

# BARBARICK RECYCLING AND REFUSE TRANSFER STATION

A PORTION OF THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE 6TH P.M.  
CITY OF COLORADO SPRINGS, COUNTY OF EL PASO, STATE OF COLORADO

CONSTRUCTION DOCUMENTS  
NOVEMBER 2023

### OWNER'S STATEMENT

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN AND ALL OF THE SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS.

OWNER SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

BRIAN BELAND  
BR 8812 CLIFF ALLEN POINT LLC  
PO BOX 88120  
COLORADO SPRINGS CO 80908-8120

### ENGINEER'S STATEMENT

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

ERIC GUNDERSON, PE (CO #49487) — KIMLEY-HORN AND ASSOCIATES, INC. DATE \_\_\_\_\_

### EL PASO COUNTY REVIEW STATEMENT

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.

FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL VOLUMES 1 AND 2, AND ENGINEERING CRITERIA MANUAL, AS AMENDED.

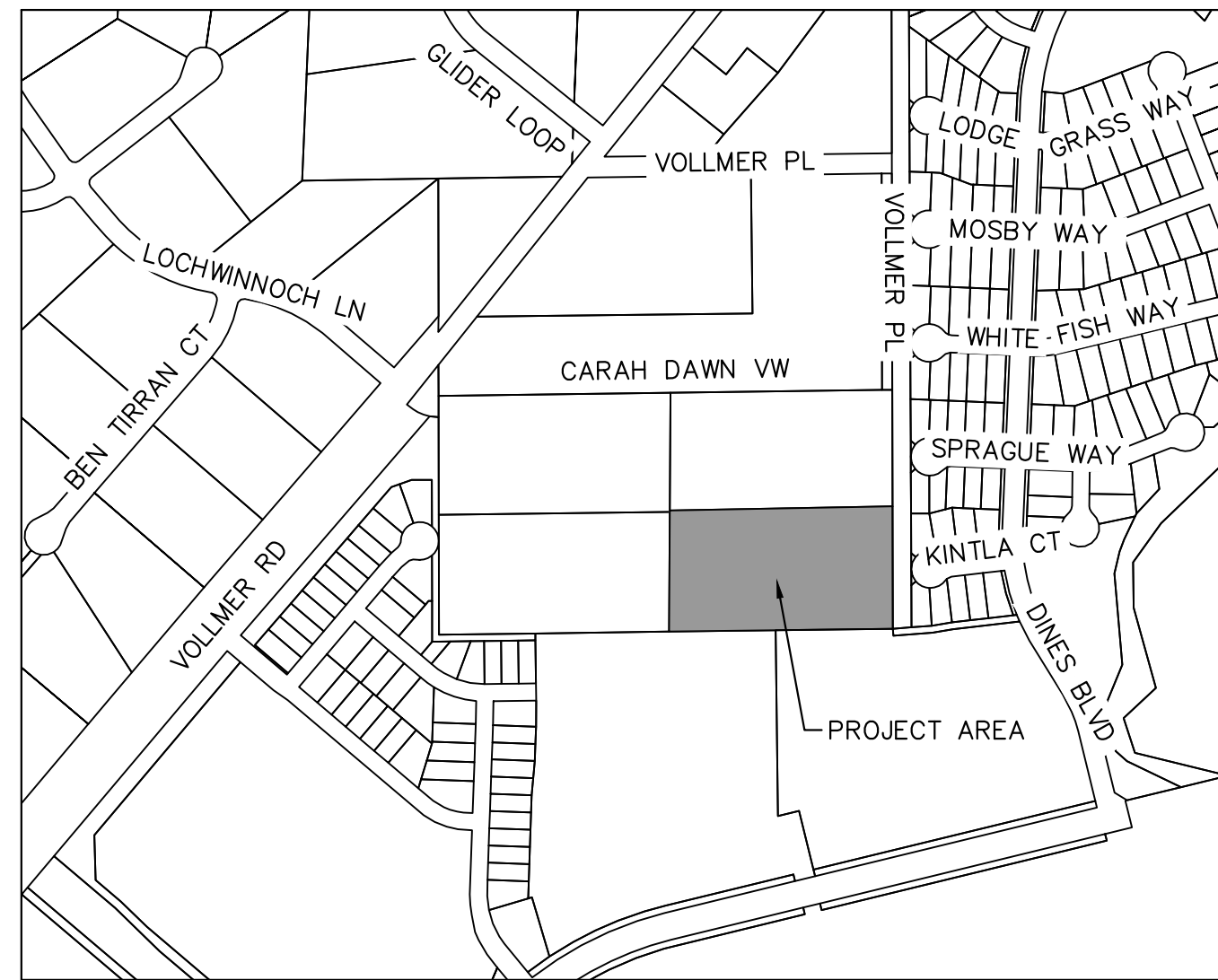
IN ACCORDANCE WITH ECM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTOR'S DISCRETION.

JOSHUA PALMER, PE COUNTY ENGINEER/ECM ADMINISTRATOR \_\_\_\_\_ DATE \_\_\_\_\_

### GENERAL NOTE

THE PARTIES RESPONSIBLE FOR THIS PLAN HAVE FAMILIARIZED THEMSELVES WITH ALL CURRENT ACCESSIBILITY CRITERIA AND SPECIFICATIONS AND THE PROPOSED PLAN REFLECTS ALL THE SITE ELEMENTS REQUIRED BY THE APPLICABLE ADA DESIGN STANDARDS AND GUIDELINES AS PUBLISHED BY THE UNITED STATES DEPARTMENT OF JUST. APPROVAL OF THIS PLAN BY EL PASO COUNTY DOES NOT ASSURE COMPLIANCE WITH THE ADA OR ANY REGULATIONS OR GUIDELINES ENACTED OR PROMULGATED UNDER OR WITH RESPECT TO SUCH LAWS.

This note should be on the site development plan.



VICINITY MAP  
SCALE: 1"=500'

### SHEET INDEX

SHEET NO.	SHEET TITLE
C0.0	COVER SHEET
C1.0	DEMOLITION PLAN
C1.1	OVERALL SITE PLAN
C1.2	SITE PLAN INSETS
C2.0	OVERALL GRADING PLAN
C2.1	DETAILED GRADING PLAN
C2.2	DETAILED GRADING PLAN
C3.0	OVERALL STORM PLAN
C3.1	STORM PLAN & PROFILE
C3.2	STORM PLAN & PROFILE
C3.3	STORM PLAN & PROFILE
C3.4	ROOF DRAIN PLAN
C4.0	UTILITY PLAN
C5.0	SIGNAGE & STRIPING PLAN
C5.1	SIGNAGE & STRIPING DETAILS
C6.0	CONSTRUCTION DETAILS
C6.1	CONSTRUCTION DETAILS
C6.2	SCALE DETAIL
L7.0	LANDSCAPE PLAN
L7.1	LANDSCAPE NOTES
L7.2	LANDSCAPE DETAILS

### LEGAL DESCRIPTION

PARCEL A:  
LOT 4, AMENDED PLAT OF BARBARICK SUBDIVISION, COUNTY OF EL PASO, STATE OF COLORADO.

CONTAINING 5.290 ACRES (230,442 S.F.), MORE OR LESS.

PARCEL B:  
A NON-EXCLUSIVE INGRESS AND EGRESS EASEMENT AS SET FORTH AND DESCRIBED IN DECLARATION AND BYLAWS OF BARBARICK SUBDIVISION PROPERTY OWNERS ASSOCIATES, INC., RECORDED FEBRUARY 12, 2008 UNDER RECEPTION NO. 208016289 AS AMENDED BY INSTRUMENT RECORDED MARCH 10, 2008 UNDER RECEPTION NO. 208028000.

LEASED PARCEL: 3.297 ACRES

### BENCHMARK

4' DIAMETER PRECAST CONCRETE STORM SEWER MANHOLE RIM LOCATED IN THE SOUTHEASTERLY PORTION OF THE PROPERTY; ELEVATION = 7027.34 "NGVD 1929 AND THE 1960 SUPPLEMENTARY ADJUSTMENT" DATUM.

### FEMA CLASSIFICATION

THIS PROPERTY IS LOCATED WITHIN THE ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS DETERMINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, FLOOD INSURANCE RATE MAP NO. 08041C0533G, EFFECTIVE DATE DECEMBER 7, 2018.

### CONTACTS

**OWNER:**  
BRIAN BELAND, BR 8812 CLIFF ALLEN POINT LLC  
PO BOX 88120  
COLORADO SPRINGS CO 80908-8120  
TEL: (719) 499-0208  
CONTACT: BRIAN BELAND

**APPLICANT:**  
RICHARD GRAHAM JR, GR INVESTMENTS LLC  
4615 NORTHPARK DRIVE  
COLORADO SPRINGS CO 80918  
TEL: (719) 499-0208  
CONTACT: RICHARD GRAHAM JR

**EL PASO COUNTY:**  
EL PASO COUNTY  
POD DEPARTMENT  
2880 INTERNATIONAL CIRCLE, SUITE 110  
COLORADO SPRINGS, CO 80910  
PHONE: (719) 520-6300

**ENGINEER:**  
KIMLEY-HORN AND ASSOCIATES, INC.  
2 NEVADA NORTH AVE., SUITE 900  
COLORADO SPRINGS, CO 80903  
TEL: (719) 453-0182  
CONTACT: ERIC GUNDERSON, P.E.

**ARCHITECT:**  
BUCHER DESIGN STUDIO, INC.  
12325 ORACLE BLVD, SUITE 101  
COLORADO SPRINGS, CO 80921  
(719) 484-0480  
CONTACT: JASON SHOUDIS

**LANDSCAPE ARCHITECT:**  
KIMLEY-HORN AND ASSOCIATES, INC.  
2 NEVADA NORTH AVE., SUITE 900  
COLORADO SPRINGS, CO 80903  
(719) 284-7280  
CONTACT: JIM HOUK

**SURVEYOR:**  
LAND DEVELOPMENT CONSULTANTS, INC.  
3898 MAIZELAND ROAD  
COLORADO SPRINGS, CO 80909  
TEL: (719) 528-6133  
CONTACT: DAVID V. HOSTETLER

**Kimley»Horn**  
2023 KIMLEY-HORN AND ASSOCIATES, INC.  
2 North Nevada Avenue Suite 900  
Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: EJG  
DRAWN BY: RES  
CHECKED BY: EJG  
DATE: 12/5/2023

BARBARICK WASTE TRANSFER STATION  
EL PASO COUNTY, COLORADO  
CONSTRUCTION DOCUMENTS  
COVER SHEET

PRELIMINARY  
FOR REVIEW ONLY  
NOT FOR  
CONSTRUCTION  
**Kimley»Horn**  
Kimley-Horn and Associates, Inc.

PROJECT NO.  
196489000

SHEET

C0.0



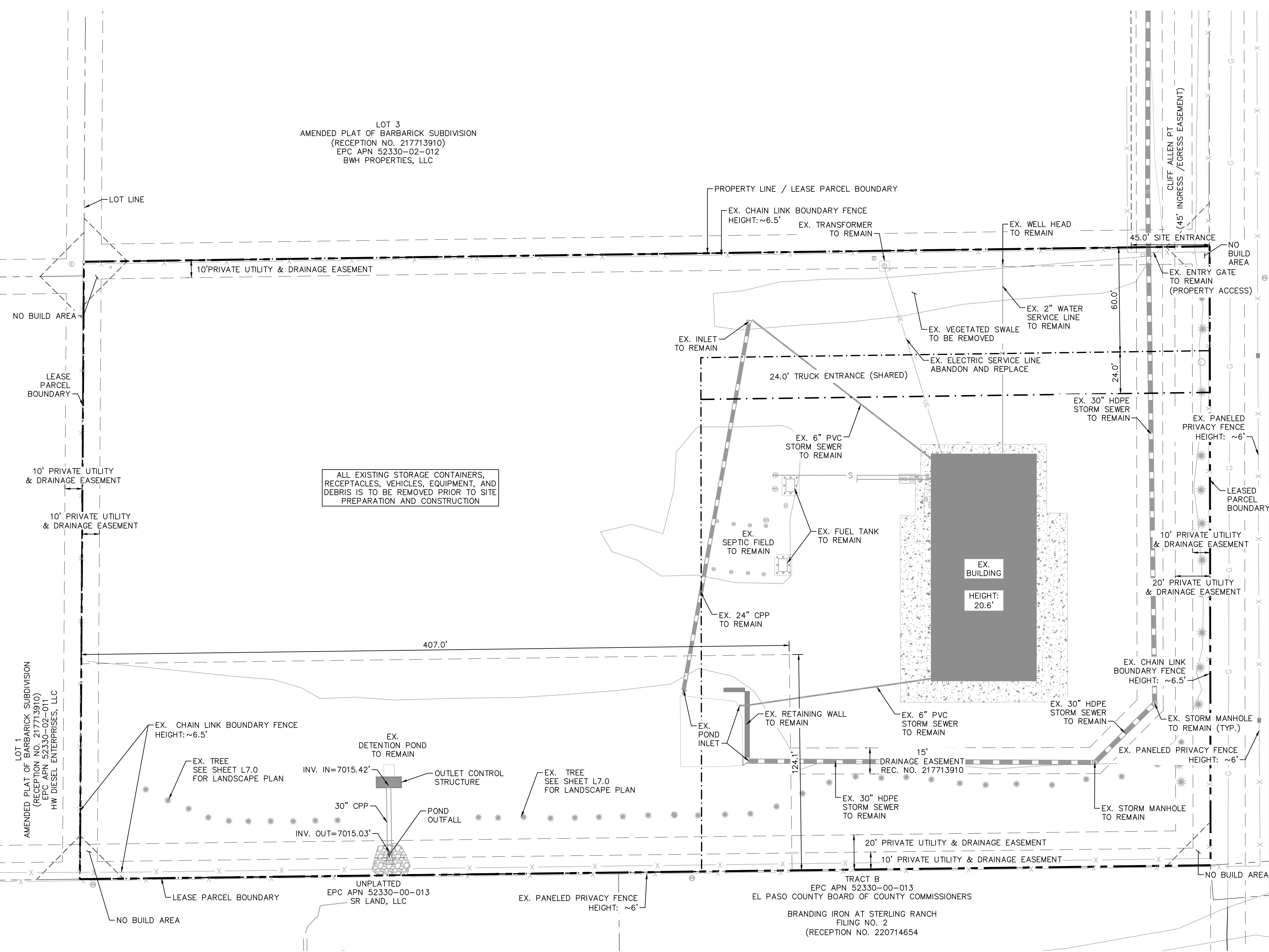
COM2346

PCD FILE NO. CDR-XX-XXX



K:\COS\_Civil\196489000\_Barbarick Waste Transfer\CADD\PlanSheets\CDS\CD\_DEMO\_196489000.dwg Schmelbach, Ryan 12/5/2023 3:58 PM

LOT 3  
AMENDED PLAT OF BARBARICK SUBDIVISION  
(RECEPTION NO. 217713910)  
EPC APN 52330-02-012  
BWH PROPERTIES, LLC



ALL EXISTING STORAGE CONTAINERS, RECEPTACLES, VEHICLES, EQUIPMENT, AND DEBRIS IS TO BE REMOVED PRIOR TO SITE PREPARATION AND CONSTRUCTION

**LEGEND**

---	PROPERTY LINE
-.-.-	LEASED PARCEL BOUNDARY
- - - -	EX. UTILITY & DRAINAGE EASEMENT
X	EX. FENCE
---	EX. STORM SEWER
G	EX. GAS MAIN
*	EX. VEGETATION
⊕	EX. TRANSFORMER

**NOTES**

1. SITE PREPARATION SHALL TAKE PLACE PER THE GEOTECHNICAL SUBSURFACE SOIL INVESTIGATION, BY RMG - ROCKY MOUNTAIN GROUP, DATED OCTOBER 23, 2023.

Please label Cliff Allen Point

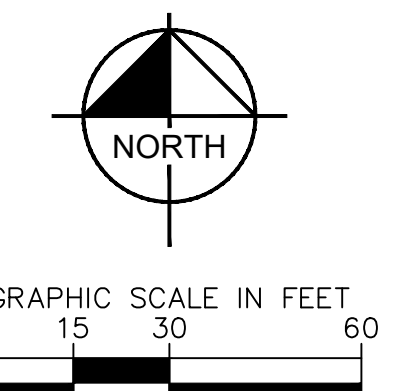
**Kimley»Horn**  
2023 KIMLEY-HORN AND ASSOCIATES, INC.  
2 North Nevada Avenue Suite 900  
Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: E.J.G.  
DRAWN BY: RES  
CHECKED BY: E.J.G.  
DATE: 12/5/2023

BARBARICK WASTE TRANSFER STATION  
EL PASO COUNTY, COLORADO  
CONSTRUCTION DOCUMENTS  
DEMOLITION PLAN

**PRELIMINARY**  
FOR REVIEW ONLY  
NOT FOR  
CONSTRUCTION  
**Kimley»Horn**  
Kimley-Horn and Associates, Inc.

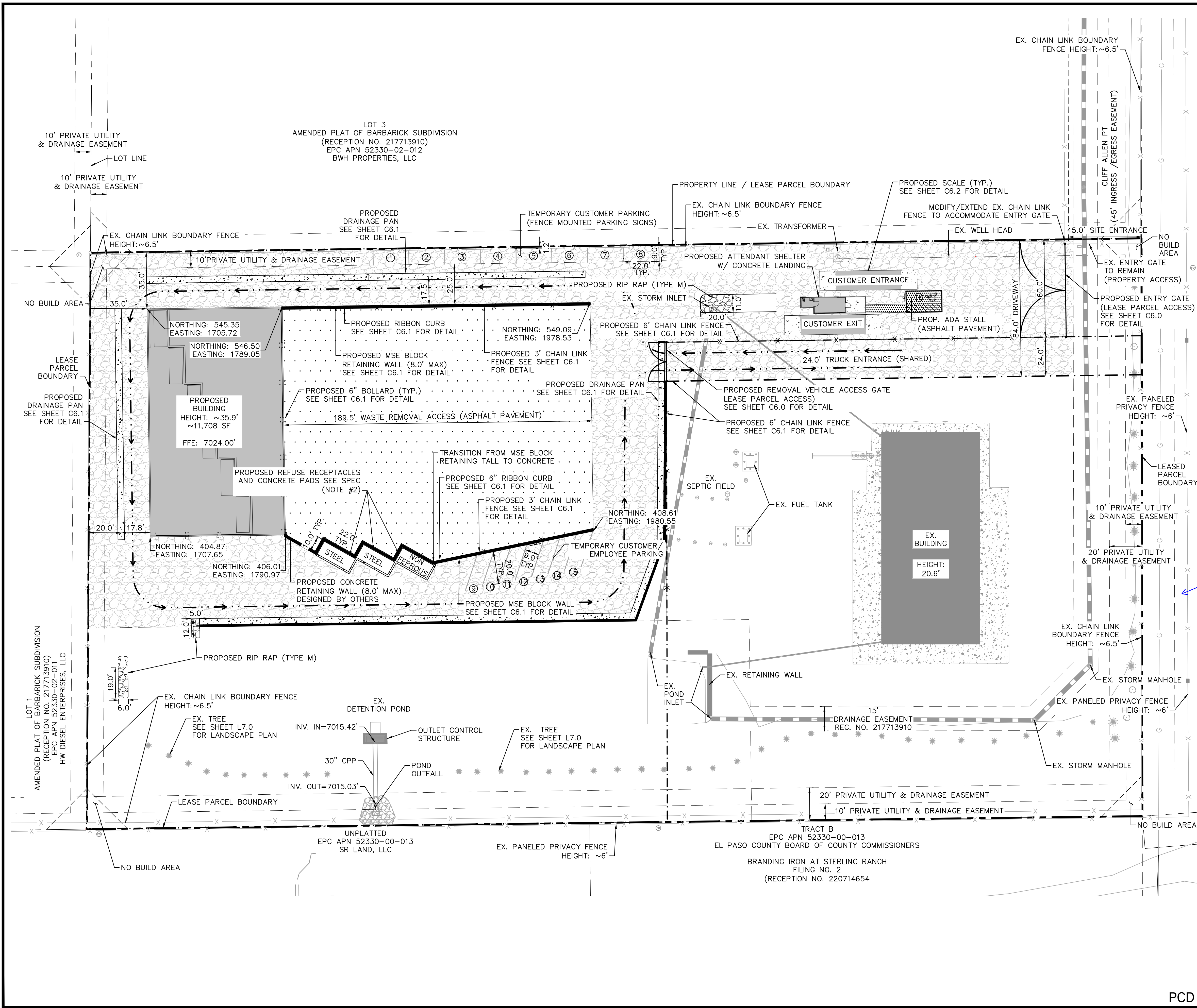
PROJECT NO.  
196489000  
SHEET  
**C1.0**



PCD FILE NO. CDR-XX-XXX



K:\COS\_Civil\196489000\_Barbarick Waste Transfer\CADD\PlanSheets\CDs\DP\_SP-196489000.dwg Schmelbach, Ryan 12/5/2023 3:58 PM



**LEGEND**

- PROPERTY LINE
- - - LEASED PARCEL BOUNDARY
- - - EX. UTILITY & DRAINAGE EASEMENT
- PROPOSED TRUCK TRAFFIC FLOW
- X EX. FENCE
- EX. STORM SEWER
- G EX. GAS MAIN
- EX. VEGETATION
- ⊕ EX. TRANSFORMER
- X PROPOSED CHAIN LINK FENCE
- ▨ PROPOSED ASPHALT
- ▩ PROPOSED CONCRETE
- ▧ PROPOSED 10" COMPACTED ROAD BASE
- ⊙ PROPOSED PARKING

**SPECIFICATIONS**

1. ALL CONCRETE FLATWORK AND SCALE FOUNDATIONS SHOULD BE IN ACCORDANCE WITH CDOT CLASS D CONCRETE PER TABLE 601-1 OF SECTION 601 OF THE 2022 CDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. CONCRETE RECEPTACLE PADS TO BE 8" REINFORCED CDOT CLASS D CONCRETE W/ #4 BARS @ 18" O.C.E.W.
3. PAVEMENT DESIGN PENDING GEOTECHNICAL RECOMMENDATION
4. ALL DRIVABLE SURFACES NOT SPECIFIED AS CONCRETE OR ASPHALT PAVEMENT ARE TO BE 10" COMPACTED ROAD BASE (CDOT CLASS 5 OR APPROVED EQUIVALENT)

**NOTES**

- \* SEE SHEET C1.2 FOR DETAILED SITE PLAN INSETS.

Please label Cliff Allen Point



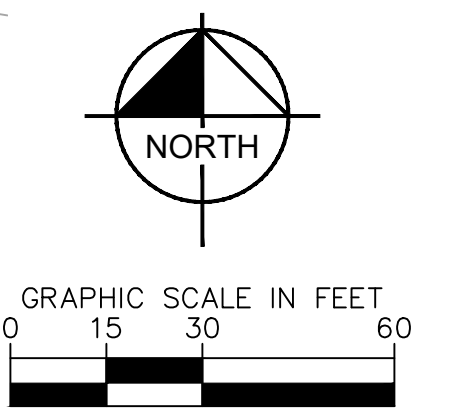
DESIGNED BY: E.J.G.  
DRAWN BY: RES  
CHECKED BY: E.J.G.  
DATE: 12/5/2023

BARBARICK WASTE TRANSFER STATION  
EL PASO COUNTY, COLORADO  
CONSTRUCTION DOCUMENTS  
OVERALL SITE PLAN

PRELIMINARY  
FOR REVIEW ONLY  
NOT FOR  
CONSTRUCTION  
**Kimley-Horn**  
Kimley-Horn and Associates, Inc.

PROJECT NO.  
196489000  
SHEET

C1.1

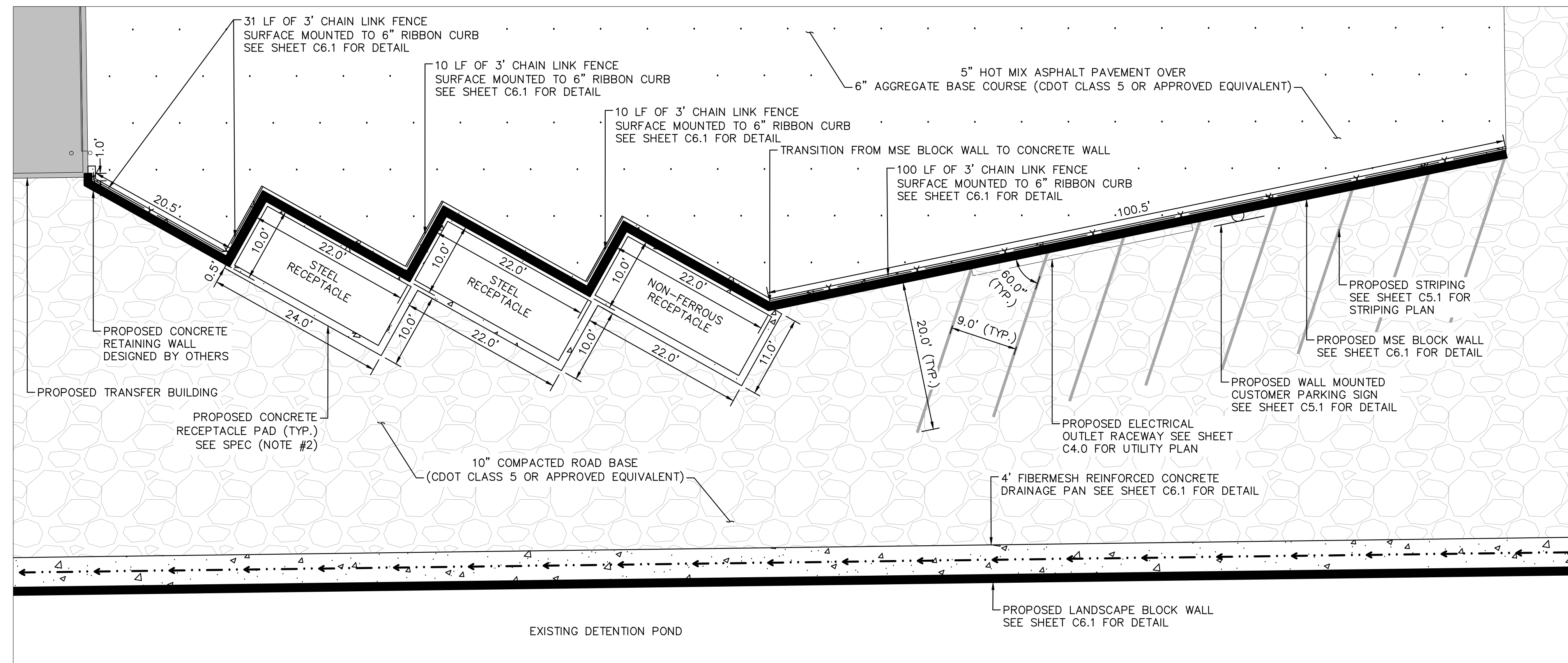


CALL UTILITY NOTIFICATION  
CENTER OF COLORADO  
1-800-922-1987  
CALL 2-BUSINESS DAYS IN ADVANCE  
BEFORE YOU DIG, GRADE, OR EXCAVATE  
FOR THE MARKING OF UNDERGROUND  
MEMBER UTILITIES

PCD FILE NO. CDR-XX-XXX



K:\COS\_Civil\196489000\_Barbarick Waste Transfer\CADD\PlanSheets\CDs\DP\_SP-INSET-196489000.dwg Schmelbach, Ryan 12/5/2023 3:58 PM

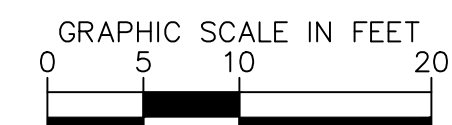
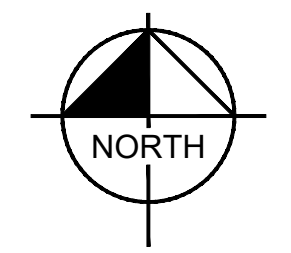
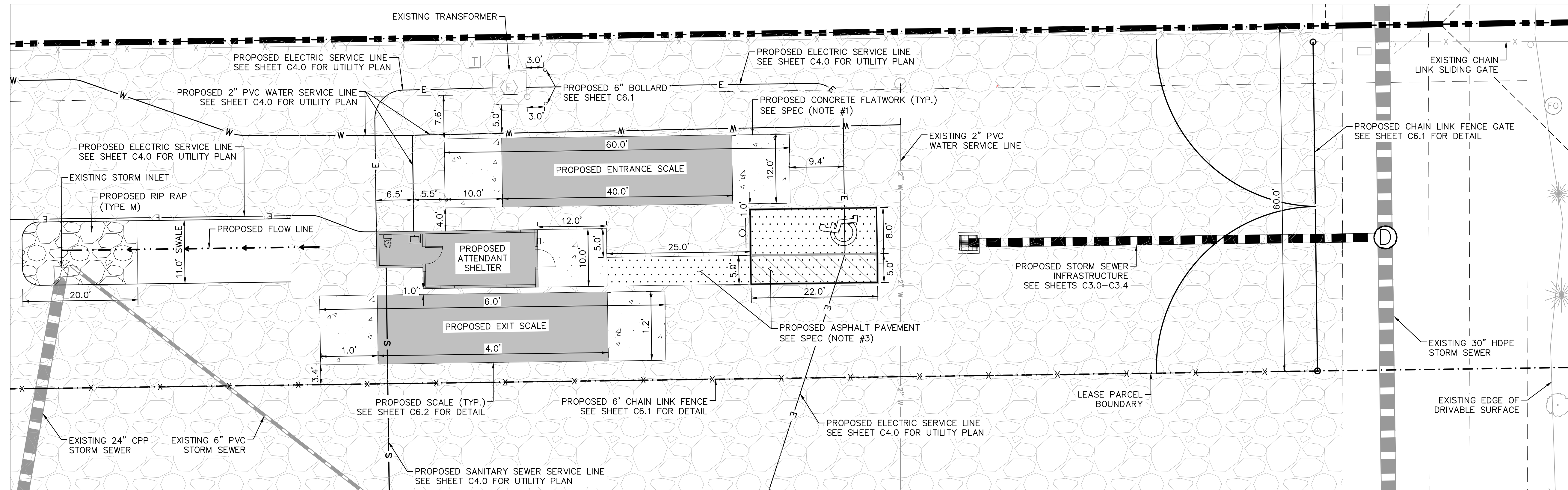


**LEGEND**

- — — — — PROPERTY LINE
- - - - - LEASED PARCEL BOUNDARY
- - - - - EX. UTILITY & DRAINAGE EASEMENT
- PROPOSED TRUCK TRAFFIC FLOW
- X EX. FENCE
- — — — — EX. STORM SEWER
- G EX. GAS MAIN
- EX. VEGETATION
- ⊕ EX. TRANSFORMER
- X PROPOSED CHAN LINK FENCE
- [Pattern] PROPOSED ASPHALT
- [Pattern] PROPOSED CONCRETE
- [Pattern] PROPOSED 10" COMPACTED ROAD BASE
- ⊕ PROPOSED PARKING

**SPECIFICATIONS**

1. ALL CONCRETE FLATWORK AND SCALE FOUNDATIONS SHOULD BE IN ACCORDANCE WITH CDOT CLASS D CONCRETE PER TABLE 601-1 OF SECTION 601 OF THE 2022 CDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. CONCRETE RECEPTACLE PADS TO BE 8" REINFORCED CDOT CLASS D CONCRETE (OR APPROVED EQUIVELANT) W/ #4 BARS @ 18" O.C.E.W.
3. PAVEMENT DESIGN PENDING GEOTECHNICAL RECOMMENDATION
4. ALL DRIVABLE SURFACES NOT SPECIFIED AS CONCRETE OR ASPHALT PAVEMENT ARE TO BE 10" COMPACTED ROAD BASE (CDOT CLASS 5 OR APPROVED EQUIVALENT)



PCD FILE NO. CDR-XX-XXX



CALL UTILITY NOTIFICATION  
CENTER OF COLORADO  
1-800-922-1987  
CALL 2-BUSINESS DAYS IN ADVANCE  
BEFORE YOU DIG, GRADE, OR EXCAVATE  
FOR THE MARKING OF UNDERGROUND  
MEMBER UTILITIES

**Kimley»Horn**  
2023 KIMLEY-HORN AND ASSOCIATES, INC.  
2 North Nevada Avenue Suite 900  
Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: E:JG  
DRAWN BY: RES  
CHECKED BY: E:JG  
DATE: 12/5/2023

BARBARICK WASTE TRANSFER STATION  
EL PASO COUNTY, COLORADO  
CONSTRUCTION DOCUMENTS  
SITE PLAN INSETS

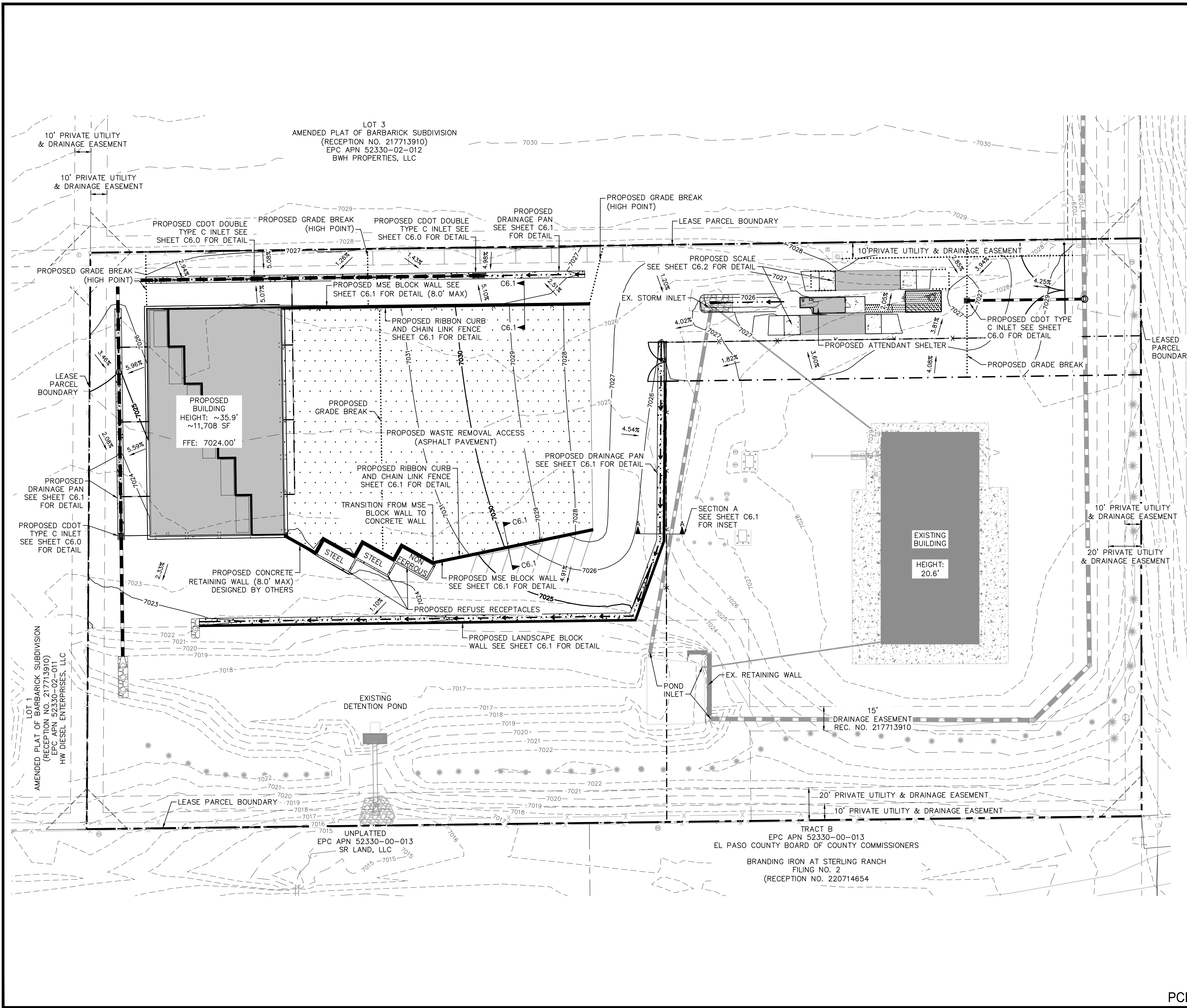
PRELIMINARY  
FOR REVIEW ONLY  
NOT FOR  
CONSTRUCTION  
**Kimley»Horn**  
Kimley-Horn and Associates, Inc.

PROJECT NO.  
196489000

SHEET  
**C1.2**



K:\COS\_Civil\196489000\_Barbarick Waste Transfer\CADD\PlanSheets\CDs\CD\_OVR\_CD-196489000.dwg Schmelbach, Ryan 12/5/2023 3:58 PM



**LEGEND**

	PROPERTY LINE
	LEASED PARCEL BOUNDARY
	EXISTING UTILITY & DRAINAGE EASEMENT
	EXISTING FENCE
	EXISTING STORM SEWER
	EXISTING GAS MAIN
	EXISTING VEGETATION
	EXISTING TRANSFORMER
	PROPOSED STORM INLET
	PROPOSED ASPHALT
	PROPOSED CONCRETE
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	PROPOSED FLOW LINE
	GRADE BREAK LINE
	FINISHED GRADE
	MATCH EXISTING
	FINISHED FLOOR ELEVATION (1ST FLOOR)
	FINISHED FLOOR ELEVATION (2ND FLOOR)
	LOW POINT
	HIGH POINT
	TOP OF WALL
	BOTTOM OF WALL
	TOP OF SLAB (SCALE)

- NOTES**
- PRIVATE CURB RAMPS ON THE SITE SHALL CONFORM TO ADA STANDARDS
  - ALL ACCESSIBLE ROUTES, GENERAL SITE AND BUILDING ELEMENTS, RAMPS, STRIPING AND PAVEMENT MARKINGS SHALL CONFORM TO ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION
  - BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA) EXISTING TO AND FROM THE PROPOSED ATTENDANT SHELTER TO THE ACCESSIBLE PARKING SPACE.
  - ACCESSIBLE RAMP SLOPES SHALL NOT EXCEED 1 VERTICAL TO 12 HORIZONTAL
  - ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2.0% SLOW IN ANY DIRECTION
  - CONTRACTOR SHALL TAKE FIELD SLOPE MEASUREMENTS ON FINISHED SUBGRADE AND FORM BOARDS PRIOR TO PLACING PAVEMENT TO VERIFY THAT ADA SLOPE REQUIREMENTS ARE PROVIDED. CONTRACTOR SHALL CONTACT ENGINEER OF RECORD PRIOR TO PAVING IF ANY EXCESSIVE SLOPES ARE ENCOUNTERED. NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR ADA SLOPE COMPLIANCE ISSUES.

**Kimley»Horn**  
 2023 KIMLEY-HORN AND ASSOCIATES, INC.  
 2 North Nevada Avenue Suite 900  
 Colorado Springs, Colorado 80903 (719) 453-0180

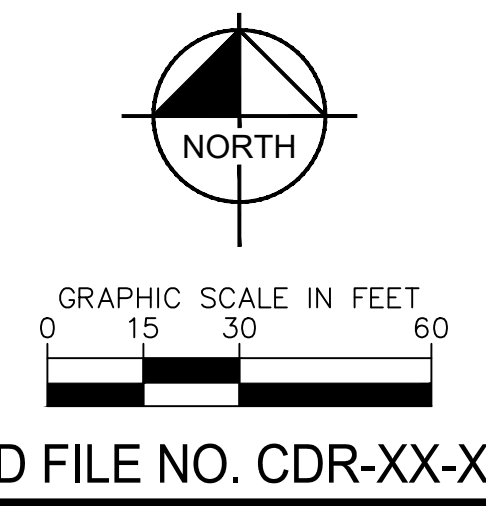
DESIGNED BY: E:JG  
 DRAWN BY: RES  
 CHECKED BY: E:JG  
 DATE: 12/5/2023

BARBARICK WASTE TRANSFER STATION  
 EL PASO COUNTY, COLORADO  
 CONSTRUCTION DOCUMENTS  
 OVERALL GRADING PLAN

**PRELIMINARY**  
 FOR REVIEW ONLY  
 NOT FOR  
 CONSTRUCTION  
**Kimley»Horn**  
 Kimley-Horn and Associates, Inc.

PROJECT NO.  
 196489000  
 SHEET

**C2.0**

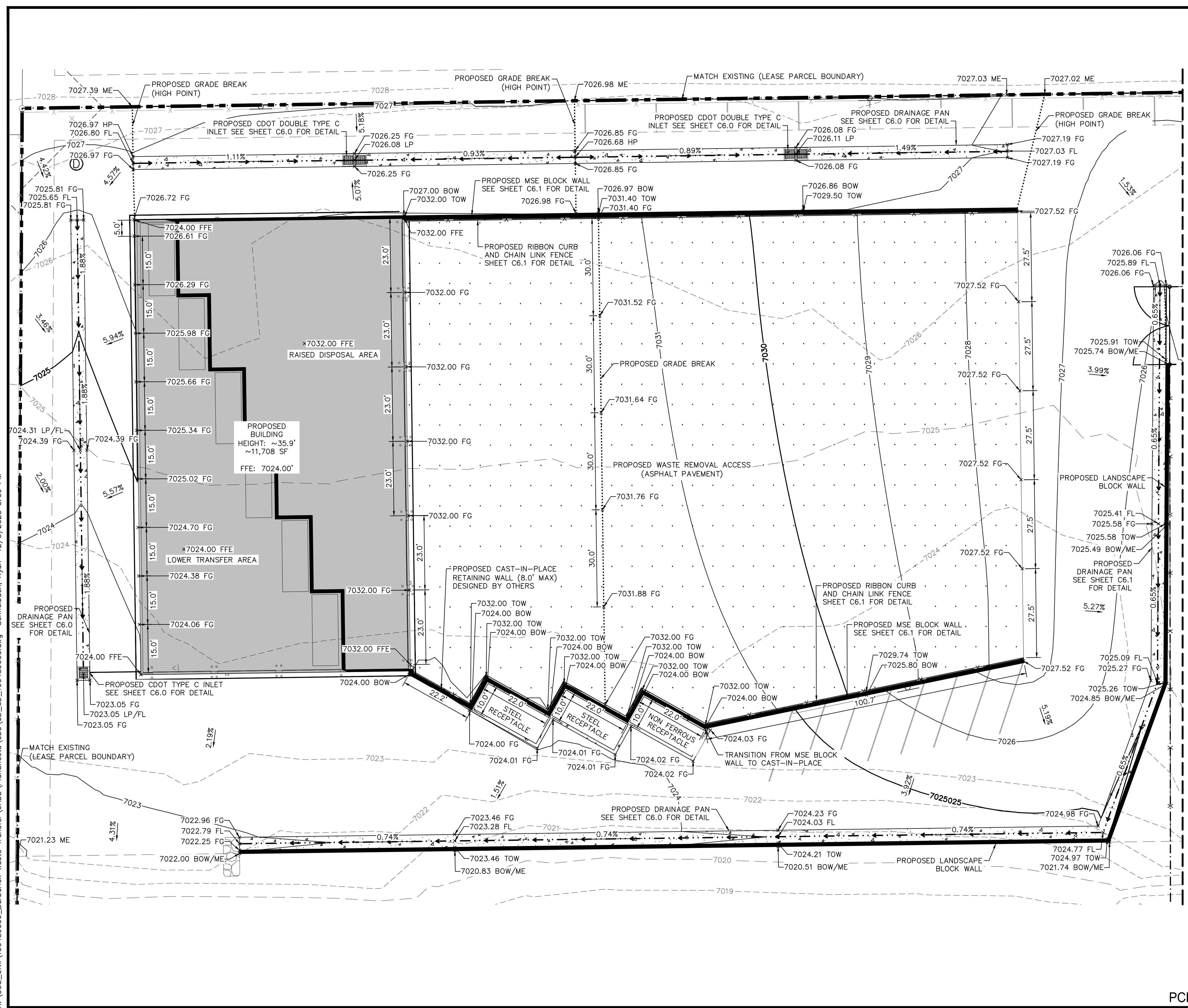


CALL UTILITY NOTIFICATION  
 CENTER OF COLORADO  
 1-800-922-1987  
 CALL 2-BUSINESS DAYS IN ADVANCE  
 BEFORE YOU DIG, GRADE, OR EXCAVATE  
 FOR THE MARKING OF UNDERGROUND  
 MEMBER UTILITIES

PCD FILE NO. CDR-XX-XXX



K:\COS\_Civil\196489000\_Barbarick Waste Transfer\CADD\PlanSheets\CDS\CD\_CD\_196489000.dwg Schmelbach, Ryan 12/5/2023 3:59 PM

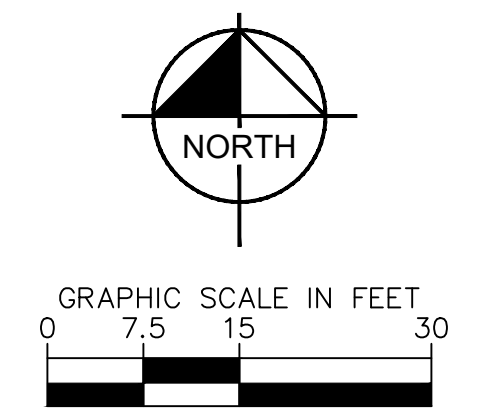


LEGEND

Legend table with symbols for property line, leased parcel boundary, existing utility & drainage easement, existing fence, existing storm sewer, existing gas main, existing vegetation, existing transformer, proposed storm inlet, proposed asphalt, proposed concrete, contours, and grade break lines.

NOTES

- 1. PRIVATE CURB RAMPS ON THE SITE SHALL CONFORM TO ADA STANDARDS
2. ALL ACCESSIBLE ROUTES, GENERAL SITE AND BUILDING ELEMENTS, RAMPS, STRIPING AND PAVEMENT MARKINGS SHALL CONFORM TO ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION
3. BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA) EXISTING TO AND FROM THE PROPOSED ATTENDANT SHELTER TO THE ACCESSIBLE PARKING SPACE.
4. ACCESSIBLE RAMP SLOPES SHALL NOT EXCEED 1 VERTICAL TO 12 HORIZONTAL
5. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2.0% SLOW IN ANY DIRECTION
6. CONTRACTOR SHALL TAKE FIELD SLOPE MEASUREMENTS ON FINISHED SUBGRADE AND FORM BOARDS PRIOR TO PLACING PAVEMENT TO VERIFY THAT ADA SLOPE REQUIREMENTS ARE PROVIDED. CONTRACTOR SHALL CONTACT ENGINEER OF RECORD PRIOR TO PAVING IF ANY EXCESSIVE SLOPES ARE ENCOUNTERED. NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR ADA SLOPE COMPLIANCE ISSUES.



DESIGNED BY: E.J.G.
DRAWN BY: RES
CHECKED BY: E.J.G.
DATE: 12/5/2023

BARBARICK WASTE TRANSFER STATION
EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
DETAILED GRADING PLAN

PRELIMINARY
FOR REVIEW ONLY
NOT FOR CONSTRUCTION

PROJECT NO. 196489000

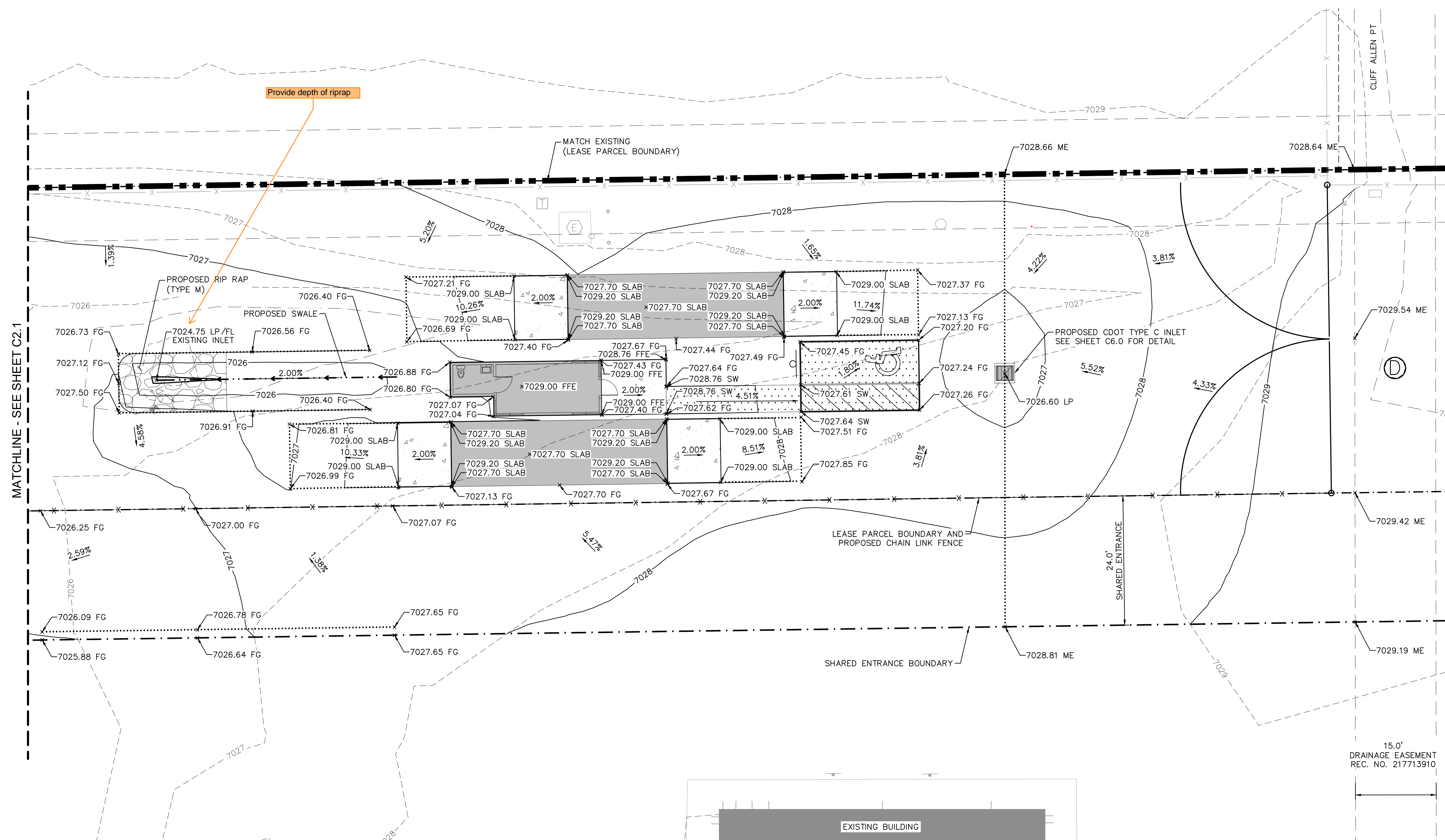
SHEET

C2.1

PCD FILE NO. CDR-XX-XXX



K:\COS\_Civil\196489000\_Barbarick Waste Transfer\CADD\PlanSheets\CDs\CD\_196489000.dwg Schmelbach, Ryan 12/5/2023 3:59 PM



MATCHLINE - SEE SHEET C2.1

Provide depth of riprap

MATCH EXISTING (LEASE PARCEL BOUNDARY)

LEASE PARCEL BOUNDARY AND PROPOSED CHAIN LINK FENCE

24'-0" SHARED ENTRANCE

15.0' DRAINAGE EASEMENT REC. NO. 217713910



**LEGEND**

- — — — — PROPERTY LINE
- . - . - . LEASED PARCEL BOUNDARY
- - - - - EXISTING UTILITY & DRAINAGE EASEMENT
- X — — — — EXISTING FENCE
- — — — EXISTING STORM SEWER
- G — — — — EXISTING GAS MAIN
- \* — — — — EXISTING VEGETATION
- ⊕ — — — — EXISTING TRANSFORMER
- — — — — PROPOSED STORM INLET

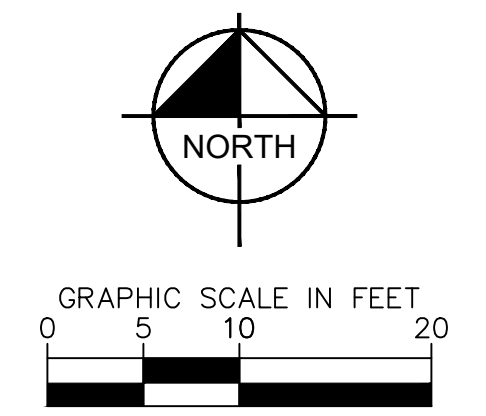
- ▨ — — — — PROPOSED ASPHALT
- ▨ — — — — PROPOSED CONCRETE
- - - - - 70XX — — — — EXISTING MAJOR CONTOUR
- - - - - 70XX — — — — EXISTING MINOR CONTOUR
- — — — 70XX — — — — PROPOSED MAJOR CONTOUR
- — — — 70XX — — — — PROPOSED MINOR CONTOUR
- — — — — PROPOSED FLOW LINE
- — — — — GRADE BREAK LINE

**ABBREVIATIONS**

- FG FINISHED GRADE
- ME MATCH EXISTING
- FFE FINISHED FLOOR ELEVATION
- LP LOW POINT
- HP HIGH POINT
- TOW TOP OF WALL
- BOW BOTTOM OF WALL
- SLAB TOP OF SLAB

**NOTES**

1. PRIVATE CURB RAMPS ON THE SITE SHALL CONFORM TO ADA STANDARDS
2. ALL ACCESSIBLE ROUTES, GENERAL SITE AND BUILDING ELEMENTS, RAMPS, STRIPING AND PAVEMENT MARKINGS SHALL CONFORM TO ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION
3. BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA) EXISTING TO AND FROM THE PROPOSED ATTENDANT SHELTER TO THE ACCESSIBLE PARKING SPACE.
4. ACCESSIBLE RAMP SLOPES SHALL NOT EXCEED 1 VERTICAL TO 12 HORIZONTAL
5. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2.0% SLOW IN ANY DIRECTION
6. CONTRACTOR SHALL TAKE FIELD SLOPE MEASUREMENTS ON FINISHED SUBGRADE AND FORM BOARDS PRIOR TO PLACING PAVEMENT TO VERIFY THAT ADA SLOPE REQUIREMENTS ARE PROVIDED. CONTRACTOR SHALL CONTACT ENGINEER OF RECORD PRIOR TO PAVING IF ANY EXCESSIVE SLOPES ARE ENCOUNTERED. NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR ADA SLOPE COMPLIANCE ISSUES.



**811** Know what's below. Call before you dig.

CALL UTILITY NOTIFICATION CENTER OF COLORADO 1-800-922-1987  
CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

PCD FILE NO. CDR-XX-XXX

**Kimley»Horn**  
2023 KIMLEY-HORN AND ASSOCIATES, INC.  
2 North Nevada Avenue Suite 900  
Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: E.J.G.  
DRAWN BY: RES  
CHECKED BY: E.J.G.  
DATE: 12/5/2023

BARBARICK WASTE TRANSFER STATION  
EL PASO COUNTY, COLORADO  
CONSTRUCTION DOCUMENTS  
DETAILED GRADING PLAN

PRELIMINARY  
FOR REVIEW ONLY  
NOT FOR CONSTRUCTION  
**Kimley»Horn**  
Kimley-Horn and Associates, Inc.

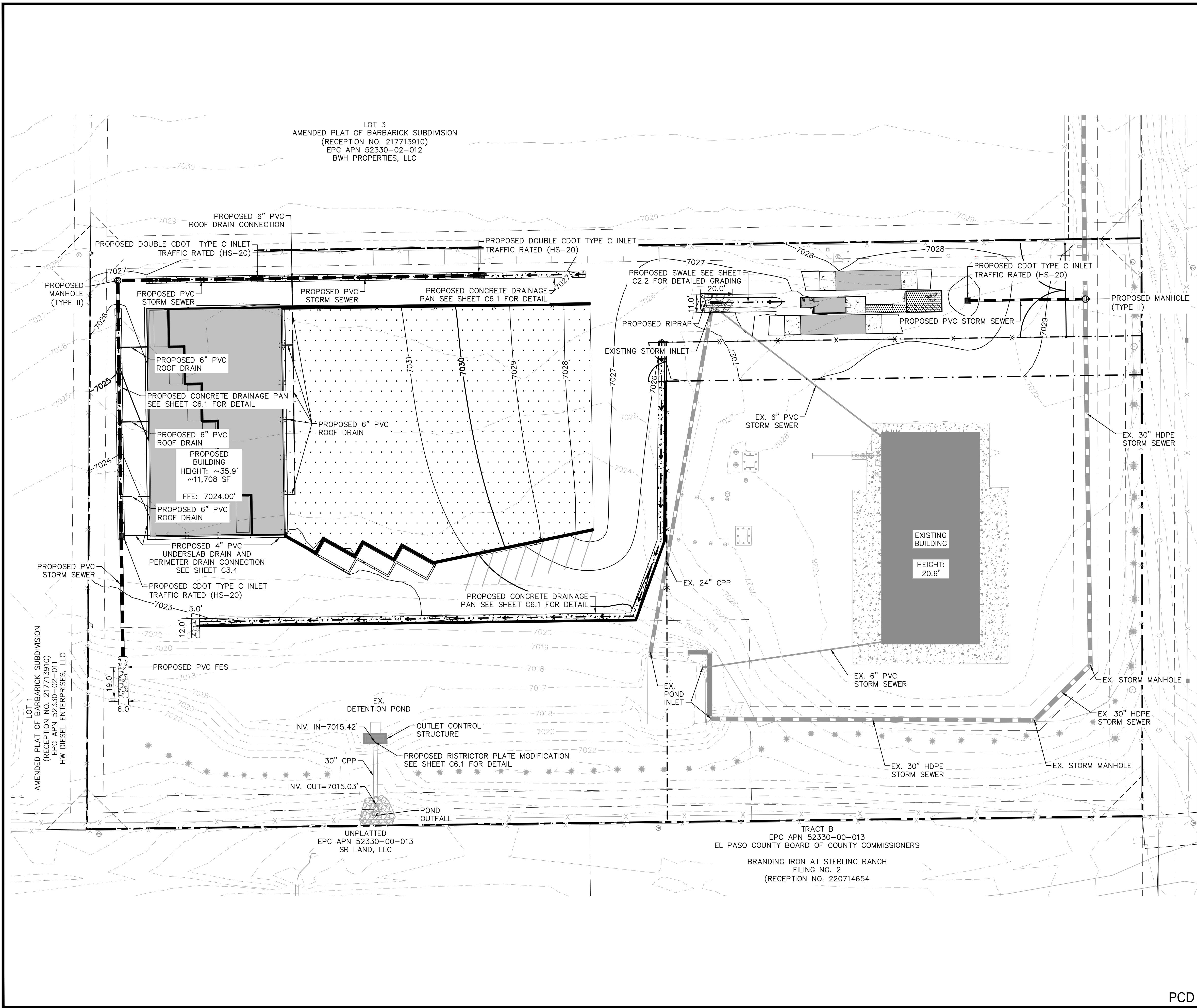
PROJECT NO.  
196489000

SHEET

C2.2



K:\COS\_Civil\196489000\_Barbarick Waste Transfer\CADD\PlanSheets\CDs\CD\_OVR\_STRM\_196489000.dwg Schmelbach, Ryan 12/5/2023 3:59 PM



LOT 3  
AMENDED PLAT OF BARBARICK SUBDIVISION  
(RECEPTION NO. 217713910)  
EPC APN 52330-02-012  
BWH PROPERTIES, LLC

LOT 1  
AMENDED PLAT OF BARBARICK SUBDIVISION  
(RECEPTION NO. 217713910)  
EPC APN 52330-02-011  
HW DIESEL ENTERPRISES, LLC

UNPLATTED  
EPC APN 52330-00-013  
SR LAND, LLC

TRACT B  
EPC APN 52330-00-013  
EL PASO COUNTY BOARD OF COUNTY COMMISSIONERS  
BRANDING IRON AT STERLING RANCH  
FILING NO. 2  
(RECEPTION NO. 220714654)

**LEGEND**

- PROPERTY LINE
- - - LEASED PARCEL BOUNDARY
- - - EXISTING UTILITY & DRAINAGE EASEMENT
- X EXISTING FENCE
- EXISTING STORM SEWER
- G EXISTING GAS MAIN
- EXISTING VEGETATION
- ⊗ EXISTING TRANSFORMER
- - - PROPOSED FLOW LINE
- PROPOSED STORM SEWER
- PROPOSED PERIMETER / UNDERSLAB DRAIN
- PROPOSED STORM INLET
- ▨ PROPOSED ASPHALT
- ▩ PROPOSED CONCRETE

**NOTES**

1. SEE SHEETS C3.1 - C3.3 FOR DETAILED STORM PLAN AND PROFILES
2. SEE SHEET C3.4 FOR DETAILED ROOF DRAIN PLAN
3. SEE SHEET C6.0 FOR INLET AND MANHOLE DETAILS
4. SEE SHEET C6.1 FOR CONCRETE DRAINAGE PAN DETAIL
5. ALL PROPOSED STORMWATER INFRASTRUCTURE DEPICTED ON THESE PLANS IS TO BE PRIVATELY OWNED AND MAINTAINED UNLESS OTHERWISE NOTED

**CAUTION NOTE**

1. CONTRACTOR SHALL MAINTAIN 1.5' OF VERTICAL SEPARATION AT ALL WET UTILITY CROSSINGS.
2. CONTRACTOR SHALL MAINTAIN 1.0' OF VERTICAL SEPARATION AT ALL DRY UTILITY CROSSINGS.

**Kimley»Horn**  
2023 KIMLEY-HORN AND ASSOCIATES, INC.  
2 North Nevada Avenue Suite 900  
Colorado Springs, Colorado 80903 (719) 453-0180

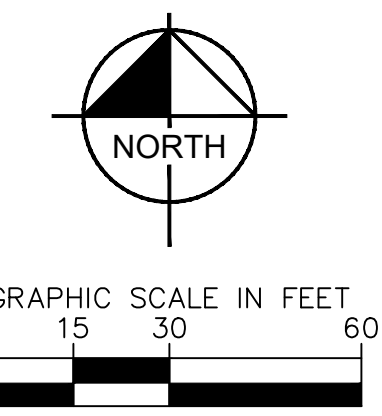
DESIGNED BY: EJJ  
DRAWN BY: RES  
CHECKED BY: EJJ  
DATE: 12/5/2023

BARBARICK WASTE TRANSFER STATION  
EL PASO COUNTY, COLORADO  
CONSTRUCTION DOCUMENTS  
OVERALL STORM PLAN

PRELIMINARY  
FOR REVIEW ONLY  
NOT FOR  
CONSTRUCTION  
**Kimley»Horn**  
Kimley-Horn and Associates, Inc.

PROJECT NO.  
196489000

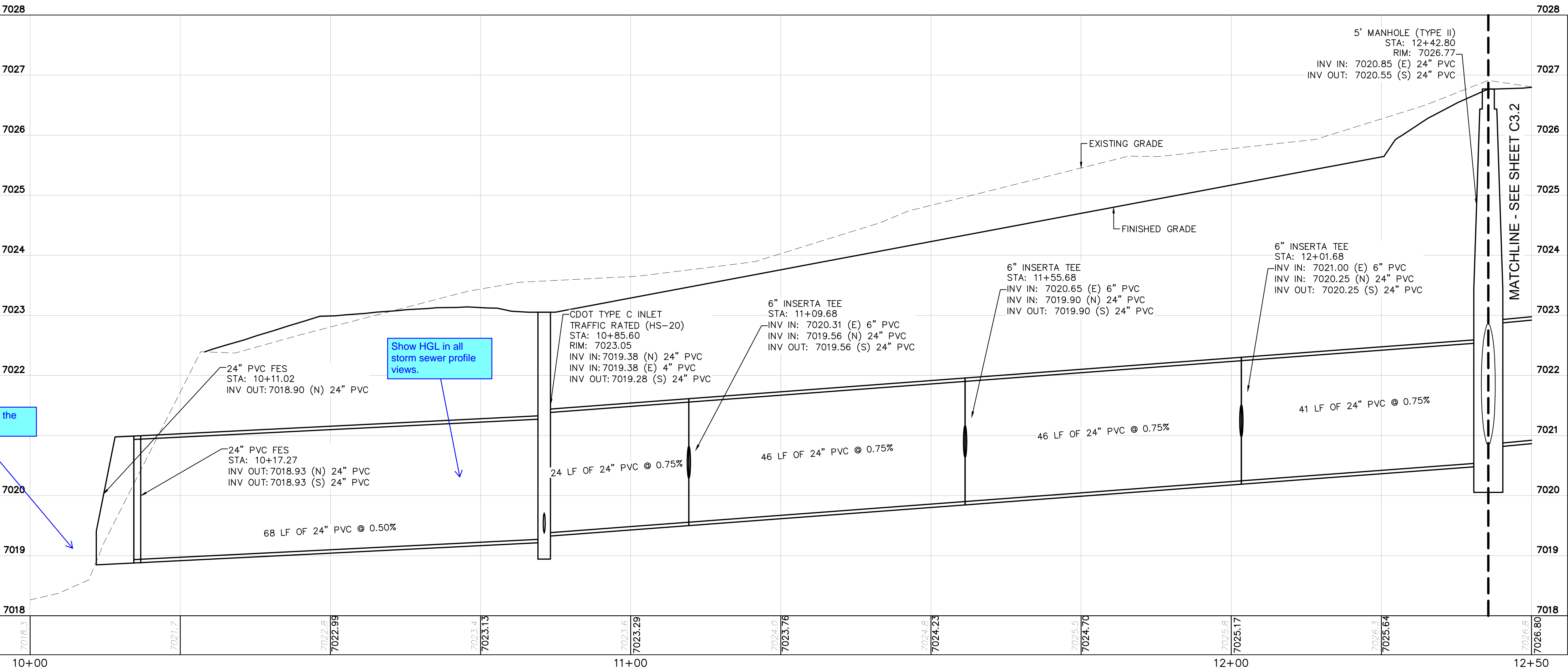
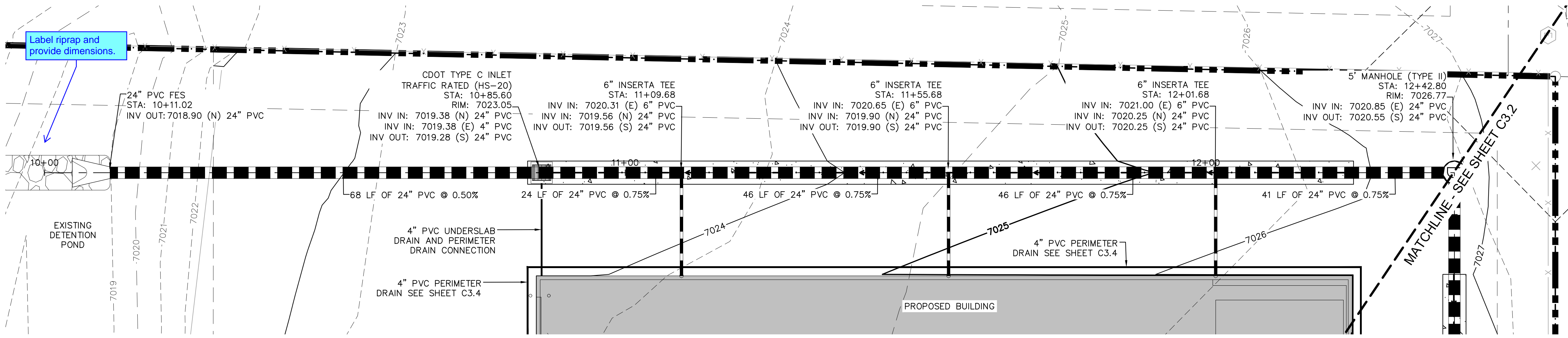
SHEET  
**C3.0**



PCD FILE NO. CDR-XX-XXX



K:\COS\_Civil\196489000\_Barbarick Waste Transfer\CADD\PlanSheets\CDs\CD\_STR-196489000.dwg Transfer\CADD\PlanSheets\CDs\CD\_STR 12/15/2023 3:59 PM Schmelbach, Ryan



NOTES

- SEE SHEET C3.4 FOR ROOF DRAIN PLAN
- ALL PROPOSED STORM INFRASTRUCTURE DEPICTED ON THESE PLANS IS TO BE PRIVATELY OWNED AND MAINTAINED UNLESS OTHERWISE NOTED

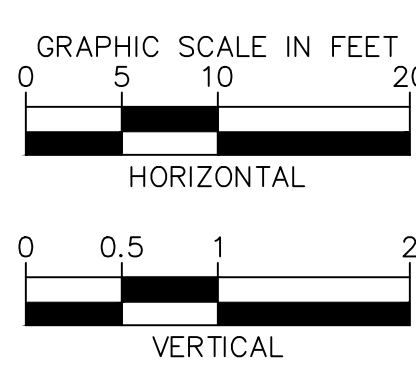
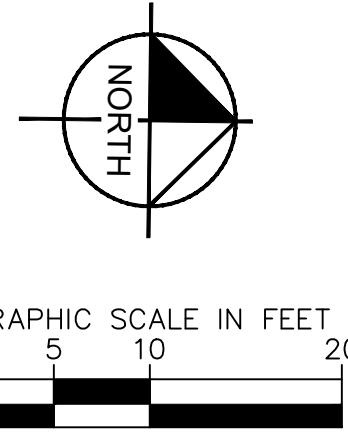
CAUTION NOTE

- CONTRACTOR SHALL MAINTAIN 1.5' OF VERTICAL SEPARATION AT ALL WET UTILITY CROSSINGS.
- CONTRACTOR SHALL MAINTAIN 1.0' OF VERTICAL SEPARATION AT ALL DRY UTILITY CROSSINGS.

Show riprap in the profile view.

Show HGL in all storm sewer profile views.

Label riprap and provide dimensions.



**Kimley»Horn**  
2023 KIMLEY-HORN AND ASSOCIATES, INC.  
2 North Nevada Avenue Suite 900  
Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: E.J.G.  
DRAWN BY: RES  
CHECKED BY: E.J.G.  
DATE: 12/5/2023

BARBARICK WASTE TRANSFER STATION  
EL PASO COUNTY, COLORADO  
CONSTRUCTION DOCUMENTS  
STORM PLAN & PROFILE

PRELIMINARY  
FOR REVIEW ONLY  
NOT FOR  
CONSTRUCTION  
**Kimley»Horn**  
Kimley-Horn and Associates, Inc.

PROJECT NO.  
196489000

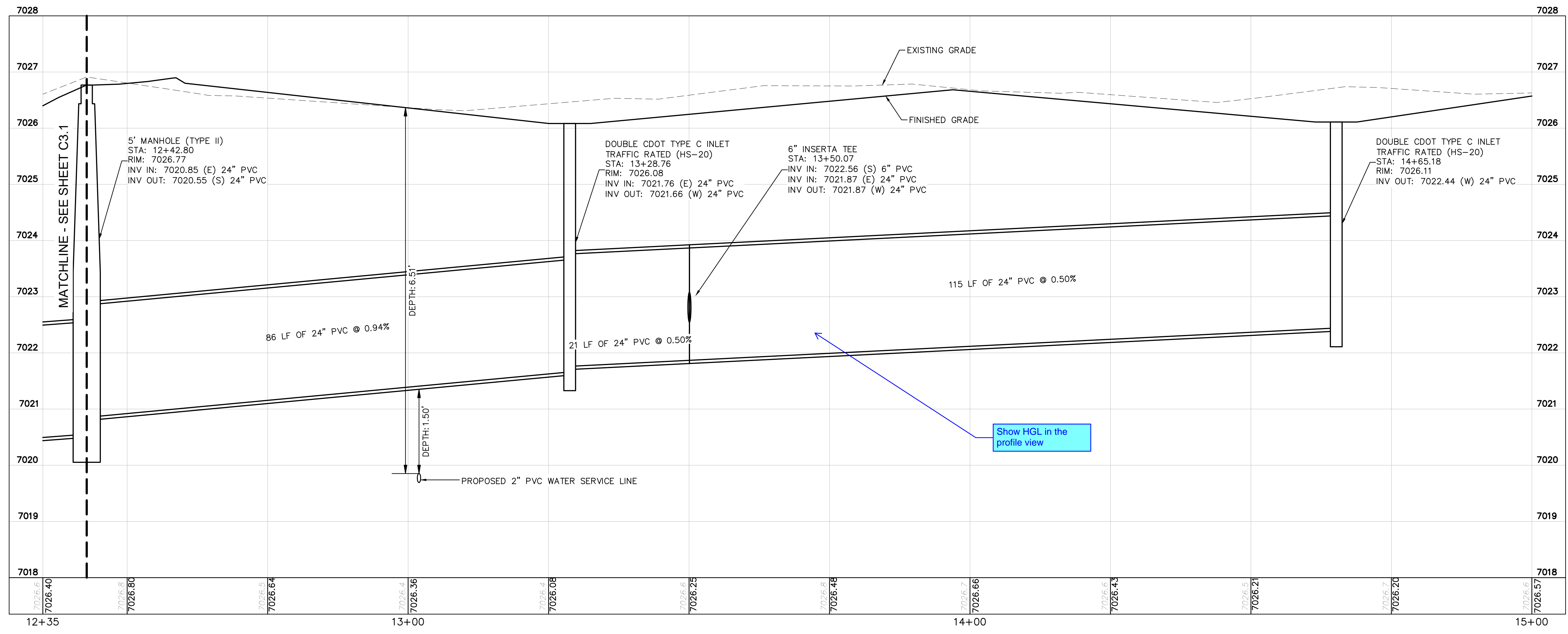
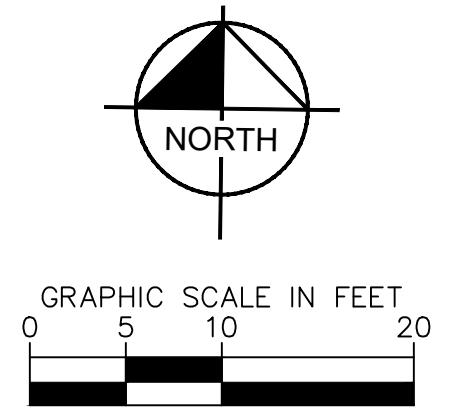
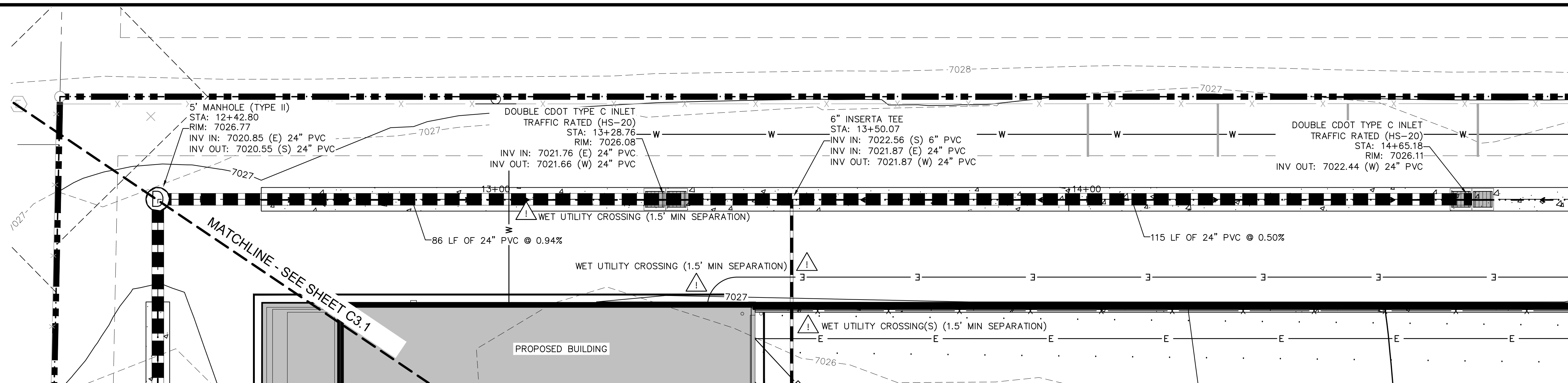
SHEET  
C3.1



PCD FILE NO. CDR-XX-XXX



K:\COS\_Civil\196489000\_Barbarick Waste Transfer\CADD\PlanSheets\CD\_STRM P&P-196489000.dwg Schmelbach, Ryan 12/15/2023 3:59 PM

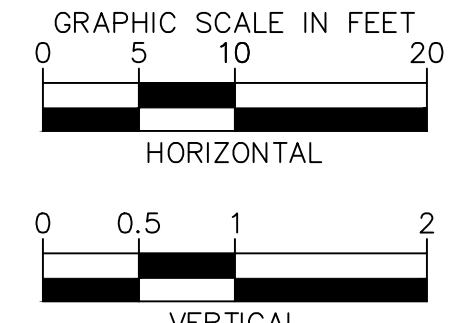


**NOTES**

- SEE SHEET C3.4 FOR ROOF DRAIN PLAN
- ALL PROPOSED STORM INFRASTRUCTURE DEPICTED ON THESE PLANS IS TO BE PRIVATELY OWNED AND MAINTAINED UNLESS OTHERWISE NOTED

**CAUTION NOTE** ⚠

- CONTRACTOR SHALL MAINTAIN 1.5' OF VERTICAL SEPARATION AT ALL WET UTILITY CROSSINGS.
- CONTRACTOR SHALL MAINTAIN 1.0' OF VERTICAL SEPARATION AT ALL DRY UTILITY CROSSINGS.



PCD FILE NO. CDR-XX-XXX

**Kimley»Horn**  
2023 KIMLEY-HORN AND ASSOCIATES, INC.  
2 North Nevada Avenue Suite 900  
Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: E.J.G.  
DRAWN BY: RES  
CHECKED BY: E.J.G.  
DATE: 12/5/2023

BARBARICK WASTE TRANSFER STATION  
EL PASO COUNTY, COLORADO  
CONSTRUCTION DOCUMENTS  
STORM PLAN & PROFILE

PRELIMINARY  
FOR REVIEW ONLY  
NOT FOR CONSTRUCTION  
**Kimley»Horn**  
Kimley-Horn and Associates, Inc.

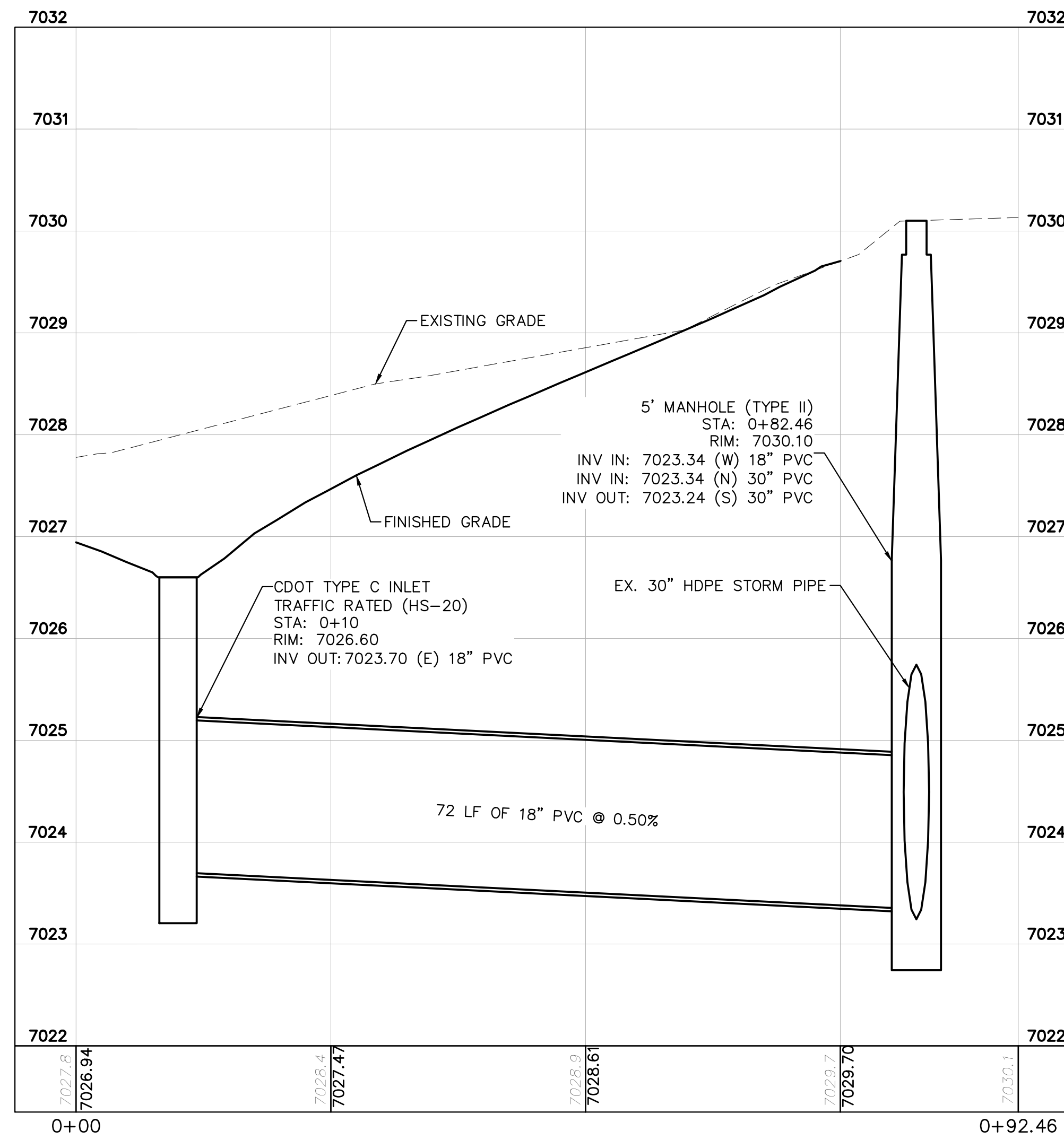
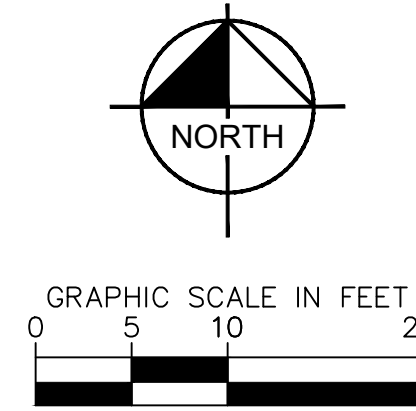
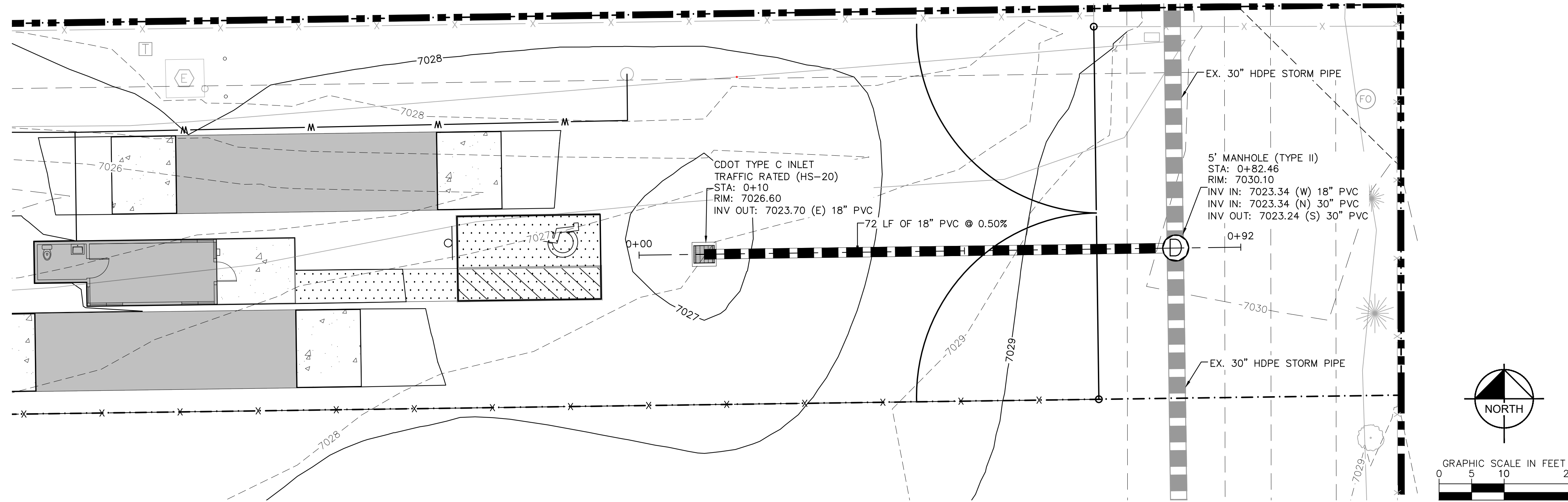
PROJECT NO.  
196489000

SHEET

C3.2



K:\COS\_Civil\196489000\_Barbarick Waste Transfer\CADD\PlanSheets\CDS\CD\_STRM P&P-196489000.dwg Schmelbach, Ryan 12/5/2023 3:59 PM

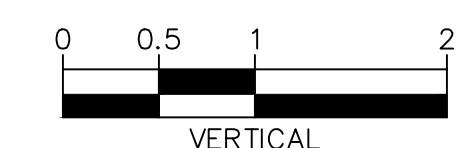
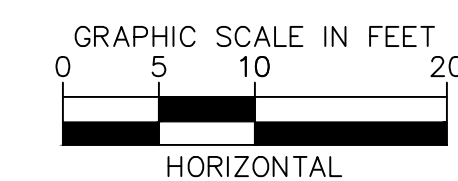


**NOTES**

- SEE SHEET C3.4 FOR ROOF DRAIN PLAN
- ALL PROPOSED STORM INFRASTRUCTURE DEPICTED ON THESE PLANS IS TO BE PRIVATELY OWNED AND MAINTAINED UNLESS OTHERWISE NOTED

**CAUTION NOTE** ⚠

- CONTRACTOR SHALL MAINTAIN 1.5' OF VERTICAL SEPARATION AT ALL WET UTILITY CROSSINGS.
- CONTRACTOR SHALL MAINTAIN 1.0' OF VERTICAL SEPARATION AT ALL DRY UTILITY CROSSINGS.



PCD FILE NO. CDR-XX-XXX

**Kimley»Horn**  
2023 KIMLEY-HORN AND ASSOCIATES, INC.  
2 North Nevada Avenue Suite 900  
Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: E.J.G.  
DRAWN BY: RES  
CHECKED BY: E.J.G.  
DATE: 12/5/2023

BARBARICK WASTE TRANSFER STATION  
EL PASO COUNTY, COLORADO  
CONSTRUCTION DOCUMENTS  
STORM PLAN & PROFILE

PRELIMINARY  
FOR REVIEW ONLY  
NOT FOR  
CONSTRUCTION  
**Kimley»Horn**  
Kimley-Horn and Associates, Inc.

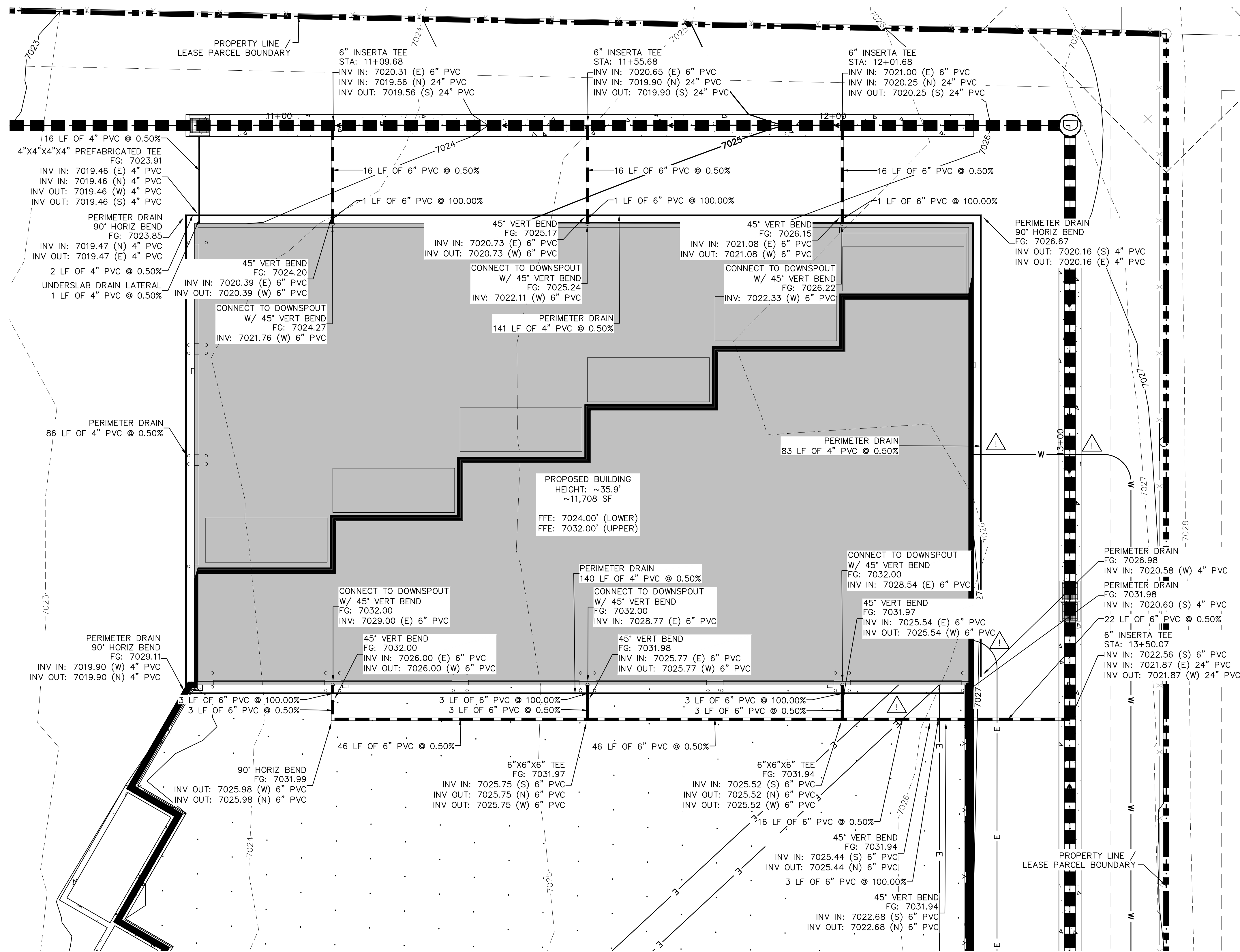
PROJECT NO.  
196489000

SHEET

C3.3



K:\COS\_Civil\196489000\_Barbarick Waste Transfer\Transfer\CADD\PlanSheets\CDs\CD\_STRM\_RD-196489000.dwg Schnellbach, Ryan 12/5/2023 4:00 PM



**LEGEND**

- PROPERTY LINE
- LEASED PARCEL BOUNDARY
- EXISTING UTILITY & DRAINAGE EASEMENT
- EXISTING FENCE
- EXISTING STORM SEWER
- EXISTING GAS MAIN
- EXISTING VEGETATION
- EXISTING TRANSFORMER
- PROPOSED FLOW LINE
- PROPOSED STORM SEWER
- PROPOSED PERIMETER / UNDERSLAB DRAIN
- PROPOSED STORM INLET
- PROPOSED ASPHALT
- PROPOSED CONCRETE

**NOTES**

1. SEE SHEETS C3.1 - C3.3 FOR DETAILED STORM PLAN AND PROFILES
2. ALL PROPOSED STORM INFRASTRUCTURE DEPICTED ON THESE PLANS IS TO BE PRIVATELY OWNED AND MAINTAINED UNLESS OTHERWISE NOTED
3. SEE SHEET C6.0 FOR ROOF DRAIN CONNECTION DETAIL

**CAUTION NOTE**

1. CONTRACTOR SHALL MAINTAIN 1.5' OF VERTICAL SEPARATION AT ALL WET UTILITY CROSSINGS.
2. CONTRACTOR SHALL MAINTAIN 1.0' OF VERTICAL SEPARATION AT ALL DRY UTILITY CROSSINGS.

**Kimley»Horn**  
 2023 KIMLEY-HORN AND ASSOCIATES, INC.  
 2 North Nevada Avenue Suite 900  
 Colorado Springs, Colorado 80903 (719) 453-0180

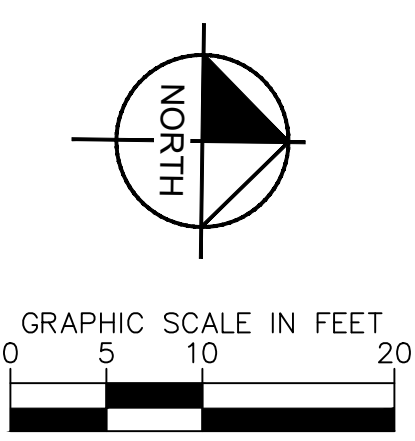
DESIGNED BY: E.J.G.  
 DRAWN BY: RES  
 CHECKED BY: E.J.G.  
 DATE: 12/5/2023

BARBARICK WASTE TRANSFER STATION  
 EL PASO COUNTY, COLORADO  
 CONSTRUCTION DOCUMENTS  
**ROOF DRAIN PLAN**

**PRELIMINARY**  
 FOR REVIEW ONLY  
 NOT FOR CONSTRUCTION  
**Kimley»Horn**  
 Kimley-Horn and Associates, Inc.

PROJECT NO.  
 196489000

SHEET  
**C3.4**



**811** Know what's below.  
 Call before you dig.

CALL UTILITY NOTIFICATION  
 CENTER OF COLORADO  
 1-800-922-1987  
 CALL 2-BUSINESS DAYS IN ADVANCE  
 BEFORE YOU DIG, GRADE, OR EXCAVATE  
 FOR THE MARKING OF UNDERGROUND  
 MEMBER UTILITIES.

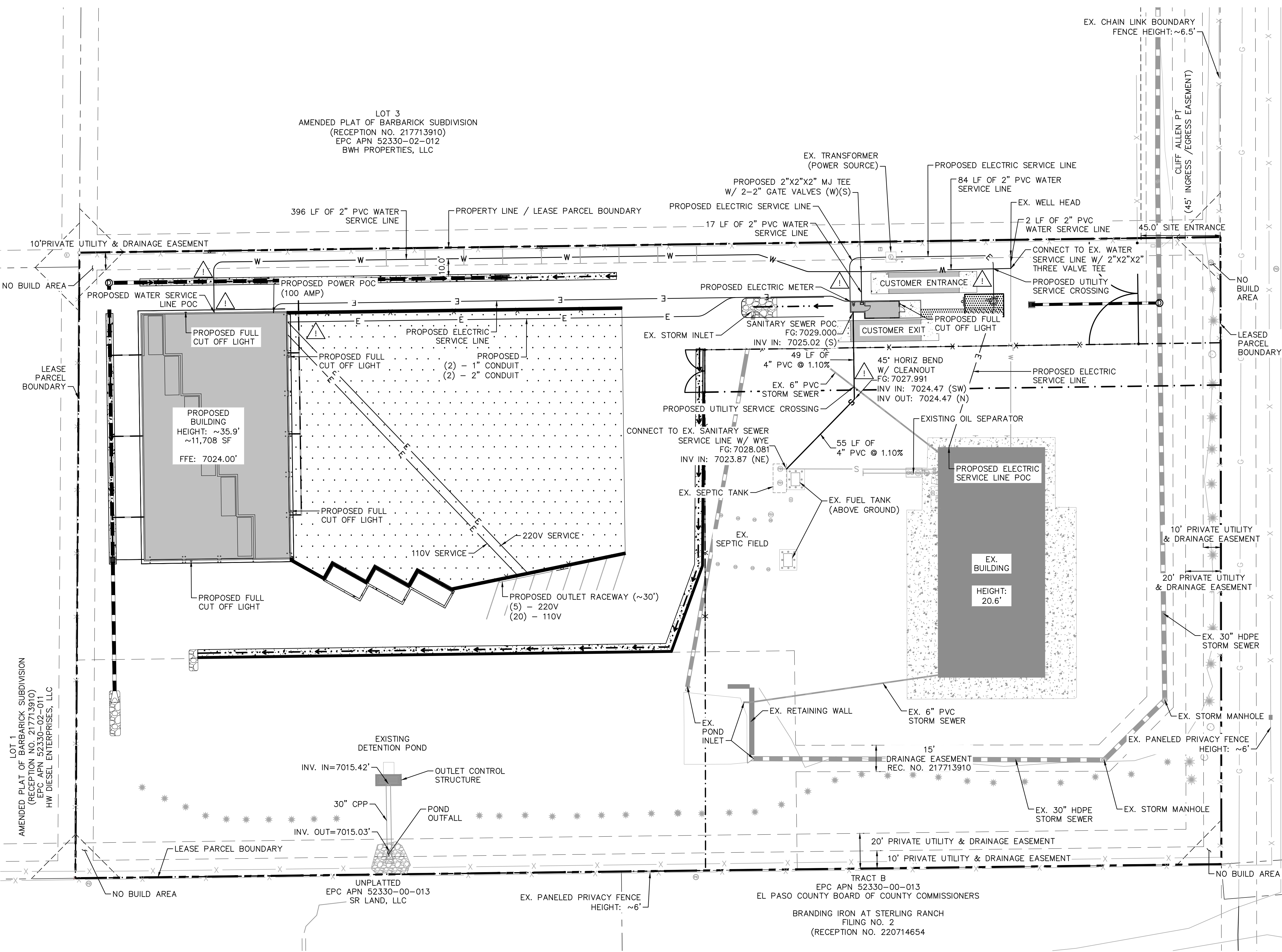
PCD FILE NO. CDR-XX-XXX



K:\COS\_Civil\196489000\_Barbarick Waste Transfer\CADD\PlanSheets\CDS\_CD\_UT.dwg Schnelboch, Ryan 12/7/2023 10:50 AM

LOT 1  
AMENDED PLAT OF BARBARICK SUBDIVISION  
(RECEPTION NO. 217713910)  
EPC APN 52330-02-011  
HW DIESEL ENTERPRISES, LLC

LOT 3  
AMENDED PLAT OF BARBARICK SUBDIVISION  
(RECEPTION NO. 217713910)  
EPC APN 52330-02-012  
BWH PROPERTIES, LLC



**LEGEND**

- PROPERTY LINE
- - - LEASED PARCEL BOUNDARY
- - - EX. UTILITY & DRAINAGE EASEMENT
- X EX. FENCE
- EX. STORM SEWER
- G EX. GAS MAIN
- EX. VEGETATION
- ⊙ EX. TRANSFORMER
- W PROPOSED WATER SERVICE LINE
- S PROPOSED SEPRIC SERVICE LINE
- E PROPOSED ELECTRIC SERVICE LINE
- PROPOSED STORM SEWER
- ▨ PROPOSED ASPHALT
- ▩ PROPOSED CONCRETE

**NOTES**

1. ALL CONDITIONS SHOWN TO BE "EX." SHALL BE VERIFIED IN THE FIELD BY THE GENERAL CONTRACTOR PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE SUBMITTED TO THE OWNER AND THE ENGINEER FOR REVIEW. CHANGES TO THE ORIGINAL DESIGN MUST BE APPROVED BY BOTH THE OWNER AND THE ENGINEER PRIOR TO MAKING ANY CHANGES.
2. ALL WATER SERVICE LINES SHALL MAINTAIN A BURY DEPTH OF 6'-7'.
3. EXISTING INFLUENT SEPTIC SEWER LINE IS TO BE POTHOLED PRIOR TO SERVICE LINE CONNECTION AT THE EXISTING SEPTIC TANK.
4. PROPOSED SANITARY SEWER LINE IS TO BE 4" SCH 40 PVC

**CAUTION NOTE** ⚠

1. CONTRACTOR SHALL MAINTAIN 1.5' OF VERTICAL SEPARATION AT ALL WET UTILITY CROSSINGS.
2. CONTRACTOR SHALL MAINTAIN 1.0' OF VERTICAL SEPARATION AT ALL DRY UTILITY CROSSINGS.

**Kimley»Horn**  
2023 KIMLEY-HORN AND ASSOCIATES, INC.  
2 North Nevada Avenue Suite 900  
Colorado Springs, Colorado 80903 (719) 453-0180

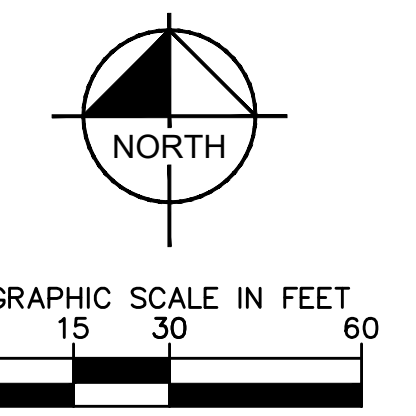
DESIGNED BY: E:JG  
DRAWN BY: RES  
CHECKED BY: E:JG  
DATE: 12/6/2023

BARBARICK WASTE TRANSFER STATION  
EL PASO COUNTY, COLORADO  
CONSTRUCTION DOCUMENTS  
UTILITY PLAN

PRELIMINARY  
FOR REVIEW ONLY  
NOT FOR  
CONSTRUCTION  
**Kimley»Horn**  
Kimley-Horn and Associates, Inc.

PROJECT NO.  
196489000  
SHEET

C4.0



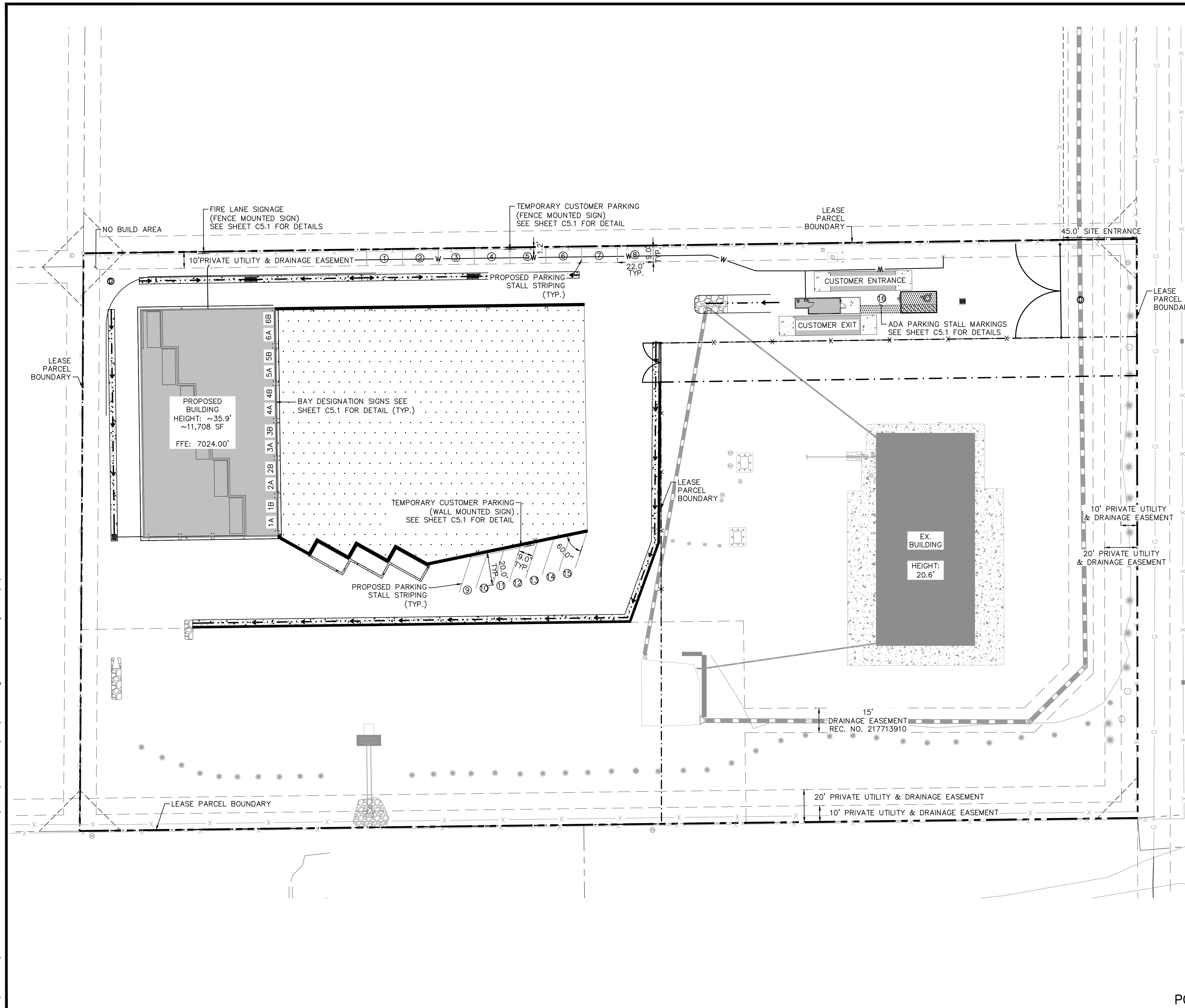
**811** Know what's below.  
Call before you dig.

CALL UTILITY NOTIFICATION  
CENTER OF COLORADO  
1-800-922-1987  
CALL 2-BUSINESS DAYS IN ADVANCE  
BEFORE YOU DIG, GRADE, OR EXCAVATE  
FOR THE MARKING OF UNDERGROUND  
MEMBER UTILITIES.

PCD FILE NO. CDR-XX-XXX



K:\COS\_Civil\196489000\_Barbarick Waste Transfer\CADD\PlanSheets\CDs\CD\_SS.dwg Schnelboch, Ryan 12/5/2023 4:00 PM



**LEGEND**

	PROPERTY LINE
	LEASED PARCEL BOUNDARY
	EX. UTILITY & DRAINAGE EASEMENT
	PROPOSED TRUCK TURN MOVEMENT
	EX. FENCE
	EX. STORM SEWER
	EX. GAS MAIN
	EX. VEGETATION
	EX. TRANSFORMER
	PROPOSED ASPHALT
	PROPOSED CONCRETE
	PROPOSED PARKING STALL

**Kimley»Horn**  
 2023 KIMLEY-HORN AND ASSOCIATES, INC.  
 2 North Nevada Avenue Suite 900  
 Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: E:JG  
 DRAWN BY: RES  
 CHECKED BY: E:JG  
 DATE: 12/5/2023

BARBARICK WASTE TRANSFER STATION  
 EL PASO COUNTY, COLORADO  
 CONSTRUCTION DOCUMENTS  
 SIGNAGE & STRIPING PLAN

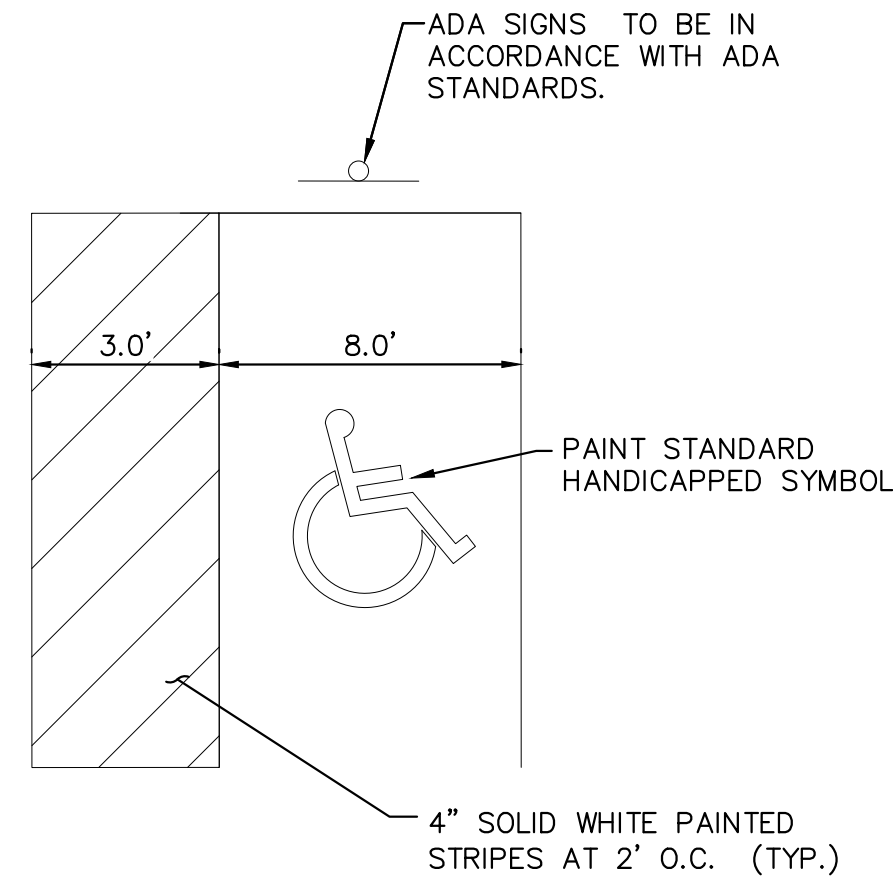
**PRELIMINARY**  
 FOR REVIEW ONLY  
 NOT FOR  
 CONSTRUCTION  
  
 Kimley-Horn and Associates, Inc.

PROJECT NO.  
 196489000  
 SHEET  
**C5.0**

**811** Know what's below. Call before you dig.  
 CALL UTILITY NOTIFICATION CENTER OF COLORADO 1-800-922-1987  
 CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

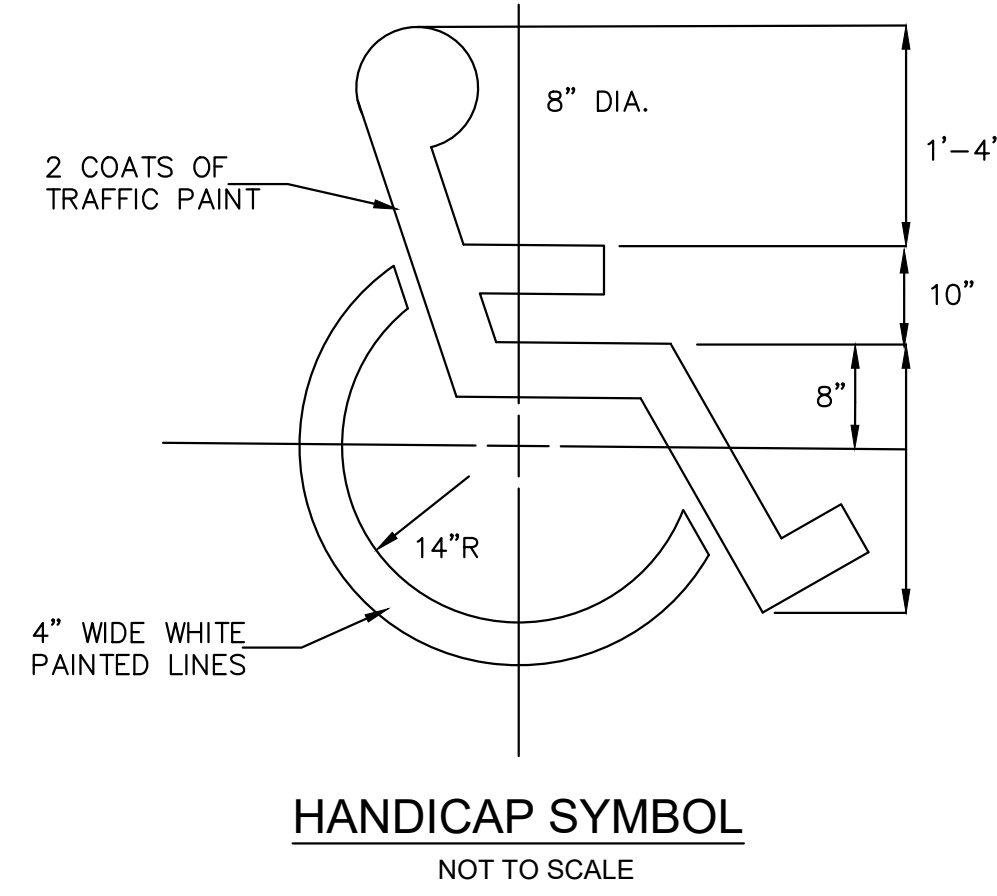
PCD FILE NO. CDR-XX-XXX



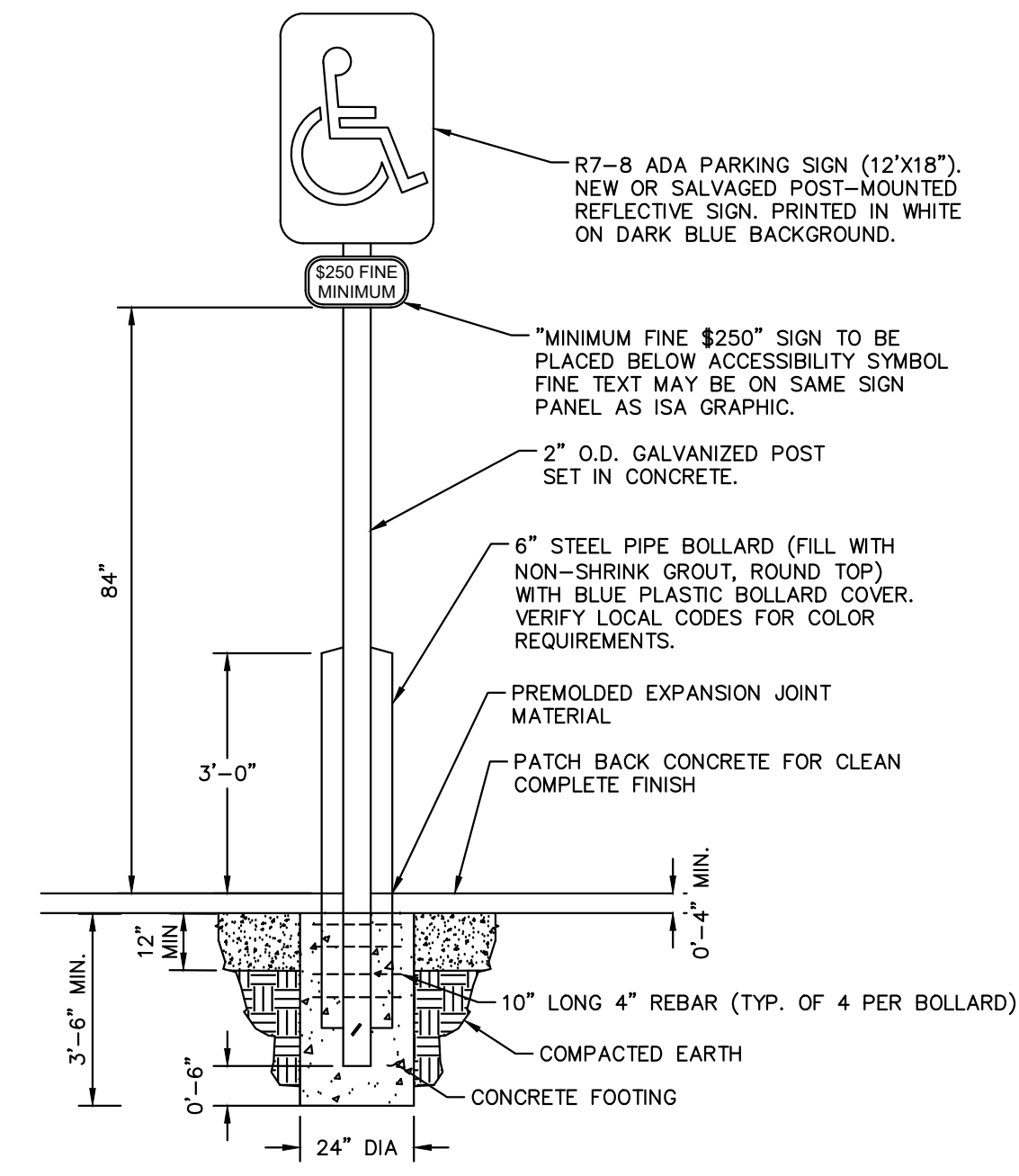


- NOTES:
- DIMENSIONS MAY VARY REFER TO SITE PLAN (SHEET C5.0).
  - SIGNAGE AND MARKINGS TO BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

**ACCESSIBLE VAN PARKING DETAIL**  
NOT TO SCALE



**HANDICAP SYMBOL**  
NOT TO SCALE



**ADA PARKING SIGN DETAILS**  
NOT TO SCALE

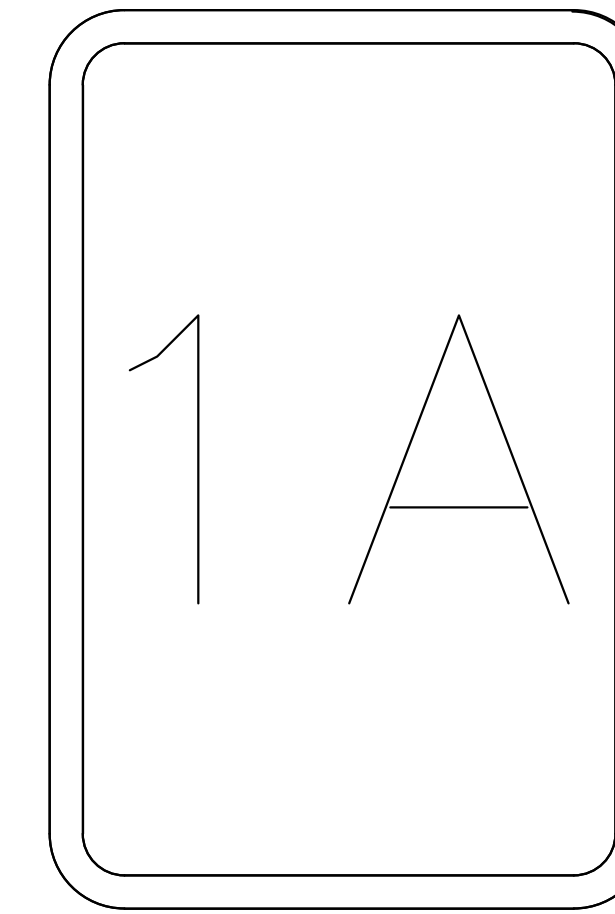


**FIRE LANE SIGNAGE DETAIL**  
NOT TO SCALE

- NOTE:
- SIGN MUST HAVE A WHITE REFLECTIVE BACKGROUND WITH LETTERS AND BORDERS IN RED, USING NOT LESS THAN TWO INCH (2") LETTERING AND HAVE A MINIMUM DIMENSION OF TWELVE INCHES (12") WIDE BY EIGHTEEN INCHES (18") HIGH.
  - REFER TO THE COLORADO SPRINGS FIRE DEPARTMENT FIRE LANE STRIPING AND SIGNING HANDBOOK FOR ACCEPTABLE ALTERNATIVES AND REQUIREMENTS.
  - SIGN IS TO BE FENCE MOUNTED (CHAIN LINK FENCE).



**CUSTOMER PARKING DETAIL**  
NOT TO SCALE



**BAY DESIGNATION SIGN DETAIL**  
NOT TO SCALE

**Kimley»Horn**  
2023 KIMLEY-HORN AND ASSOCIATES, INC.  
2 North Nevada Avenue Suite 900  
Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: E.J.G.  
DRAWN BY: RES  
CHECKED BY: E.J.G.  
DATE: 12/5/2023

BARBARICK WASTE TRANSFER STATION  
EL PASO COUNTY, COLORADO  
CONSTRUCTION DOCUMENTS  
SIGNAGE & STRIPING DETAILS

PRELIMINARY  
FOR REVIEW ONLY  
NOT FOR  
CONSTRUCTION  
**Kimley»Horn**  
Kimley-Horn and Associates, Inc.

PROJECT NO.  
196489000

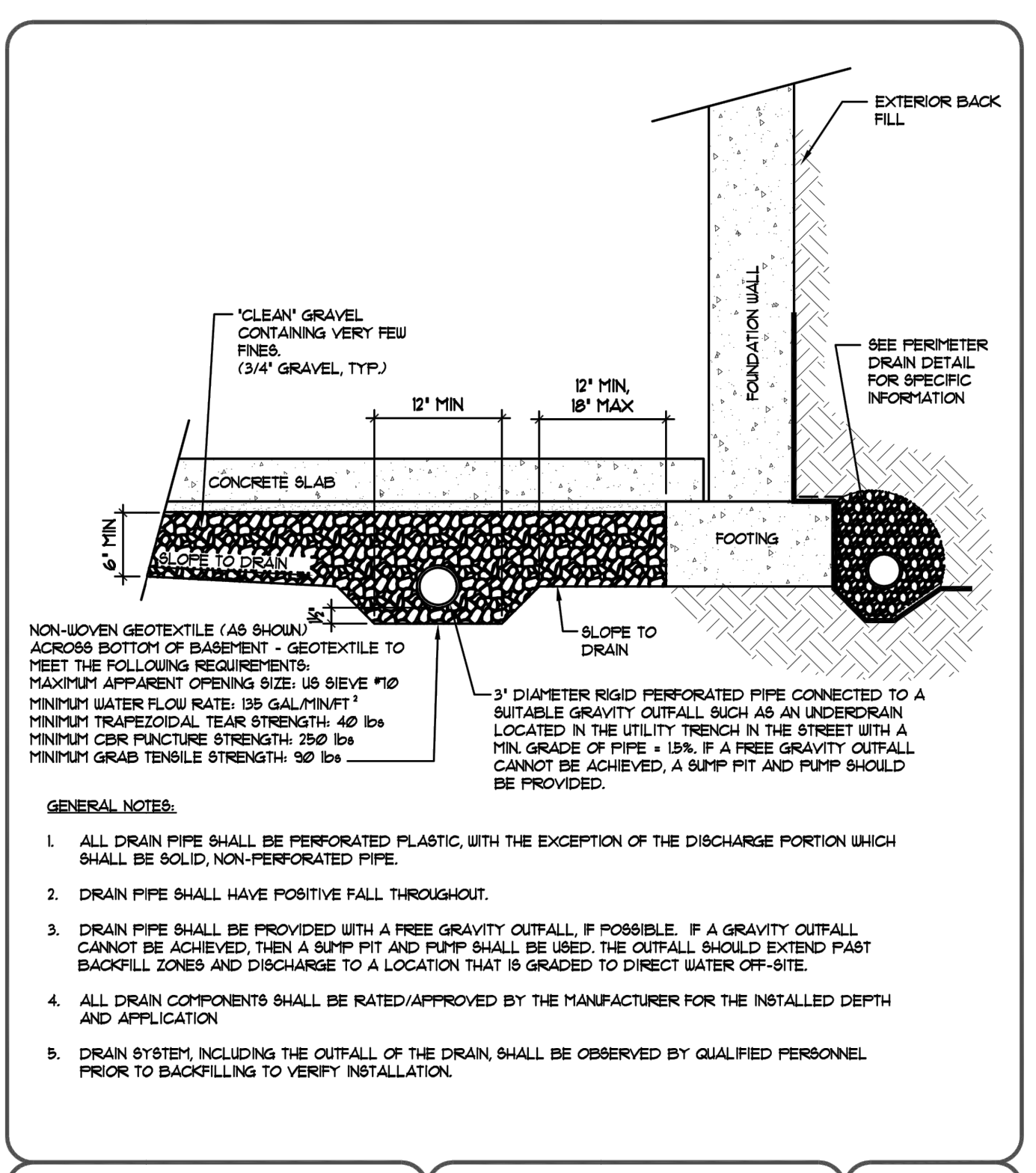
SHEET

C5.1



PCD FILE NO. CDR-XX-XXX

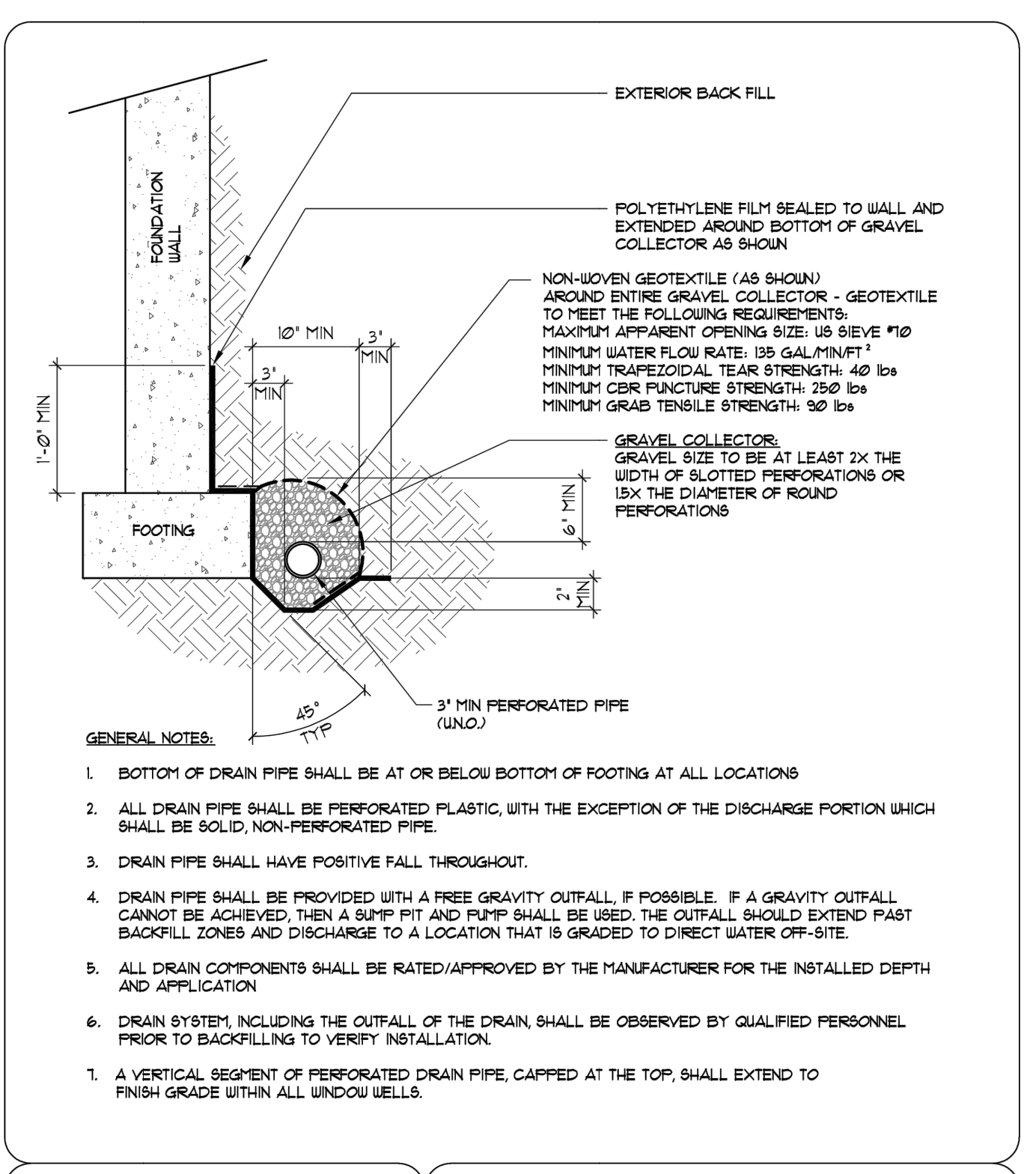




**UNDERSLAB DRAIN** FIG No. 8

**GENERAL NOTES:**

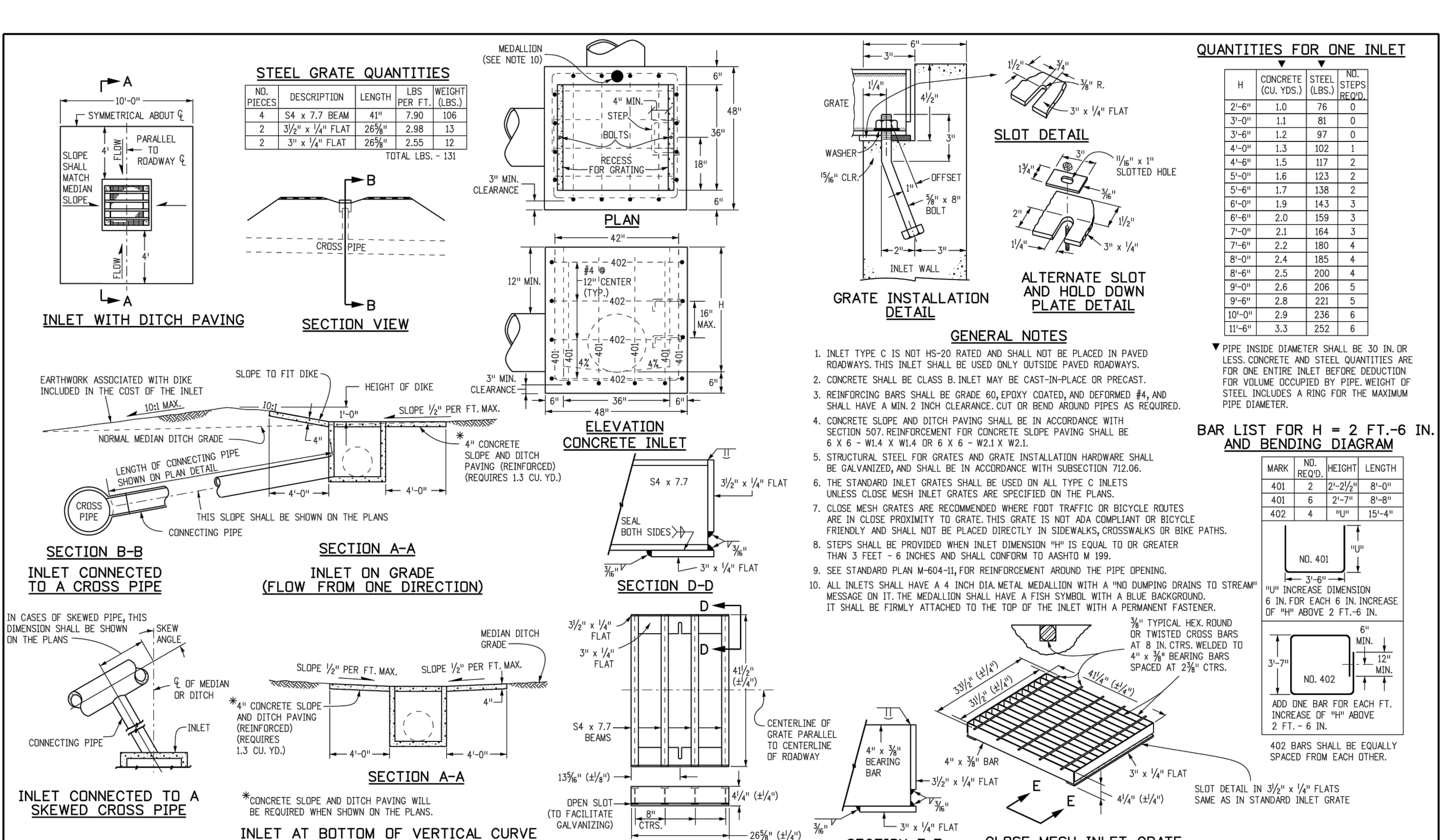
- ALL DRAIN PIPE SHALL BE PERFORATED PLASTIC, WITH THE EXCEPTION OF THE DISCHARGE PORTION WHICH SHALL BE SOLID, NON-PERFORATED PIPE.
- DRAIN PIPE SHALL HAVE POSITIVE FALL THROUGHOUT.
- DRAIN PIPE SHALL BE PROVIDED WITH A FREE GRAVITY OUTFALL. IF POSSIBLE, IF A GRAVITY OUTFALL CANNOT BE ACHIEVED, THEN A SUMP PIT AND PUMP SHALL BE USED. THE OUTFALL SHOULD EXTEND PAST BACKFILL ZONES AND DISCHARGE TO A LOCATION THAT IS GRADED TO DIRECT WATER OFF-SITE.
- ALL DRAIN COMPONENTS SHALL BE RATED/APPROVED BY THE MANUFACTURER FOR THE INSTALLED DEPTH AND APPLICATION.
- DRAIN SYSTEM, INCLUDING THE OUTFALL OF THE DRAIN, SHALL BE OBSERVED BY QUALIFIED PERSONNEL PRIOR TO BACKFILLING TO VERIFY INSTALLATION.



**PERIMETER DRAIN**

**GENERAL NOTES:**

- BOTTOM OF DRAIN PIPE SHALL BE AT OR BELOW BOTTOM OF FOOTING AT ALL LOCATIONS.
- ALL DRAIN PIPE SHALL BE PERFORATED PLASTIC, WITH THE EXCEPTION OF THE DISCHARGE PORTION WHICH SHALL BE SOLID, NON-PERFORATED PIPE.
- DRAIN PIPE SHALL HAVE POSITIVE FALL THROUGHOUT.
- DRAIN PIPE SHALL BE PROVIDED WITH A FREE GRAVITY OUTFALL. IF POSSIBLE, IF A GRAVITY OUTFALL CANNOT BE ACHIEVED, THEN A SUMP PIT AND PUMP SHALL BE USED. THE OUTFALL SHOULD EXTEND PAST BACKFILL ZONES AND DISCHARGE TO A LOCATION THAT IS GRADED TO DIRECT WATER OFF-SITE.
- ALL DRAIN COMPONENTS SHALL BE RATED/APPROVED BY THE MANUFACTURER FOR THE INSTALLED DEPTH AND APPLICATION.
- DRAIN SYSTEM, INCLUDING THE OUTFALL OF THE DRAIN, SHALL BE OBSERVED BY QUALIFIED PERSONNEL PRIOR TO BACKFILLING TO VERIFY INSTALLATION.



**INLET, TYPE C**

**STANDARD PLAN NO. M-604-10**

**Standard Sheet No. 1 of 1**

**Computer File Information**

Creation Date:	07/31/19
Designer Initials:	JBK
Last Modification Date:	07/31/19
Datelist Initials:	LTA
CD: Ver:	MicroStation V8

**Sheet Revisions**

Date:	Comments:
(REV)	
(REV)	
(REV)	

**Colorado Department of Transportation**

2828 West Howard Place  
 CDOT HQ, 3rd Floor  
 Denver, CO 80204  
 Phone: 303-757-9021 FAX: 303-757-9868

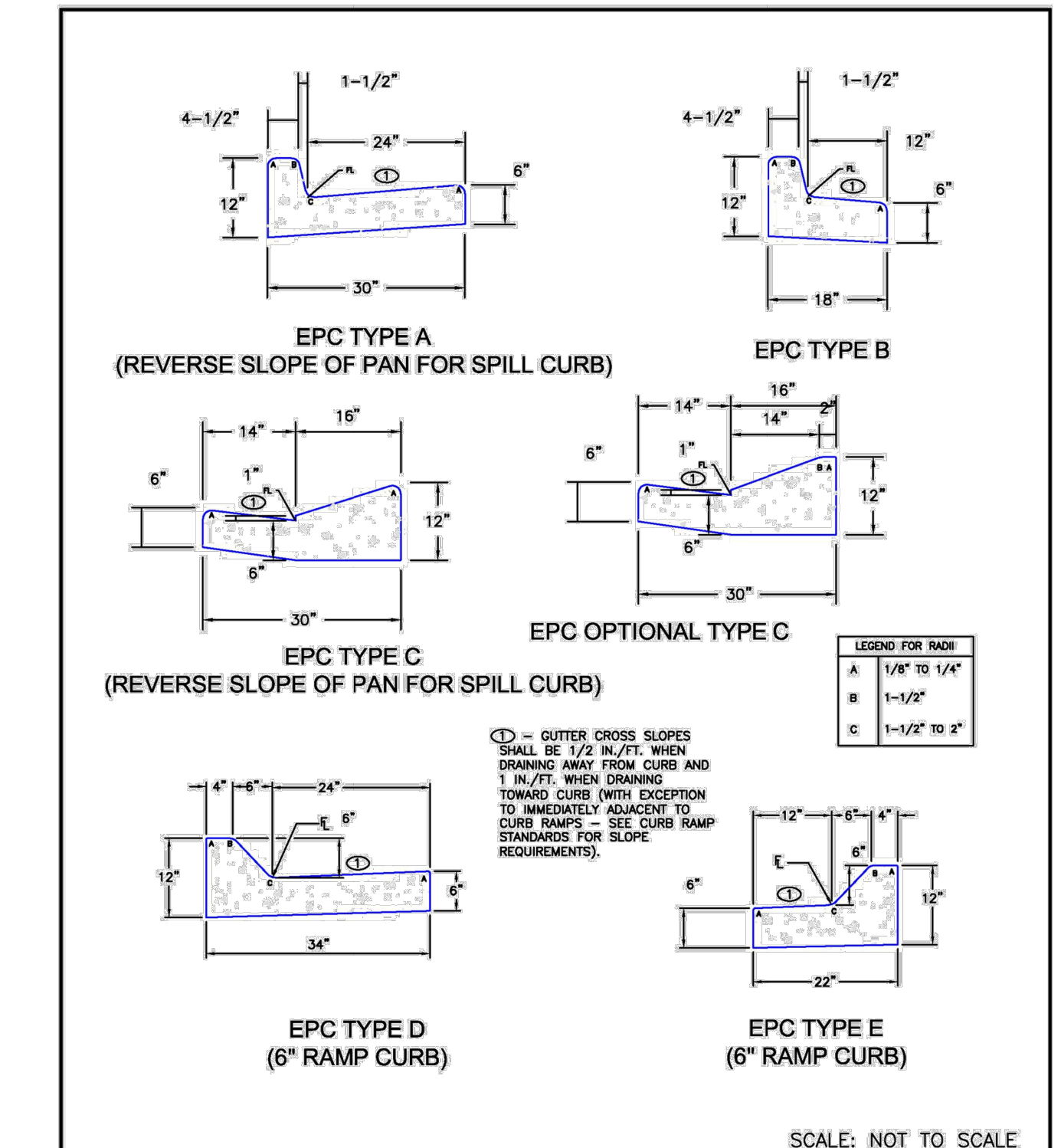
**Project Development Branch** JBK

**Issued by the Project Development Branch** July 31, 2019

**Project Sheet Number:**

11/17/23, 10:22 AM AppF-19.png (2286\*3044)

11/1/23, 12:24 PM AppF-40.png (984\*1302)

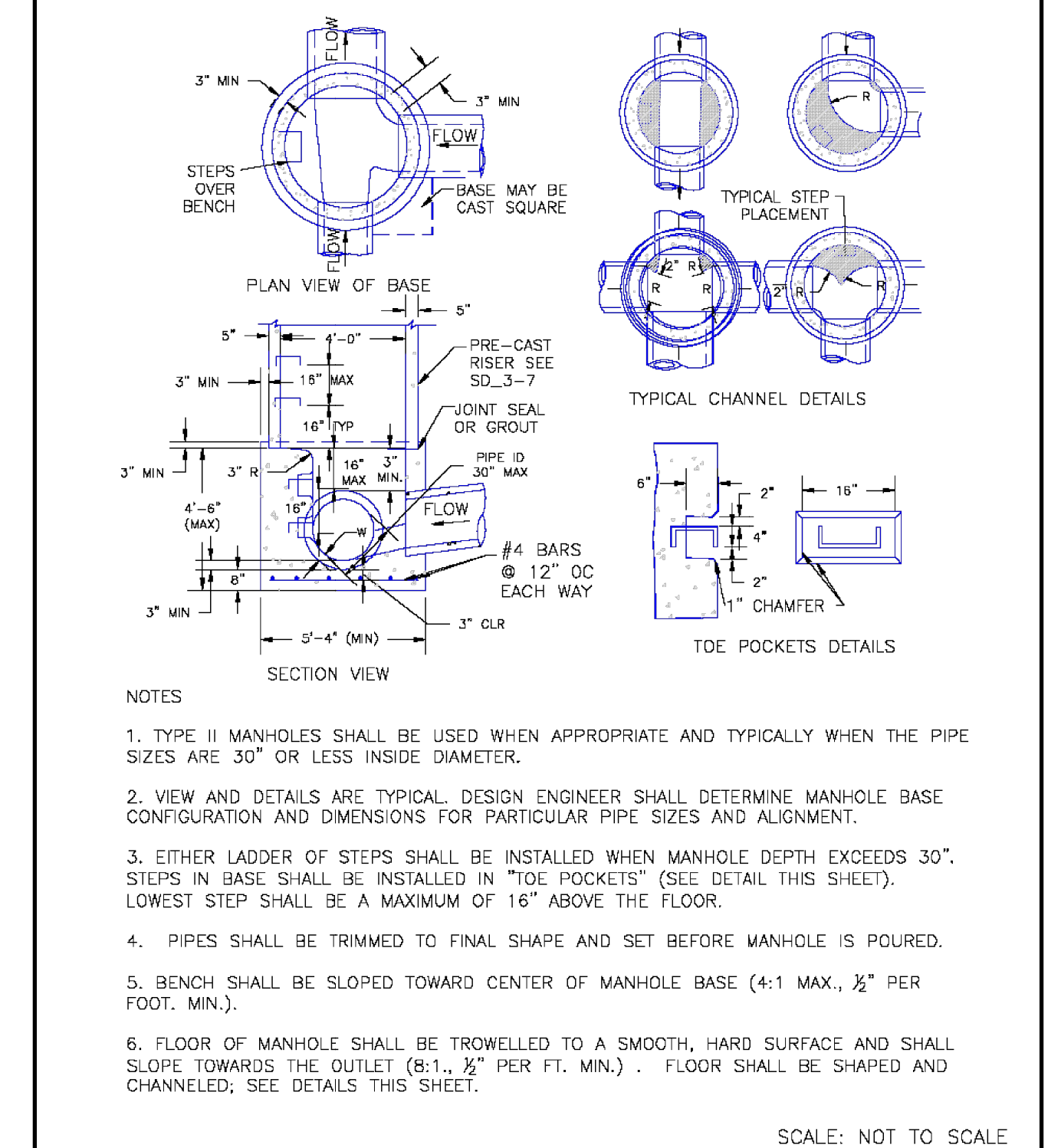


**Typical Curb and Gutter Details**

**Standard Drawing**

DATE APPROVED: 6/23/20  
 APPROVED: Jennifer E. Irvine  
 DEPARTMENT OF PUBLIC WORKS

REVISION DATE: 6/23/20  
 FILE NAME: SD\_2-20



**Storm Sewer Manhole Detail**

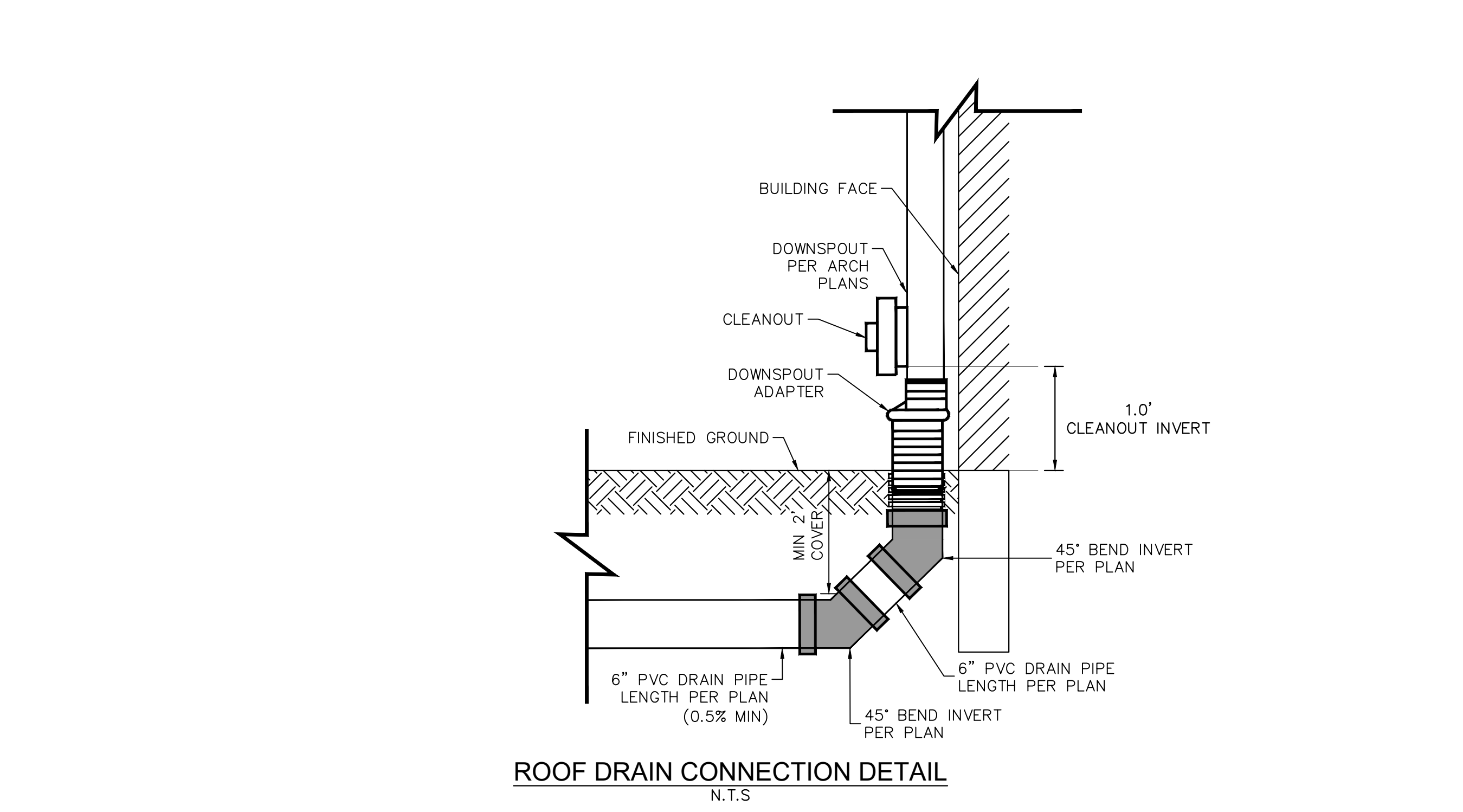
**Type II**

**Standard Drawing**

DATE APPROVED: 11/10/04  
 APPROVED: André P. Brackin  
 DEPARTMENT OF TRANSPORTATION

REVISION DATE: 11/10/04  
 FILE NAME: SD\_3-2

11/17/23, 10:22 AM AppF-19.png (2286\*3044)



**Roof Drain Connection Detail**

N.T.S.

https://mcdlibrary.blob.core.usgovcloudapi.net/codecontent/15646/367064/AppF-19.png

https://mcdlibrary.blob.core.usgovcloudapi.net/codecontent/15646/367064/AppF-40.png

1/1 PCD FILE NO. CDR-XX-XXX

**Kimley»Horn**

2023 KIMLEY-HORN AND ASSOCIATES, INC.  
 2 North Nevada Avenue Suite 900  
 Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: E.JG  
 DRAWN BY: RES  
 CHECKED BY: E.JG  
 DATE: 12/5/2023

**BARBARICK WASTE TRANSFER STATION**  
 EL PASO COUNTY, COLORADO  
 CONSTRUCTION DOCUMENTS  
**CONSTRUCTION DETAILS**

**PRELIMINARY**

FOR REVIEW ONLY  
 NOT FOR CONSTRUCTION

**Kimley»Horn**  
 Kimley-Horn and Associates, Inc.

PROJECT NO.  
 196489000

SHEET  
**C6.0**

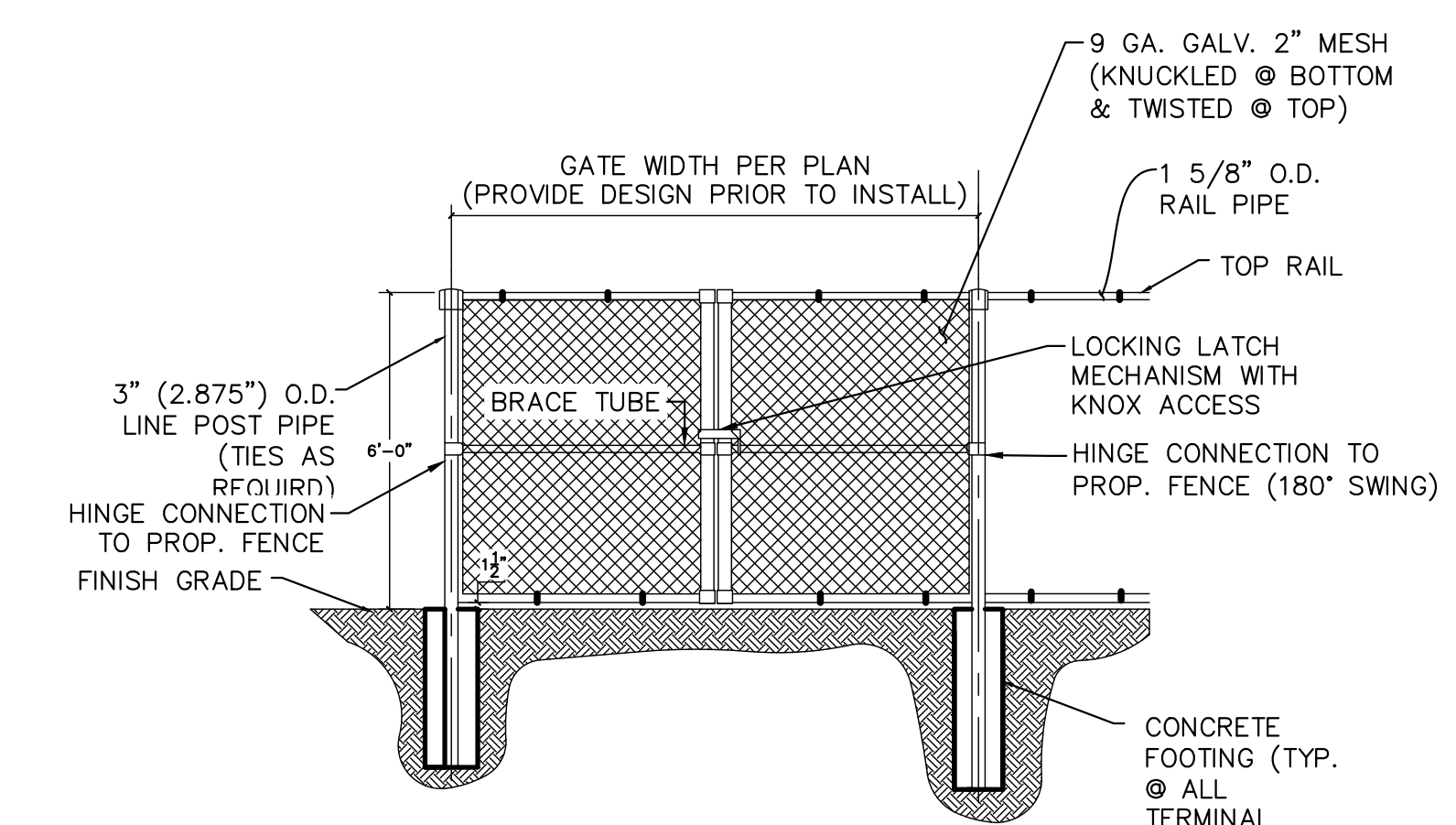
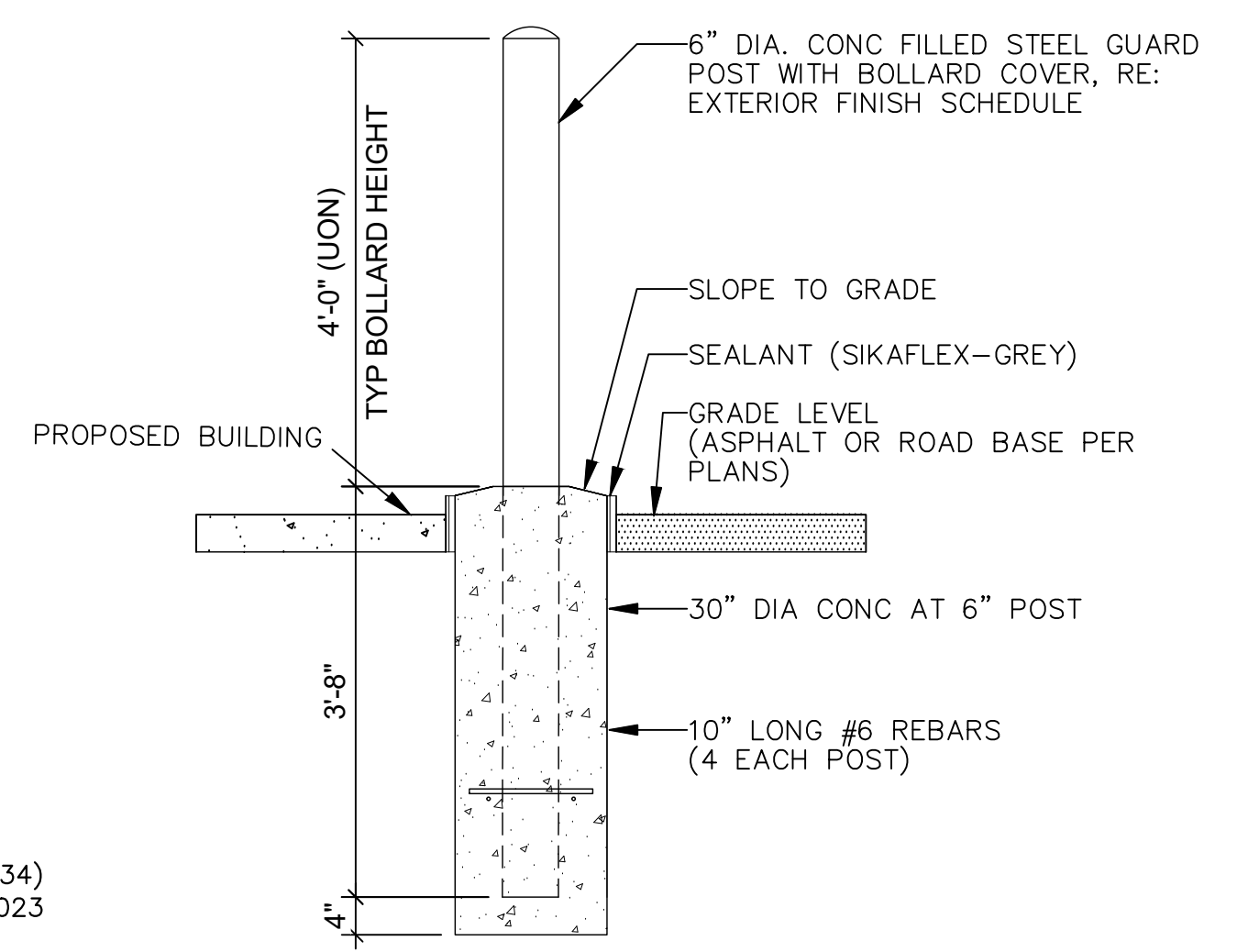
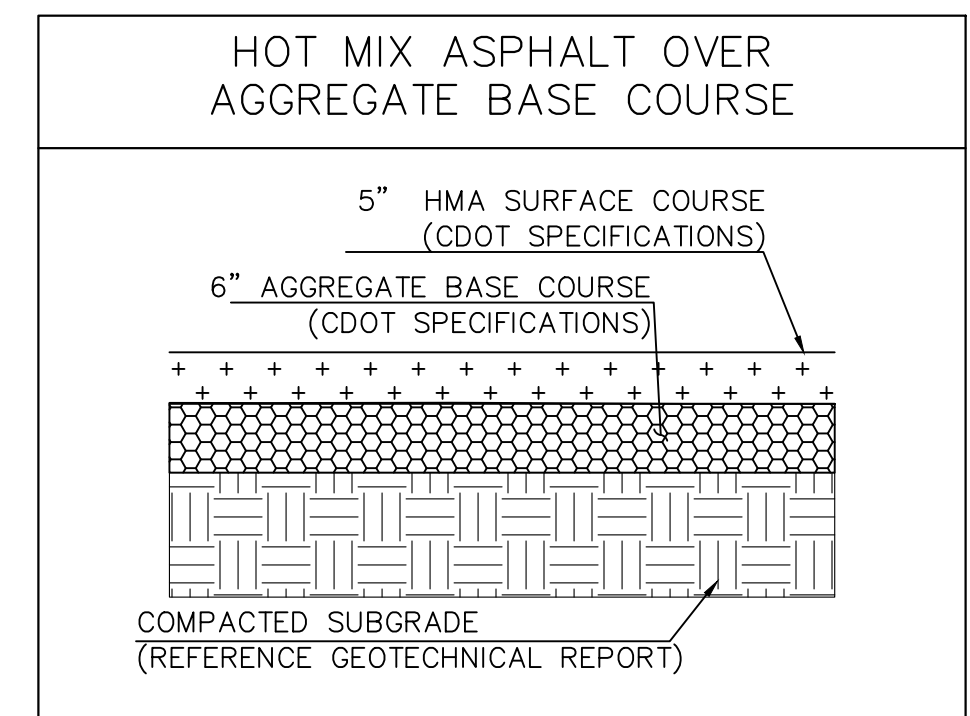
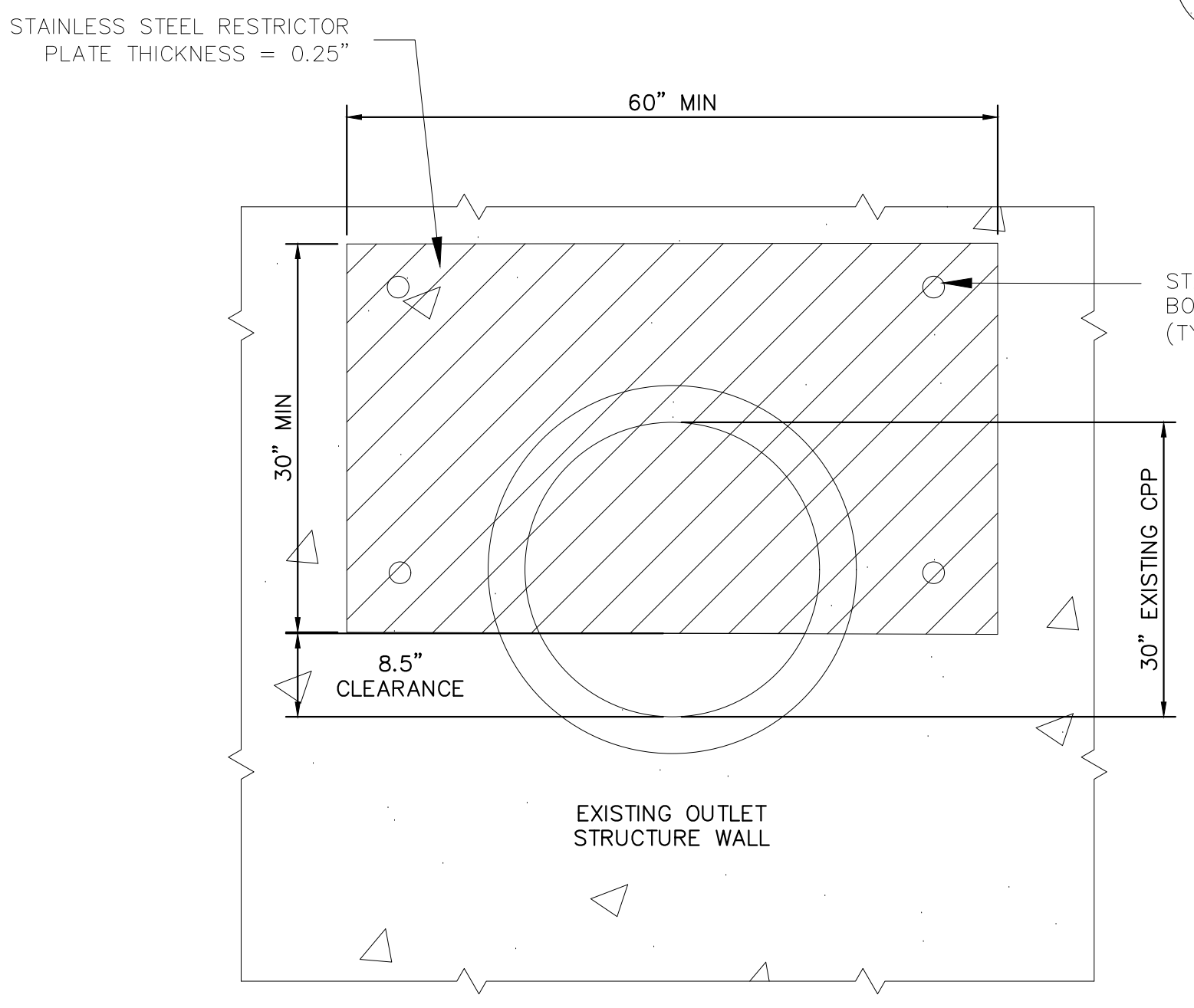
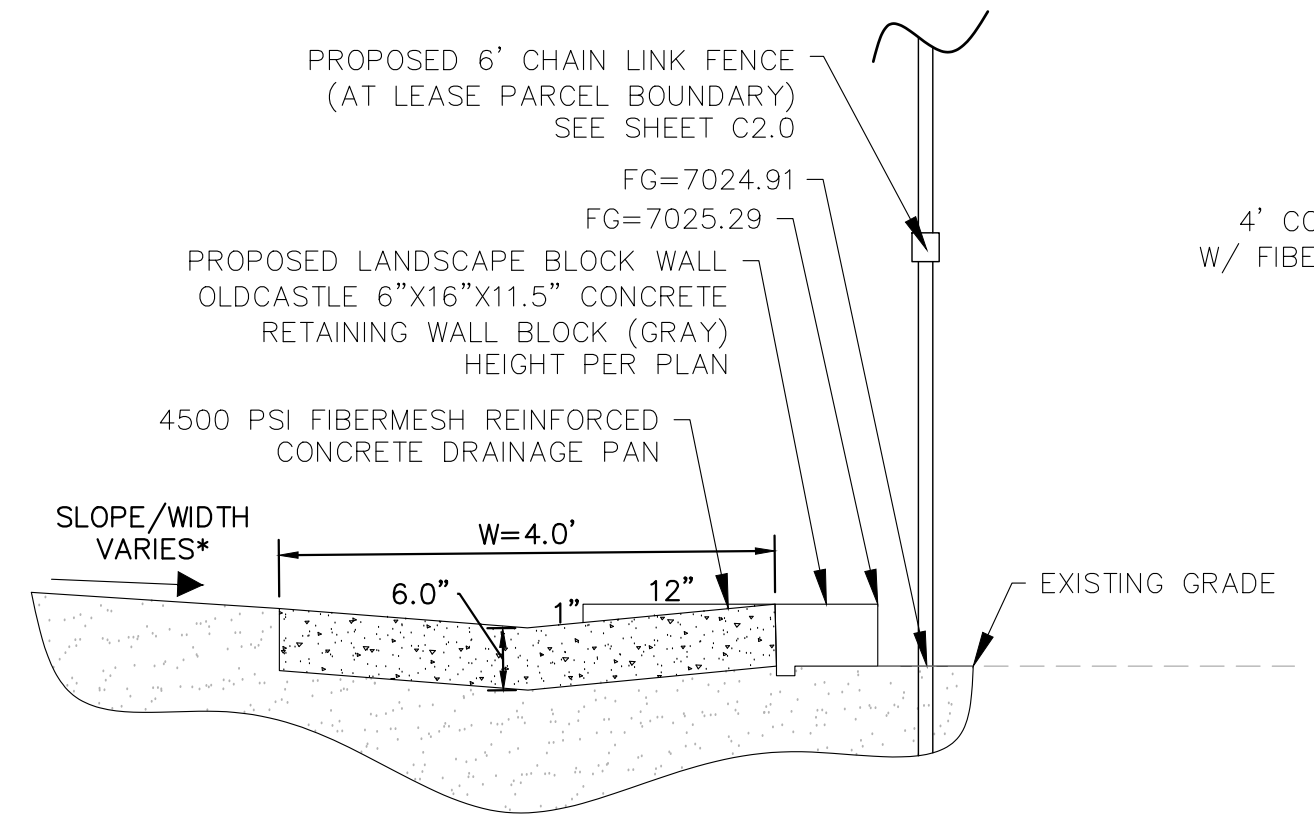
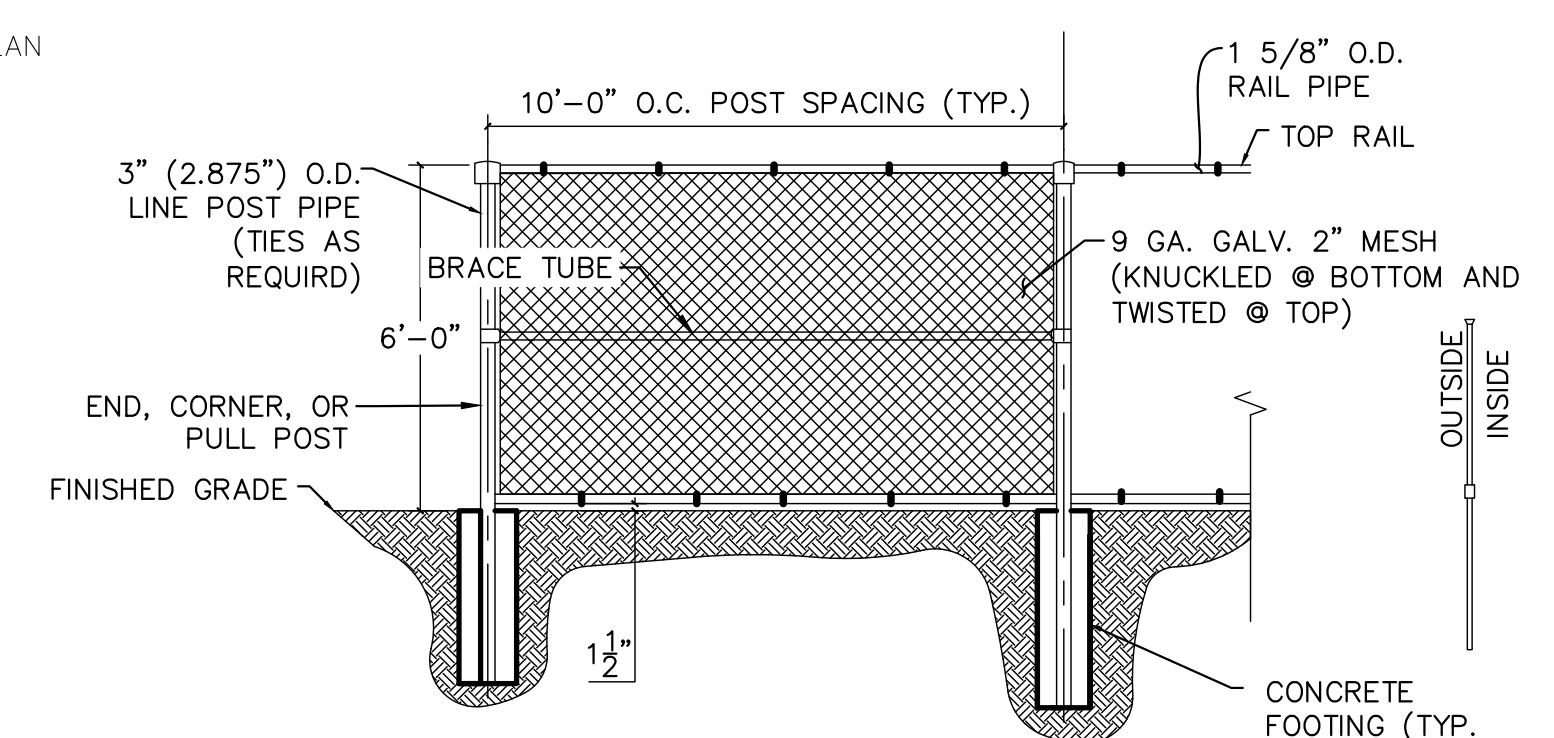
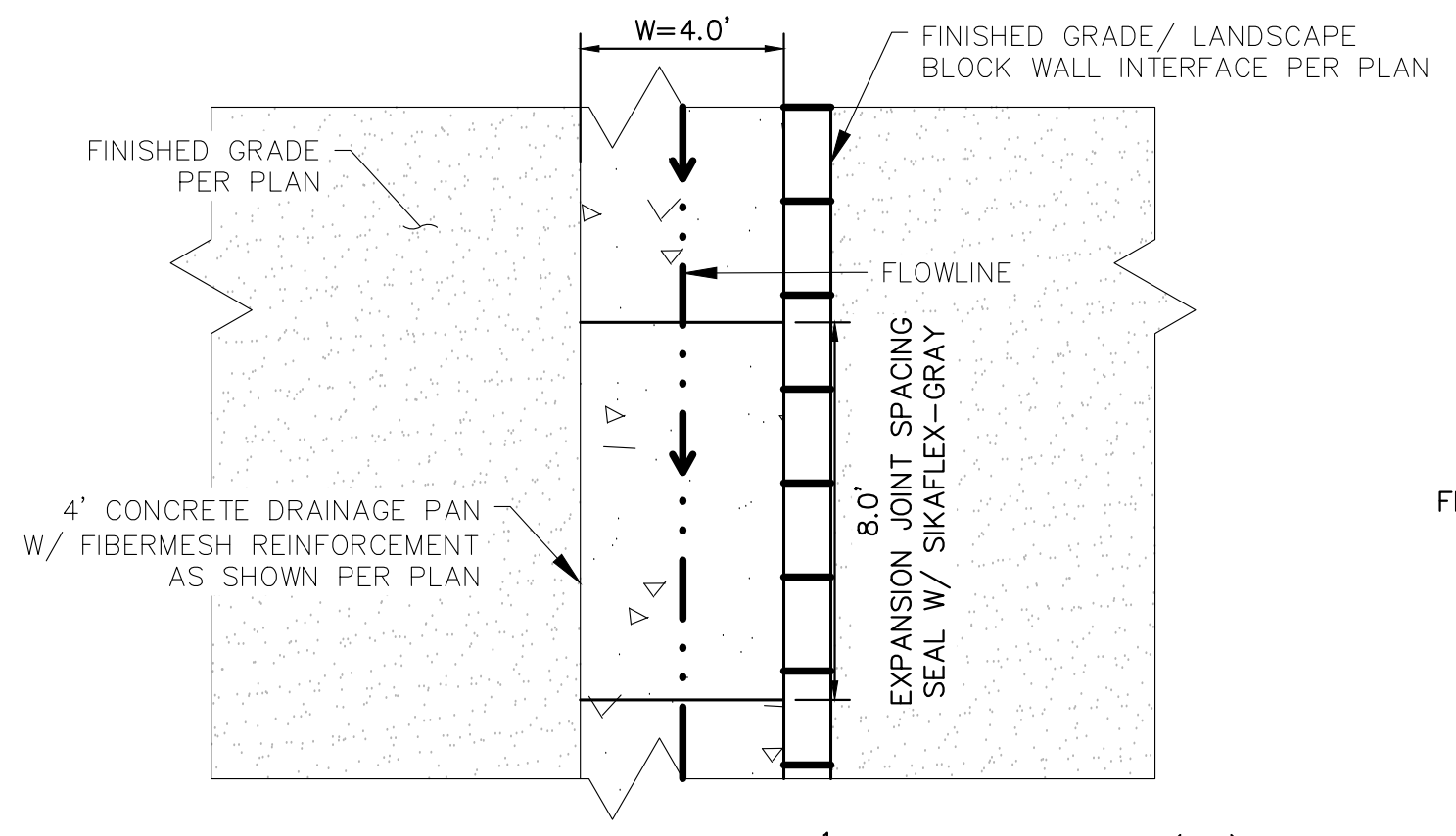
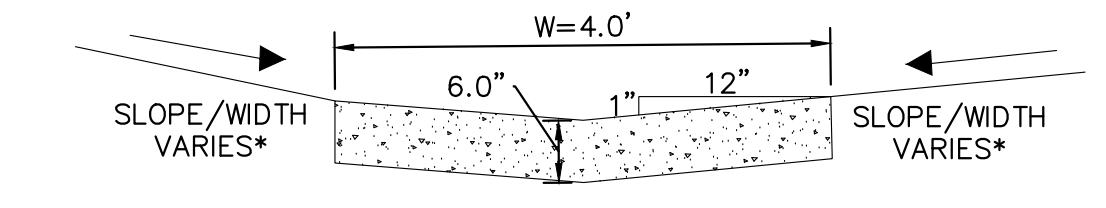
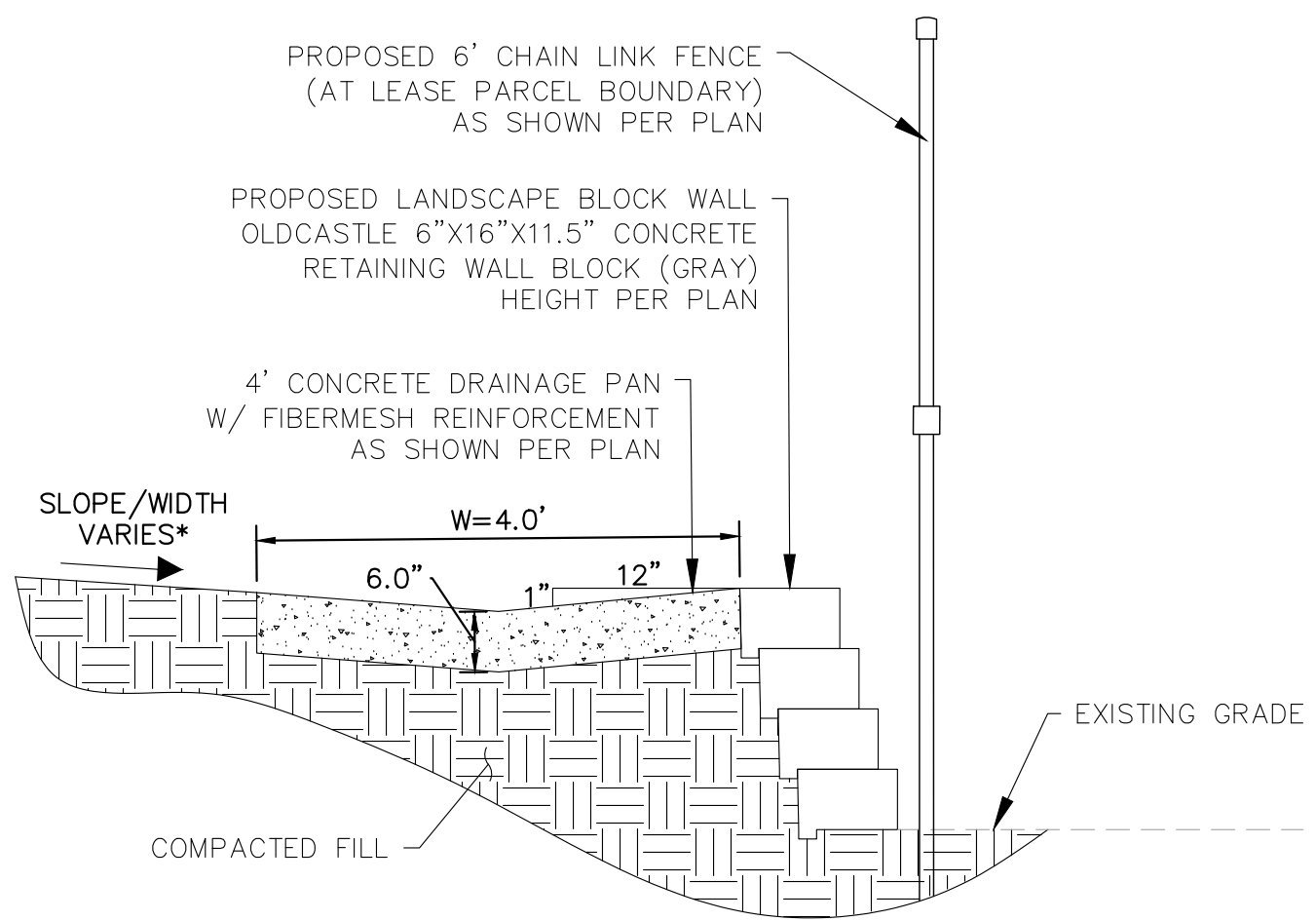
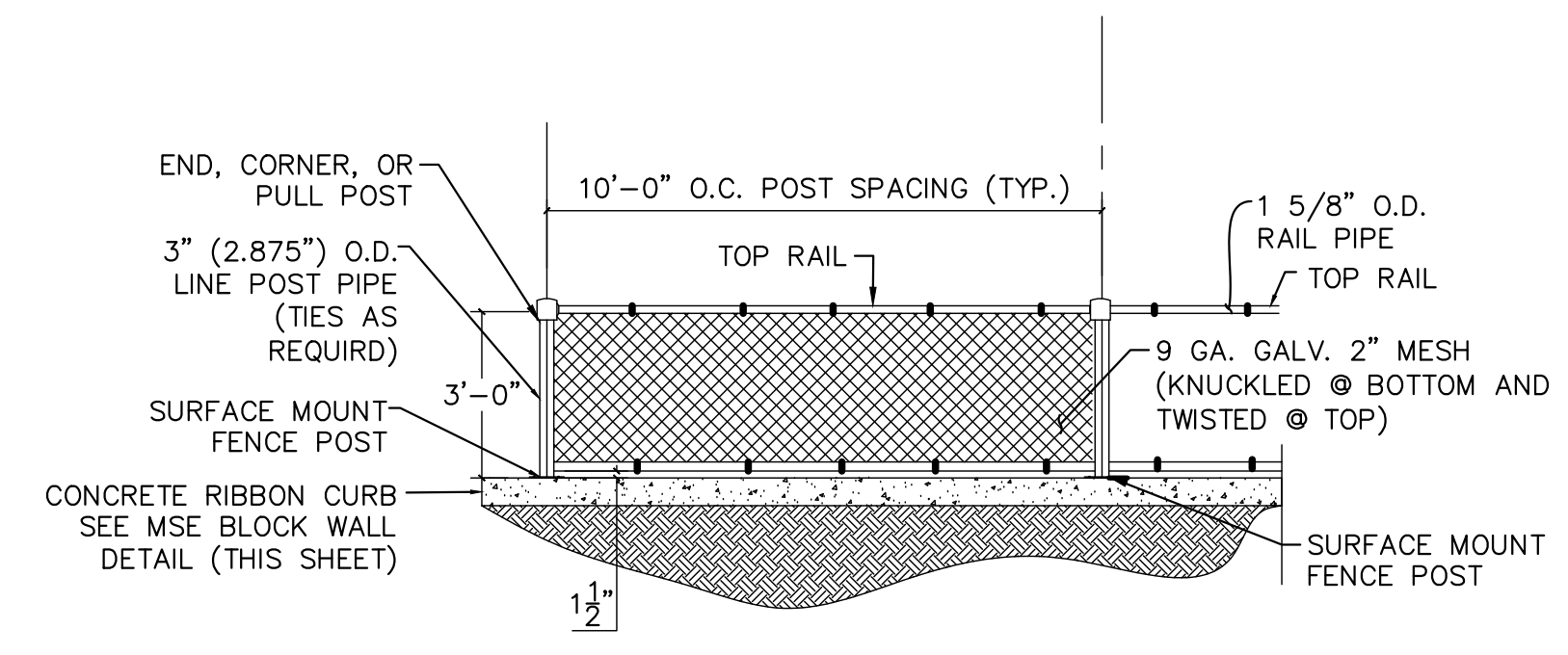
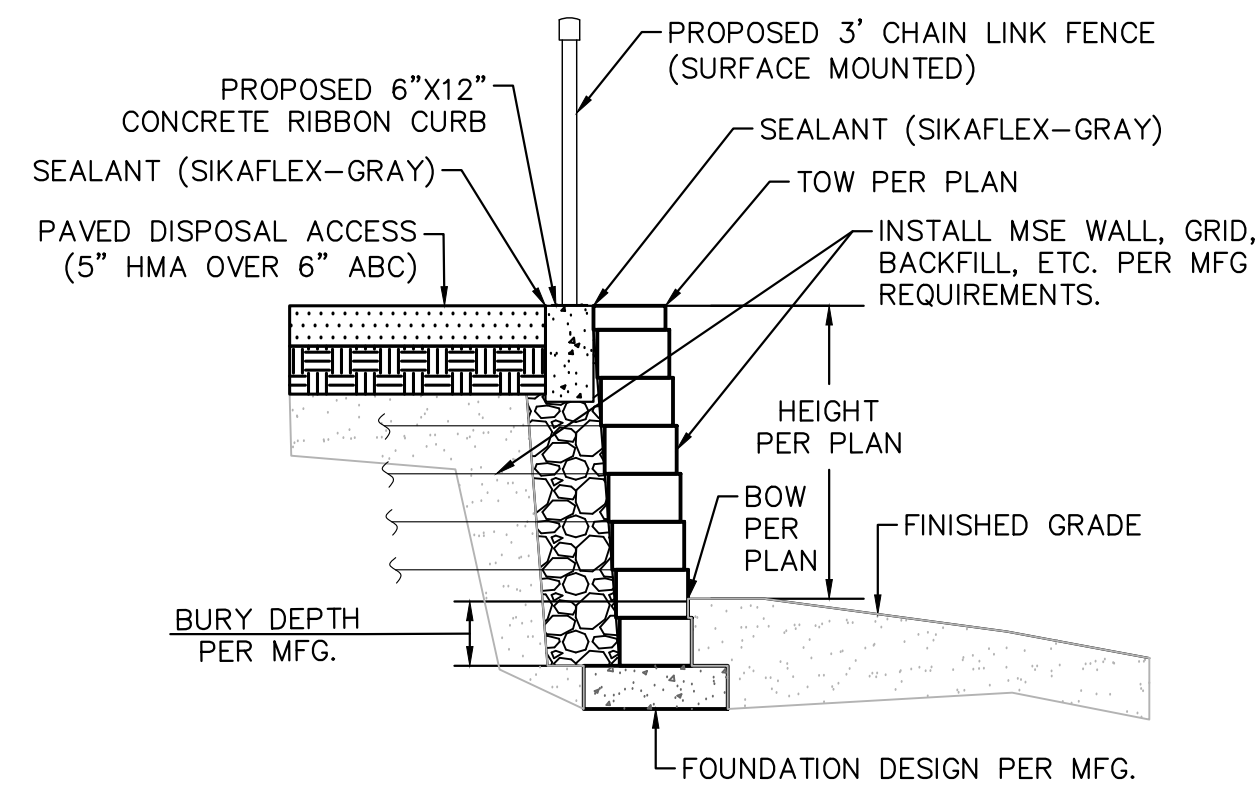


K:\COS\_Civil\196489000\_Barbarick Waste Transfer\CADD\PlanSheets\CDs\CD\_DT-196489000.dwg Schmelbach, Ryan 12/5/2023 4:00 PM

Note: Regional Building Department permit required for all retaining walls greater than or equal to 4 ft in height.

**MSE BLOCK RETAINING WALL NOTES:**

- 1.1 FOR GEOTECHNICAL RECOMMENDATIONS, SEE GEOTECHNICAL REPORT (JOB NO. 194534) PREPARED BY RMG ENGINEERS / ARCHITECTS DATED OCTOBER 23, 2023
- 1.2 WALL BACKFILL MATERIAL, PLACEMENT AND COMPACTION SHOULD COMPLY IN FULL WITH THE PROJECT SPECIFICATIONS. COMPACTION OF EACH LIFT ADJACENT TO WALLS SHALL BE ACCOMPLISHED WITH HAND OPERATED TAMPERS OR OTHER LIGHTWEIGHT COMPACTORS. FLOODING OR JETTING IS PROHIBITED. USE LOW EXPANSION POTENTIAL MATERIALS.
- 1.3 WALLS ARE TO BE SUITABLY BRACED DURING BACKFILLING TO PREVENT DAMAGE AND EXCESSIVE DEFLECTION. CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS AGAINST HEAVY CONSTRUCTION EQUIPMENT IN THE VICINITY OF RETAINING WALLS.
- 1.4 SEE PROJECT PLANS FOR WALL LAYOUT AND FINISHED GRADE ELEVATIONS.
- 1.5 WALL FOOTINGS TO BE PLACED ON MATERIAL PREPARED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND GEOTECHNICAL REPORT.
- 1.6 ALL WORK (MASONRY, CONCRETE, STEEL) AND MATERIALS TO CONFORM IN FULL WITH PROJECT SPECIFICATIONS.
- 1.7 SITE MSE BLOCK WALLS SHALL BE DESIGN/BUILD BY CONTRACTOR, INCLUDING A DESIGN SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF COLORADO. WALLS SHALL BE COLORED TO MATCH THE BUILDING ARCHITECTURE. WALL DESIGN SHALL BE SUBMITTED TO THE ENGINEER OF RECORD AND ARCHITECT OF RECORD BY CONTRACTOR FOR REVIEW.
- 1.8 RAILING/FENCING SHALL BE REQUIRED AT ALL LOCATIONS WHERE THE WALL IS 30" TALL OR TALLER AND RESIDES WITHIN 36" OF A WALKING SURFACE



Provide updated MHFD-Detention calcs to reflect the modified restrictor plate.

**Kimley»Horn**  
2023 KIMLEY-HORN AND ASSOCIATES, INC.  
2 North Nevada Avenue Suite 900  
Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: E.JG  
DRAWN BY: RES  
CHECKED BY: E.JG  
DATE: 12/5/2023

BARBARICK WASTE TRANSFER STATION  
EL PASO COUNTY, COLORADO  
CONSTRUCTION DOCUMENTS  
CONSTRUCTION DETAILS

PRELIMINARY  
FOR REVIEW ONLY  
NOT FOR CONSTRUCTION  
**Kimley»Horn**  
Kimley-Horn and Associates, Inc.

PROJECT NO.  
196489000

SHEET

C6.1

PCD FILE NO. CDR-XX-XXX



K:\COS\_Civil\196489000\_Barbarick Waste Transfer\CADD\PlanSheets\COS\_CD\_DT-196489000.dwg Schmelbach, Ryan 12/5/2023 4:00 PM

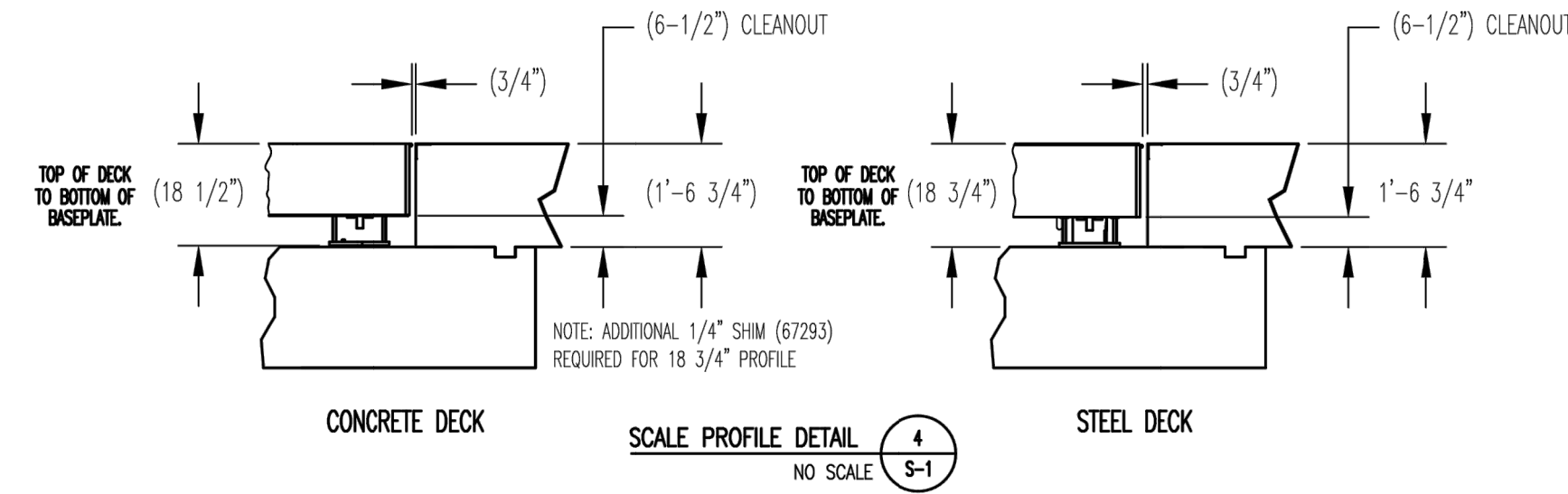
RLWS PART NO.	DIMENSION	
	A-A	B-B
99101 (40' X 10')	11'-0"	8'-2 1/4"
86587 (40' X 11')	12'-0"	9'-2 1/4"
99102 (40' X 12')	13'-0"	10'-2 1/4"

MATERIAL REQUIREMENTS - P/N 99101 (40' X 10')				
REBAR SCHEDULE				
BAR NO.	QUANTITY	BAR SIZE	LENGTH & DESCRIPTION	WEIGHT
A	34	#5	2'-0" @ 8" O.C.	71
B	48	#5	9'-6" @ 12" O.C.	475
C	144	#5	10'-6"	1573
D	34	#5	41'-6"	1467
TOTAL WEIGHT OF REBAR				3585
CONCRETE SCHEDULE				
APPROACHES (2)				12.5 YDS.
FOUNDATION				17.5 YDS.
TOTAL YARDS OF CONCRETE				30

MATERIAL REQUIREMENTS - P/N 86587 (40' X 11')				
REBAR SCHEDULE				
BAR NO.	QUANTITY	BAR SIZE	LENGTH & DESCRIPTION	WEIGHT
A	36	#5	2'-0" @ 8" O.C.	75
B	52	#5	9'-6" @ 12" O.C.	514
C	144	#5	11'-6"	1722
D	36	#5	41'-6"	1554
TOTAL WEIGHT OF REBAR				3865
CONCRETE SCHEDULE				
APPROACHES (2)				13.5 YDS.
FOUNDATION				19 YDS.
TOTAL YARDS OF CONCRETE				32.5

MATERIAL REQUIREMENTS - P/N 99102 (40' X 12')				
REBAR SCHEDULE				
BAR NO.	QUANTITY	BAR SIZE	LENGTH & DESCRIPTION	WEIGHT
A	38	#5	2'-0" @ 8" O.C.	79
B	56	#5	9'-6" @ 12" O.C.	553
C	144	#5	12'-6"	1872
D	38	#5	41'-6"	1640
TOTAL WEIGHT OF REBAR				4144
CONCRETE SCHEDULE				
APPROACHES (2)				14.5 YDS.
FOUNDATION				20.5 YDS.
TOTAL YARDS OF CONCRETE				35

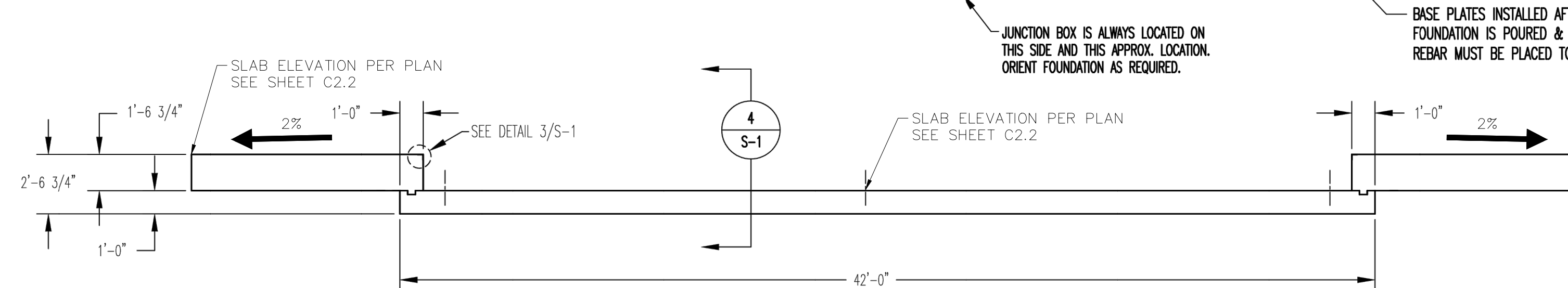
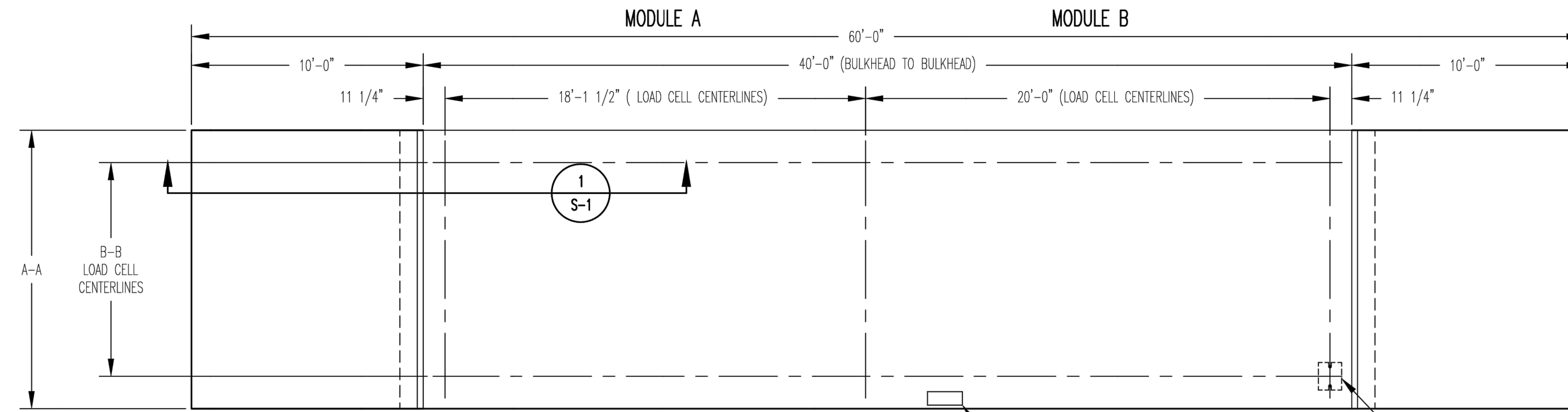
REVISIONS			
REV	REFERENCE	INIT	DATE
A	ADDED TABULATION	DS	2/7/07



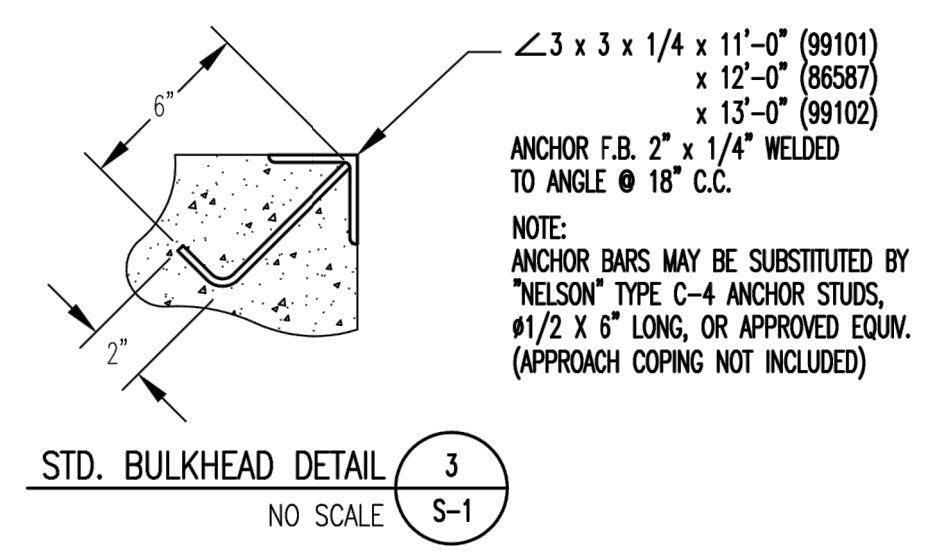
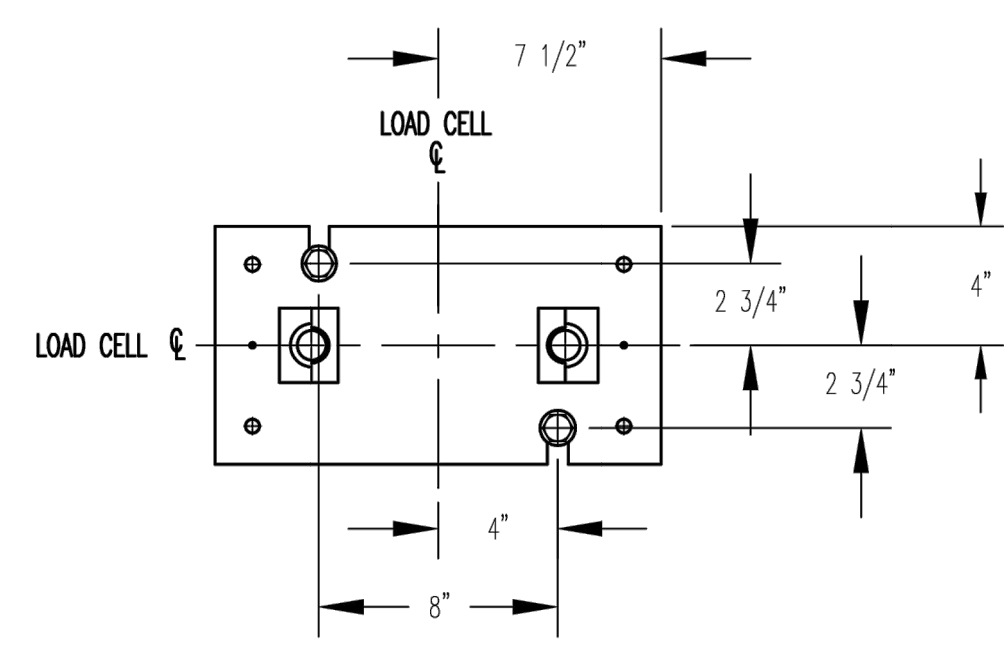
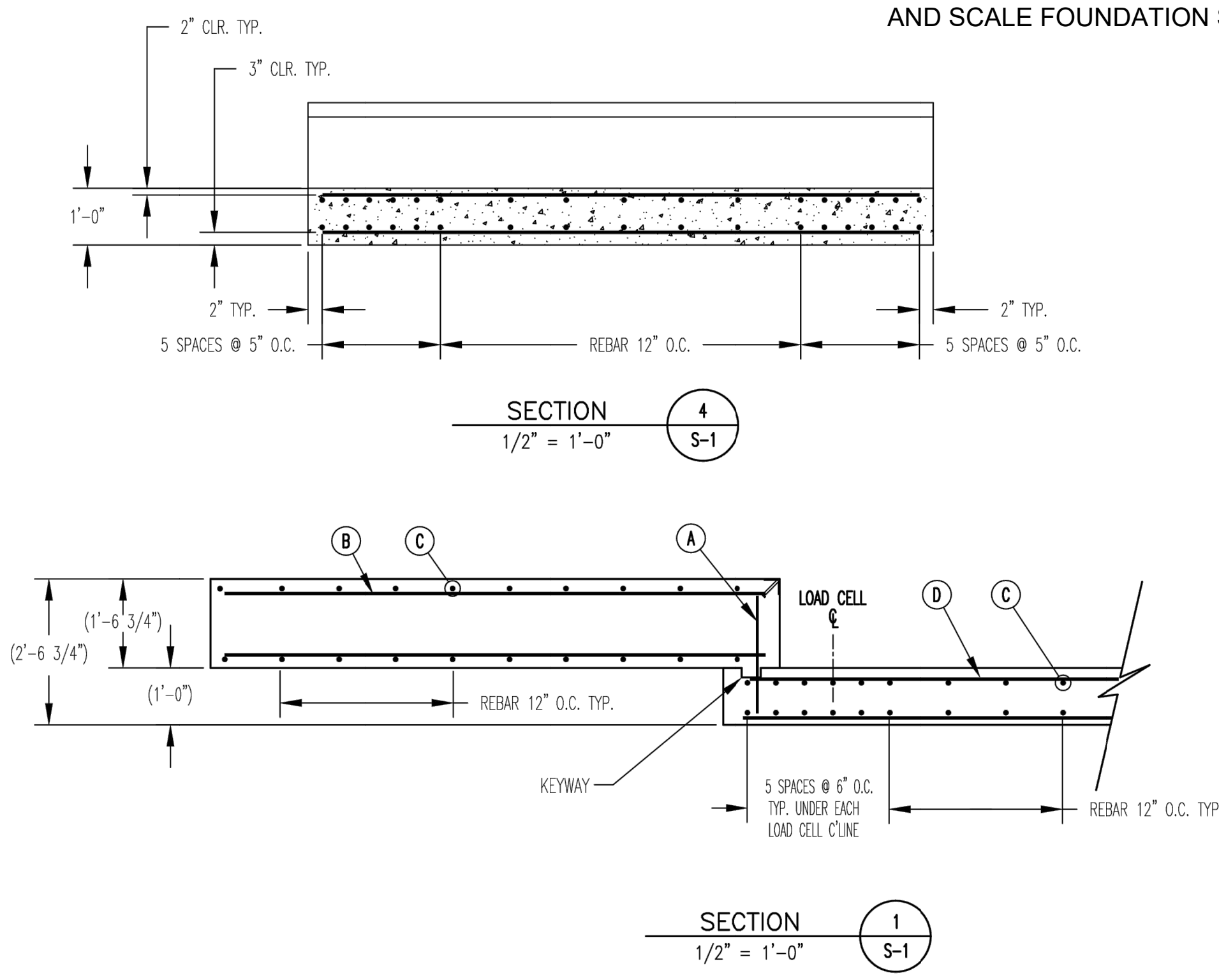
- NOTE:**
- DESIGN STRESSES:**
    - 1.1) CONCRETE:  $f'_c = 4500$  PSI @ 28 DAYS, MAXIMUM SLUMP 2".
    - 1.2) REINFORCING STEEL: DEFORMED BARS ASTM A615 GRADE 60, UNLESS OTHERWISE NOTED.
    - 1.3) STEEL: STRUCTURAL ASTM A36
  - CONTRACTOR NOTE:**
    - 2.1) STRUCTURAL CONCRETE MEMBERS ARE DESIGNED FOR "IN PLACE" LOADS. CONTRACTOR IS RESPONSIBLE FOR BRACING ALL STRUCTURAL ELEMENTS (AS REQUIRED AT ANY STAGE OF CONSTRUCTION) UNTIL COMPLETION OF THIS PROJECT. SHOP DRAWINGS ARE SUBMITTED TO ARCHITECT/ENGINEER FOR APPROVAL (3 SETS REQUIRED).
    - 2.2) SOME STATES REQUIRE CONCRETE CLEANOUTS. CHECK WITH STATE AND LOCAL CODES BEFORE PROCEEDING WITH CONSTRUCTION.
    - 2.3) MONOLITHIC POUR OF SLAB AND PIERS IS ALLOWED, AT CONTRACTOR'S DISCRETION.
    - 2.4) STATE AND LOCAL AGENCIES MAY HAVE VARIOUS REQUIREMENTS FOR APPROACH RAMP LENGTH, PITCH, AND FOR CLEAN OUT HEIGHT. PLEASE CHECK WITH ALL AGENCIES PRIOR TO CONSTRUCTION.

- DIVISION 2**
- SITE PREPARATION:**
    - 3.1) FOOTINGS SHALL BEAR ON NATURAL UNDISTURBED SOIL OR ENGINEERED FILL.
    - 3.2) DEVELOP AND MAINTAIN SITE GRADES WHICH WILL RAPIDLY DRAIN SURFACE AND ROOF RUN-OFF AWAY FROM FOUNDATION.
    - 3.3) ALL FILL SHALL BE COMPACTED TO 95 - 98 PERCENT OF STANDARD PROCTOR DENSITY (ASTM 698).
    - 3.4) FOOTINGS HAVE BEEN DESIGNED FOR A MINIMUM SOIL PRESSURE OF 3000 PSF IN LIEU OF SOIL BORINGS. IT WILL BE THE RESPONSIBILITY OF OTHERS TO VERIFY THIS VALUE.

- DIVISION 3**
- CONCRETE:**
    - 4.1) CODE FOR REINFORCED CONCRETE ACI 318 LATEST EDITION.
    - 4.2) WHERE REINFORCING BARS ARE SHOWN CONTINUOUS, LAP SPLICE BARS 40 DIAMETERS.
    - 4.3) UNLESS SHOWN OTHERWISE, PROVIDE 2" CONCRETE COVER ON ALL REINFORCING STEEL (3" AT FOOTING REINF.).
    - 4.4) PROVIDE SUITABLE SUPPORT OF ALL REINFORCING TO PREVENT DISPLACEMENT DURING CURING.
    - 4.5) ALL EXPANSION BOLTS SHALL BE "KwikBolt", "Wejit", OR EQUAL.
    - 4.6) ALL CONCRETE TO HAVE 5-8% ENTRAINED AIR BY VOLUME.
    - 4.7) CONCRETE SHOULD NOT CONTAIN FLY ASH.
    - 4.8) PORTLAND CEMENT: ASTM C150, TYPE 1; AGGREGATE - 3/4".
    - 4.9) WATER: CLEAN, POTABLE AND FREE OF DELETERIOUS AMOUNTS OF ACIDS, ALKALINES AND ORGANIC MATERIALS.
    - 4.10) CONCRETE: SHALL BE MAINTAINED ABOVE 50° F.; AND IN A MOIST CONDITION FOR AT LEAST 7 DAYS FOR NORMAL CONCRETE AND 3 DAYS FOR HIGH-EARLY STRENGTH CONCRETE. HOT AND COLD WEATHER PROTECTION ASTM C-94.
    - 4.11) THE CONCRETE SUPPLIER OR HIS REPRESENTATIVE SHALL TAKE A SET OF 3 CYLINDERS FOR EVERY TRUCK LOAD OF CONCRETE POURED, OR A MINIMUM OF ONE SET PER ANY ONE POUR. THE CYLINDERS WILL BE MARKED WITH THE LOCATION OF WHERE THEY WERE TAKEN, THE NUMBER OF THE TRUCK THAT HAULED THE CONCRETE AND THE DATE AND TIME THE CYLINDERS WERE TAKEN. THE CYLINDERS ARE TO BE TAKEN ACCORDING TO ACCEPTED PRACTICES BY ASTM C31, C39 AND C172 USING APPROVED CYLINDER FORMS.
    - 4.12) THE OWNER SHALL BE RESPONSIBLE FOR STORING THE CYLINDERS AND MAINTAINING THEM IN GOOD CONDITION.
    - 4.13) THE OWNER SHALL HAVE ONE CYLINDER FOR EACH SET BROKE AT 7 DAYS AND A SECOND CYLINDER OF EACH SET BROKE AT 28 DAYS BY AN APPROVED TESTING COMPANY. THE THIRD CYLINDER OF EACH SET SHALL BE RETAINED AT THE SITE.
    - 4.14) THE OWNER OR OWNER'S REP SHALL RECEIVE WRITTEN COPIES OF THE TESTING COMPANY'S REPORT IN A TIMELY MANNER, AND PROVIDE THEM TO THE MANUFACTURER AT THEIR REQUEST.
    - 4.15) CONTRACTOR MUST SUPPLY CONCRETE DESIGN MIX TO OWNER OR OWNER'S REP AND A/E PRIOR TO STARTING CONSTRUCTION.
  5. SLAB TO BE LEVEL WITHIN 1/4".
  6. APPROACHES TO BE A COMMON PLANE WITHIN 1/4".
  7. TOP OF REBAR MUST BE PLACED TO CLEAR THE ANCHOR BOLTS. ANCHOR BOLTS ARE TO BE INSTALLED AFTER FOUNDATION HAS CURED.



REFERENCE SHEET C2.2 FOR DETAILED GRADING AND SCALE FOUNDATION SLAB ELEVATIONS



OWNER: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 SCALE DEALER: \_\_\_\_\_  
 CONTRACTOR: \_\_\_\_\_  
 REF: \_\_\_\_\_ DATE: \_\_\_\_\_

THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS AND REMAINS THE PROPERTY OF RICE LAKE WEIGHING SYSTEMS INC. AND IS CONFIDENTIAL. IT IS SUBMITTED AND MAY BE USED ONLY IN CONNECTION WITH RICE LAKE WEIGHING SYSTEMS' PROPOSAL AND/OR ITS CUSTOMERS' ORDERS. IT SHALL NOT BE DISCLOSED TO OTHERS OR COPIED WITHOUT RICE LAKE WEIGHING SYSTEMS' SPECIFIC WRITTEN CONSENT AND SHALL BE IMMEDIATELY RETURNED UPON REQUEST.

TITLE: FOUNDATION, CONCRETE SLAB 40' OTR SERIES TRUCK SCALES

DR. BY: SLJ CRD  
 DATE: 10/4/04 APPR  
 RICE LAKE WEIGHING SYSTEMS  
 RICE LAKE WISCONSIN  
 SCALE: 1/4"=1'-0" SHEET 1 OF 1 REVISION A DWG NO 86587

**Kimley»Horn**  
 2023 KIMLEY-HORN AND ASSOCIATES, INC.  
 2 North Nevada Avenue Suite 900  
 Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: E:JG  
 DRAWN BY: RES  
 CHECKED BY: E:JG  
 DATE: 12/5/2023

BARBARICK WASTE TRANSFER STATION  
 EL PASO COUNTY, COLORADO  
 CONSTRUCTION DOCUMENTS  
 SCALE DETAIL

PRELIMINARY  
 FOR REVIEW ONLY  
 NOT FOR CONSTRUCTION  
 Kimley»Horn  
 Kimley-Horn and Associates, Inc.

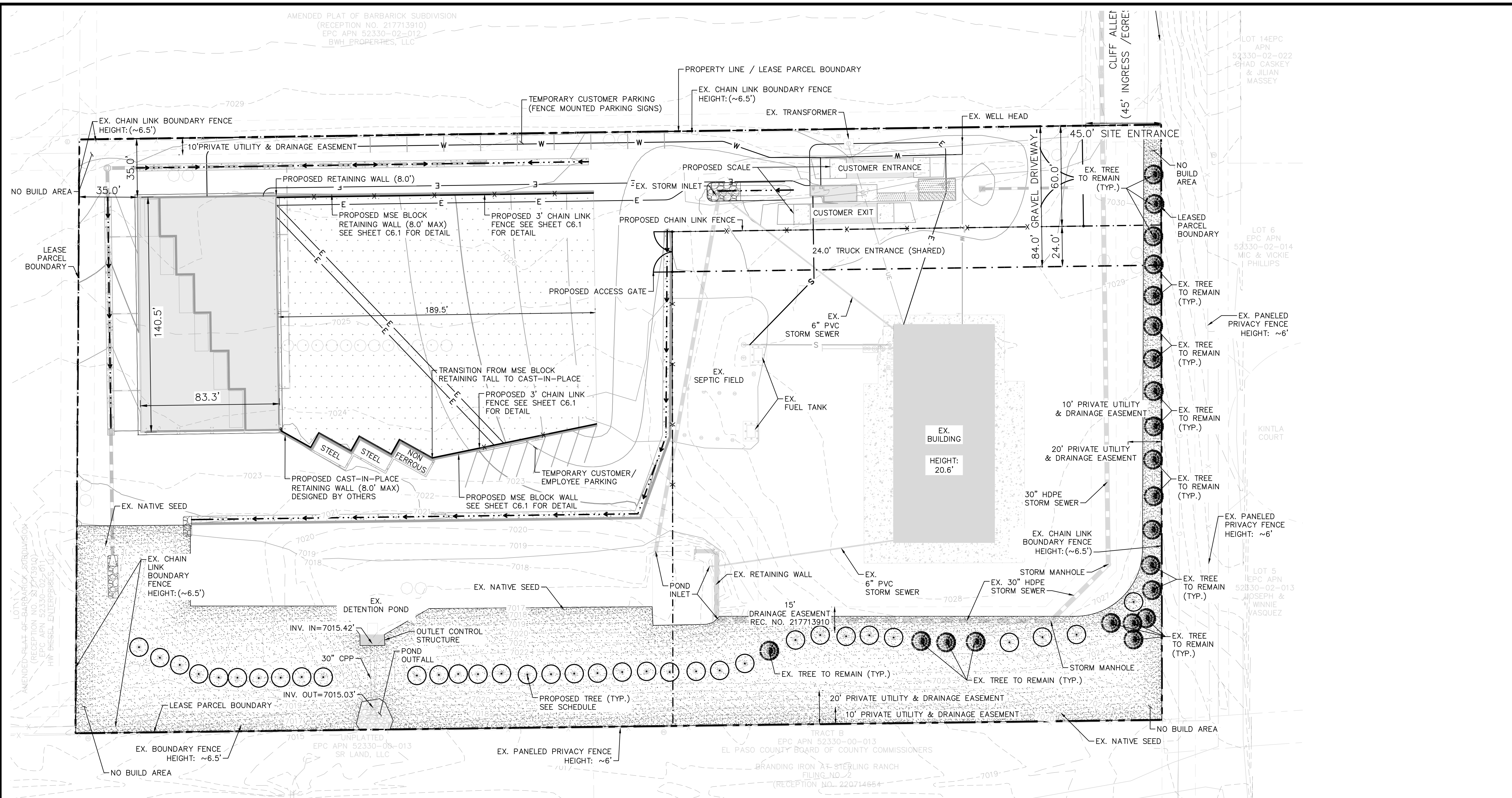
PROJECT NO.  
 196489000  
 SHEET

C6.2

PCD FILE NO. CDR-XX-XXX



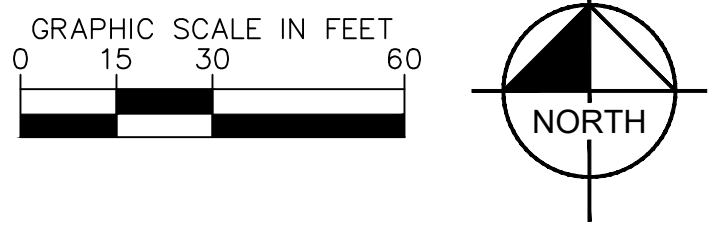
K:\COS\_Civil\196489000\_Borbarick Waste Transfer\CADD\PlanSheets\CDS\DP\_LA.dwg Schnelbach, Ryan 12/5/2023 4:01 PM



**PLANT SCHEDULE**

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT. SIZE	SIZE/CAL.	WIDTH	HEIGHT
<b>EVERGREEN TREES</b>							
●	PP	34	PINUS PONDEROSA / PONDEROSA PINE	B & B	6' HGT.	30'-40'	60'
<b>EXISTING TREES TO REMAIN</b>							
⊙	EX	22	..... EXISTING TREE TO REMAIN				
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	TYPE	INSTALL RATE	WEED FABRIC	MFR.
<b>GROUND COVERS</b>							
SEED		50,413 SF	EXISTING NATIVE SEED TO REMAIN / EPC LOW GROW MIX INSTALL PER TABLE S-2. SUBMIT SUPPLIER CUT-SHEET FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.	SEED	PER CHART		PAWNEE BUTTES SEED

NOTE: THIRTY-FOUR (34) OF THE ORIGINALLY PLANTED TREES HAVE DIED AND SHALL BE REPLACED WITH PONDEROSA PINES PER THE LANDSCAPE PLAN ABOVE.



**LEGEND**

- — — — — PROPERTY LINE
- - - - - LEASED PARCEL BOUNDARY
- - - - - EXISTING UTILITY & DRAINAGE EASEMENT
- - - - - PROPOSED TRUCK TURN MOVEMENT
- - - - - EXISTING FENCE
- — — — — EXISTING STORM SEWER
- — — — — EXISTING GAS MAIN
- \* EXISTING VEGETATION
- ⊙ EXISTING TRANSFORMER
- PROPOSED ASPHALT
- PROPOSED CONCRETE



CALL UTILITY NOTIFICATION CENTER OF COLORADO  
1-800-922-1987  
CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND UTILITIES

**Kimley»Horn**  
2023 KIMLEY-HORN AND ASSOCIATES, INC.  
2 North Nevada Avenue, Suite 900  
Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: EJJ  
DRAWN BY: RES  
CHECKED BY: EJJ  
DATE: 12/5/2023

**BARBARICK WASTE TRANSFER STATION**  
EL PASO COUNTY, COLORADO  
CONSTRUCTION DOCUMENTS  
**LANDSCAPE PLAN**

**PRELIMINARY**  
FOR REVIEW ONLY  
NOT FOR CONSTRUCTION  
**Kimley»Horn**  
Kimley-Horn and Associates, Inc.

PROJECT NO.  
196489000  
SHEET  
**L7.0**

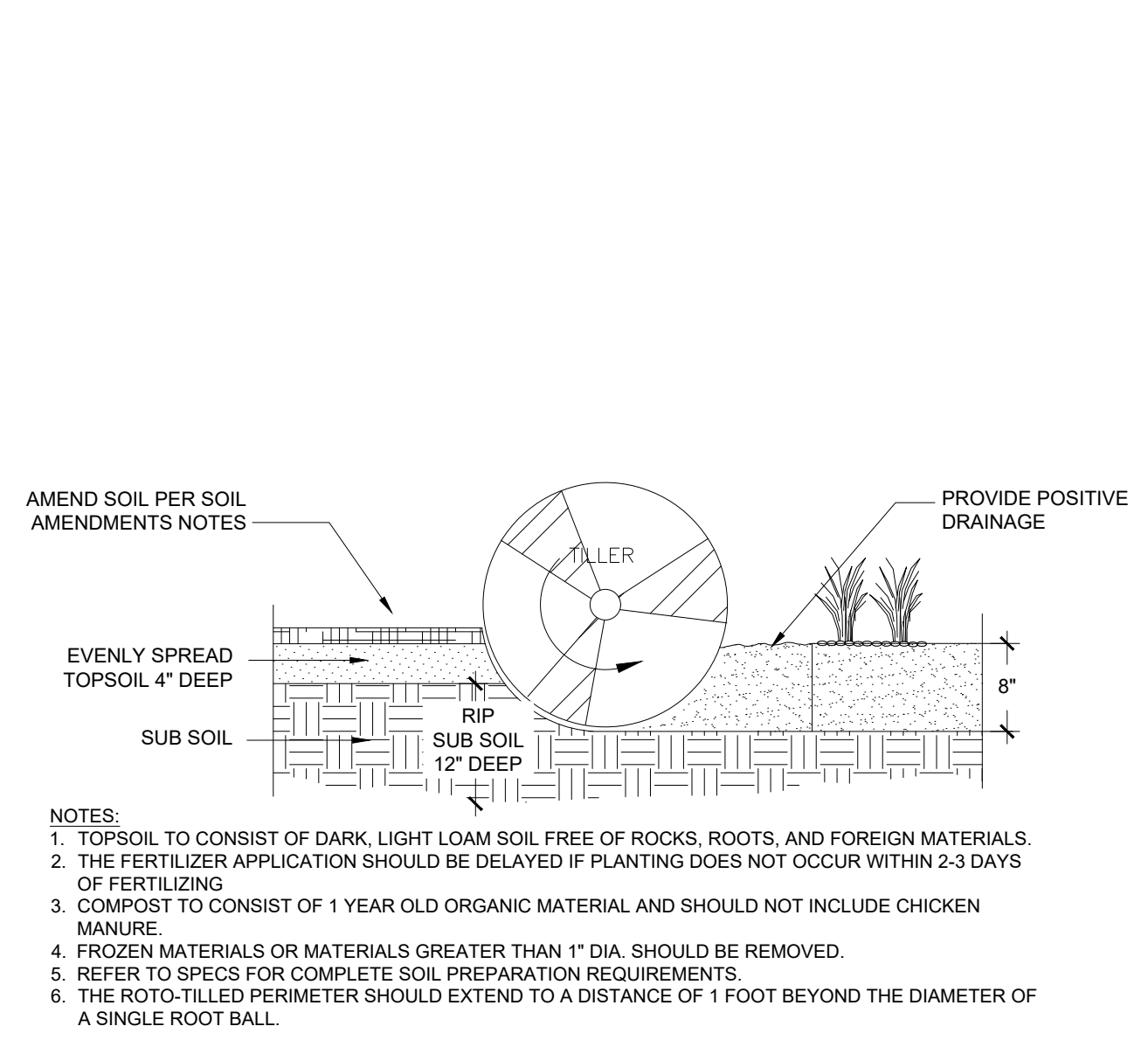
PCD FILE NO. CDR-XX-XXX



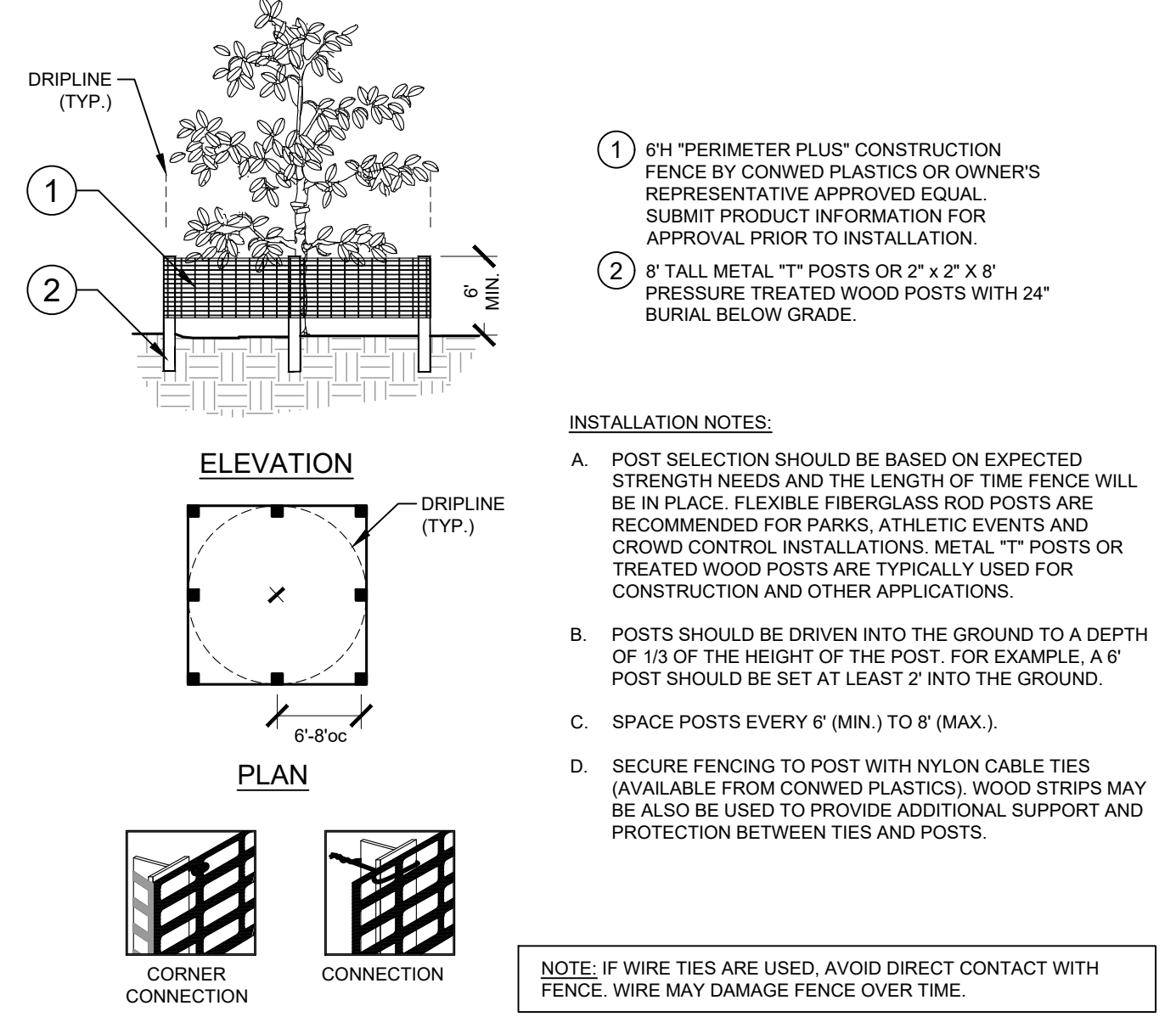




K:\COS\_Civil\196489000\_Barbarick Waste Transfer\CADD\PlanSheets\CDS\DP\_LA.dwg Schnelbach, Ryan 12/5/2023 4:01 PM



**1 SOIL PREP**  
 NTS 196-489-000-01



**2 EVERGREEN TREE PLANTING**  
 NTS 196-489-000-12

**3 TREE PROTECTION FENCING**  
 ELEVATION / PLAN NTS

**Table B. El Paso County All-Purpose Low Grow Mix for Upland and Transition Areas**

Common Name	Scientific Name	Growth Season/Form	% of Mix	Pounds PLS		
				Irrigated broadcast Irrigated hydroseeded (80 seeds/sq ft)	non-irrigated broadcast non-irrigated hydroseeded irrigated drilled (40 seeds/sq ft)	non-irrigated drilled (20 seeds/sq ft)
Buffalograss	<i>Buchloe dactyloides</i>	Warm, sod	25	9.6	4.8	2.4
Blue Grama	<i>Bouteloua gracilis</i>	Warm, bunch	20	10.8	5.4	2.7
Sideoats Grama	<i>Bouteloua curtipendula</i>	Warm, bunch	29	5.6	2.8	1.4
Green Needlegrass	<i>Nassella viridula</i>	Cool, bunch	5	3.2	1.6	0.8
Western Wheatgrass	<i>Pascopyrum smithii</i>	Cool, sod	20	12.0	6.0	3.0
Sand Dropseed	<i>Sporobolus cryptandrus</i>	Warm, bunch	1	0.8	0.4	0.2
Seed rate (lbs PLS/acre)				42.0	21.0	10.3

**Kimley»Horn**  
 2023 KIMLEY-HORN AND ASSOCIATES, INC.  
 2 North Nevada Avenue, Suite 900  
 Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: EJJ  
 DRAWN BY: RES  
 CHECKED BY: EJJ  
 DATE: 12/5/2023

BARBARICK WASTE TRANSFER STATION  
 EL PASO COUNTY, COLORADO  
 CONSTRUCTION DOCUMENTS  
 LANDSCAPE DETAILS

PRELIMINARY  
 FOR REVIEW ONLY  
 NOT FOR CONSTRUCTION  
**Kimley»Horn**  
 Kimley-Horn and Associates, Inc.

PROJECT NO.  
 196489000  
 SHEET  
**L7.2**

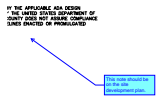


PCD FILE NO. CDR-XX-XXX



# Construction Drawings (Plans-Profiles) Comments.pdf Markup Summary

Carlos (7)



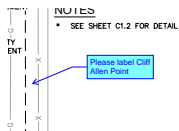
**Subject:** Callout  
**Page Label:** [1] C0.0 COVER SHEET  
**Author:** Carlos  
**Date:** 1/25/2024 5:09:54 PM  
**Color:** ■

This note should be on the site development plan.



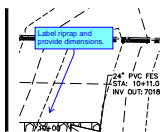
**Subject:** Callout  
**Page Label:** [2] C1.0 DEMOLITION PLAN  
**Author:** Carlos  
**Date:** 1/25/2024 4:09:24 PM  
**Color:** ■

Please label Cliff Allen Point



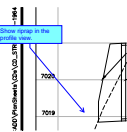
**Subject:** Callout  
**Page Label:** [3] C1.1 OVERALL SITE PLAN  
**Author:** Carlos  
**Date:** 1/25/2024 4:32:01 PM  
**Color:** ■

Please label Cliff Allen Point



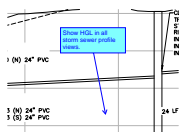
**Subject:** Callout  
**Page Label:** [9] C3.1 STORM PLAN & PROFILE  
**Author:** Carlos  
**Date:** 1/25/2024 4:34:57 PM  
**Color:** ■

Label riprap and provide dimensions.



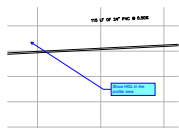
**Subject:** Callout  
**Page Label:** [9] C3.1 STORM PLAN & PROFILE  
**Author:** Carlos  
**Date:** 1/25/2024 4:35:12 PM  
**Color:** ■

Show riprap in the profile view.



**Subject:** Callout  
**Page Label:** [9] C3.1 STORM PLAN & PROFILE  
**Author:** Carlos  
**Date:** 1/25/2024 4:35:33 PM  
**Color:** ■

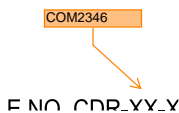
Show HGL in all storm sewer profile views.



**Subject:** Callout  
**Page Label:** [10] C3.2 STORM PLAN & PROFILE  
**Author:** Carlos  
**Date:** 1/25/2024 4:36:23 PM  
**Color:** ■

Show HGL in the profile view

Glenn Reese - EPC Stormwater (4)



**Subject:** SW - Textbox with Arrow  
**Page Label:** [1] C0.0 COVER SHEET  
**Author:** Glenn Reese - EPC Stormwater  
**Date:** 1/25/2024 1:35:24 PM  
**Color:** ■

COM2346

E:\NO\_CDR\_YY\_X

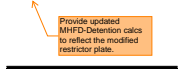




**Subject:** SW - Textbox with Arrow  
**Page Label:** [7] C2.2 DETAILED GRADING PLAN  
**Author:** Glenn Reese - EPC Stormwater  
**Date:** 1/25/2024 6:48:06 AM  
**Color:** ■

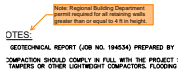
Provide depth of riprap

**MODIFICATION**



**Subject:** SW - Textbox with Arrow  
**Page Label:** [17] C6.1 CONSTRUCTION DETAILS  
**Author:** Glenn Reese - EPC Stormwater  
**Date:** 1/25/2024 1:31:48 PM  
**Color:** ■

Provide updated MHFD-Detention calcs to reflect the modified restrictor plate.



**Subject:** SW - Textbox with Arrow  
**Page Label:** [17] C6.1 CONSTRUCTION DETAILS  
**Author:** Glenn Reese - EPC Stormwater  
**Date:** 1/25/2024 2:31:14 PM  
**Color:** ■

Note: Regional Building Department permit required for all retaining walls greater than or equal to 4 ft in height.