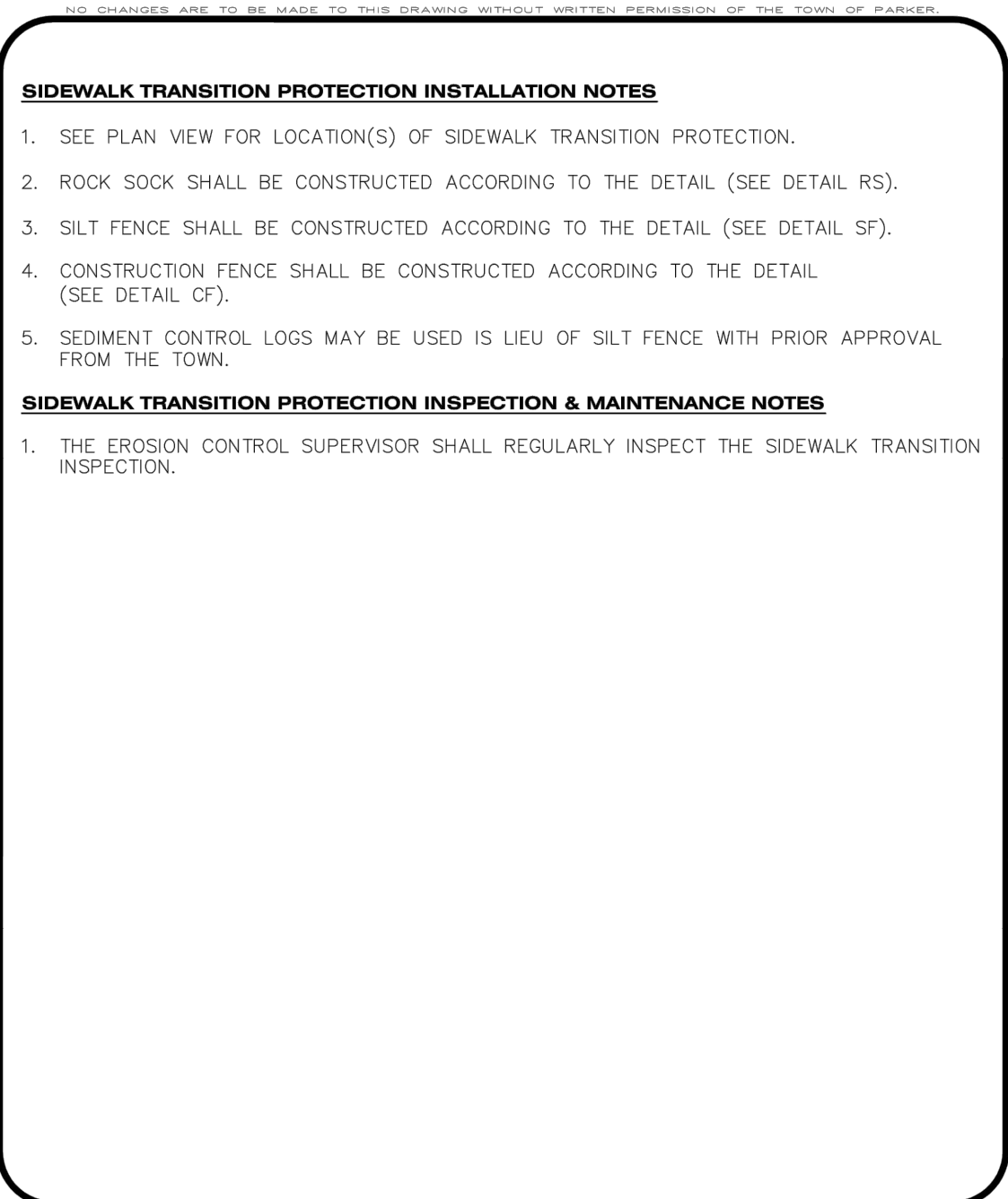
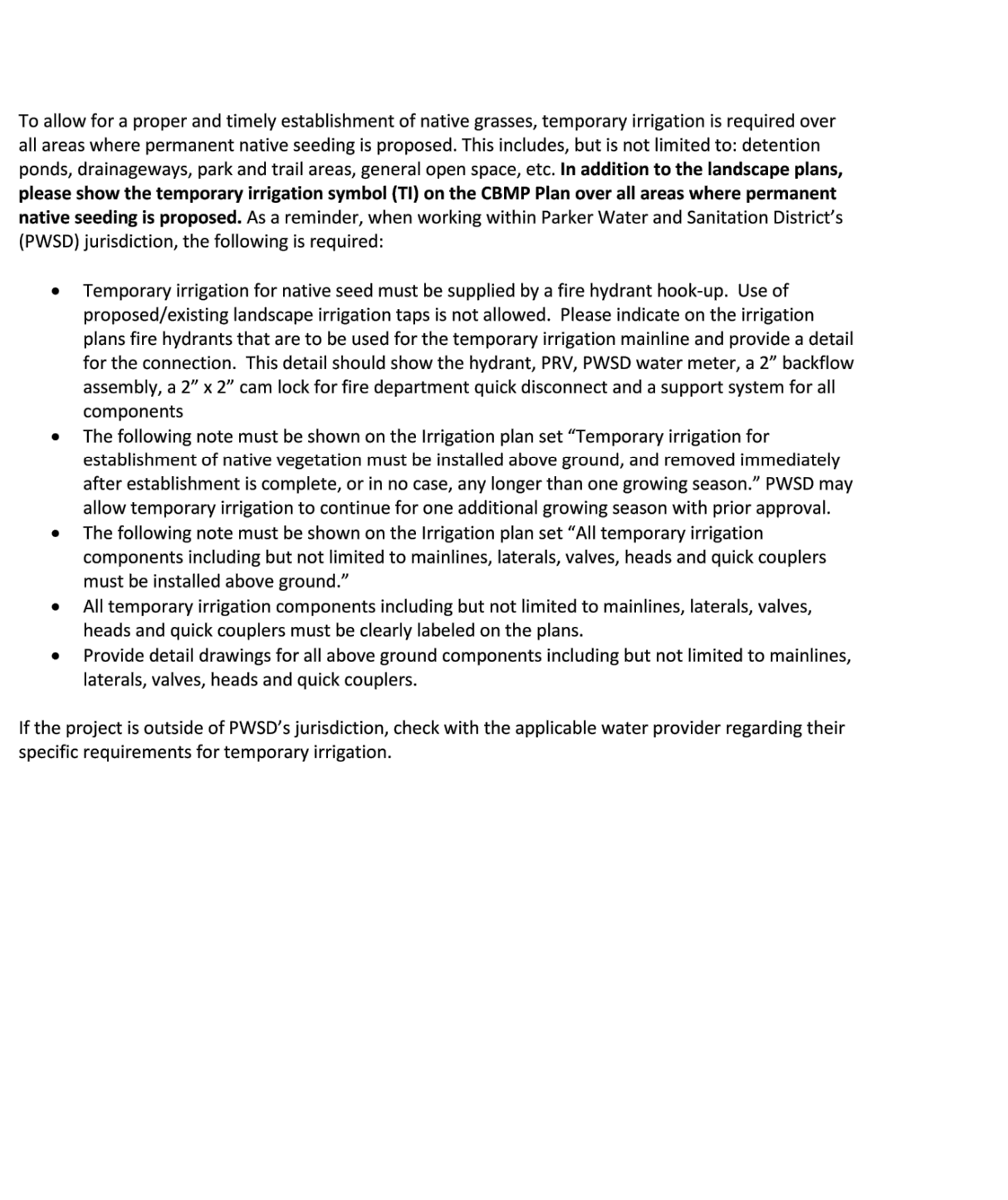


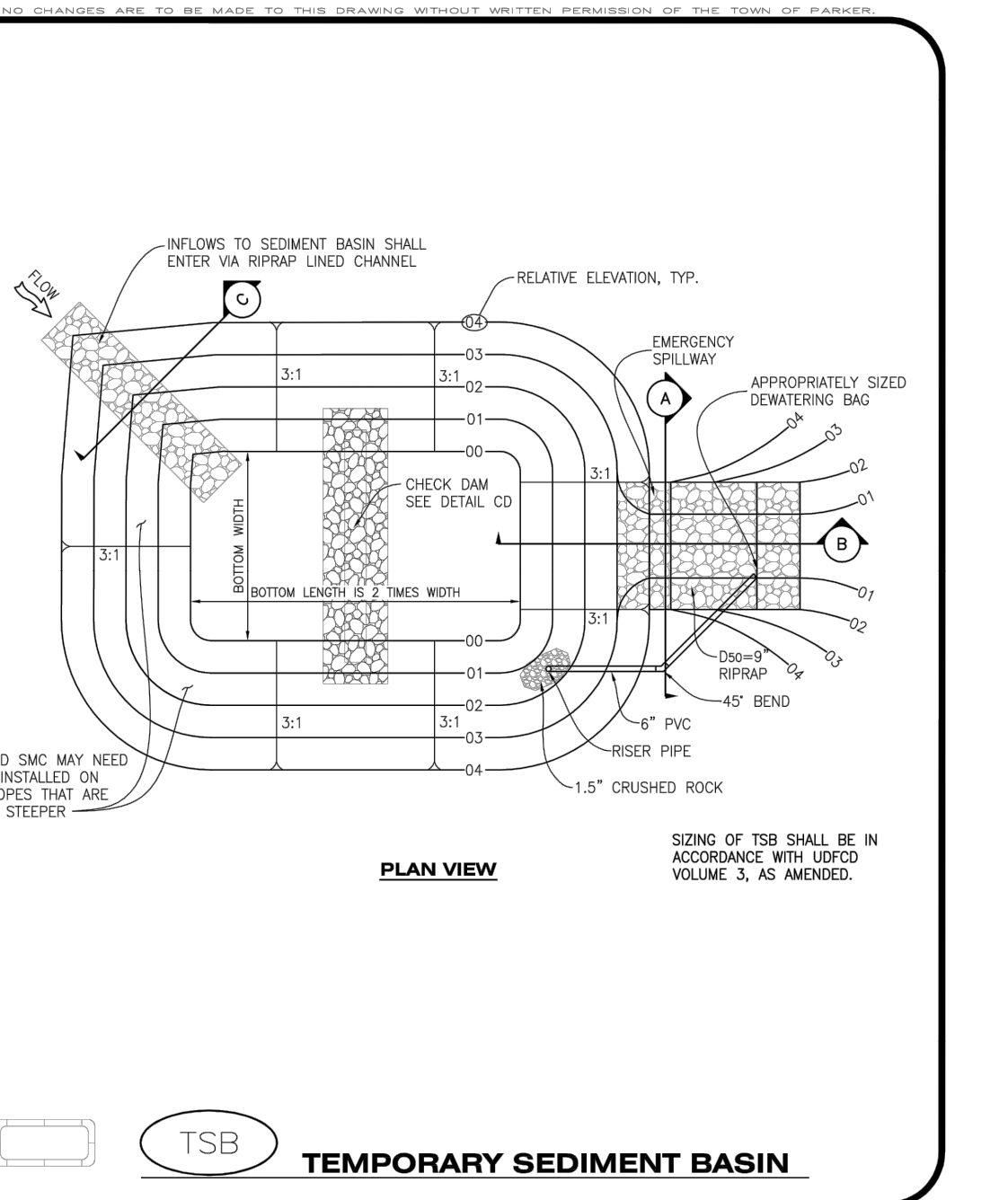
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CBMP
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STP
 2 OF 3
 Oct. 2013



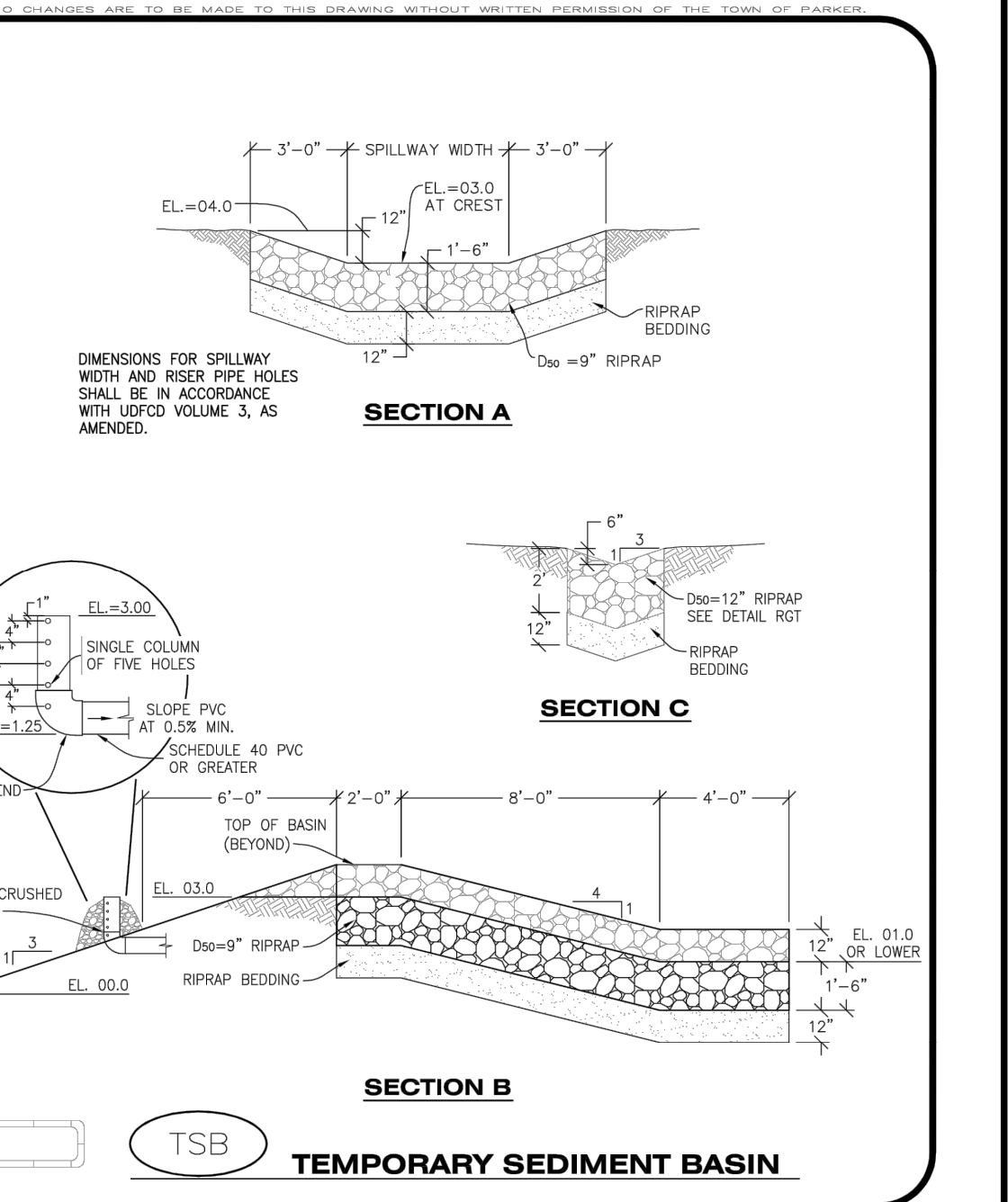
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STP
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 Oct. 2013



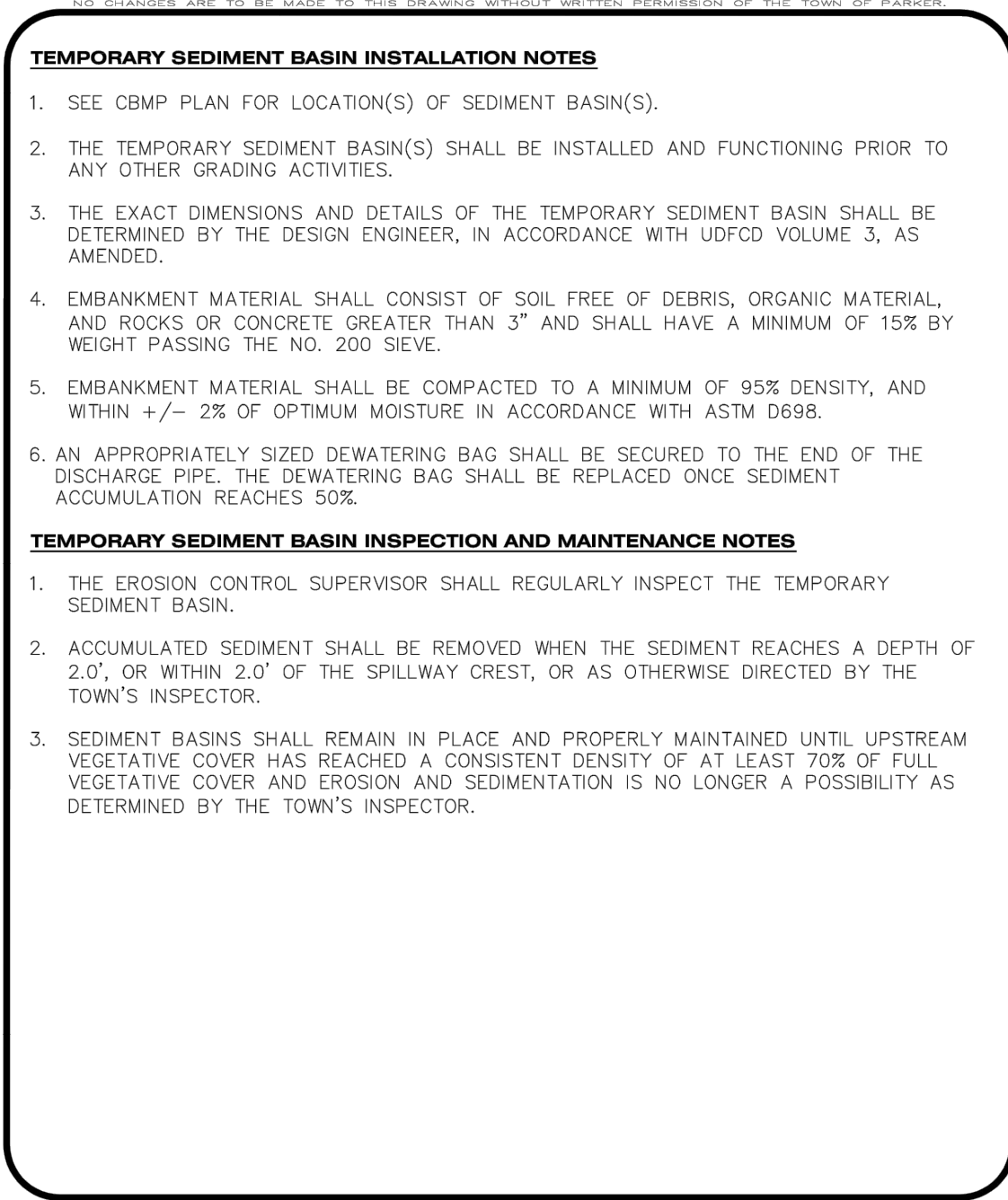
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TSB
 1 OF 3
 Oct. 2013



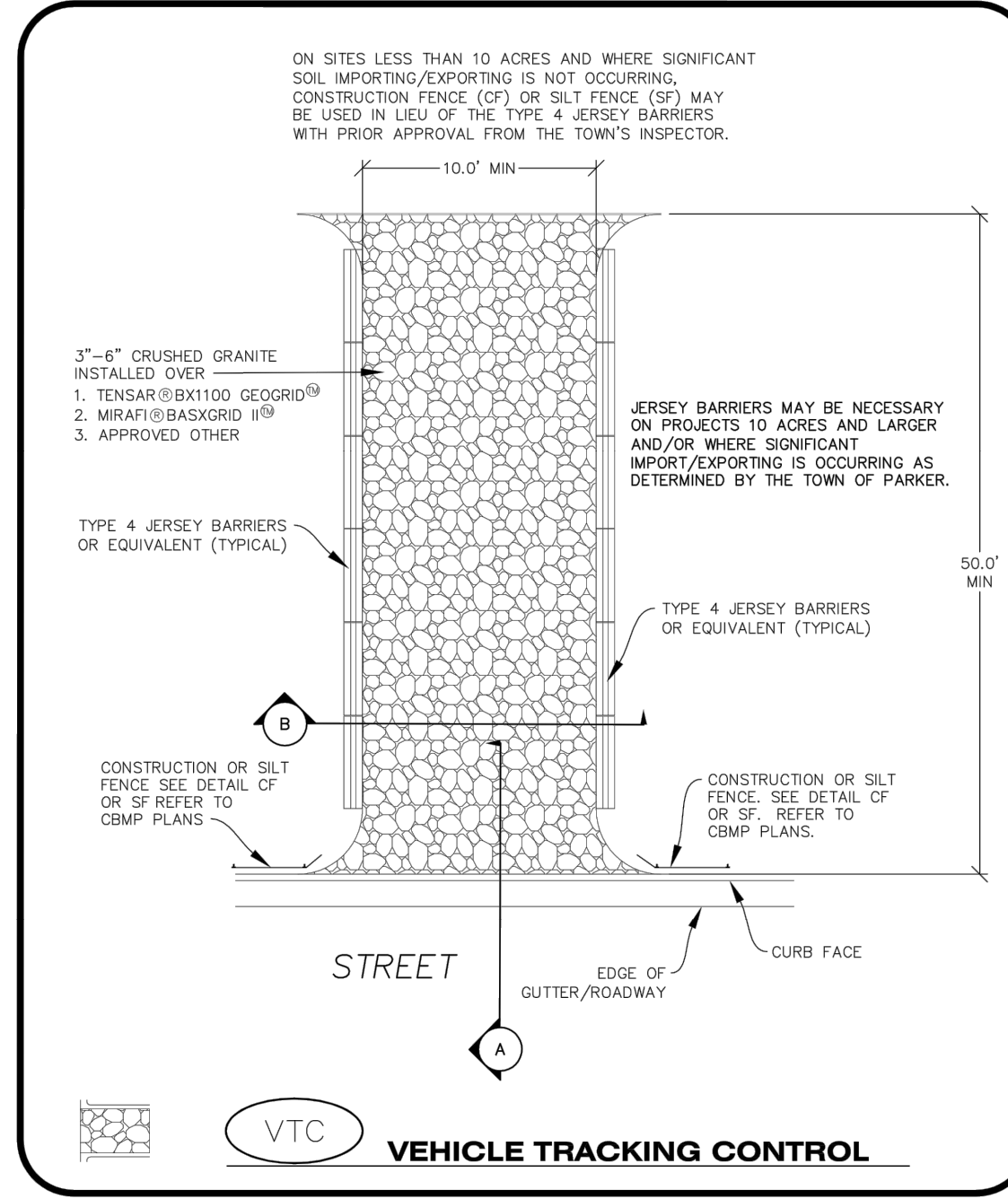
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 Oct. 2013



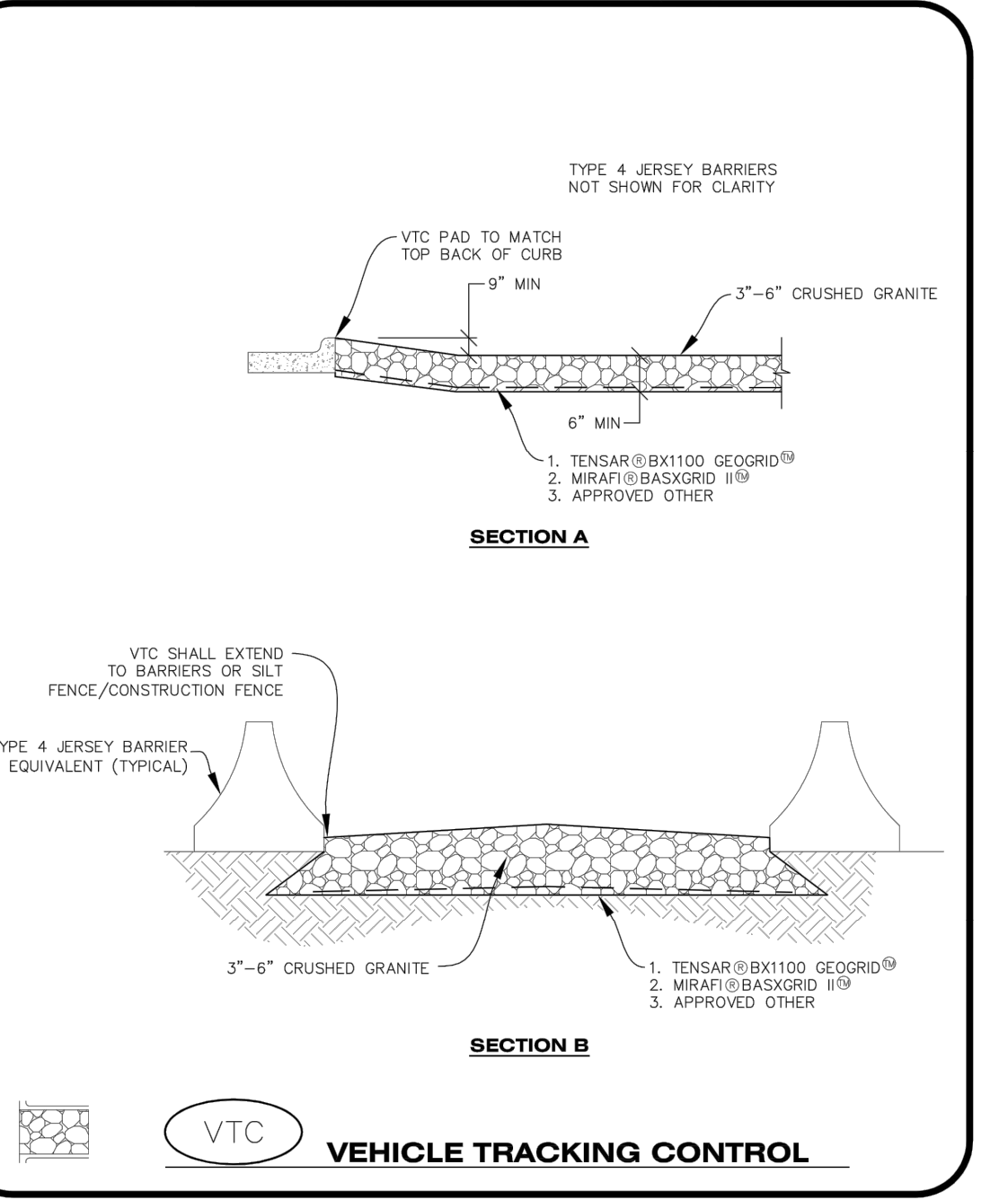
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 3 OF 3
 Oct. 2013



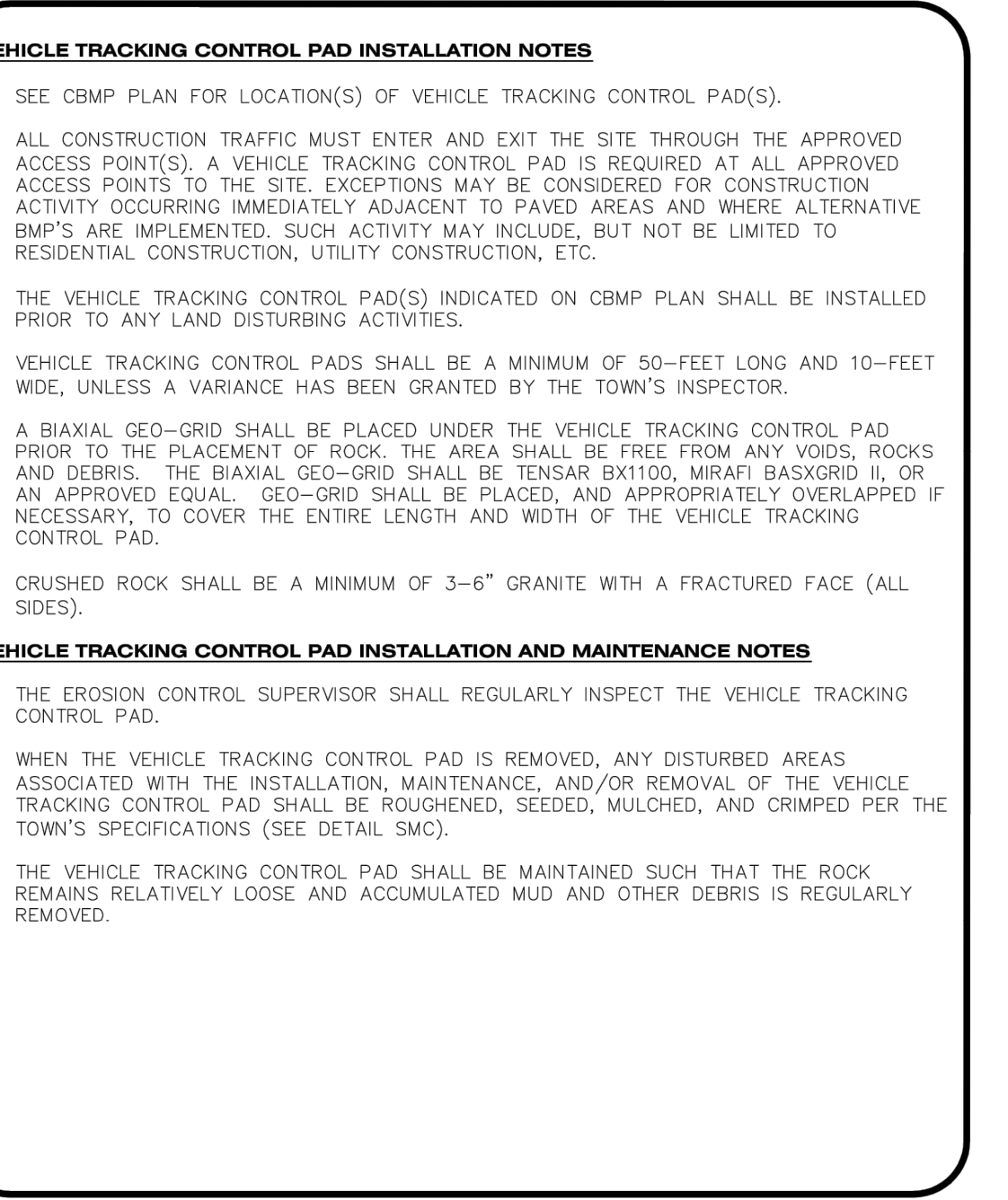
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TEMPORARY SEDIMENT BASIN
CBMP
 CONSTRUCTION BEST MANAGEMENT PRACTICES
TSB
 1 OF 3
 Oct. 2013



VTC
VEHICLE TRACKING CONTROL
CBMP
 CONSTRUCTION BEST MANAGEMENT PRACTICES
VTC
 1 OF 3
 Oct. 2013



VTC
VEHICLE TRACKING CONTROL
CBMP
 CONSTRUCTION BEST MANAGEMENT PRACTICES
VTC
 2 OF 3
 Oct. 2013



VTC
VEHICLE TRACKING CONTROL
CBMP
 CONSTRUCTION BEST MANAGEMENT PRACTICES
VTC
 3 OF 3
 Oct. 2013



VTC
VEHICLE TRACKING CONTROL
CBMP
 CONSTRUCTION BEST MANAGEMENT PRACTICES
VTC
 1 OF 3
 Oct. 2013

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DATE	REVISIONS
08/20/20	SUBMITTAL FOR REAPPROVAL
05/20/20	SUBMITTAL FOR REAPPROVAL
03/20/20	SUBMITTAL FOR REAPPROVAL
02/20/20	ALLEY PARKING PER TOWN OF PARKER
12/20/16	THIRD SUBMITTAL
11/20/16	THIRD SUBMITTAL

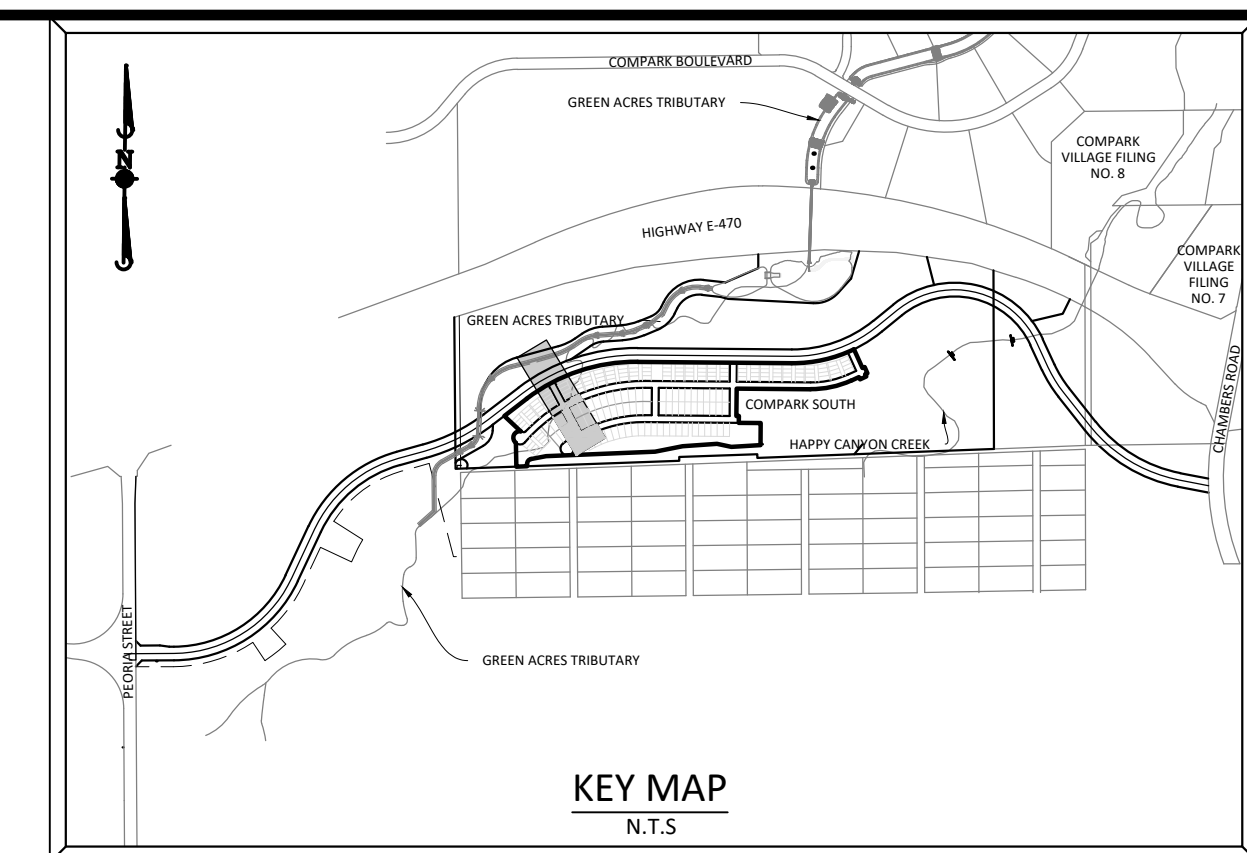
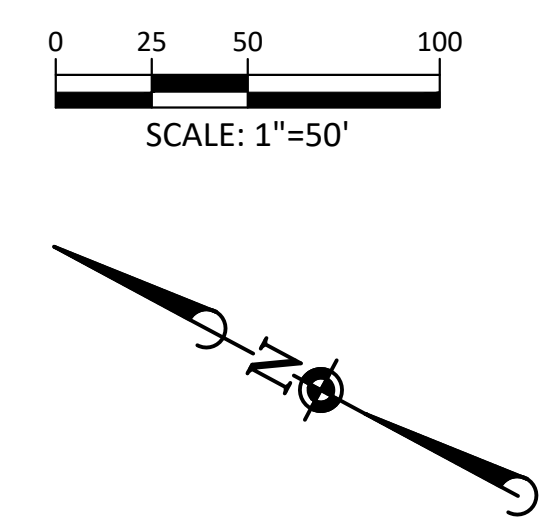
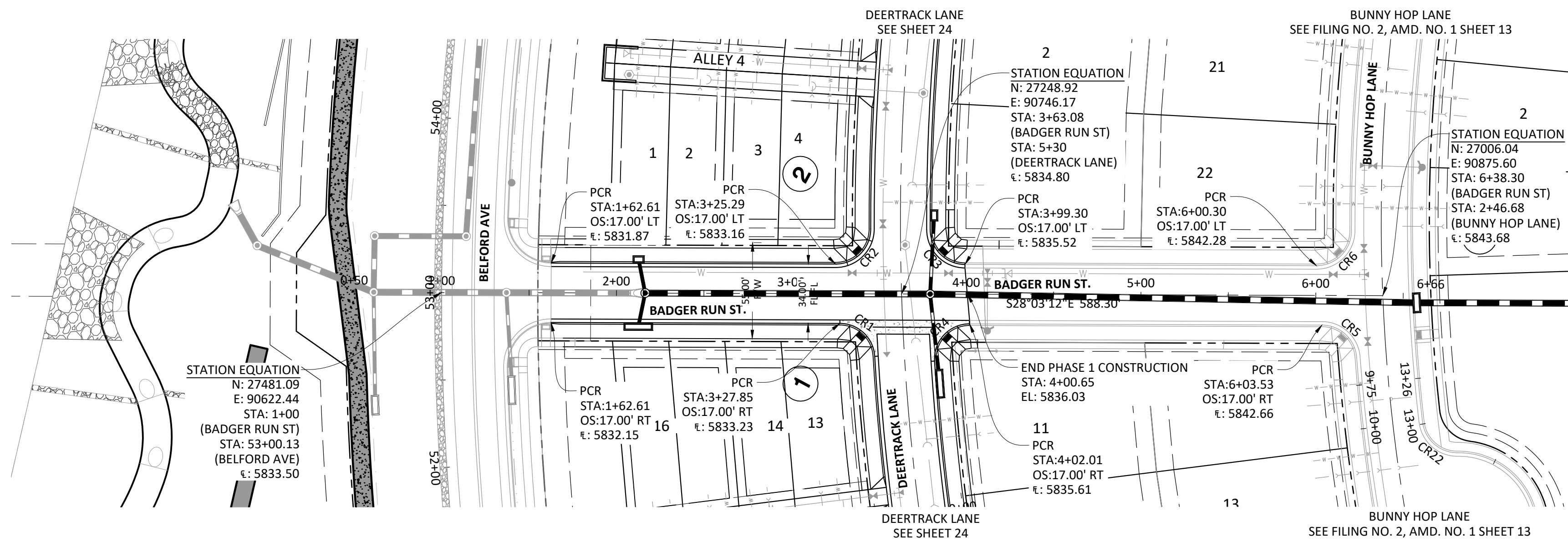
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 Water Resource Management | Construction Management

COMPARK VILLAGE SOUTH FILING NO. 2
TOWN OF PARKER, COLORADO
CBMP DETAILS

PROJ. MGR.: RJM
 PROJ. ASSOC.: RAK
 DRAWN BY: RAK
 DATE: 09/20/16

SHEET
21 OF **43**
 CLCPK3

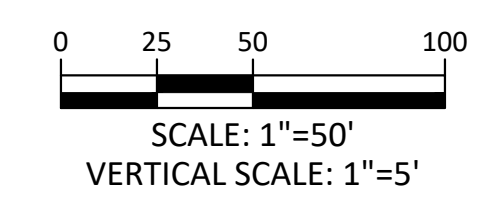
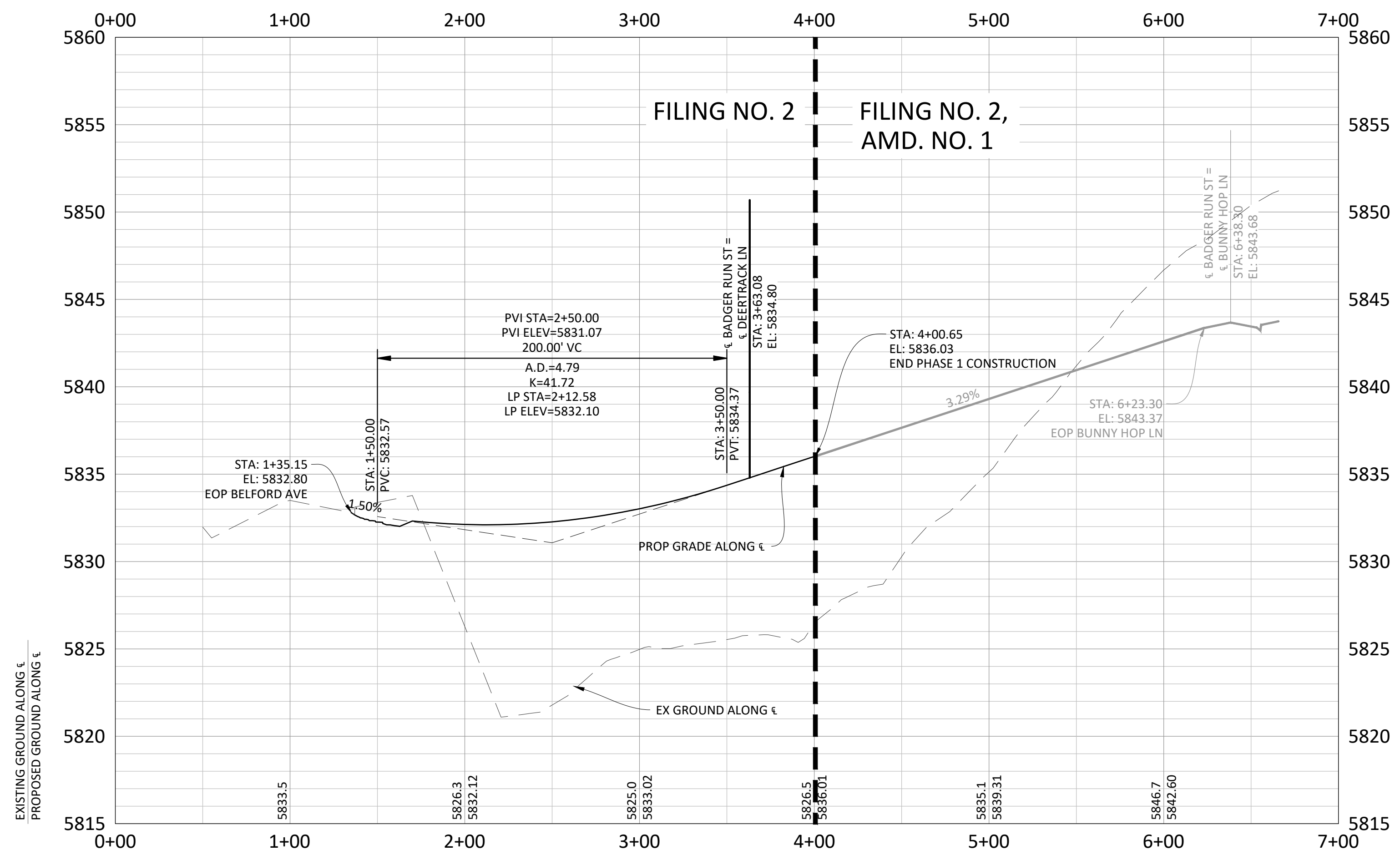
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SOURCE BENCHMARKS:
 DOUGLAS COUNTY BM 1.115010
 A DOUGLAS COUNTY GIS MONUMENT SET IN CONCRETE LOCATED APPROXIMATELY 130 FEET SOUTHWESTERLY OF THE CENTERLINE OF CHAMBERS ROAD AND 95 FEET NORTHWESTERLY OF THE CENTERLINE OF COMPARK BOULEVARD. ELEVATION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

BADGER RUN ST.

CURVE TABLE					
Curve #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
CR1	30.16'	20.00'	86°24'53"	S15° 09' 14.72"W	30.16
CR2	31.55'	20.00'	90°22'32"	N73° 14' 28.16"W	31.55
CR3	31.28'	20.00'	89°36'07"	S16° 44' 51.75"W	31.28
CR4	32.74'	20.00'	93°47'53"	N74° 57' 08.47"W	32.74
CR5	29.84'	20.00'	85°28'17"	N14° 40' 56.56"E	29.84
CR6	31.58'	20.00'	90°28'28"	S73° 17' 25.76"E	31.58



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- REFER TO GENERAL NOTES ON SHEET 2 FOR ALL APPLICABLE CONSTRUCTION STANDARDS.
- ALL ROAD ELEVATIONS SHOWN IN PROFILE ARE CENTERLINE OF PAVEMENT UNLESS OTHERWISE NOTED.
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- TFI INDICATES TOP FRONT OF INLET ELEVATION. TFI ELEVATIONS SHOWN ON INLETS IN PLAN VIEW ARE AT FRONT CORNERS OF INLET. REFER TO SPECIFIC INLET DETAILS ON STORM SEWER PLAN AND PROFILE.
- REFER TO STONEGATE VILLAGE METRO DISTRICT WATER AND SANITARY SEWER CONSTRUCTION PLAN SET FOR ALL PROPOSED WATER AND SANITARY SEWER LOCATIONS.

TOWN OF PARKER APPROVALS

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DATE	REVISIONS
08/20/20	SUBMITTAL FOR REAPPROVAL
05/20/20	SUBMITTAL FOR REAPPROVAL
07/20/19	SUBMITTAL FOR REAPPROVAL
09/20/17	ALLEY PARKING PER TOWN OF PARKER
12/20/16	THIRD SUBMITTAL
11/20/16	SECOND SUBMITTAL

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COMPARK VILLAGE SOUTH FILING NO. 2
 TOWN OF PARKER, COLORADO
 BADGER RUN STREET ROADWAY PLAN & PROFILE

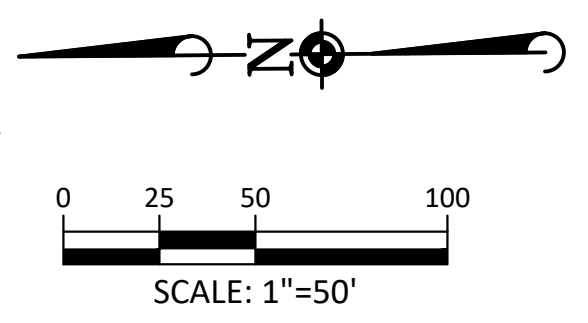
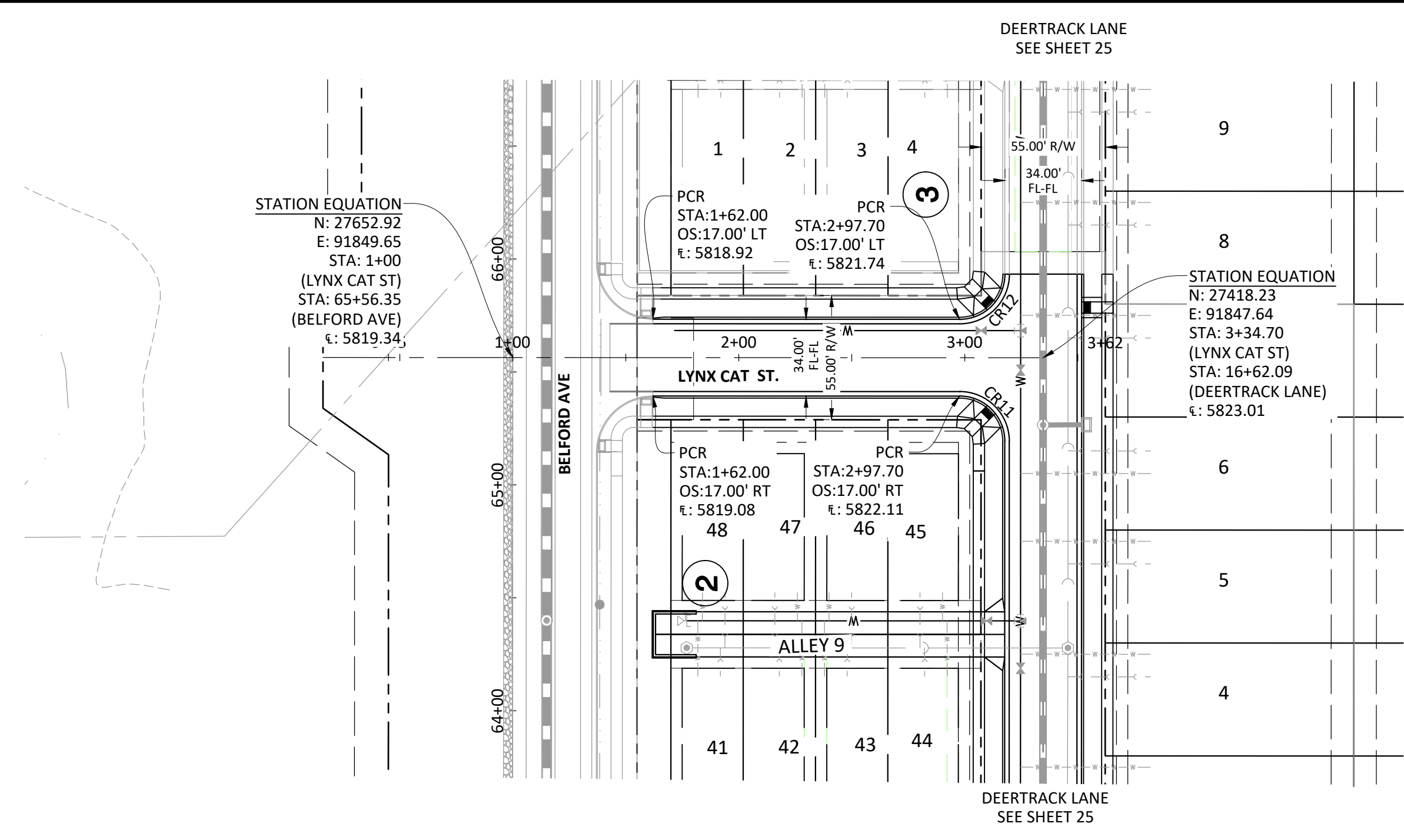
PROJ. MGR.: RJM
 PROJ. ASSOC.: RAK
 DRAWN BY: RAK
 DATE: 09/20/16

SHEET
22 OF **43**
 CLCPKC3

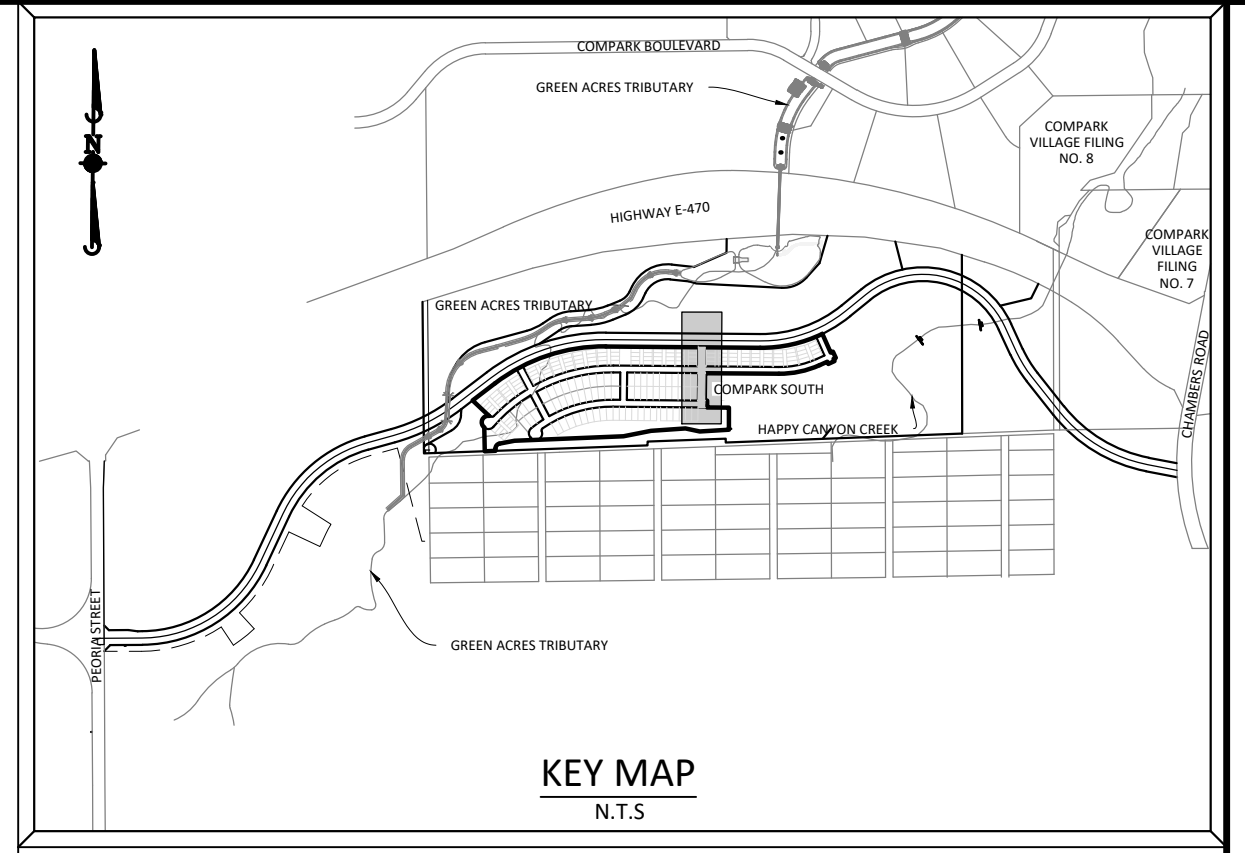
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CURVE TABLE					
Curve #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
CR11	31.42'	20.00'	90°00'00"	N45° 29' 23.01"E	31.42
CR12	31.42'	20.00'	90°00'00"	N44° 30' 36.99"W	31.42



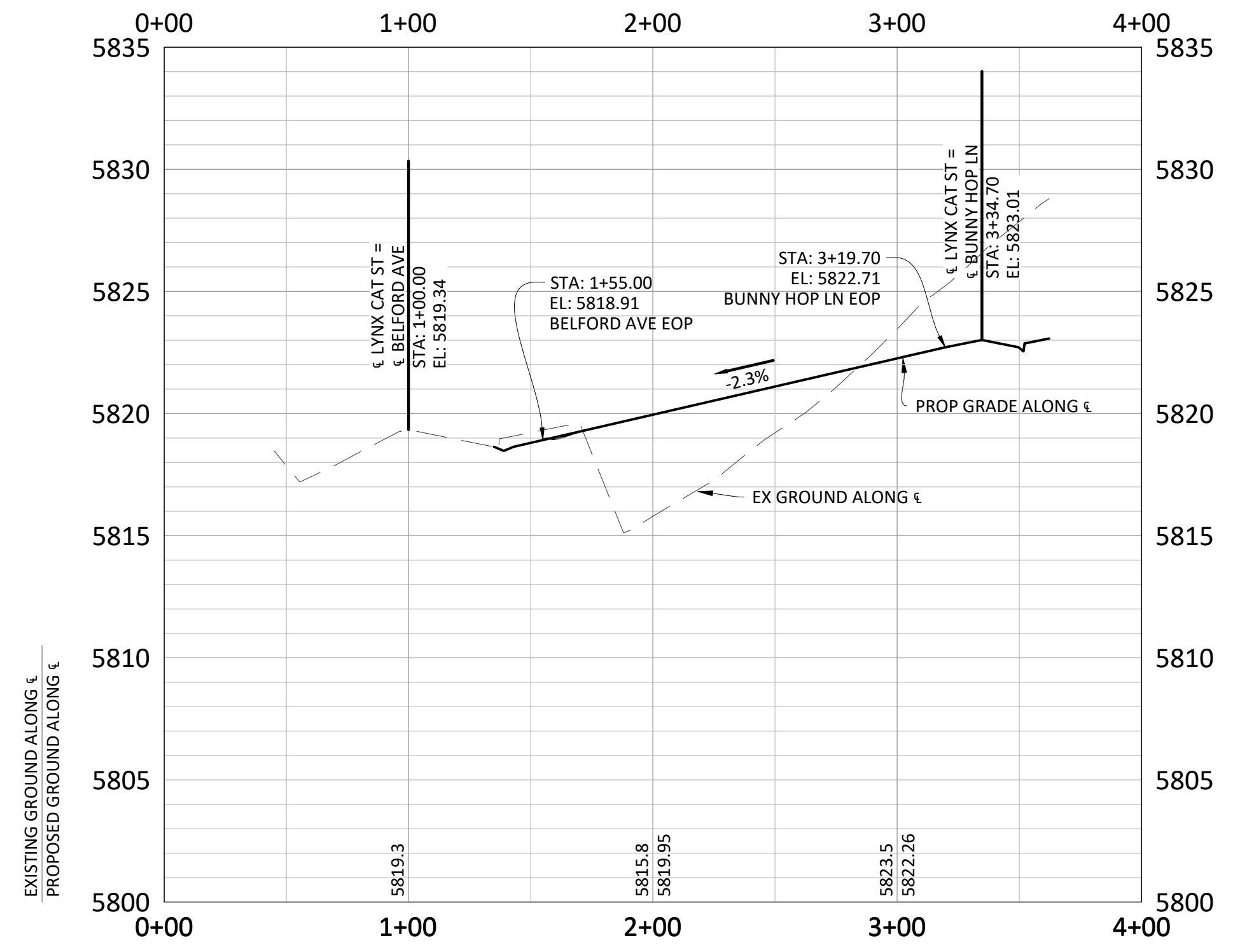
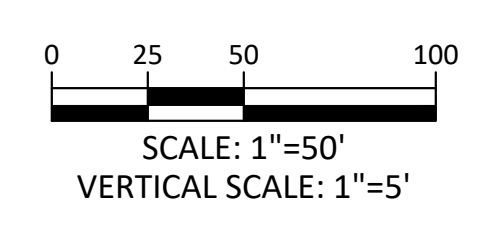
SOURCE BENCHMARKS:
 DOUGLAS COUNTY BM 1.115010
 A DOUGLAS COUNTY GIS MONUMENT SET IN CONCRETE LOCATED APPROXIMATELY 130 FEET SOUTHWESTERLY OF THE CENTERLINE OF CHAMBERS ROAD AND 95 FEET NORTHWESTERLY OF THE CENTERLINE OF COMPARK BOULEVARD. ELEVATION = 5752.84 (NAVD 88)

DATE	REVISIONS
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05/20/20	SUBMITTAL FOR REAPPROVAL
03/20/20	SUBMITTAL FOR REAPPROVAL
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12/20/16	THIRD SUBMITTAL
11/20/16	SECOND SUBMITTAL

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TOWN OF PARKER APPROVALS

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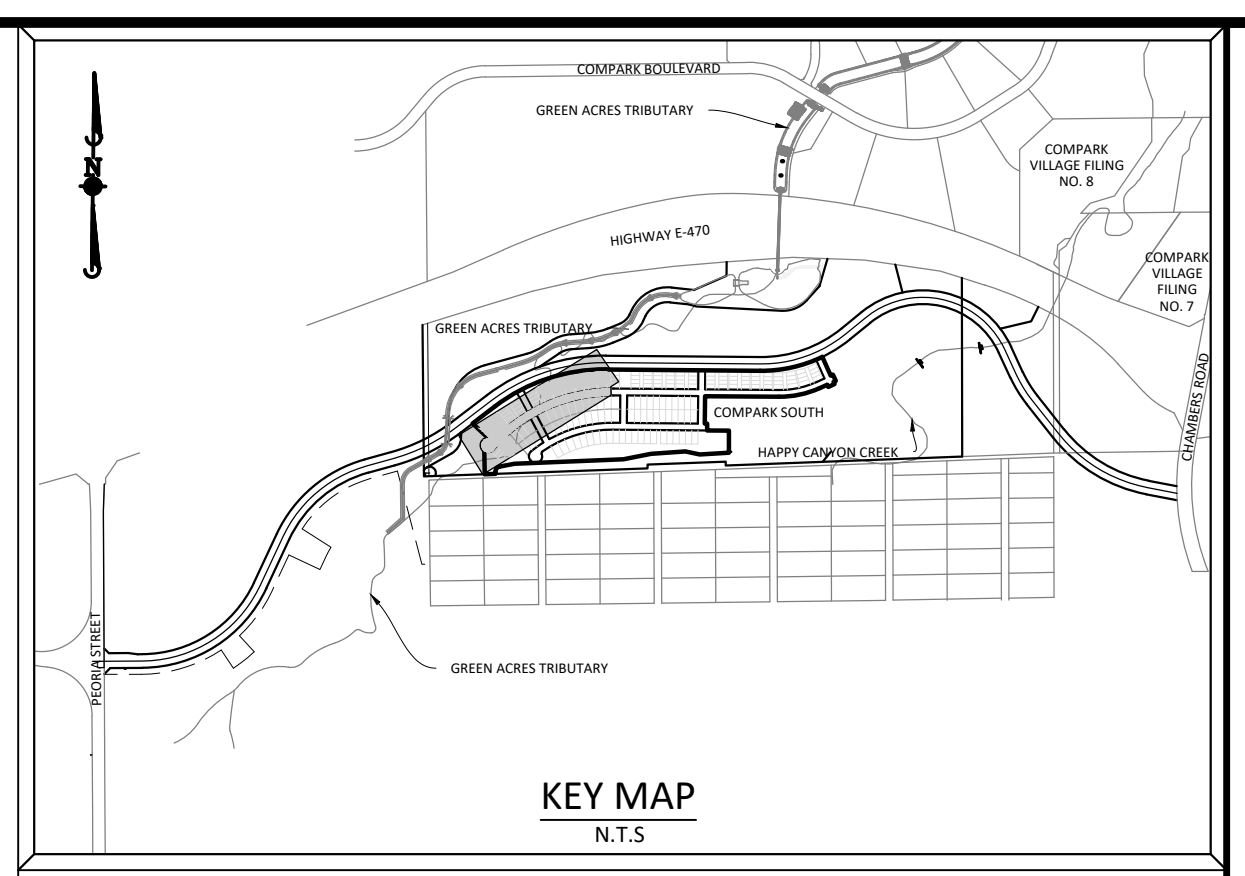
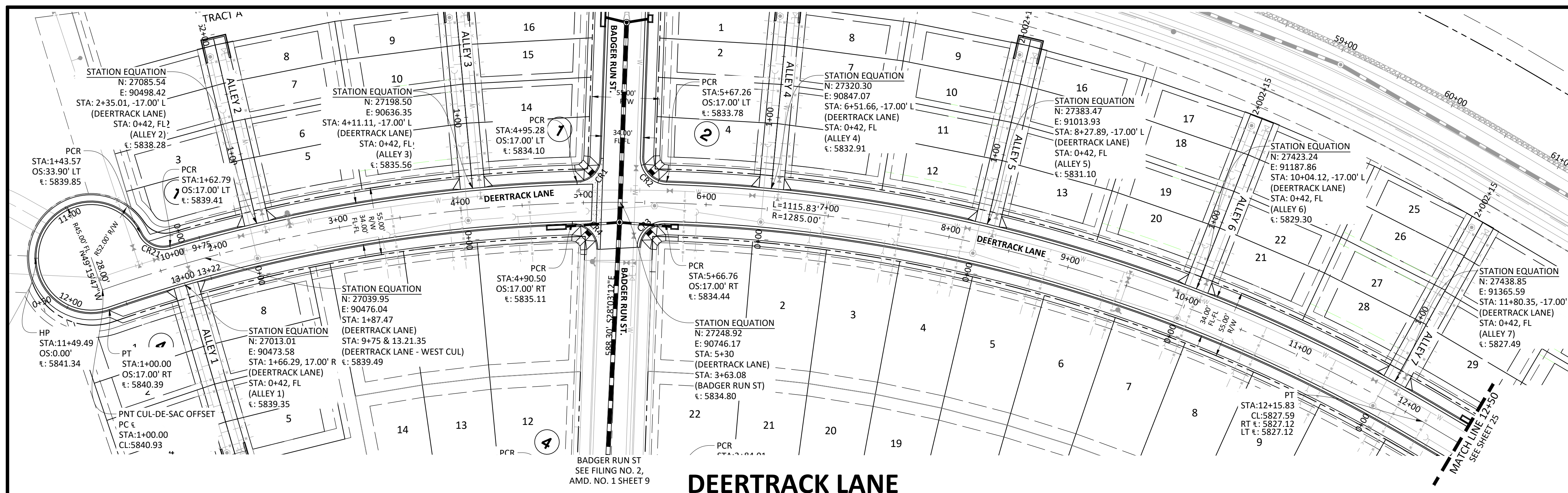
TOWN OF PARKER, DIRECTOR OF ENGINEERING/PUBLIC WORKS DATE

COMPARK VILLAGE SOUTH FILING NO. 2
 TOWN OF PARKER, COLORADO
 LYNX CAT ST ROADWAY PLAN & PROFILE

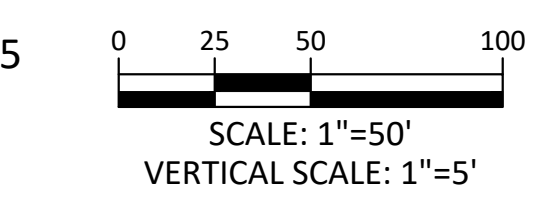
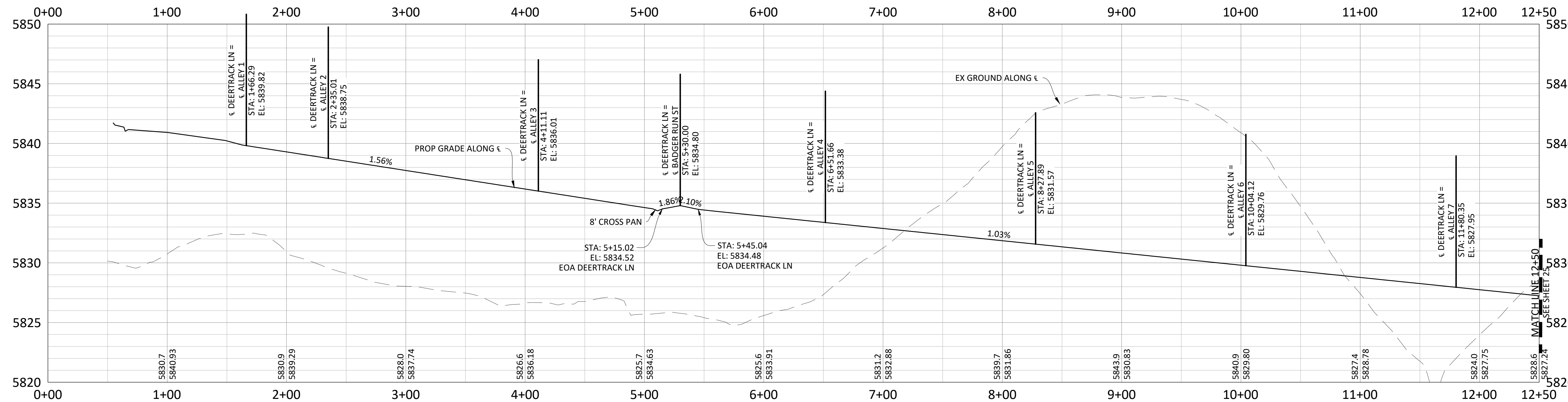
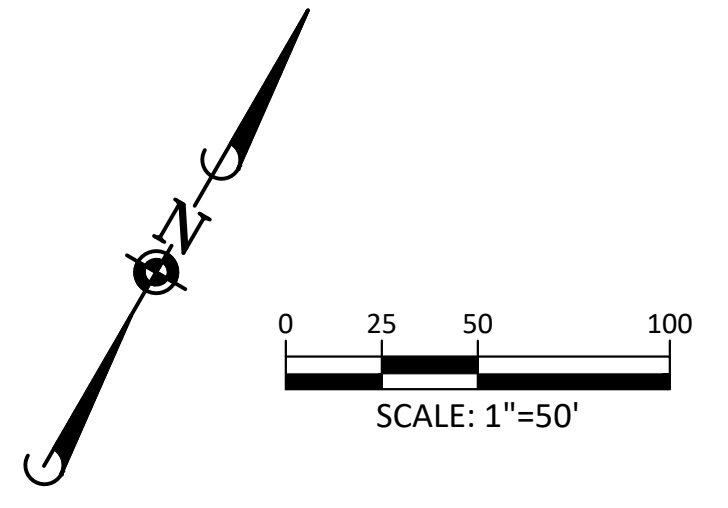
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 PROJ. ASSOC.: RAK
 DRAWN BY: RAK
 DATE: 09/20/16

SHEET
23 OF **43**
 CLCPK3

RESUBMIT FOR APPROVAL - NOT FOR CONSTRUCTION



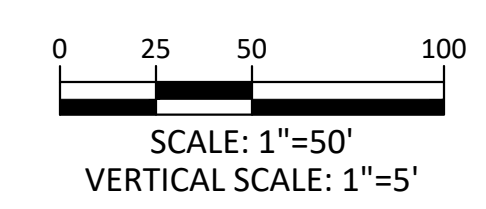
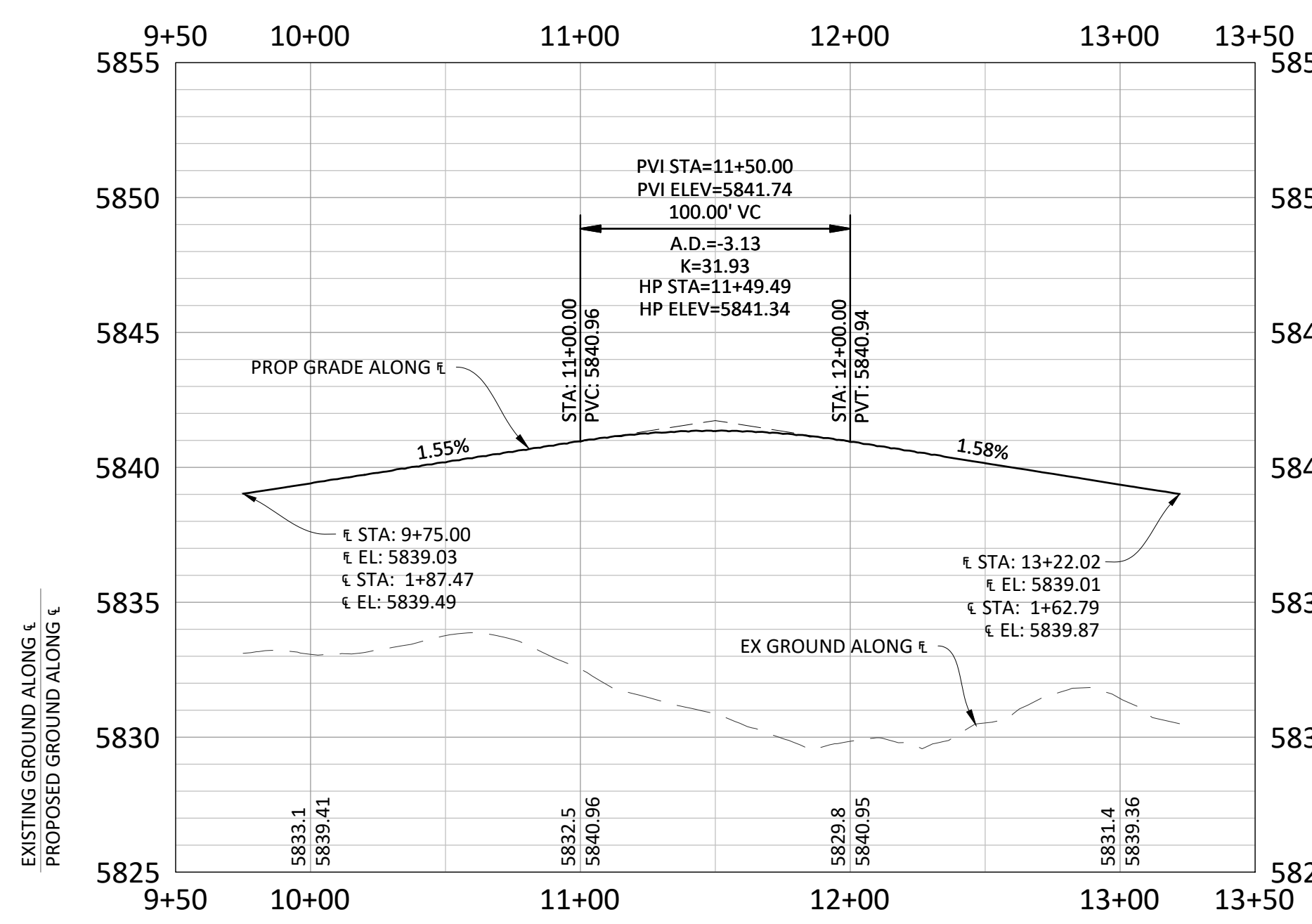
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DOUGLAS COUNTY BM 1.115101
A DOUGLAS COUNTY GIS MONUMENT SET IN CONCRETE LOCATED APPROXIMATELY 130 FEET SOUTHWESTERLY OF THE CENTERLINE OF CHAMBERS ROAD AND 95 FEET NORTHWESTERLY OF THE CENTERLINE OF COMPARK BOULEVARD. ELEVATION = 5752.84 (NAVD 88)



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CURVE TABLE

Curve #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
CR1	30.16'	20.00'	86°24'53"	S15° 09' 14.72"W	30.16
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CR3	31.28'	20.00'	89°36'07"	S16° 44' 51.75"W	31.28
CR4	32.74'	20.00'	93°47'53"	N74° 57' 08.47"W	32.74
CR21	28.15'	20.00'	80°38'37"	S83° 51' 30.76"W	28.15



CUL-DE-SAC FLOWLINE PROFILE



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TOWN OF PARKER, DIRECTOR OF ENGINEERING/PUBLIC WORKS DATE

DATE	REVISIONS
G 08/2020	SUBMITTAL FOR REAPPROVAL
F 05/2020	SUBMITTAL FOR REAPPROVAL
E 03/2020	SUBMITTAL FOR REAPPROVAL
D 02/2020	ALLEY PARKING PER TOWN OF PARKER
C 05/2017	THIRD SUBMITTAL
B 12/2016	SECOND SUBMITTAL
A 11/2016	SECOND SUBMITTAL

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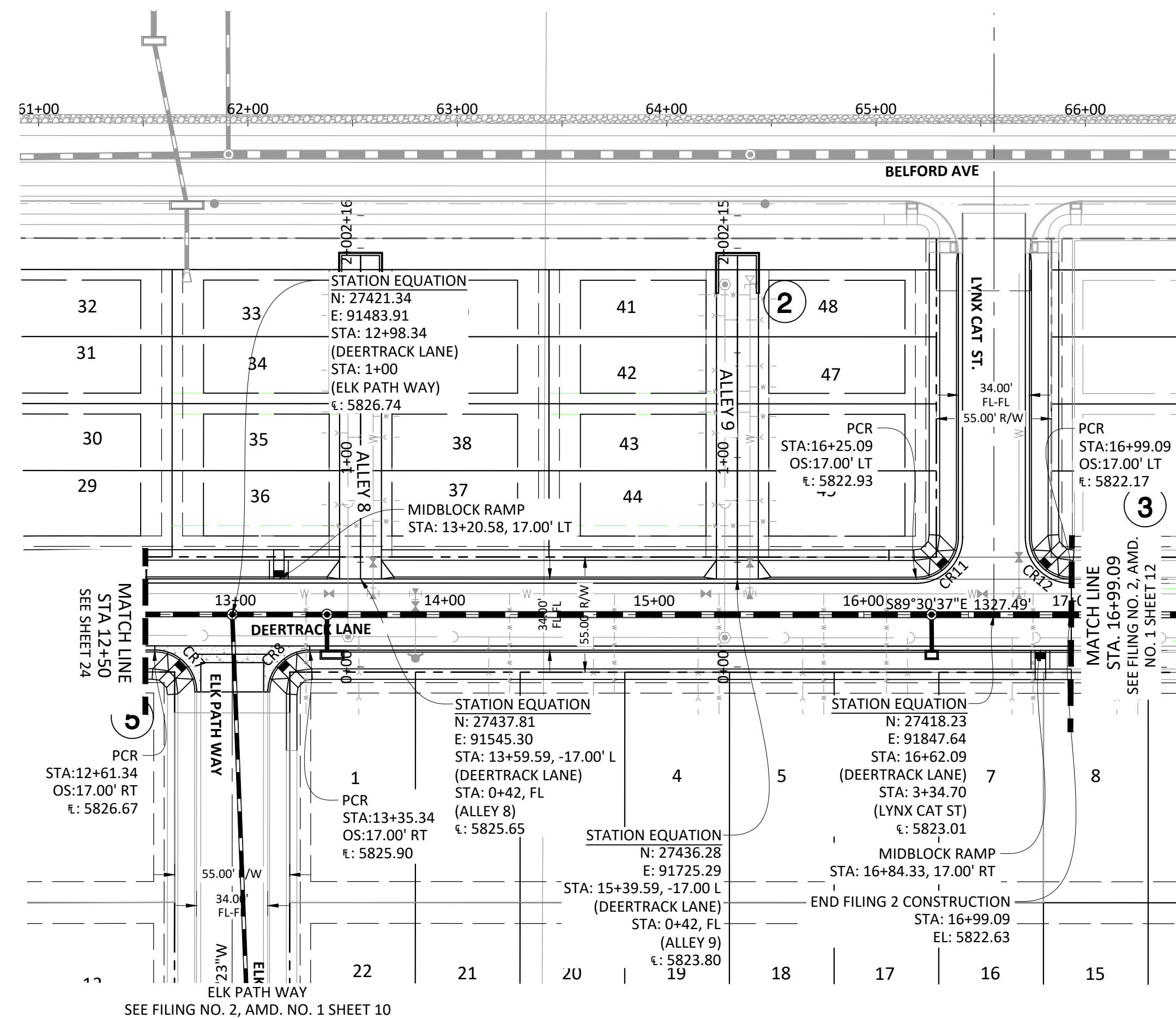
COMPARK VILLAGE SOUTH FILING NO. 2
TOWN OF PARKER, COLORADO
DEERTRACK LANE ROADWAY PLAN & PROFILE

PROJ. MGR.: RJM
PROJ. ASSOC.: RAK
DRAWN BY: RAK
DATE: 09/2016

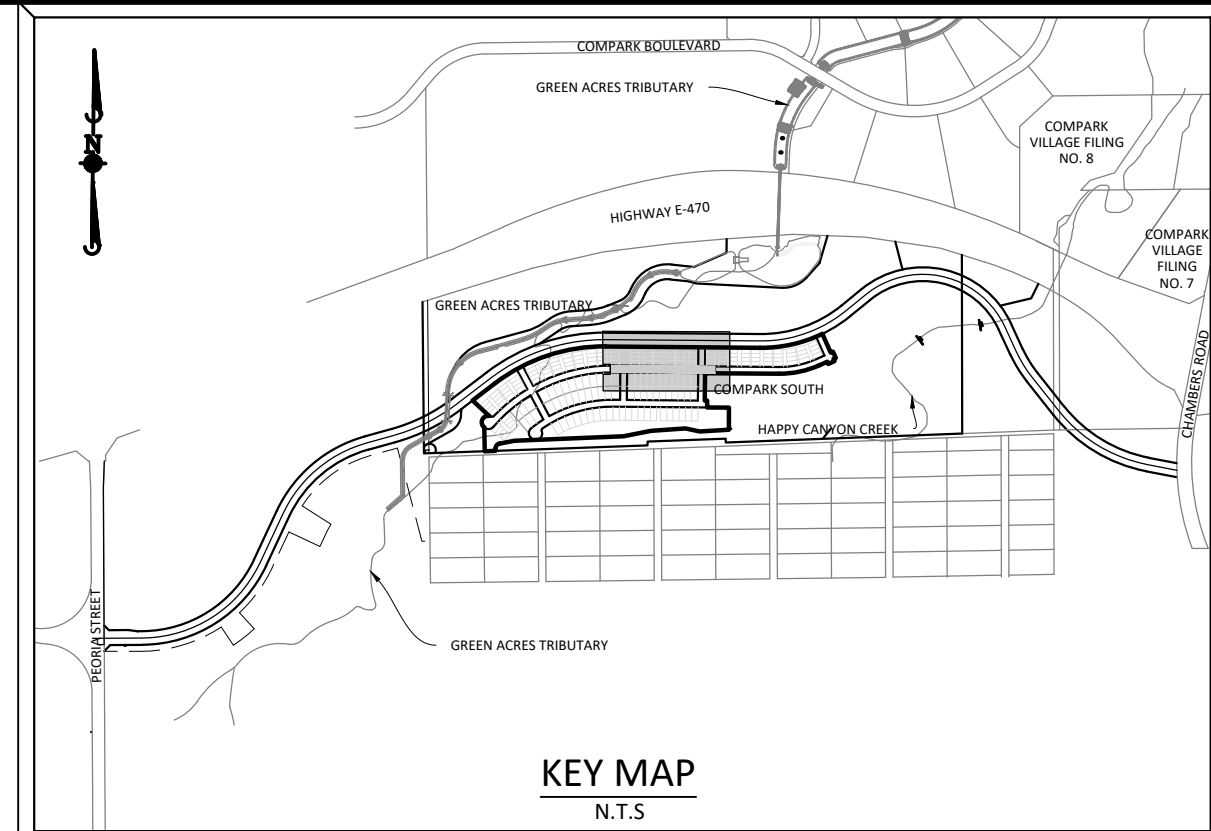
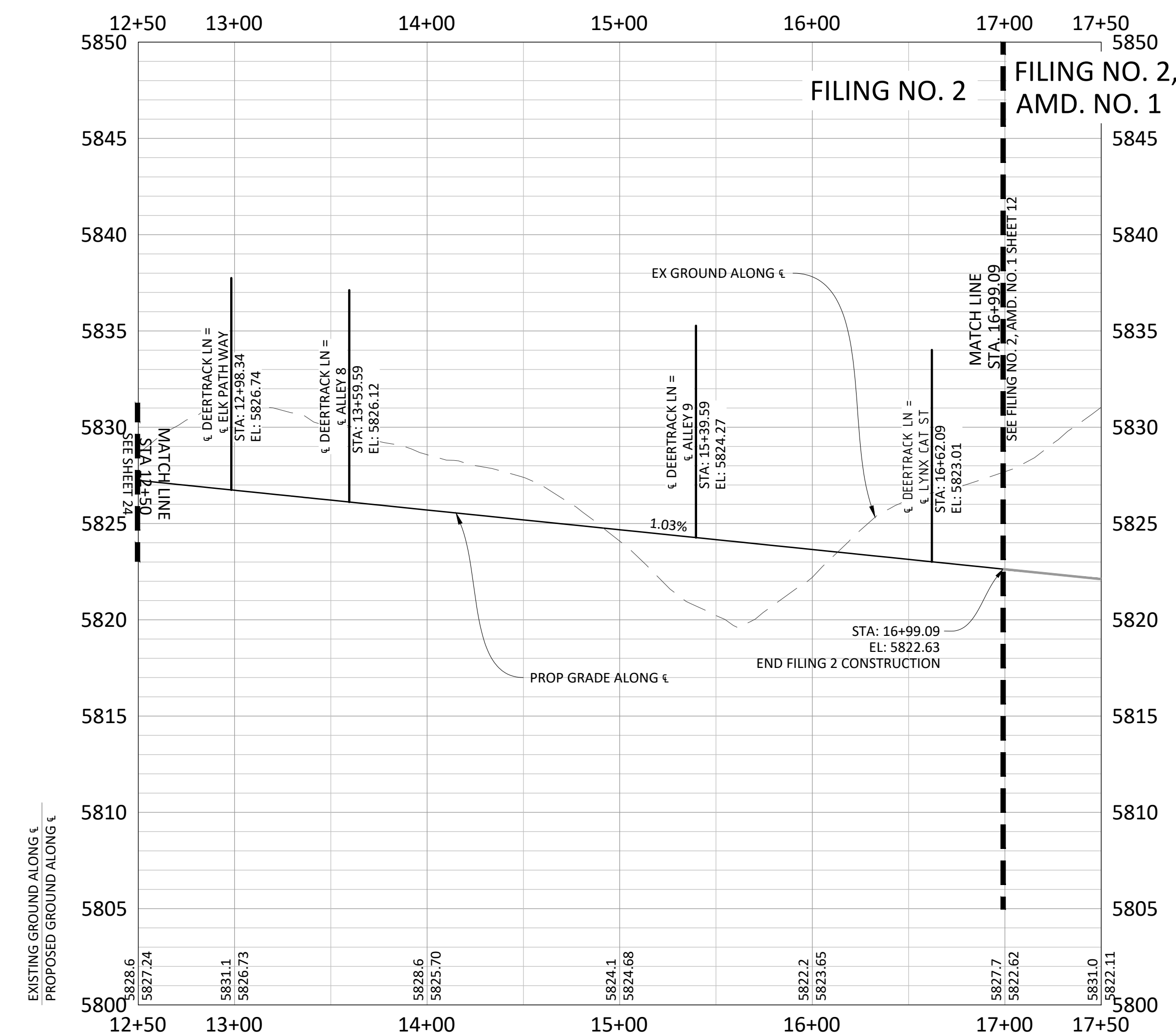
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24 OF 43
CLCPK3

RESUBMIT FOR APPROVAL - NOT FOR CONSTRUCTION

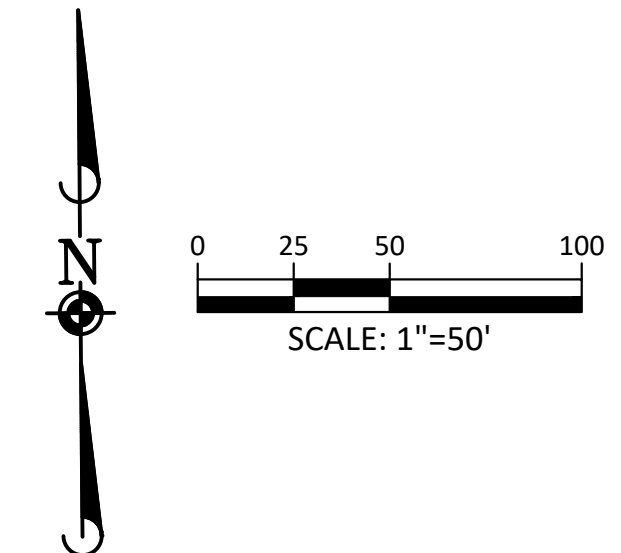
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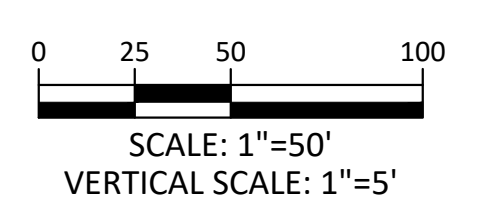
DEERTRACK LANE



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)



CURVE TABLE					
Curve #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
CR7	31.42'	20.00'	90°00'00"	N44° 30' 36.99"W	31.42
CR8	31.42'	20.00'	90°00'00"	S45° 29' 23.01"W	31.42
CR11	31.42'	20.00'	90°00'00"	S45° 29' 23.01"W	31.42
CR12	31.42'	20.00'	90°00'00"	N44° 30' 36.99"W	31.42



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TOWN OF PARKER APPROVALS

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TOWN OF PARKER, DIRECTOR OF ENGINEERING/PUBLIC WORKS DATE

DATE	REVISIONS
08/20/20	SUBMITTAL FOR REAPPROVAL
05/20/20	SUBMITTAL FOR REAPPROVAL
03/20/20	SUBMITTAL FOR REAPPROVAL
05/20/17	ALLEY PARKING PER TOWN OF PARKER
12/20/16	THIRD SUBMITTAL
11/20/16	SECOND SUBMITTAL

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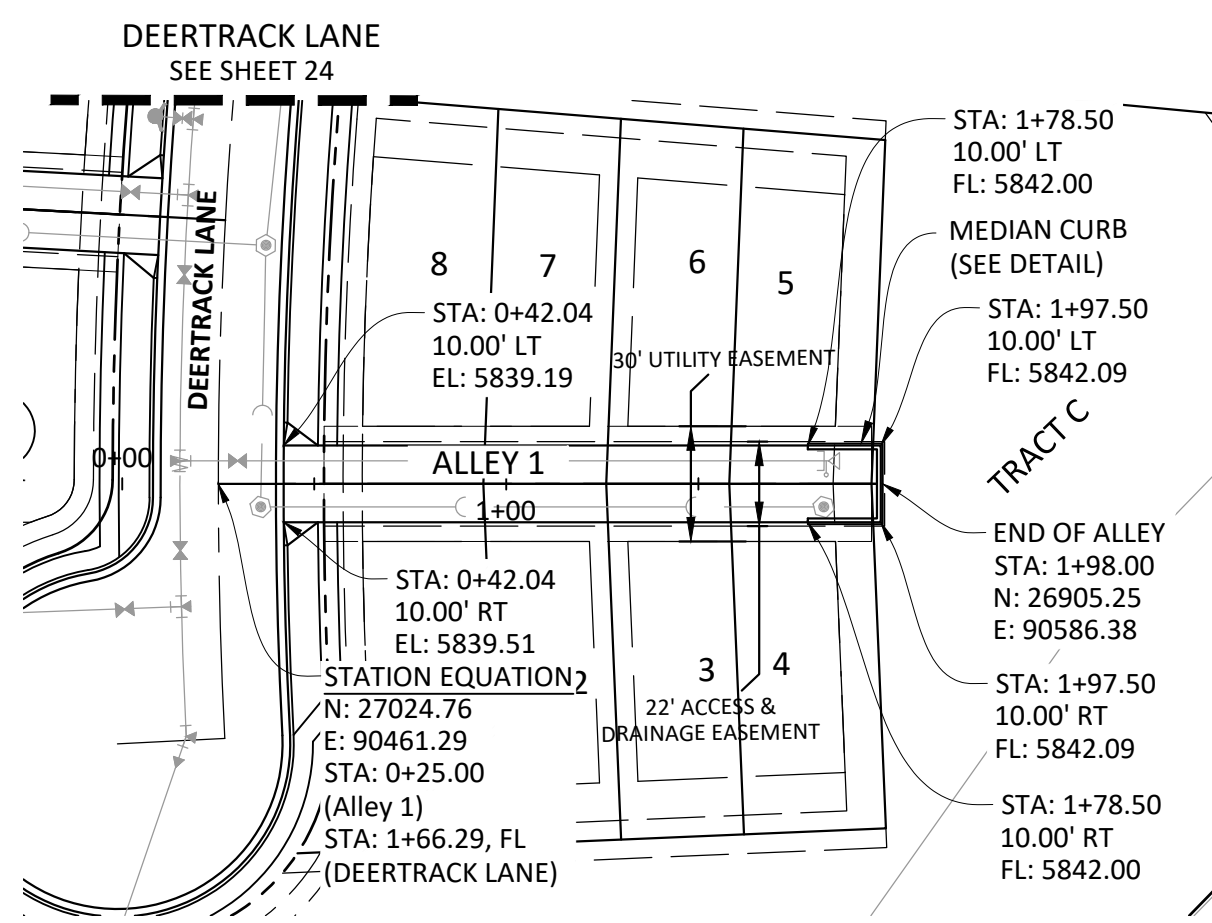
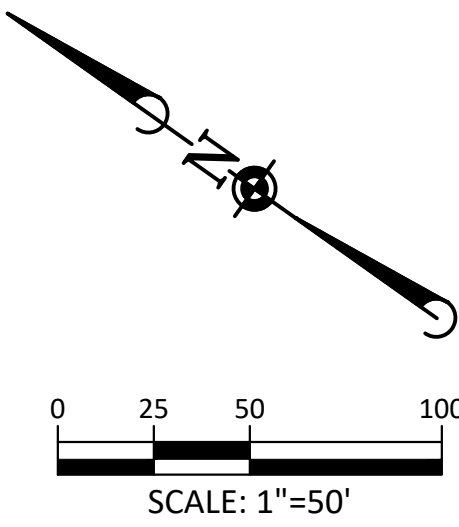
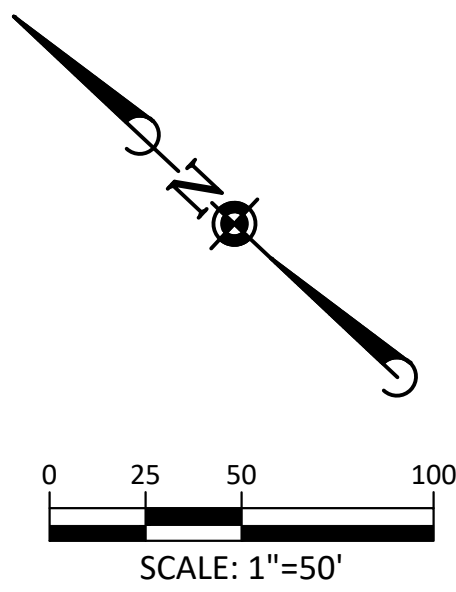
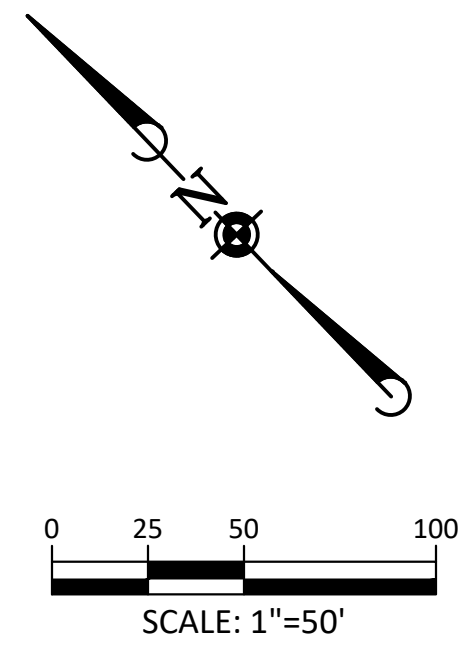
COMPARK VILLAGE SOUTH FILING NO. 2
 TOWN OF PARKER, COLORADO
 DEERTRACK LANE ROADWAY PLAN & PROFILE

PROJ. MGR.: RJM
 PROJ. ASSOC.: RAK
 DRAWN BY: RAK
 DATE: 09/2016

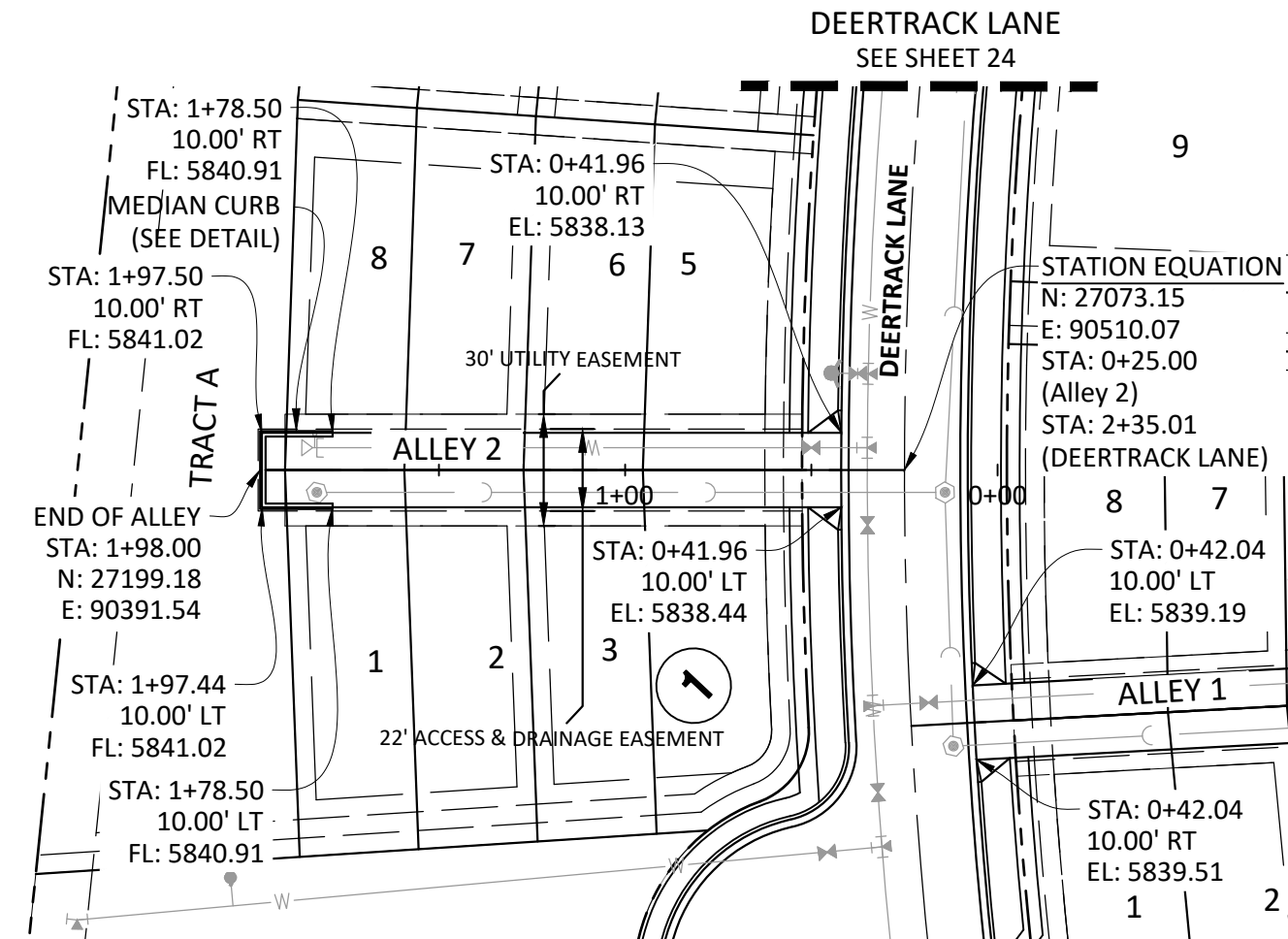
SHEET
25 OF 43
 CLCPKC3

RESUBMIT FOR APPROVAL - NOT FOR CONSTRUCTION

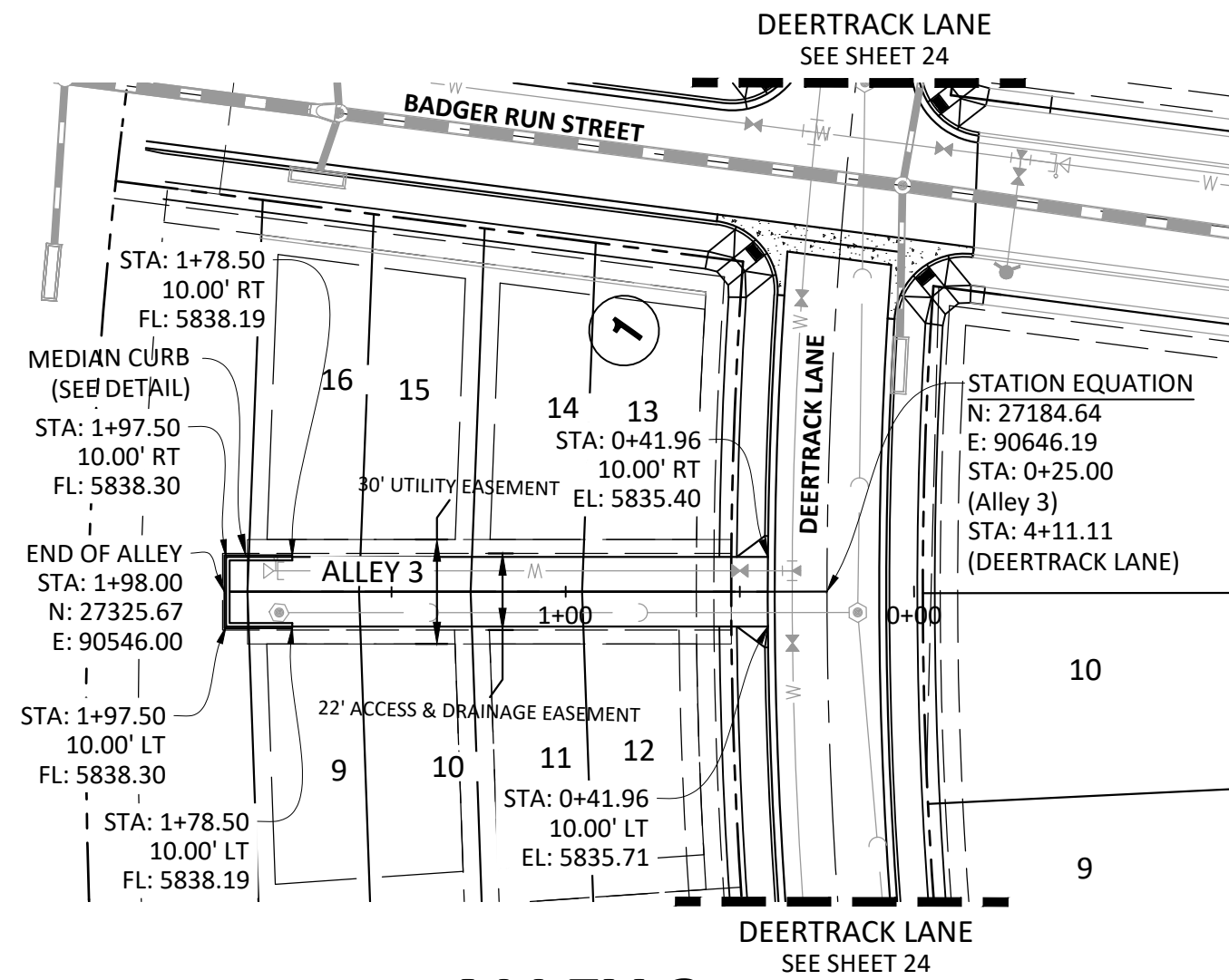
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ALLEY 1



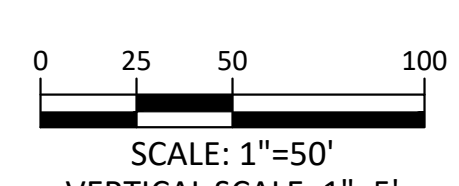
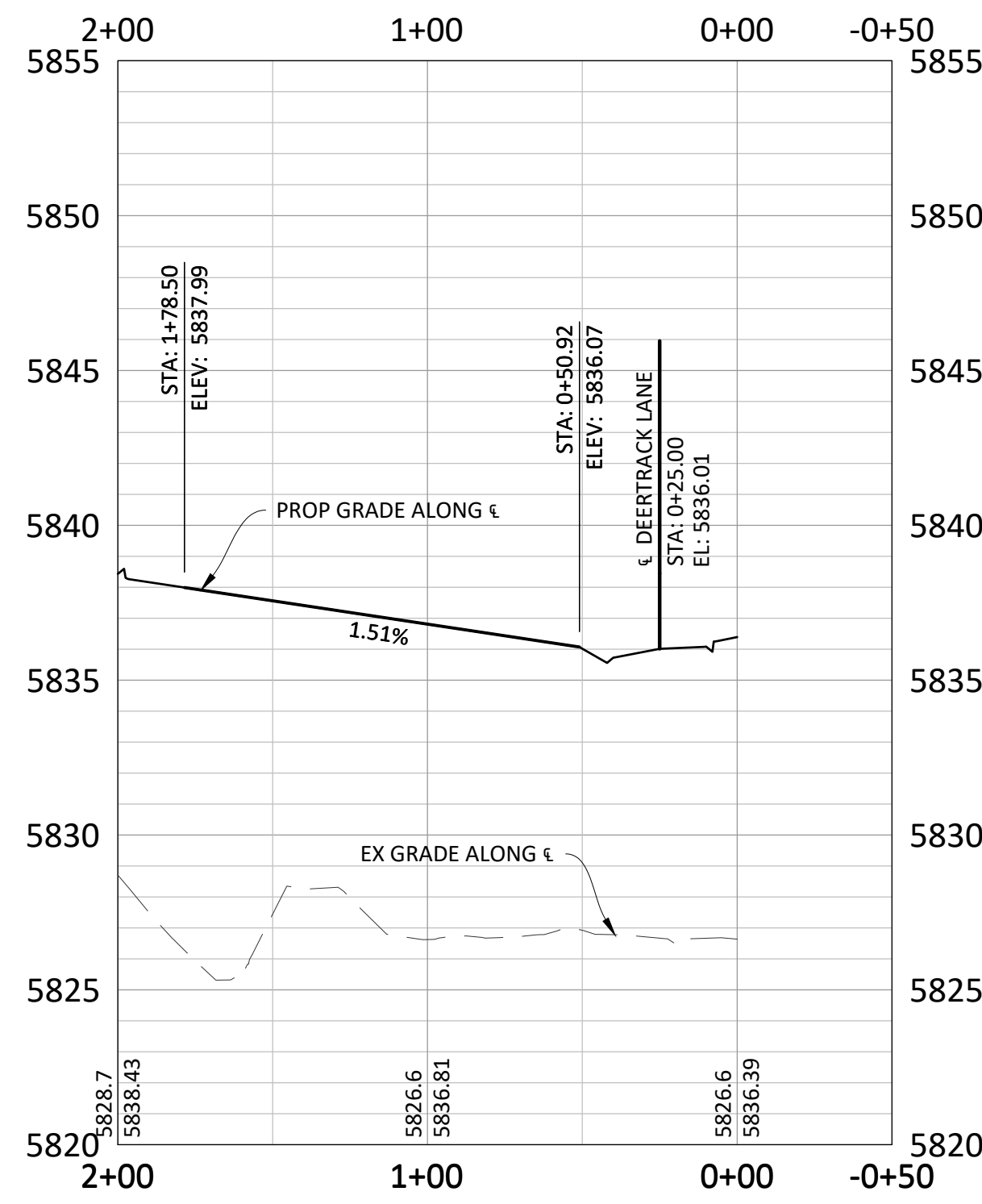
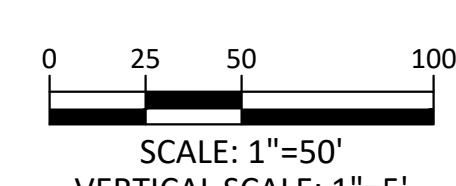
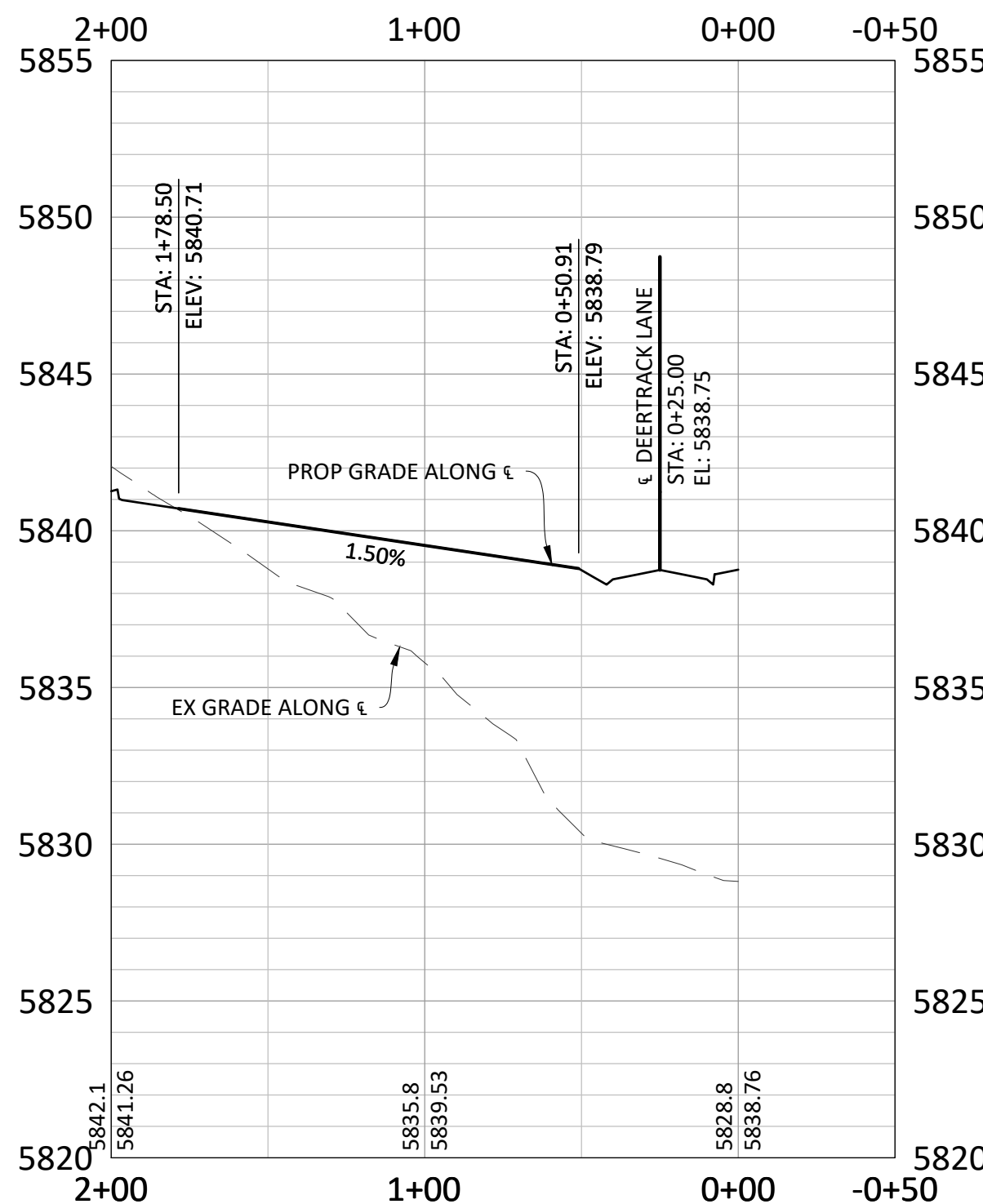
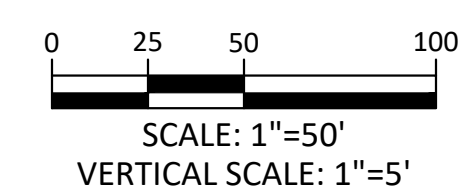
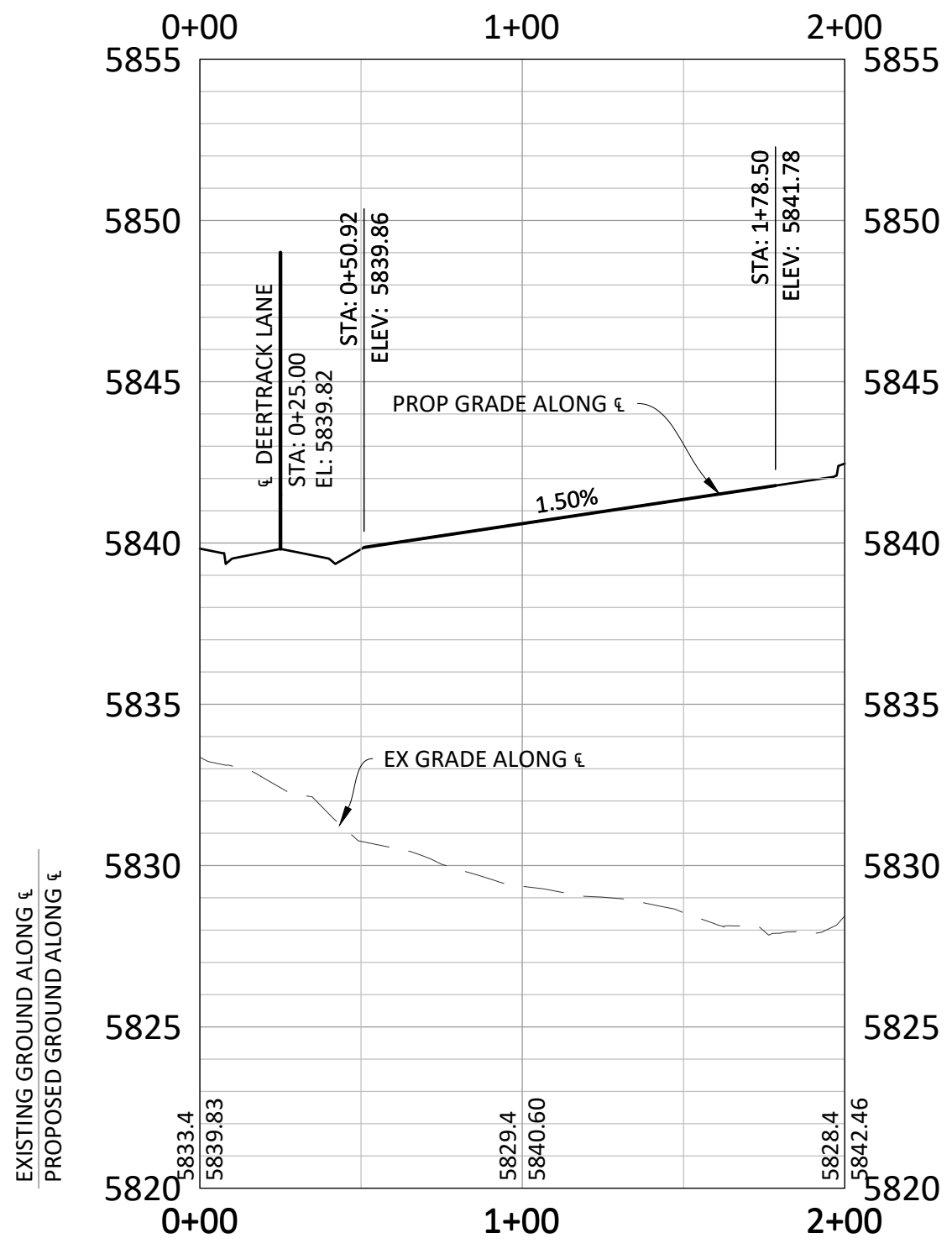
ALLEY 2



ALLEY 3

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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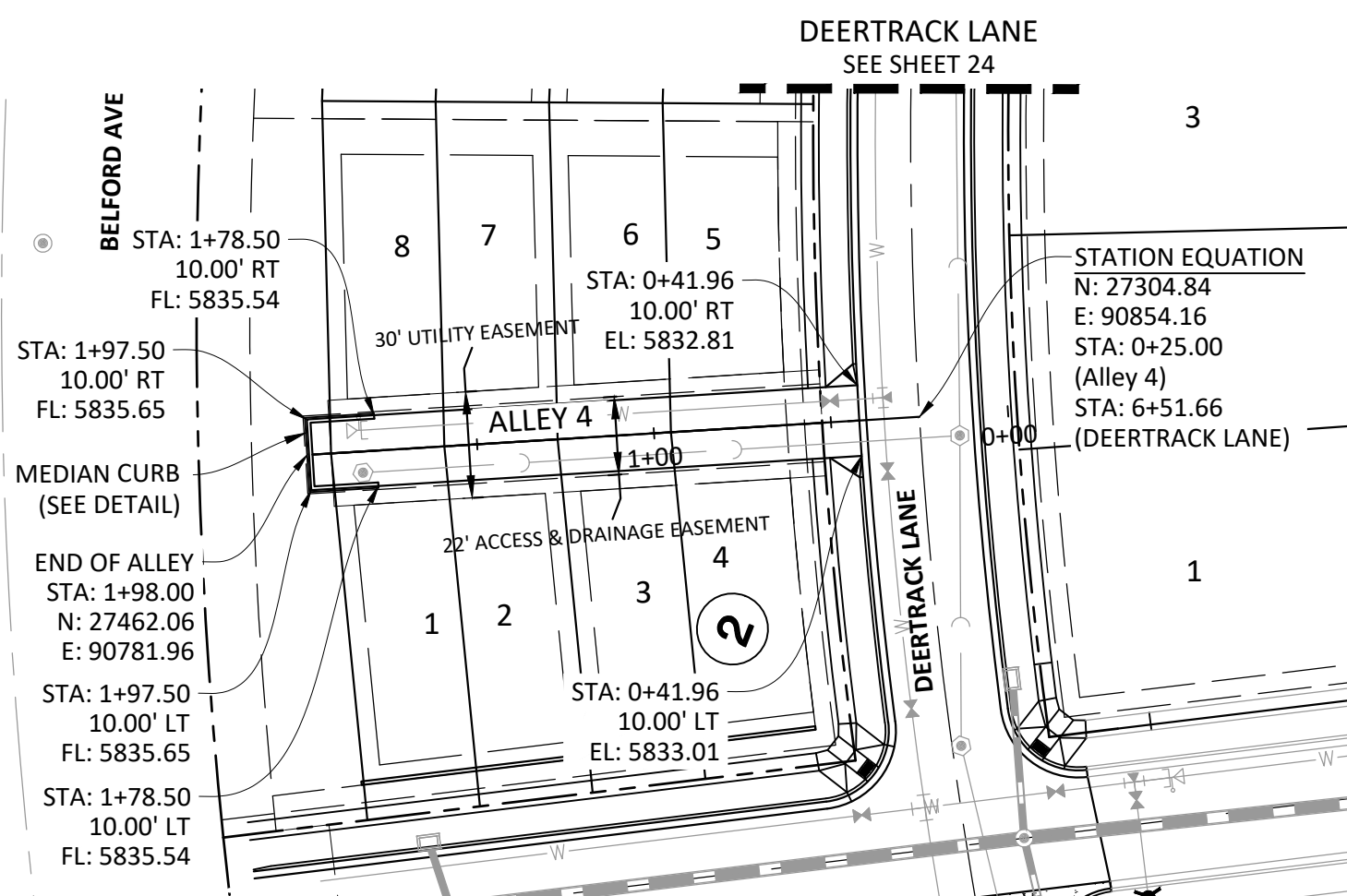
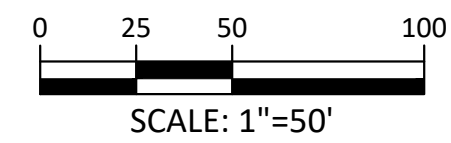
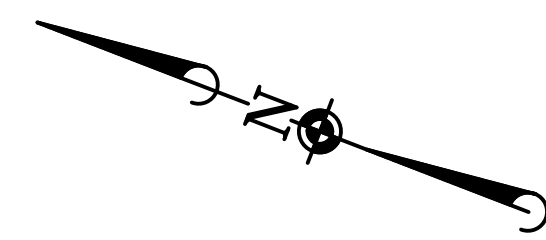
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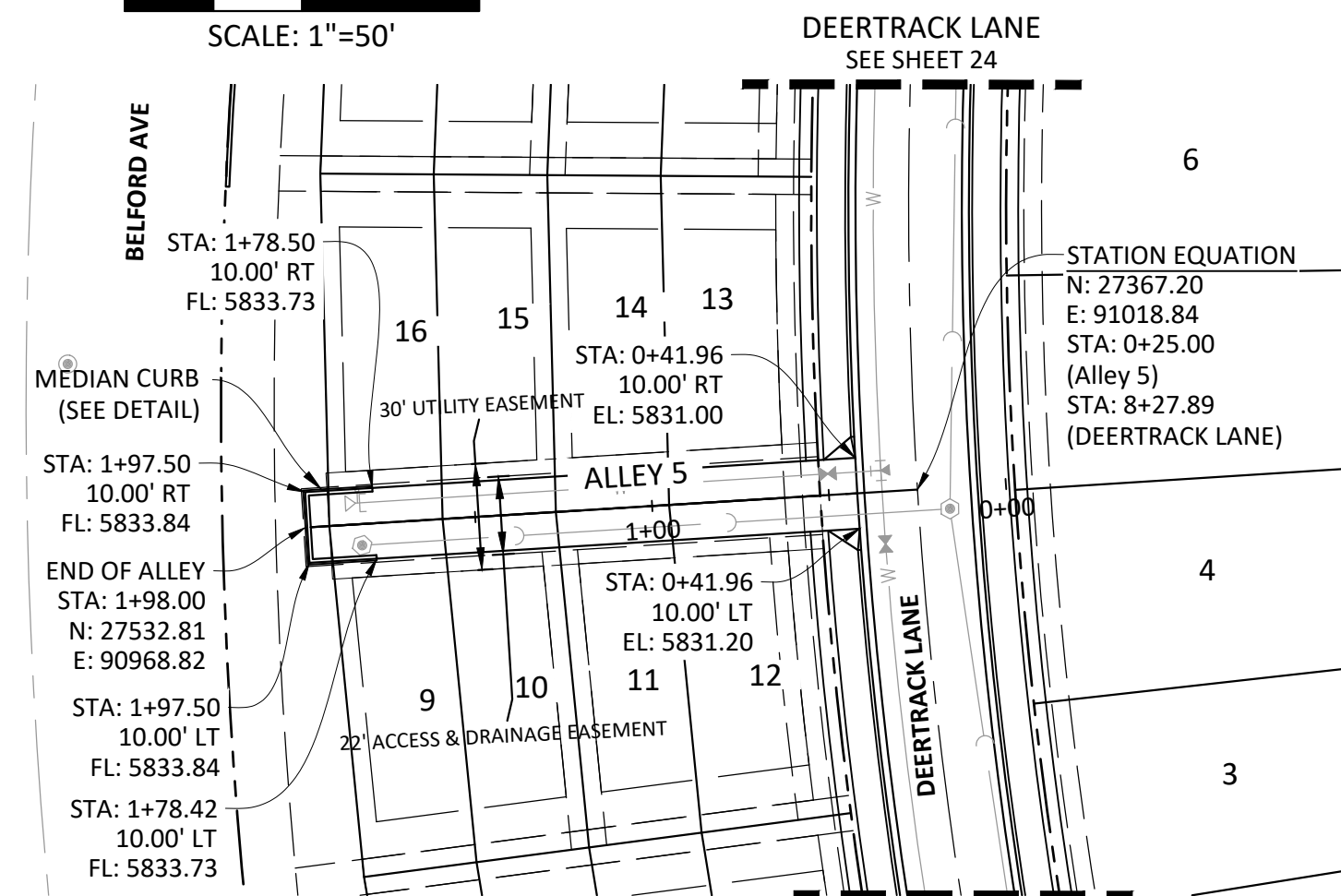
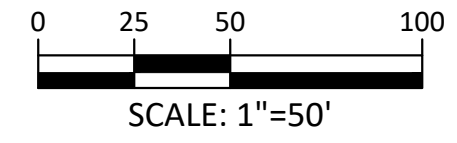
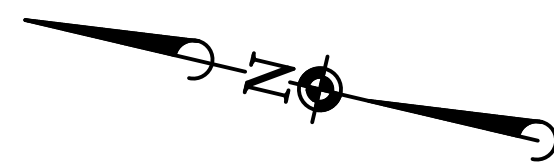
COMPARK VILLAGE SOUTH FILING NO. 2
 TOWN OF PARKER, COLORADO
 ALLEYS 1-3 PLAN & PROFILE

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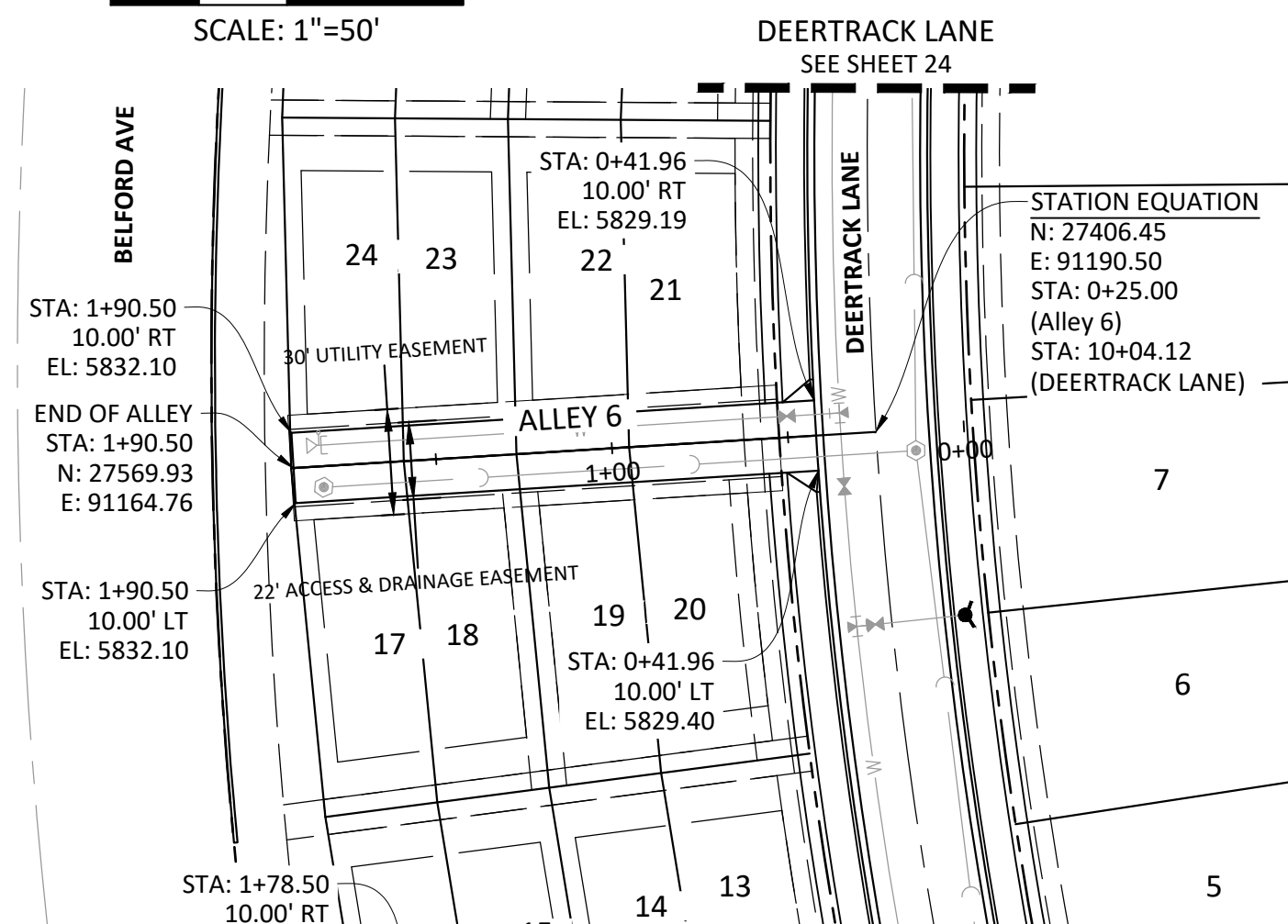
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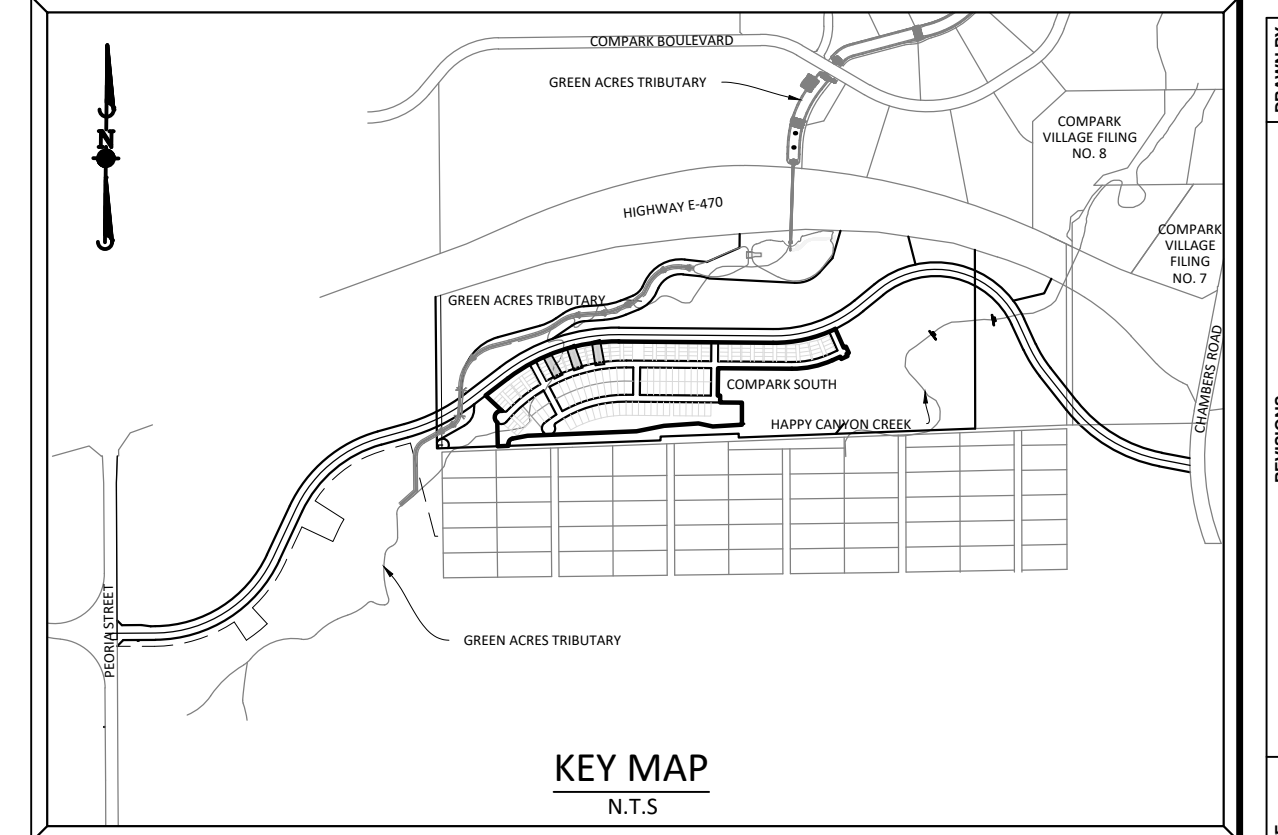
ALLEY 4



ALLEY 5



ALLEY 6



KEY MAP
N.T.S.

SOURCE BENCHMARKS:

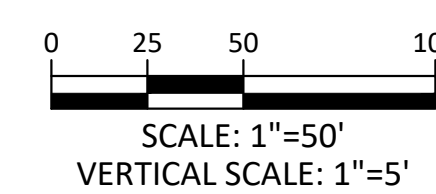
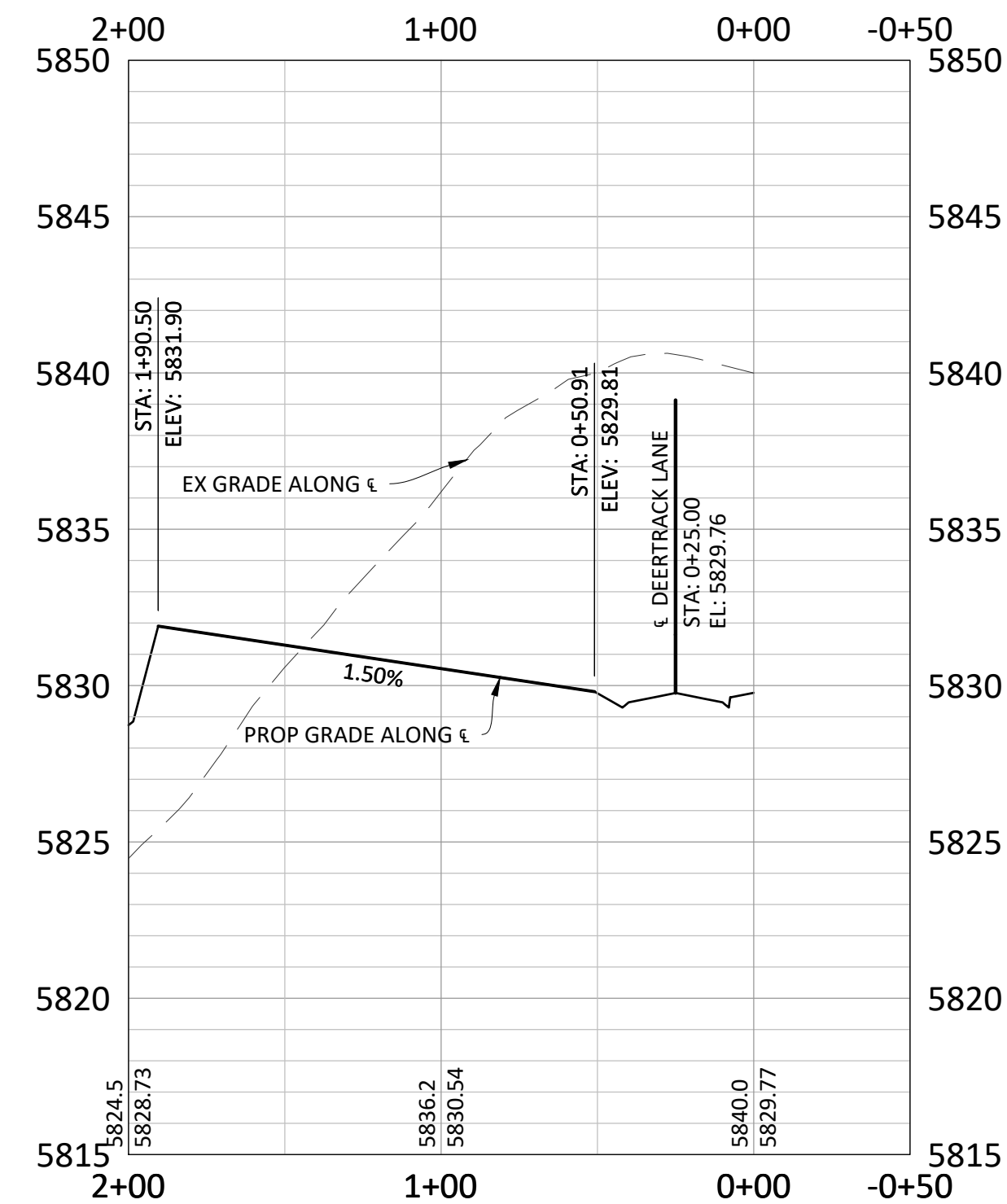
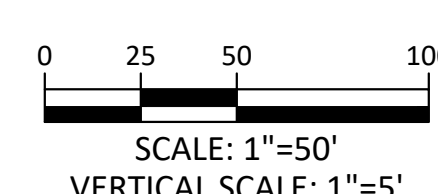
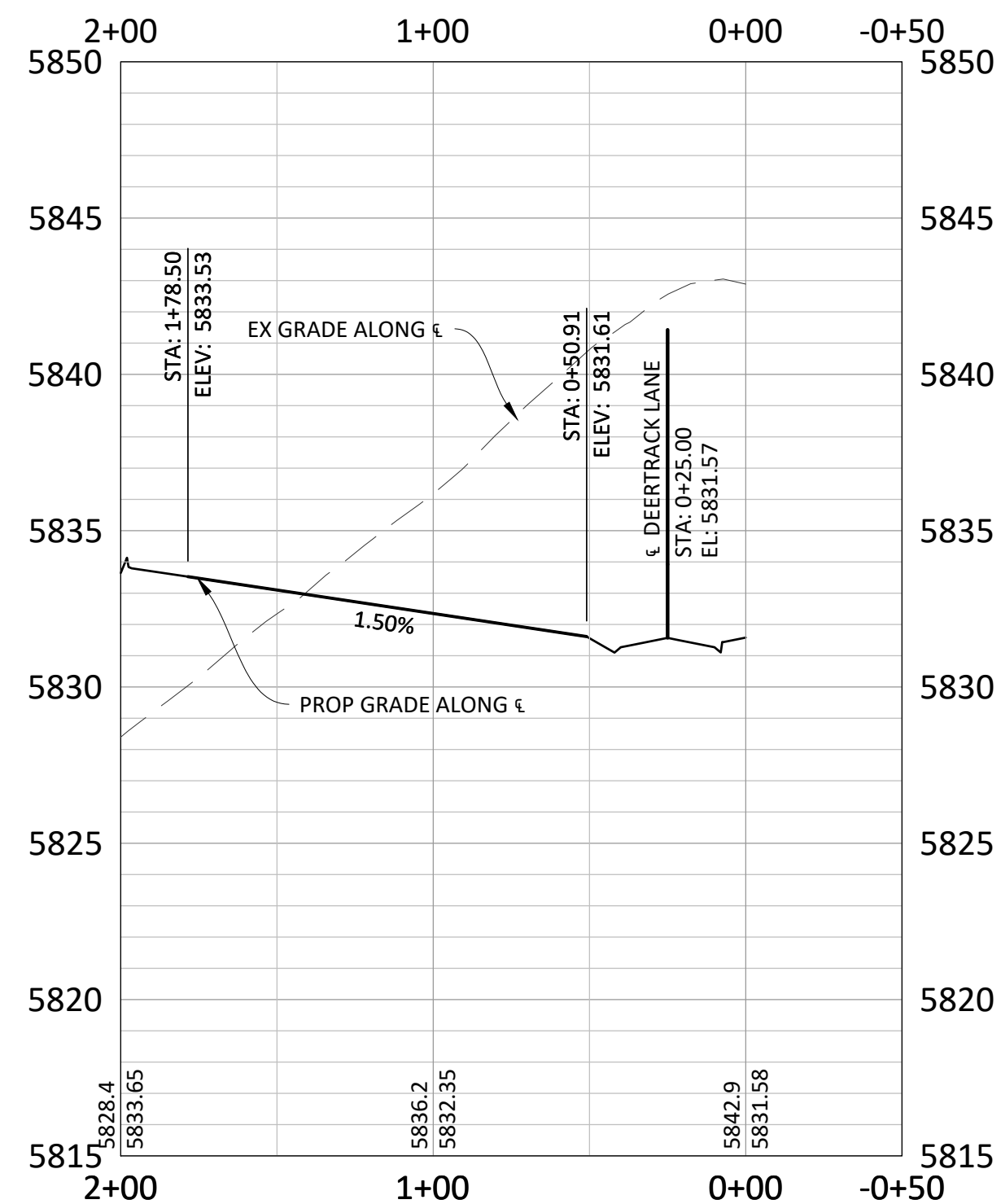
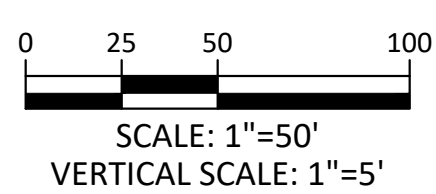
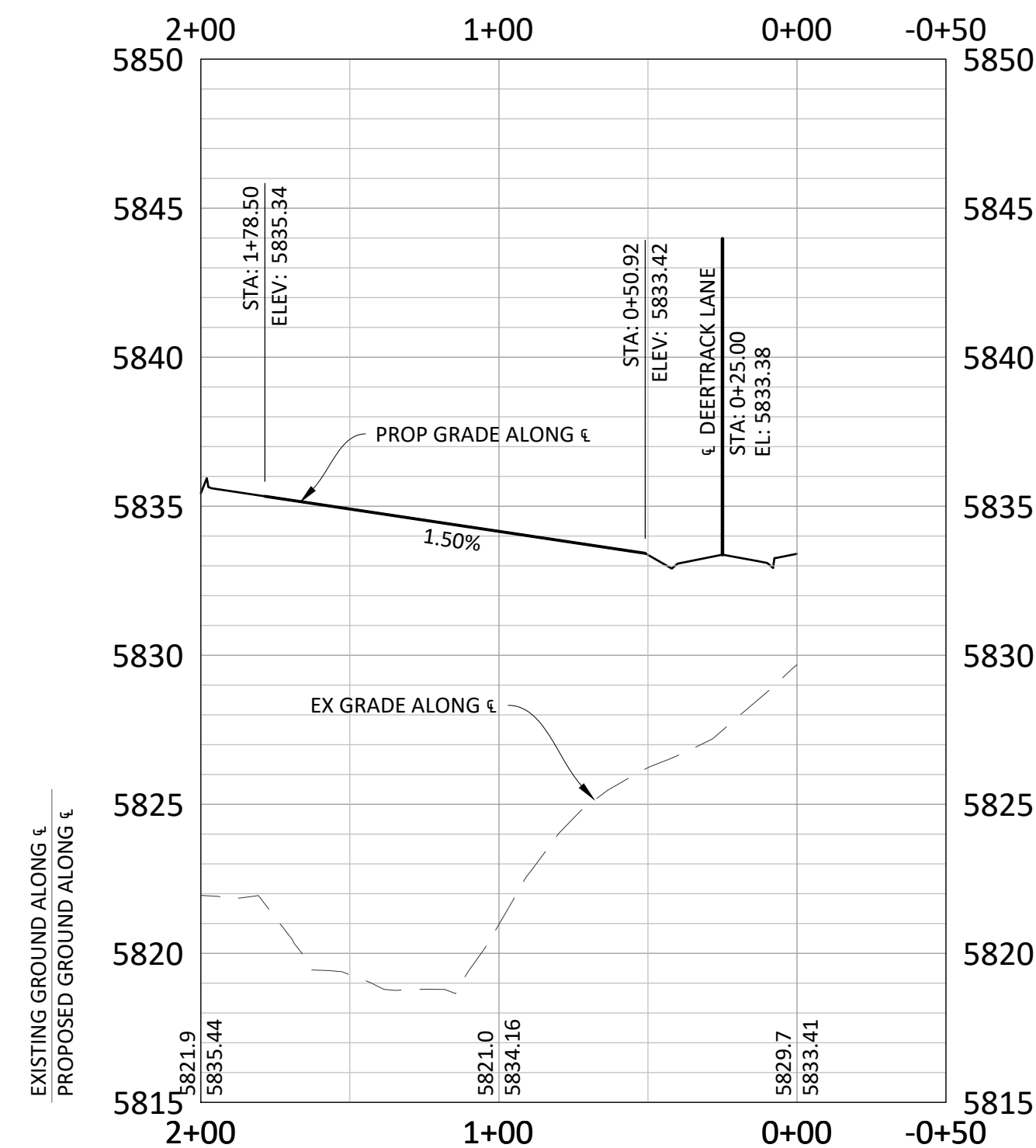
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Know what's below.
Call before you dig.

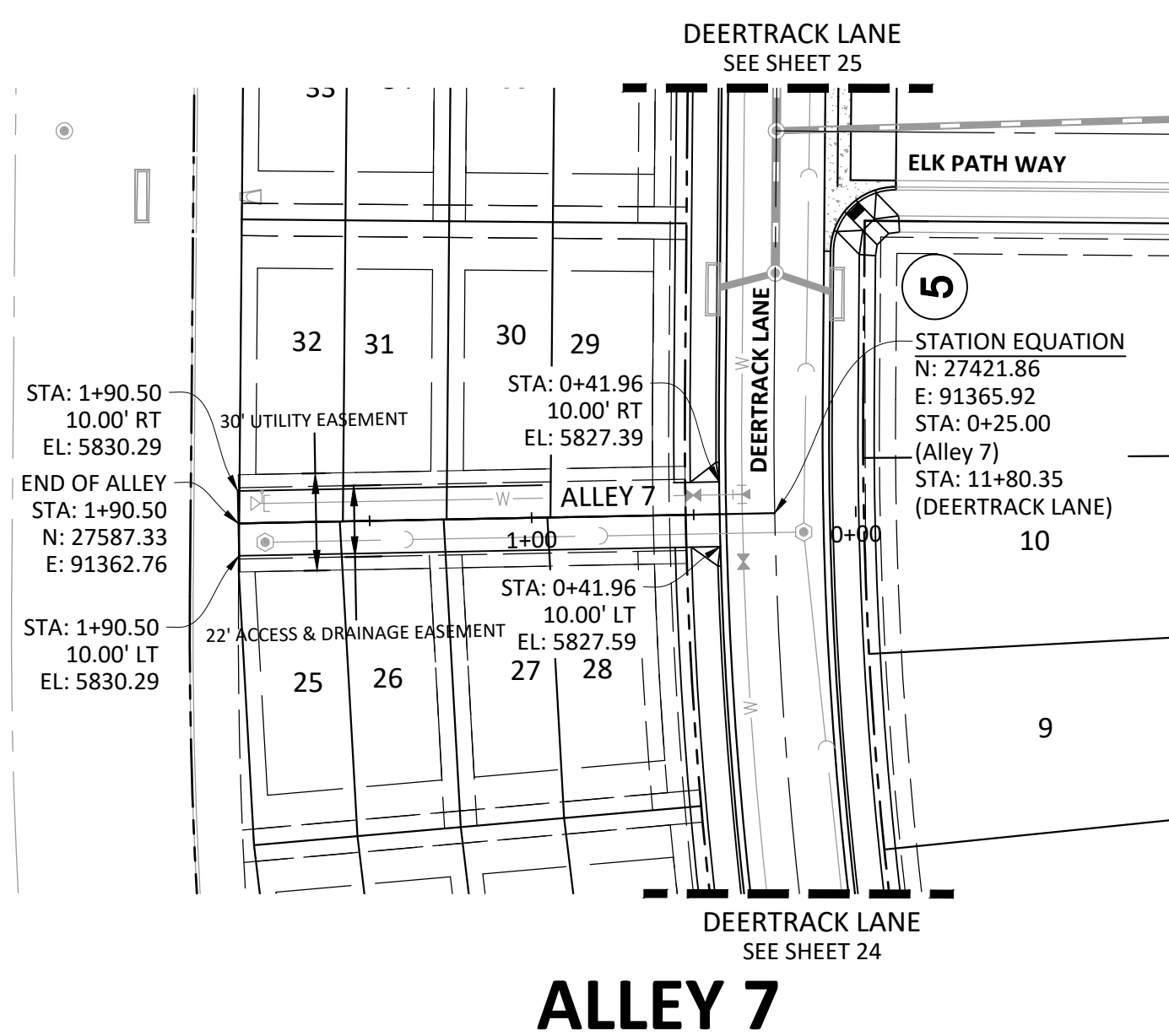
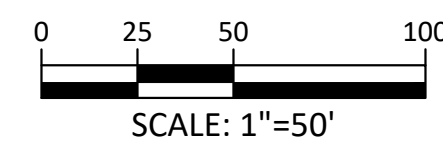
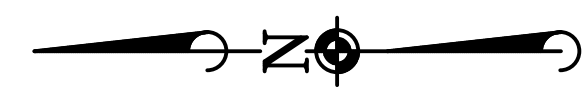
TOWN OF PARKER, DIRECTOR OF ENGINEERING/PUBLIC WORKS

DATE

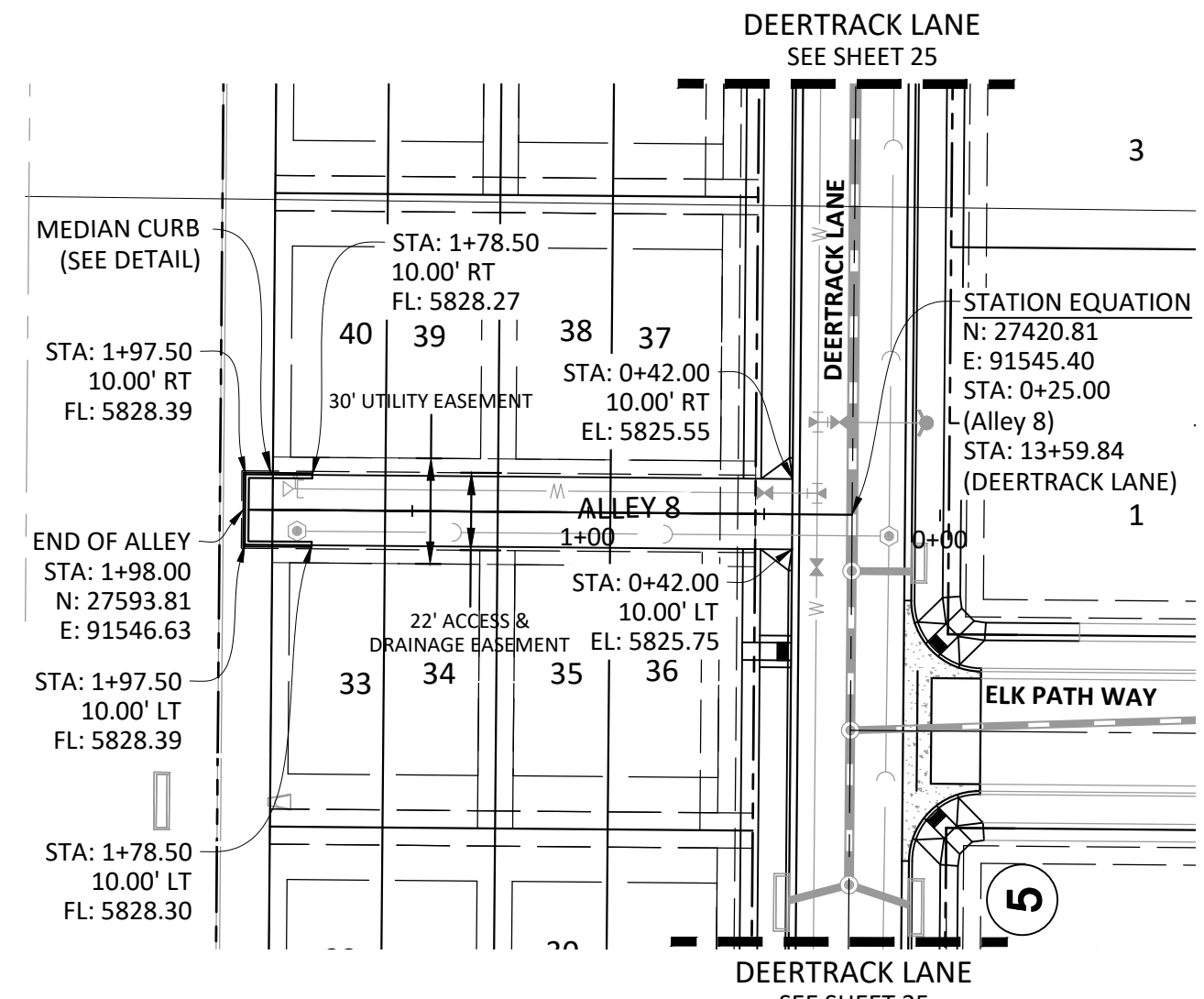
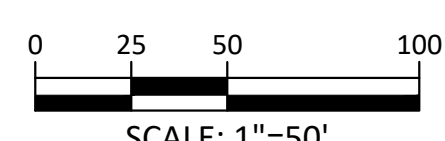
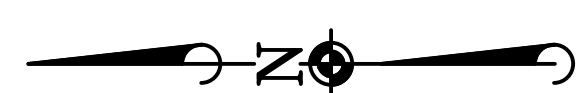
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TOWN OF PARKER, COLORADO
ALLEYS 4-6 PLAN & PROFILE

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DRAWN BY: RAK
DATE: 09/20/16
SHEET
27 OF 43
CLCPKC3

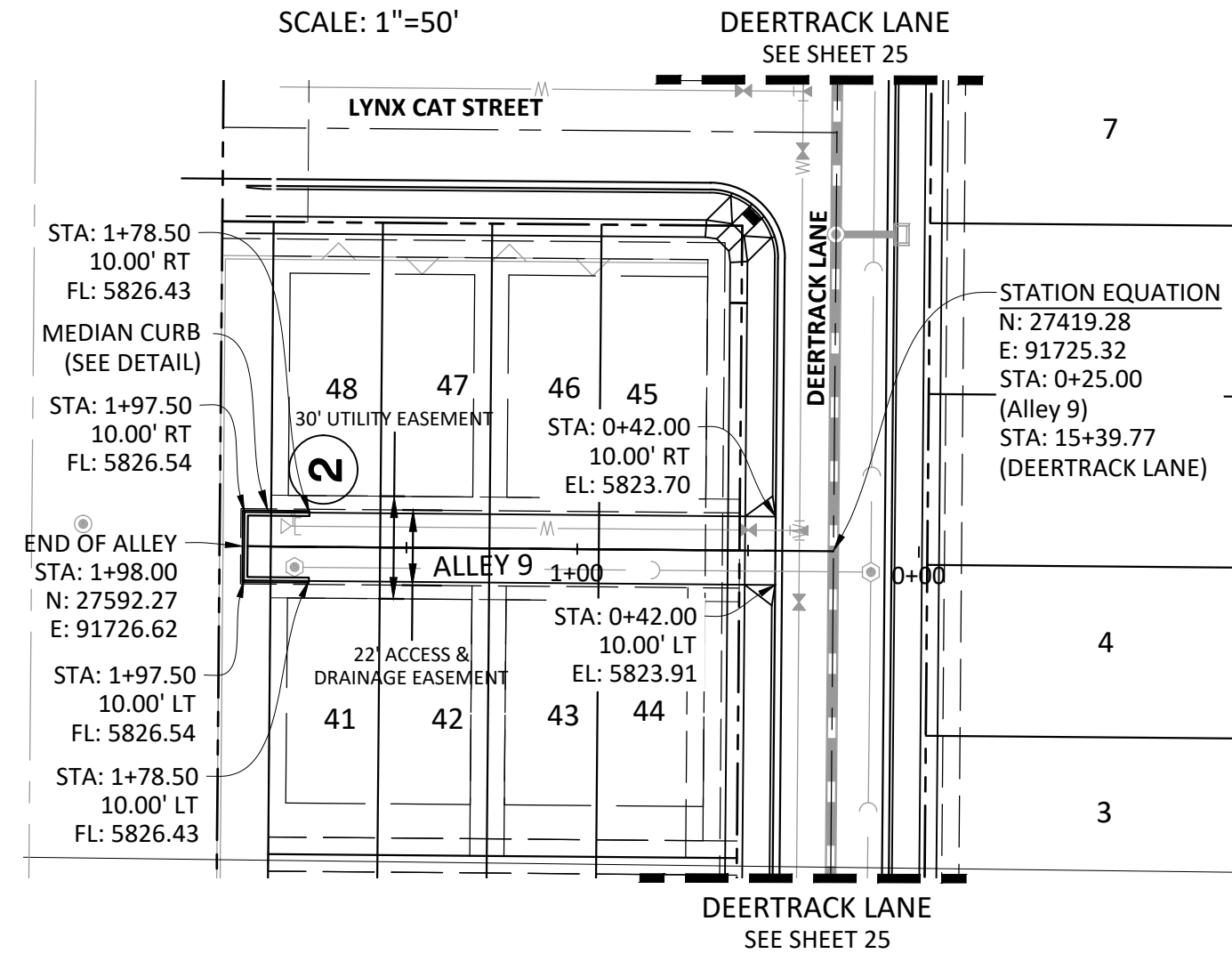
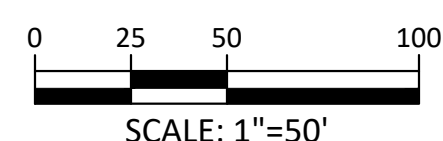
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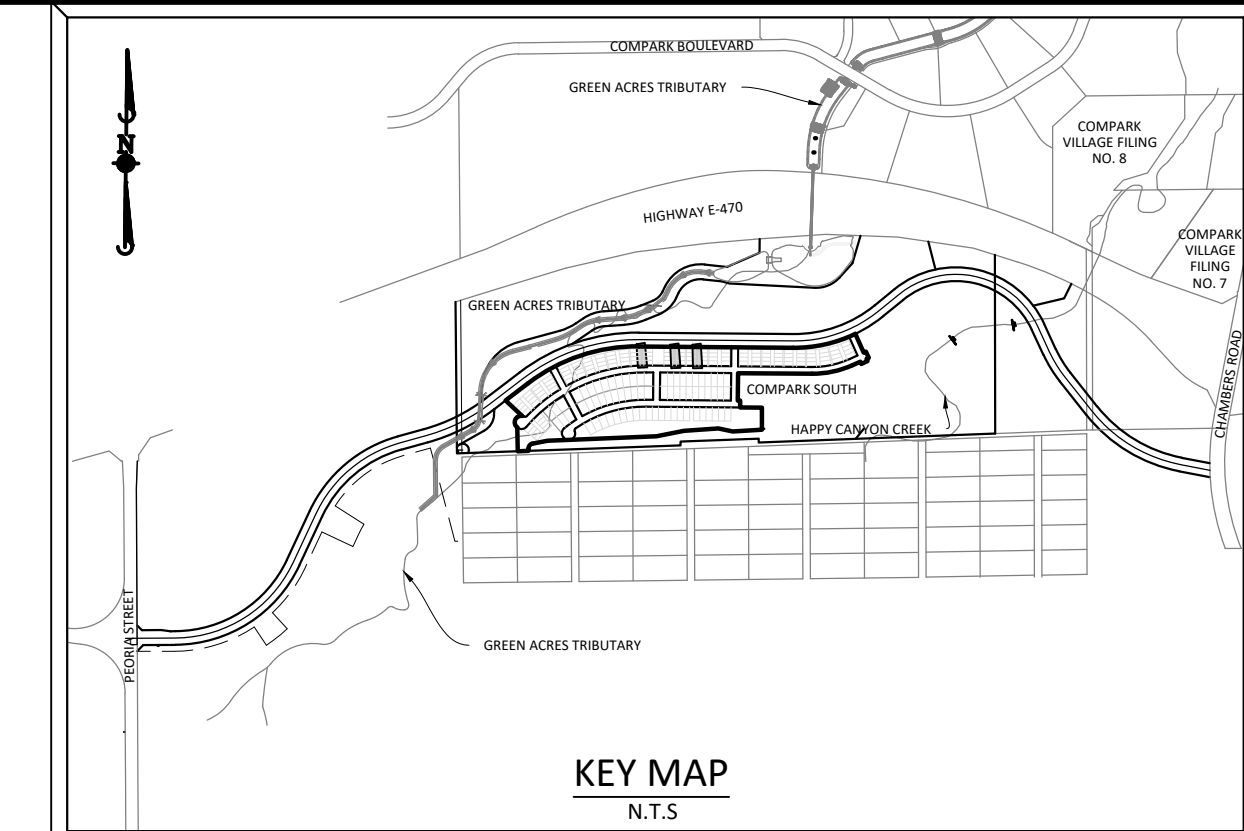
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ALLEY 8



ALLEY 9



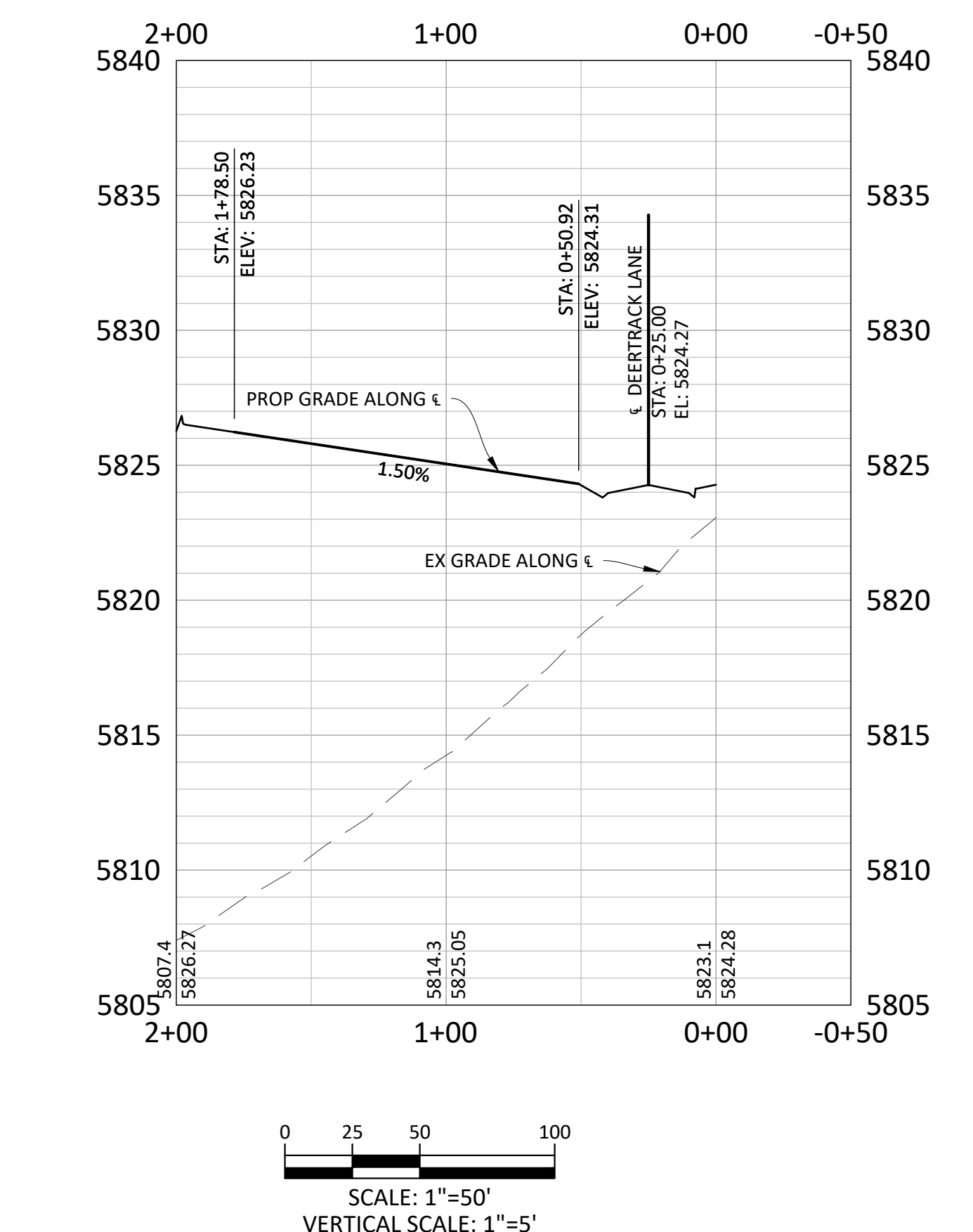
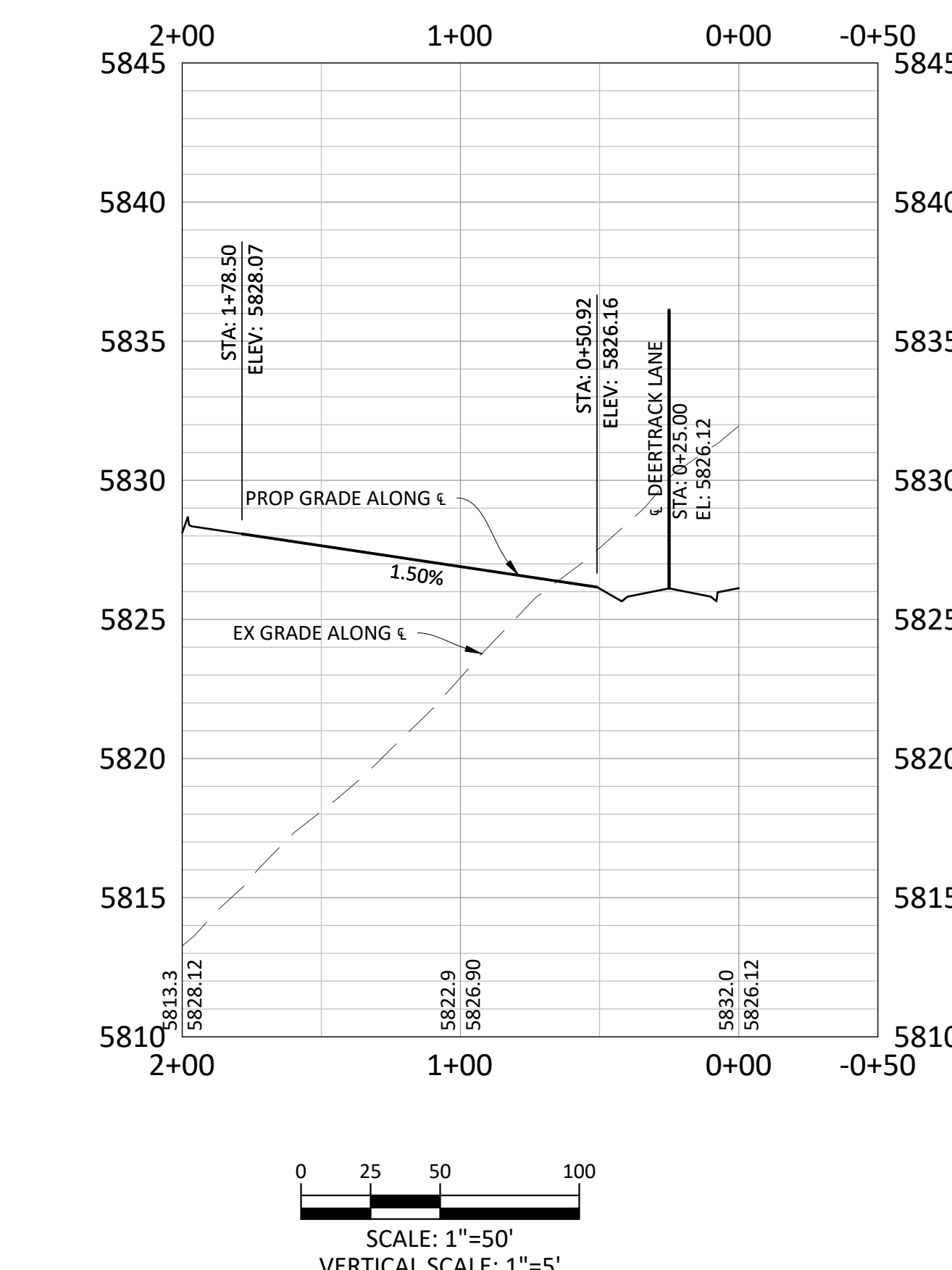
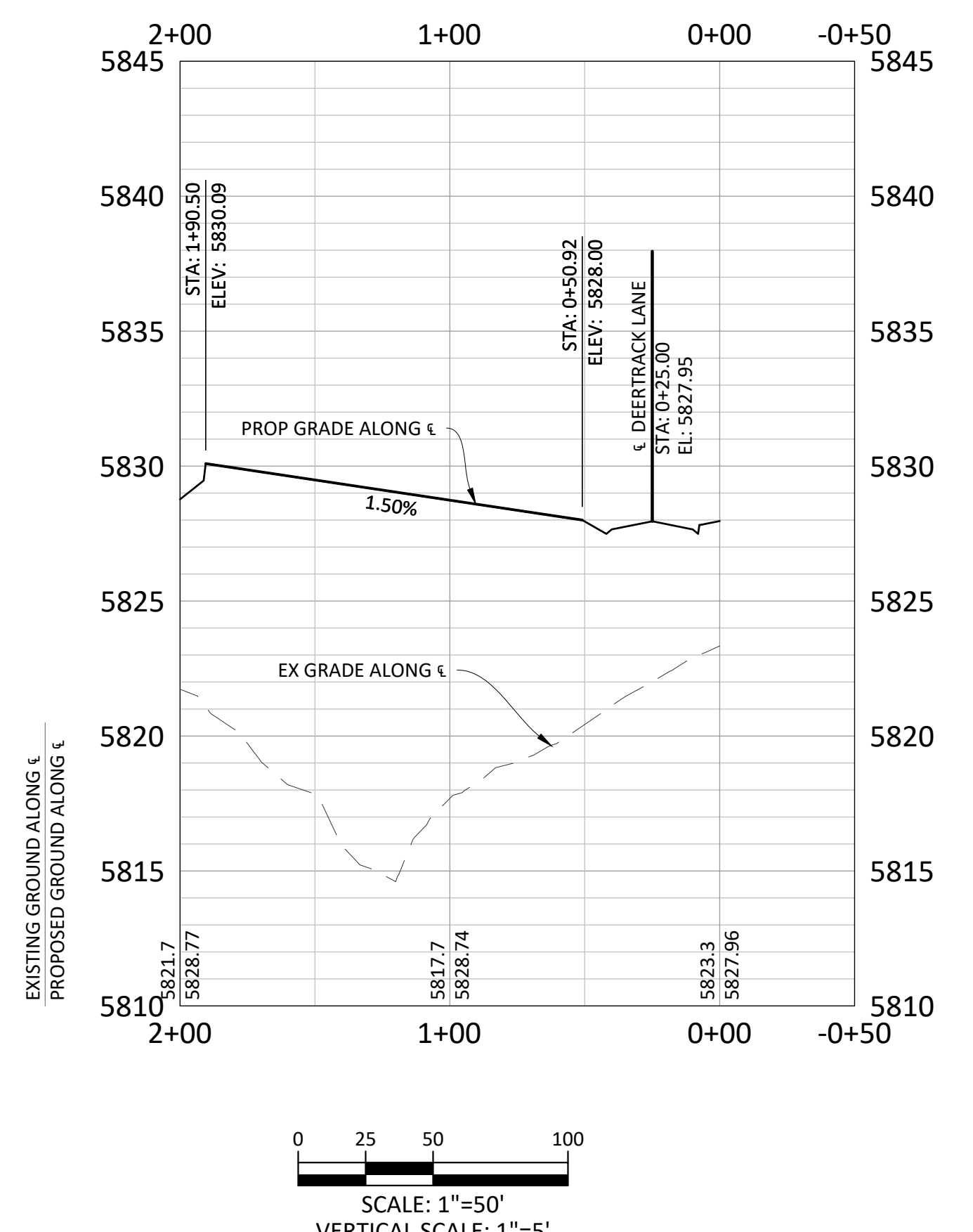
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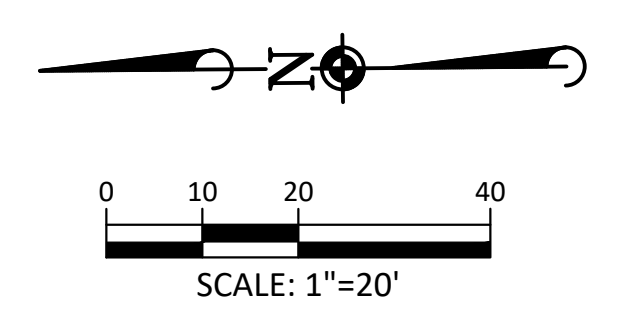
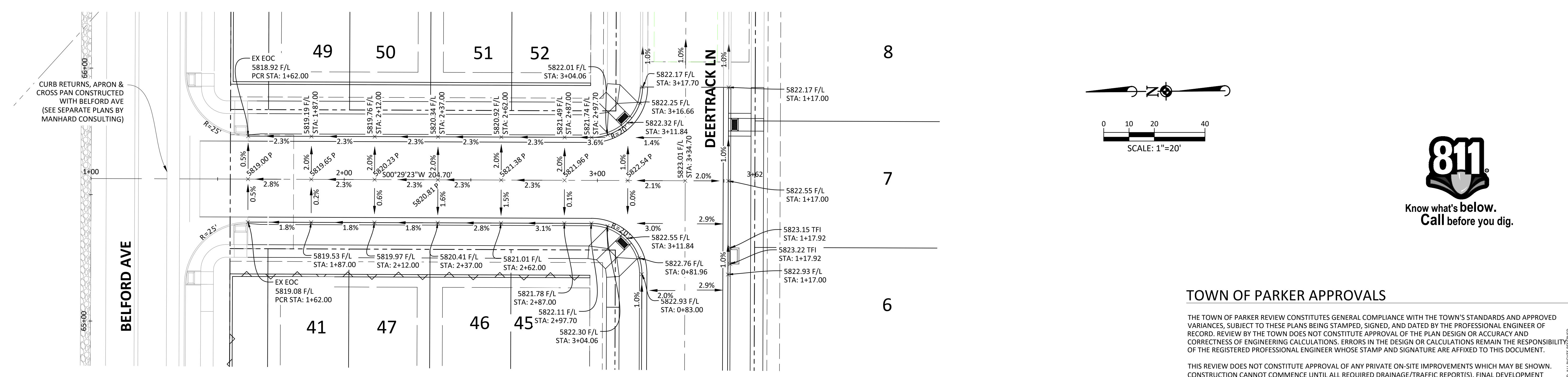
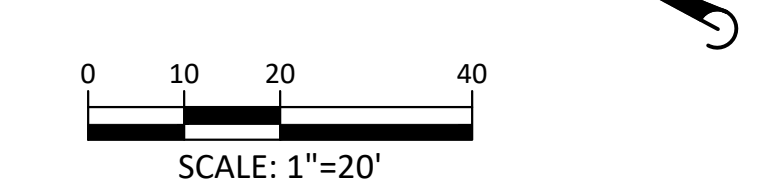
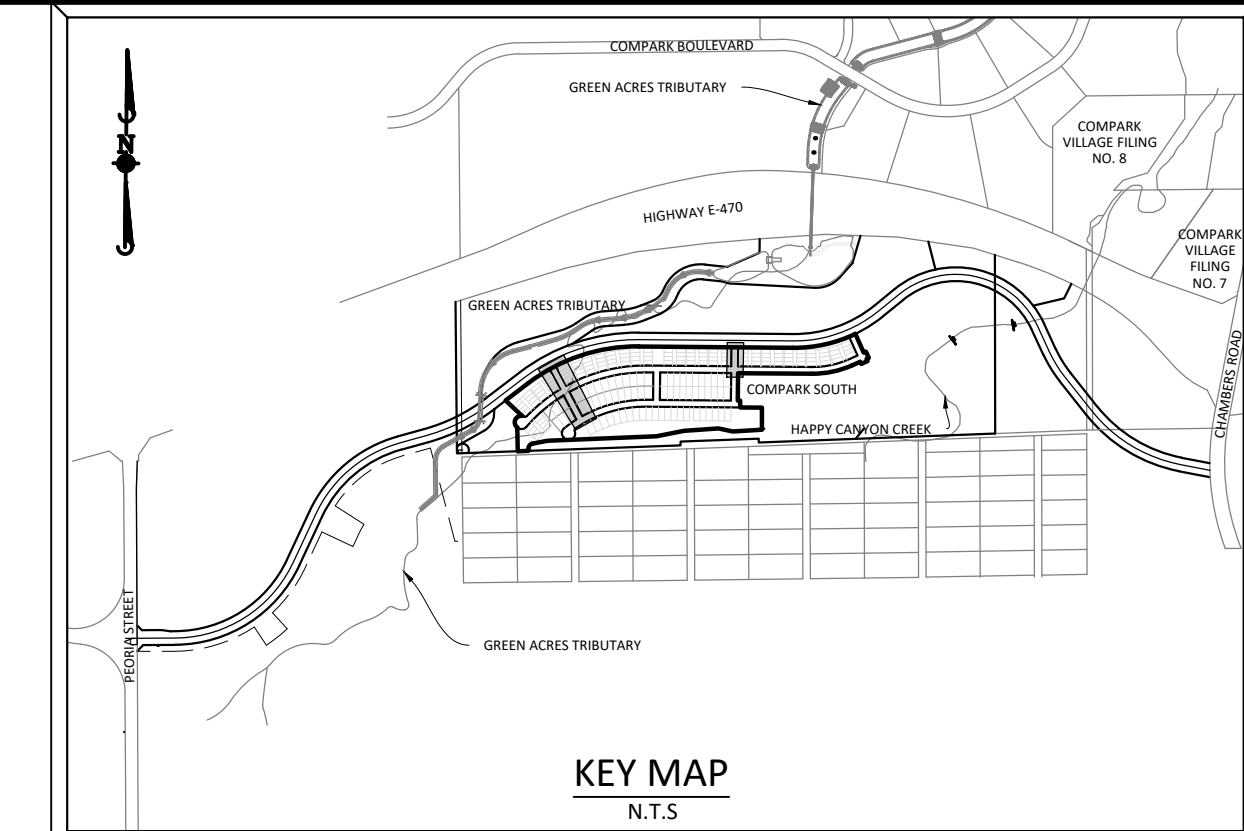
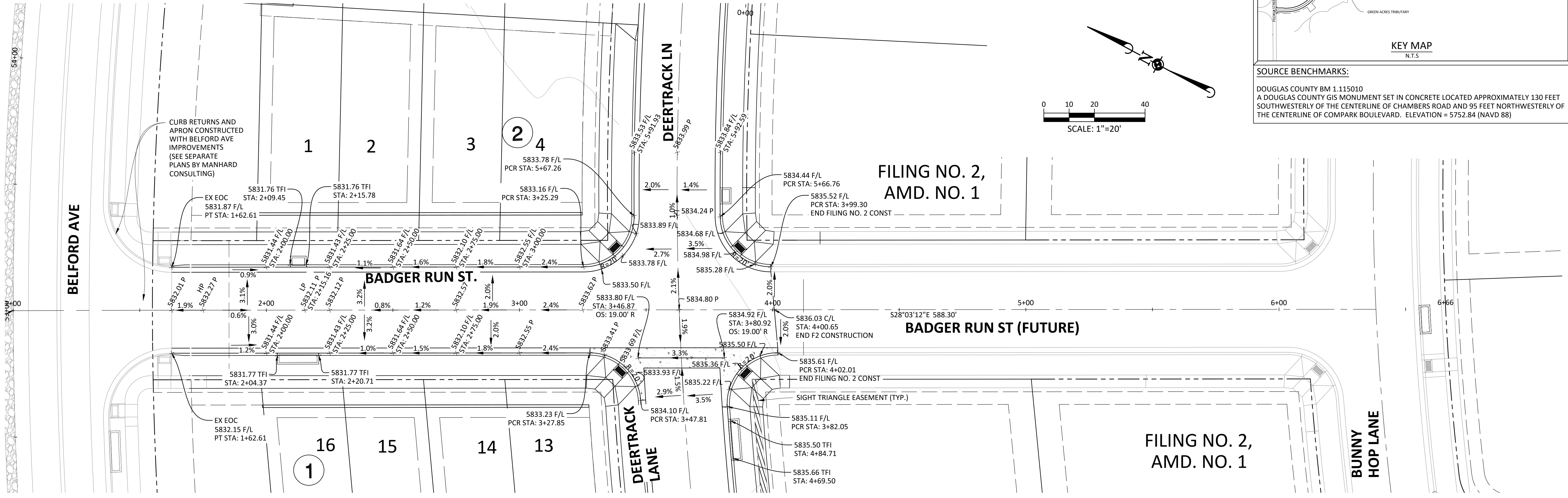


COMPARK VILLAGE SOUTH FILING NO. 2
TOWN OF PARKER, COLORADO
ALLEYS 7-9 PLAN & PROFILE

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RESUBMIT FOR APPROVAL - NOT FOR CONSTRUCTION

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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.

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TOWN OF PARKER, DIRECTOR OF ENGINEERING/PUBLIC WORKS _____ DATE _____

DATE	REVISIONS
08/20/20	SUBMITTAL FOR REAPPROVAL
05/20/20	SUBMITTAL FOR REAPPROVAL
03/20/20	SUBMITTAL FOR REAPPROVAL
02/20/20	ALLEY PARKING PER TOWN OF PARKER
12/20/16	THIRD SUBMITTAL
11/20/16	SECOND SUBMITTAL

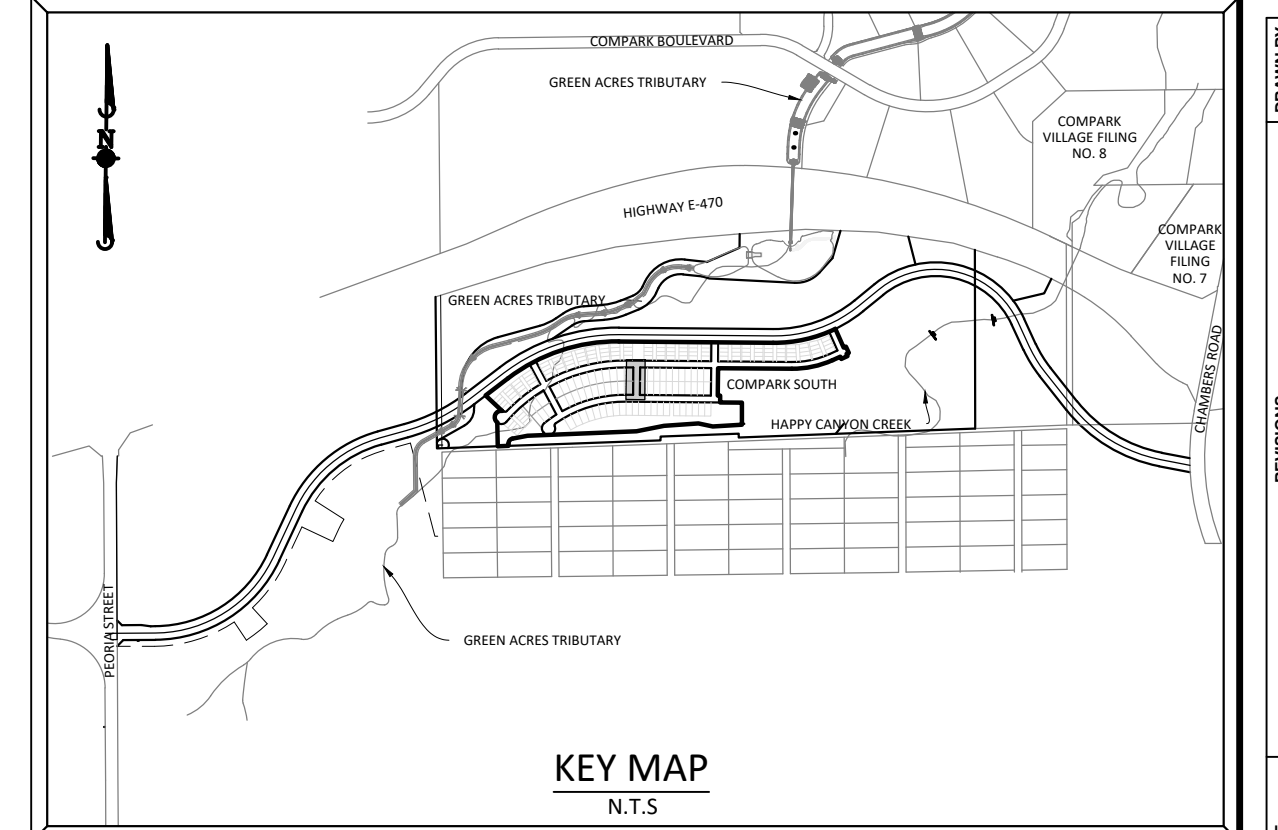
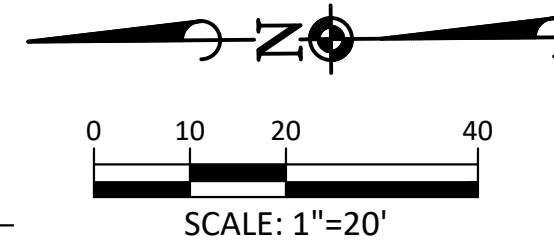
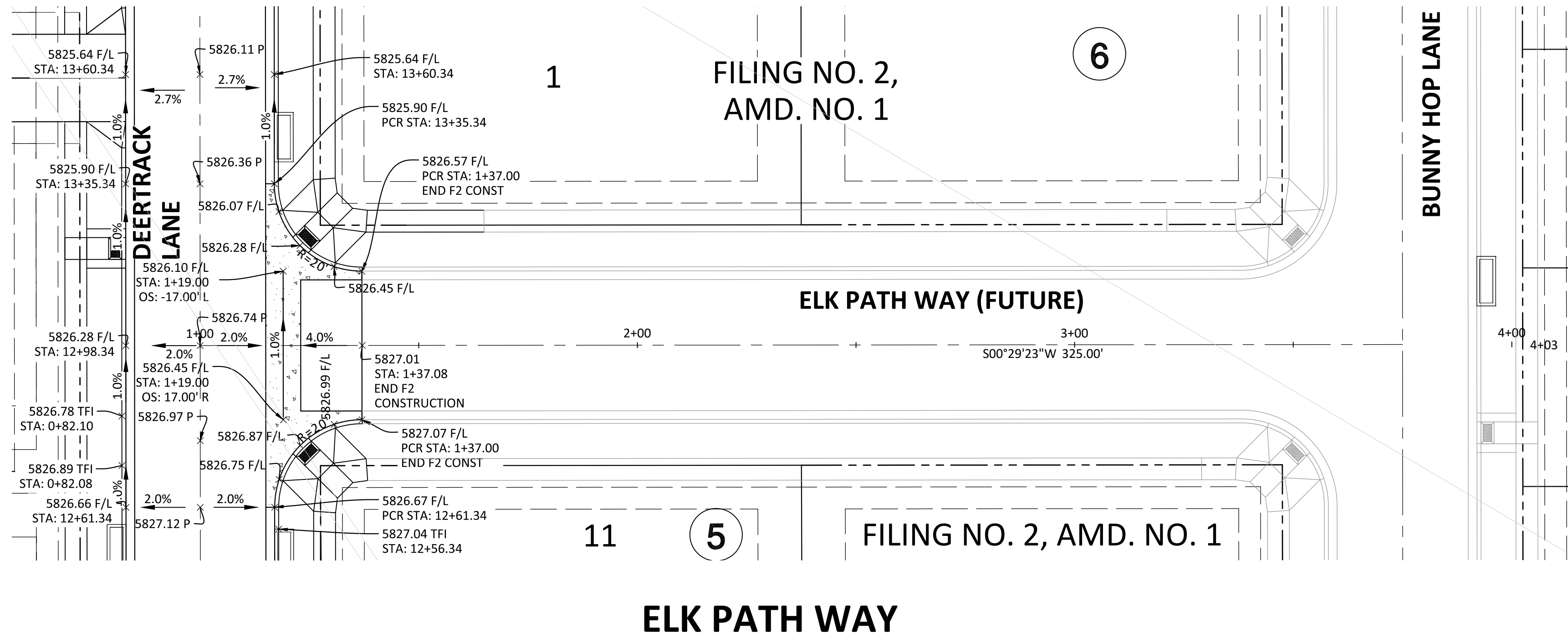
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COMPARK VILLAGE SOUTH FILING NO. 2
TOWN OF PARKER, COLORADO
INTERSECTION DETAILS - BADGER RUN ST & LYNX CAT ST

SHEET 29 OF 43
CLCPK3

RESUBMIT FOR APPROVAL - NOT FOR CONSTRUCTION

Plotted: 8/14/2016 11:20 AM. Draw Name: P:\Cipak\3\ComSouth\Residential\CD\Draw\Eng\Final Drawings\Plan Set\Town\Phase 1\USA-CLCPKC3\Street Intersection Details.dwg. Updated By: Jhawthorne



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
08/2016	SUBMITTAL FOR REAPPROVAL
05/2016	SUBMITTAL FOR REAPPROVAL
03/2016	SUBMITTAL FOR REAPPROVAL
05/2017	ALLEY PARKING PER TOWN OF PARKER
12/2016	THIRD SUBMITTAL
11/2016	SECOND SUBMITTAL

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COMPARK VILLAGE SOUTH FILING NO. 2
 TOWN OF PARKER, COLORADO
 INTERSECTION DETAILS - ELK PATH WAY

TOWN OF PARKER APPROVALS

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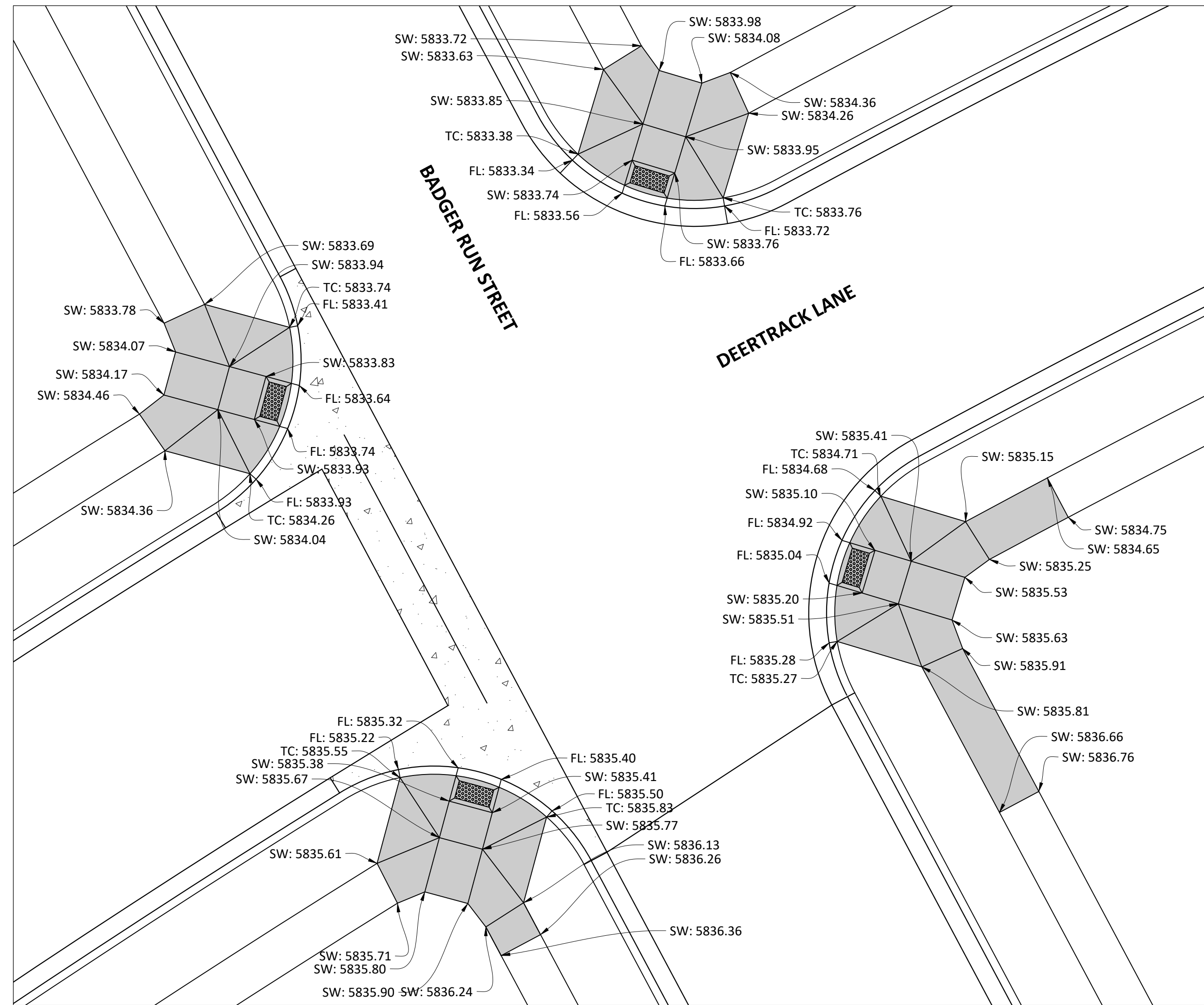
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TOWN OF PARKER, DIRECTOR OF ENGINEERING/PUBLIC WORKS DATE

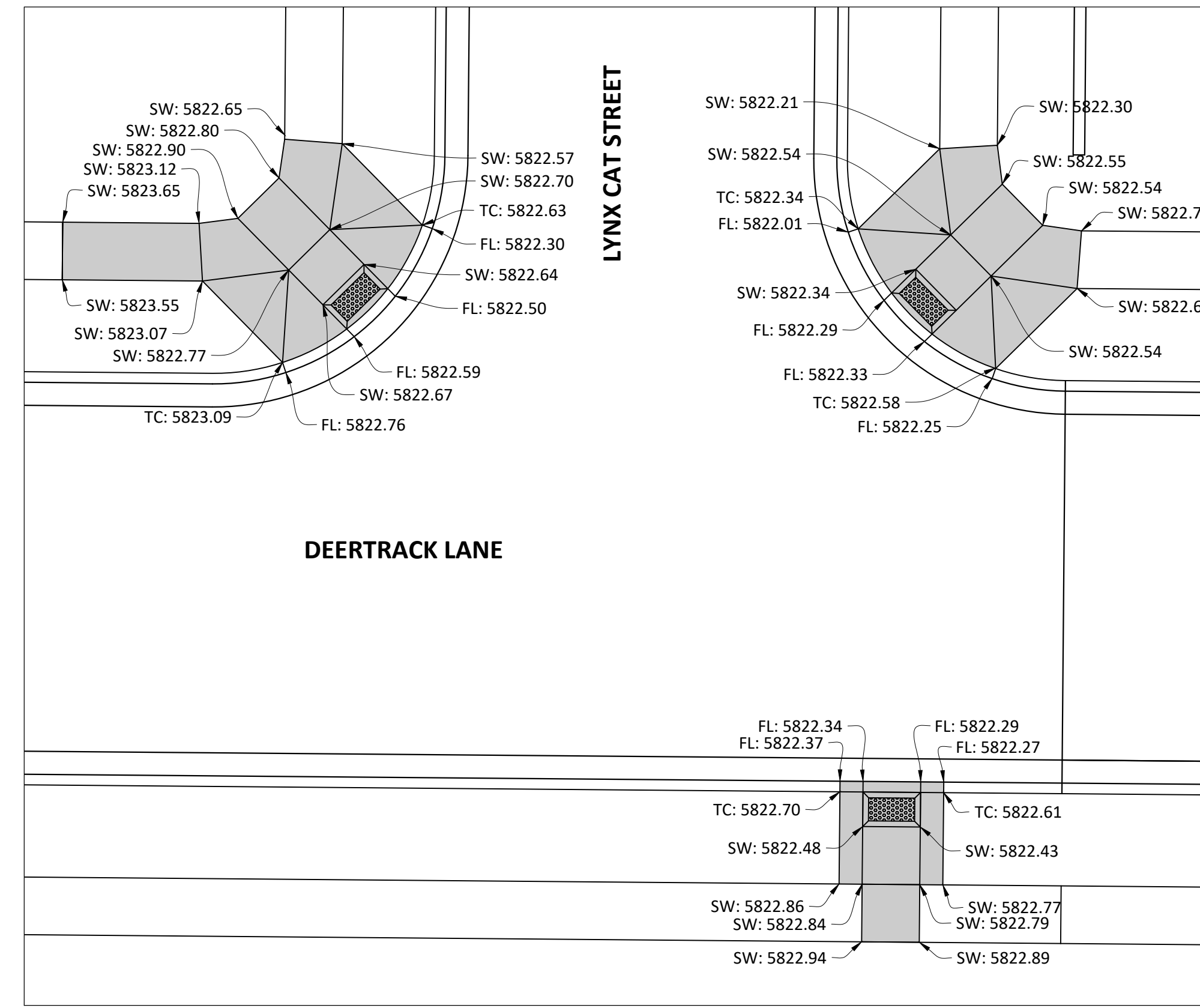
PROJ. MGR.: RJM
 PROJ. ASSOC.: RAK
 DRAWN BY: RAK
 DATE: 09/2016
 SHEET
30 OF 43
 CLCPKC3

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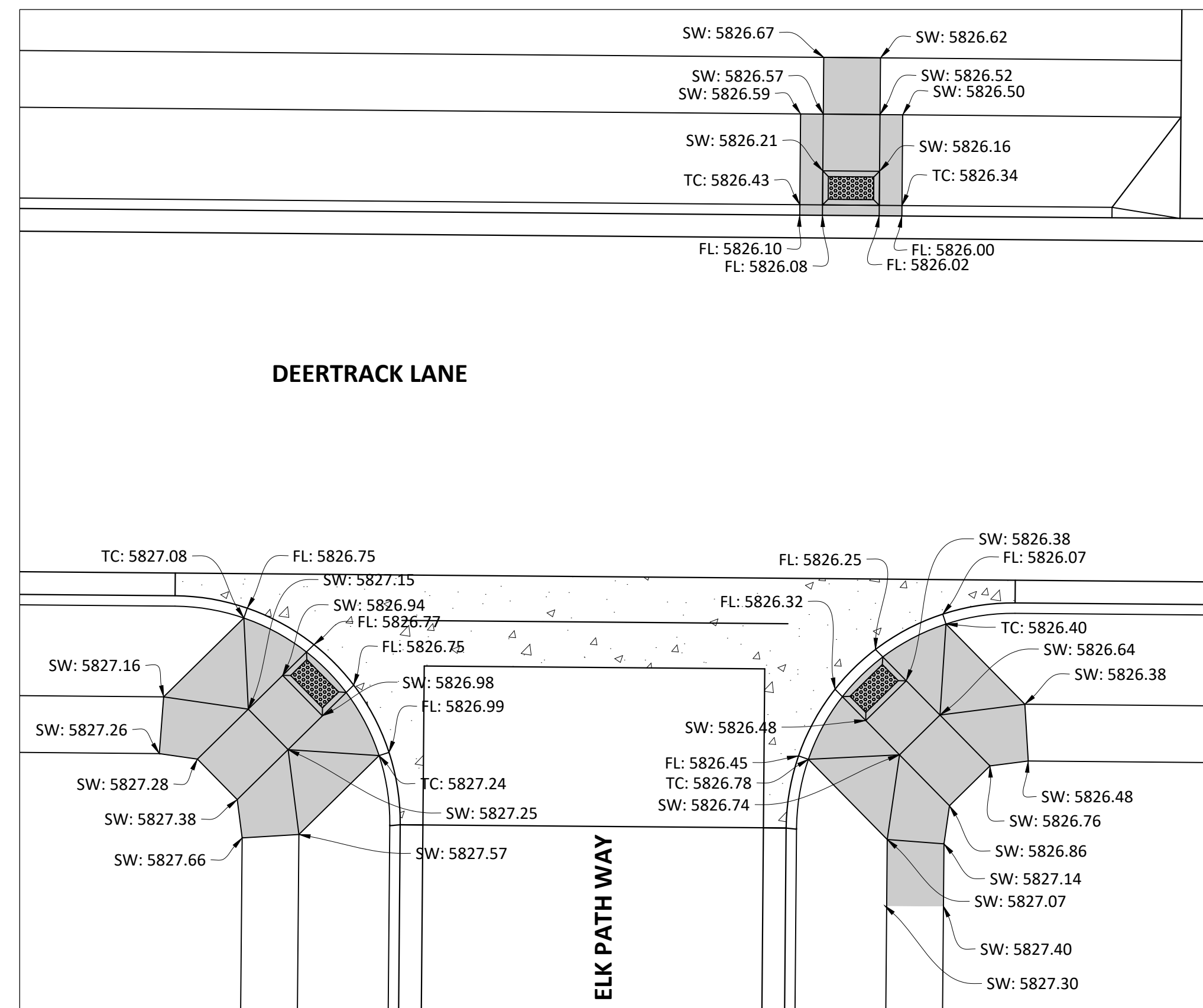
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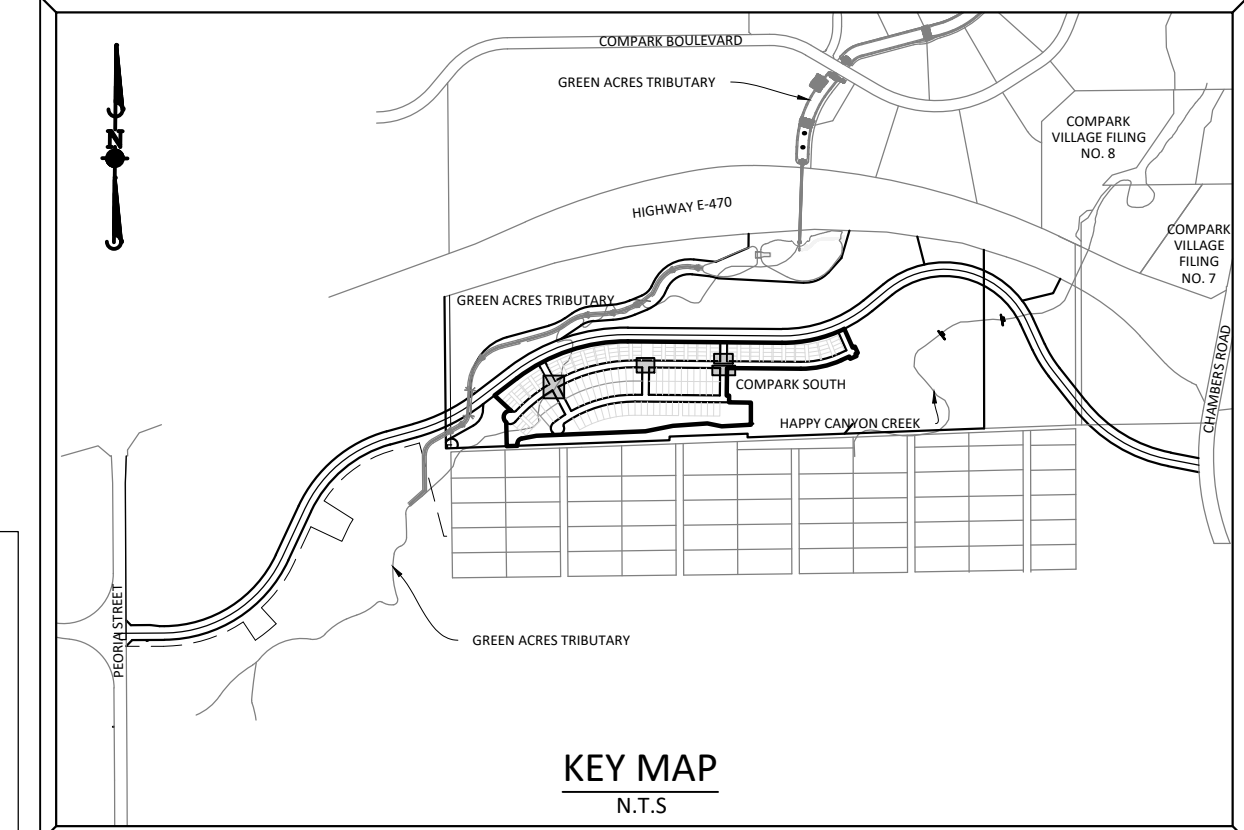
PLAN - BADGER RUN STREET AND DEERTRACK LANE



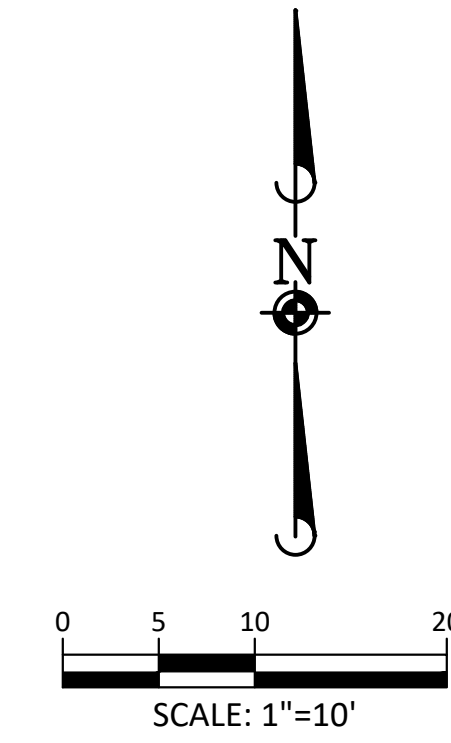
PLAN - LYNX CAT STREET AND DEERTRACK LANE



PLAN - ELK PATH WAY AND DEERTRACK LANE



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
08/20/20	SUBMITTAL FOR REPROVAL
09/02/20	SUBMITTAL FOR REPROVAL
03/02/20	SUBMITTAL FOR REPROVAL
07/07/17	FINAL SUBMITTAL
05/20/16	ALLEY PARKING PER TOWN OF PARKER
11/20/16	SECOND SUBMITTAL

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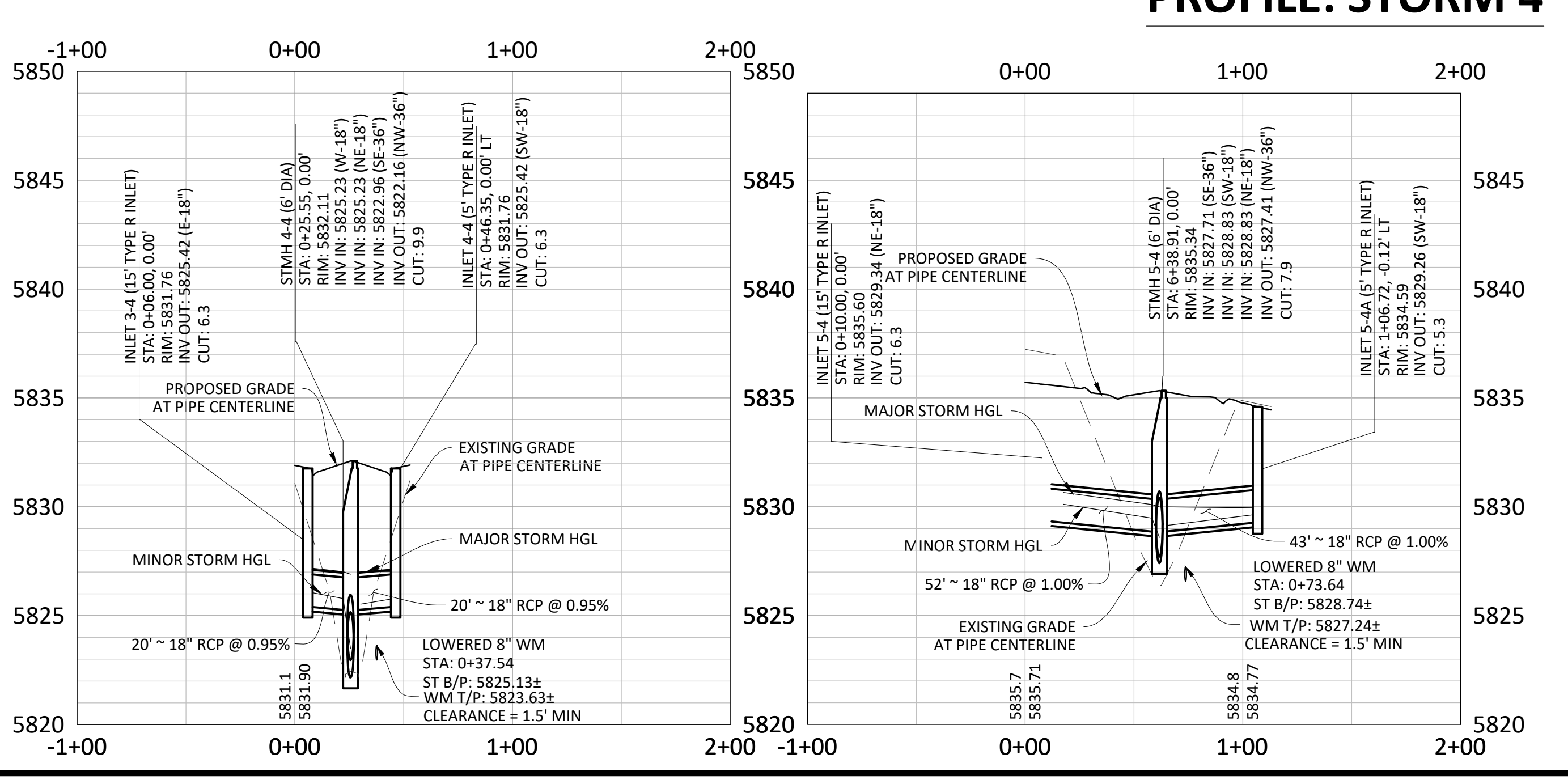
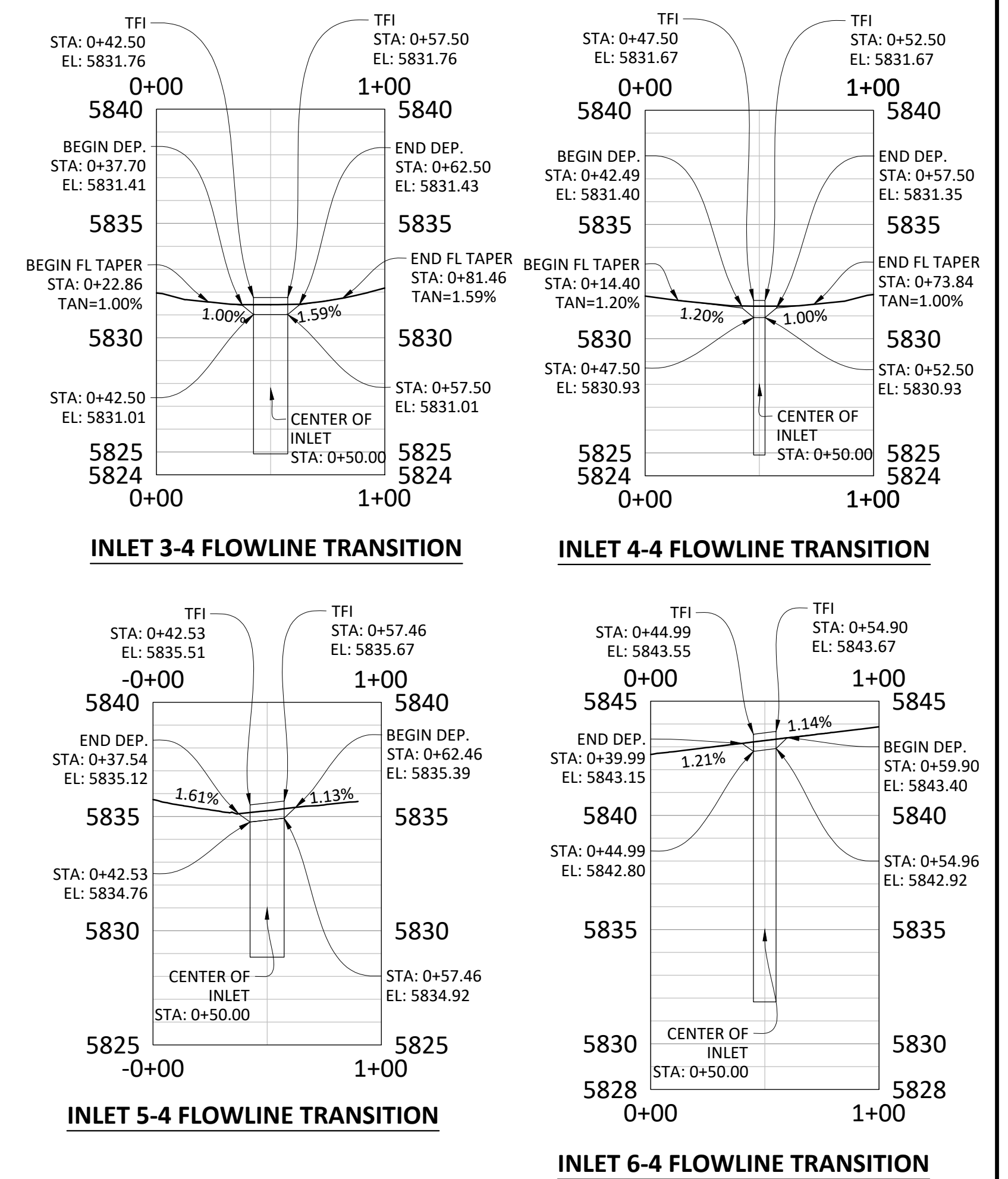
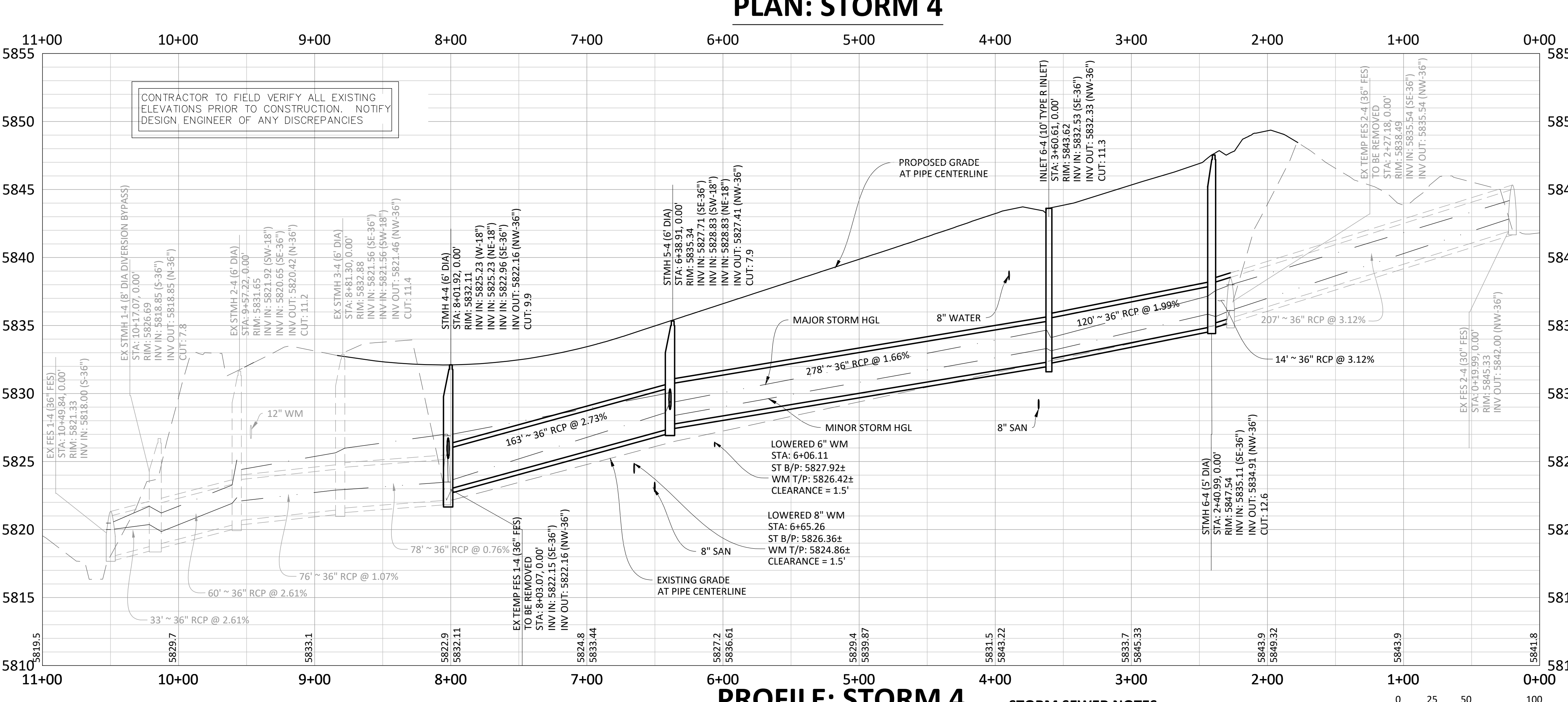
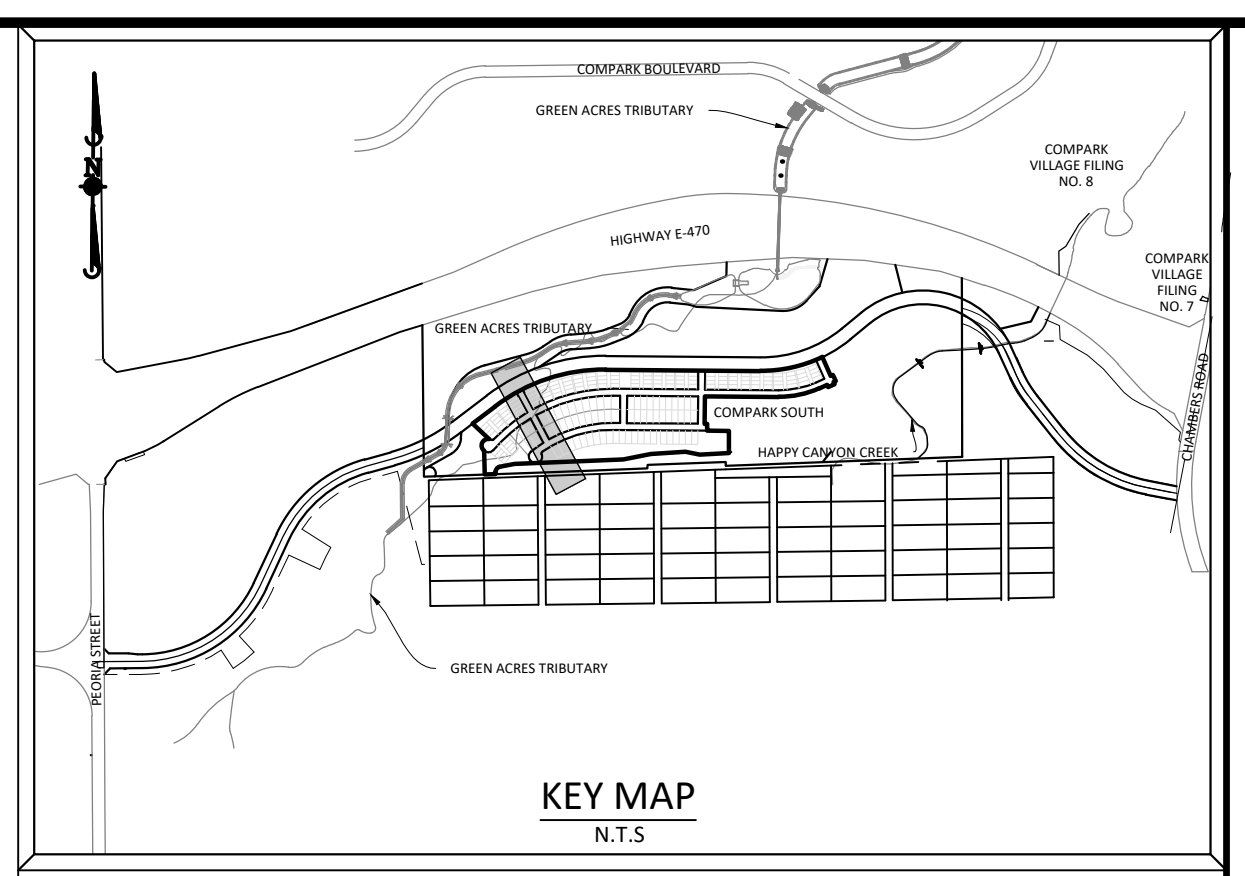
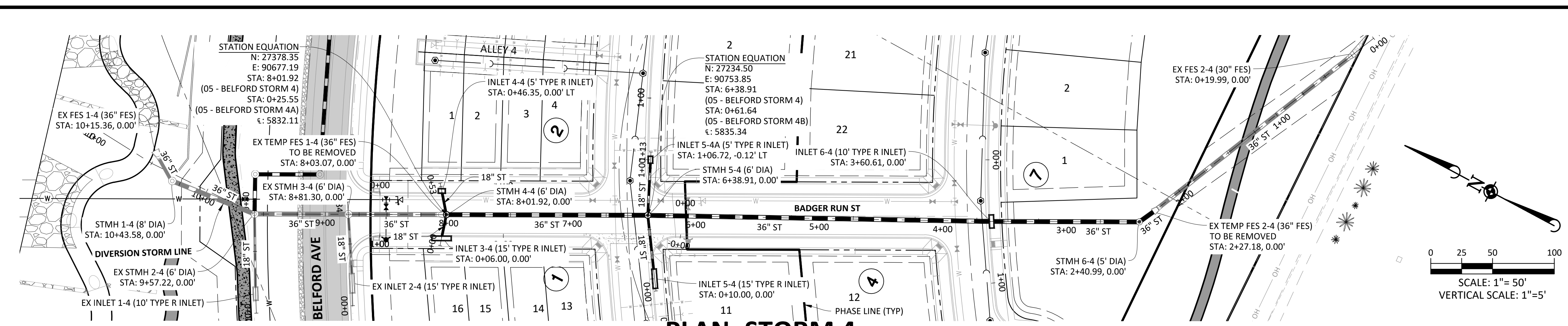
COMPARK VILLAGE SOUTH FILING NO. 2
TOWN OF PARKER, COLORADO
CURB RAMP DETAILS

PROJ. MGR.: RJM
 PROJ. ASSOC.: RAK
 DRAWN BY:
 DATE: 09/2016

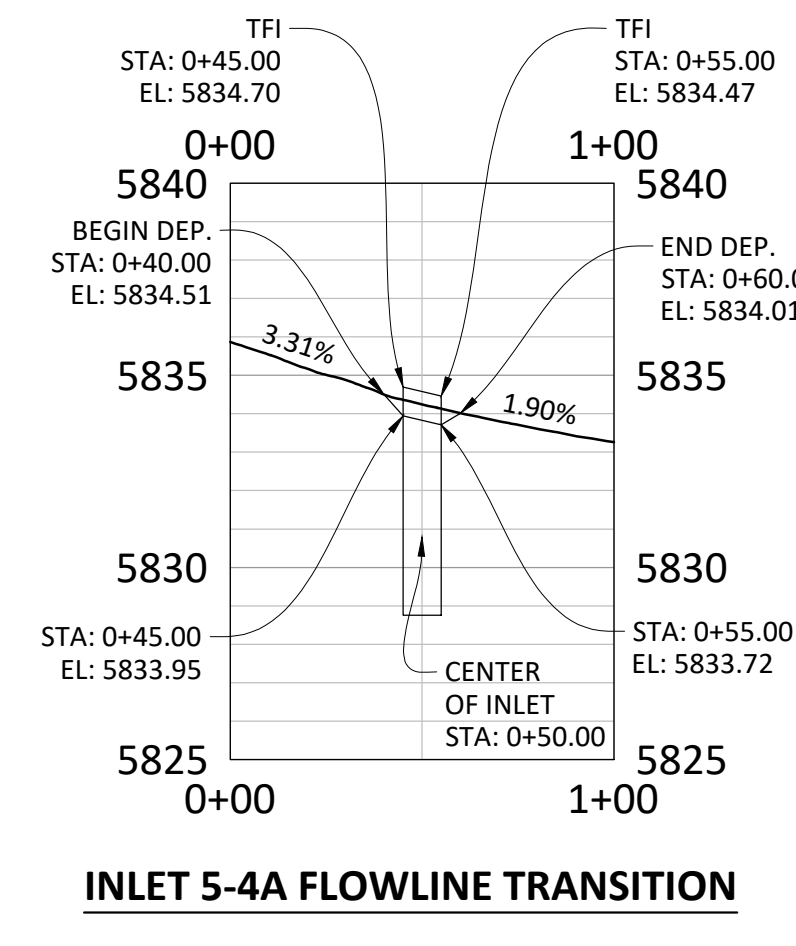
SHEET
31 OF **43**
 CLCPK3

Printed: 8/14/2020 3:31 PM Dwg Name: P:\C\clpk3\Com\05\Residential\CD\Drawings\Final Drawings\Plan Set\Town\PA05 - 1\05a-CLCPK3-Curb Ramp Details.dwg Updated By: AJunker

RESUBMIT FOR APPROVAL - NOT FOR CONSTRUCTION



- STORM SEWER NOTES:**
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION, AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
 - REFER TO GENERAL NOTES ON SHEET 2 FOR ALL APPLICABLE CONSTRUCTION STANDARDS.
 - ALL STATIONING OFFSETS ARE TAKEN FROM CENTERLINE UNLESS OTHERWISE NOTED. REFER TO FINAL PLAT FOR RIGHT-OF-WAY AND CENTERLINE DIMENSIONS AND HORIZONTAL CONTROL.
 - STATIONS SHOWN IN PROFILE FOR TYPE-R INLETS ARE AT CENTER OF INLET.
 - ALL STORM SEWER PIPE LENGTHS ARE TO CENTER OF STRUCTURE FOR MANHOLES AND TO THE INSIDE OF THE CONCRETE BOX FOR TYPE-R AND TYPE-C INLETS.
 - ALL WATER MAIN CROSSINGS WITH STORM SEWER AND SANITARY SEWER SHALL HAVE A MINIMUM OF 18" CLEAR DISTANCE, VERTICAL. PIPE PROTECTION AT ALL CROSSINGS SHALL BE PROVIDED PER TOWN OF PARKER AND STATE SPECIFICATIONS.
 - ALL STORM SEWER SHALL BE RCP CLASS III UNLESS OTHERWISE NOTED.
 - TFI INDICATES TOP FRONT OF INLET ELEVATION. TFI ELEVATIONS SHOWN ON INLETS IN PLAN VIEW ARE FRONT CORNERS OF INLETS. REFER TO SPECIFIC INLET DETAILS ON STORM SEWER PLAN AND PROFILES.
 - REFER TO STONEGATE VILLAGE METRO DISTRICT APPROVED WATER AND SANITARY SEWER CONSTRUCTION PLANS FOR ALL PROPOSED WATER AND SANITARY SEWER LOCATIONS.



TOWN OF PARKER APPROVALS

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811
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SPECIAL STORM SEWER NOTE:
THE CONES OF STMH 4-5 AND STMH 5-5 SHALL BE ROTATED SO THAT THE LID IS OFF THE CROWN OF THE ROAD TO THE SOUTHWEST.

TOWN OF PARKER, DIRECTOR OF ENGINEERING/PUBLIC WORKS _____ DATE _____

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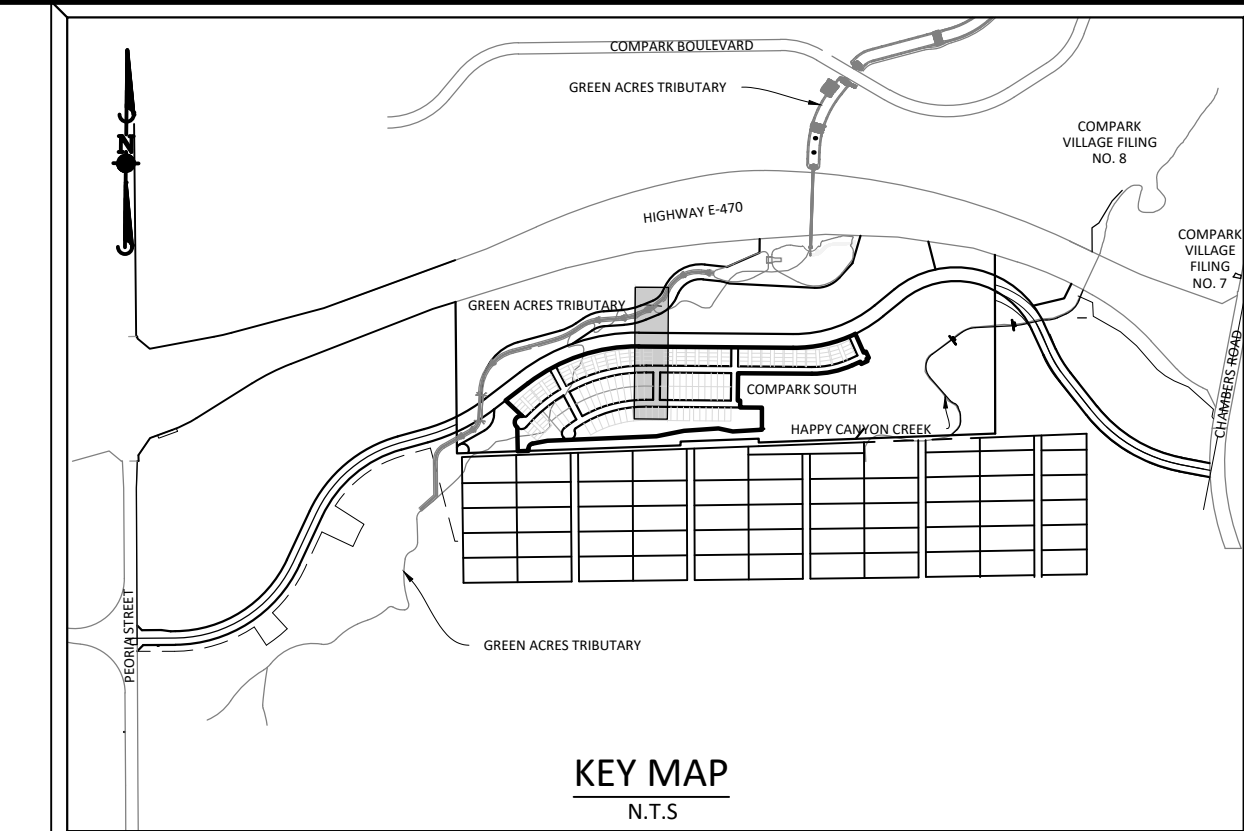
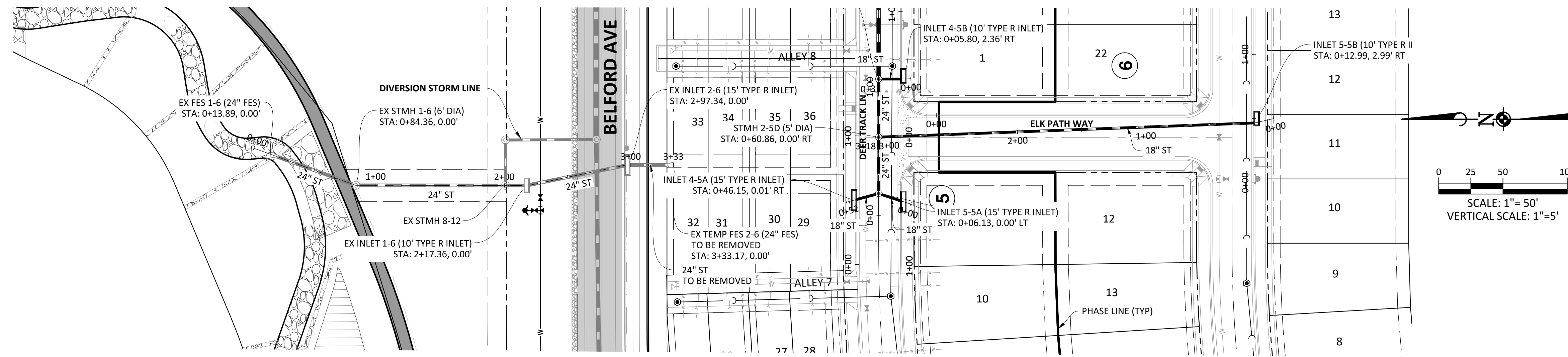
COMPARK VILLAGE SOUTH FILING NO. 2
TOWN OF PARKER, COLORADO
BADGER RUN STREET STORM PLAN & PROFILE

RESUBMIT FOR APPROVAL - NOT FOR CONSTRUCTION

DATE	REVISIONS
08/02/20	SUBMITTAL FOR REAPPROVAL
05/02/20	SUBMITTAL FOR REAPPROVAL
03/20/20	SUBMITTAL FOR REAPPROVAL
05/20/17	ALLEY PARKING PER TOWN OF PARKER
12/20/16	THIRD SUBMITTAL
11/2016	SECOND SUBMITTAL

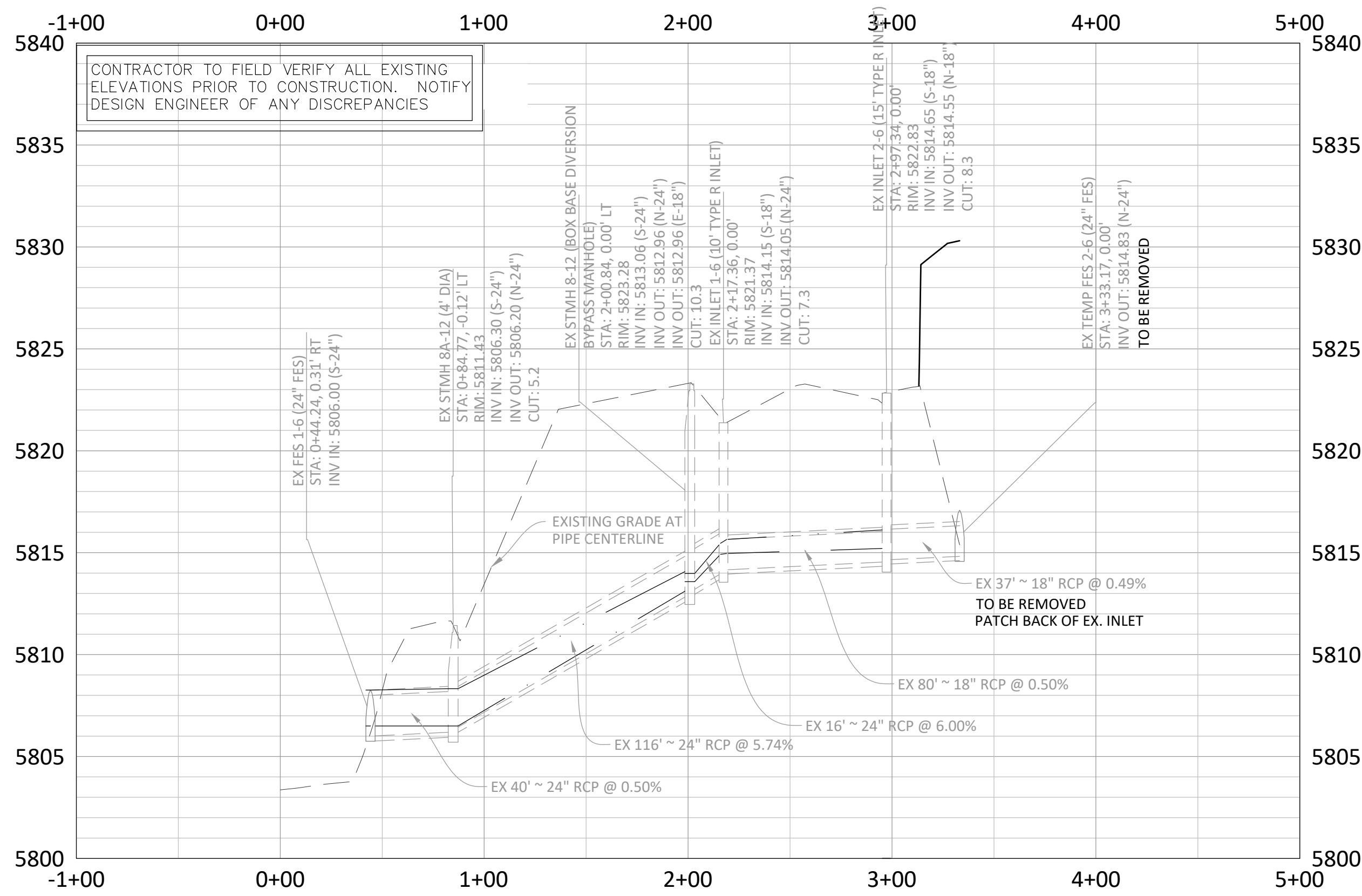
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PROJ. ASSOC.: RAK
DRAWN BY: RAK
DATE: 09/2016

SHEET 32 OF 43
CLCPK3



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)

PLAN: STORM 6



PROFILE: STORM 6

STORM SEWER NOTES:

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION, AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
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- STATIONS SHOWN IN PROFILE FOR TYPE-R INLETS ARE AT CENTER OF INLET.
- ALL STORM SEWER PIPE LENGTHS ARE TO CENTER OF STRUCTURE FOR MANHOLES AND TO THE INSIDE OF THE CONCRETE BOX FOR TYPE-R AND TYPE-C INLETS.
- ALL WATER MAIN CROSSINGS WITH STORM SEWER AND SANITARY SEWER SHALL HAVE A MINIMUM OF 18" CLEAR DISTANCE, VERTICAL. PIPE PROTECTION AT ALL CROSSINGS SHALL BE PROVIDED PER TOWN OF PARKER AND STATE SPECIFICATIONS.
- ALL STORM SEWER SHALL BE RCP CLASS III UNLESS OTHERWISE NOTED.



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TOWN OF PARKER, DIRECTOR OF ENGINEERING/PUBLIC WORKS _____ DATE _____

DATE	REVISIONS
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05/2020	SUBMITTAL FOR REAPPROVAL
03/2020	SUBMITTAL FOR REAPPROVAL
02/2017	ALLEY PARKING PER TOWN OF PARKER
12/2016	THIRD SUBMITTAL
11/2016	SECOND SUBMITTAL

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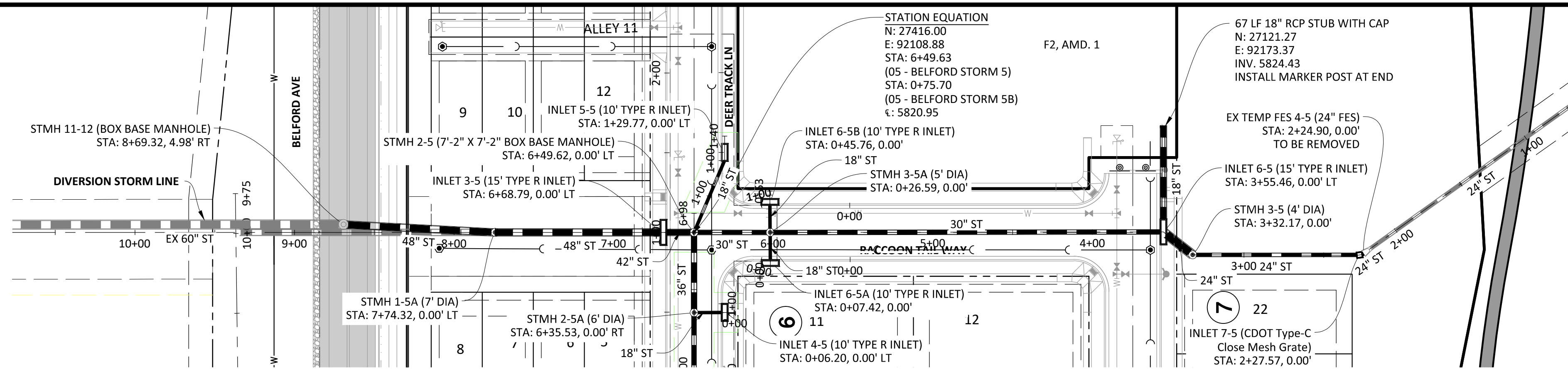
COMPARK VILLAGE SOUTH FILING NO. 2
 TOWN OF PARKER, COLORADO
 OFF-SITE STORM PLAN & PROFILE

PROJ. MGR.: RJM
 PROJ. ASSOC.: RAK
 DRAWN BY: RAK
 DATE: 09/2016

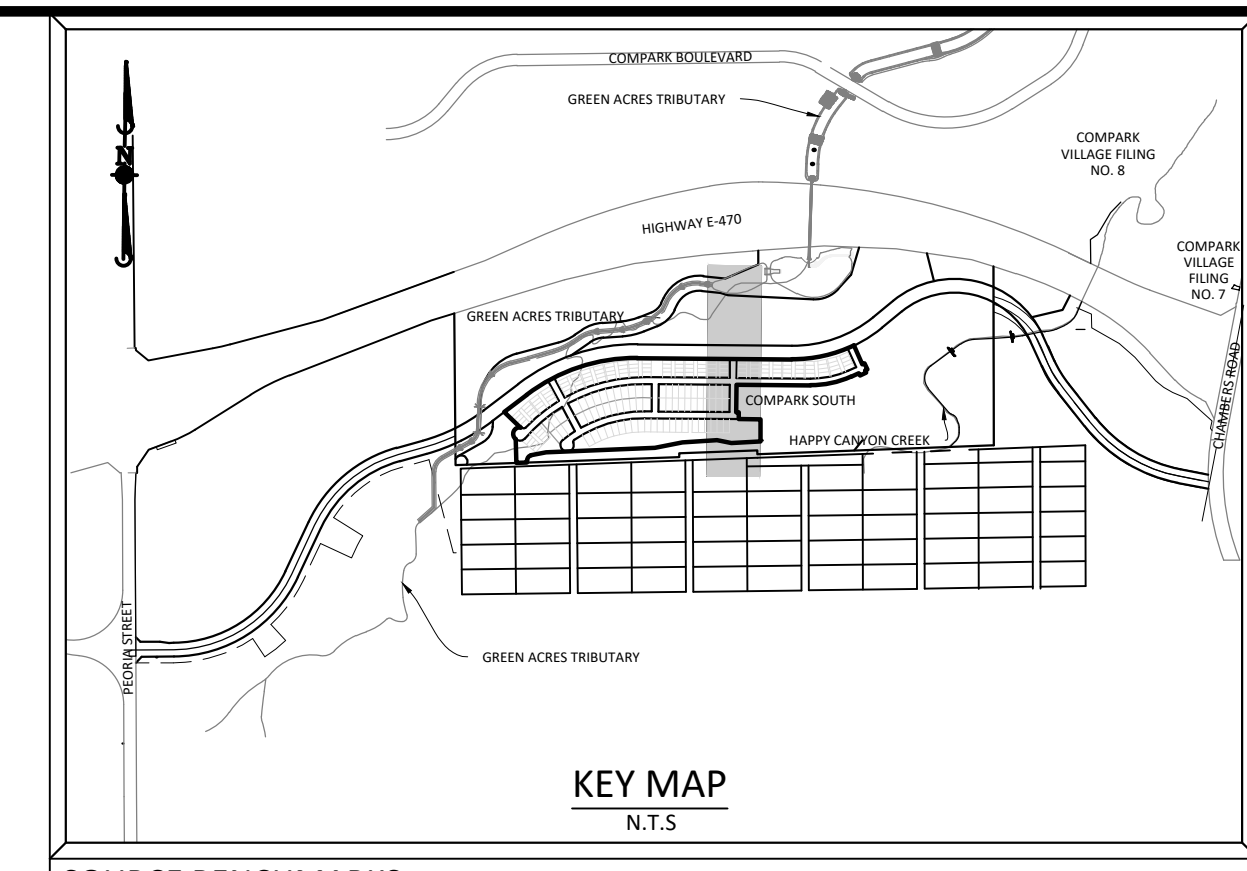
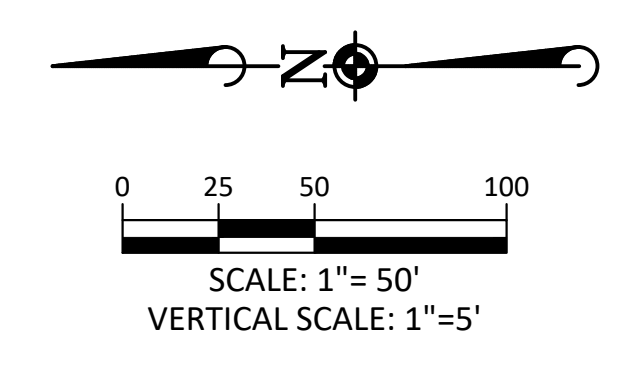
SHEET
33 OF 43
 CLCPKC3

RESUBMIT FOR APPROVAL - NOT FOR CONSTRUCTION

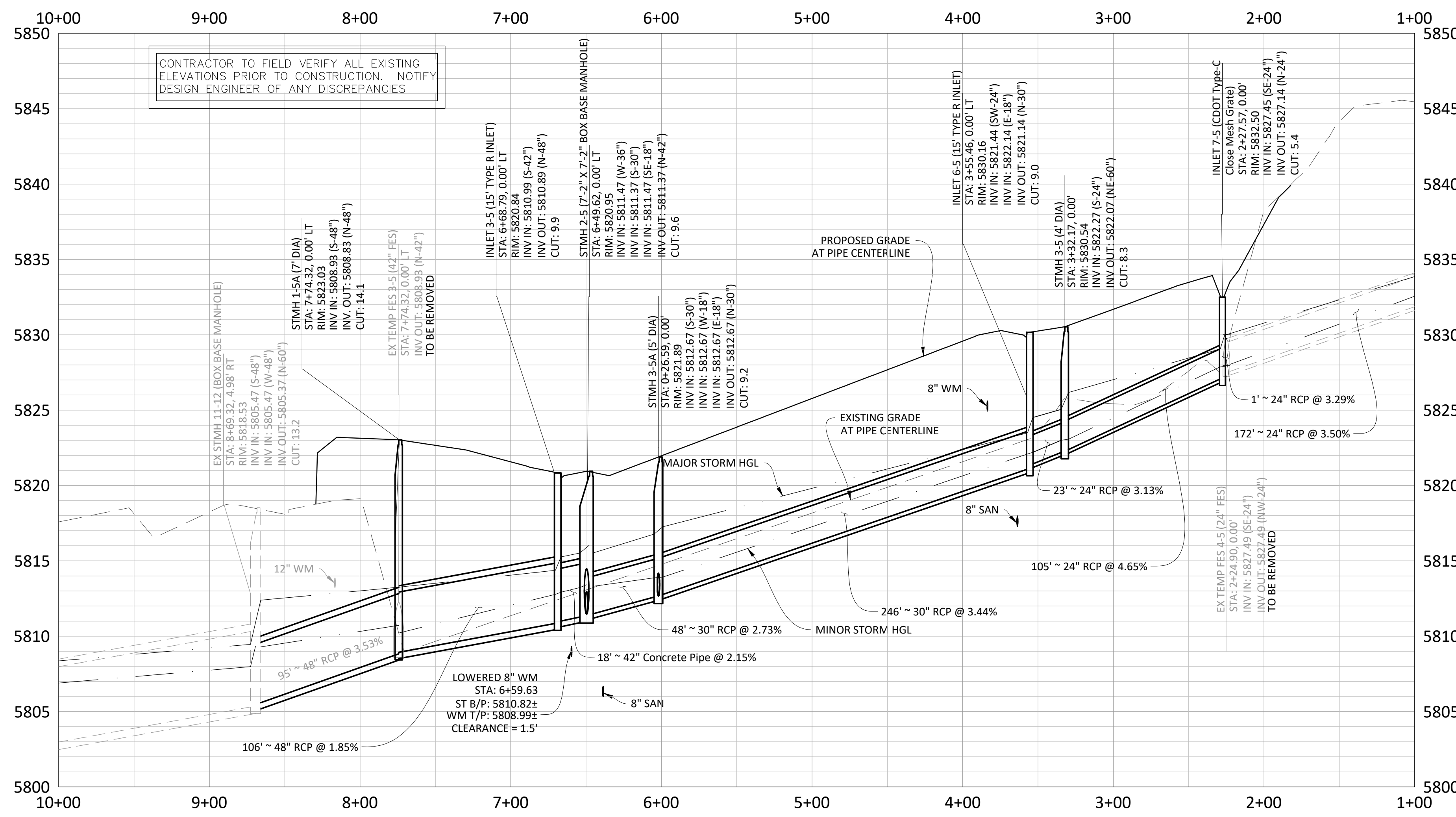
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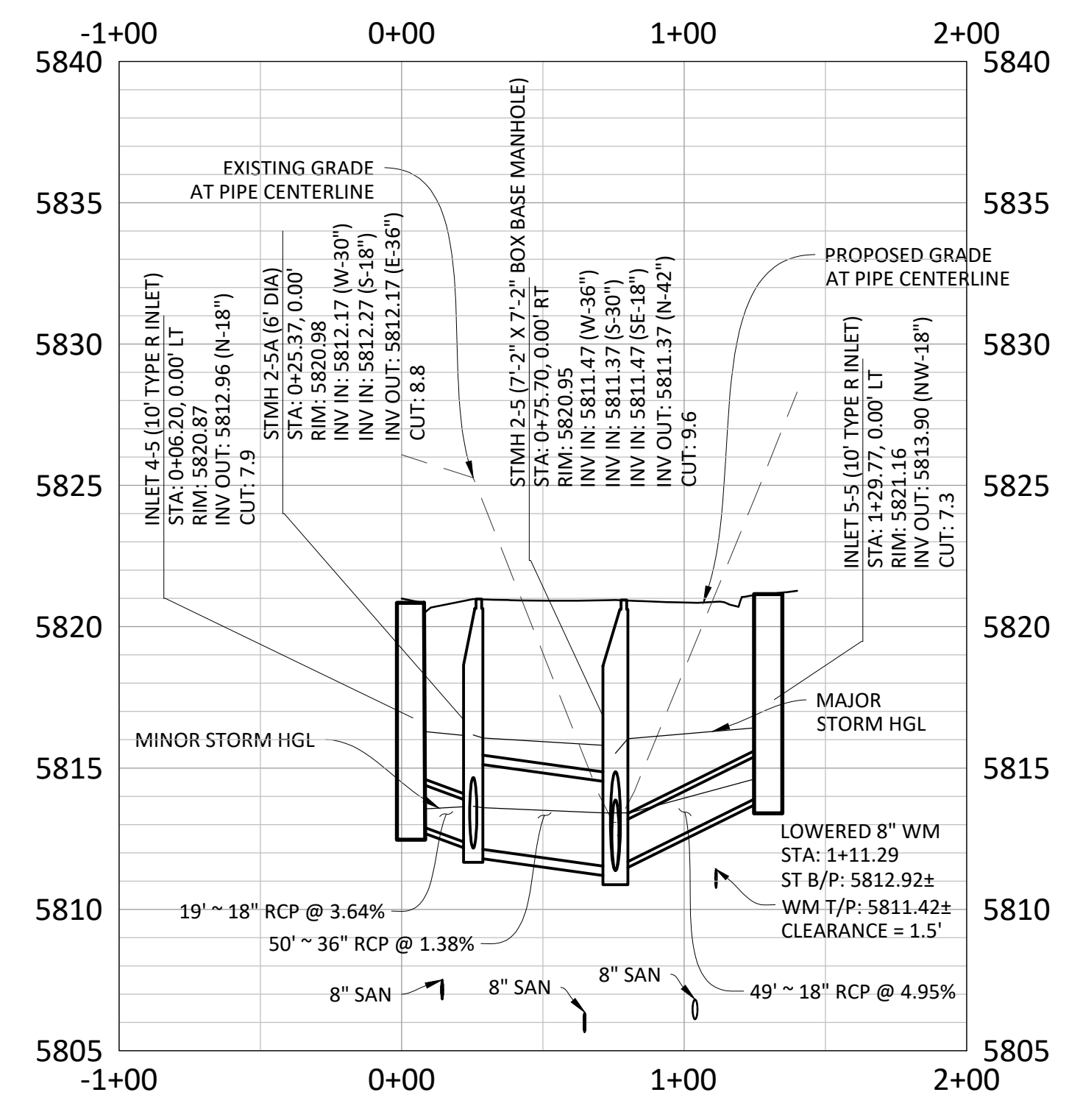
PLAN: STORM 5



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)



PROFILE: STORM 5



- SPECIAL STORM SEWER NOTES:**
- 1) CONTRACTOR SHALL NOTE THAT INLET 5-5 IS NOT A STANDARD R-INLET AND NEEDS TO BE MODIFIED FOR THE 36" RCP OUTGOING STORM PIPE. THE INSIDE WIDTH OF THE BOX SHALL BE ENLARGED TO A MINIMUM OF 4'-5" (INSIDE WALL TO INSIDE WALL) VERSUS THE 3'-0" DIMENSION SHOWN ON CDOT'S M-604-12 DETAIL.
 - 2) THE CONE OF STMH 2-5 SHALL BE ROTATED SO THAT THE LID IS OFF THE CROWN OF THE ROAD TO THE WEST.
 - 3) TFI INDICATES TOP FRONT OF INLET ELEVATION. TFI ELEVATIONS SHOWN ON INLETS IN PLAN VIEW ARE FRONT CORNERS OF INLETS. REFER TO SPECIFIC INLET DETAILS ON STORM SEWER PLAN AND PROFILES.

STORM SEWER NOTES:

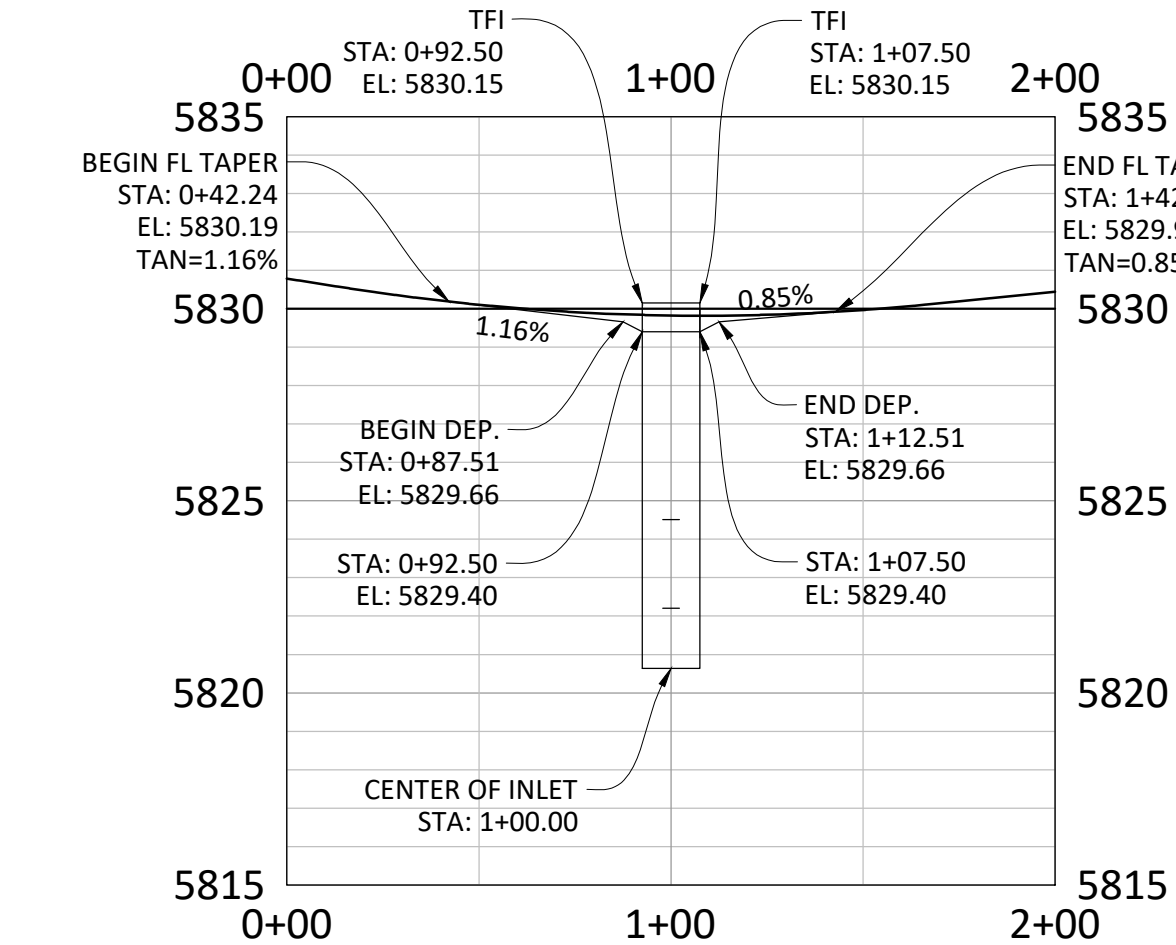
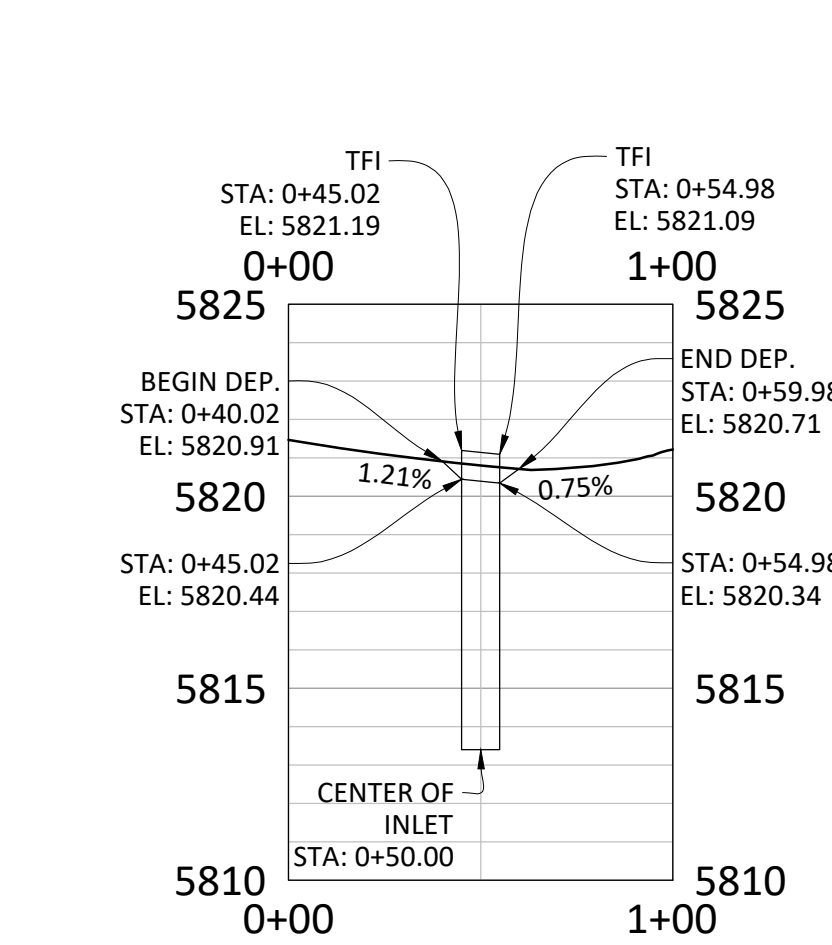
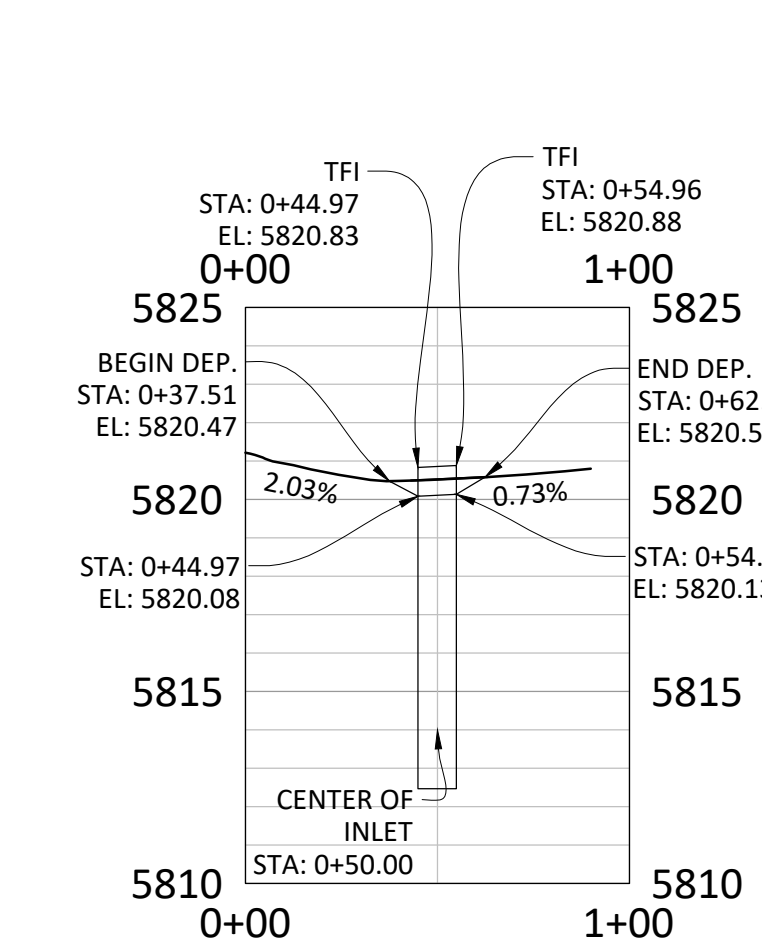
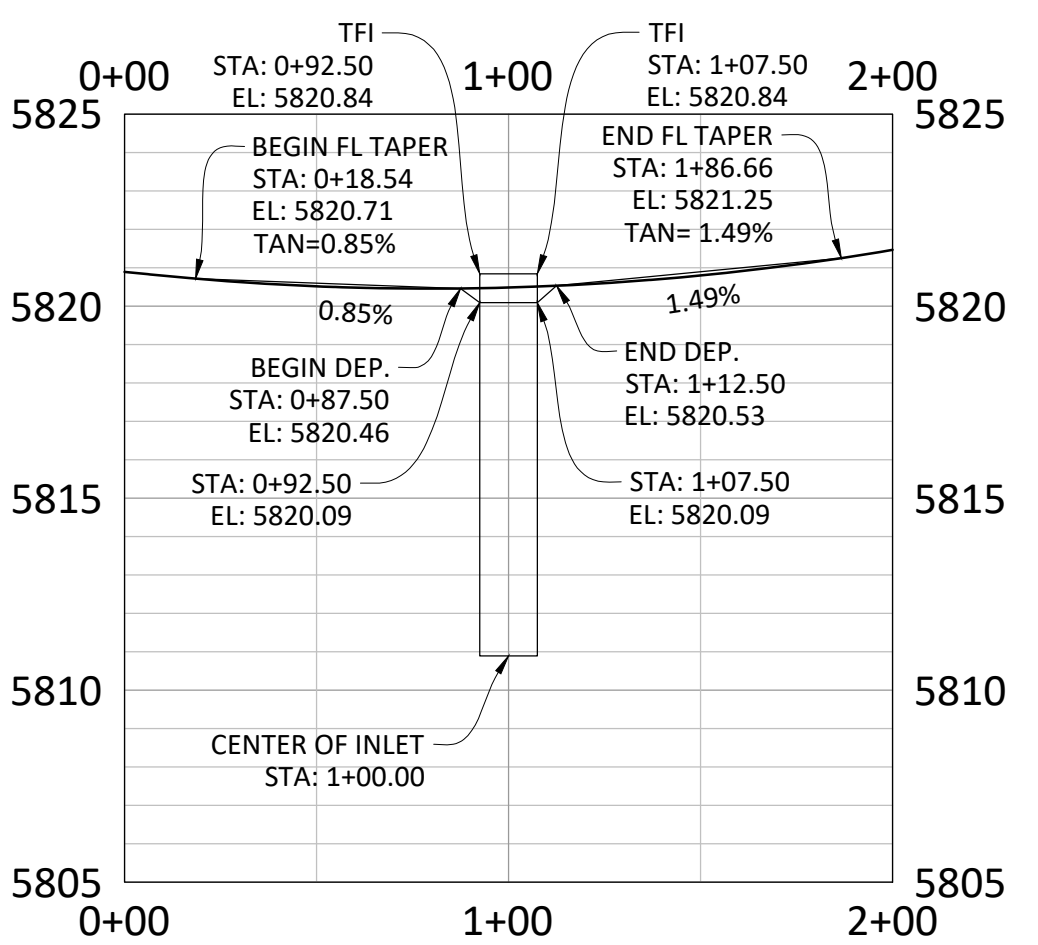
1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION, AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. REFER TO GENERAL NOTES ON SHEET 2 FOR ALL APPLICABLE CONSTRUCTION STANDARDS.
3. ALL STATIONING OFFSETS ARE TAKEN FROM CENTERLINE UNLESS OTHERWISE NOTED. REFER TO FINAL PLAT FOR RIGHT-OF-WAY AND CENTERLINE DIMENSIONS AND HORIZONTAL CONTROL.
4. STATIONS SHOWN IN PROFILE FOR TYPE-R INLETS ARE AT CENTER OF INLET.
5. ALL STORM SEWER PIPE LENGTHS ARE TO CENTER OF STRUCTURE FOR MANHOLES AND TO THE INSIDE OF THE CONCRETE BOX FOR TYPE-R AND TYPE-C INLETS.
6. ALL WATER MAIN CROSSINGS WITH STORM SEWER AND SANITARY SEWER SHALL HAVE A MINIMUM OF 18" CLEAR DISTANCE. VERTICAL PIPE PROTECTION AT ALL CROSSINGS SHALL BE PROVIDED PER TOWN OF PARKER AND STATE SPECIFICATIONS.
7. ALL STORM SEWER SHALL BE RCP CLASS III UNLESS OTHERWISE NOTED.



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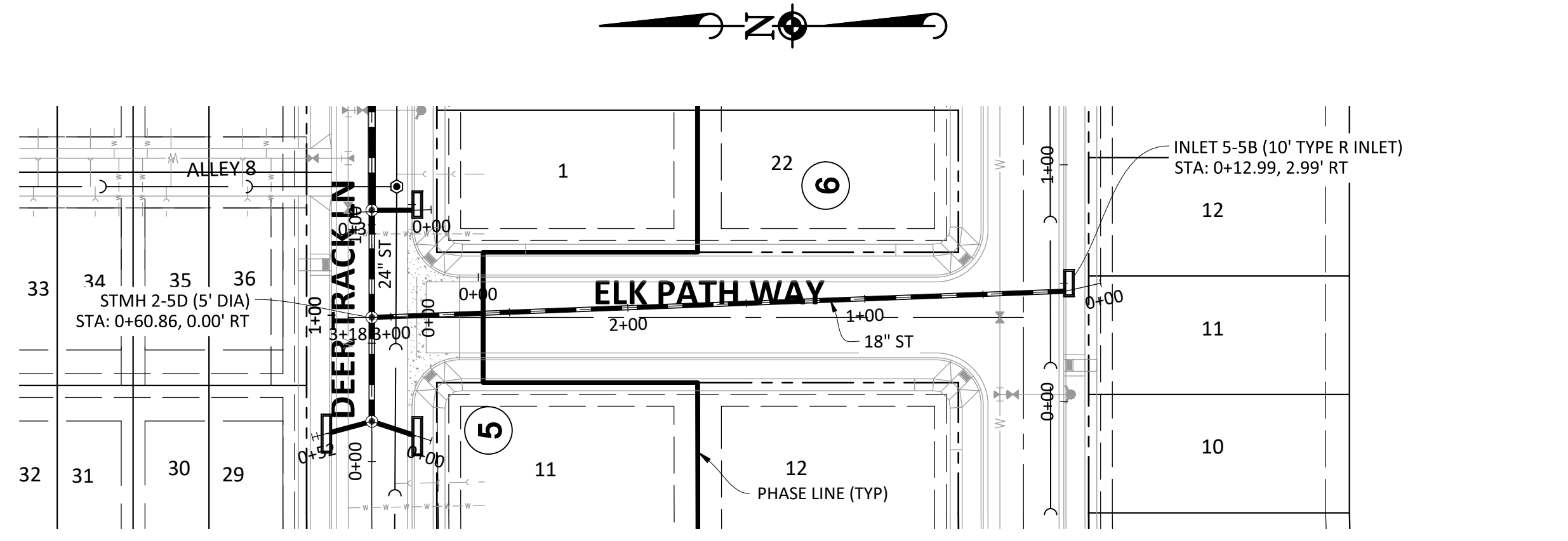


DATE	REVISIONS
08/20/20	SUBMITTAL FOR REAPPROVAL
05/20/20	SUBMITTAL FOR REAPPROVAL
07/20/20	SUBMITTAL FOR REAPPROVAL
09/20/20	ALLEY PARKING PER TOWN OF PARKER
12/20/20	THIRD SUBMITTAL
11/20/21	SECOND SUBMITTAL

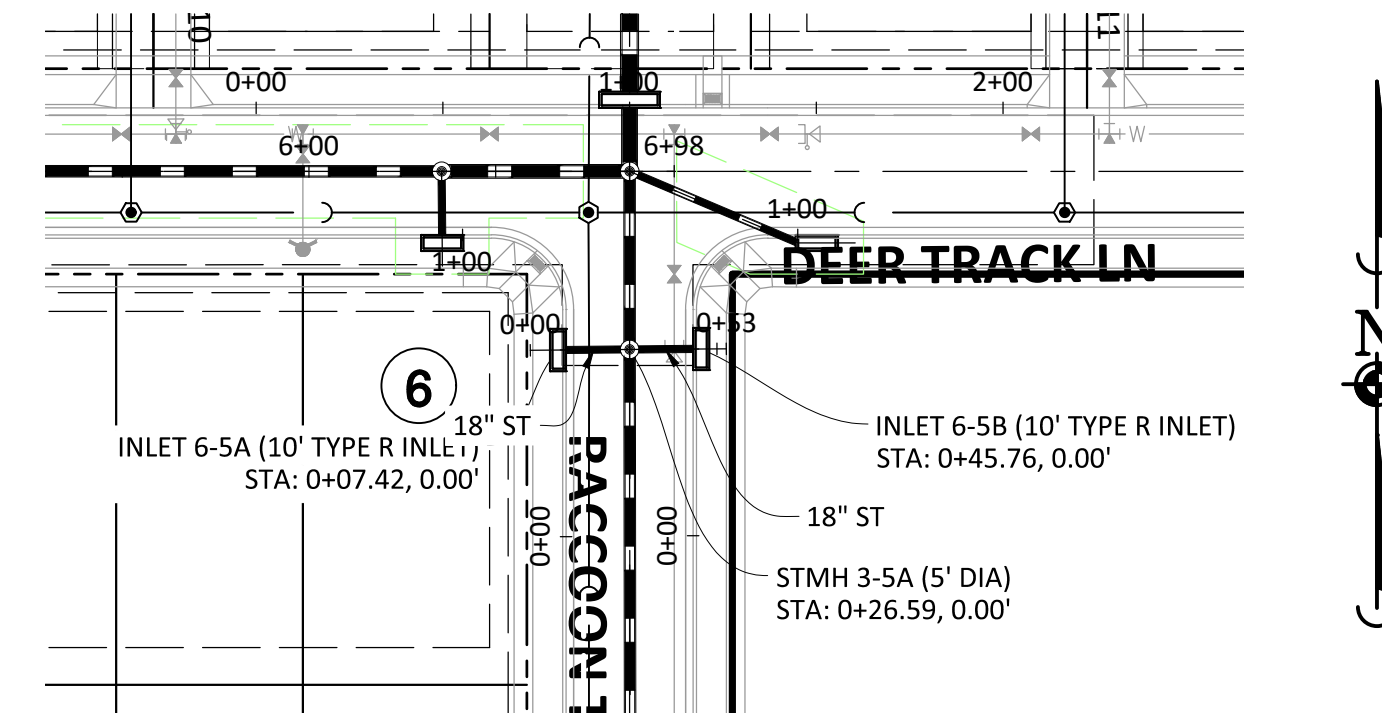
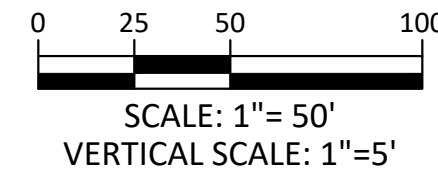
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COMPARK VILLAGE SOUTH FILING NO. 2
 TOWN OF PARKER, COLORADO
 RACCOON TAIL WAY STORM PLAN & PROFILE
 SHEET 34 OF 43
 CLCPKC3

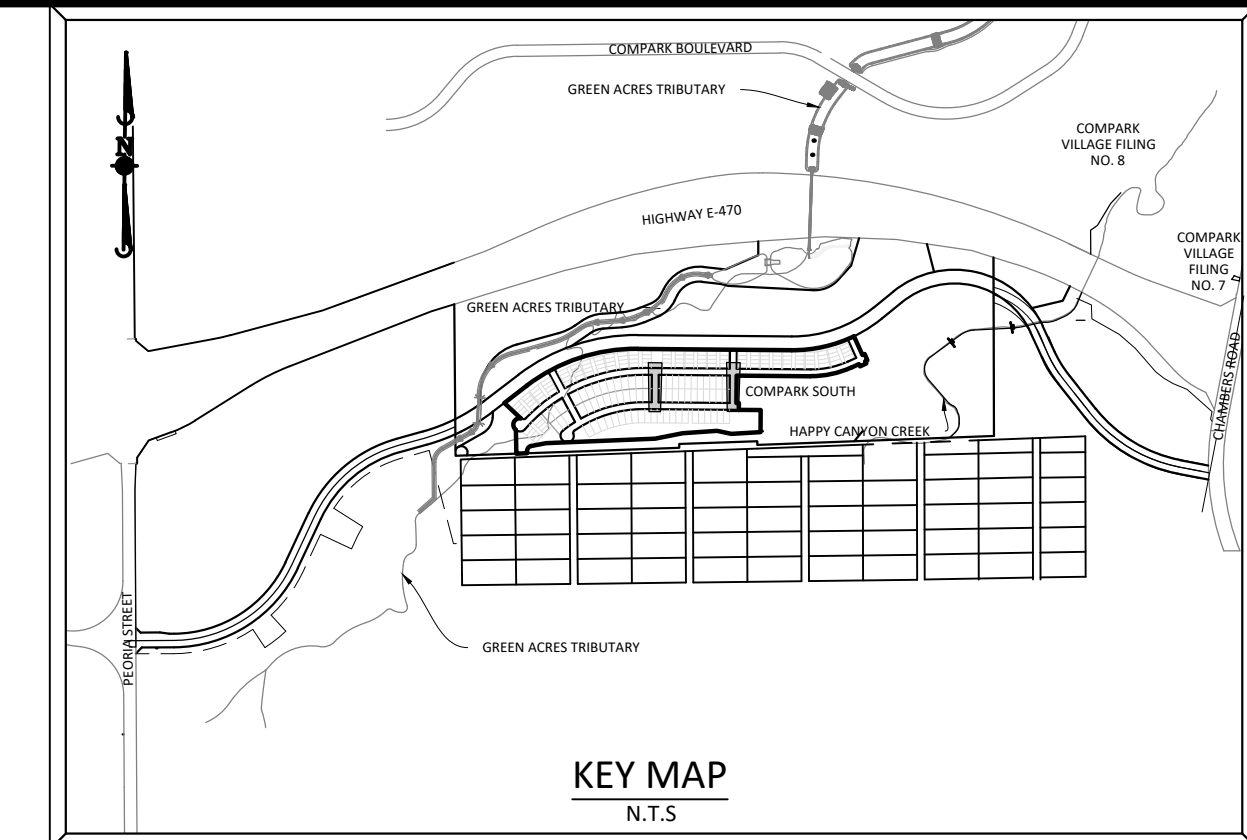
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PLAN: STORM 5E



PLAN: STORM 5H



SOURCE BENCHMARKS:

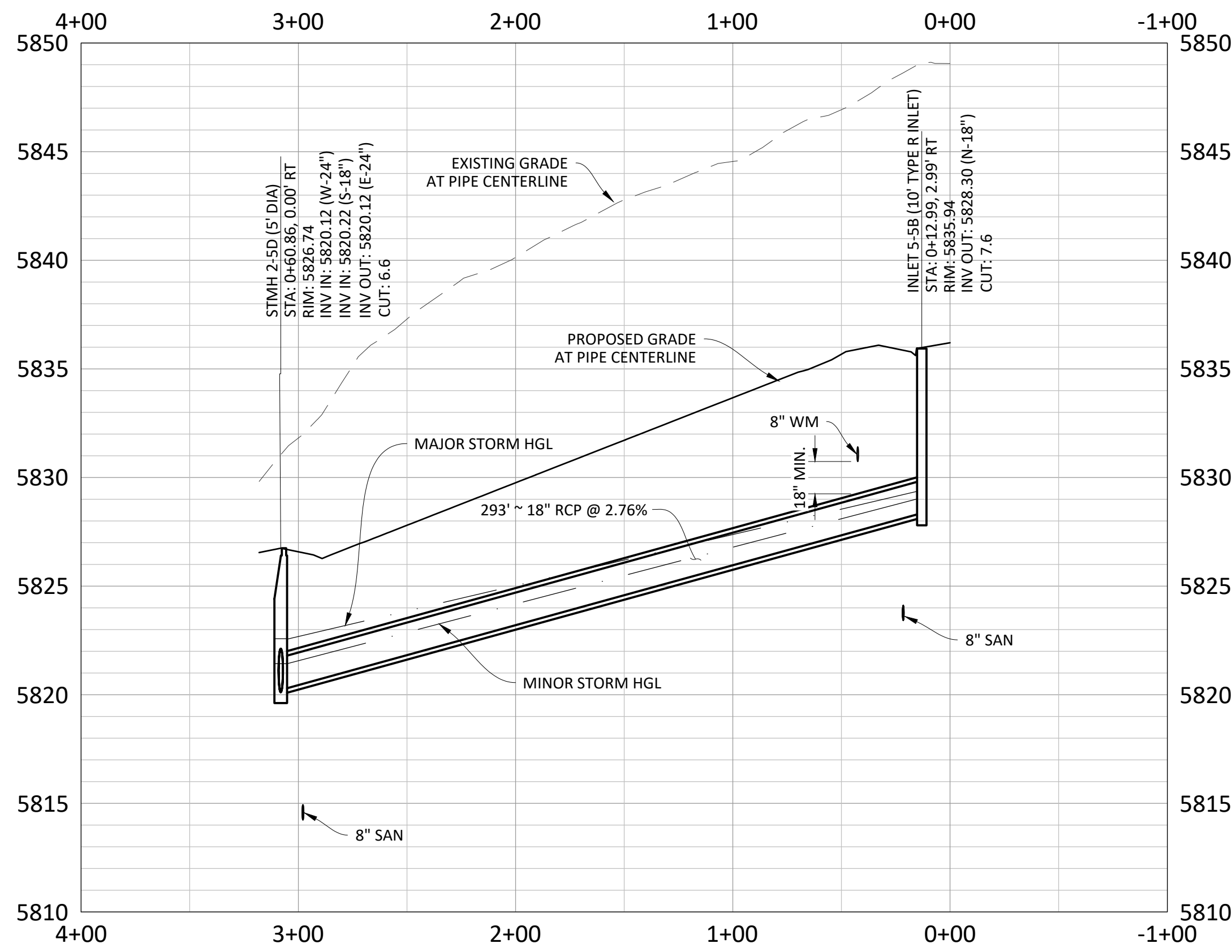
DOUGLAS COUNTY BM 1.115010
A DOUGLAS COUNTY GIS MONUMENT SET IN CONCRETE LOCATED APPROXIMATELY 130 FEET SOUTHWESTERLY OF THE CENTERLINE OF CHAMBERS ROAD AND 95 FEET NORTHWESTERLY OF THE CENTERLINE OF COMPARK BOULEVARD. ELEVATION = 5752.84 (NAVD 88)

SPECIAL STORM SEWER NOTES:

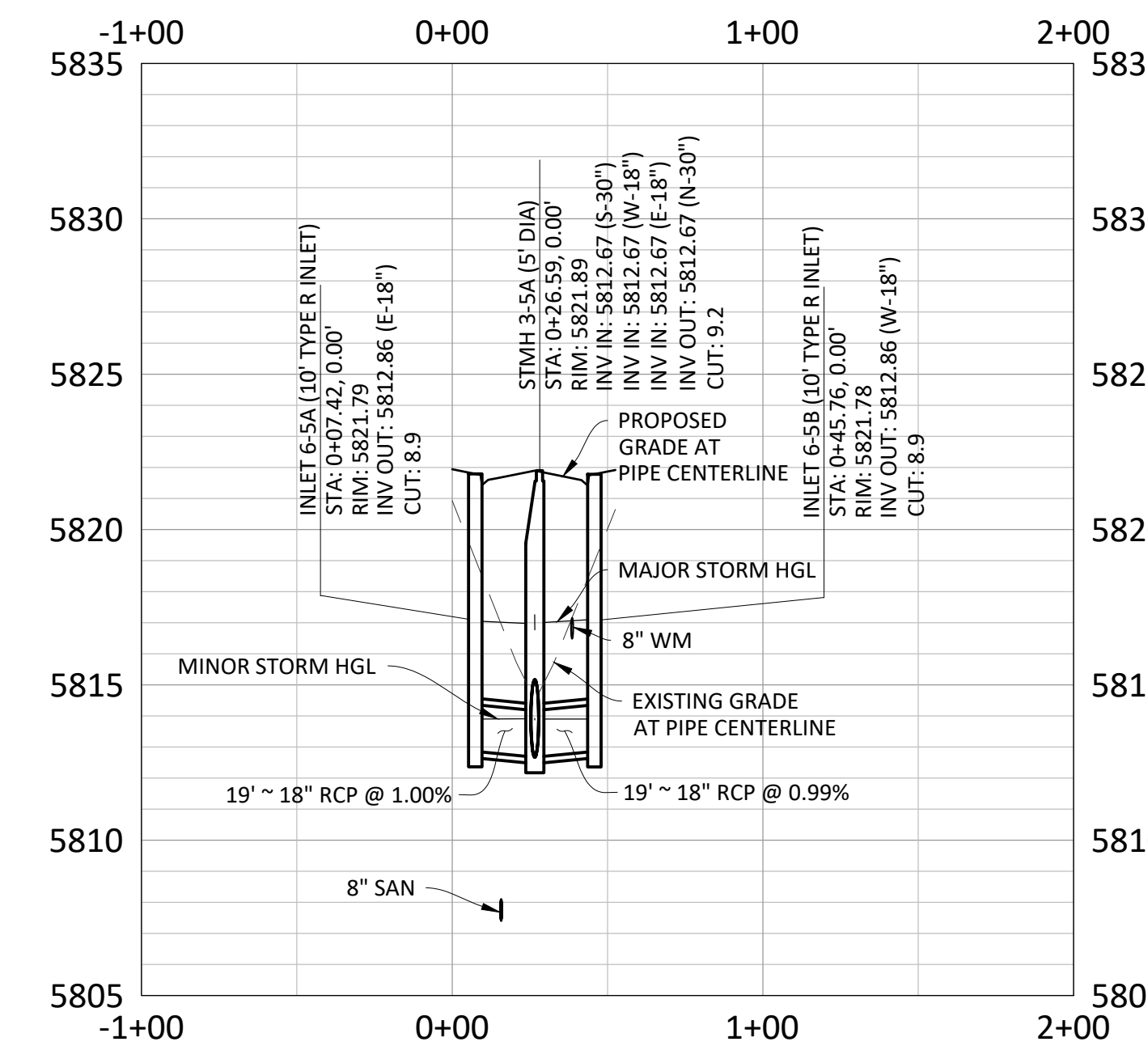
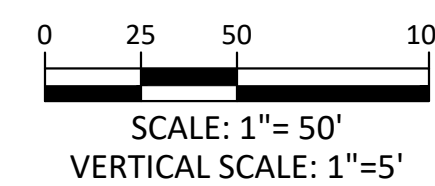
- 1.) THE CONES OF STMH 2-5A, STMH 2-5B, AND STMH 2-5C SHALL BE ROTATED SO THAT THE LID IS OFF THE CROWN OF THE ROAD TO THE SOUTH.
- 2.) THE CONE OF STMH 2-5 SHALL BE ROTATED SO THAT THE LID IS OFF THE CROWN OF THE ROAD TO THE WEST.

STORM SEWER NOTES:

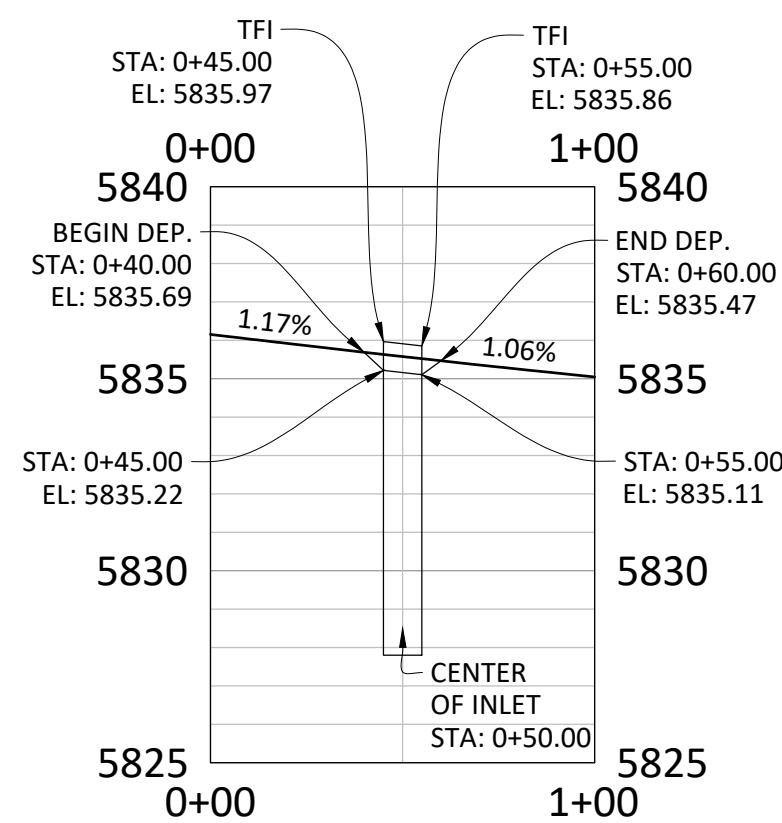
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2. REFER TO GENERAL NOTES ON SHEET 2 FOR ALL APPLICABLE CONSTRUCTION STANDARDS.
3. ALL STATIONING OFFSETS ARE TAKEN FROM CENTERLINE UNLESS OTHERWISE NOTED. REFER TO FINAL PLAT FOR RIGHT-OF-WAY AND CENTERLINE DIMENSIONS AND HORIZONTAL CONTROL.
4. STATIONS SHOWN IN PROFILE FOR TYPE-R INLETS ARE AT CENTER OF INLET.
5. ALL STORM SEWER PIPE LENGTHS ARE TO CENTER OF STRUCTURE FOR MANHOLES AND TO THE INSIDE OF THE CONCRETE BOX FOR TYPE-R AND TYPE-C INLETS.
6. ALL WATER MAIN CROSSINGS WITH STORM SEWER AND SANITARY SEWER SHALL HAVE A MINIMUM OF 18" CLEAR DISTANCE, VERTICAL. PIPE PROTECTION AT ALL CROSSINGS SHALL BE PROVIDED PER TOWN OF PARKER AND STATE SPECIFICATIONS.
7. ALL STORM SEWER SHALL BE RCP CLASS III UNLESS OTHERWISE NOTED.
8. TFI INDICATES TOP FRONT OF INLET ELEVATION. TFI ELEVATIONS SHOWN ON INLETS IN PLAN VIEW ARE FRONT CORNERS OF INLETS. REFER TO SPECIFIC INLET DETAILS ON STORM SEWER PLAN AND PROFILES.



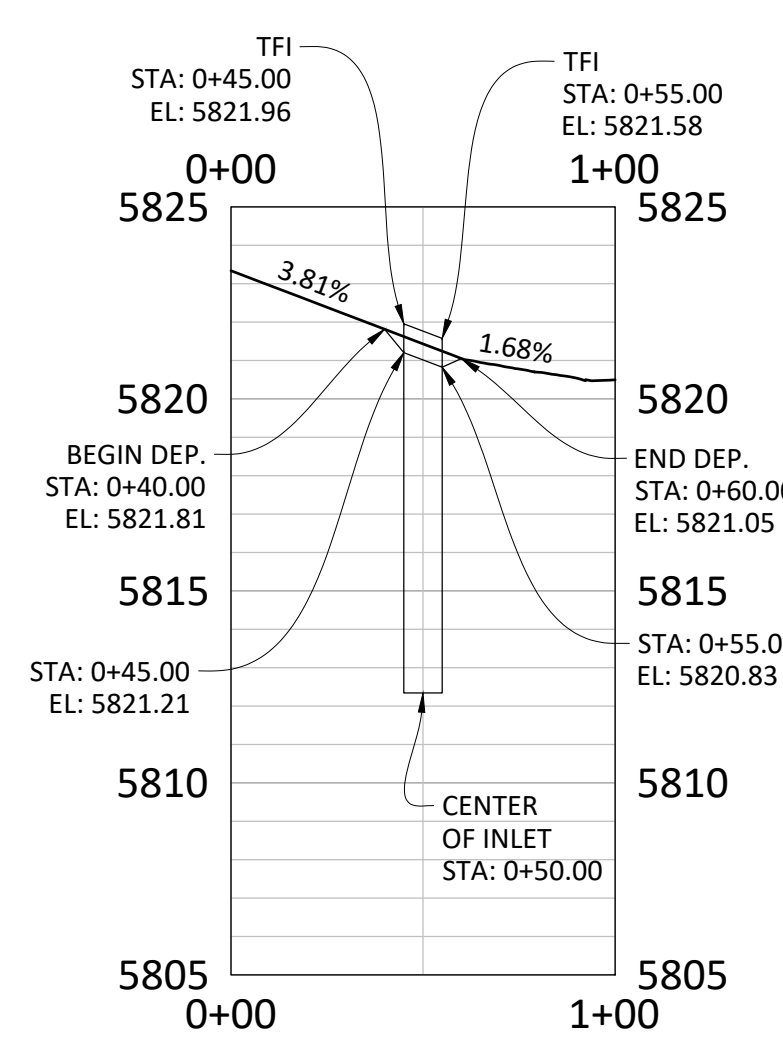
PROFILE: STORM 5E



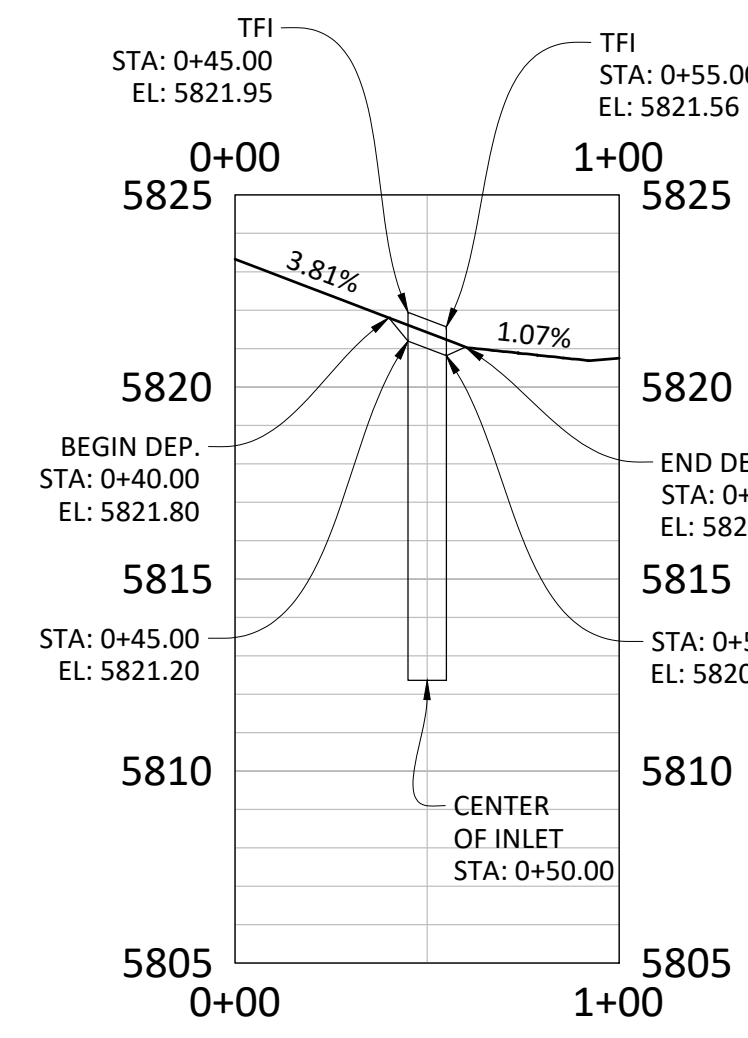
PROFILE: STORM 5H



INLET 5-5B FLOWLINE TRANSITION



INLET 6-5A FLOWLINE TRANSITION



INLET 6-5B FLOWLINE TRANSITION



TOWN OF PARKER APPROVALS

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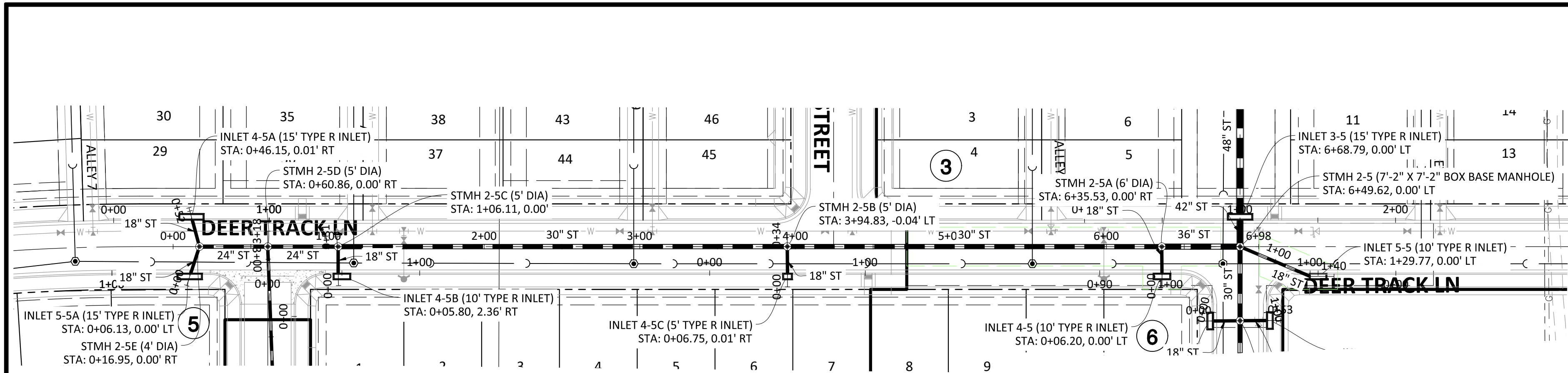
DATE	REVISIONS
08/20/20	SUBMITTAL FOR REAPPROVAL
05/20/20	SUBMITTAL FOR REAPPROVAL
07/20/19	SUBMITTAL FOR REAPPROVAL
09/20/17	ALLEY PARKING PER TOWN OF PARKER
12/30/16	THIRD SUBMITTAL
11/2016	SECOND SUBMITTAL

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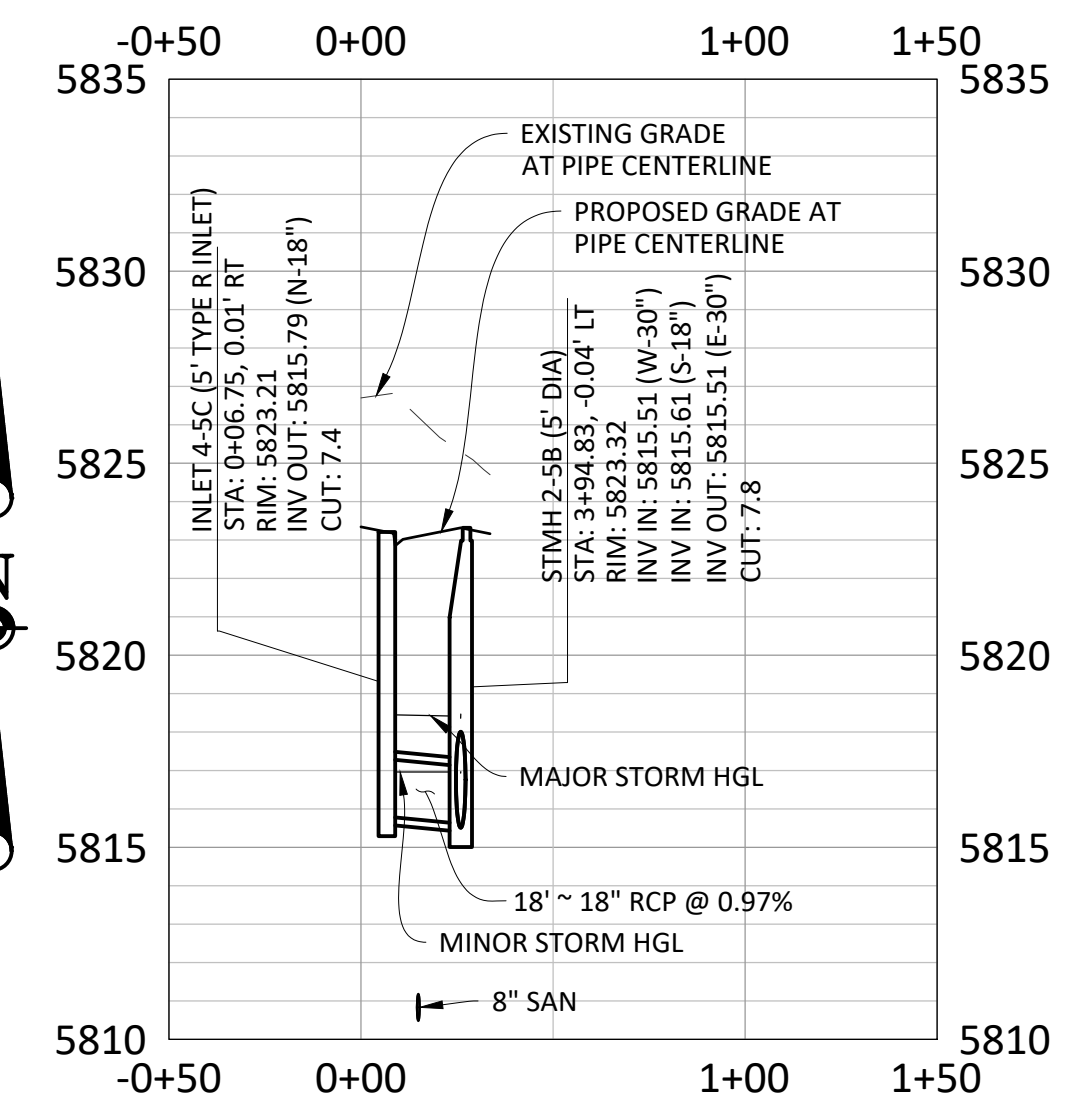
COMPARK VILLAGE SOUTH FILING NO. 2
TOWN OF PARKER, COLORADO
ELK PATHWAY & RACCOON TAIL WAY STORM PLAN & PROFILE

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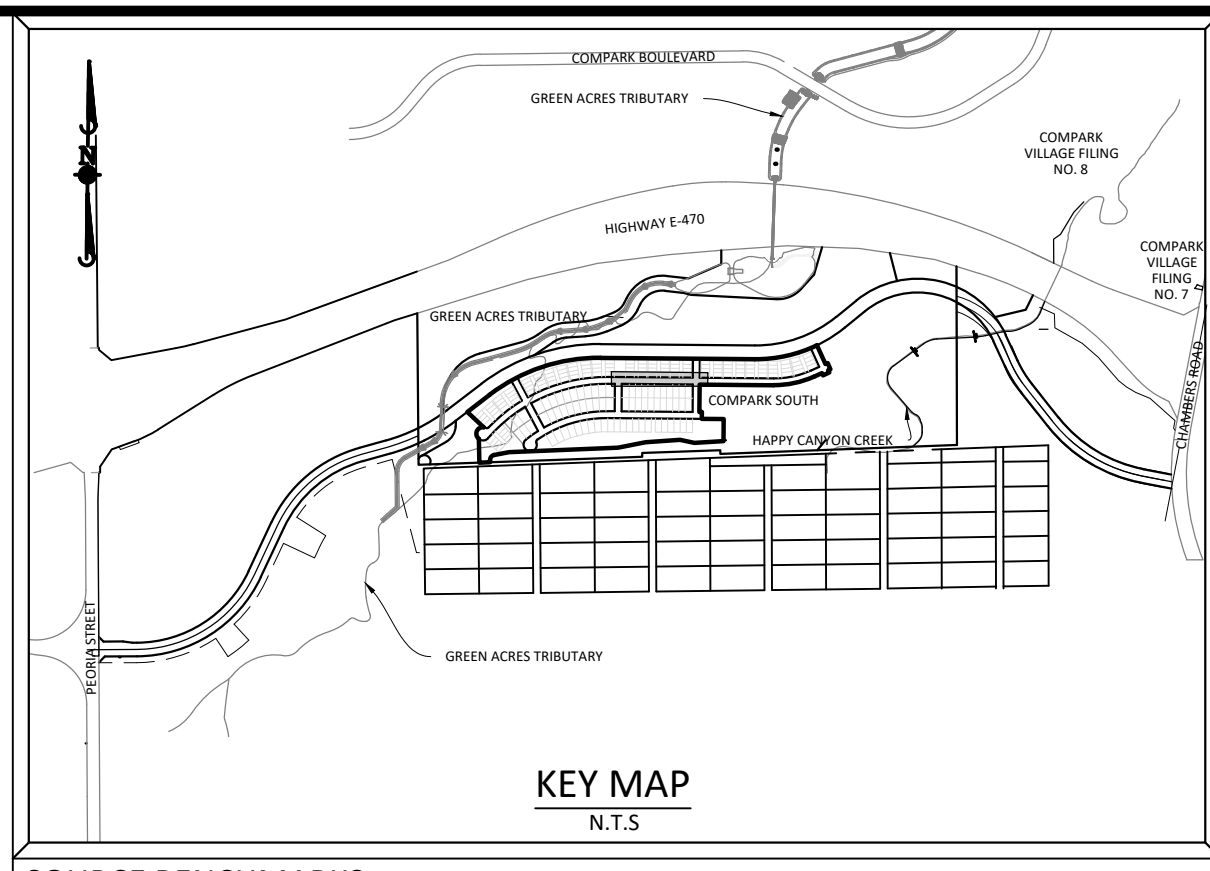
RESUBMIT FOR APPROVAL - NOT FOR CONSTRUCTION



PLAN: STORM 5



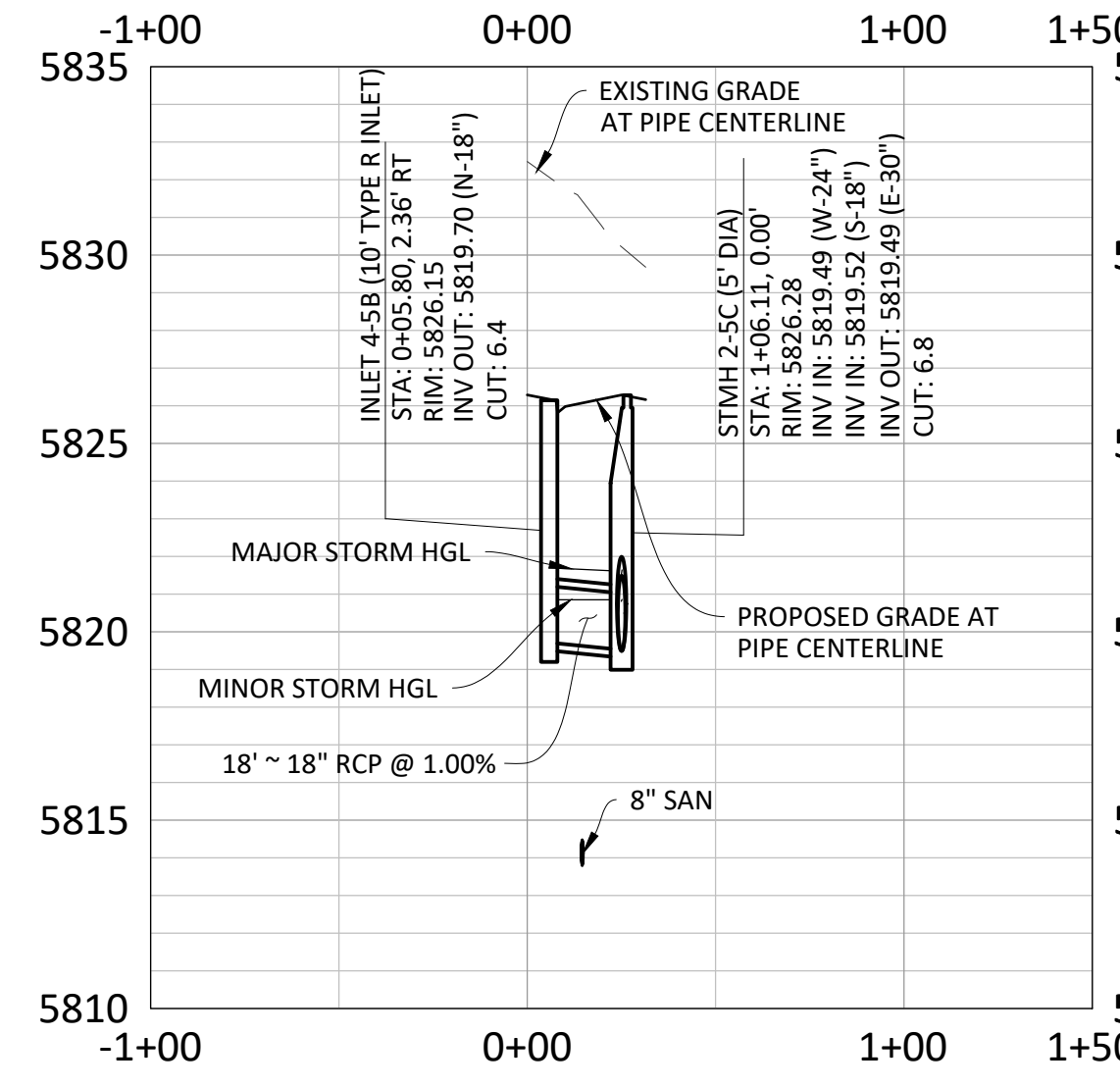
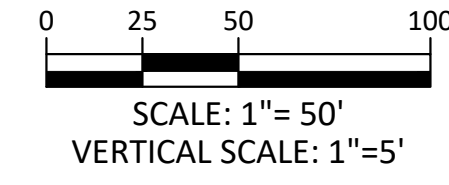
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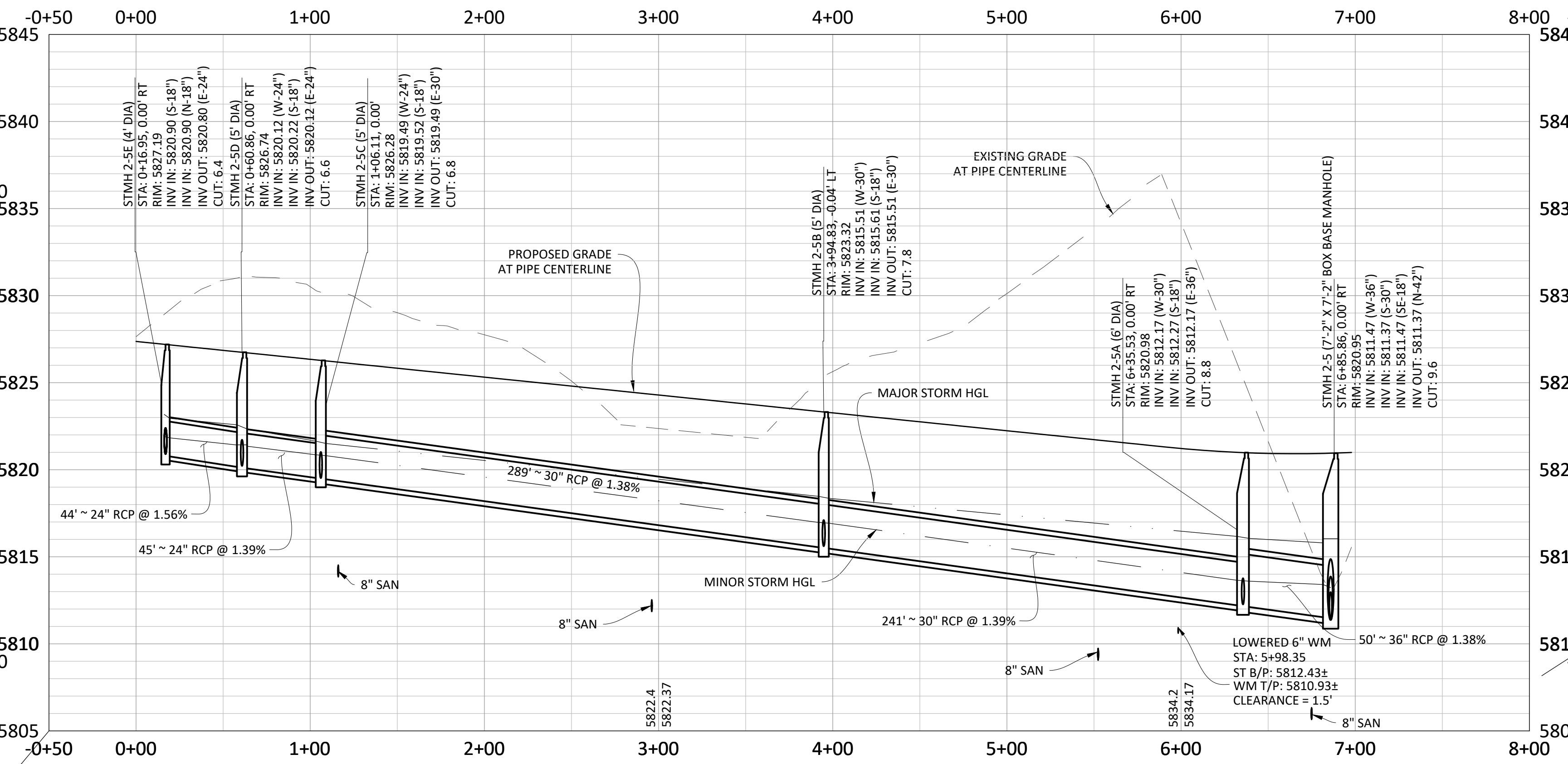
SOURCE BENCHMARKS:
DOUGLAS COUNTY BM 1.115010
A DOUGLAS COUNTY GIS MONUMENT SET IN CONCRETE LOCATED APPROXIMATELY 130 FEET SOUTHWESTERLY OF THE CENTERLINE OF CHAMBERS ROAD AND 95 FEET NORTHWESTERLY OF THE CENTERLINE OF COMPARK BOULEVARD. ELEVATION = 5752.84 (NAVD 88)



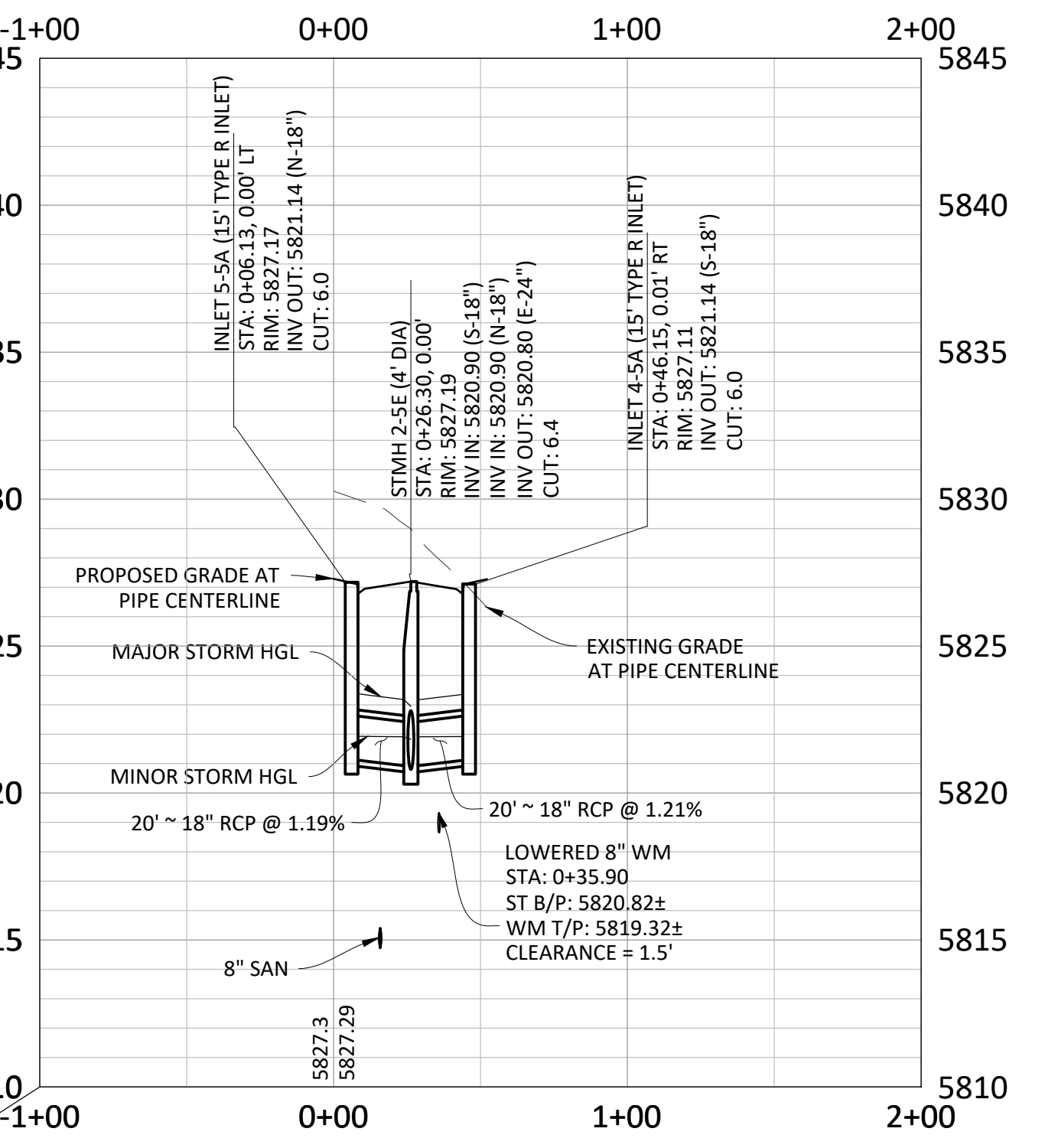
Know what's below.
Call before you dig.



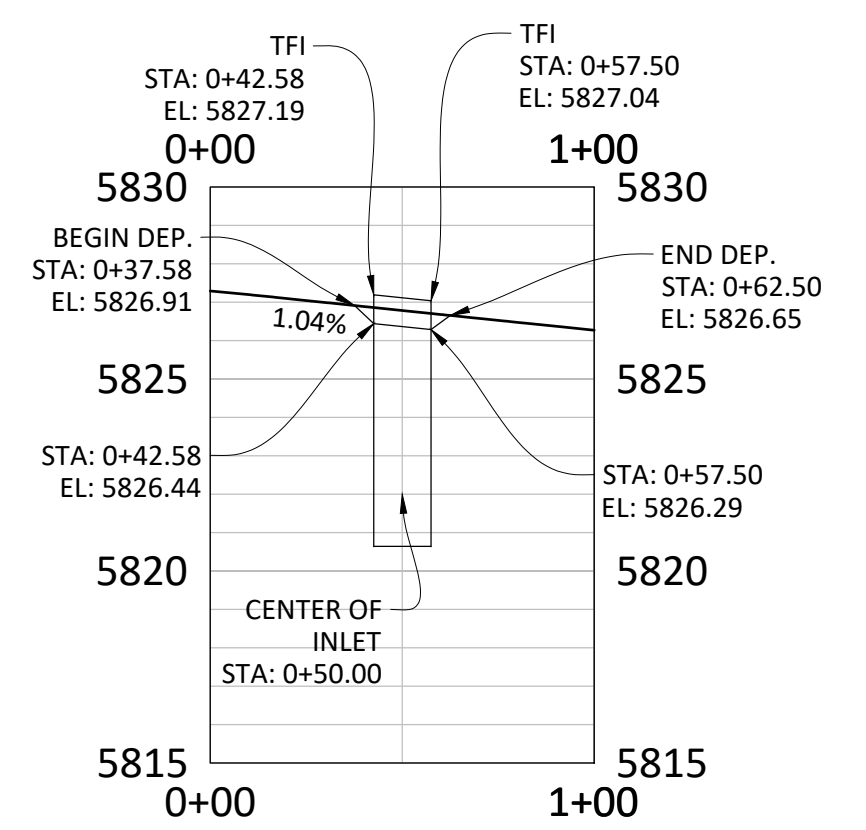
PROFILE: STORM 5F



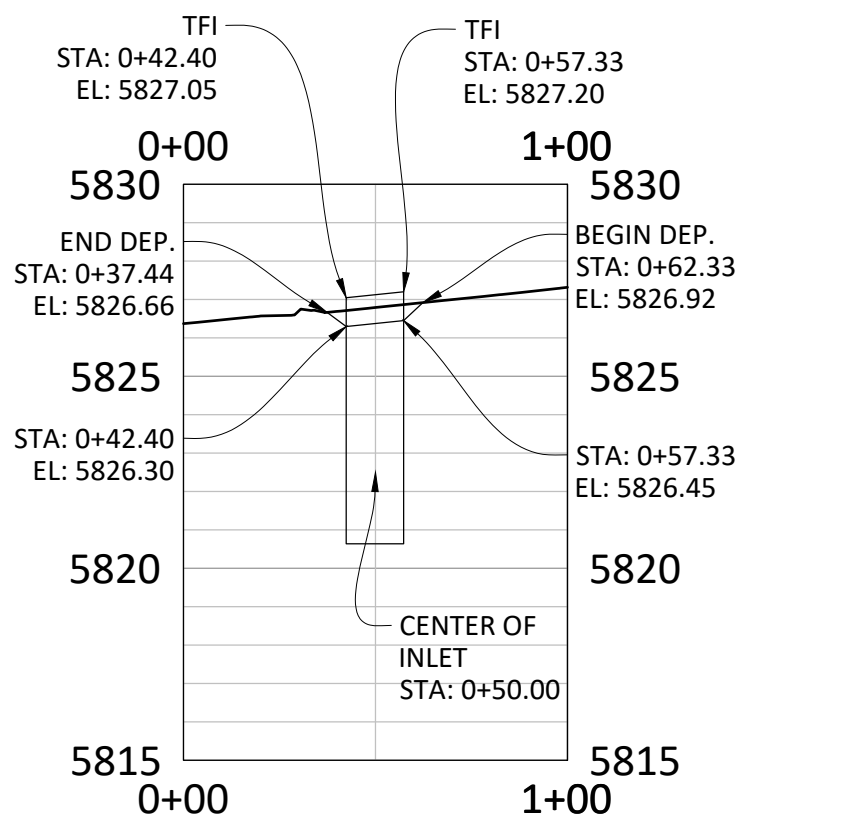
PROFILE: STORM 5



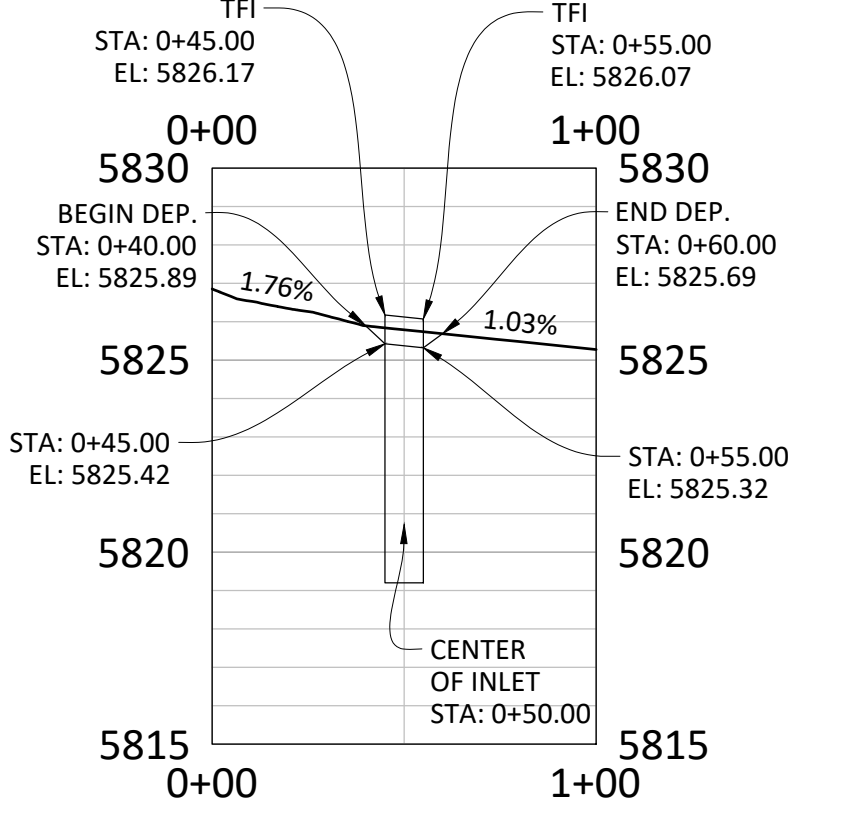
PROFILE: STORM 5D



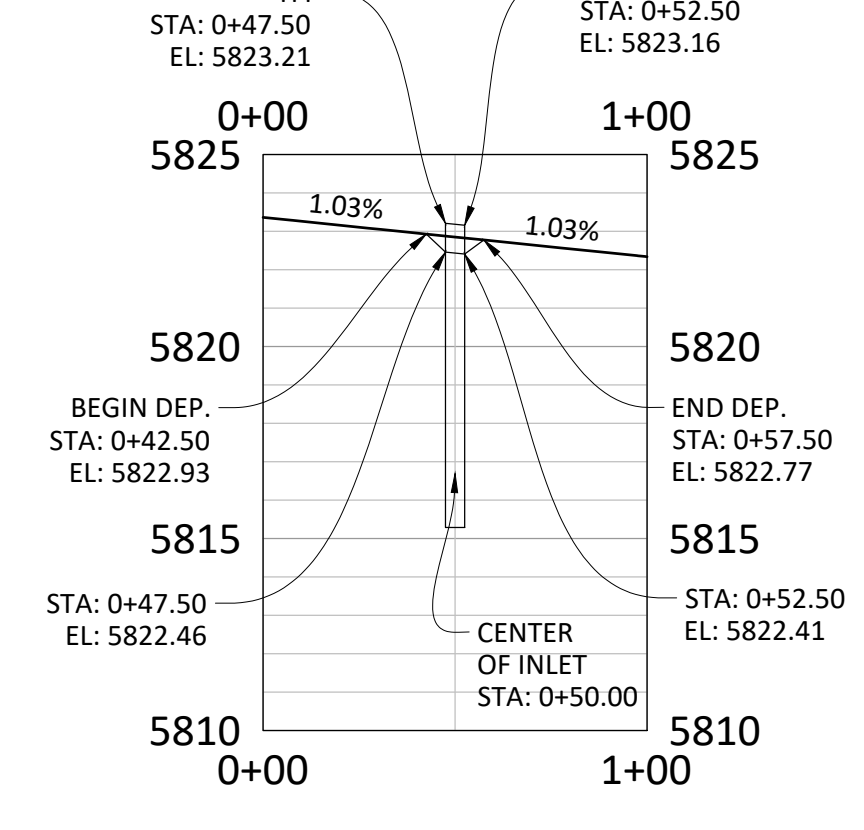
INLET 4-5A FLOWLINE TRANSITION



INLET 5-5A FLOWLINE TRANSITION



INLET 4-5B FLOWLINE TRANSITION



INLET 4-5C FLOWLINE TRANSITION

STORM SEWER NOTES:

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SPECIAL STORM SEWER NOTES:

- THE CONES OF STMH 2-5A, STMH 2-5B, AND STMH 2-5C SHALL BE ROTATED SO THAT THE LID IS OFF THE CROWN OF THE ROAD TO THE SOUTH.
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TOWN OF PARKER, DIRECTOR OF ENGINEERING/PUBLIC WORKS DATE

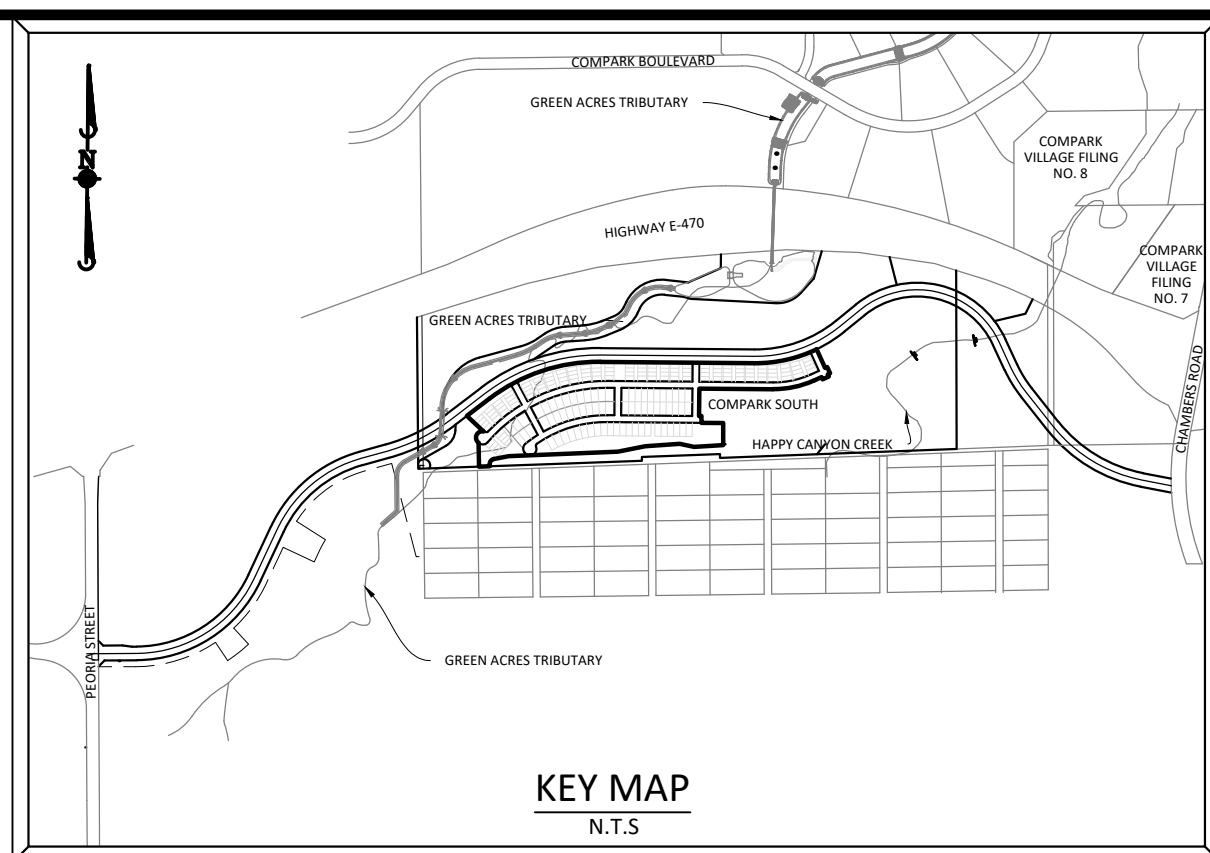
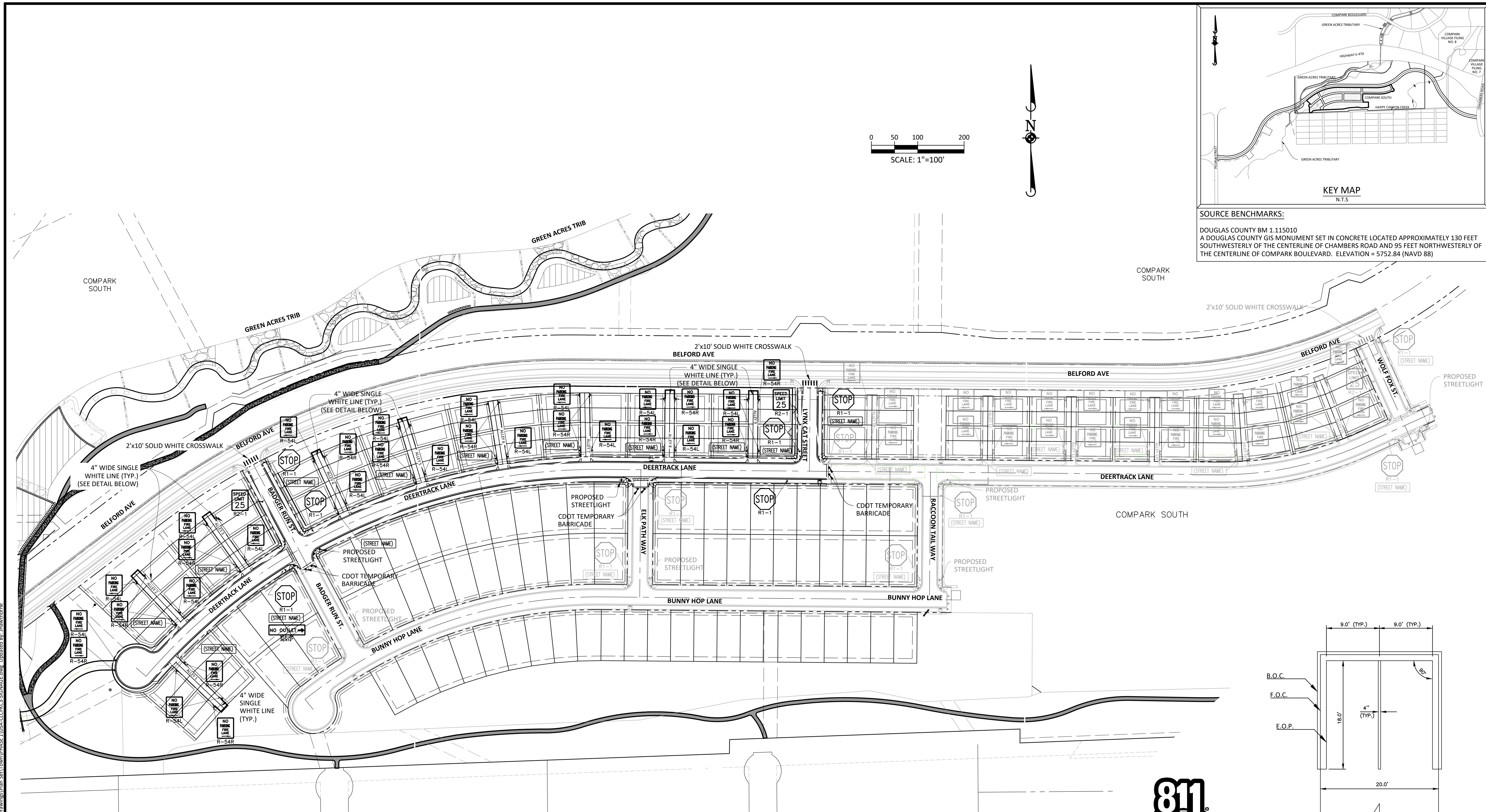
DATE	REVISIONS
08/20/20	SUBMITTAL FOR REAPPROVAL
05/20/20	SUBMITTAL FOR REAPPROVAL
07/20/19	SUBMITTAL FOR REAPPROVAL
09/20/17	ALLEY PARKING PER TOWN OF PARKER
12/20/16	THIRD SUBMITTAL
11/20/16	SECOND SUBMITTAL

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COMPARK VILLAGE SOUTH FILING NO. 2
TOWN OF PARKER, COLORADO
DEERTRACK LANE STORM PLAN & PROFILE

RESUBMIT FOR APPROVAL - NOT FOR CONSTRUCTION

Plotfile: 8/14/2020 11:27 AM Dwg Name: P:\CLCPK3\3\Compark3\Compark3-Residential_CDS.dwg (Final Drawings)\Plan_Sewer\Drawings\Plan_Sewer\CLCPK3-STORM_PP-1.dwg Updated By: Jhawhorne



SOURCE BENCHMARKS:
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11/20/16	SECOND SUBMITTAL

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SIGNAGE AND STRIPING NOTES:

- All traffic control devices shall conform to the most recent version of the federal Manual on Uniform Traffic Control Devices (MUTCD), Colorado Supplemental MUTCD, and the Town of Parker Roadway Design and Construction Criteria Manual. Further specifications and illustrations are located in the Colorado Department of Transportation (CDOT) M and S Standards.
- A field inspection of location and installation of all signs and markings shall be performed by the Town of Parker.
- The contractor installing signs shall be responsible for the locating and protecting of all underground utilities.
- Type III (lighted) barricades shall be set at the ends of roadways separating finished (and/or accepted) and unfinished construction areas and shall be maintained by the contractor/developer. A "Road Closed Ahead" and "To Be Extended" warning signs shall be installed appropriately in advance of the Type III barricades.
- Special care shall be taken in sign locations to ensure an unobstructed view of each sign.
- Where stop sign control is appropriate, 36 inch stop signs shall be used for approaches to any roadway that is classified as a collector or greater.

SIGNAGE AND STRIPING NOTES (CONT):

- A 7 foot minimum post length shall be maintained from the bottom of the sign panel to the ground. This requirement for vertical clearance is for all signs.
- Delineation of roadways shall be as specified in the Colorado Department of Transportation M and S Standards.
- Raised median island noses shall have R4-7 signs at each end and a 4"x12" high intensity yellow sign blank located midway between the R4-7 sign and finished grade on each post.
- Signage and striping has been determined by information available at the time of review. Prior to the initiation of any warranty period, the Town of Parker reserves the right to require modifications to existing, or installation of, additional signage and/or pavement marking if it is determined that conditions warrant such modification according to the MUTCD or the CDOT M and S Standards. All signage and striping shall fall under the requirements of the two-year warranty period for new construction. Additionally, all pavement markings shall not lift or peel during the first year after installation.
- Diamond grade material shall be used on all stop signs and overhead signs. All other roadside traffic control devices shall use high intensity grade sheeting. No fluorescent yellow green sheeting shall be used unless specifically approved by the Town of Parker.

SIGNAGE AND STRIPING NOTES (CONT):

- All street name signs shall be high intensity, extruded, green and white blades. Arterial and collector street name signs shall be 9 inch blades and have mixed case lettering. Local street name signs shall be 6 inches blades with mixed case lettering.
- All layouts for internally illuminated street name signs shall be submitted to the Town for review and approval prior to fabrication.
- All removed signs shall be returned to the Town of Parker.
- Crosswalks: Shall be constructed using preformed thermo-plastic or an approved equal.
 Shall be Longitudinal 2 feet by 10 feet (Continental) type or other approved by the Town of Parker.
 Shall line up with handicap ramps.
 Shall be centered within lanes and placed on lane and curb lines so as to avoid vehicle wheel paths.

SIGNAGE AND STRIPING NOTES (CONT):

- All pavement marking material (including words and symbols) shall be as follows:
 For Concrete Surface:
 Long line markings (channelization lines, skips, etc.) shall be epoxy paint. Other paint may be used for temporary application only when approved by the Town of Parker.
 Words, symbols, and crosswalks/stop bars shall be methyl-mythacralate, preformed thermoplastic (90 mil), preformed plastic (90 mil), inlayed tape (STAMARK), or as specified.
 (Sand or water blast curing compound prior to installation of markings.)
 For Asphalt Surface:
 Long line markings (channelization lines, skips, etc.) shall be epoxy paint. Other paint may be used for temporary application only when approved by the Town of Parker.
 Words, symbols, and crosswalks/stop bars shall be hot applied thermoplastic (90 mil), preformed plastic (90 mil), inlayed tape (STAMARK), Methyl-Mythacralate, or as specified.
- Inspection and approval of striping and crosswalk layout to be done by Town of Parker Development Review Engineer (call 303-840-9546) prior to application of final striping.



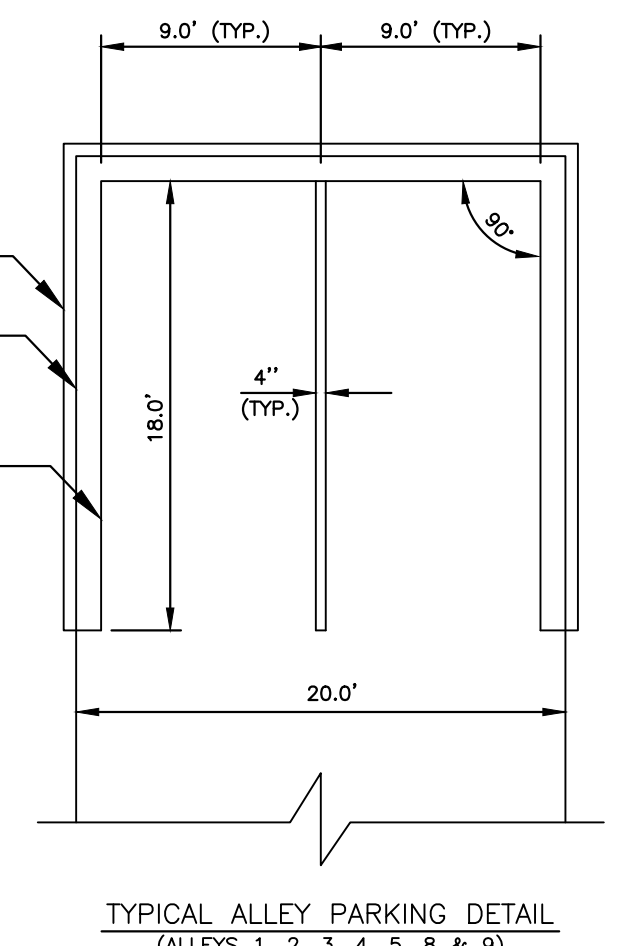
Know what's below.
Call before you dig.

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TOWN OF PARKER, DIRECTOR OF ENGINEERING/PUBLIC WORKS DATE

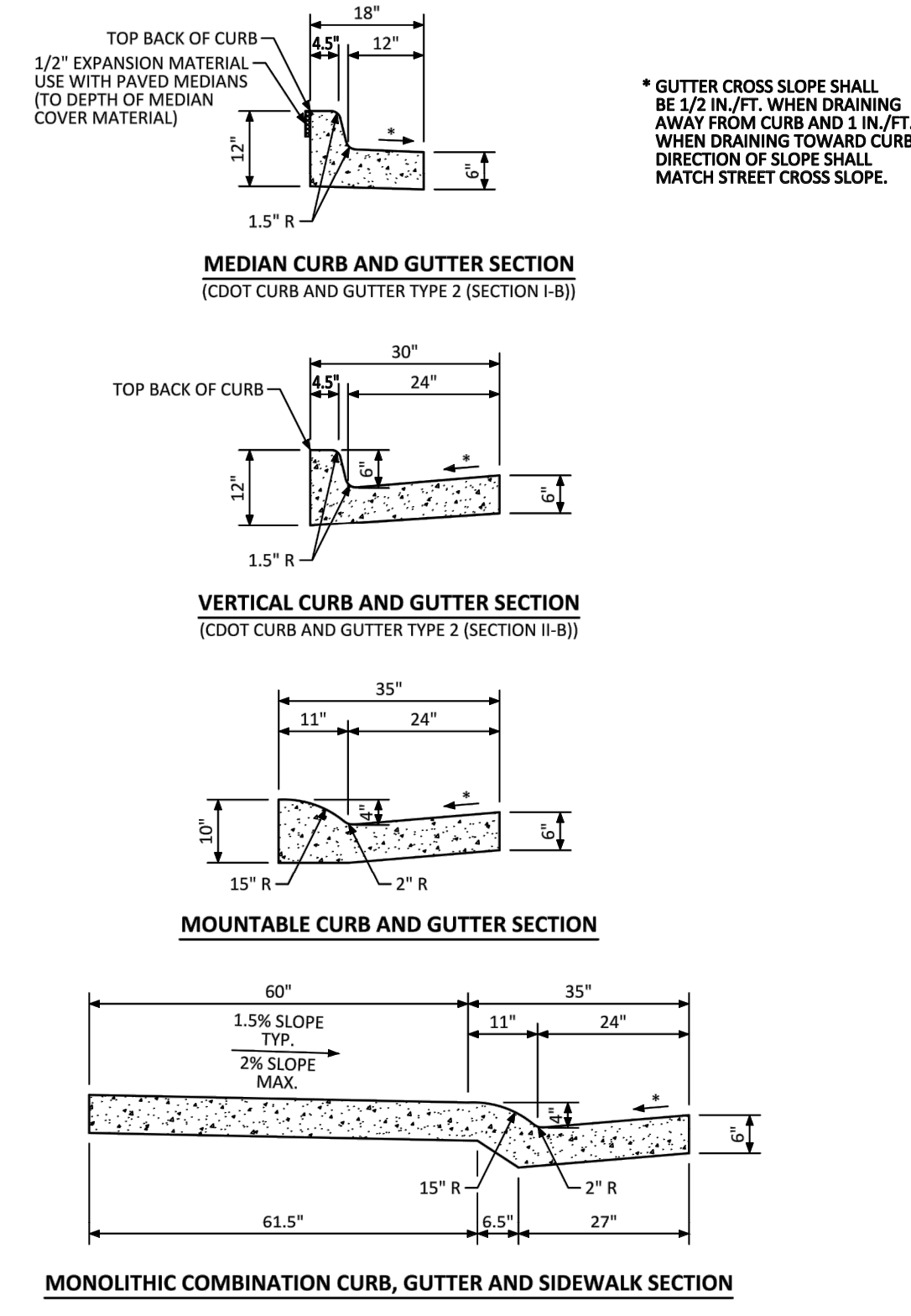


COMPARK VILLAGE SOUTH FILING NO. 2
 TOWN OF PARKER, COLORADO
 SIGNAGE, STRIPING AND STREET LIGHT PLAN

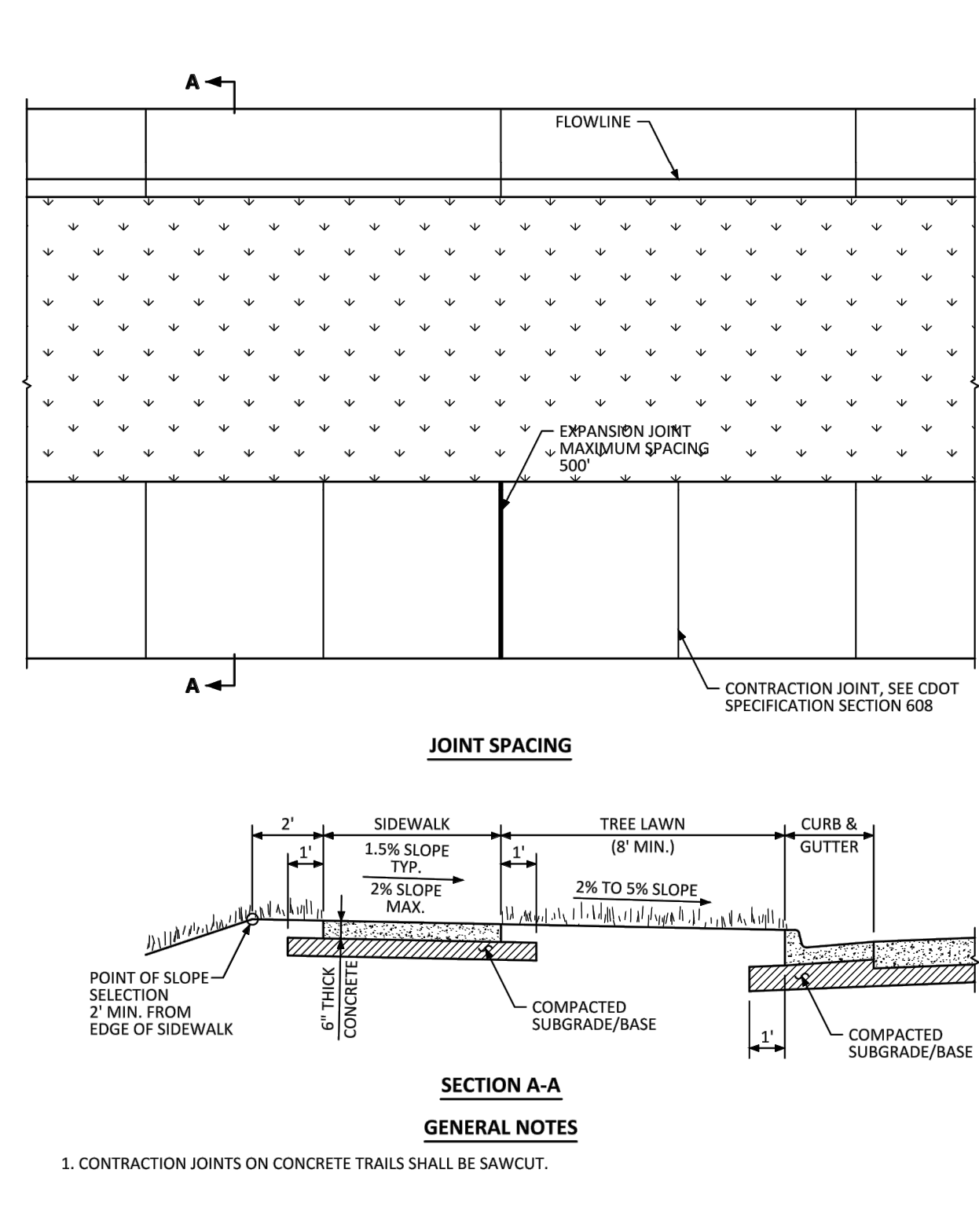
PROJ. MGR.:	RJM
PROJ. ASSOC.:	RAK
DRAWN BY:	RAK
DATE:	09/20/16
SHEET	37 OF 43
	CLCPK3

RESUBMIT FOR APPROVAL - NOT FOR CONSTRUCTION

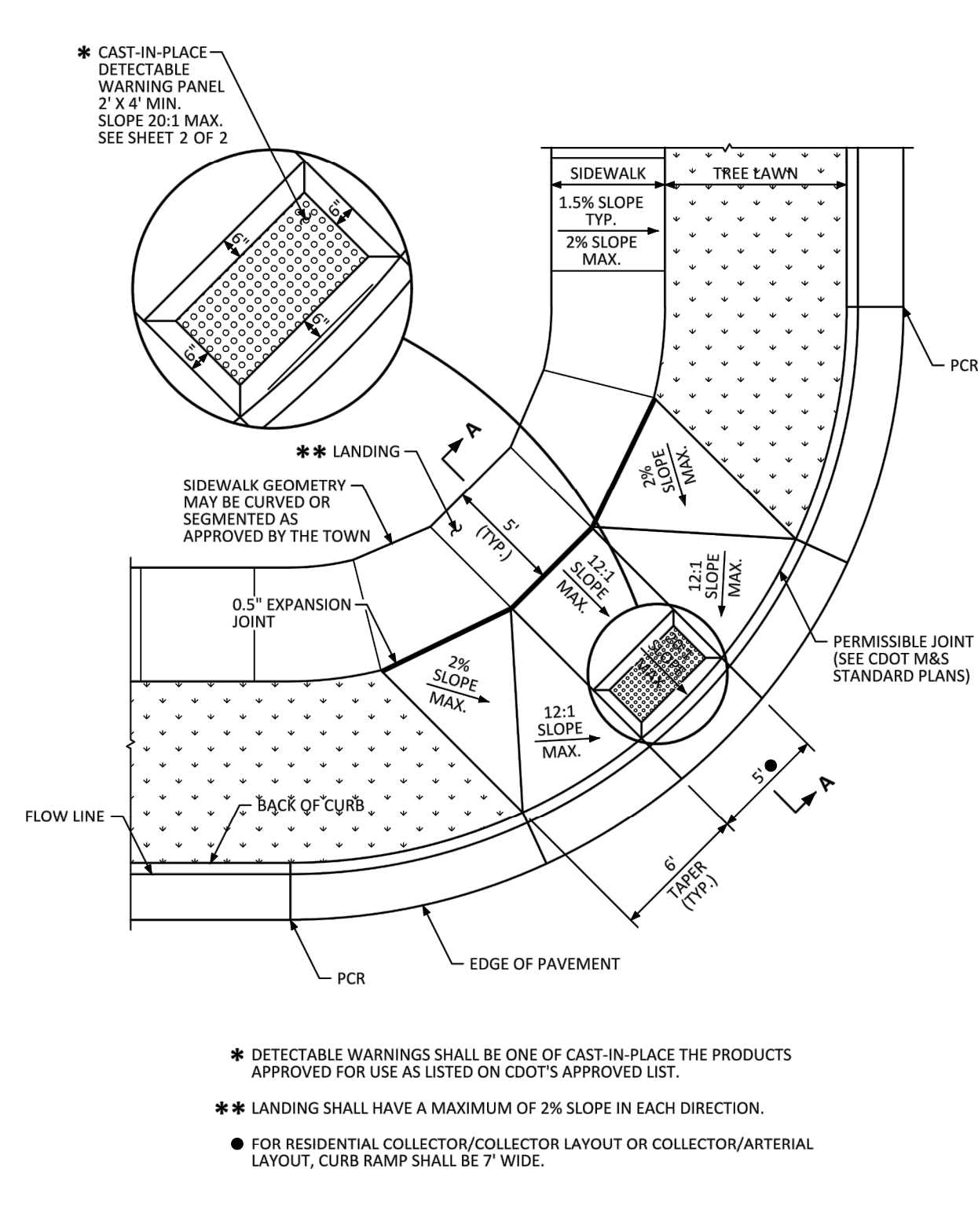
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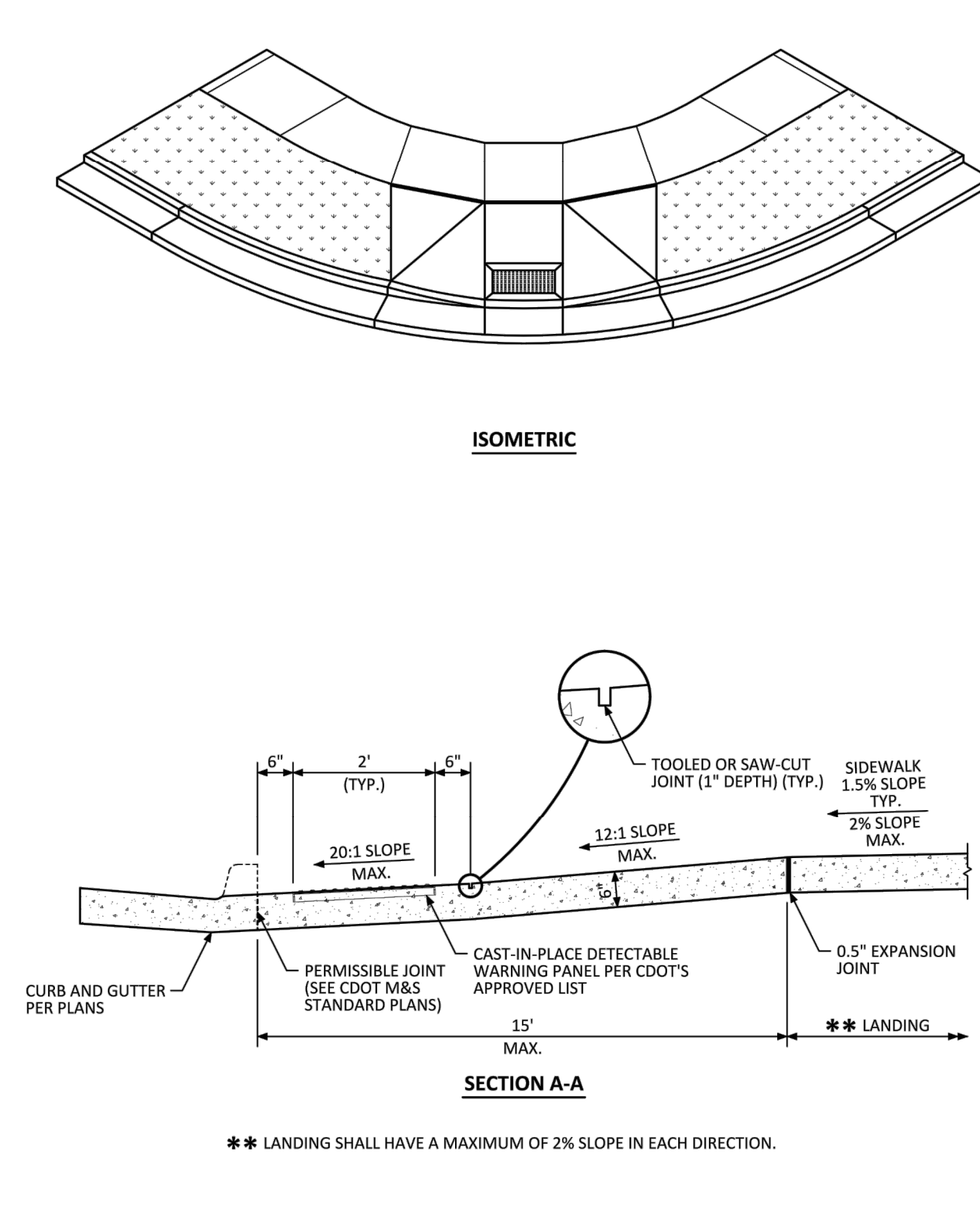
PARKER COLORADO CURB, GUTTER, AND SIDEWALK SECTIONS STANDARD DETAIL DATE DECEMBER 2016 DETAIL 3 1 OF 1



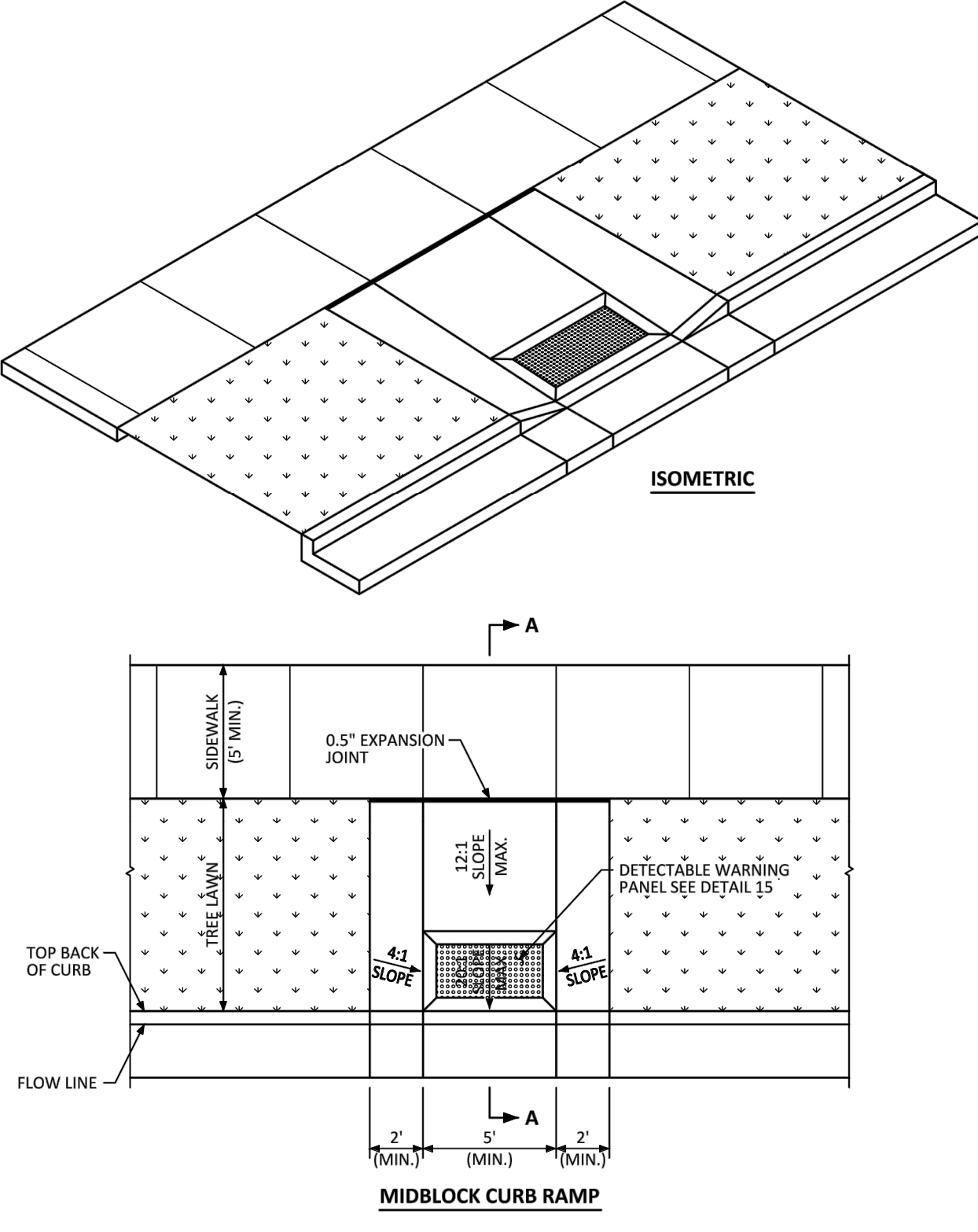
PARKER COLORADO DETACHED SIDEWALK STANDARD DETAIL DATE DECEMBER 2016 DETAIL 4 1 OF 2



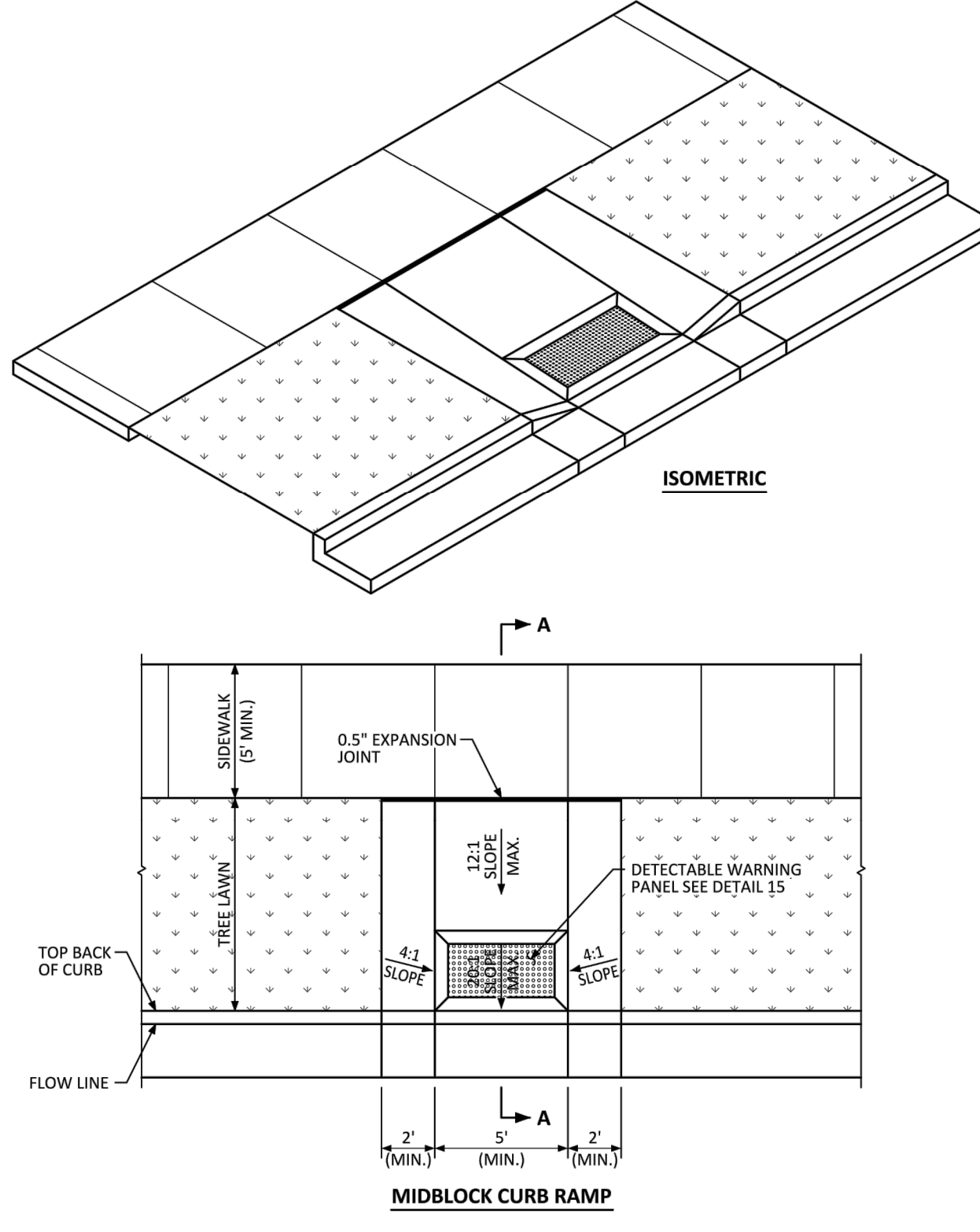
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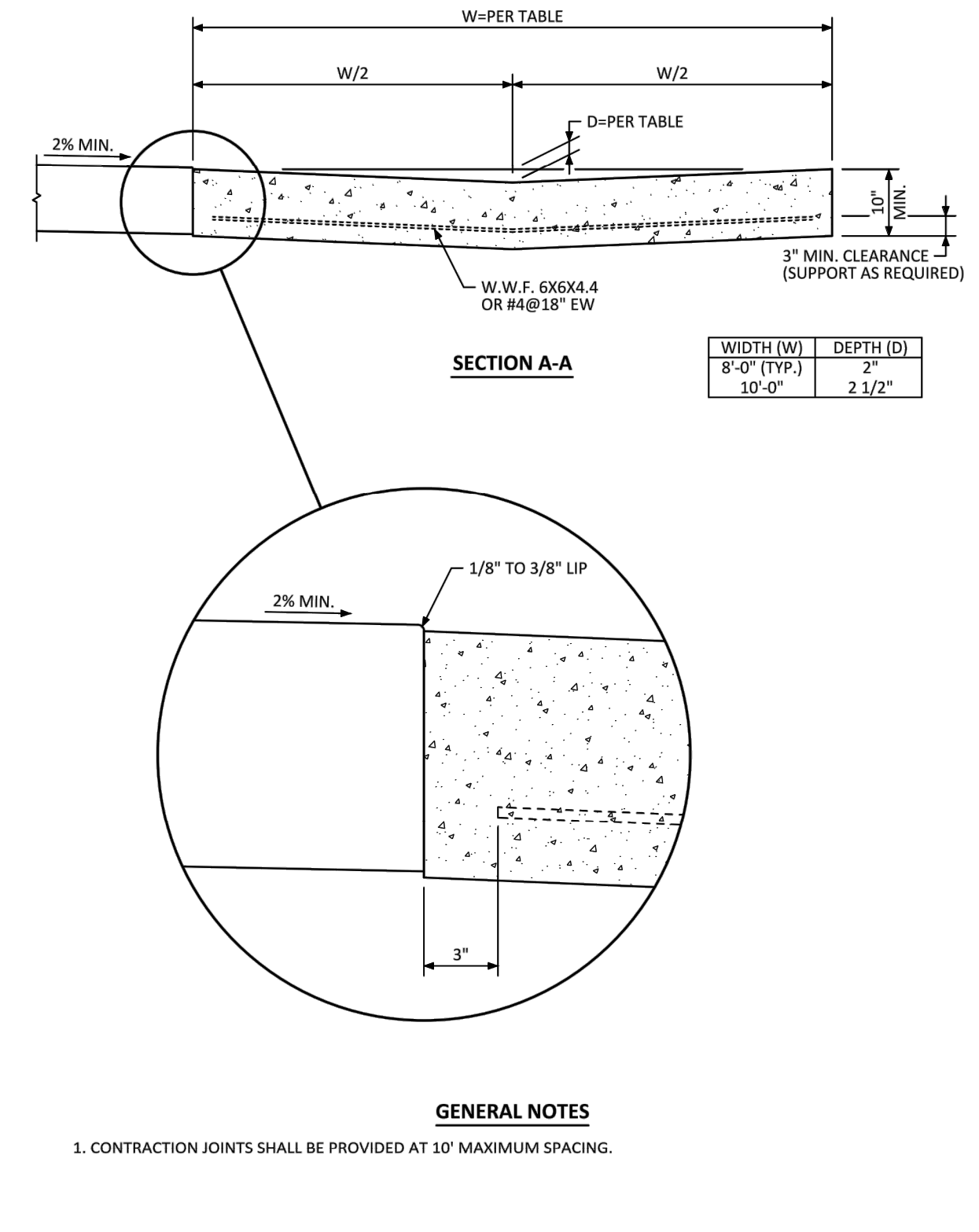
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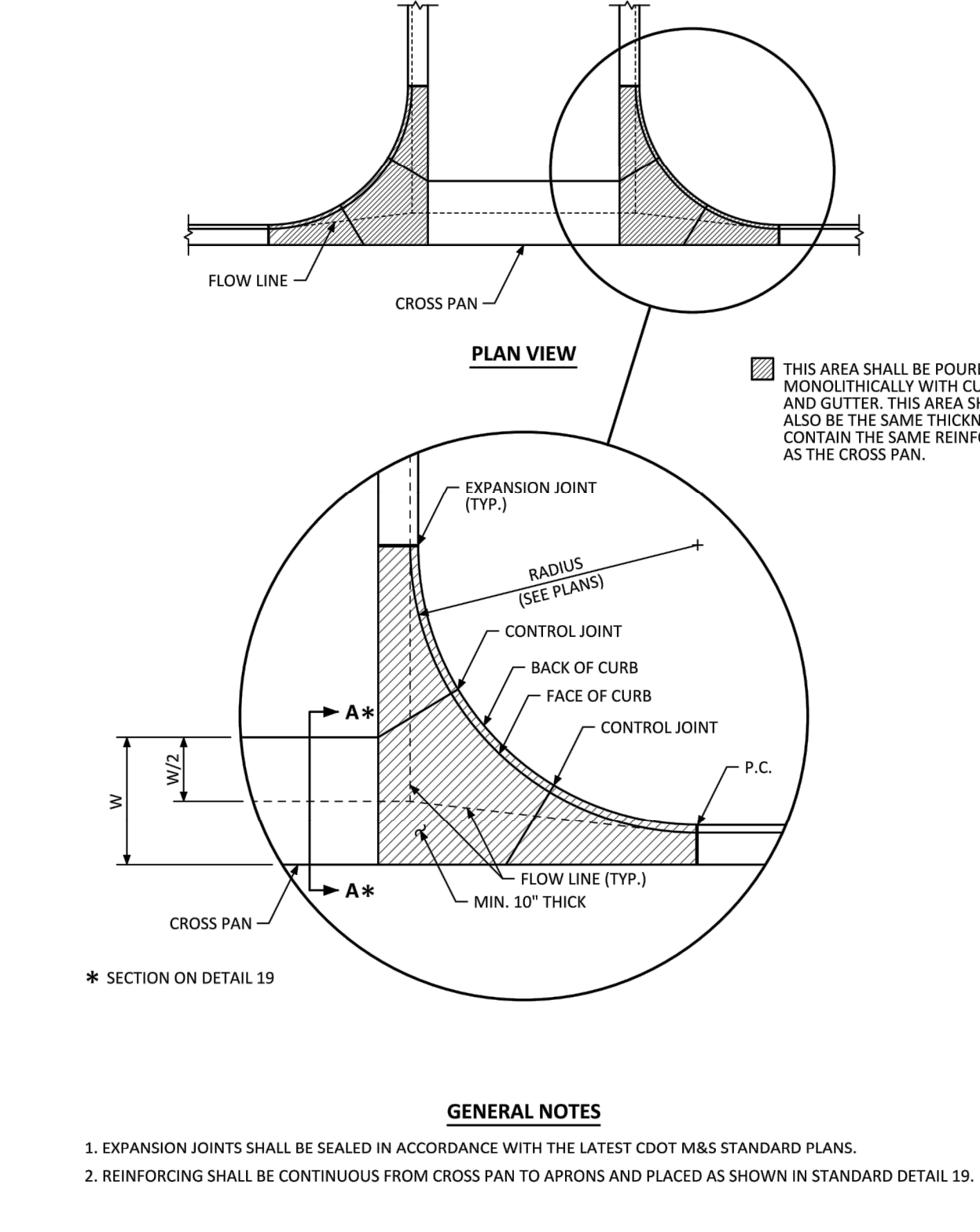
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PARKER COLORADO MIDBLOCK CURB RAMP LAYOUT STANDARD DETAIL DATE DECEMBER 2016 DETAIL 17 1 OF 2



PARKER COLORADO INTERSECTION CROSS PAN LAYOUT STANDARD DETAIL DATE DECEMBER 2016 DETAIL 19 1 OF 2



PARKER COLORADO INTERSECTION CROSS PAN LAYOUT STANDARD DETAIL DATE DECEMBER 2016 DETAIL 19 2 OF 2

Plotted: 8/14/2020 11:29 AM. Dwg Name: P:\Cpck3\ComSouth\Drawings\Plan Set\Town\Phase 1\USA-CLCPK3-Street Details.dwg. Updated By: jhawthorne

DATE	REVISIONS
G 08/20/20	SUBMITTAL FOR REAPPROVAL
F 05/20/20	SUBMITTAL FOR REAPPROVAL
E 03/20/20	SUBMITTAL FOR REAPPROVAL
D 05/20/17	ALLEY PARKING PER TOWN OF PARKER
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A 11/2016	SECOND SUBMITTAL

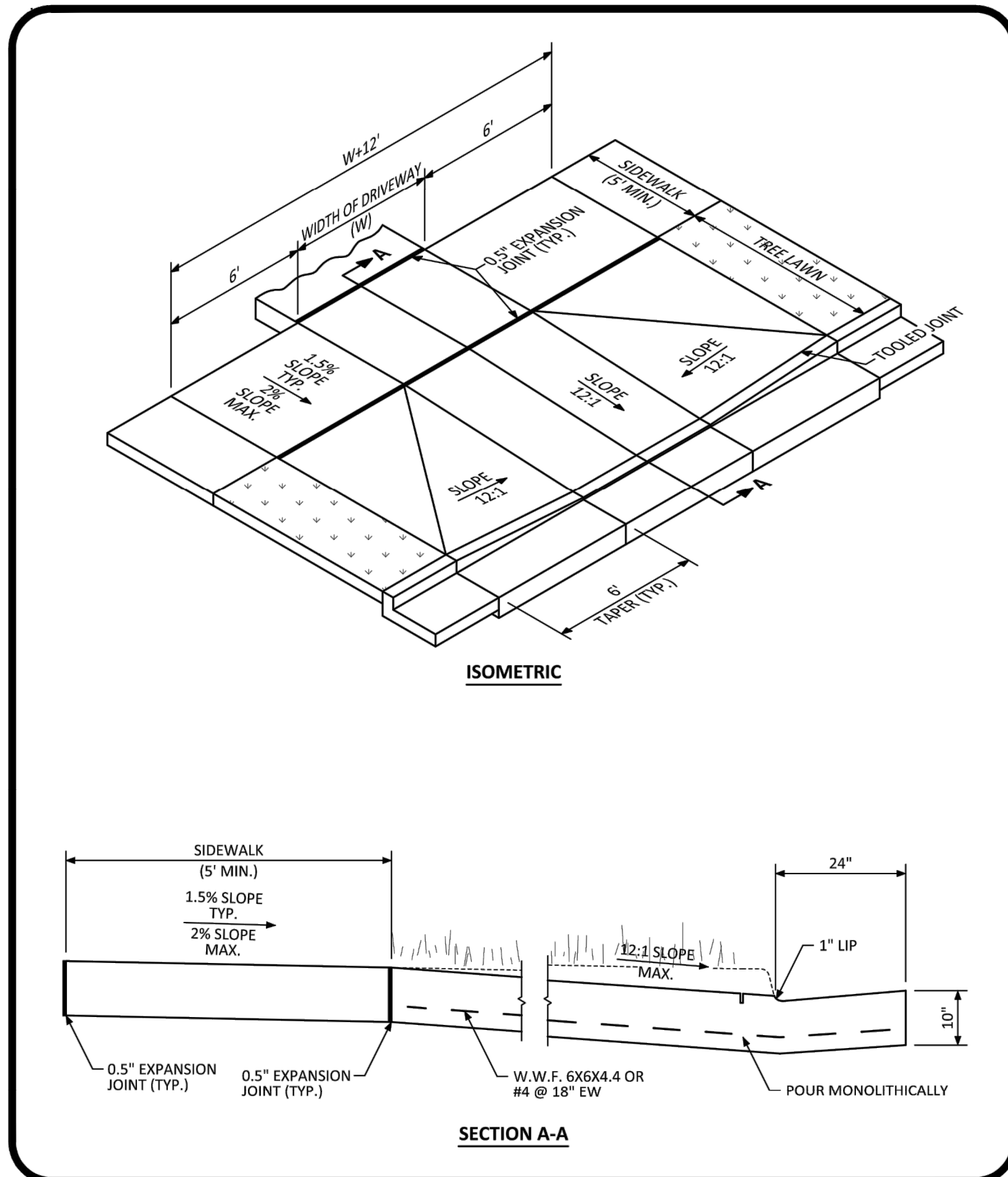
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 Civil Engineering | Surveying & Geospatial Services | GIS | Construction Management | Water Resource Management

COMPARK VILLAGE SOUTH FILING NO. 2
 TOWN OF PARKER, COLORADO
 STREET DETAILS

PROJ. MGR.: RJM
 PROJ. ASSOC.: RAK
 DRAWN BY: RAK
 DATE: 09/2016

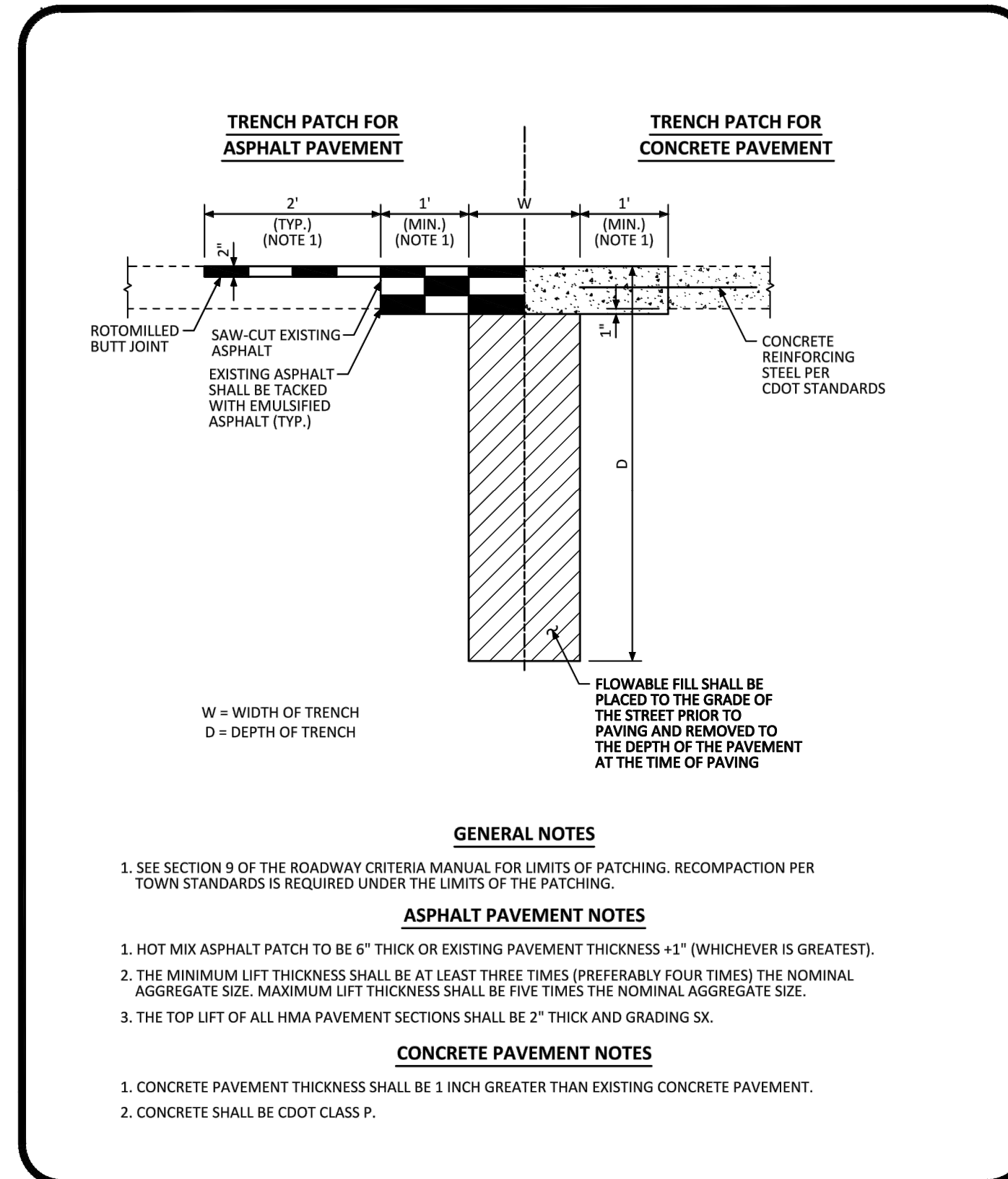
SHEET
38 OF 43
 CLCPK3

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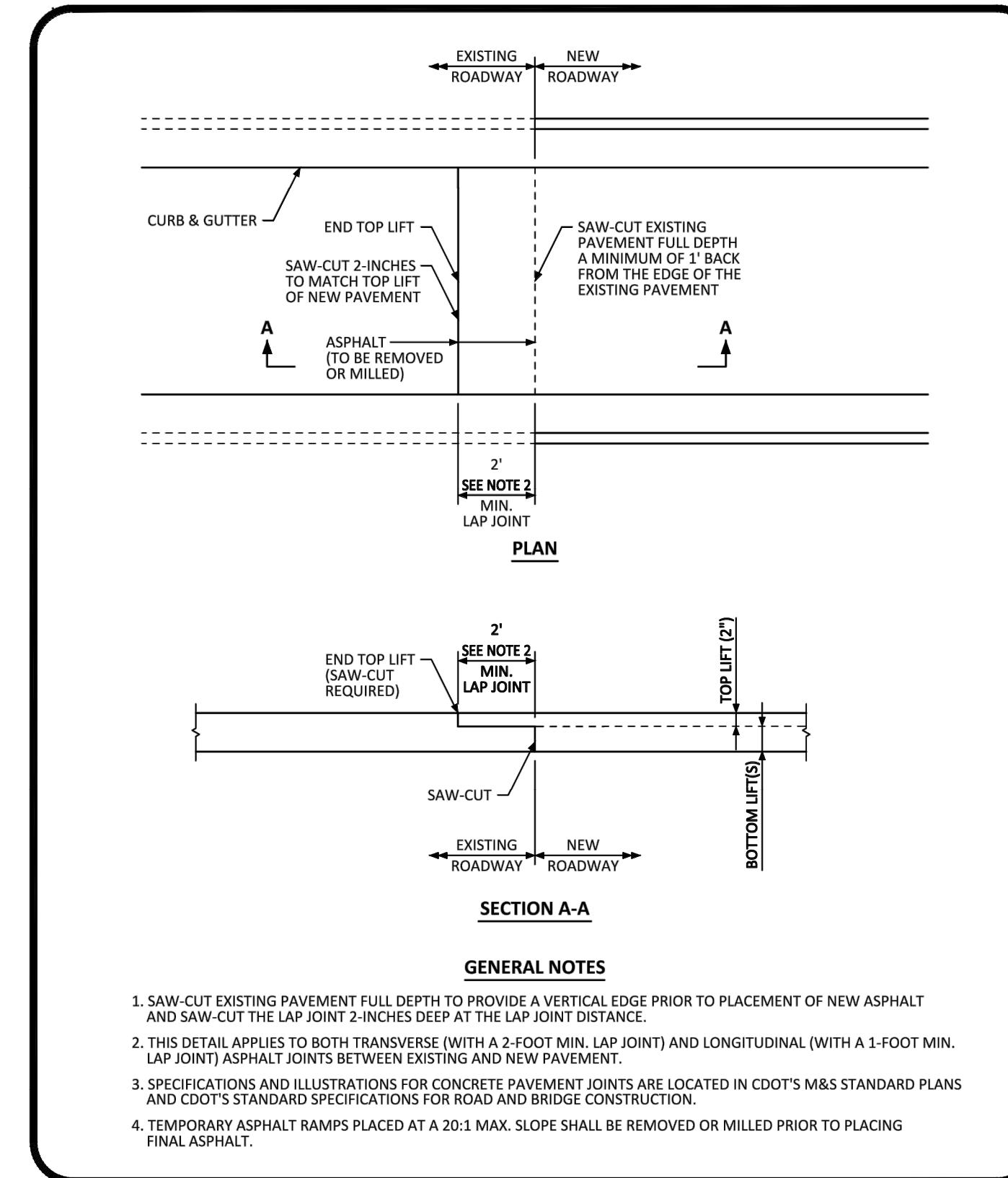
NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

PARKER COLORADO COMMERCIAL DRIVEWAY WITH DETACHED SIDEWALK STANDARD DETAIL DATE DECEMBER 2016 **20** 2 OF 2



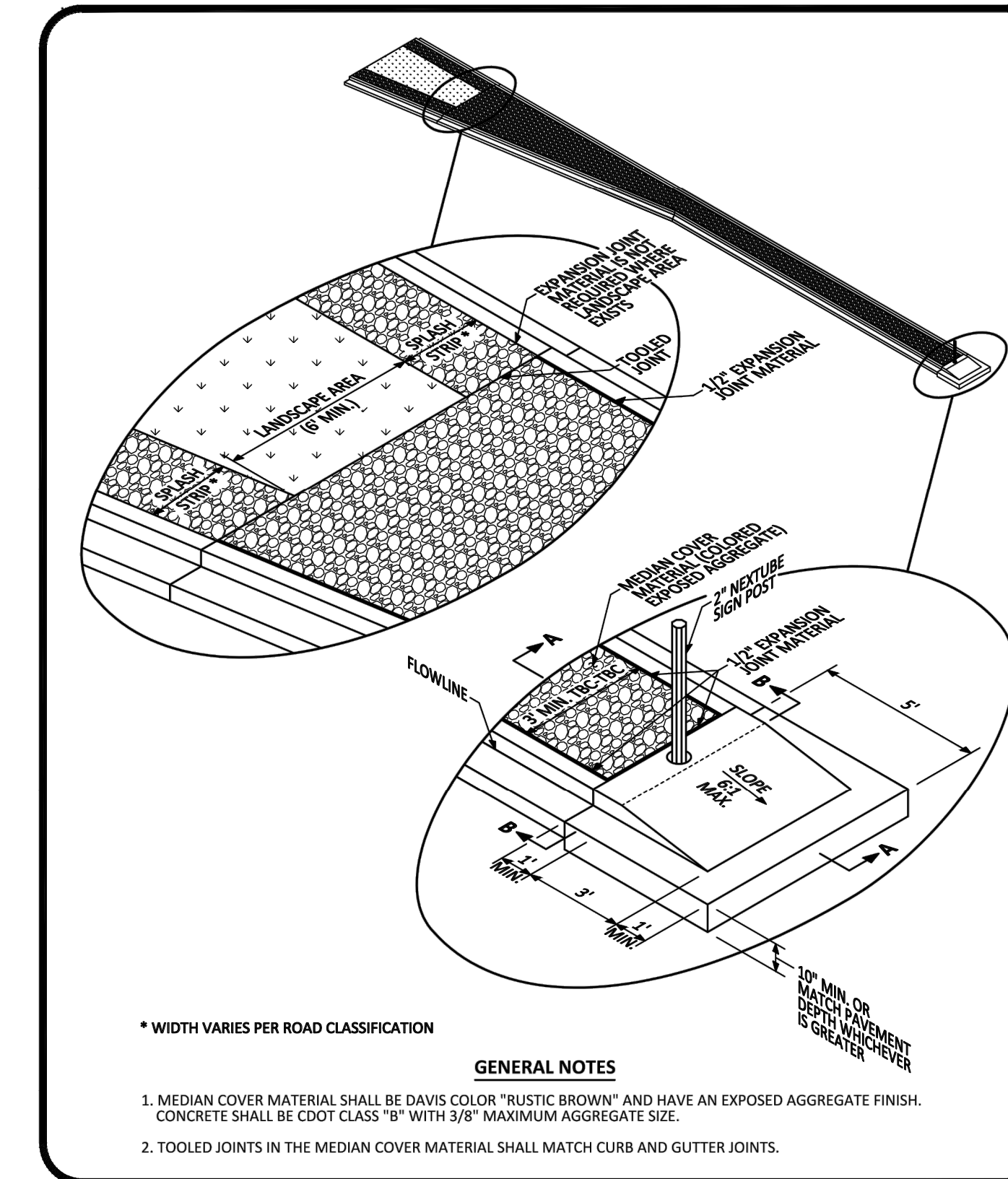
NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

PARKER COLORADO MINIMUM STREET PATCH DETERMINATION STANDARD DETAIL DATE DECEMBER 2016 **25** 1 OF 1



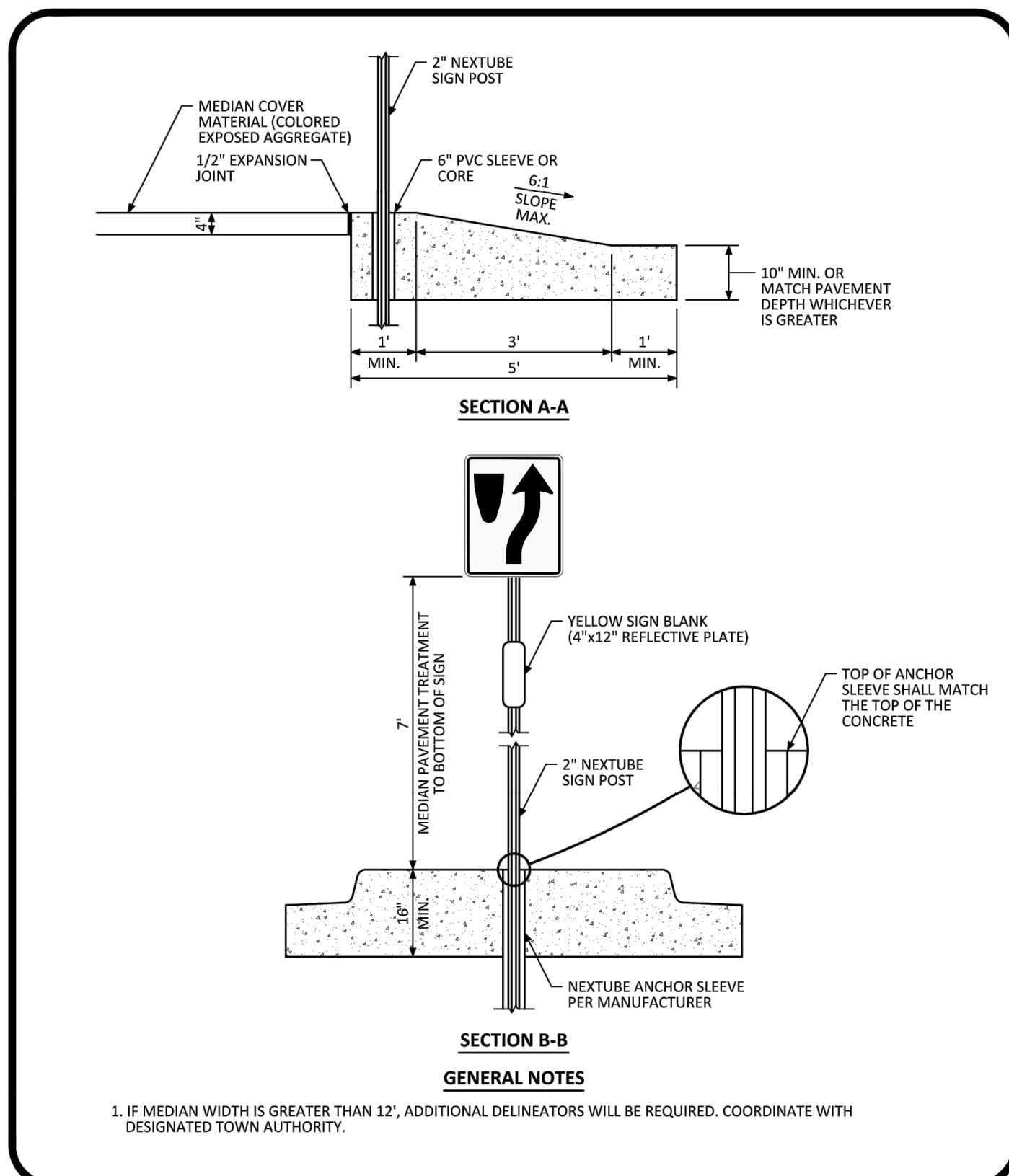
NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

PARKER COLORADO ASPHALT CONNECTION BETWEEN EXISTING AND NEW PAVEMENT STANDARD DETAIL DATE DECEMBER 2016 **26** 1 OF 1



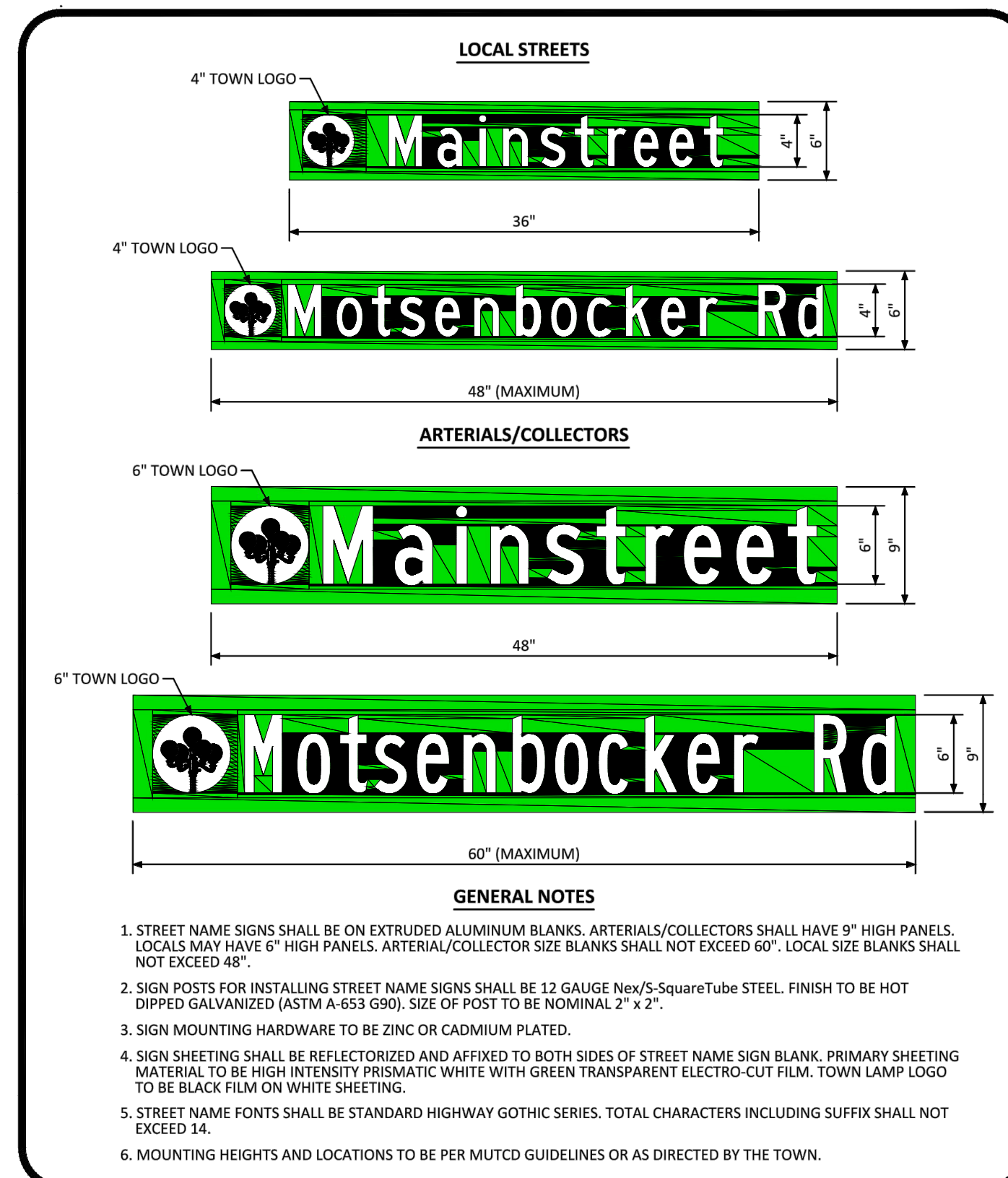
NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

PARKER COLORADO MEDIAN BULL NOSE ISOMETRIC STANDARD DETAIL DATE DECEMBER 2016 **27** 1 OF 2



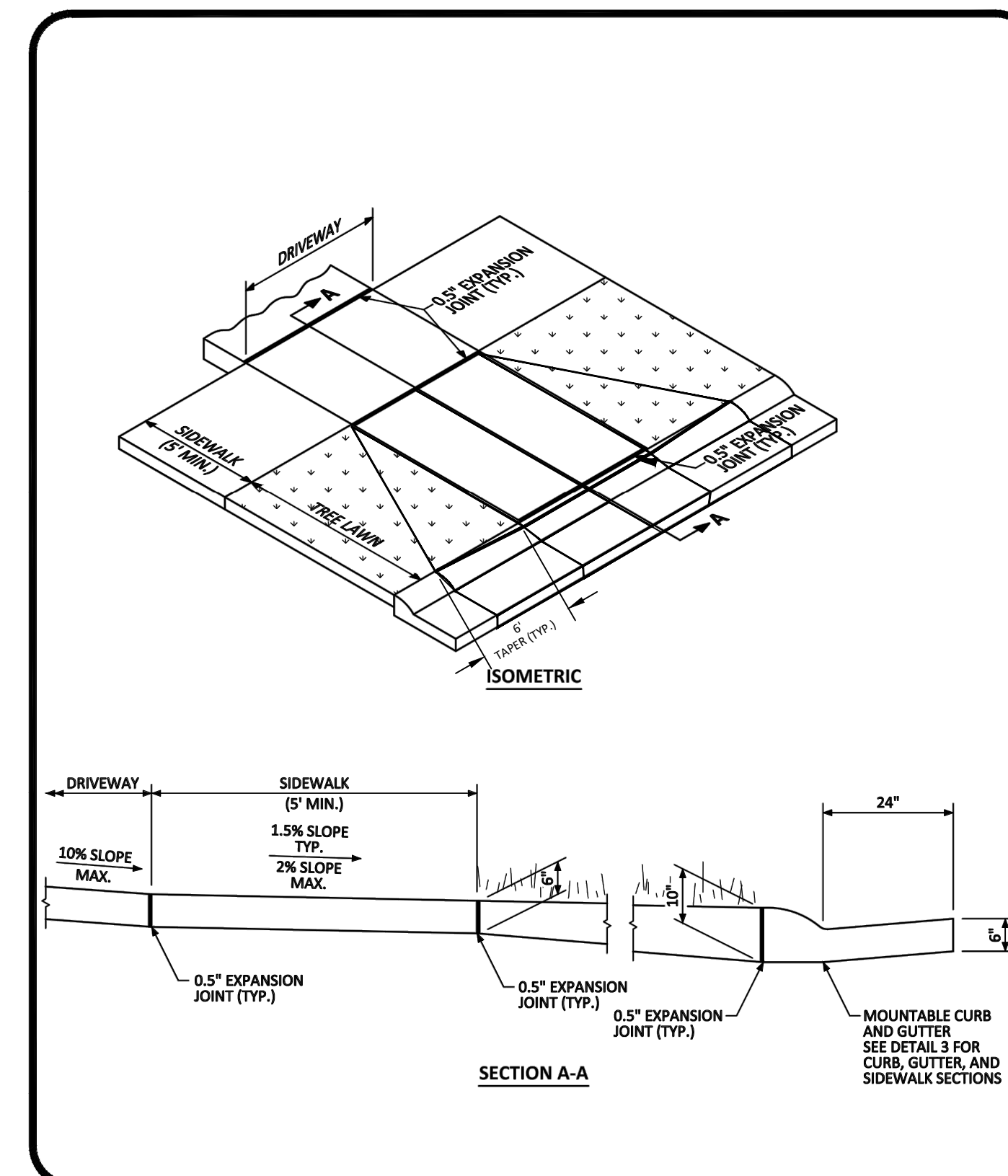
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PARKER COLORADO MEDIAN BULL NOSE TYPICAL SECTIONS STANDARD DETAIL DATE DECEMBER 2016 **27** 2 OF 2



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PARKER COLORADO GROUND MOUNTED STREET NAME PANELS DATE DECEMBER 2016 **32** 1 OF 1



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PARKER COLORADO RESIDENTIAL DRIVEWAY WITH 4" MOUNTABLE CURB LAYOUT STANDARD DETAIL DATE DECEMBER 2016 **21** 1 OF 1

DATE	REVISIONS
08/20/20	SUBMITTAL FOR REAPPROVAL
05/20/20	SUBMITTAL FOR REAPPROVAL
03/20/20	SUBMITTAL FOR REAPPROVAL
02/20/20	ALLEY PARKING PER TOWN OF PARKER
01/20/20	THIRD SUBMITTAL
12/20/16	SECOND SUBMITTAL

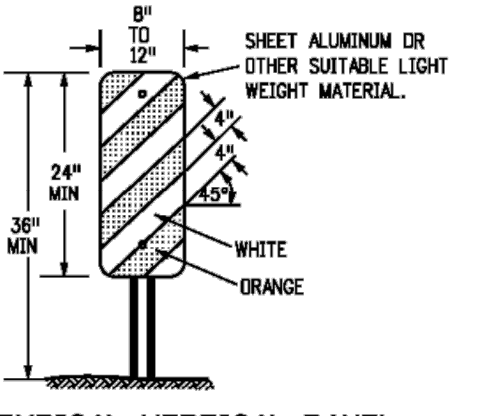
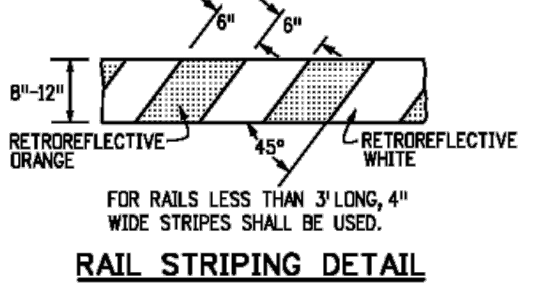
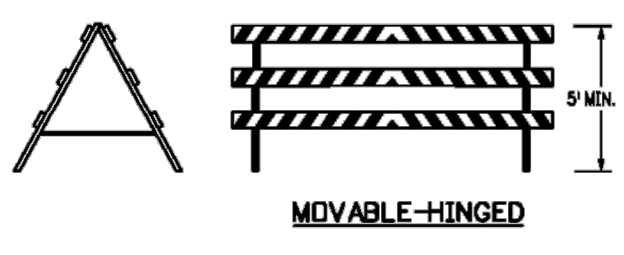
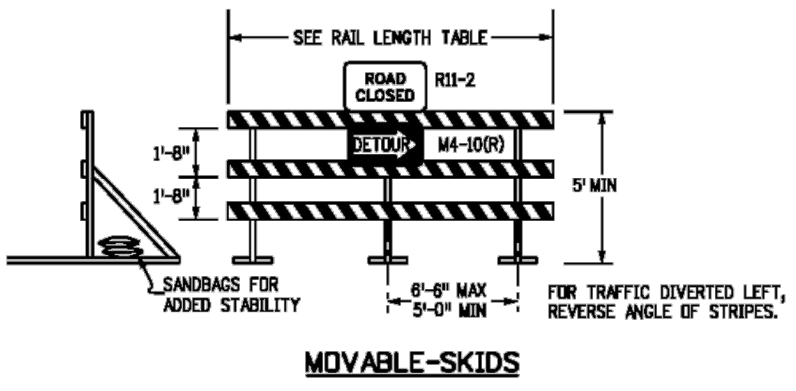
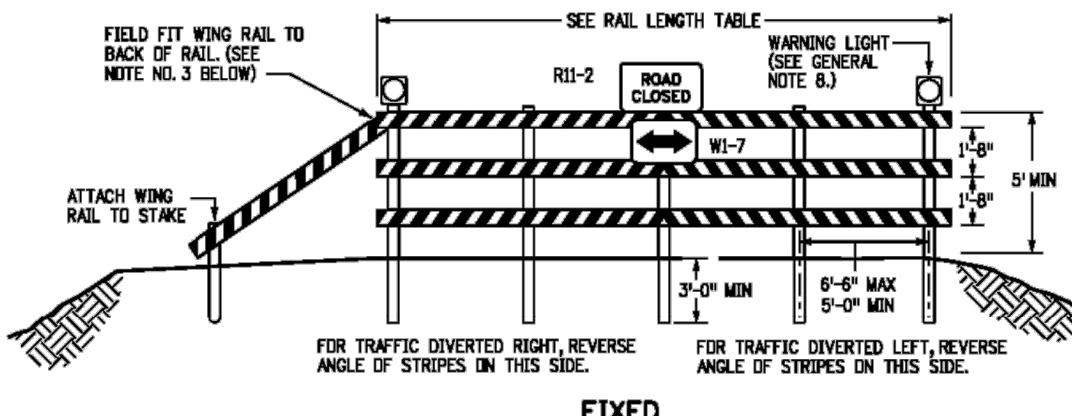
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COMPARK VILLAGE SOUTH FILING NO. 2
TOWN OF PARKER, COLORADO
STREET DETAILS

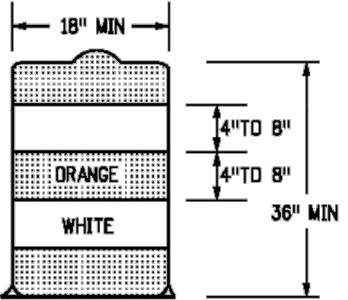
PROJ. MGR.: RJM
PROJ. ASSOC.: RAK
DRAWN BY: RAK
DATE: 09/2016

SHEET
39 OF **43**
CLCPK3

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TYPICAL VERTICAL PANEL
 1. IF SPECIAL PANELS 9' OR GREATER IN HEIGHT ARE REQUIRED, THEN 6" STRIPES SHALL BE USED.
 2. IF FIXED PLACEMENT IS REQUIRED, MOUNT ON DELINEATOR POST. SEE COLORADO STANDARD PLAN S-612-L.



TYPICAL DRUM
 1. THE 18" MINIMUM DIMENSION SHALL APPLY TO THE SMALLEST MEASUREMENT OF COILING, RECTANGULAR OR FLATTENED SIDE DRUMS.
 2. THERE SHALL BE AT LEAST TWO ORANGE AND TWO WHITE HORIZONTAL, CIRCUMFERENTIAL, RETROREFLECTIVE STRIPES ON EACH DRUM.

GENERAL NOTES

- THE VARIOUS TYPES, COMBINATIONS AND APPLICATIONS OF SIGNS AND WARNING LIGHTS FOR BARRICADES REQUIRED FOR EACH PROJECT SHALL BE:
 - AS SPECIFIED OR DETAILED IN THE PLANS.
 - AS SHOWN IN APPLICABLE TYPICAL ILLUSTRATIONS.
 - AS CALLED FOR AND SUBJECT TO APPROVAL BY THE ENGINEER.
- TEMPORARY AND PERMANENT TYPE 3 BARRICADES SHALL BE FABRICATED FROM APPROVED CRASH TESTED MATERIALS. SEE SECTION 614 AND 650 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR ADDITIONAL REQUIREMENTS.
- ALL PAINTING SHALL CONFORM WITH THE FOLLOWING:
 - THE APPLICABLE SECTION OF 508 OF THE STANDARD SPECIFICATIONS.
 - ALL SKIDS, BRACES AND POSTS SHALL BE PAINTED WITH 2 COATS OF EXTERIOR WHITE PAINT.
 - THE THICKNESS OF PAINTS AND VERTICAL PANEL CHANNELIZING DEVICES FACING THE DIRECTION OF TRAFFIC ONLY SHALL BE PAINTED WITH EXTERIOR WHITE PAINT.
 - ALUMINUM OR GALVANIZED STEEL SKIDS, BRACES AND POSTS SHALL NOT BE PAINTED.
- ALL STRIPED SURFACES SHALL CONFORM WITH THE FOLLOWING:
 - THE ENTIRE AREA OF ORANGE AND WHITE STRIPES SHALL BE FABRICATED AS ONE PIECE.
 - HORIZONTAL RAILS, WING RAILS AND VERTICAL PANEL CHANNELIZING DEVICES SHALL HAVE ORANGE AND WHITE STRIPES ON THE FACE SURFACES SLANTING DOWNWARD AT A 45° ANGLE TOWARD THE SIDES TO WHICH TRAFFIC IS TO PASS OR TURN.
 - PERMANENT BARRICADES SHALL HAVE RETROREFLECTIVE RED AND WHITE STRIPES. THEY MAY BE USED AT LOCATIONS TO MARK THE END OF A ROAD, STREET OR HIGHWAY THAT ENDS AT A "T" INTERSECTION, OR WHERE THERE IS NO CROSSROAD OR OUTLET.
 - ALL RETROREFLECTIVE STRIPING SHALL CONFORM TO ASTM D4856:
 - ORANGE AND WHITE SHALL BE TYPE IV MINIMUM.
 - RED AND WHITE SHALL BE TYPE IV MINIMUM.
- FOR ALL WOODEN BARRICADE COMPONENTS NOMINAL LUMBER DIMENSIONS ARE SATISFACTORY.
- ALL SCREWS, BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED OR CHROMIUM PLATED.
- STABILITY OF BARRICADES AND CHANNELIZING DEVICES SHALL CONFORM WITH THE FOLLOWING:
 - SKIDS (BRACES) OF MOVABLE BARRICADES SHALL BE WEIGHTED WITH SANDBAGS ONLY WHERE NECESSARY TO PROVIDE STABILITY.
 - NO MOVABLE OR PORTABLE DEVICE SHALL BE WEIGHTED BY ANY METHOD OR WITH ANY MATERIAL THAT WOULD MAKE THEM HAZARDOUS TO MOTORISTS.
- WARNING LIGHTS USED WITH BARRICADES, DRUMS AND VERTICAL PANELS SHALL CONFORM WITH THE FOLLOWING:
 - USE FLASHING WARNING LIGHTS WHEN DEVICES ARE USED SIMPLY, AND STEADY BURN LIGHTS WHEN THEY ARE USED IN A SERIES FOR CHANNELIZATION.
 - THEY SHALL BE POSITIONED ABOVE THE TOP RAIL OF BARRICADES OR ON TOP OF DRUMS AND VERTICAL PANELS.
- CONCRETE BARRIER (TEMPORARY) SHALL CONFORM WITH:
 - PRECAST CONCRETE BARRIER AS SHOWN IN COLORADO STANDARD PLAN M-606-14.
 - BARRIER REFLECTORS SHALL BE INSTALLED THAT MEET THE REQUIREMENTS OF STANDARD TYPICAL DELINEATOR INSTALLATIONS, EXCEPT THE MAXIMUM SPACING SHALL BE 50', AND THEY WILL NOT BE PAID FOR BUT ARE INCLUDED IN THE COST OF THE BARRIER.
 - CONCRETE BARRIER END TREATMENT SHALL BE IN ACCORDANCE WITH CLEAR ZONE CRITERIA AND PLACED AS SHOWN ON THE PLANS.
- SIGN PANELS MOUNTED ON BARRICADES WILL BE PAID FOR SEPARATELY.

TYPICAL TYPE 3 BARRICADES
 1. TYPE 3 BARRICADES HAVE 3 REFLECTORIZED RAIL FACES IF FACING TRAFFIC IN ONE DIRECTION AND 6 IF FACING TRAFFIC IN TWO DIRECTIONS.
 2. THE PORTION OF THE POST ABOVE THE GROUND LINE SHALL BE PAINTED IN ACCORDANCE WITH THE APPROPRIATE GENERAL NOTE.
 3. DETACHABLE EXTENSION WING RAILS FOR BYPASSING OF CONSTRUCTION EQUIPMENT ARE PERMITTED WHEN NECESSARY. ON FIXED OR MOVABLE TYPE 3 BARRICADES THE LENGTH SHALL BE ADEQUATE TO CLOSE THE BORROW PIT AND/OR SHOULDER AS REQUIRED.

RAIL LENGTH TABLE		
TYPE 3 BARRICADE		LENGTH
FIXED	MOVABLE	
F - A	M - A	8'-14"
F - B	M - B	15'-24"
F - C	M - C	25'-35"
F - D	M - D	> 35'

Computer File Information	
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Created By:	JSW
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Sheet Revisions	
Date:	Comments

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 2829 W. Howard Pl.
 Denver, CO 80204
 Phone: 303-757-9436
 FAX: 303-757-9219

Traffic & Safety Engineering MKB

**BARRICADES, DRUMS,
 CONCRETE BARRIERS
 (TEMP) & VERTICAL PANELS**

Issued By: Traffic & Safety Engineering Branch July 31, 2019

**STANDARD PLAN NO.
 S-630-2**

Standard Sheet No. 1 of 1

Project Sheet Number:

DATE	REVISIONS
G 08/2020	SUBMITTAL FOR REAPPROVAL
F 05/2020	SUBMITTAL FOR REAPPROVAL
E 03/2020	SUBMITTAL FOR REAPPROVAL
D 05/2017	ALLEY PARKING PER TOWN OF PARKER
C 07/2016	THIRD SUBMITTAL
B 11/2016	SECOND SUBMITTAL
A	

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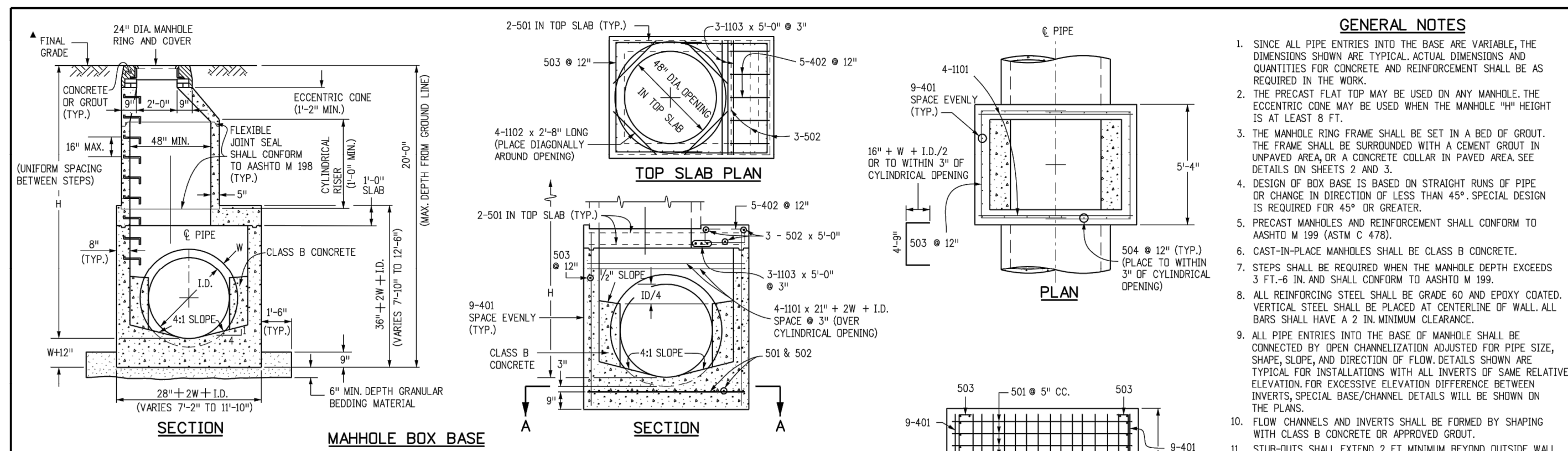
COMPARK VILLAGE SOUTH FILING NO. 2
 TOWN OF PARKER, COLORADO
 STREET DETAILS

PROJ. MGR.: RJM
 PROJ. ASSOC.: RAK
 DRAWN BY: RAK
 DATE: 09/2016

SHEET
40 OF **43**
 CLCPKC3

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GENERAL NOTES

1. SINCE ALL PIPE ENTRIES INTO THE BASE ARE VARIABLE, THE DIMENSIONS SHOWN ARE TYPICAL. ACTUAL DIMENSIONS AND QUANTITIES FOR CONCRETE AND REINFORCEMENT SHALL BE AS REQUIRED IN THE WORK.
2. THE PRECAST FLAT TOP MAY BE USED ON ANY MANHOLE. THE ECCENTRIC CONE MAY BE USED WHEN THE MANHOLE 1/2\"/>

MARK	SIZE	TYPE	WT. #/FT.	BAR	54"	60"	66"	72"	84"	96"	FORMULAS
401	4	I	0.668	NO. REOD. (LENGTH) * 18	18	18	18	18	18	18	401 BAR LENGTH = 32" + 2W + I.D.
402	4	III	0.668	NO. REOD. (LENGTH) * 18	18	18	18	18	18	18	402 BAR LENGTH = I.D. + 2W
501	5	I	1.043	NO. REOD. (LENGTH) * 22	22	22	22	22	22	22	501 BAR LENGTH = 24" + I.D. + 2W
502	5	I	1.043	NO. REOD. (LENGTH) * 22	22	22	22	22	22	22	502 NUMBER BARS REQ. = 3 + (24+I.D.+2W / 4) / 9"
503	5	II	1.043	NO. REOD. (LENGTH) * 17	17	17	17	17	17	17	503 NUMBER BARS REQ. = 2 (13+I.D.+2W / 4) / 9"
504	5	I	1.043	NO. REOD. (LENGTH) * 17	17	17	17	17	17	17	504 NUMBER BARS REQ. = 2 (2W+I.D.+4) / 12"
1101	11	I	5.313	NO. REOD. (LENGTH) * 4	4	4	4	4	4	4	1101 BAR LENGTH = 21" + I.D. + 2W
1102	11	I	5.313	NO. REOD. (LENGTH) * 4	4	4	4	4	4	4	1102 TYPE I STRAIGHT
1103	11	I	5.313	NO. REOD. (LENGTH) * 4	4	4	4	4	4	4	1103 TYPE II BENDING

QUANTITIES FOR CONCRETE MANHOLE BOX BASE

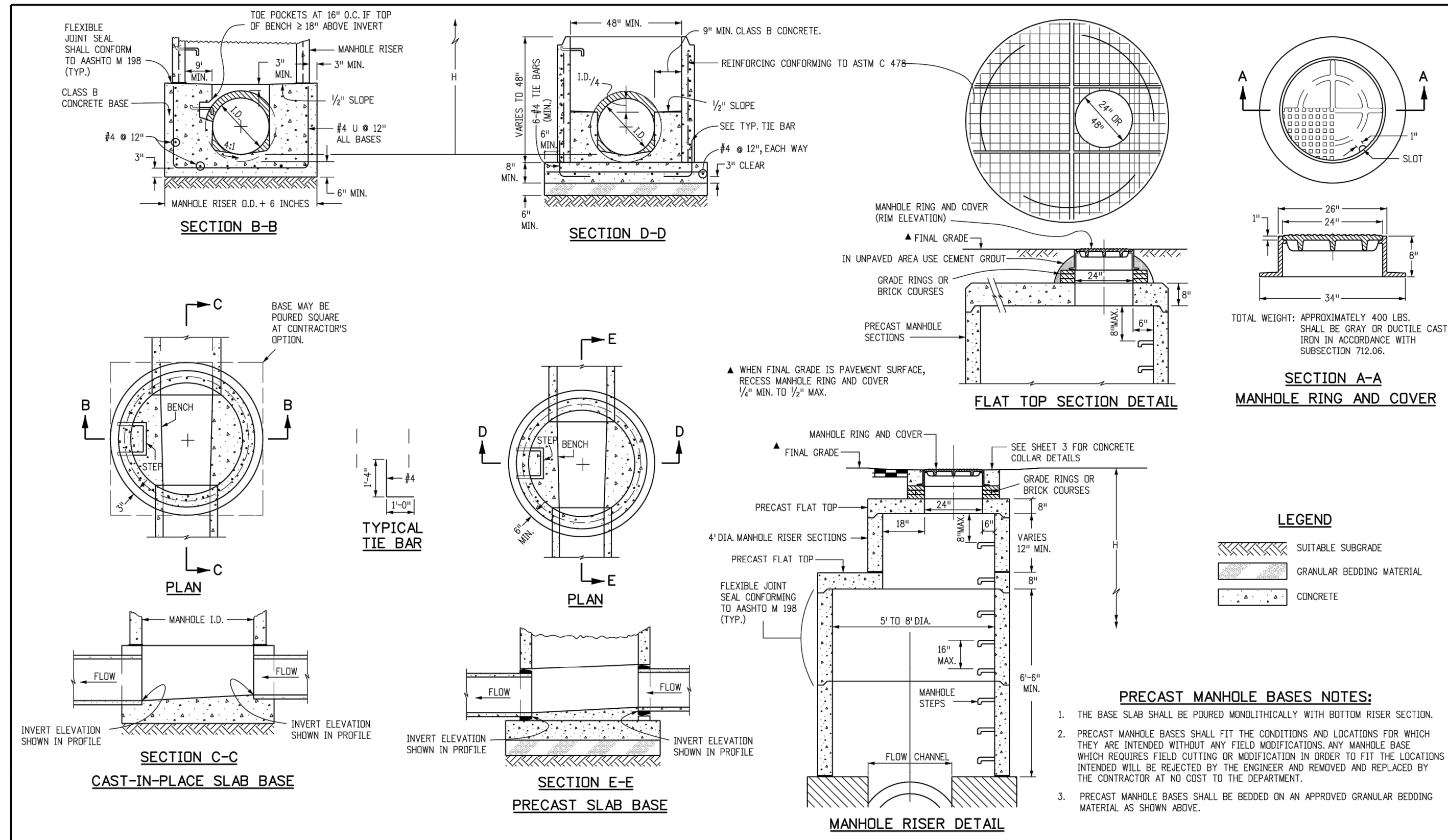
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MANHOLES

STANDARD PLAN NO.	M-604-20
Standard Sheet No. 1 of 3	
Project Sheet Number:	



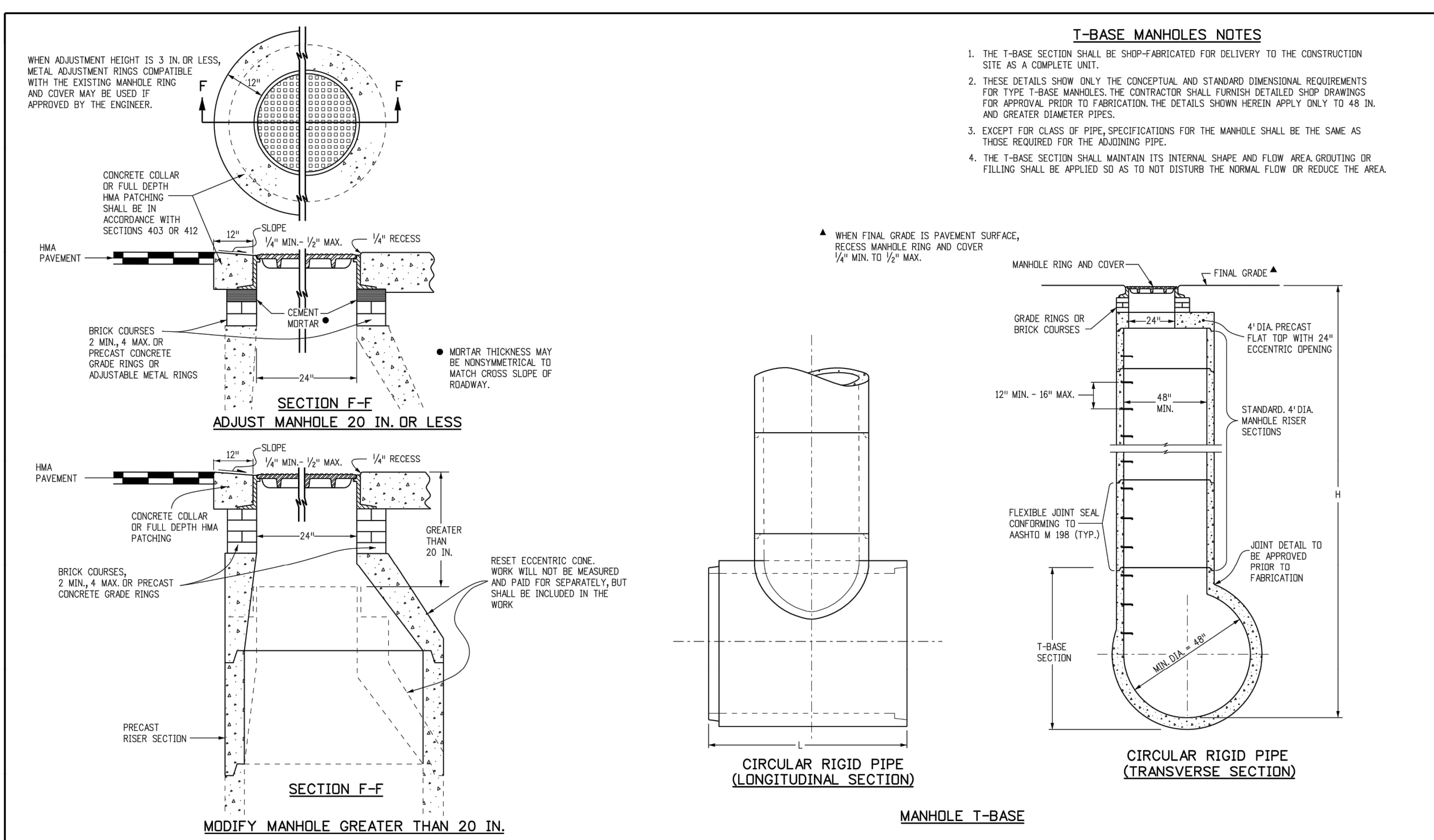
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STANDARD PLAN NO.	M-604-20
Standard Sheet No. 2 of 3	
Project Sheet Number:	

MANHOLES

STANDARD PLAN NO.	M-604-20
Standard Sheet No. 2 of 3	
Project Sheet Number:	



T-BASE MANHOLES NOTES

1. THE T-BASE SECTION SHALL BE SHOP-FABRICATED FOR DELIVERY TO THE CONSTRUCTION SITE AS A COMPLETE UNIT.
2. THESE DETAILS SHOW ONLY THE CONCEPTUAL AND STANDARD DIMENSIONAL REQUIREMENTS FOR TYPE T-BASE MANHOLES. THE CONTRACTOR SHALL FURNISH DETAILED SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION. THE DETAILS SHOWN HEREIN APPLY ONLY TO 48 IN. AND GREATER DIAMETER PIPES.
3. EXCEPT FOR CLASS OF PIPE, SPECIFICATIONS FOR THE MANHOLE SHALL BE THE SAME AS THOSE REQUIRED FOR THE ADJOINING PIPE.
4. THE T-BASE SECTION SHALL MAINTAIN ITS INTERNAL SHAPE AND FLOW AREA DURING OR FILLING SHALL BE APPLIED SO AS TO NOT DISTURB THE NORMAL FLOW OR REDUCE THE AREA.

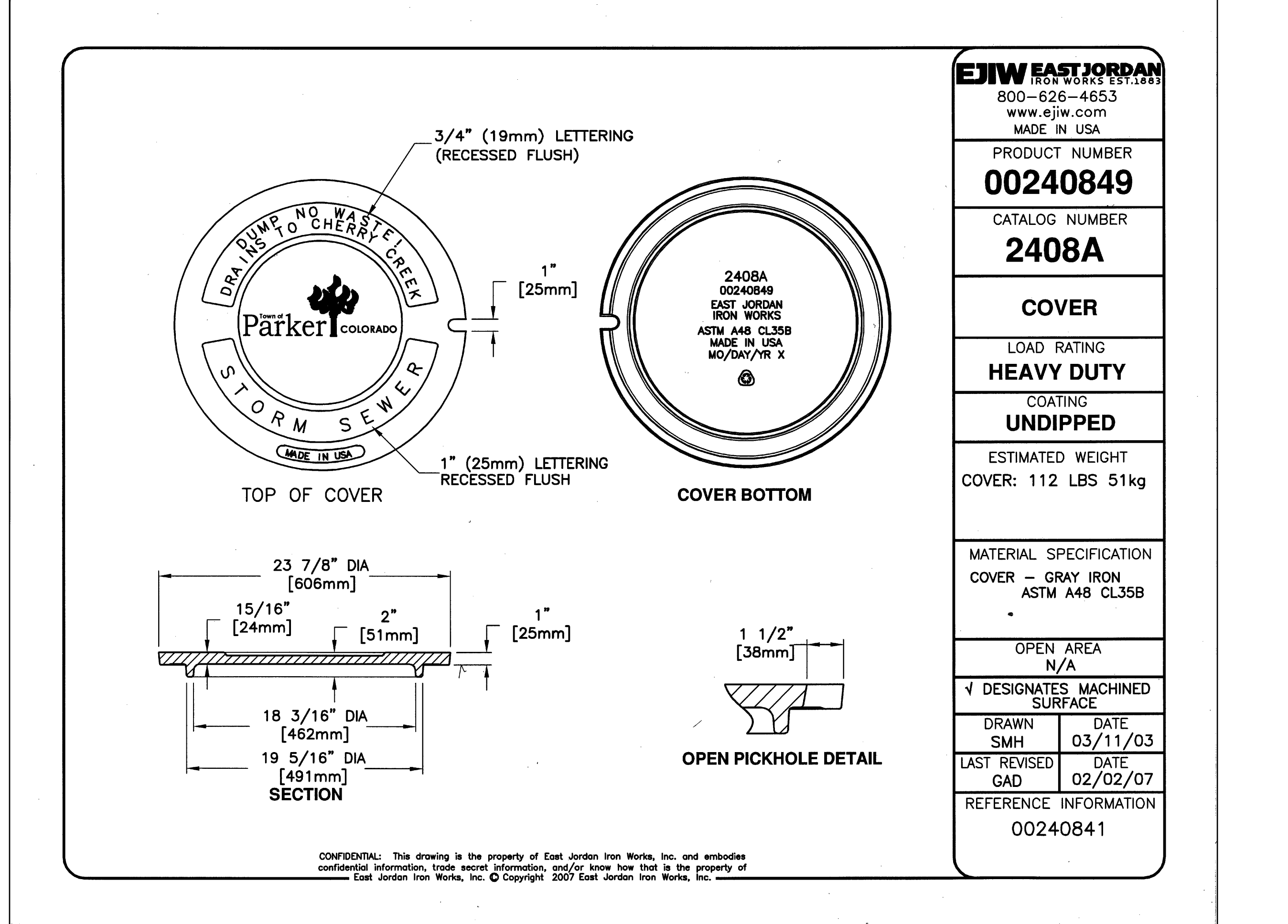
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STANDARD PLAN NO.	M-604-20
Standard Sheet No. 3 of 3	
Project Sheet Number:	

MANHOLES

STANDARD PLAN NO.	M-604-20
Standard Sheet No. 3 of 3	
Project Sheet Number:	



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PRODUCT NUMBER 00240849
CATALOG NUMBER 2408A
COVER
LOAD RATING HEAVY DUTY
COATING UNDIPPED
ESTIMATED WEIGHT COVER: 112 LBS 51kg
MATERIAL SPECIFICATION COVER - GRAY IRON ASTM A48 CL35B
OPEN AREA N/A
DESIGNATES MACHINED SURFACE
DRAWN SMH DATE 03/11/03
LAST REVISED GAD DATE 02/02/07
REFERENCE INFORMATION 00240841



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COMPARK VILLAGE SOUTH FILING NO. 2

TOWN OF PARKER, COLORADO

STORM DETAILS

PROJ. MGR.: RJM
PROJ. ASSOC.: RAK
DRAWN BY: RAK
DATE: 09/20/16

SHEET
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CLCPK3

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Know what's below.
Call before you dig.

STEEL GRATE QUANTITIES

NO.	DESCRIPTION	LENGTH PER FT. (LBS.)	WEIGHT PER FT. (LBS.)
4	S4 x 7.7 BEAM	41"	7.90 106
2	3/4" x 1/4" FLAT	26 3/4"	2.98 13
2	3" x 1/2" FLAT	26 3/4"	2.55 12

TOTAL LBS. = 131

QUANTITIES FOR ONE INLET

H	CONCRETE (CU. YDS.)	STEEL (LBS.)	NO. STEPS (REQD.)
2'-6"	1.0	76	0
3'-0"	1.1	81	0
3'-6"	1.2	87	0
4'-0"	1.3	102	1
4'-6"	1.5	117	2
5'-0"	1.6	123	2
5'-6"	1.7	138	2
6'-0"	1.9	143	3
6'-6"	2.0	159	3
7'-0"	2.1	164	3
7'-6"	2.2	180	4
8'-0"	2.4	185	4
8'-6"	2.5	200	4
9'-0"	2.6	206	5
9'-6"	2.8	221	5
10'-0"	2.9	236	6
11'-6"	3.3	252	6

GENERAL NOTES

- INLET TYPE C IS NOT HS-20 RATED AND SHALL NOT BE PLACED IN PAVED ROADWAYS. THIS INLET SHALL BE USED ONLY OUTSIDE PAVED ROADWAYS.
- CONCRETE SHALL BE CLASS B. INLET MAY BE CAST-IN-PLACE OR PRECAST.
- REINFORCING BARS SHALL BE GRADE 60, EPOXY COATED, AND DEFORMED #4, AND SHALL HAVE A MIN. 2 INCH CLEARANCE, CUT OR BEND AROUND PIPES AS REQUIRED.
- CONCRETE SLOPE AND DITCH PAVING SHALL BE IN ACCORDANCE WITH SECTION 507. REINFORCEMENT FOR CONCRETE SLOPE PAVING SHALL BE 6 X 6 - W1.4 X W1.4 OR 6 X 6 - W2.1 X W2.1.
- STRUCTURAL STEEL FOR GRATES AND GRATE INSTALLATION HARDWARE SHALL BE GALVANIZED, AND SHALL BE IN ACCORDANCE WITH SUBSECTION 712.06.
- THE STANDARD INLET GRATES SHALL BE USED ON ALL TYPE C INLETS, UNLESS CLOSE MESH INLET GRATES ARE SPECIFIED ON THE PLANS.
- CLOSE MESH GRATES ARE RECOMMENDED WHERE FOOT TRAFFIC OR BICYCLE ROUTES ARE IN CLOSE PROXIMITY TO GRATE. THIS GRATE IS NOT ADA COMPLIANT OR BICYCLE FRIENDLY AND SHALL NOT BE PLACED DIRECTLY IN SIDEWALKS, CROSSWALKS OR BIKE PATHS.
- STEPS SHALL BE PROVIDED WHEN INLET DIMENSION "H" IS EQUAL TO OR GREATER THAN 3 FEET - 6 INCHES AND SHALL CONFORM TO ASHOTO M 159.
- SEE STANDARD PLAN M-604-1L FOR REINFORCEMENT AROUND THE PIPE OPENING.
- ALL INLETS SHALL HAVE A 4 INCH DIAMETAL MEDALLION WITH A "NO DUMPING DRAINS TO STREAM" MESSAGE ON IT. THE MEDALLION SHALL HAVE A FISH SYMBOL WITH A BLUE BACKGROUND. IT SHALL BE FIRMLY ATTACHED TO THE TOP OF THE INLET WITH A PERMANENT FASTENER.

BAR LIST FOR H = 2 FT. - 6 IN. AND BENDING DIAGRAM

MARK	NO. REQD.	HEIGHT	LENGTH
401	2	2'-2 1/2"	8'-0"
401	6	2'-7"	8'-8"
402	4	1'-0"	15'-4"

1/4" INCREASE DIMENSION 6 IN. FOR EACH 6 IN. INCREASE OF "H" ABOVE 2 FT. - 6 IN.

ADD ONE BAR FOR EACH FT. INCREASE OF "H" ABOVE 2 FT. - 6 IN.

402 BARS SHALL BE EQUALLY SPACED FROM EACH OTHER.

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E 03/20/20	SUBMITTAL FOR REAPPROVAL
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