

**DEMOLITION NOTES:**

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- IF BUILDING DEMOLITION IS REQUIRED, REFER TO ARCHITECT AND APPLICABLE ENGINEERS FOR DETAILED DEMOLITION INFORMATION.
- REPLACE EXISTING FLATWORK AT UTILITY TRENCHES AS REQUIRED.
- ALL SAWCUTTING AND PAVEMENT REMOVAL SHOULD BE TO THE NEAREST JOINT.
- ALL DRY UTILITY AND ELECTRIC DEMOLITION OR RELOCATION SHOULD BE COORDINATED WITH PROPERTY OWNER, UTILITY OWNER, MECHANICAL ENGINEER, AND ARCHITECT PRIOR TO CONSTRUCTION.
- ALL NECESSARY EROSION AND SEDIMENTATION CONTROLS MUST BE INSTALLED PRIOR TO CONSTRUCTION.
- CONTRACTOR TO COMPLY WITH ALL REGULATORY REQUIREMENTS FOR HAZARDOUS MATERIAL REMOVAL AND DISPOSAL.
- REFER TO GENERAL NOTES FOR TREE PROTECTION. COORDINATE WITH LANDSCAPE ARCHITECT FOR TREE REMOVAL.
- CONTRACTOR TO MAINTAIN SAFE PEDESTRIAN ACCESS, PROVIDE TEMPORARY ROUTE AND SIGNAGE AS NEEDED.
- CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO PROTECT AND MAINTAIN SERVICES DURING CONSTRUCTION.
- CONTRACTOR TO REPAIR/REPLACE ALL DAMAGE TO EXISTING FLATWORK OR SITE FEATURES NOT INTENDED FOR DEMOLITION.

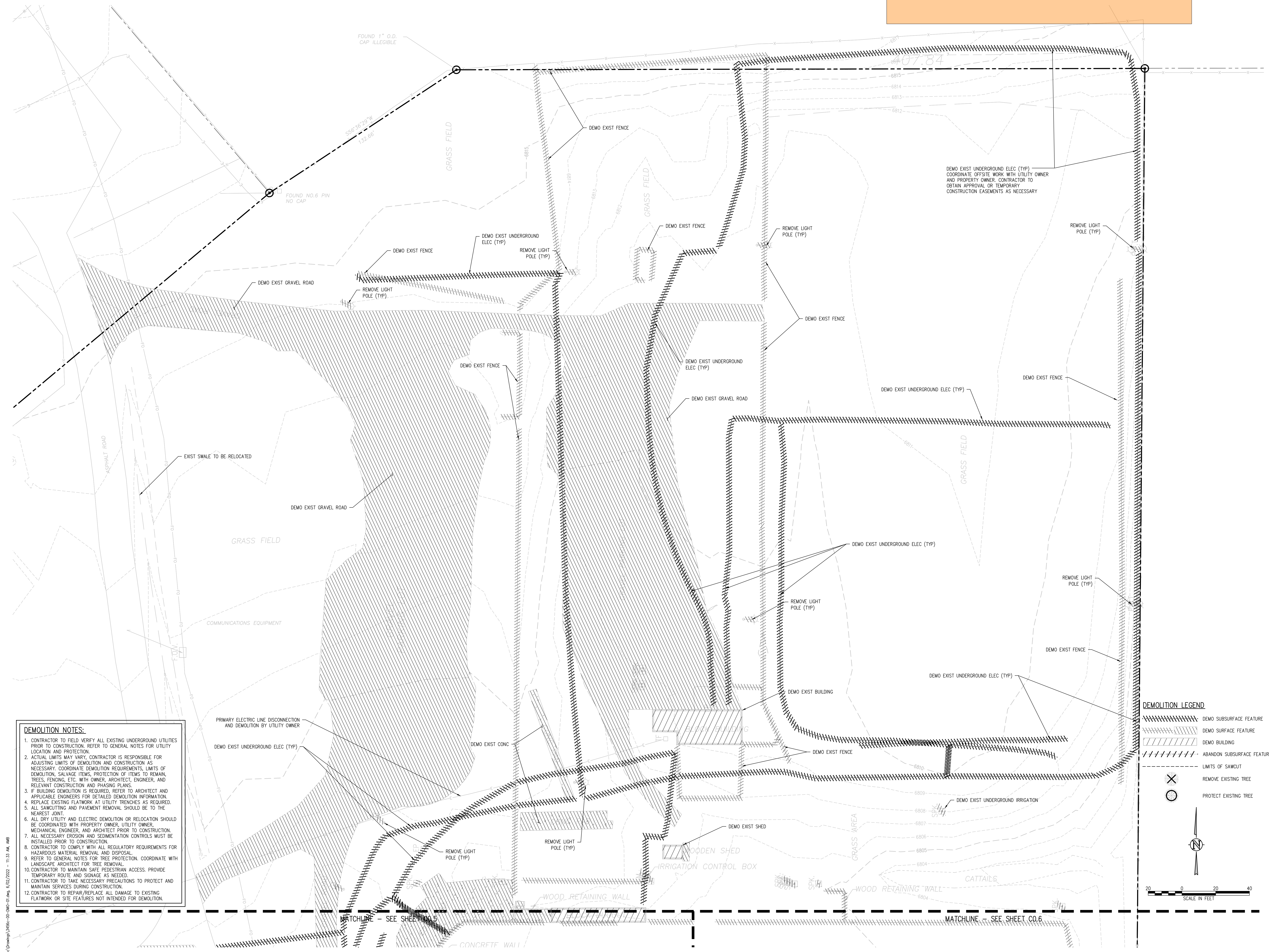
**DEMOLITION LEGEND**

	DEMO SUBSURFACE FEATURE
	DEMO SURFACE FEATURE
	DEMO BUILDING
	ABANDON SUBSURFACE FEATURE
	LIMITS OF SAWCUT
	REMOVE EXISTING TREE
	PROTECT EXISTING TREE

**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



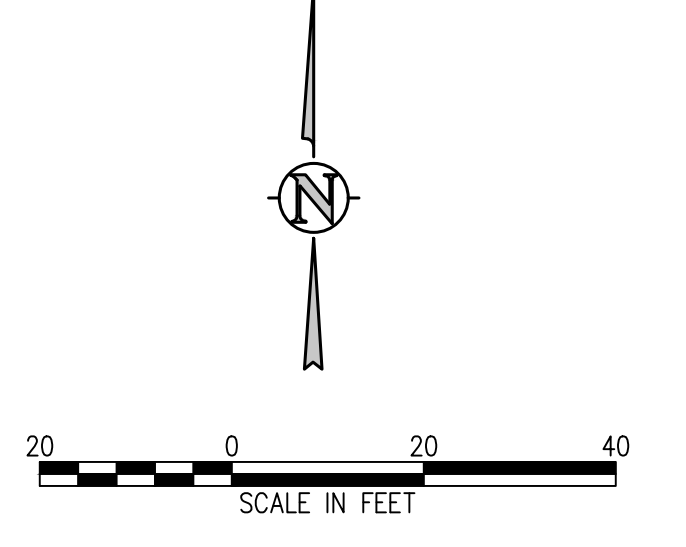
Note: all initial BMPs must be installed and a notice to proceed issued by the County Inspector prior to any soil disturbance.



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**DEMOLITION LEGEND**

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	DEMOS SURFACE FEATURE
	DEMOS BUILDING
	ABANDON SUBSURFACE FEATURE
	LIMITS OF SAWCUT
	REMOVE EXISTING TREE
	PROTECT EXISTING TREE



**D49 TRANSPORTATION CENTER  
 SCHOOL DISTRICT NO 49**  
 11971 SWINGLINE ROAD  
 PEYTON, CO 80831



**DEMOLITION  
 PLAN A**

PROJECT NUMBER: 2021-041.00  
 DATE: 05/23/2022

#	DATE	DESCRIPTION
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		DRAWN BY: TWW/AMB
		DESIGNED BY: CWK

ISSUED FOR CONSTRUCTION DOCUMENTS SHEET NO. C0.4

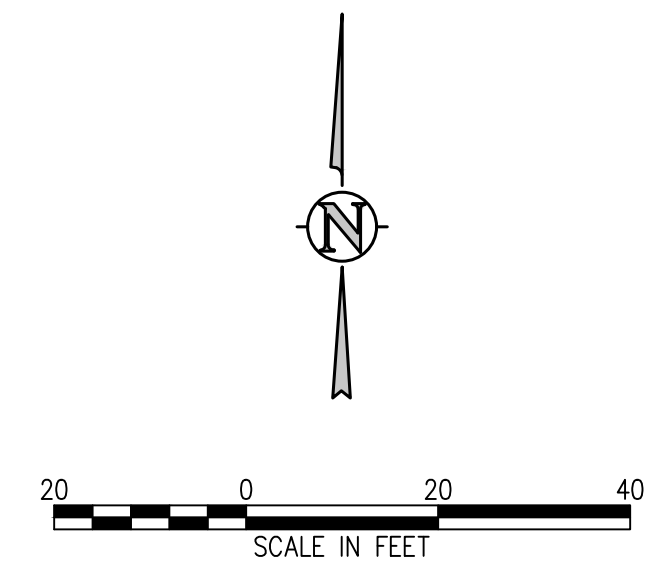
**D49 TRANSPORTATION CENTER**  
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**DEMOLITION LEGEND**

	DEMO SUBSURFACE FEATURE
	DEMO SURFACE FEATURE
	DEMO BUILDING
	ABANDON SUBSURFACE FEATURE
	LIMITS OF SAWCUT
	REMOVE EXISTING TREE
	PROTECT EXISTING TREE



SHEET TITLE  
**DEMOLITION PLAN B**

WTA PROJECT NUMBER  
**2021-041.00**

DATE  
**05/23/2022**

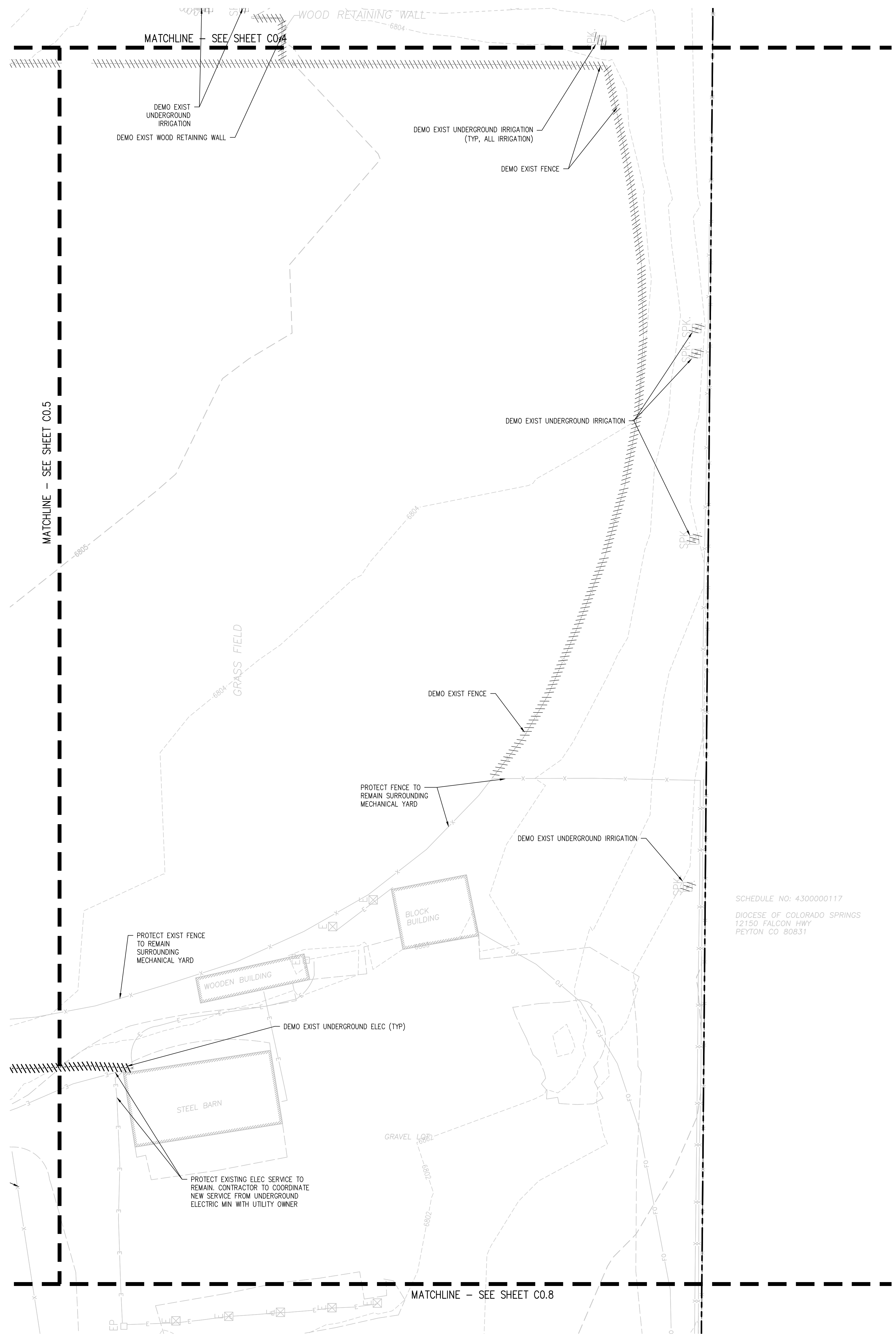
#	DATE	DESCRIPTION

DESIGNED BY: **CWK/HCM**  
CHECKED BY: **TWK/AMB**  
DATE: **CWK**

ISSUED FOR  
**CONSTRUCTION DOCUMENTS**

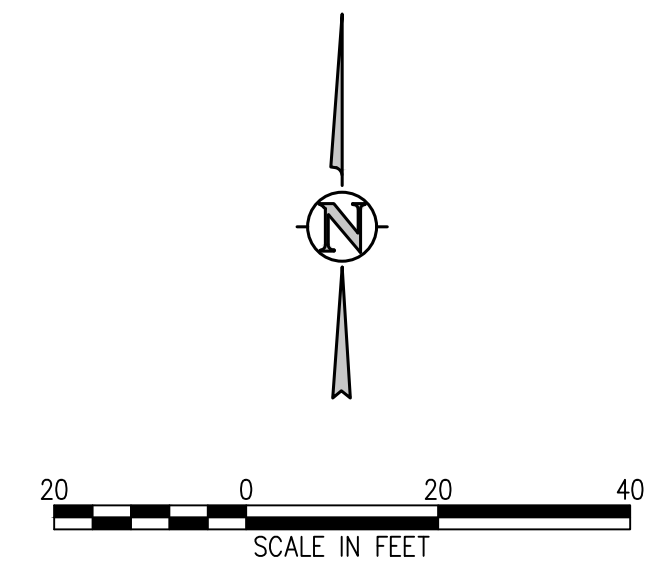
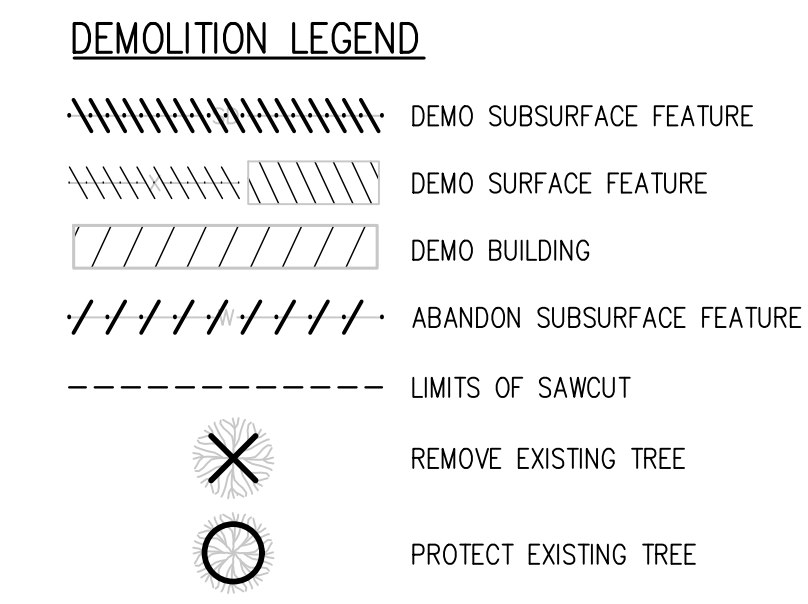
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**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
 11971 SWINGLINE ROAD  
 PEYTON, CO 80831



SCHEDULE NO: 430000117  
 DIOCESE OF COLORADO SPRINGS  
 12150 FALCON HWY  
 PEYTON CO 80831

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REGISTERED PROFESSIONAL ENGINEER  
 TINA TORREY  
 NO. 28699  
 STATE OF COLORADO  
 EXPIRES 5/23/22

WTA PROJECT NUMBER  
**2021-041.00**  
 DATE  
**05/23/2022**

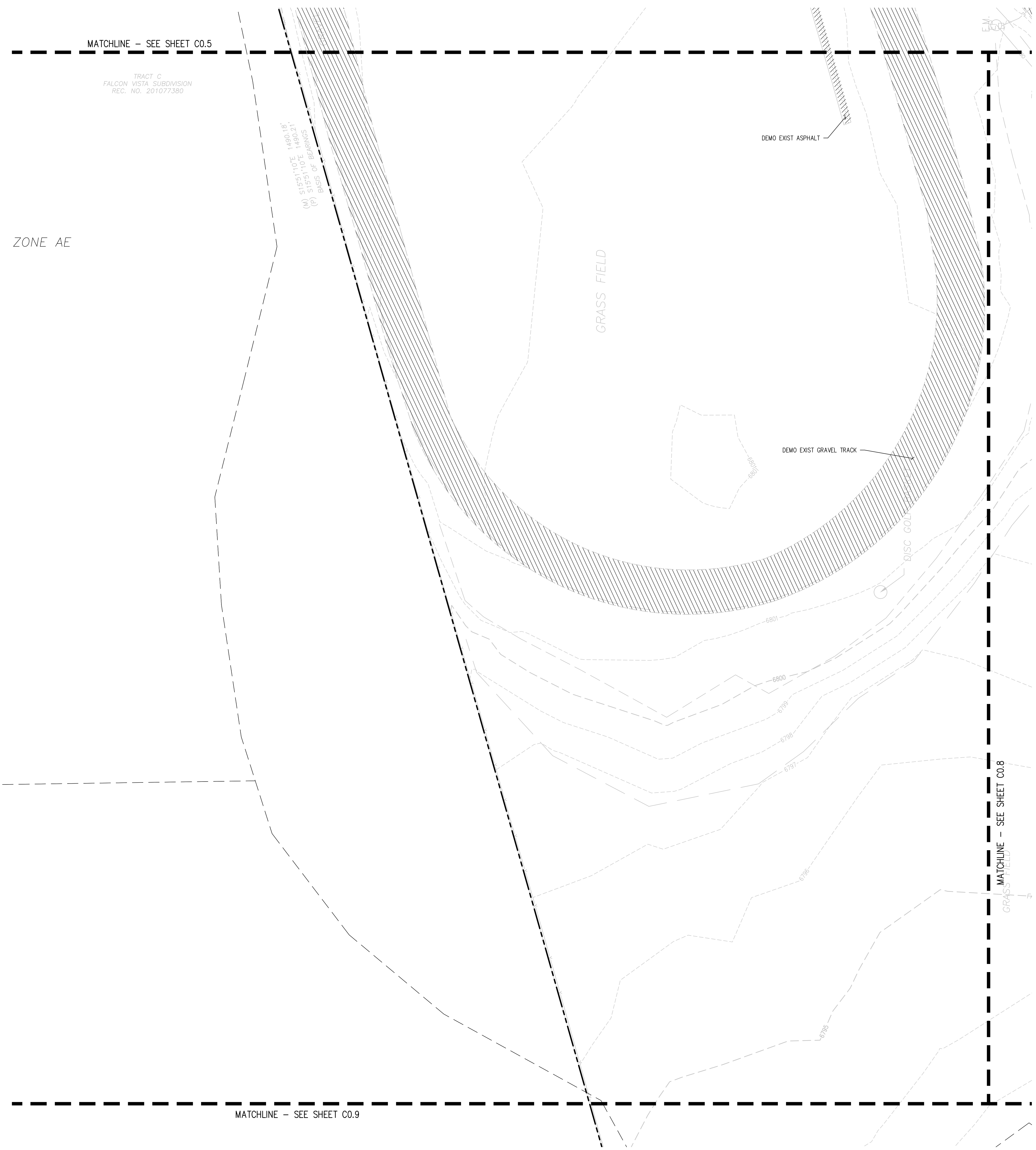
REVISIONS

#	DATE	DESCRIPTION

DESIGNED BY: CWK/HCM  
 DRAWN BY: TWK/AMB  
 CHECKED BY: CWK

ISSUED FOR  
**CONSTRUCTION DOCUMENTS**  
 SHEET NO.  
**C0.6**

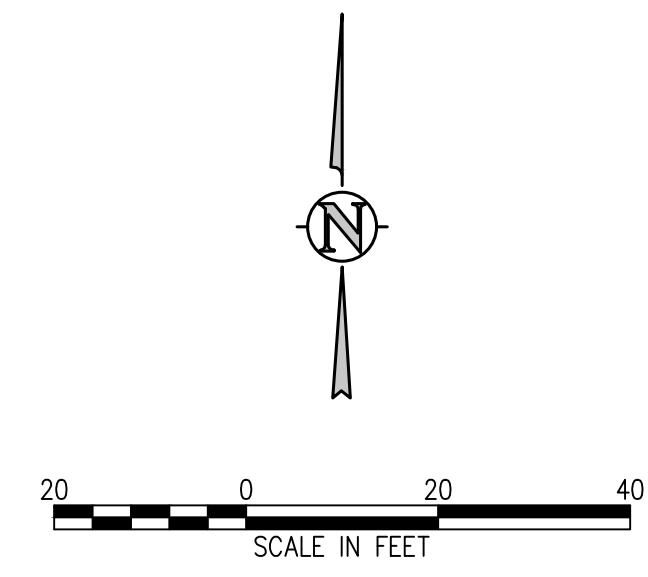
**D49 TRANSPORTATION CENTER**  
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**DEMOLITION LEGEND**

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	DEMO SURFACE FEATURE
	DEMO BUILDING
	ABANDON SUBSURFACE FEATURE
	LIMITS OF SAWCUT
	REMOVE EXISTING TREE
	PROTECT EXISTING TREE



SHEET TITLE  
**DEMOLITION PLAN D**

WTA PROJECT NUMBER  
**2021-041.00**  
DATE  
**05/23/2022**

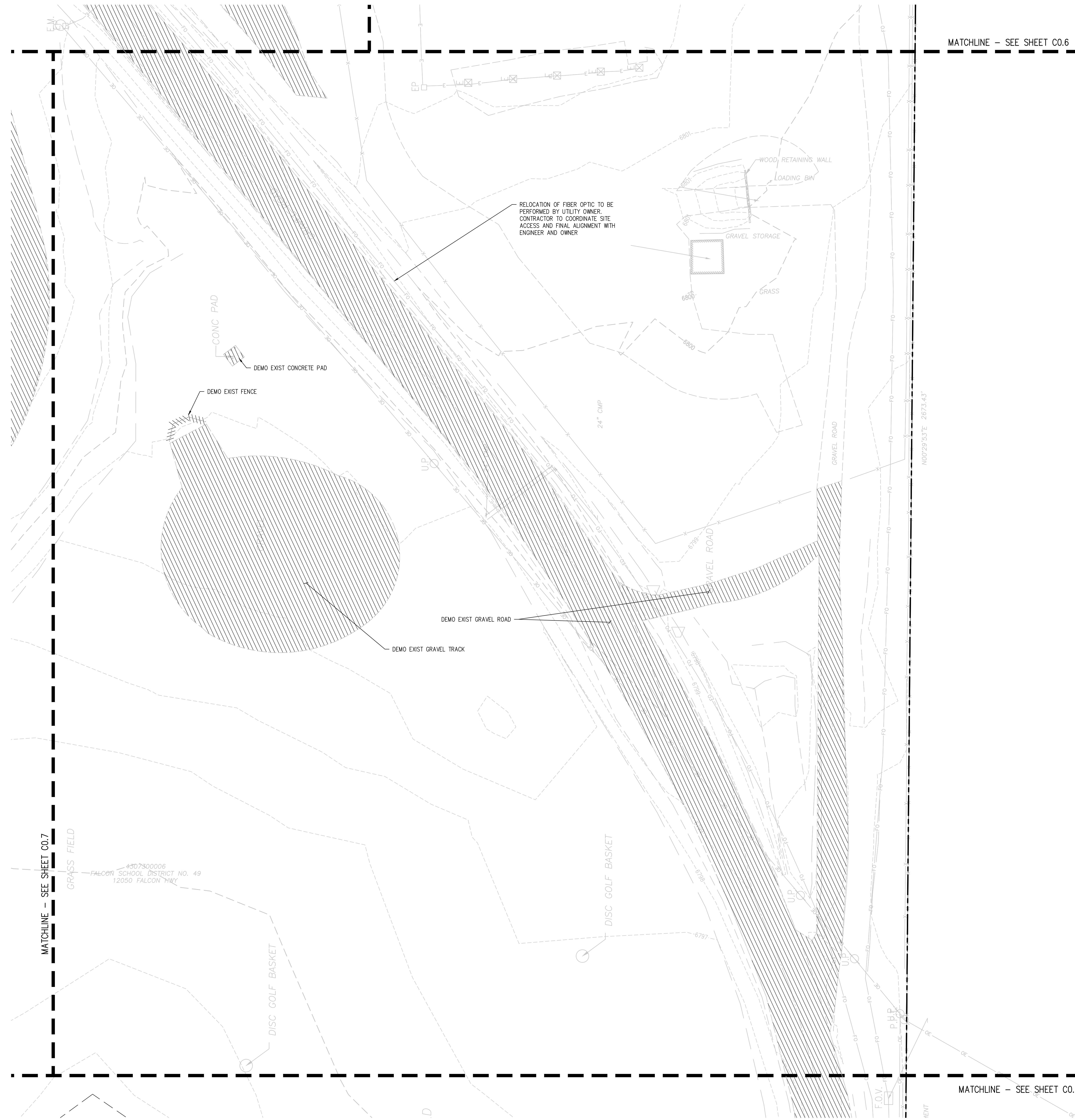
REVISIONS

#	DATE	DESCRIPTION

DESIGNED BY: **CWK/HCM**  
DRAWN BY: **TWA/AMB**  
CHECKED BY: **CWK**

ISSUED FOR  
**CONSTRUCTION DOCUMENTS**  
SHEET NO.  
**C0.7**

**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
 11971 SWINGLINE ROAD  
 PEYTON, CO 80831



RELOCATION OF FIBER OPTIC TO BE PERFORMED BY UTILITY OWNER. CONTRACTOR TO COORDINATE SITE ACCESS AND FINAL ALIGNMENT WITH ENGINEER AND OWNER

CONC PAD  
 DEMO EXIST CONCRETE PAD

DEMO EXIST FENCE

DEMO EXIST GRAVEL ROAD  
 DEMO EXIST GRAVEL TRACK

DISC GOLF BASKET

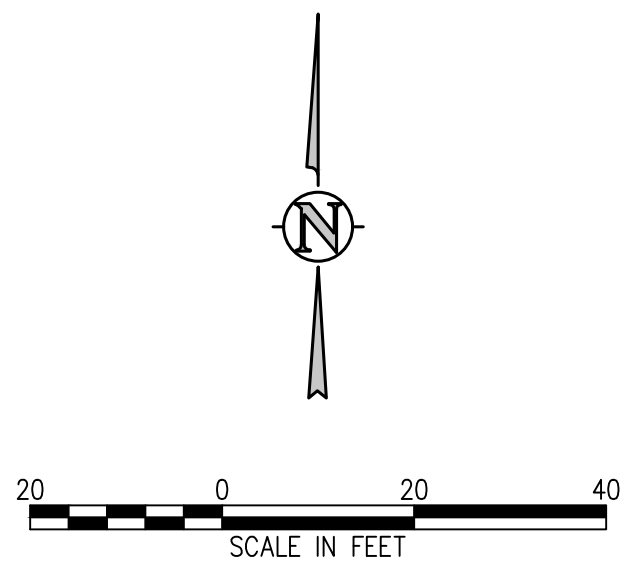
MATCHLINE - SEE SHEET C0.7

MATCHLINE - SEE SHEET C0.6

MATCHLINE - SEE SHEET C0.9

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- DEMOSUBSURFACE FEATURE
  - DEMOSURFACE FEATURE
  - DEMO BUILDING
  - ABANDON SUBSURFACE FEATURE
  - LIMITS OF SAWCUT
  - REMOVE EXISTING TREE
  - PROTECT EXISTING TREE



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SHEET TITLE  
**DEMOLITION PLAN E**

WTA PROJECT NUMBER  
**2021-041.00**

DATE  
**05/23/2022**

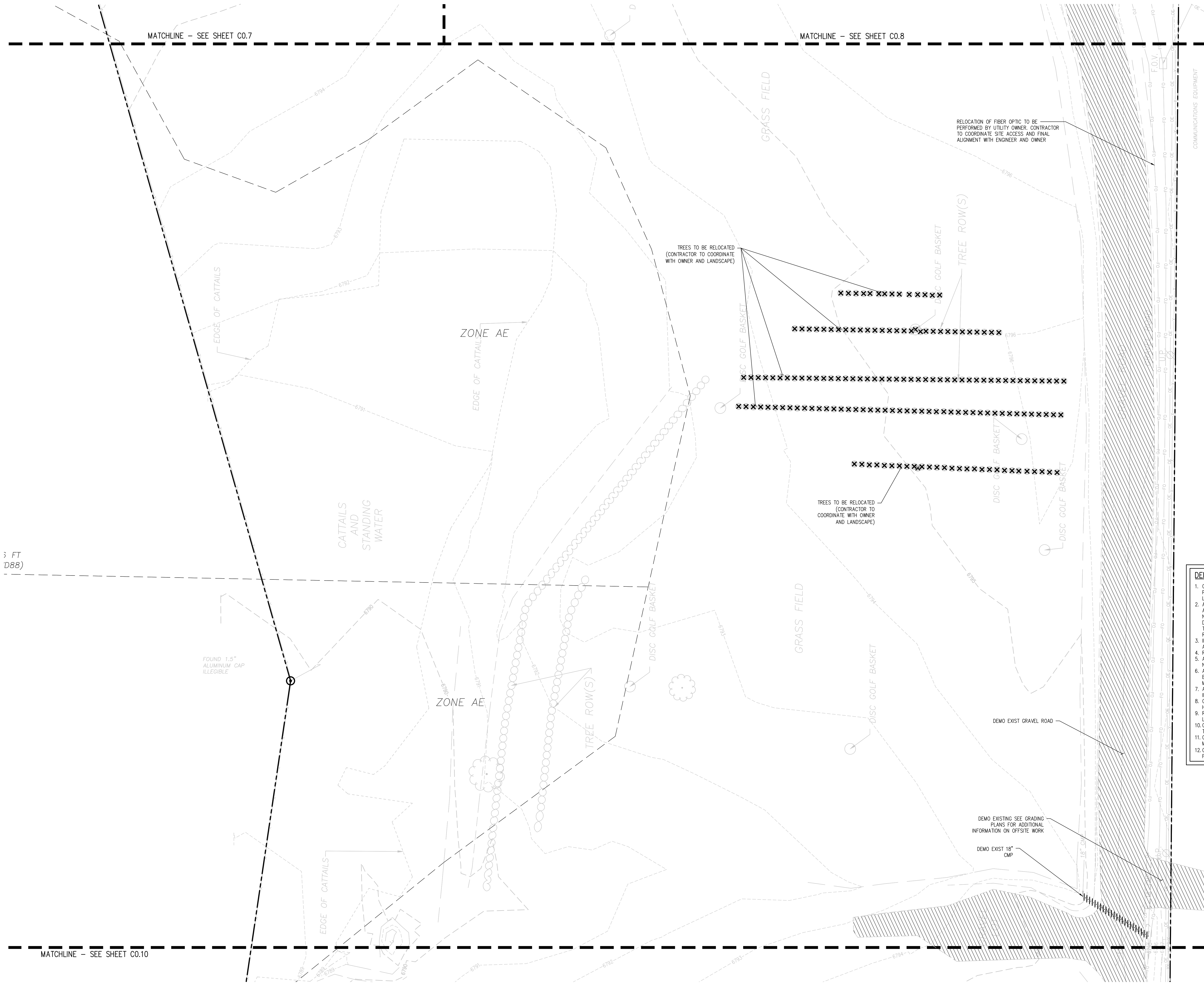
REVISIONS	DATE	DESCRIPTION

DESIGN APPROVAL: **CWK/HCM**  
 DRAWN BY: **TWJ/AMB**  
 CHECKED BY: **CWK**

ISSUED FOR  
**CONSTRUCTION DOCUMENTS**

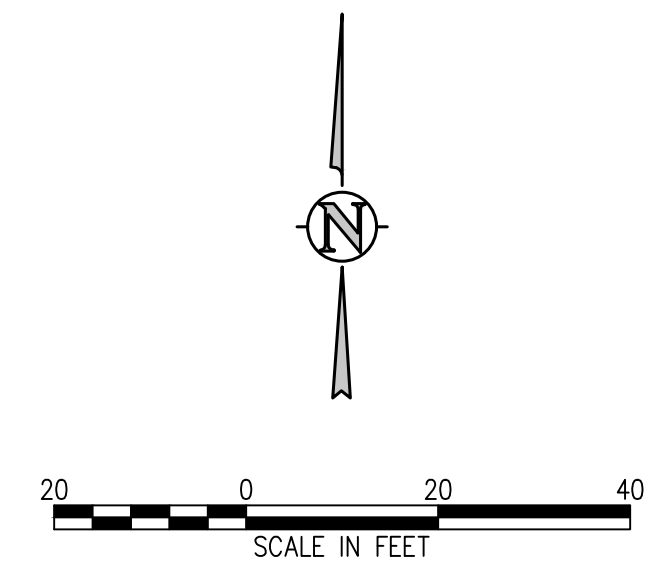
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**D49 TRANSPORTATION CENTER**  
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  - DEMOSURFACE FEATURE
  - DEMO BUILDING
  - ABANDON SUBSURFACE FEATURE
  - LIMITS OF SAWCUT
  - REMOVE EXISTING TREE
  - PROTECT EXISTING TREE



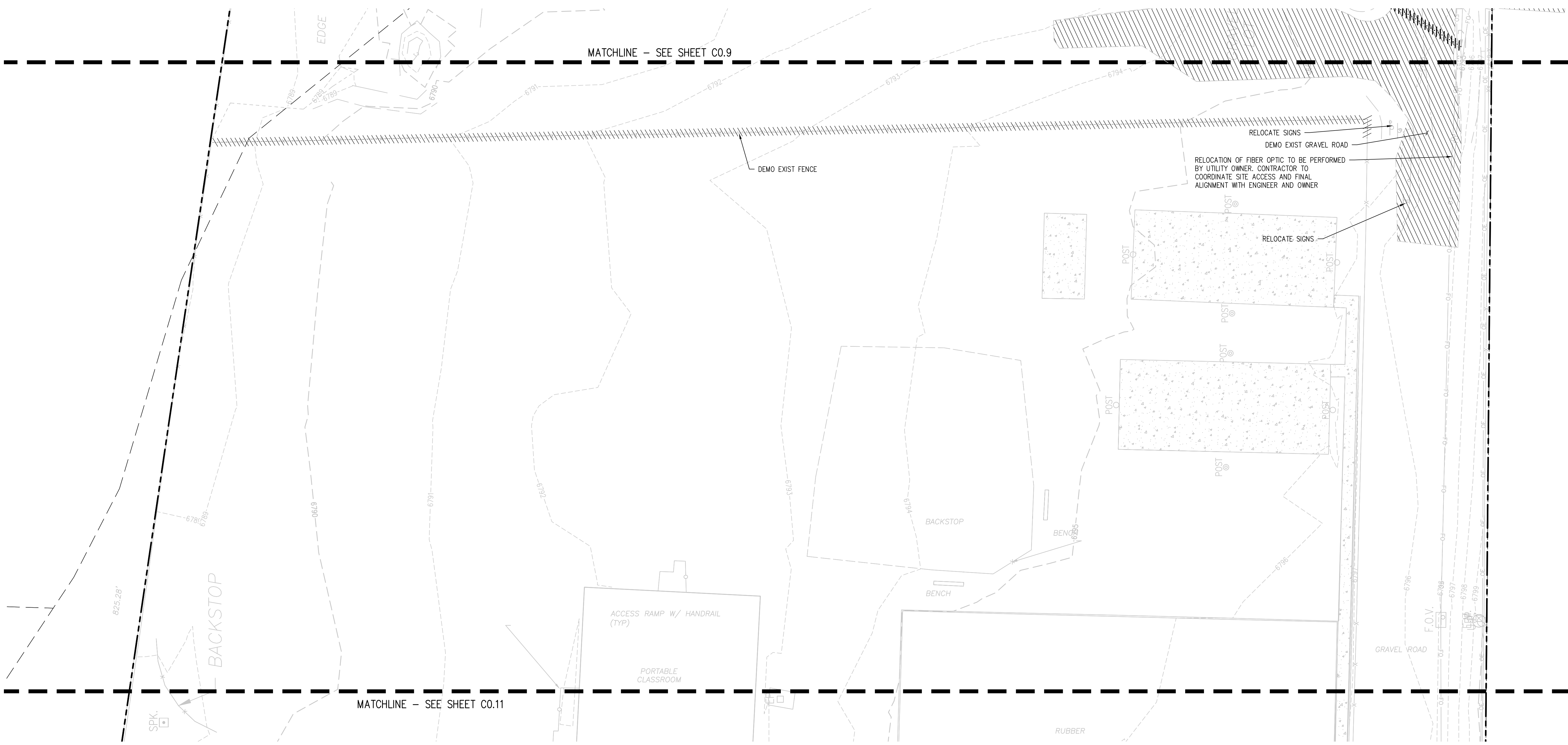
MATCHLINE - SEE SHEET C0.7

MATCHLINE - SEE SHEET C0.8

MATCHLINE - SEE SHEET C0.10

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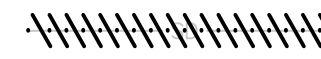
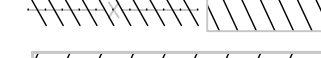
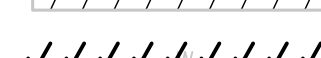
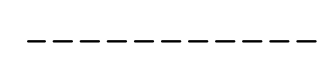





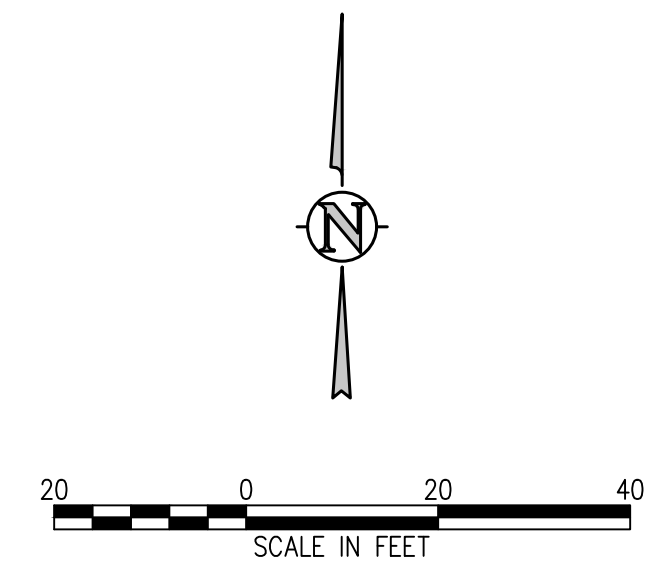


MATCHLINE - SEE SHEET C0.9

MATCHLINE - SEE SHEET C0.11

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  -  ABANDON SUBSURFACE FEATURE
  -  LIMITS OF SAWCUT
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SHEET TITLE  
**DEMOLITION PLAN G**

WTA PROJECT NUMBER  
**2021-041.00**

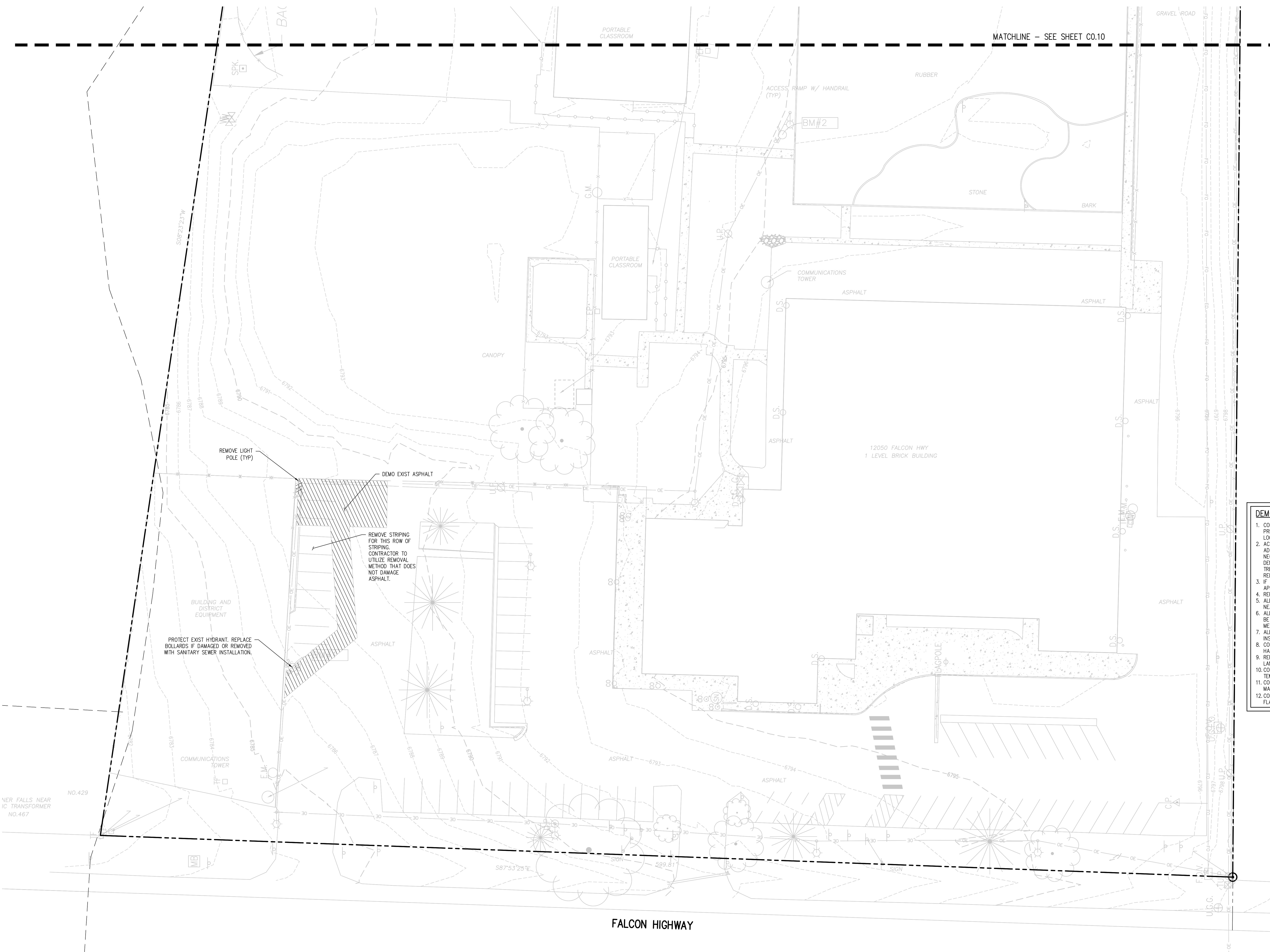
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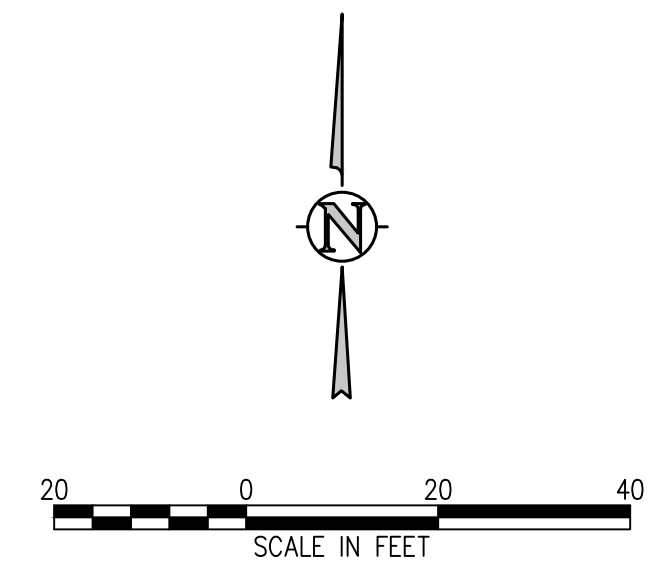
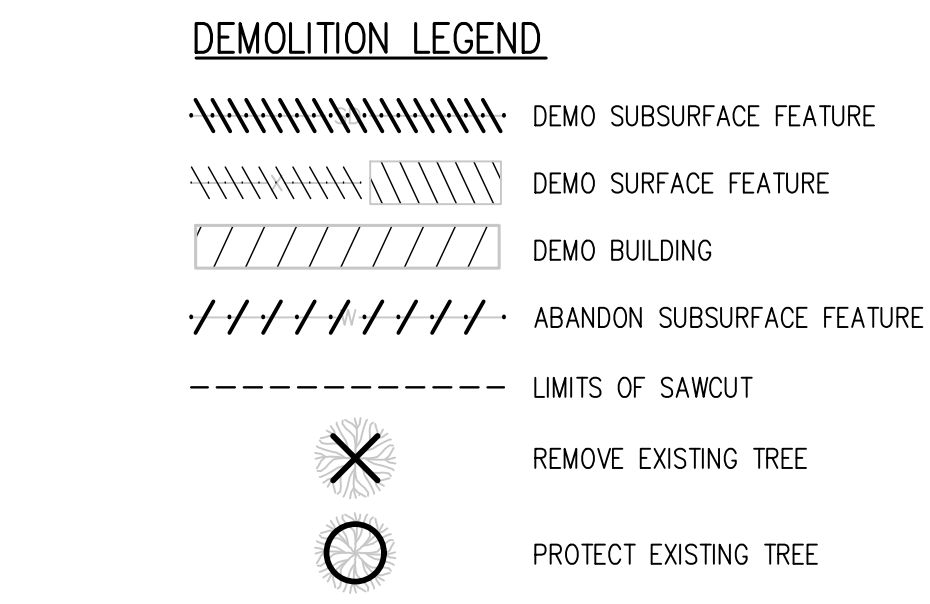
DESIGNED BY: **CWK/HCM**  
 DRAWN BY: **TWW/AMB**  
 CHECKED BY: **CWK**

ISSUED FOR  
**CONSTRUCTION DOCUMENTS**  
 SHEET NO.

**C0.10**



- DEMOLITION NOTES:**
1. CONTRACTOR TO FIELD VERIFY ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. REFER TO GENERAL NOTES FOR UTILITY LOCATION AND PROTECTION.
  2. ACTUAL LIMITS MAY VARY. CONTRACTOR IS RESPONSIBLE FOR ADJUSTING LIMITS OF DEMOLITION AND CONSTRUCTION AS NECESSARY. COORDINATE DEMOLITION REQUIREMENTS, LIMITS OF DEMOLITION, SALVAGE ITEMS, PROTECTION OF ITEMS TO REMAIN, TREES, FENCING, ETC. WITH OWNER, ARCHITECT, ENGINEER, AND RELEVANT CONSTRUCTION AND PHASING PLANS.
  3. IF BUILDING DEMOLITION IS REQUIRED, REFER TO ARCHITECT AND APPLICABLE ENGINEERS FOR DETAILED DEMOLITION INFORMATION.
  4. REPLACE EXISTING FLATWORK AT UTILITY TRENCHES AS REQUIRED.
  5. ALL SAWCUTTING AND PAVEMENT REMOVAL SHOULD BE TO THE NEAREST JOINT.
  6. ALL DRY UTILITY AND ELECTRIC DEMOLITION OR RELOCATION SHOULD BE COORDINATED WITH PROPERTY OWNER, UTILITY OWNER, MECHANICAL ENGINEER, AND ARCHITECT PRIOR TO CONSTRUCTION.
  7. ALL NECESSARY EROSION AND SEDIMENTATION CONTROLS MUST BE INSTALLED PRIOR TO CONSTRUCTION.
  8. CONTRACTOR TO COMPLY WITH ALL REGULATORY REQUIREMENTS FOR HAZARDOUS MATERIAL REMOVAL AND DISPOSAL.
  9. REFER TO GENERAL NOTES FOR TREE PROTECTION. COORDINATE WITH LANDSCAPE ARCHITECT FOR TREE REMOVAL.
  10. CONTRACTOR TO MAINTAIN SAFE PEDESTRIAN ACCESS. PROVIDE TEMPORARY ROUTE AND SIGNAGE AS NEEDED.
  11. CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO PROTECT AND MAINTAIN SERVICES DURING CONSTRUCTION.
  12. CONTRACTOR TO REPAIR/REPLACE ALL DAMAGE TO EXISTING FLATWORK OR SITE FEATURES NOT INTENDED FOR DEMOLITION.



**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



PROJECT TITLE  
**DEMOLITION PLAN H**

DATE PROJECT NUMBER  
**2021-041.00**

DATE  
**05/23/2022**

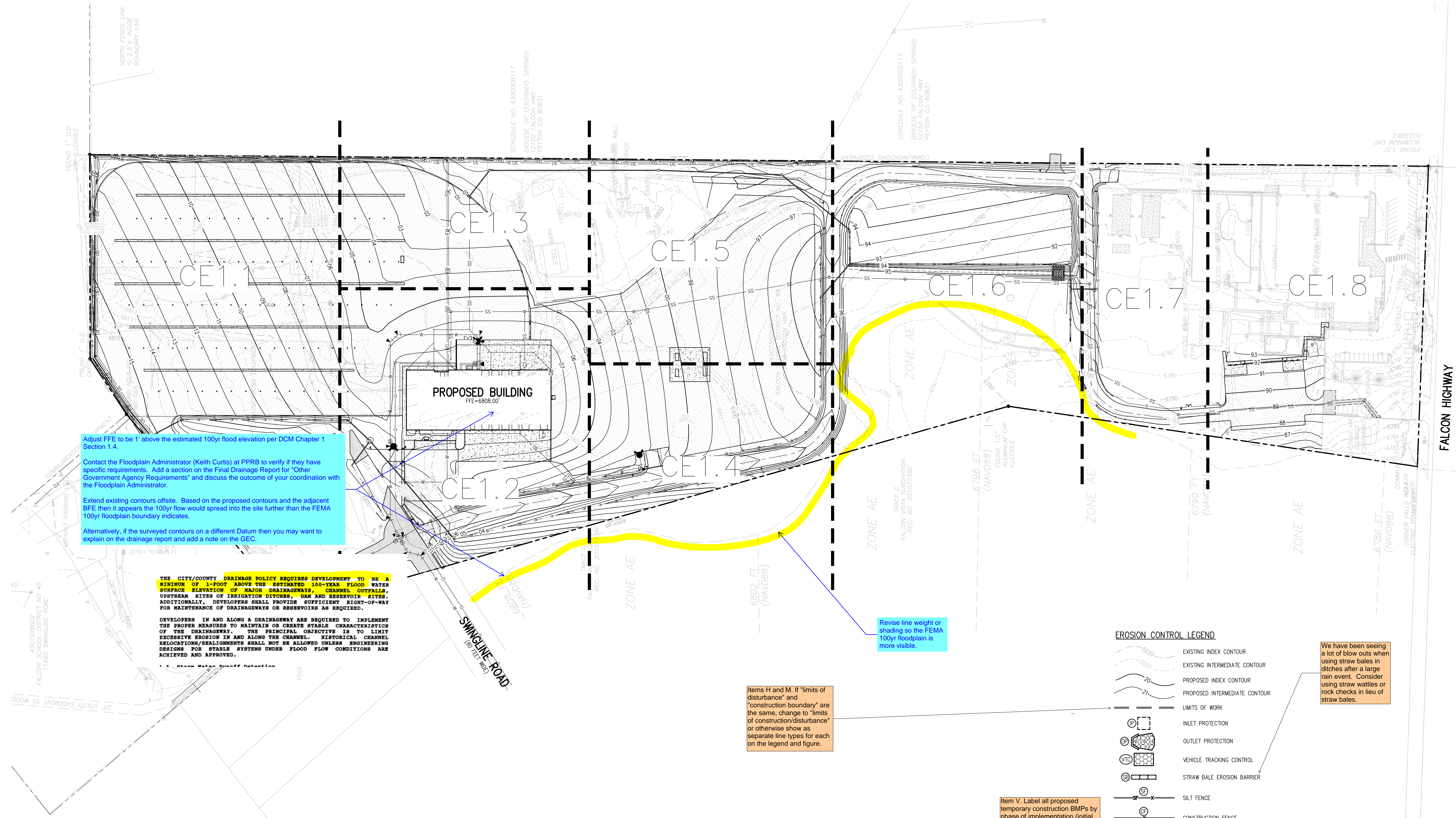
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DESIGNED BY: **CWK/HCM**  
CHECKED BY: **TWW/AMB**  
DATE: **CWK**

ISSUED FOR  
**CONSTRUCTION DOCUMENTS**

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**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



Adjust FFE to be 1' above the estimated 100yr flood elevation per DCM Chapter 1 Section 1.4.

Contact the Floodplain Administrator (Keith Curtis) at PPRB to verify if they have specific requirements. Add a section on the Final Drainage Report for "Other Government Agency Requirements" and discuss the outcome of your coordination with the Floodplain Administrator.

Extend existing contours offsite. Based on the proposed contours and the adjacent BFE then it appears the 100yr flow would spread into the site further than the FEMA 100yr floodplain boundary indicates.

Alternatively, if the surveyed contours on a different Datum then you may want to explain on the drainage report and add a note on the GEC.

**THE CITY/COUNTY DRAINAGE POLICY REQUIRES DEVELOPMENT TO BE A MINIMUM OF 1-FOOT ABOVE THE ESTIMATED 100-YEAR FLOOD WATER SURFACE ELEVATION OF MAJOR DRAINAGEWAYS, CHANNEL OUTFALLS, UPSTREAM SIDES OF IRRIGATION DITCHES, DAM AND RESERVOIR SITES. ADDITIONALLY, DEVELOPERS SHALL PROVIDE SUFFICIENT RIGHT-OF-WAY FOR MAINTENANCE OF DRAINAGEWAYS OR RESERVOIRS AS REQUIRED.**

DEVELOPERS IN AND ALONG A DRAINAGEWAY ARE REQUIRED TO IMPLEMENT THE PROPER MEASURES TO MAINTAIN OR CREATE STABLE CHARACTERISTICS OF THE DRAINAGEWAY. THE PRINCIPAL OBJECTIVE IS TO LIMIT EXCESSIVE EROSION IN AND ALONG THE CHANNEL. HISTORICAL CHANNEL RELOCATIONS/REALIGNMENTS SHALL NOT BE ALLOWED UNLESS ENGINEERING DESIGNS FOR STABLE SYSTEMS UNDER FLOOD FLOW CONDITIONS ARE ACHIEVED AND APPROVED.

Revise line weight or shading so the FEMA 100yr floodplain is more visible.

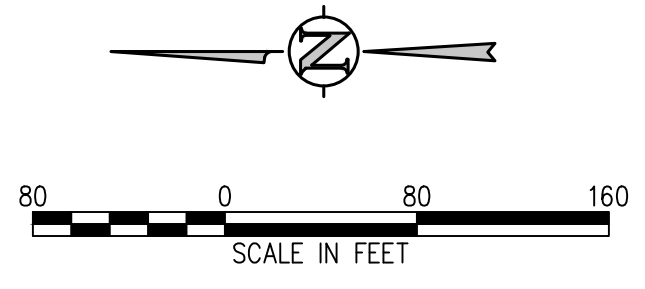
Items H and M. If "limits of disturbance" and "construction boundary" are the same, change to "limits of construction/disturbance" or otherwise show as separate line types for each on the legend and figure.

Item V. Label all proposed temporary construction BMPs by phase of implementation (initial, interim, final).

We have been seeing a lot of blow outs when using straw bales in ditches after a large rain event. Consider using straw wattles or rock checks in lieu of straw bales.

**EROSION CONTROL LEGEND**

- EXISTING INDEX CONTOUR
- EXISTING INTERMEDIATE CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERMEDIATE CONTOUR
- LIMITS OF WORK
- INLET PROTECTION
- OUTLET PROTECTION
- VEHICLE TRACKING CONTROL
- STRAW BALE EROSION BARRIER
- SILT FENCE
- CONSTRUCTION FENCE
- TEMPORARY SLOPE DRAIN
- DIVERSION DITCH
- SEDIMENT CONTROL LOG
- CURB SOCK
- ROCK CHECK DAM
- ROOF DRAIN DOWNSPOUT
- CONCRETE WASHOUT AREA
- TEMPORARY SEDIMENTATION POND
- EROSION CONTROL BLANKET
- CHANNEL STABILIZATION MATTING
- SURFACE ROUGHENING



**EROSION AND SEDIMENTATION NOTES:**

- CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING ALL CONTROLS DURING INITIAL, INTERIM, AND FINAL CONDITIONS.
- ALL CONTROLS SHALL BE INSTALLED WITHIN THE PROPERTY LINES UNLESS OTHERWISE SPECIFIED. WHEN CONSTRUCTION ACTIVITIES DISTURB ADJACENT AND/OR RIGHT-OF-WAY PROPERTIES, COORDINATION WITH PROPERTY OWNERS IS REQUIRED PRIOR TO CONSTRUCTION.



OVERALL  
EROSION  
CONTROL PLAN

DATE: 05/23/2022

FOR CONSTRUCTION DOCUMENTS

**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



SHEET TITLE  
**EROSION CONTROL PLAN A**

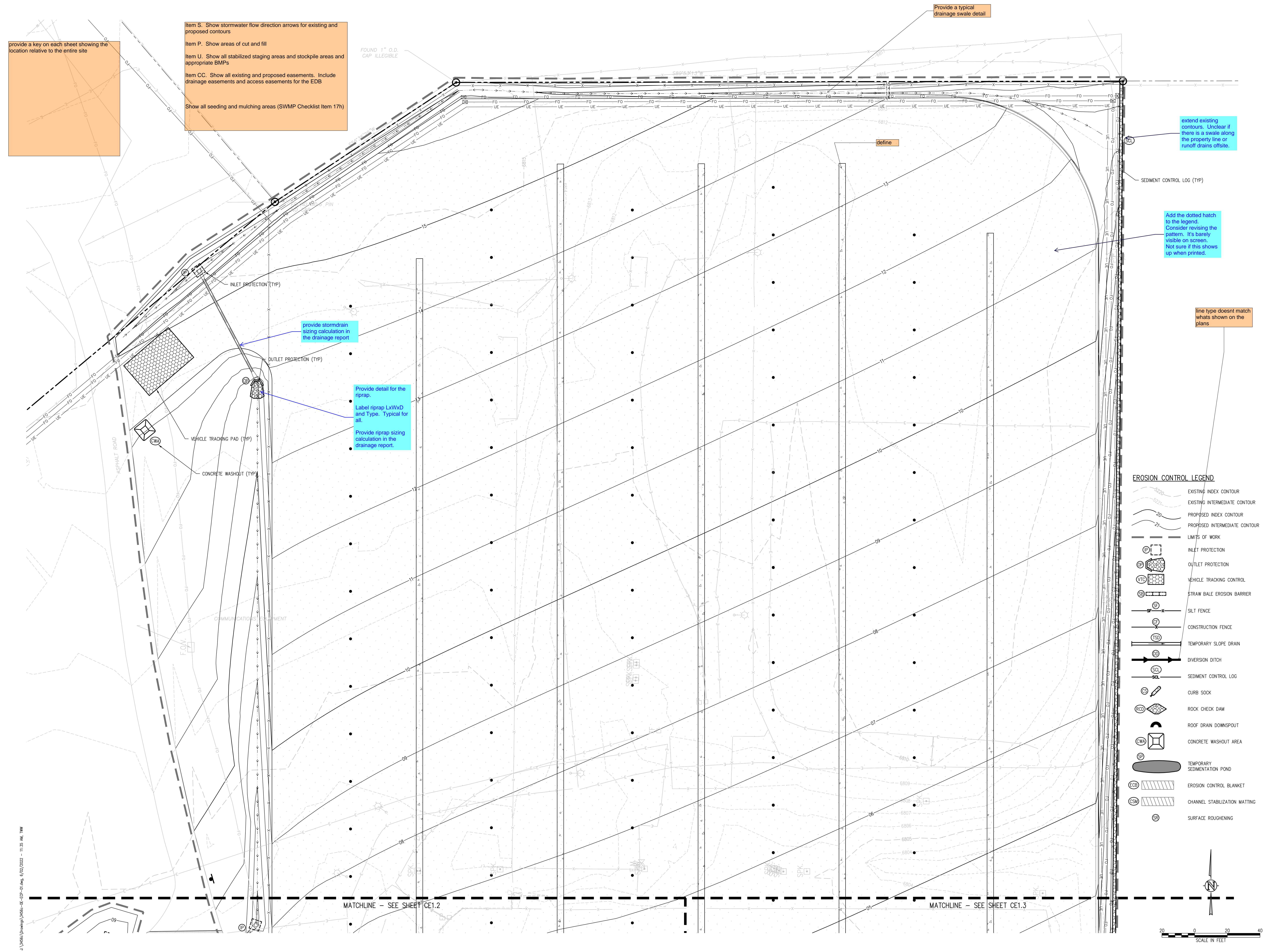
DATE PROJECT NUMBER  
**2021-041.00**

DATE  
**05/23/2022**

#	DATE	DESCRIPTION

ISSUED FOR  
**CONSTRUCTION DOCUMENTS**

CE1.1



provide a key on each sheet showing the location relative to the entire site

- Item S. Show stormwater flow direction arrows for existing and proposed contours
- Item P. Show areas of cut and fill
- Item U. Show all stabilized staging areas and stockpile areas and appropriate BMPs
- Item CC. Show all existing and proposed easements. Include drainage easements and access easements for the EDB
- Show all seeding and mulching areas (SWMP Checklist Item 17h)

FOUND 1" O.D. CAP ILLEGIBLE

Provide a typical drainage swale detail

extend existing contours. Unclear if there is a swale along the property line or runoff drains offsite.

Add the dotted hatch to the legend. Consider revising the pattern. It's barely visible on screen. Not sure if this shows up when printed.

line type doesnt match whats shown on the plans

provide stormdrain sizing calculation in the drainage report

Provide detail for the riprap.  
Label riprap LxWxD and Type. Typical for all.  
Provide riprap sizing calculation in the drainage report.

**EROSION CONTROL LEGEND**

- EXISTING INDEX CONTOUR
- EXISTING INTERMEDIATE CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERMEDIATE CONTOUR
- LIMITS OF WORK
- INLET PROTECTION
- OUTLET PROTECTION
- VEHICLE TRACKING CONTROL
- STRAW BALE EROSION BARRIER
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- DIVERSION DITCH
- SEDIMENT CONTROL LOG
- CURB SOCK
- ROCK CHECK DAM
- ROOF DRAIN DOWNSPOUT
- CONCRETE WASHOUT AREA
- TEMPORARY SEDIMENTATION POND
- EROSION CONTROL BLANKET
- CHANNEL STABILIZATION MATTING
- SURFACE ROUGHENING

MATCHLINE - SEE SHEET CE1.2

MATCHLINE - SEE SHEET CE1.3



**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



SHEET TITLE  
**EROSION CONTROL PLAN B**

WTA PROJECT NUMBER  
**2021-041.00**

DATE  
**05/23/2022**

REVISIONS

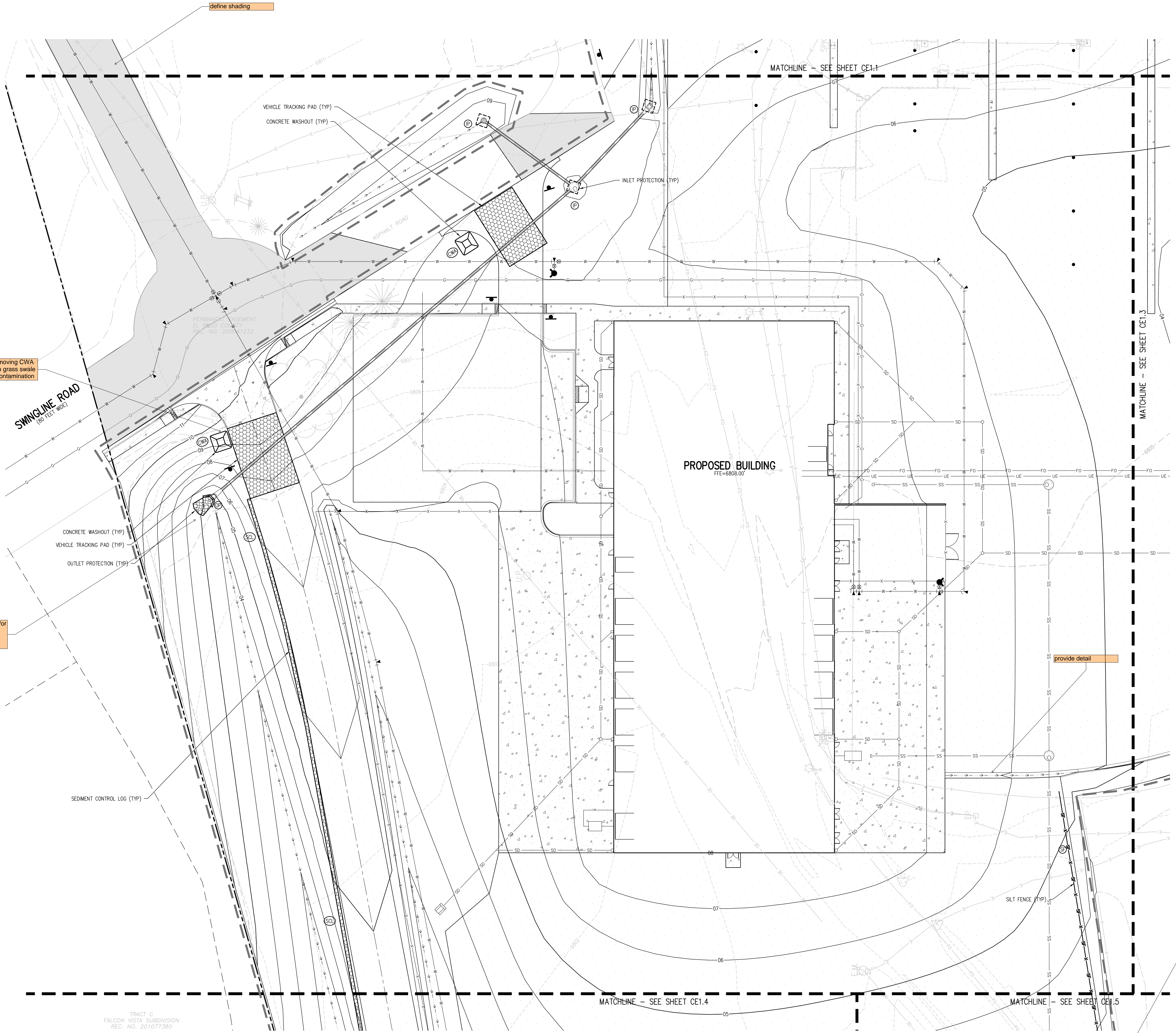
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DESIGNED BY  
**CWK/HCM**

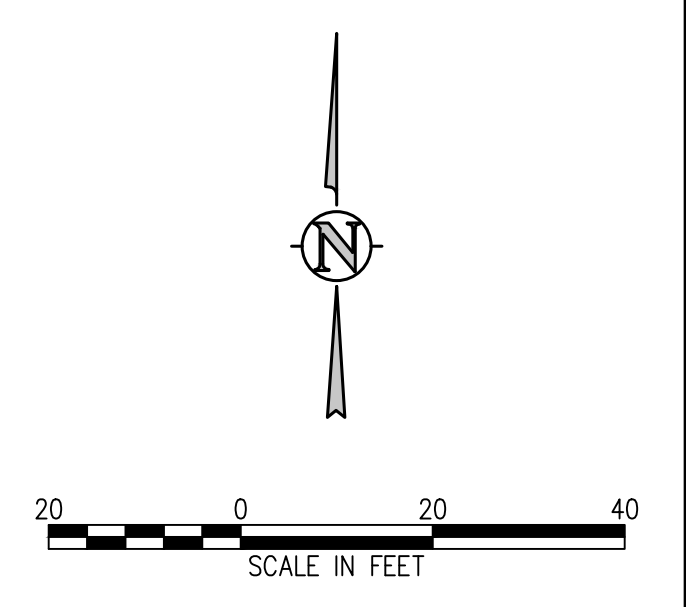
CHECKED BY  
**TWK/AMB**

ISSUED FOR  
**CONSTRUCTION DOCUMENTS**

SHEET NO.  
**CE1.2**



- EROSION CONTROL LEGEND**
- EXISTING INDEX CONTOUR
  - EXISTING INTERMEDIATE CONTOUR
  - PROPOSED INDEX CONTOUR
  - PROPOSED INTERMEDIATE CONTOUR
  - LIMITS OF WORK
  - INLET PROTECTION
  - OUTLET PROTECTION
  - VEHICLE TRACKING CONTROL
  - STRAW BALE EROSION BARRIER
  - SILT FENCE
  - CONSTRUCTION FENCE
  - TEMPORARY SLOPE DRAIN
  - DIVERSION DITCH
  - SEDIMENT CONTROL LOG
  - CURB SOCK
  - ROCK CHECK DAM
  - ROOF DRAIN DOWNSPOUT
  - CONCRETE WASHOUT AREA
  - TEMPORARY SEDIMENTATION POND
  - EROSION CONTROL BLANKET
  - CHANNEL STABILIZATION MATTING
  - SURFACE ROUGHENING



consider moving CWA away from grass swale to avoid contamination

adjust the outlet and/or outlet protection to avoid 90 degree stormwater path.

provide detail

provide type and show where it will be placed. ECB and CSM hatching look identical

TRACT C  
FALCON VISTA SUBDIVISION  
REC. NO. 201077380

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**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
 11971 SWINGLINE ROAD  
 PEYTON, CO 80831



SHEET TITLE  
**EROSION CONTROL PLAN C**

DATE PROJECT NUMBER  
**2021-041.00**

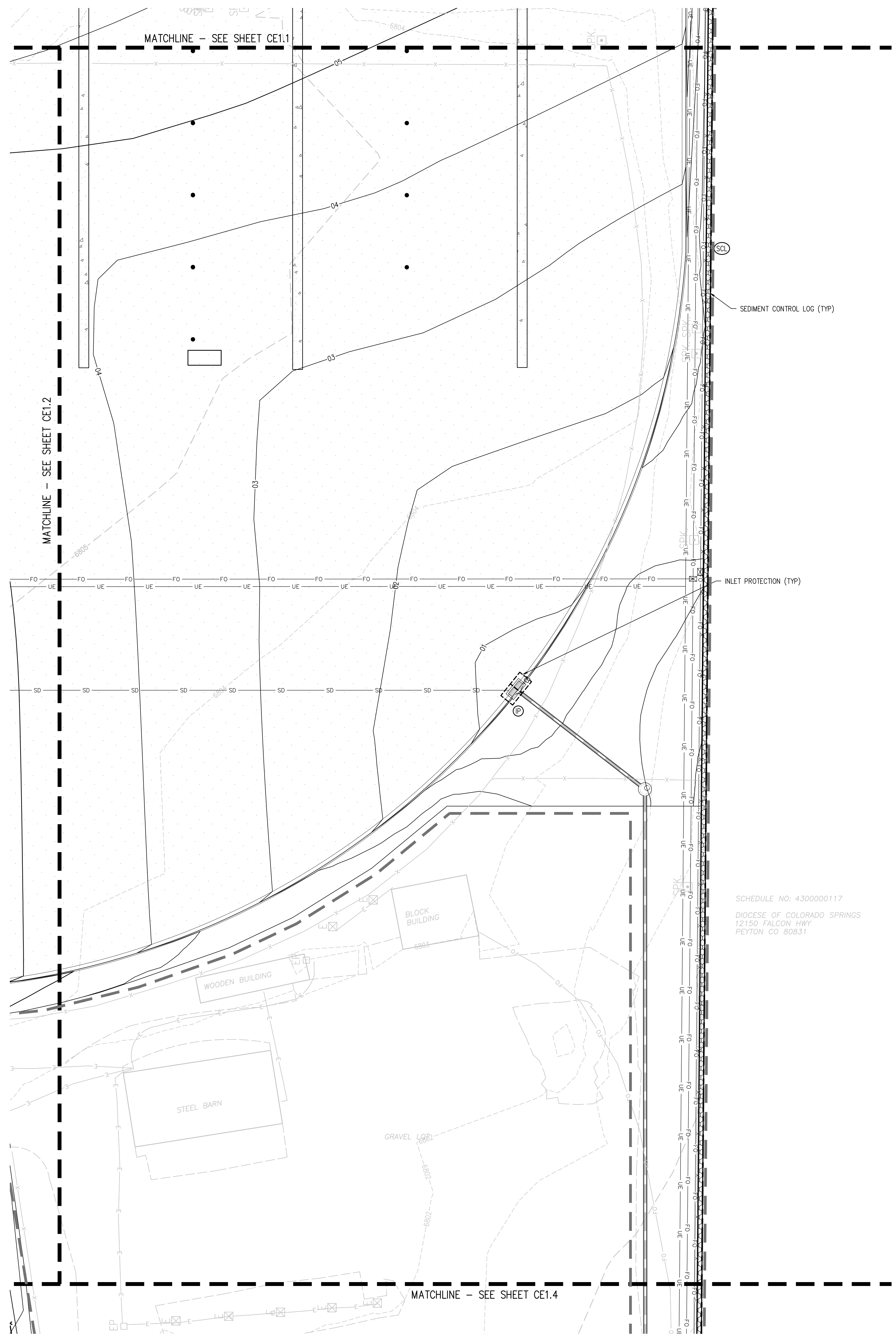
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DATE APPROVAL: **CWK/HCM**  
 DRAWN BY: **TWK/AMB**  
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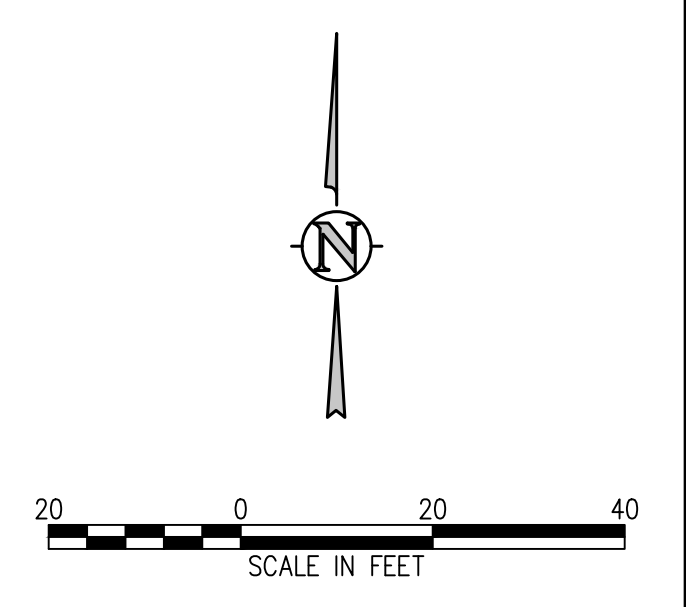
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**CONSTRUCTION DOCUMENTS**

CE1.3



SCHEDULE NO: 430000117  
 DIOCESE OF COLORADO SPRINGS  
 12150 FALCON HWY  
 PEYTON CO 80831

- EROSION CONTROL LEGEND**
- EXISTING INDEX CONTOUR
  - EXISTING INTERMEDIATE CONTOUR
  - PROPOSED INDEX CONTOUR
  - PROPOSED INTERMEDIATE CONTOUR
  - LIMITS OF WORK
  - INLET PROTECTION
  - OUTLET PROTECTION
  - VEHICLE TRACKING CONTROL
  - STRAW BALE EROSION BARRIER
  - SILT FENCE
  - CONSTRUCTION FENCE
  - TEMPORARY SLOPE DRAIN
  - DIVERSION DITCH
  - SEDIMENT CONTROL LOG
  - CURB SOCK
  - ROCK CHECK DAM
  - ROOF DRAIN DOWNSPOUT
  - CONCRETE WASHOUT AREA
  - TEMPORARY SEDIMENTATION POND
  - EROSION CONTROL BLANKET
  - CHANNEL STABILIZATION MATTING
  - SURFACE ROUGHENING



**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



SHEET TITLE  
**EROSION CONTROL PLAN D**

DATE PROJECT NUMBER  
**2021-041.00**

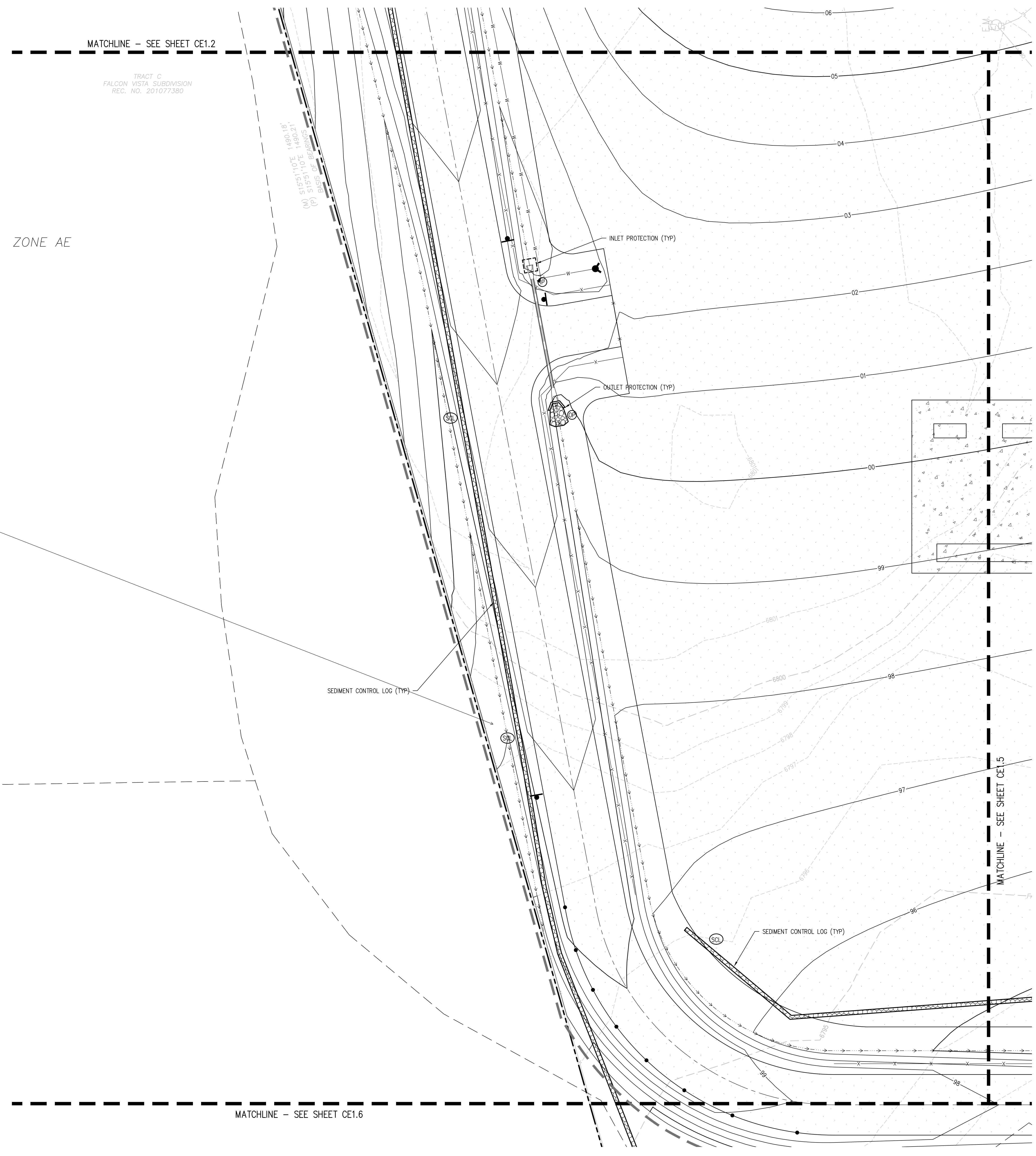
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**05/23/2022**

#	DATE	DESCRIPTION

DESIGNED BY: **CWK/HCM**  
DRAWN BY: **TWW/AMB**  
CHECKED BY: **CWK**

ISSUED FOR  
**CONSTRUCTION DOCUMENTS**

CE1.4

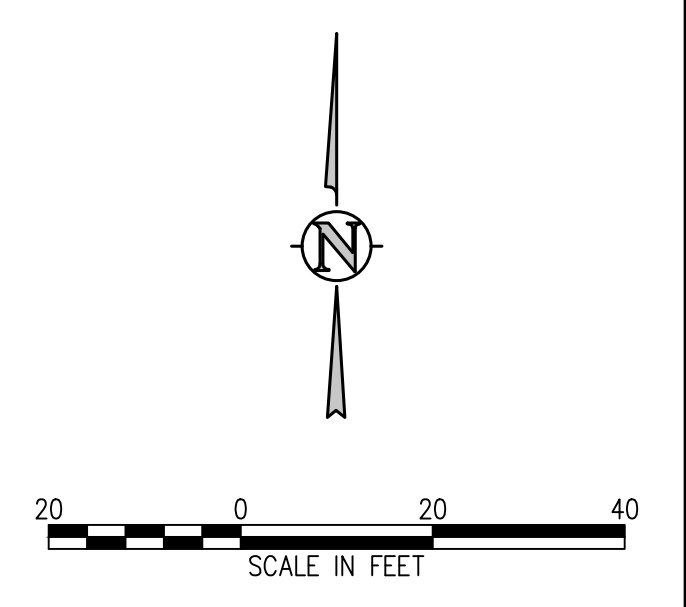


include temporary sediment basin to treat water before discharging to waters of the state

6802 FT (NAVD88)

**EROSION CONTROL LEGEND**

	EXISTING INDEX CONTOUR
	EXISTING INTERMEDIATE CONTOUR
	PROPOSED INDEX CONTOUR
	PROPOSED INTERMEDIATE CONTOUR
	LIMITS OF WORK
	INLET PROTECTION
	OUTLET PROTECTION
	VEHICLE TRACKING CONTROL
	STRAW BALE EROSION BARRIER
	SILT FENCE
	CONSTRUCTION FENCE
	TEMPORARY SLOPE DRAIN
	DIVERSION DITCH
	SEDIMENT CONTROL LOG
	CURB SOCK
	ROCK CHECK DAM
	ROOF DRAIN DOWNSPOUT
	CONCRETE WASHOUT AREA
	TEMPORARY SEDIMENTATION POND
	EROSION CONTROL BLANKET
	CHANNEL STABILIZATION MATTING
	SURFACE ROUGHENING



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**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



SHEET TITLE  
**EROSION CONTROL PLAN E**

DATE PROJECT NUMBER  
**2021-041.00**

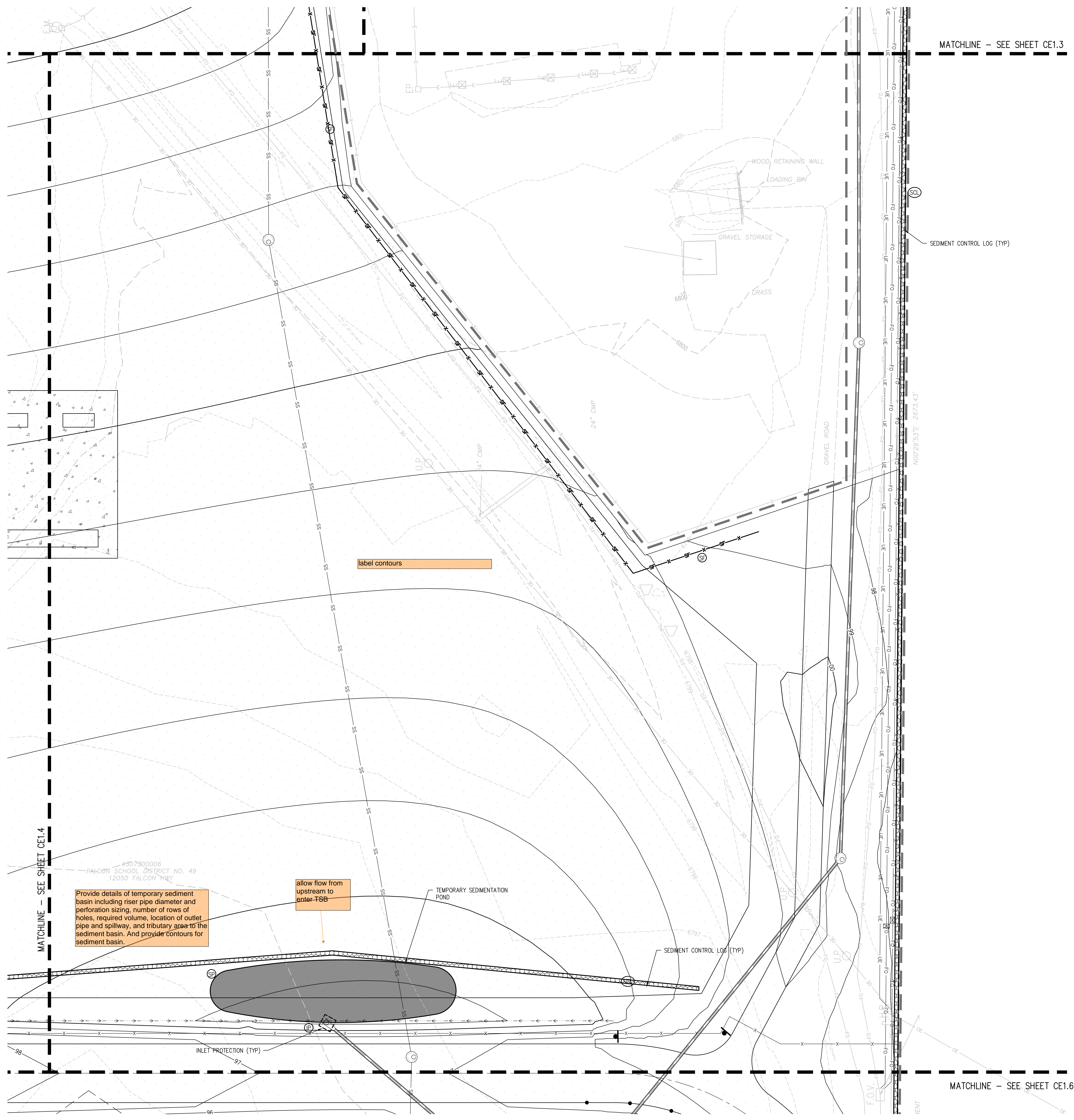
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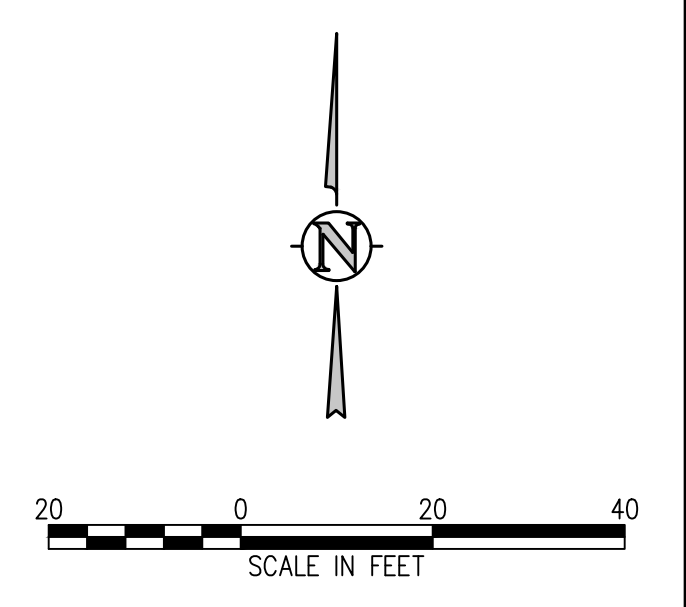
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DRAWN BY: **TWW/AMB**  
CHECKED BY: **CWK**

ISSUED FOR  
**CONSTRUCTION DOCUMENTS**

CE1.5



- EROSION CONTROL LEGEND**
- EXISTING INDEX CONTOUR
  - EXISTING INTERMEDIATE CONTOUR
  - PROPOSED INDEX CONTOUR
  - PROPOSED INTERMEDIATE CONTOUR
  - LIMITS OF WORK
  - INLET PROTECTION
  - OUTLET PROTECTION
  - VEHICLE TRACKING CONTROL
  - STRAW BALE EROSION BARRIER
  - SILTY FENCE
  - CONSTRUCTION FENCE
  - TEMPORARY SLOPE DRAIN
  - DIVERSION DITCH
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  - CONCRETE WASHOUT AREA
  - TEMPORARY SEDIMENTATION POND
  - EROSION CONTROL BLANKET
  - CHANNEL STABILIZATION MATTING
  - SURFACE ROUGHENING



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**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



SHEET TITLE  
**EROSION CONTROL PLAN F**

WTA PROJECT NUMBER  
**2021-041.00**

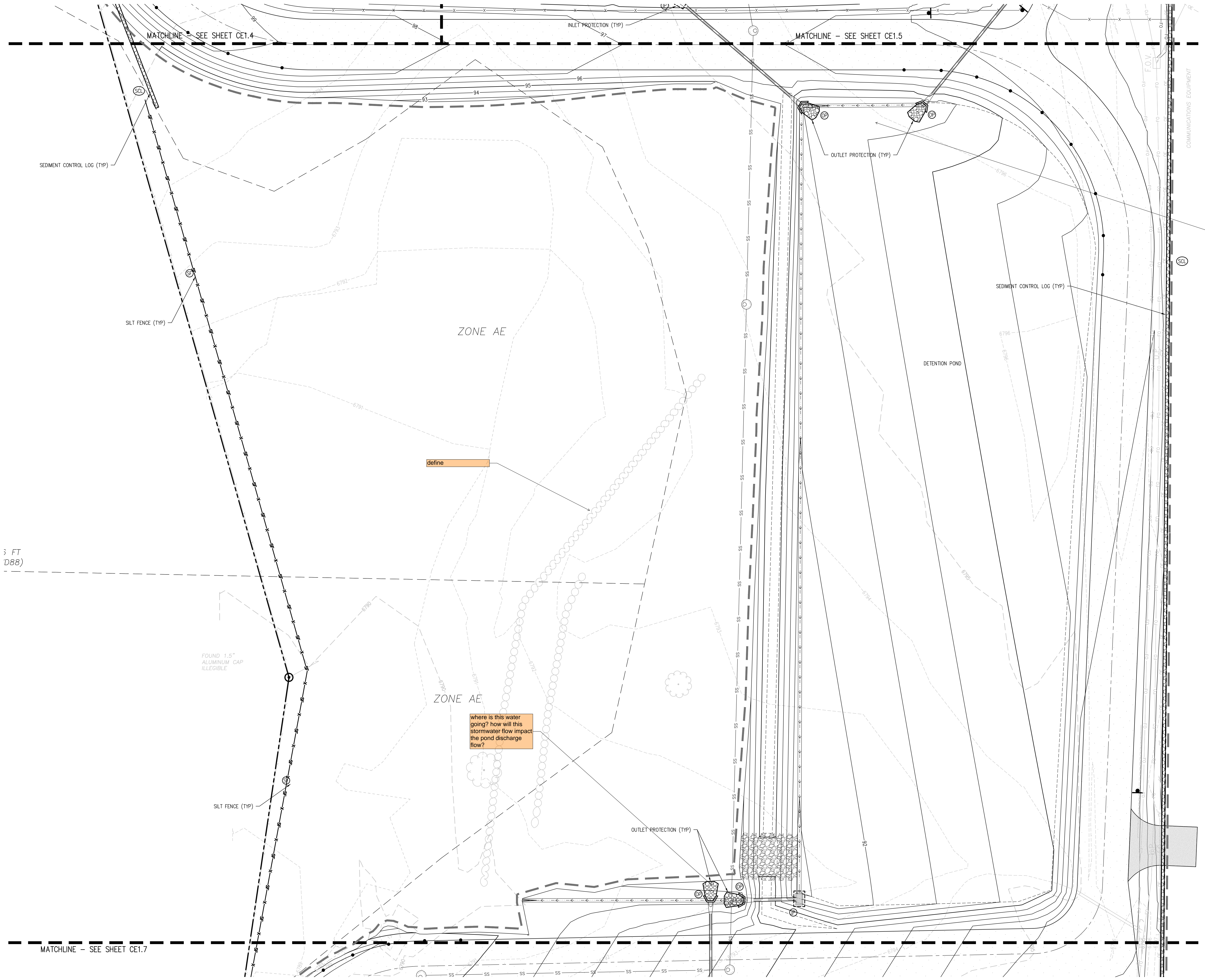
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#	DATE	DESCRIPTION

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DRAWN BY: **TWW/AMB**  
CHECKED BY: **CWK**

ISSUED FOR:  
**CONSTRUCTION DOCUMENTS**

SHEET NO:  
**CE1.6**



- EROSION CONTROL LEGEND**
- EXISTING INDEX CONTOUR
  - EXISTING INTERMEDIATE CONTOUR
  - PROPOSED INDEX CONTOUR
  - PROPOSED INTERMEDIATE CONTOUR
  - LIMITS OF WORK
  - INLET PROTECTION
  - OUTLET PROTECTION
  - VEHICLE TRACKING CONTROL
  - STRAW BALE EROSION BARRIER
  - SILT FENCE
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  - CONCRETE WASHOUT AREA
  - TEMPORARY SEDIMENTATION POND
  - EROSION CONTROL BLANKET
  - CHANNEL STABILIZATION MATTING
  - SURFACE ROUGHENING

where is this water going? how will this stormwater flow impact the pond discharge flow?

provide a forebay for pond

define

3 FT  
D88)

FOUND 1.5" ALUMINUM CAP ILLEGIBLE



SHEET TITLE  
**EROSION CONTROL PLAN**  
**G**

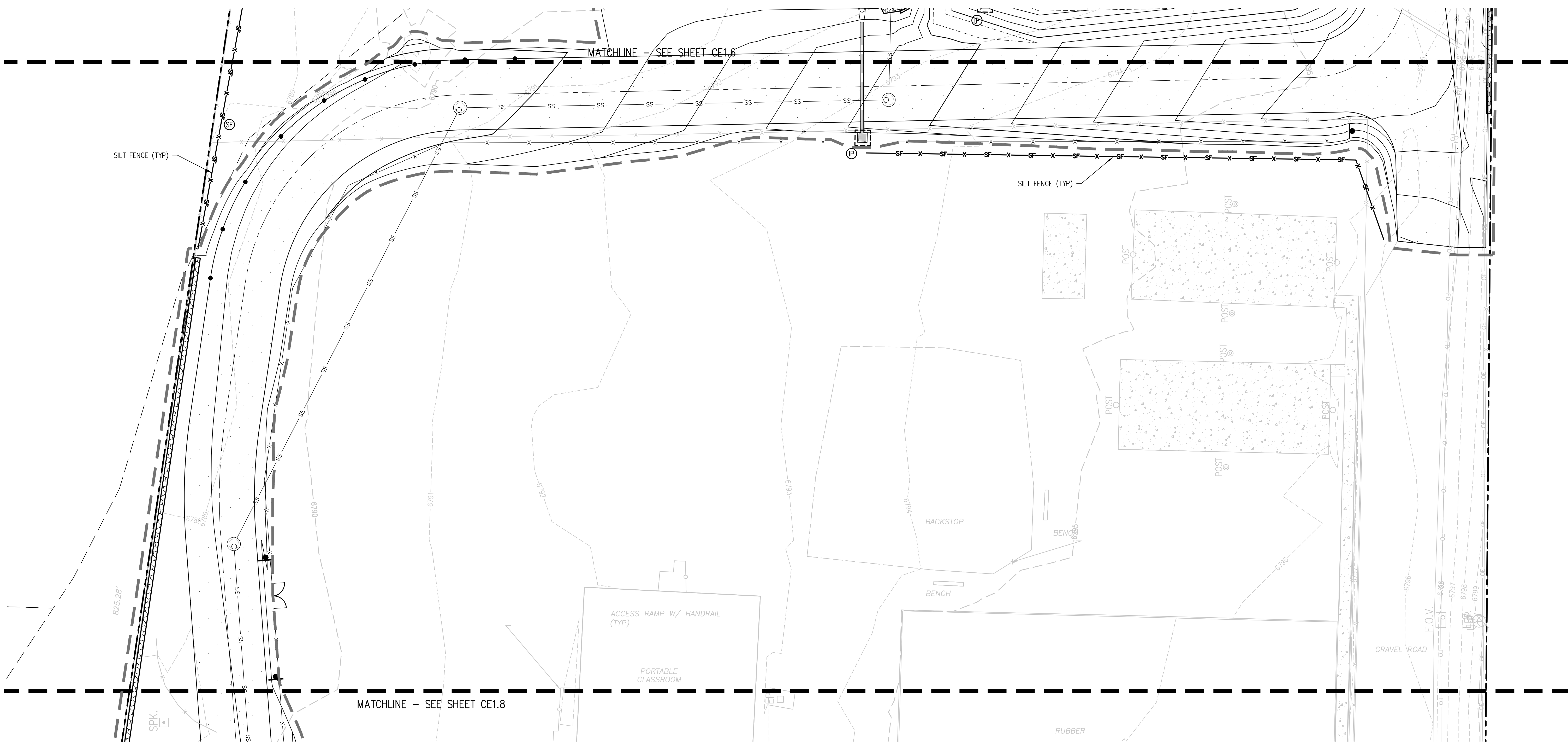
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**2021-041.00**

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**05/23/2022**

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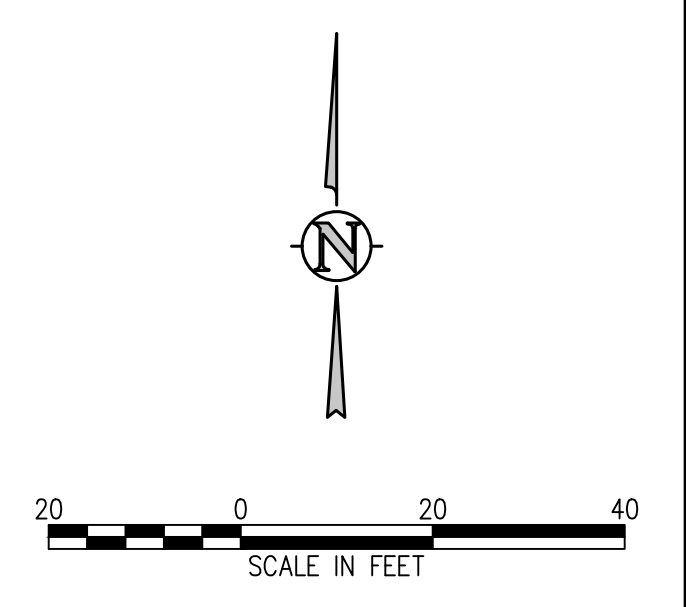
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 CHECKED BY: **TWK/AMB**  
**CWK**

ISSUED FOR  
**CONSTRUCTION**  
**DOCUMENTS**  
 SHEET NO.  
**CE1.7**



**EROSION CONTROL LEGEND**

	EXISTING INDEX CONTOUR
	EXISTING INTERMEDIATE CONTOUR
	PROPOSED INDEX CONTOUR
	PROPOSED INTERMEDIATE CONTOUR
	LIMITS OF WORK
	INLET PROTECTION
	OUTLET PROTECTION
	VEHICLE TRACKING CONTROL
	STRAW BALE EROSION BARRIER
	SILT FENCE
	CONSTRUCTION FENCE
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	ROCK CHECK DAM
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	CONCRETE WASHOUT AREA
	TEMPORARY SEDIMENTATION POND
	EROSION CONTROL BLANKET
	CHANNEL STABILIZATION MATTING
	SURFACE ROUGHENING



**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



PROJECT TITLE  
**EROSION CONTROL PLAN**  
H

DATE  
**05/23/2022**

REVISIONS

#	DATE	DESCRIPTION

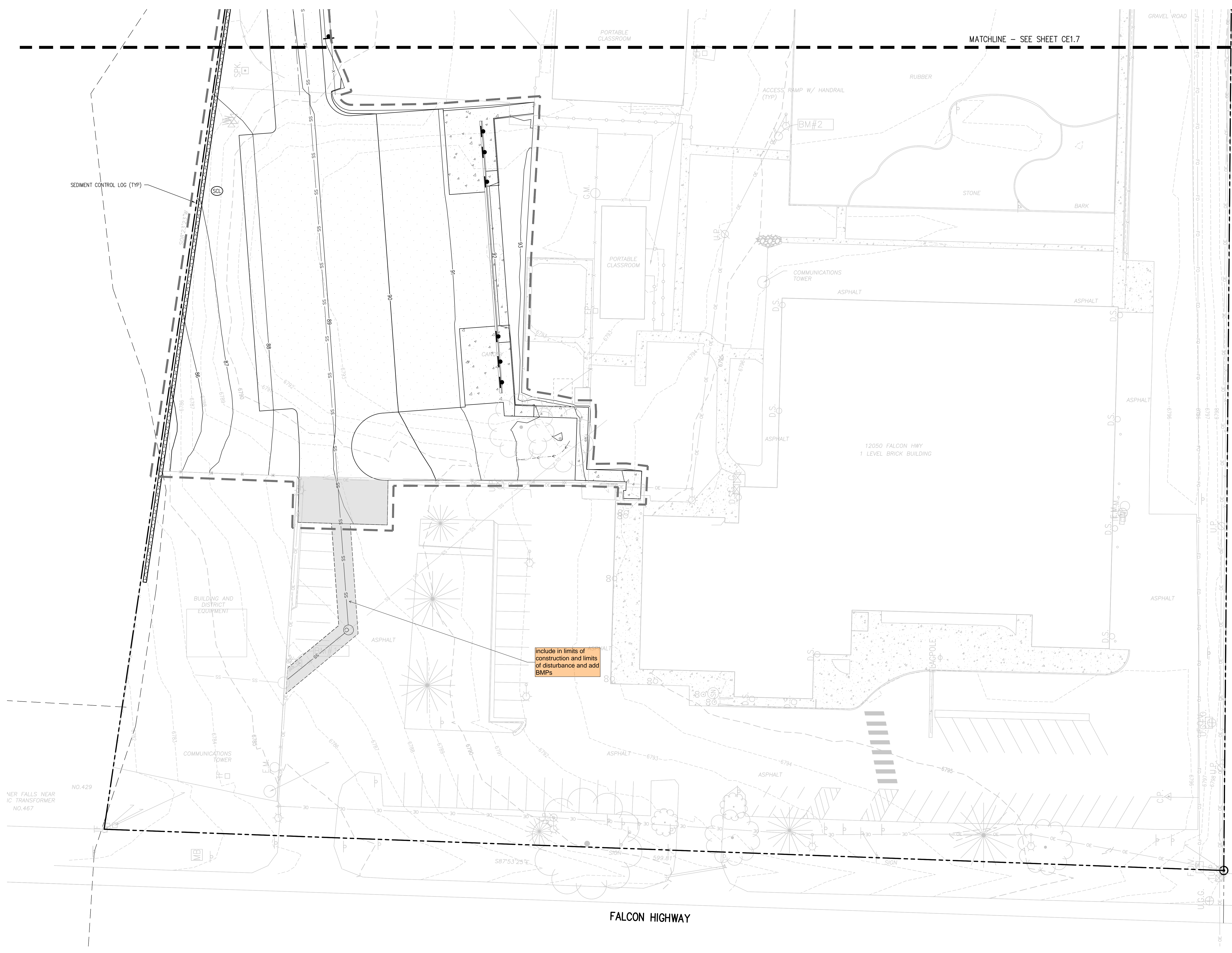
DESIGNED BY  
**TWW/AMB**

CHECKED BY  
**CWK**

PROJECT NO.  
**2021-041.00**

CONSTRUCTION DOCUMENTS

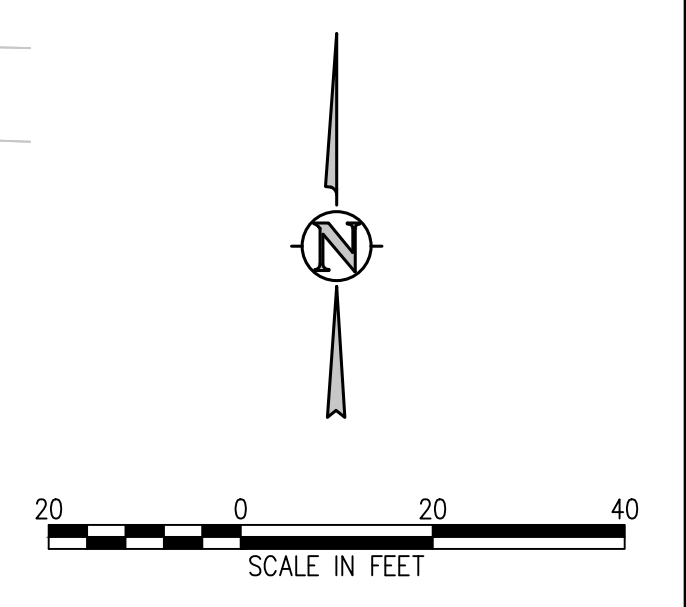
CE1.8



include in limits of construction and limits of disturbance and add BMPs

MATCHLINE - SEE SHEET CE1.7

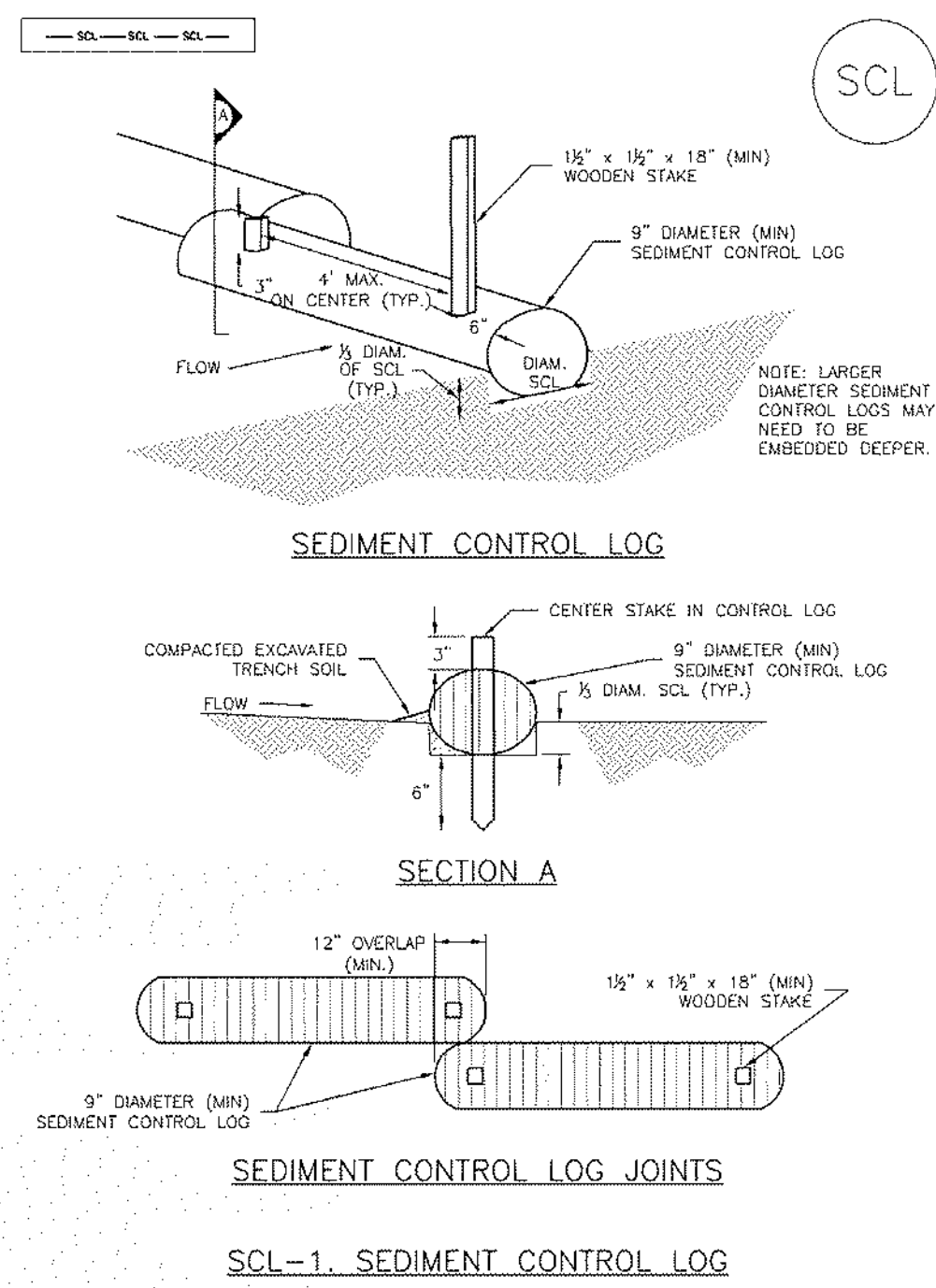
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- EXISTING INDEX CONTOUR
  - EXISTING INTERMEDIATE CONTOUR
  - PROPOSED INDEX CONTOUR
  - PROPOSED INTERMEDIATE CONTOUR
  - LIMITS OF WORK
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  - CHANNEL STABILIZATION MATTING
  - SURFACE ROUGHENING



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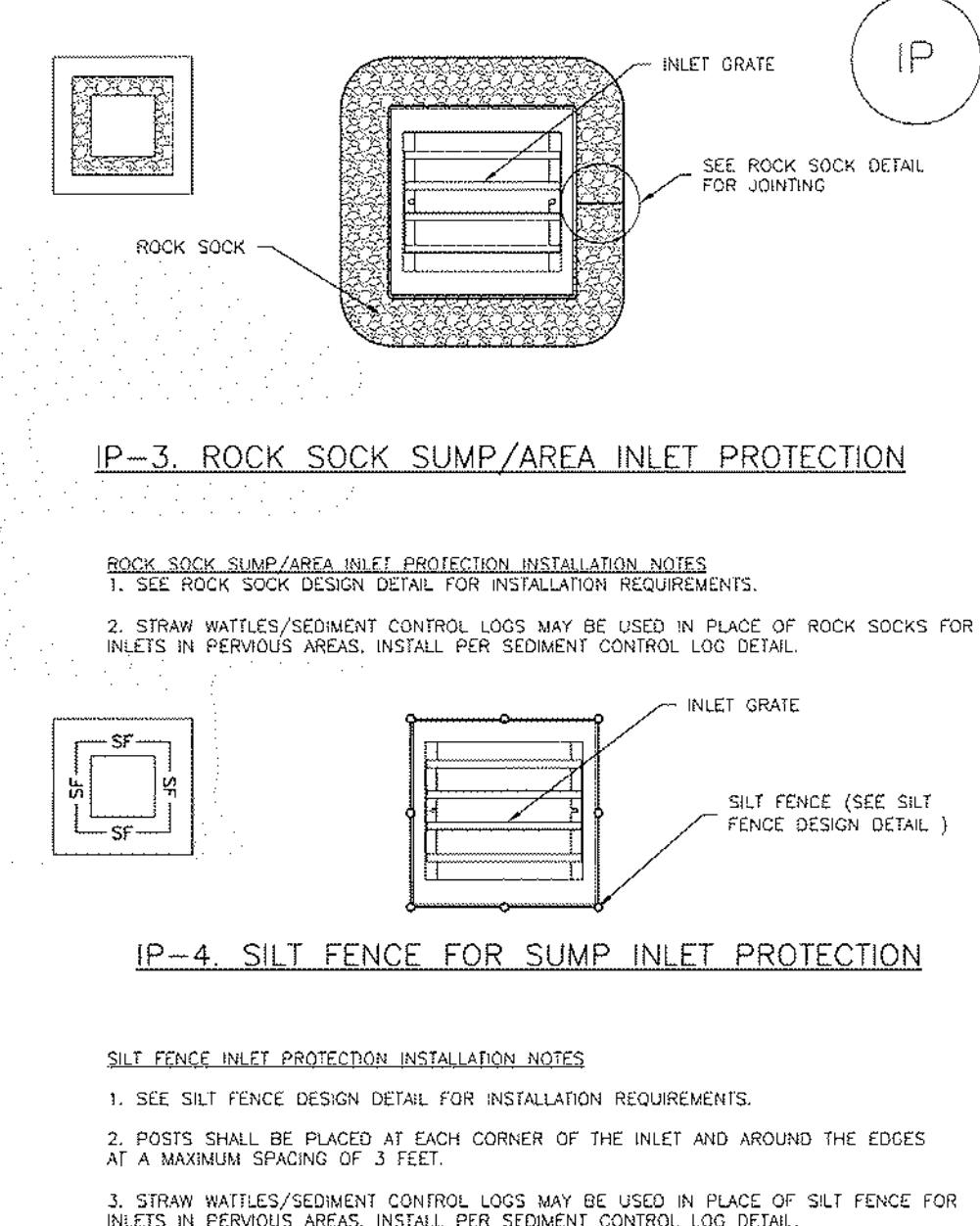


**Sediment Control Log (SCL) SC-2**



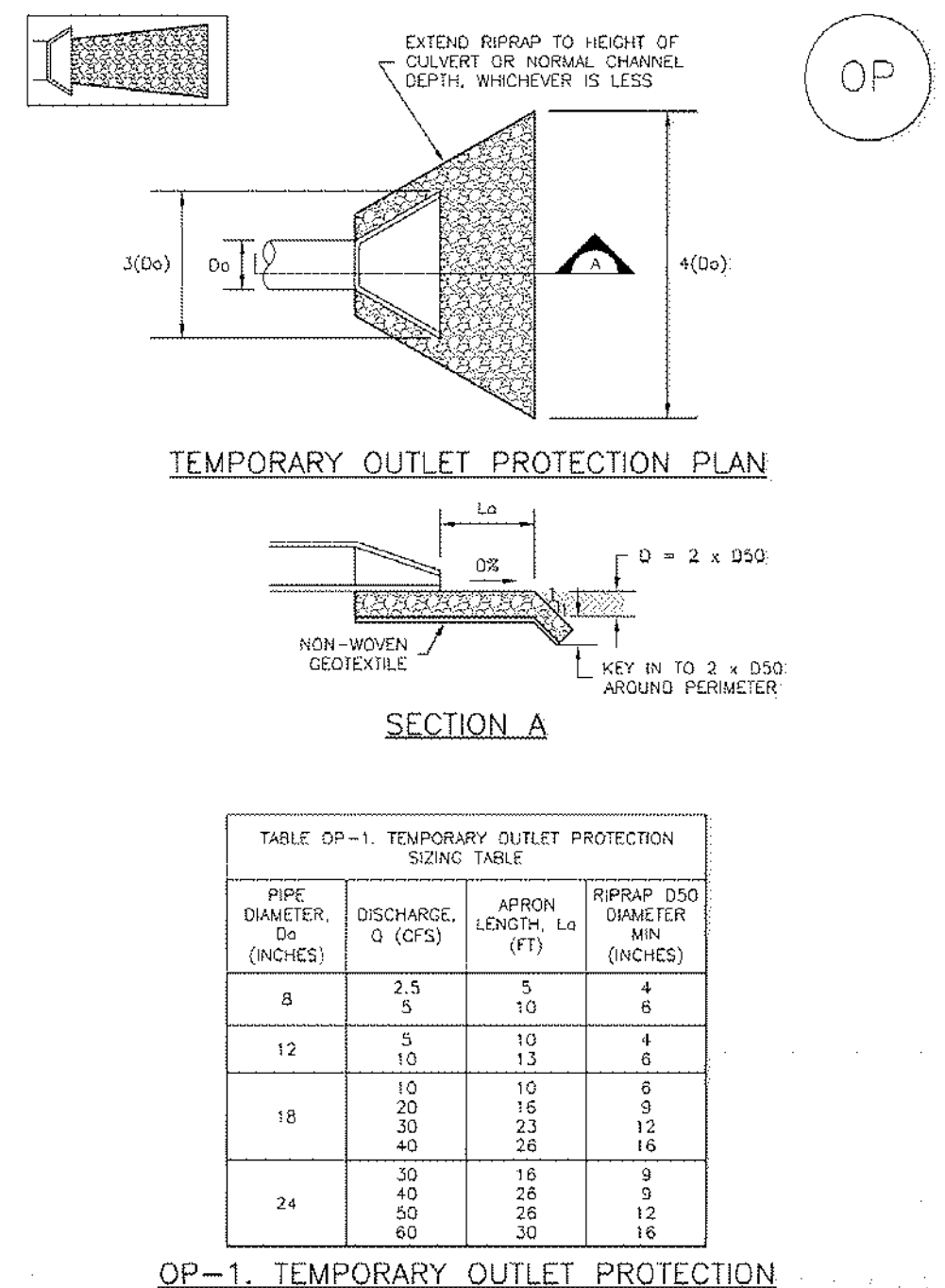
November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SCL-3

**Inlet Protection (IP) SC-6**



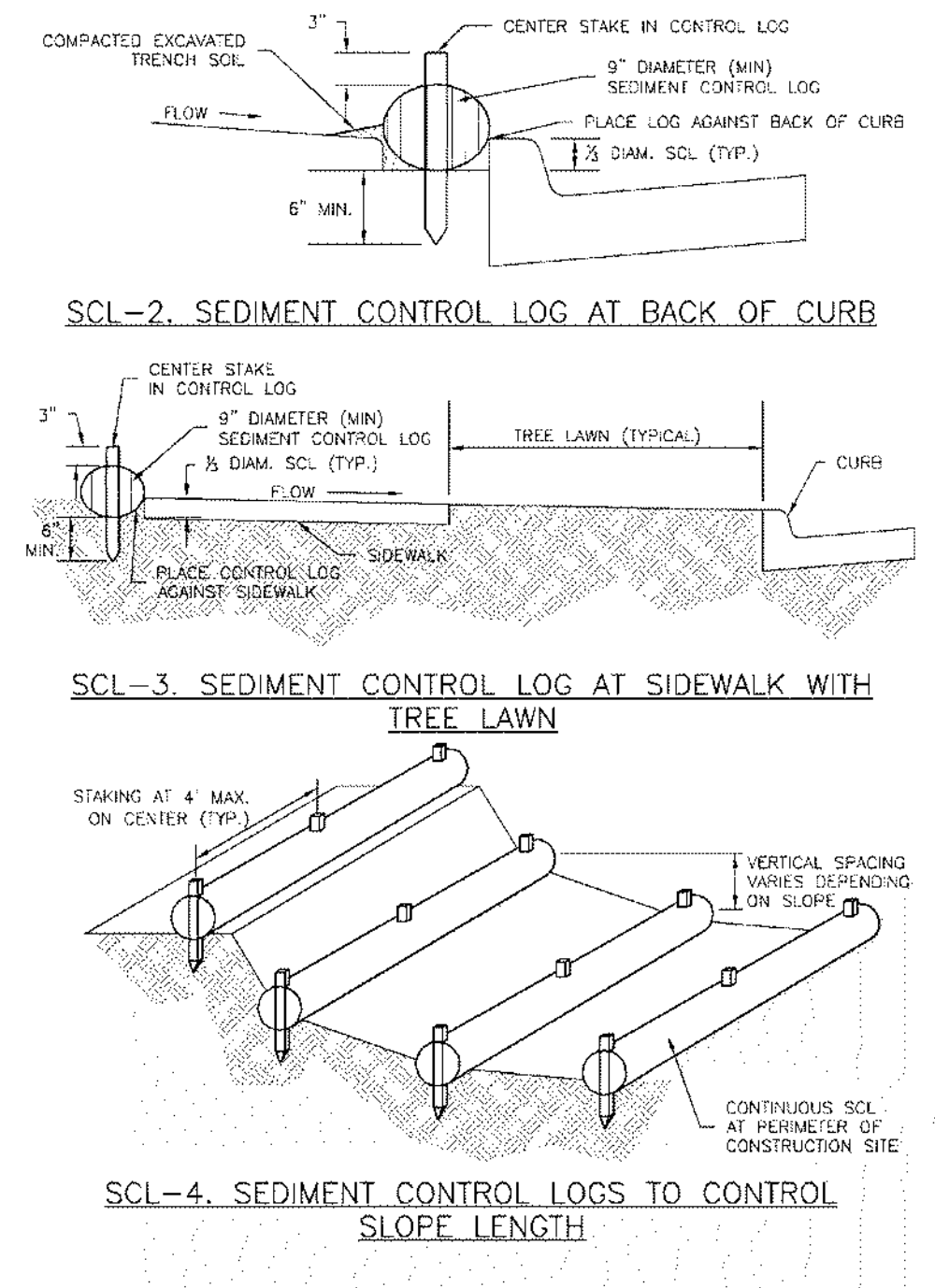
August 2013 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 IP-5

**EC-8 Temporary Outlet Protection (TOP) EC-8**



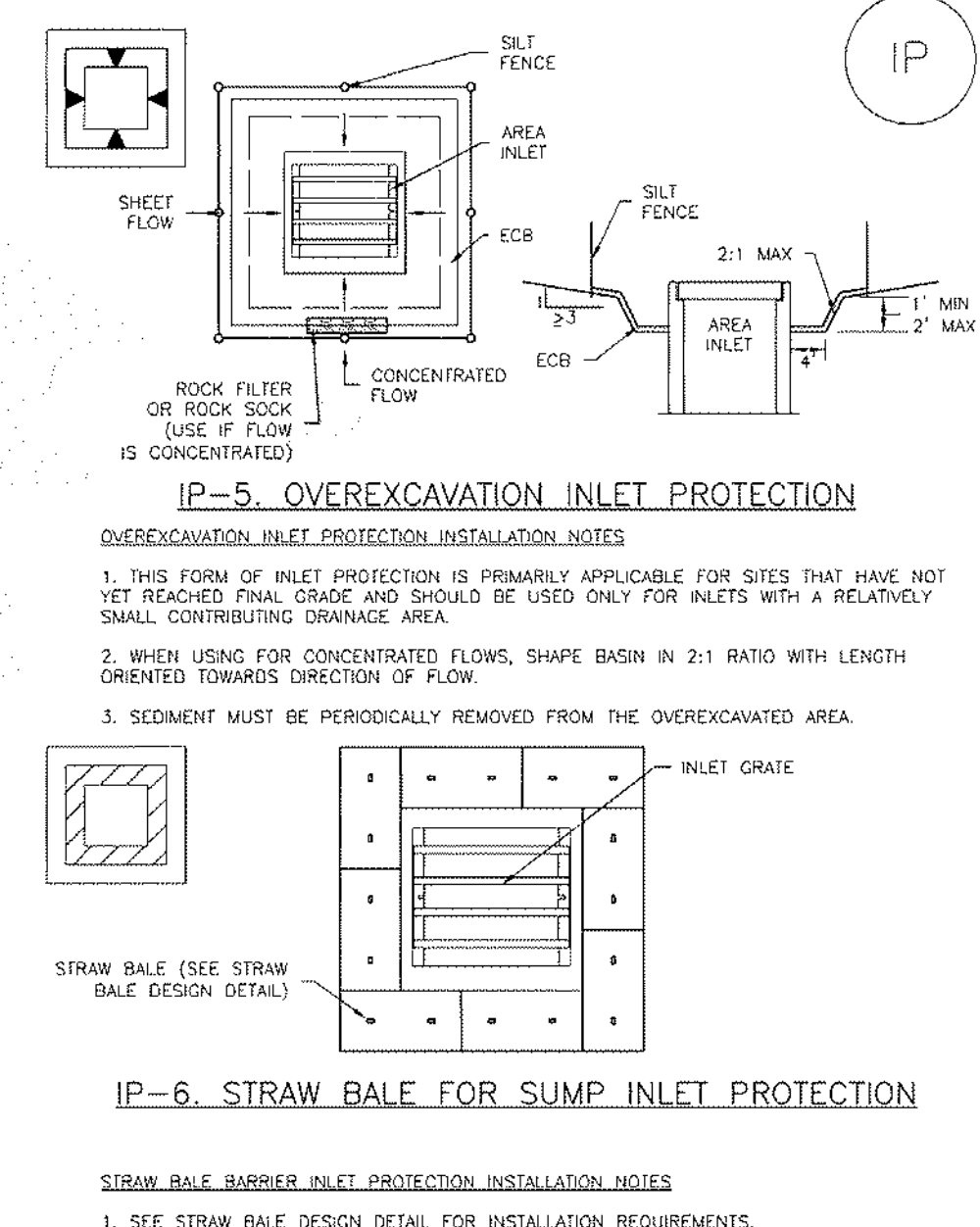
August 2013 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 EC-8

**SC-2 Sediment Control Log (SCL) SC-2**



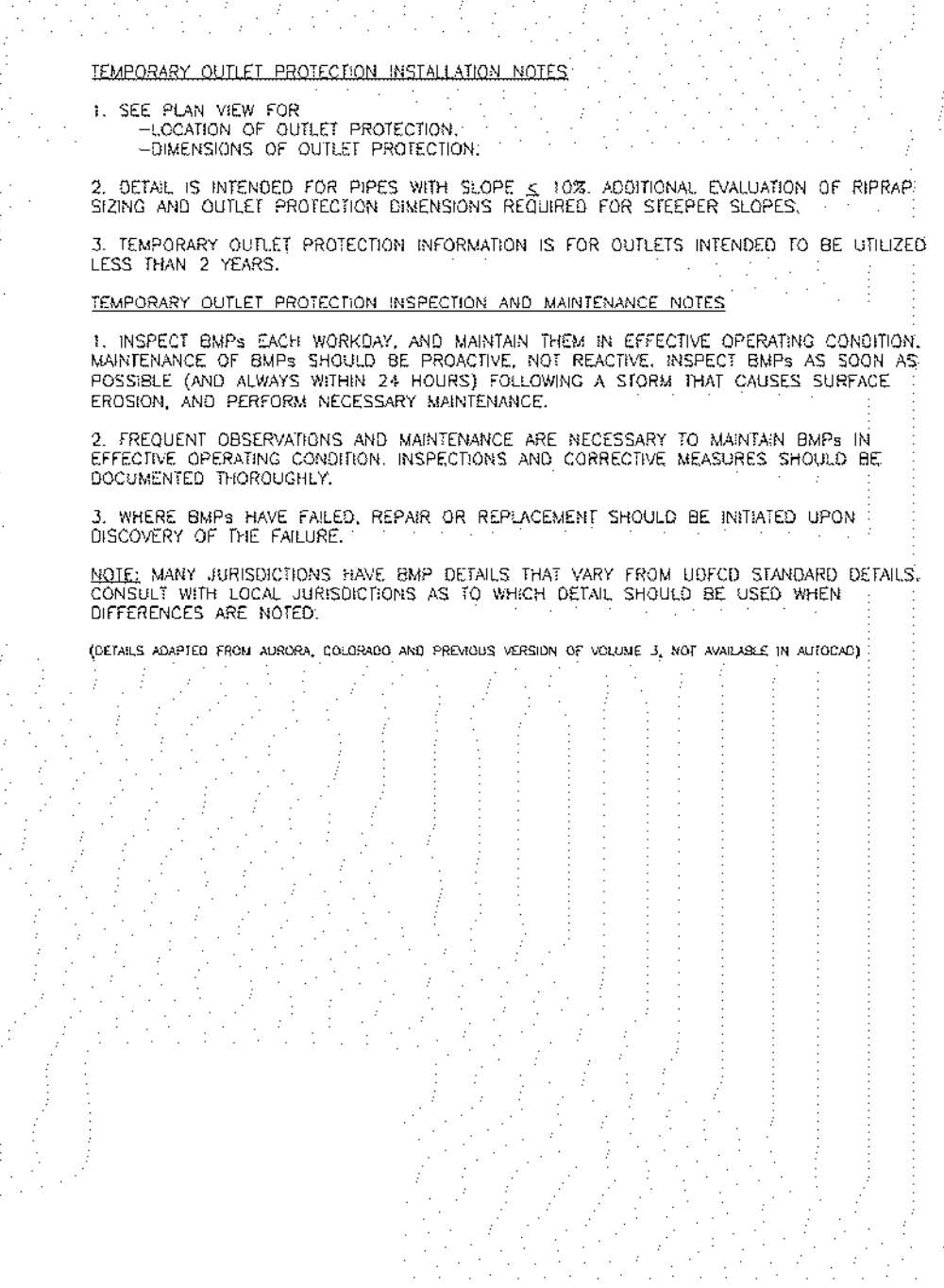
November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SCL-4

**SC-6 Inlet Protection (IP) SC-6**



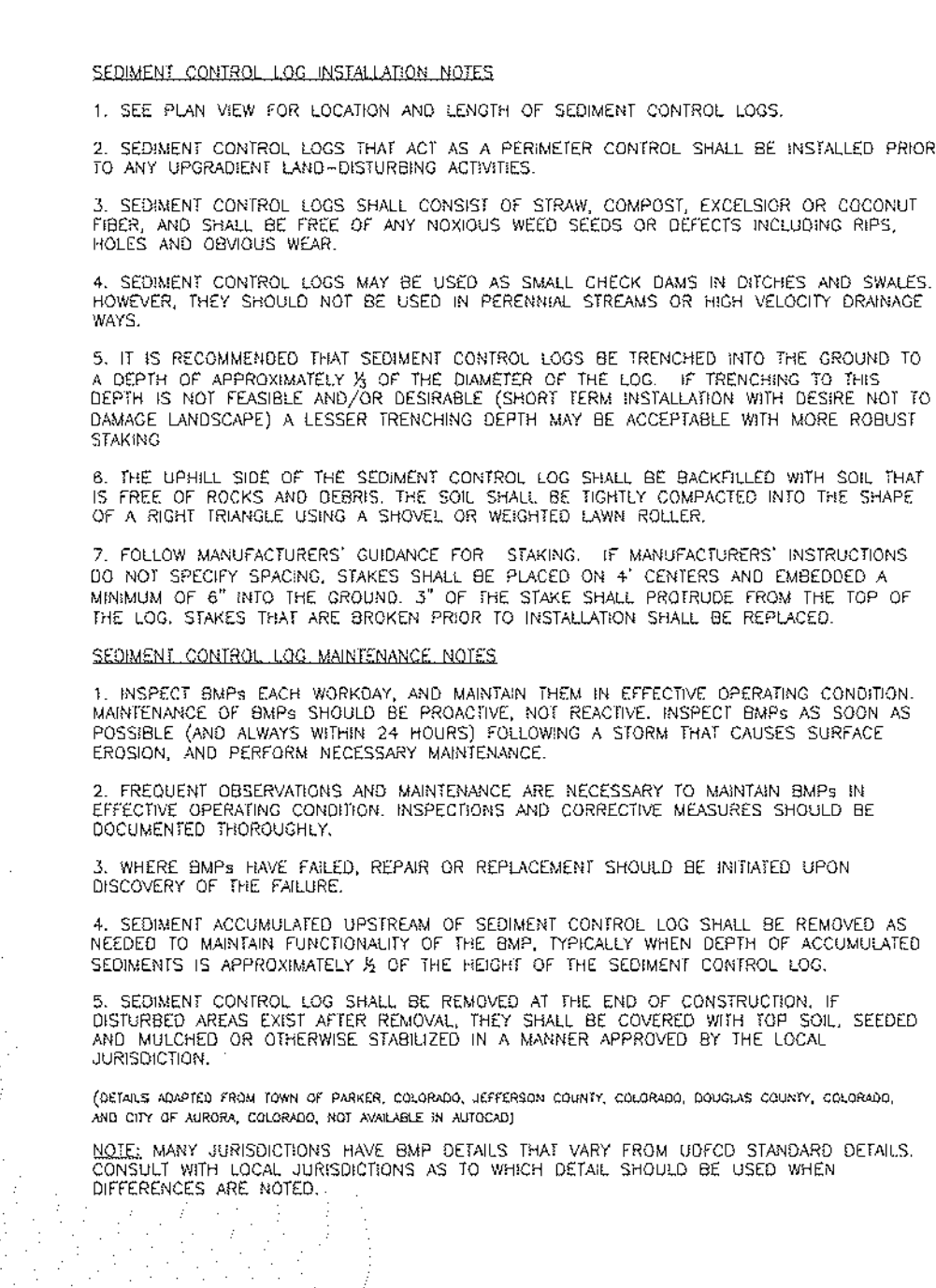
August 2013 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 IP-6

**EC-8 Temporary Outlet Protection (TOP) EC-8**



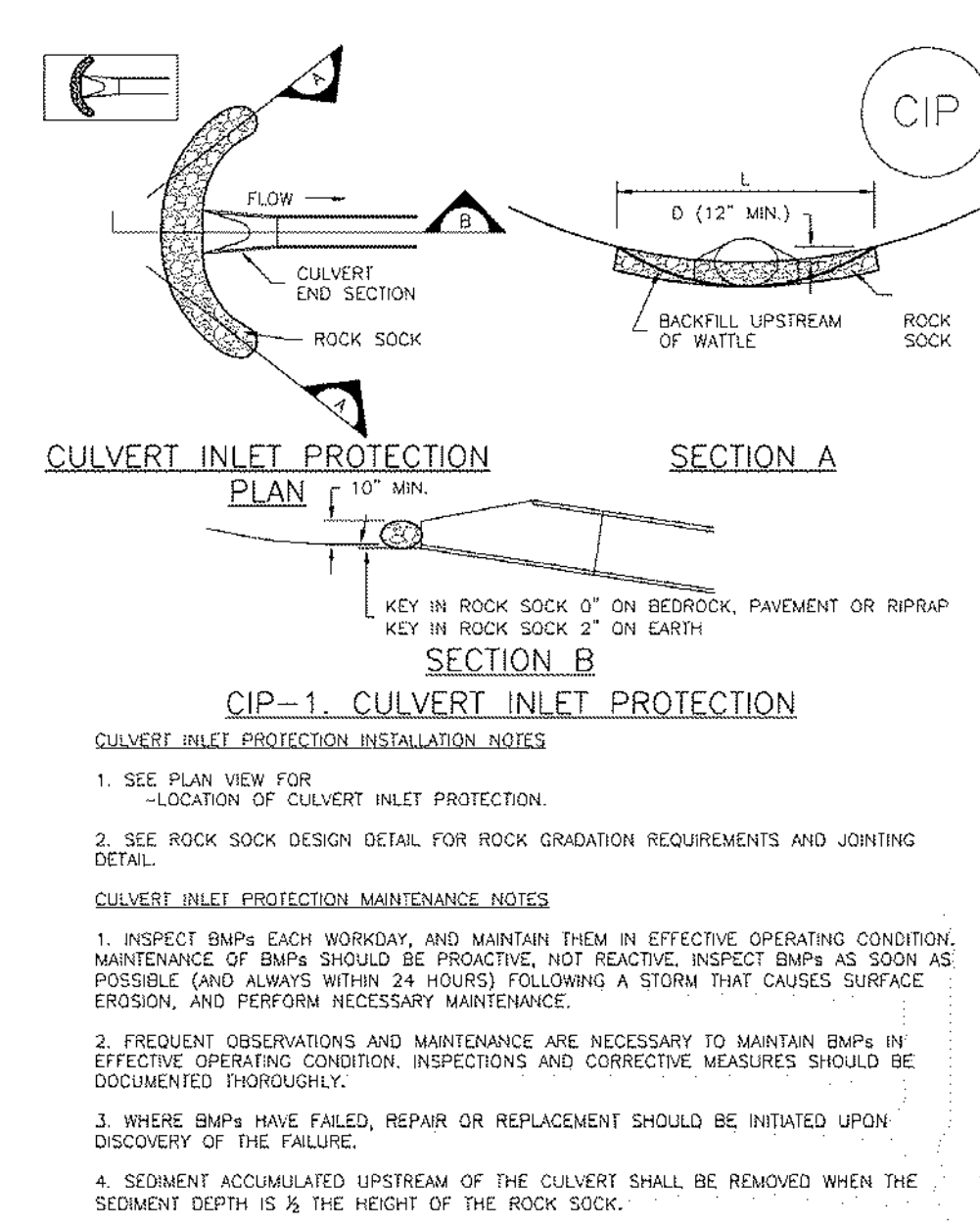
August 2013 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 EC-8

**Sediment Control Log (SCL) SC-2**



November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SCL-5

**Inlet Protection (IP) SC-6**



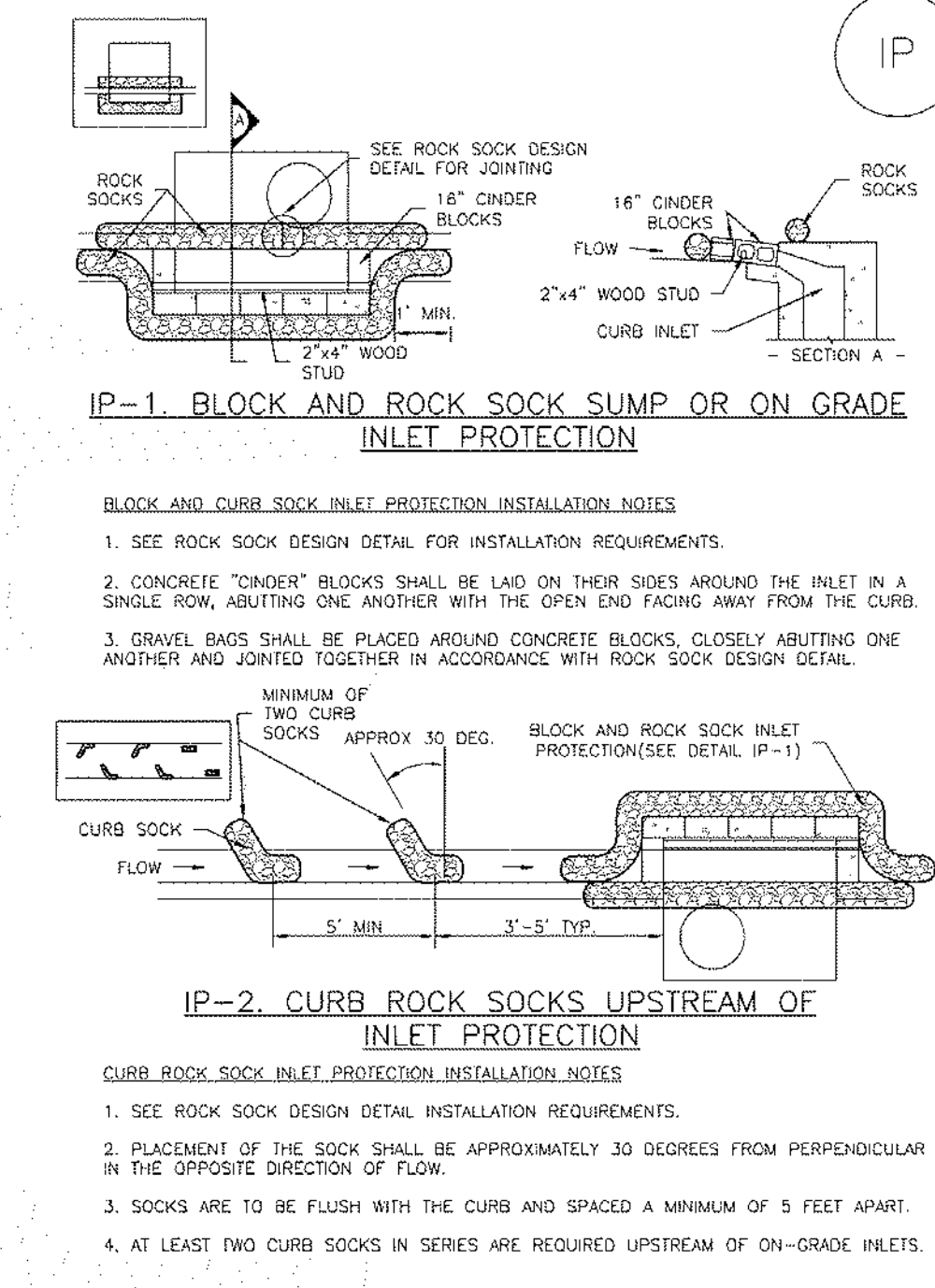
August 2013 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 IP-7

**EC-8 Temporary Outlet Protection (TOP) EC-8**



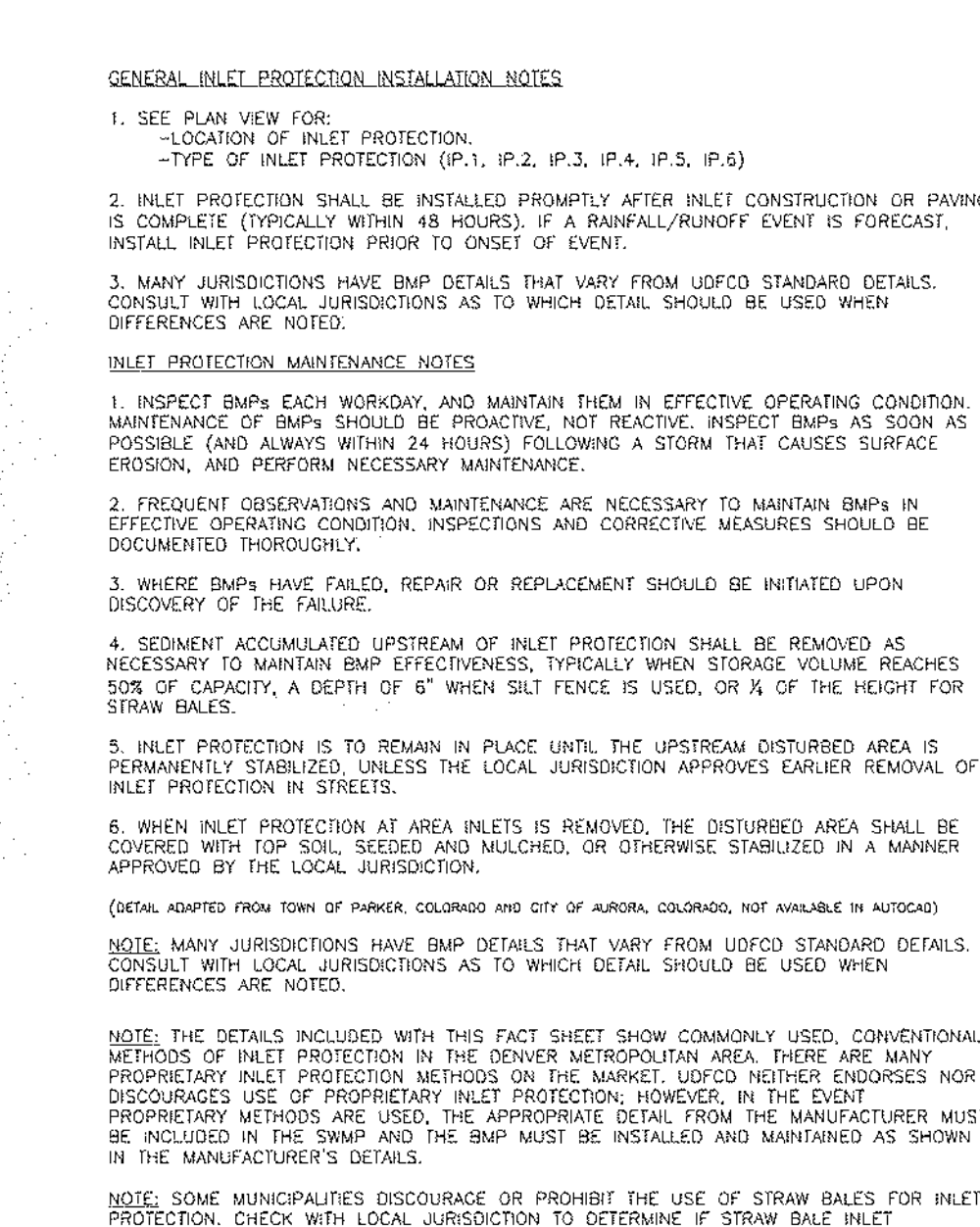
August 2013 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 EC-8

**SC-6 Inlet Protection (IP) SC-6**



August 2013 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 IP-4

**SC-6 Inlet Protection (IP) SC-6**



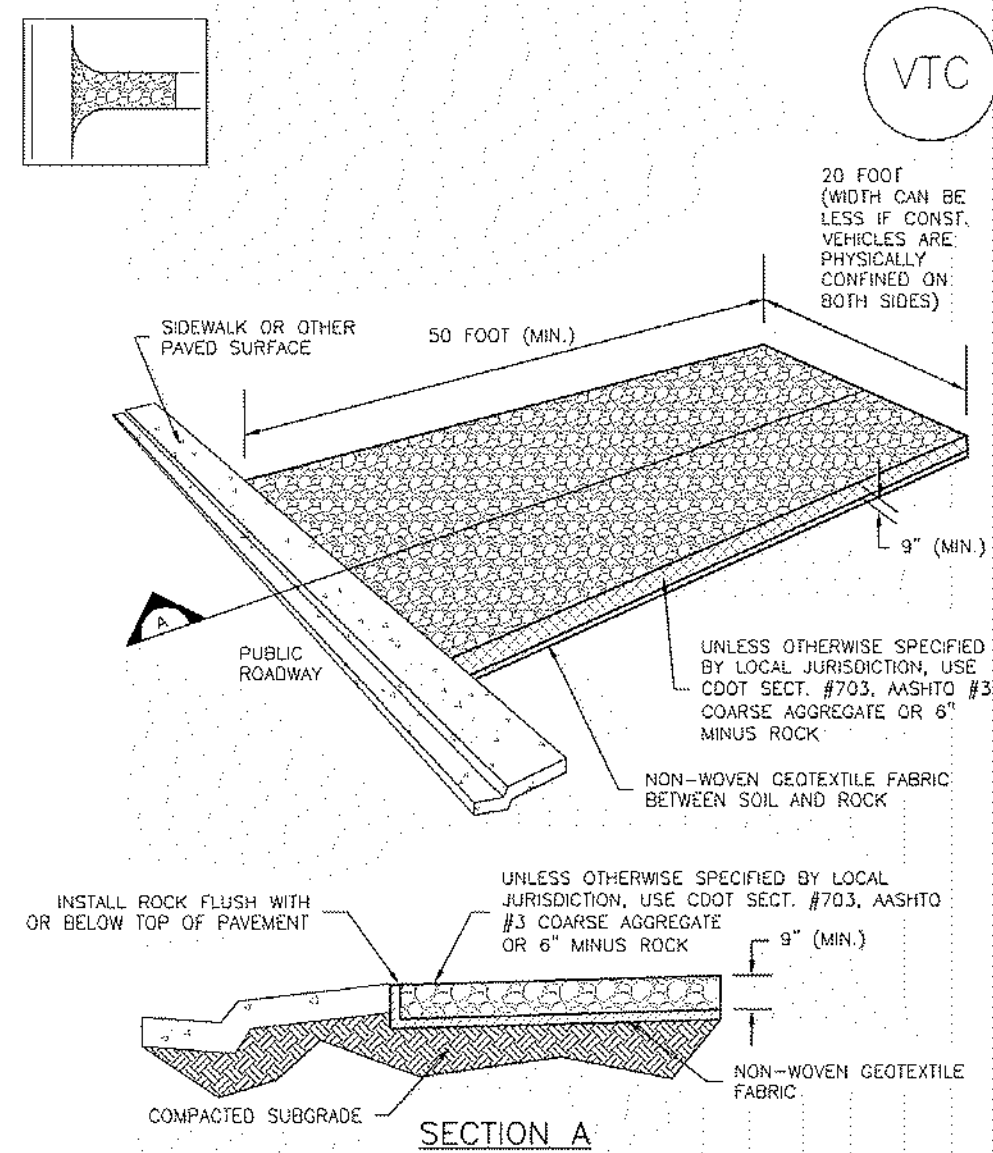
August 2013 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 IP-8

**EC-8 Temporary Outlet Protection (TOP) EC-8**



August 2013 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 EC-8

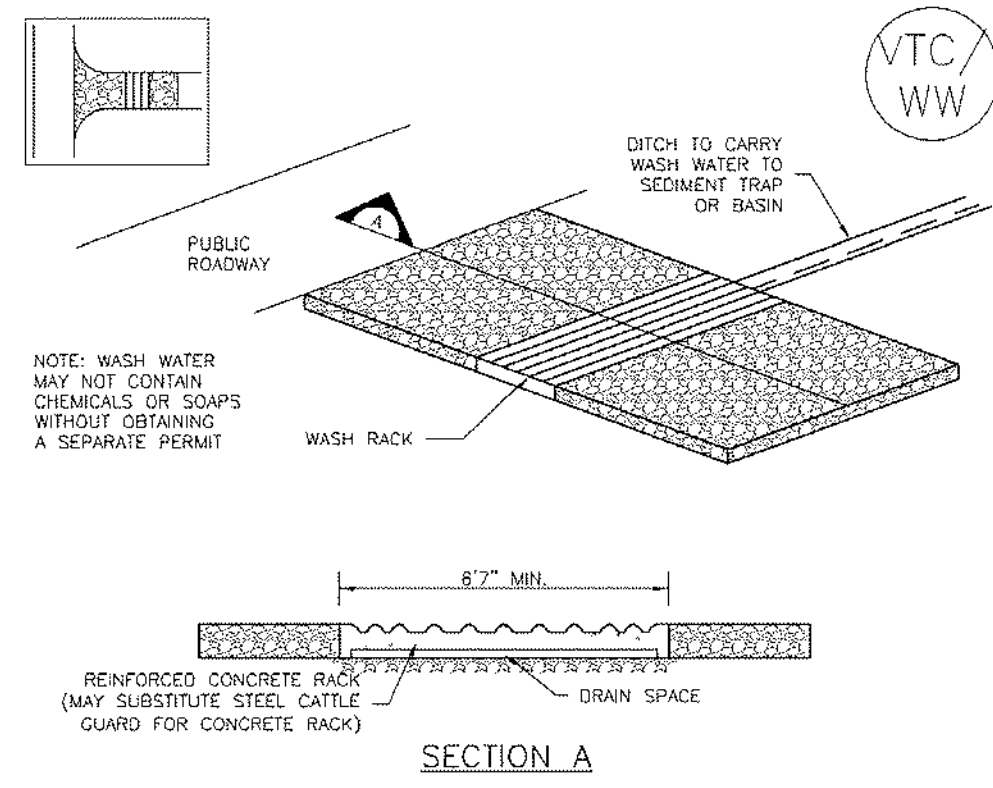
**Vehicle Tracking Control (VTC) SM-4**



**VTC-1. AGGREGATE VEHICLE TRACKING CONTROL**

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 VTC-3

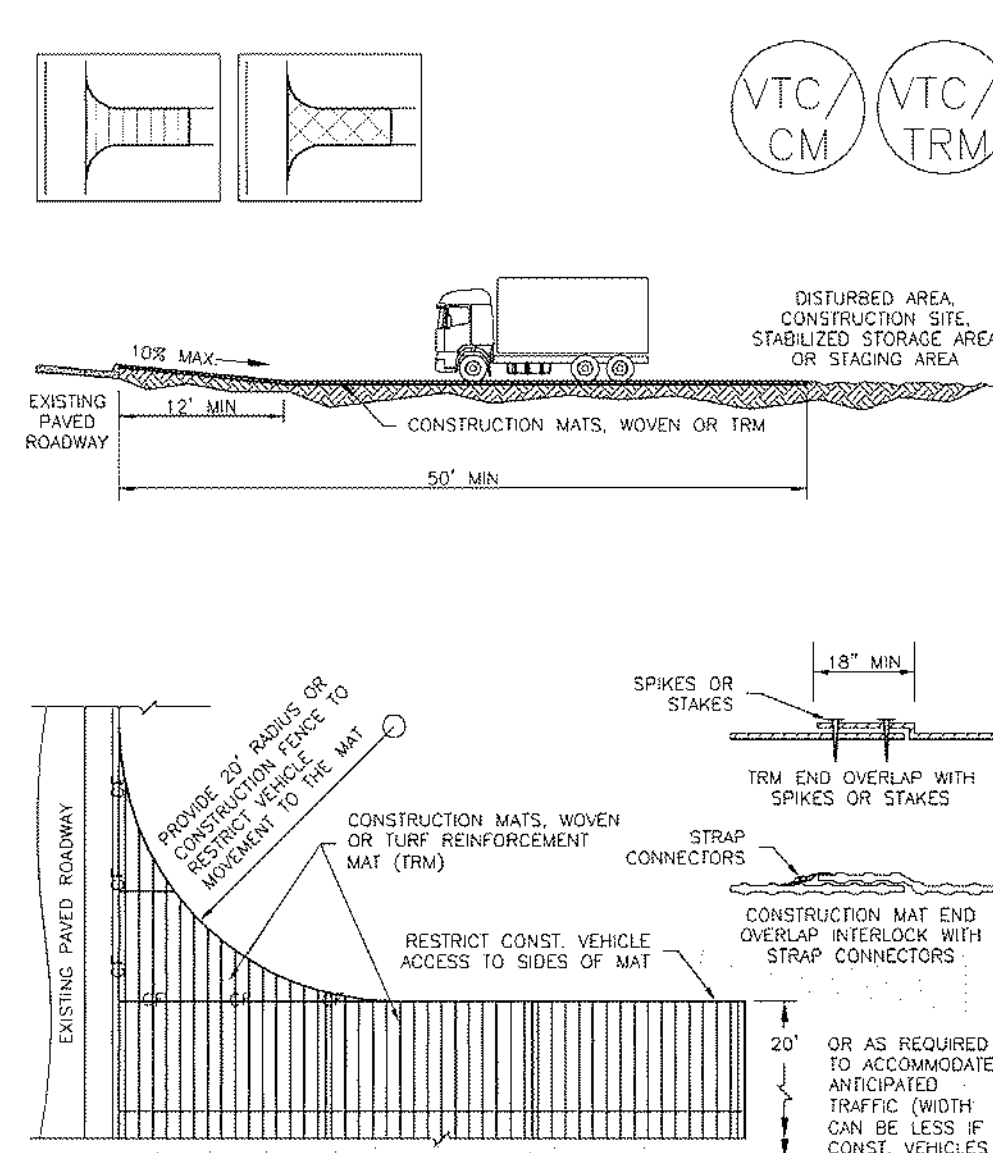
**SM-4 Vehicle Tracking Control (VTC)**



**VTC-2. AGGREGATE VEHICLE TRACKING CONTROL WITH WASH RACK**

VTC-4 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010

**Vehicle Tracking Control (VTC) SM-4**



**VTC-3. VEHICLE TRACKING CONTROL W/ CONSTRUCTION MAT OR TURF REINFORCEMENT MAT (TRM)**

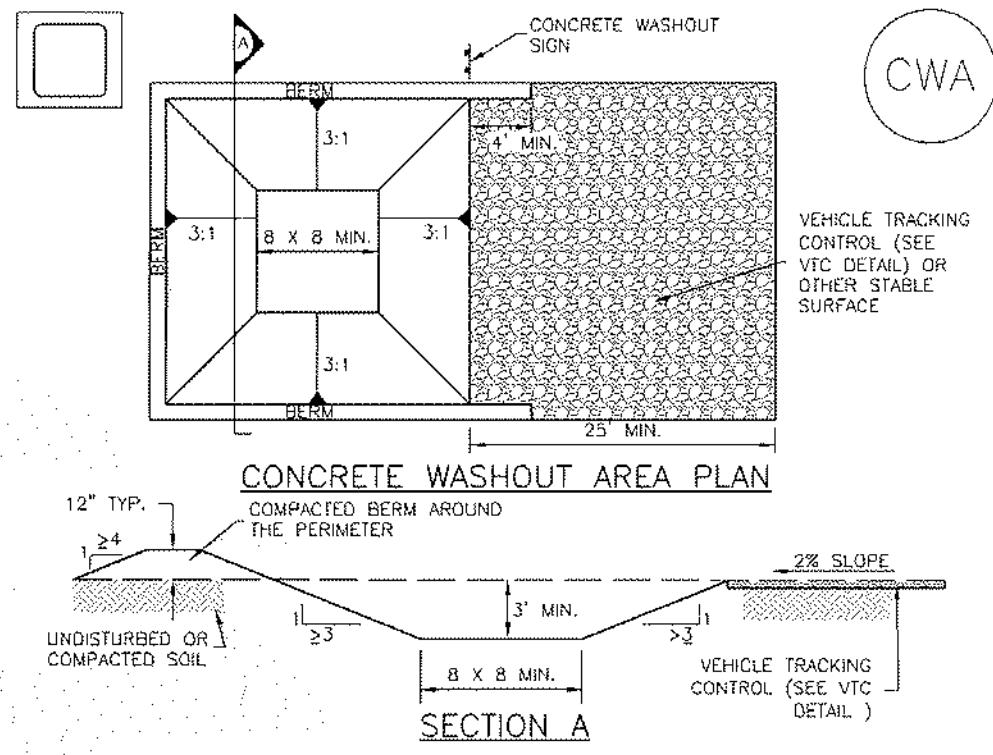
November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 VTC-5

**SM-4 Vehicle Tracking Control (VTC)**

- STABILIZED CONSTRUCTION ENTRANCE/EXIT INSTALLATION NOTES**
- SEE PLAN VIEW FOR:
    - LOCATION OF CONSTRUCTION ENTRANCE(S)/EXIT(S)
    - TYPE OF CONSTRUCTION ENTRANCE(S)/EXIT(S) (CMH/WITHOUT WHEEL WASH, CONSTRUCTION MAT OR TRM)
  - CONSTRUCTION MAT OR TRM STABILIZED CONSTRUCTION ENTRANCES ARE ONLY TO BE USED ON SHORT DURATION PROJECTS (TYPICALLY RANGING FROM A WEEK TO A MONTH) WHERE THERE WILL BE LIMITED VEHICULAR ACCESS.
  - A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE LOCATED AT ALL ACCESS POINTS WHERE VEHICLES ACCESS THE CONSTRUCTION SITE FROM PAVED RIGHT-OF-WAYS.
  - STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
  - A NON-WOVEN GEOTEXTILE FABRIC SHALL BE PLACED UNDER THE STABILIZED CONSTRUCTION ENTRANCE/EXIT PRIOR TO THE PLACEMENT OF ROCK.
  - UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, ROCK SHALL CONSIST OF DOT SECT. #703 AND/OR #3 COMP. AGGREGATE OR 4\"/>
- STABILIZED CONSTRUCTION ENTRANCE/EXIT MAINTENANCE NOTES**
- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
  - FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
  - WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
  - ROCK SHALL BE REPLACED OR REGRADED AS NECESSARY TO THE STABILIZED ENTRANCE/EXIT TO MAINTAIN A CONSISTENT DEPTH.
  - SEDIMENT TRACKED ONTO PAVED ROADS IS TO BE REMOVED THROUGHOUT THE DAY AND AT THE END OF THE DAY BY SHOVELING OR SWEEPING. SEDIMENT MAY NOT BE WASHED DOWN STORM SEWER DRAINS.
- NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM USFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.
- (DETAILS ADAPTED FROM CITY OF BROOMFIELD, COLORADO, NOT AVAILABLE IN AUTOCAD)

VTC-6 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010

**Concrete Washout Area (CWA) MM-1**



**CWA-1. CONCRETE WASHOUT AREA**

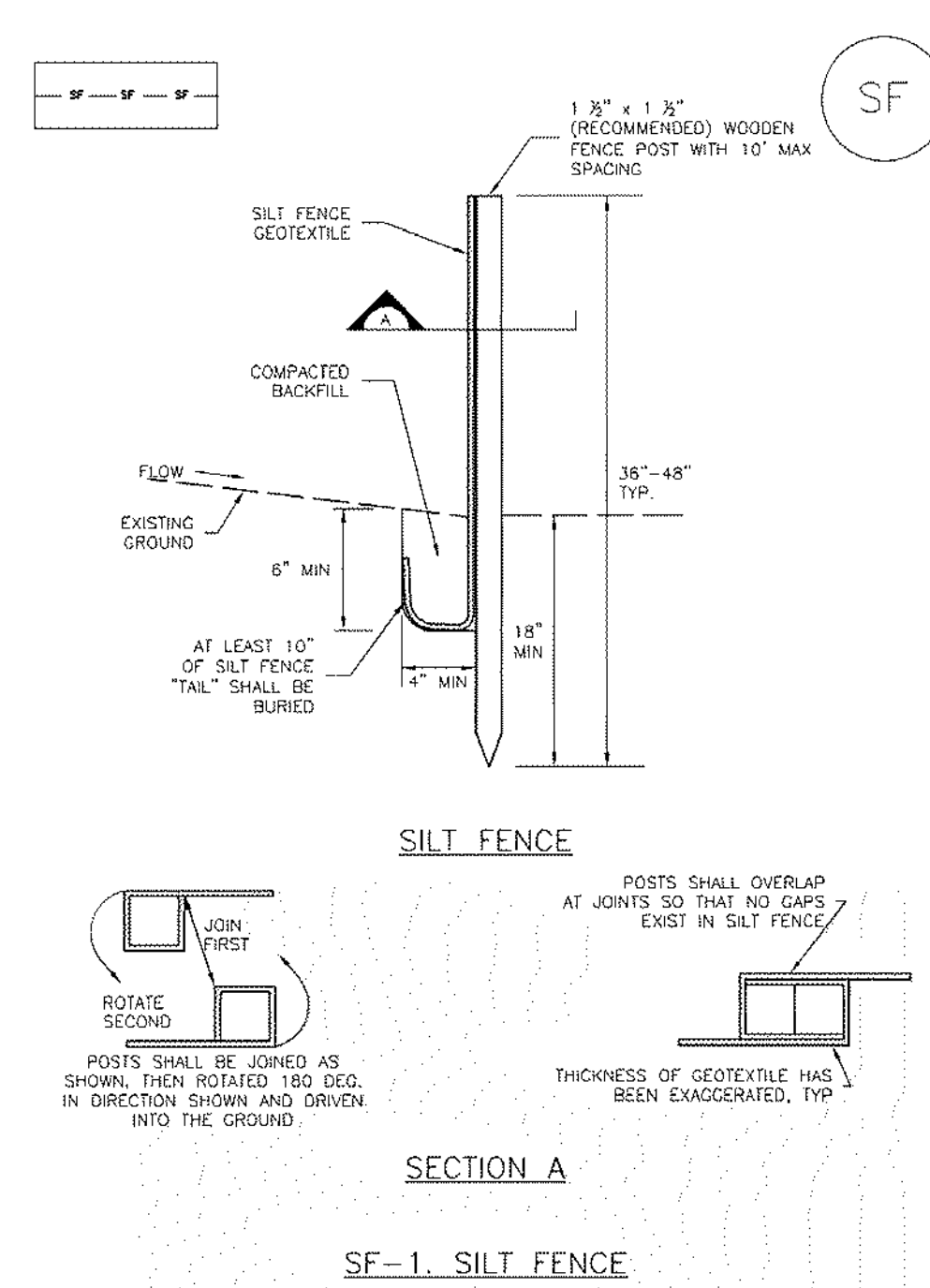
November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 CWA-3

**MM-1 Concrete Washout Area (CWA)**

- CWA MAINTENANCE NOTES**
- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
  - FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
  - WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
  - THE CWA SHALL BE REPAIRED, CLEANED, OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR CONCRETE WASTE. CONCRETE MATERIALS ACCUMULATED IN PIT SHALL BE REMOVED ONCE THE MATERIALS HAVE REACHED A DEPTH OF 2\"/>
- (DETAILS ADAPTED FROM BOULDER COUNTY, COLORADO AND THE CITY OF PARKER, COLORADO, NOT AVAILABLE IN AUTOCAD)
- NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM USFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

CWA-4 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010

**Silt Fence (SF) SC-1**



**SF-1. SILT FENCE**

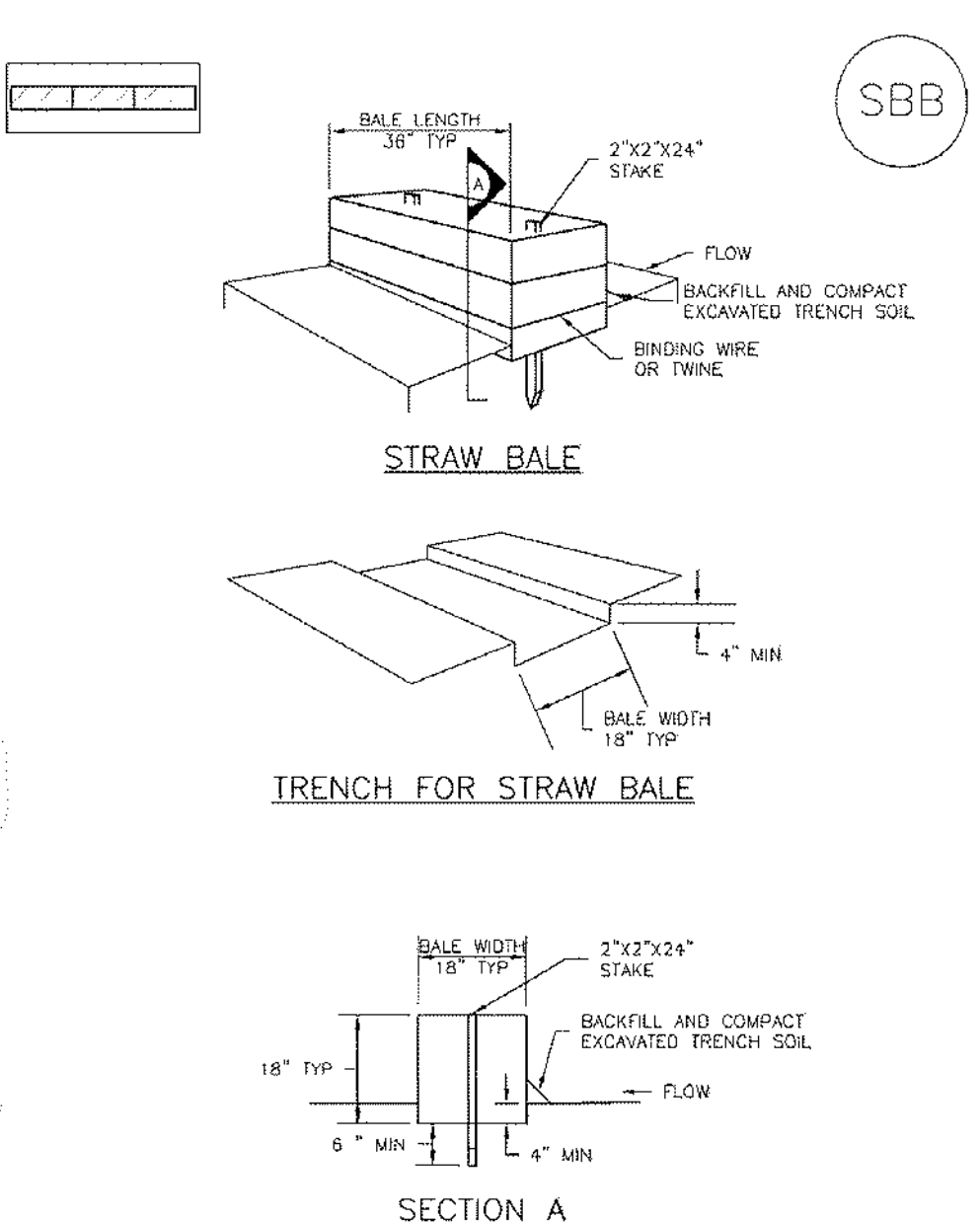
November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SF-3

**SC-1 Silt Fence (SF)**

- SILT FENCE INSTALLATION NOTES**
- SILT FENCE MUST BE PLACED AWAY FROM THE TOE OF THE SLOPE TO ALLOW FOR WATER PENETRATION. SILT FENCE AT THE TOE OF A SLOPE SHOULD BE INSTALLED IN A FLAT LOCATION AT LEAST SEVERAL FEET (2-5 FT) FROM THE TOE OF THE SLOPE TO ALLOW ROOM FOR PENNING AND DISPOSITION.
  - A UNIFORM 8\"/>
- SILT FENCE MAINTENANCE NOTES**
- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
  - FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
  - WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
  - SEDIMENT ACCUMULATED UPSTREAM OF THE BMP, TYPICALLY WHEN DEPTH OF ACCUMULATED SEDIMENTS IS APPROXIMATELY 6\"/>
- (DETAILS ADAPTED FROM TOWN OF PARKER, COLORADO AND CITY OF AURORA, NOT AVAILABLE IN AUTOCAD)
- NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM USFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

SF-4 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010

**SC-3 Straw Bale Barrier (SBB)**



**SBB-1. STRAW BALE**

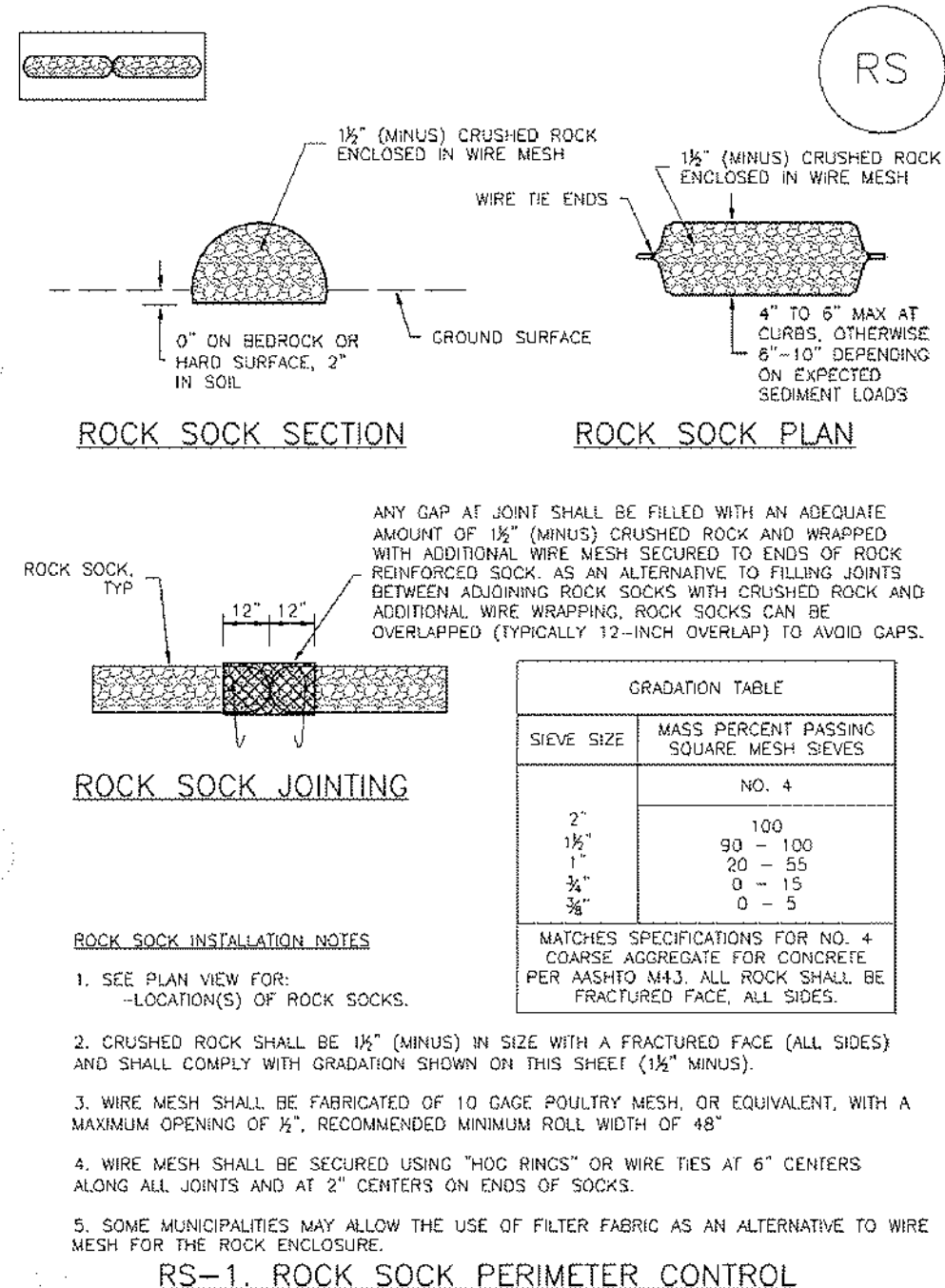
November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SBB-3

**SC-3 Straw Bale Barrier (SBB)**

- STRAW BALE INSTALLATION NOTES**
- SEE PLAN VIEW FOR:
    - LOCATION(S) OF STRAW BALES
  - STRAW BALES SHALL CONSIST OF CERTIFIED WEED FREE STRAW OR HAY. LOCAL JURISDICTIONS MAY REQUIRE PROOF THAT BALES ARE WEED FREE.
  - STRAW BALES SHALL CONSIST OF APPROXIMATELY 5 CUBIC FEET OF STRAW OR HAY AND MECH NOT LESS THAN 25 POUNDS.
  - WHEN STRAW BALES ARE USED IN SERIES AS A BARRIER, THE END OF EACH BALE SHALL BE TIGHTLY ADJUTING ONE ANOTHER.
  - STRAW BALE DIMENSIONS SHALL BE APPROXIMATELY 36\"/>
- STRAW BALE MAINTENANCE NOTES**
- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
  - FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
  - WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
  - STRAW BALES SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED, ROTTEN, OR DAMAGED BEYOND REPAIR.
  - SEDIMENT ACCUMULATED UPSTREAM OF STRAW BALE BARRIER SHALL BE REMOVED AS NEEDED TO MAINTAIN FUNCTIONALITY OF THE BMP. TYPICALLY WHEN DEPTH OF ACCUMULATED SEDIMENTS IS APPROXIMATELY 6\"/>
- (DETAILS ADAPTED FROM TOWN OF PARKER, COLORADO, NOT AVAILABLE IN AUTOCAD)
- NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM USFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

SBB-4 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010

**SC-5 Rock Sock (RS)**



**RS-1. ROCK SOCK PERIMETER CONTROL**

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 RS-3

**SC-5 Rock Sock (RS)**

- ROCK SOCK MAINTENANCE NOTES**
- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
  - FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
  - WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
  - ROCK SOCKS SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED, OR DAMAGED BEYOND REPAIR.
  - SEDIMENT ACCUMULATED UPSTREAM OF ROCK SOCKS SHALL BE REMOVED AS NEEDED TO MAINTAIN FUNCTIONALITY OF THE BMP. TYPICALLY WHEN DEPTH OF ACCUMULATED SEDIMENTS IS APPROXIMATELY 6\"/>
- (DETAILS ADAPTED FROM TOWN OF PARKER, COLORADO AND CITY OF AURORA, NOT AVAILABLE IN AUTOCAD)
- NOTE: THE DETAILS INCLUDED WITH THIS FACT SHEET SHOW COMMONLY USED, CONVENTIONAL METHODS OF ROCK SOCK INSTALLATION IN THE HEAVY METALLURGY AREA. THERE ARE MANY OTHER SIMILAR PROPRIETARY PRODUCTS ON THE MARKET. USFCD NEITHER ENDORSES NOR DISAPPROVES USE OF PROPRIETARY PERIMETER PRODUCTS. HOWEVER, THE BEST PROPRIETARY METHODS ARE USED, THE APPROPRIATE DETAIL FROM THE MANUFACTURER MUST BE INCLUDED IN THE BMP AND THE BMP MUST BE INSTALLED AND MAINTAINED AS SHOWN IN THE MANUFACTURER'S DETAILS.

RS-4 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010



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 COLORADO SPRINGS, CO. 80903  
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 www.raarchitects.com

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**SCHOOL DISTRICT NO 49**  
 11971 SWINGLINE ROAD  
 PEYTON, CO 80831



SHEET TITLE  
**EROSION CONTROL DETAILS**

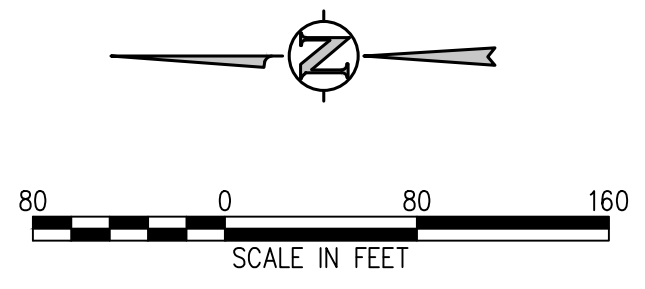
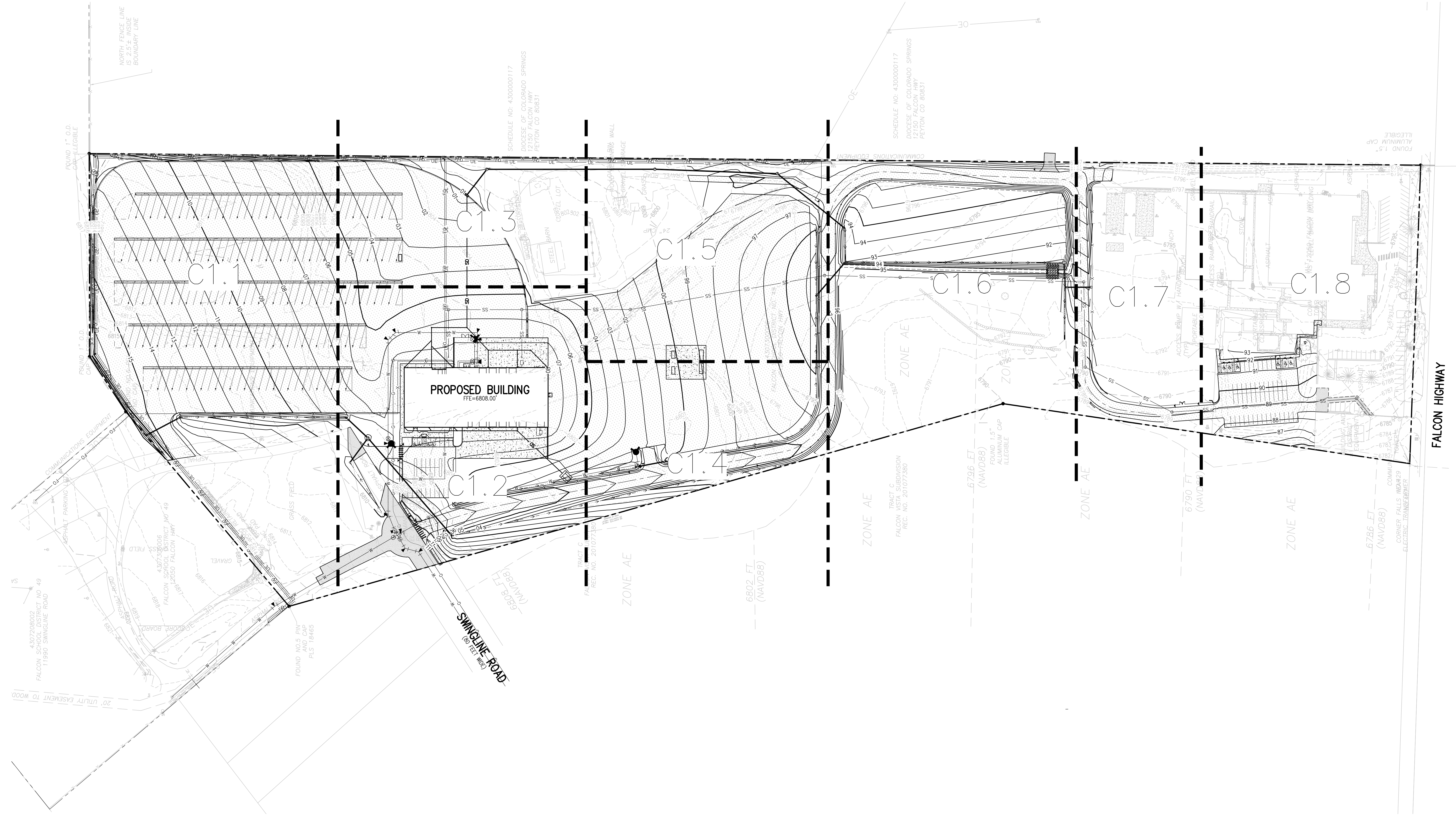
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**05/23/2022 2021-041-00**

REVISIONS  
 # DATE DESCRIPTION

DESIGNED BY: **CWK/HCM**  
 DRAWN BY: **T.W. AMB**  
 CHECKED BY: **CWK**

ISSUED FOR  
**CONSTRUCTION DOCUMENTS**

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- GRADING AND DRAINAGE NOTES:**
1. CONTRACTOR TO FIELD VERIFY ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. REFER TO GENERAL NOTES FOR UTILITY LOCATION AND PROTECTION.
  2. REFER TO HORIZONTAL CONTROL PLAN FOR FURTHER INFORMATION PERTAINING TO CURB & GUTTER, CHASES, AND DRAINAGE PANS.
  3. CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL DISTURBED AREAS TO THEIR ORIGINAL CONDITIONS.
  4. ALL SPOT ELEVATIONS ARE TO FINISHED GRADE OR FLOWLINE UNLESS OTHERWISE SPECIFIED.
  5. IF WALL IS SHOWN, TC DENOTES THE FINISHED GRADE ADJACENT TO THE HIGH SIDE OF THE WALL. BG DENOTES THE FINISHED GRADE ADJACENT TO THE LOW SIDE OF THE WALL. REFER TO ARCH PLANS/DETAILS FOR WALL ELEVATIONS BEYOND THE ADJACENT FINISHED GRADES (EXPOSED WALL, CAP/FOOTER, ETC.)

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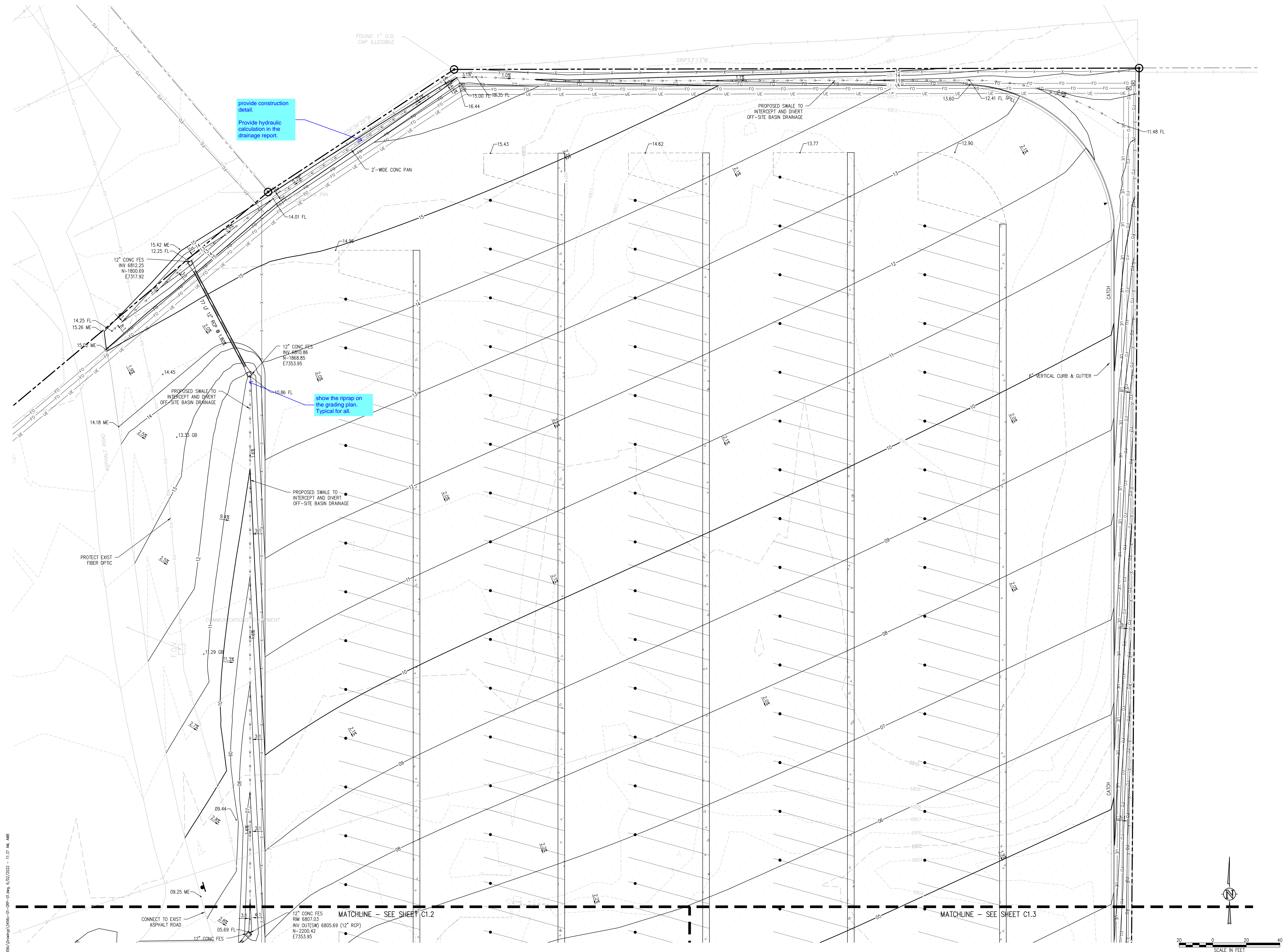


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WTA PROJECT NUMBER  
**2021-041.00**  
DATE  
**05/23/2022**

#	DATE	DESCRIPTION

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**CONSTRUCTION DOCUMENTS**



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SHEET TITLE  
**GRADING AND DRAINAGE PLAN A**

WTA PROJECT NUMBER  
**2021-041.00**

DATE  
**05/23/2022**

#	DATE	DESCRIPTION
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DESIGNED BY: **CWK/HCM**  
CHECKED BY: **TWK/AMB**  
DATE: **CWK**



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SHEET TITLE  
**GRADING AND DRAINAGE PLAN B**

DATE PROJECT NUMBER  
**2021-041-00**

DATE  
**05/23/2022**

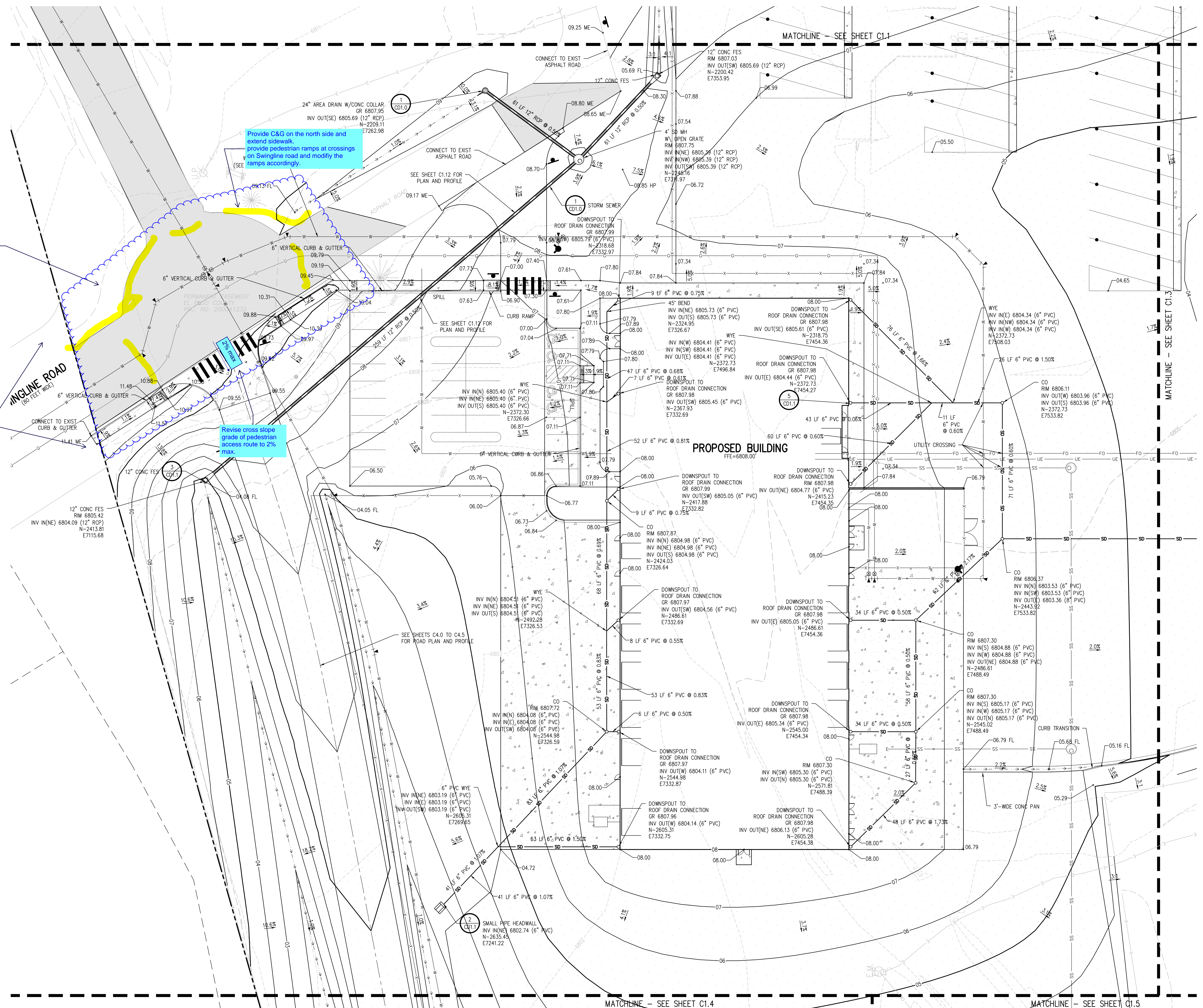
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# DATE DESCRIPTION

DESIGNED BY: **CWK/HCM**  
DRAWN BY: **TWW/AMB**  
CHECKED BY: **CWK**

ISSUED FOR  
**CONSTRUCTION DOCUMENTS**

C1.2



TRACT C  
FALCON VISTA SUBDIVISION  
REC. NO. 201077380



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SHEET TITLE  
**GRADING AND DRAINAGE PLAN C**

WTA PROJECT NUMBER  
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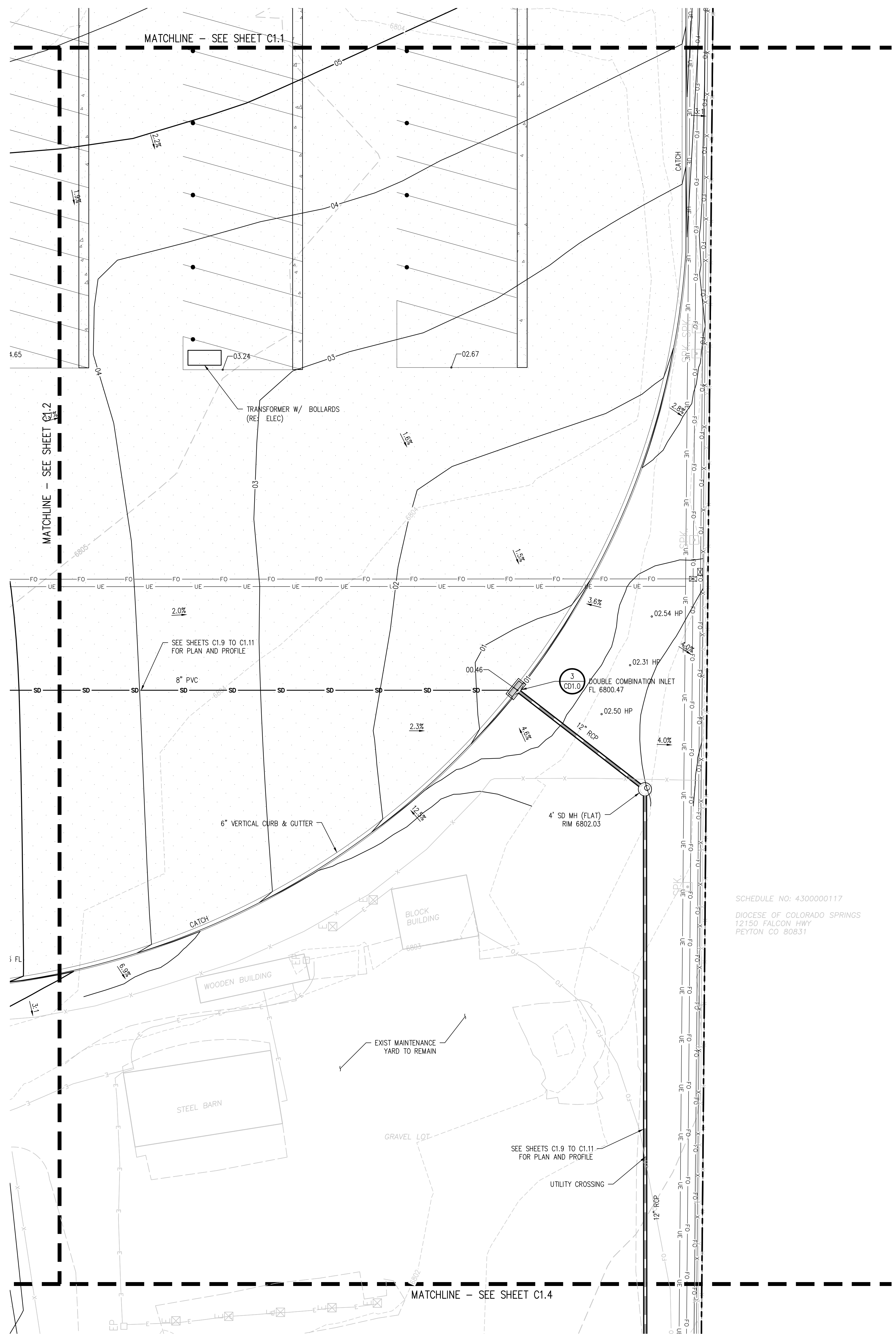
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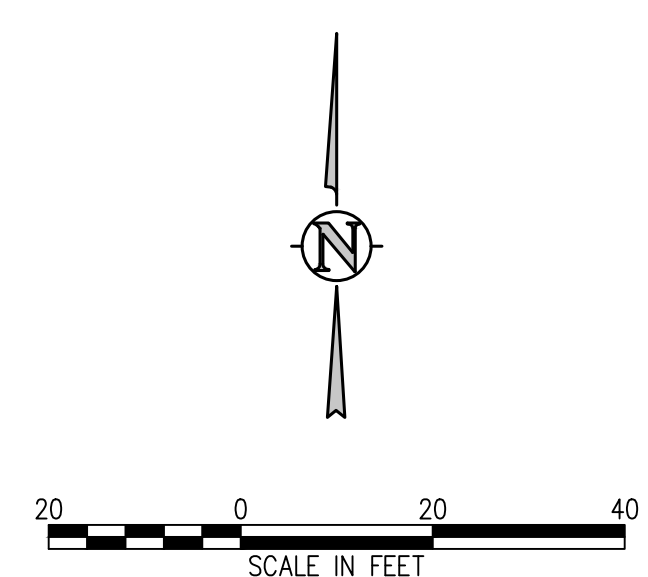
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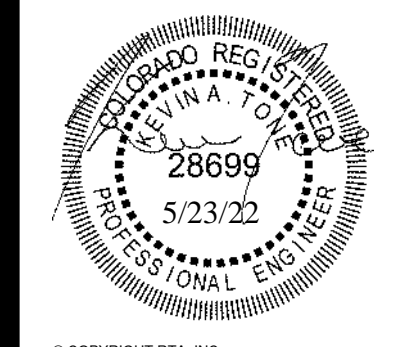
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 12150 FALCON HWY  
 PEYTON CO 80831



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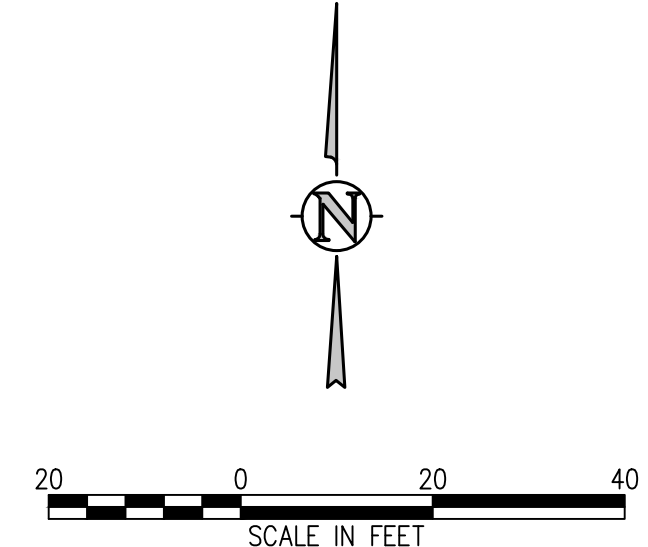
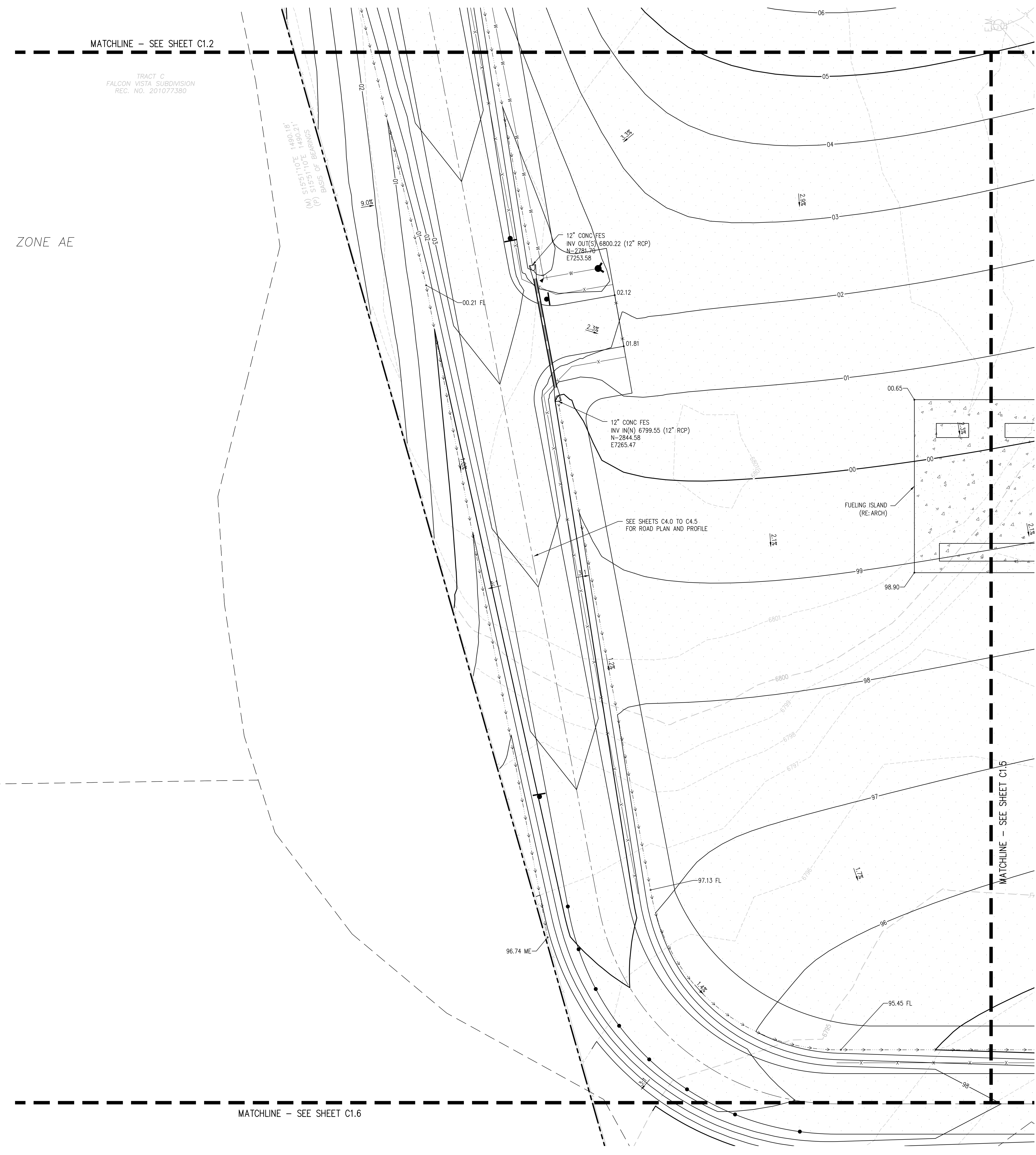
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WTA PROJECT NUMBER  
**2021-041.00**

DATE  
**05/23/2022**

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1		ISSUED FOR CONSTRUCTION DOCUMENTS

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PROJECT TITLE  
**GRADING AND DRAINAGE PLAN E**

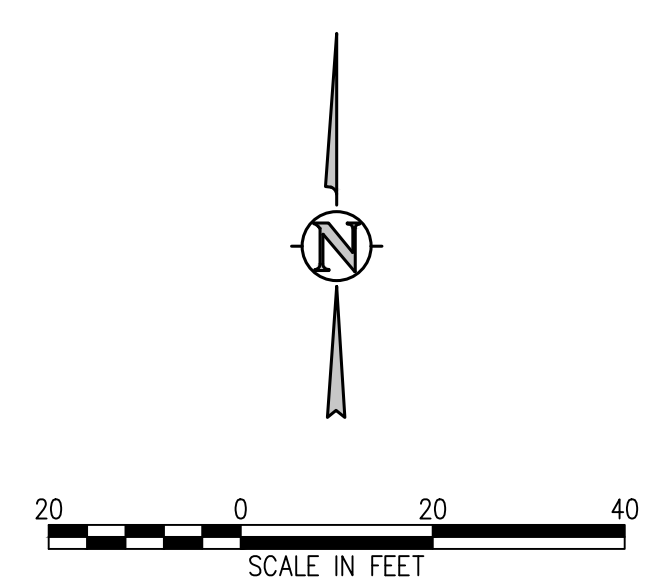
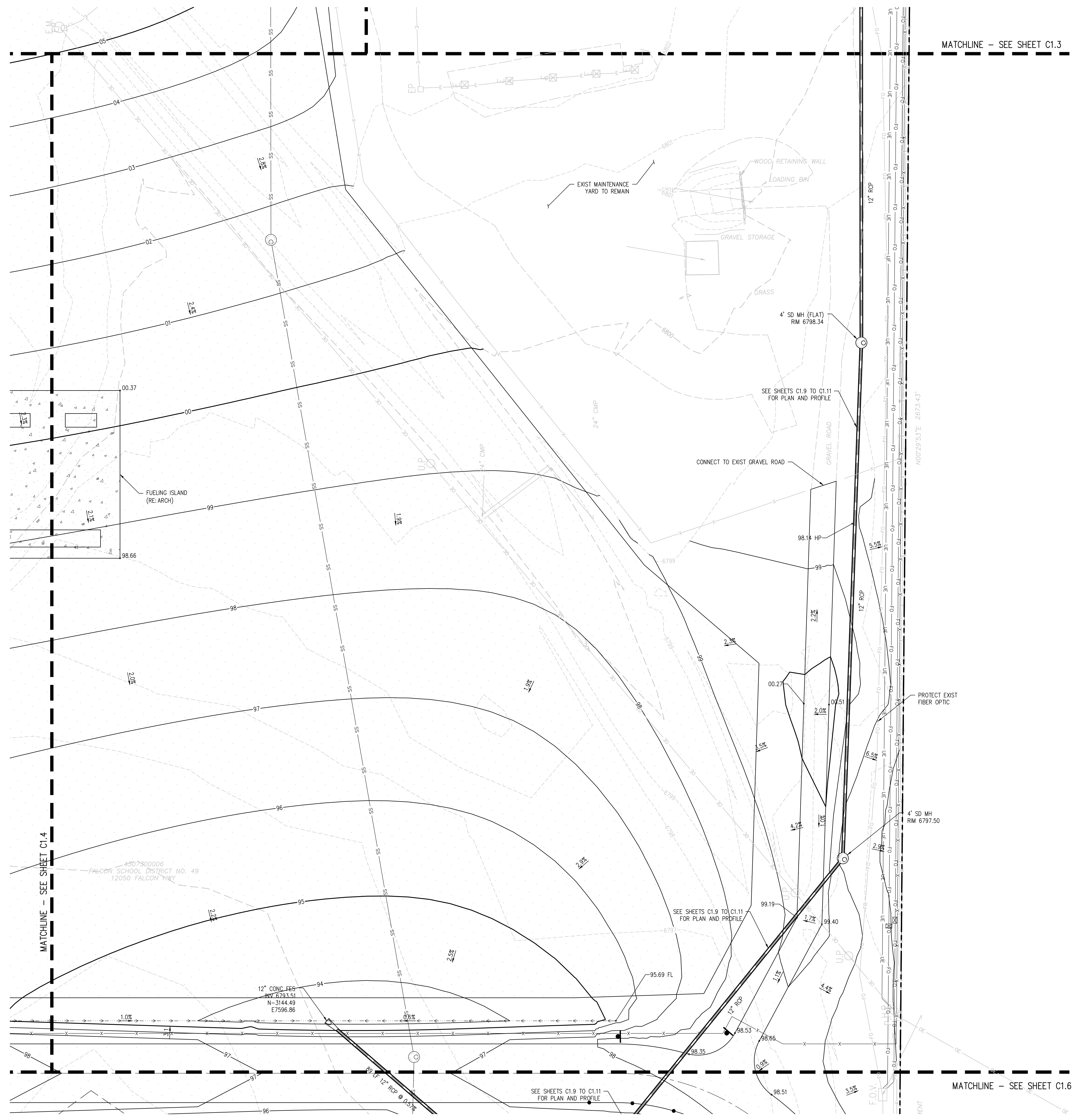
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**2021-041.00**

DATE  
**05/23/2022**

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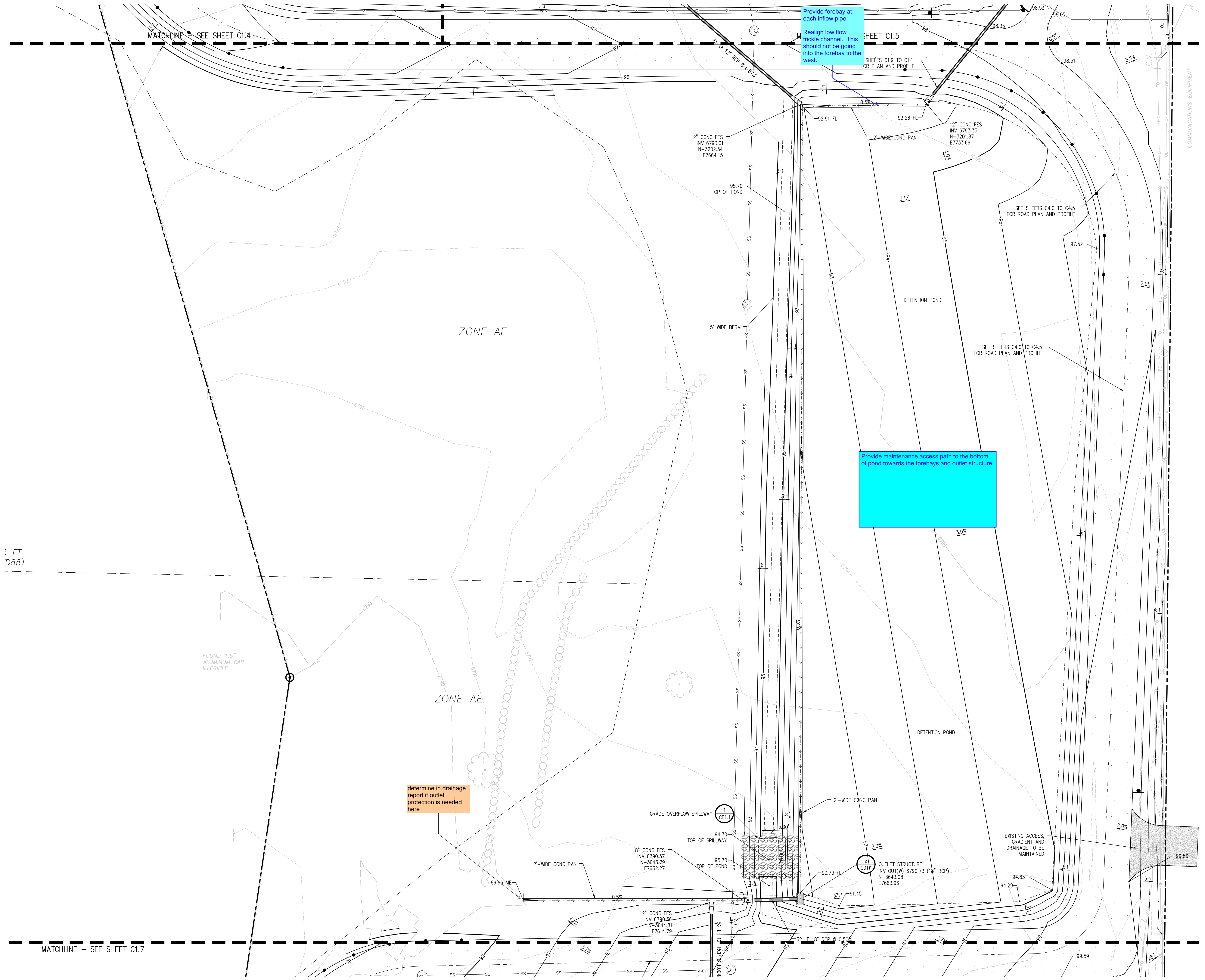


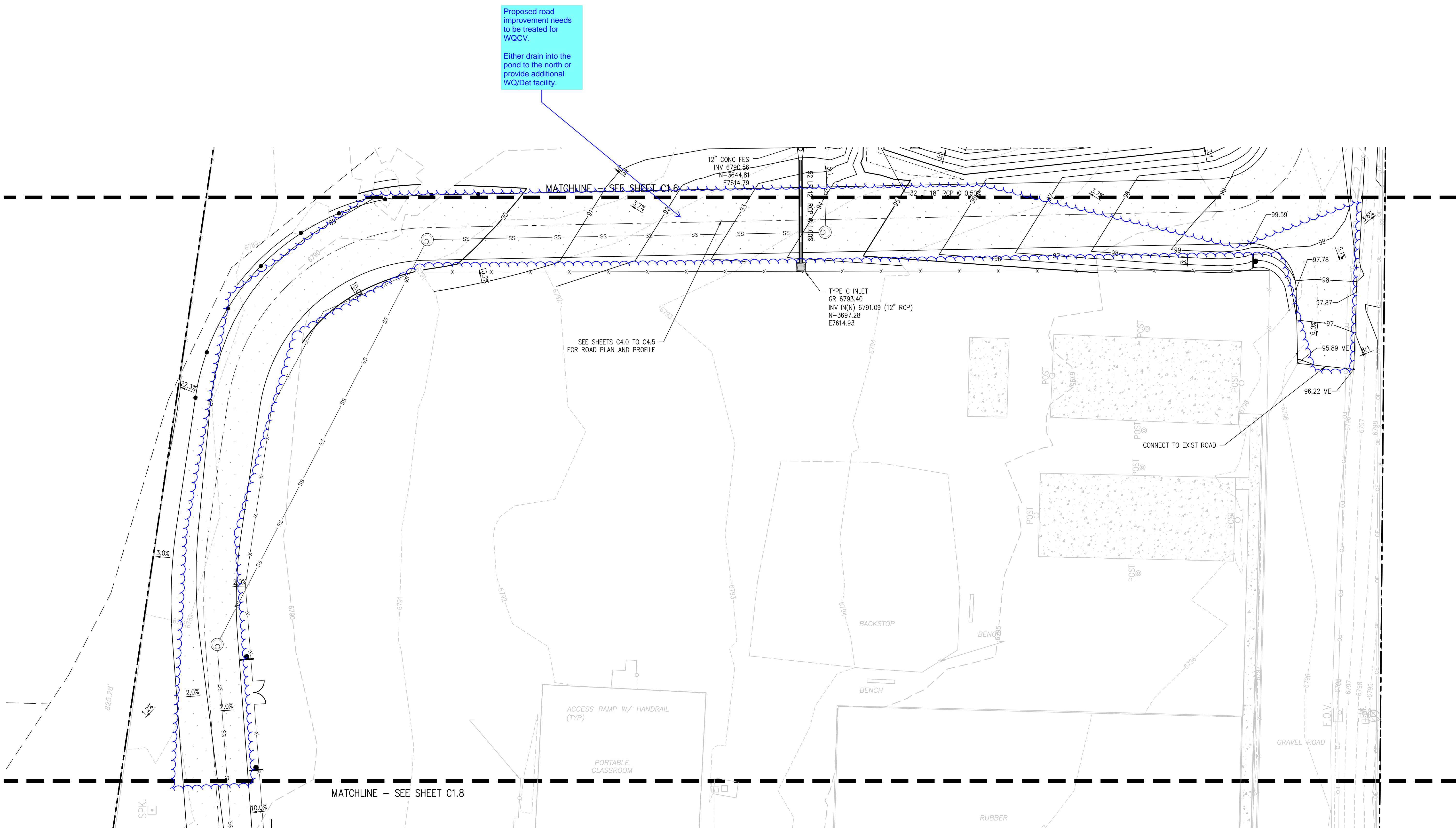
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**2021-041.00**  
DATE  
**05/23/2022**

NO.	DATE	DESCRIPTION
1	05/23/2022	ISSUED FOR CONSTRUCTION DOCUMENTS

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CHECKED BY: **TWK/AMB**  
DATE: **CWK**





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SHEET TITLE  
**GRADING AND DRAINAGE PLAN G**

RTA PROJECT NUMBER  
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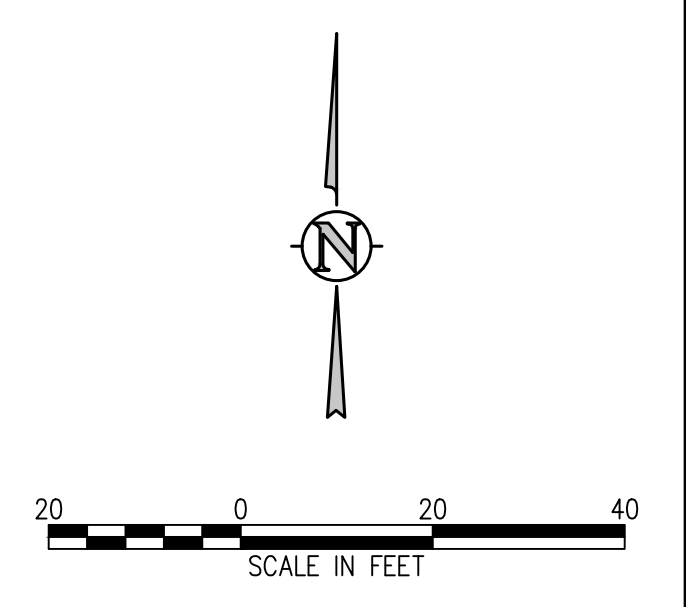
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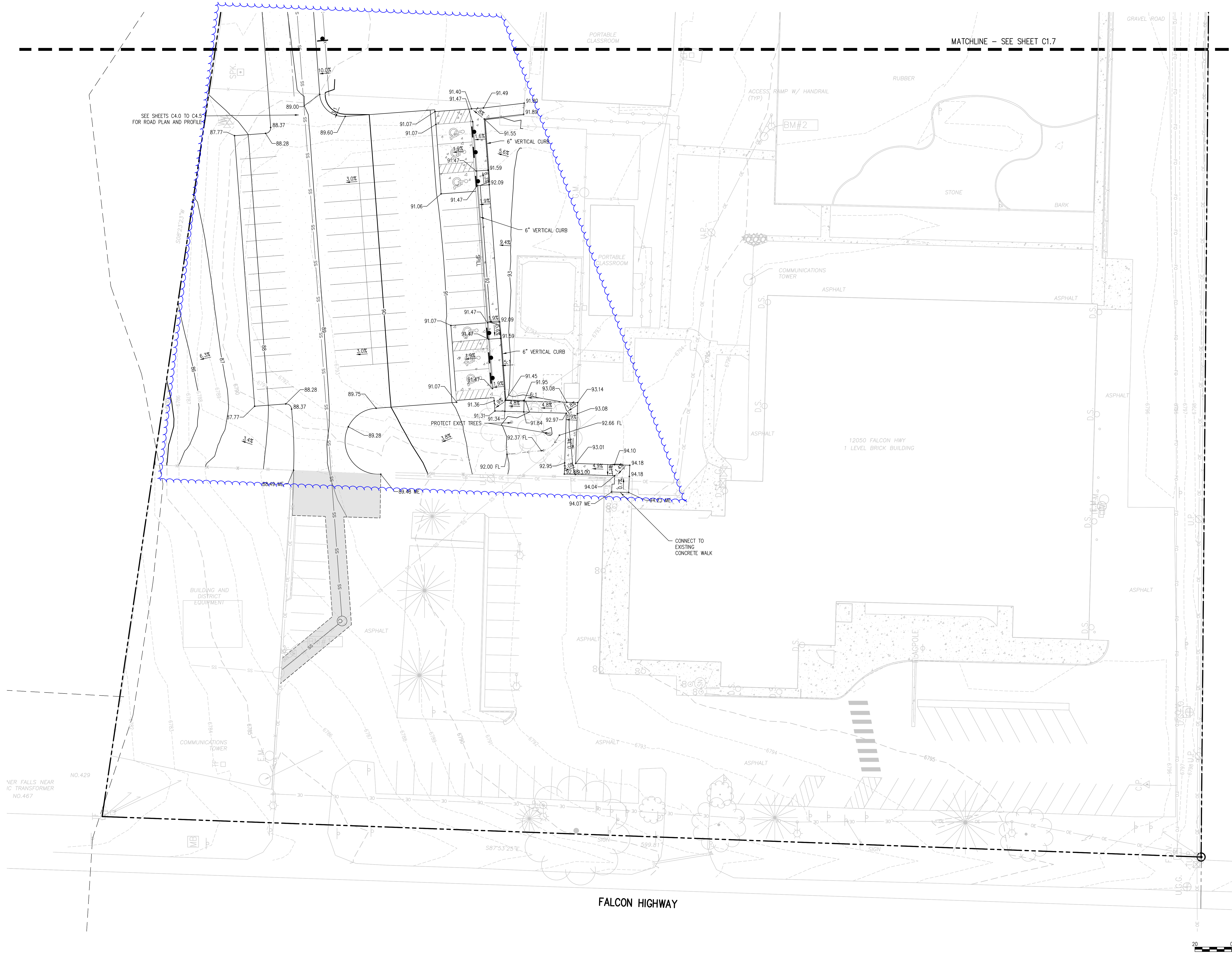
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CHECKED BY: **CWK**

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**CONSTRUCTION DOCUMENTS**

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provide WQ/Detention



# D49 TRANSPORTATION CENTER SCHOOL DISTRICT NO 49

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SHEET TITLE  
**GRADING AND DRAINAGE PLAN H**

RTA PROJECT NUMBER  
**2021-041.00**  
 DATE  
**05/23/2022**  
 REVISIONS

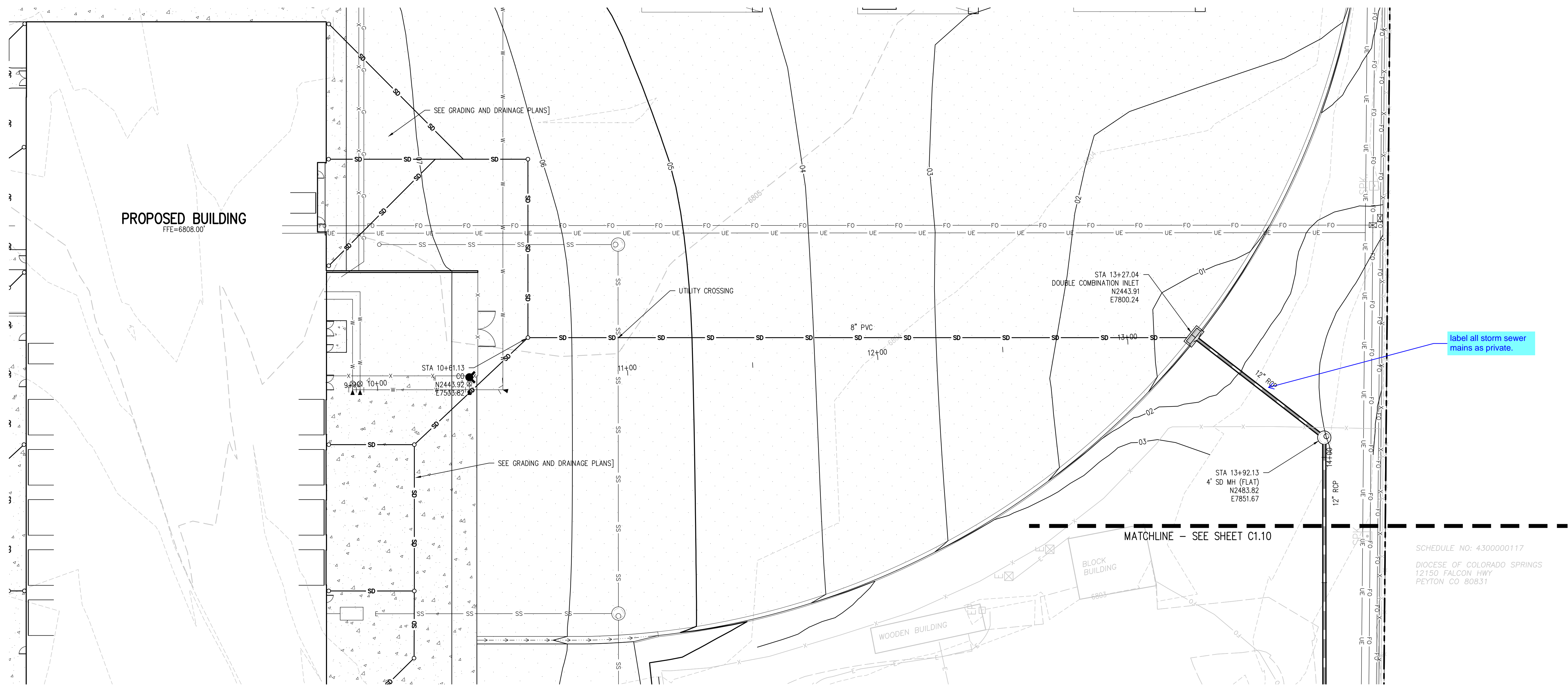
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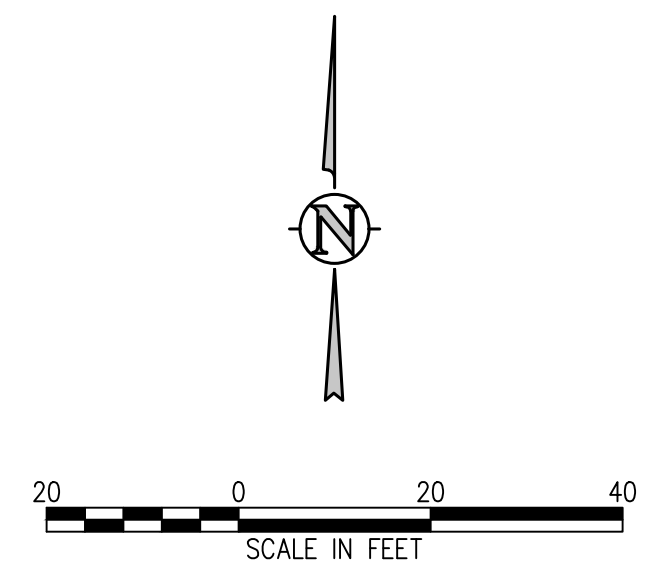
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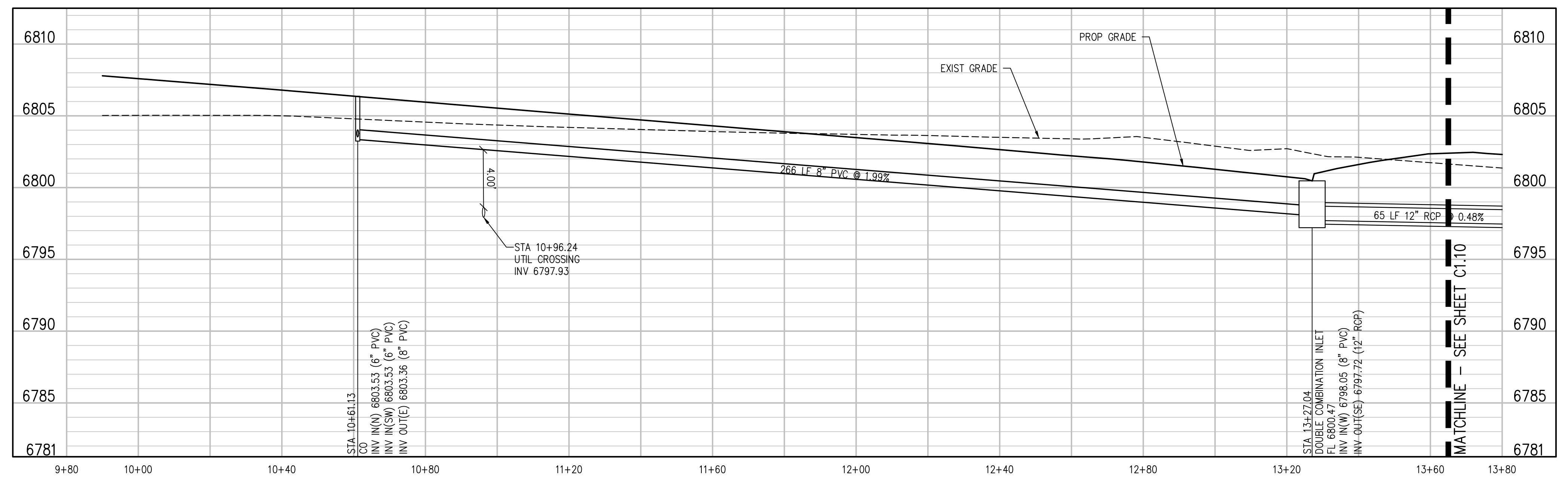
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label all storm sewer mains as private.



**STORM SEWER MAIN PLAN**  
SCALE: 1"=20'



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SHEET TITLE  
**STORM SEWER MAIN PLAN AND PROFILE**

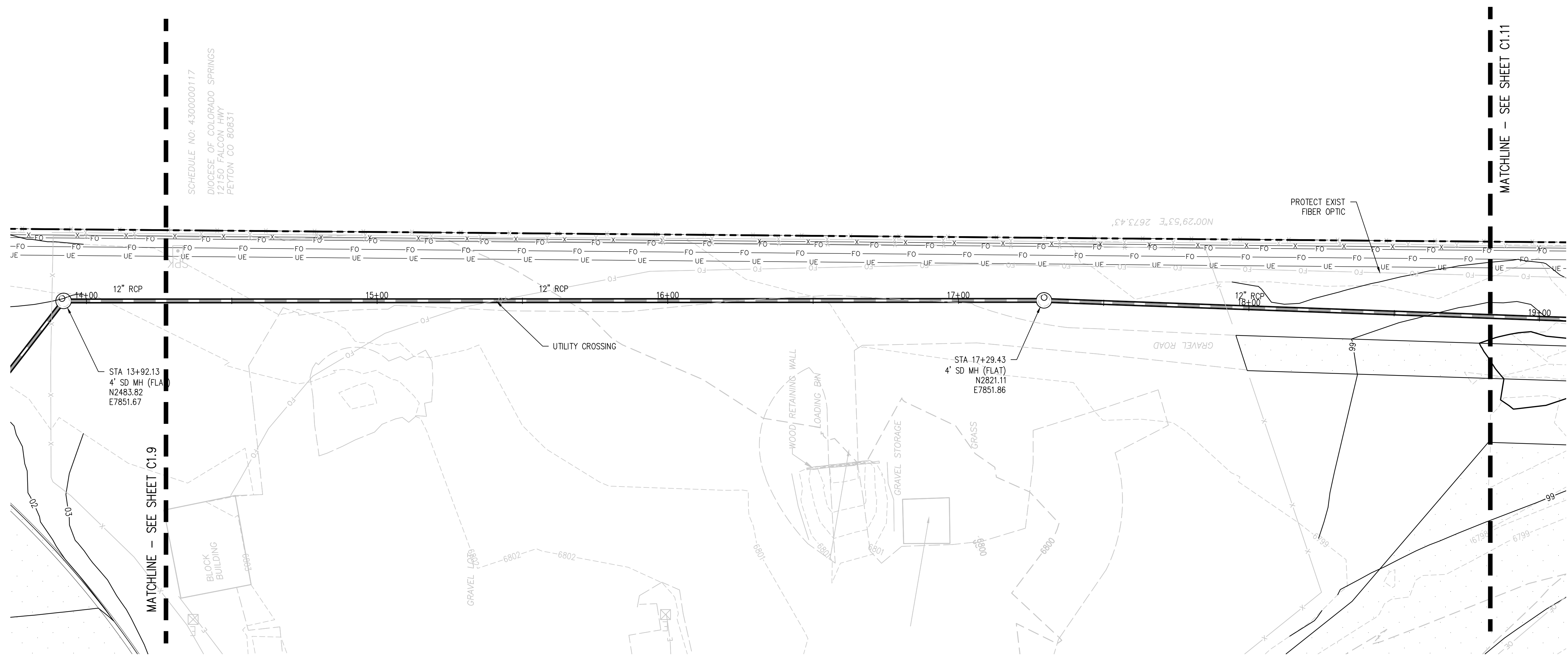
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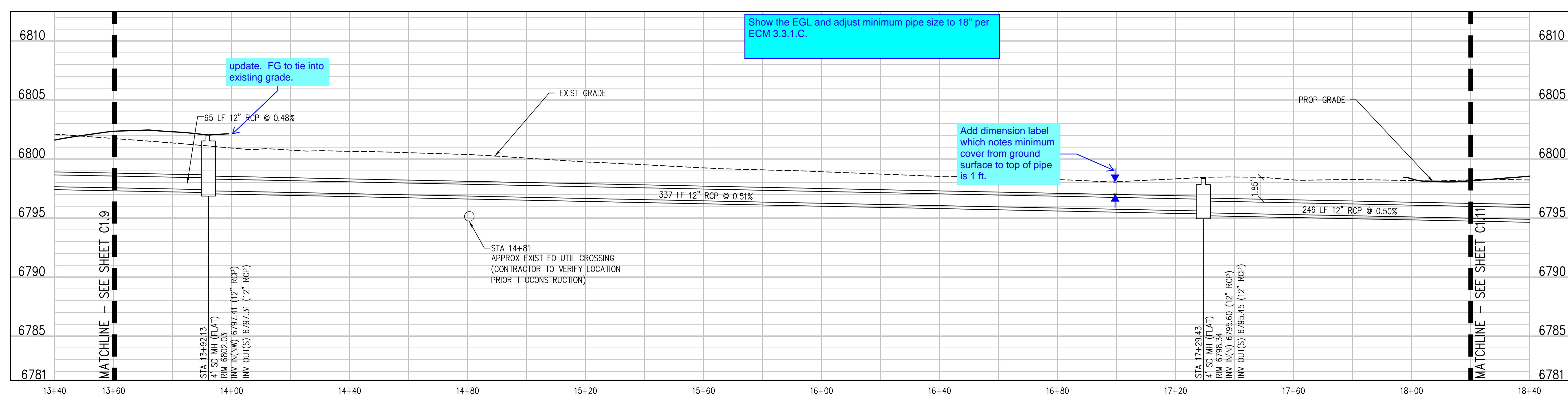
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DRAWN BY: **TWK/AMB**  
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ISSUED FOR  
**CONSTRUCTION DOCUMENTS**



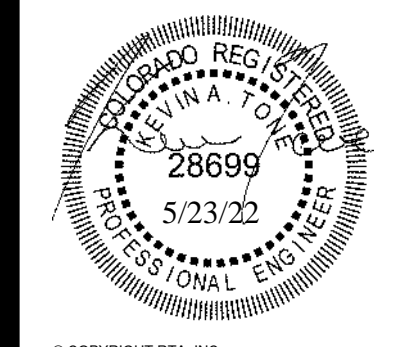


**STORM SEWER MAIN PLAN**  
SCALE: 1"=20'



**STORM SEWER MAIN PROFILE**  
SCALE: 1"=20' HORIZ  
1"=5' VERT

**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



SHEET TITLE  
**STORM SEWER  
MAIN PLAN  
AND PROFILE**

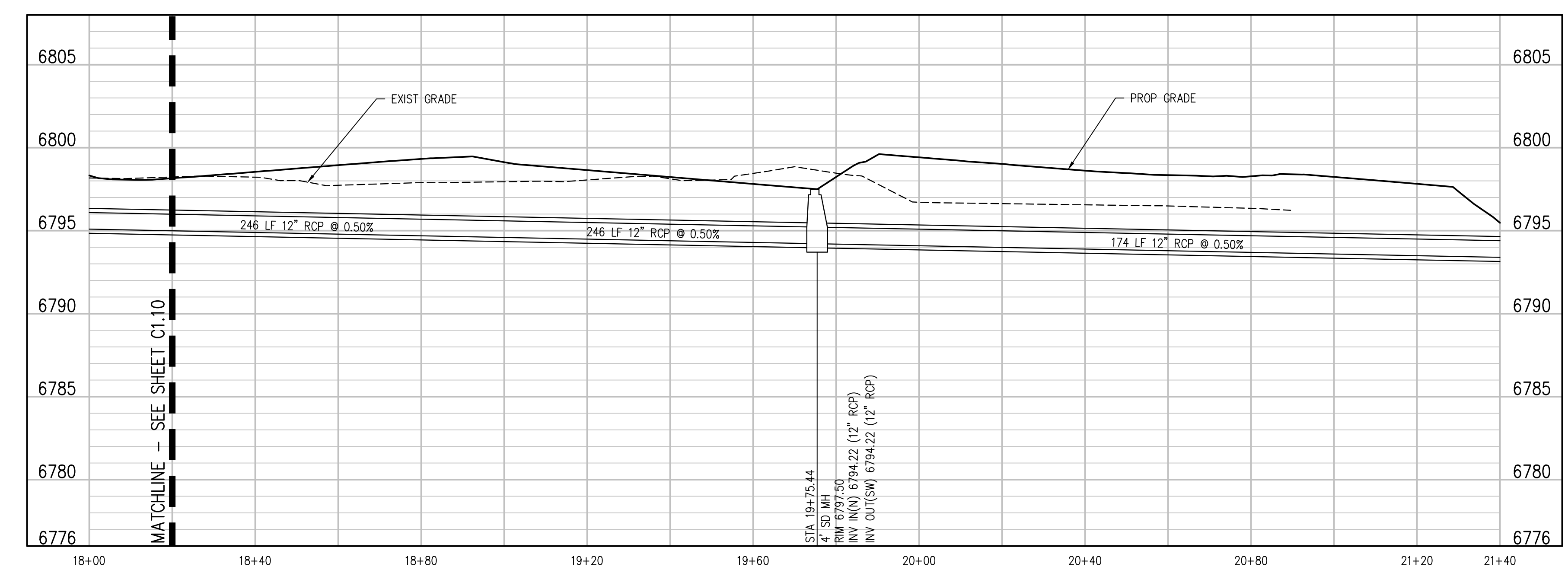
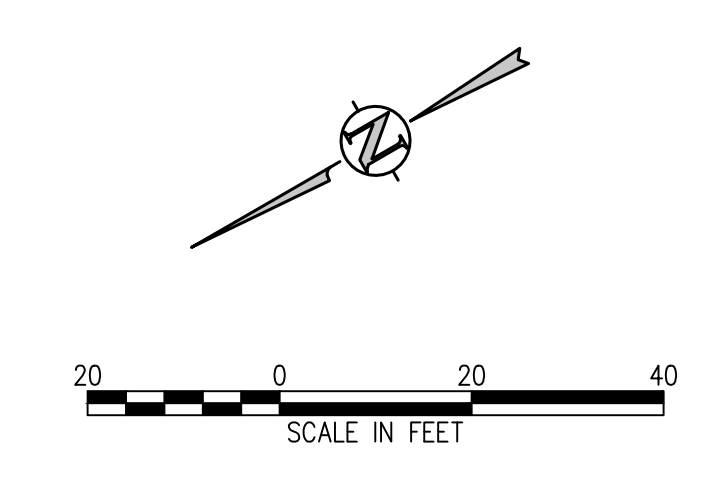
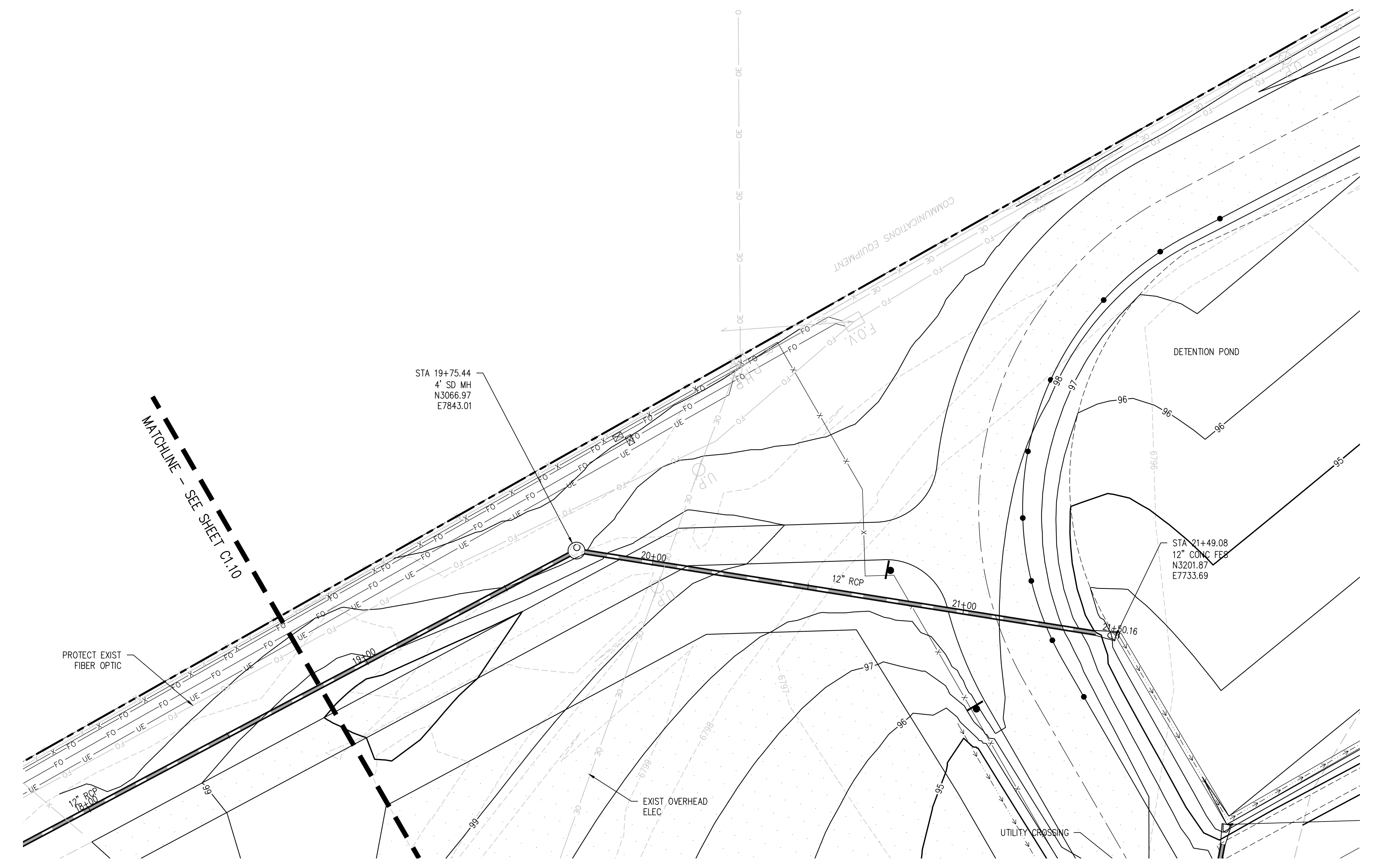
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**2021-041.00**  
DATE  
**05/23/2022**  
REVISIONS

#	DATE	DESCRIPTION

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DRAWN BY: **TW/AMB**  
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**CONSTRUCTION  
DOCUMENTS**

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**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



SHEET TITLE  
**STORM SEWER  
MAIN PLAN  
AND PROFILE**

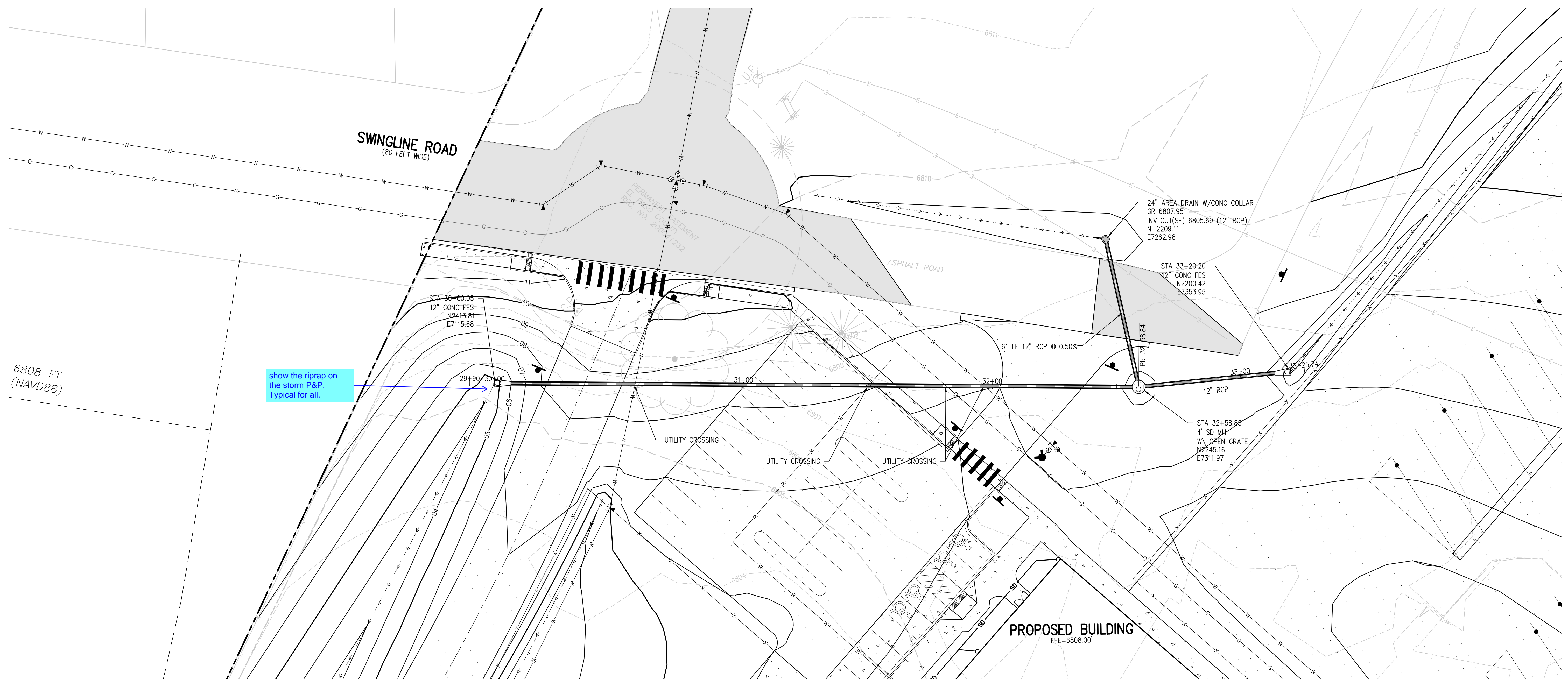
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**2021-041.00**  
DATE  
**05/23/2022**

#	DATE	DESCRIPTION

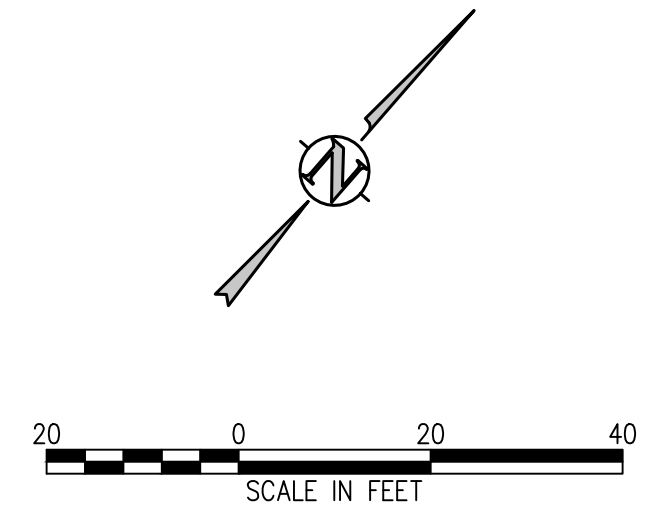
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ISSUED FOR  
**CONSTRUCTION  
DOCUMENTS**

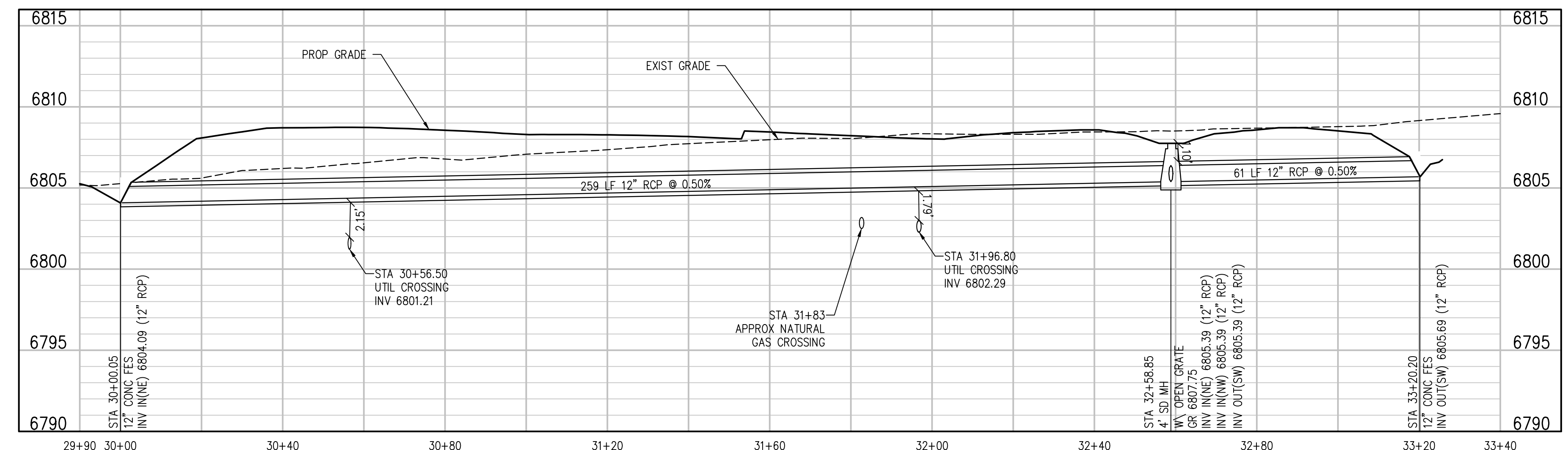
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show the riprap on the storm P&P. Typical for all.



**DIVERSION STORM SEWER PLAN**  
SCALE: 1"=20'



**DIVERSION STORM SEWER PROFILE**  
SCALE: 1"=20' HORIZ  
1"=5' VERT

**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



SHEET TITLE  
**DIVERSION STORM SEWER PLAN AND PROFILE**

RTA PROJECT NUMBER  
**2021-041.00**

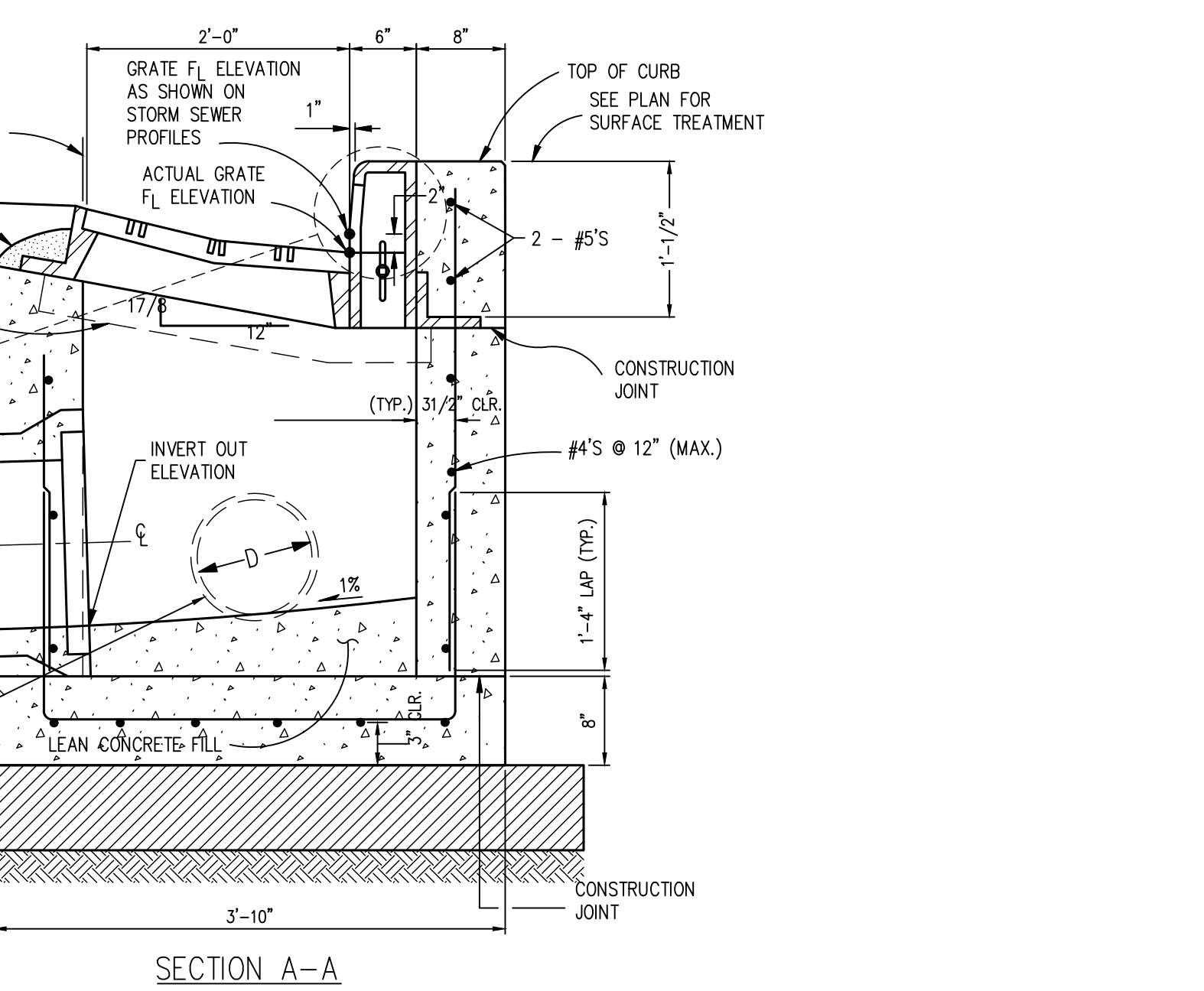
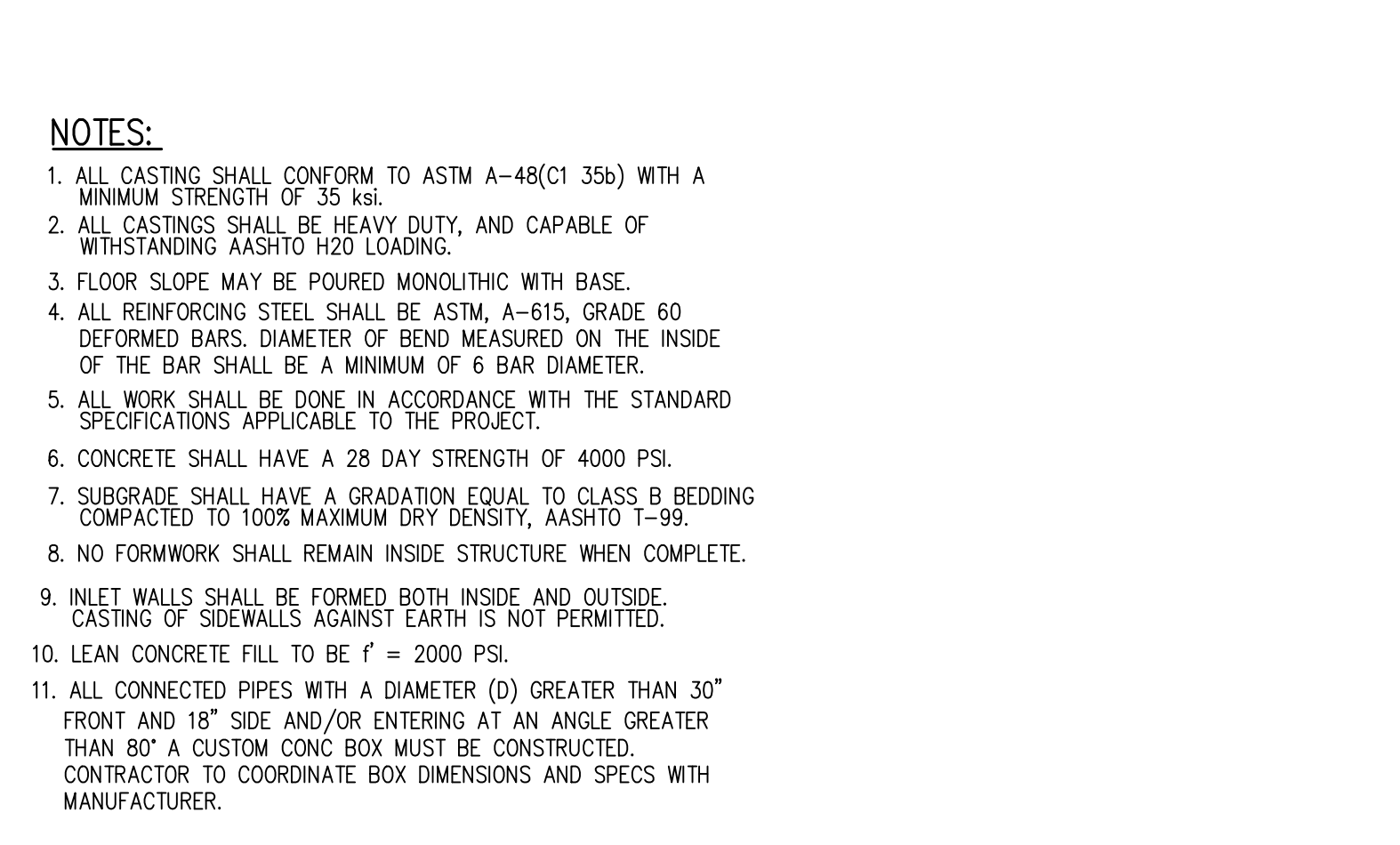
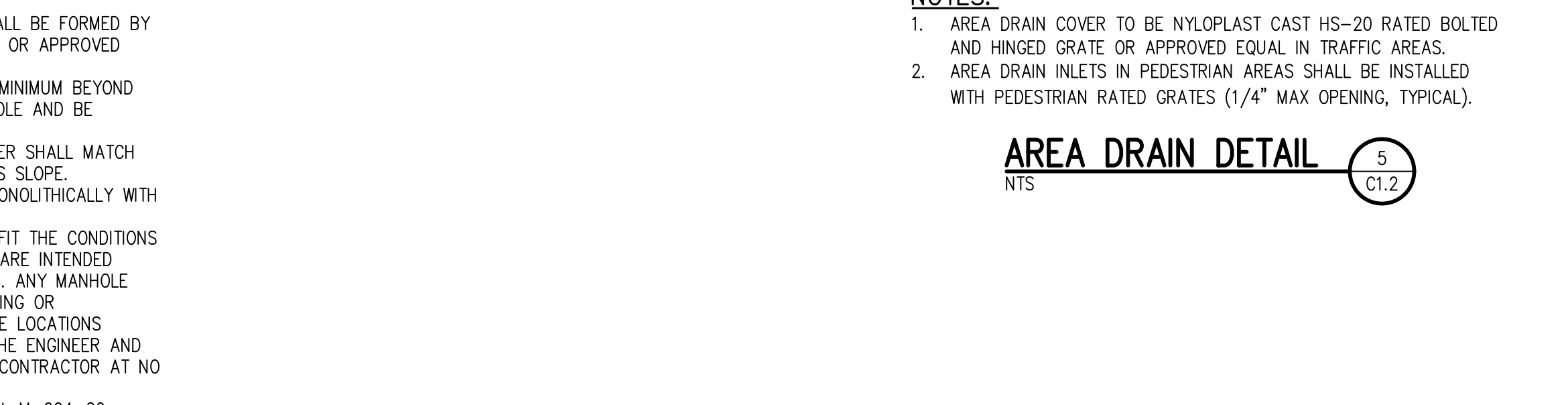
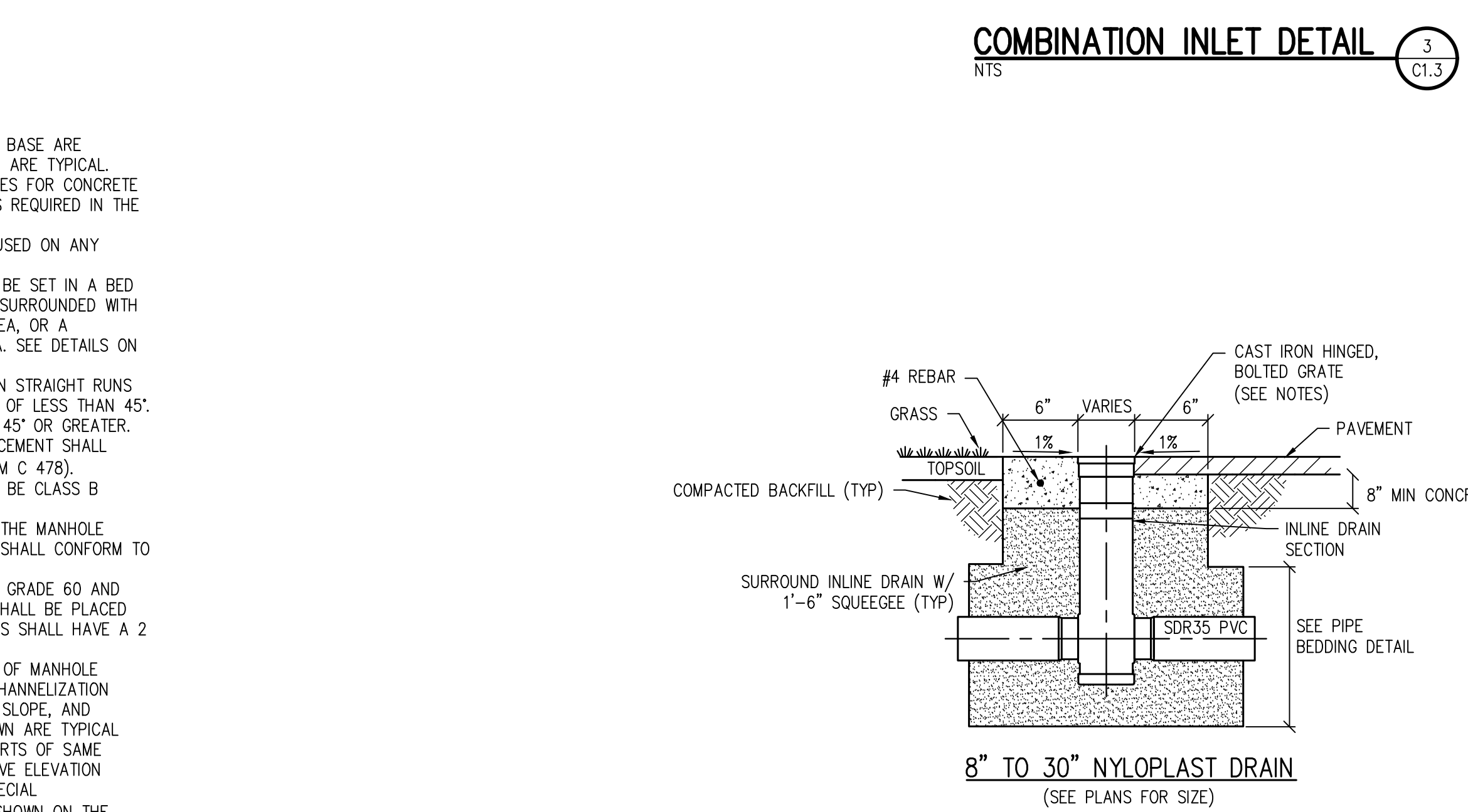
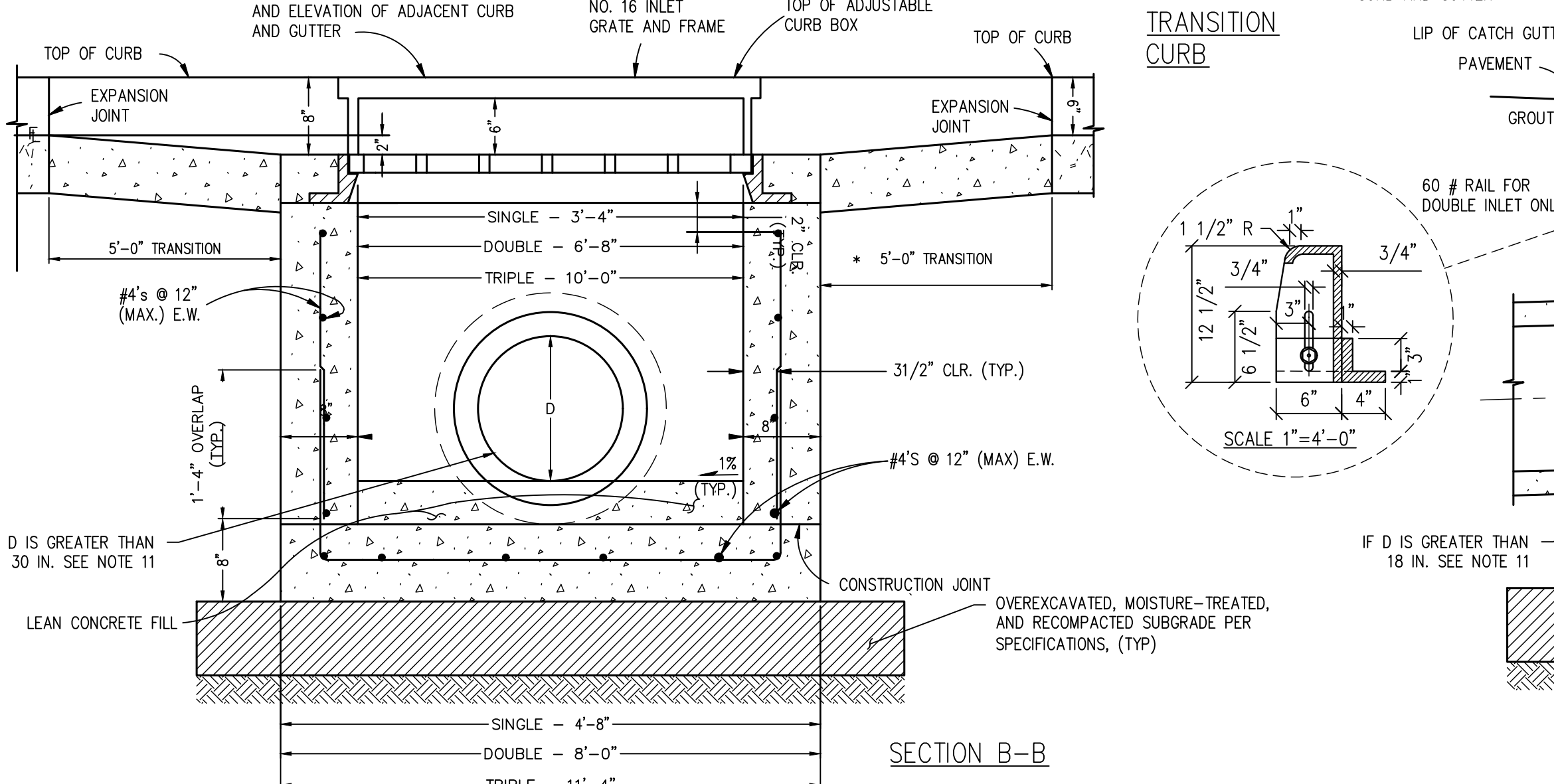
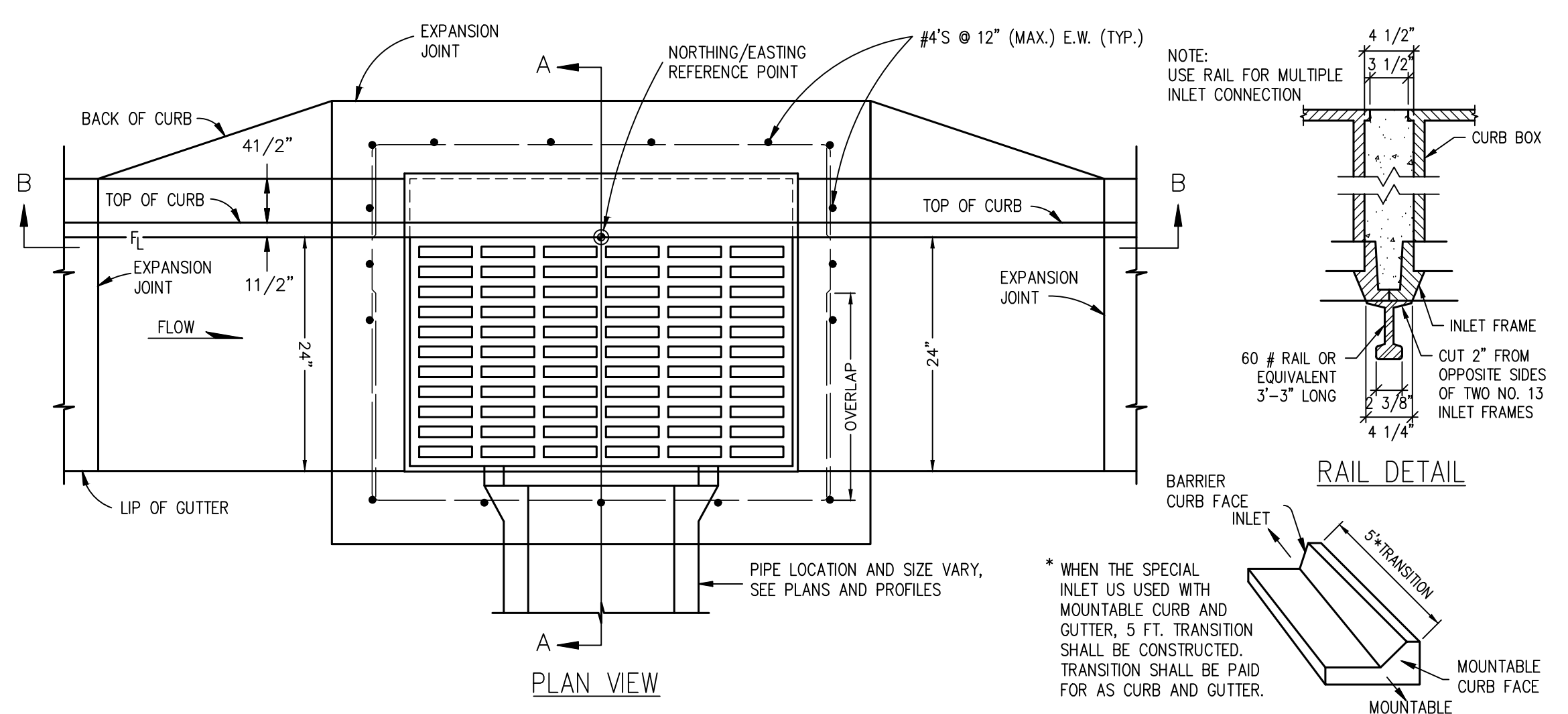
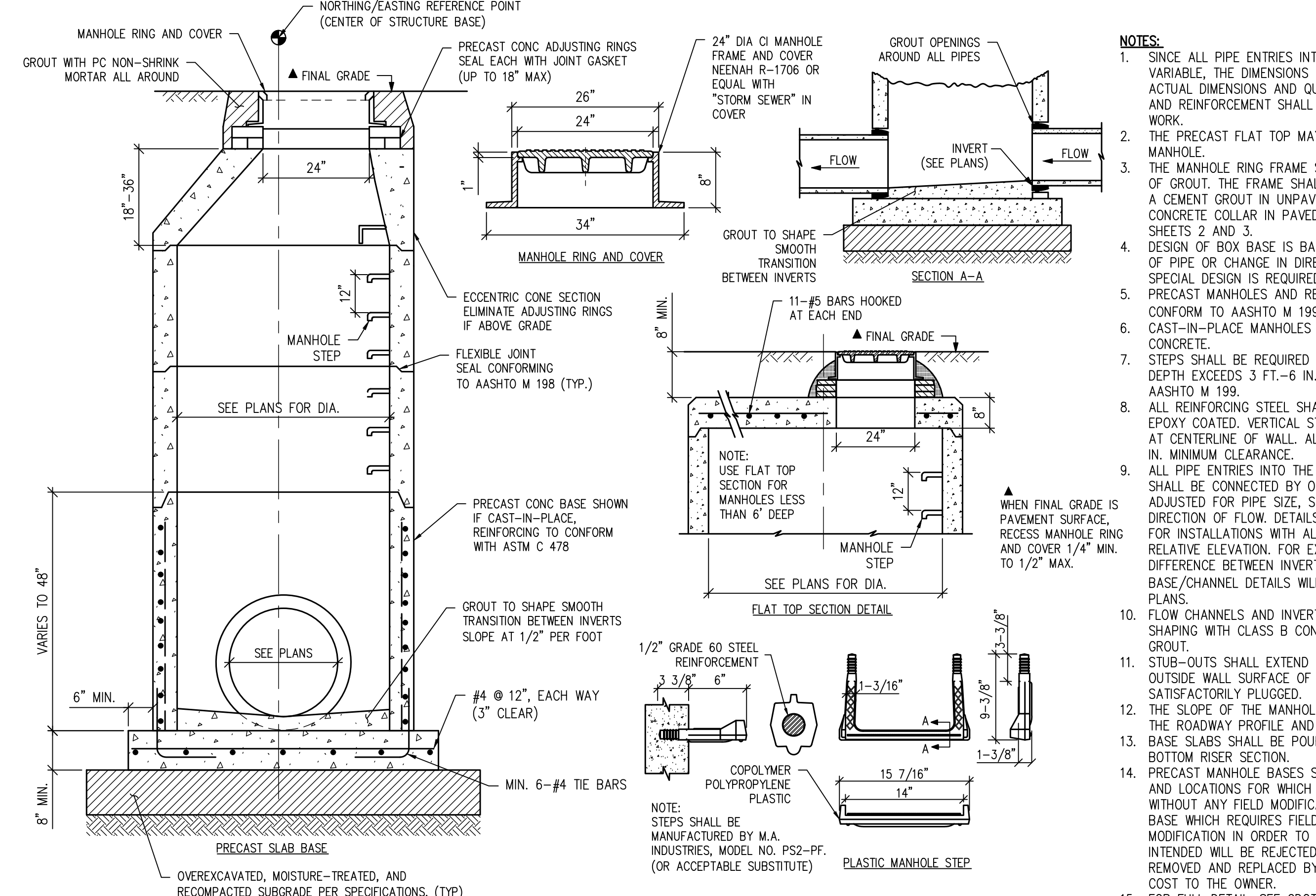
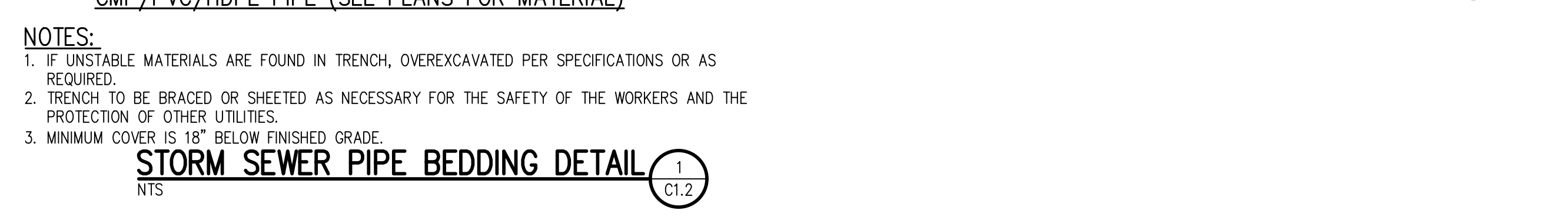
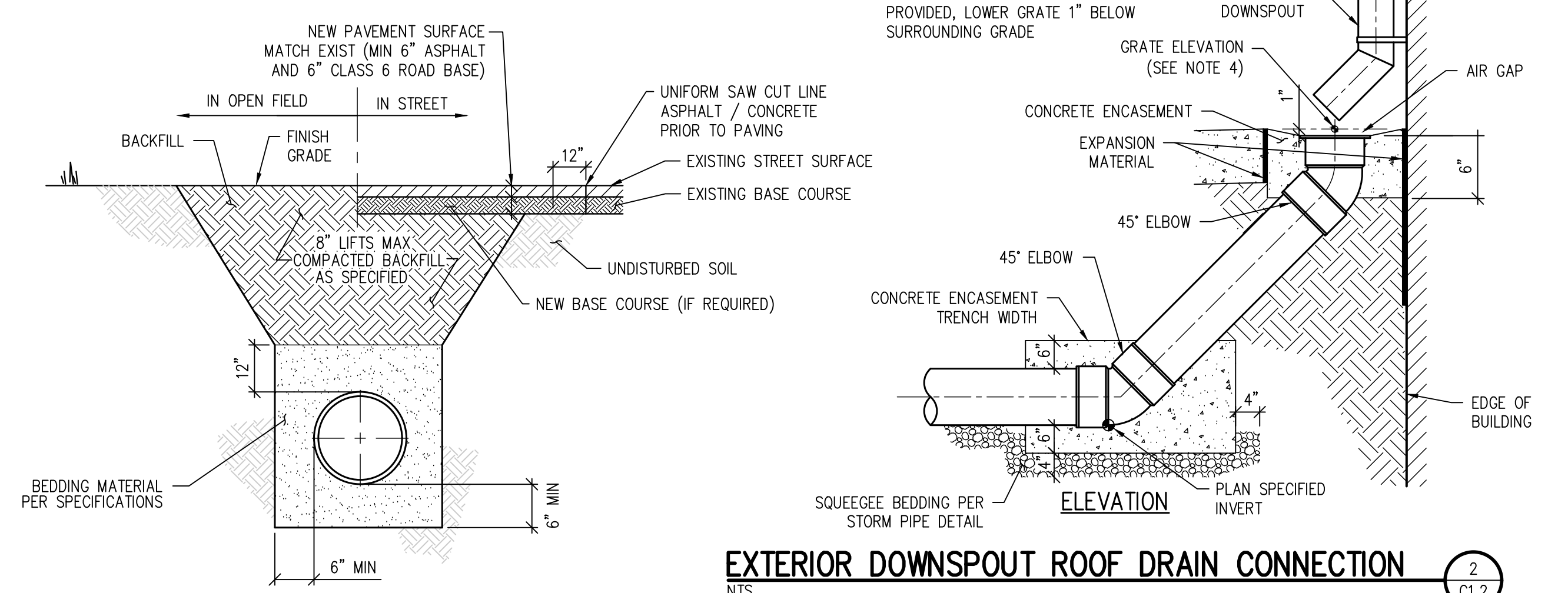
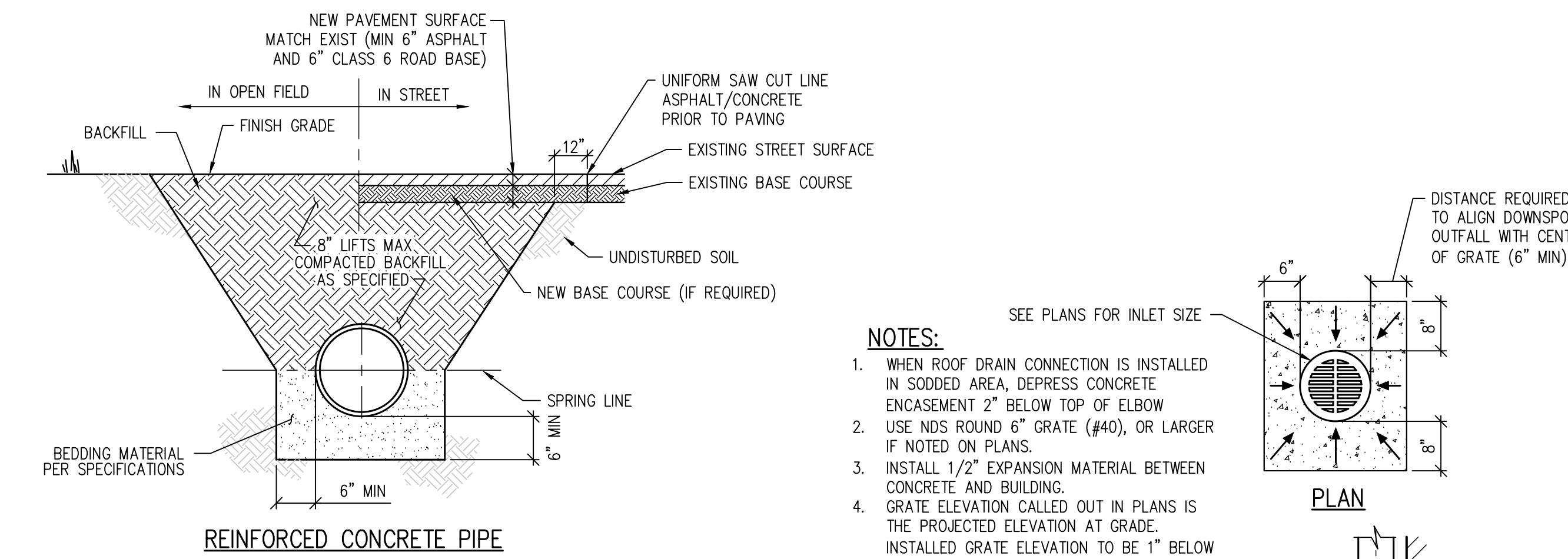
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**05/23/2022**

REVISIONS

#	DATE	DESCRIPTION

DESIGNED BY: **CWK/HCM**  
CHECKED BY: **TWK/AMB**  
DATE: **CWK**

ISSUED FOR  
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**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



REGISTERED PROFESSIONAL ENGINEER  
T.W. HAMB  
NO. 28699  
STATE OF COLORADO  
EXPIRES 5/23/22

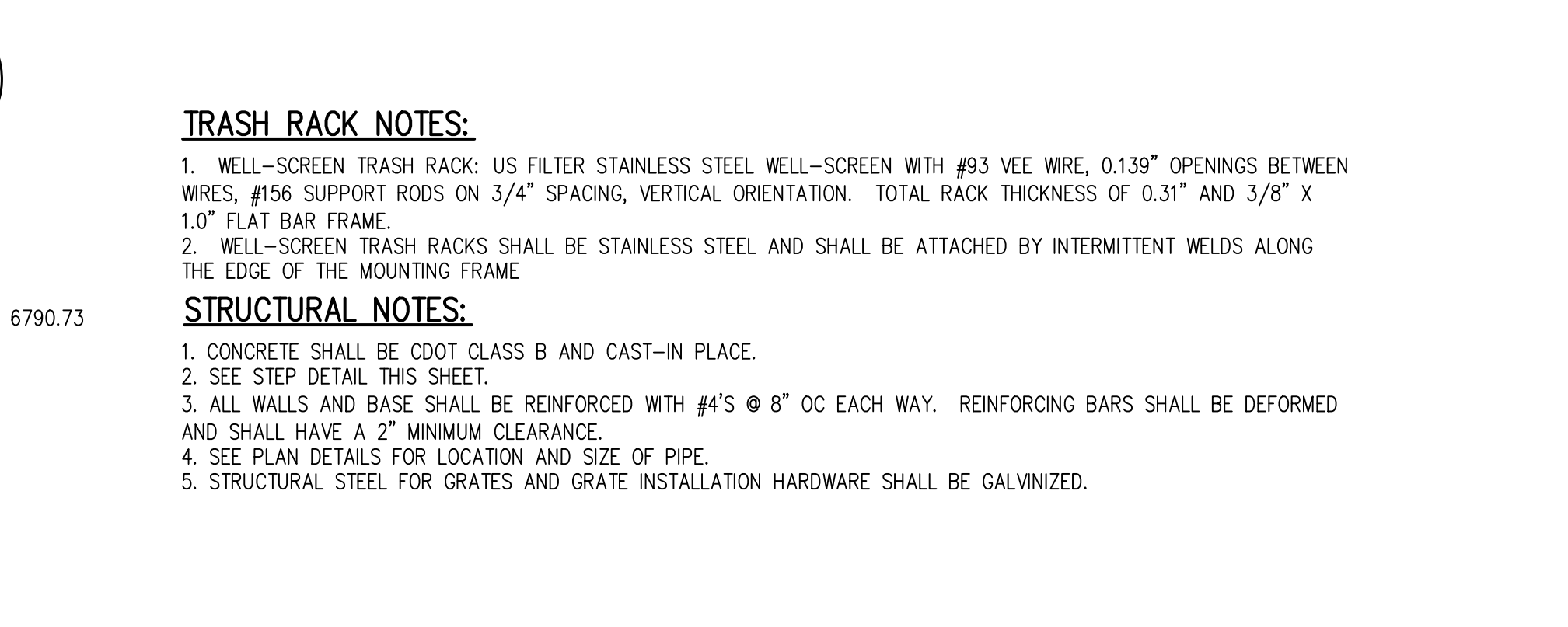
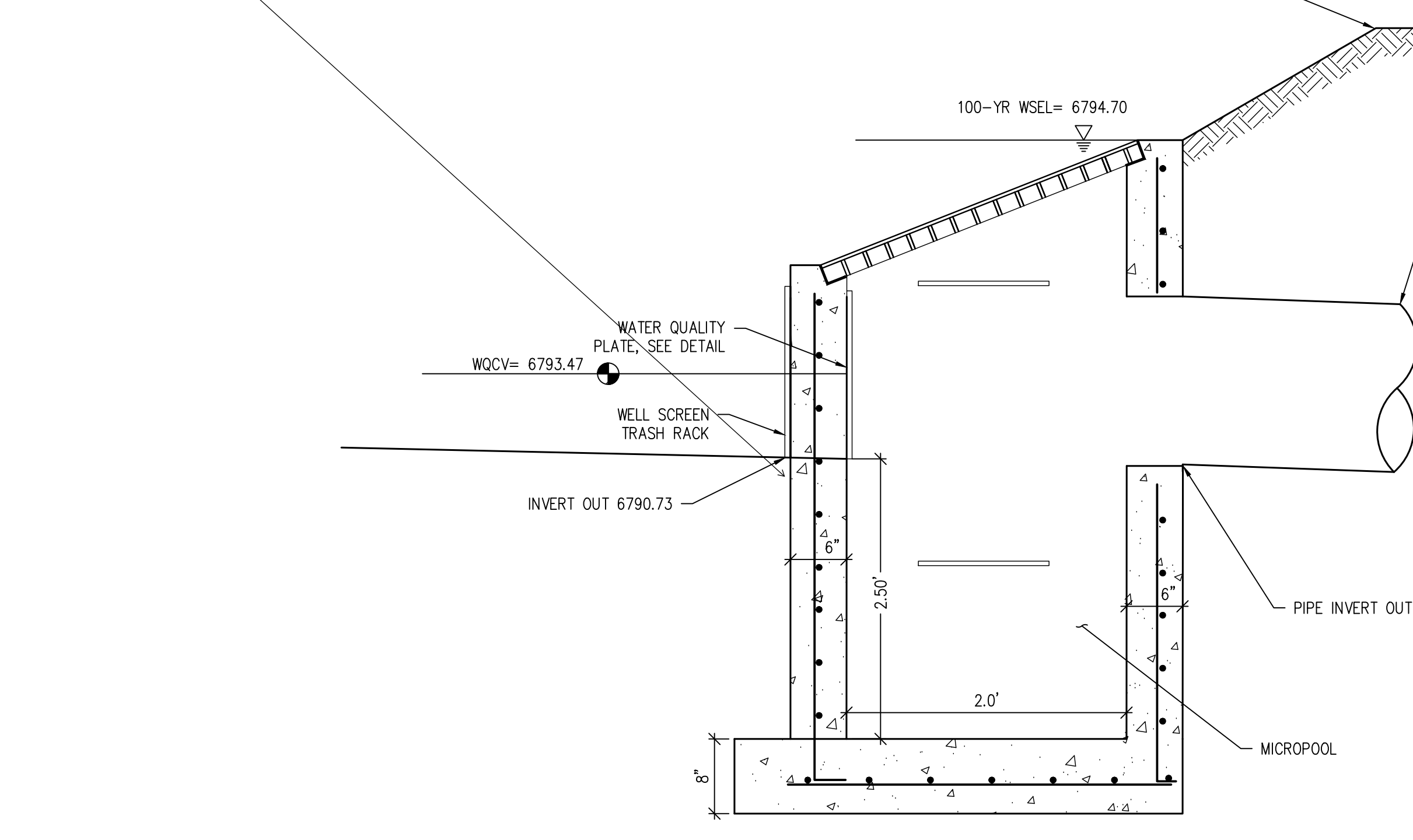
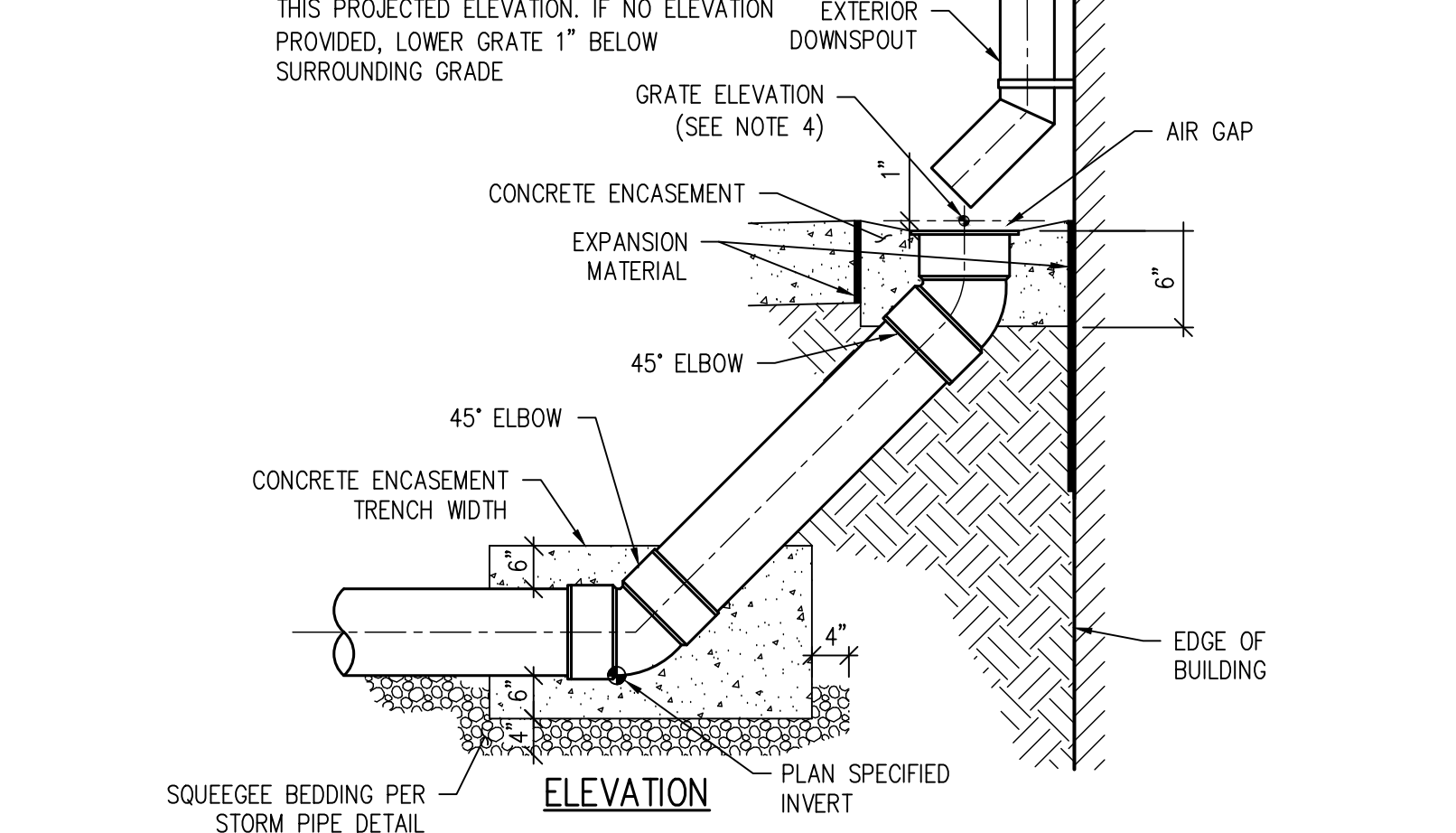
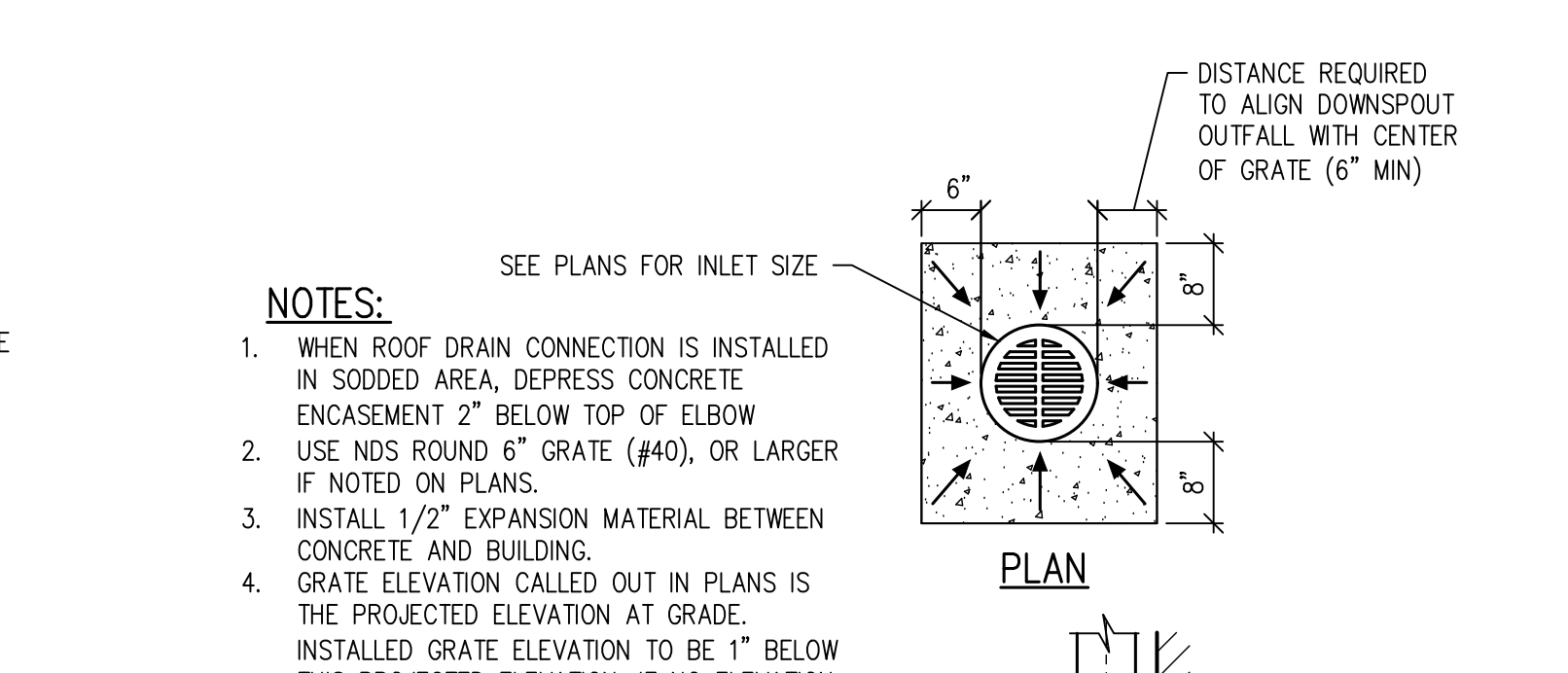
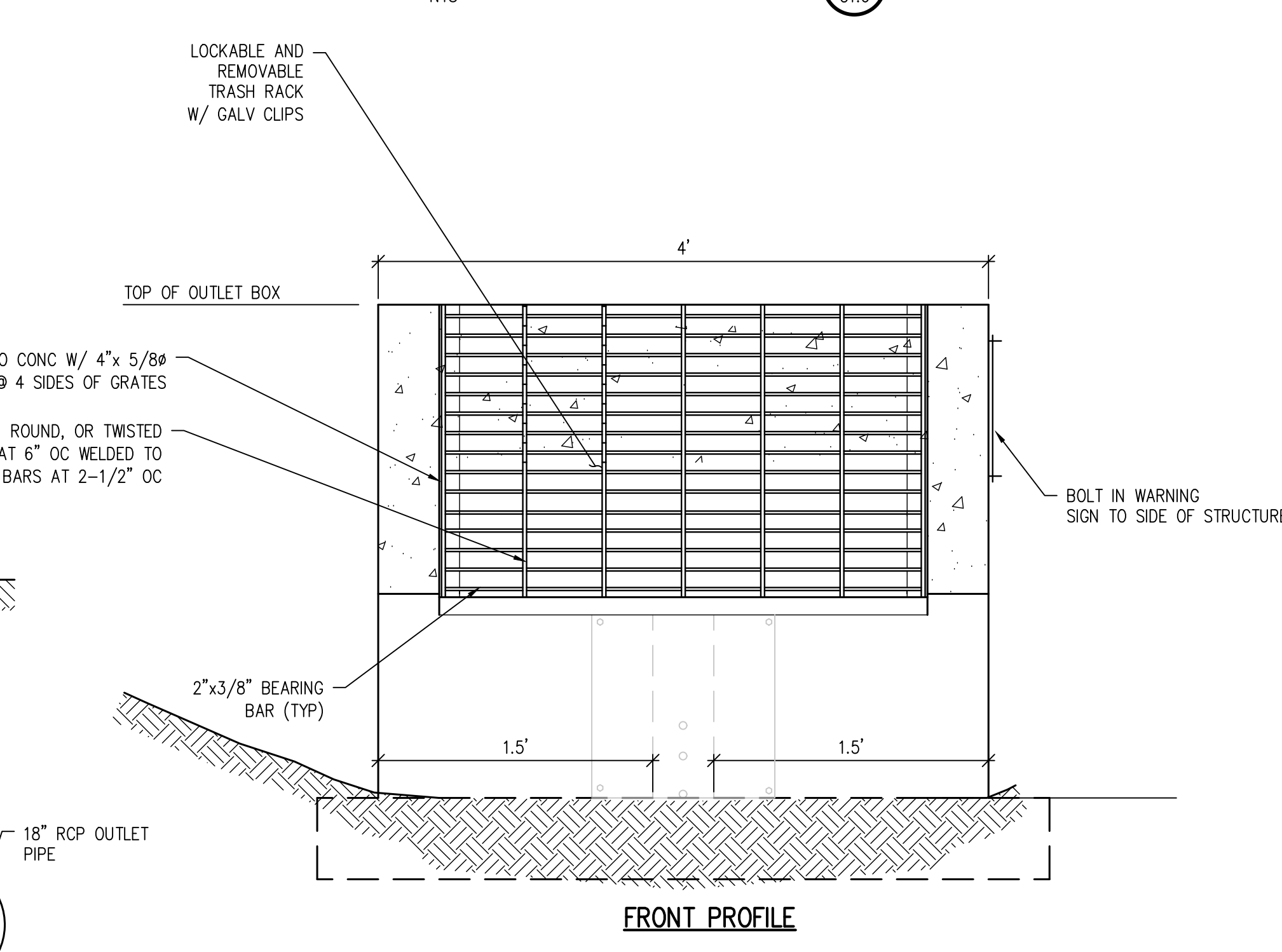
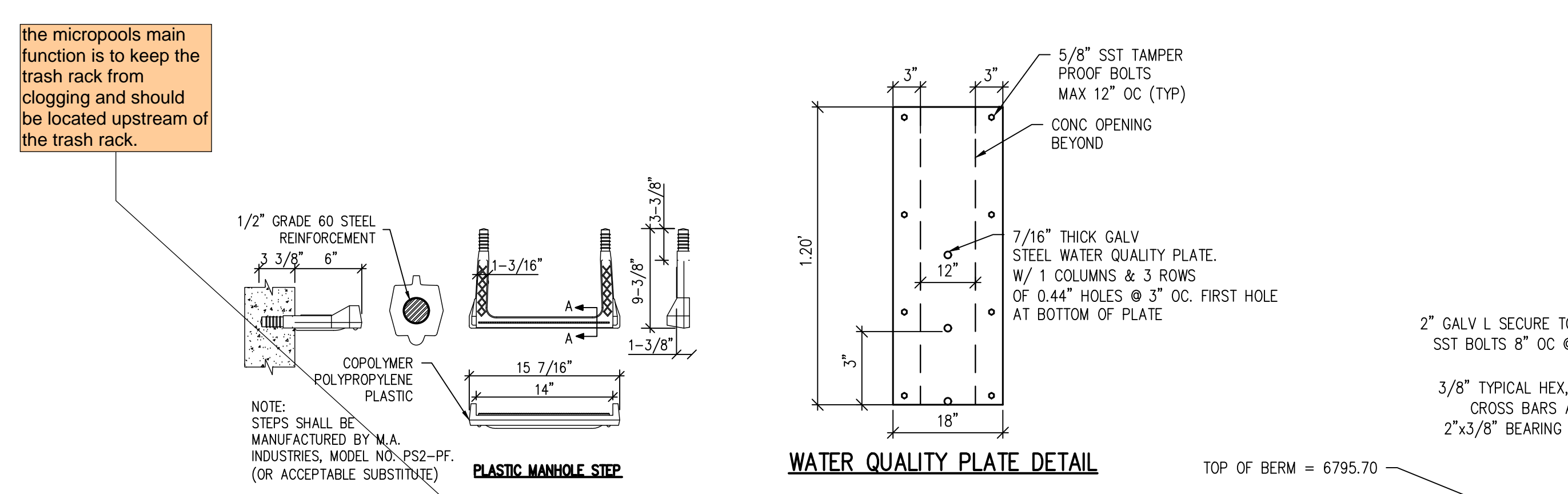
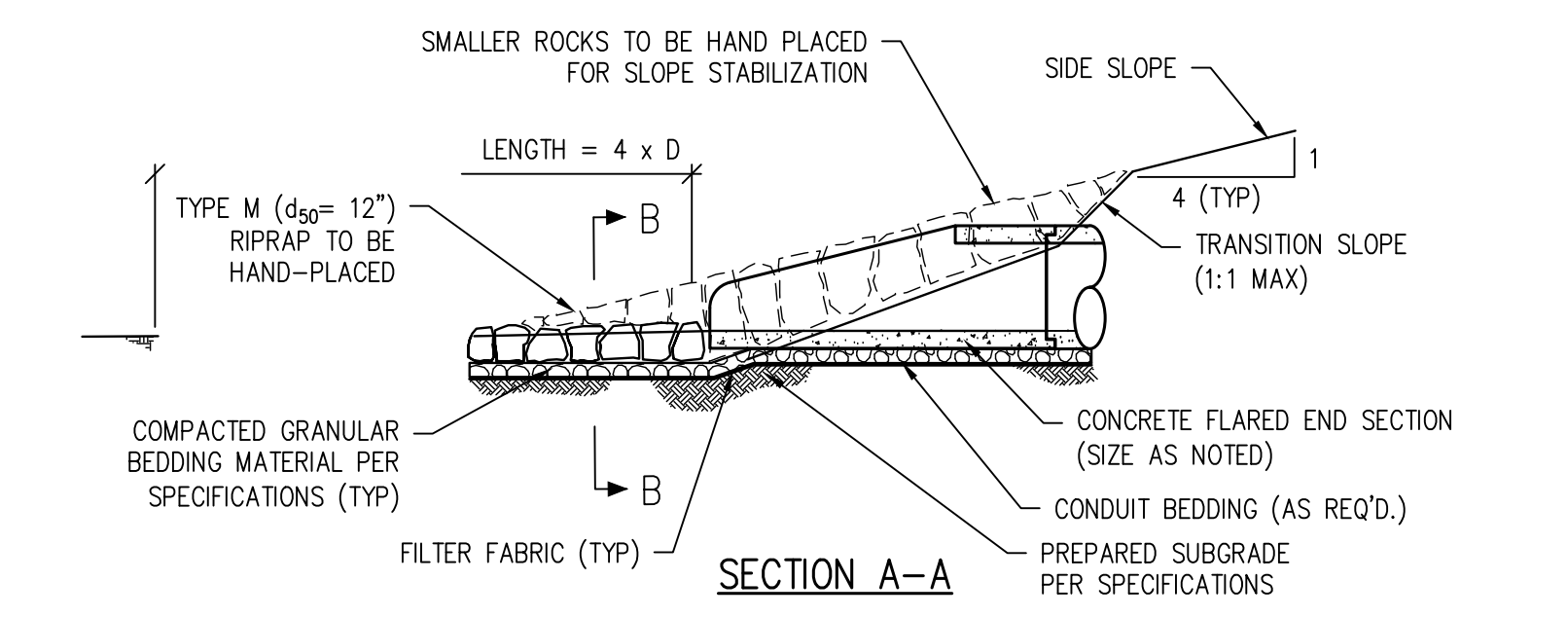
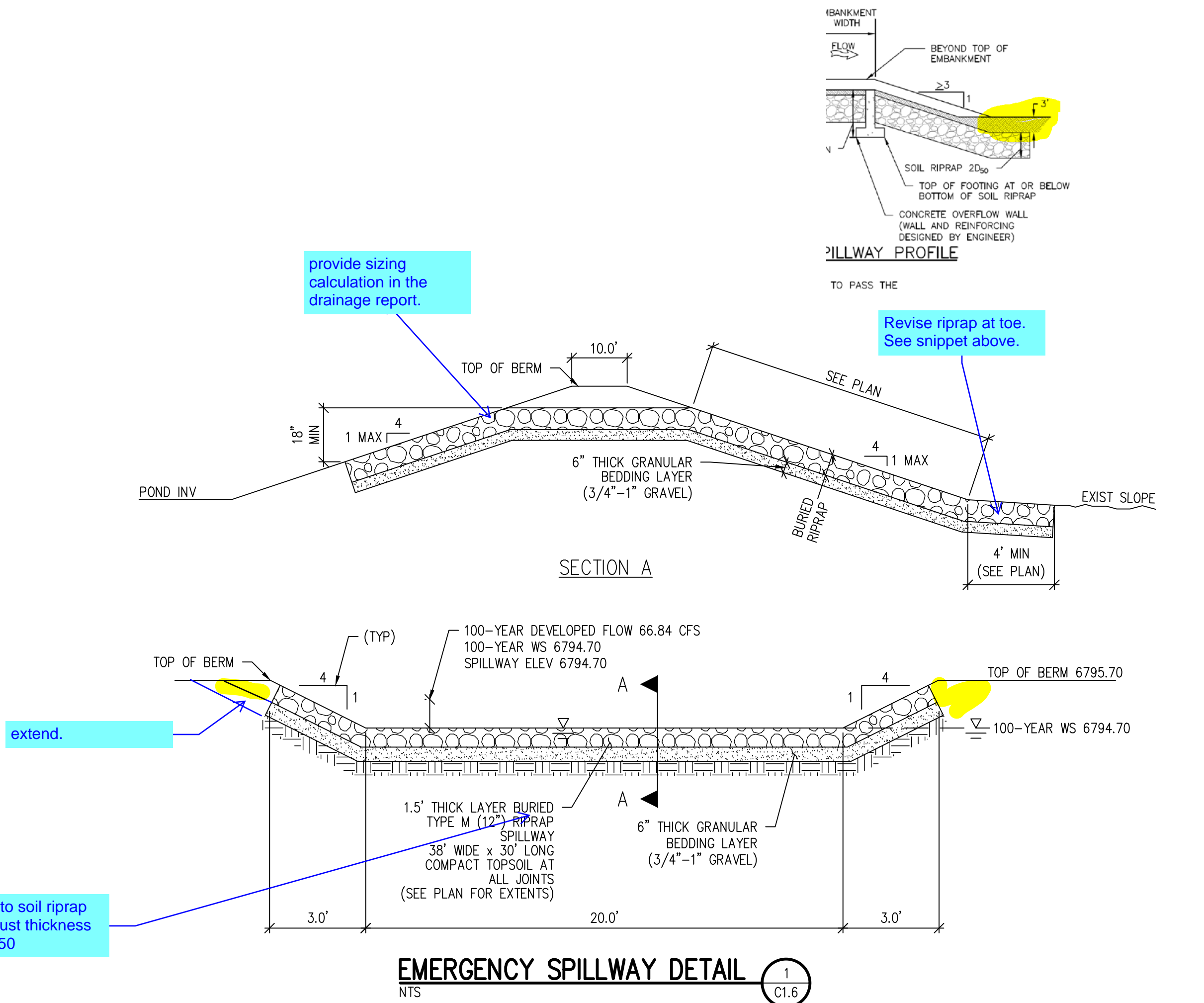
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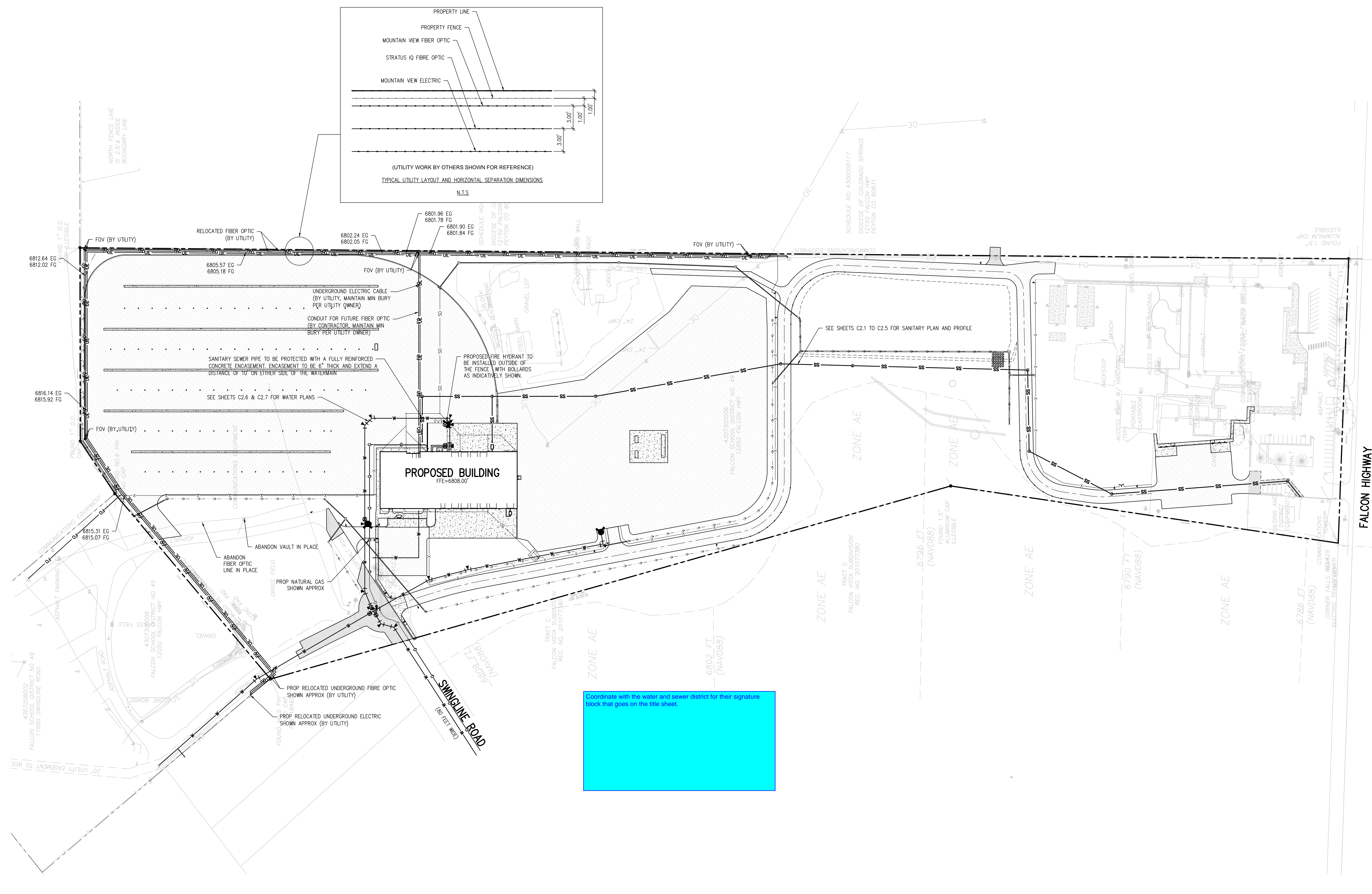
CD1.0



will review pond design with UD-Detention and UD-BMP calculation forms (see Drainage Report comments)  
include forebay, trickle channel, and maintenance road details. show elevations on details

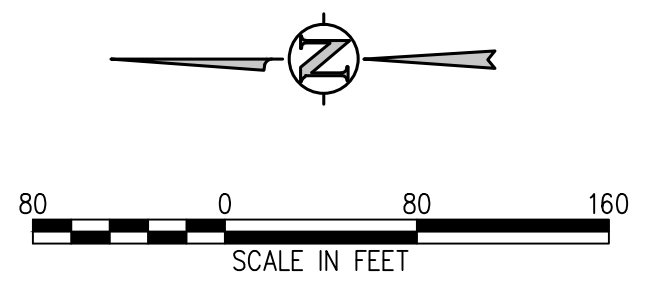


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Coordinate with the water and sewer district for their signature block that goes on the title sheet.

- UTILITY NOTES:**
1. CONTRACTOR TO FIELD VERIFY ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. REFER TO GENERAL NOTES FOR UTILITY LOCATION AND PROTECTION.
  2. ALL DRY UTILITY AND ELECTRIC DESIGNS ARE PROVIDED BY OTHERS AND SHOWN FOR REFERENCE ONLY. SEE MEP PLANS AND SPECIFICATIONS AND COORDINATE WITH ALL UTILITY OWNERS AS NEEDED.
  3. CONTRACTOR TO MARK ALL UTILITY STUBS WITH MARKERS.



**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831

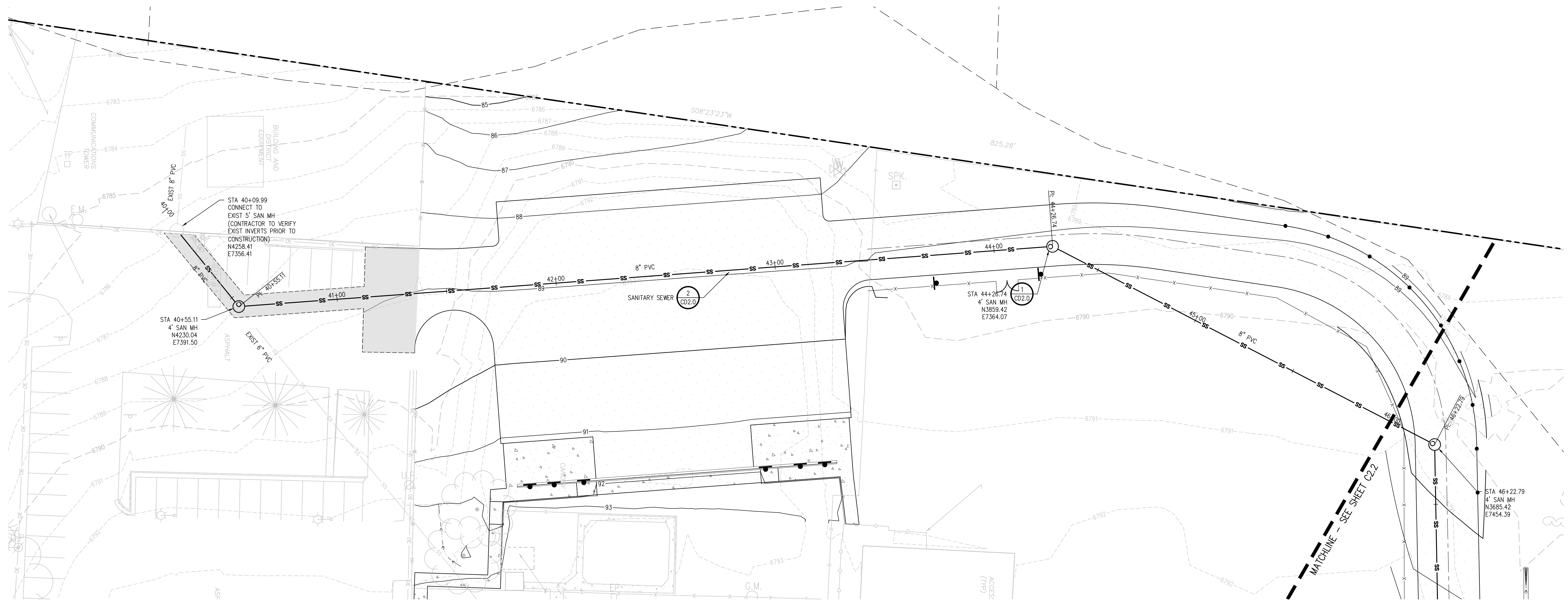


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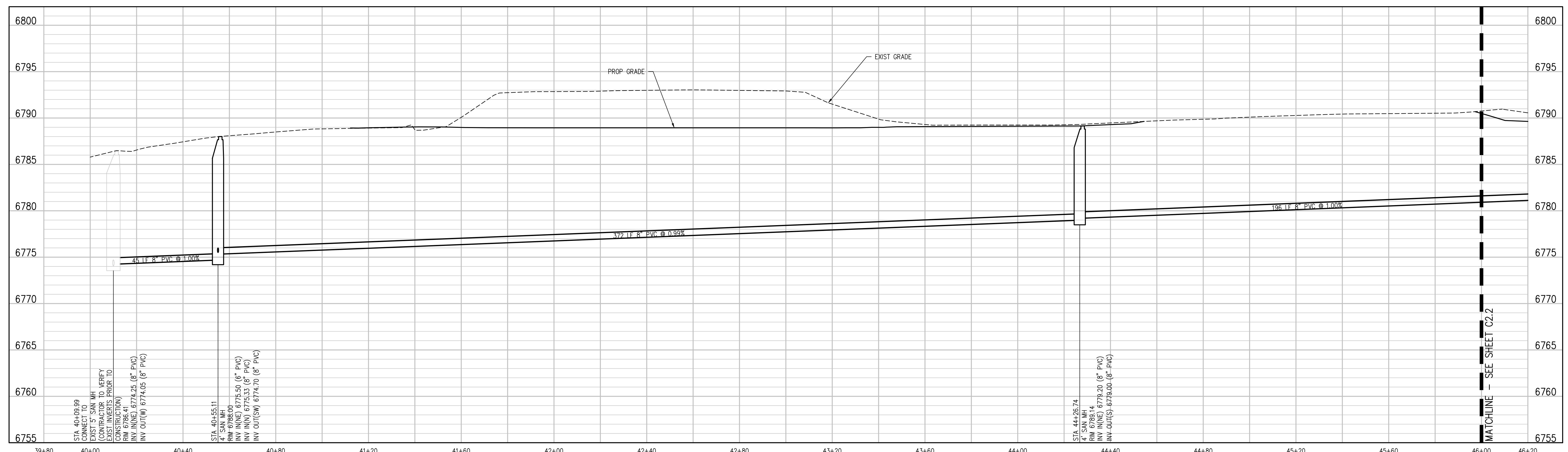
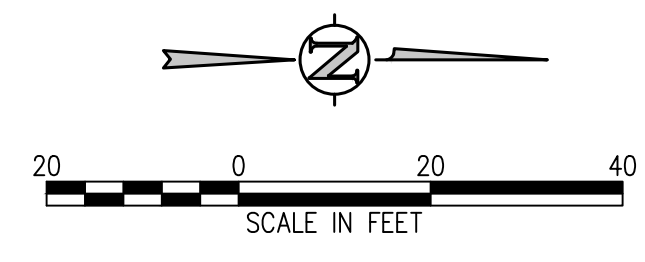
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05/23/2022 2021-041.00

DESIGNED BY: CWK/HCM  
CHECKED BY: T.W. AMB  
DATE: 05/23/2022

CONSTRUCTION DOCUMENTS  
SHEET NO. C2.0



**SANITARY SEWER MAIN PLAN**  
SCALE: 1"=20'



**SANITARY SEWER MAIN PROFILE**  
SCALE: 1"=20' HORIZ  
1"=5' VERT

**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



SHEET TITLE  
**SANITARY MAIN  
PLAN AND  
PROFILE**

DATE PROJECT NUMBER  
**2021-041-00**

DATE  
**05/23/2022**

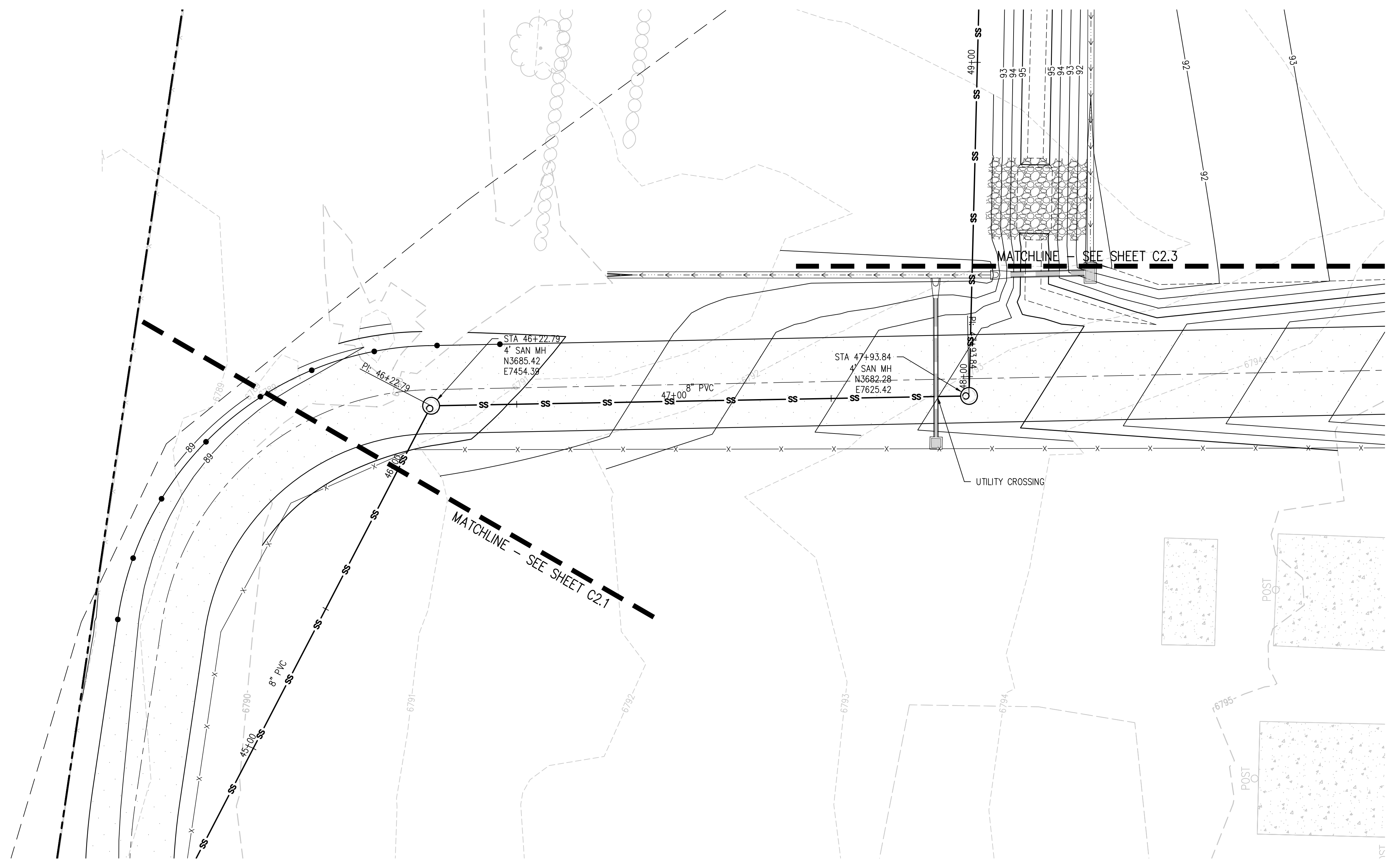
REVISIONS

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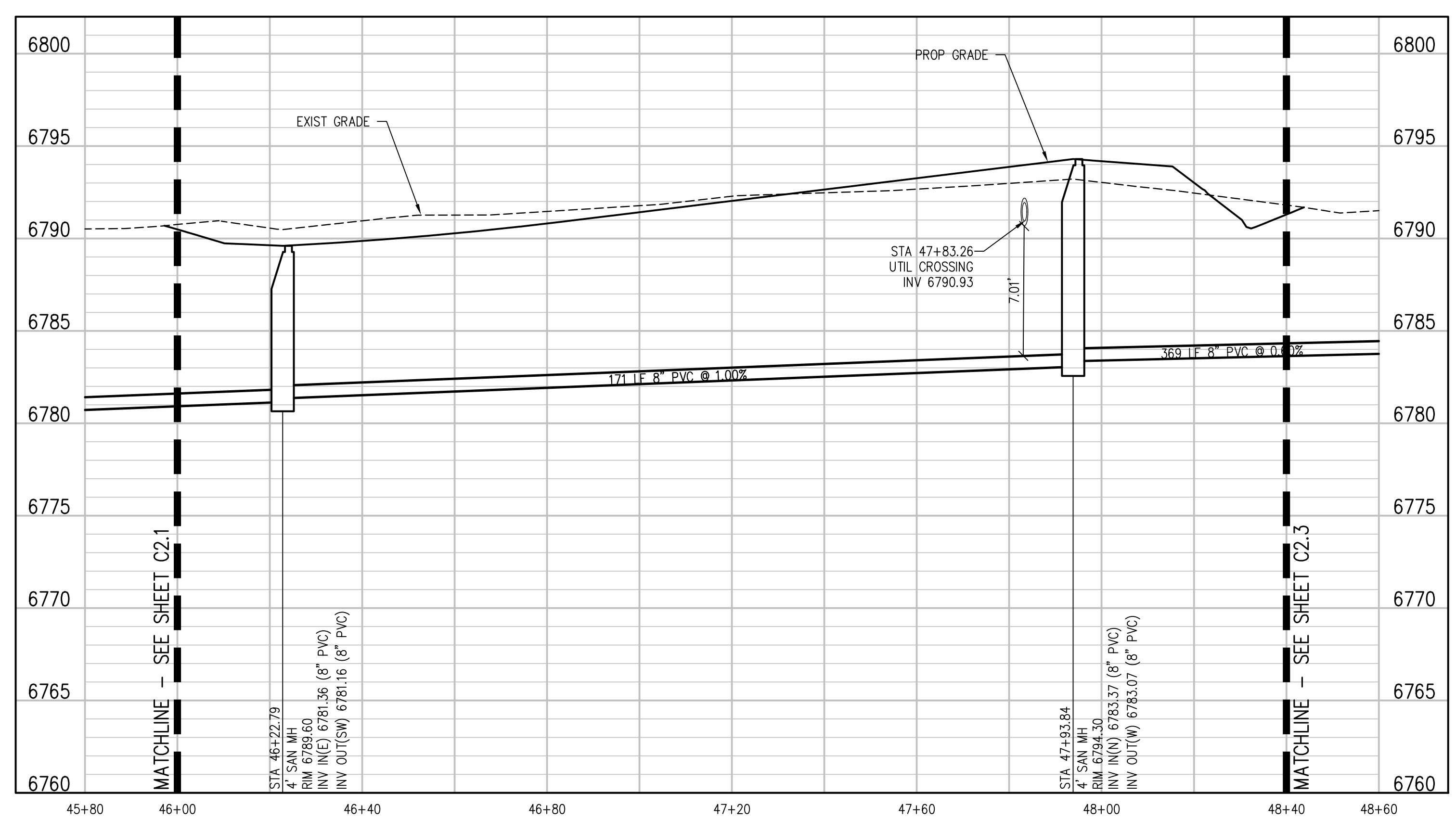
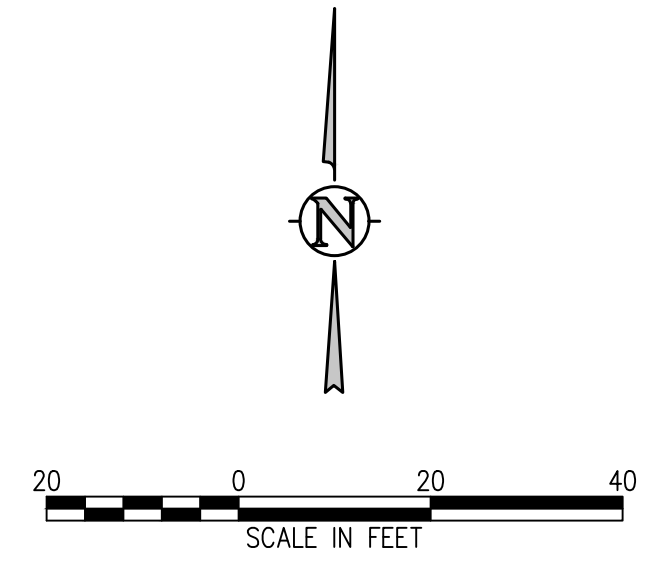
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DRAWN BY: **TWK/AMB**  
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ISSUED FOR  
**CONSTRUCTION  
DOCUMENTS**

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**SANITARY SEWER MAIN PLAN**  
SCALE: 1"=20'



**SANITARY SEWER MAIN PROFILE**  
SCALE: 1"=20' HORIZ  
1"=5' VERT

**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



SHEET TITLE  
**SANITARY MAIN  
PLAN AND  
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WTA PROJECT NUMBER  
**2021-041.00**

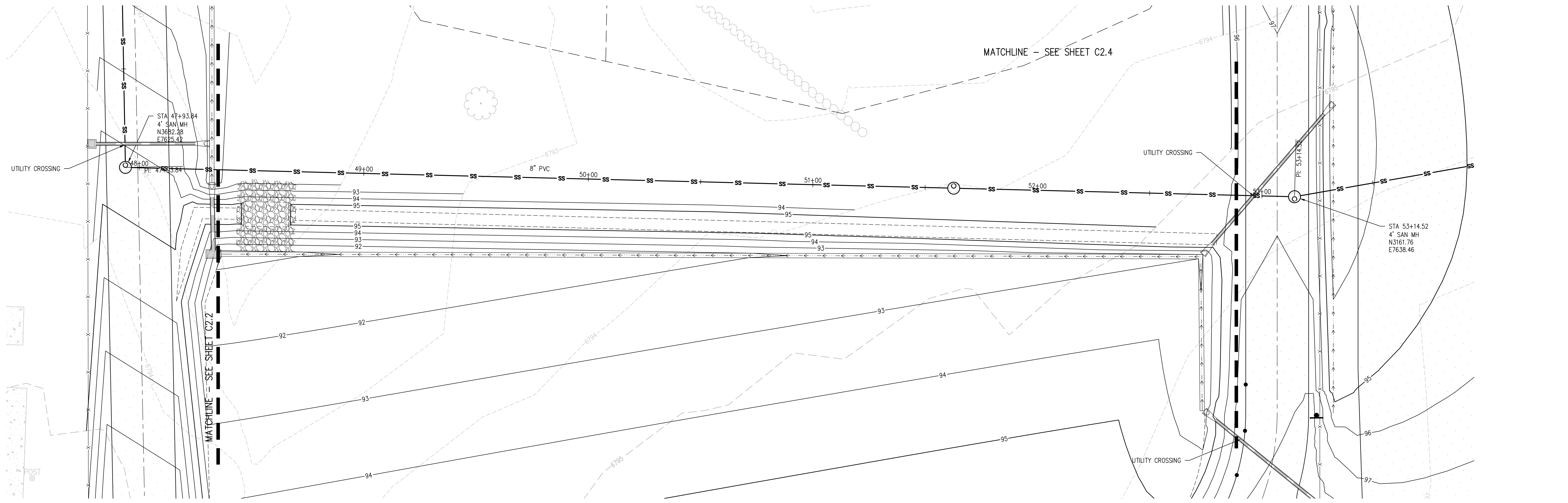
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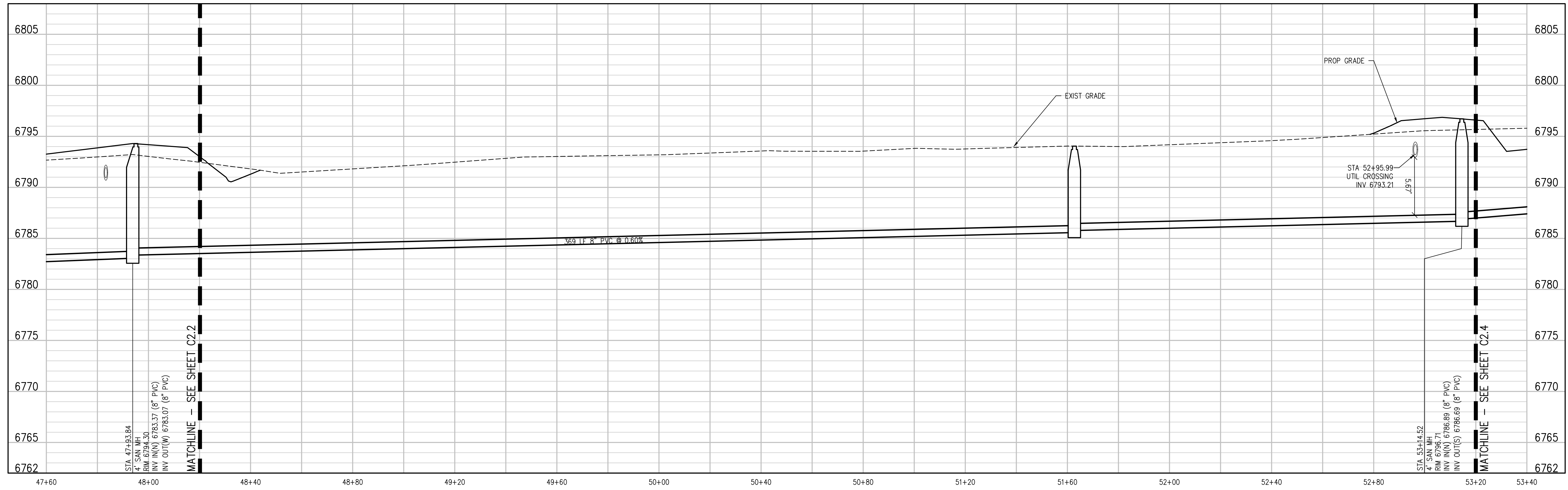
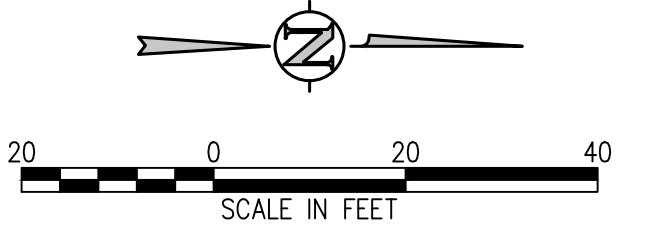
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**SANITARY SEWER MAIN PLAN**  
 SCALE: 1"=20'



**SANITARY SEWER MAIN PROFILE**  
 SCALE: 1"=20' HORIZ  
 1"=5' VERT

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**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
 11971 SWINGLINE ROAD  
 PEYTON, CO 80831



SHEET TITLE  
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ITA PROJECT NUMBER  
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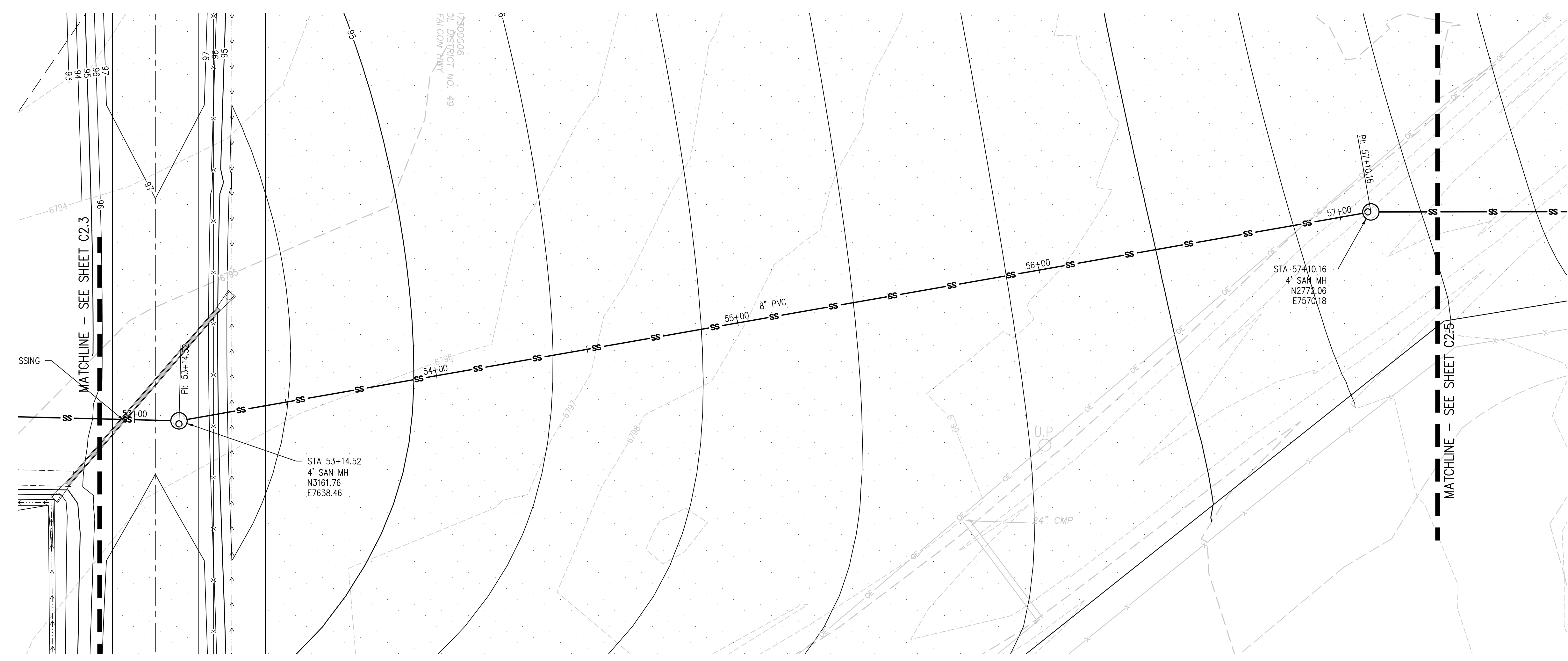
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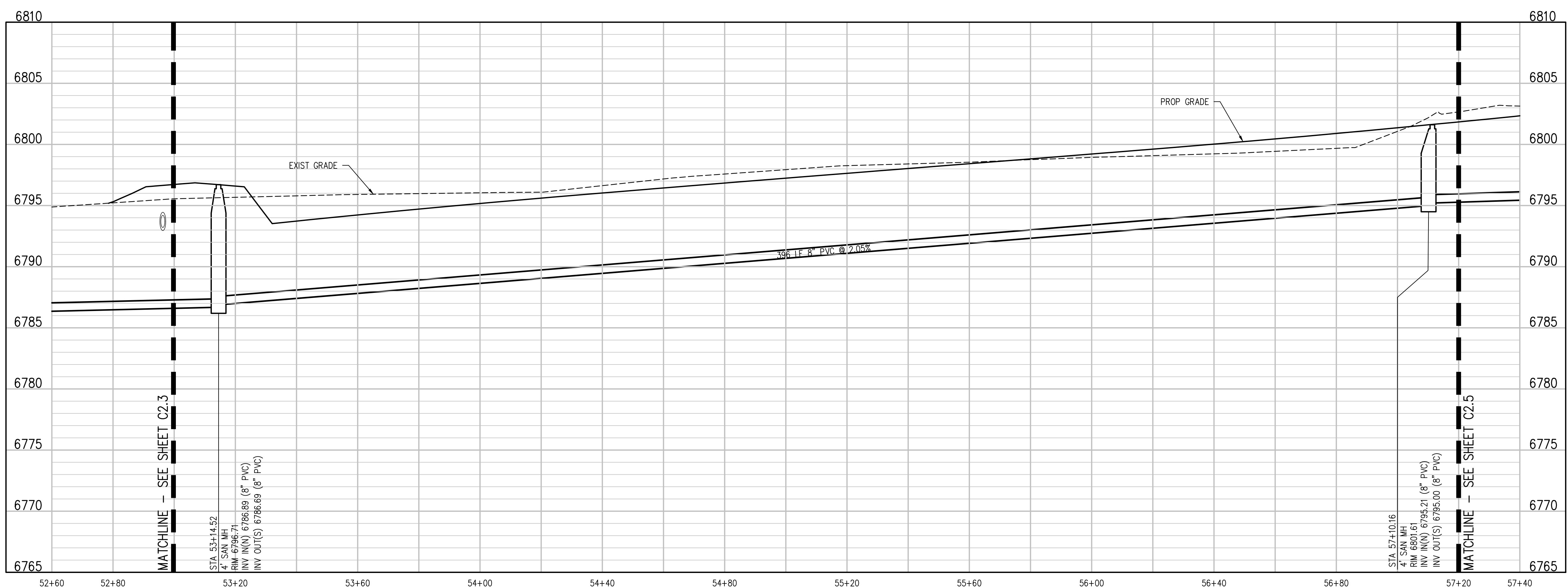
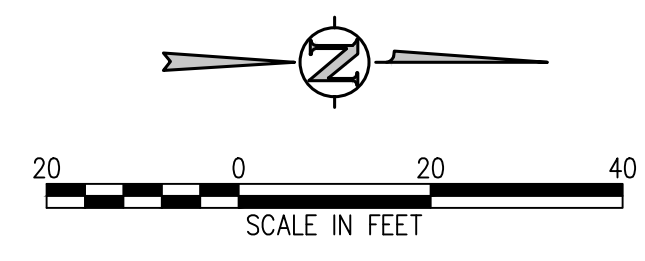
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 DRAWN BY: **TWK/AMB**  
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ISSUED FOR  
**CONSTRUCTION DOCUMENTS**

SHEET NO.  
**C2.3**



**SANITARY SEWER MAIN PLAN**  
 SCALE: 1"=20'



**SANITARY SEWER MAIN PROFILE**  
 SCALE: 1"=20' HORIZ  
 1"=5' VERT

**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
 11971 SWINGLINE ROAD  
 PEYTON, CO 80831



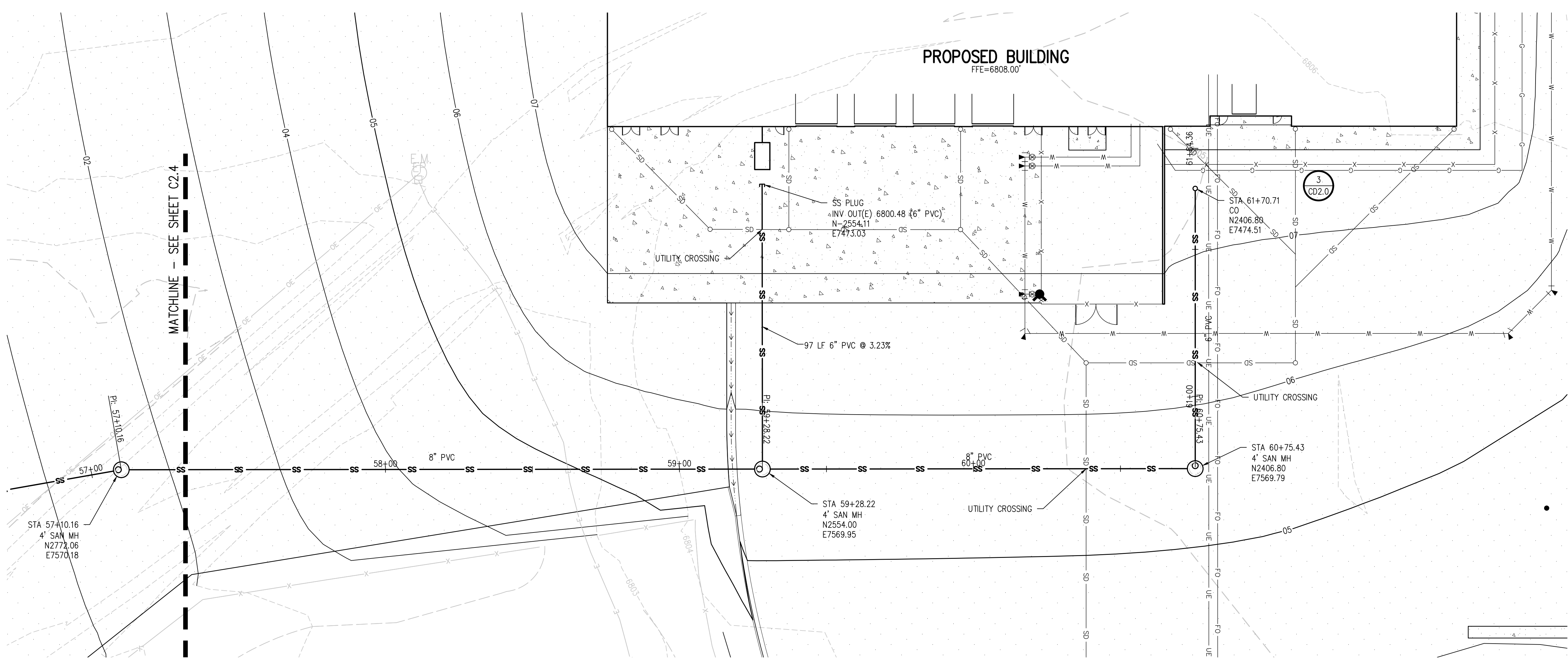
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 PLAN AND  
 PROFILE**

RTA PROJECT NUMBER  
**2021-041.00**

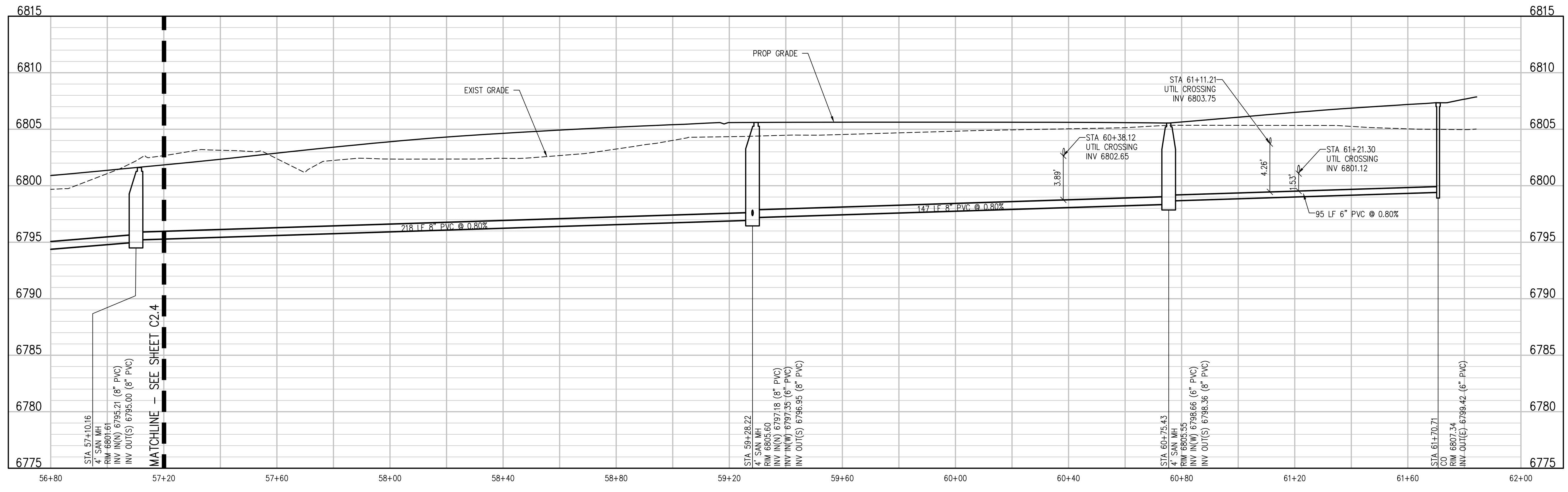
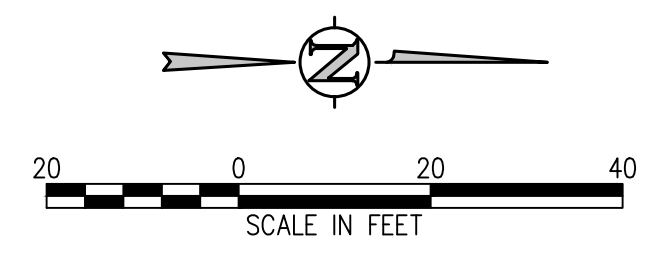
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DESIGNED BY: **CWK/HCM**  
 DRAWN BY: **TWK/AMB**  
 CHECKED BY: **CWK**



**SANITARY SEWER MAIN PLAN**  
SCALE: 1"=20'



**SANITARY SEWER MAIN PROFILE**  
SCALE: 1"=20' HORIZ  
1"=5' VERT

**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



SHEET TITLE  
**SANITARY MAIN  
PLAN AND  
PROFILE**

WTA PROJECT NUMBER  
**2021-041.00**  
DATE  
**05/23/2022**

#	DATE	DESCRIPTION

DESIGN APPROVAL: **CWK/HCM**  
DRAWN BY: **TWK/AMB**  
CHECKED BY: **CWK**

ISSUED FOR  
**CONSTRUCTION  
DOCUMENTS**

SHEET NO.  
**C2.5**

**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



REGISTERED PROFESSIONAL ENGINEER  
T.W. WILLIAMS  
NO. 28699  
STATE OF COLORADO  
EXPIRES 5/23/22

PROJECT NUMBER  
**2021-041.00**

DATE  
**05/23/2022**

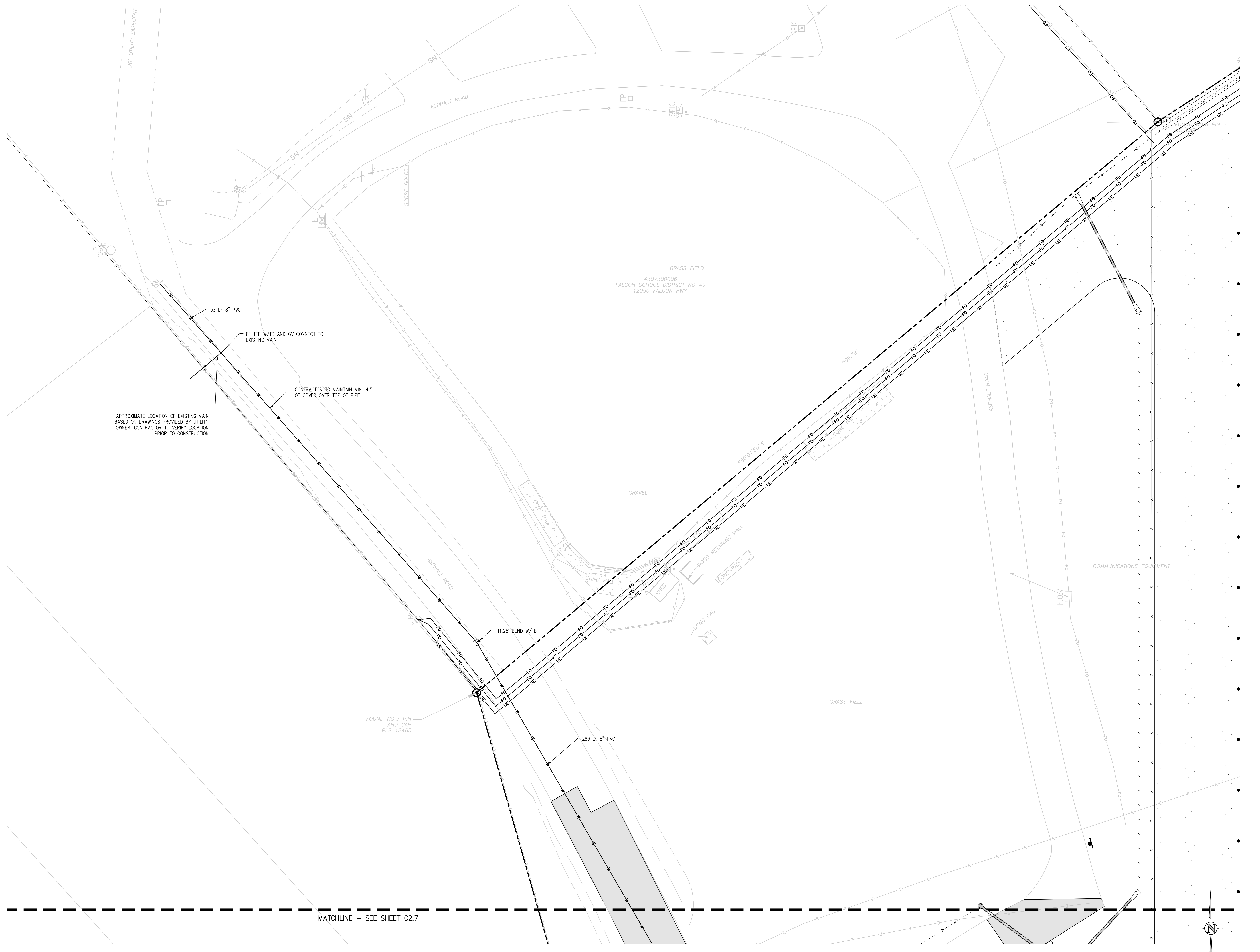
REVISIONS

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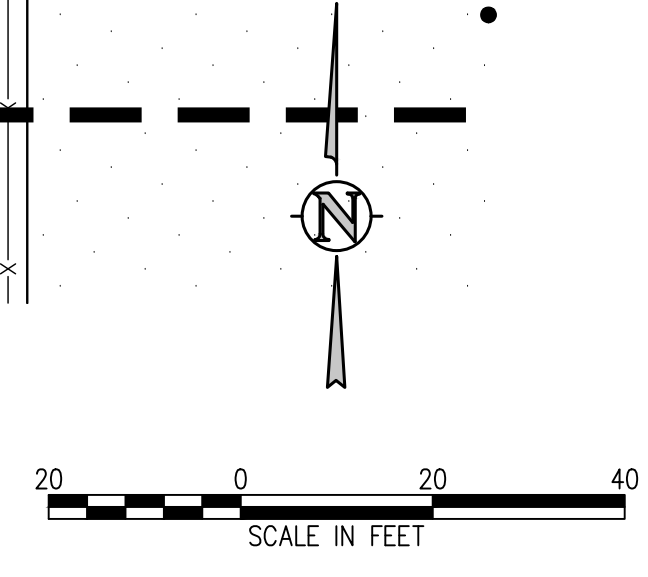
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DRAWN BY: TWW/AMB  
CHECKED BY: CWK

ISSUED FOR  
**CONSTRUCTION DOCUMENTS**

C2.6



MATCHLINE - SEE SHEET C2.7



**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



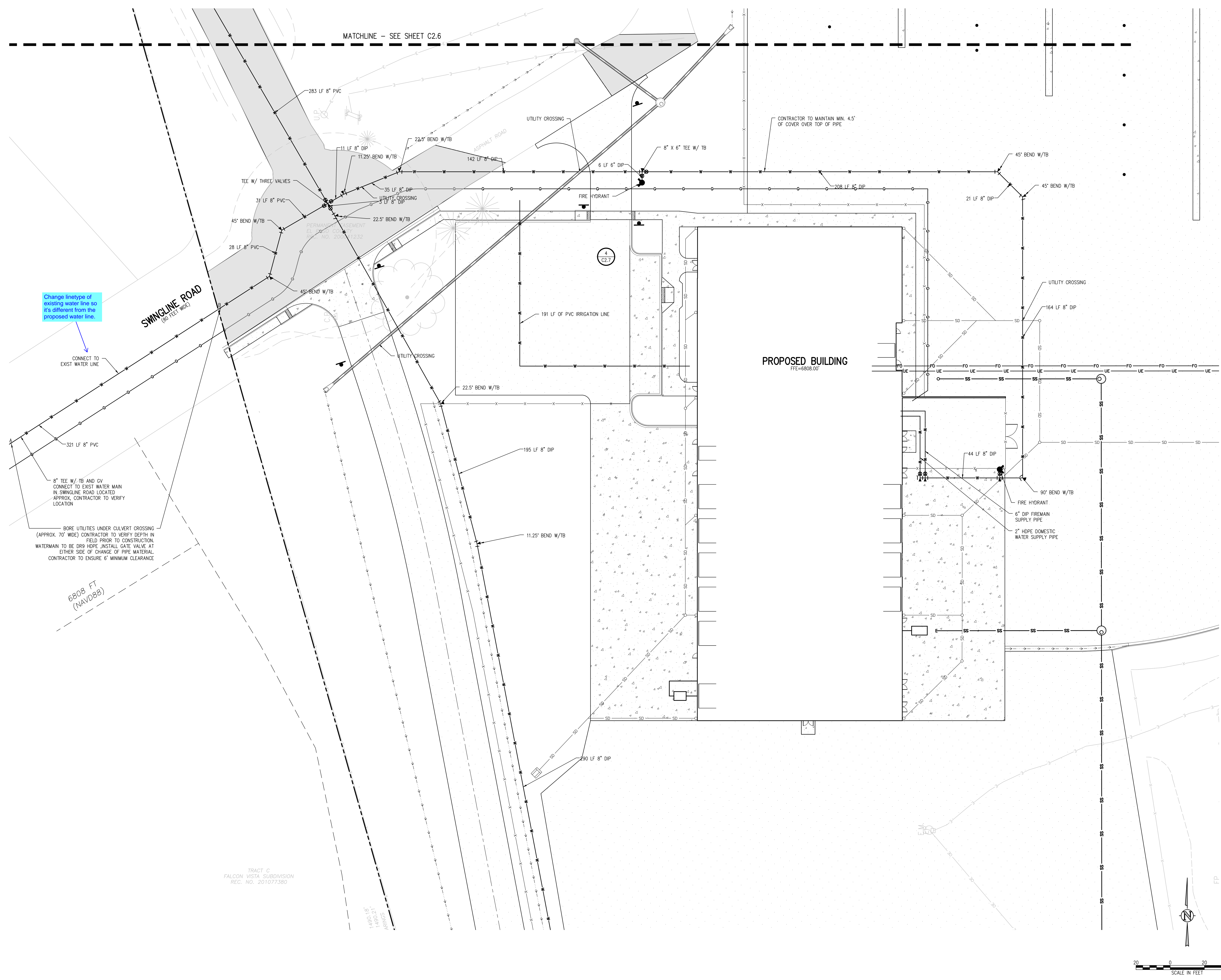
WATER PLAN B

WTA PROJECT NUMBER  
**2021-041.00**  
DATE  
**05/23/2022**

DATE DESCRIPTION

CONSTRUCTION DOCUMENTS

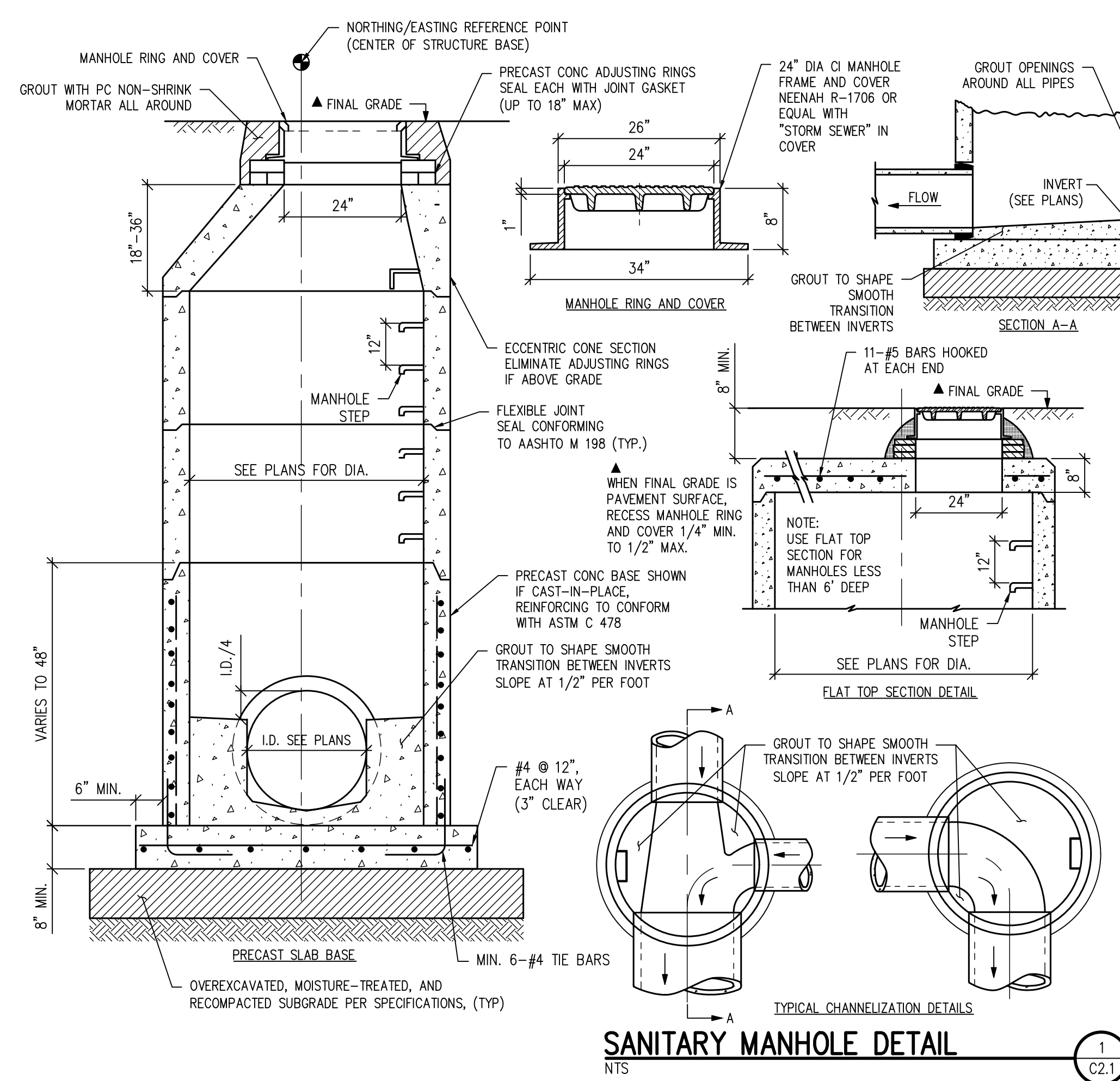
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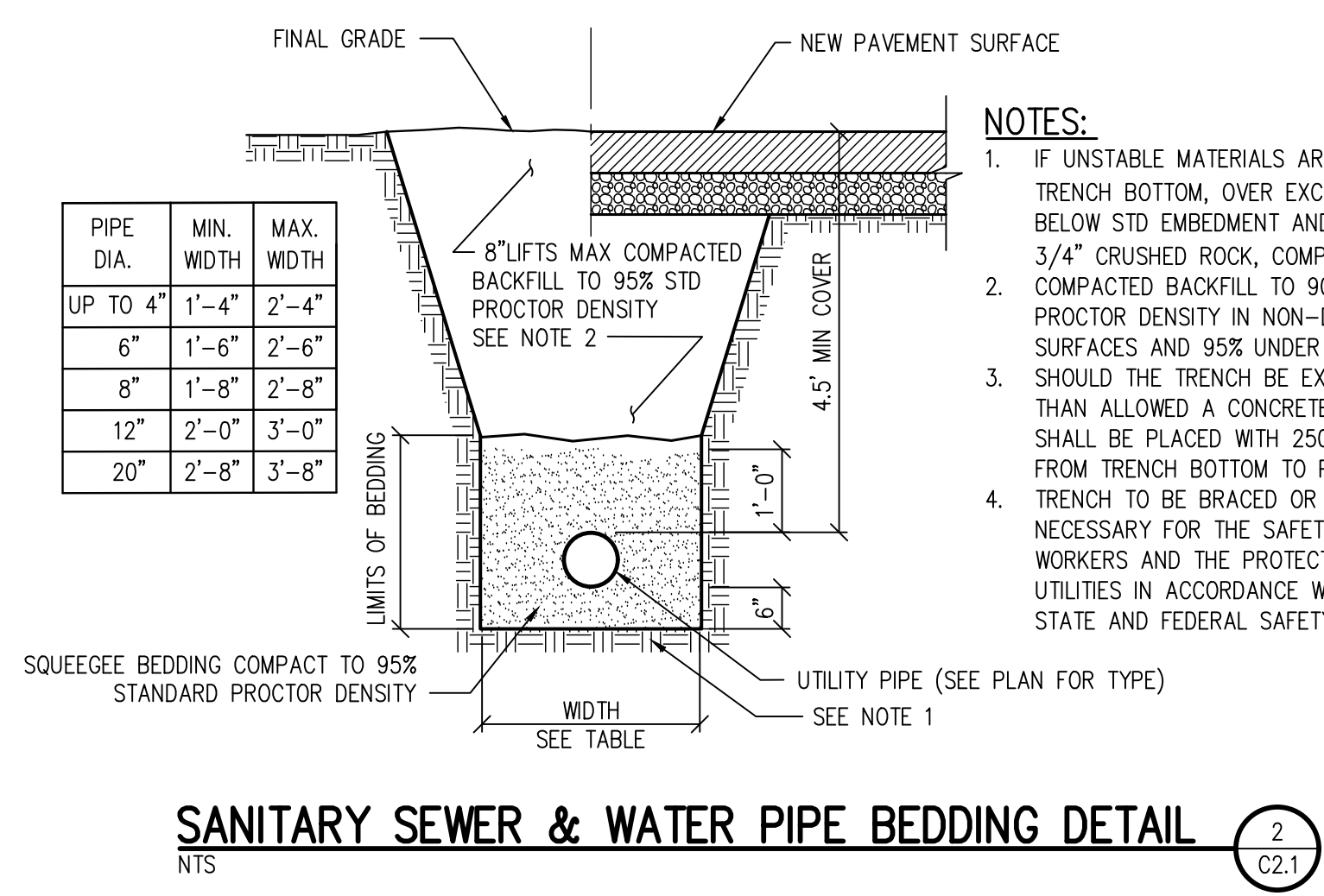
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TRACT C  
FALCON VISTA SUBDIVISION  
REC. NO. 201077380

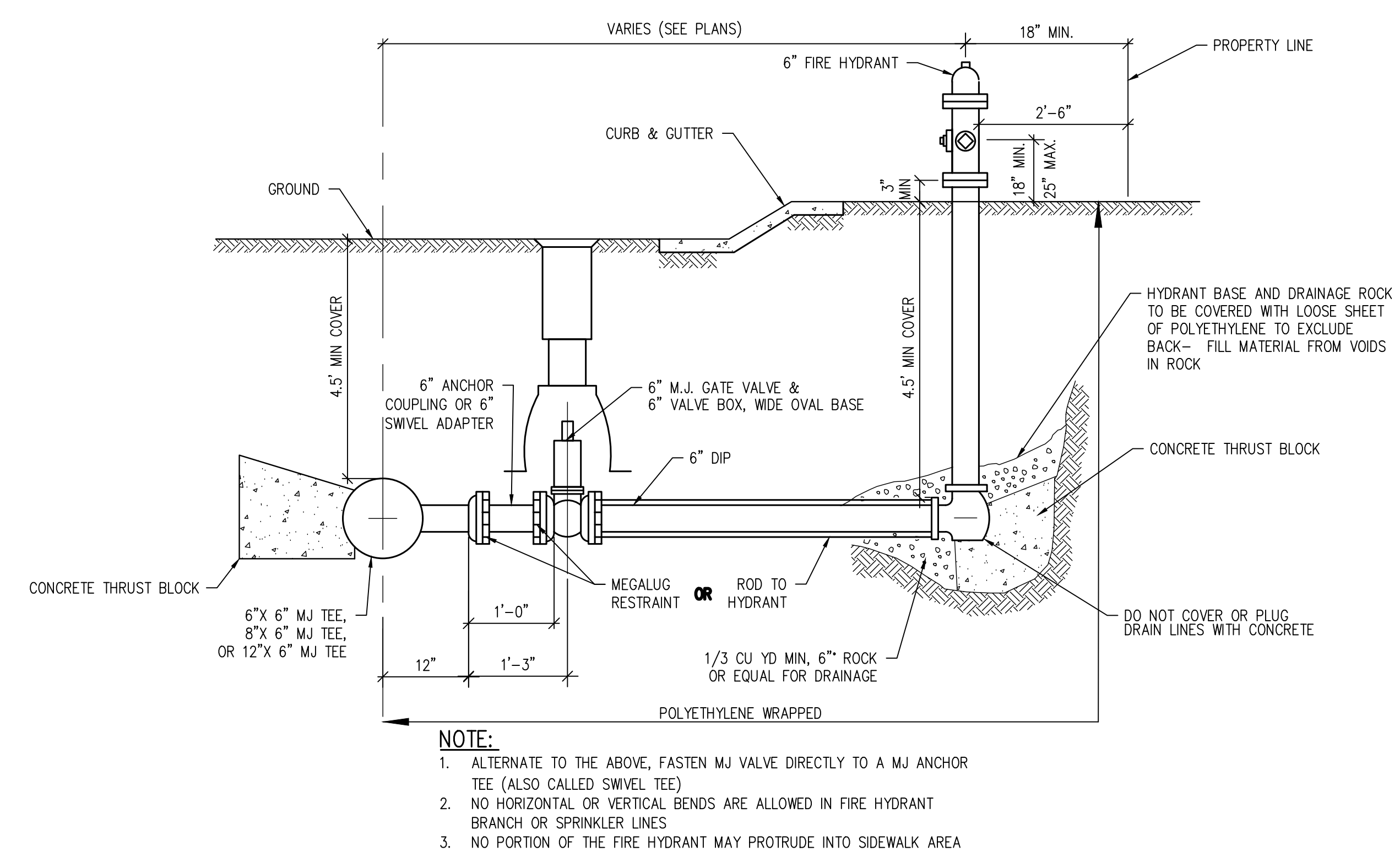
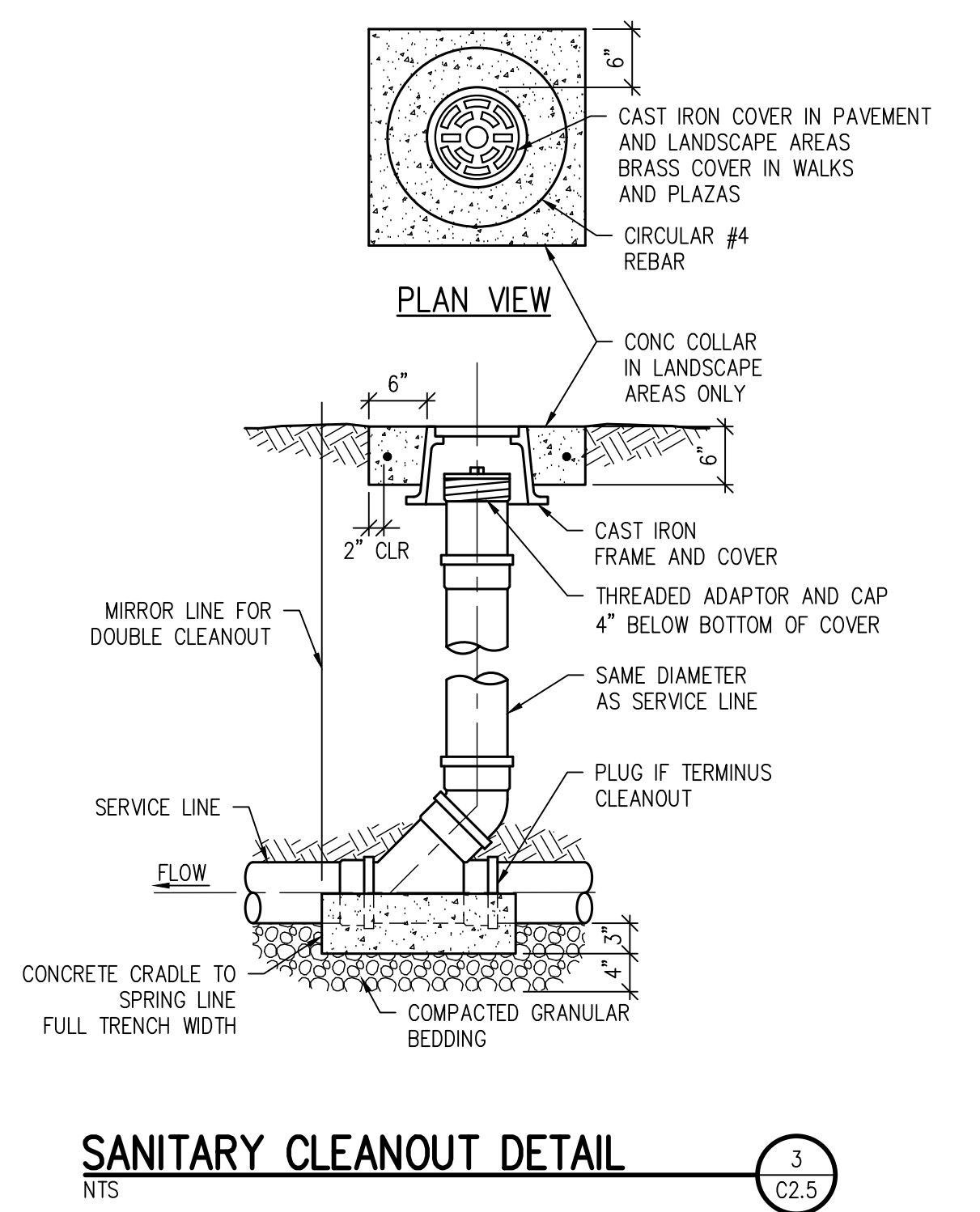
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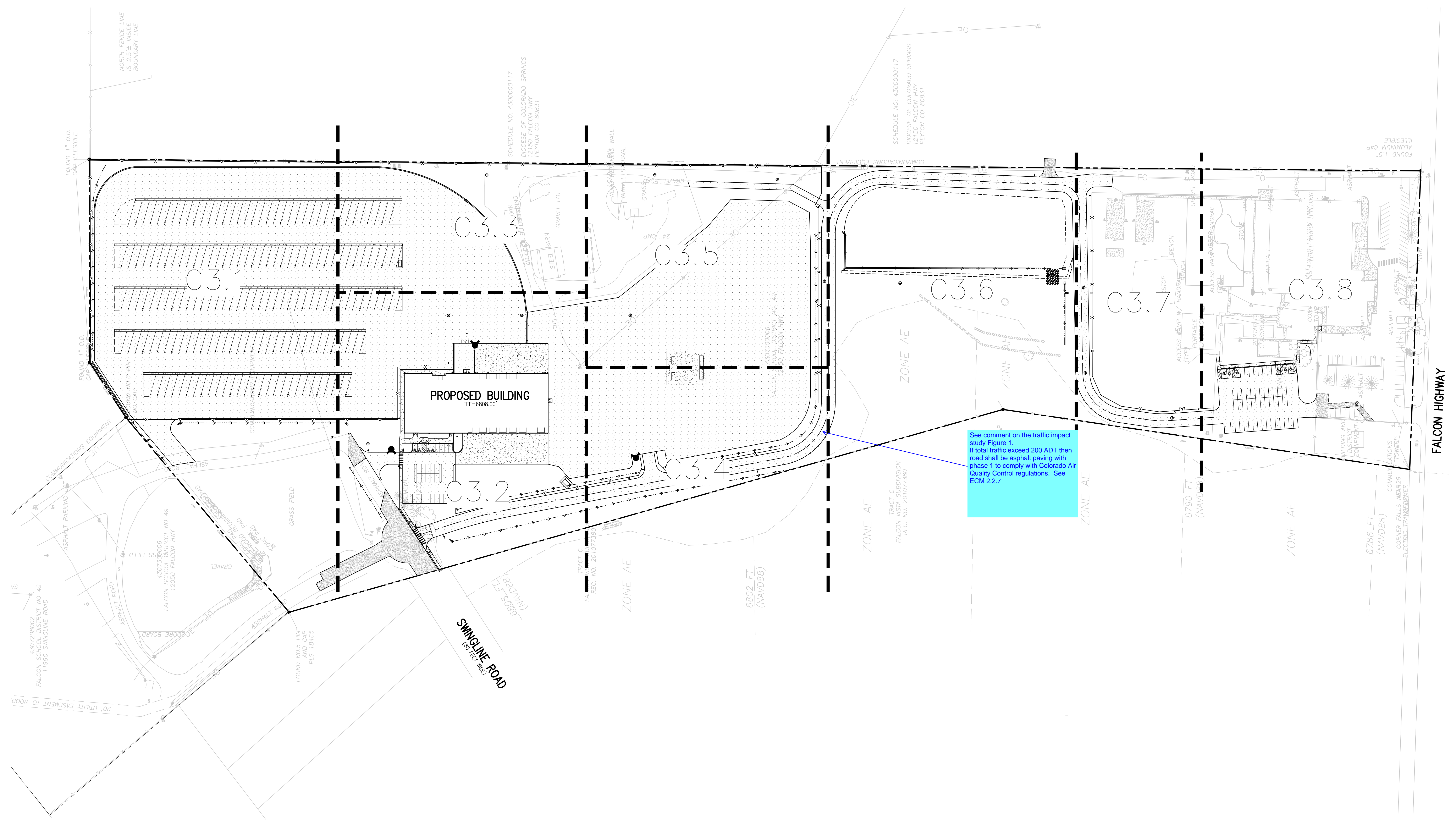
- NOTES:**
1. SINCE ALL PIPE ENTRIES INTO THE BASE ARE VARIABLE, THE DIMENSIONS SHOWN ARE TYPICAL. ACTUAL DIMENSIONS AND QUANTITIES FOR CONCRETE AND REINFORCEMENT SHALL BE AS REQUIRED IN THE WORK.
  2. THE PRECAST FLAT TOP MAY BE USED ON ANY MANHOLE.
  3. THE MANHOLE RING FRAME SHALL BE SET IN A BED OF GROUT. THE FRAME SHALL BE SURROUNDED WITH A CEMENT GROUT IN UNPAVED AREA, OR A CONCRETE COLLAR IN PAVED AREA. SEE DETAILS ON SHEETS 2 AND 3.
  4. DESIGN OF BOX BASE IS BASED ON STRAIGHT RUNS OF PIPE OR CHANGE IN DIRECTION OF LESS THAN 45°. SPECIAL DESIGN IS REQUIRED FOR 45° OR GREATER.
  5. PRECAST MANHOLES AND REINFORCEMENT SHALL CONFORM TO AASHTO M 199 (ASTM C 478).
  6. CAST-IN-PLACE MANHOLES SHALL BE CLASS B CONCRETE.
  7. STEPS SHALL BE REQUIRED WHEN THE MANHOLE DEPTH EXCEEDS 3 FT.-6 IN. AND SHALL CONFORM TO AASHTO M 199.
  8. ALL REINFORCING STEEL SHALL BE GRADE 60 AND EPOXY COATED. VERTICAL STEEL SHALL BE PLACED AT CENTERLINE OF WALL. ALL BARS SHALL HAVE A 2 IN. MINIMUM CLEARANCE.
  9. ALL PIPE ENTRIES INTO THE BASE OF MANHOLE SHALL BE CONNECTED BY OPEN CHANNELIZATION ADJUSTED FOR PIPE SIZE, SHAPE, SLOPE, AND DIRECTION OF FLOW. DETAILS SHOWN ARE TYPICAL FOR INSTALLATIONS WITH ALL INVERTS OF SAME RELATIVE ELEVATION. FOR EXCESSIVE ELEVATION DIFFERENCE BETWEEN INVERTS, SPECIAL BASE/CHANNEL DETAILS WILL BE SHOWN ON THE PLANS.
  10. FLOW CHANNELS AND INVERTS SHALL BE FORMED BY SHAPING WITH CLASS B CONCRETE OR APPROVED GROUT.
  11. STUB-OUTS SHALL EXTEND 2 FT. MINIMUM BEYOND OUTSIDE WALL SURFACE OF MANHOLE AND BE SATISFACTORILY PLUGGED.
  12. THE SLOPE OF THE MANHOLE COVER SHALL MATCH THE ROADWAY PROFILE AND CROSS SLOPE.
  13. BASE SLABS SHALL BE POURED MONOLITHICALLY WITH BOTTOM RISER SECTION.
  14. PRECAST MANHOLE BASES SHALL FIT THE CONDITIONS AND LOCATIONS FOR WHICH THEY ARE INTENDED WITHOUT ANY FIELD MODIFICATIONS. ANY MANHOLE BASE WHICH REQUIRES FIELD CUTTING OR MODIFICATION IN ORDER TO FIT THE LOCATIONS INTENDED WILL BE REJECTED BY THE ENGINEER AND REMOVED AND REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.
  15. FOR FULL DETAIL, SEE CDOT DETAIL M-604-20.



- NOTES:**
1. IF UNSTABLE MATERIALS ARE FOUND IN TRENCH BOTTOM, OVER EXCAVATE 12" BELOW STD EMBEDMENT AND FILL WITH 3/4" CRUSHED ROCK, COMPACTED TO 95% COMPACTED BACKFILL TO 90% STD PROCTOR DENSITY IN NON-DRIVING SURFACES AND 95% UNDER PAVEMENT.
  2. SHOULD THE TRENCH BE EXCAVATED WIDER THAN ALLOWED A CONCRETE CRADLE SHALL BE PLACED WITH 2500PSI CONCRETE FROM TRENCH BOTTOM TO PIPE SPRINGLINE. TRENCH TO BE BRACED OR SHEETED AS NECESSARY FOR THE SAFETY OF THE WORKERS AND THE PROTECTION OF OTHER UTILITIES IN ACCORDANCE WITH LOCAL STATE AND FEDERAL SAFETY REGULATIONS.



- NOTE:**
1. ALTERNATE TO THE ABOVE, FASTEN MJ VALVE DIRECTLY TO A MJ ANCHOR TEE (ALSO CALLED SWIVEL TEE)
  2. NO HORIZONTAL OR VERTICAL BENDS ARE ALLOWED IN FIRE HYDRANT BRANCH OR SPRINKLER LINES
  3. NO PORTION OF THE FIRE HYDRANT MAY PROTRUDE INTO SIDEWALK AREA



**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



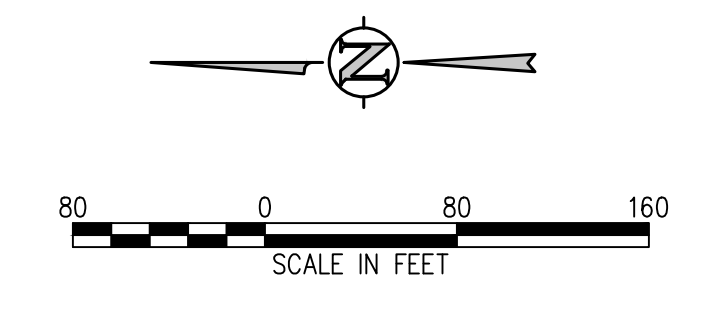
SHEET TITLE  
**OVERALL  
HORIZONTAL  
CONTROL PLAN**

WTA PROJECT NUMBER  
**2021-041.00**

DATE  
**05/23/2022**

REVISIONS

#	DATE	DESCRIPTION

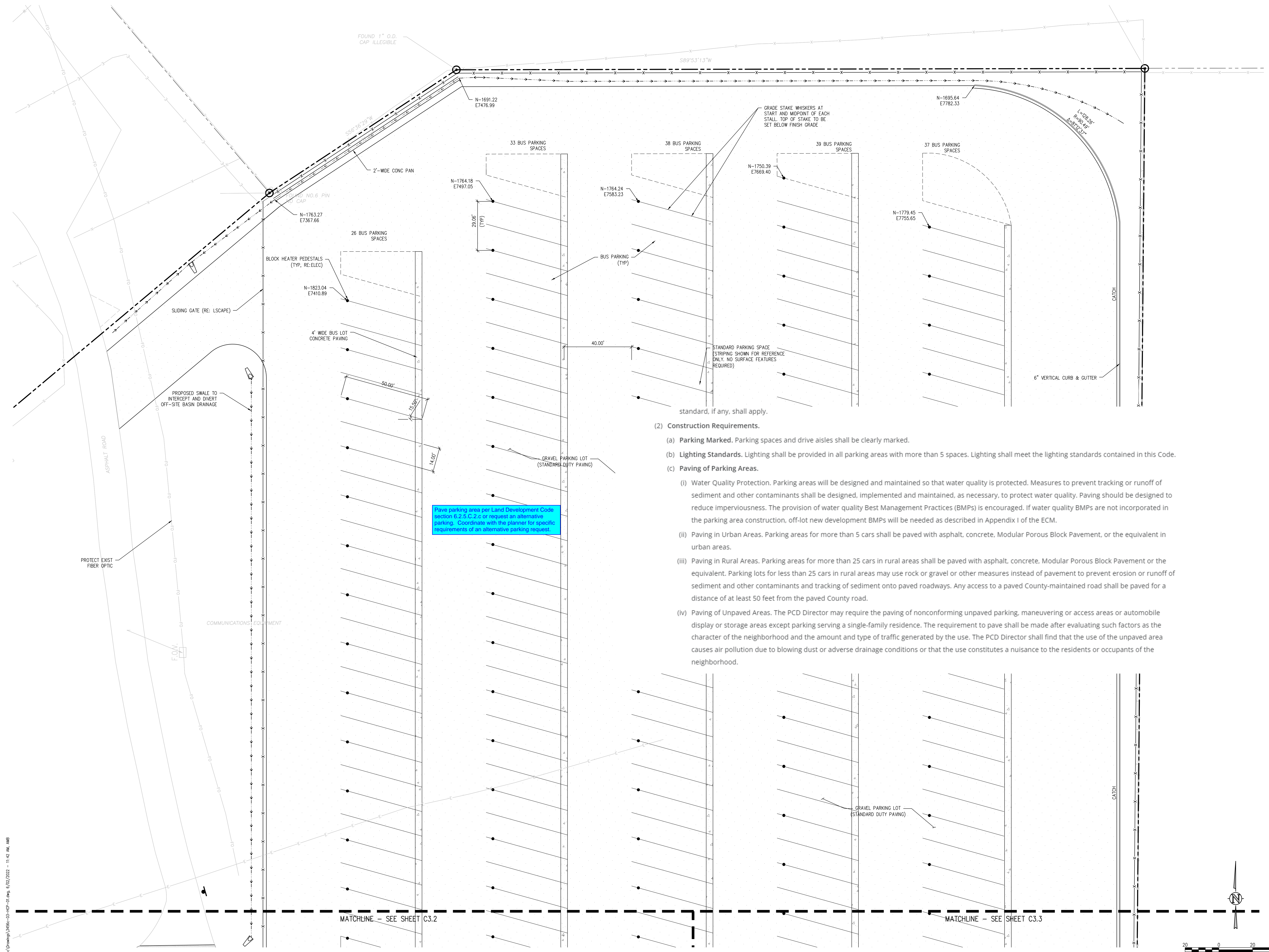


- HORIZONTAL CONTROL NOTES:**
1. ALL DIMENSIONS AND RADII ARE TO FACE OF CURB, FACE OF BUILDING AND EDGE OF WALK UNLESS OTHERWISE NOTED.
  2. CONTRACTOR TO REPAIR/REPLACE ALL DAMAGE TO EXISTING FLATWORK OR SITE FEATURES NOT INTENDED FOR DEMOLITION.
  3. REFER TO GRADING AND DRAINAGE PLAN FOR FURTHER INFORMATION PERTAINING TO CURB & GUTTER, CHASES, AND DRAINAGE PANS.

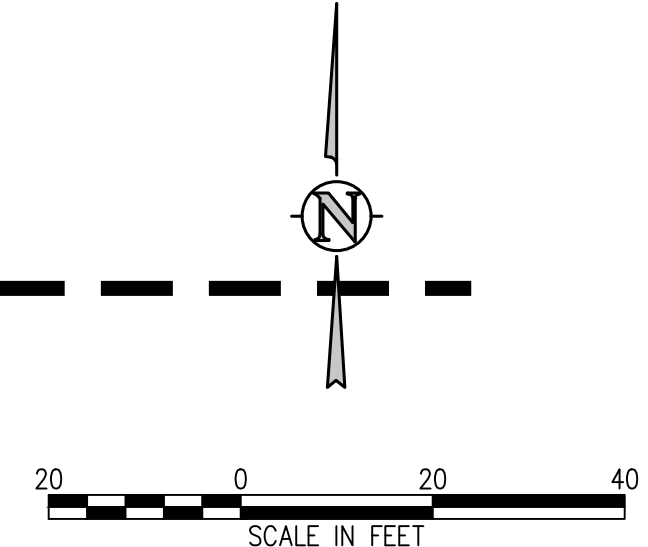
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DRAWN BY: **TWK/AMB**  
CHECKED BY: **CWK**

ISSUED FOR  
**CONSTRUCTION  
DOCUMENTS**

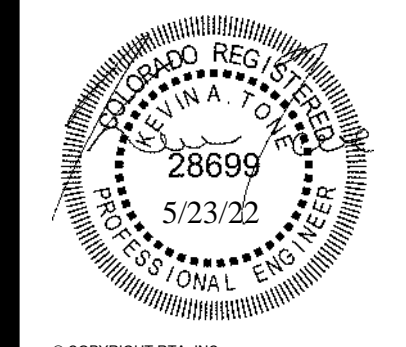
**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



- (2) Construction Requirements.
- (a) **Parking Marked.** Parking spaces and drive aisles shall be clearly marked.
  - (b) **Lighting Standards.** Lighting shall be provided in all parking areas with more than 5 spaces. Lighting shall meet the lighting standards contained in this Code.
  - (c) **Paving of Parking Areas.**
    - (i) **Water Quality Protection.** Parking areas will be designed and maintained so that water quality is protected. Measures to prevent tracking or runoff of sediment and other contaminants shall be designed, implemented and maintained, as necessary, to protect water quality. Paving should be designed to reduce imperviousness. The provision of water quality Best Management Practices (BMPs) is encouraged. If water quality BMPs are not incorporated in the parking area construction, off-lot new development BMPs will be needed as described in Appendix I of the ECM.
    - (ii) **Paving in Urban Areas.** Parking areas for more than 5 cars shall be paved with asphalt, concrete, Modular Porous Block Pavement, or the equivalent in urban areas.
    - (iii) **Paving in Rural Areas.** Parking areas for more than 25 cars in rural areas shall be paved with asphalt, concrete, Modular Porous Block Pavement or the equivalent. Parking lots for less than 25 cars in rural areas may use rock or gravel or other measures instead of pavement to prevent erosion or runoff of sediment and other contaminants and tracking of sediment onto paved roadways. Any access to a paved County-maintained road shall be paved for a distance of at least 50 feet from the paved County road.
    - (iv) **Paving of Unpaved Areas.** The PCD Director may require the paving of nonconforming unpaved parking, maneuvering or access areas or automobile display or storage areas except parking serving a single-family residence. The requirement to pave shall be made after evaluating such factors as the character of the neighborhood and the amount and type of traffic generated by the use. The PCD Director shall find that the use of the unpaved area causes air pollution due to blowing dust or adverse drainage conditions or that the use constitutes a nuisance to the residents or occupants of the neighborhood.



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SHEET TITLE  
**HORIZONTAL CONTROL PLAN A**

WTA PROJECT NUMBER  
**2021-041.00**

DATE  
**05/23/2022**

#	DATE	DESCRIPTION

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CHECKED BY: **TW/AMB**  
DATE: **CWK**

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**CONSTRUCTION DOCUMENTS**

C3.1



**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



SHEET TITLE  
**HORIZONTAL CONTROL PLAN B**

WTA PROJECT NUMBER  
**2021-041.00**

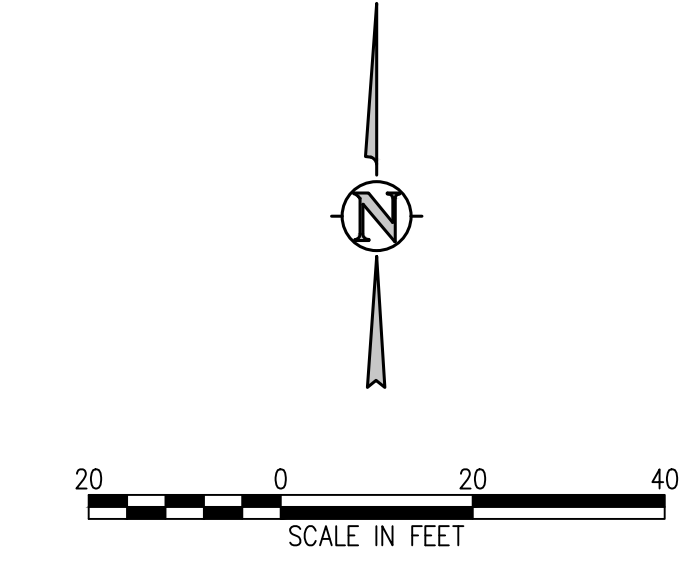
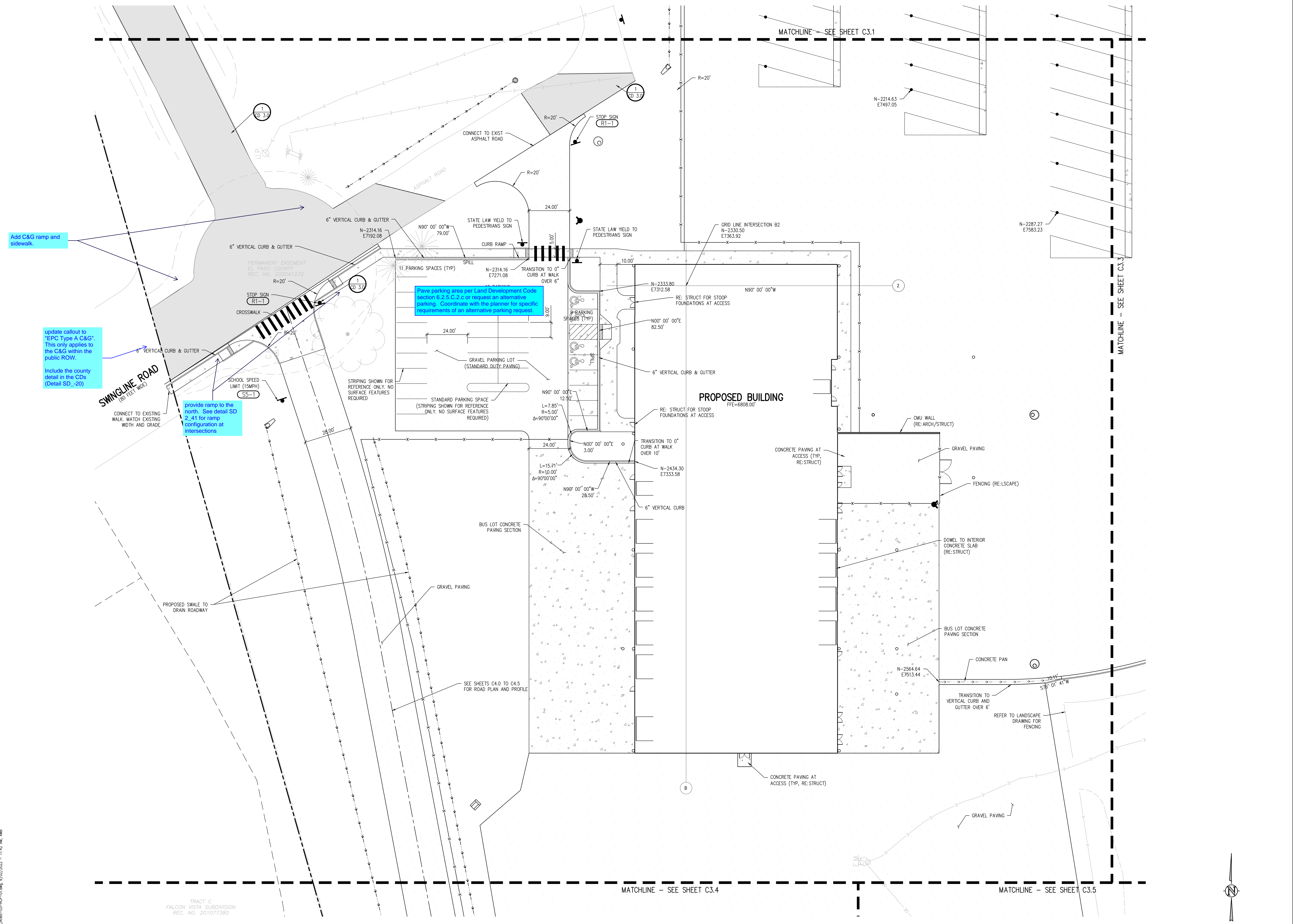
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**05/23/2022**

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C3.2



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TRACT C  
FALCON VISTA SUBDIVISION  
REC. NO. 201077380

**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
 11971 SWINGLINE ROAD  
 PEYTON, CO 80831



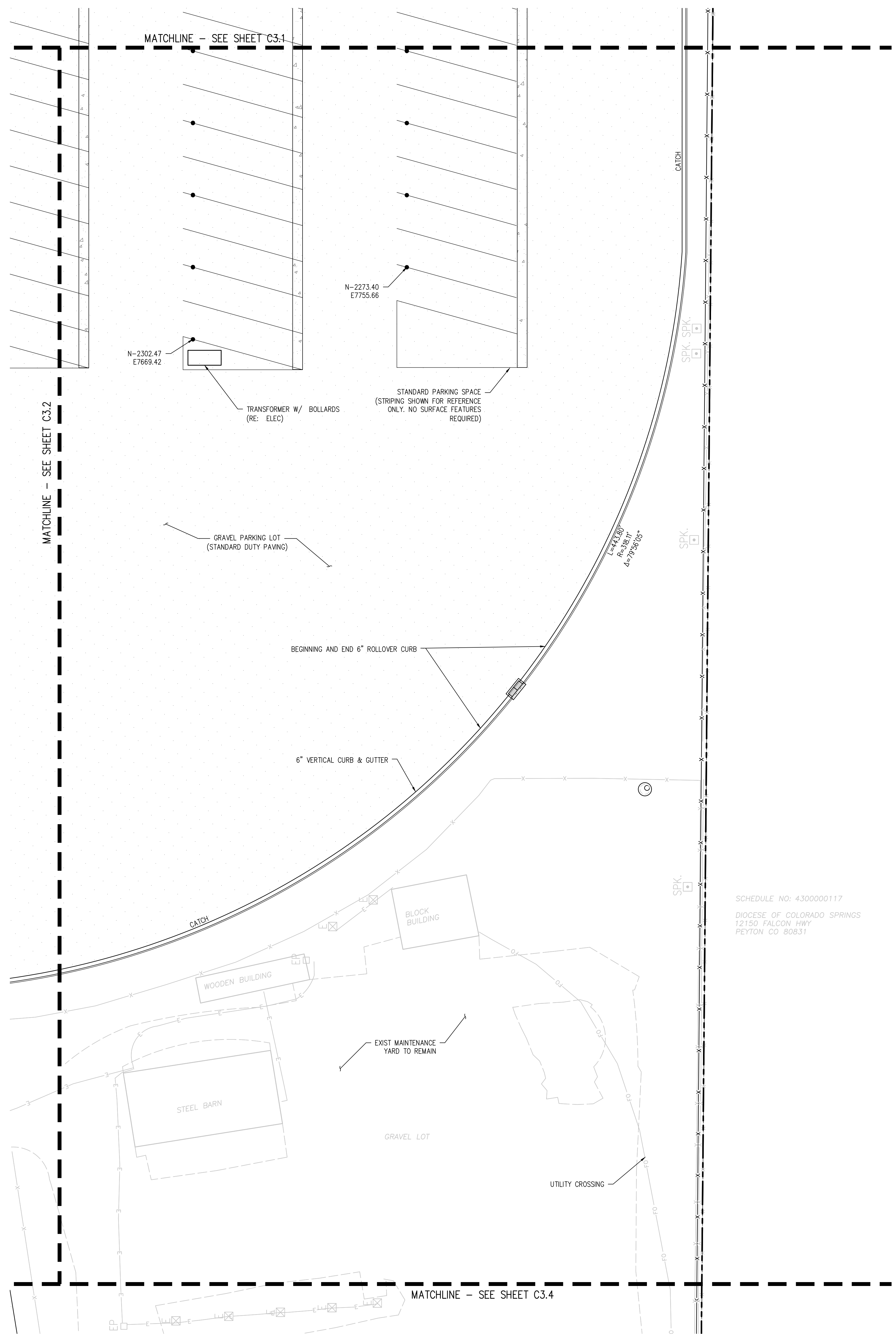
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**2021-041.00**  
 DATE  
**05/23/2022**

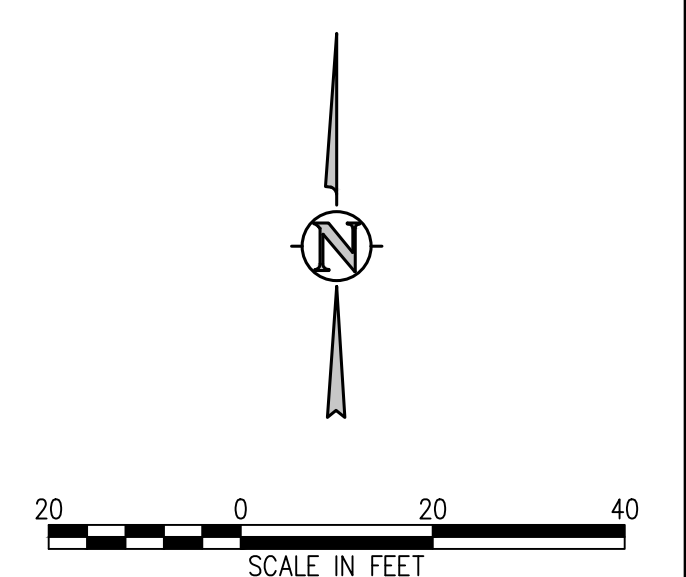
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 DRAWN BY: **TWK/AMB**  
 CHECKED BY: **CWK**

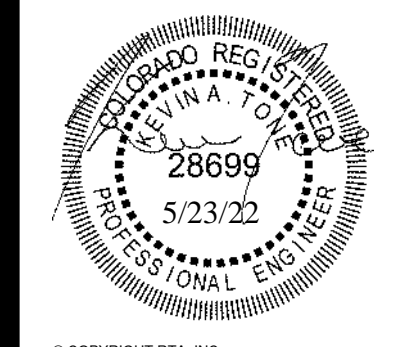
ISSUED FOR  
**CONSTRUCTION DOCUMENTS**  
 SHEET NO.  
**C3.3**



SCHEDULE NO: 430000117  
 DIOCESE OF COLORADO SPRINGS  
 12150 FALCON HWY  
 PEYTON CO 80831



**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



SHEET TITLE  
**HORIZONTAL CONTROL PLAN D**

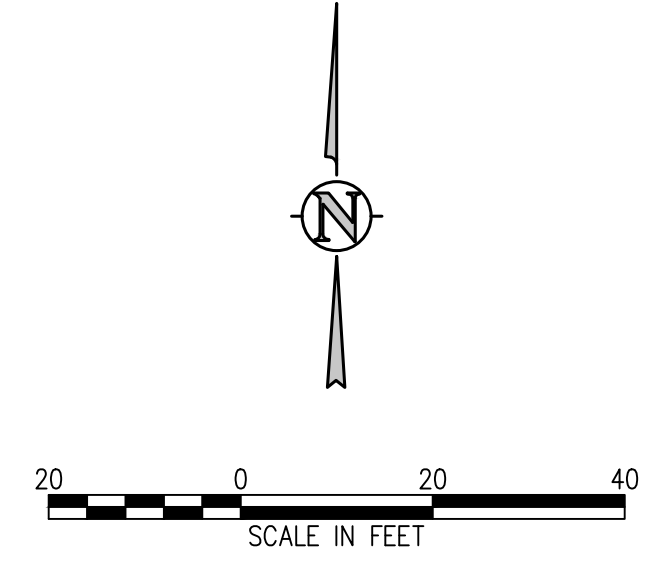
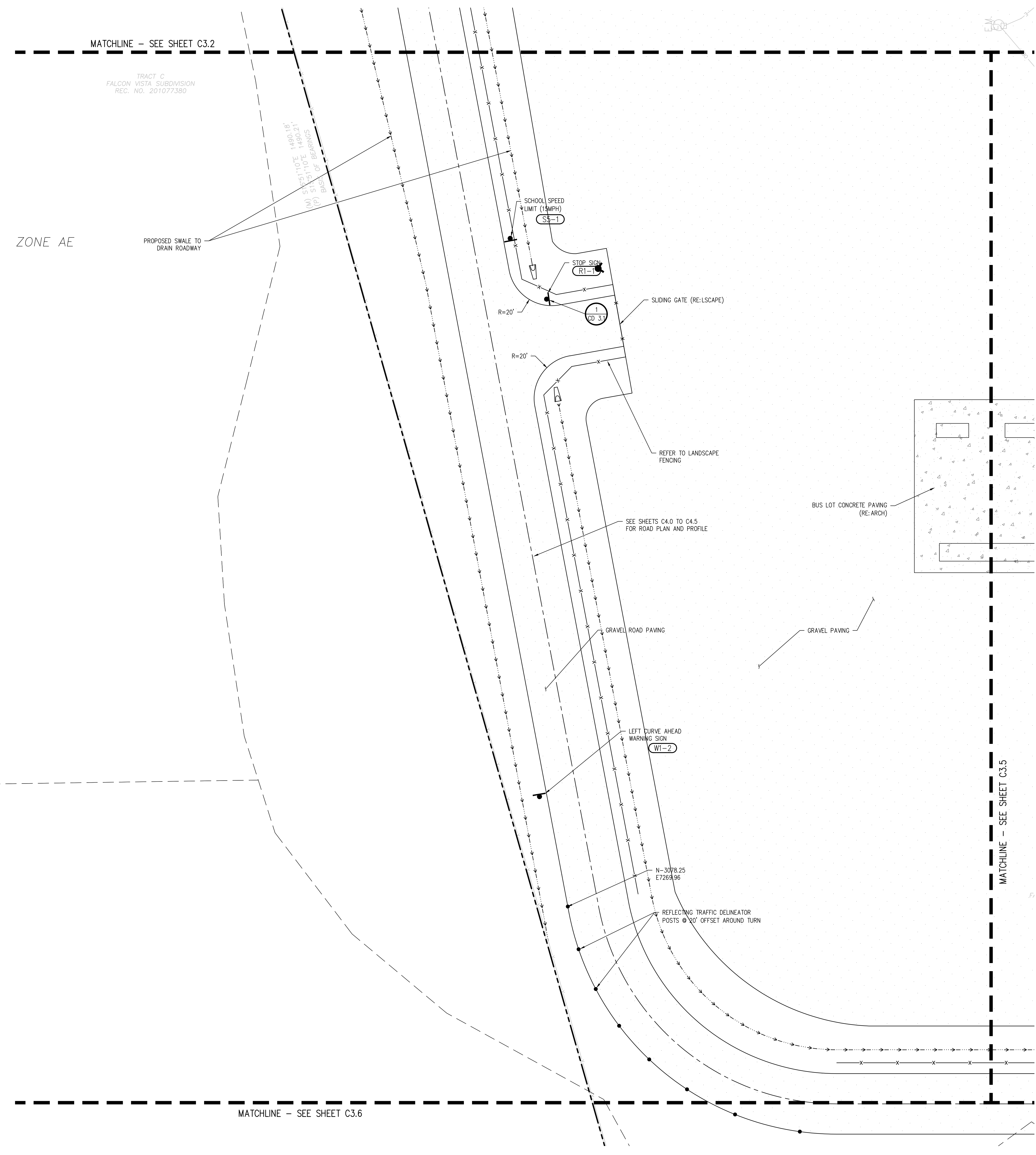
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**2021-041.00**  
DATE  
**05/23/2022**

REVISIONS

#	DATE	DESCRIPTION

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**CONSTRUCTION DOCUMENTS**  
SHEET NO.  
**C3.4**



**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
 11971 SWINGLINE ROAD  
 PEYTON, CO 80831



SHEET TITLE  
**HORIZONTAL CONTROL PLAN E**

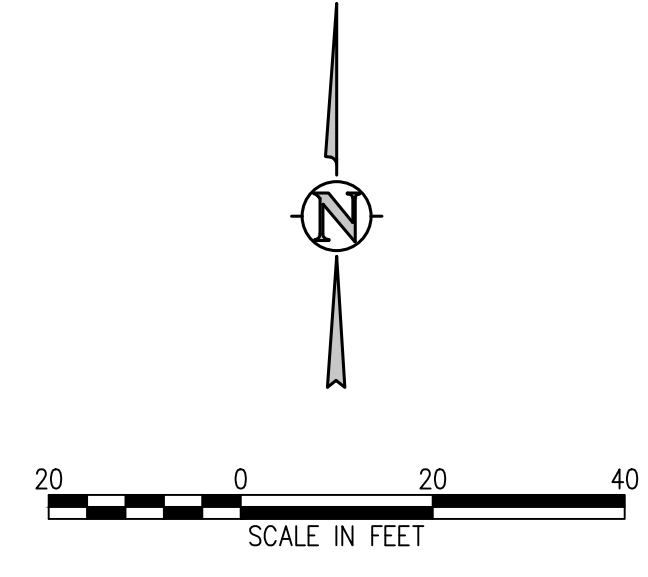
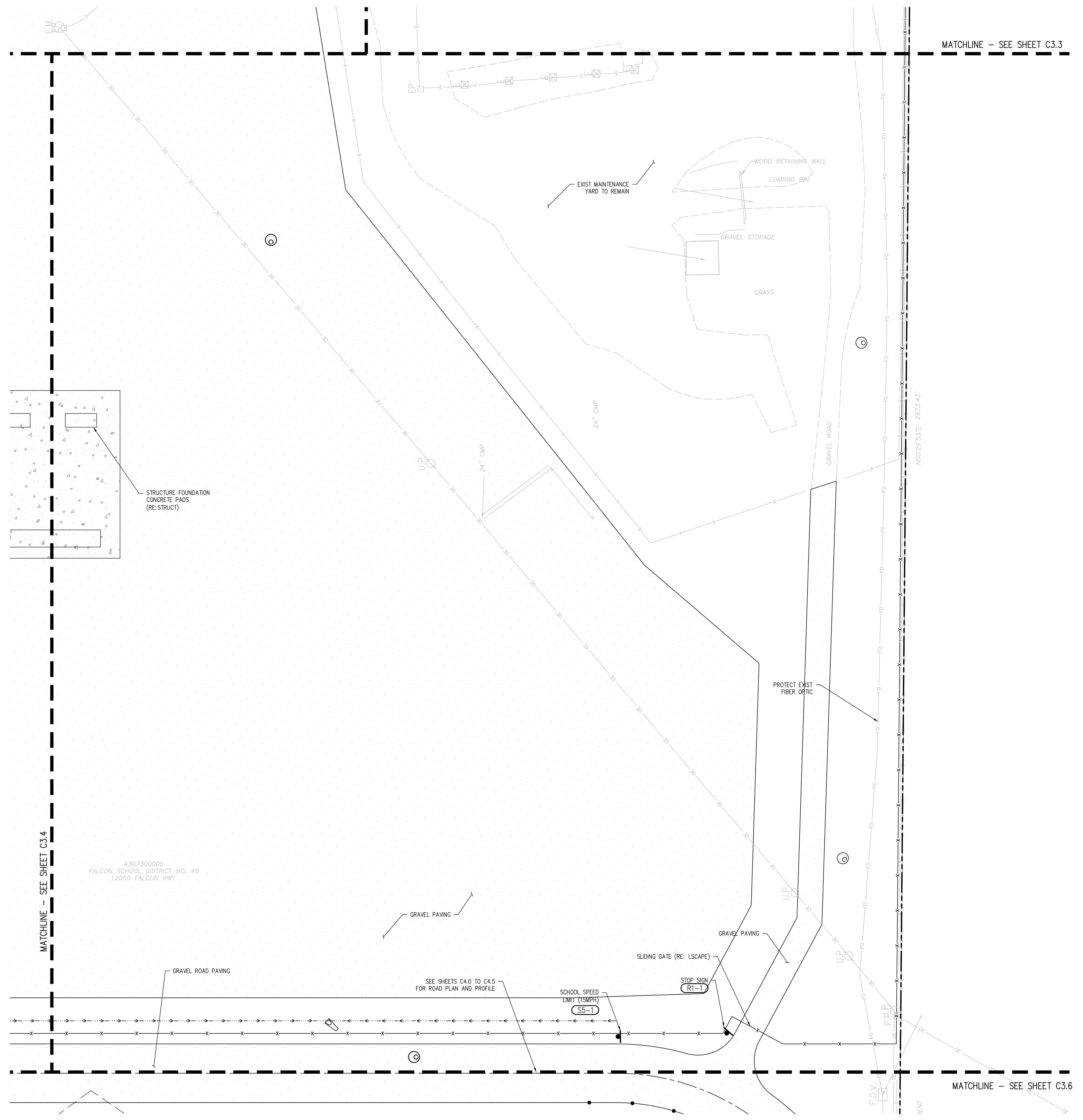
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**2021-041.00**  
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**05/23/2022**

#	DATE	DESCRIPTION

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 DRAWN BY: **TWW/AMB**  
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C3.5



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**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



SHEET TITLE  
**HORIZONTAL CONTROL PLAN F**

WTA PROJECT NUMBER  
**2021-041.00**

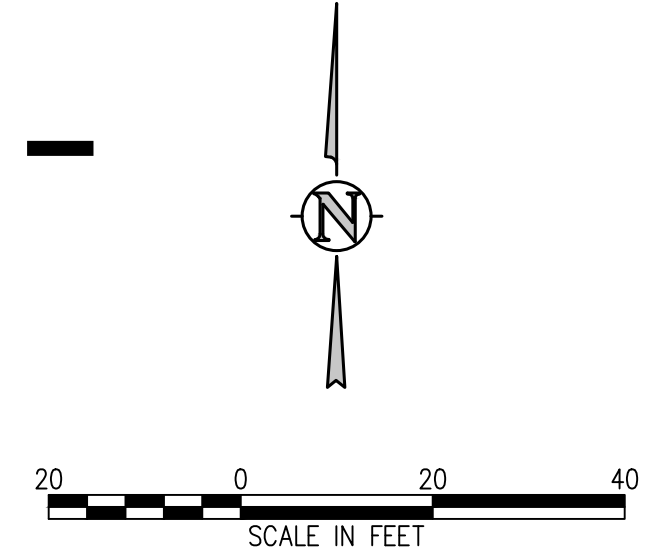
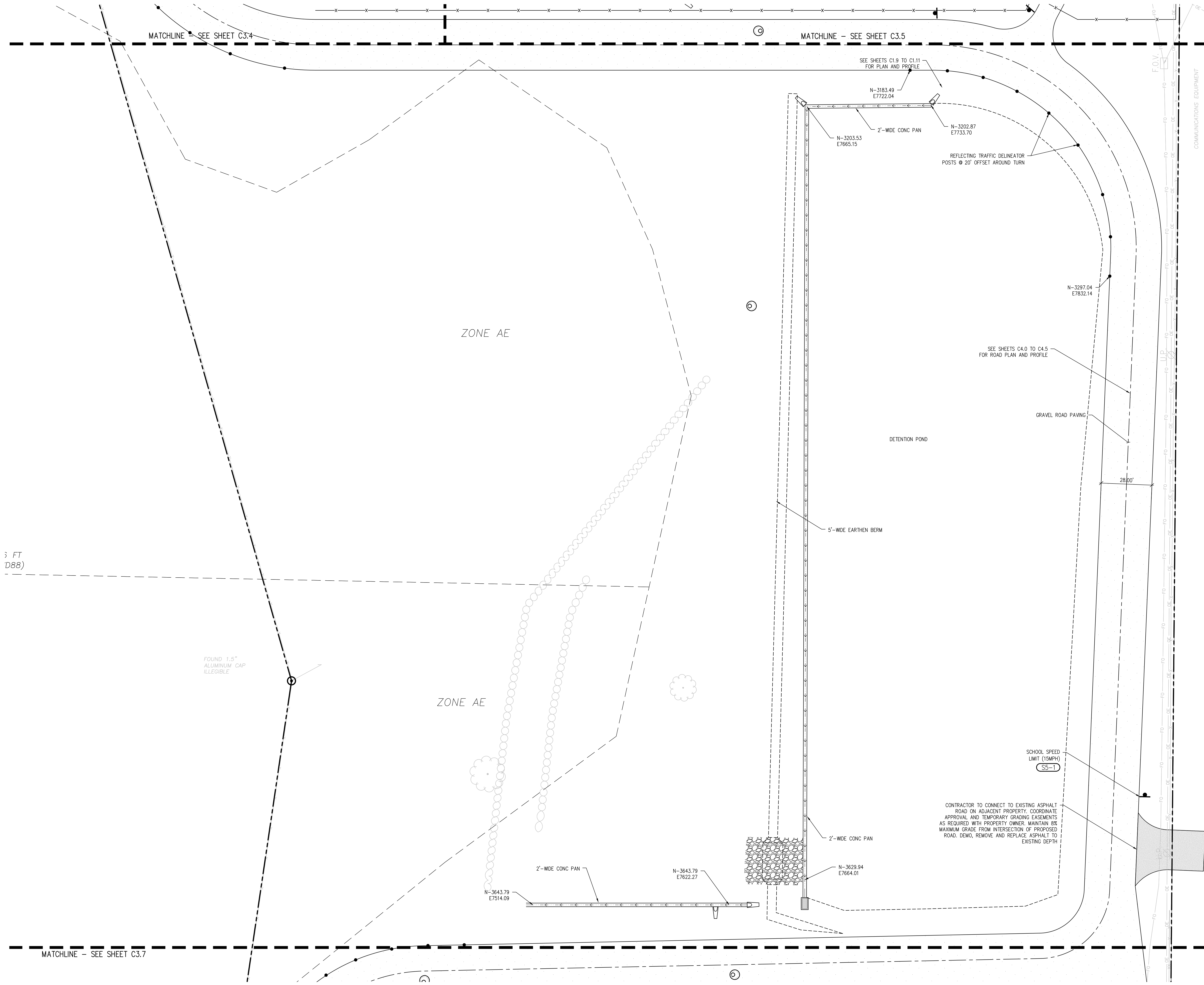
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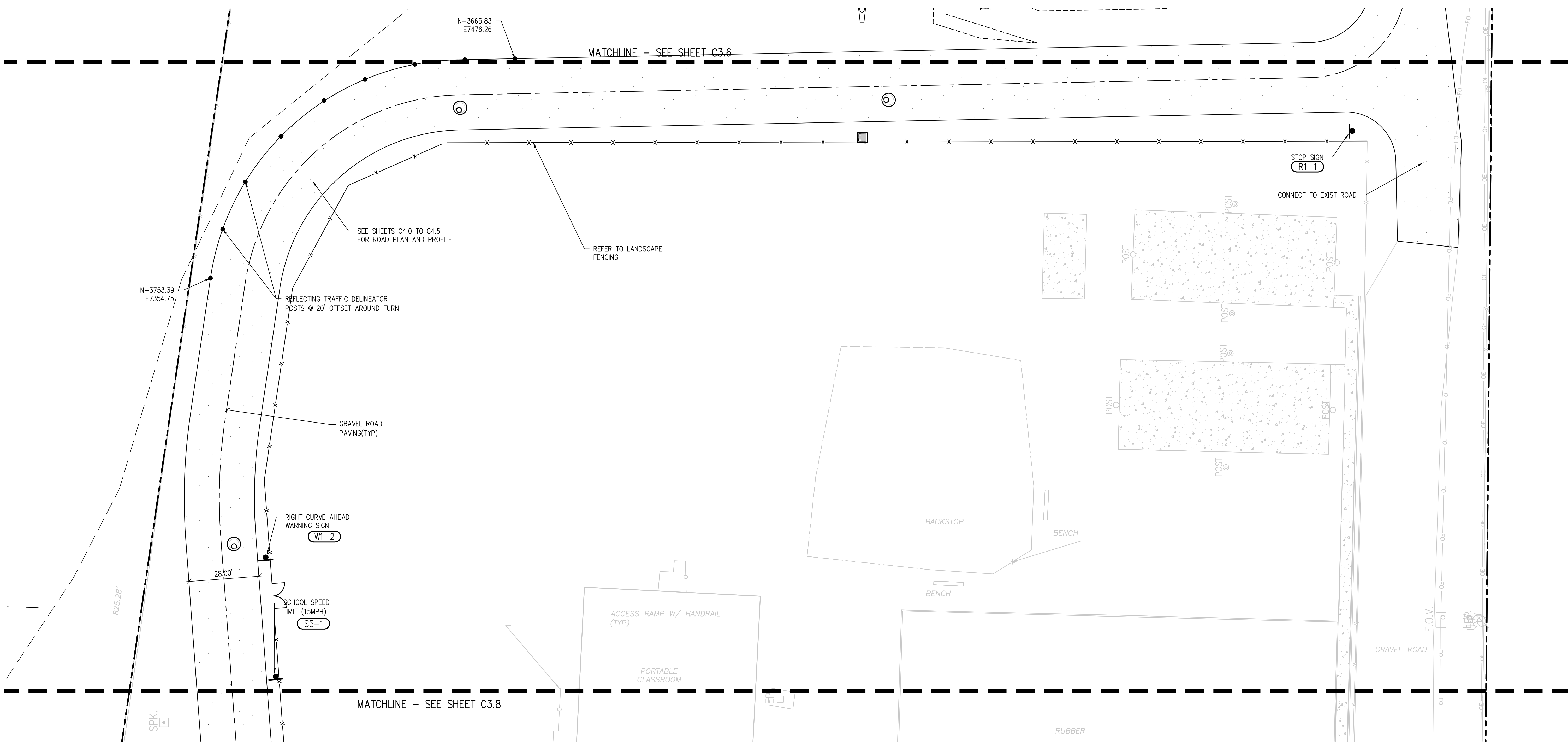
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DRAWN BY: **TWK/AMB**  
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**CONSTRUCTION DOCUMENTS**

C3.6



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**D49 TRANSPORTATION CENTER**  
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PEYTON, CO 80831



SHEET TITLE  
**HORIZONTAL CONTROL PLAN G**

WTA PROJECT NUMBER  
**2021-041.00**

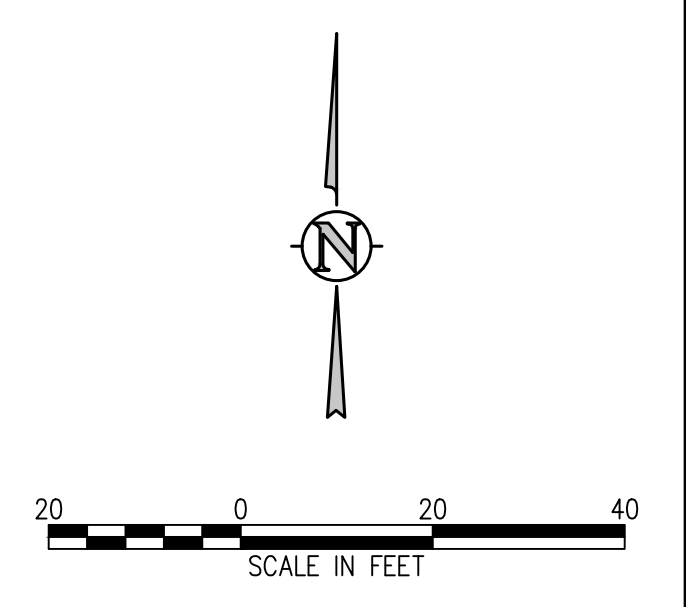
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**05/23/2022**

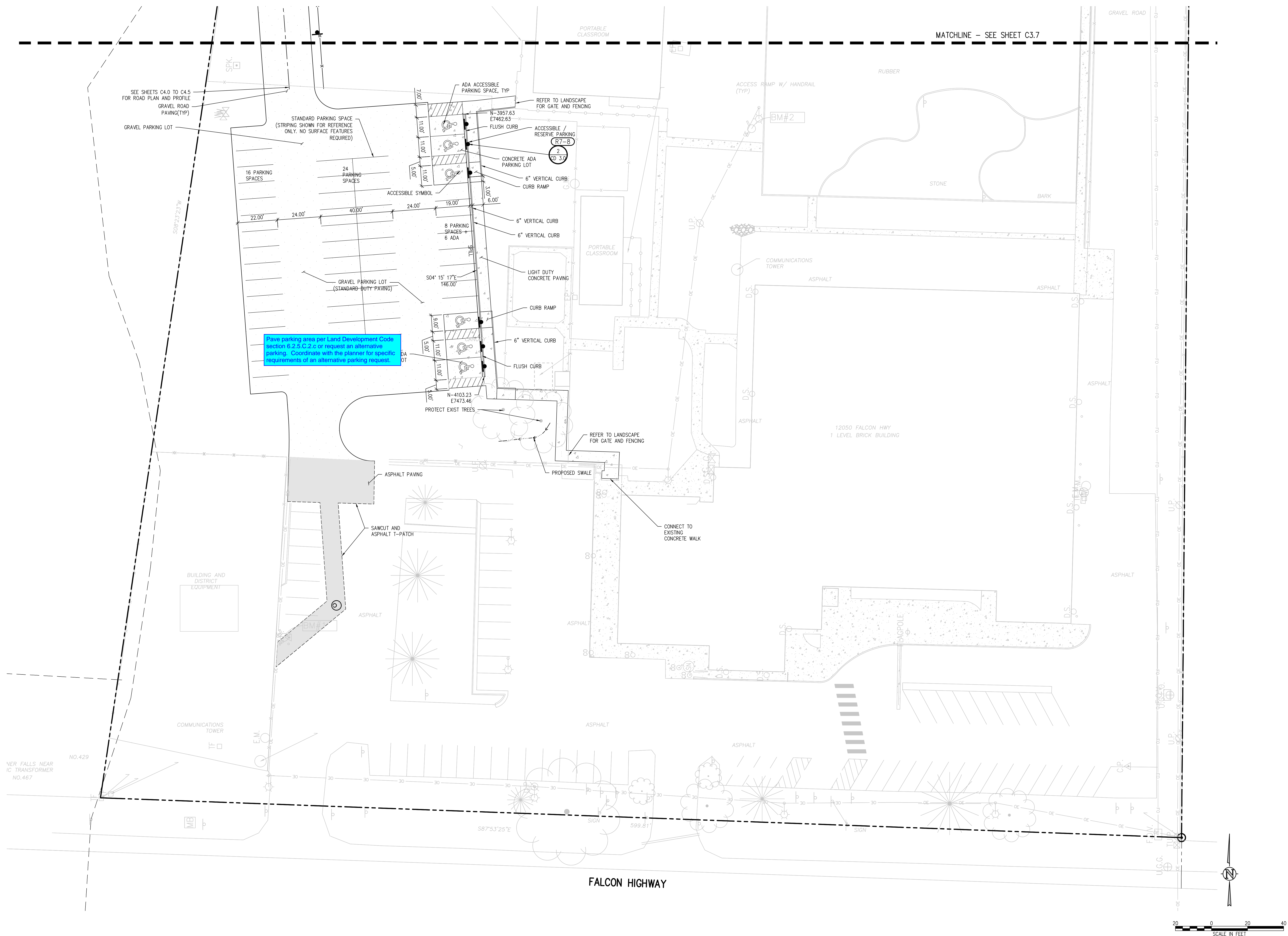
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DESIGNED BY: **CWK/HCM**  
DRAWN BY: **TWW/AMB**  
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ISSUED FOR  
**CONSTRUCTION DOCUMENTS**

**C3.7**





Pave parking area per Land Development Code section 6.2.5.C.2.c or request an alternative parking. Coordinate with the planner for specific requirements of an alternative parking request.

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**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



SHEET TITLE  
**HORIZONTAL CONTROL PLAN H**

DATE PROJECT NUMBER  
**2021-041.00**

DATE  
**05/23/2022**

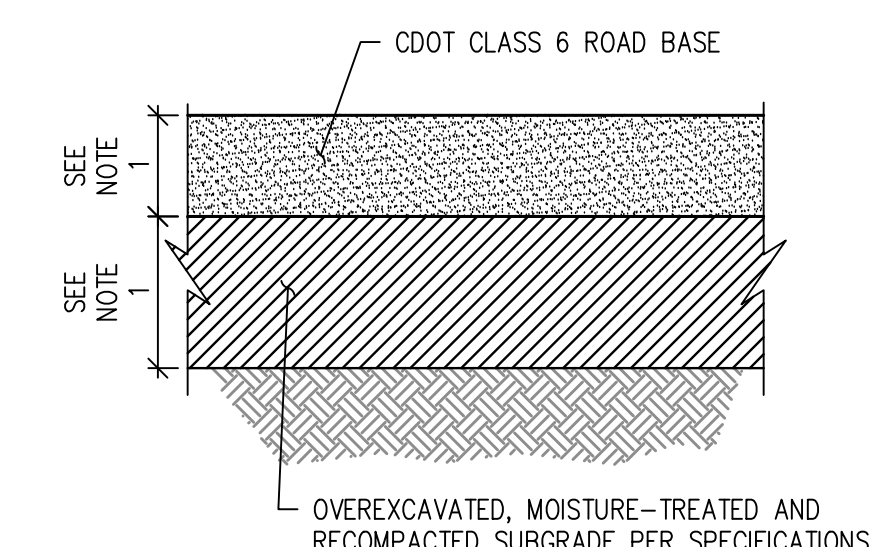
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DESIGNED BY: **CWK/HCM**  
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ISSUED FOR  
**CONSTRUCTION DOCUMENTS**

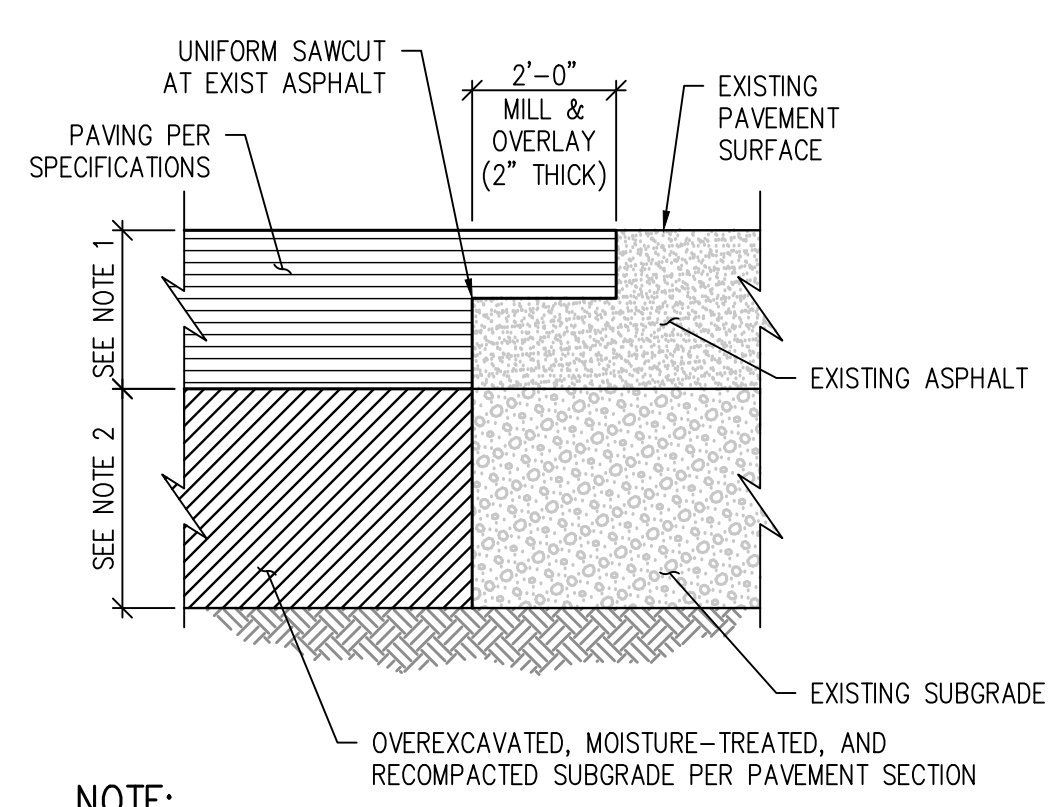
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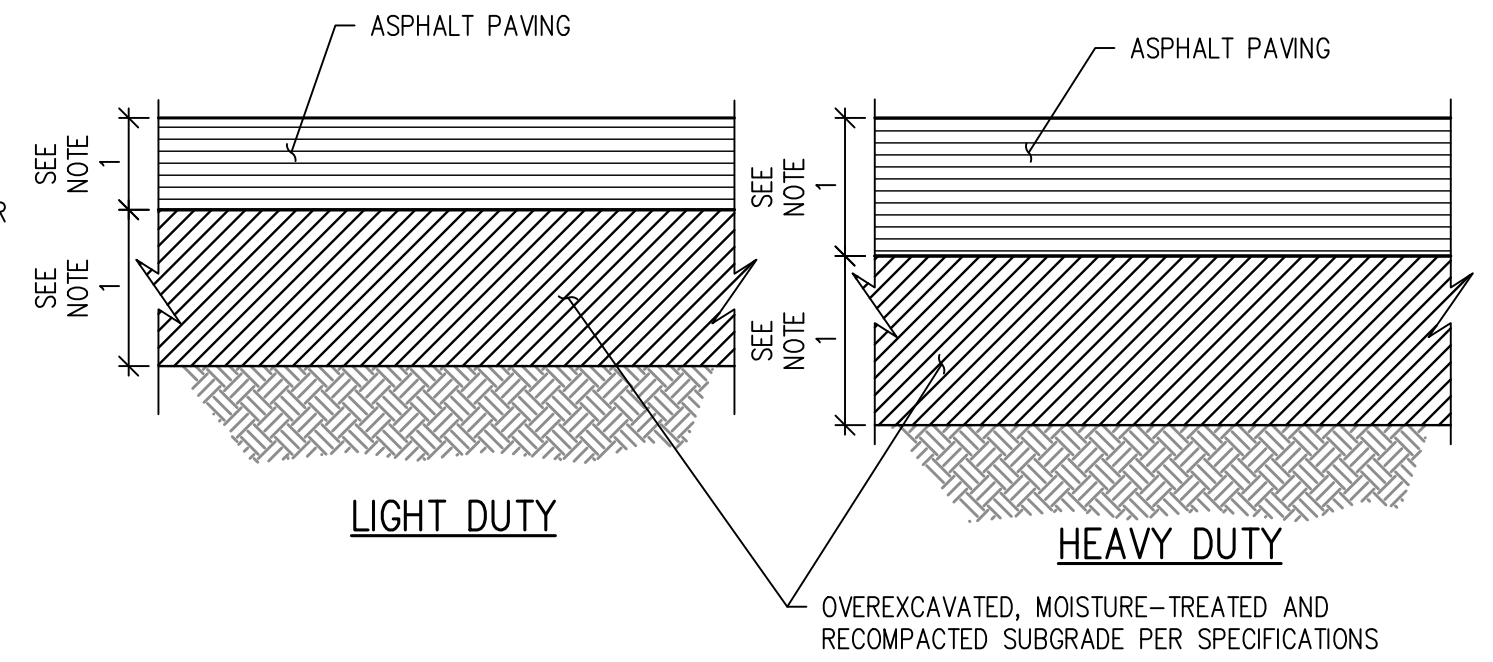
**NOTE:**  
1. REFER TO GEOTECHNICAL REPORT AND RECOMMENDATIONS FOR PAVEMENT SECTIONS INCLUDING PAVEMENTS AND SUBGRADE

**GRAVEL SECTION DETAIL**  
NTS



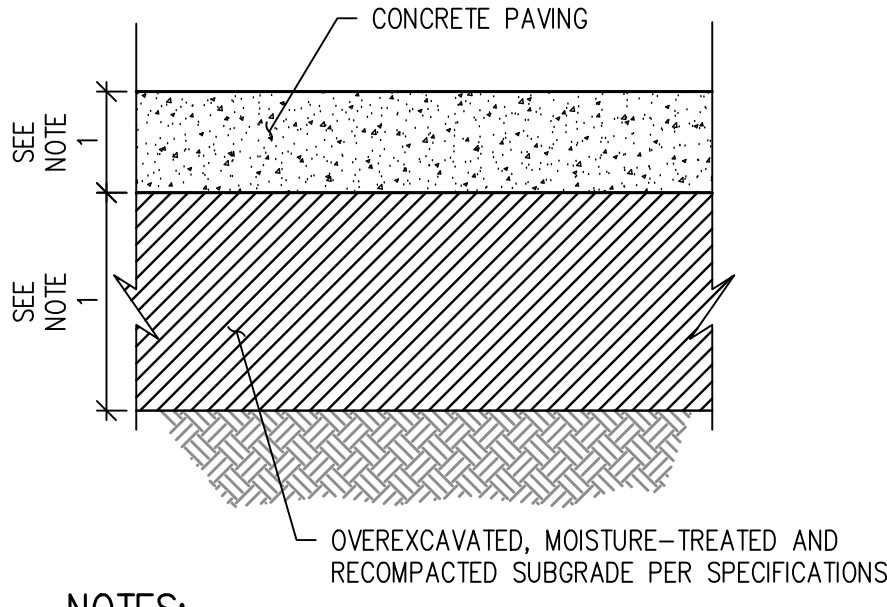
**NOTE:**  
1. MATCH EXISTING DEPTH +1"  
2. MATCH EXIST SUBGRADE DEPTH UNLESS OTHERWISE SPECIFIED  
3. APPLY TACKIFIER AT SAWCUT AND MILL PRIOR TO PAVING.

**ASPHALT "T" PATCH DETAIL**  
NTS



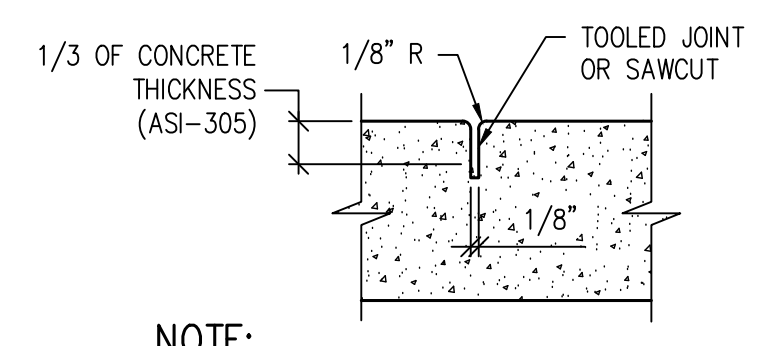
**NOTES:**  
1. REFER TO GEOTECHNICAL REPORT AND RECOMMENDATIONS FOR PAVEMENT SECTIONS INCLUDING PAVEMENTS AND SUBGRADE  
2. USE HEAVY DUTY ASPHALT SECTION FOR SERVICE DRIVES, ACCESS DRIVE LANES, & BUS LOOP  
3. USE LIGHT DUTY ASPHALT SECTION FOR CAR PARKING STALLS.

**FULL DEPTH ASPHALT PAVEMENT SECTION DETAIL**  
NTS



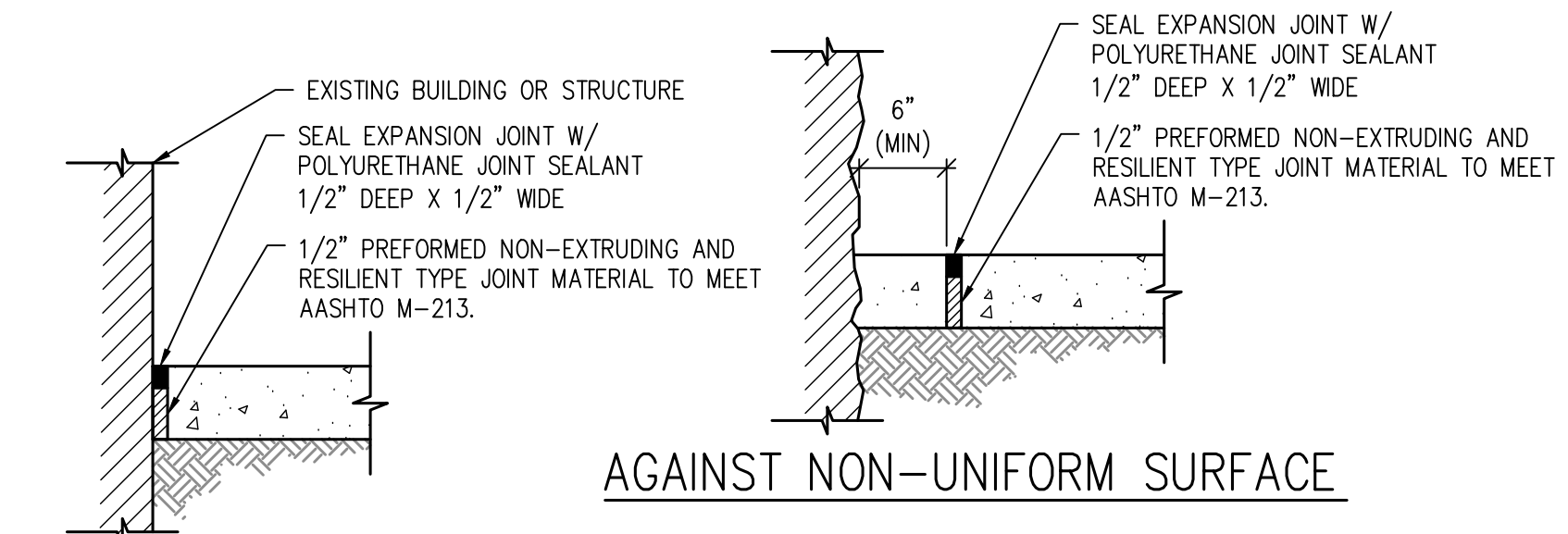
**NOTES:**  
1. REFER TO GEOTECHNICAL REPORT AND RECOMMENDATIONS FOR PAVEMENT SECTIONS INCLUDING PAVEMENTS AND SUBGRADE  
2. SEE SPECIFICATIONS FOR REINFORCEMENT REQUIREMENTS.  
3. SEE CONTRACTION JOINT AND EXPANSION JOINT DETAILS.

**CONCRETE PAVEMENT SECTION DETAIL**  
NTS



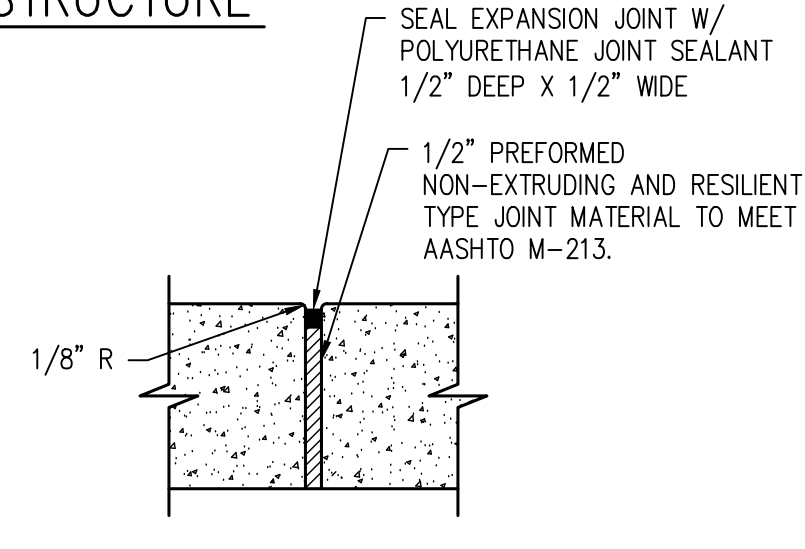
**NOTE:**  
CONTRACTION JOINTS AT 10' INTERVAL.

**CONTRACTION JOINT DETAIL**  
NTS  
REV DATE: 01/2018



**AGAINST STRUCTURE**

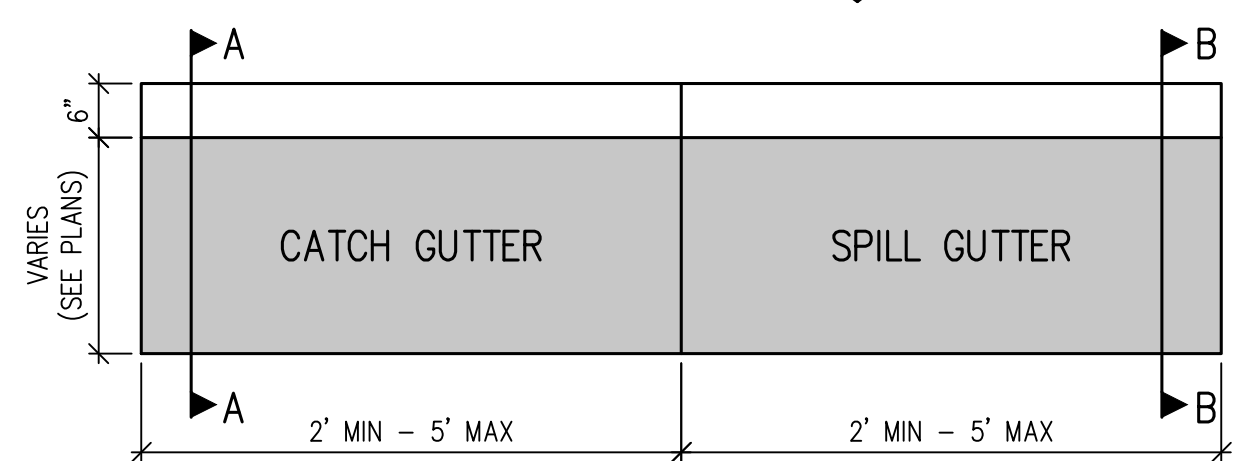
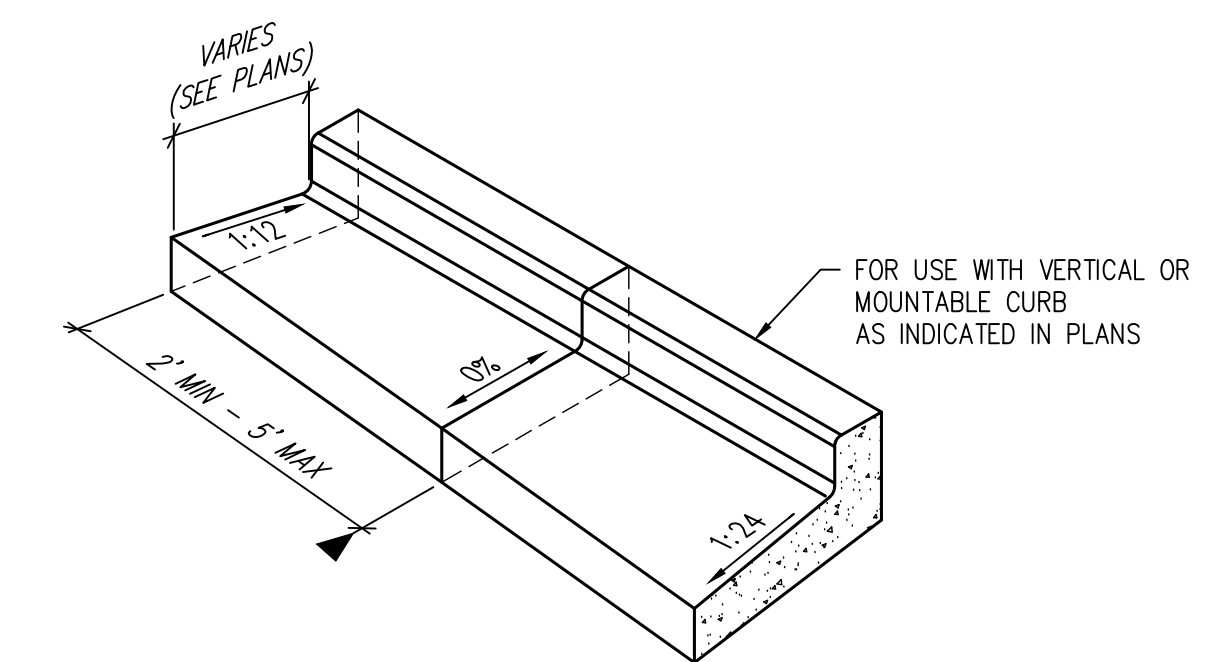
**AGAINST NON-UNIFORM SURFACE**



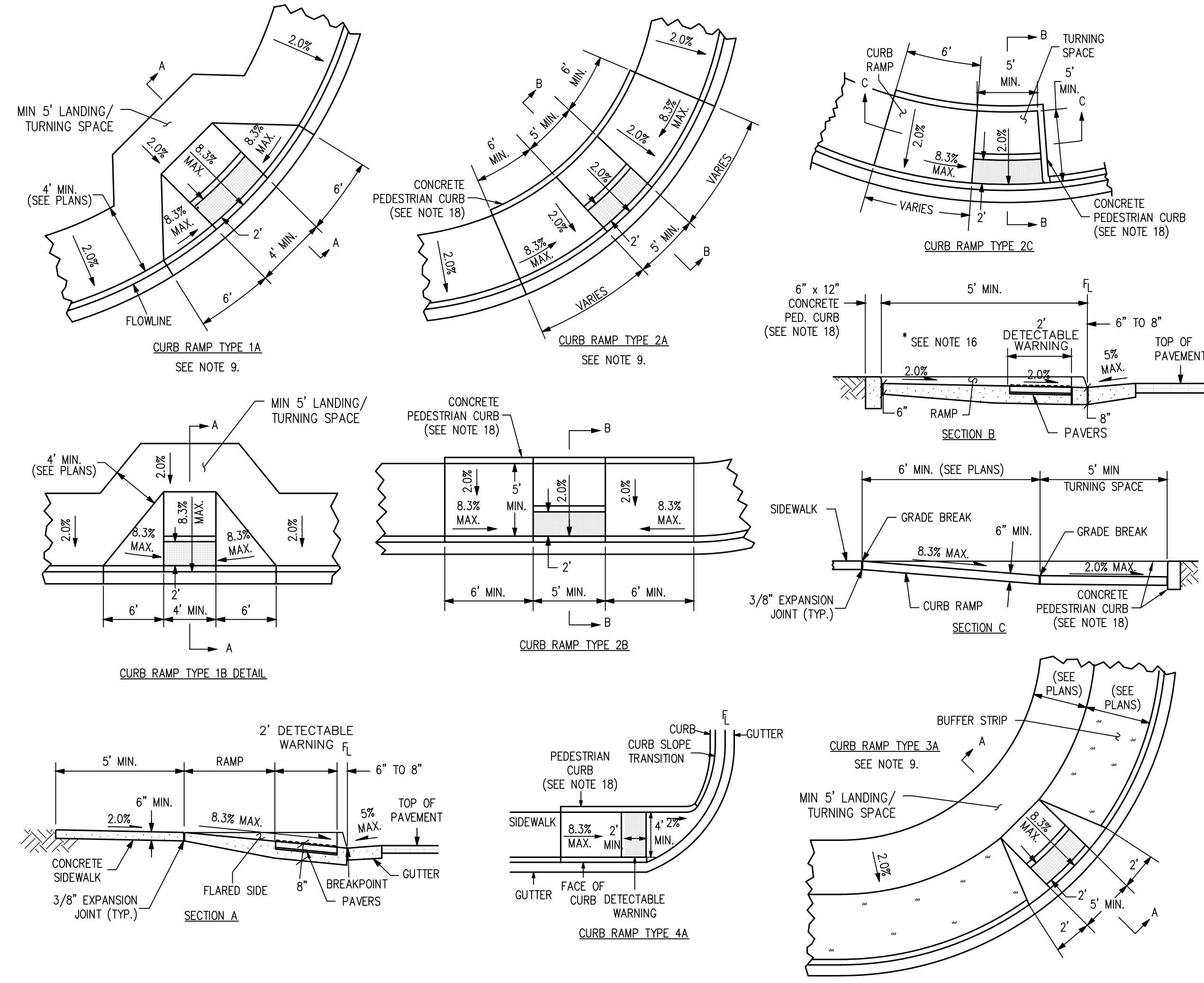
**SIDEWALK**

**NOTES:**  
1. EXPANSION JOINTS EVERY 100' MAX AND WHEREVER SIDEWALK ABUTS EXISTING & PROPOSED CONCRETE STRUCTURES (TYP) - SEE PLAN  
2. REMOVE PLASTIC FORMING MATERIAL ("ZIP STRIPS") FROM PREFORMED JOINT MATERIAL PRIOR TO PLACING SEALANT

**EXPANSION JOINT DETAIL**  
NTS

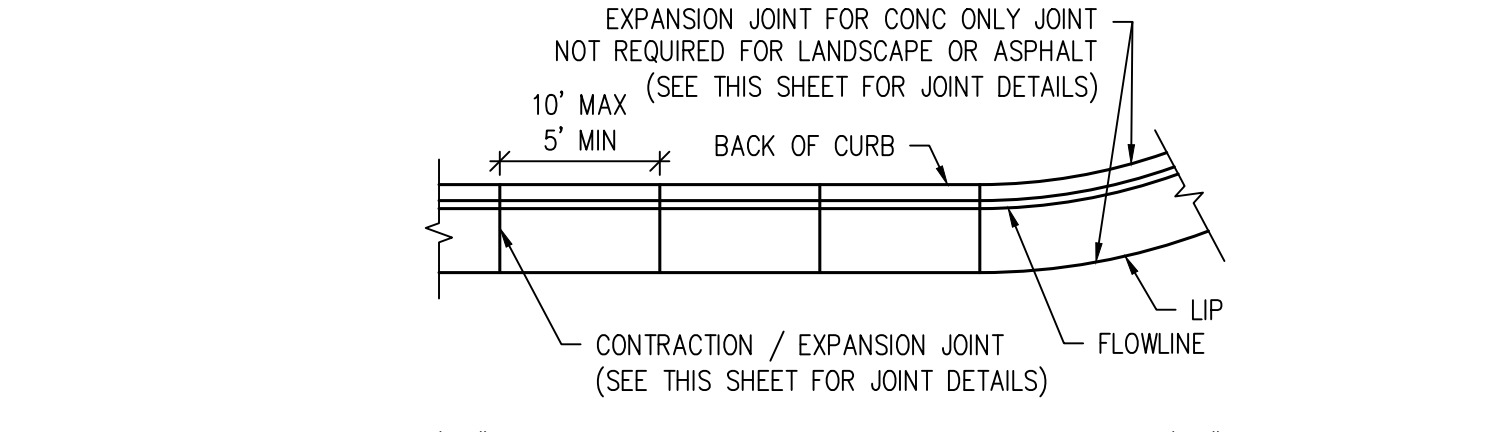


**GUTTER CATCH SPILL TRANSITION DETAIL**  
NTS

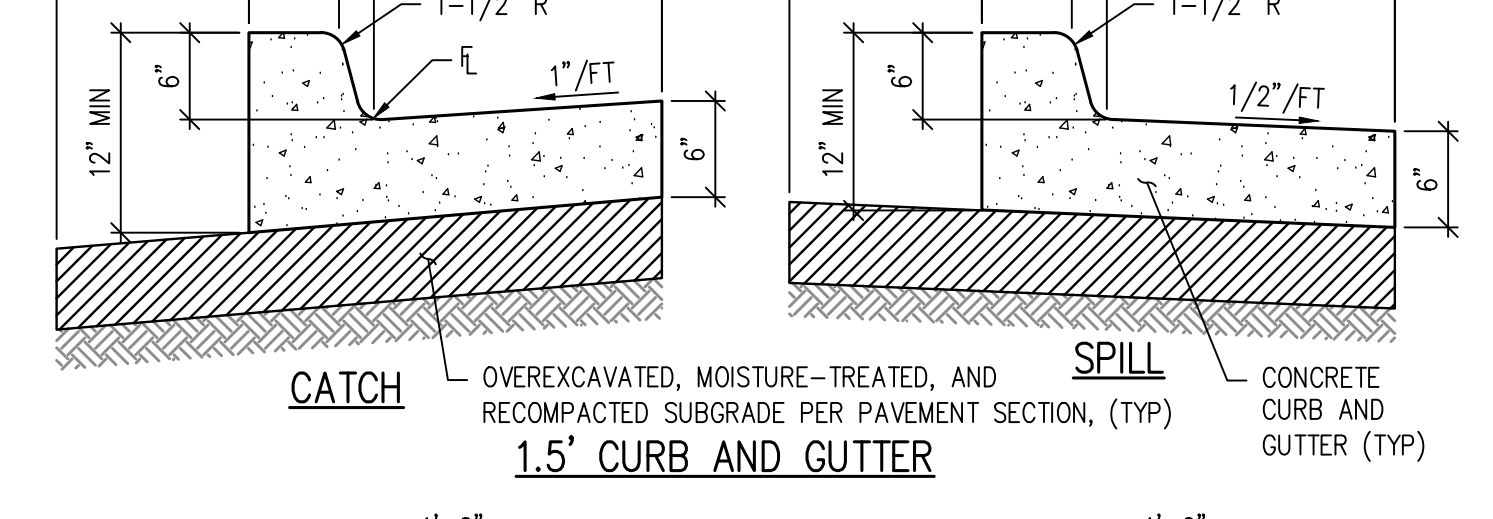


**CURB RAMP DETAIL**  
NTS

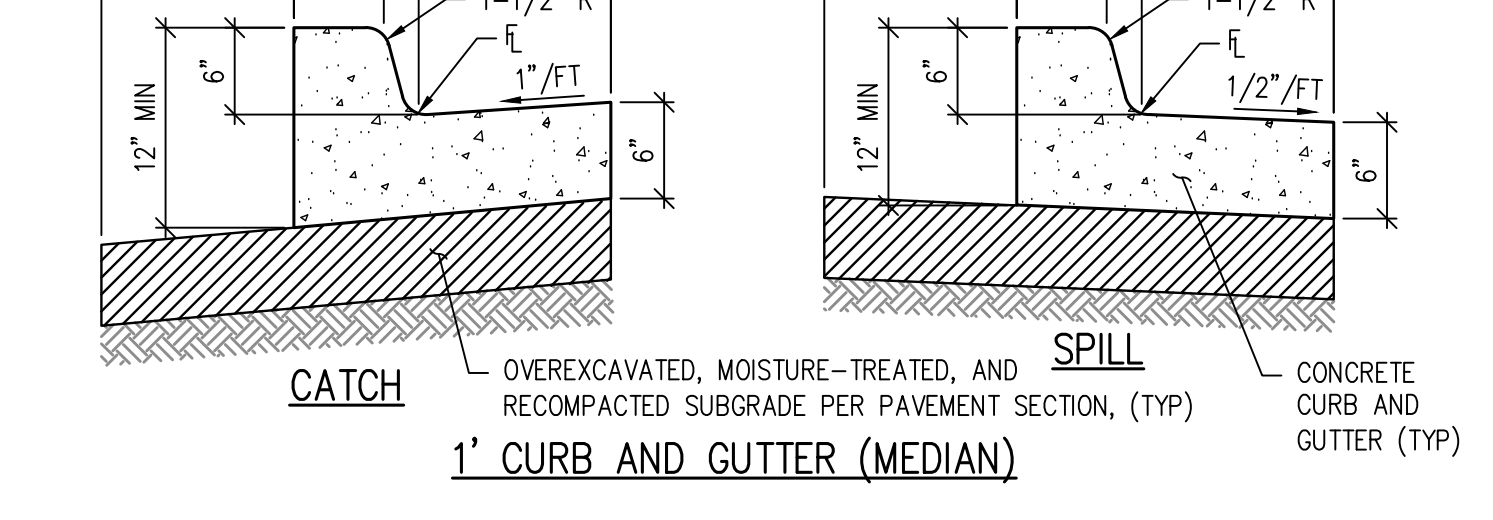
- NOTES:**
- ALL DETECTABLE WARNING SURFACES SHALL BE INSTALLED AT SIDEWALK TO STREET TRANSITIONS. THEY SHALL HAVE A TRUNCATED DOME SURFACE. THE DOMES SHALL BE IN A SQUARE GRID PATTERN AND ALIGNED WITH PEDESTRIAN TRAFFIC. THE DETECTABLE WARNINGS SHALL BE CONTRASTING COLOR TO THE SURROUNDING SIDEWALK.
  - ALL DETECTABLE WARNING SURFACES SHALL START A MINIMUM OF 6 INCHES FROM THE FLOWLINE OF THE CURB AND NOT BE MORE THAN A MAXIMUM OF 8 INCHES FROM ANY POINT ON THE FLOWLINE OF THE CURB, WITH EXCEPTION FOR TYPES 1B MODIFIED AND 3B MODIFIED CURB RAMPS AS THIS DIMENSION MAY BE GREATER THAN 8 INCHES ON ONE SIDE OF THE RADIUS.
  - THE RAMP SLOPE AND DETECTABLE WARNING SURFACE SHALL BE 8.3% OR FLATTER.
  - RAMP SLOPE MAY NOT EXCEED 8.3% CROSS SLOPE MAY NOT EXCEED 2.0% MAXIMUM SLOPES MAY NOT BE EXCEEDED REGARDLESS OF TOLERANCES, EXCEEDING THE MAXIMUM SLOPE WILL NOT BE ACCEPTED. ADJUST ALL DIMENSIONS PER PLAN.
  - THE MINIMUM WIDTH FOR SIDEWALK IS 4 FEET.
  - DRAINAGE STRUCTURES, TRAFFIC SIGNAL EQUIPMENT, OR OTHER OBSTRUCTIONS SHALL NOT BE INSTALLED IN THE CURB RAMP OR TURNING SPACE AREAS.
  - CONSTRUCTION OF THE CONCRETE PEDESTRIAN CURB SHALL BE INCLUDED IN THE BID PRICE OF THE CONCRETE CURB RAMP.
  - IF THE PLACEMENT OF THE PEDESTRIAN PUSH BUTTON ASSEMBLY ON A TRAFFIC SIGNAL MAST POLE WILL NOT BE WITHIN EASY REACH (10 INCHES OR LESS AND UNOBSTRUCTED) OF ALL PEDESTRIANS (IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT), THEN A SEPARATE PEDESTRIAN PUSH BUTTON POST ASSEMBLY (PPBPA) SHALL BE INSTALLED WITHIN ADA REACH RANGES. THE PPBPA SHALL MEET THE PROVISIONS FOUND IN "SECTION 4E.08 THROUGH 4E.13 - PEDESTRIAN DETECTORS" OF THE 2009 MUTCD MANUAL WITH REVISIONS 1 AND 2.
  - DIAGONAL CURB RAMPS (ON THE APEX) ARE NOT PERMITTED IN NEW CONSTRUCTION. A SINGLE DIAGONAL CURB RAMP (ON THE APEX) WILL ONLY BE PERMITTED DURING RECONSTRUCTION OR ALTERATION WHERE PHYSICAL OR SITE CONSTRAINTS PREVENT TWO CURB RAMPS FROM BEING INSTALLED. THE ENGINEER SHALL PROVIDE APPROVED JUSTIFICATION DOCUMENTATION (CDOT CURB RAMP DESIGN VARIANCE REQUEST FORM) FOR CDOT PROJECTS. ALL CURB RAMPS INSTALLED ON THE APEX MUST MEET THE STANDARDS AS DEFINED IN M-608-1.
  - CURB RAMPS (EXCLUDING FLARED SIDES OR BLENDED TRANSITIONS) SHALL BE WHOLLY CONTAINED WITHIN THE WIDTH OF THE CROSSWALK AND/OR THE PEDESTRIAN STREET CROSSING THEY SERVE.
  - ALL CURB RAMP JOINTS AND GRADE BREAKS SHALL BE FLUSH (0" - 1/8"). THE JOINT BETWEEN THE ROADWAY SURFACE AND GUTTER PAN SHALL BE FLUSH.
  - THE CONTRACTOR SHALL VERIFY REMOVAL LIMITS ARE SUFFICIENT TO PROVIDE POSITIVE DRAINAGE, MAINTAIN EXISTING DRAINAGE PATTERNS, AND AVOID PONDING IN THE FINAL CONFIGURATION.
  - TO AVOID CHASING GRADE INDEFINITELY WHEN TRAVERSING THE HEIGHT OF CURB, THE RAMP LENGTH SHALL NOT EXCEED 15 FEET. ADJUST THE RAMP SLOPE AS NEEDED TO PROVIDE ACCESS TO THE MAXIMUM EXTENT TECHNICALLY FEASIBLE.
  - THE CHANGE IN GRADE AT THE BOTTOM OF THE CURB RAMP AND ADJOINING ROAD SURFACE SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 13.33%. THE COUNTER SLOPE OF THE GUTTER OR ROAD AT THE FOOT OF A CURB RAMP, TURNING SPACE, OR BLENDED TRANSITION SHALL NOT EXCEED 5.0%.
  - FLARED SIDE SLOPES MAY EXCEED 10% ONLY WHERE THEY ABUT A NON-WALKABLE SURFACE OR THE ADJACENT CIRCULATION PATH IS BLOCKED.
  - THE STANDARD TURNING SPACE IS 5 FEET BY 5 FEET.
  - CURB RAMP TYPE 1B, 2B, AND 3B MAY BE USED IN MID-BLOCK.
  - THE PEDESTRIAN CURB IS REQUIRED UNLESS OTHERWISE SPECIFIED.
  - FOR FULL DETAIL INCLUDING BAR LIST AND DIMENSION TABLE, SEE CDOT DETAIL M-604-1 SHEETS 1 THROUGH 10.
  - REFER TO PLANS, DETAILS AND SPECIFICATIONS FOR FLATWORK INFORMATION, SUBGRADE PREPARATION, WALK WIDTHS, CONCRETE THICKNESS, ETC.



**1.5' CURB AND GUTTER**



**1' CURB AND GUTTER (MEDIAN)**



**PRIVATE CURB AND GUTTER DETAIL**  
NTS

Identify this is internal to the site for private improvements.  
Public improvements shall reference County standard details.



**HORIZONTAL CONTROL DETAILS**

DATE PROJECT NUMBER  
**2021-041.00**

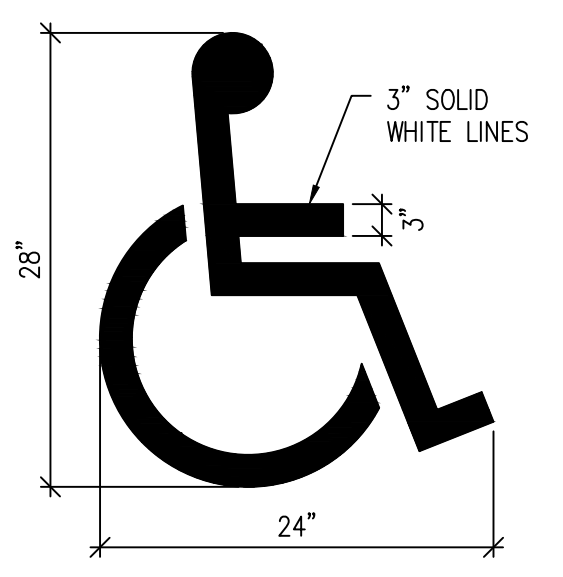
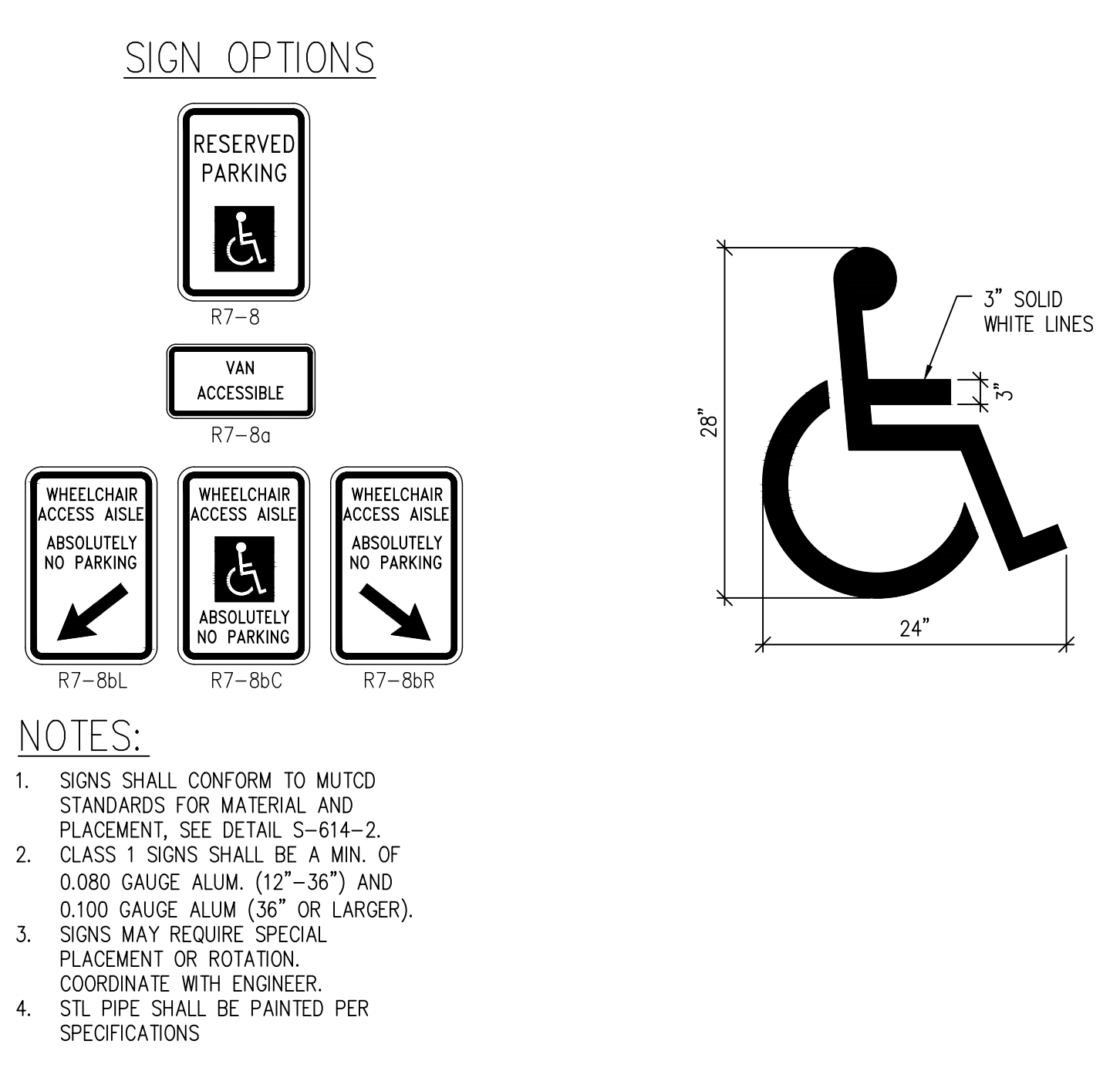
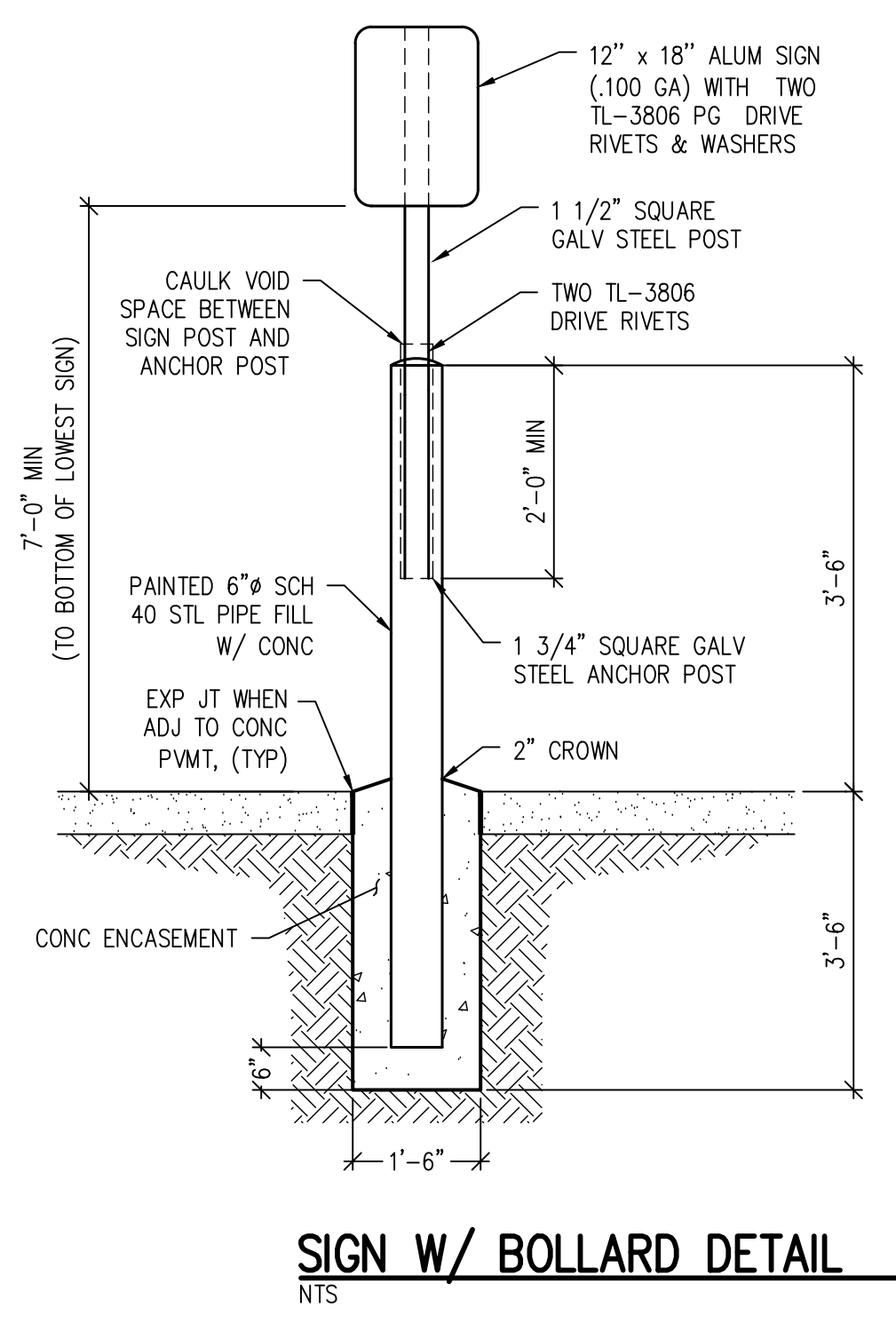
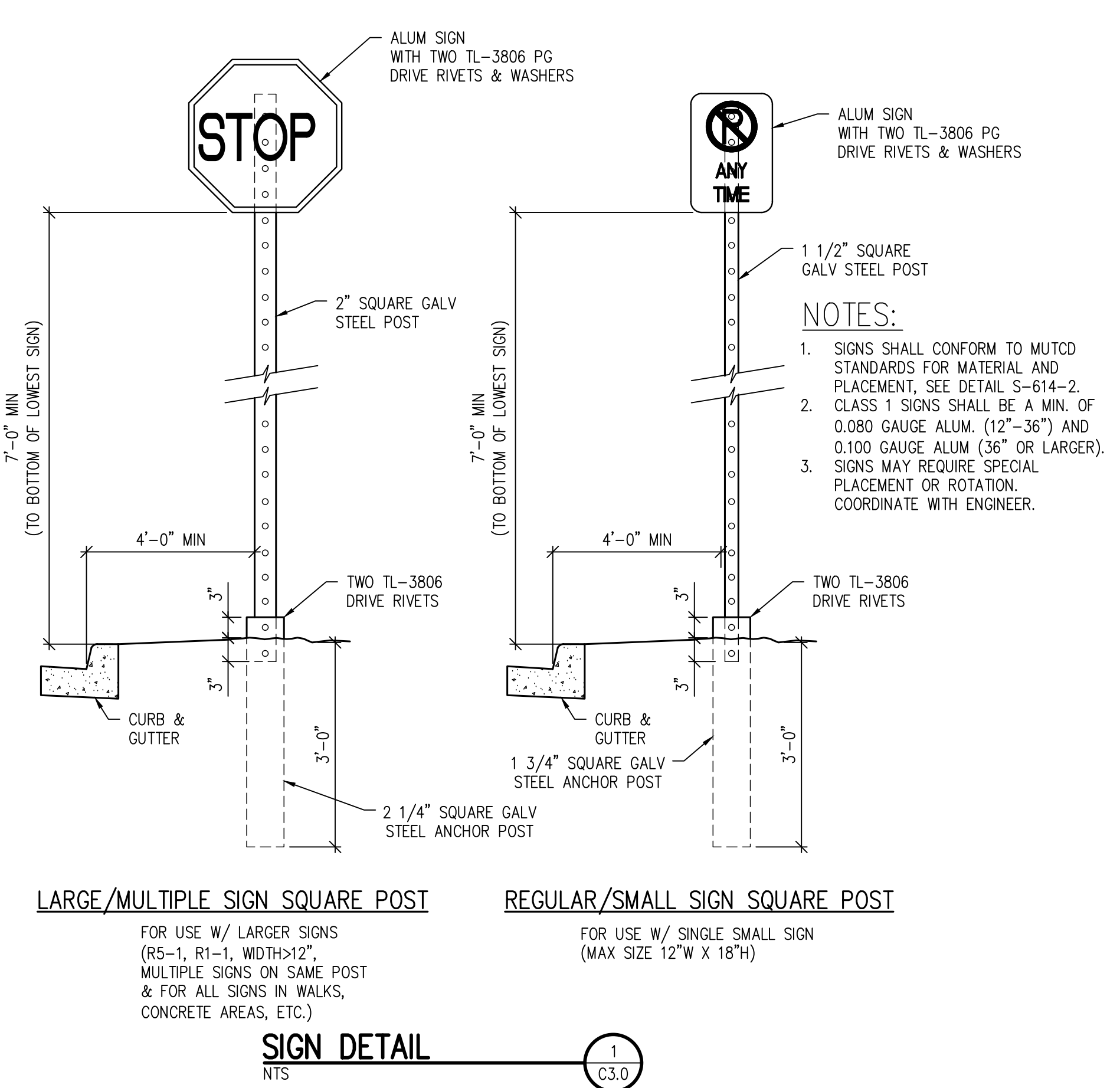
DATE REVISIONS  
**05/23/2022**

DATE DESCRIPTION

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DRAWN BY	TWK/AMB
CHECKED BY	CWK

ISSUED FOR CONSTRUCTION DOCUMENTS  
CD3.0





Include applicable EPC Engineering Criteria Manual details for the improvements within Swingline Rd ROW.  
 SD 2-20  
 SD 2-40  
 SD 2-41  
 SD 2-42  
 Check Appendix F if there are any other applicable details.

**D49 TRANSPORTATION CENTER**  
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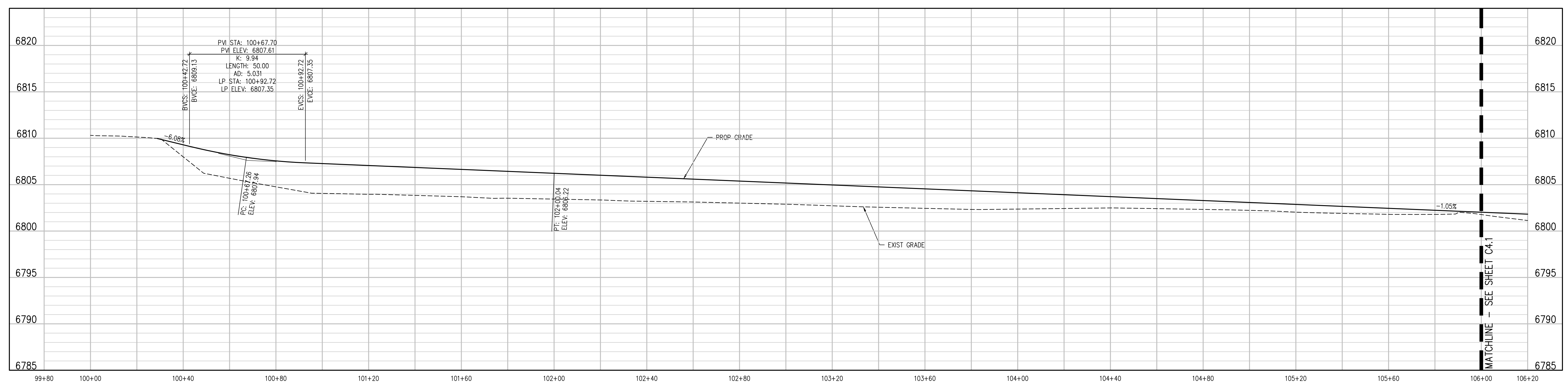
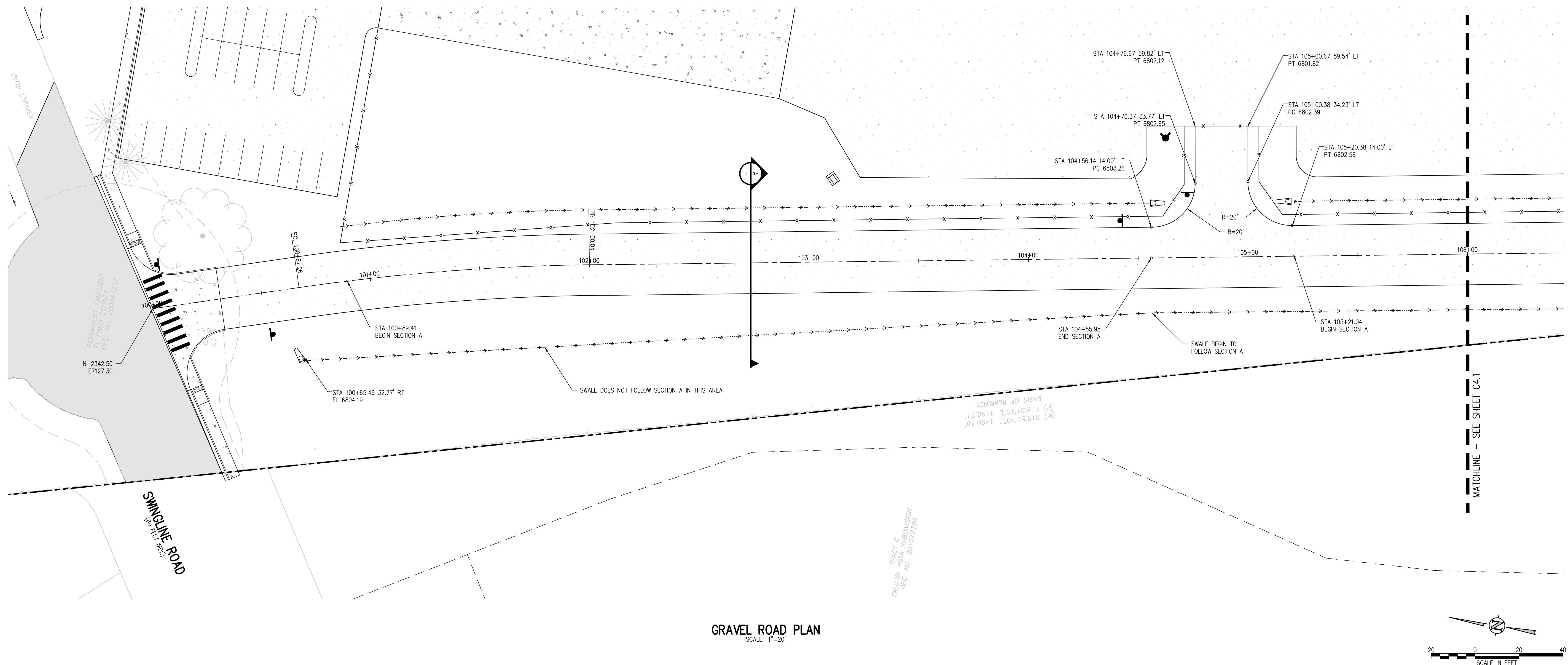
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**HORIZONTAL CONTROL DETAILS**

RTA PROJECT NUMBER  
**2021-041.00**  
 DATE  
**05/23/2022**

#	DATE	DESCRIPTION

DESIGN APPROVAL: **CWK/HCM**  
 DRAWN BY: **TWK/AMB**  
 CHECKED BY: **CWK**

ISSUED FOR  
**CONSTRUCTION DOCUMENTS**  
 SHEET NO.  
**CD3.1**



**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



SHEET TITLE  
**GRAVEL ROAD  
PLAN AND  
PROFILE**

WTA PROJECT NUMBER  
**2021-041.00**  
DATE  
**05/23/2022**

REVISIONS

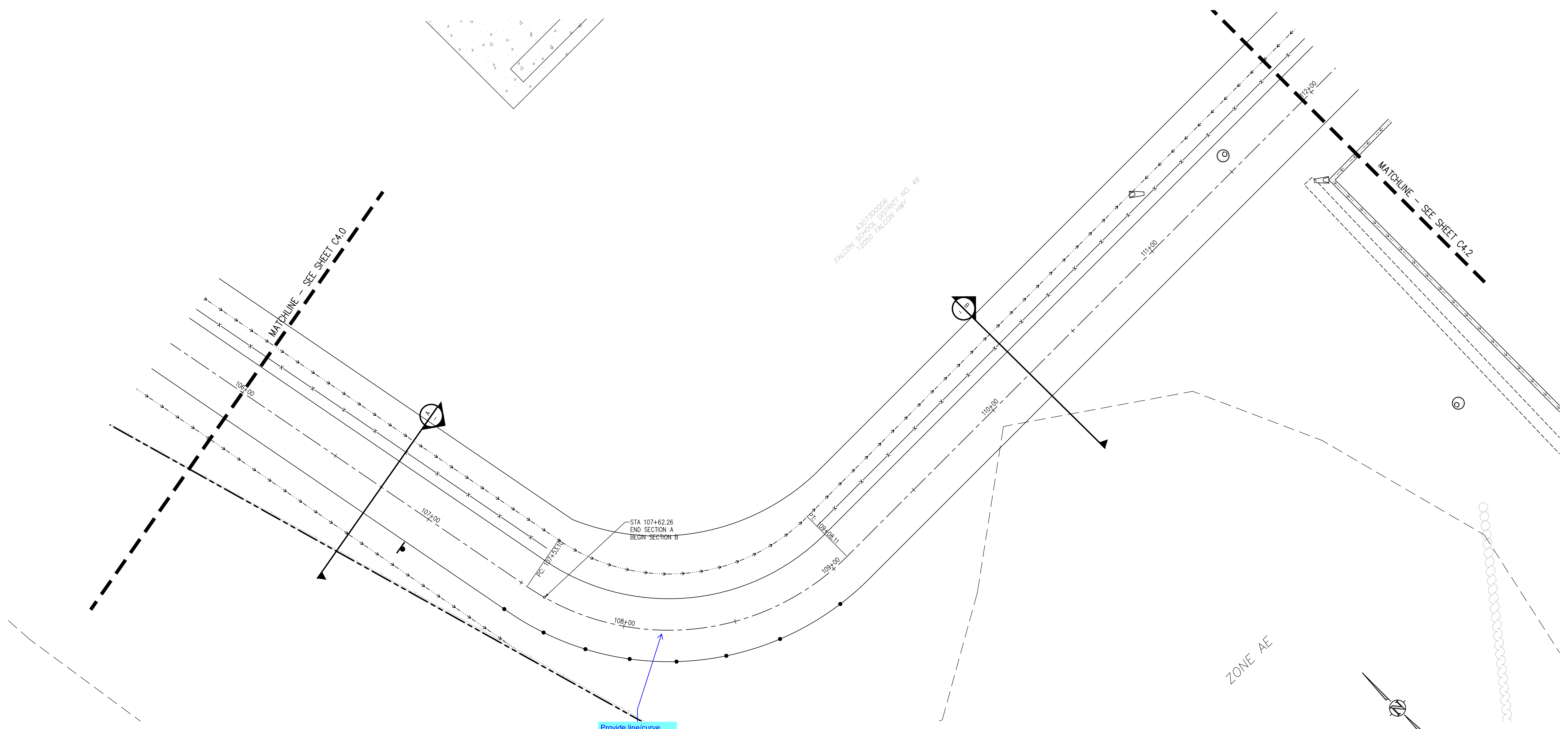
#	DATE	DESCRIPTION

DESIGNED BY: **CWK/HCM**  
CHECKED BY: **TWK/AMB**  
DATE: **CWK**

ISSUED FOR  
**CONSTRUCTION  
DOCUMENTS**

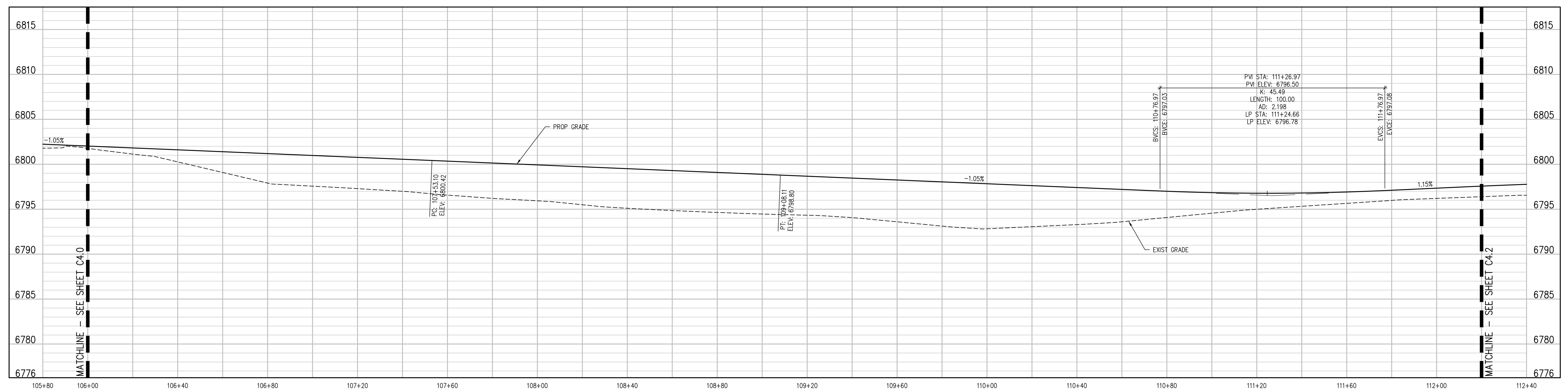
C4.0

J:\MS6\Drawings\MS6-04-STB-PWP-01.dwg, 6/07/2022, 11:43 AM, AMB



Provide line/curve data for the centerline alignment. (bearings, distance, radius, delta, etc.)

**GRAVEL ROAD PLAN**  
SCALE: 1"=20'



**GRAVEL ROAD PROFILE**  
SCALE: 1"=20' HORIZ  
1"=4' VERT



SHEET TITLE  
**GRAVEL ROAD PLAN AND PROFILE**

WTA PROJECT NUMBER  
**2021-041.00**

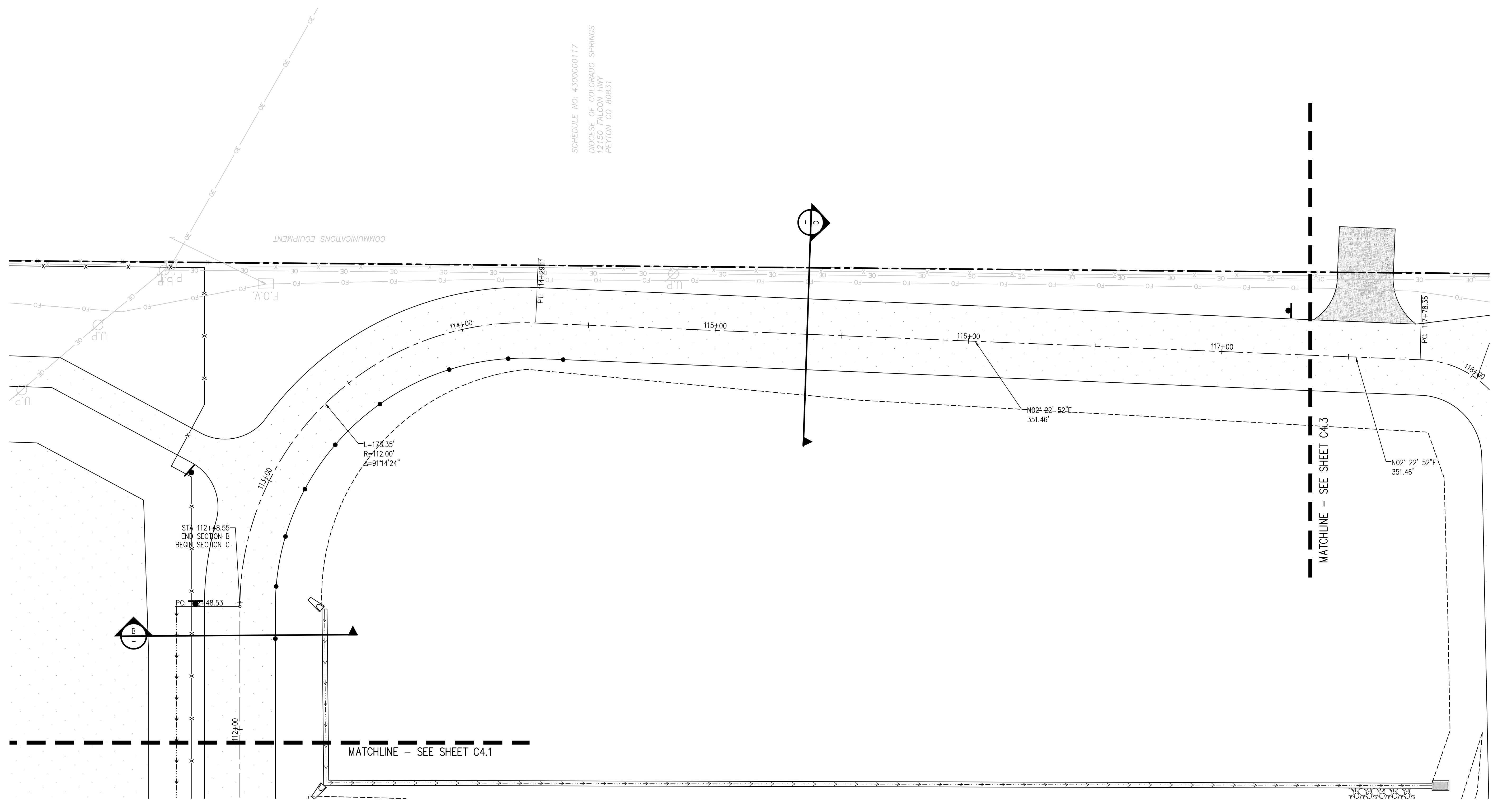
DATE  
**05/23/2022**

#	DATE	DESCRIPTION

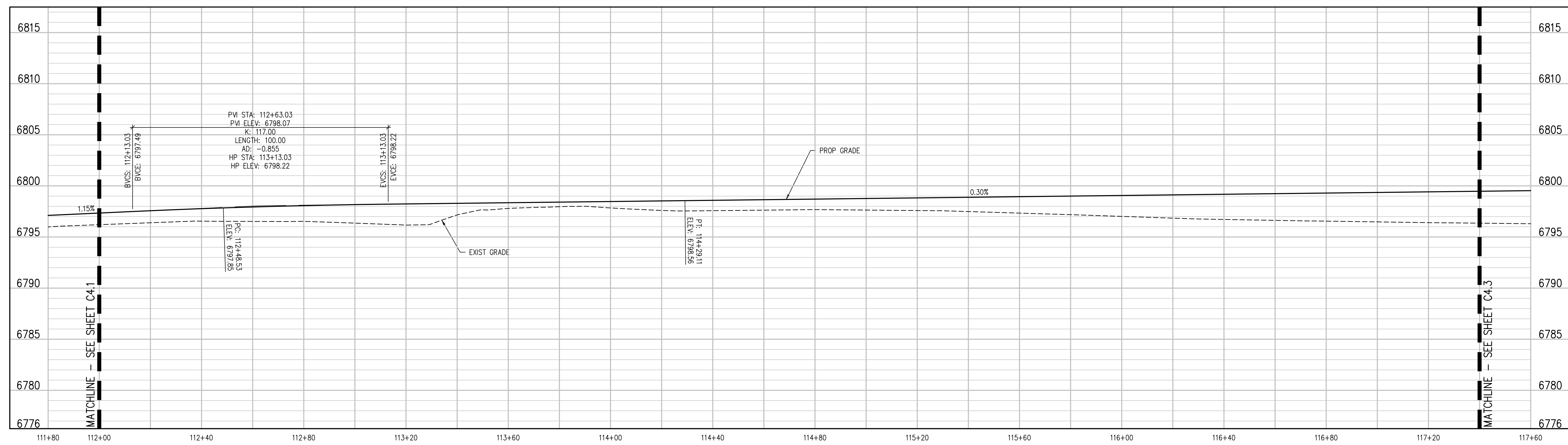
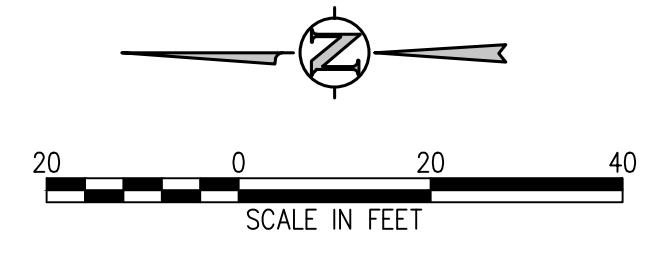
DESIGNED BY: **CWK/HCM**  
CHECKED BY: **TWW/AMB**  
DATE: **CWK**

ISSUED FOR  
**CONSTRUCTION DOCUMENTS**

SHEET NO.  
**C4.1**



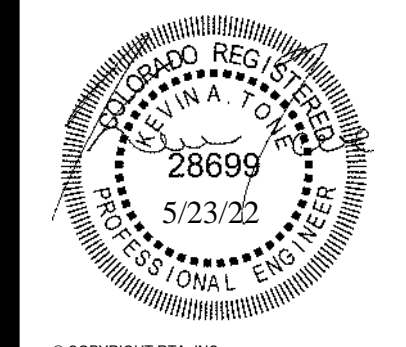
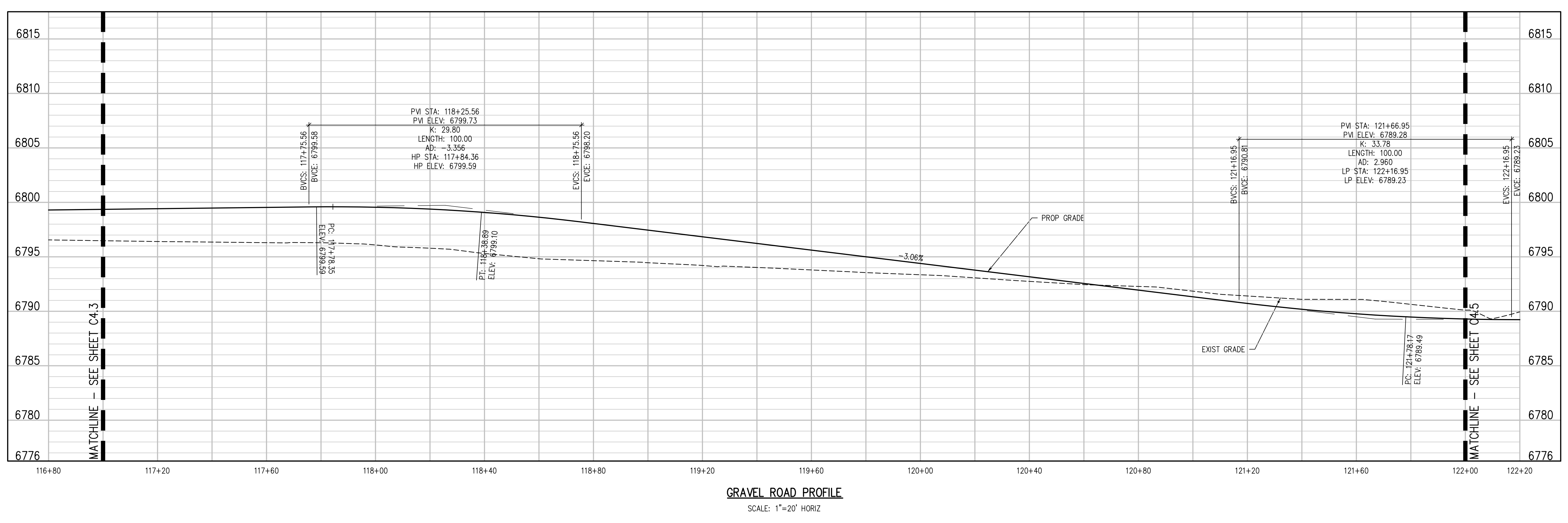
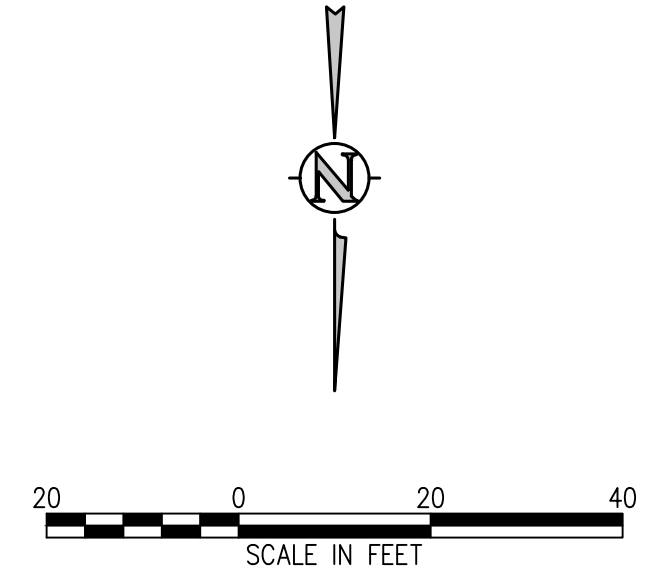
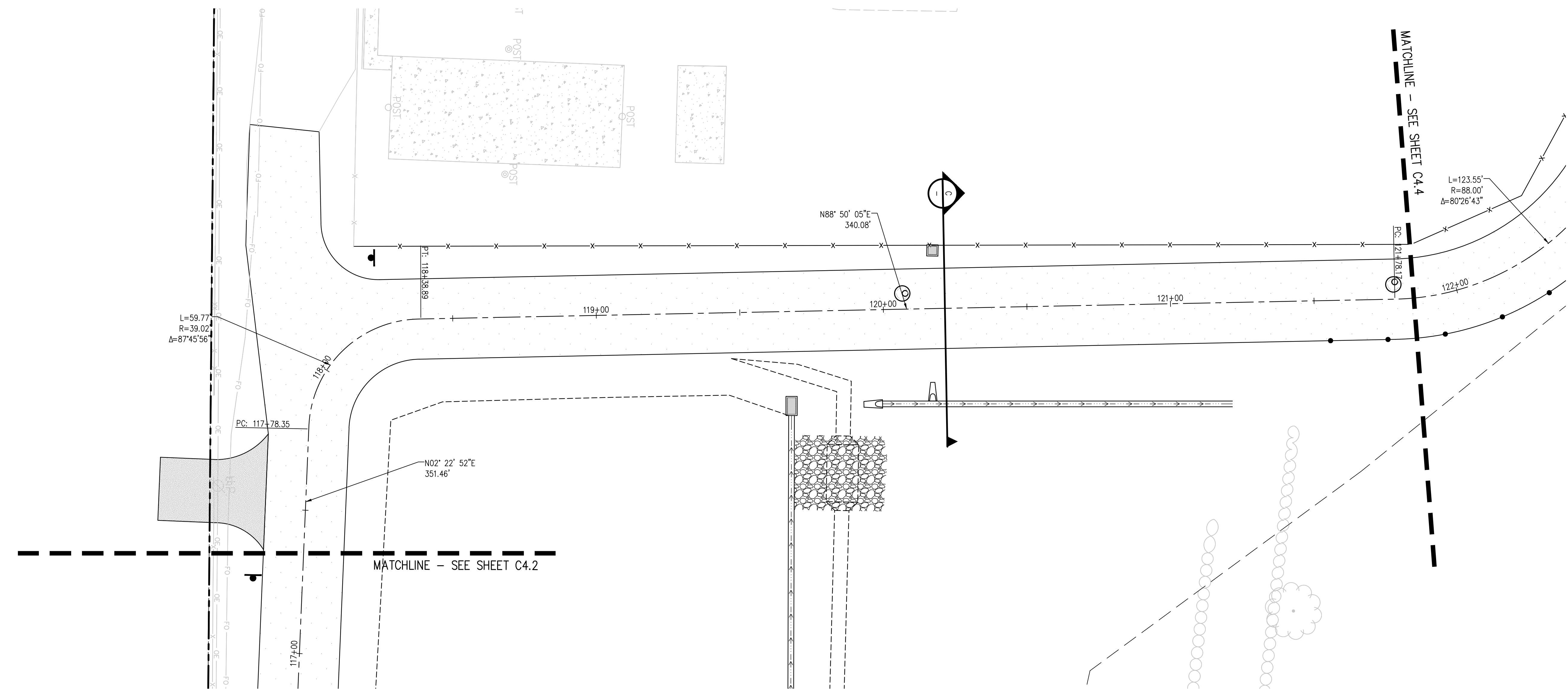
**GRAVEL ROAD PLAN**  
SCALE: 1"=20'



**GRAVEL ROAD PROFILE**  
SCALE: 1"=20' HORIZ

J:\MS6\Drawings\MS6-C4-04-STA-PROP-01.dwg, 6/02/2022 - 11:43 AM, AMB

**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



SHEET TITLE  
**GRAVEL ROAD PLAN AND PROFILE**

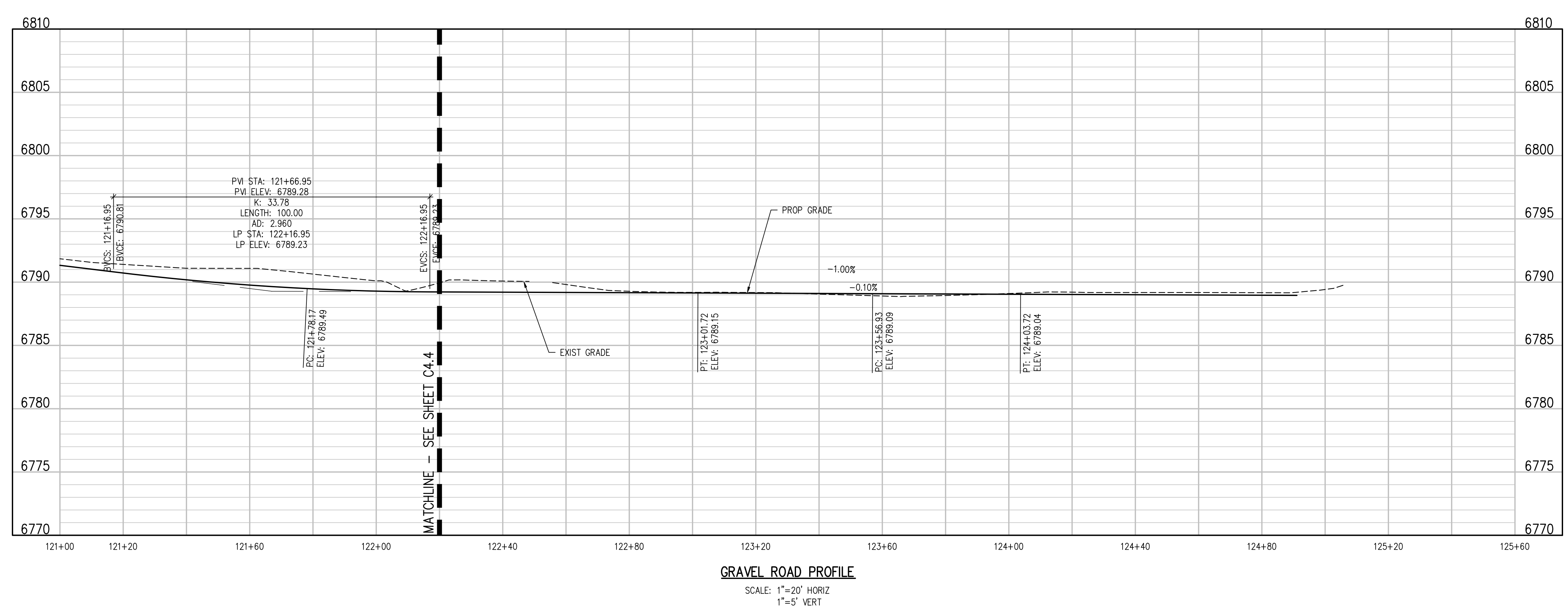
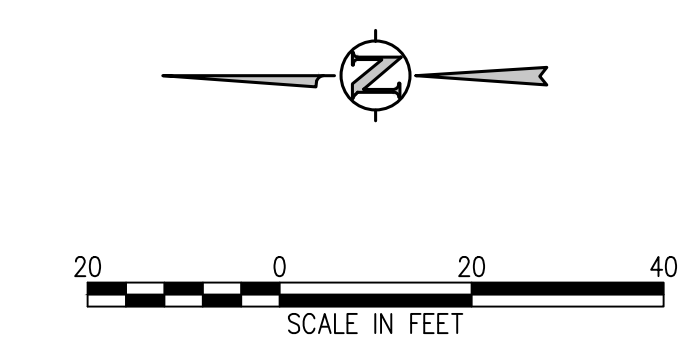
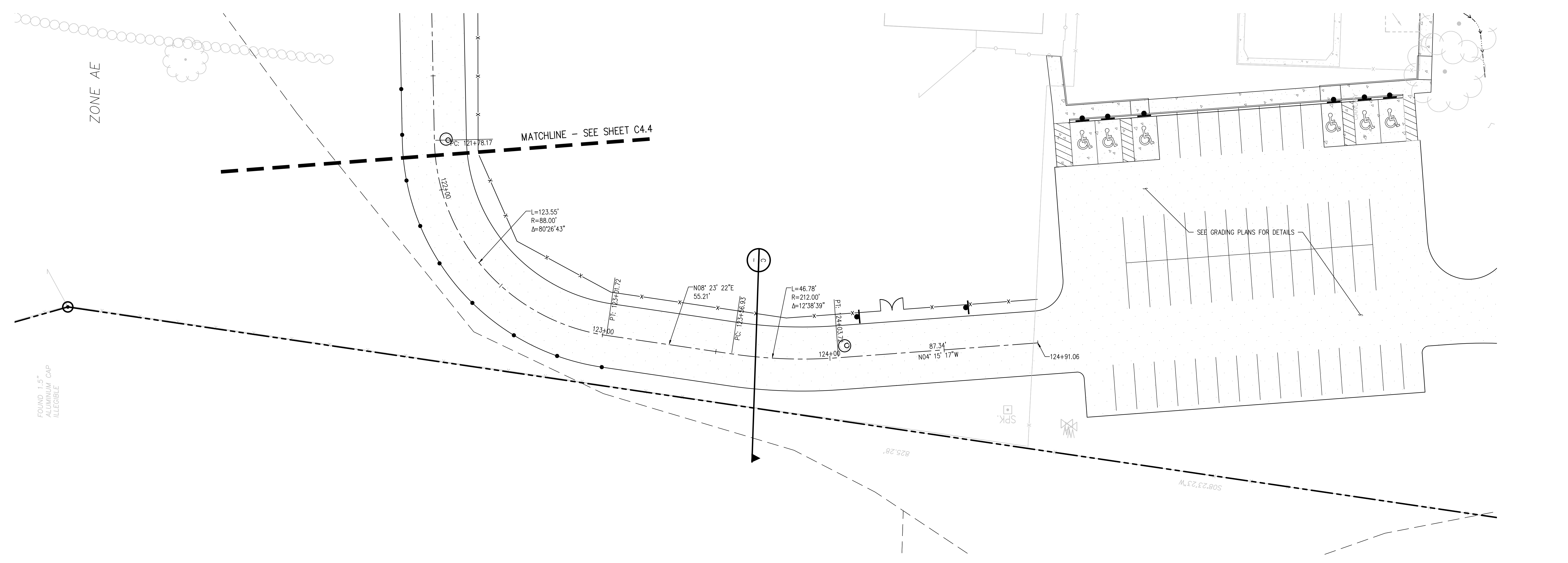
WTA PROJECT NUMBER  
**2021-041.00**  
DATE  
**05/23/2022**

REVISIONS

#	DATE	DESCRIPTION

DESIGNED BY: CWK/HCM  
 CHECKED BY: TWK/AMB  
 DRAWN BY: CWK

J:\MS65\Drawings\MS65-04-STB-PWP-01.dwg, 6/02/2022 - 11:43 AM, AMB



**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
11971 SWINGLINE ROAD  
PEYTON, CO 80831



SHEET TITLE  
**GRAVEL ROAD PLAN AND PROFILE**

RTA PROJECT NUMBER  
**2021-041.00**

DATE  
**05/23/2022**

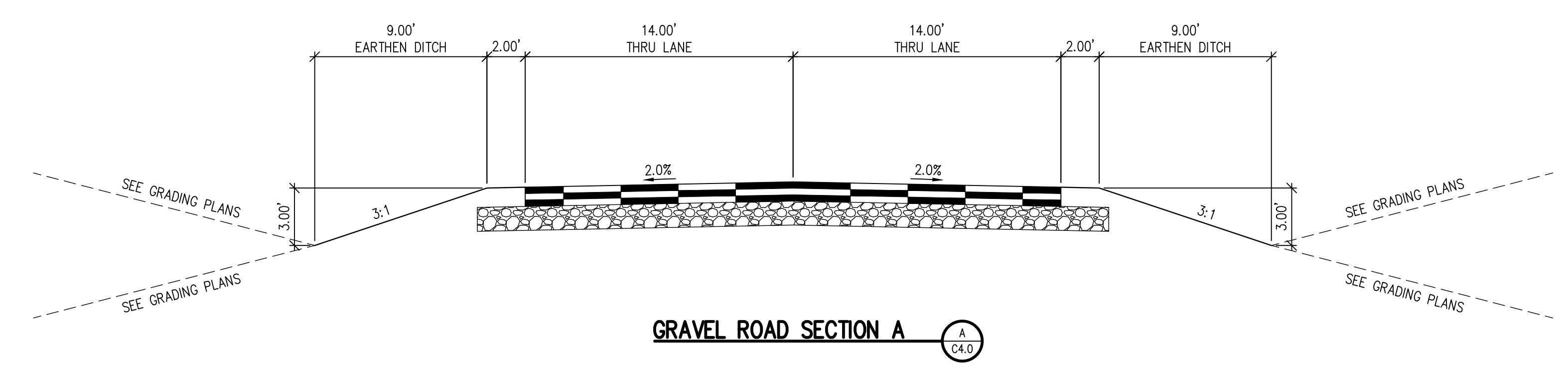
#	DATE	DESCRIPTION

DESIGNED BY: **CWK/HCM**  
 DRAWN BY: **TWK/AMB**  
 CHECKED BY: **CWK**

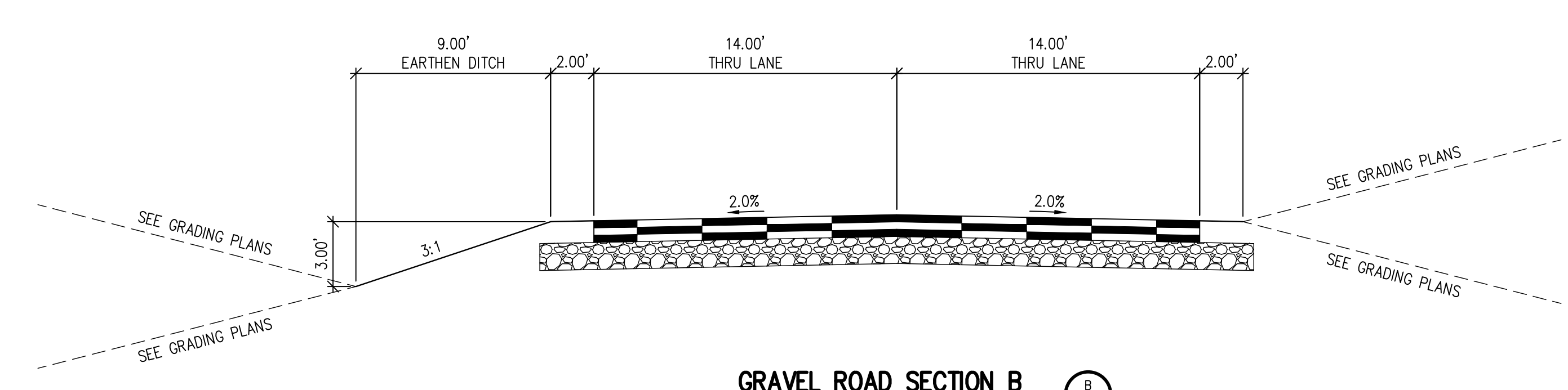
ISSUED FOR  
**CONSTRUCTION DOCUMENTS**

C4.4

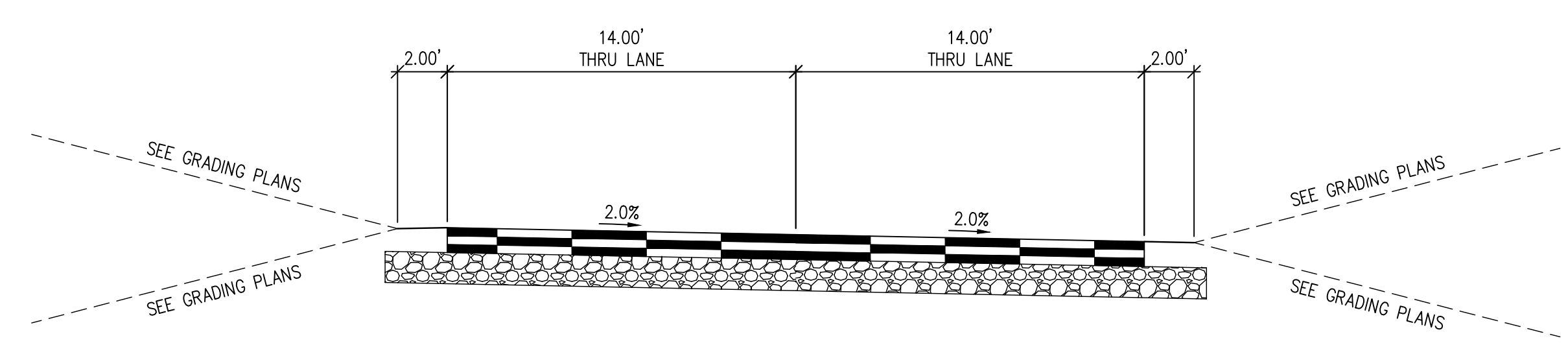
J:\MS6\Drawings\MS6-04-STB-PWP-01.dwg, 6/02/2022 - 11:43 AM, AMB



GRAVEL ROAD SECTION A



GRAVEL ROAD SECTION B



GRAVEL ROAD SECTION C

**D49 TRANSPORTATION CENTER**  
**SCHOOL DISTRICT NO 49**  
 11971 SWINGLINE ROAD  
 PEYTON, CO 80831



SHEET TITLE  
**GRAVEL ROAD SECTIONS**

RTA PROJECT NUMBER  
**2021-041.00**  
 DATE  
**05/23/2022**

#	DATE	DESCRIPTION

DESIGN APPROVAL: **CWK/HCM**  
 DRAWN BY: **TWK/AMB**  
 CHECKED BY: **CWK**

ISSUED FOR  
**CONSTRUCTION DOCUMENTS**  
 SHEET NO.  
**C4.5**

# Construction Drawings Plans-Profiles\_V1.pdf Markup Summary

8/10/2022 10:00:29 AM (1)



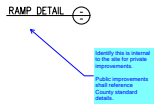
**Subject:** Text Box  
**Page Label:** [57] CD3.1 HORIZONTAL CONTROL DETAILS  
**Author:** dsdlaforce  
**Date:** 8/10/2022 10:00:29 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Include applicable EPC Engineering Criteria Manual details for the improvements within Swingline Rd ROW.

SD\_2-20  
SD\_2-40  
SD\_2-41  
SD-2-42

Check Appendix F if there are any other applicable details.

8/10/2022 10:01:55 AM (1)

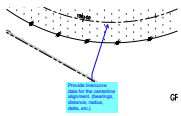


**Subject:** Callout  
**Page Label:** [56] CD3.0 HORIZONTAL CONTROL DETAILS  
**Author:** dsdlaforce  
**Date:** 8/10/2022 10:01:55 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Identify this is internal to the site for private improvements.

Public improvements shall reference County standard details.

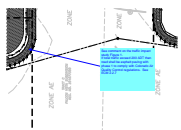
8/10/2022 10:05:39 AM (1)



**Subject:** Callout  
**Page Label:** [59] C4.1 GRAVEL ROAD PLAN AND PROFILE  
**Author:** dsdlaforce  
**Date:** 8/10/2022 10:05:39 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Provide line/curve data for the centerline alignment. (bearings, distance, radius, delta, etc.)

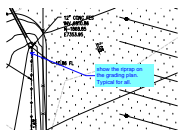
8/10/2022 10:07:36 AM (1)



**Subject:** Callout  
**Page Label:** [47] C3.0 OVERALL HORIZONTAL CONTROL PLAN  
**Author:** dsdlaforce  
**Date:** 8/10/2022 10:07:36 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

See comment on the traffic impact study Figure 1. If total traffic exceed 200 ADT then road shall be asphalt paving with phase 1 to comply with Colorado Air Quality Control regulations. See ECM 2.2.7

8/10/2022 6:56:43 AM (1)

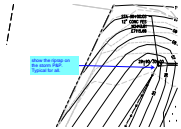


**Subject:** Callout  
**Page Label:** [24] C1.1 GRADING AND DRAINAGE PLAN A  
**Author:** dsdlaforce  
**Date:** 8/10/2022 6:56:43 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

show the riprap on the grading plan. Typical for all.



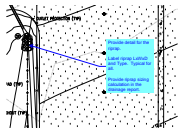
8/10/2022 6:58:00 AM (1)



**Subject:** Callout  
**Page Label:** [35] C1.12 DIVERSION STORM SEWER PLAN AND PROFILE  
**Author:** dsdlaforce  
**Date:** 8/10/2022 6:58:00 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

show the riprap on the storm P&P. Typical for all.

8/10/2022 7:00:42 AM (1)



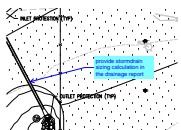
**Subject:** Callout  
**Page Label:** [12] CE1.1 EROSION CONTROL PLAN A  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:00:42 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Provide detail for the riprap.

Label riprap LxWxD and Type. Typical for all.

Provide riprap sizing calculation in the drainage report.

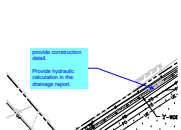
8/10/2022 7:01:02 AM (1)



**Subject:** Callout  
**Page Label:** [12] CE1.1 EROSION CONTROL PLAN A  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:01:02 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

provide stormdrain sizing calculation in the drainage report

8/10/2022 7:06:20 AM (1)

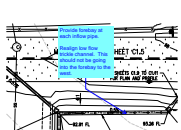


**Subject:** Callout  
**Page Label:** [24] C1.1 GRADING AND DRAINAGE PLAN A  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:06:20 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

provide construction detail.

Provide hydraulic calculation in the drainage report.

8/10/2022 7:14:30 AM (1)



**Subject:** Callout  
**Page Label:** [29] C1.6 GRADING AND DRAINAGE PLAN F  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:14:30 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

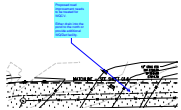
Provide forebay at each inflow pipe.

Realign low flow trickle channel. This should not be going into the forebay to the west.

---

8/10/2022 7:17:23 AM (1)

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**Subject:** Callout  
**Page Label:** [30] C1.7 GRADING AND DRAINAGE PLAN G  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:17:23 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Proposed road improvement needs to be treated for WQCV.

Either drain into the pond to the north or provide additional WQ/Det facility.

---

8/10/2022 7:18:10 AM (1)

---

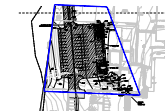


**Subject:** Cloud  
**Page Label:** [30] C1.7 GRADING AND DRAINAGE PLAN G  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:18:10 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

---

8/10/2022 7:18:37 AM (1)

---

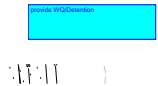


**Subject:** Cloud  
**Page Label:** [31] C1.8 GRADING AND DRAINAGE PLAN H  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:18:37 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

---

8/10/2022 7:18:51 AM (1)

---



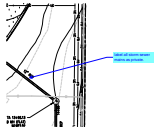
**Subject:** Text Box  
**Page Label:** [31] C1.8 GRADING AND DRAINAGE PLAN H  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:18:51 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

provide WQ/Detention

---

8/10/2022 7:20:11 AM (1)

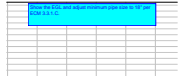
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**Subject:** Callout  
**Page Label:** [32] C1.9 STORM SEWER MAIN PLAN AND PROFILE  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:20:11 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

label all storm sewer mains as private.

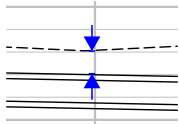
8/10/2022 7:35:01 AM (1)



**Subject:** Text Box  
**Page Label:** [33] C1.10 STORM SEWER MAIN PLAN AND PROFILE  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:35:01 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

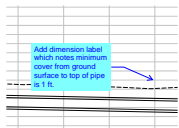
Show the EGL and adjust minimum pipe size to 18" per ECM 3.3.1.C.

8/10/2022 7:36:21 AM (1)



**Subject:** Dimension  
**Page Label:** [33] C1.10 STORM SEWER MAIN PLAN AND PROFILE  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:36:21 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

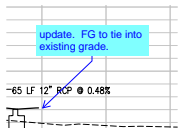
8/10/2022 7:37:14 AM (1)



**Subject:** Callout  
**Page Label:** [33] C1.10 STORM SEWER MAIN PLAN AND PROFILE  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:37:14 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Add dimension label which notes minimum cover from ground surface to top of pipe is 1 ft.

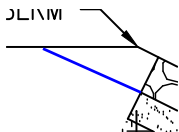
8/10/2022 7:37:58 AM (1)



**Subject:** Callout  
**Page Label:** [33] C1.10 STORM SEWER MAIN PLAN AND PROFILE  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:37:58 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

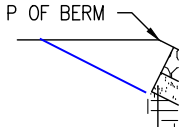
update. FG to tie into existing grade.

8/10/2022 7:39:42 AM (1)



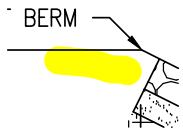
**Subject:** Line  
**Page Label:** [37] CD1.1 GRADING & DRAINAGE DETAILS  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:39:42 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

8/10/2022 7:39:48 AM (1)



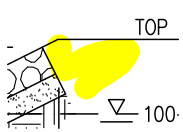
**Subject:** Line  
**Page Label:** [37] CD1.1 GRADING & DRAINAGE DETAILS  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:39:48 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

8/10/2022 7:39:53 AM (1)



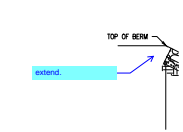
**Subject:** Highlight  
**Page Label:** [37] CD1.1 GRADING & DRAINAGE DETAILS  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:39:53 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

8/10/2022 7:39:55 AM (1)



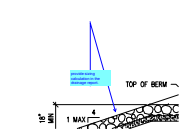
**Subject:** Highlight  
**Page Label:** [37] CD1.1 GRADING & DRAINAGE DETAILS  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:39:55 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

8/10/2022 7:40:10 AM (1)



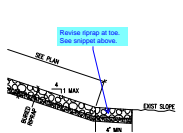
**Subject:** Callout  
**Page Label:** [37] CD1.1 GRADING & DRAINAGE DETAILS extend.  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:40:10 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

8/10/2022 7:40:54 AM (1)



**Subject:** Callout  
**Page Label:** [37] CD1.1 GRADING & DRAINAGE DETAILS provide sizing calculation in the drainage report.  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:40:54 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

8/10/2022 7:43:04 AM (1)



**Subject:** Callout  
**Page Label:** [37] CD1.1 GRADING & DRAINAGE DETAILS Revise riprap at toe. See snippet above.  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:43:04 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

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8/10/2022 7:43:08 AM (1)

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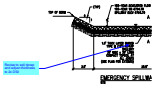


**Subject:** Image  
**Page Label:** [37] CD1.1 GRADING & DRAINAGE DETAILS  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:43:08 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

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8/10/2022 7:44:00 AM (1)

---



**Subject:** Callout  
**Page Label:** [37] CD1.1 GRADING & DRAINAGE DETAILS  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:44:00 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Revise to soil riprap and adjust thickness to 2x D50

---

8/10/2022 7:46:31 AM (1)

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**Subject:** Text Box  
**Page Label:** [38] C2.0 OVERALL UTILITY PLAN  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:46:31 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Coordinate with the water and sewer district for their signature block that goes on the title sheet.

---

8/10/2022 7:50:48 AM (1)

---



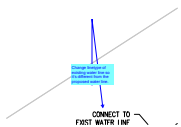
**Subject:** Text Box  
**Page Label:** [29] C1.6 GRADING AND DRAINAGE PLAN F  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:50:48 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Provide maintenance access path to the bottom of pond towards the forebays and outlet structure.

---

8/10/2022 7:53:08 AM (1)

---



**Subject:** Callout  
**Page Label:** [45] C2.7 WATER PLAN B  
**Author:** dsdlaforce  
**Date:** 8/10/2022 7:53:08 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Change linetype of existing water line so it's different from the proposed water line.

---

8/10/2022 8:27:12 AM (1)

---



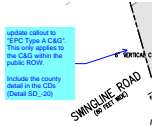
**Subject:** Callout  
**Page Label:** [49] C3.2 HORIZONTAL CONTROL PLAN B  
**Author:** dsdlaforce  
**Date:** 8/10/2022 8:27:12 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Add C&G ramp and sidewalk.

---

8/10/2022 8:31:10 AM (1)

---



**Subject:** Callout  
**Page Label:** [49] C3.2 HORIZONTAL CONTROL PLAN B  
**Author:** dsdlaforce  
**Date:** 8/10/2022 8:31:10 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

update callout to "EPC Type A C&G". This only applies to the C&G within the public ROW.  
  
Include the county detail in the CDs (Detail SD\_-20)

---

8/10/2022 8:58:22 AM (1)

---

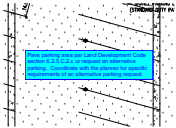


**Subject:** Image  
**Page Label:** [48] C3.1 HORIZONTAL CONTROL PLAN A  
**Author:** dsdlaforce  
**Date:** 8/10/2022 8:58:22 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

---

8/10/2022 9:01:29 AM (1)

---



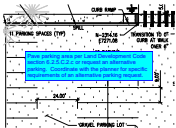
**Subject:** Text Box  
**Page Label:** [48] C3.1 HORIZONTAL CONTROL PLAN A  
**Author:** dsdlaforce  
**Date:** 8/10/2022 9:01:29 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Pave parking area per Land Development Code section 6.2.5.C.2.c or request an alternative parking. Coordinate with the planner for specific requirements of an alternative parking request.

---

8/10/2022 9:01:37 AM (1)

---



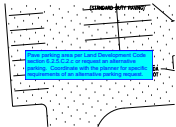
**Subject:** Text Box  
**Page Label:** [49] C3.2 HORIZONTAL CONTROL PLAN B  
**Author:** dsdlaforce  
**Date:** 8/10/2022 9:01:37 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Pave parking area per Land Development Code section 6.2.5.C.2.c or request an alternative parking. Coordinate with the planner for specific requirements of an alternative parking request.

---

8/10/2022 9:01:48 AM (1)

---



**Subject:** Text Box  
**Page Label:** [55] C3.8 HORIZONTAL CONTROL PLAN H  
**Author:** dsdlaforce  
**Date:** 8/10/2022 9:01:48 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Pave parking area per Land Development Code section 6.2.5.C.2.c or request an alternative parking. Coordinate with the planner for specific requirements of an alternative parking request.

---

8/6/2022 4:40:46 PM (1)

---

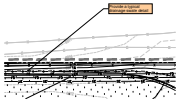


**Subject:** Stormwater Comments Color  
**Page Label:** [1] C0.1 LEGEND, NOTES AND ABBREVIATIONS  
**Author:** dotprete  
**Date:** 8/6/2022 4:40:46 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

---

8/6/2022 5:12:12 PM (1)

---



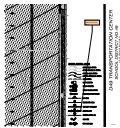
**Subject:** Engineer  
**Page Label:** [12] CE1.1 EROSION CONTROL PLAN A  
**Author:** dotprete  
**Date:** 8/6/2022 5:12:12 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Provide a typical drainage swale detail

---

8/6/2022 5:12:57 PM (1)

---



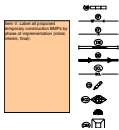
**Subject:** Engineer  
**Page Label:** [12] CE1.1 EROSION CONTROL PLAN A  
**Author:** dotprete  
**Date:** 8/6/2022 5:12:57 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

line type doesnt match whats shown on the plans

---

8/6/2022 5:13:42 PM (1)

---



**Subject:** Engineer  
**Page Label:** [11] CE1.0 OVERALL EROSION CONTROL PLAN  
**Author:** dotprete  
**Date:** 8/6/2022 5:13:42 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Item V. Label all proposed temporary construction BMPs by phase of implementation (initial, interim, final).

---

8/6/2022 5:14:08 PM (1)

---



**Subject:** Engineer  
**Page Label:** [11] CE1.0 OVERALL EROSION CONTROL PLAN  
**Author:** dotprete  
**Date:** 8/6/2022 5:14:08 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Items H and M. If "limits of disturbance" and "construction boundary" are the same, change to "limits of construction/disturbance" or otherwise show as separate line types for each on the legend and figure.

---

8/6/2022 5:20:50 PM (1)

---



**Subject:** Engineer  
**Page Label:** [12] CE1.1 EROSION CONTROL PLAN A  
**Author:** dotprete  
**Date:** 8/6/2022 5:20:50 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

define

---

8/6/2022 5:23:06 PM (1)

---



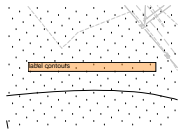
**Subject:** Engineer  
**Page Label:** [13] CE1.2 EROSION CONTROL PLAN B  
**Author:** dotprete  
**Date:** 8/6/2022 5:23:06 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

consider moving CWA away from grass swale to avoid contamination

---

8/6/2022 5:25:27 PM (1)

---



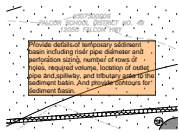
**Subject:** Engineer  
**Page Label:** [16] CE1.5 EROSION CONTROL PLAN E  
**Author:** dotprete  
**Date:** 8/6/2022 5:25:27 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

label contours

---

8/6/2022 5:26:00 PM (1)

---



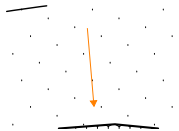
**Subject:** Engineer  
**Page Label:** [16] CE1.5 EROSION CONTROL PLAN E  
**Author:** dotprete  
**Date:** 8/6/2022 5:26:00 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Provide details of temporary sediment basin including riser pipe diameter and perforation sizing, number of rows of holes, required volume, location of outlet pipe and spillway, and tributary area to the sediment basin. And provide contours for sediment basin.

---

8/6/2022 5:27:21 PM (1)

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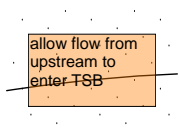
**Subject:** Arrow  
**Page Label:** [16] CE1.5 EROSION CONTROL PLAN E  
**Author:** dotprete  
**Date:** 8/6/2022 5:27:21 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

allow flow from upstream to enter TSB

---

8/6/2022 5:27:29 PM (1)

---

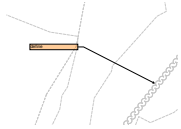


**Subject:** Engineer  
**Page Label:** [16] CE1.5 EROSION CONTROL PLAN E  
**Author:** dotprete  
**Date:** 8/6/2022 5:27:29 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

allow flow from upstream to enter TSB



8/6/2022 5:42:41 PM (1)



**Subject:** Engineer  
**Page Label:** [17] CE1.6 EROSION CONTROL PLAN F  
**Author:** dotprete  
**Date:** 8/6/2022 5:42:41 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

define

8/8/2022 1:35:43 PM (4)

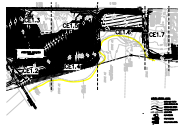


**Subject:** Callout  
**Page Label:** [11] CE1.0 OVERALL EROSION CONTROL PLAN  
**Author:** dsdlaforce  
**Date:** 8/8/2022 1:35:43 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

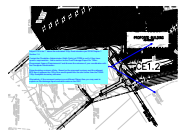
Revise line weight or shading so the FEMA 100yr floodplain is more visible.



**Subject:** Image  
**Page Label:** [11] CE1.0 OVERALL EROSION CONTROL PLAN  
**Author:** dsdlaforce  
**Date:** 8/8/2022 1:35:43 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**



**Subject:** Highlight  
**Page Label:** [11] CE1.0 OVERALL EROSION CONTROL PLAN  
**Author:** dsdlaforce  
**Date:** 8/8/2022 1:35:43 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**



**Subject:** Callout  
**Page Label:** [11] CE1.0 OVERALL EROSION CONTROL PLAN  
**Author:** dsdlaforce  
**Date:** 8/8/2022 1:35:43 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Adjust FFE to be 1' above the estimated 100yr flood elevation per DCM Chapter 1 Section 1.4.

Contact the Floodplain Administrator (Keith Curtis) at PPRB to verify if they have specific requirements. Add a section on the Final Drainage Report for "Other Government Agency Requirements" and discuss the outcome of your coordination with the Floodplain Administrator.

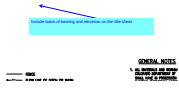
Extend existing contours offsite. Based on the proposed contours and the adjacent BFE then it appears the 100yr flow would spread into the site further than the FEMA 100yr floodplain boundary indicates.

Alternatively, if the surveyed contours on a different Datum then you may want to explain on the drainage report and add a note on the GEC.

---

8/8/2022 9:06:35 AM (1)

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**Subject:** Callout  
**Page Label:** [1] C0.1 LEGEND, NOTES AND ABBREVIATIONS  
**Author:** dsdlaforce  
**Date:** 8/8/2022 9:06:35 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Include basis of bearing and elevation on the title sheet.

---

8/8/2022 9:08:14 AM (1)

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**Subject:** File Attachment  
**Page Label:** [1] C0.1 LEGEND, NOTES AND ABBREVIATIONS  
**Author:** dsdlaforce  
**Date:** 8/8/2022 9:08:14 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

---

8/8/2022 9:08:21 AM (1)

---



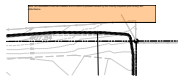
**Subject:** Text Box  
**Page Label:** [1] C0.1 LEGEND, NOTES AND ABBREVIATIONS  
**Author:** dsdlaforce  
**Date:** 8/8/2022 9:08:21 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Include signage and striping plan on the Construction Drawing Plan Set.  
Add the standard signage and striping notes attached.

---

8/9/2022 1:36:49 PM (1)

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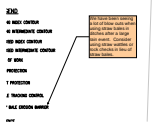
**Subject:** Engineer  
**Page Label:** [3] C0.4 DEMOLITION PLAN A  
**Author:** dotprete  
**Date:** 8/9/2022 1:36:49 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Note: all initial BMPs must be installed and a notice to proceed issued by the County Inspector prior to any soil disturbance.

---

8/9/2022 1:37:27 PM (1)

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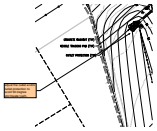
**Subject:** Engineer  
**Page Label:** [11] CE1.0 OVERALL EROSION CONTROL PLAN  
**Author:** dotprete  
**Date:** 8/9/2022 1:37:27 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

We have been seeing a lot of blow outs when using straw bales in ditches after a large rain event. Consider using straw wattles or rock checks in lieu of straw bales.

---

8/9/2022 1:39:41 PM (1)

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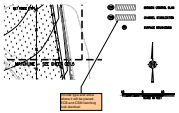
**Subject:** Engineer  
**Page Label:** [13] CE1.2 EROSION CONTROL PLAN B  
**Author:** dotprete  
**Date:** 8/9/2022 1:39:41 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

adjust the outlet and/or outlet protection to avoid 90 degree stormwater path.

---

8/9/2022 1:40:42 PM (1)

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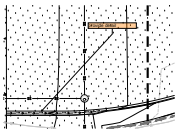
**Subject:** Engineer  
**Page Label:** [13] CE1.2 EROSION CONTROL PLAN B  
**Author:** dotprete  
**Date:** 8/9/2022 1:40:42 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

provide type and show where it will be placed. ECB and CSM hatching look identical

---

8/9/2022 1:41:32 PM (1)

---



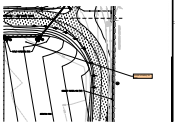
**Subject:** Engineer  
**Page Label:** [13] CE1.2 EROSION CONTROL PLAN B  
**Author:** dotprete  
**Date:** 8/9/2022 1:41:32 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

provide detail

---

8/9/2022 1:43:48 PM (1)

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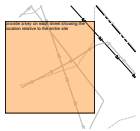
**Subject:** Engineer  
**Page Label:** [17] CE1.6 EROSION CONTROL PLAN F  
**Author:** dotprete  
**Date:** 8/9/2022 1:43:48 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

provide a forebay for pond

---

8/9/2022 1:44:57 PM (1)

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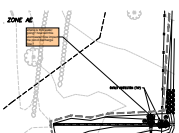
**Subject:** Engineer  
**Page Label:** [12] CE1.1 EROSION CONTROL PLAN A  
**Author:** dotprete  
**Date:** 8/9/2022 1:44:57 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

provide a key on each sheet showing the location relative to the entire site

---

8/9/2022 1:46:20 PM (1)

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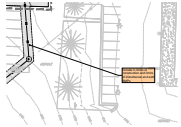
**Subject:** Engineer  
**Page Label:** [17] CE1.6 EROSION CONTROL PLAN F  
**Author:** dotprete  
**Date:** 8/9/2022 1:46:20 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

where is this water going? how will this stormwater flow impact the pond discharge flow?

---

8/9/2022 1:48:29 PM (1)

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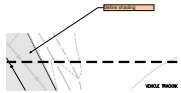
**Subject:** Engineer  
**Page Label:** [19] CE1.8 EROSION CONTROL PLAN H  
**Author:** dotprete  
**Date:** 8/9/2022 1:48:29 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

include in limits of construction and limits of disturbance and add BMPs

---

8/9/2022 1:52:15 PM (1)

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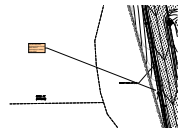
**Subject:** Engineer  
**Page Label:** [13] CE1.2 EROSION CONTROL PLAN B  
**Author:** dotprete  
**Date:** 8/9/2022 1:52:15 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

define shading

---

8/9/2022 1:57:39 PM (1)

---



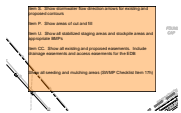
**Subject:** Engineer  
**Page Label:** [15] CE1.4 EROSION CONTROL PLAN D  
**Author:** dotprete  
**Date:** 8/9/2022 1:57:39 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

include temporary sediment basin to treat water before discharging to waters of the state

---

8/9/2022 2:00:25 PM (1)

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**Subject:** Engineer  
**Page Label:** [12] CE1.1 EROSION CONTROL PLAN A  
**Author:** dotprete  
**Date:** 8/9/2022 2:00:25 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Item S. Show stormwater flow direction arrows for existing and proposed contours

Item P. Show areas of cut and fill

Item U. Show all stabilized staging areas and stockpile areas and appropriate BMPs

Item CC. Show all existing and proposed easements. Include drainage easements and access easements for the EDB

Show all seeding and mulching areas (SWMP Checklist Item 17h)

---

8/9/2022 2:02:47 PM (1)

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**Subject:** Engineer  
**Page Label:** [1] C0.1 LEGEND, NOTES AND ABBREVIATIONS  
**Author:** dotprete  
**Date:** 8/9/2022 2:02:47 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

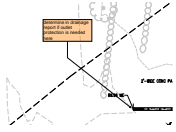
Item I. Include a note about existing vegetation.

To comply with the SWMP Checklist Item 17f, please add a note stating no batch plants will be utilized onsite.

---

8/9/2022 2:09:03 PM (1)

---



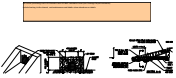
**Subject:** Engineer  
**Page Label:** [29] C1.6 GRADING AND DRAINAGE PLAN F  
**Author:** dotprete  
**Date:** 8/9/2022 2:09:03 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

determine in drainage report if outlet protection is needed here

---

8/9/2022 2:27:48 PM (1)

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**Subject:** Engineer  
**Page Label:** [37] CD1.1 GRADING & DRAINAGE DETAILS  
**Author:** dotprete  
**Date:** 8/9/2022 2:27:48 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

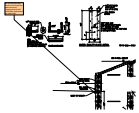
will review pond design with UD-Detention and UD-BMP calculation forms (see Drainage Report comments)

include forebay, trickle channel, and maintenance road details. show elevations on details

---

8/9/2022 2:28:39 PM (1)

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**Subject:** Engineer  
**Page Label:** [37] CD1.1 GRADING & DRAINAGE DETAILS  
**Author:** dotprete  
**Date:** 8/9/2022 2:28:39 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

the micropools main function is to keep the trash rack from clogging and should be located upstream of the trash rack.

---

8/9/2022 2:29:52 PM (1)

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**Subject:** Engineer  
**Page Label:** [1] C0.1 LEGEND, NOTES AND ABBREVIATIONS  
**Author:** dotprete  
**Date:** 8/9/2022 2:29:52 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

include a title sheet with a sheet index. vicinity map, signature blocks, and GEC notes (see GEC Checklist Items a, gg, ii, jj, and Section 3)

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8/9/2022 3:09:23 PM (1)

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**Subject:** File Attachment  
**Page Label:** [1] C0.1 LEGEND, NOTES AND ABBREVIATIONS  
**Author:** dsdlaforce  
**Date:** 8/9/2022 3:09:23 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

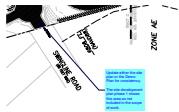
8/9/2022 3:10:45 PM (1)



**Subject:** Text Box  
**Page Label:** [1] C0.1 LEGEND, NOTES AND ABBREVIATIONS  
**Author:** dsdlaforce  
**Date:** 8/9/2022 3:10:45 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Include the standard El Paso County Construction Notes (attached) and standard EPC Grading and Erosion Control Plan (GEC) notes. See GEC Checklist for GEC notes.

8/9/2022 3:17:21 PM (1)

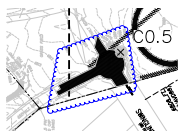


**Subject:** Callout  
**Page Label:** [2] C0.3 OVERALL DEMOLITION PLAN  
**Author:** dsdlaforce  
**Date:** 8/9/2022 3:17:21 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Update either the site plan or the Demo Plan for consistency.

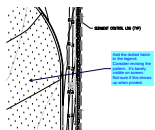
The site development plan phase 1 shows this area as not included in the scope of work.

8/9/2022 3:17:32 PM (1)



**Subject:** Cloud  
**Page Label:** [2] C0.3 OVERALL DEMOLITION PLAN  
**Author:** dsdlaforce  
**Date:** 8/9/2022 3:17:32 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

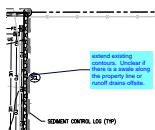
8/9/2022 3:23:05 PM (1)



**Subject:** Callout  
**Page Label:** [12] CE1.1 EROSION CONTROL PLAN A  
**Author:** dsdlaforce  
**Date:** 8/9/2022 3:23:05 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Add the dotted hatch to the legend. Consider revising the pattern. It's barely visible on screen. Not sure if this shows up when printed.

8/9/2022 3:28:36 PM (1)



**Subject:** Callout  
**Page Label:** [12] CE1.1 EROSION CONTROL PLAN A  
**Author:** dsdlaforce  
**Date:** 8/9/2022 3:28:36 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

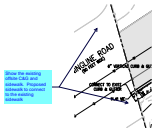
extend existing contours. Unclear if there is a swale along the property line or runoff drains offsite.



**Subject:** Cloud  
**Page Label:** [25] C1.2 GRADING AND DRAINAGE PLAN B  
**Author:** dsdlaforce  
**Date:** 8/9/2022 3:45:10 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**



**Subject:** Highlight  
**Page Label:** [25] C1.2 GRADING AND DRAINAGE PLAN B  
**Author:** dsdlaforce  
**Date:** 8/9/2022 3:45:10 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

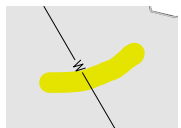


**Subject:** Callout  
**Page Label:** [25] C1.2 GRADING AND DRAINAGE PLAN B  
**Author:** dsdlaforce  
**Date:** 8/9/2022 3:45:10 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

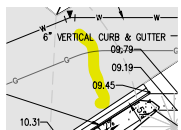
Show the existing offsite C&G and sidewalk.  
Proposed sidewalk to connect to the existing sidewalk



**Subject:** Highlight  
**Page Label:** [25] C1.2 GRADING AND DRAINAGE PLAN B  
**Author:** dsdlaforce  
**Date:** 8/9/2022 3:45:10 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

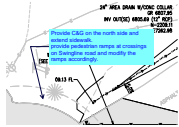


**Subject:** Highlight  
**Page Label:** [25] C1.2 GRADING AND DRAINAGE PLAN B  
**Author:** dsdlaforce  
**Date:** 8/9/2022 3:45:10 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**



**Subject:** Highlight  
**Page Label:** [25] C1.2 GRADING AND DRAINAGE PLAN B  
**Author:** dsdlaforce  
**Date:** 8/9/2022 3:45:10 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

8/9/2022 3:47:26 PM (1)



**Subject:** Callout  
**Page Label:** [25] C1.2 GRADING AND DRAINAGE PLAN B  
**Author:** dsdlaforce  
**Date:** 8/9/2022 3:47:26 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Provide C&G on the north side and extend sidewalk.  
provide pedestrian ramps at crossings on Swingline road and modify the ramps accordingly.

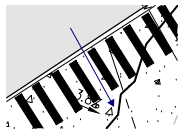
8/9/2022 3:48:40 PM (1)



**Subject:** Callout  
**Page Label:** [25] C1.2 GRADING AND DRAINAGE PLAN B  
**Author:** dsdlaforce  
**Date:** 8/9/2022 3:48:40 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

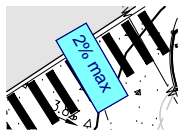
Label and make the existing ROW line darker.

8/9/2022 3:53:39 PM (1)



**Subject:** Arrow  
**Page Label:** [25] C1.2 GRADING AND DRAINAGE PLAN B  
**Author:** dsdlaforce  
**Date:** 8/9/2022 3:53:39 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

8/9/2022 3:54:06 PM (1)



**Subject:** Text Box  
**Page Label:** [25] C1.2 GRADING AND DRAINAGE PLAN B  
**Author:** dsdlaforce  
**Date:** 8/9/2022 3:54:06 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

2% max

8/9/2022 3:54:10 PM (1)



**Subject:** Callout  
**Page Label:** [25] C1.2 GRADING AND DRAINAGE PLAN B  
**Author:** dsdlaforce  
**Date:** 8/9/2022 3:54:10 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Revise cross slope grade of pedestrian access route to 2% max.

8/9/2022 3:59:19 PM (1)



**Subject:** Callout  
**Page Label:** [49] C3.2 HORIZONTAL CONTROL PLAN B  
**Author:** dsdlaforce  
**Date:** 8/9/2022 3:59:19 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

provide ramp to the north. See detail SD 2\_41 for ramp configuration at intersections