



TOWN OF PARKER CONSTRUCTION NOTES

- 1. ALL MATERIALS AND CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE COLORADO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION...

GENERAL NOTES FOR CONTRACTOR

- 1. THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTIONS TO THE CONTRACTOR BY THE ENGINEER OF THE PLANS. THE TOWN ENGINEER'S SIGNATURE ON THESE PLANS DOES NOT CONSTITUTE APPROVAL OF ANY OF THESE NOTES...

TOWN OF PARKER STORM DRAINAGE INFRASTRUCTURE NOTES

- 1. ALL STORM DRAINAGE IMPROVEMENTS ARE SUBJECT TO COMPLIANCE WITH THE COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION...

TOWN OF PARKER SIGNAGE AND STRIPING NOTES

- 1. 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...

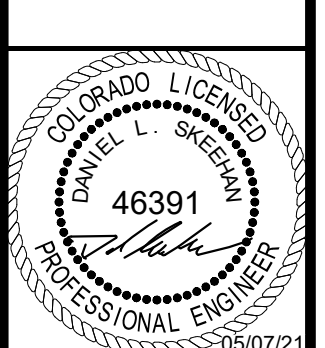
Kimley-Horn and Associates, Inc. 4582 South Ulster Street, Suite 1500 Denver, Colorado 80237 (303) 728-2300

Table with columns: NO., REVISION, DATE, APPR. BY



DESIGNED BY: MCM DRAWN BY: NMH CHECKED BY: DLS DATE: 05/07/2021

LOT 6 PARKER AND PINE FILING 1 PARKER, CO EVERBROOK ACADEMY CONSTRUCTION DOCUMENTS GENERAL NOTES

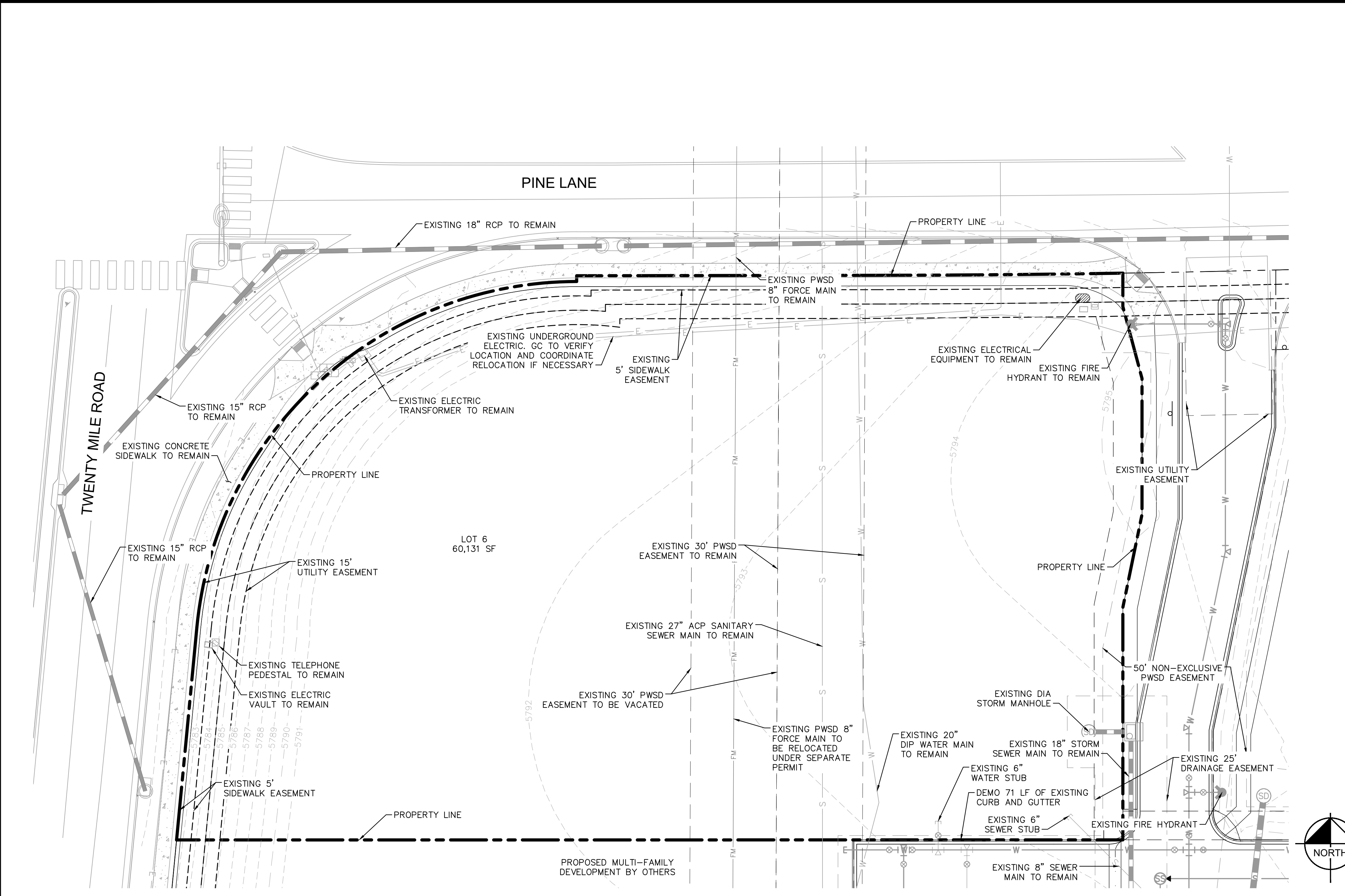


PROJECT NO. 096895001 DRAWING NAME 096895001CD\_CV

C1.1



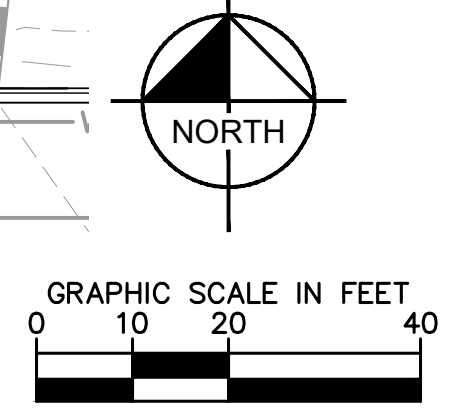
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**LEGEND**

---	EXISTING PROPERTY LINE
- - - -	EXISTING EASEMENT LINE
---	EXISTING STORM SEWER LINE
---	EXISTING UNDERGROUND POWER LINE
---	EXISTING FORCE PIPE
---	EXISTING WATER LINE
---	EXISTING GAS LINE
---	EXISTING TELECOMM LINE
---	EXISTING COMMUNICATIONS LINE
---	EXISTING CABLE LINE
---	EXISTING SANITARY SEWER LINE
---	EXISTING CCTV LINE
⊙	EXISTING SANITARY SEWER MANHOLE
⊙	EXISTING STORM SEWER MANHOLE
⊙	EXISTING WATER BEND
⊙	EXISTING FIRE HYDRANT
⊙	EXISTING WATER VALVE
⊙	EXISTING WATER SERVICE
⊙	EXISTING SANITARY SEWER SERVICE
⊙	EXISTING SANITARY SEWER BEND
⊙	EXISTING STORM INLET

- DEMOLITION NOTES**
1. ALL EXISTING IMPROVEMENTS TO BE PROTECTED IN PLACE, UNLESS SPECIFICALLY CALLED OUT AS 'TO BE REMOVED.'
  2. UTILITIES ARE SHOWN PER ENGINEERING SERVICE COMPANY SURVEY DATED MARCH 20, 2014 AND PARKER AND PINE FILING 1 (INFRASTRUCTURE) CONSTRUCTION PLANS BY KIMLEY-HORN AND ASSOCIATES, INC.



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 OR CORRECTNESS OF ENGINEERING CALCULATIONS. ERRORS IN THE DESIGN OR CALCULATIONS REMAIN THE RESPONSIBILITY OF REGISTERED PROFESSIONAL ENGINEER WHOSE STAMP AND SIGNATURE ARE AFFIXED TO THIS DOCUMENT.

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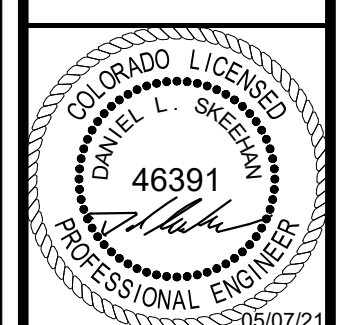
TOWN OF PARKER, DIRECTOR OF ENGINEERING \_\_\_\_\_ DATE \_\_\_\_\_

NO.	REVISION	BY	DATE	APPR

**Kimley»Horn**  
 2021 KIMLEY-HORN AND ASSOCIATES, INC.  
 4582 South Ulster Street, Suite 1500  
 Denver, Colorado 80237, (303) 728-2300

DESIGNED BY: MCN  
 DRAWN BY: NMH  
 CHECKED BY: DLS  
 DATE: 05/07/2021

**LOT 6 PARKER AND PINE FILING 1**  
 PARKER, CO  
 EVERBROOK ACADEMY CONSTRUCTION DOCUMENTS  
 EXISTING CONDITIONS AND DEMO PLAN



PROJECT NO.  
096895001

DRAWING NAME  
096895001SP\_EX

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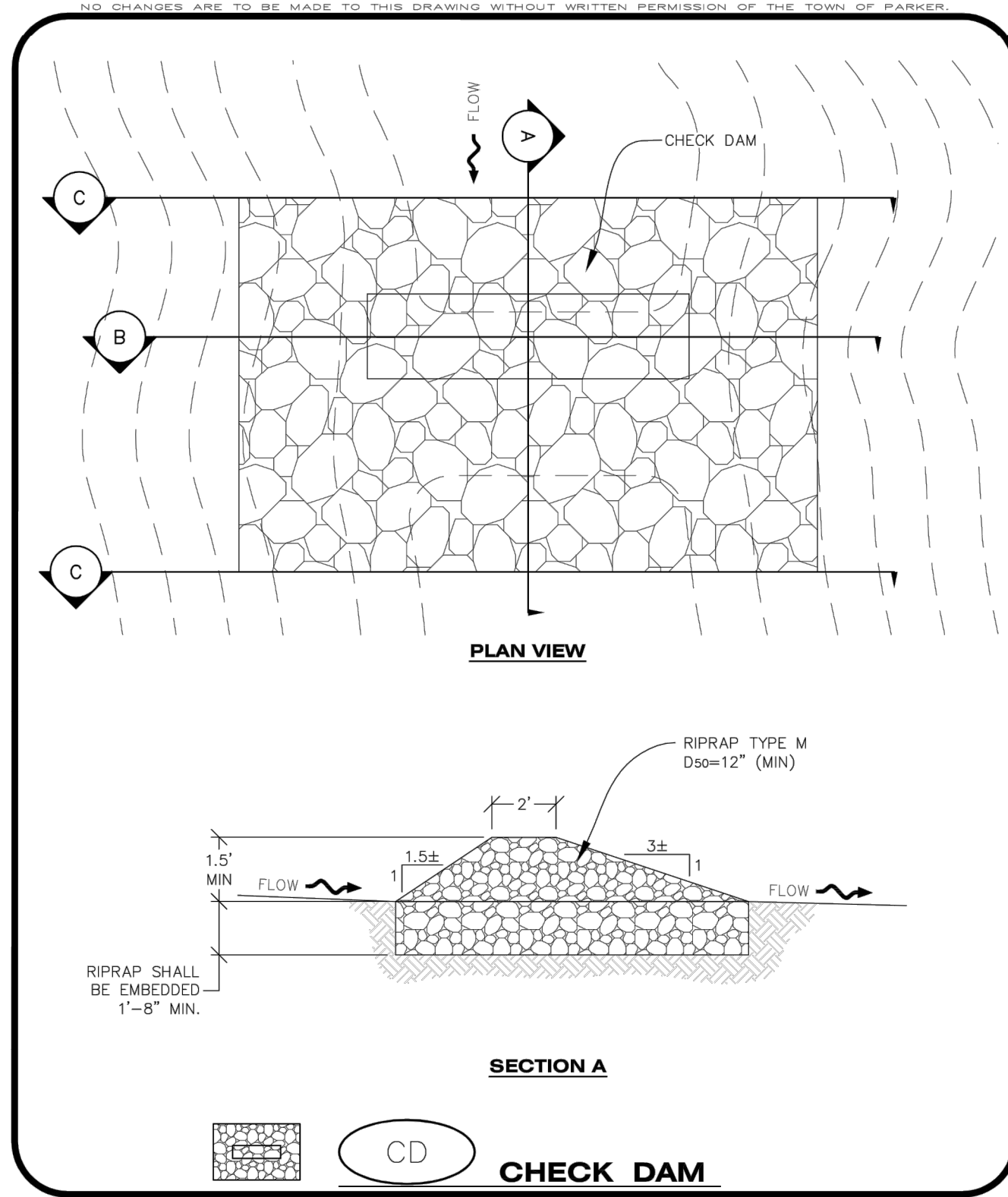




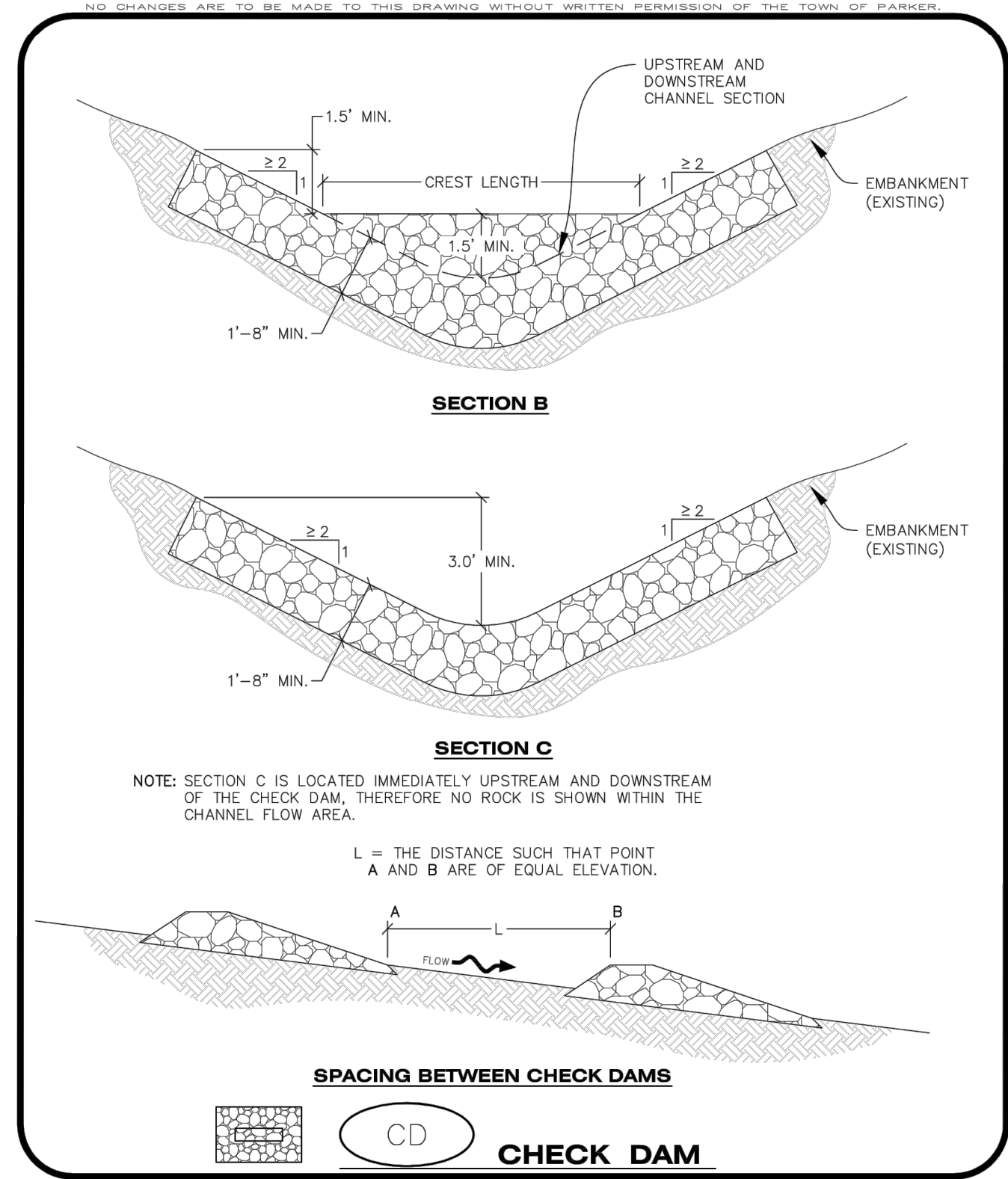




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**CBMP** | **CD** | CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 3 | Oct. 2013



**CBMP** | **CD** | CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 3 | Oct. 2013

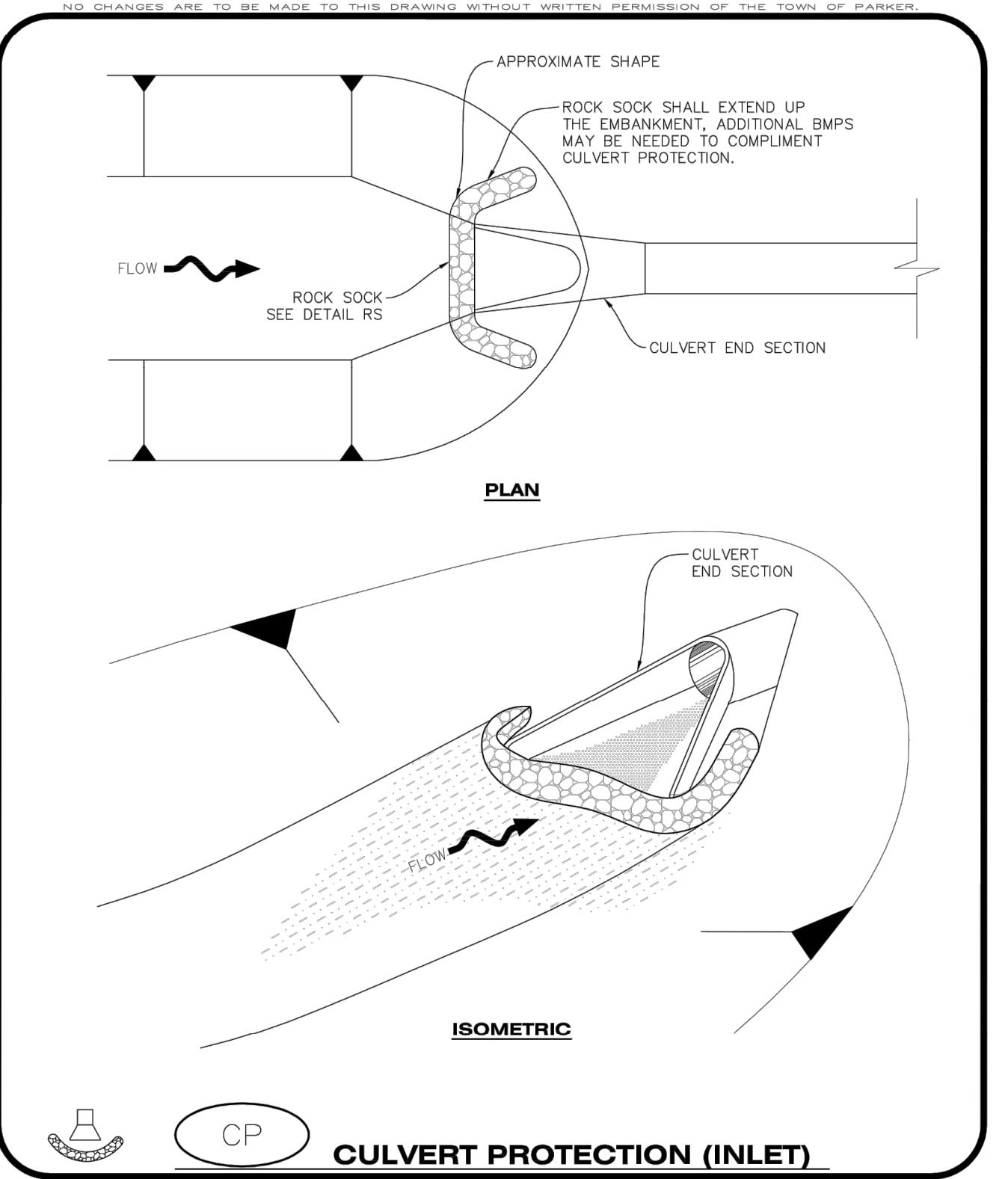
**CHECK DAM INSTALLATION NOTES**

- SEE PLAN VIEW FOR LOCATION(S) OF CHECK DAMS.
- CHECK DAMS SHOWN ON CBMP PLAN SHALL BE INSTALLED WHEN DIRECTED BY THE TOWN'S INSPECTOR.
- RIPRAP UTILIZED FOR CHECK DAMS SHALL HAVE A D50 MEDIAN STONE SIZE OF 12".
- RIPRAP PAD SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF 1"-8".
- THE MAXIMUM SPACING BETWEEN CHECK DAMS SHOULD BE SUCH THAT THE BOTTOM OF THE UPSTREAM DAM IS AT THE SAME ELEVATION AS THE TOP OF THE DOWNSTREAM DAM AS SHOWN IN THE DETAIL.

**CHECK DAM INSPECTION AND MAINTENANCE NOTES**

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE CHECK DAMS.
- ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE SEDIMENT HAS REACHED A DEPTH EQUAL TO 1/2 THE HEIGHT OF THE CREST OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
- CHECK DAMS SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
- WHEN CHECK DAMS ARE REMOVED, THE TOWN'S INSPECTOR MAY REQUIRE EXCAVATIONS TO BE FILLED WITH SUITABLE COMPACTED TOPSOIL AND ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE CHECK DAMS BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).
- IN SOME INSTANCES, CHECK DAMS MAY REMAIN IN PLACE PERMANENTLY.

**CBMP** | **CD** | CONSTRUCTION BEST MANAGEMENT PRACTICES | 3 OF 3 | Oct. 2013



**CBMP** | **CP** | CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 2 | Oct. 2013

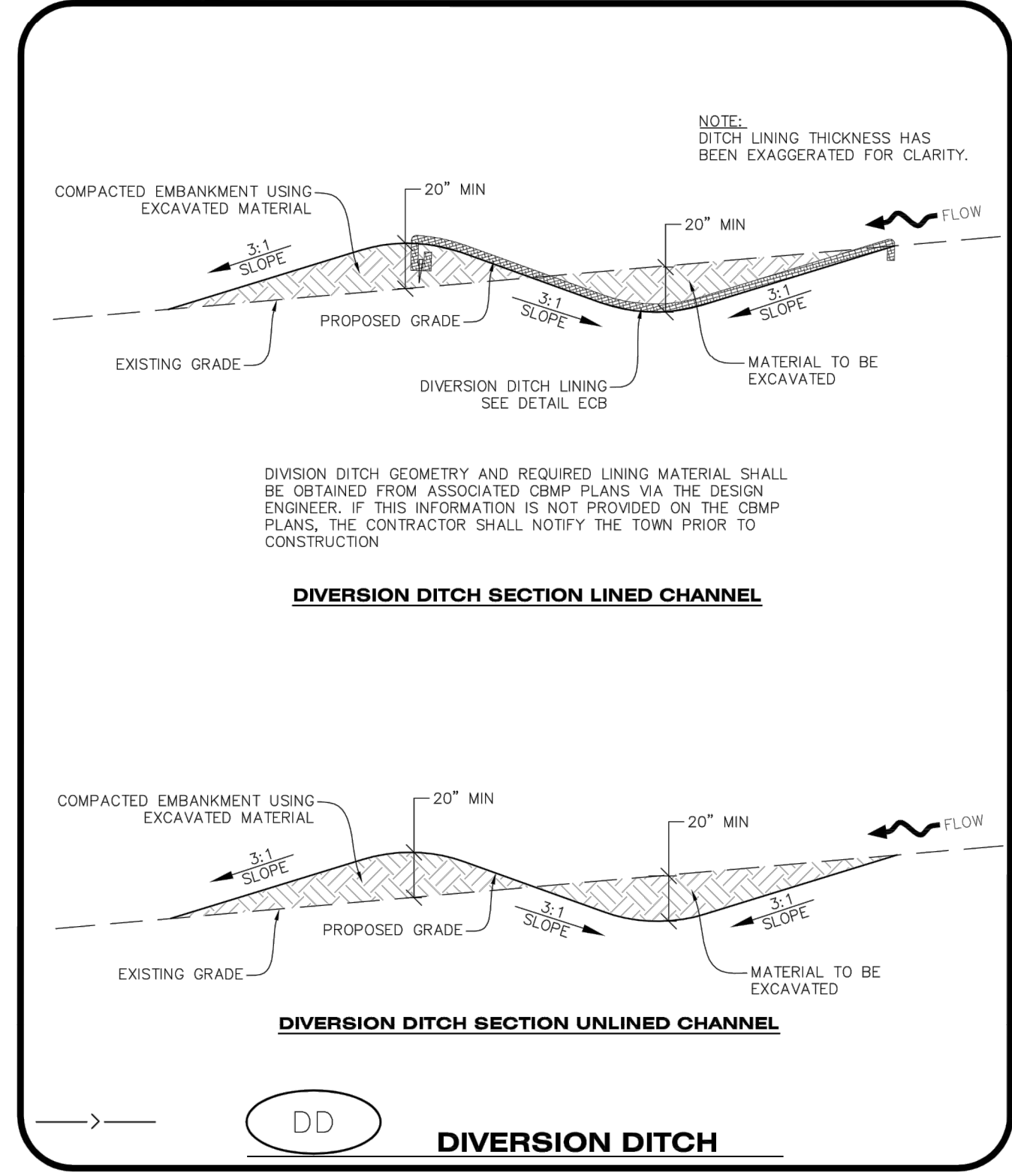
**CULVERT PROTECTION (INLET) INSTALLATION NOTES**

- SEE PLAN VIEW FOR LOCATION(S) OF CULVERT PROTECTION (INLET).
- ROCK SOCK SHALL BE CONSTRUCTED ACCORDING TO THE DETAIL (SEE DETAIL RS).
- ROCK SOCK SHALL BE APPROXIMATELY 12" IN DIAMETER.
- ROCK SOCK SHALL EXTEND ABOVE THE FLOW LINE ELEVATION ON BOTH SIDES OF THE CULVERT END SECTION.

**CULVERT PROTECTION (INLET) INSPECTION AND MAINTENANCE NOTES**

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE CULVERT PROTECTION (INLET).
- AT A MINIMUM, ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE SEDIMENT HAS REACHED A DEPTH EQUAL TO 1/2 THE HEIGHT OF THE ROCK SOCK.
- CULVERT PROTECTION (INLET) IS TO REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
- WHEN THE CULVERT INLET PROTECTION IS REMOVED, THE TOWN'S INSPECTOR MAY REQUIRE ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE CULVERT INLET PROTECTION TO BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).

**CBMP** | **CP** | CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 2 | Oct. 2013



**CBMP** | **DD** | CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 2 | Oct. 2013

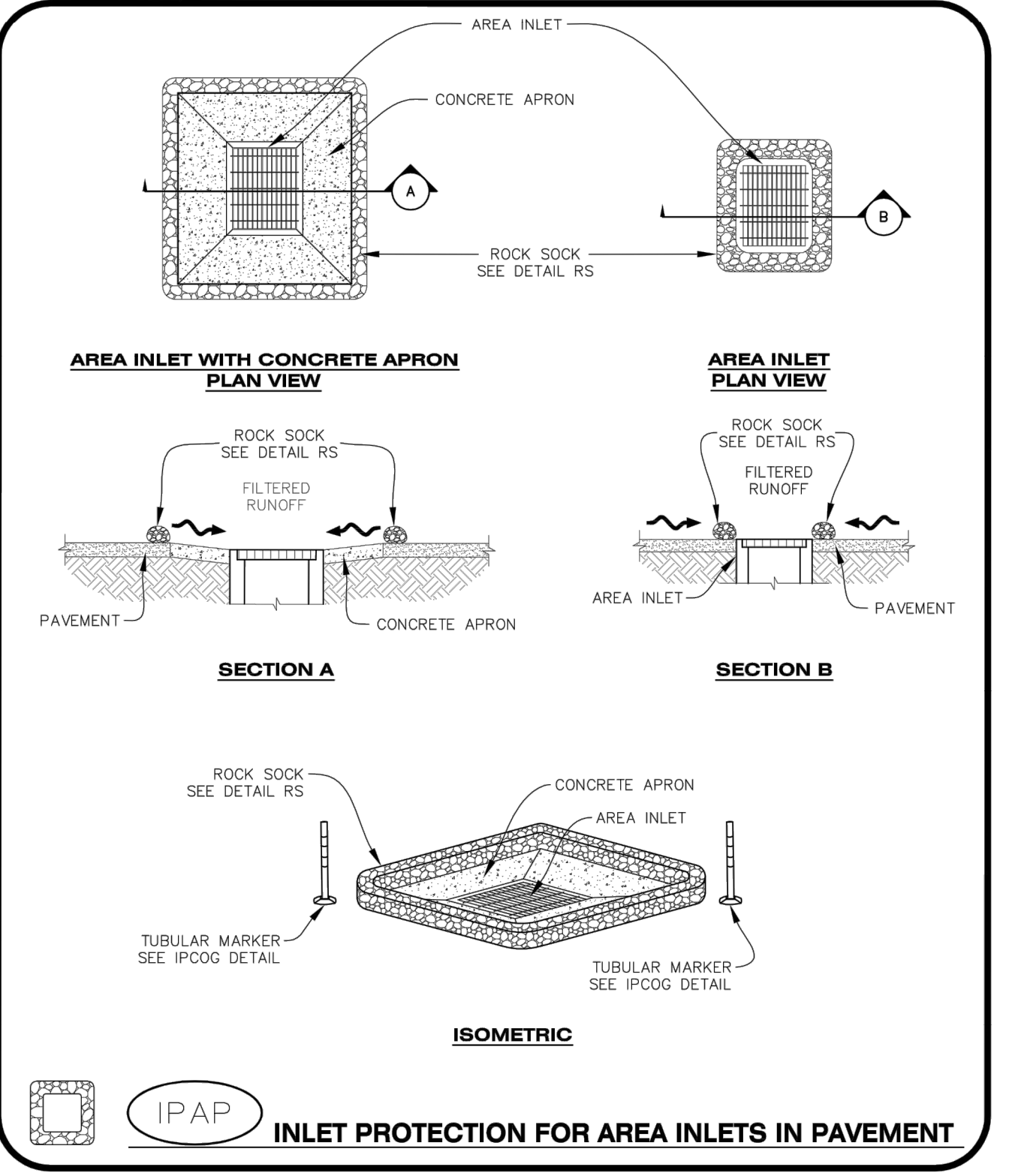
**DIVERSION DITCH INSTALLATION NOTES**

- SEE THE PLAN VIEW FOR THE LOCATION(S) OF THE DIVERSION DITCHES.
- A PLASTIC LINER, RIPRAP, OR EROSION CONTROL BLANKET MAY BE NECESSARY TO PROTECT THE DIVERSION DITCH. THE REQUIRED LINING MATERIAL SHALL BE OBTAINED FROM THE CBMP PLANS VIA THE DESIGN ENGINEER.
- ALL MATERIAL EXCAVATED FROM THE DITCH MAY BE USED TO CONSTRUCT THE BERM ON THE DOWNHILL SIDE OF THE DITCH.
- THE DIVERSION DITCH SHALL BE A MINIMUM OF 20" DEEP WITH APPROX. 3:1 SIDE SLOPES. THE ADJACENT BERM SHALL BE A MINIMUM OF 20" IN HEIGHT WITH APPROX. 3:1 SIDE SLOPES. ALL EMBANKMENTS SHALL BE FIRMLY COMPACTED.
- THE DISCHARGE FROM THE DIVERSION DITCH SHALL BE DIRECTED TOWARDS AN APPROPRIATELY SIZED TEMPORARY SEDIMENT BASIN OR OTHER APPROVED AREA.

**DIVERSION DITCH INSPECTION AND MAINTENANCE NOTES**

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE DIVERSION DITCH.
- ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE THE SEDIMENT HAS REACHED A DEPTH EQUAL TO 1/2 (10") THE CREST HEIGHT.
- DIVERSION DITCHES SHALL BE RE-GRADED FOLLOWING THE SIGNS OF MODERATE OR MORE SOIL EROSION OR ANY DAMAGE.
- DIVERSION DITCHES ARE TO REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR. ALTERNATIVELY, THE DIVERSION DITCHES MAY BE REMOVED WHEN THE SITE'S TOPOGRAPHY CHANGES SUCH THAT SIGNIFICANT RUNOFF IS NO LONGER POSSIBLE. IN SOME INSTANCES, THE DIVERSION DITCHES MAY REMAIN IN PLACE PERMANENTLY.

**CBMP** | **DD** | CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 2 | Oct. 2013



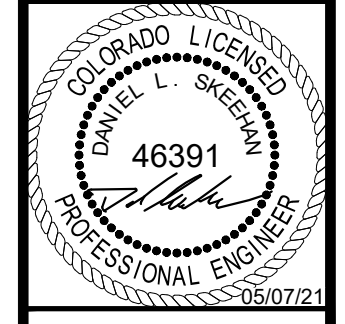
**CBMP** | **IPAP** | CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 1 | Oct. 2013

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 DATE: 05/07/2021

**LOT 6 PARKER AND PINE FILING 1**  
 PARKER, CO  
 EVERBROOK ACADEMY CONSTRUCTION DOCUMENTS  
 CBMP DETAILS



PROJECT NO.  
096895001  
 DRAWING NAME  
096895001EC\_DT  
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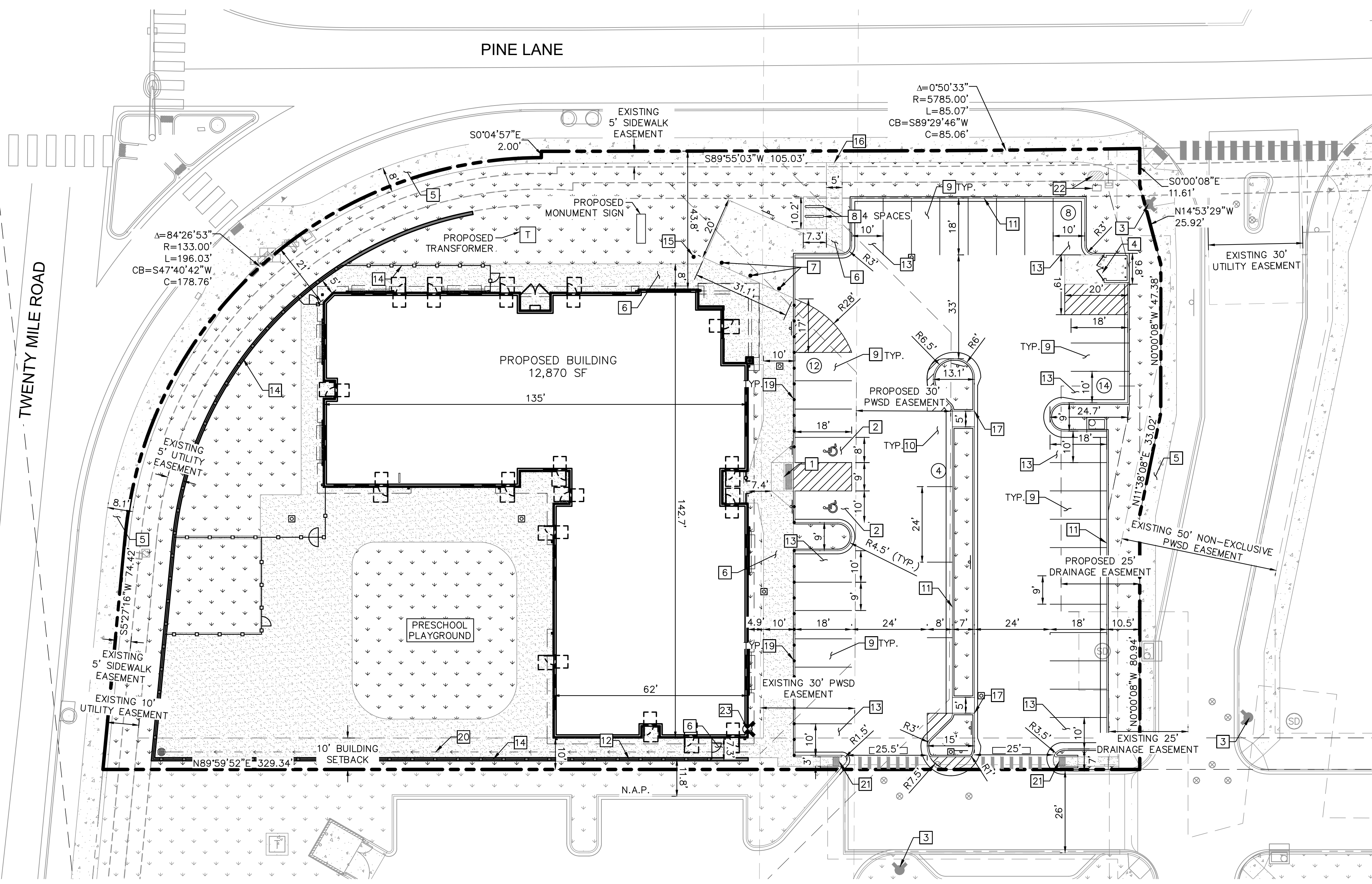








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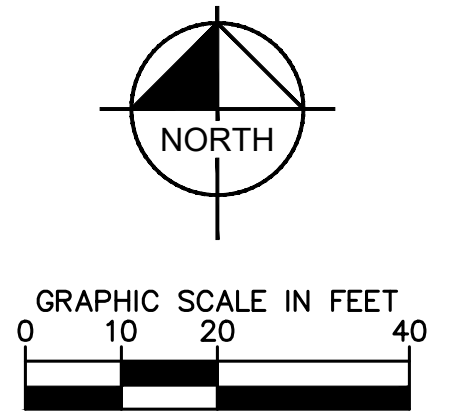


**LEGEND**

	PROPERTY LINE
	EASEMENT BOUNDARY
	STANDARD DUTY ASPHALT PAVEMENT
	HEAVY DUTY CONCRETE PAVEMENT
	PROPOSED CONCRETE SIDEWALK
	PROPOSED STRIPING
	PARKING COUNT
	EXISTING FIRE HYDRANT
	PROPOSED STORM INLET
	FDC
	PROPOSED SIGN SEE SHEET C4.1
	PROPOSED RETAINING WALL AND FENCE

- KEY NOTES**
- 1 PROPOSED ADA ACCESSIBLE SIDEWALK RAMP PER TOWN OF PARKER STD DETAIL 17.
  - 2 PROPOSED ADA PARKING STALLS.
  - 3 EXISTING FIRE HYDRANT.
  - 4 PROPOSED TRASH ENCLOSURE. REFER TO ARCH PLANS.
  - 5 EXISTING CONCRETE SIDEWALK, SIZE PER PLAN
  - 6 PROPOSED CONCRETE SIDEWALK, SIZE PER PLAN, PER TOWN OF PARKER STD. DTL.
  - 7 PROPOSED REMOVABLE BOLLARDS.
  - 8 PROPOSED BIKE RACK. SEE SHEET C6.1 FOR DETAIL.
  - 9 PROPOSED STANDARD 9'X18' PARKING STALL.
  - 10 PROPOSED STANDARD 8'X24' PARALLEL PARKING SPACE.
  - 11 PROPOSED 18" CURB AND GUTTER PER TOWN OF PARKER STANDARD DETAIL.
  - 12 PROPOSED RETAINING WALL SEE SHEET C5.0 FOR GRADING INFORMATION.
  - 13 PROPOSED ISLAND ADJACENT 10'X18' PARKING STALL.
  - 14 PROPOSED METAL ORNAMENTAL FENCE REFER TO ARCH PLANS.
  - 15 PROPOSED FLAG POLE. REFER ARCH PLANS.
  - 16 PROPOSED 5' WIDE PEDESTRIAN CONNECTION.
  - 17 2' WIDE CURB CUT
  - 18 6" CURB AND INTEGRAL SIDEWALK, REFER TO ARCH PLANS.
  - 19 PROPOSED BOLLARDS @ 5' O.C. REFER TO ARCH PLANS.
  - 20 CONCRETE FLOW LINE. SEE SHEET C5.0 FOR GRADING INFORMATION.
  - 21 PROPOSED ADA ACCESSIBLE SIDEWALK RAMP PER TOWN OF PARKER STD DETAIL 18. SEE DETAIL ON SHEET C6.2
  - 22 EXISTING ELECTRICAL EQUIPMENT
  - 23 PROPOSED FIRE DEPARTMENT CONNECTION

- NOTES:**
1. ALL LIGHTING ON-SITE, EXTERIOR, UNROOFED LIGHTING SHALL CONFORM TO THE TOWN'S LIGHTING STANDARDS.
  2. ALL MECHANICAL EQUIPMENT SHALL BE SCREENED FROM VIEW FROM A PUBLIC RIGHT OF WAY.
  3. LOCATION OF TRASH RECEPTACLES SHALL BE SCREENED BY A SOLID SCREEN FENCE SURROUNDING AT LEAST 3 SIDES OF THE CONTAINER.
  4. ALL DIMENSIONS AND RADII ARE TO FLOWLINE OF CURB AND GUTTER UNLESS OTHERWISE NOTED.
  5. REFER TO SITE ELECTRICAL PLANS FOR LIGHT POLE LOCATIONS.
  6. REFER TO SHEET C4.2 FOR ALL RADII AND DIMENSIONS OF PROPOSED CURB AND GUTTER.



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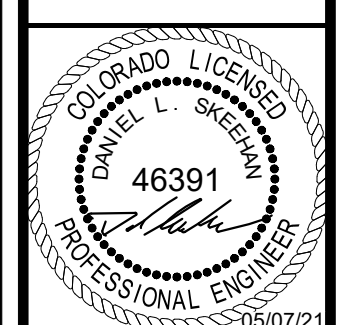
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 DRAWN BY: NMH  
 CHECKED BY: DLS  
 DATE: 05/07/2021

**LOT 6 PARKER AND PINE FILING 1**  
 PARKER, CO  
 EVERBROOK ACADEMY CONSTRUCTION DOCUMENTS  
 OVERALL SITE PLAN



PROJECT NO.  
096895001

DRAWING NAME  
096895001SP\_SP

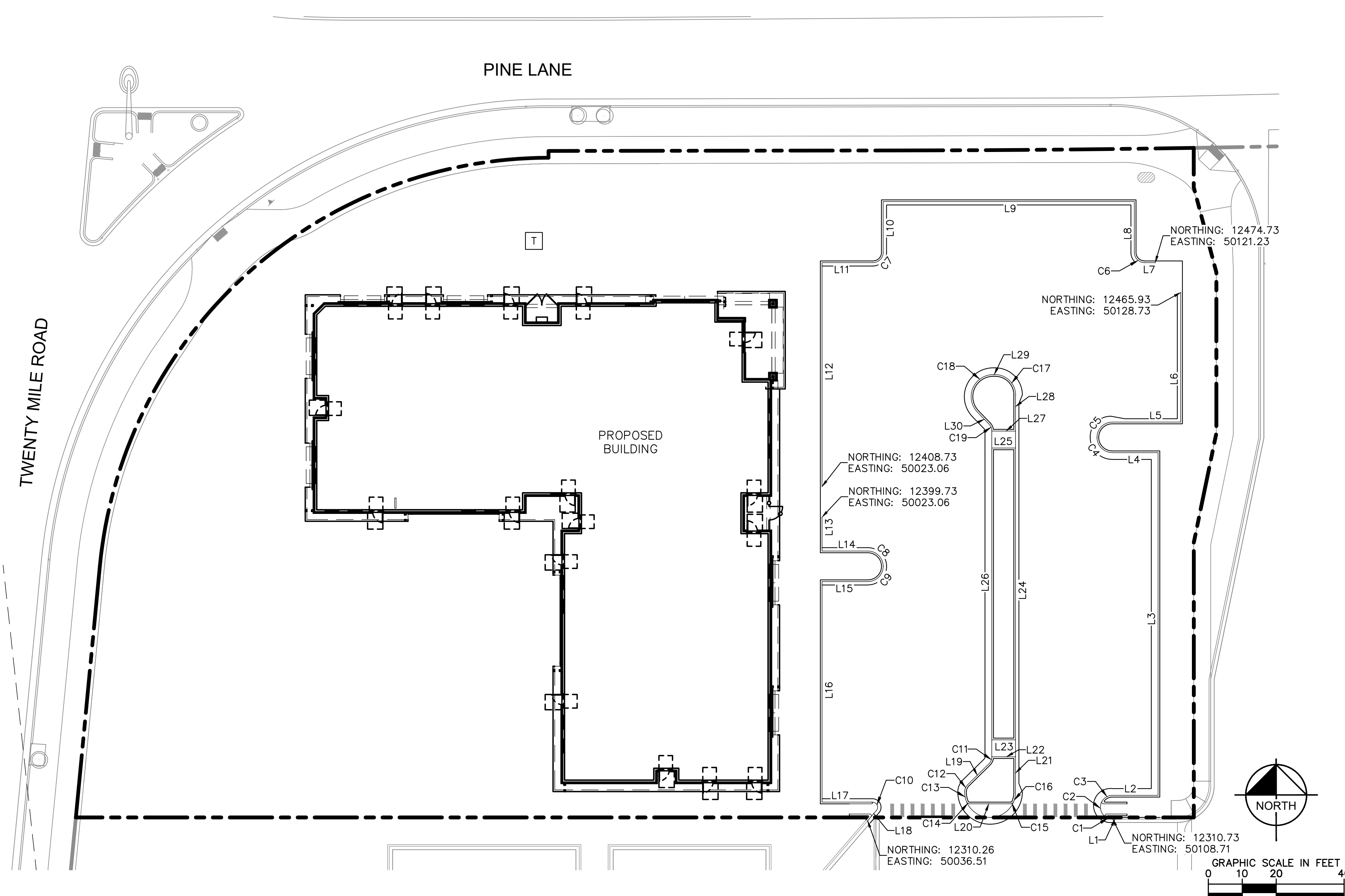
TOWN OF PARKER, DIRECTOR OF ENGINEERING

DATE

**C4.0**



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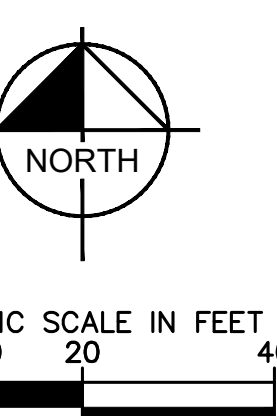
**LEGEND:**  
 - - - - - PROPERTY LINE  
 ——— PROPOSED CONCRETE CURB  
 ——— EXISTING CURB

**BASIS OF BEARING:**  
 BEARINGS SHOWN HEREON ARE BASED UPON THE WEST LINE OF THE SW 1/4 OF SECTION 10, TOWNSHIP 6 SOUTH, RANGE 66 WEST, OF THE 6TH PRINCIPAL MERIDIAN BEARING S00°17'51"W AS REFERENCED ON THE PLAT OF PARKER AUTO PLAZA FILING NO.1 AND BOUND BY THE MONUMENTS SHOWN HEREON.

LINE	LENGTH	BEARING
L1	19.01	N90°00'00.00"W
L2	13.51	N89°59'12.96"E
L3	101.00	N0°00'07.84"W
L4	13.50	N89°59'59.15"W
L5	20.17	S89°59'59.15"E
L6	38.20	N0°00'07.01"W
L7	3.17	N90°00'00.00"W
L8	15.00	N0°00'00.00"E
L9	74.00	N90°00'00.00"W
L10	15.00	S0°00'00.00"E
L11	15.00	N90°00'00.00"W
L12	66.00	S0°00'00.00"E
L13	10.00	S0°00'00.00"E
L14	13.50	N90°00'00.00"E
L15	13.50	N90°00'00.00"W

LINE	LENGTH	BEARING
L16	65.00	S0°00'00.00"E
L17	14.62	N90°00'00.00"E
L18	2.44	S40°39'27.54"W
L19	8.70	S45°29'34.76"W
L20	12.01	N90°00'00.00"E
L21	10.38	N0°00'00.72"W
L22	7.00	S89°59'59.28"W
L23	7.00	S89°59'59.28"W
L24	96.00	S0°00'00.72"E
L25	7.00	N89°59'59.28"E
L26	96.00	N0°00'00.00"E
L27	7.00	N89°59'59.28"E
L28	10.64	N0°00'00.72"W
L29	0.59	N90°00'00.00"W
L30	4.92	S44°00'50.47"E

CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
C1	3.50'	2.04'	N73°17'14"W	2.02'	33°28'33"	1.05'
C2	3.50'	5.28'	S13°17'10"E	4.80'	86°31'36"	3.29'
C3	3.50'	3.66'	N59°57'07"E	3.50'	59°56'58"	2.02'
C4	4.50'	7.07'	N44°59'59"W	6.36'	90°00'00"	4.50'
C5	4.50'	7.07'	N45°00'01"E	6.36'	90°00'00"	4.50'
C6	3.00'	4.71'	N45°00'00"W	4.24'	90°00'00"	3.00'
C7	3.00'	4.71'	S45°00'00"W	4.24'	90°00'00"	3.00'
C8	4.50'	7.07'	S45°00'00"E	6.36'	90°00'00"	4.50'
C9	4.50'	7.07'	S45°00'00"W	6.36'	90°00'00"	4.50'
C10	1.50'	3.42'	S24°40'16"E	2.73'	130°39'28"	3.27'
C11	3.00'	2.38'	S22°44'47"W	2.32'	45°29'35"	1.26'
C12	3.00'	2.38'	S22°44'47"W	2.32'	45°29'35"	1.26'
C13	7.50'	2.94'	S11°13'50"E	2.92'	22°27'40"	1.49'
C14	1.00'	1.18'	S56°13'50"E	1.11'	67°32'20"	0.67'
C15	1.00'	1.18'	N56°13'50"E	1.11'	67°32'20"	0.67'
C16	7.50'	2.94'	N11°13'50"E	2.92'	22°27'40"	1.49'
C17	6.00'	9.42'	N45°00'00"W	8.49'	90°00'00"	6.00'
C18	6.50'	15.20'	S22°59'35"W	11.97'	134°00'50"	15.32'
C19	3.00'	2.30'	S22°00'25"E	2.25'	44°00'50"	1.21'



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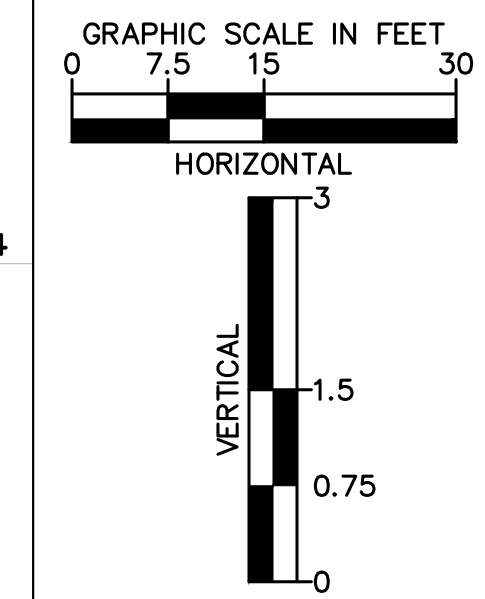
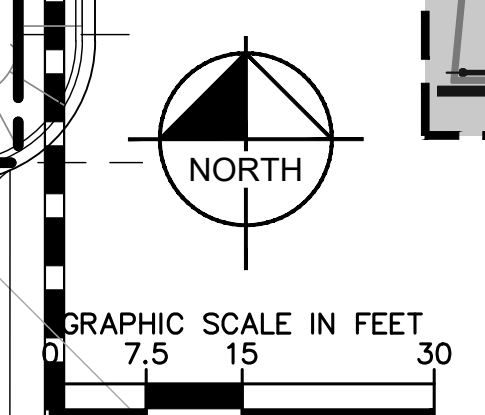
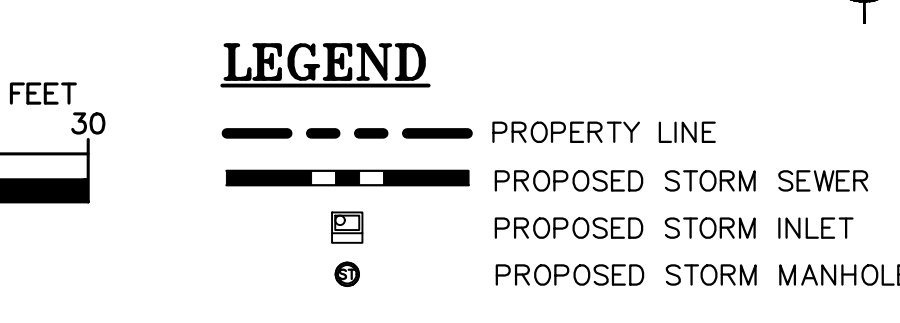
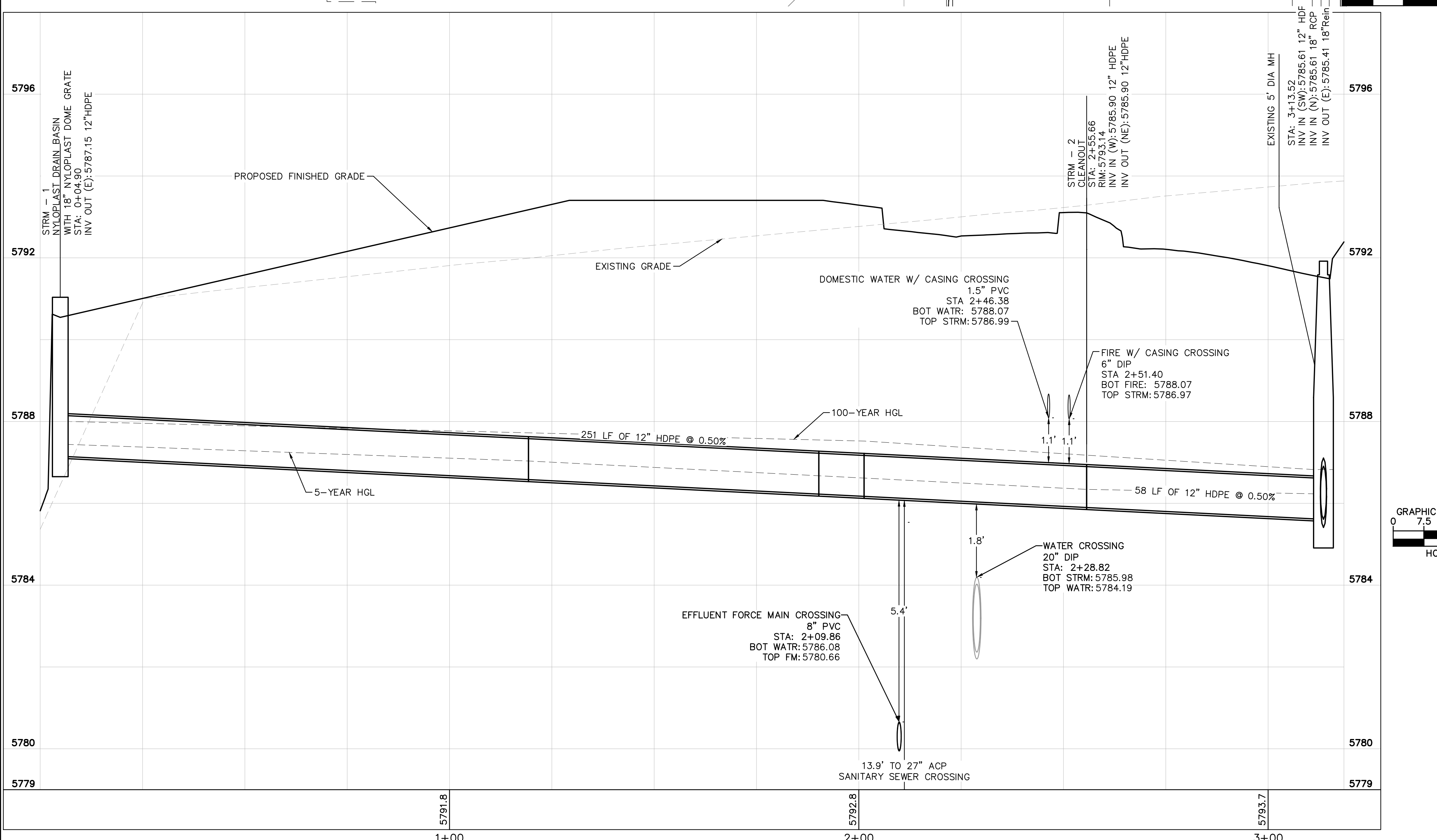
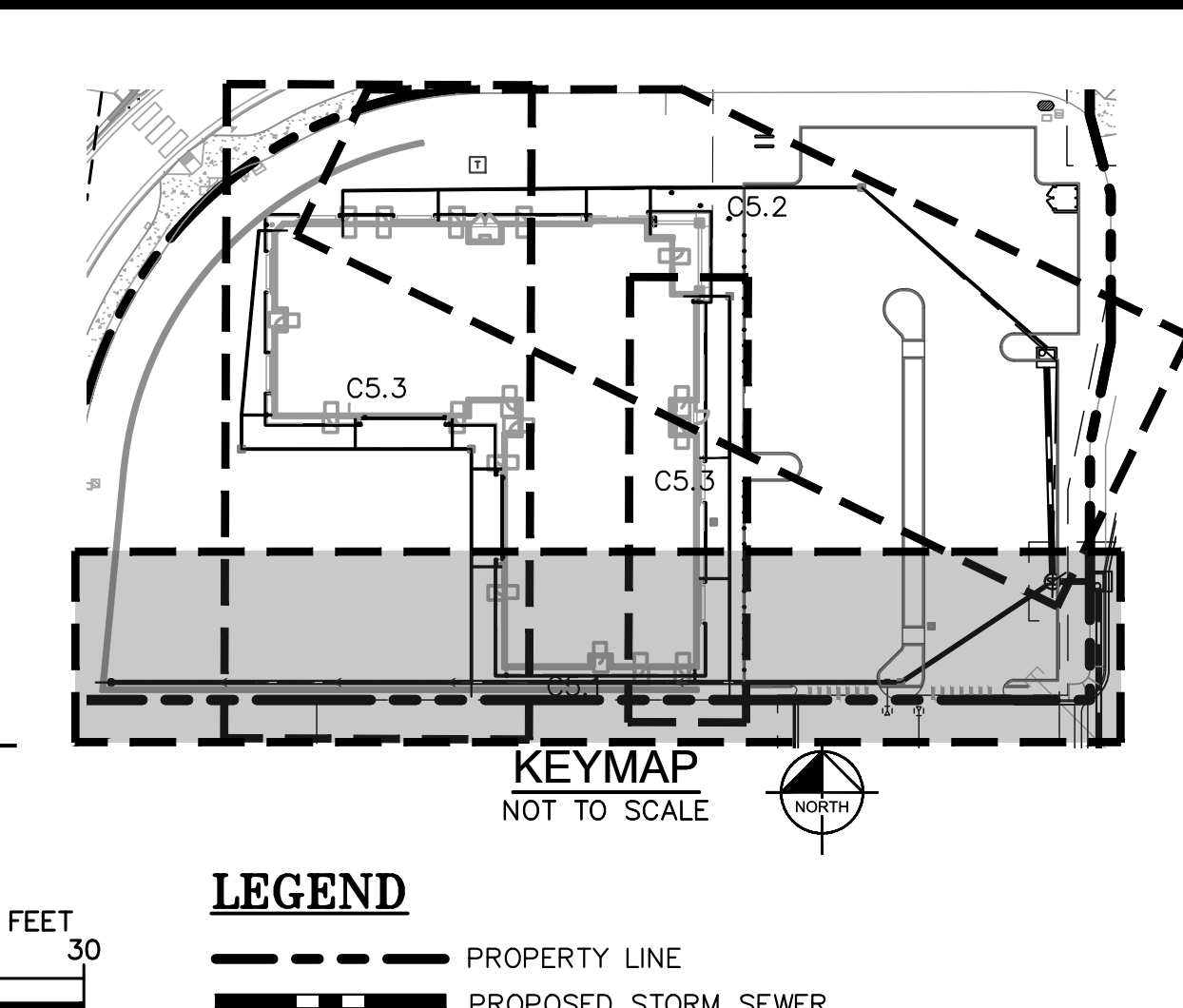
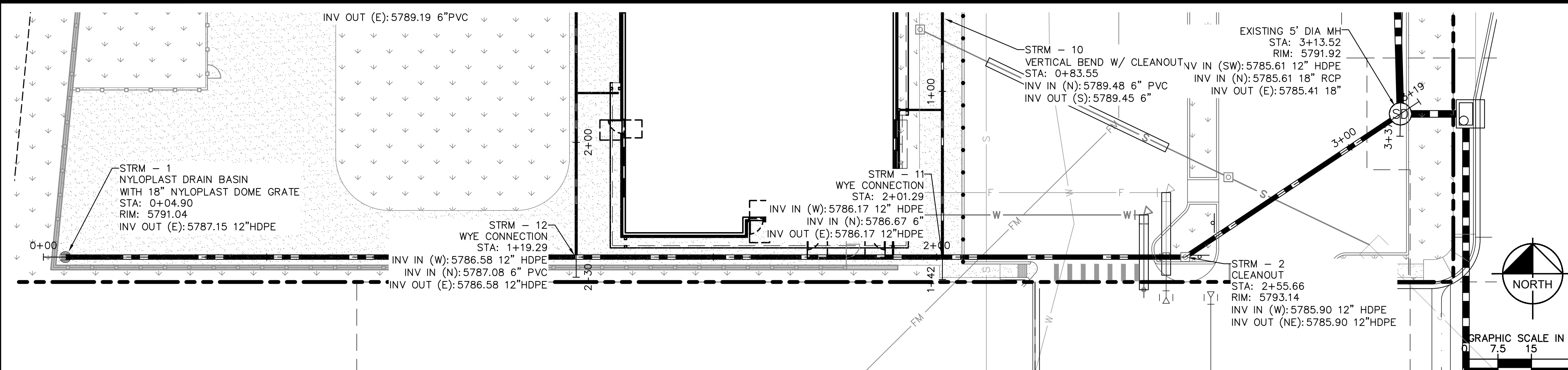
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<p style="font-size: 8px;">2021 KIMLEY-HORN AND ASSOCIATES, INC. 4582 South Ulster Street, Suite 1500 Denver, Colorado 80237, (303) 728-2300</p>	<p>DESIGNED BY: MCN DRAWN BY: NMH CHECKED BY: DLS DATE: 05/07/2021</p>										
<p><b>LOT 6 PARKER AND PINE FILING 1</b> PARKER, CO EVERBROOK ACADEMY CONSTRUCTION DOCUMENTS HORIZONTAL CONTROL PLAN</p>											
<p>PROJECT NO. 096895001</p> <p>DRAWING NAME 096895001CD_HC</p>	<p>REVISION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>REVISION</th> <th>DATE</th> <th>BY</th> <th>APPR</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	REVISION	DATE	BY	APPR					
NO.	REVISION	DATE	BY	APPR							
<p>PROJECT NO. 096895001</p> <p>DRAWING NAME 096895001CD_HC</p> <p style="font-size: 1.2em; font-weight: bold;">C4.2</p>											



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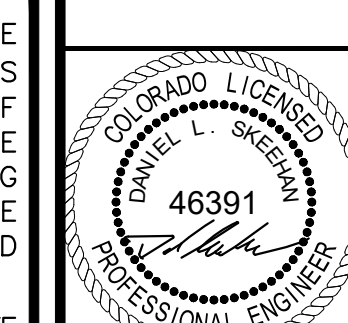


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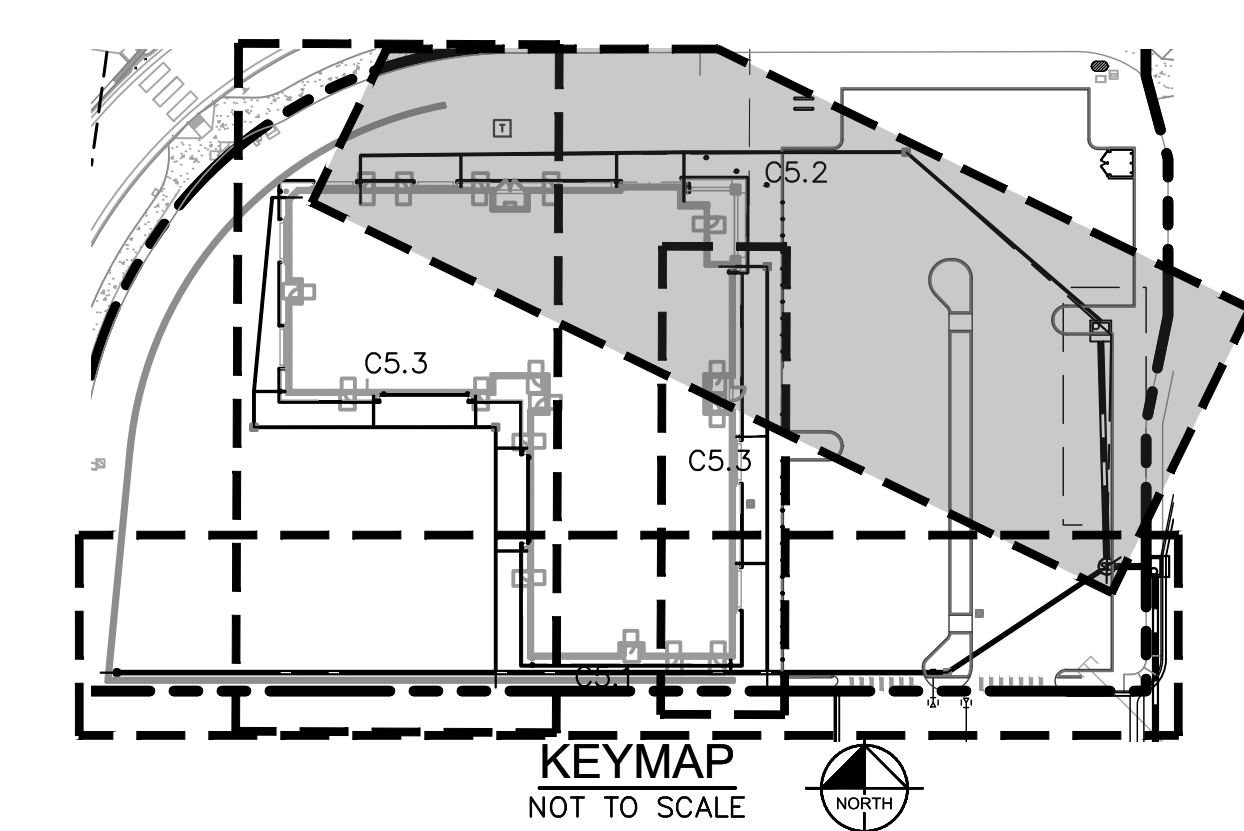
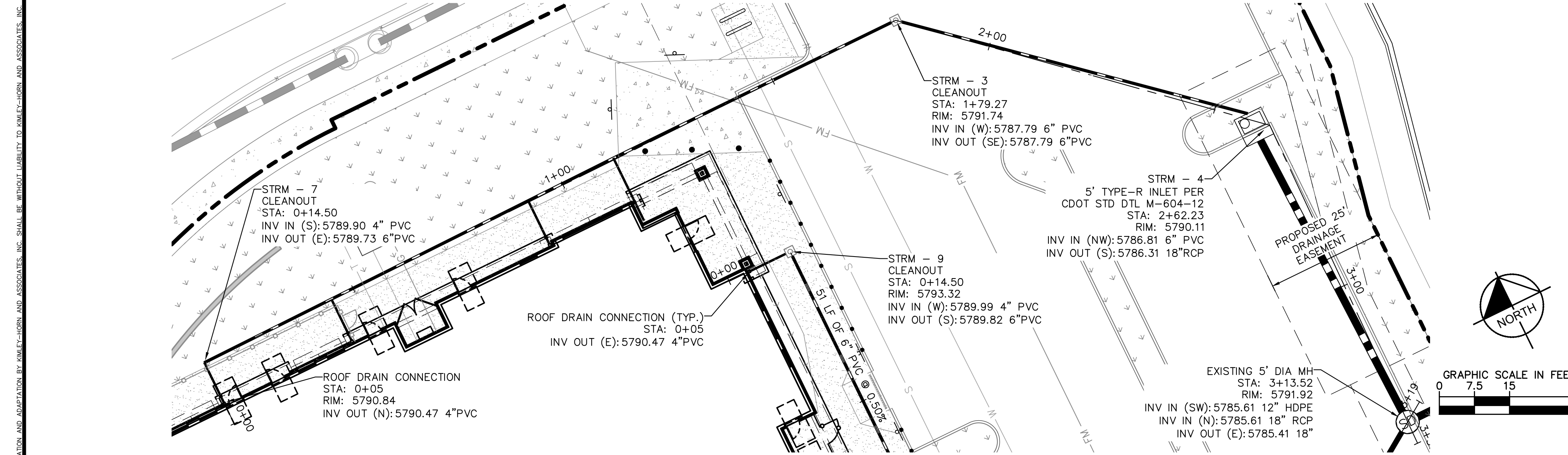
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 PARKER, CO  
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 PRIVATE STORM PLAN AND PROFILE



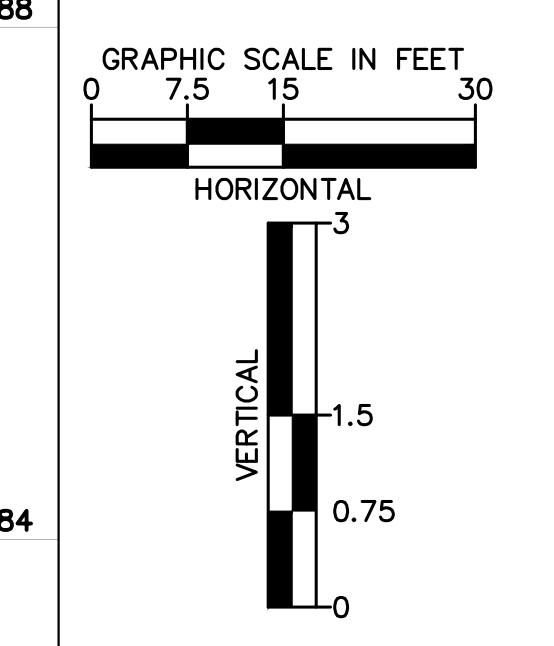
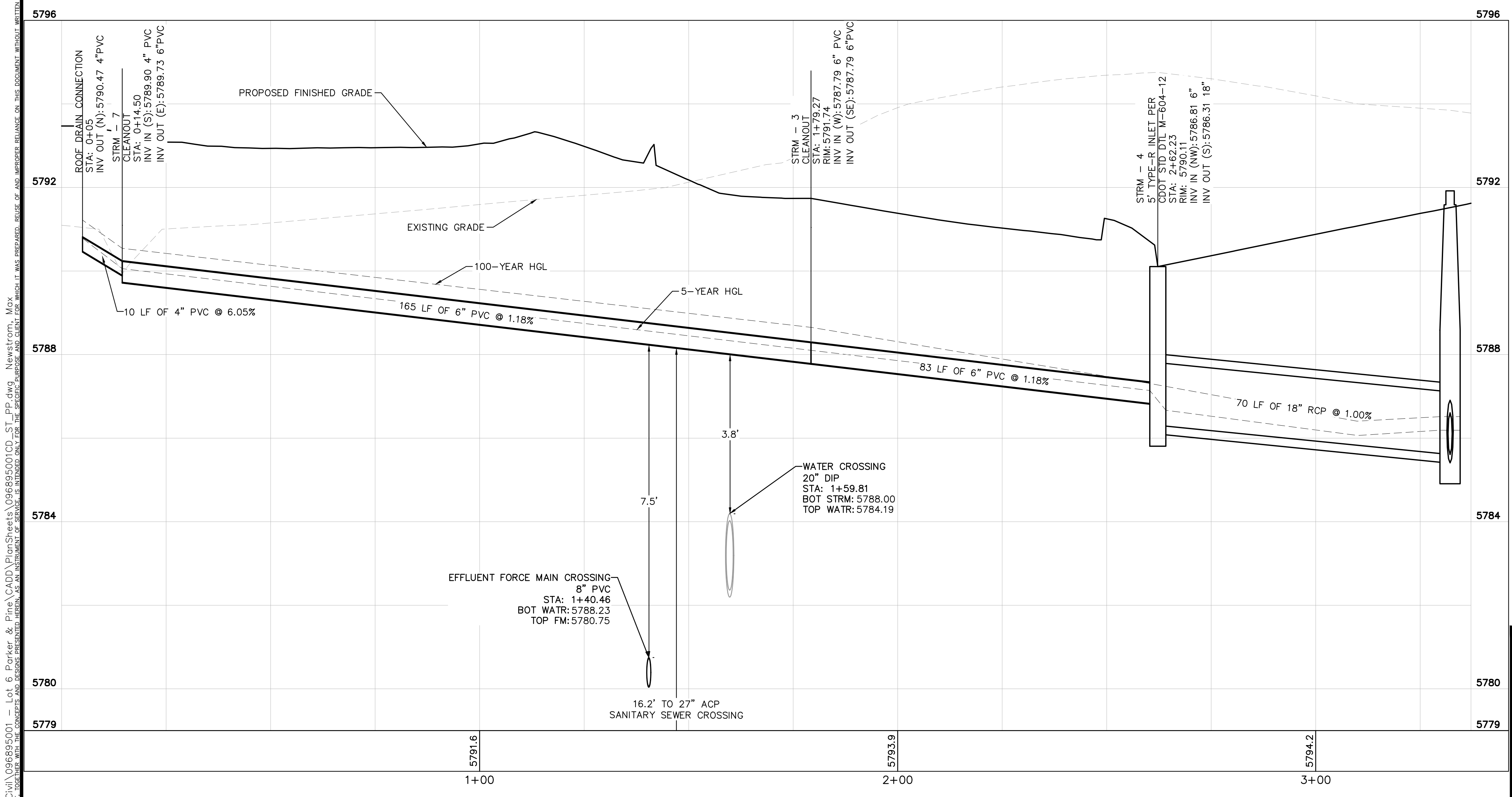
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- LEGEND**
- PROPERTY LINE
  - PROPOSED STORM SEWER
  - PROPOSED STORM INLET
  - PROPOSED STORM MANHOLE



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PRIVATE STORM PLAN AND PROFILE

PROFESSIONAL ENGINEER  
STATE OF COLORADO LICENSED  
DANIEL L. SHERMAN  
46391

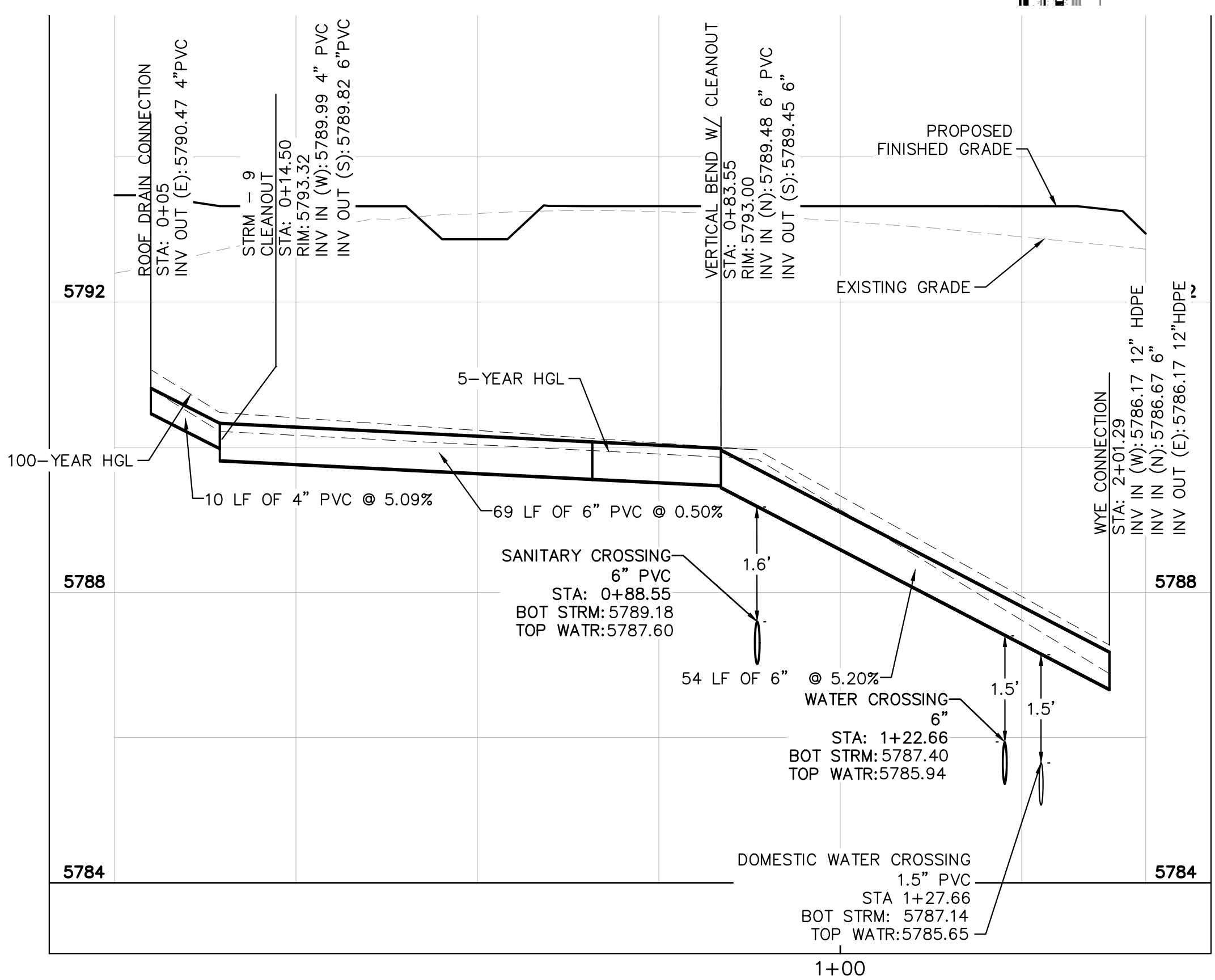
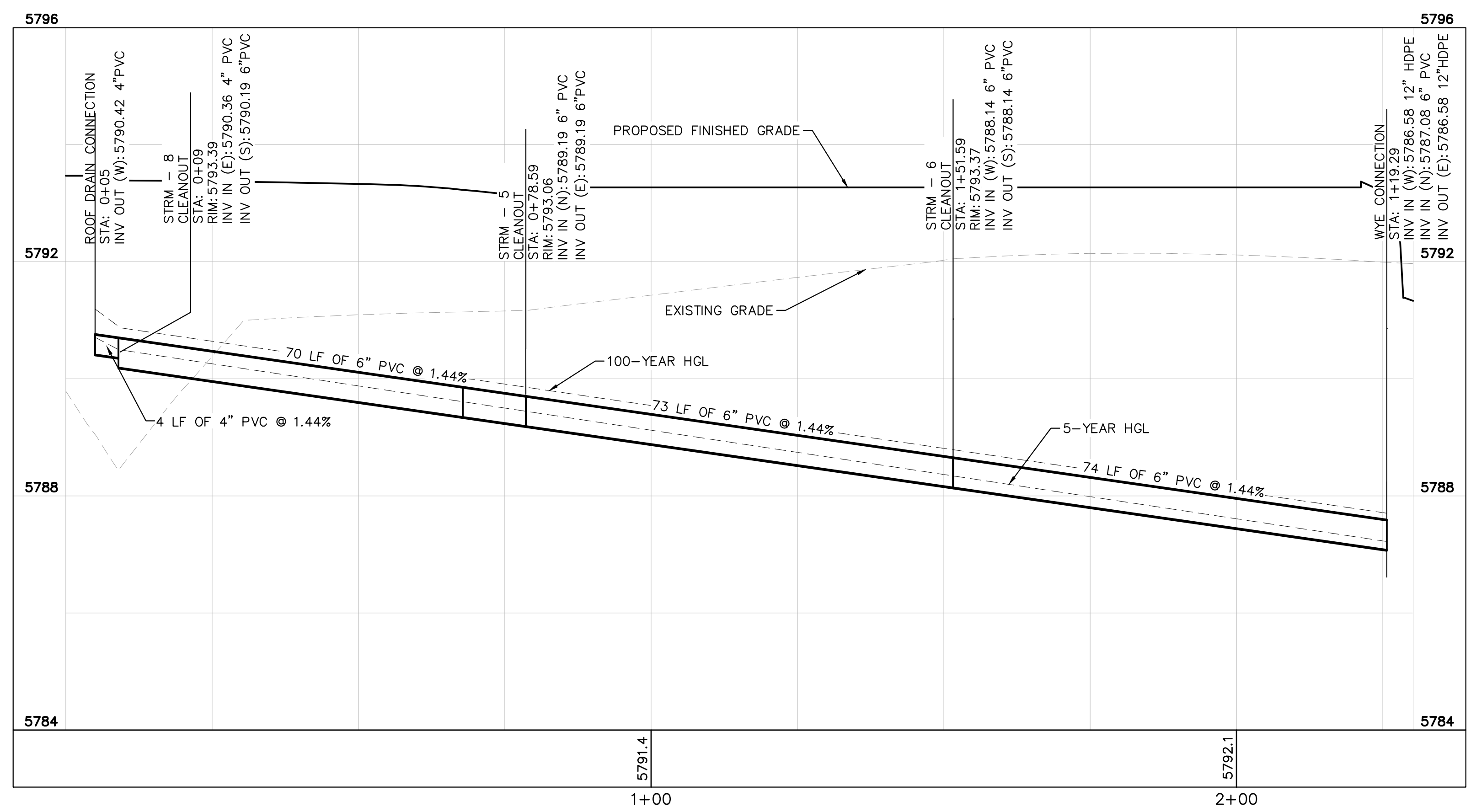
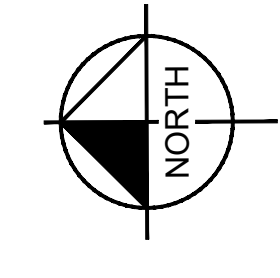
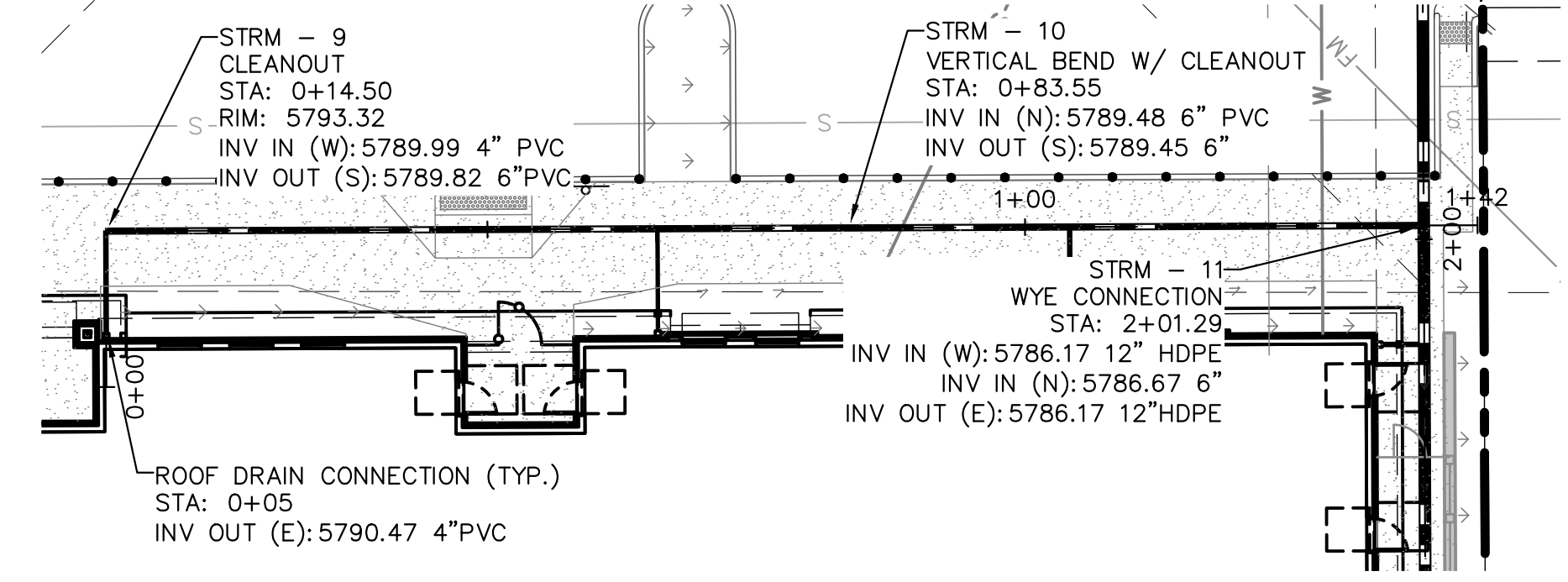
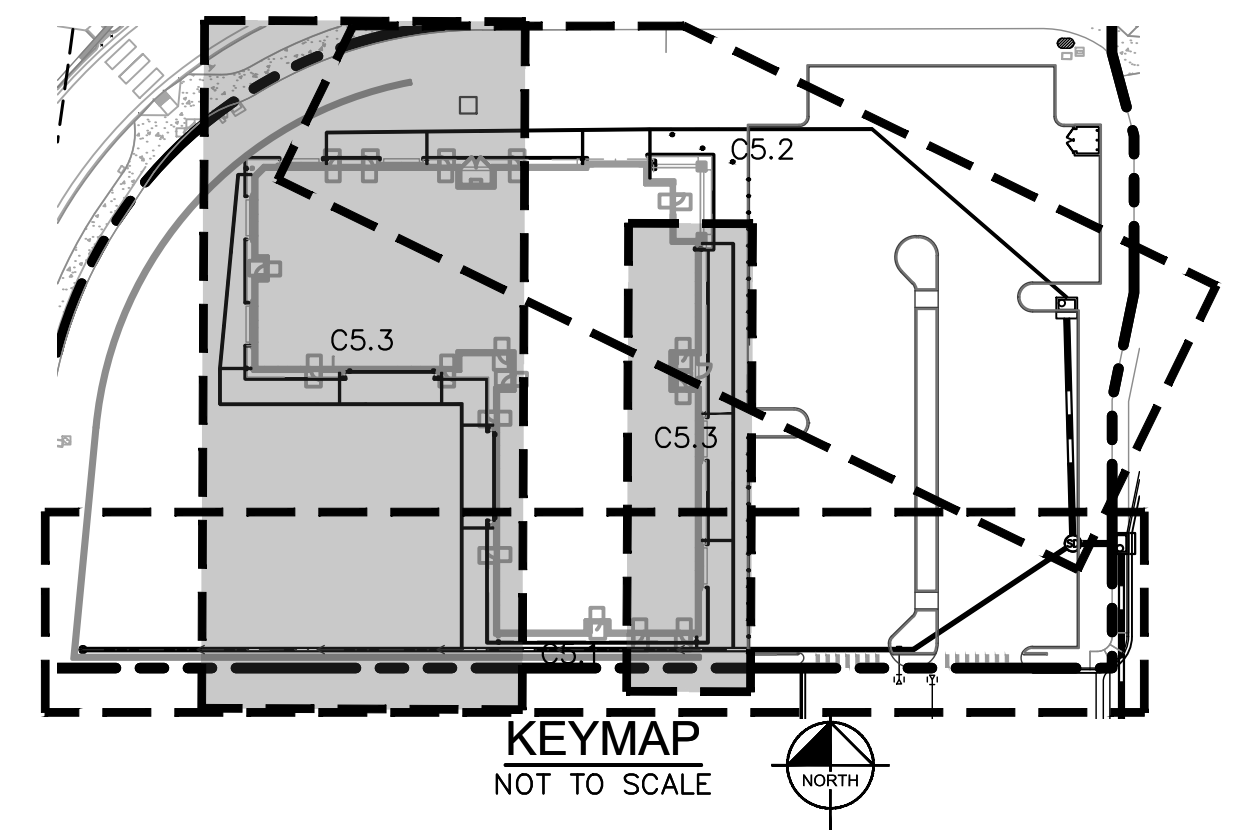
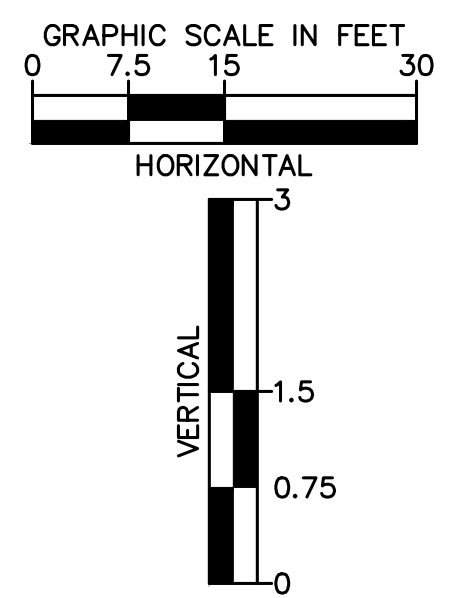
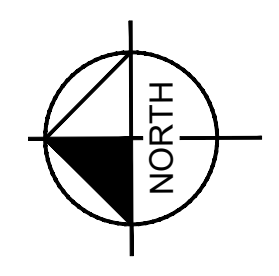
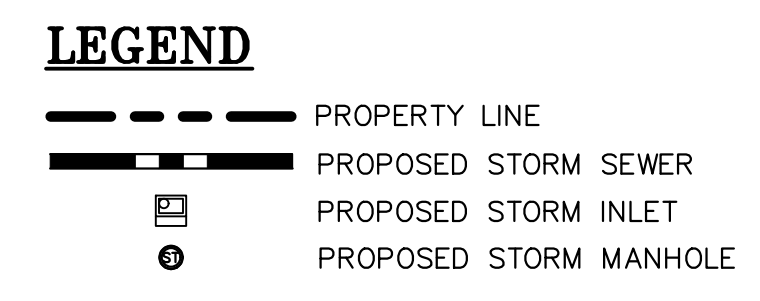
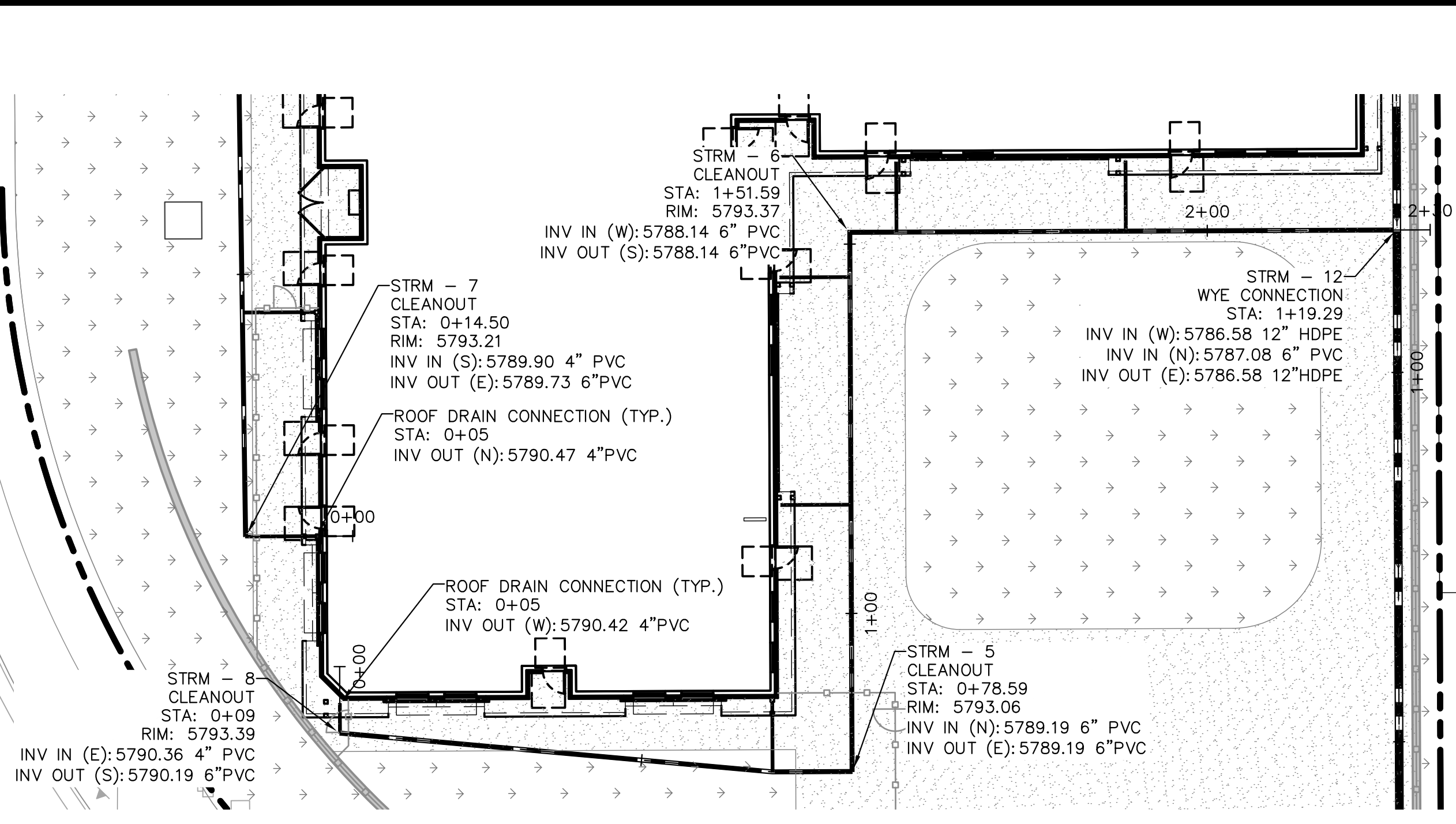
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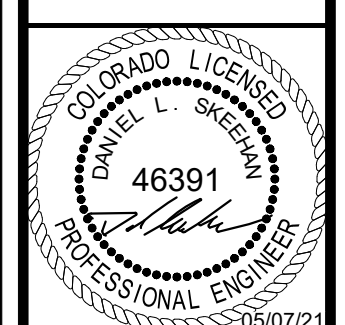
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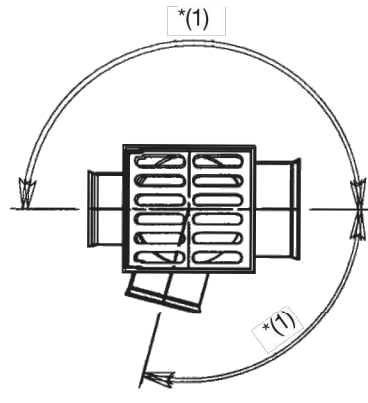
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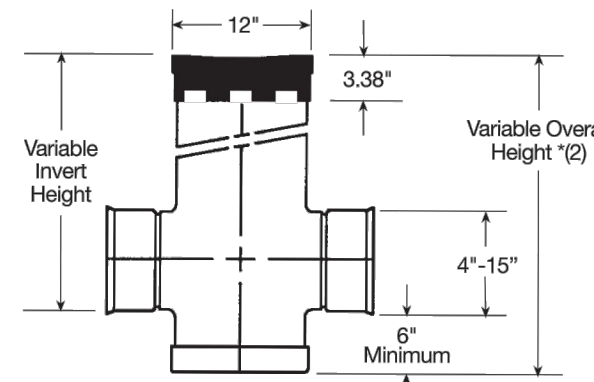
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### 12" & 15" Drain Basins

Part/Prefix	Product Description	Available Outlets
2812AG_X	12" Custom Basin	4" thru 12"
2815AG_X	15" Custom Basin	4" thru 15"

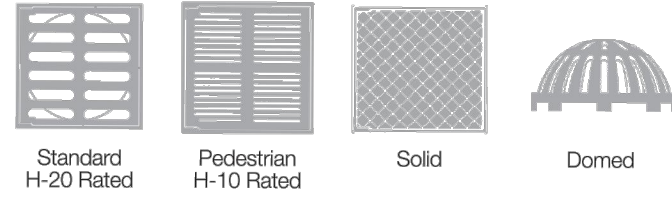


(1) Adapters can be mounted on any angle 0° to 359°. To determine minimum angle between adapters please see chart on page (1).



(2) Maximum recommended overall height 10'

**12" & 15" Grate Options**  
Light Duty Bronze Grate Available (see pg. 23-24)  
Standard H-20 Rated  
Pedestrian H-10 Rated  
Solid  
Domed



Nyloplast

ADS

### 36" (900 MM) STORM MANHOLE SPECIFICATION

**SCOPE**  
This specification describes the 36" (900 mm) Storm Manhole for use in underground stormwater applications.

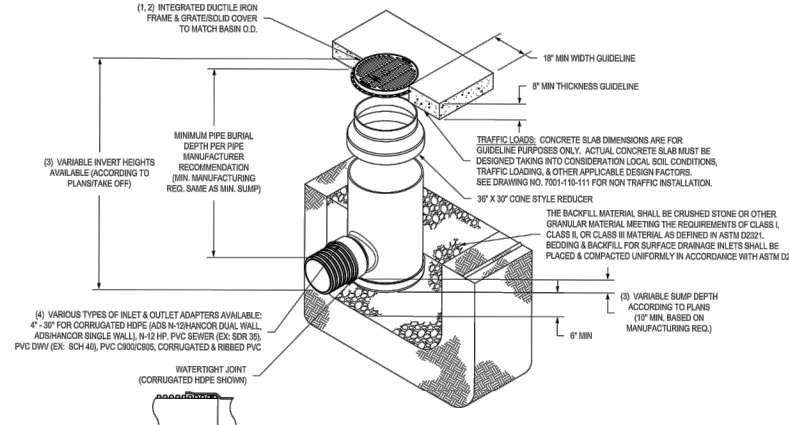
**JOINT PROPERTIES**  
36" (900 mm) Storm Manholes and their reducing cones shall be manufactured from PVC pipe stock, utilizing a thermforming process to reform the pipe stock to the specified configuration. The raw material used to manufacture the pipe stock that is used to manufacture the main body and pipe stubs of the surface drainage inlets shall conform to ASTM D1784 cell class 12454.

Gaskets shall be made from material meeting the requirements of ASTM F477. Ductile iron used in the manufacture of the castings shall conform to ASTM A536 grade 70-50-05. Grates and covers shall be provided painted black.

**PERFORMANCE**  
The drainage pipe connection stubs shall be manufactured from PVC pipe stock and formed to provide a watertight connection with the specified pipe system. This joint tightness shall conform to ASTM D3212 for joints for drain and sewer plastic pipe using flexible elastomeric seats. Grates for drain basins shall be capable of supporting various wheel loads as specified by Nyloplast.

**INSTALLATION**  
36" Storm Manholes shall be installed using conventional flexible pipe backfill materials and procedures. The backfill material shall be crushed stone or other granular material meeting the requirements of Class 1, Class 2, or Class 3 materials as defined in ASTM D2321. Bedding and backfill for surface drainage inlets shall be well placed and compacted uniformly in accordance with ASTM D2321. Contact Nyloplast Engineering in Buford, GA for installation recommendations.

### 36" STORM MANHOLE



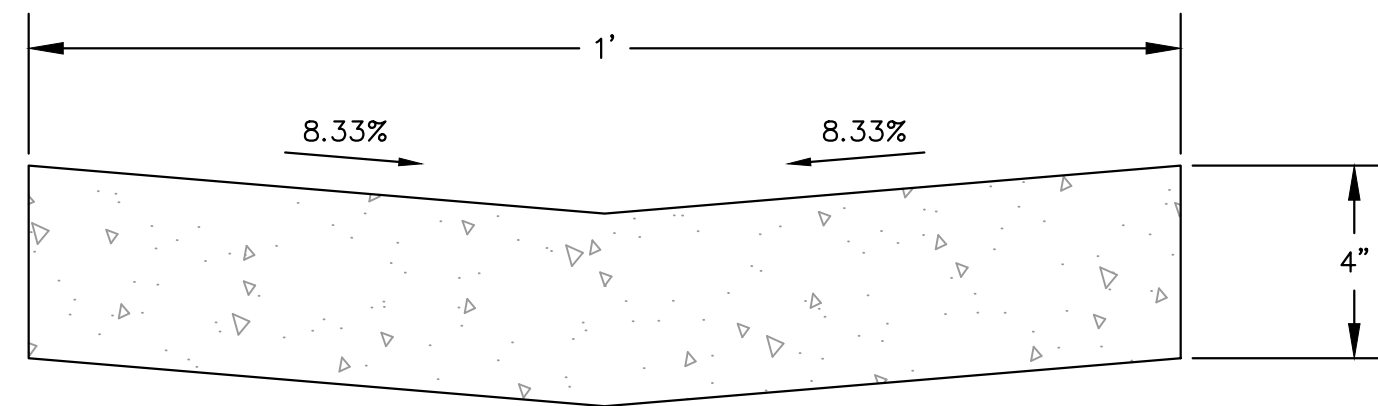
Ask a local representative for a complete listing of specifications, details and pricing. Visit [www.nyloplast-us.com](http://www.nyloplast-us.com) or call 866-888-8479 for project support.

THE MOST ADVANCED NAME IN WATER MANAGEMENT SOLUTIONS™

The ADS logo and the Green Strips are registered trademarks of Advanced Drainage Systems, Inc. Nyloplast is a registered trademark of Nyloplast, Inc. © 2018 Advanced Drainage Systems, Inc. #18092, 03/18/18

Try the Online Drain Basin Configurator at [www.basinconfigurator.com](http://www.basinconfigurator.com). Create a custom drain basin in minutes and get the documentation needed to specify parts and get pricing.

Advanced Drainage Systems, Inc.  
[www.ads-pipe.com](http://www.ads-pipe.com)  
[www.nyloplast-us.com](http://www.nyloplast-us.com)



### CONCRETE SWALE DETAIL

N.T.S.

NOTES:

- MINIMUM COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 4500 PSI.
- SUBGRADE TO MEET MINIMUM REQUIREMENT FOR STANDARD DUTY CONCRETE PAVEMENT AND GEOTECHNICAL RECOMMENDATIONS.



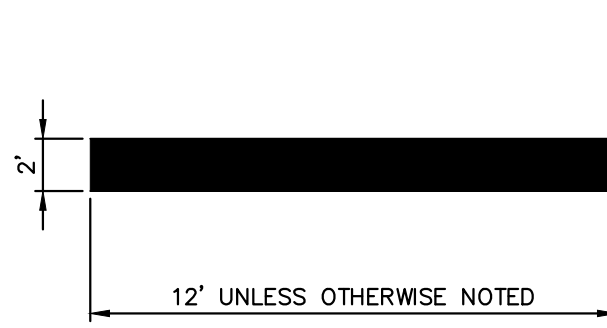
12" x 18" MINIMUM SIZE

NOTE:

- SIGN SHALL BE MOUNTED ON TOP OF A BOLLARD.

### MUTCD R7-8 ACCESSIBLE PARKING SIGN

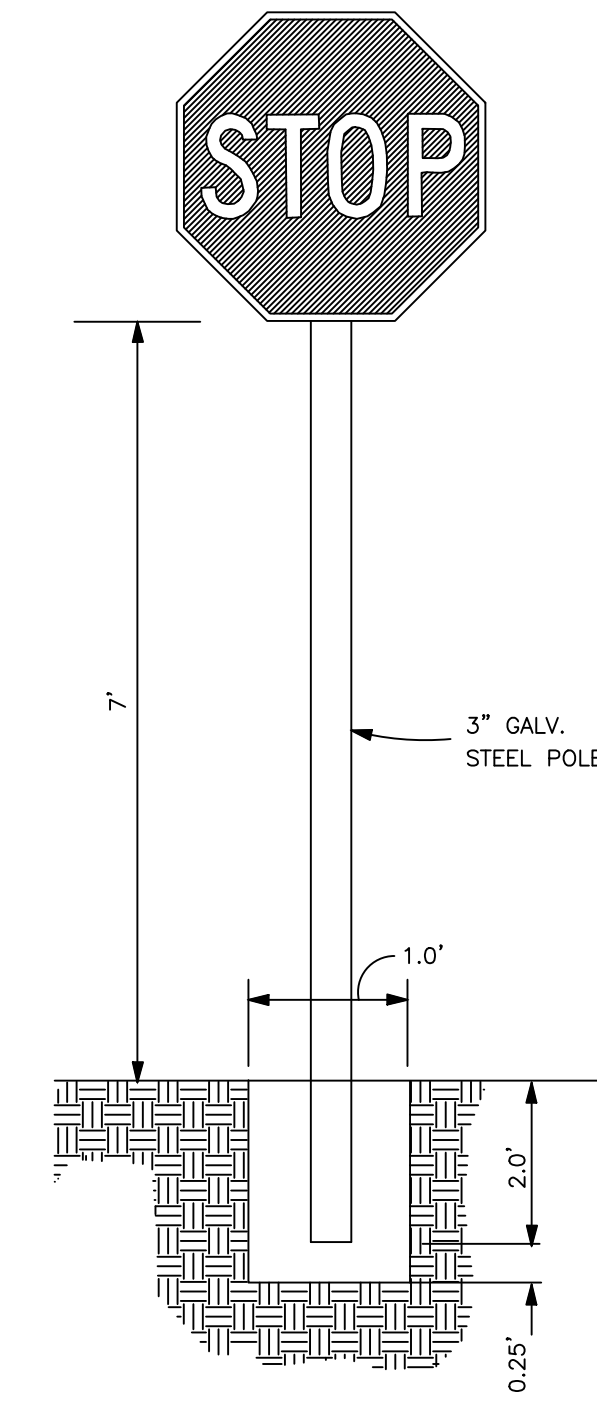
N.T.S.



NOTE:  
1. ALL TRAFFIC MARKINGS TO BE THERMOPLASTIC AS PER DIMENSIONS SHOWN.

### STOP BAR DETAIL

N.T.S.



NOTES:

- ALL SIGNS SHALL CONFORM WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR COLOR, SIZE, REFLECTIVITY, AND HEIGHT.
- SIGNS TO PLACE AS SHOWN ON THE PLANS.
- FOR SIGNS NOT PROTECTED BY A STANDARD PARKING BUMPER OR BEHIND THE CURB PLACE STEEL POLE IN BOLLARD PER THE HANDICAP PARKING SIGN DETAIL.

### SIGN POST DETAIL

NOT TO SCALE



12" x 18" MINIMUM SIZE

NOTE:

- SIGN SHALL BE MOUNTED ON TOP OF A BOLLARD.

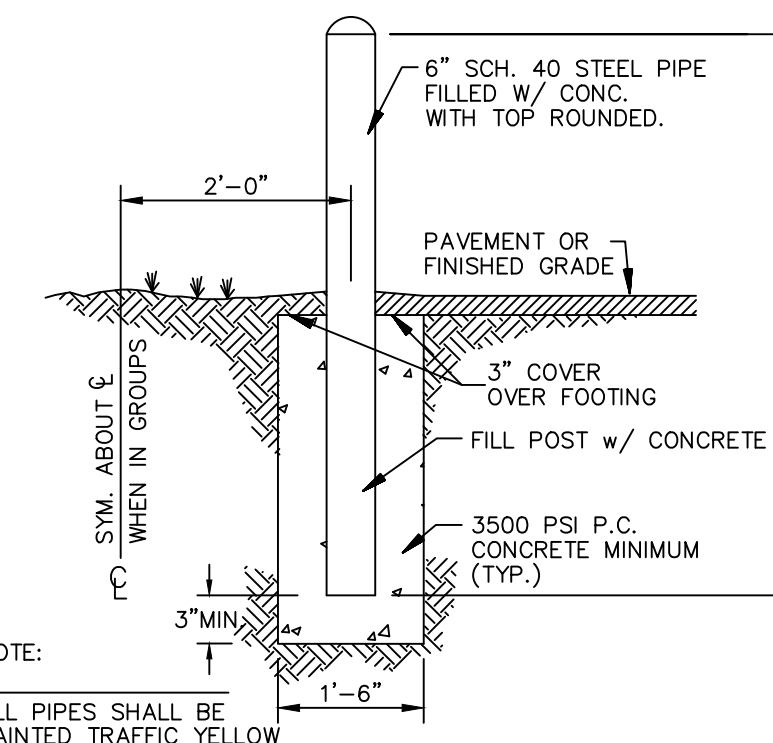
### MUTCD R7-8 ACCESSIBLE PARKING SIGN

N.T.S.



### NO PARKING FIRE LANE - R8-31

N.T.S.

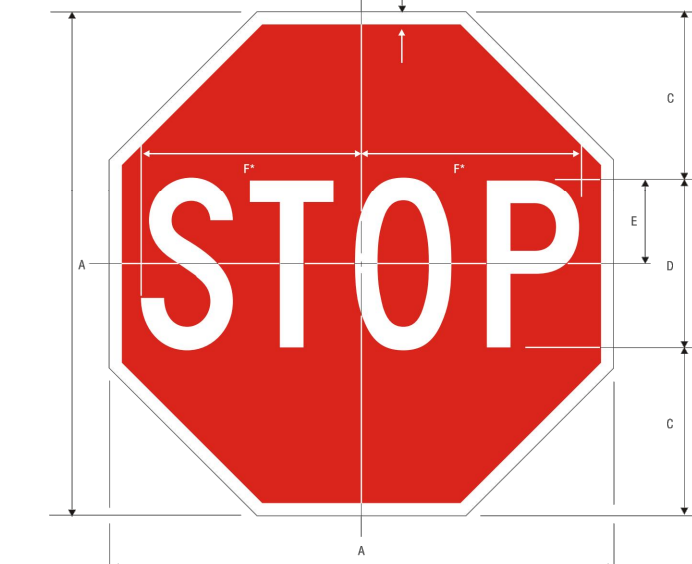


NOTE:

- ALL PIPES SHALL BE PAINTED TRAFFIC YELLOW

### PIPE BOLLARD

N.T.S.



RED SIGN

A	B	C	D	E	F
10	375	6	50	3	17.5
24	865	8	50	4	10
36	78	10	50	5	10.5
36	875	12	50	6	10
48	125	10	50	6	20

COLORS: LEGEND - WHITE (RETROREFLECTIVE)  
BACKGROUND - RED (RETROREFLECTIVE)

### STOP SIGN - R1-1

N.T.S.

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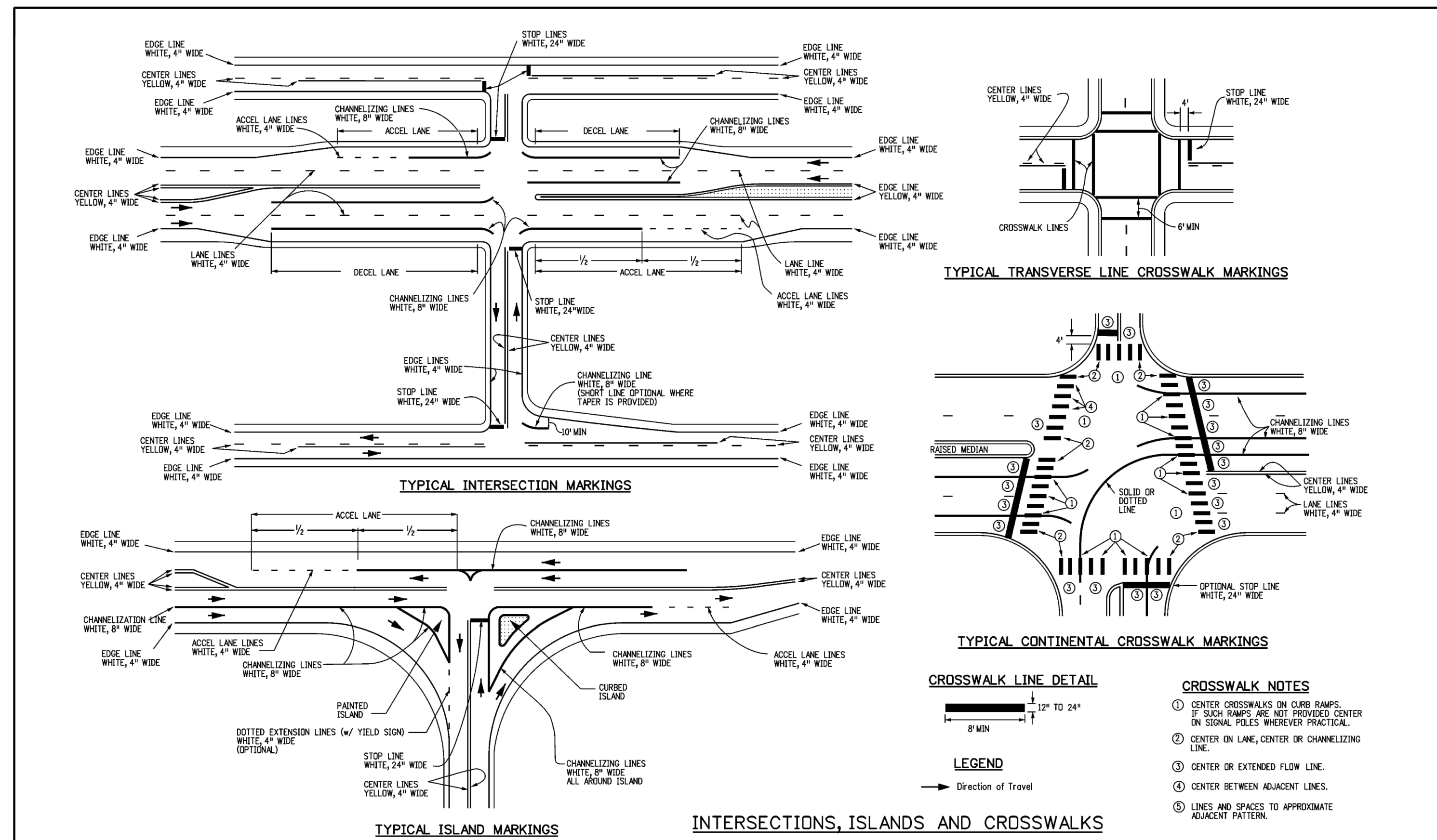
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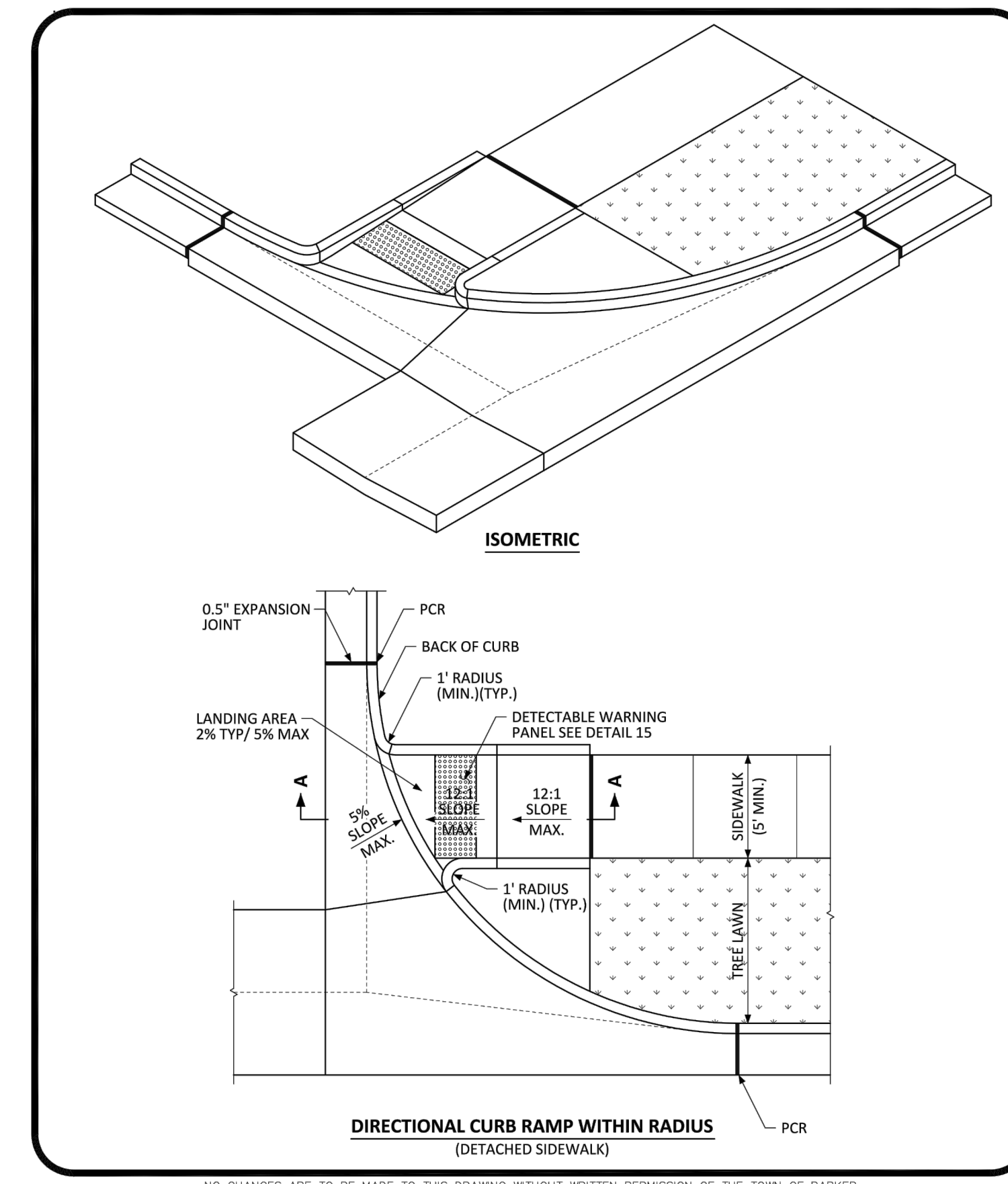
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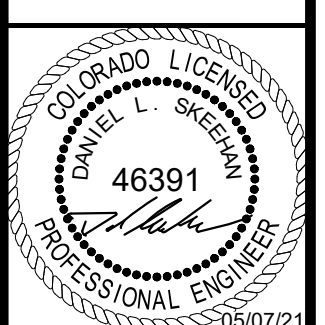
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