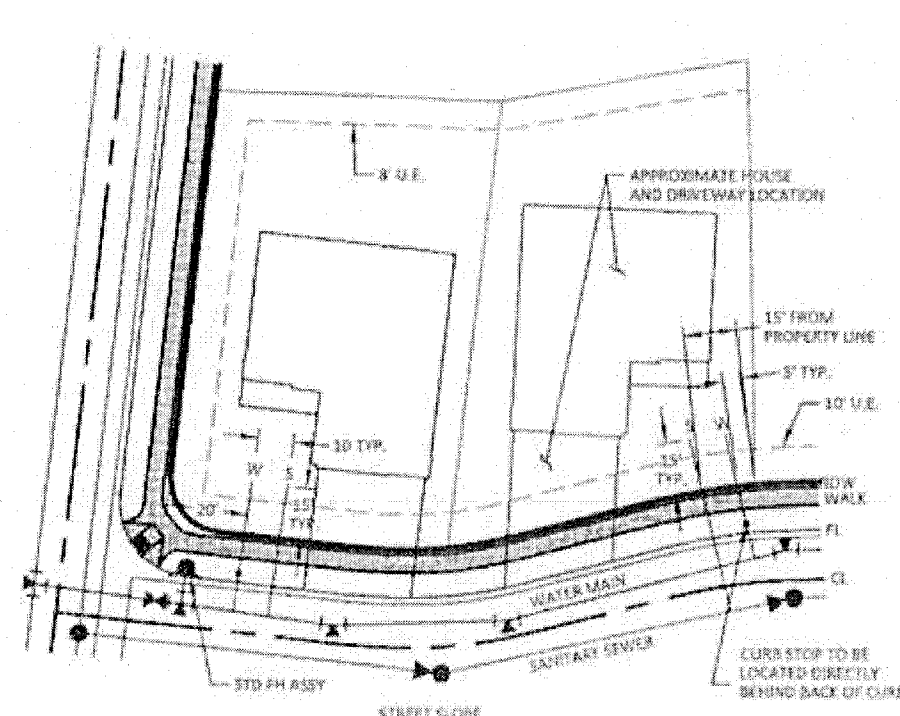
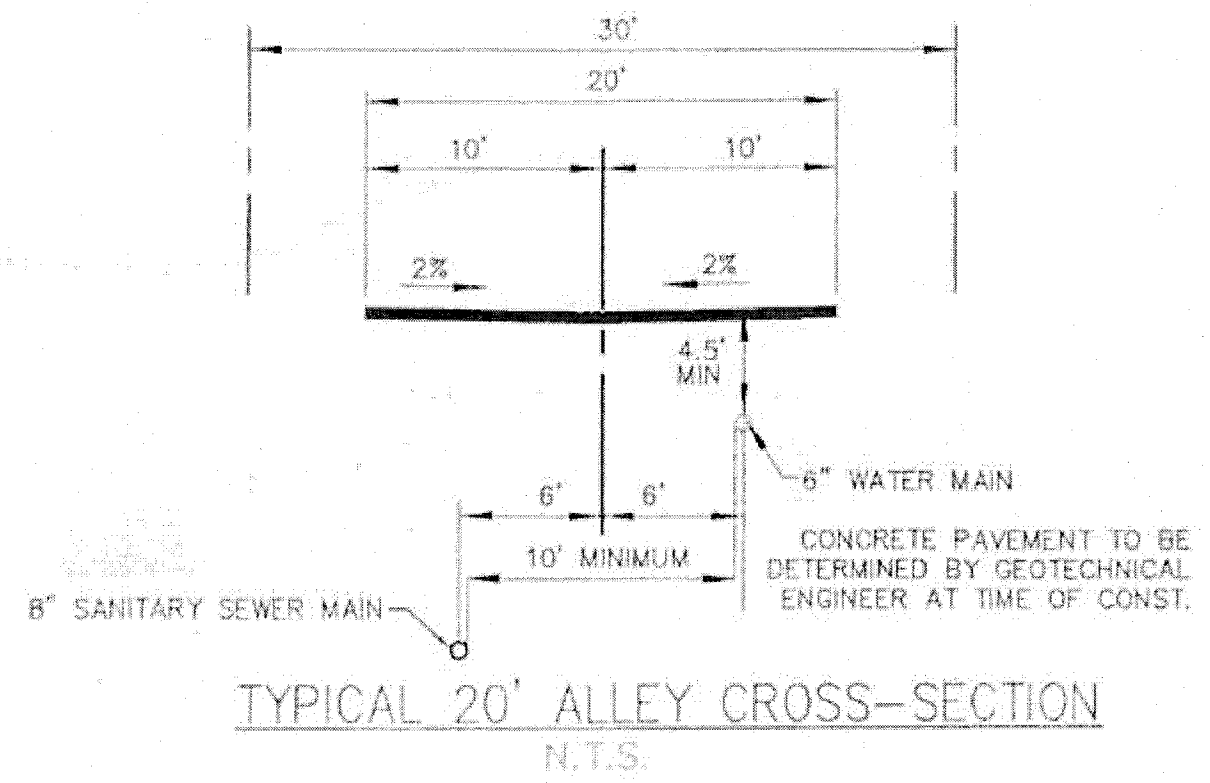
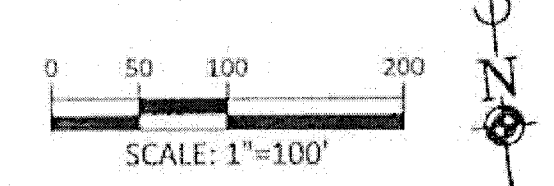
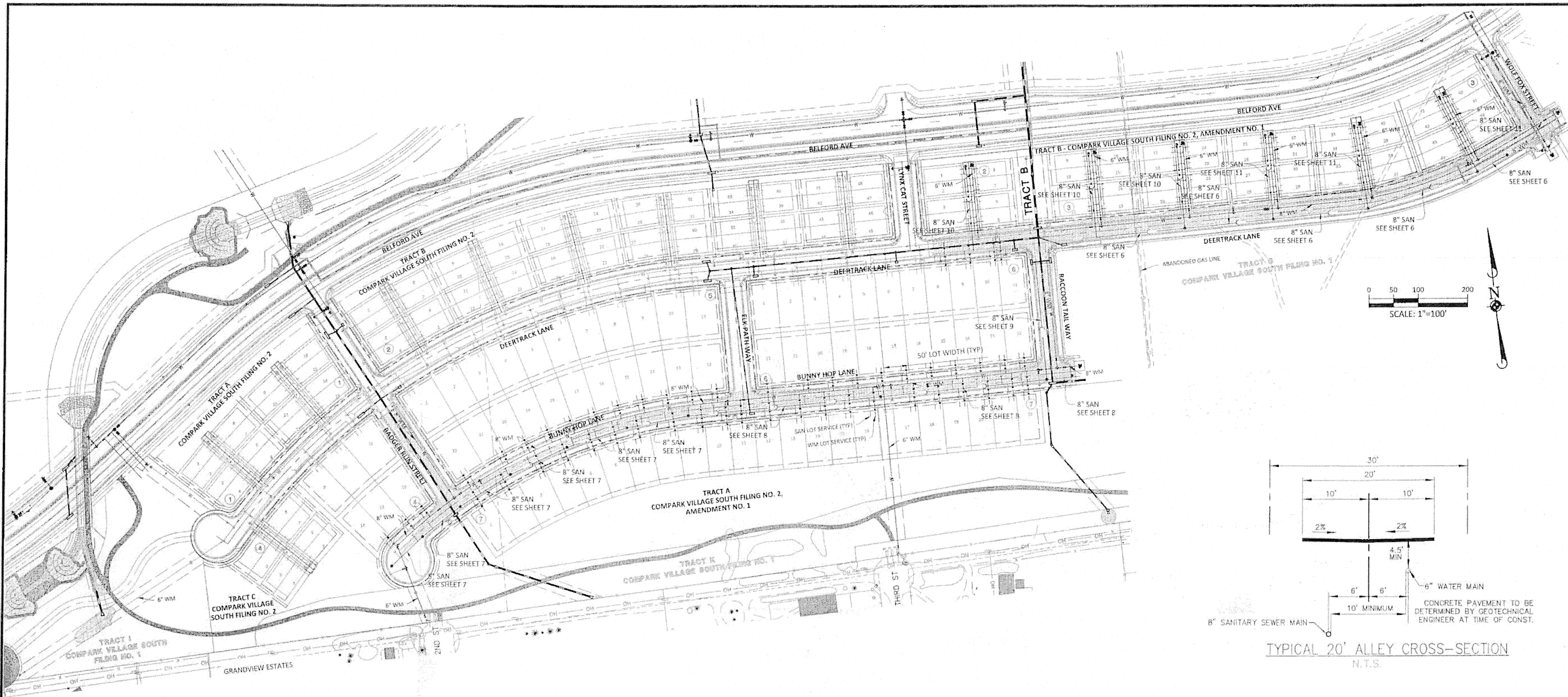
BY *Scott Barnett* 11/23/2020
STONEGATE VILLAGE METROPOLITAN DISTRICT ENGINEER DATE
BY *Scott Barnett* 11/23/2020
STONEGATE VILLAGE METROPOLITAN DISTRICT MANAGER DATE

COMPARK VILLAGE SOUTH FILING NO. 2 - AMENDMENT NO. 1
TOWN OF PARKER, COLORADO
COVER SHEET

SHEET
1 OF 14
CLCPK3

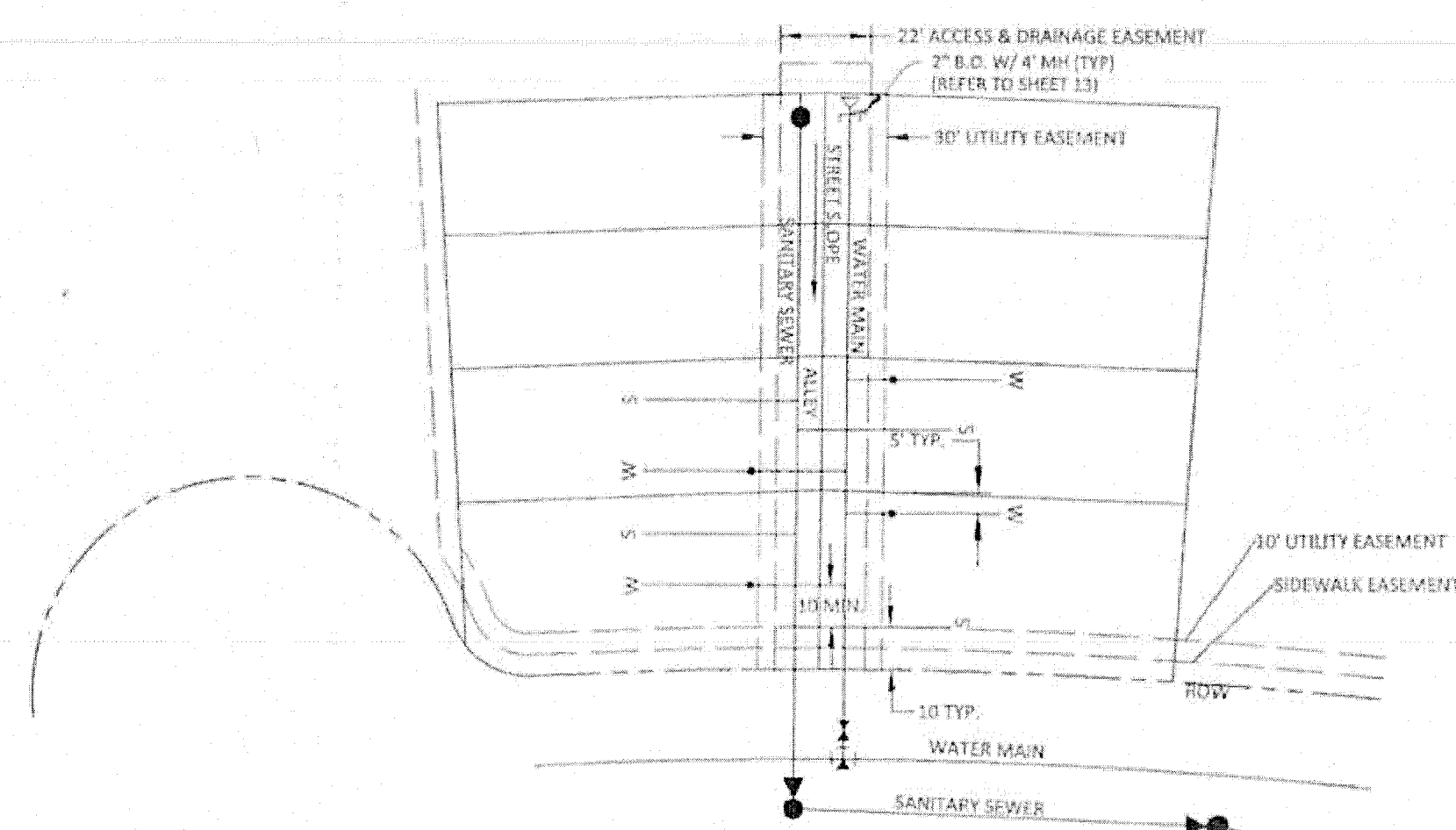
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Civil Engineering | Surveying & Geospatial Services | GIS
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DATE	
ISSUED FOR REVIEW COMMENTS	
DATE	
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TYPICAL SINGLE FAMILY LOT SERVICE DETAIL
N.T.S.

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



TYPICAL DUPLEX LOT SERVICE DETAIL
N.T.S.

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

TOWN OF PARKER APPROVALS

The Town of Parker review constitutes general compliance with the Town's Standards and approved variances, subject to these plans being stamped, signed, and dated by the professional engineer of record. Review by the Town does not constitute approval of the plan design or accuracy and correctness of engineering calculations. Errors in the design or calculations remain the responsibility of the registered professional engineer whose stamp and signature are affixed to this document.

This review does not constitute approval of any private on-site improvements which may be shown. Construction cannot commence until all required drainage/traffic report(s), final development plan(s), special review(s), grading permit, and/or other permits are complete, approved and on file with the Town of Parker.

[Signature]
Town of Parker, Director of Engineering

02/24/2021
Date

TOWN OF PARKER BUILDING DEPT FIRE LIFE SAFETY APPROVAL

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[Signature] 11/24/2020
FIRE CODE OFFICIAL OR DESIGNATED REPRESENTATIVE DATE

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

BY *[Signature]* 11/23/2020
STONEGATE VILLAGE METROPOLITAN DISTRICT ENGINEER DATE

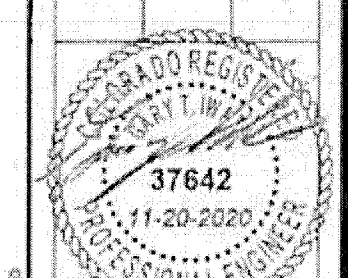
BY *[Signature]* 11/23/2021
STONEGATE VILLAGE METROPOLITAN DISTRICT MANAGER DATE

DATE	REVISIONS
11/20/20	REVISED PER VAND COMMENTS
07/20/21	FINAL SUBMITTAL
06/20/21	REVISED ALLEY EASEMENTS
02/24/21	REVISED PER VAND COMMENTS

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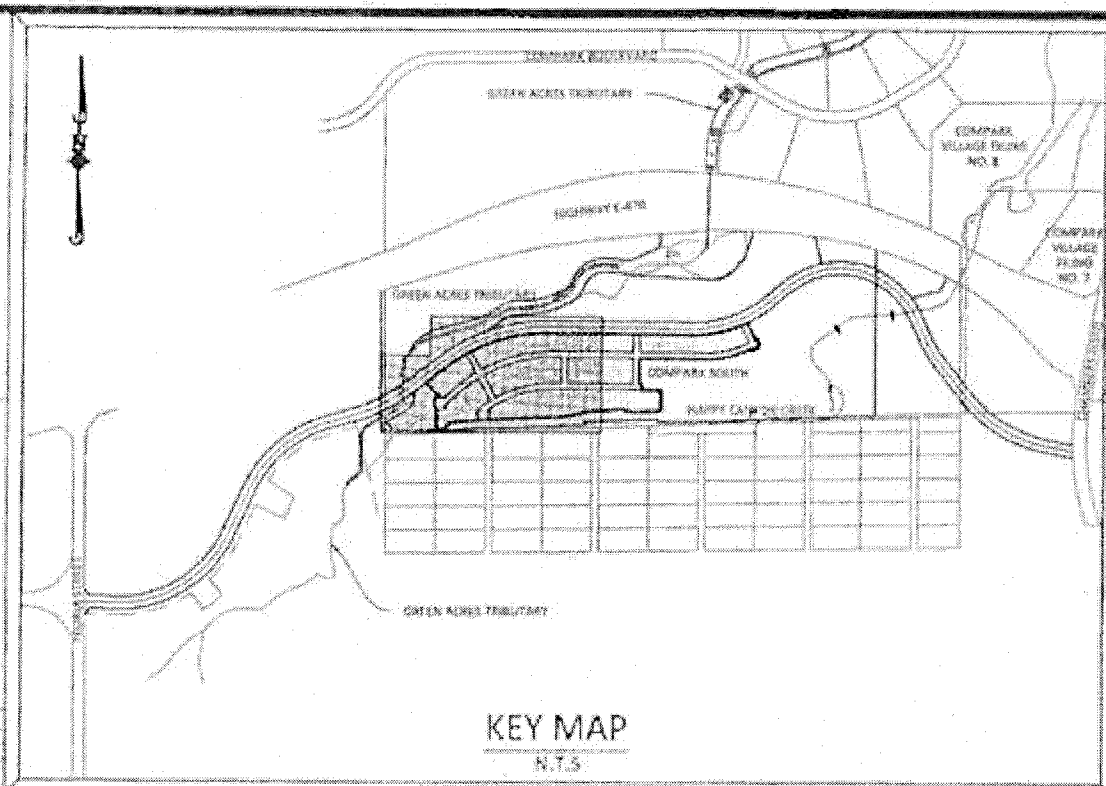
COMPARK VILLAGE SOUTH FILING NO. 2 - AMENDMENT NO. 1
 TOWN OF PARKER, COLORADO
 OVERALL UTILITY PLAN



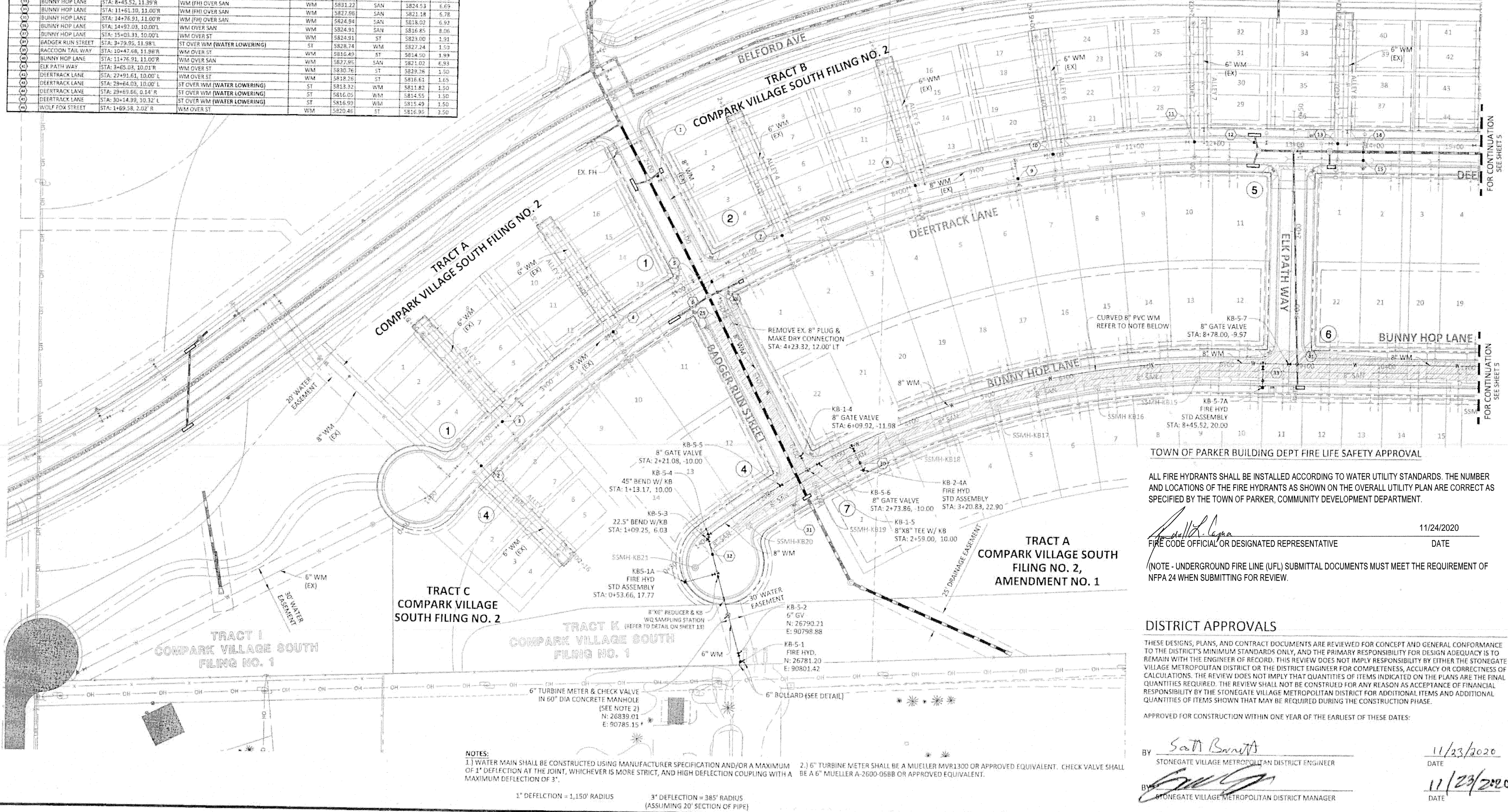
PROJ. NO.: N/A
 PROJ. AREA: N/A
 DRAWN BY: ASD
 DATE: 10/20/16

SHEET
3 OF 14
 CLCPK3

CROSSING	STREET	STATION/OFFSET	TYPE OF CROSSING	UPPER UTILITY	B.O.P.	LOWER UTILITY	T.O.P.	CLEAR
(1)	BADGER RUN STREET	STA: 2+16.17, 11.98'L	ST OVER WM (WATER LOWERING)	ST	5825.14	WM	5823.14	2.00
(2)	DEERTRACK LANE	STA: 1+72.35, 11.24'R	WM OVER SAN	WM	5814.33	SAN	5827.95	6.78
(3)	DEERTRACK LANE	STA: 2+29.06, 10.00'L	WM OVER SAN	WM	5813.46	SAN	5827.48	6.00
(4)	DEERTRACK LANE	STA: 4+05.15, 10.00'L	WM OVER SAN	WM	5810.74	SAN	5824.96	5.78
(5)	DEERTRACK LANE	STA: 5+30.36, 10.00'L	ST OVER WM (WATER LOWERING)	ST	5826.36	WM	5824.36	2.00
(6)	DEERTRACK LANE	STA: 6+41.93, 11.81'R	WM OVER SAN	WM	5823.42	SAN	5823.33	6.09
(7)	DEERTRACK LANE	STA: 6+45.71, 10.00'L	WM OVER SAN	WM	5826.26	SAN	5822.52	5.55
(8)	DEERTRACK LANE	STA: 8+21.94, 10.00'L	WM OVER SAN	WM	5826.26	SAN	5820.55	5.71
(9)	DEERTRACK LANE	STA: 9+45.78, 12.78'R	WM (FH) OVER SAN	WM	5824.95	SAN	5818.60	6.35
(10)	DEERTRACK LANE	STA: 9+58.17, 10.00'L	WM OVER SAN	WM	5824.46	SAN	5818.63	5.83
(11)	DEERTRACK LANE	STA: 11+76.40, 10.00'L	WM OVER SAN	WM	5822.65	SAN	5816.66	5.99
(12)	DEERTRACK LANE	STA: 12+49.16, 9.95'L	ST OVER WM (WATER LOWERING)	ST	5820.82	WM	5818.82	2.00
(13)	DEERTRACK LANE	STA: 13+45.59, 9.96'L	WM OVER SAN	WM	5815.99	SAN	5813.84	2.15
(14)	DEERTRACK LANE	STA: 13+45.84, 0.00'DR	ST OVER WM (FH) (WATER LOWERING)	ST	5820.81	SAN	5814.69	6.12
(15)	DEERTRACK LANE	STA: 13+45.81, 10.81'R	WM (FH) OVER SAN	WM	5815.06	WM	5816.66	2.00
(16)	DEERTRACK LANE	STA: 15+43.55, 9.97'L	WM OVER SAN	WM	5818.07	SAN	5812.69	6.28
(17)	DEERTRACK LANE	STA: 17+89.84, 9.99'L	WM OVER SAN	WM	5816.34	SAN	5809.90	6.44
(18)	DEERTRACK LANE	STA: 18+38.84, 0.00'L	ST OVER WM (FH) (WATER LOWERING)	ST	5812.43	WM	5810.93	1.50
(19)	DEERTRACK LANE	STA: 18+33.86, 11.00'R	WM (FH) OVER SAN	WM	5810.26	SAN	5808.33	1.93
(20)	DEERTRACK LANE	STA: 19+22.47, 10.00'L	WM OVER SAN	WM	5815.56	SAN	5806.28	9.28
(21)	DEERTRACK LANE	STA: 19+23.34, 10.00'L	ST OVER WM (WATER LOWERING)	ST	5810.79	WM	5808.79	2.00
(22)	DEERTRACK LANE	STA: 19+35.32, 4.57'R	ST OVER WM (WATER LOWERING)	ST	5811.94	WM	5810.94	2.00
(23)	DEERTRACK LANE	STA: 19+35.32, 11.00'R	WM OVER SAN	WM	5810.27	SAN	5806.75	3.52
(24)	DEERTRACK LANE	STA: 20+39.84, 10.00'L	WM OVER SAN	WM	5816.85	SAN	5808.11	8.74
(25)	DEERTRACK LANE	STA: 22+19.84, 10.00'L	WM OVER SAN	WM	5820.02	SAN	5809.46	10.56
(26)	DEERTRACK LANE	STA: 23+09.84, 10.00'L	WM OVER SAN	WM	5822.66	SAN	5810.74	11.92
(27)	DEERTRACK LANE	STA: 25+91.77, 10.00'L	WM OVER SAN	WM	5820.85	SAN	5811.57	9.27
(28)	DEERTRACK LANE	STA: 28+22.75, 10.00'L	WM OVER SAN	WM	5818.42	SAN	5812.41	6.02
(29)	BADGER RUN STREET	STA: 4+12.17, 0.64'R	ST OVER WM (FH) (WATER LOWERING)	ST	5827.92	WM	5825.92	2.00
(30)	BUNNY HOP LANE	STA: 30+20.88, 12.81'R	WM OVER SAN	WM	5827.37	SAN	5828.96	8.41
(31)	BUNNY HOP LANE	STA: 2+43.56, 10.00'L	WM OVER ST	WM	5838.34	ST	5835.18	3.16
(32)	BUNNY HOP LANE	STA: 1+01.67, 11.83'R	WM (FH) OVER SAN	WM	5840.25	SAN	5831.63	8.62
(33)	BUNNY HOP LANE	STA: 6+45.52, 11.39'R	WM (FH) OVER SAN	WM	5831.27	SAN	5824.53	6.74
(34)	BUNNY HOP LANE	STA: 11+61.10, 11.00'R	WM (FH) OVER SAN	WM	5827.96	SAN	5821.18	6.78
(35)	BUNNY HOP LANE	STA: 14+76.91, 11.00'R	WM (FH) OVER SAN	WM	5824.94	SAN	5818.02	6.92
(36)	BUNNY HOP LANE	STA: 14+97.93, 10.00'L	WM OVER SAN	WM	5824.91	SAN	5816.85	8.06
(37)	BUNNY HOP LANE	STA: 15+03.91, 10.00'L	WM OVER ST	WM	5828.74	ST	5824.00	4.74
(38)	BADGER RUN STREET	STA: 3+79.95, 11.98'L	ST OVER WM (WATER LOWERING)	ST	5827.92	SAN	5821.02	6.90
(39)	RACCOON TAIL WAY	STA: 10+47.68, 11.98'R	WM OVER ST	WM	5820.76	ST	5820.36	1.50
(40)	BUNNY HOP LANE	STA: 11+76.91, 10.01'R	WM OVER ST	WM	5830.76	ST	5829.36	1.50
(41)	ELK PATH WAY	STA: 3+65.03, 10.01'R	WM OVER ST	WM	5818.26	ST	5816.61	1.65
(42)	DEERTRACK LANE	STA: 27+91.61, 10.00'L	ST OVER WM (WATER LOWERING)	ST	5813.32	WM	5811.82	1.50
(43)	DEERTRACK LANE	STA: 29+44.03, 10.00'L	ST OVER WM (WATER LOWERING)	ST	5816.05	WM	5814.55	1.50
(44)	DEERTRACK LANE	STA: 30+14.39, 10.32'L	ST OVER WM (WATER LOWERING)	ST	5816.05	WM	5815.49	2.50
(45)	WOLF FOX STREET	STA: 1+69.58, 2.02'R	WM OVER ST	WM	5820.41	ST	5816.97	3.50



SOURCE BENCHMARKS:
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[Signature] 11/24/2020
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By *[Signature]* 11/23/2020
 STONEGATE VILLAGE METROPOLITAN DISTRICT ENGINEER DATE

By *[Signature]* 11/23/2020
 STONEGATE VILLAGE METROPOLITAN DISTRICT MANAGER DATE

NOTES:

1) WATER MAIN SHALL BE CONSTRUCTED USING MANUFACTURER SPECIFICATION AND/OR A MAXIMUM OF 1" DEFLECTION AT THE JOINT, WHICHEVER IS MORE STRICT, AND HIGH DEFLECTION COUPLING WITH A MAXIMUM DEFLECTION OF 3".

2) 6" TURBINE METER SHALL BE A MUELLER MVR1300 OR APPROVED EQUIVALENT. CHECK VALVE SHALL BE A 6" MUELLER A-2600-056B OR APPROVED EQUIVALENT.

3" DEFLECTION = 1,150' RADIUS
 6" DEFLECTION = 385' RADIUS
 (ASSUMING 20' SECTION OF PIPE)

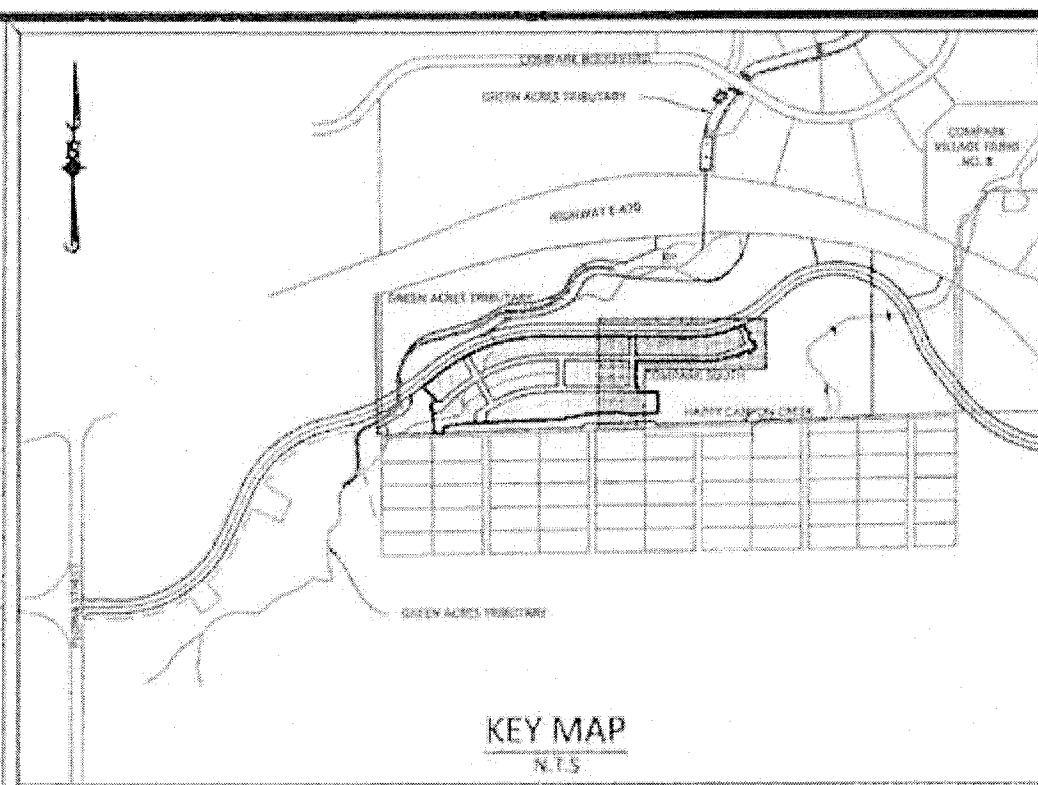
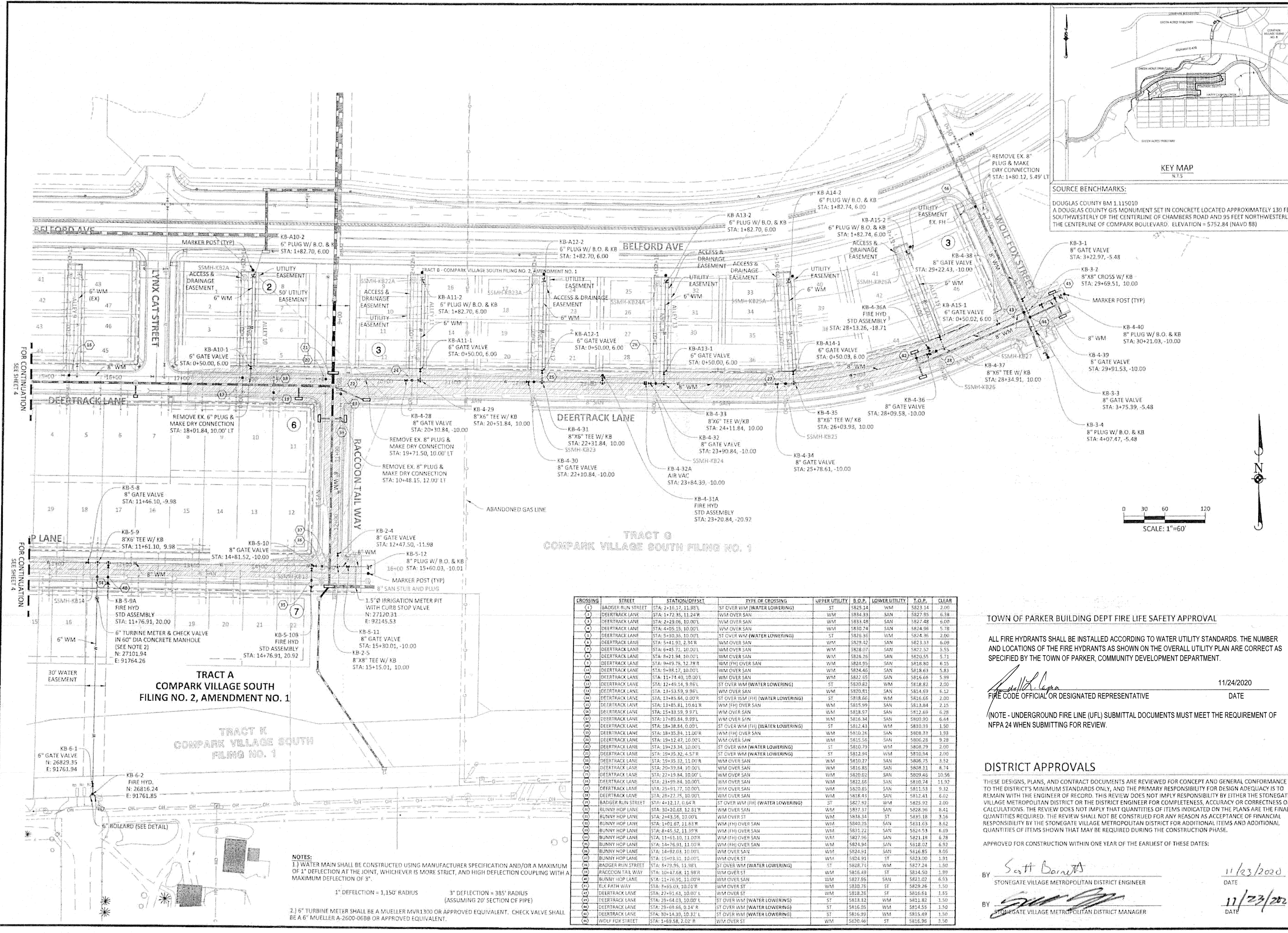
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 Water Resource Management | Construction Management

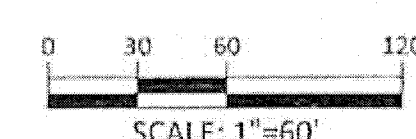
COMPARK VILLAGE SOUTH FILING NO. 2 - AMENDMENT NO. 1
TOWN OF PARKER, COLORADO
WATER PLAN - WEST

DATE: 11/23/2020
 DRAWN BY: ASD
 CHECKED BY: RAK
 DATE: 10/2016

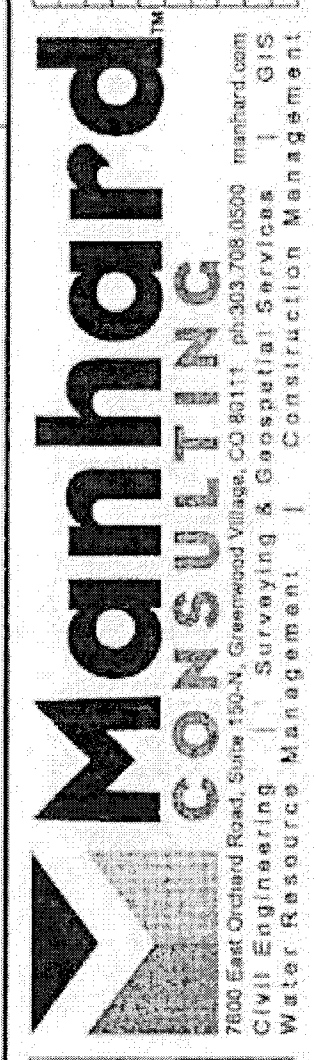
SHEET 4 OF 14
 CLEPK3



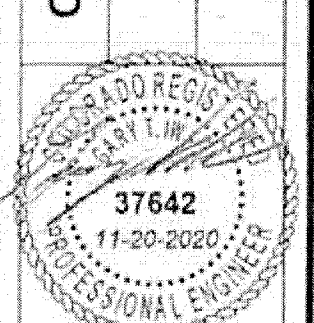
SOURCE BENCHMARKS:
 DOUGLAS COUNTY BM 111500
 A DOUGLAS COUNTY GIS MONUMENT SET IN CONCRETE LOCATED APPROXIMATELY 130 FEET SOUTHWESTERLY OF THE CENTERLINE OF CHAMBERS ROAD AND 95 FEET NORTHWESTERLY OF THE CENTERLINE OF COMPARK BOULEVARD. ELEVATION = 5752.84 (NAVD 88)



DATE	REVISION
11/20/20	ISSUED FOR PERMITS
07/2021	FINAL SUBMITTAL
06/2021	REVISED ALLEYS
01/2021	REVISED FIRE HYDRANT
08/2020	REVISED FIRE HYDRANT



COMPARK VILLAGE SOUTH FILING NO. 2 - AMENDMENT NO. 1
 TOWN OF PARKER, COLORADO
 WATER PLAN - EAST



CROSSING	STREET	STATION/OFFSET	TYP OF CROSSING	UPPER UTILITY	B.O.D.	LOWER UTILITY	T.O.P.	CLEAR
(C)	BADGER RUN STREET	STA: 1+81.37, 11.82'R	ST OVER WM (WATER LOWERING)	WM	5834.33	SAN	5827.95	6.38
(C)	DEERTRACK LANE	STA: 1+72.35, 11.24'R	WM OVER SAN	WM	5834.33	SAN	5827.95	6.38
(C)	DEERTRACK LANE	STA: 2+29.06, 10.00'L	WM OVER SAN	WM	5834.33	SAN	5827.95	6.38
(C)	DEERTRACK LANE	STA: 4+05.15, 10.00'L	WM OVER SAN	WM	5834.33	SAN	5827.95	6.38
(C)	DEERTRACK LANE	STA: 5+30.36, 10.00'L	ST OVER WM (WATER LOWERING)	ST	5828.36	WM	5824.36	2.00
(C)	DEERTRACK LANE	STA: 5+41.93, 2.34'R	WM OVER SAN	WM	5829.42	SAN	5823.33	6.09
(C)	DEERTRACK LANE	STA: 6+57.71, 10.00'L	WM OVER SAN	WM	5828.97	SAN	5823.57	5.55
(C)	DEERTRACK LANE	STA: 8+21.94, 10.00'L	WM OVER SAN	WM	5828.37	SAN	5820.55	5.71
(C)	DEERTRACK LANE	STA: 9+49.75, 12.78'R	WM (FH) OVER SAN	WM	5824.95	SAN	5818.80	6.15
(C)	DEERTRACK LANE	STA: 9+88.17, 10.00'L	WM OVER SAN	WM	5824.46	SAN	5818.69	5.83
(C)	DEERTRACK LANE	STA: 11+74.40, 10.00'L	WM OVER SAN	WM	5822.85	SAN	5816.65	5.99
(C)	DEERTRACK LANE	STA: 12+49.14, 9.95'L	ST OVER WM (WATER LOWERING)	ST	5820.82	WM	5816.82	2.00
(C)	DEERTRACK LANE	STA: 13+52.59, 9.95'L	WM OVER SAN	WM	5820.81	SAN	5814.69	6.12
(C)	DEERTRACK LANE	STA: 13+85.81, 10.81'R	ST OVER WM (FH) (WATER LOWERING)	ST	5818.66	WM	5816.66	2.00
(C)	DEERTRACK LANE	STA: 15+83.59, 9.97'L	WM OVER SAN	WM	5815.99	SAN	5813.94	2.15
(C)	DEERTRACK LANE	STA: 17+85.84, 9.99'L	WM OVER SAN	WM	5816.34	SAN	5809.30	6.44
(C)	DEERTRACK LANE	STA: 18+38.84, 0.00'L	ST OVER WM (FH) (WATER LOWERING)	ST	5812.43	WM	5810.33	1.50
(C)	DEERTRACK LANE	STA: 18+35.84, 11.00'R	WM (FH) OVER SAN	WM	5810.26	SAN	5808.39	1.95
(C)	DEERTRACK LANE	STA: 19+12.27, 10.00'L	WM OVER SAN	WM	5815.56	SAN	5806.28	9.28
(C)	DEERTRACK LANE	STA: 19+23.34, 10.00'L	ST OVER WM (WATER LOWERING)	ST	5810.79	WM	5808.79	2.00
(C)	DEERTRACK LANE	STA: 20+35.32, 4.57'R	ST OVER WM (WATER LOWERING)	ST	5812.94	WM	5810.94	2.00
(C)	DEERTRACK LANE	STA: 20+39.84, 10.00'L	WM OVER SAN	WM	5810.27	SAN	5806.75	3.52
(C)	DEERTRACK LANE	STA: 20+39.84, 10.00'L	WM OVER SAN	WM	5816.83	SAN	5808.11	6.74
(C)	DEERTRACK LANE	STA: 22+19.84, 10.00'L	WM OVER SAN	WM	5820.02	SAN	5809.49	10.96
(C)	DEERTRACK LANE	STA: 23+49.84, 10.00'L	WM OVER SAN	WM	5822.66	SAN	5810.24	11.92
(C)	DEERTRACK LANE	STA: 25+31.77, 10.00'L	WM OVER SAN	WM	5820.85	SAN	5811.53	9.32
(C)	DEERTRACK LANE	STA: 26+27.75, 10.00'L	WM OVER SAN	WM	5818.43	SAN	5812.41	6.02
(C)	BADGER RUN STREET	STA: 4+12.17, 0.64'R	ST OVER WM (FH) (WATER LOWERING)	ST	5827.93	WM	5825.93	2.00
(C)	BUNNY HOP LANE	STA: 30+20.88, 12.81'R	WM OVER SAN	WM	5827.36	SAN	5828.36	8.41
(C)	BUNNY HOP LANE	STA: 2+43.56, 10.00'L	WM OVER ST	WM	5838.34	ST	5835.18	3.16
(C)	BUNNY HOP LANE	STA: 1+01.87, 11.81'R	WM (FH) OVER SAN	WM	5803.75	SAN	5801.03	8.82
(C)	BUNNY HOP LANE	STA: 8+45.52, 11.97'R	WM (FH) OVER SAN	WM	5813.22	SAN	5824.93	6.09
(C)	BUNNY HOP LANE	STA: 11+61.10, 11.00'R	WM (FH) OVER SAN	WM	5827.96	SAN	5821.18	6.78
(C)	BUNNY HOP LANE	STA: 14+76.91, 11.00'R	WM (FH) OVER SAN	WM	5824.94	SAN	5818.02	6.92
(C)	BUNNY HOP LANE	STA: 14+82.04, 10.00'L	WM OVER SAN	WM	5824.91	SAN	5816.85	8.05
(C)	BUNNY HOP LANE	STA: 15+03.31, 10.00'L	WM OVER ST	WM	5824.91	ST	5823.00	1.91
(C)	BUNNY HOP LANE	STA: 8+79.95, 11.96'L	ST OVER WM (WATER LOWERING)	ST	5828.73	WM	5827.24	1.50
(C)	BADGER RUN STREET	STA: 10+47.68, 11.99'R	WM OVER ST	WM	5816.99	ST	5814.50	2.49
(C)	BUNNY HOP LANE	STA: 21+78.91, 11.00'R	WM OVER SAN	WM	5827.95	SAN	5823.02	4.93
(C)	ELK PATH WAY	STA: 3+45.04, 10.01'R	WM OVER ST	WM	5830.76	ST	5829.26	1.50
(C)	DEERTRACK LANE	STA: 27+51.63, 10.00'L	WM OVER ST	WM	5818.26	ST	5816.63	1.63
(C)	DEERTRACK LANE	STA: 29+64.03, 10.00'L	ST OVER WM (WATER LOWERING)	ST	5818.32	WM	5817.82	1.50
(C)	DEERTRACK LANE	STA: 29+69.86, 0.14'R	ST OVER WM (WATER LOWERING)	ST	5816.05	WM	5814.55	1.50
(C)	DEERTRACK LANE	STA: 30+14.39, 10.31'L	ST OVER WM (WATER LOWERING)	ST	5816.99	WM	5813.49	1.50
(C)	WOLF FOX STREET	STA: 1+68.58, 2.02'R	WM OVER ST	WM	5820.46	ST	5816.96	1.50

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.

Scott Barnett 11/24/2020
 FIRE CODE OFFICIAL OR DESIGNATED REPRESENTATIVE DATE

(NOTE - UNDERGROUND FIRE LINE (UFL) SUBMITTAL DOCUMENTS MUST MEET THE REQUIREMENT OF NFPA 24 WHEN SUBMITTING FOR REVIEW.

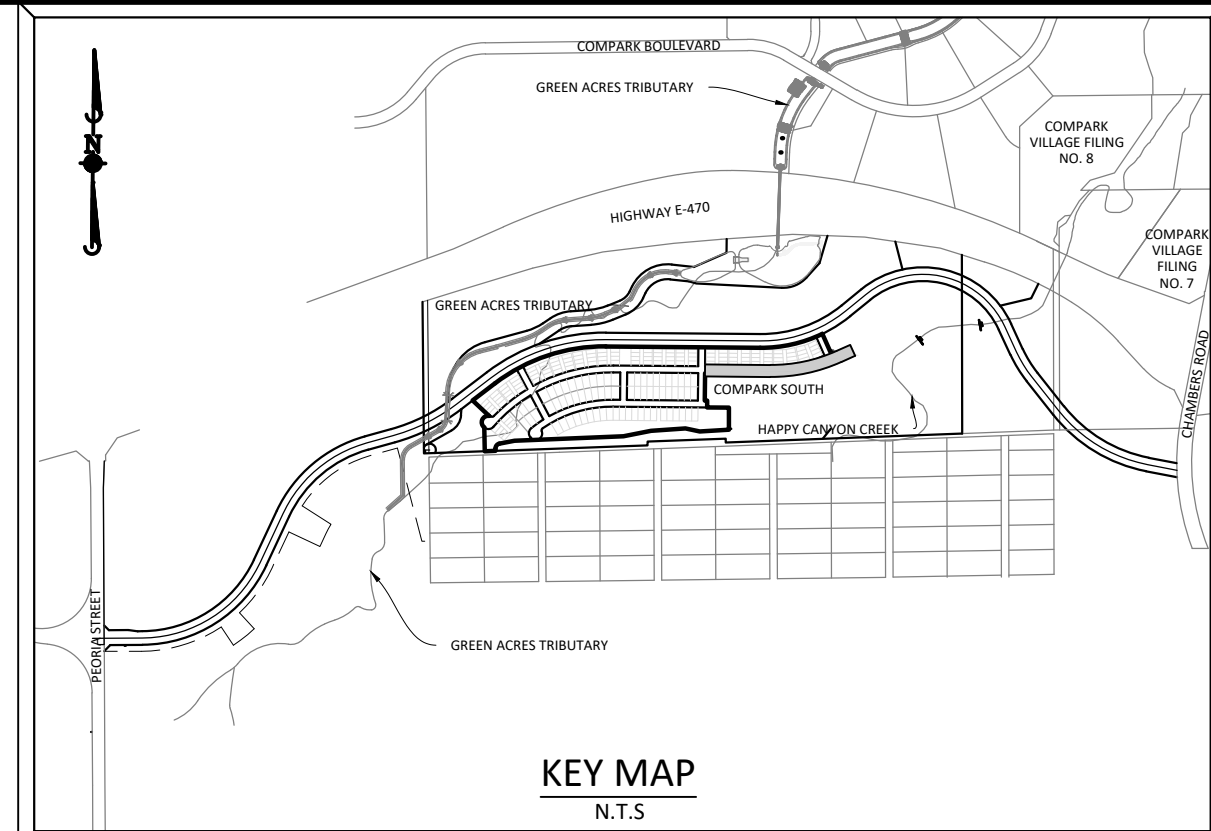
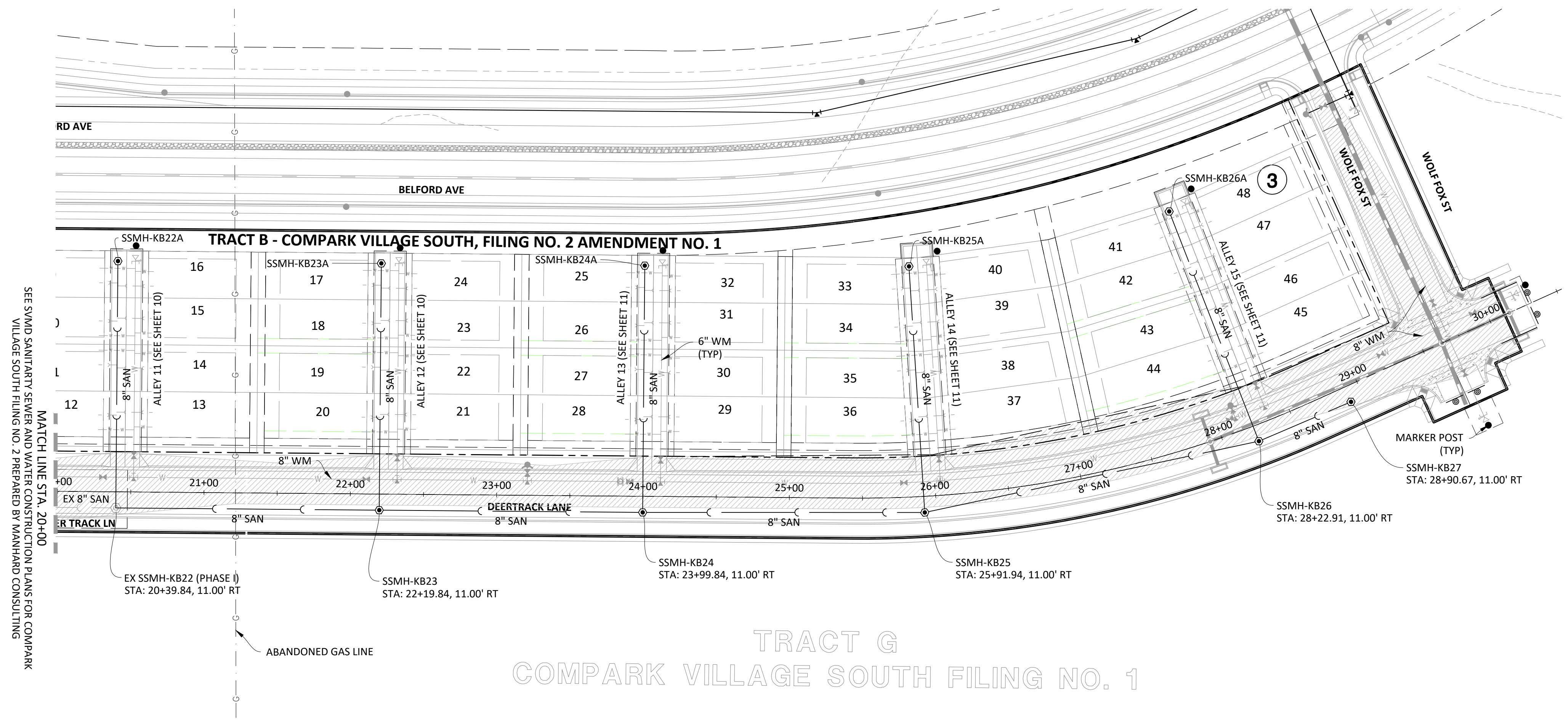
DISTRICT APPROVALS

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.

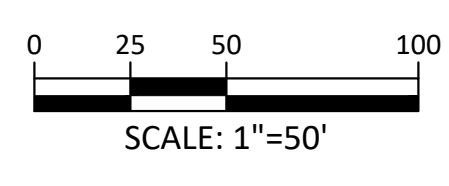
APPROVED FOR CONSTRUCTION WITHIN ONE YEAR OF THE EARLIEST OF THESE DATES:

BY *Scott Barnett* 11/23/2020
 STONEGATE VILLAGE METROPOLITAN DISTRICT ENGINEER DATE
 BY *Scott Barnett* 11/23/2020
 STONEGATE VILLAGE METROPOLITAN DISTRICT MANAGER DATE

NOTES:
 1) WATER MAIN SHALL BE CONSTRUCTED USING MANUFACTURER SPECIFICATION AND/OR A MAXIMUM OF 1" DEFLECTION AT THE JOINT, WHICHEVER IS MORE STRICT, AND HIGH DEFLECTION COUPLING WITH A MAXIMUM DEFLECTION OF 3".
 1" DEFLECTION = 1,150' RADIUS
 3" DEFLECTION = 385' RADIUS (ASSUMING 20' SECTION OF PIPE)
 2) 6" TURBINE METER SHALL BE A MUELLER MVR1300 OR APPROVED EQUIVALENT. CHECK VALVE SHALL BE A 6" MUELLER A-2600-06BB OR APPROVED EQUIVALENT.

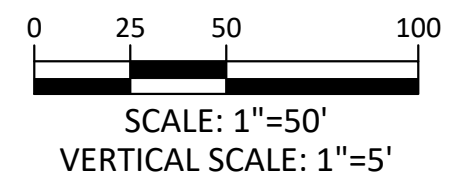
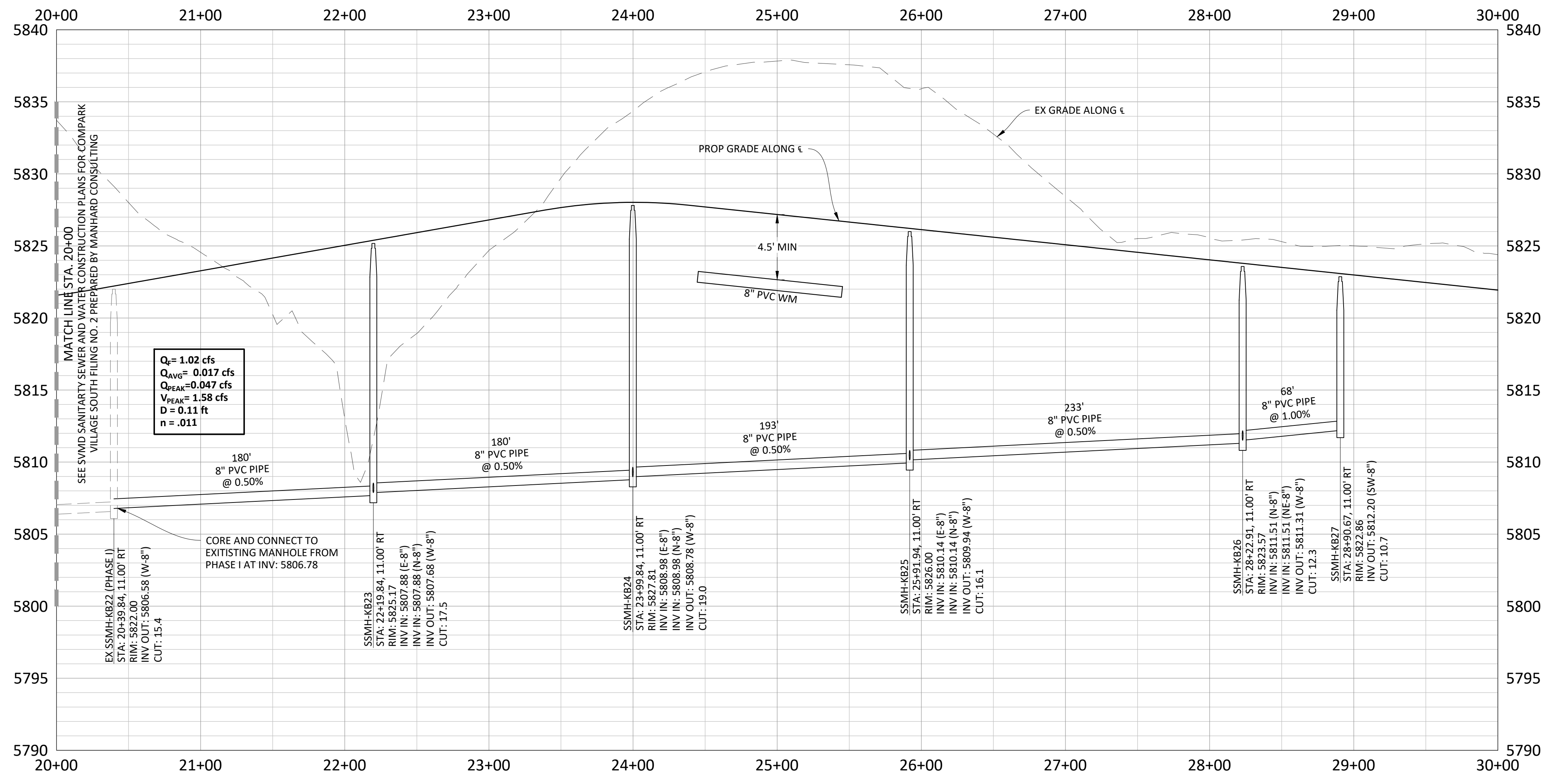


SOURCE BENCHMARKS:
 DOUGLAS COUNTY BM 1.115010
 A DOUGLAS COUNTY GIS MONUMENT SET IN CONCRETE LOCATED APPROXIMATELY 130 FEET
 SOUTHWESTERLY OF THE CENTERLINE OF CHAMBERS ROAD AND 95 FEET NORTHWESTERLY OF
 THE CENTERLINE OF COMPARK BOULEVARD. ELEVATION = 5752.84 (NAVD 88)



TRACT G
 COMPARK VILLAGE SOUTH FILING NO. 1

DEERTRACK LANE



- NOTES:**
1. SET ALL MANHOLE RIMS NOT IN PAVED AREAS 6" ABOVE FINISHED GRADE AND PROVIDE CARSONITE MARKER POST AT 5' OFFSET W/ CONCRETE COLLAR.
 2. ALL WATER LINES WITHIN THE COMPARK SOUTH DEVELOPMENT WILL BE REQUIRED TO BE C9000 DR14 PIPE MATERIAL WITH A MINIMUM 4.5' OF COVER.
 3. WATER MAIN SHALL BE CONSTRUCTED USING MANUFACTURER SPECIFICATION, EBAA IRON SERIES 3800 MEGACOUPLING HIGH DEFLECTION COUPLINGS SHALL BE UTILIZED FOR ALL DEFLECTIONS AT JOINTS.
 4. ALL PLUGS AT END OF WATER LINES SHALL HAVE A 2" BLOWOFF IN MANHOLE. REFER TO SHEET 13 FOR DETAIL.

SEE SVID SANITARY SEWER AND WATER CONSTRUCTION PLANS FOR COMPARK VILLAGE SOUTH FILING NO. 2 PREPARED BY MANHARD CONSULTING

MATCH LINE STA. 20+00

EX SSMH-KB22 (PHASE I)
 STA: 20+39.84, 11.00' RT

SSMH-KB23
 STA: 22+19.84, 11.00' RT

SSMH-KB24
 STA: 23+99.84, 11.00' RT

SSMH-KB25
 STA: 25+91.94, 11.00' RT

SSMH-KB26
 STA: 28+22.91, 11.00' RT

MARKER POST (TYP)
 SSMH-KB27
 STA: 28+90.67, 11.00' RT

Plotted: 11/20/2020 9:42 AM. Dwg Name: c:\projects\3\compark\residential\csl\csl\env\final drawings\plan set\District\PHASE 2\05B-P&P-1-Street-G.dwg. Updated By: Jhawthorne

Manhard CONSULTING
 7600 East Orchard Road, Suite 100-100, Greenwood Village, CO 80111, phone: 303.778.0800 manhard.com
 Civil Engineering | Surveying & Geospatial Services | GIS | Construction Management | Water Resource Management

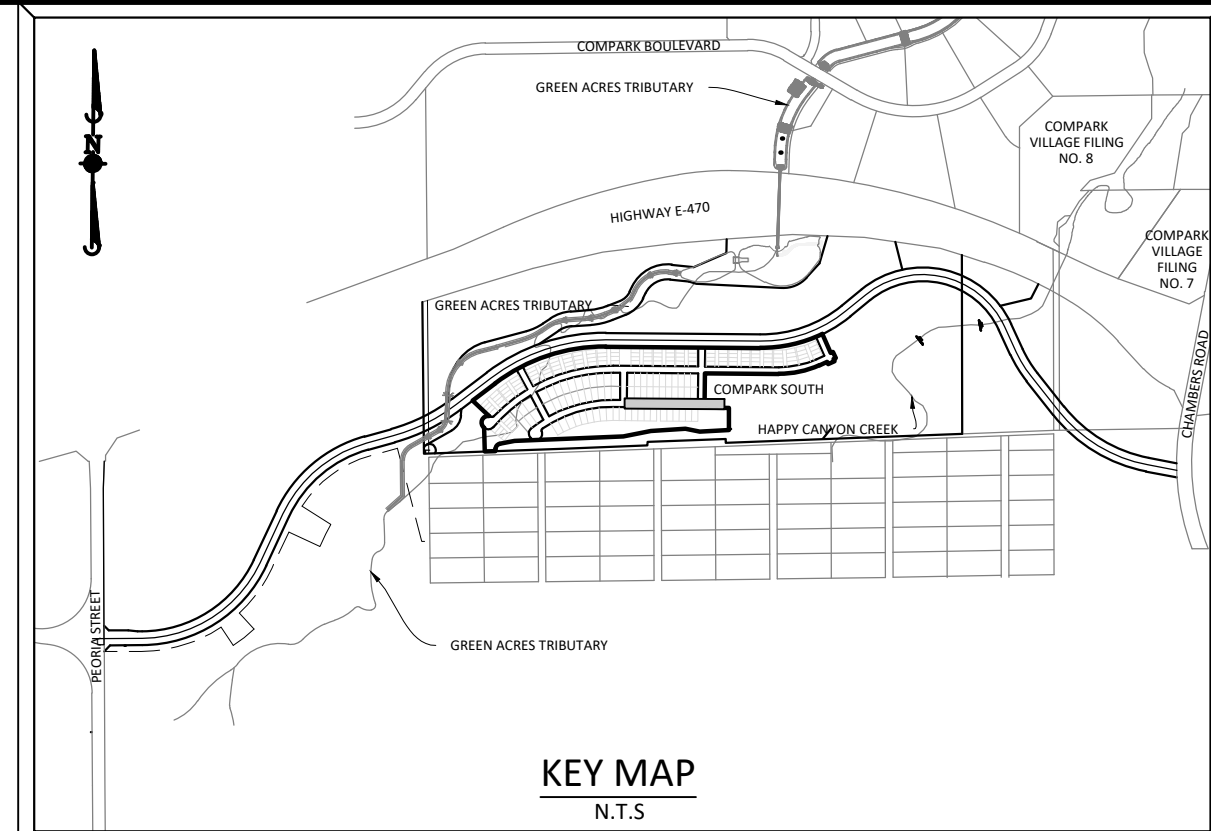
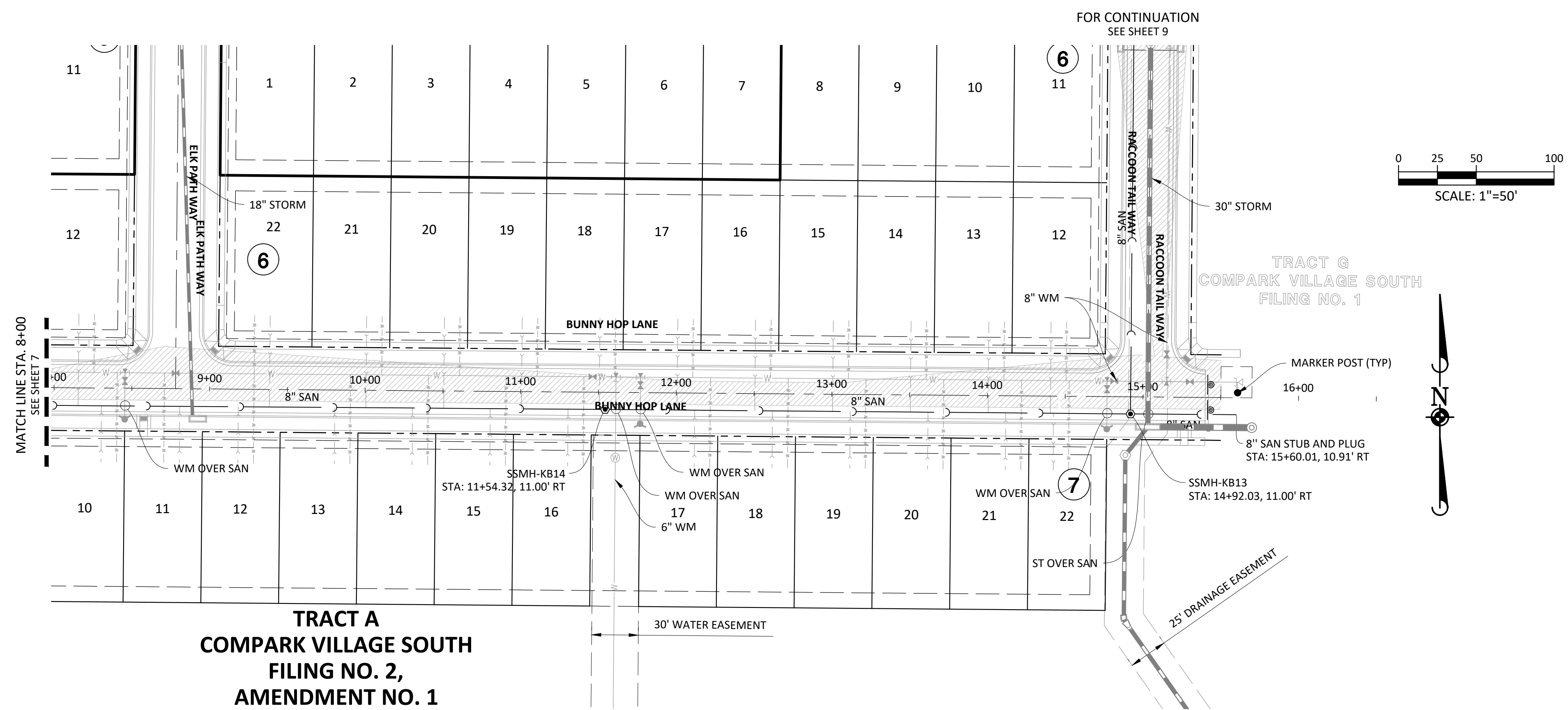
DATE	REVISIONS
11/20/20	REVISED PER SVID COMMENTS
07/20/17	FINAL SUBMITTAL
06/20/17	REVISED ALLEY EASEMENTS
08/20/16	REVISED PER SVID COMMENTS

COMPARK VILLAGE SOUTH FILING NO. 2 - AMENDMENT NO. 1
 TOWN OF PARKER, COLORADO
 SANITARY SEWER PLAN AND PROFILE - DEERTRACK LANE

PROJ. MGR.: RJM
 PROJ. ASSOC.: RAK
 DRAWN BY: ASD
 DATE: 10/20/16

SHEET
6 OF 14
 CLCPK3

Plotted: 11/20/2020 11:41 AM Dwg Name: P:\C06k3\comsouth05-residential\cds\dwg\Eng\Final Drawings\Plan Set\District\PHASE 2\05B-P&P-2-Street II.dwg Updated By: jhawthorne

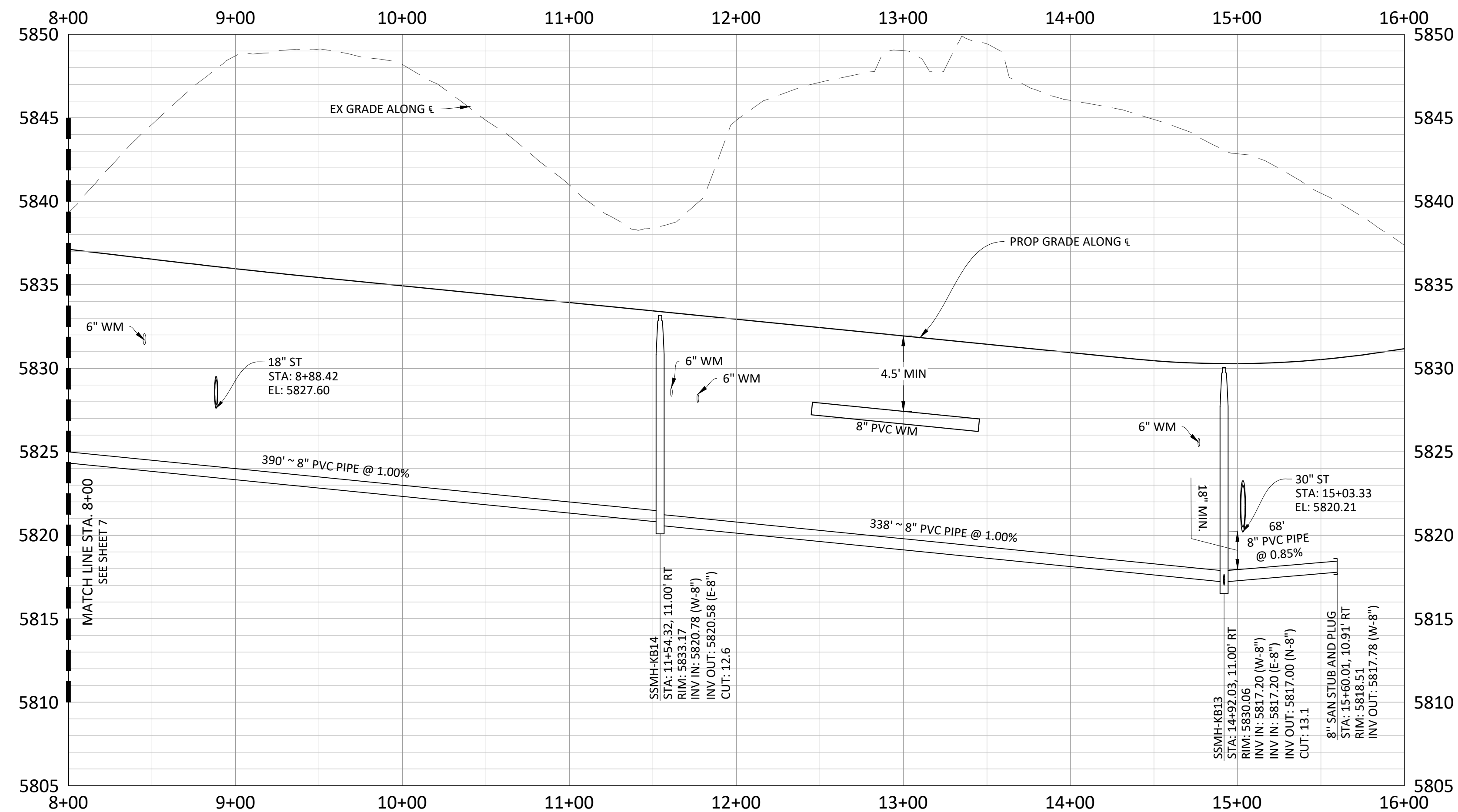


SOURCE BENCHMARKS:
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 THE CENTERLINE OF COMPARK BOULEVARD. ELEVATION = 5752.84 (NAVD 88)

DATE	REVISIONS
11/20/2020	REVISED PER SVD COMMENTS
07/2017	FINAL SUBMITTAL
06/2017	REVISED ALLEY EASEMENTS
09/2016	REVISED PER SVD COMMENTS

Manhard CONSULTING
 7600 East Orchard Road, Suite 100-2, Greenwood Village, CO 80111, phone: 303.770.0500 manhard.com
 Civil Engineering | Surveying & Geospatial Services | GIS | Construction Management | Water Resource Management

BUNNY HOP LANE



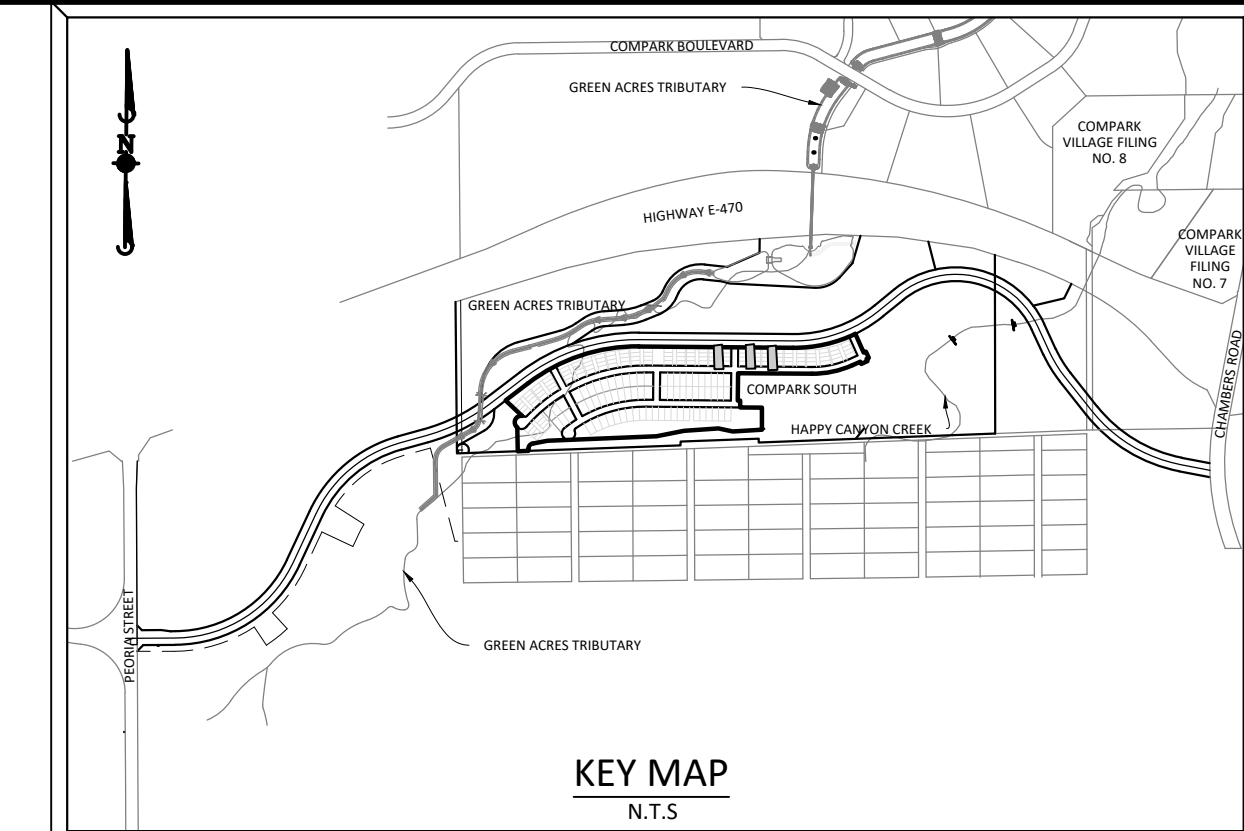
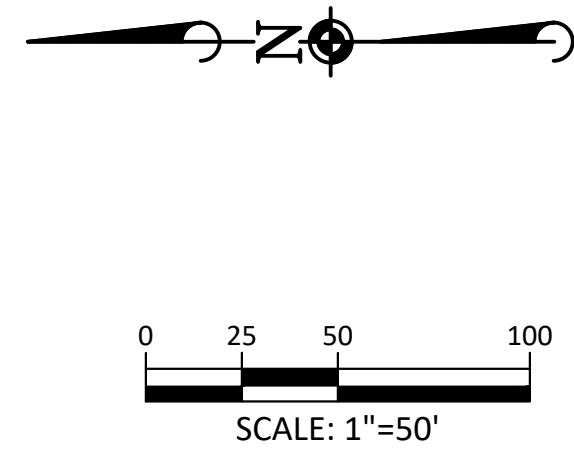
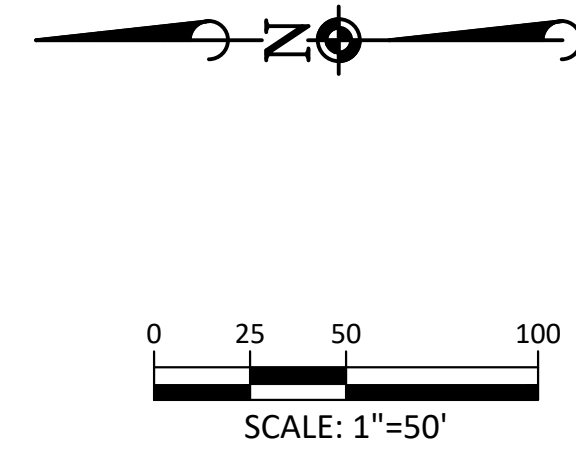
- NOTES:**
- SET ALL MANHOLE RIMS NOT IN PAVED AREAS 6" ABOVE FINISHED GRADE AND PROVIDE CARSONITE MARKER POST AT 5' OFFSET W/ CONCRETE COLLAR.
 - ALL WATER LINES WITHIN THE COMPARK SOUTH DEVELOPMENT WILL BE REQUIRED TO BE C9000 DR14 PIPE MATERIAL WITH A MINIMUM 4.5' OF COVER.
 - WATER MAIN SHALL BE CONSTRUCTED USING MANUFACTURER SPECIFICATION. EBAA IRON SERIES 3800 MEGACOUPLING HIGH DEFLECTION COUPLINGS SHALL BE UTILIZED FOR ALL DEFLECTIONS AT JOINTS.
 - ALL PLUGS AT END OF WATER LINES SHALL HAVE A 2" BLOWOFF IN MANHOLE. REFER TO SHEET 13 FOR DETAIL.

COMPARK VILLAGE SOUTH FILING NO. 2 - AMENDMENT NO. 1
TOWN OF PARKER, COLORADO
SANITARY SEWER PLAN AND PROFILE - BUNNY HOP LANE

PROJECT NO: 37642
 11-20-2020
 PROFESSIONAL ENGINEER

PROJ. MGR.: RJM
 PROJ. ASSOC.: RAK
 DRAWN BY: ASD
 DATE: 10/20/16

SHEET 8 OF 14
 CLCPK3

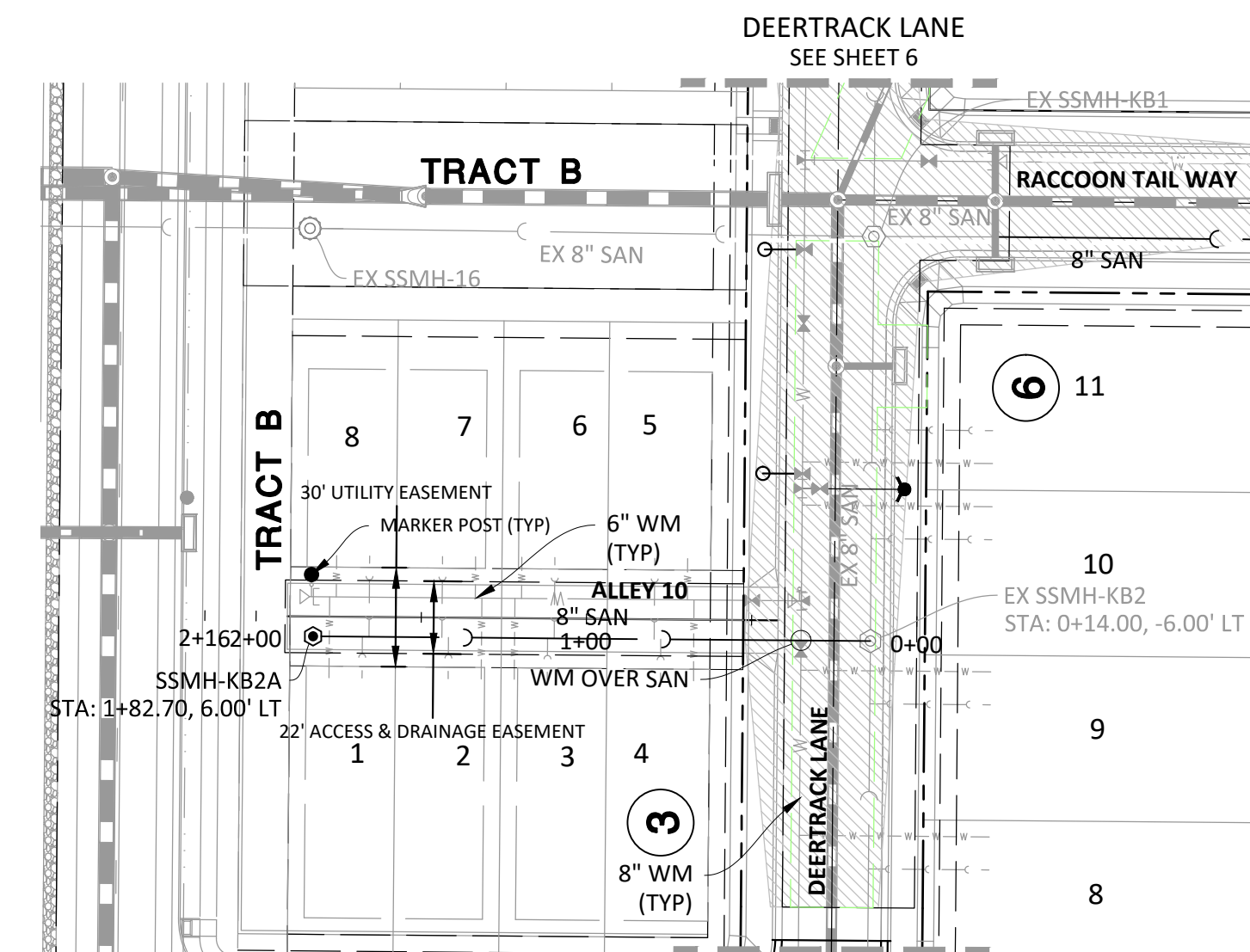


KEY MAP
N.T.S.

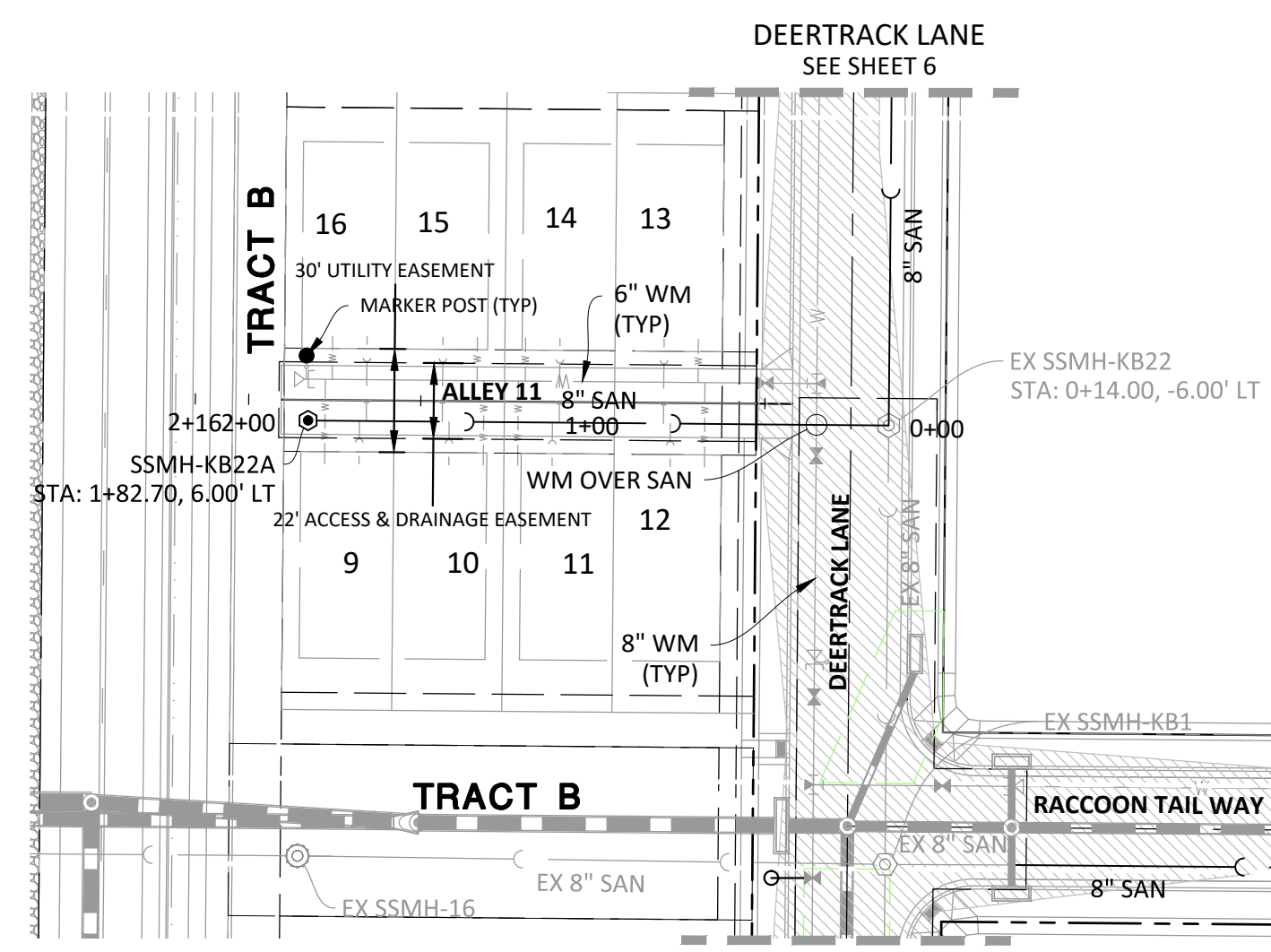
SOURCE BENCHMARKS:
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A DOUGLAS COUNTY GIS MONUMENT SET IN CONCRETE LOCATED APPROXIMATELY 130 FEET SOUTHWESTERLY OF THE CENTERLINE OF CHAMBERS ROAD AND 95 FEET NORTHWESTERLY OF THE CENTERLINE OF COMPARK BOULEVARD. ELEVATION = 5752.84 (NAVD 88)

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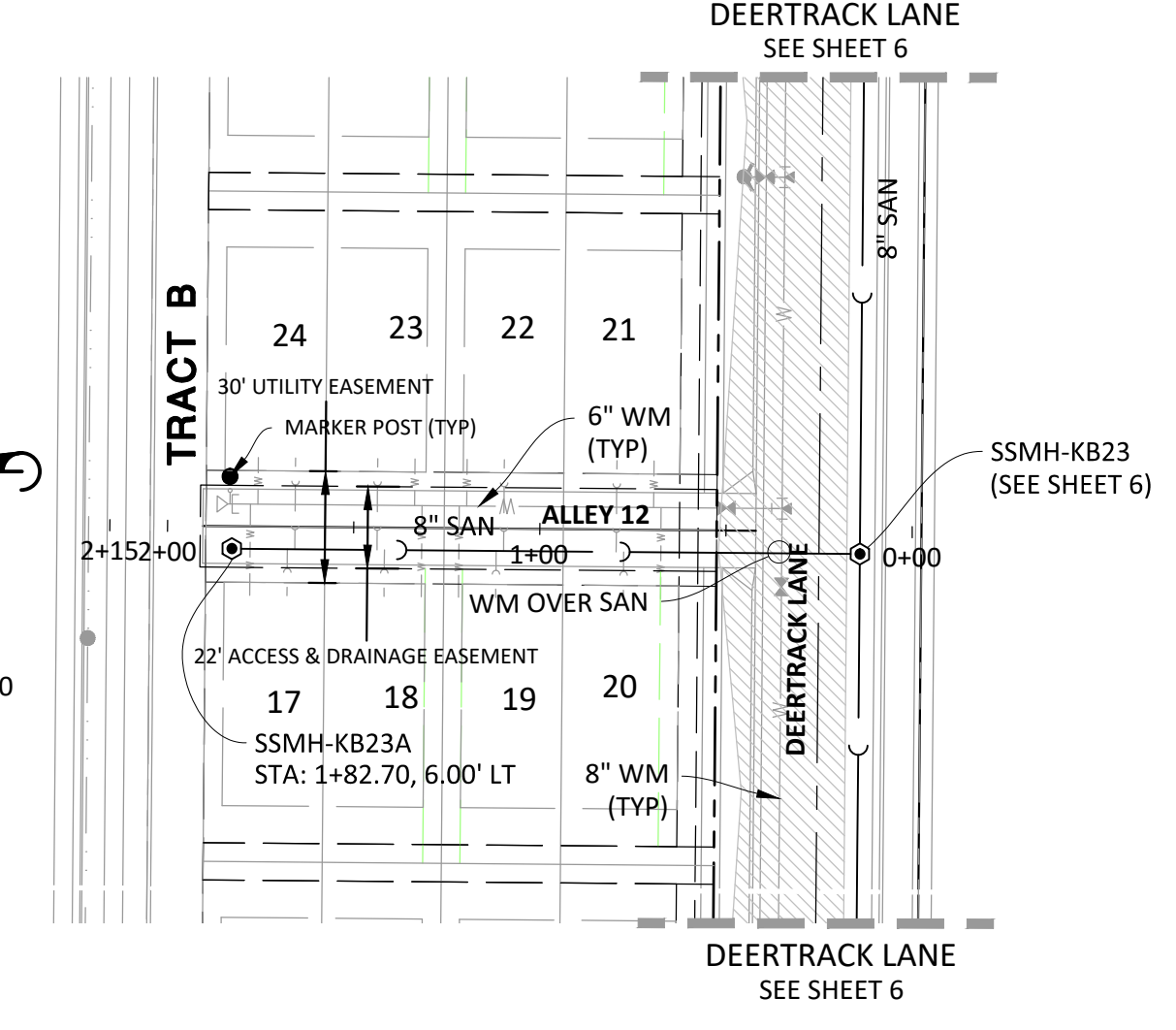
DATE	REVISIONS
11/02/20	REVISED PER SWM COMMENTS
07/20/20	FINAL SUBMITTAL
06/20/17	REVISED ALLEY EASEMENTS
08/20/16	REVISED PER SWM COMMENTS



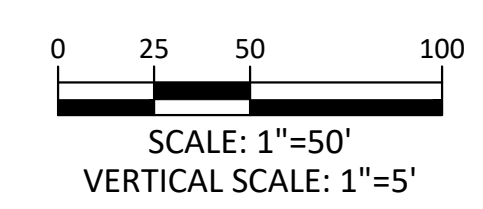
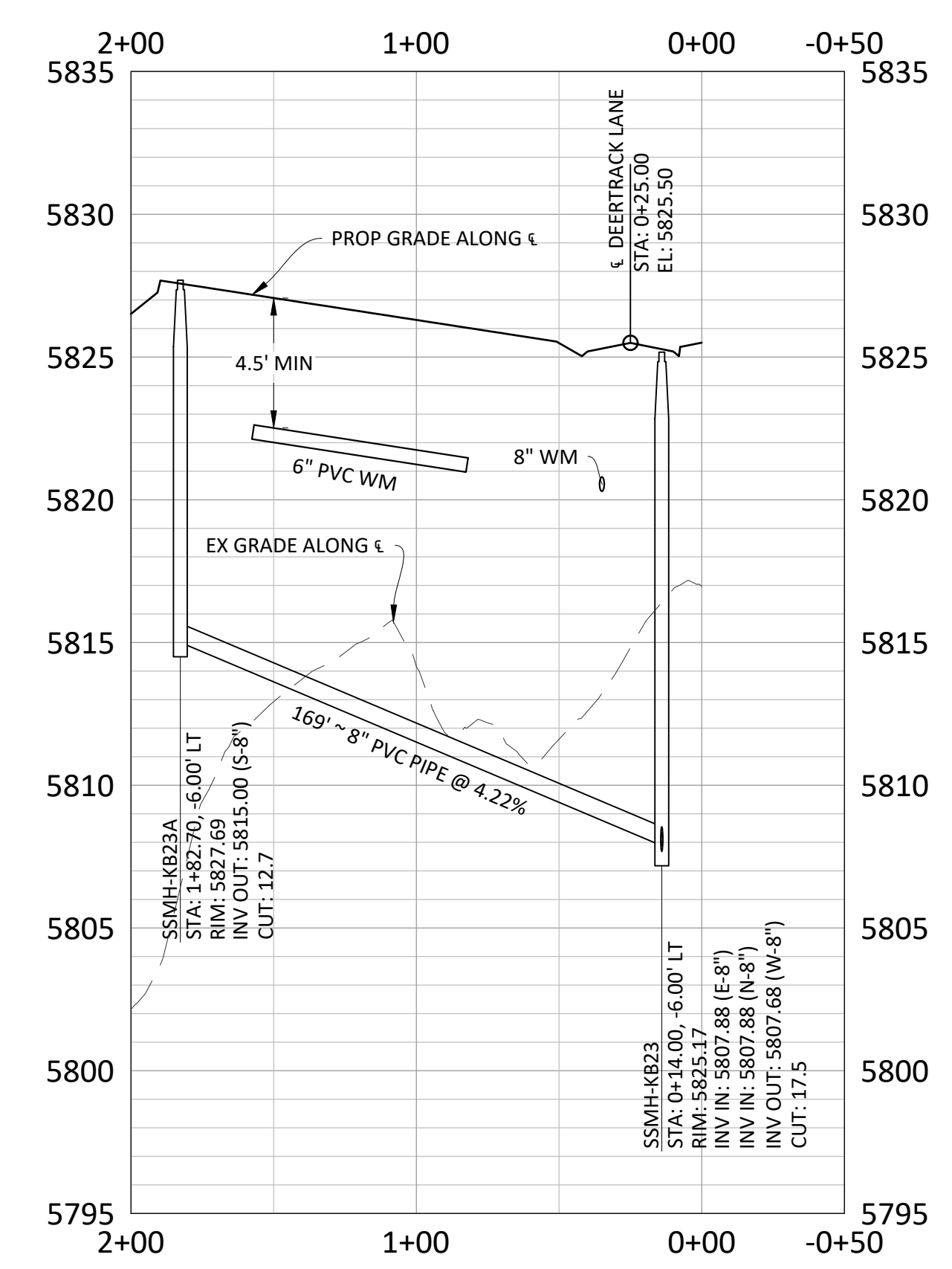
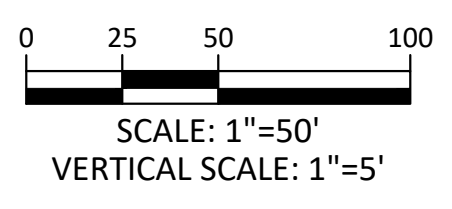
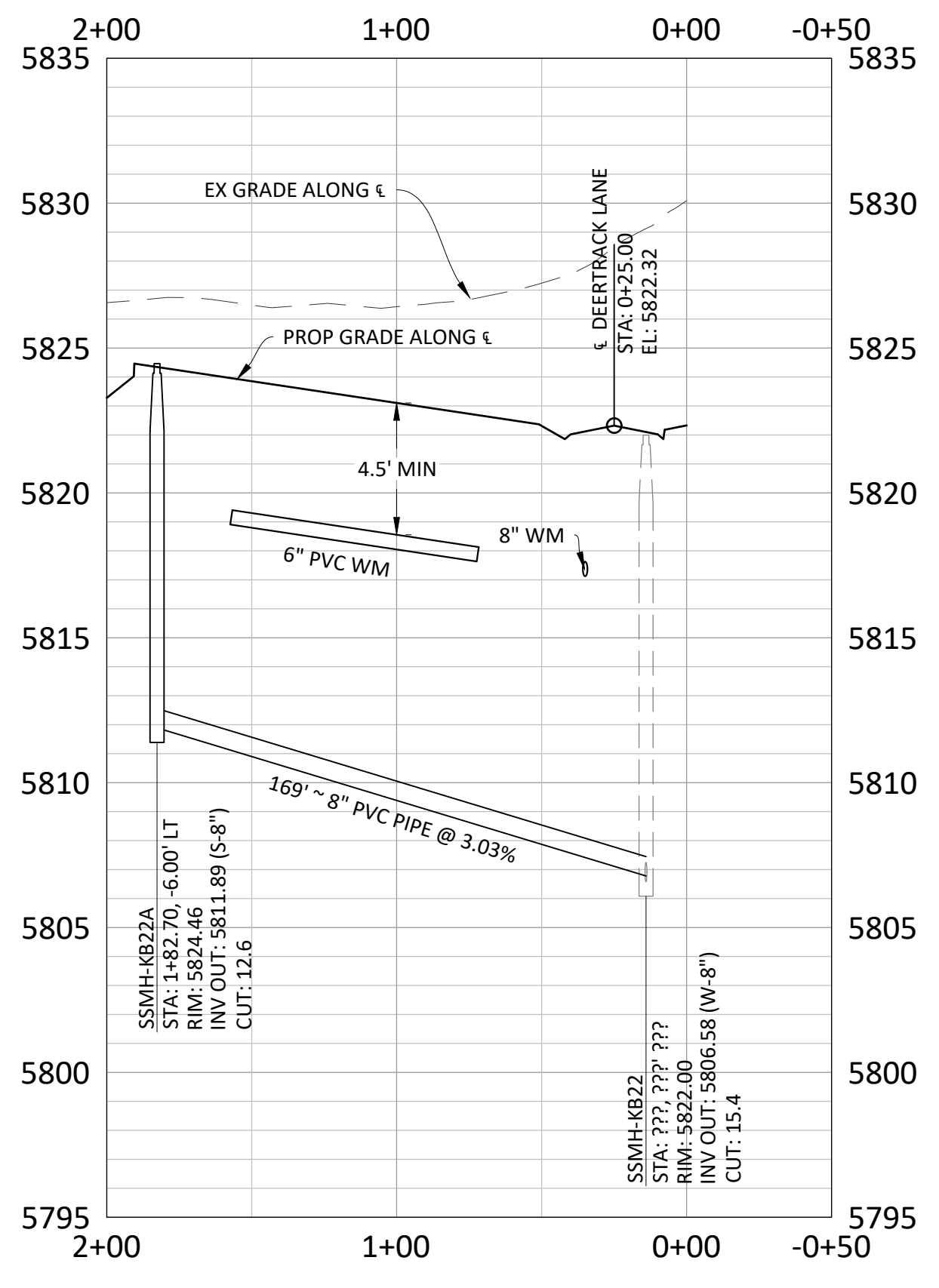
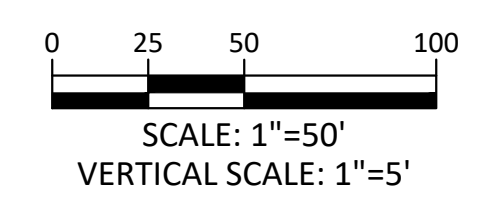
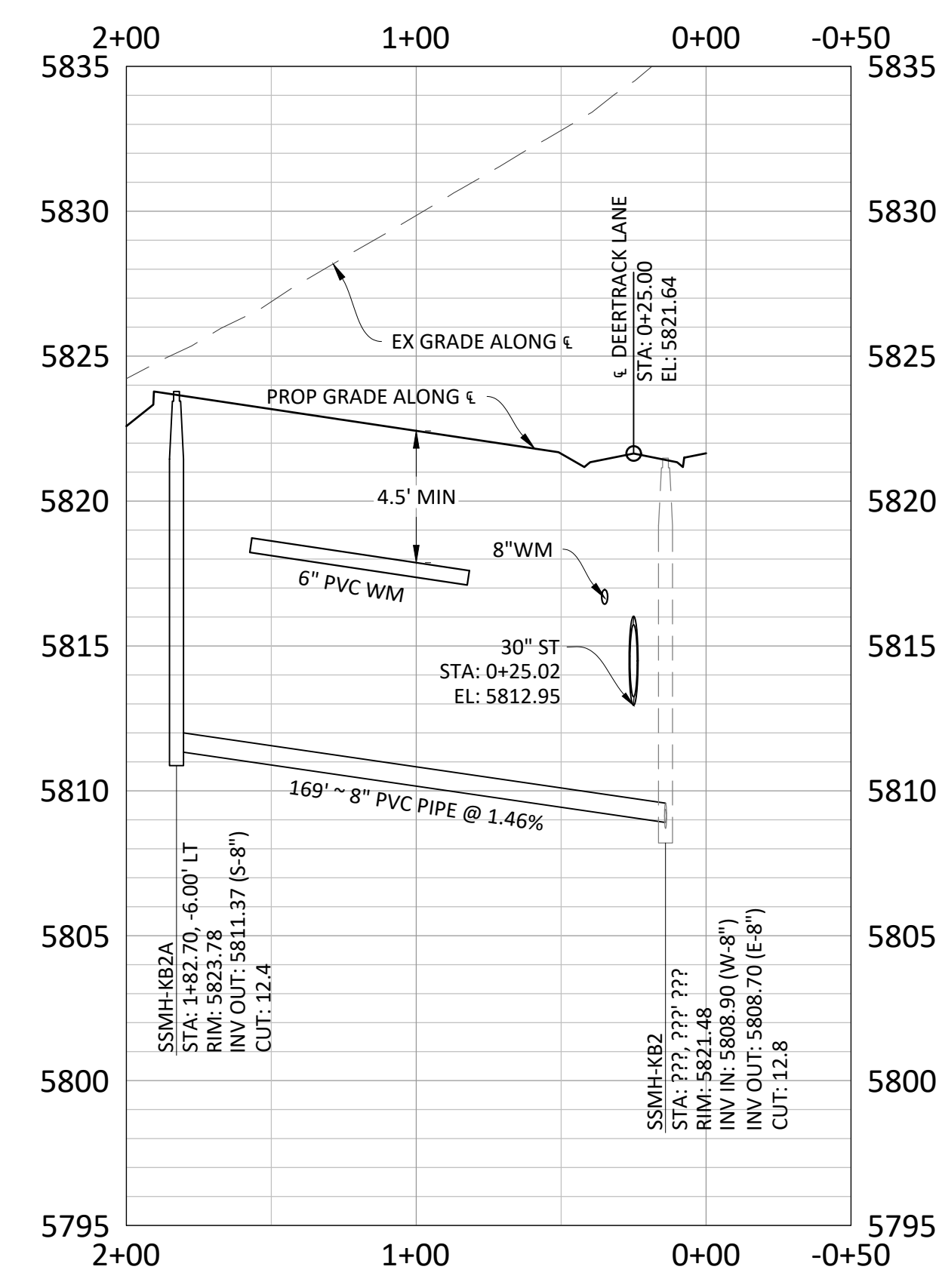
ALLEY 10



ALLEY 11



ALLEY 12



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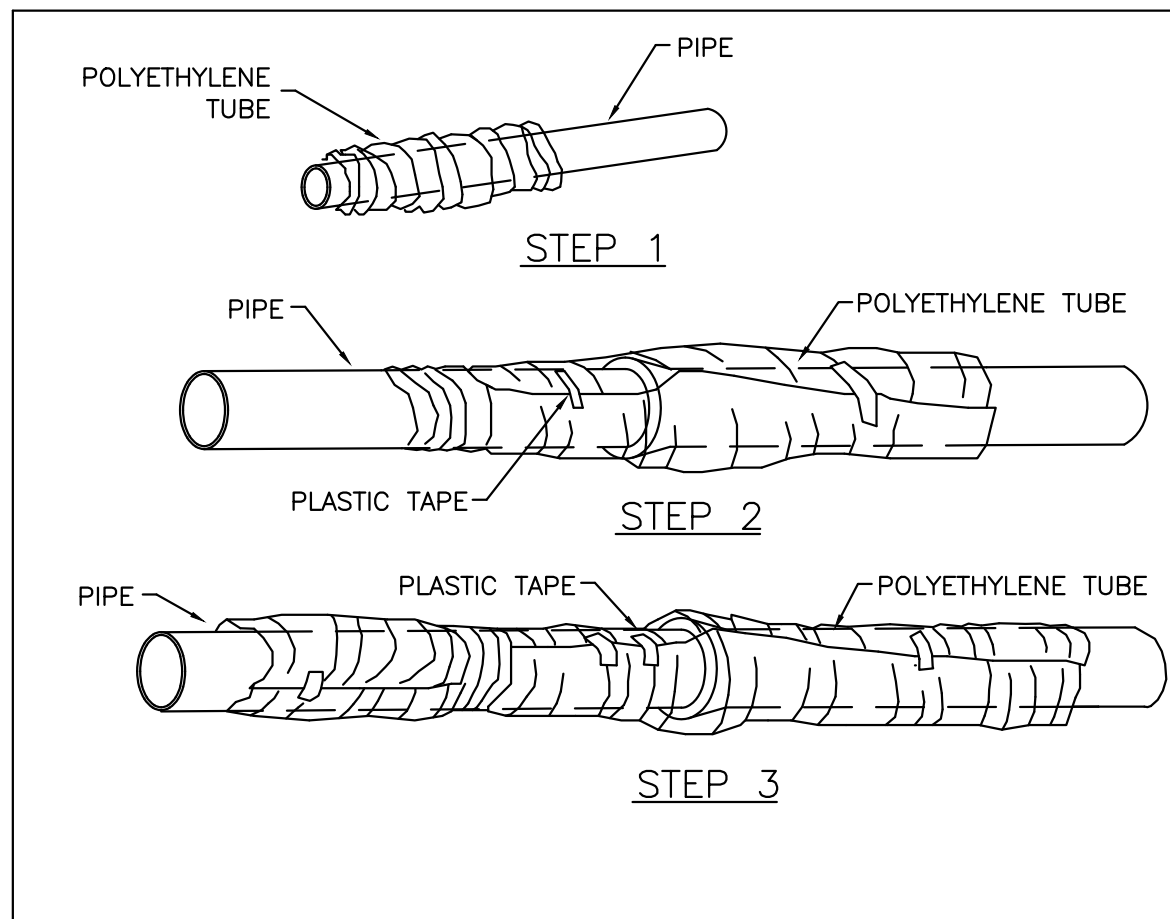
Manhard CONSULTING
7600 East Orchard Road, Suite 100-2, Greenwood Village, CO 80111, phone: 303.780.0800 manhard.com
Civil Engineering | Surveying & Geospatial Services | GIS | Construction Management | Water Resource Management

COMPARK VILLAGE SOUTH FILING NO. 2 - AMENDMENT NO. 1
TOWN OF PARKER, COLORADO
SANITARY SEWER PLAN AND PROFILE - ALLEY 10-12

PROJ. MGR.: RJM
PROJ. ASSOC.: RAK
DRAWN BY: ASD
DATE: 10/20/16

37642
PROFESSIONAL ENGINEER

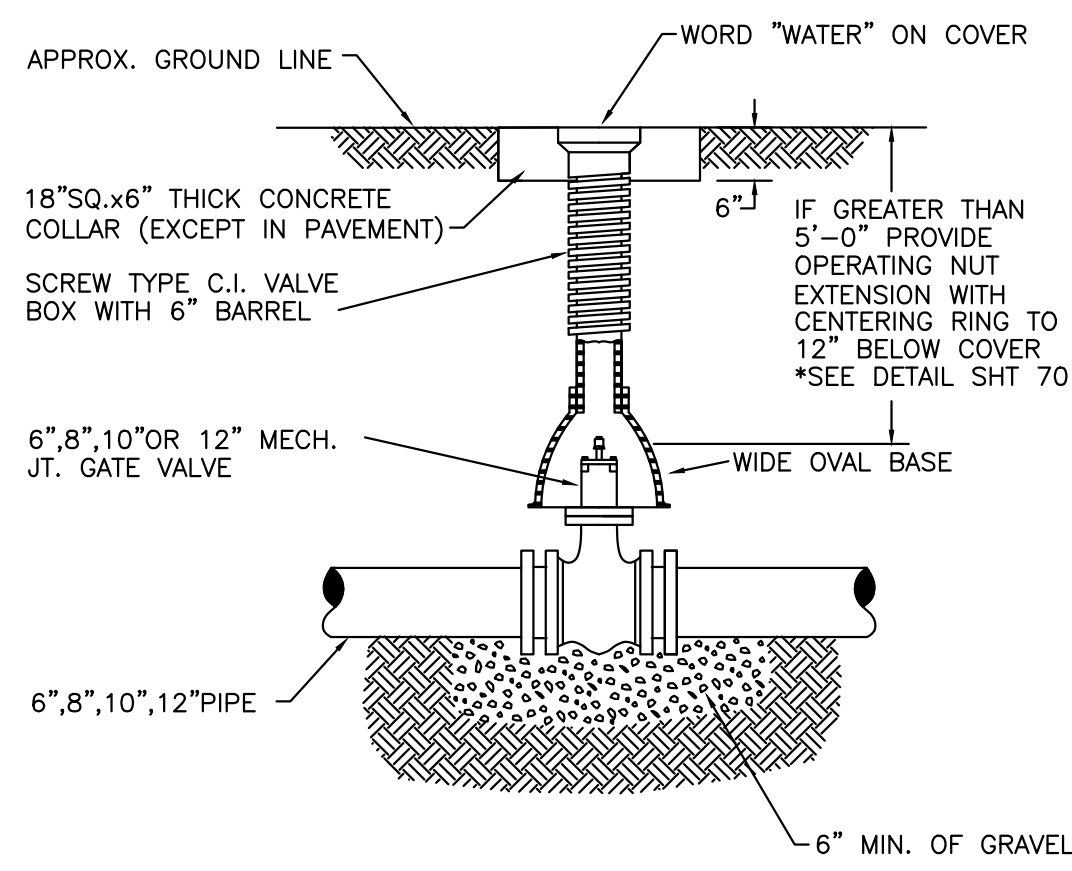
SHEET 10 OF 14
CLCPK3



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 TAPED IN PLACE.

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



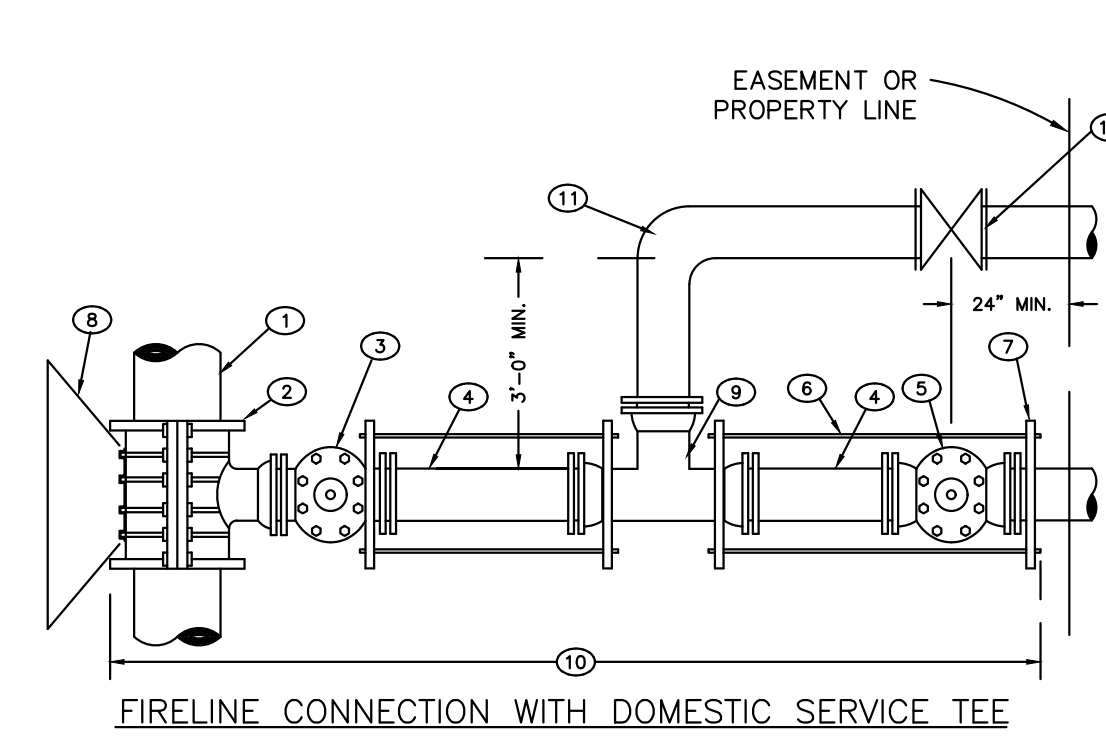
6-INCH VALVE BOXES

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.

- NOTES:
- VALVE BOXES SHALL BE:
 - TYLER SCREW-TYPE 6\"/>
 - ALL C.I. SHALL BE WRAPPED WITH 8 MIL. MIN. THICKNESS POLYETHYLENE.
 - VALVE NUT SHALL BE CENTERED.
 - VALVE BOX SHALL BE PLUMB.

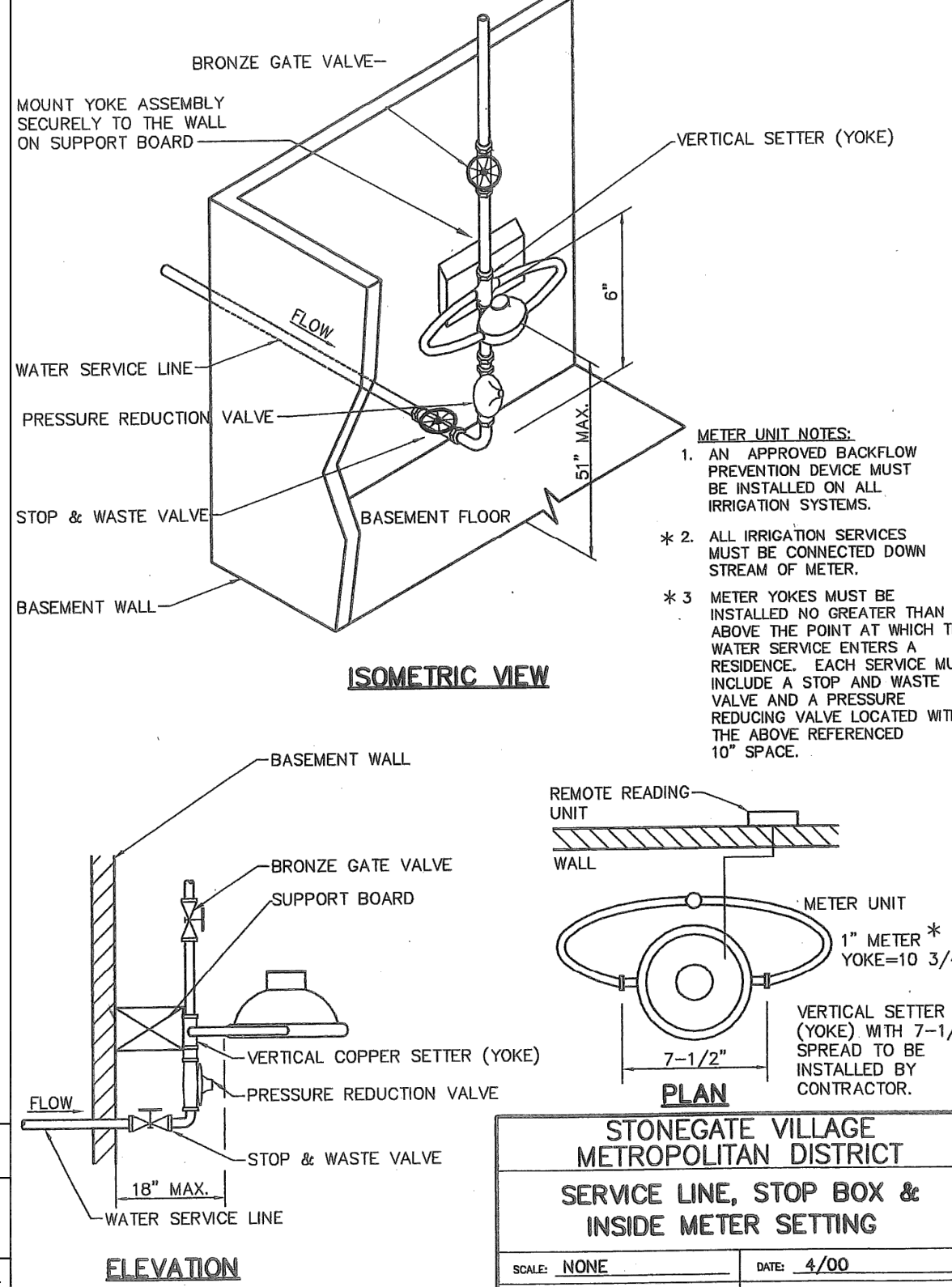
STONEGATE VILLAGE METROPOLITAN DISTRICT	
VALVE BOX DETAIL	
SCALE: NONE	DATE: 4/00
APPROVED: R/JG	DISTRICT ENGINEER



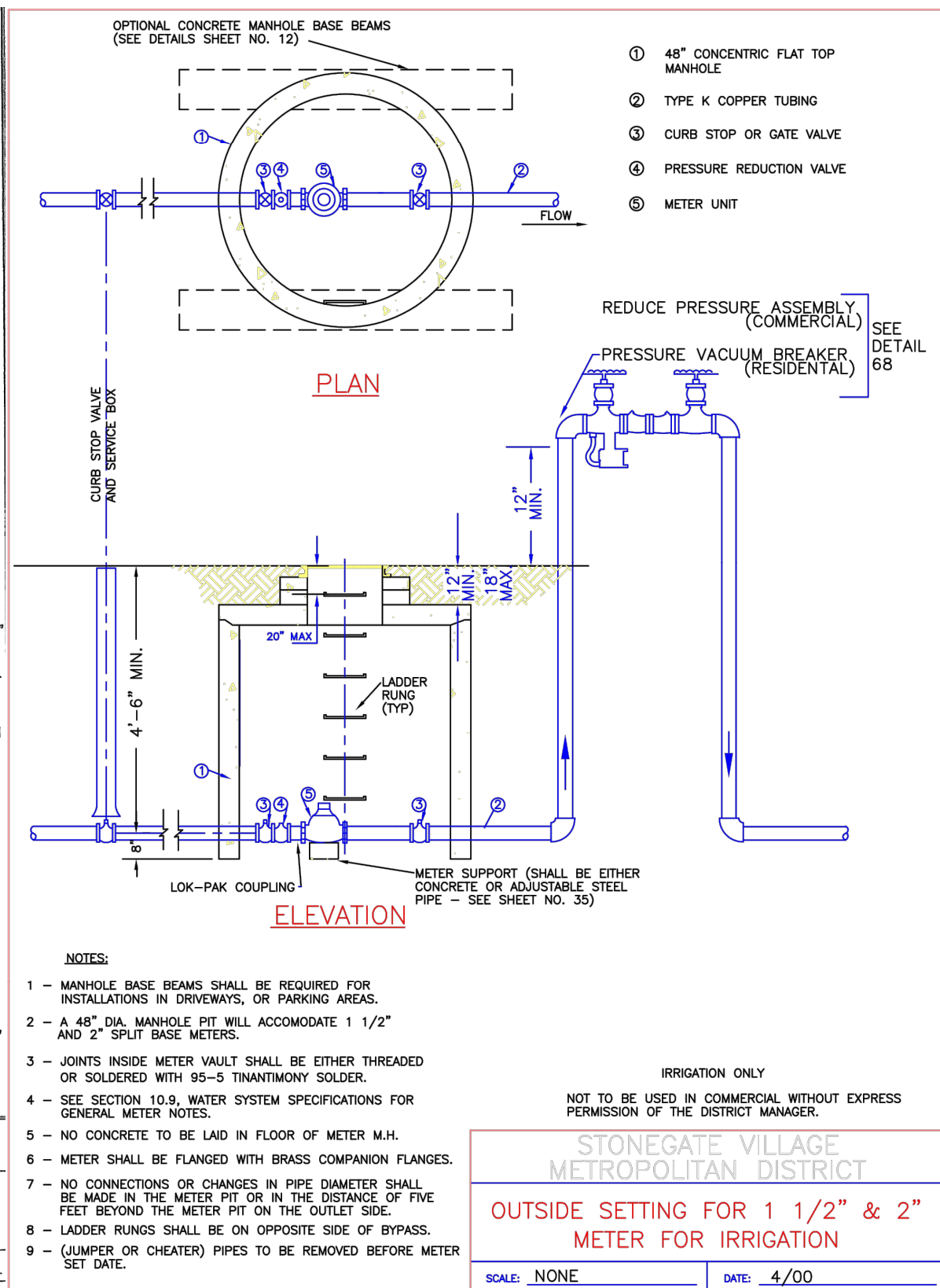
COMBINATION FIRE/SERVICE TAP

- EXISTING MAIN
- TAPPING VALVE OR M.J. ANCHORING TEE (SWIM TEE WHERE APPLICABLE)
- DOUBLE SPIGOT PIPE
- PROPERTY LINE VALVE
- TI ROOS (MEGALUS) BE USED IN PLACE OF ROODING)
- PIPE CLAMP
- CONCRETE KICK/BOX
- DOMESTIC SERVICE TEE OR SERVICE TAP
- POLYETHYLENE WRAPPED
- 90° FITTING (BEND FOR 2\"/>

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"		12"		16"		20"		24"	
	D	L	D	L	D	L	D	L	D	L	D	L	D	L
TEE OR VALVE	3/4"	16.0'	3/4"	13.0'	3/4"	10.0'	3/4"	8.0'	3/4"	6.0'	3/4"	4.0'	3/4"	3.0'
90° BEND	3/4"	16.0'	3/4"	13.0'	3/4"	10.0'	3/4"	8.0'	3/4"	6.0'	3/4"	4.0'	3/4"	3.0'
45° BEND	3/4"	20.0'	3/4"	16.0'	3/4"	12.0'	3/4"	9.0'	3/4"	6.0'	3/4"	4.0'	3/4"	3.0'
22-1/2° BEND	3/4"	10.0'	3/4"	8.0'	3/4"	6.0'	3/4"	4.0'	3/4"	3.0'	3/4"	2.0'	3/4"	1.5'
11-1/4° BEND	3/4"	10.0'	3/4"	8.0'	3/4"	6.0'	3/4"	4.0'	3/4"	3.0'	3/4"	2.0'	3/4"	1.5'

- NOTES:
- LENGTH OF TIED PIPE MEASURED EACH WAY FROM VALVES AND BENDS.
 - CLAMPS AND ROOS NOT ALLOWED FOR 24" AND LARGER PIPES.
 - PIPE TIGHTENING TORQUE: C = GRADE, M.S. = MILD STEEL.
 - MINIMUM 4.5' GROUND COVER REQUIRED.
 - BASED ON 150 PSI INTERNAL PRESSURE.
 - M.S. MEANS MILD STEEL. ROD A.S.T.M. STANDARD DESIGNATION A-36.
 - A-183 GRADE B7.7.
 - NUTS SHALL BE A.S.T.M. STANDARD DESIGNATION A-307 GRADE A OR B HEAVY SERIES.
 - SEE IF YOU ARE DRAWING ALUMINUM ROD COUPLING DETAILS.
 - LENGTH REFERS TO THE AMOUNT OF PIPE WHICH MUST BE TIED TOGETHER AND IS NOT NECESSARILY THE LENGTH OF THE ROOS.
 - STAR BOLTS NOT ALLOWED ON PIPE LARGER THAN 16".
 - MINIMUM OF 4 ROOS REQUIRED ON 16" PIPE IF STAR BOLTS ARE USED.
 - TEES ARE TO BE ROODED ON BRANCH ONLY.
 - ALL VALVES TO BE ROODED IN BOTH DIRECTIONS.

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

PIPE BEDDING:

(c) Installation of Bedding and Pipe: After completion of the trench excavation and proper preparation of the foundation, six inches (6") of bedding material shall be placed on the trench bottom for support under the pipe. Bed holes shall be dug deep enough to provide a minimum of two inches (2") of clearance between the soil and bedding material. All pipe shall be installed in such a manner as to insure full support of the pipe barrel over its entire length. After the pipe is adjusted for line and grade, and the joint is made, the bedding material shall be carefully placed and tamped under the haunches of the pipe and in the previously dug bed holes.

The limits of bedding shall be from six inches (6") below the bottom of the pipe to twelve inches (12") above the top of the pipe. Approved backfill may then be installed to the groundline. See Section 6 of these Standards for backfill and composition of backfill.

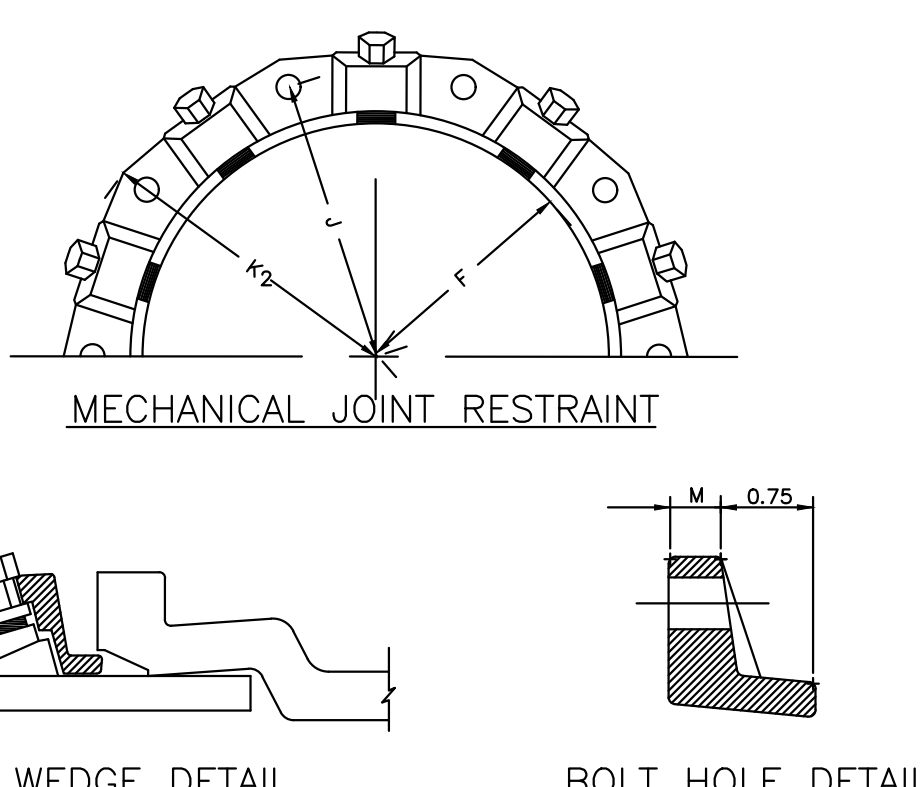
Compaction of bedding is not required. The only requirement is sufficient tamping to achieve uniform support under the pipe. See Sheet 8 of the Standard Drawings for a typical trench cross section.

(d) Bedding Material: The bedding material shall be a clean well-graded sand or squeegee sand and shall conform to the following limits when tested by means of laboratory sieves:

Sieve Size	Total Percent Passing by Weight
3/8 inch	100
No. 4	85-100
No. 8	80-100
No. 16	50-85
No. 30	20-60
No. 50	10-30
No. 100	2-10
No. 200	0

Sieve Size	Total Percent Passing by Weight
3/8 inch	100
No. 100	0-5

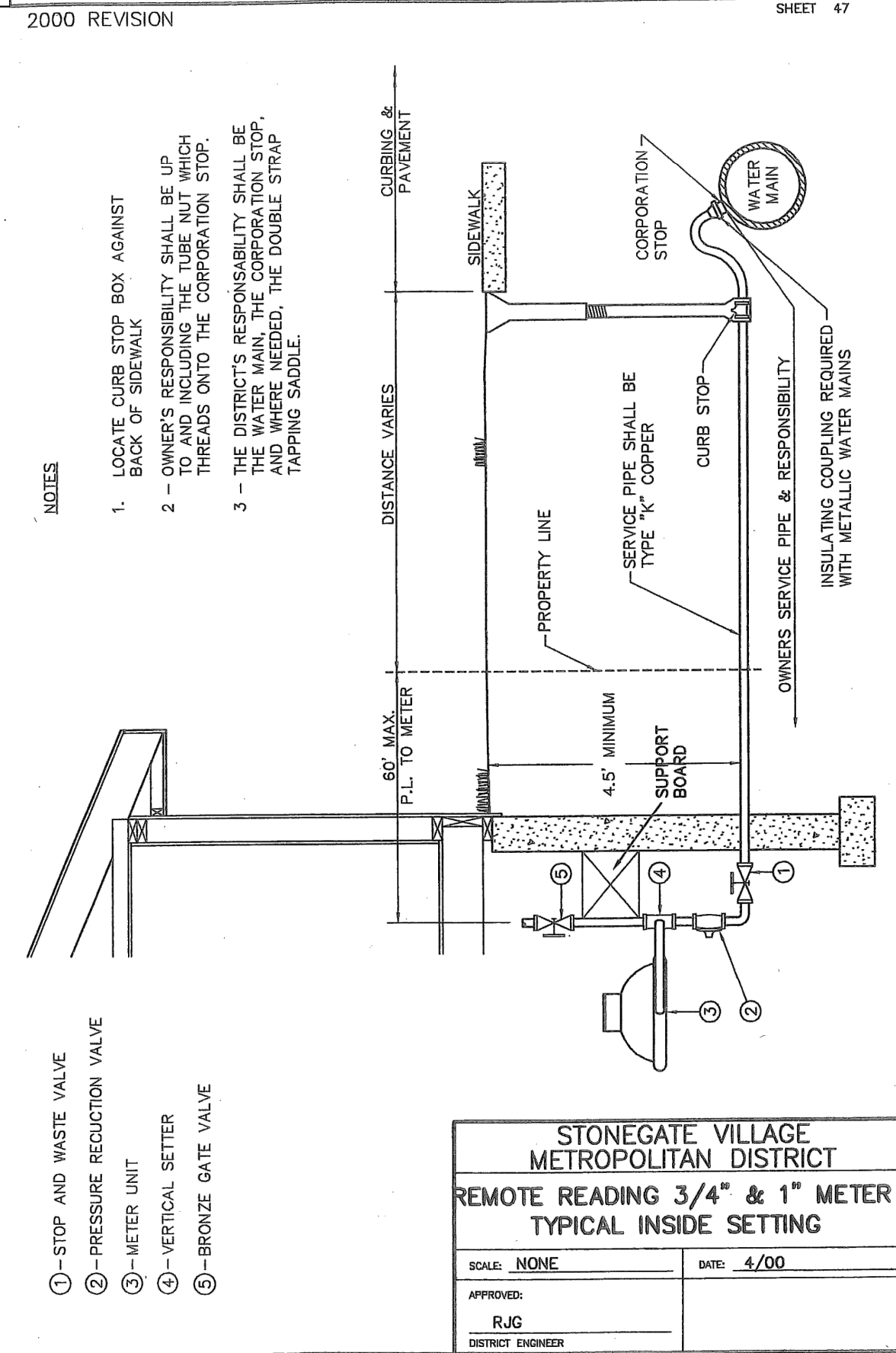
If approved by the District, fines from the trench walls and spoils pile may be used to provide uniform support for the pipe. No rock or stone larger than that allowed by the sieve analysis, or any other detrimental substance, shall be placed closer to the pipe than six inches (6"). Approved bedding materials shall be stockpiled on the jobsite to be used in the event natural materials become unsatisfactory. The District reserves the right to require the use of the specified bedding material at any time.



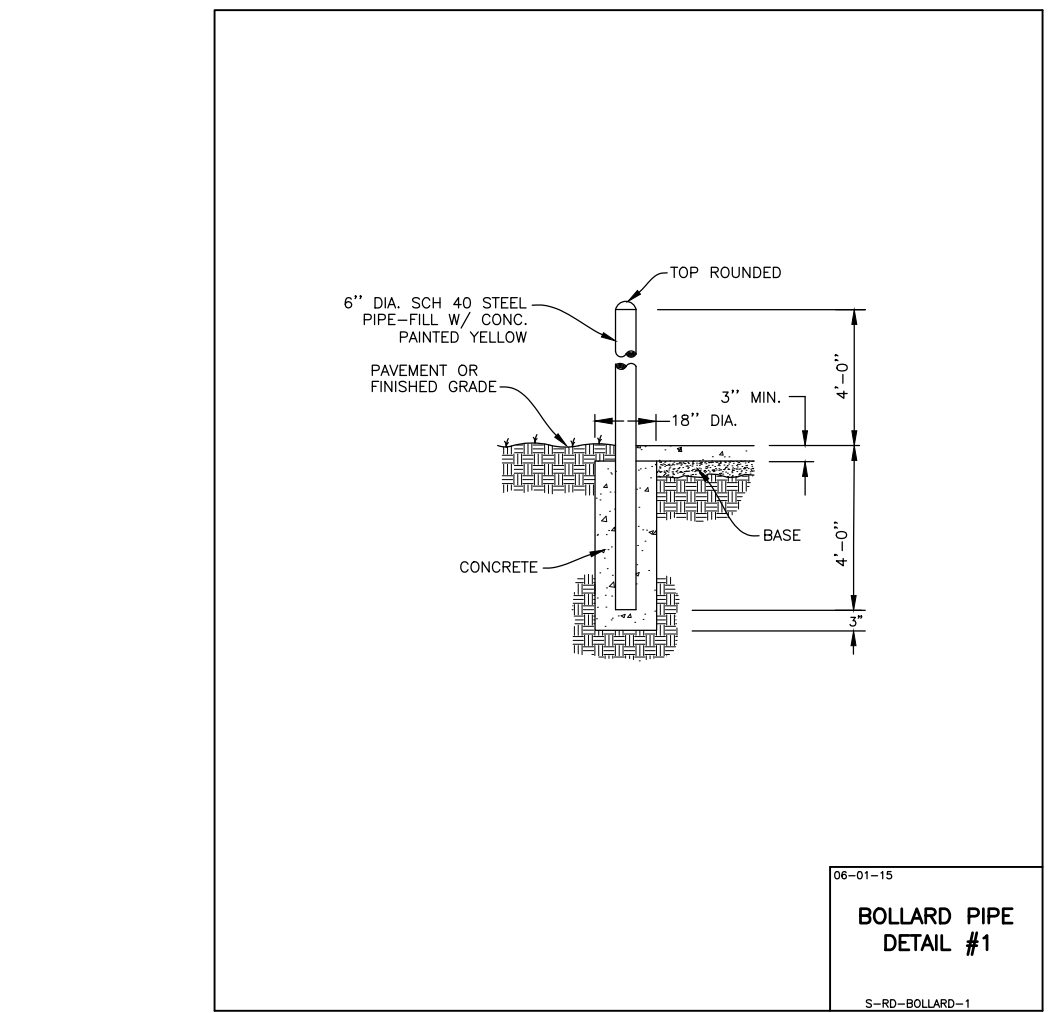
NOMINAL PIPE SIZE	NO. OF BOLTS	NO. OF WEDGES	K2 INCHES	J INCHES	F INCHES	M INCHES
4"	2	2				
6"	6	3	11.12	9.5	7.00	0.88
8"	6	4	13.37	11.75	9.15	1.00
10"	8	6	15.62	14.00	11.20	1.00
12"	8	8	17.88	16.25	13.30	1.25
4"	4	2				
6"	6	3	11.12	9.5	7.00	0.88
8"	6	4	13.37	11.75	9.15	1.00
10"	8	6	15.62	14.00	11.20	1.00
12"	8	8	17.88	16.25	13.30	1.25

- NOTES:
- REFER TO SHEET W-19 SECTION 6.10.
 - DIMENSIONS FOR 16" AND 20" D.I. PIPE NOT SHOWN.

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



STONEGATE VILLAGE METROPOLITAN DISTRICT	
REMOTE READING 3/4\"/>	
SCALE: NONE	DATE: 4/00
APPROVED: R/JG	DISTRICT ENGINEER



STONEGATE VILLAGE METROPOLITAN DISTRICT	
BOLLARD PIPE DETAIL #1	
SCALE: NONE	DATE: 4/00
APPROVED: R/JG	DISTRICT ENGINEER

Manhard CONSULTING

17600 East Orchard Road, Suite 100-100, Greenwood Village, CO 80120, phone: 303.778.0500 manhard.com

Civil Engineering | Surveying & Geospatial Services | GIS | Construction Management | Water Resource Management

DATE: 11/20/2020

REVISIONS:

NO.	DATE	DESCRIPTION
1	11/20/2020	REVISED PER SAID COMMENTS
2	07/2017	FINAL SUBMITTAL
3	06/2017	REVISED ALLEY EASEMENTS
4	08/2016	REVISED PER SAID COMMENTS

COMPARK VILLAGE SOUTH FILING NO. 2 - AMENDMENT NO. 1

TOWN OF PARKER, COLORADO

WATER SYSTEM CONSTRUCTION DETAILS

PROJ. MGR.: R/JM

PROJ. ASSOC.: RAK

DRAWN BY: ASD

DATE: 10/2016

SHEET 14 OF 14

CLCPK3

37642 11-20-2020 PROFESSIONAL ENGINEER