



## ADDENDUM #06

**DATE:** December 3, 2024      **PROJECT NO:** 24-038  
**TO:** Gramoll Construction      **PROJECT:** DTC Welding Technology Bldg  
155 S 750 W St  
North Salt Lake, Utah 84054

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The original specifications and drawings, labeled “Bid Package #1”, dated August 26, 2024 and issued for the project referenced above are amended by the following content and form a part of the Contract Documents.

Receipt of this addendum shall be acknowledged by inserting its number and date in the space provided on the bid form.

### Attachments:

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#### Description:

The domestic water line has been relocated to the south side of the building, in order to avoid a second road cut.

GI001.1 AE100.1, PL111.1, PL401.1, PL901.1, C100.1, C101.1, C102.1, CS210.1, CS230.1, CU300.1, CG400.1, C500.1, C510.1

#### Changes to Prior Addenda:

1. None.

#### Changes to Procurement Requirements:

1. None.

#### Changes to Contracting Requirements:

1. None.

#### Changes to Specifications:

1. None.

#### Changes Drawings:

1. **Architectural**
  - a. AE100.1
    - i. Updated floor drain location, slab slopes and dimensions.
2. **Plumbing**
  - a. Refer to attached memorandum.
3. **Civil**
  - a. Refer to attached memorandum.

**End of Addendum #06**

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GENERAL NOTES

- GENERAL CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND SHALL REPORT TO THE ARCHITECT ANY UNKNOWN CONDITIONS, ERRORS OR CONFLICT IN THE DRAWINGS BEFORE BEGINNING WORK.
- DO NOT SCALE DRAWINGS
- SEE ELEVATIONS FOR OPENING HEIGHTS.



PROJECT 24-038

BID PACKAGE #1 2024-08-26

REVISIONS

NO.	DATE	DESCRIPTION
3	2024-10-10	ADDENDUM #03
4	2024-10-25	ADDENDUM #04
5	2024-11-01	ADDENDUM #05
6	2024-11-14	RFI #010
7	2024-11-22	ADDENDUM #06

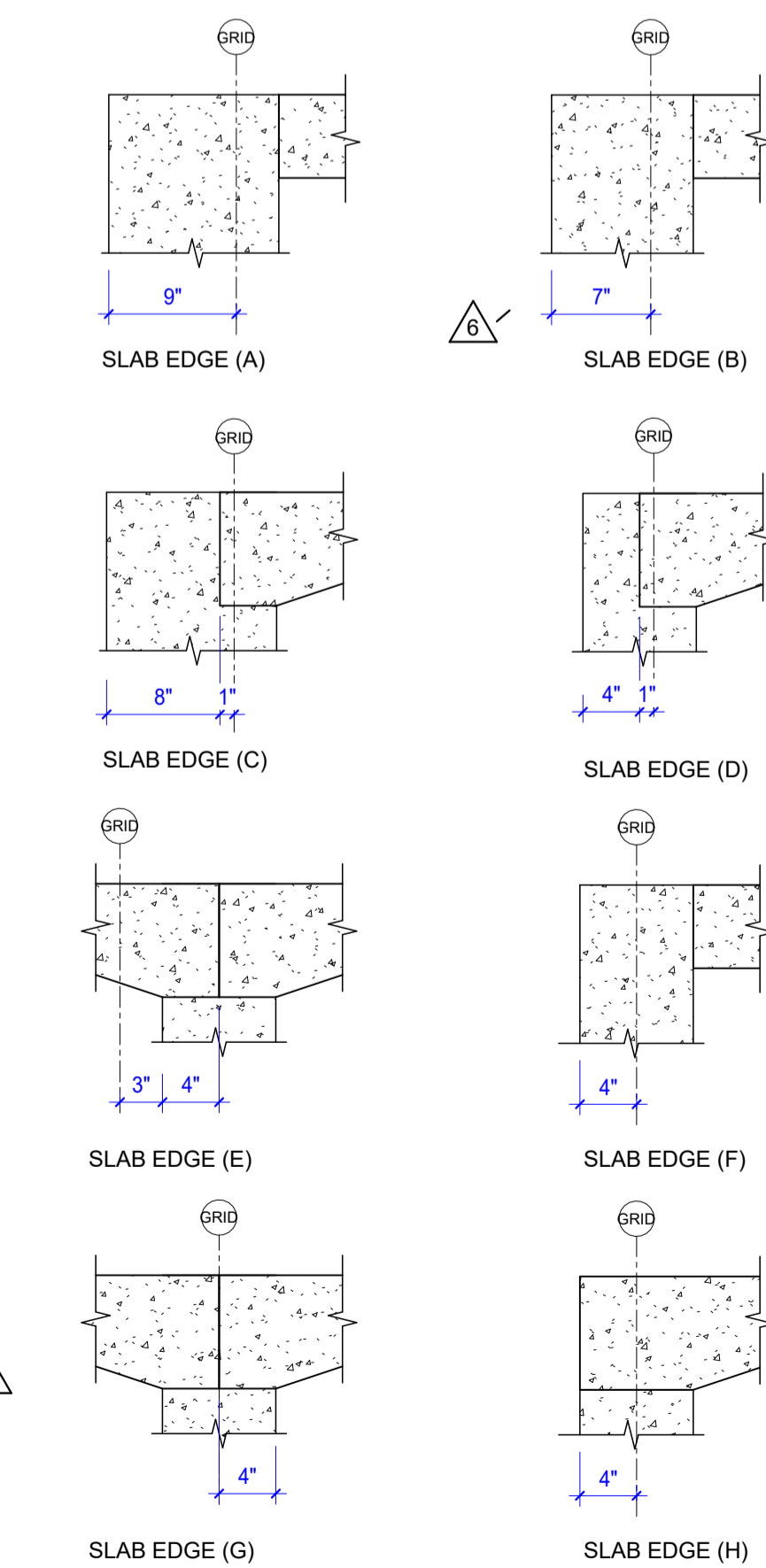
LEGEND

SLAB ON GRADE	
HOUSEKEEPING PAD	
MASONRY WALL	

KEYNOTES

3.01	CONCRETE FOUNDATION WALL
3.06	ISOLATED CONCRETE SLAB
3.07	4" HOUSEKEEPING PAD
3.08	2% MIN. SLOPE TO FLOOR DRAIN
3.09	RECESS FOR WALK-OFF MAT AS NECESSARY

SLAB EDGE CONDITIONS



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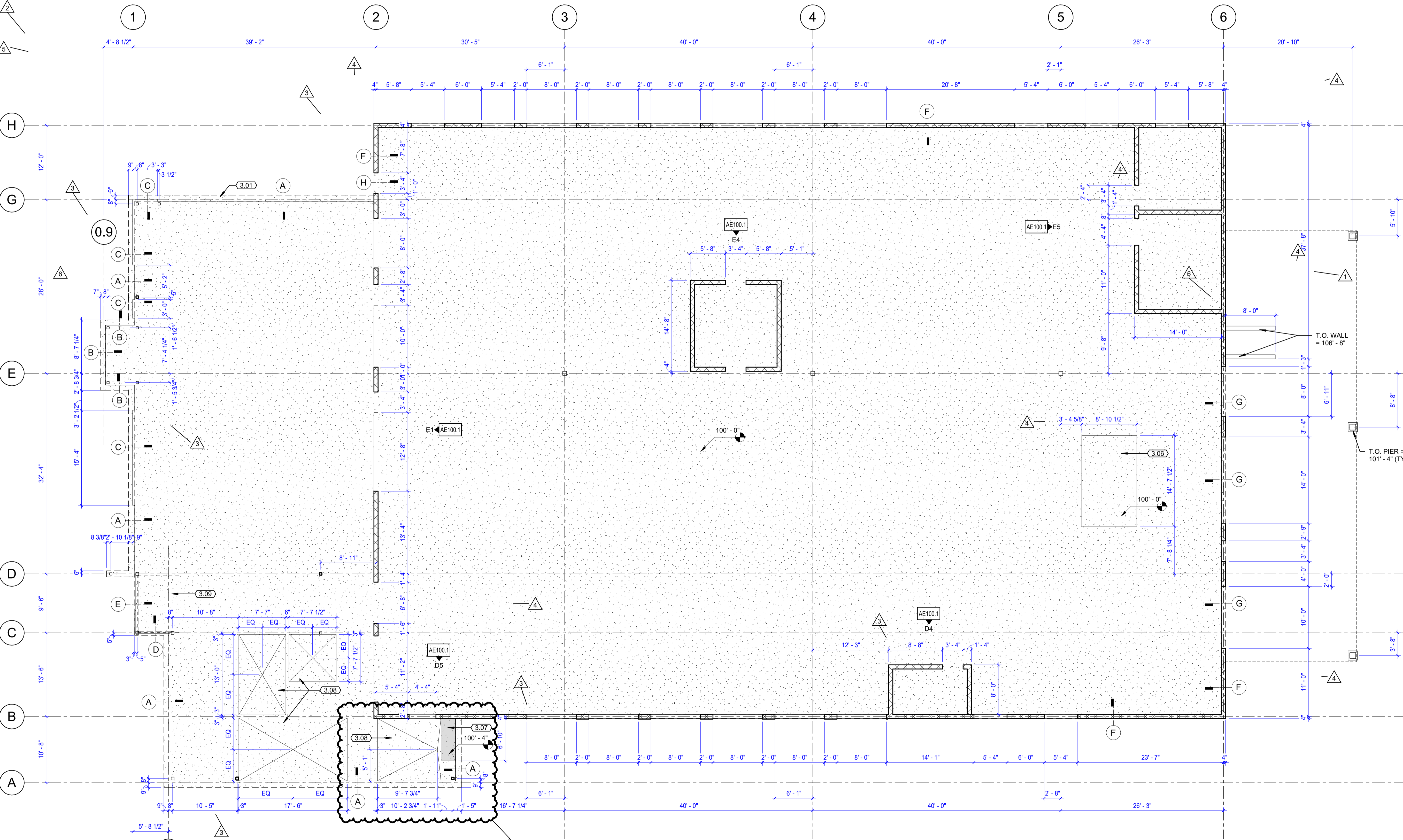
E1 MASONRY ELEVATION - WEST  
1/8" = 1'-0"

E4 MASONRY ELEVATION SOUTH  
1/8" = 1'-0"

E5 MASONRY ELEVATION EAST  
1/8" = 1'-0"

D4 MASONRY ELEVATION SOUTH 2  
1/8" = 1'-0"

D5 MASONRY ELEVATION SOUTH 3  
1/8" = 1'-0"



A1 DIMENSION CONTROL PLAN  
1/8" = 1'-0"

1

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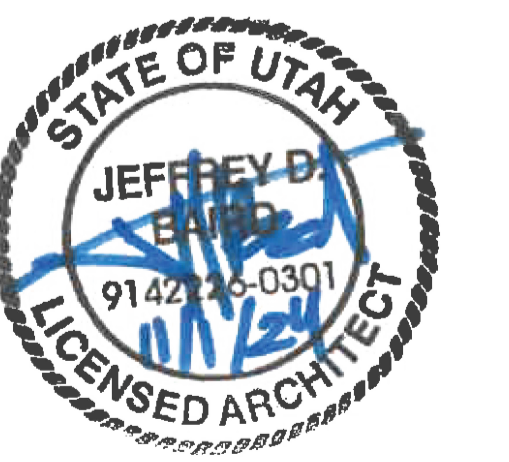
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**DAVIS TECHNICAL COLLEGE  
WELDING TECHNOLOGY BUILDING**  
355 SOUTH 650 EAST  
KAYSVILLE, UT 84037



DIMENSION  
CONTROL PLAN  
**AE100.1**



**HEATH**  
Engineering Company

**Addendum No. 006**

Issued: **11/22/2024**

Project Name: **Davis Technical College Welding Technology Building**

**Addendum No. 06 to the Construction Contract for the above referenced project:**

All Contractors submitting proposals on the above captioned project shall be governed by the following changes and explanations to the Bid Documents, and shall submit their bids in accordance therewith:

Plumbing

- P6.1 Reference Sheet PL111.1 - PLUMBING PLAN – DRAIN/WASTE/VENT
  - a. Added ¾" condensate drain from Evap. Coolers.
- P6.2 Reference Sheet PL401.1 – ENLARGED PLUMBING PLAN
  - a. Modified floor drain location in Men's RR 103 and Custodial Room 104.
- P6.3 Reference Sheet PL901.1 – WASTE & VENT ISOMETRIC
  - a. Modified waste & vent isometric to show updated floor drain locations.

**Attachments**

- 1. Drawing set 24076-PLUM-DTECH Welding Building – BP1 ADD6

**End of Addendum**

**DRAWING NOTES**

NOTE #	DESCRIPTION
1	SEE CIVIL SITE UTILITY PLAN FOR CONTINUATION.
2	RISE PUMPED CONDENSATE UP INTO CEILING SPACE AND CONNECT INTO THE TOP OF THE 3/4" GRAVITY CONDENSATE LINE. ROUTE AS SHOWN.
3	ROUTE 3/4" CONDENSATE HIGH IN CEILING SPACE AS SHOWN.
4	DROP 3/4" CONDENSATE DOWN ON WALL AND ROUTE TO FLOOR DRAIN. PROVIDE 1" AIR GAP AT DRAIN.
5	DROP 1" CONDENSATE DOWN THROUGH ROOF AND ROUTE AS SHOWN HIGH IN CEILING SPACE. SEE EVAPORATIVE COOLER CONNECTION DETAIL 9/FL502.
6	ROUTE 1" CONDENSATE HIGH IN CEILING SPACE AS SHOWN.
7	DROP 1" CONDENSATE DOWN ON WALL AND DRAIN INTO FLOOR SINK. TERMINATE 1" ABOVE FLOOR SINK RIM TO PROVIDE AIR GAP.
8	1/2" DRAIN FROM ROOF HYDRANT (RH). SEE PL112.2 FOR CONTINUATION.



PROJECT **24-038**

BID PACKAGE #2 2024-11-01

REVISIONS

NO.	DATE	DESCRIPTION
1	10.21.24	BP1 ADD 3
2	11.01.24	BP1 ADD 5
4	11.22.24	BP1 ADD 6

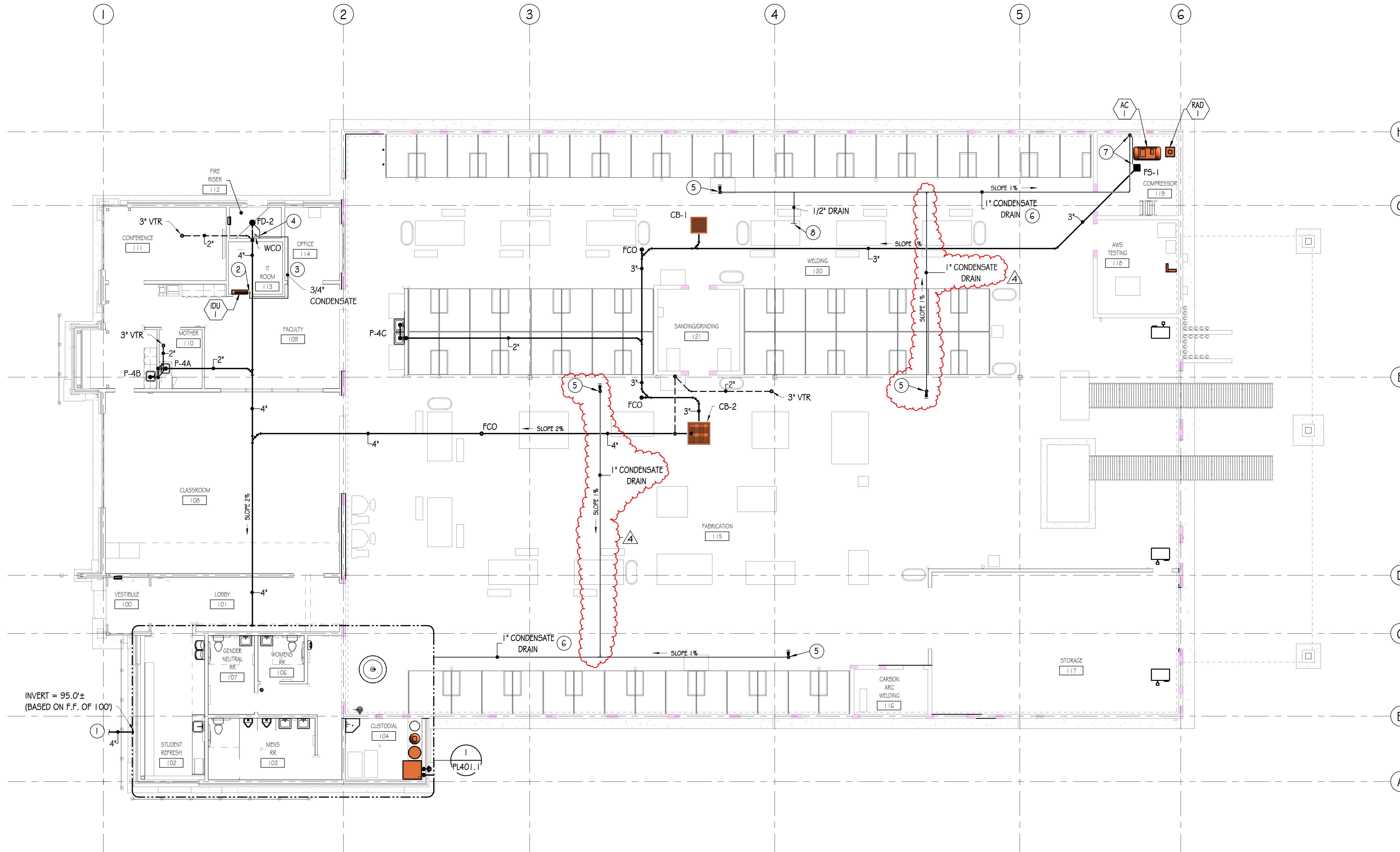
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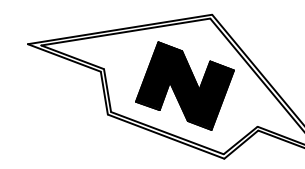
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**PLUMBING PLAN - DRAIN/WASTE/VENT**

SCALE: 1/8" = 1'-0"



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BUILDING**  
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PLUMBING PLAN -  
DRAIN/WASTE/VENT  
**PL111.1**

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### DRAWING NOTES

NOTE #	DESCRIPTION
1	SEE PL111.2 FOR CONTINUATION.
2	SEE CIVIL SITE UTILITY PLAN FOR CONTINUATION.
3	DROP 6" RD AND 6" SRD DOWN ON WALL. EXTEND 6" SRD THROUGH WALL AND DAYLIGHT WITH DOWNSPOUT NOZZLE APPROXIMATELY 18" A.F.G. CONTINUE DROPPING 6" RD DOWN TO BELOW GRADE BEFORE EXTENDING THROUGH EXTERIOR WALL.
4	ROUTE 1" DHW AND 1" DCW UNDERGROUND TO SERVE WASH SINK (P-4D). SEE UNDERFLOOR WATER PIPE DETAIL 4/PL502.
5	PROVIDE HOUSEKEEPING PAD FOR WATER HEATER AND WATER SOFTENER EQUIPMENT. SEE DETAIL 7/PL502.
6	ROUTE 1" CONDENSATE HIGH IN CEILING SPACE AS SHOWN.
7	DROP 1" CONDENSATE DOWN ON WALL AND DRAIN INTO SERVICE SINK. TERMINATE 1" ABOVE SERVICE SINK RIM TO PROVIDE AIR GAP.

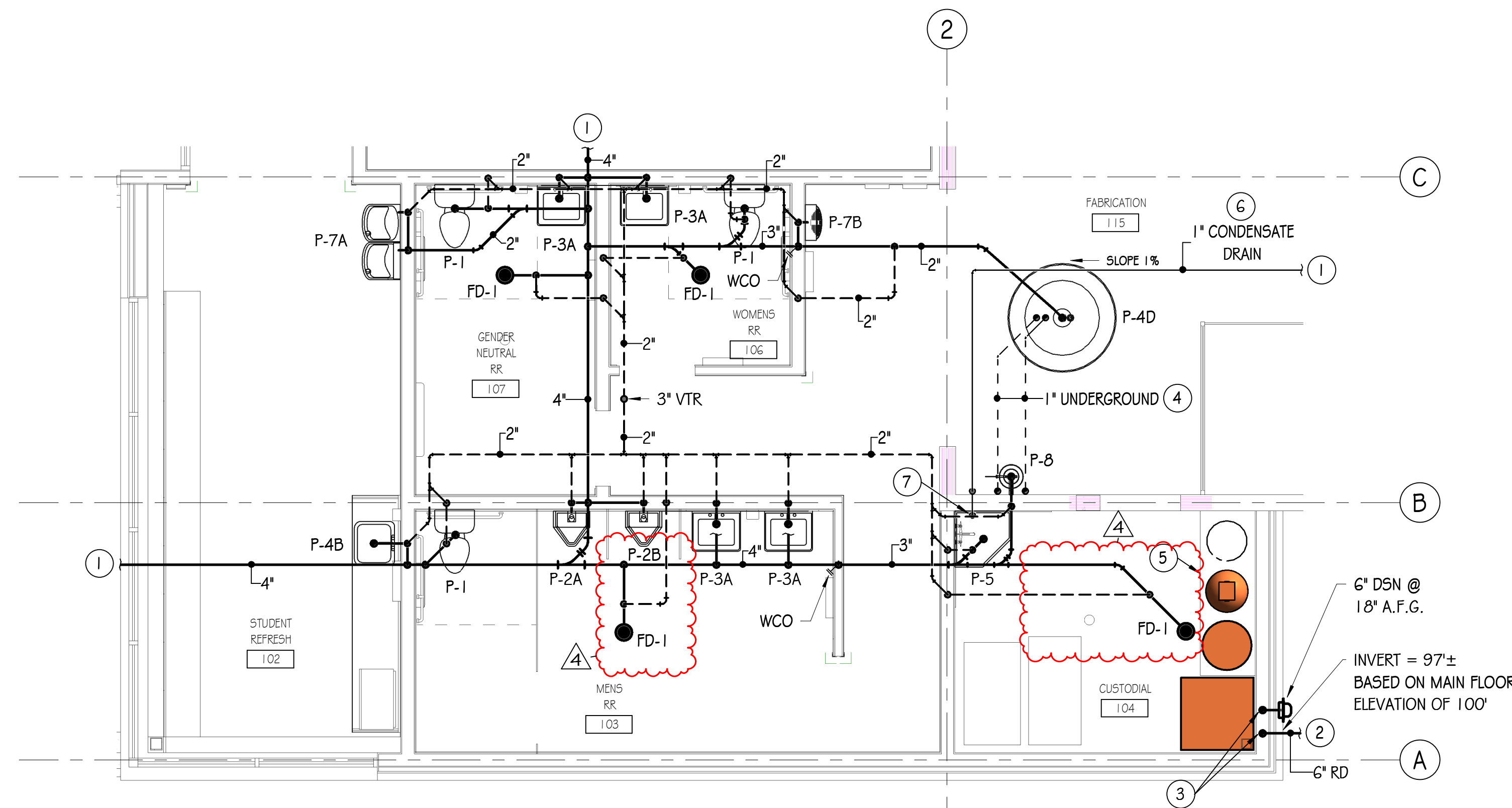


PROJECT **24-038**

BID PACKAGE #2 2024-11-01

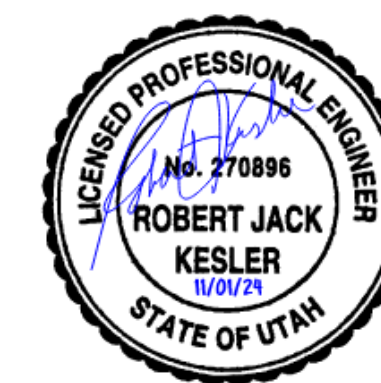
#### REVISIONS

NO.	DATE	DESCRIPTION
1	10.21.24	BP1 ADD 3
4	11.22.24	BP1 ADD 6



**ENLARGED PLUMBING PLAN - WASTE & VENT**  
 SCALE: 1/4" = 1'-0"  
 5 2.5 0 5 10

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 BUILDING**  
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 KAYSVILLE, UT 84037



ENLARGED  
 PLUMBING PLAN  
**PL401.1**

REVISIONS

NO.	DATE	DESCRIPTION
1	10.21.24	BP1 ADD 3
4	11.22.24	BP1 ADD 6

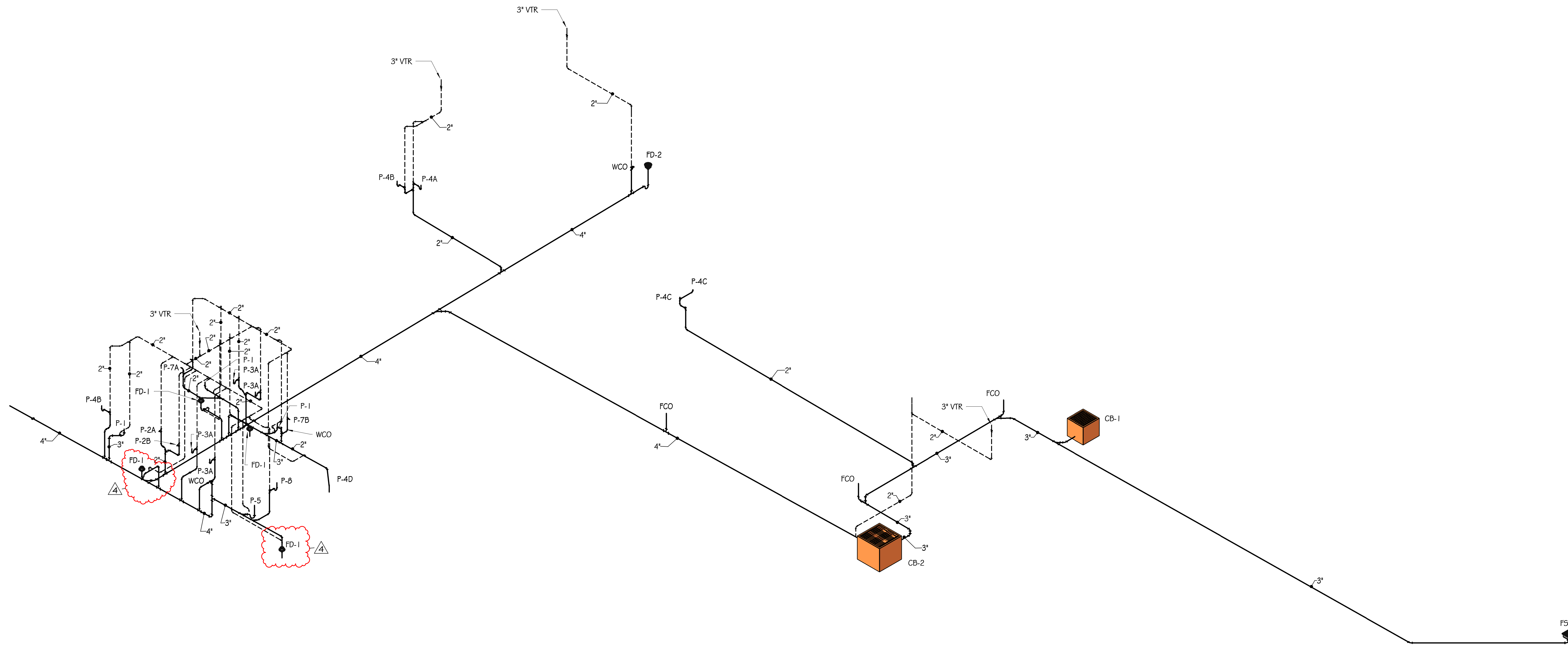
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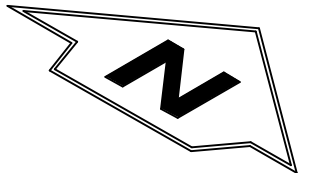
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**WASTE & VENT ISOMETRIC**  
 PL901.1 SCALE: NONE



**DAVIS TECHNICAL COLLEGE  
 WELDING TECHNOLOGY  
 BUILDING**  
 355 SOUTH 650 EAST  
 KAYSVILLE, UT 84037



WASTE & VENT  
 ISOMETRIC  
**PL901.1**

# Memorandum



To: Jeff Baird - CRSA  
From: Jaymin Vickers – Meridian Engineering, Inc.

Date: November 25, 2024  
Re: DTC Welding Tech  
Subject: Addendum #6

## Memo

The 2" domestic waterline was approved to be relocated to the south where the line would tap into the existing 12" waterline just a few feet north of our fire hydrant line connection. Doing this saved us from cutting into the roadway a second time and only made the other trench a few feet wider.

### Drawings:

#### **Sheet C100.1, C101.1 - Refer to the Attached Sheet:**

1. Sheet callouts in the notes and the text of the details were updated to match the correct sheet names.

#### **Sheet C102.1 - Refer to the Attached Sheet:**

1. No changes have been made to this sheet.

#### **Sheet CS210.1 – Refer to the Attached Sheets.**

1. Sheet callouts in the notes and the text of the details were updated to match the correct sheet names.
2. Callouts and labels were updated for the new location of the domestic 2" waterline.

#### **Sheet CS230.1 - Refer to the Attached Sheet:**

1. Added missing line and curb table.
2. Added additional northing and eastings.
3. Updated sheet callouts in the notes and the text of the details were updated to match the correct sheet names.
4. Updated labels for the new location of the domestic 2" waterline.

#### **Sheet CU300.1 - Refer to the Attached Sheet:**

1. Updated sheet callouts in the notes and the text of the details were updated to match the correct sheet names.
2. Updated labels and pipe lengths for the new location of the domestic 2" waterline.

### **Meridian Engineering, Inc.**

1628 West 11010 South, Suite 102 • South Jordan, Utah 84095  
Phone: 801.569.1315 • Fax: 801.569.1319

**Sheet CG400.1 - Refer to the Attached Sheet:**

1. Updated sheet callouts in the notes and the text of the details were updated to match the correct sheet names.
2. Updated grades and labels for the new location of the domestic 2" waterline.

**Sheet C500.1 - Refer to the Attached Sheet:**

1. Updated sheet callouts in the notes and the text of the details were updated to match the correct sheet names.
2. Background updated.

**Sheet C510.1 - Refer to the Attached Sheet:**

1. No changes have been made to this sheet.

**Meridian Engineering, Inc.**

1628 West 11010 South, Suite 102 • South Jordan, Utah 84095  
Phone: 801.569.1315 • Fax: 801.569.1319

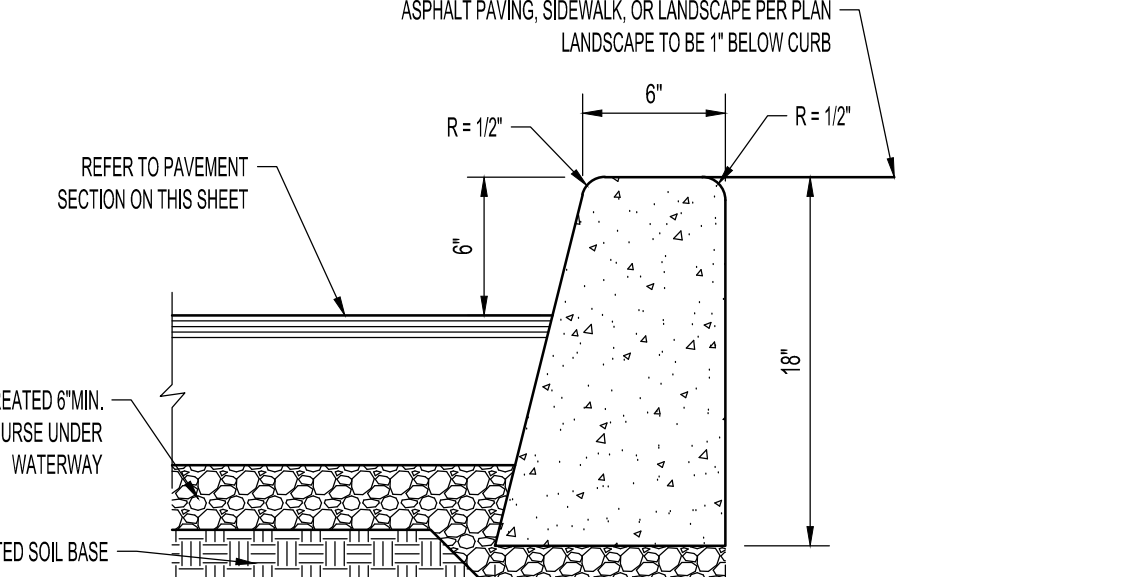
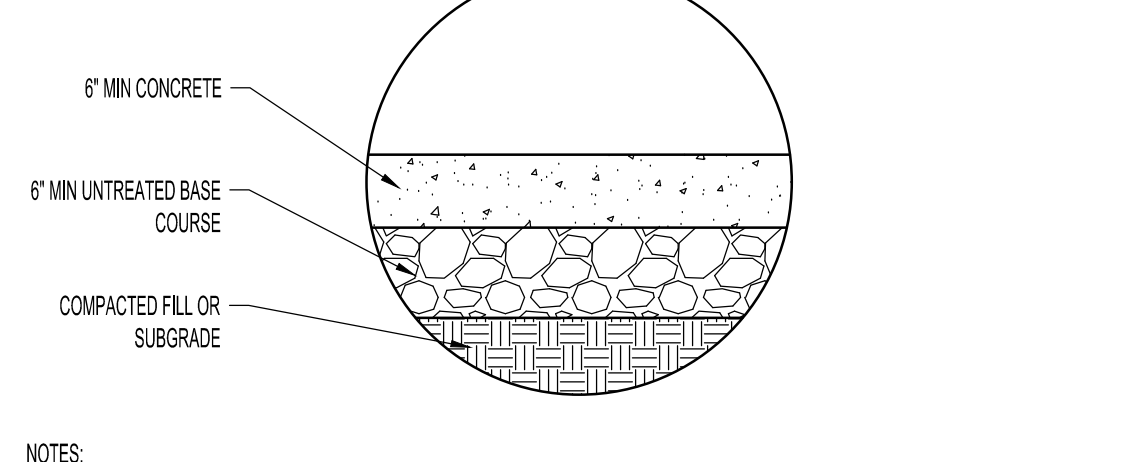
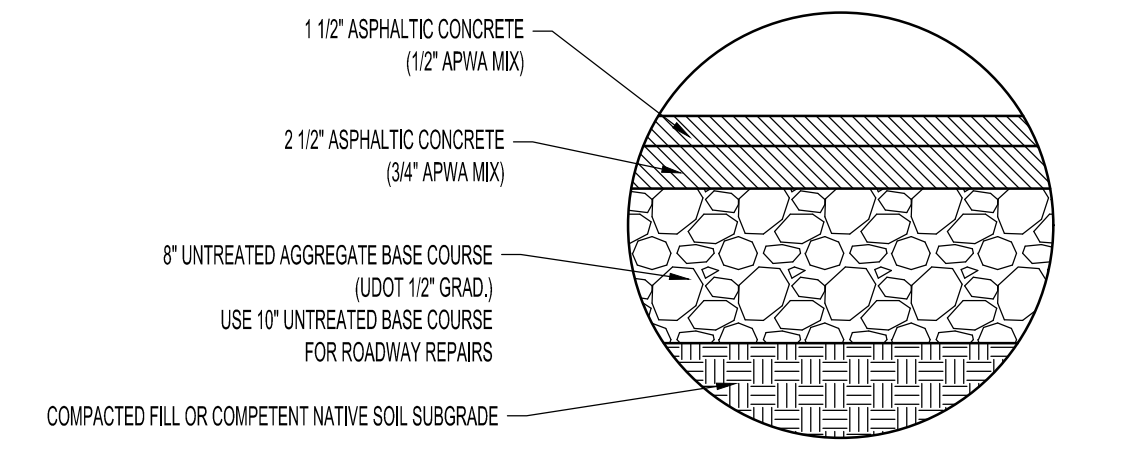
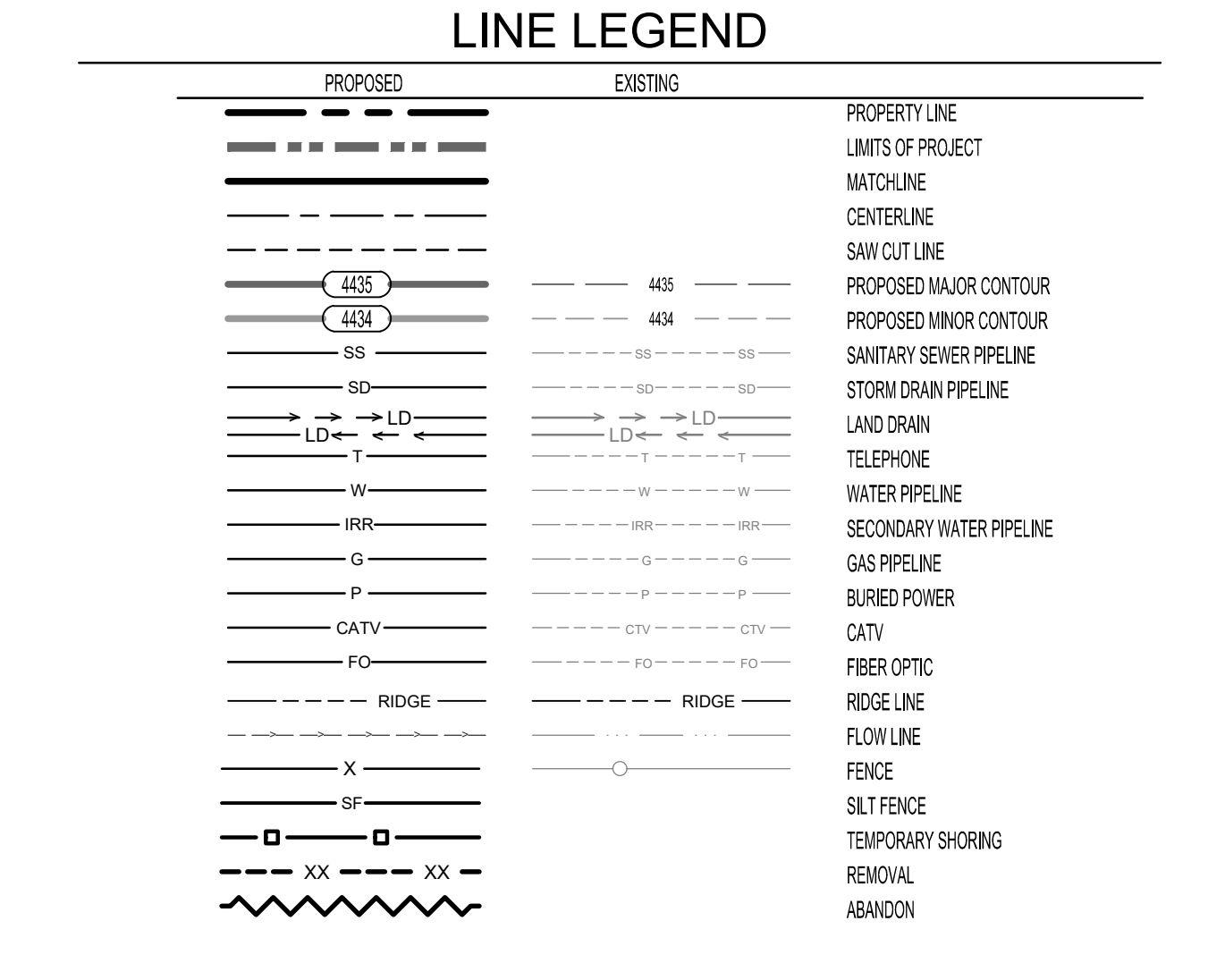
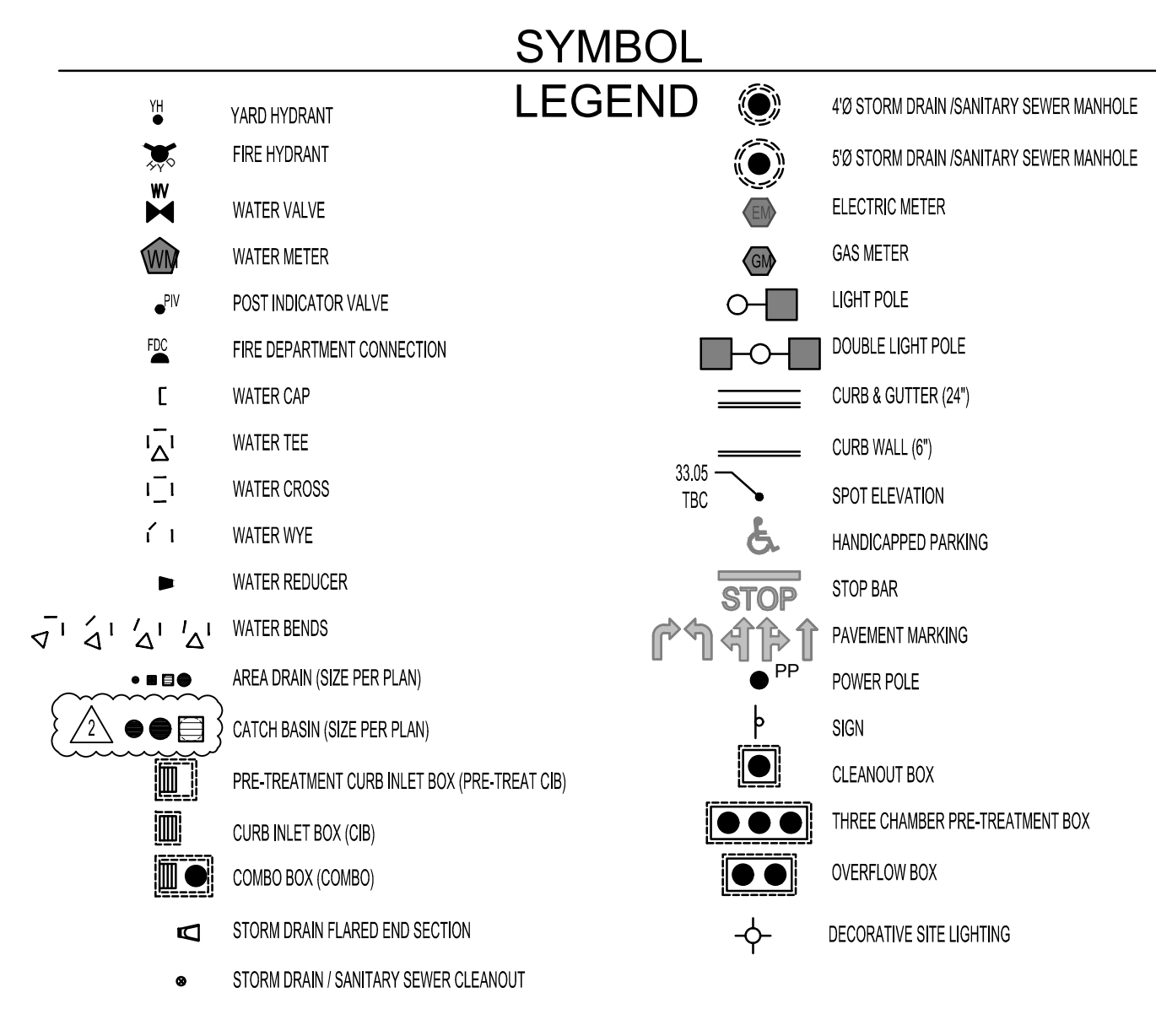


SPECIAL PROJECT NOTE

- ALL CONSTRUCTION ACTIVITY FOR SITE WATER LINES AND SEWER LINES SHALL CONFORM TO KAYSVILLE CITY AND CENTRAL DAVIS SEWER DISTRICT STANDARD PLANS AND "APWA MANUAL OF STANDARD PLANS" (LATEST EDITION) AND THE DEVELOPMENT GUIDELINES AND SPECIFICATIONS. CONTRACTOR SHALL OBTAIN COPIES OF SAID CITY AND DISTRICT STANDARDS AND APWA STANDARDS PRIOR TO CONSTRUCTION.

GENERAL

- ANY MODIFICATION TO THIS CONSTRUCTION PACKAGE SHALL BE APPROVED BY THE OWNER. PRIOR TO SAID APPROVAL, ALL IMPROVEMENT DRAWINGS SHALL BE RESUBMITTED AND APPROVED BY THE CITY ENGINEER.
- THE CONTRACTOR SHALL LOCATE, RETAIN AND PROTECT ALL EXISTING UTILITIES UNLESS OTHERWISE DIRECTED BY THE ENGINEER. EXISTING GAS, TELEPHONE, POWER, OR WATER LINES WHICH MUST BE RELOCATED OR COVERED FOR NEW GRAVITY LINES WILL BE COMPLETED BY THE CONTRACTOR TO THE UTILITY COMPANY SPECIFICATIONS.
- ALL SUITABLE EXCAVATION MATERIAL MAY BE STOCKPILED ON LANDSCAPE AREAS (NOT OVER 7' DEEP) AND GRADED TO DRAIN. EXCESS TOPSOIL SHALL BE REMOVED AND STORED AS INDICATED ON THE LANDSCAPE PLANS. SUITABLE MATERIAL IS DEFINED IN THE PROJECT GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT AS WELL AS CITY EARTHWORK SPECIFICATIONS. ALL EARTHWORK SHALL BE COMPLIANT WITH THESE DOCUMENTS. IF CITY SPECIFICATIONS AND THE GEOTECHNICAL REPORT ARE IN CONFLICT REFER TO THE CITY ENGINEER FOR DIRECTION ON WHICH REQUIREMENTS MUST BE FOLLOWED IN THE FIELD.
- TRACER TAPES SHALL BE PLACED ABOVE ALL SEWER, PIPIC RAIN LINES, WATER AND SECONDARY WATER LINES PER CITY AND DISTRICT STANDARD SPECIFICATIONS. TRACER WIRES SHALL BE INSTALLED OVER THE WATER LINES.
- ALL EXISTING UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. AS INDICATED ON THE CD-1 SHEET, CONTRACTOR SHALL NOTIFY BLUE STAKES 48 HOURS IN ADVANCE OF ANY CONSTRUCTION. CONTRACTOR SHALL PHOTO AND FIELD VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ALL UTILITY CONFLICTS UPON DISCOVERY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER BACKFILLING, COMPACTING, AND PAVEMENT RESTORATION WHERE NECESSARY TO INSTALL NEW UTILITIES OR NEW IMPROVEMENTS PER CITY STANDARDS IN EXISTING ROADWAYS.
- CONTRACTOR SHALL PROVIDE CITY INSPECTOR WITH CONSTRUCTION SCHEDULE AFTER SAID SCHEDULE HAS BEEN APPROVED BY OWNER.
- CONTRACTOR SHALL COORDINATE CONSTRUCTION DEMOLITION AND INSTALLATION OF ELECTRICAL, AND COMMUNICATION SERVICES WITH THE UTILITY COMPANY. OWNER SHALL PAY ALL ASSOCIATED UTILITY COMPANY FEES. CONTRACTOR TO PROVIDE ELECTRICAL LINE OR COMMUNICATION TRENCHING AND BACKFILL. COORDINATE LOCATIONS WITH POWER AND COMMUNICATION COMPANY. ALL DEMOLITION OF EXISTING AND PROPOSED NEW SITE ELECTRICAL EQUIPMENT STRUCTURES AND LINES SHOWN ON CIVIL PLANS ARE SCHEMATICALLY SHOWN ONLY AS A COORDINATION BETWEEN ELECTRICAL AND CIVIL. PLEASE REFER DIRECTLY TO ELECTRICAL PLANS FOR THE LAYOUT AND DETAILS OF ALL SITE ELECTRICAL EQUIPMENT AND LINES.
- CONTRACTOR TO KEEP A SET OF NEAT PLANS ON WHICH ALL CHANGES HAVE BEEN CLEARLY SHOWN. THIS SET OF REVISED PLANS SHALL BE TURNED IN TO THE ARCHITECT.
- CONTRACTOR TO SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE CITY PRIOR TO ANY WORK.
- ALL UTILITY STRUCTURES WITHIN PAVEMENT SHALL BE RAISED TO ACCURATE FINISHED GRADE WITH A CONCRETE COLLAR. SEE DETAIL SHEET CD-11.
- PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS, BONDS, AND APPROVALS HAVE BEEN OBTAINED. ALL PERMIT AND BOND FEES ARE TO BE PAID BY THE OWNER.
- NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED, AND THOROUGHLY REVIEWED, ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE CURRENT REQUIREMENTS AND DEVELOPMENT STANDARDS OF THE CITY. THE SOILS REPORT AND THEREAFTER ARE PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND SHALL TAKE PRECEDENCE IN CASE OF CONFLICT UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCY BETWEEN THE SOILS REPORT AND PLANS ETC.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DUST AND EROSION CONTROL, CLEANING STREET AND OTHER SWPPP REGULATIONS.
- ALL EXISTING ASPHALT TO REMAIN SHALL BE SAW CUT IN NEAT, STRAIGHT LINES BY THE CONTRACTOR PRIOR TO EXCAVATION.
- NO CHANGE IN DESIGN LOCATIONS OR GRADE WILL BE MADE BY THE CONTRACTOR WITHOUT THE WRITTEN APPROVAL OF THE OWNER AND ENGINEER.
- CONTRACTOR SHALL NOT ALLOW ANY GROUND WATER, SURFACE WATER, ANIMALS, OR DEBRIS TO ENTER NEW PIPING DURING CONSTRUCTION.
- CONTRACTOR SHALL TAKE NECESSARY MEASURES TO PROTECT ALL NEW FACILITIES DURING THE CONSTRUCTION PERIOD UNTIL THE DESIGN GRADE AND COVER HAVE BEEN REACHED AND WORK HAS BEEN ACCEPTED BY OWNER.
- CONTRACTOR IS TO REMAIN WITHIN THE CONTRACT LIMITS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ADJACENT SURFACE IMPROVEMENTS DURING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY SETTLEMENT OF, OR DAMAGE TO, EXISTING NEW UTILITIES AND FACILITIES, INCLUDING WORK DONE WITHIN THE WARRANTY PERIOD.
- ALL ON-SITE PAVEMENT SECTIONS, GRADING, EXCAVATION, BACKFILLING, AND OTHER EARTHWORK OPERATIONS SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS PREPARED FOR THIS PROJECT. STRUCTURAL FILL, BEDDING, IMPORTED BACKFILL, GRANULAR SUBBASE, BASE COURSE AND ASPHALTIC CONCRETE MATERIALS SHALL MEET THE REQUIREMENTS OUTLINED IN THE PROJECT SPECIFICATIONS. ALL EARTHWORK AND PAVING IN CITY R.O.W. SHALL MEET CITY SPECS.
- COORDINATE GAS INSTALLATION WITH THE GAS COMPANY. GAS COMPANY WILL ROUTE GAS TO THE METER LOCATION SHOWN ON THE PLANS. ACCOMMODATE GAS COMPANY CONTRACTOR ON SITE DURING GAS LINE INSTALLATION.
- SEE SHEET CD-11 FOR SURVEY CONTROL. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION STAKING THAT MAY BE NEEDED TO COMPLETE THE JOB.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS AND TRAFFIC PERMITS AND TRAFFIC CONTROL PLANS FOR ALL WORK IN CITY R.O.W. (EXISTING AND NEW ROADWAYS) PRIOR TO BEGINNING WORK.
- CONTRACTOR SHALL COORDINATE CONSTRUCTION AND INSTALLATION OF ELECTRICAL, TELEPHONE, NATURAL GAS, AND SERVICES WITH THE UTILITY COMPANY. ASSOCIATED UTILITY COMPANY FEES WILL BE PAID AS OUTLINED IN CONTRACT GENERAL CONDITIONS. CONTRACTOR TO PROVIDE ELECTRICAL AND TELEPHONE LINE TRENCHING AND BACKFILL. COORDINATE LOCATIONS WITH ROCKY MOUNTAIN POWER AND CENTURY LINK. COORDINATE GAS AND SCHEDULE WITH ENBRIDGE GAS, CENTURY LINK, AND ROCKY MOUNTAIN POWER FOR CONNECTION OF THESE UTILITIES TO THE NEW BUILDING. GAS, TELEPHONE AND POWER ALL MUST BE EXTENDED TO THE SITE FROM THE NEW DEVELOPMENT IN THE AREA. COORDINATE WITH THESE UTILITIES FOR LOCATION OF THESE NEW EXTENSIONS.
- THE USE OF MOTOR OILS AND OTHER PETROLEUM-BASED OR TOXIC LIQUIDS, FOR DUST SUPPRESSION, IS ABSOLUTELY PROHIBITED.
- NO DRIVEWAY SHALL BE CONSTRUCTED TO CONVEY STORM RUNOFF TOWARDS ANY BUILDING.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, MAINTAINING, OR RESTORING ALL MONUMENTS AND MONUMENT REFERENCE MARKS WITHIN THE PROJECT SITE. CONTACT THE CITY OR COUNTY SURVEYOR FOR MONUMENT LOCATIONS AND CONSTRUCTION DETAILS.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFORMING TO LOCAL AND FEDERAL CODES GOVERNING SHORING AND BRACING OF EXCAVATIONS AND TRENCHES AND FOR THE PROTECTION OF WORKERS.
- CONTACT FOR UTILITY COORDINATION INCLUDE:  
SEWER- CENTRAL DAVIS SEWER DISTRICT: 801-451-2190  
WATER- KAYSVILLE PUBLIC WORKS: 801-544-8112  
STORM- KAYSVILLE PUBLIC WORKS STORM WATER HOTLINE: 801-487-7125  
IRRIGATION- HIGHTS CREEK IRRIGATION: 801-546-2442  
GAS- ENBRIDGE GAS: 800-323-5517  
POWER- KAYSVILLE CITY POWER AND LIGHT: 801-544-8525
- THERE IS NO LANDSCAPE DEMOLITION PLAN OR REPAIR PLAN IN THIS PACKAGE. CONTRACTOR IS EXPECTED TO REMOVE AND REPLACE EXISTING LANDSCAPE AND SPRINKLER SYSTEM WITHIN THE PROJECT LIMIT LINE OF THE AFFECTED AREAS. COORDINATE WITH OWNER A MINIMUM OF 4" TOPSOIL IS REQUIRED UNDER ALL NEW SOIL. THE REVERSE SPRINKLER SYSTEM FOR THE AFFECTED AREAS SOUTH OF THE NEW SITE TO MATCH THE EXISTING SYSTEM (SPRINKLER HEADS, VALVING, AND PIPE SIZE). REFER TO THE LANDSCAPE PLANS FOR NEW IRRIGATION SYSTEM ON SITE AND FOR REPAIR TO THE SYSTEM SOUTH OF THE NEW SITE.
- CONTRACTOR TO COORDINATE INSTALLATION OF ALL LANDSCAPE SLEEVES PRIOR TO FORMING CONCRETE SIDEWALKS, RETAINING WALLS, SEAT WALLS OR STAIR WALLS. SEE LANDSCAPE PLANS.



NOTES:

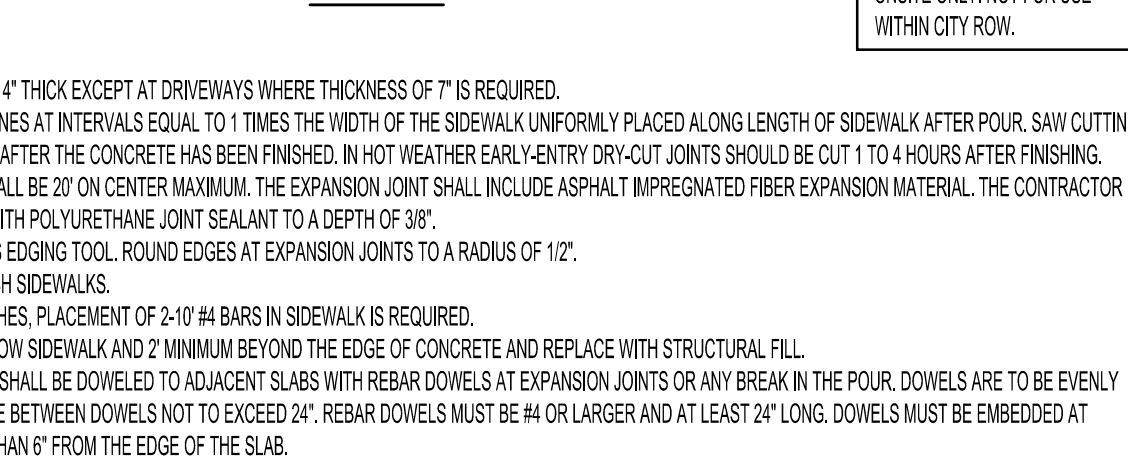
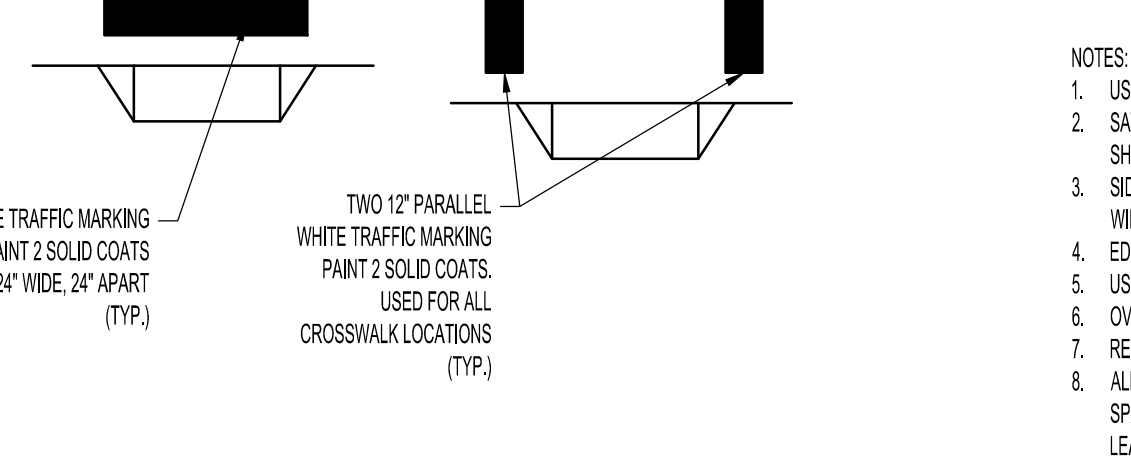
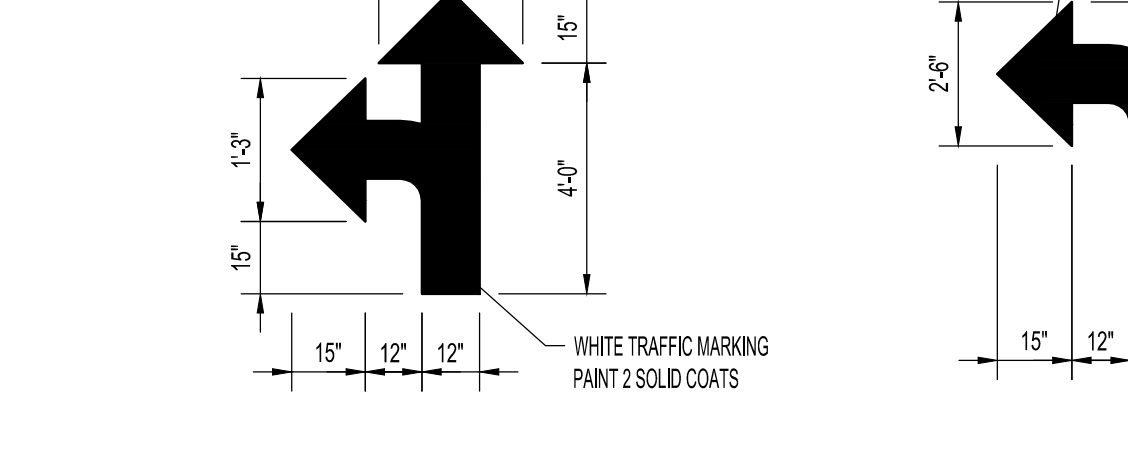
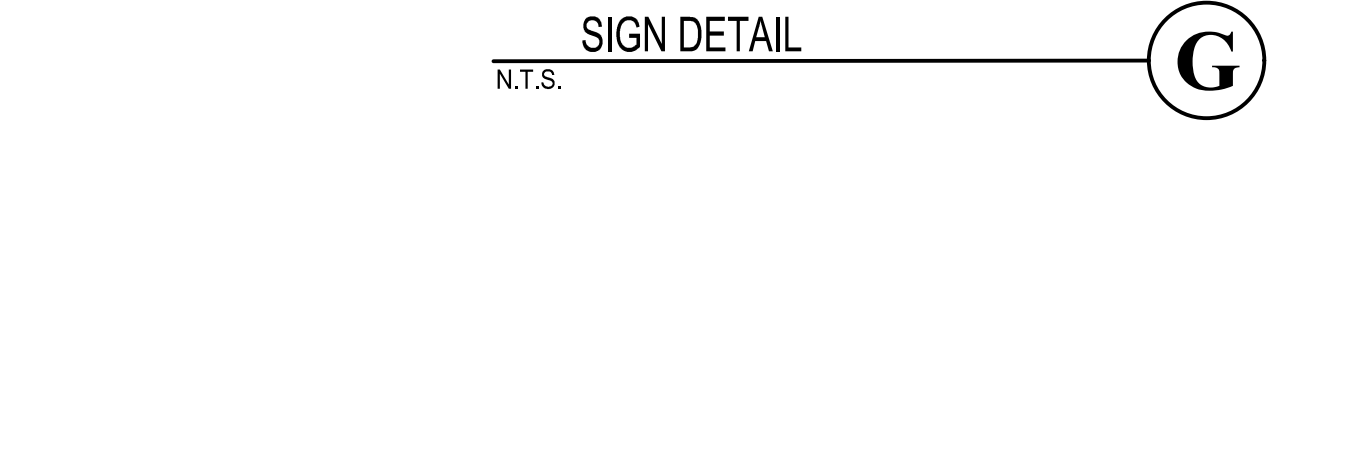
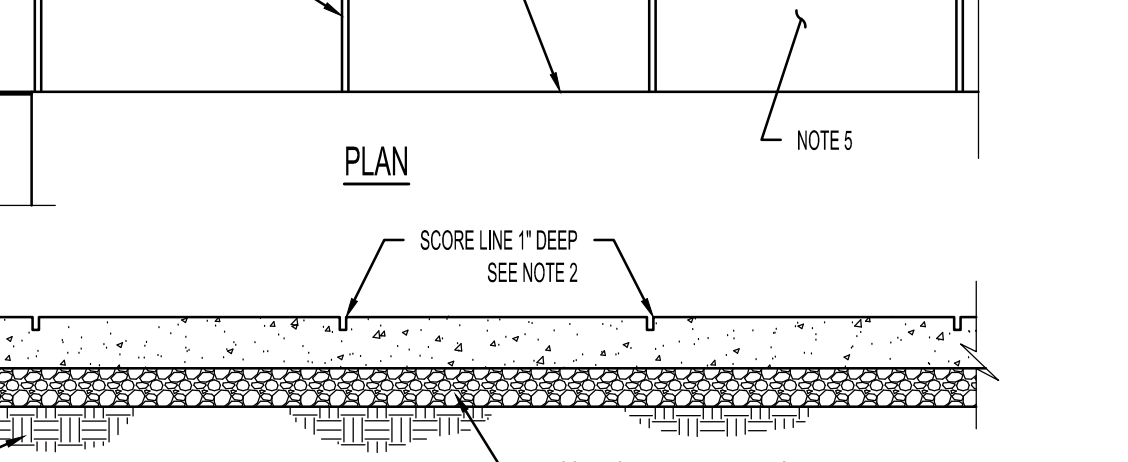
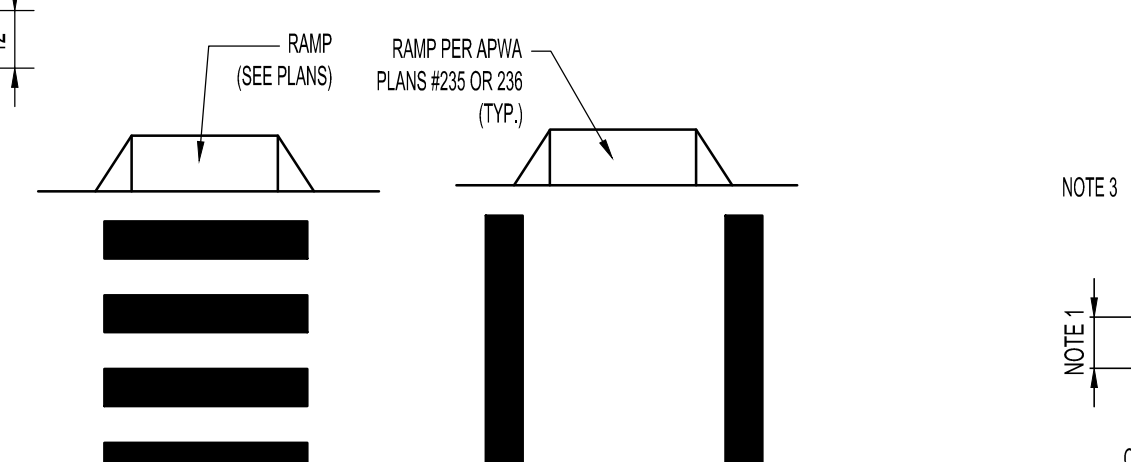
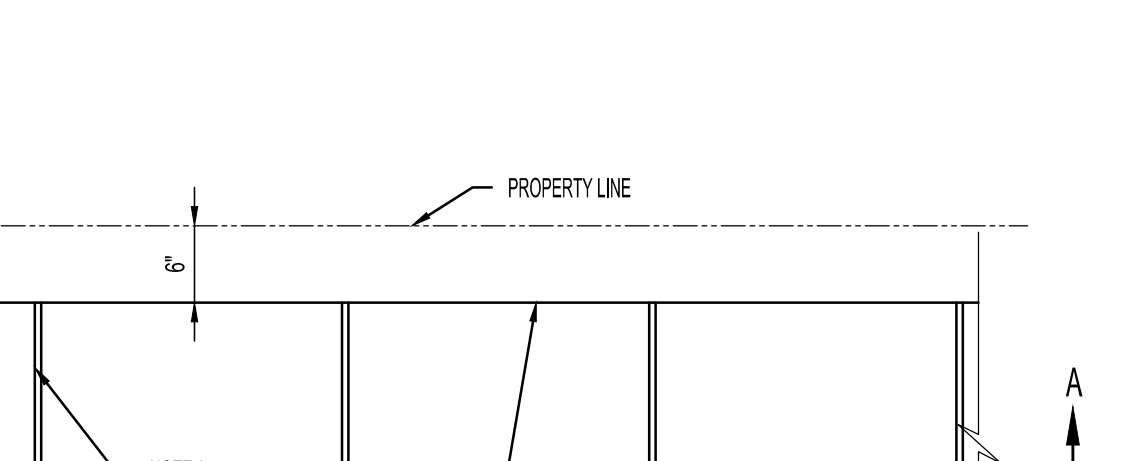
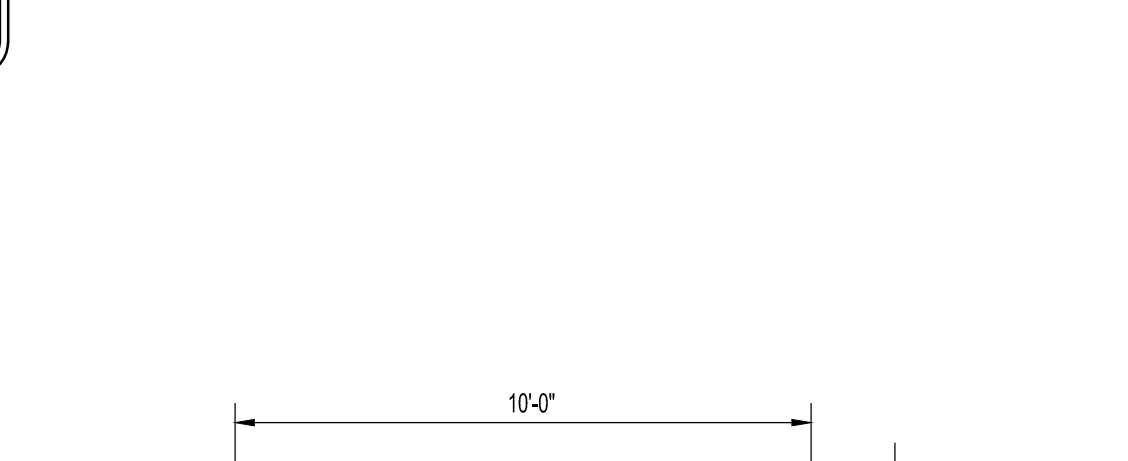
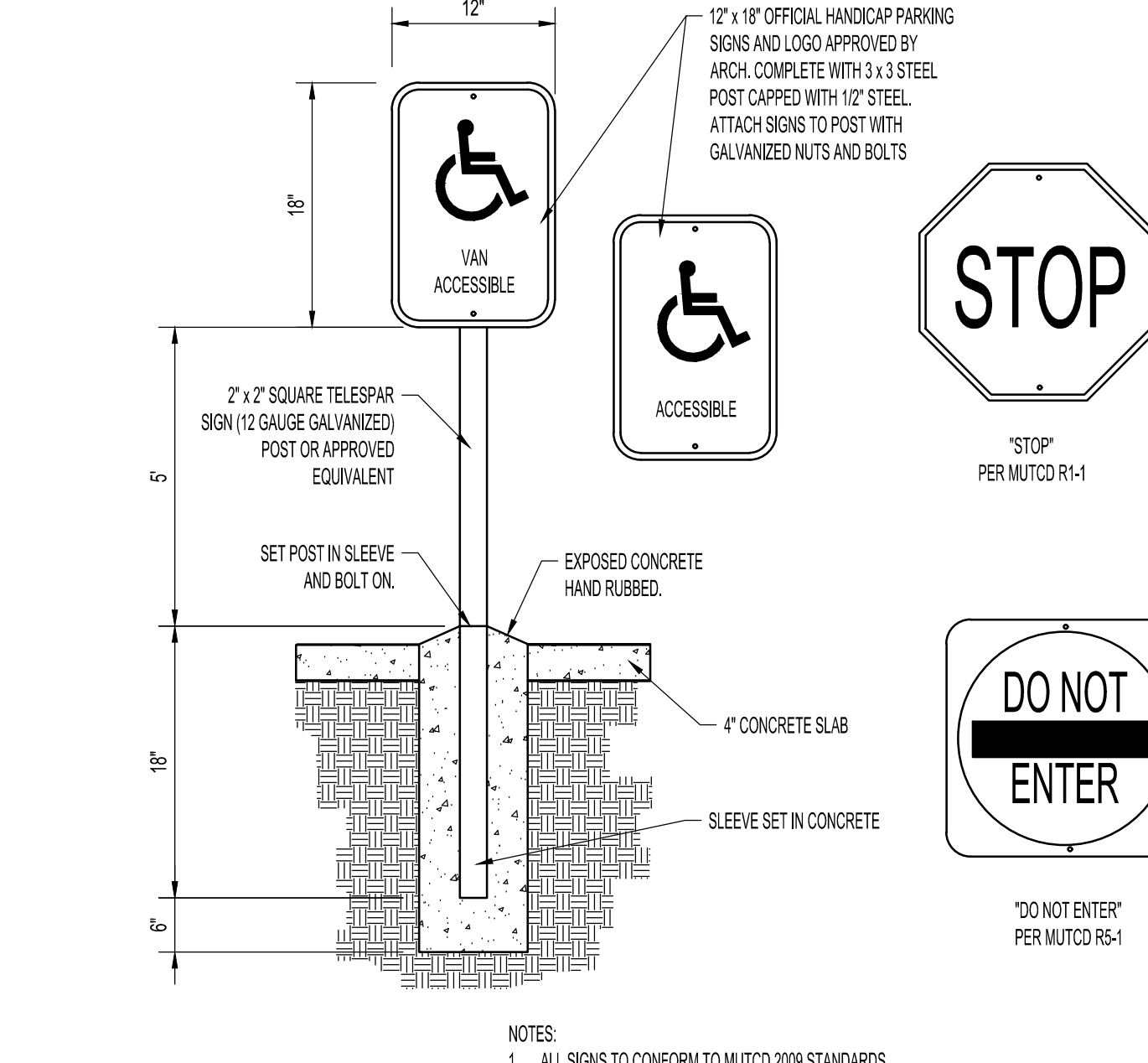
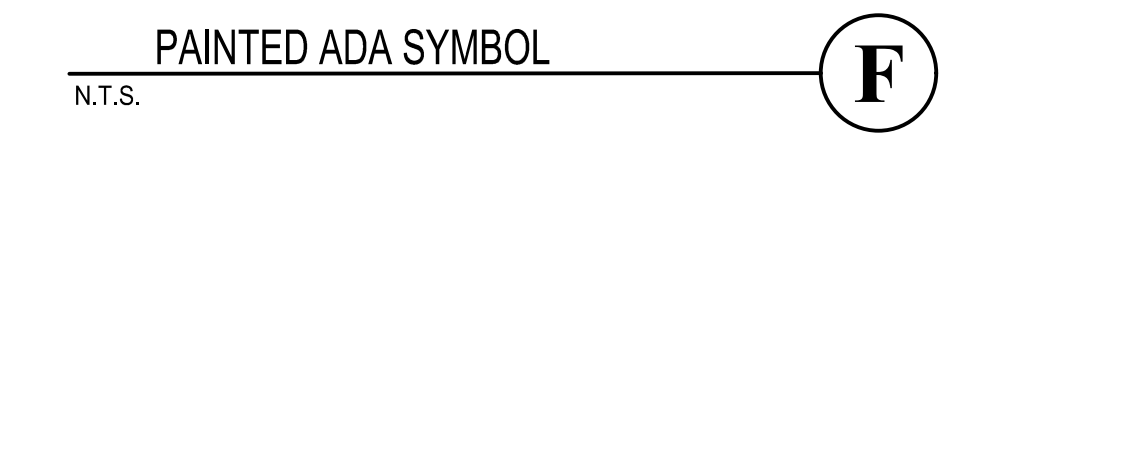
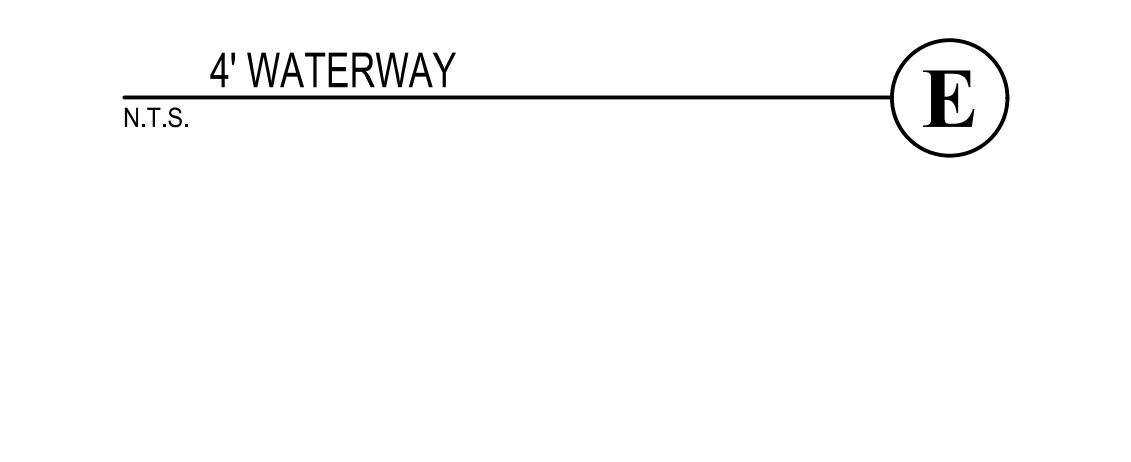
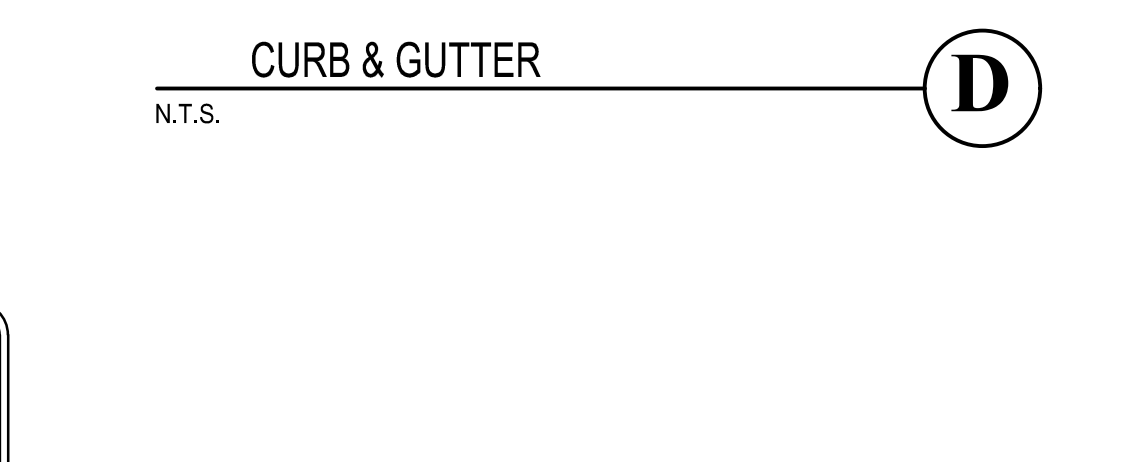
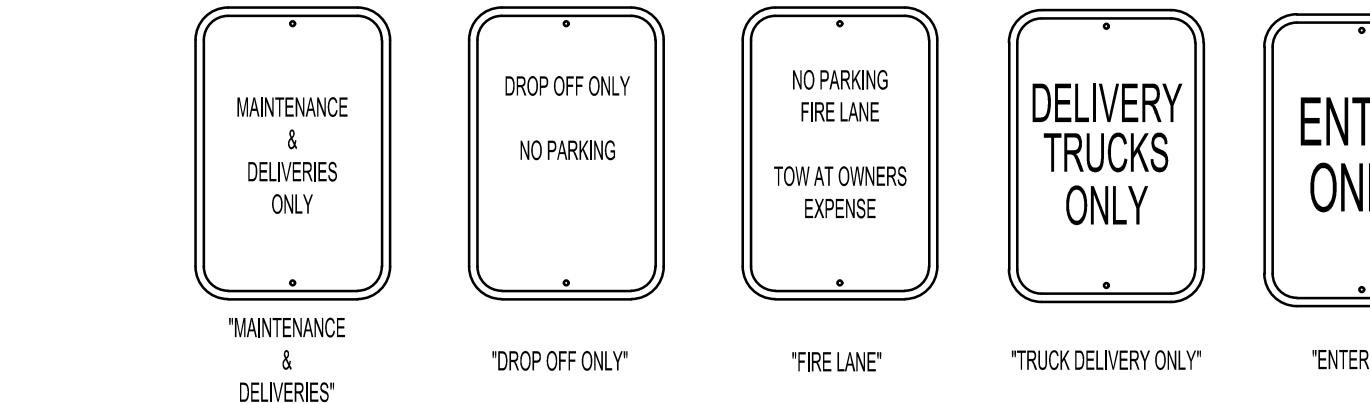
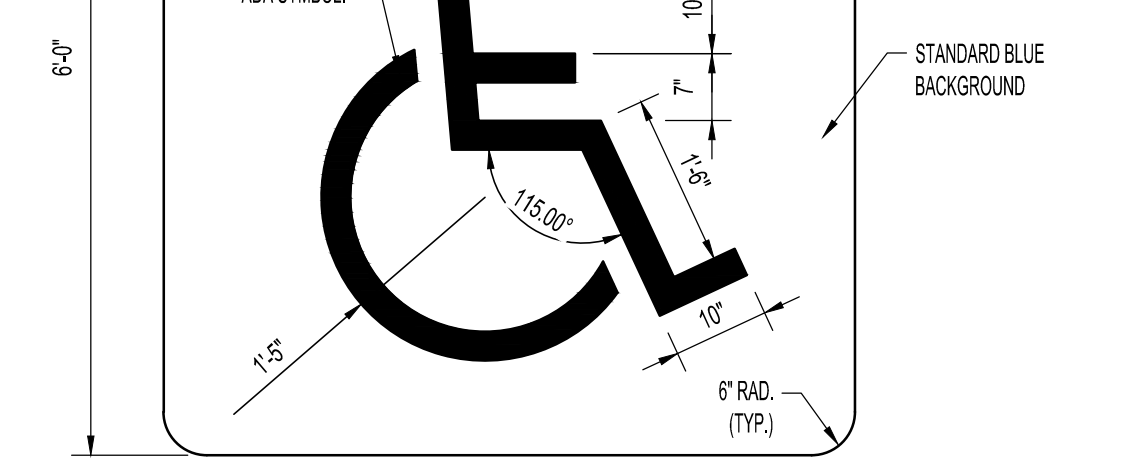
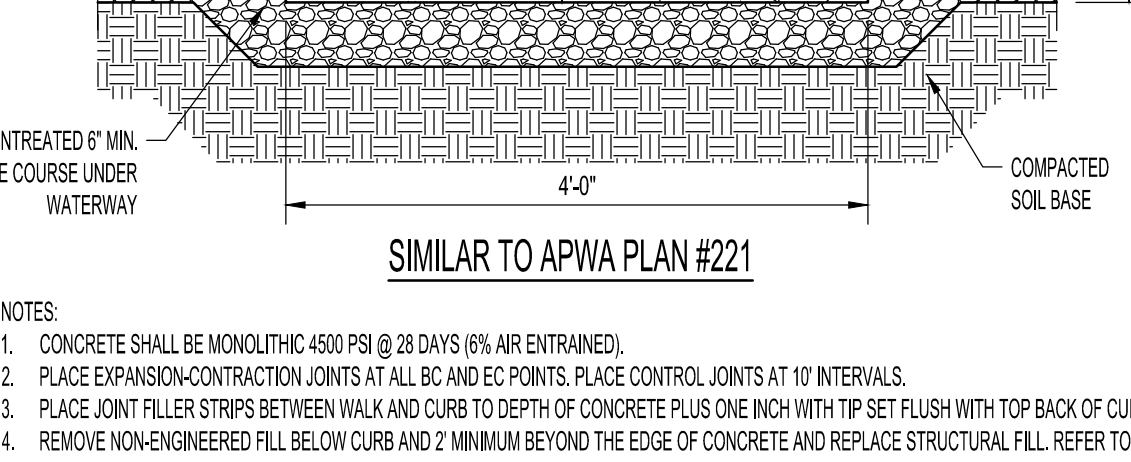
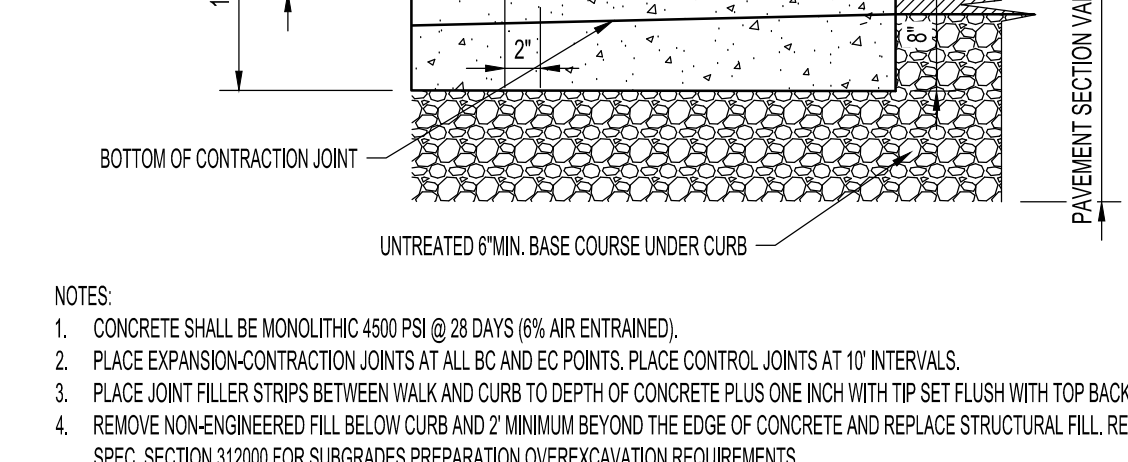
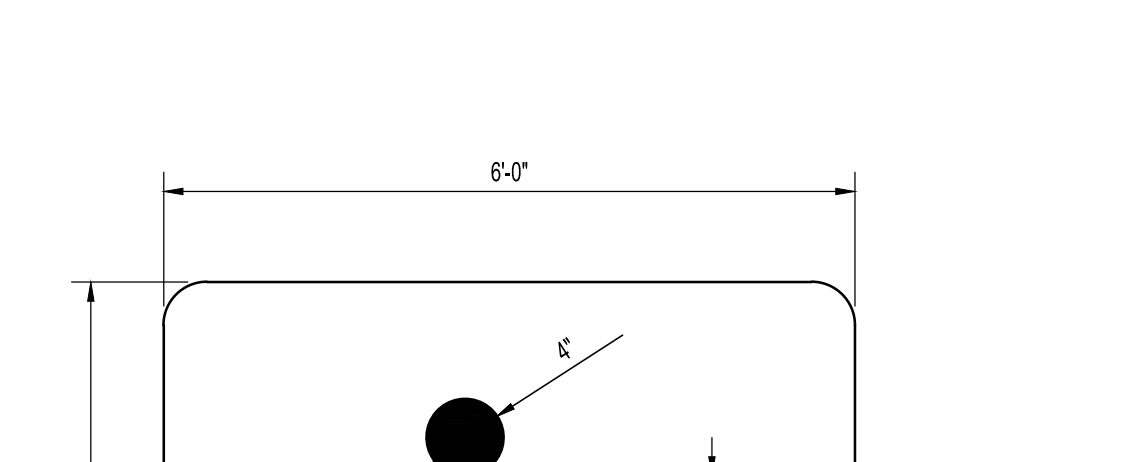
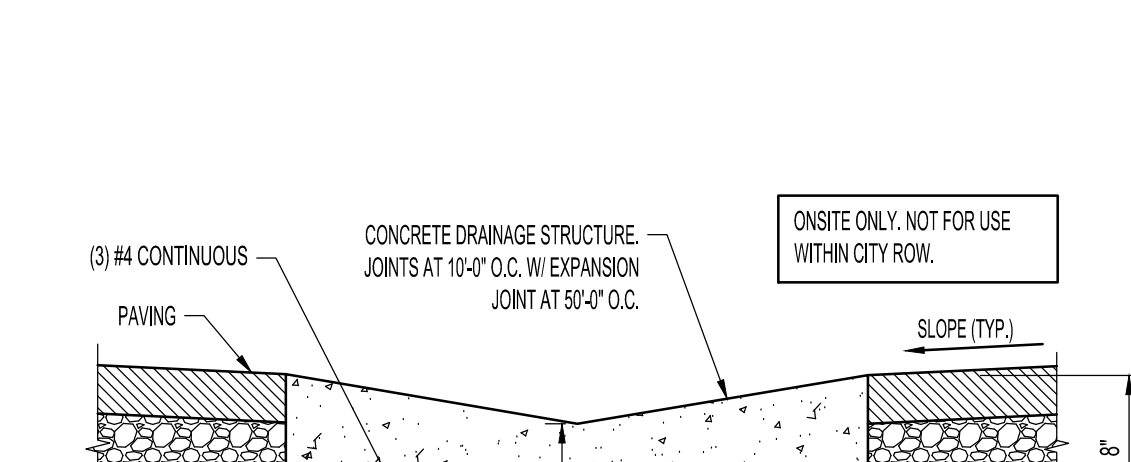
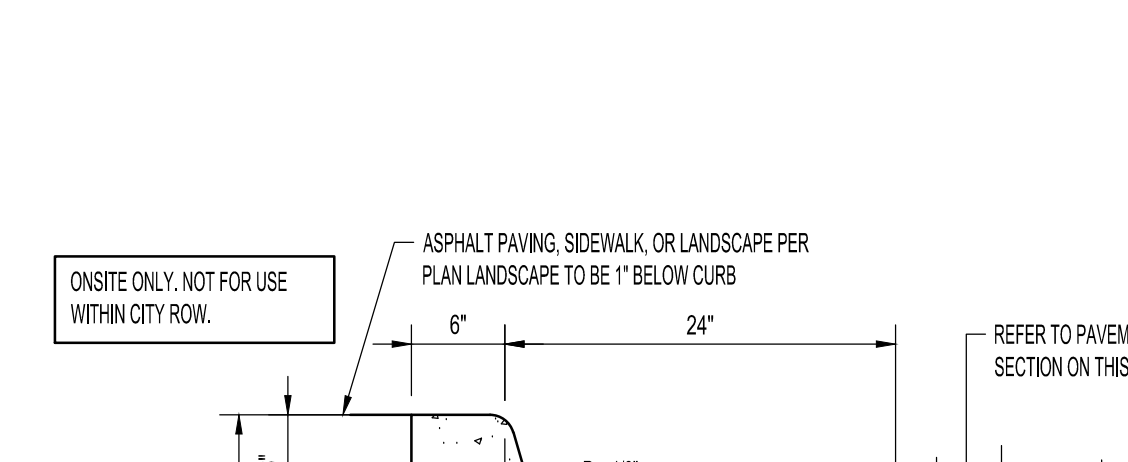
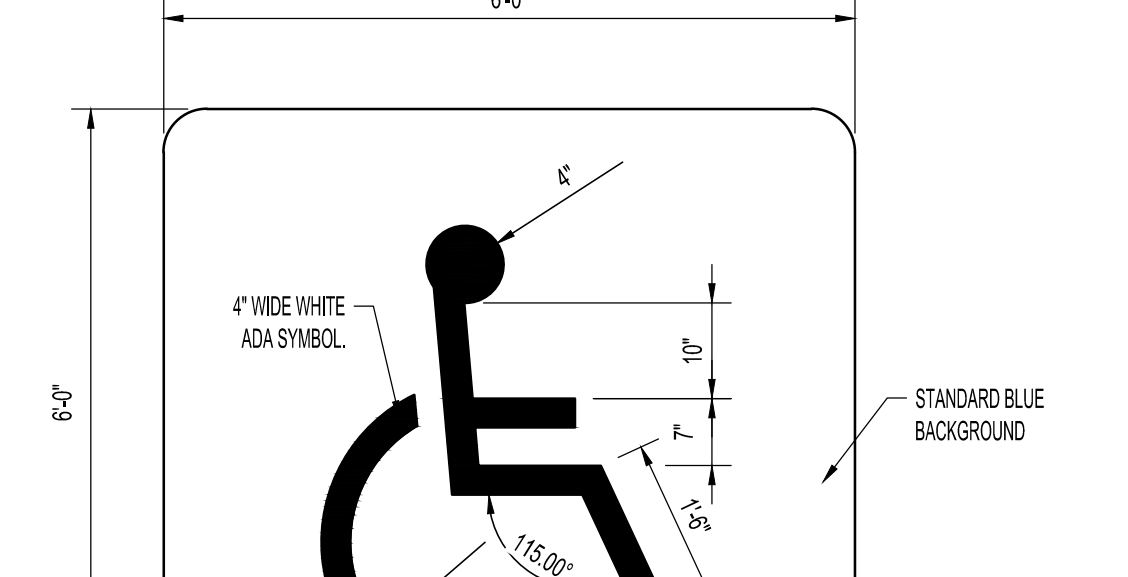
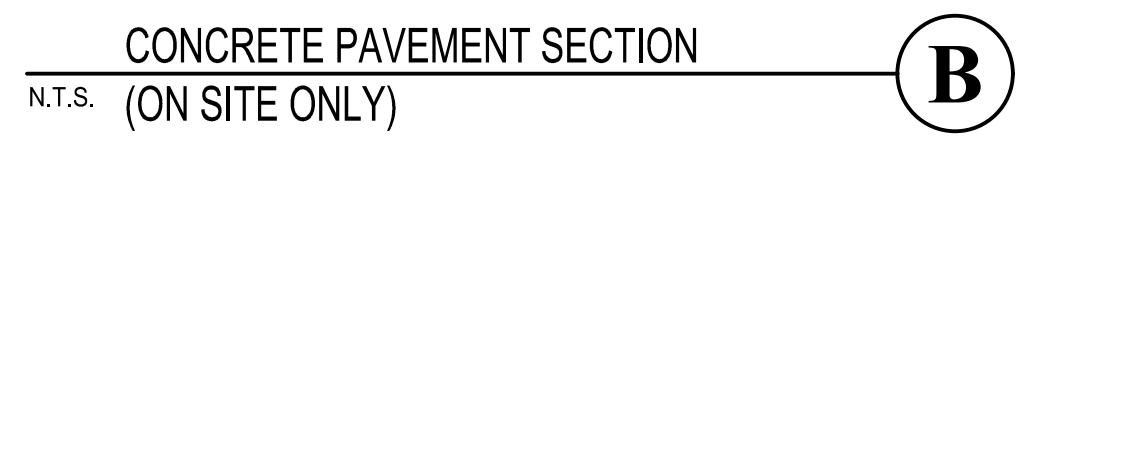
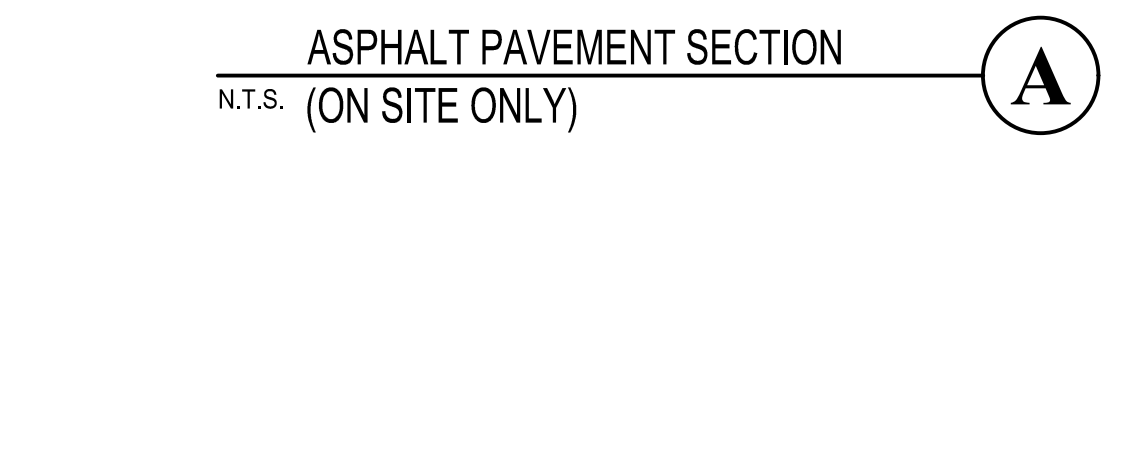
- USE FOR PARKING AREAS OR OTHER ON-SITE PAVING.
- PROOF ROLL NATURAL SUBGRADE PER SPECS.
- PAVEMENT CONSTRUCTION DURING WET PERIODS WILL REQUIRE 12" OF GRANULAR FILL MATERIAL PLACED DIRECTLY BELOW THE GRANULAR FILL SUBBASE LAYER. INSTALL GEOTEXTILE FABRIC (MIN 40 G/SM OR EQUIVALENT) WHERE SUBGRADE COMPACTION IS NOT FEASIBLE. PROVIDE ADDITIONAL FILL & FABRIC IF NECESSARY FOR COMPLETION SCHEDULE AT NO ADDITIONAL COST TO OWNER.
- ASPHALT MIX TO COMPLY WITH APWA SPECIFICATIONS.
- STREET REPAIR IN CITY RIGHT OF WAY TO MEET CITY STANDARD. ROADWAY REPAIR ON SITE TO INCREASE AGGREGATE BASE TO 10".

NOTES:

- USE FOR CONCRETE PAVING WITH VEHICLE TRAFFIC. AS INDICATED BY HATCH ON CIVIL SITE LAYOUT PLAN FOR DRIVEWAY, SIDEWALK AND DRIVEWAYS INCREASE CONCRETE TO 7" THICKNESS AS NOTED ON PLANS. REFER TO ARCHITECTURAL SPECS.
- PROOF ROLL NATURAL SUBGRADE PER SPECS.
- PAVEMENT CONSTRUCTION DURING WET PERIODS WILL REQUIRE 12" OF GRANULAR FILL MATERIAL PLACED DIRECTLY BELOW THE GRANULAR FILL SUBBASE LAYER. INSTALL GEOTEXTILE FABRIC (MIN 40 G/SM OR EQUIVALENT) WHERE SUBGRADE COMPACTION IS NOT FEASIBLE. PROVIDE ADDITIONAL FILL & FABRIC IF NECESSARY FOR COMPLETION SCHEDULE AT NO ADDITIONAL COST TO OWNER.
- SEALED CONSTRUCTION JOINTS TO BE 1/2" DEEP JOINT PATTERN AS OUTLINED ON ARCHITECTURAL SITE PLANS. 15" MAXIMUM SPACING.
- SEAL ALL EXPANSION JOINTS PER SPECS.

NOTES:

- CONCRETE SHALL BE MONOLITHIC 4500 PSI @ 28 DAYS (8% AIR ENTRAINMENT).
- PLACE EXPANSION-CONTRACTION JOINTS AT ALL BC AND EC POINTS. PLACE CONTROL JOINTS AT 10' INTERVALS.
- PLACE JOINT FILLER STRIPS BETWEEN WALK AND CURB TO DEPTH OF CONCRETE PLUS ONE INCH WITH TOP SET FLUSH WITH TOP BACK OF CURB.
- REMOVE NON-ENGINEERED FILL BELOW CURB AND 2' MINIMUM BEYOND THE EDGE OF CONCRETE AND REPLACE STRUCTURAL FILL. REFER TO SPEC. SECTION 31200 FOR SUBGRADE PREPARATION OVER EXCAVATION REQUIREMENTS.
- ASPHALT ELEVATION CHANGES SHOULD BE SMOOTHED IN CURBS.



# CRSA

PROJECT **24-038**

BID PACKAGE #1 2024-08-26

REVISIONS

NO.	DATE	DESCRIPTION
1	09/02/24	ADDENDUM #1
2	11/25/2024	ADDENDUM #6

## DAVIS TECHNICAL COLLEGE WELDING TECHNOLOGY BUILDING

550 EAST 300 SOUTH,  
KAYSVILLE, UT 84037

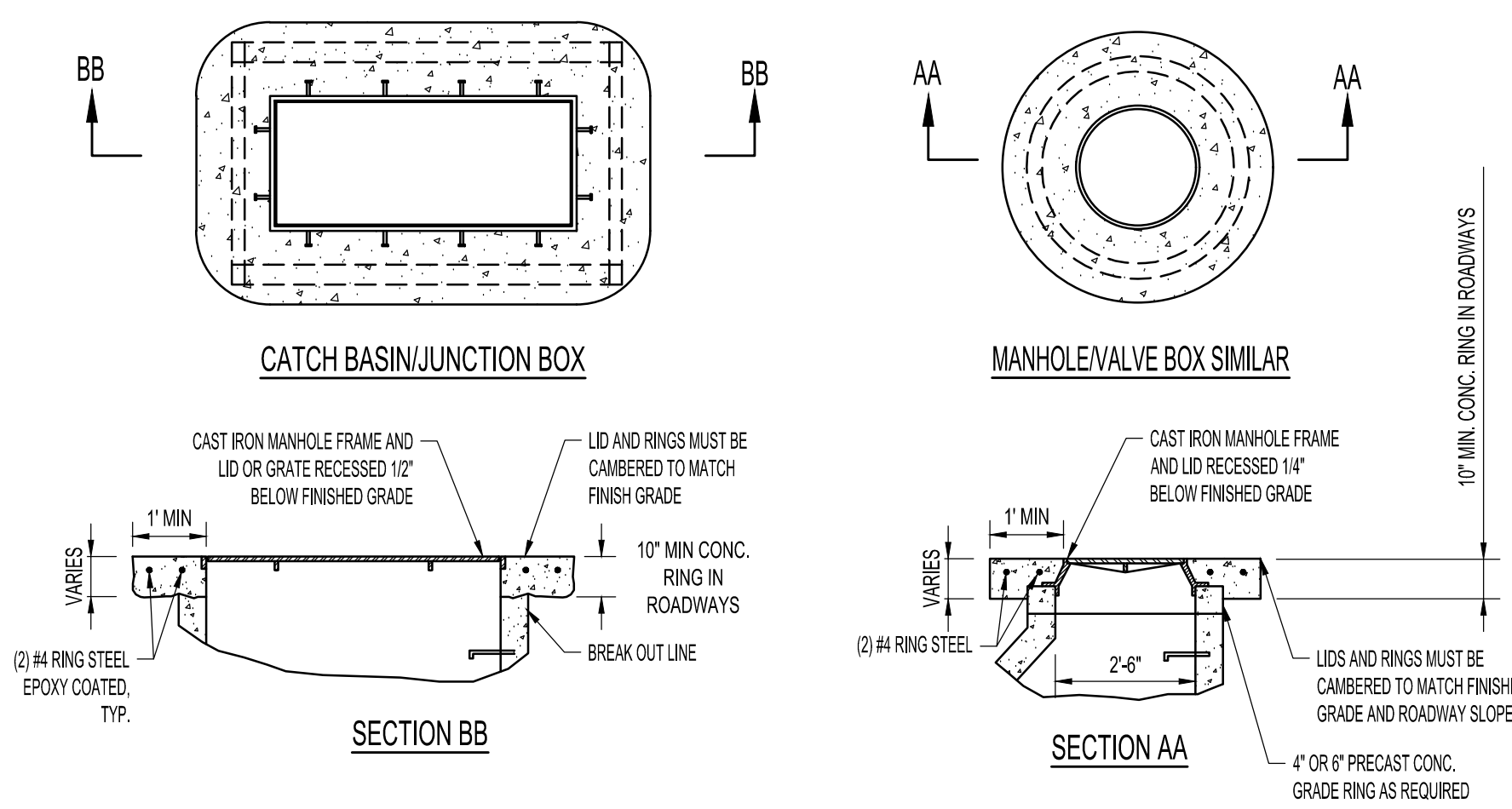
**DAVISTECH**  
DAVIS TECHNICAL COLLEGE

GENERAL NOTES AND DETAILS

# C100.1

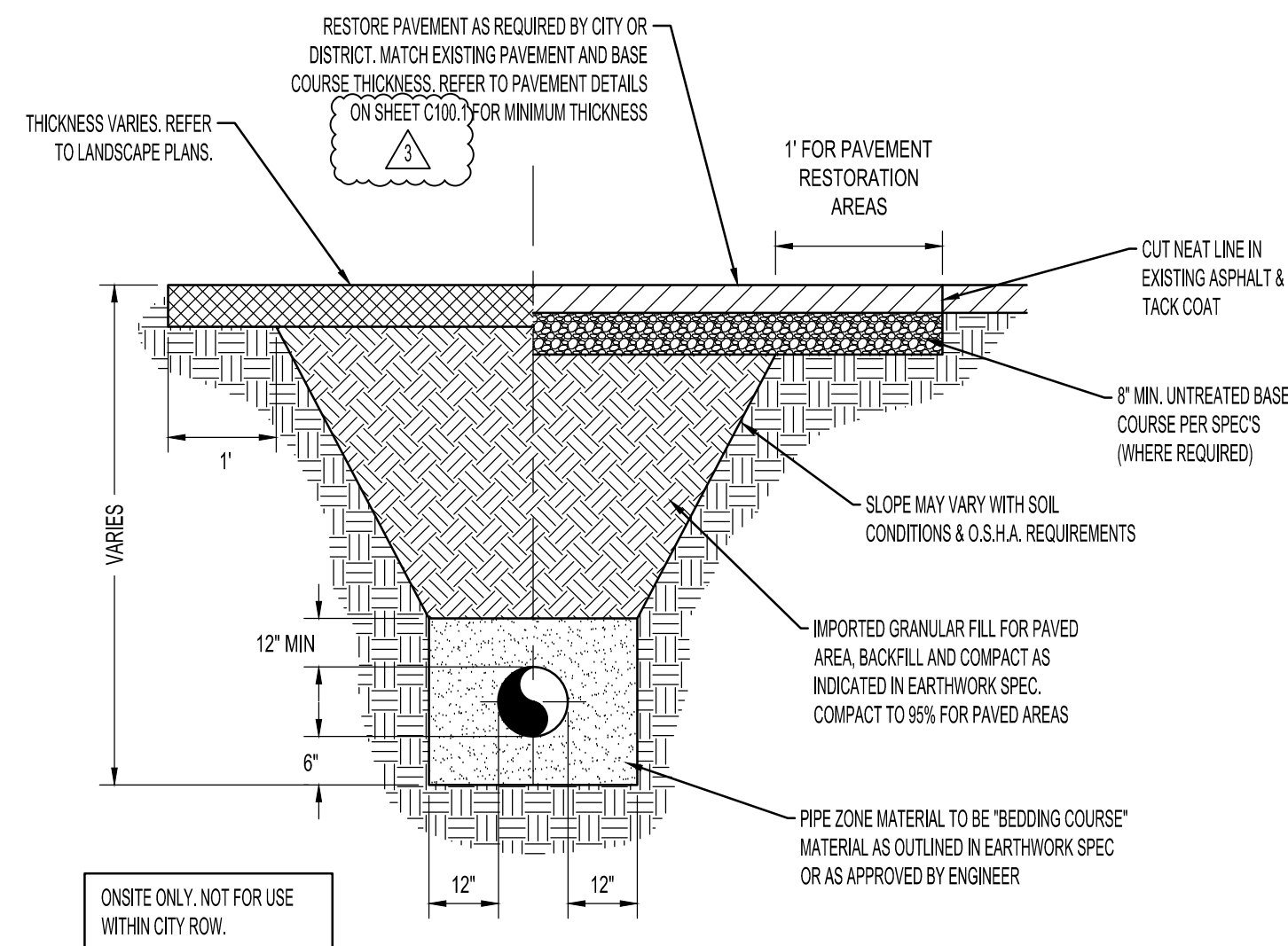
(801) 355-5915

REVISIONS		
NO.	DATE	DESCRIPTION
1	09/02/24	ADDENDUM #1
2	10/02/24	ADDENDUM #2
3	11/25/24	ADDENDUM #6

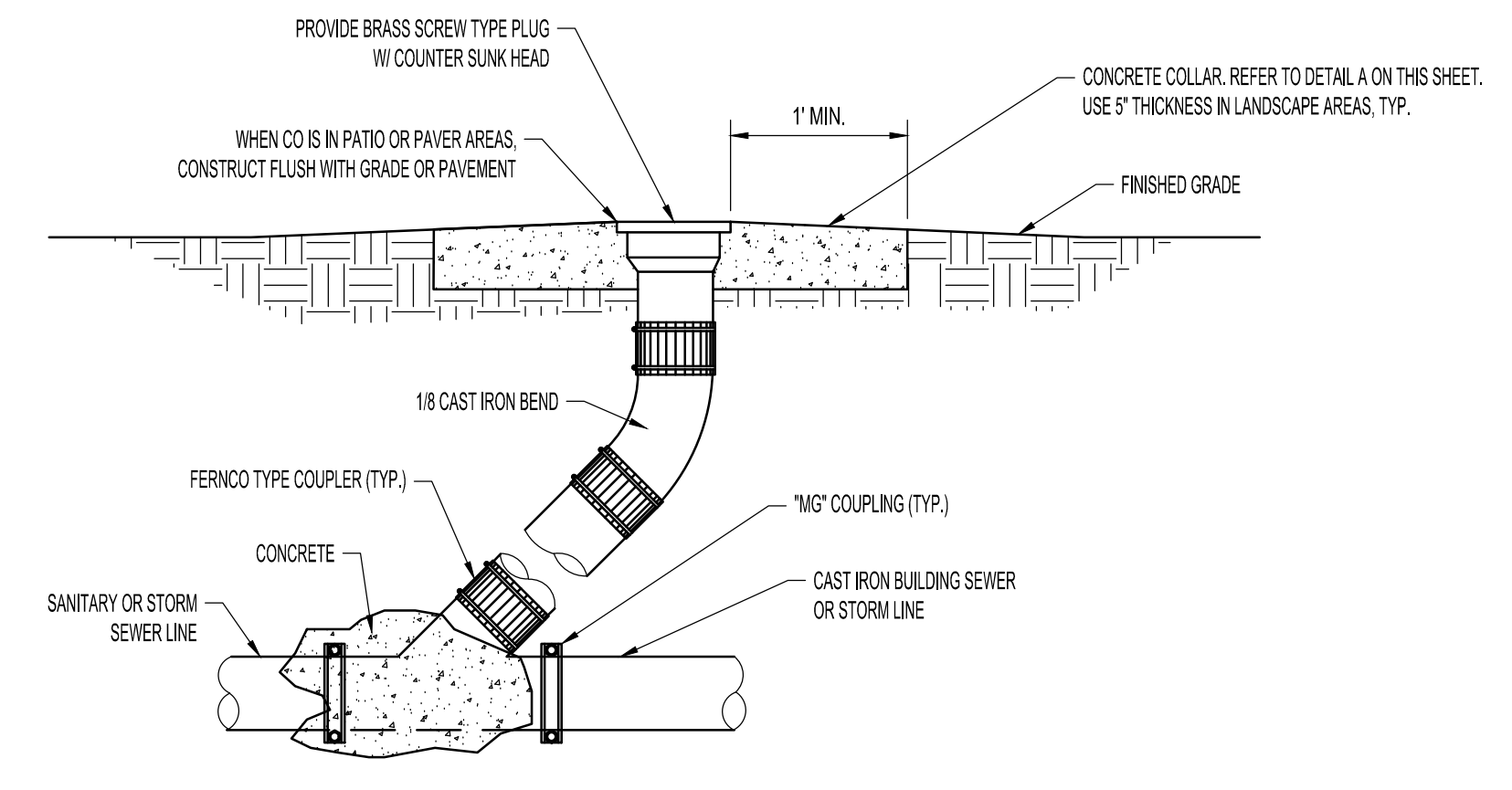


- NOTES:
- REQUIRED FOR EXISTING OR NEW CATCH BASINS (OUTSIDE OF C&G), CLEAN OUTS, VALVES OR MANHOLES AND ALL OTHER UTILITY STRUCTURES IN THE PROJECT LIMITS.
  - WHERE CONCRETE PAVING IS COMPLETED AROUND UTILITY STRUCTURE, USE REINFORCEMENT SHOWN AROUND THE UTILITY STRUCTURE.
  - CONCRETE COLLARS ARE REQUIRED ON ALL STRUCTURES INCLUDING IN LANDSCAPE AREAS.

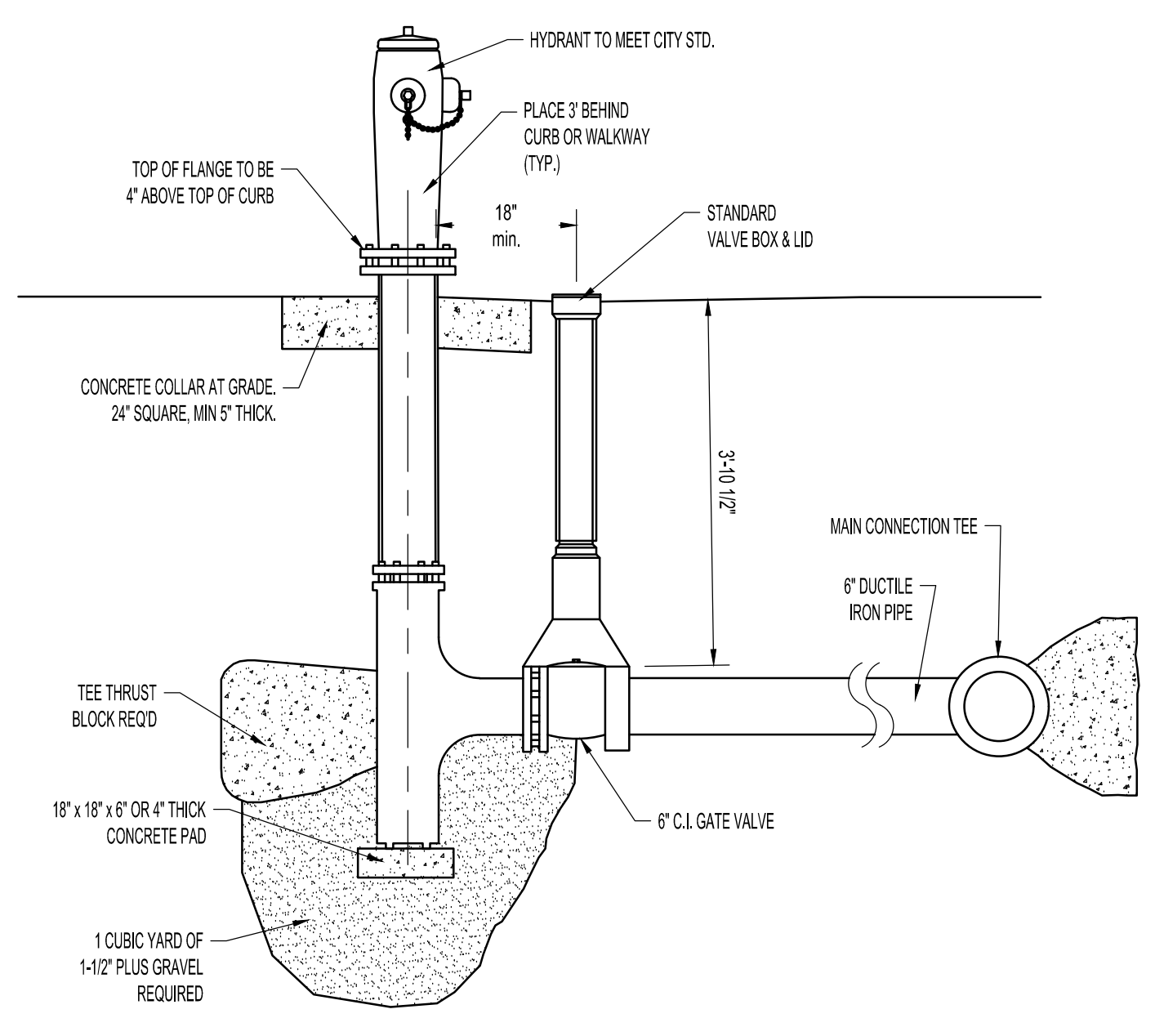
**CONCRETE RING AROUND SURFACE UTILITY STRUCTURES** (A)



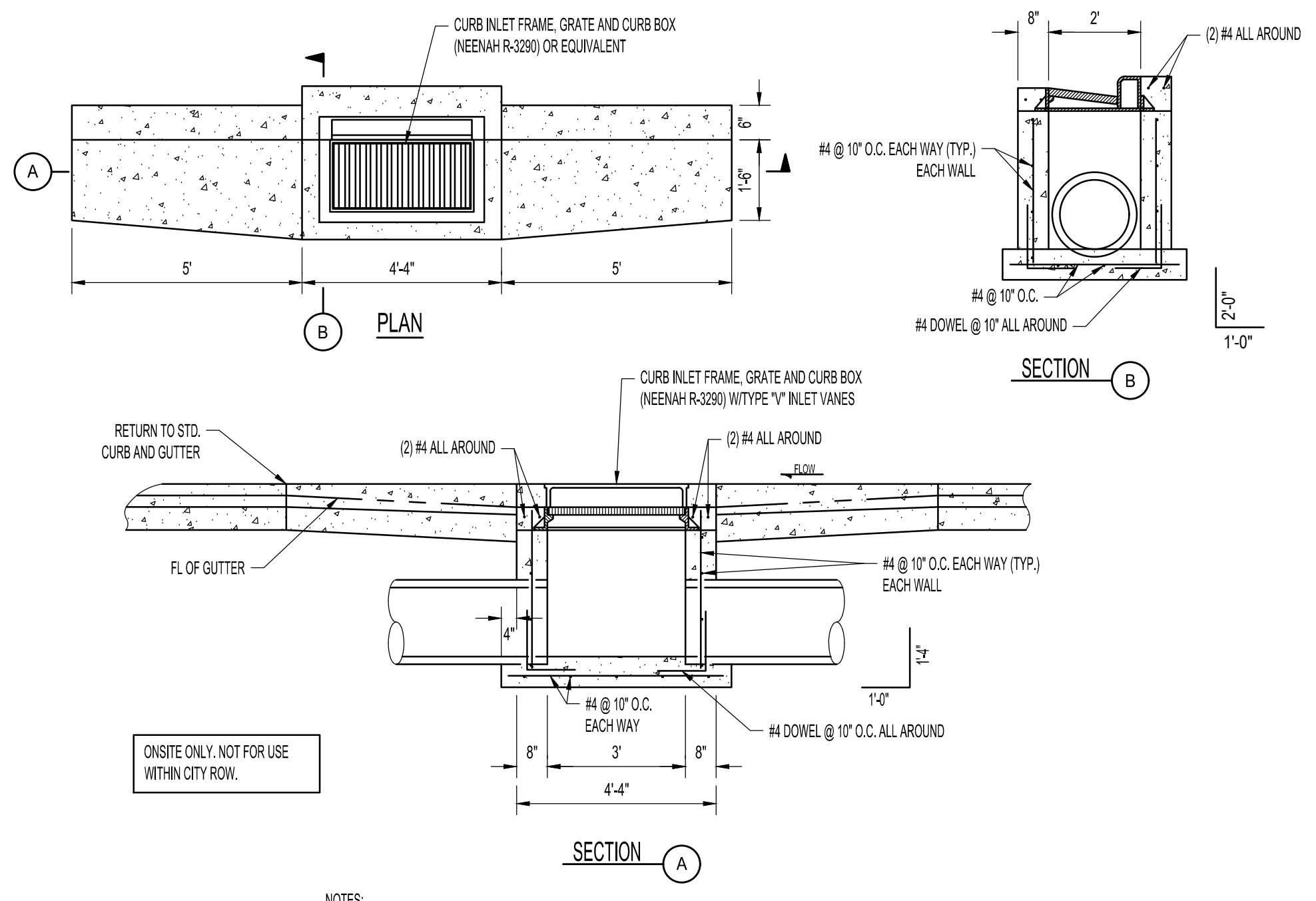
**TYPICAL TRENCH AND SURFACE REPAIR** (B)



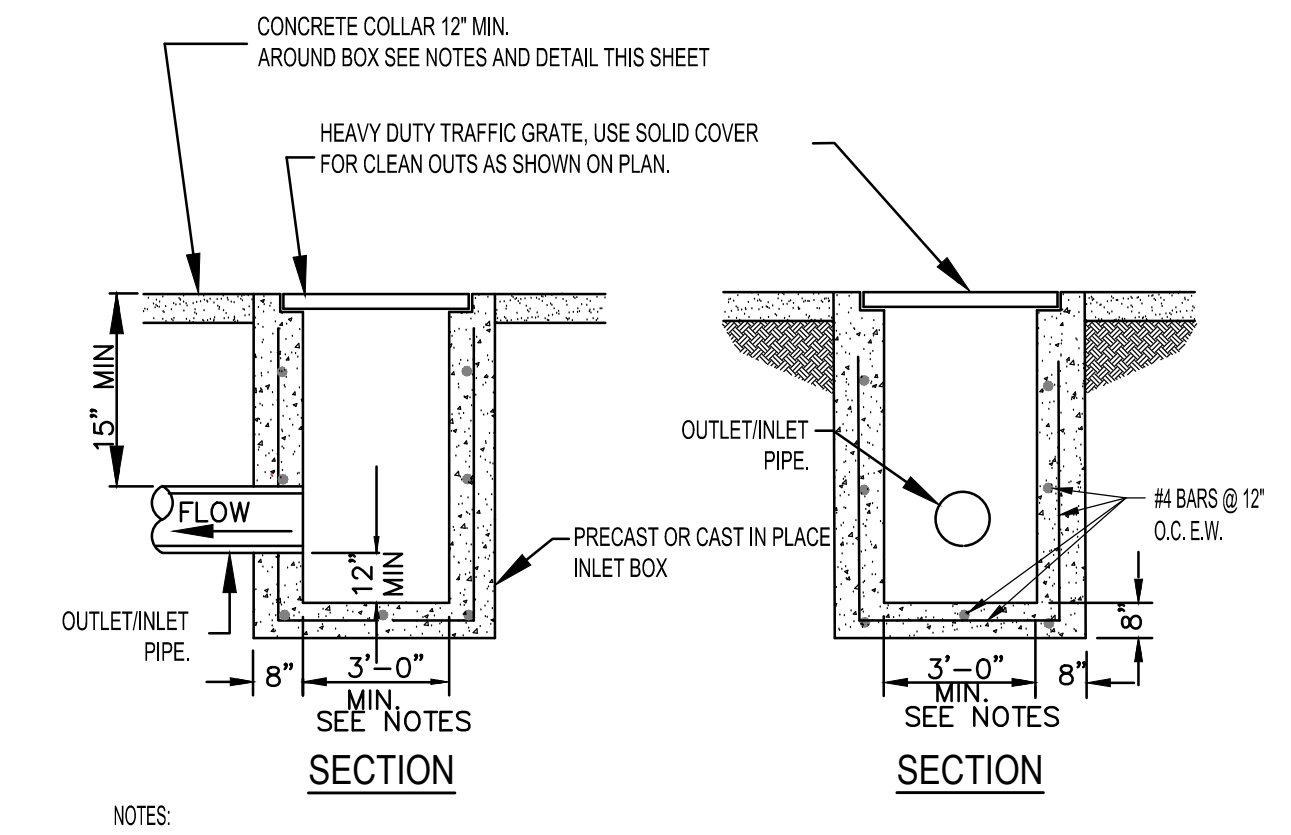
**STORM/SANITARY SEWER CLEAN OUT** (C)



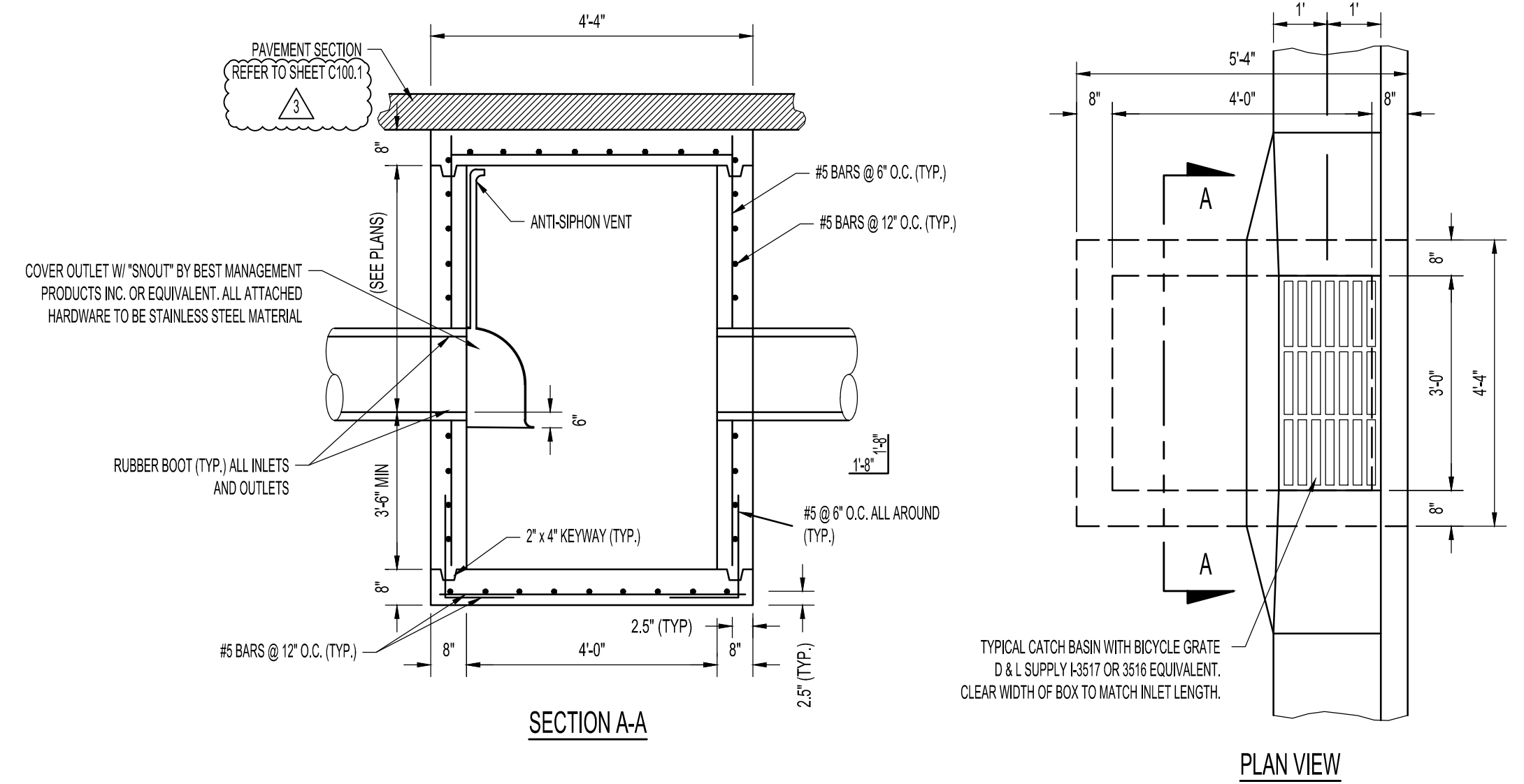
**FIRE HYDRANT CONNECTION** (D)



**CURB AND GUTTER INLET** (E)



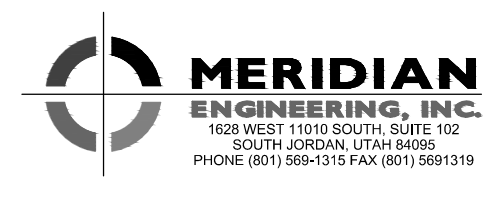
**3'x3' CATCH BASIN** (F)



- NOTES:
- PRECAST BOXES DESIGNED FOR HS-20 TRAFFIC LOAD. PRECAST BOX DIMENSIONS MAY VARY. SUBMIT DIMENSIONS AND DESIGN FOR APPROVAL.
  - CONCRETE 4500 PSI 28-DAY COMPRESSIVE STRENGTH.
  - STEEL GRADE 60 DEFORMED BARS.
  - PRE-TREATMENT BOX-1 REQUIRES TWO SNOUTS, ONE FOR EACH OUTLET FROM THE BOX. SEE PLAN.

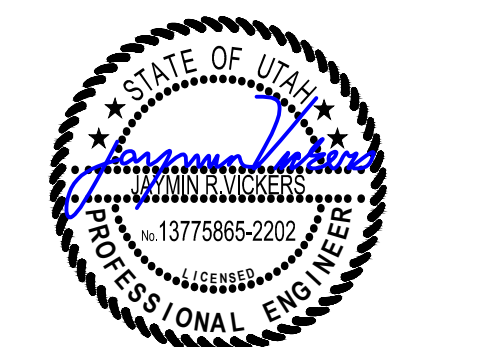
**PRE TREATMENT INLET BOX (PRE CIB)** (G)

**DAVIS TECHNICAL COLLEGE  
WELDING TECHNOLOGY BUILDING**  
550 EAST 300 SOUTH,  
KAYSVILLE, UT 84037

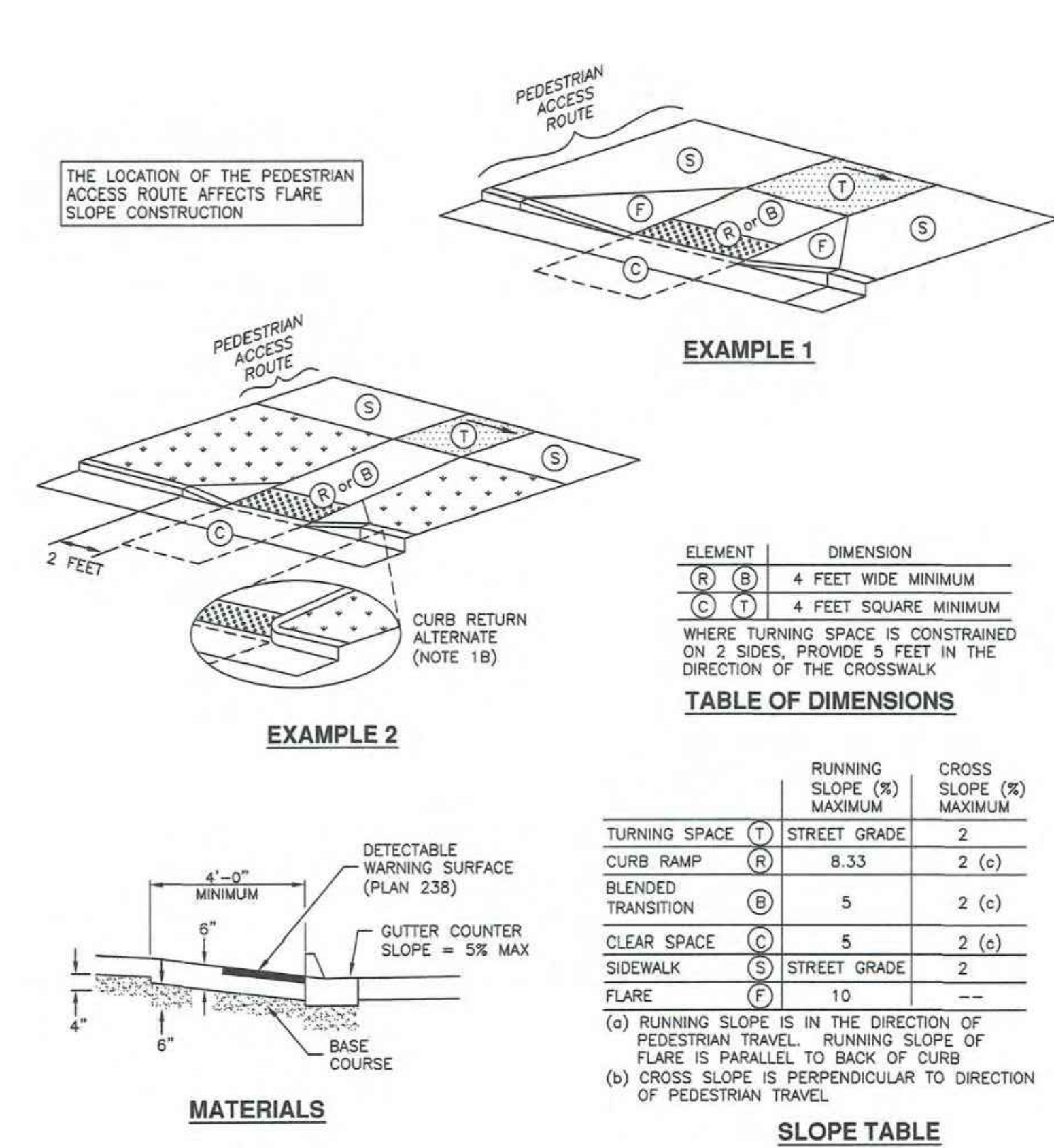


NO.	DATE	DESCRIPTION
1	09/02/24	ADDENDUM #1

**DAVIS TECHNICAL COLLEGE  
WELDING TECHNOLOGY BUILDING**  
 550 EAST 300 SOUTH,  
 KAYSVILLE, UT 84037



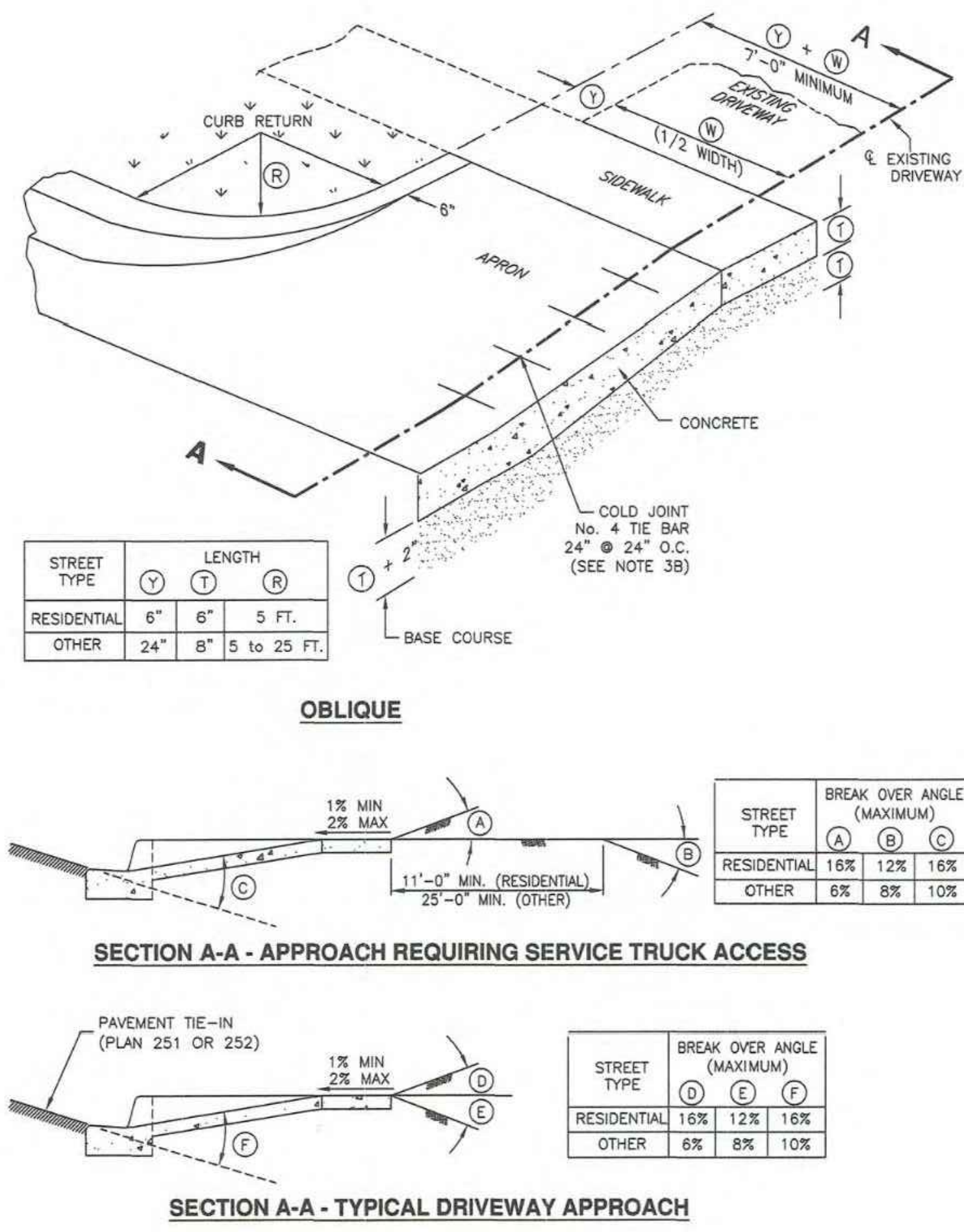
**TURNING SPACE AT SIDEWALK LEVEL**



Plan 236.1  
September 2011

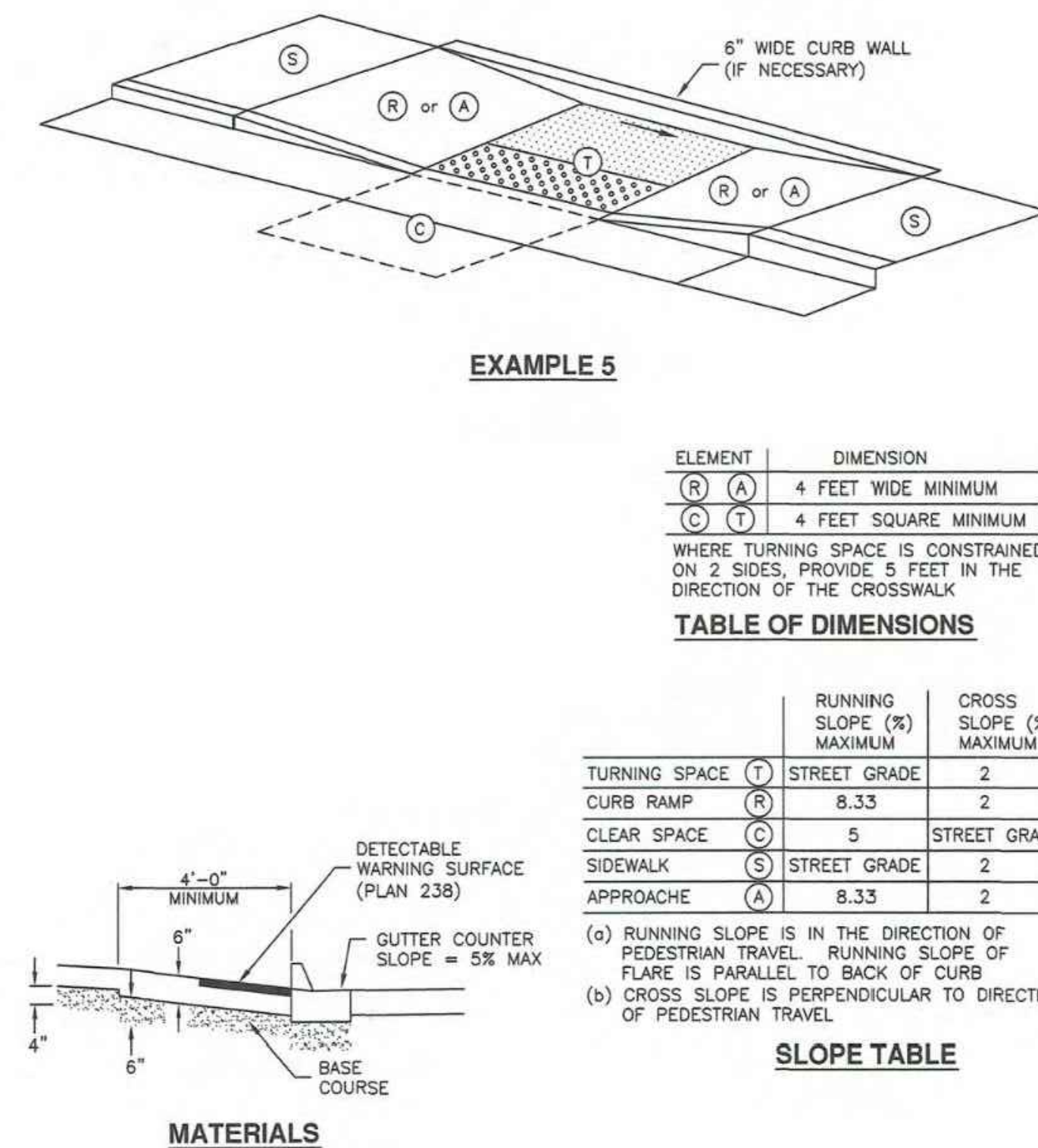
**Midblock curb cut assembly**

- GENERAL**
  - Where existing elements or spaces are altered to receive an assembly, slopes and dimensions shall comply with slopes and dimensions shown on the drawing, or to the maximum extent feasible permitted by the ENGINEER. Final configuration of the assembly may be different than shown.
  - Installation of flares or curb returns is ENGINEER'S choice.
  - Definitions and supplemental requirements are specified in APWA Section 32 16 14.
- PRODUCTS**
  - Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER'S permission.
  - Expansion Joint Filler: 1/2-inch thick type F1 full depth, APWA Section 32 13 73.
  - Detectable Warning Surface: Paver, ribbed composite panel, or tile. Provide a color that contrasts with adjacent walking surface, either light-on-dark or dark-on-light. ENGINEER to select type and color unless indicated elsewhere.
  - Concrete: Class 4000, APWA Section 03 30 04.
  - Concrete Curing Agent: Clear membrane forming compound with fugitive dye (Type ID Class A), APWA Section 03 39 00.
- EXECUTION**
  - Base Course Placement: APWA Section 32 05 10. Maximum lift thickness before compaction is 8-inches when using riding equipment or 6-inches when using hand held equipment. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
  - Curb Modifications:
    - The sloped surface created to accommodate a flare area shall be perpendicular to the back of curb.
    - No grade break shall exist between the flow-line and the foot of the curb ramp or blended transition. Length of the curb modification abutting the curb ramp or transition is 4 feet minimum.
  - Curb Ramp: Length not required to exceed 15 feet. Grade breaks are perpendicular to the direction of ramp run and are not permitted on the ramp or turning space surface. Sides are parallel to each other and perpendicular to the ends.
  - Concrete Placement: APWA Section 03 30 10.
    - Maximum length to width ratio for rectangular panel joints is 1.5 to 1. Joint spacing measured in feet not to exceed twice slab thickness measured in inches or a maximum of 15 feet.
    - Install expansion joints vertical, full depth, with top of filler set flush with concrete surface. Install contraction joints vertical, 1/8-inch wide, and 1/4 of the depth of the concrete flatwork.
    - Provide 1/2-inch radius edges. Apply a broom finish. Apply a curing agent.
  - Clear Space: No trip hazards in the clear space.



Plan 225  
December 2009

**TURNING SPACE AT STREET LEVEL**



Plan 236.3  
September 2011

**Open driveway approach**

- GENERAL**
  - Variance from specified dimensions and slopes must be acceptable to the ENGINEER. System configuration may be changed at ENGINEER'S discretion.
  - Field Changes to Slope Requirements:
    - Grades may have a 6 percent change in slope over a 11 feet wheel base run for both crest or sag vertical curves.
    - Where heavy truck use and fire truck access applies, or to improve design speed, design grades should be cut in half.
    - Specific uses or site conditions may require profile design submittal for review and acceptance.
  - Additional requirements are specified in APWA Section 32 16 13.
- PRODUCTS**
  - Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER'S permission.
  - Expansion Joint Filler: 1/2-inch thick type F1 full depth, APWA Section 32 13 73.
  - Concrete: Class 4000, APWA Section 03 30 04. If necessary, provide concrete that achieves design strength in less than 7 days. Use caution; however, as concrete crazing (spider cracks) may develop if air temperature exceeds 90 degrees F.
  - Reinforcement: Galvanized or epoxy coated, deformed, 60 ksi yield grade steel, ASTM A615.
  - Concrete Curing Agent: Clear membrane forming compound with fugitive dye (Type ID Class A), APWA Section 03 39 00.
- EXECUTION**
  - Base Course Placement: APWA Section 32 05 10. Maximum lift thickness before compaction is 8-inches when using riding equipment or 6-inches when using hand held equipment. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
  - Reinforcement: Not required if driveway apron is constructed without a cold joint.
  - Concrete Placement: APWA Section 03 30 10.
    - Install expansion joints vertical, full depth, with top of filler set flush with concrete surface.
    - Install contraction joints vertical, 1/8-inch wide or 1/4 slab thickness if the slab is greater than 8-inches thick. Maximum length to width ratio for non-square panels is 1.5 to 1. Maximum panel length (in feet) is 1.5 times the slab thickness (in inches).
    - Provide 1/2-inch radius edges. Apply a broom finish. Apply a curing agent.
  - Protection and Repair: Protect concrete from deicing chemicals during cure. Repair construction that does not drain. If necessary, fill flow-line with water to verify.

225

**Mid-block curb cut assembly**

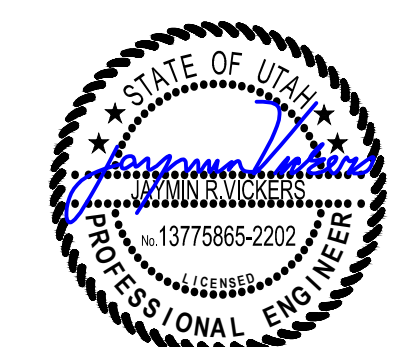
- GENERAL**
  - Where existing elements or spaces are altered to receive an assembly, slopes and dimensions shall comply with slopes and dimensions shown on the drawing, or to the maximum extent feasible permitted by the ENGINEER. Final configuration of the assembly may be different than shown.
  - Installation of a curb wall is ENGINEER'S choice.
  - Definitions and supplemental requirements are specified in APWA Section 32 16 14.
- PRODUCTS**
  - Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER'S permission.
  - Expansion Joint Filler: 1/2-inch thick type F1 full depth, APWA Section 32 13 73.
  - Detectable Warning Surface: Paver, ribbed composite panel, or tile. Provide a color that contrasts with adjacent walking surface, either light-on-dark or dark-on-light. ENGINEER to select type and color unless indicated elsewhere.
  - Concrete: Class 4000, APWA Section 03 30 04.
  - Concrete Curing Agent: Clear membrane forming compound with fugitive dye (Type ID Class A), APWA Section 03 39 00.
- EXECUTION**
  - Base Course Placement: APWA Section 32 05 10. Maximum lift thickness before compaction is 8-inches when using riding equipment or 6-inches when using hand held equipment. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
  - Curb Modifications:
    - The sloped surface created to accommodate the ramp or approach areas shall be perpendicular to the back of curb.
    - No grade break shall exist between the flow-line and the turning space. Length of the curb modification abutting the turning space is 4 feet minimum.
  - Curb Ramp: Length not required to exceed 15 feet. Grade breaks are perpendicular to the direction of ramp run and are not permitted on the ramp or turning space surface. Sides are parallel to each other and perpendicular to the ends.
  - Curb Wall: Set top of curb wall equal to elevation of extended lateral lines of sidewalk.
  - Concrete Placement: APWA Section 03 30 10.
    - Maximum length to width ratio for rectangular panel joints is 1.5 to 1. Joint spacing measured in feet not to exceed twice slab thickness measured in inches or a maximum of 15 feet.
    - Install expansion joints vertical, full depth, with top of filler set flush with concrete surface. Install contraction joints vertical, 1/8-inch wide, and 1/4 of the depth of the concrete flatwork.
    - Provide 1/2-inch radius edges. Apply a broom finish. Apply a curing agent.
  - Clear Space: No trip hazards in the clear space.

236.3



REVISIONS		
NO.	DATE	DESCRIPTION
1	09/09/2024	ADDENDUM #1
2	11/25/2024	ADDENDUM #6

**DAVIS TECHNICAL COLLEGE  
WELDING TECHNOLOGY BUILDING**  
550 EAST 300 SOUTH,  
KAYSVILLE, UT 84037



DEMOLITION PLAN  
**CS210.1**

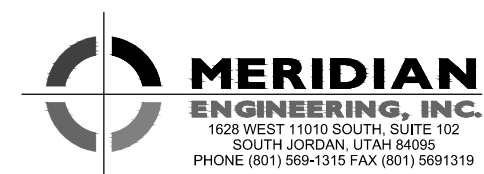
(801) 355-5915

- SITE DEMOLITION NOTES:**
- COORDINATE ALL UTILITY INFORMATION WITH OWNER. THE COORDINATES SHOWN ON THE PLANS ARE BASED ON SURVEY CONTROL AND TOPOGRAPHIC SURVEY COMPLETED BY OTHERS. REFER TO EXISTING TOPOGRAPHIC PLAN FOR SURVEY CONTROL ON SHEET CS201.1.
  - REFER TO SITE LAYOUT PLANS ON SHEET CS201.1.
  - SIDEWALK REMOVAL AND REPLACEMENT TO BE AS INDICATED ON THE SITE PLAN AND WILL MATCH EXISTING SIDEWALK WIDTHS.
  - EXCAVATION ADJACENT TO TREES SHALL BE A MINIMUM OF 8' FROM THE CENTER OF THE TREE OR THE TREE DRIP LINE AS DIRECTED BY THE OWNER'S REPRESENTATIVE. IF TREE ROOTS ARE ENCOUNTERED NEAR TREES TO REMAIN, COORDINATE TREE ROOT PRUNING WITH OWNER WHENEVER TREE ROOTS MAY BE ENCOUNTERED IN EXCAVATION. DO NOT COVER TREE ROOTS DAMAGED BY EXCAVATION NEAR TREES THAT ARE TO REMAIN. WHERE NECESSARY FOR EQUIPMENT OPERATION, TREES MAY BE TRIMMED. COORDINATE ANY TRIMMING OF TREES TO REMAIN WITH LANDSCAPE PLANS AND OWNER. HAND EXCAVATING FOR UTILITIES MAY BE NECESSARY TO KEEP TREES INDICATED TO BE PROTECTED IN PLACE.
  - ALL WORK WITHIN CITY ROAD ROW SHALL MEET CITY STANDARDS AND SPECIFICATIONS. OBTAIN CITY PERMIT PRIOR TO ANY WORK WITHIN CITY ROAD RIGHT OF WAY. OBTAIN ALL NECESSARY EXCAVATION PERMITS AND PROVIDE NECESSARY TRAFFIC CONTROL MEASURES PER CITY REQUIREMENTS.
  - REMOVE AND SALVAGE ALL SIGNS, BENCHES, AND EXTERIOR LIGHTS WITHIN THE PROJECT LIMITS. AFTER REMOVAL, COORDINATE OWNER FOR PICKUP OF SIGNAGE OR OTHER SALVAGED ITEMS.
  - DO NOT DRIVE HEAVY EQUIPMENT OR TRUCKS OVER EXCAVATED SUBGRADE. DAMAGE TO SOFT SUBGRADE AREAS CAUSED BY ROUTING HEAVY EQUIPMENT OR TRUCKS OVER SUBGRADE WILL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. REPAIRS TO BE COMPLETED WITH UP TO 2" OF IMPORTED STRUCTURAL GRANULAR FILL TO STABILIZE SOFT AREAS.
  - PLACEMENT OF GRANULAR IMPORT MATERIALS MAY BE NECESSARY TO MAINTAIN CONSTRUCTION TRAFFIC PATHWAYS DURING WET PERIODS OF THE YEAR. CONTRACTOR IS REQUIRED TO MAINTAIN TRAFFIC PATHWAYS AT ALL TIMES DURING CONSTRUCTION AND REMOVE OR ADD TO THESE GRANULAR MATERIALS TO MEET THE GRADES NECESSARY TO OBTAIN THE GRADES SHOWN ON CS201.1.
  - APPROXIMATE FOUNDATION EXCAVATION LIMIT LINE MAY BE EXTENDED WITH APPROVAL FROM THE OWNER. ANY AFFECTED IMPROVEMENTS IMPACTED SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER. REFER TO BUILDING PLANS FOR APPLICABLE EXCAVATION LIMIT LINE FOR THE NEW BUILDING.
  - ALL STRIPING WITHIN THE PROJECT LIMIT LINE SHALL BE BLACKED OUT AND REPLACED WITH STRIPING PER SITE LAYOUT PLAN.
  - ALL SIGNS TO REMAIN UNLESS INDICATED ON THIS SHEET OR THE SITE PLAN.

- UTILITY DEMOLITION NOTES:**
- REMOVE UTILITIES ONLY AFTER NEW TEMPORARY UTILITY LINES HAVE BEEN REROUTED AND CONNECTED.
  - TEMPORARY PUMPING OF SANITARY SEWER WILL BE REQUIRED AS PORTIONS OF THE EXISTING PIPING ARE REMOVED AND REPLACED. BACKUP PUMPS AND POWER WILL BE REQUIRED WHERE PUMPING IS NECESSARY TO MAINTAIN SERVICE TO THE BUILDING. TEMPORARY BYPASS PIPING OR PUMPING IS REQUIRED UNTIL THE NEW PIPING IS OPERATIONAL.
  - REFER TO THE ELECTRICAL OR MECHANICAL PLANS FOR SITE DEMOLITION OF EXISTING TRANSFORMERS, ELECTRICAL LINES, EXISTING LIGHTING, ELECTRICAL EQUIPMENT, HEATING VAULTS, HEATING LINES, GAS LINES, OR OTHER SITE DEMOLITION INSIDE OR OUTSIDE THE PROJECT LIMITS.
  - ALL EXISTING UTILITIES OR SURFACE IMPROVEMENTS SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION, UNLESS NOTED OTHERWISE. ANY DAMAGE TO THE UTILITIES OR SURFACE IMPROVEMENTS SHALL BE REPAIRED WITH NEW MATERIALS AT NO ADDITIONAL COST TO THE OWNER. ALL INTERRUPTIONS OF UTILITIES SERVICE WILL BE COORDINATED WITH THE OWNER AT LEAST ONE WEEK IN ADVANCE. NIGHTTIME INTERRUPTIONS OF A SERVICE MAY BE NECESSARY TO SUCCESSFULLY COMPLETE NEW UTILITY CONNECTIONS.
  - UTILITIES ABANDONED IN PLACE UNDER PAVEMENT OR CONCRETE IMPROVEMENTS SHALL HAVE SAND BLOWN INTO THE ABANDONED PIPING. ALL OPEN ENDS OF ABANDONED PIPING SHALL BE PLUGGED AND CAPPED. REPAIR EXISTING MANHOLES AND INLETS WHERE PIPING IS REMOVED AS PART OF THE DEMOLITION. PLUG AND GROUT (EPOXY GROUT) HOLES IN THE EXISTING STRUCTURES. CORE DRILL AND EPOXY GROUT ALL NEW PIPING INTO EXISTING CONCRETE STRUCTURES.
  - BACKFILL ALL EXCAVATIONS FOR UTILITY PIPING OR STRUCTURE REMOVAL (MANHOLES, INLETS, ETC.) WITH STRUCTURAL FILL TO THE ROUGH GRADE ELEVATION SHOWN ON GRADING PLANS.
  - PROVIDE TEMPORARY STORM DRAINAGE PUMPING OR OTHER APPROVED STORM DRAIN DISPOSAL METHOD TO MAINTAIN DRAINAGE TO THE SITE DURING CONSTRUCTION.
  - MAINTAIN UTILITY SERVICE TO THE EXISTING BUILDING AT ALL TIMES UNLESS OTHERWISE COORDINATED.
  - ALL WORK WITHIN STREET ROW SHALL BE PER APWA STANDARD PLANS AND SPECIFICATIONS (2017 EDITION) AND CITY STANDARDS. OBTAIN CITY PERMIT PRIOR TO ANY WORK WITHIN CITY RIGHT OF WAY.
  - DO NOT DRIVE HEAVY EQUIPMENT OR TRUCKS OVER EXCAVATED SUBGRADE. SUBGRADE SOFT AREAS CAUSED BY ROUTING HEAVY EQUIPMENT OR TRUCKS OVER SUBGRADE WILL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. REPAIRS TO BE COMPLETED AS OUTLINED IN SPEC SECTION WITH UP TO 2" OF IMPORTED STRUCTURAL GRANULAR FILL TO STABILIZE SOFT AREAS CAUSED BY ROUTING HEAVY EQUIPMENT OVER EXCAVATED SUBGRADE.
  - NEW UTILITIES SHALL BE INSTALLED AS REQUIRED TO MAINTAIN SERVICE TO EXISTING BUILDINGS. PRIOR TO REMOVAL OF EXISTING UTILITIES COORDINATE SERVICE INTERRUPTION AND REMOVAL OF UTILITIES WITH OWNER.
  - POTHOLE AND FIELD VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION OF ANY NEW UTILITY OR CONNECTION TO EXISTING UTILITIES.
  - PROVIDE TEMPORARY WATER CONNECTION FOR MAINTAINING IRRIGATION OF LANDSCAPE THAT IS TO REMAIN. REFER TO LANDSCAPE PLANS.
  - RAISE/LOWER EXISTING VALVES, MH, ELECTRICAL AND MECHANICAL VAULT HATCHES, AND UTILITY STRUCTURES WITHIN THE WORK AREA LIMITS TO NEW GRADES SHOWN ON GRADING PLAN.

**DEMOLITION LEGEND**

REMOVE TREES	X	REMOVE EXISTING BUILDING	
REMOVE UTILITY STRUCTURES, LIGHTS, ETC.	XX	REMOVE EXISTING ASPHALT	
SAWCUT	---	REMOVE EXISTING CONCRETE	
REMOVE FENCING	----	PROJECT LIMIT LINE	---
REMOVE WALL CURBING CURB AND GUTTER	=====	TEMPORARY PROJECT LIMIT LINE	----
REMOVE UTILITY	-XX -XX -XX -XX-		
ABANDON UTILITY IN PLACE	~~~~~		



REVISIONS

NO.	DATE	DESCRIPTION
1	09/02/24	ADDENDUM #1
2	10/09/24	ADDENDUM #4
3	11/25/24	ADDENDUM #6

- GENERAL SITE LAYOUT NOTES:
- REFER TO ARCHITECTURAL SITE PLAN FOR DETAIL OF DUMPSTER ENCLOSURE.
  - REFER TO ELECTRICAL PLANS FOR TRANSFORMER LOCATIONS AND LIGHTING.
  - REFER TO LANDSCAPE PLANS FOR LAYOUT OF PLANTINGS.
  - VERIFY THE GRID DISTANCES SHOWN FOR BUILDING LOCATIONS WITH ARCH PLANS.
  - ALL PAVEMENT REPAIR TO MEET REQUIREMENT STANDARD DETAIL SECTION C100.1.
  - TRANSITION CURB FROM STANDARD CURB HEIGHT TO CURB TERMINATION OVER E MINIMUM AT ALL LOCATIONS.
  - REPAIR/CONSTRUCT DRIVE APPROACHES PER CITY STANDARDS.
  - CURVE AND LINE DATA IS BASED ON THE TOP BACK OF CURB AND FRONT OF SIDEWALK.

TBC Line Table

LR	L	Bearing
L1	60.70	S20° 30' 30.30"E
L2	52.07	S20° 29' 59.55"E
L3	46.14	S20° 28' 05.07"E
L5	5.72	N69° 34' 18.21"E
L6	15.50	N20° 30' 12.85"W
L7	212.49	N69° 28' 11.22"E
L8	5.68	S69° 23' 34.00"W
L9	15.50	N20° 30' 30.30"W
L10	123.29	S69° 29' 29.70"W
L11	20.23	N20° 35' 05.77"W
L12	45.35	S69° 29' 29.70"W
L13	62.24	S20° 30' 30.30"E
L14	91.86	S38° 16' 21.54"E
L15	1.81	S21° 38' 20.25"E

TBC Curve Table

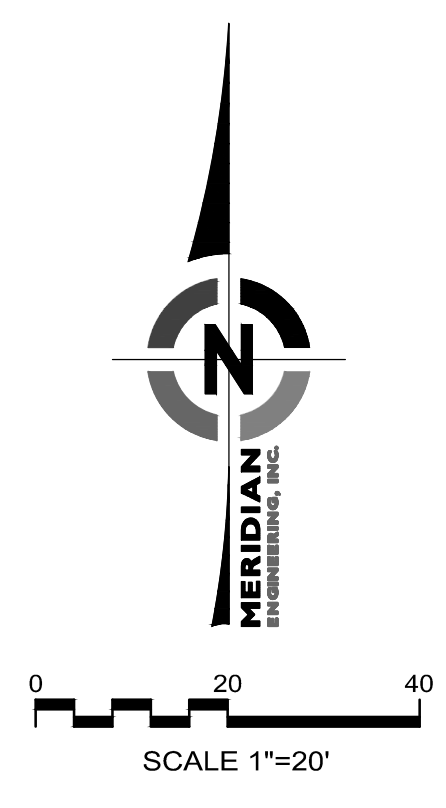
CP	L	R	Δ	Chord Bearing	Chord L
C1	24.44	51.68	044°1'20"	S41° 41' 00"E	23.84
C2	18.23	24.31	042°57'18"	N41° 59' 08"W	17.80
C3	17.43	24.31	041°03'48"	N0° 01' 24"E	17.06
C4	20.52	33.33	036°16'03"	S8° 00' 58"W	20.19
C5	18.56	14.70	072°20'28"	S82° 08' 27"E	17.35
C6	7.06	4.52	089°33'56"	N24° 29' 30"E	6.36
C7	16.83	14.53	066°48'08"	S14° 03' 12"W	15.99
C8	7.07	4.50	089°59'47"	N65° 30' 24"W	6.38
C9	46.30	29.50	089°55'25"	N65° 32' 48"W	41.69

PARKING STALL COUNT

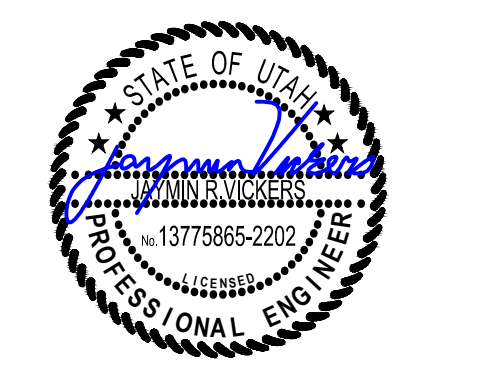
TOTAL STALLS:	49
STALLS:	47
HC STALLS:	2

HATCH LEGEND

	ASPHALT PAVEMENT REFER TO DETAIL A SHEET C100.1		NEW BUILDING
	ASPHALT PAVEMENT REPAIR REFER TO DETAIL A SHEET C100.1		BUILDING OVERHANG OR CANOPY
	VEHICULAR CONCRETE REFER TO DETAIL B SHEET C100.1		NEW SURFACE UTILITIES
	CONCRETE SIDEWALK REFER TO DETAIL F SHEET C100.1		



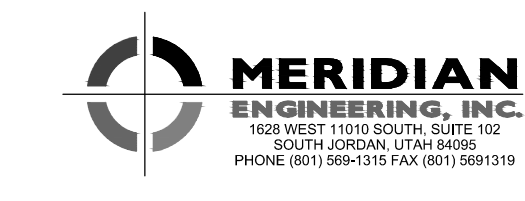
**DAVIS TECHNICAL COLLEGE  
WELDING TECHNOLOGY BUILDING**  
550 EAST 300 SOUTH,  
KAYSVILLE, UT 84037

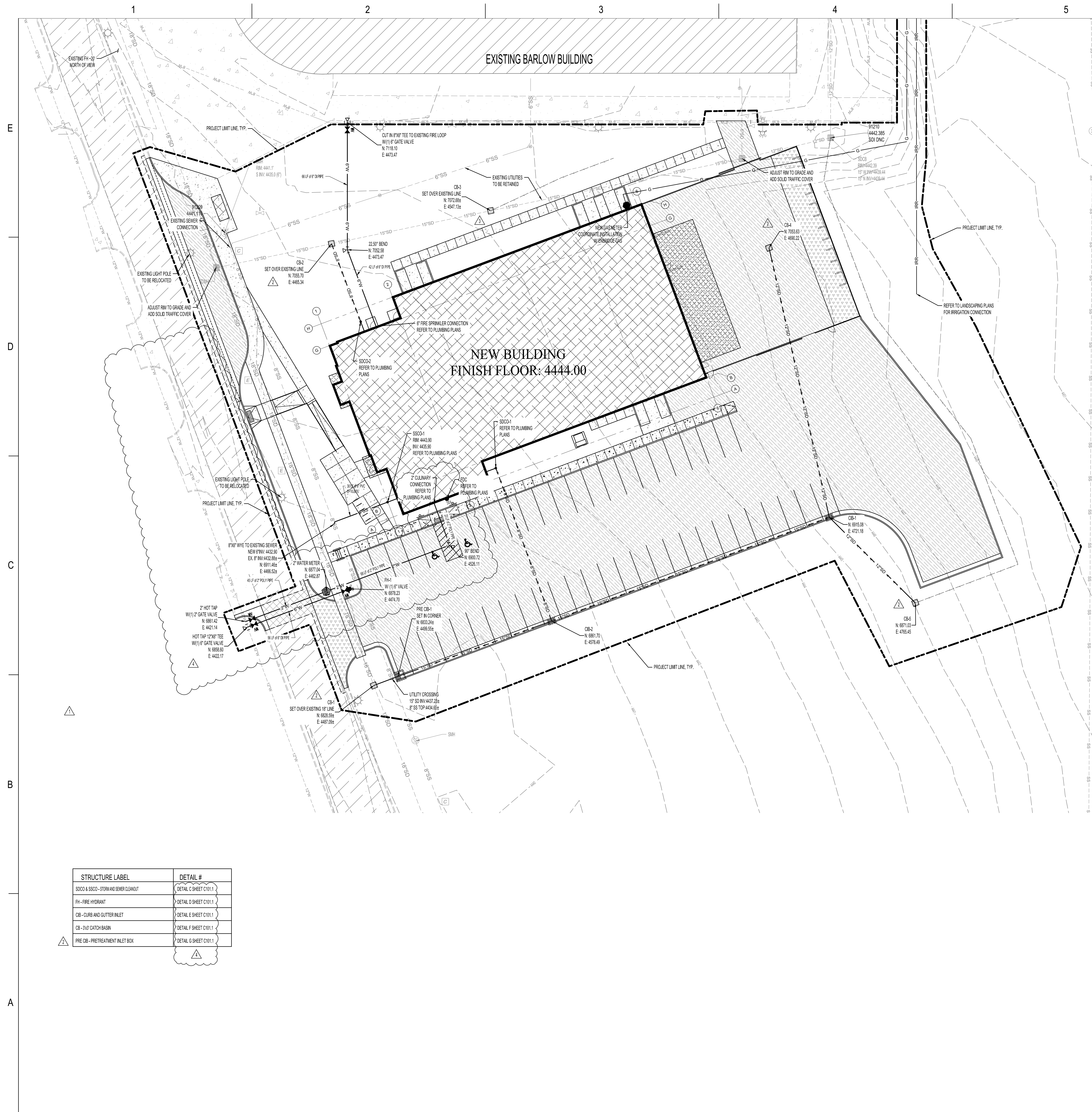


SITE PLAN

**CS230.1**

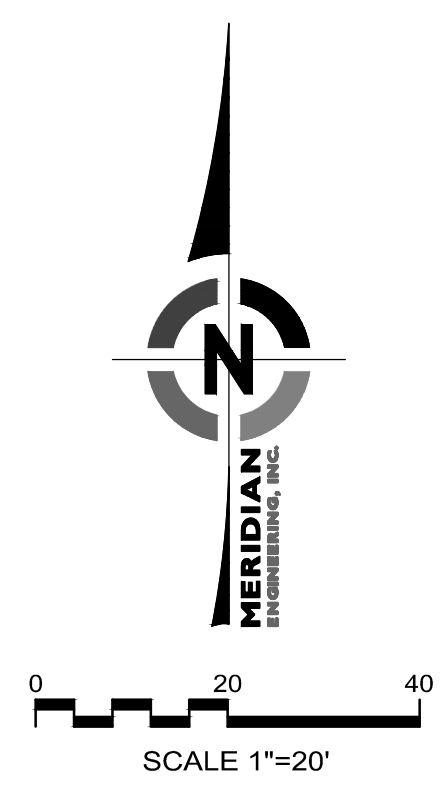
(801) 355-5915





- GENERAL UTILITY NOTES
- PLUMBING CONTRACTOR SHALL TERMINATE THEIR ROOF DRAIN LINES WITH A CLEAN OUT APPROXIMATELY 9' FROM THE BUILDING. COORDINATE WITH PLUMBING CONTRACTOR ON SCHEDULE AND PLACEMENT OF ROOF DRAIN LINES NEAR THE BUILDING.
  - ALIGN ALL INTERIOR AND EXTERIOR UTILITIES. SITE UTILITY CONTRACTOR TO COORDINATE PLACEMENT HORIZONTALLY AND VERTICALLY WITH BUILDING PLUMBING CONTRACTOR. SITE "INTERFACE LINE" BETWEEN THE BUILDING PLUMBING CONTRACTOR AND THE SITE UTILITY CONTRACTOR WILL BE AT 9' FROM THE BUILDING AND EXCEPT FOR THE FIRE SPRINKLER LINE AND WATER LINES A CLEAN OUT WILL BE INSTALLED BY THE PLUMBING CONTRACTOR APPROXIMATELY 9' FROM THE BUILDING FOR STORM DRAIN AND SEWER LINES. CONNECTION TO BUILDING PIPING AND ALL PIPING BEYOND THIS INTERFACE SHALL BE THE SITE UTILITY CONTRACTOR'S RESPONSIBILITY. PROVIDE REDUCERS, ADAPTERS OR OTHER FITTINGS AS REQUIRED AT THE INTERFACE TO CONNECT TO BLDG PIPE. COLLECT ROOF DRAIN LINES AS SHOWN AND ROUTE TO NEW CATCH BASINS OR CLEAN OUTS ON SITE. PREFERRED SLOPES, APPROXIMATE DISTANCES, AND INVERTS OF GRAVITY PIPING ARE SHOWN ON THE PLAN MAY REQUIRE ADJUSTMENT TO CONNECT TO BUILDING ROOF OR SEWER DRAIN LINES. MAINTAIN 2% SLOPE FOR 4" DIAMETER OR SMALLER PIPES, 1% FOR 6" AND 0.4% FOR 8" DIAMETER PIPES.
  - SITE CONTRACTOR SHALL COORDINATE WITH KAYSVILLE CITY INSPECTOR WHEN COMPLETING CONNECTIONS TO LINES ALONG DAVIS TECH DRIVE OR ON SITE WHERE REQUIRED. ALL WATER AND SEWER SYSTEM DETAILS AS WELL AS INSPECTIONS FOR THE ENTIRE SITE SHALL BE IN ACCORDANCE WITH CENTRAL DAVIS SEWER DISTRICT AND KAYSVILLE CITY STANDARD DETAILS AND SPECIFICATIONS. SEE GENERAL NOTES ON SHEET C300.1 WHERE THIRST BLOCKING CANNOT BE COMPLETED DUE TO OTHER ADJACENT UTILITIES OR OTHER SITE CONSTRAINTS. RESTRAINED JOINTS WILL BE REQUIRED PER CITY STANDARD SPECS. THRUST BLOCK ALL WATERLINE FITTINGS PER CITY STANDARDS TYP.
  - NO CONNECTION SHALL BE ALLOWED TO THE 1" FIRE LOOP EXCEPT FOR FIRE HYDRANTS AND THE FIRE SPRINKLER LINE. REFER TO LANDSCAPING PLANS FOR DOUBLE CHECK AND STOP & WASTE LOCATION AND DETAILS FOR RFR SYSTEM.
  - COORDINATES FOR FIRE HYDRANTS, 2x3 CATCH BASINS, OR CLEAN OUTS ARE AT THE CENTER OF THE UTILITY SURFACE FEATURE. COORDINATES FOR WATER LINE ANGLE POINTS ARE AT THE CENTER OF THE PIPELINE. COORDINATES FOR CURB INLETS ARE AT THE FACE OF THE CURB AT THE CENTER OF THE INLET. ALL STORM DRAIN BOXES ARE 2x3 EXCEPT THOSE INLETS PLACED IN CURB AND OUTER.
  - ALL VALVES, AREA CATCH BASINS (NOT IN CAG), CLEAN OUTS, OR MANHOLES SHALL HAVE CONCRETE GRADE ADJUSTMENT COLLARS PLACED AROUND THE STRUCTURE.
  - STORM DRAIN CLEAN OUTS TO BE SIMILAR TO DETAIL SHOWN ON PLUMBING PLANS.
  - ROOF DRAIN CONNECTIONS AT CATCH BASINS OR CLEAN OUT BOXES TO BE CORE DRILLED AND EPOXY GROUTED INTO PRECAST BOXES DUE TO FIELD ADJUSTMENTS WHICH MAY BE NECESSARY TO CONNECT TO BUILDING PIPING.
  - THE FIRE SPRINKLER LINE AND DOMESTIC WATER LINES SHALL BE ROUTED INTO THE FIRE SPRINKLER ROOM ABOVE THE BUILDING AND TERMINATE 12" ABOVE FINISH FLOOR WITH A FLANGE FITTING CAP WITH BUNG PLUNGER FOR LINE TESTING. REFER TO PLUMBING PLANS FOR RISER LOCATION IN THE BUILDING. THE FIRE SERVICE LINE AND FIRST FIVE FEET OF THE DOMESTIC WATER LINE SHALL BE CEMENT LINED DUCTILE IRON PIPE PER AWWA C151 3026 AND AWWA C100 WRAPPED IN POLYETHYLENE (PER AWWA C105) FROM THE BUILDING CONNECTION TO THE TEE AT THE FIRE CONNECTION PER CITY STANDARD SPECIFICATIONS AND DETAILS.
  - ALL PAVEMENT REPAIR IN DAVIS TECH DRIVE TO BE IN ACCORDANCE WITH AWWA STANDARDS. REPAIRS TO MATCH EXISTING PAVEMENT THICKNESS. USE 6" ASPHALT OVER 12" BASE COURSE IF EXISTING PAVEMENT IS LESS THAN THIS THICKNESS. (TYP.)
  - ALL CONSTRUCTION, PIPING MATERIALS AND INSTALLATION TO BE PER CITY STANDARDS FOR CULINARY WATER, SANITARY SEWER LINES AND STORM DRAIN LINES.  
NEW WATER LINES - KAYSVILLE CITY STDS. TO METER CONNECTION, COP CLASS 31, FIRE SPRINKLER & 4" CULINARY WATER LINES TO BE D.I. PER NOTE 9 ABOVE AND PER CITY STANDARDS.  
SEWER LINES AND MANHOLES - CENTRAL DAVIS SEWER DISTRICT STDS., PVC PIPING (SOR 30), PRECAST MANHOLES.  
STORM DRAIN - KAYSVILLE CITY STDS., RCP (CLASS III), ALONG DAVIS TECH DRIVE, 12 TO 15" PIPING HIGH PERFORMANCE HOPE FOR SITE AREA.  
ROOF DRAIN PIPING - PROJECT PLUMBING SPECIFICATIONS, CAST IRON SOIL PIPE 4" TO 8" ROOF DRAIN PIPING WRAPPED IN POLYETHYLENE SLEEVES (PER AWWA C105).
  - BACKFILL PROTECTION SHALL BE IN ACCORDANCE WITH ALL UTILITY DIVISION OF GROWING REGULATIONS AND STANDARDS. BACKFILL DEVICES AND THE STOP AND WASTE VALVE ARE SHOWN ON THE LANDSCAPE DRAWINGS.
  - INSPECTION AND APPROVAL FOR ANY SEWER/WATER LINE CROSSINGS SHALL BE REVIEWED AND APPROVED BY CITY PRIOR TO CONSTRUCTION OF THE CROSSING. CITY SHALL ALSO INSPECT THE CROSSING PRIOR TO BACKFILL.
  - ALL WATER LINES SHALL MAINTAIN A MINIMUM OF FOUR FEET OF COVER AT ALL TIMES. THE ANTICIPATED FROST DEPTH IS 30 INCHES.
  - UNDERGROUND FIRE SERVICE MAINS TO BE FLUSHED PER CITY AND NFPA STANDARDS 13 AND 24.
  - CONTRACTOR TO PROVIDE ELECTRICAL & TELEPHONE LINE TRENCHING AND BACKFILL. COORDINATE LOCATIONS WITH POWER AND TELEPHONE COMPANIES.
  - WATER VALVES, SEWER MANHOLES, STORM DRAIN INLETS OR CLEANOUTS BOXES, AND OTHER SURFACE UTILITY APPARATUS SHALL BE RAISED TO ACCURATE FINISH SURFACE BY A CONCRETE GRADE COLLAR. THE CONCRETE COLLAR WILL EXTEND 12" MINIMUM AROUND THE UTILITY APPARATUS WITH A 10" MINIMUM THICKNESS. PLACE 4-#4 HOOPS IN CONCRETE COLLAR.

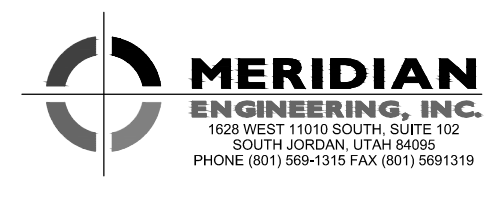
STRUCTURE LABEL	DETAIL #
S000 & S000 - STORM AND SEWER CLEANOUT	DETAIL C SHEET C100.1
FH - FIRE HYDRANT	DETAIL D SHEET C100.1
CB - CURB AND GUTTER INLET	DETAIL E SHEET C100.1
CB - 3'x3' CATCH BASIN	DETAIL F SHEET C100.1
PRE CB - PRE-TREATMENT INLET BOX	DETAIL G SHEET C100.1

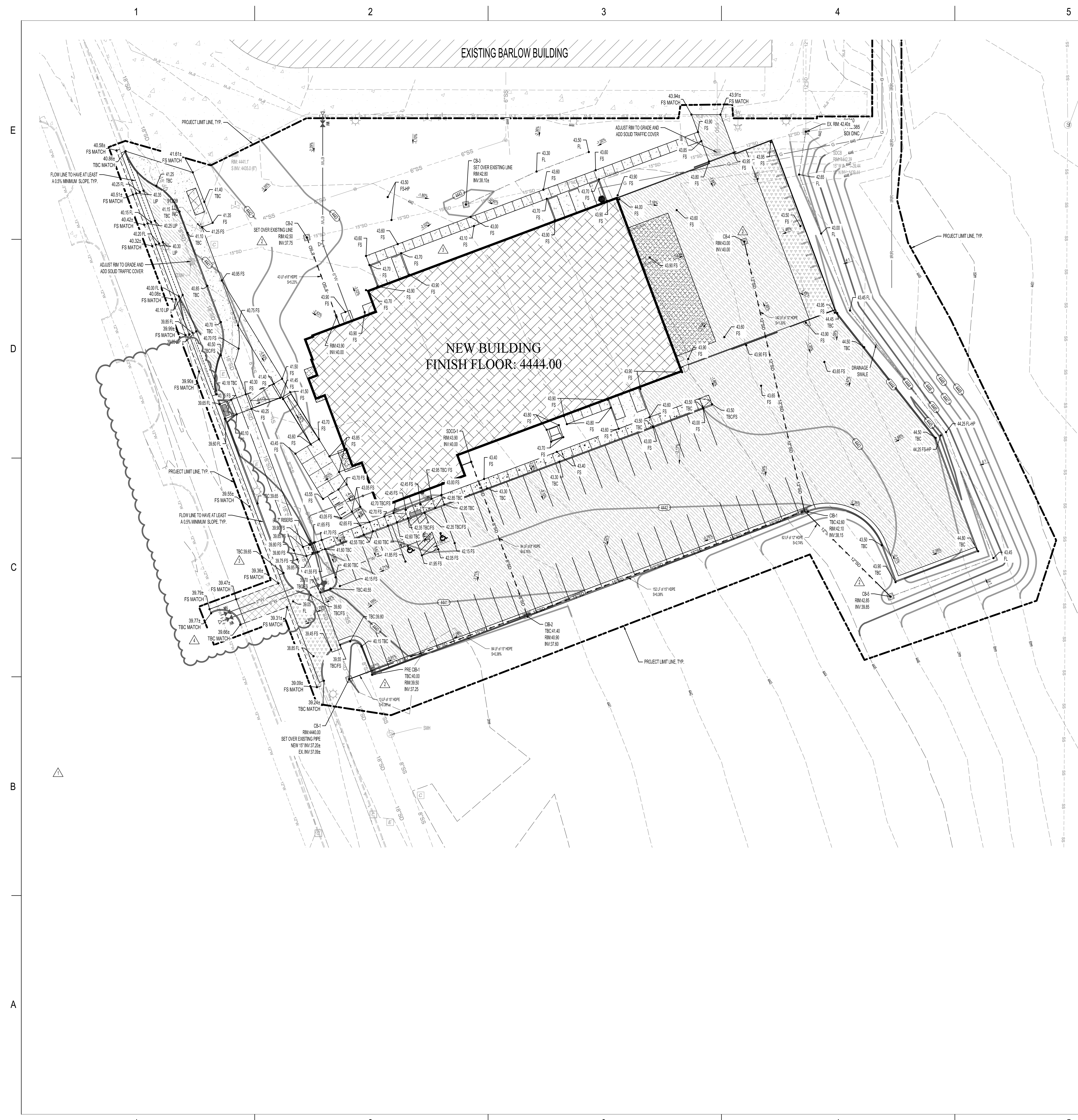


REVISIONS

NO.	DATE	DESCRIPTION
1	09/02/24	ADDENDUM #1
2	10/03/24	ADDENDUM #2
3	10/09/24	ADDENDUM #4
4	11/25/24	ADDENDUM #6

**DAVIS TECHNICAL COLLEGE  
 WELDING TECHNOLOGY BUILDING**  
 550 EAST 300 SOUTH,  
 KAYSVILLE, UT 84037



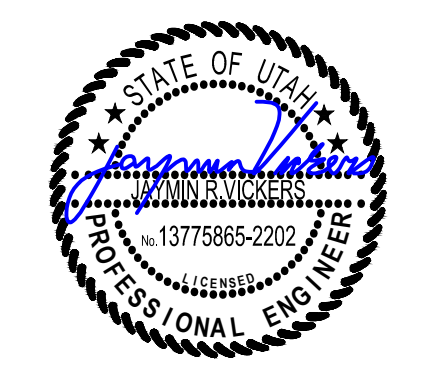
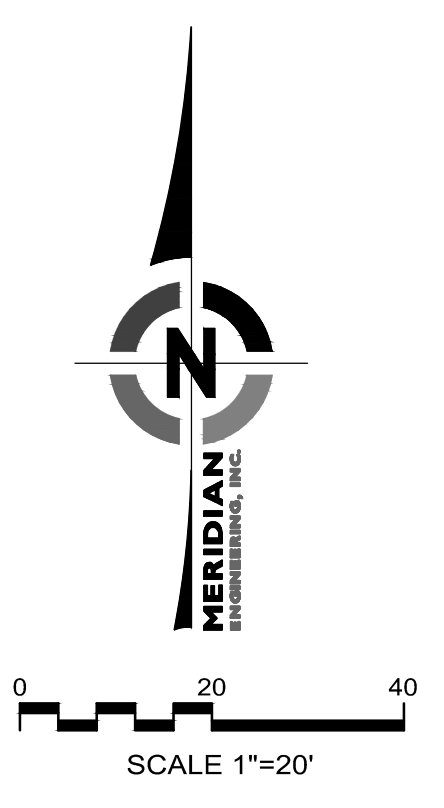


- GENERAL GRADING NOTES
- HANDICAP PARKING AREA SHALL NOT EXCEED 2% IN ANY DIRECTION. THE PERPENDICULAR CROSS SLOPE TO PARKING STALL IN OTHER AREAS OF THE PARKING LOT SHALL NOT EXCEED 0% IN SLOPE AND SLOPE SHALL NOT EXCEED 6% IN ANY DIRECTION FOR PARKING AREAS.
  - ALL WALKWAYS SHALL NOT EXCEED 2% SLOPE MAX. FROM BUILDING OR STAIR RISERS FOR 6' MIN. REFER TO PLAN AT ALL DOORWAYS TO THE BUILDING ALSO SLOPE 2% MAX FOR 5' AT THE END OF THE 1:12 SLOPE OF ALL H.C. RAMPS. ALL STEPS AND RAMPS ARE DETAILED ON THE ARCHITECTURAL SITE PLANS.
  - SITE CLEARING, SUBGRADE PREPARATION, EXCAVATION, AND BACKFILL WILL BE IN ACCORDANCE WITH THE REQUIREMENTS OUTLINED IN THE GEOTECHNICAL REPORT. SITE PAVEMENT THICKNESS WILL ALSO IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. USE MINIMUM PAVEMENT THICKNESS OUTLINE IN NOTES 4 AND 5 IF GEOTECHNICAL REPORT HAS LESS STRINGENT REQUIREMENTS.
  - CONCRETE DRIVEWAY TO BE CONSTRUCTED PER APWA STANDARD PLAN 225. ALL OTHER CONCRETE PAVEMENT FOR VEHICLES SHALL BE A MINIMUM OF 8" OF CONCRETE (4500 psi) OVER 2" OF BASE COURSE.
  - ALL ASPHALT PAVING TO BE 4" OF ASPHALT (1 1/2" OF 1/2" MIX OVER 2 1/2" OF 3/4" MIX) OVER 8" OF BASE COURSE.
  - ALL CONCRETE AND ASPHALT PAVEMENT TO MEET REQUIREMENTS OF THE APWA SPECIFICATIONS. BASE COURSE TO MEET UDOT SPECIFICATIONS (1 1/2" GRADATION).

REVISIONS

NO.	DATE	DESCRIPTION
1	09/02/24	ADDENDUM #1
2	10/03/24	ADDENDUM #2
3	10/09/24	ADDENDUM #4
4	11/25/24	ADDENDUM #6

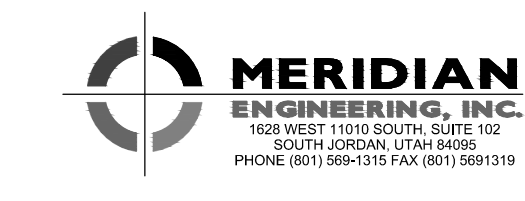
**DAVIS TECHNICAL COLLEGE  
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 550 EAST 300 SOUTH,  
 KAYSVILLE, UT 84037

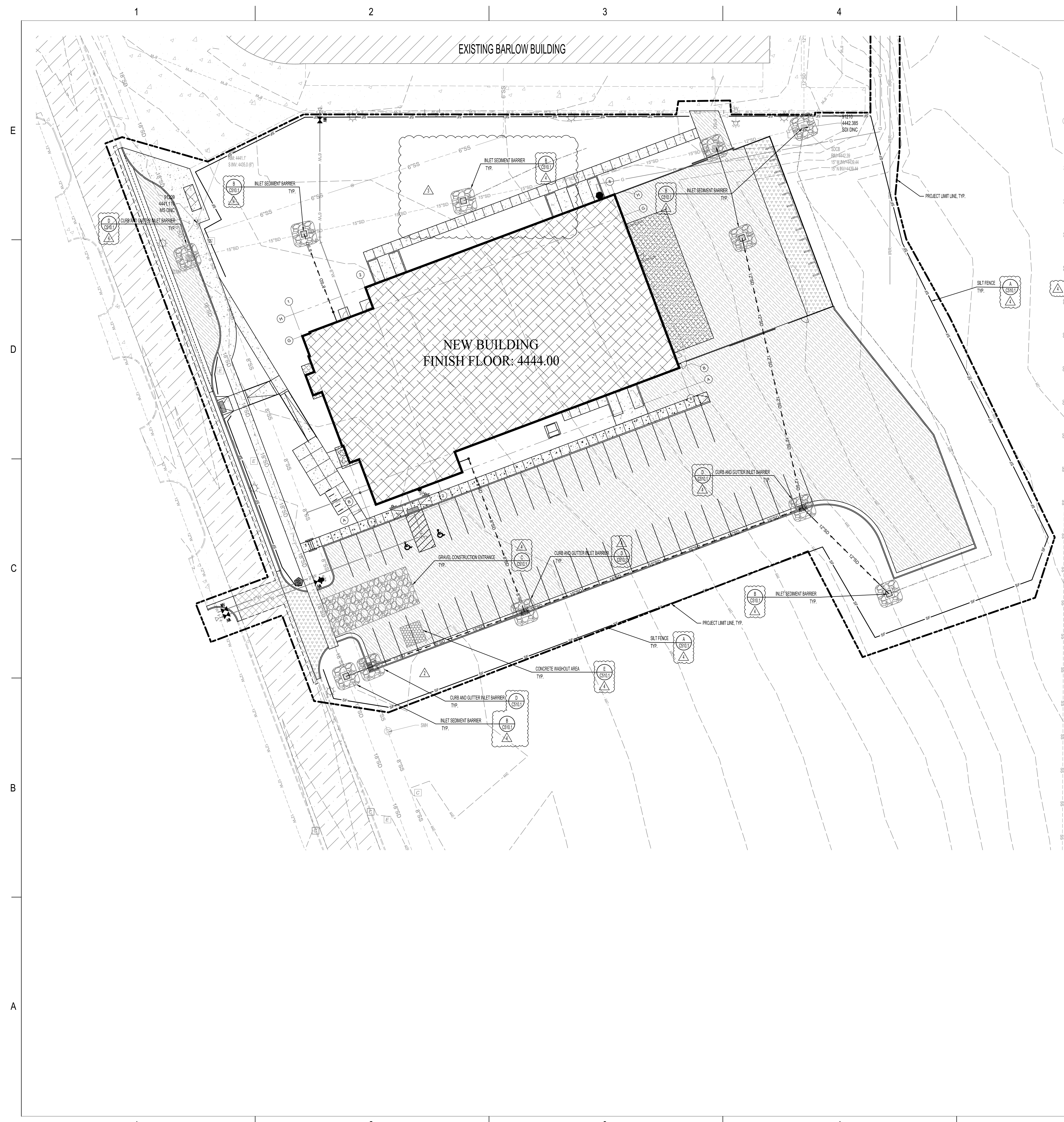


GRADING PLAN

**CG400.1**

(801) 355-5915





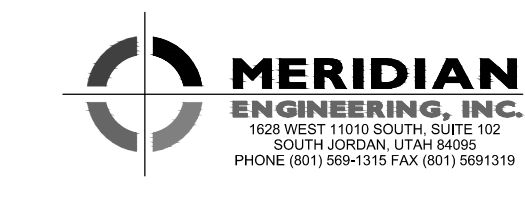
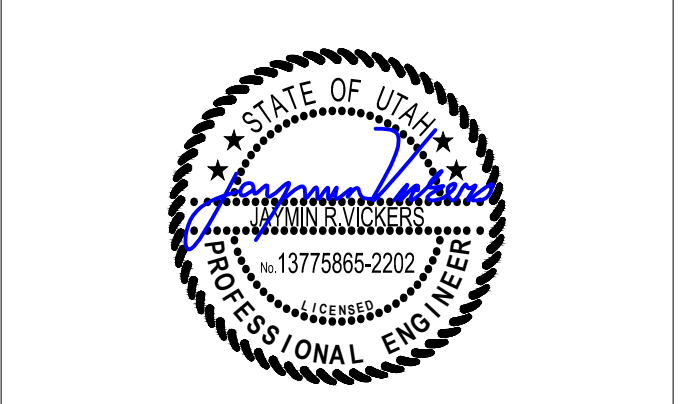
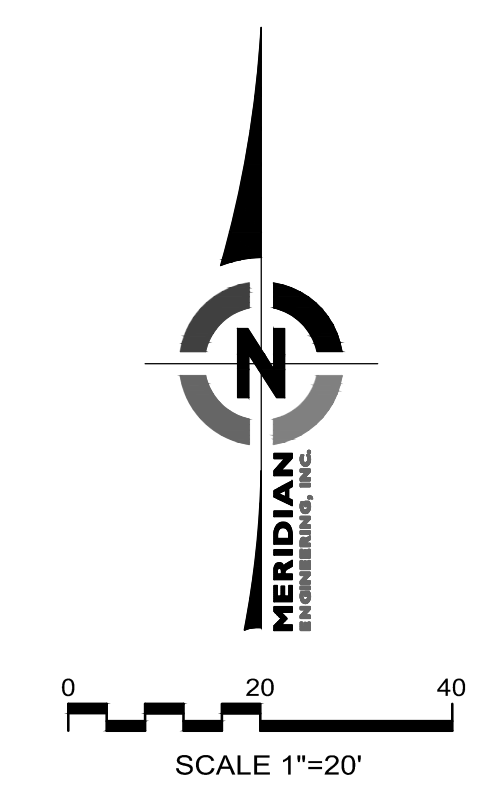
- NOTES:
- 1) THERE ARE ABOUT 2.35 ACRES WITHIN THE PROJECT BOUNDARY THAT WILL BE DISTURBED WITH NEW CONSTRUCTION OR CONTRACTOR STORAGE ACTIVITIES.
- SEQUENCE OF CONSTRUCTION ACTIVITIES:
- 1) FIELD MARK LIMIT OF DISTURBANCE FOR APPROVAL BY KAYSVILLE CITY AND OBTAIN A STORM WATER MANAGEMENT PERMIT AS NEEDED BY KAYSVILLE CITY.
  - 2) INSTALL SILT FENCE AND/OR ENVIRONMENTAL FENCE AROUND PERIMETER OF PROJECT AS INDICATED ON THIS PLAN SHEET.
  - 3) INSTALL SEDIMENT CONTROL MEASURES INDICATED IN ALL EXISTING STORM DRAIN INLETS ADJACENT TO THE CONSTRUCTION SITE.
  - 4) CONTRACTOR WILL BEGIN DEMOLITION, GRADING, EXCAVATION, AND CONSTRUCTING UTILITY SITE IMPROVEMENTS. AS NEW DRAINAGE ELEMENTS ARE COMPLETED, CONSTRUCT SEDIMENT PROTECTION AT ALL NEW INLETS.
  - 5) AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WILL BE STABILIZED WITH SOD IN LANDSCAPED AREAS AND PAVEMENT IN PARKING AND DRIVEWAY AREAS. SITE STABILIZATION OF AREAS DISTURBED BY CONSTRUCTION ACTIVITIES TO BE COMPLETED WITHIN 21 DAYS OF FINISHING AN AREA TO THE FINAL LINES AND GRADES INDICATED ON THE GRADING PLAN.
  - 6) UPON LANDSCAPE ESTABLISHMENT, REMOVE TEMPORARY MEASURE & CLEAN STORM DRAIN SYSTEM PRIOR TO RELEASE OF SYSTEM TO THE OWNER.
- RUNOFF COEFFICIENTS AND DISCHARGE:
- 1) THE EXISTING RUNOFF COEFFICIENT FOR THE PROJECT AREA IS ESTIMATED TO BE 0.2. THE NEW RUNOFF COEFFICIENT WILL BE APPROXIMATELY 0.62 FOR THE NEW IMPROVEMENTS.
  - 2) RUNOFF WILL BE COLLECTED ON SITE AND RETAINED IN AN UNDERGROUND DETENTION POND.
- POST CONSTRUCTION STORM WATER MANAGEMENT PRACTICES:
- 1) THE OWNER WILL SUBMIT POST CONSTRUCTION BEST MANAGEMENT PRACTICES TO KAYSVILLE CITY.
- GENERAL STORM WATER POLLUTION CONTROL NOTES:
- 1) SEE CS10.1 FOR STORM WATER POLLUTION CONTROL NOTES AND GENERAL PRACTICES.
  - 2) ALL CONSTRUCTION PERIOD BEST MANAGEMENT PRACTICES ARE TO BE INSPECTED AND MAINTAINED AT LEAST WEEKLY, ALSO BEFORE AND AFTER EACH STORM EVENT.
  - 3) CONTRACTOR SHALL BE REQUIRED TO KEEP RECORD OF ALL INSPECTIONS AND MAINTENANCE ON SITE WITH THE STORM WATER POLLUTION PREVENTION PLAN.



PROJECT **24-038**  
 BID PACKAGE #1 2024-08-26

NO.	DATE	DESCRIPTION
1	09/02/2024	ADDENDUM #1
2	10/02/2024	ADDENDUM #2
3	10/02/2024	ADDENDUM #4
4	11/05/2024	ADDENDUM #6

**DAVIS TECHNICAL COLLEGE  
 WELDING TECHNOLOGY BUILDING**  
 550 EAST 300 SOUTH,  
 KAYSVILLE, UT 84037



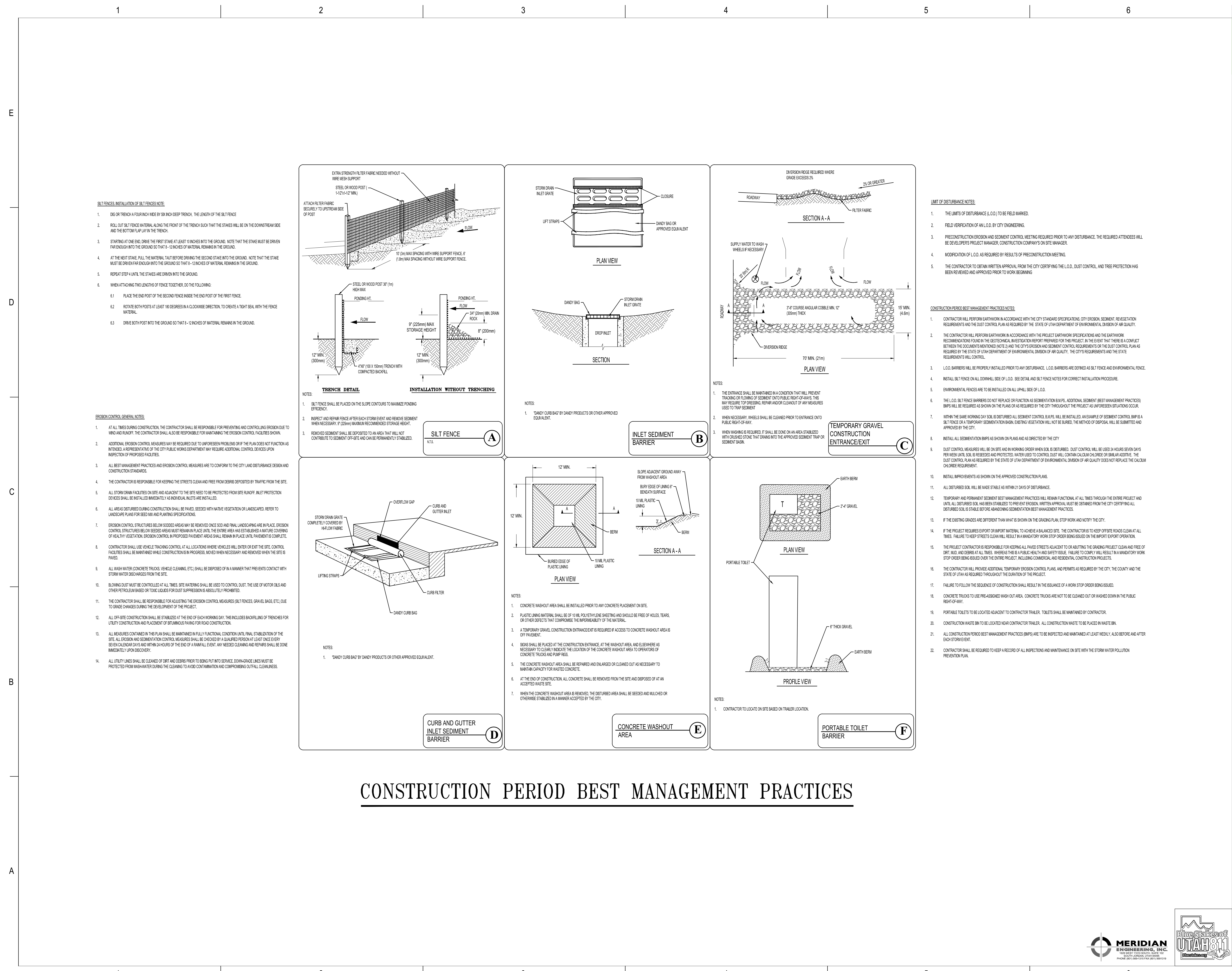
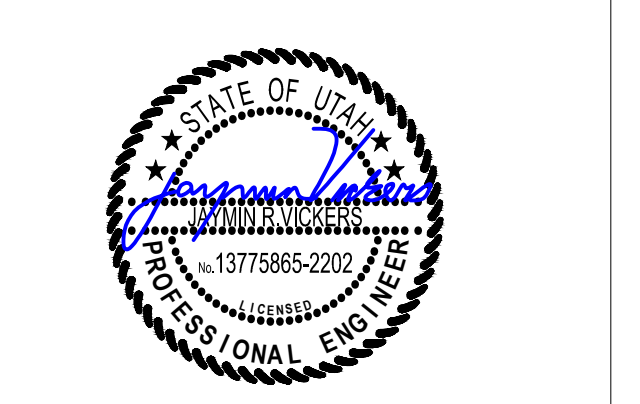
EROSION CONTROL PLAN  
**C500.1**  
 (801) 355-5915



NO.	DATE	DESCRIPTION
△	08/02/24	ADDENDUM #1

- LIMIT OF DISTURBANCE NOTES:**
- THE LIMITS OF DISTURBANCE (L.O.D.) TO BE FIELD MARKED.
  - FIELD VERIFICATION OF AN L.O.D. BY CITY ENGINEERING.
  - PRECONSTRUCTION EROSION AND SEDIMENT CONTROL MEETING REQUIRED PRIOR TO ANY DISTURBANCE. THE REQUIRED ATTENDEES SHALL BE DEVELOPER'S PROJECT MANAGER, CONSTRUCTION COMPANY'S SITE MANAGER.
  - MODIFICATION OF L.O.D. AS REQUIRED BY RESULTS OF PRECONSTRUCTION MEETING.
  - THE CONTRACTOR TO OBTAIN WRITTEN APPROVAL FROM THE CITY CERTIFYING THE L.O.D., DUST CONTROL, AND TREE PROTECTION HAS BEEN REVIEWED AND APPROVED PRIOR TO WORK BEGINNING.

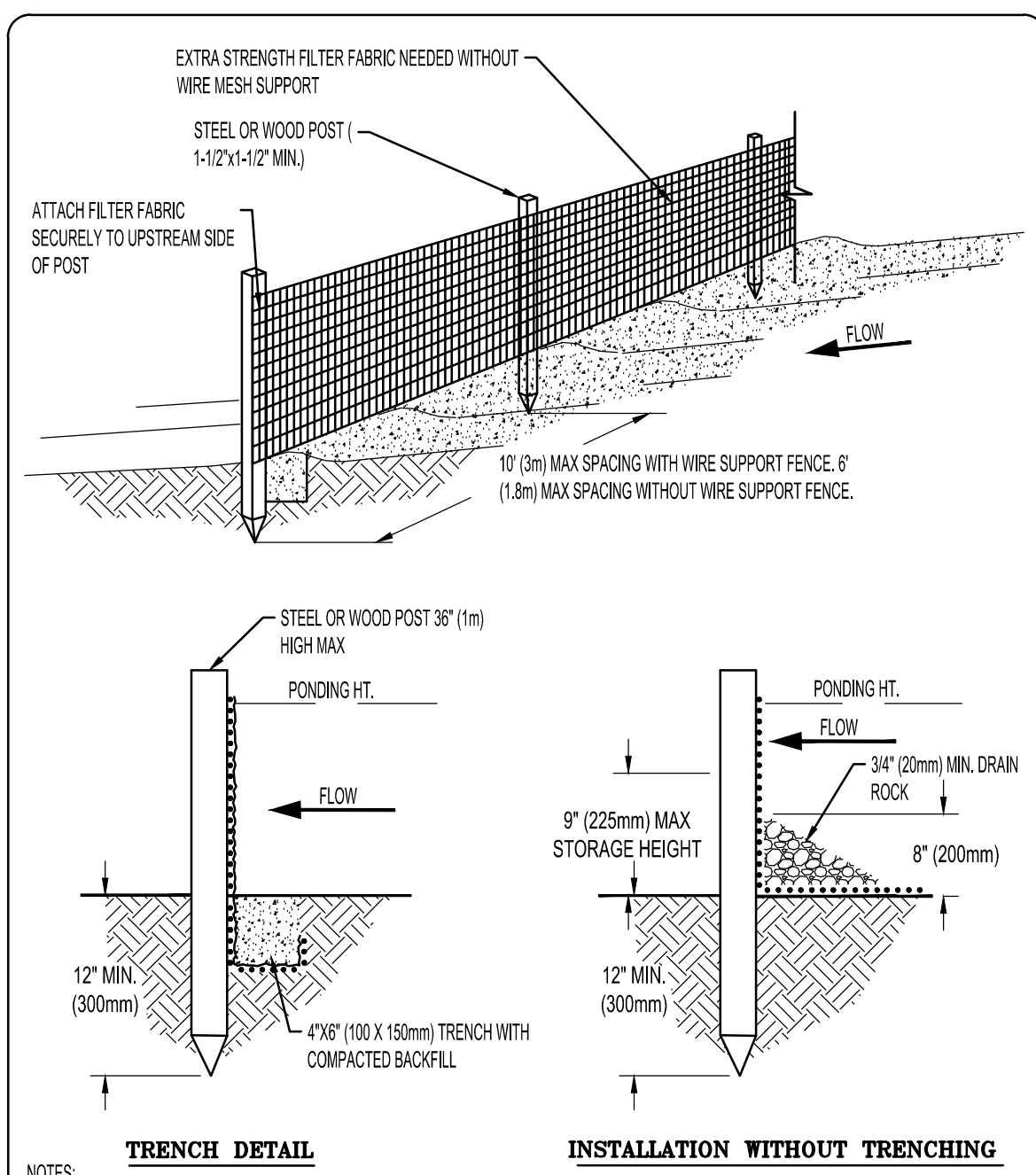
- CONSTRUCTION PERIOD BEST MANAGEMENT PRACTICES NOTES:**
- CONTRACTOR WILL PERFORM EARTHWORK IN ACCORDANCE WITH THE CITY STANDARD SPECIFICATIONS, CITY EROSION, SEDIMENT, REVEGETATION REQUIREMENTS AND THE DUST CONTROL PLAN AS REQUIRED BY THE STATE OF UTAH DEPARTMENT OF ENVIRONMENTAL DIVISION OF AIR QUALITY.
  - THE CONTRACTOR WILL PERFORM EARTHWORK IN ACCORDANCE WITH THE PROJECT EARTHWORK SPECIFICATIONS AND THE EARTHWORK RECOMMENDATIONS FOUND IN THE GEOTECHNICAL INVESTIGATION REPORT PREPARED FOR THIS PROJECT. IN THE EVENT THAT THERE IS A CONFLICT BETWEEN THE DOCUMENTS MENTIONED IN 2 AND THE CITY'S EROSION AND SEDIMENT CONTROL REQUIREMENTS OR THE DUST CONTROL PLAN AS REQUIRED BY THE STATE OF UTAH DEPARTMENT OF ENVIRONMENTAL DIVISION OF AIR QUALITY, THE CITY'S REQUIREMENTS AND THE STATE REQUIREMENTS WILL CONTROL.
  - L.O.D. BARRIERS WILL BE PROPERLY INSTALLED PRIOR TO ANY DISTURBANCE. L.O.D. BARRIERS ARE DEFINED AS SILT FENCE AND ENVIRONMENTAL FENCE.
  - INSTALL SILT FENCE ON ALL DOWNHILL SIDE OF L.O.D. SEE DETAIL AND SILT FENCE NOTES FOR CORRECT INSTALLATION PROCEDURE.
  - ENVIRONMENTAL FENCES ARE TO BE INSTALLED ON ALL UPHILL SIDE OF L.O.D.
  - THE L.O.D. SILT FENCE BARRIERS DO NOT REPLACE OR FUNCTION AS SEDIMENTATION BASIN. ADDITIONAL SEDIMENT BEST MANAGEMENT PRACTICES (BMPs) WILL BE REQUIRED AS SHOWN ON THE PLANS OR AS REQUIRED BY THE CITY THROUGHOUT THE PROJECT AS UNFORESEEN SITUATIONS OCCUR.
  - WITHIN THE SAME WORKING DAY SOIL IS DISTURBED ALL SEDIMENT CONTROL BASINS WILL BE INSTALLED. AN EXAMPLE OF SEDIMENT CONTROL BMP IS A SILT FENCE OR A TEMPORARY SEDIMENTATION BASIN. EXISTING VEGETATION WILL NOT BE BURIED. THE METHOD OF DISPOSAL WILL BE SUBMITTED AND APPROVED BY THE CITY.
  - INSTALL ALL SEDIMENTATION BMPs AS SHOWN ON PLANS AND AS DIRECTED BY THE CITY.
  - DUST CONTROL MEASURES WILL BE ON SITE AND IN WORKING ORDER WHEN SOIL IS DISTURBED. DUST CONTROL WILL BE USED 24 HOURS SEVEN DAYS PER WEEK UNTIL SOIL IS RESEEDED AND PROTECTED. WATER USED TO CONTROL DUST WILL CONTAIN CALCIUM CHLORIDE OR SIMILAR ALKALINE. THE DUST CONTROL PLAN AS REQUIRED BY THE STATE OF UTAH DEPARTMENT OF ENVIRONMENTAL DIVISION OF AIR QUALITY DOES NOT REPLACE THE CALCIUM CHLORIDE REQUIREMENT.
  - INSTALL IMPROVEMENTS AS SHOWN ON THE APPROVED CONSTRUCTION PLANS.
  - ALL DISTURBED SOIL WILL BE MADE STABLE AS WITHIN 21 DAYS OF DISTURBANCE.
  - TEMPORARY AND PERMANENT SEDIMENT BEST MANAGEMENT PRACTICES WILL REMAIN FUNCTIONAL AT ALL TIMES THROUGH THE ENTIRE PROJECT AND UNTIL ALL DISTURBED SOIL HAS BEEN STABILIZED TO PREVENT EROSION. WRITTEN APPROVAL MUST BE OBTAINED FROM THE CITY CERTIFYING ALL DISTURBED SOIL IS STABLE BEFORE ABANDONING SEDIMENTATION BEST MANAGEMENT PRACTICES.
  - IF THE EXISTING GRADES ARE DIFFERENT THAN WHAT IS SHOWN ON THE GRADING PLAN, STOP WORK AND NOTIFY THE CITY.
  - IF THE PROJECT REQUIRES EXPORT OR IMPORT MATERIAL TO ACHIEVE A BALANCED SITE, THE CONTRACTOR IS TO KEEP OFFSITE ROADS CLEAN AT ALL TIMES. FAILURE TO KEEP STREETS CLEAN WILL RESULT IN A MANDATORY WORK STOP ORDER BEING ISSUED ON THE IMPORT/EXPORT OPERATION.
  - THE PROJECT CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL PAVED STREETS ADJACENT TO OR ABUTTING THE GRADING PROJECT CLEAN AND FREE OF DIRT, MUD, AND DEBRIS AT ALL TIMES. WHEREAS THIS IS A PUBLIC HEALTH AND SAFETY ISSUE. FAILURE TO COMPLY WILL RESULT IN A MANDATORY WORK STOP ORDER BEING ISSUED OVER THE ENTIRE PROJECT, INCLUDING COMMERCIAL AND RESIDENTIAL CONSTRUCTION PROJECTS.
  - THE CONTRACTOR WILL PROVIDE ADDITIONAL TEMPORARY EROSION CONTROL PLANS AND PERMITS AS REQUIRED BY THE CITY, THE COUNTY AND THE STATE OF UTAH AS REQUIRED THROUGHOUT THE DURATION OF THE PROJECT.
  - FAILURE TO FOLLOW THE SEQUENCE OF CONSTRUCTION SHALL RESULT IN THE ISSUANCE OF A WORK STOP ORDER BEING ISSUED.
  - CONCRETE TRUCKS TO USE PRE-ASSIGNED WASH OUT AREA. CONCRETE TRUCKS ARE NOT TO BE CLEANED OUT OR WASHED DOWN IN THE PUBLIC RIGHT-OF-WAY.
  - PORTABLE TOILETS TO BE LOCATED ADJACENT TO CONTRACTOR TRAILER. TOILETS SHALL BE MAINTAINED BY CONTRACTOR.
  - CONSTRUCTION WASTE BIN TO BE LOCATED NEAR CONTRACTOR TRAILER. ALL CONSTRUCTION WASTE TO BE PLACED IN WASTE BIN.
  - ALL CONSTRUCTION PERIOD BEST MANAGEMENT PRACTICES (BMPs) ARE TO BE INSPECTED AND MAINTAINED AT LEAST WEEKLY, ALSO BEFORE AND AFTER EACH STORM EVENT.
  - CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF ALL INSPECTIONS AND MAINTENANCE ON SITE WITH THE STORM WATER POLLUTION PREVENTION PLAN.



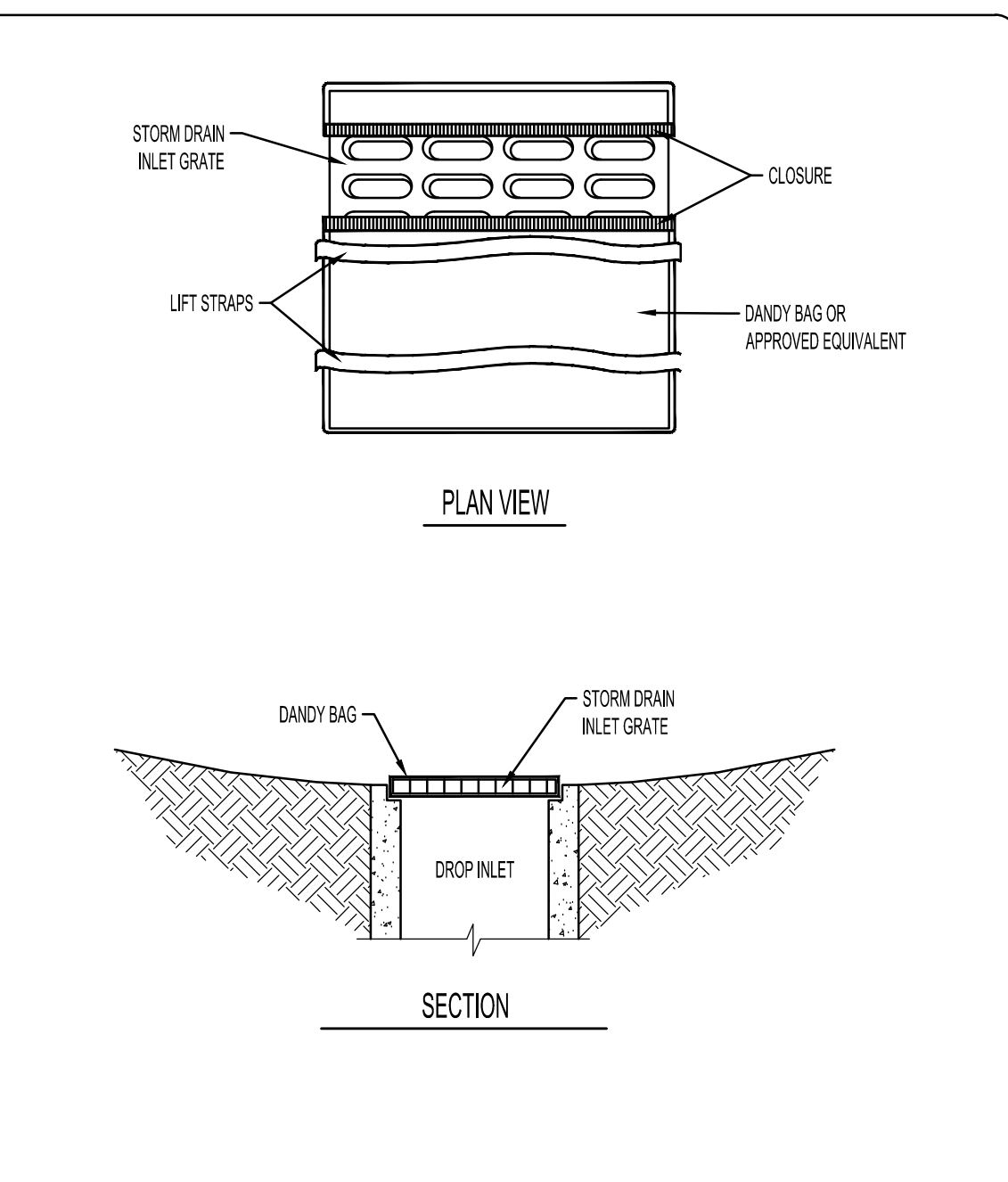
**CONSTRUCTION PERIOD BEST MANAGEMENT PRACTICES**

- SILT FENCES, INSTALLATION OF SILT FENCES NOTE:**
- DIG OR TRENCH A FOUR INCH WIDE BY SIX INCH DEEP TRENCH. THE LENGTH OF THE SILT FENCE
  - ROLL OUT SILT FENCE MATERIAL ALONG THE FRONT OF THE TRENCH SUCH THAT THE STAKES WILL BE ON THE DOWNSTREAM SIDE AND THE BOTTOM FLAP LAY IN THE TRENCH.
  - STARTING AT ONE END, DRIVE THE FIRST STAKE AT LEAST 10 INCHES INTO THE GROUND. NOTE THAT THE STAKE MUST BE DRIVEN FAR ENOUGH INTO THE GROUND SO THAT 8 - 12 INCHES OF MATERIAL REMAINS IN THE GROUND.
  - AT THE NEXT STAKE, PULL THE MATERIAL TIGHT BEFORE DRIVING THE SECOND STAKE INTO THE GROUND. NOTE THAT THE STAKE MUST BE DRIVEN FAR ENOUGH INTO THE GROUND SO THAT 8 - 12 INCHES OF MATERIAL REMAINS IN THE GROUND.
  - REPEAT STEP 4 UNTIL THE STAKES ARE DRIVEN INTO THE GROUND.
  - WHEN ATTACHING TWO LENGTHS OF FENCE TOGETHER, DO THE FOLLOWING:
    - PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE.
    - ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION, TO CREATE A TIGHT SEAL WITH THE FENCE MATERIAL.
    - DRIVE BOTH POSTS INTO THE GROUND SO THAT 8 - 12 INCHES OF MATERIAL REMAINS IN THE GROUND.

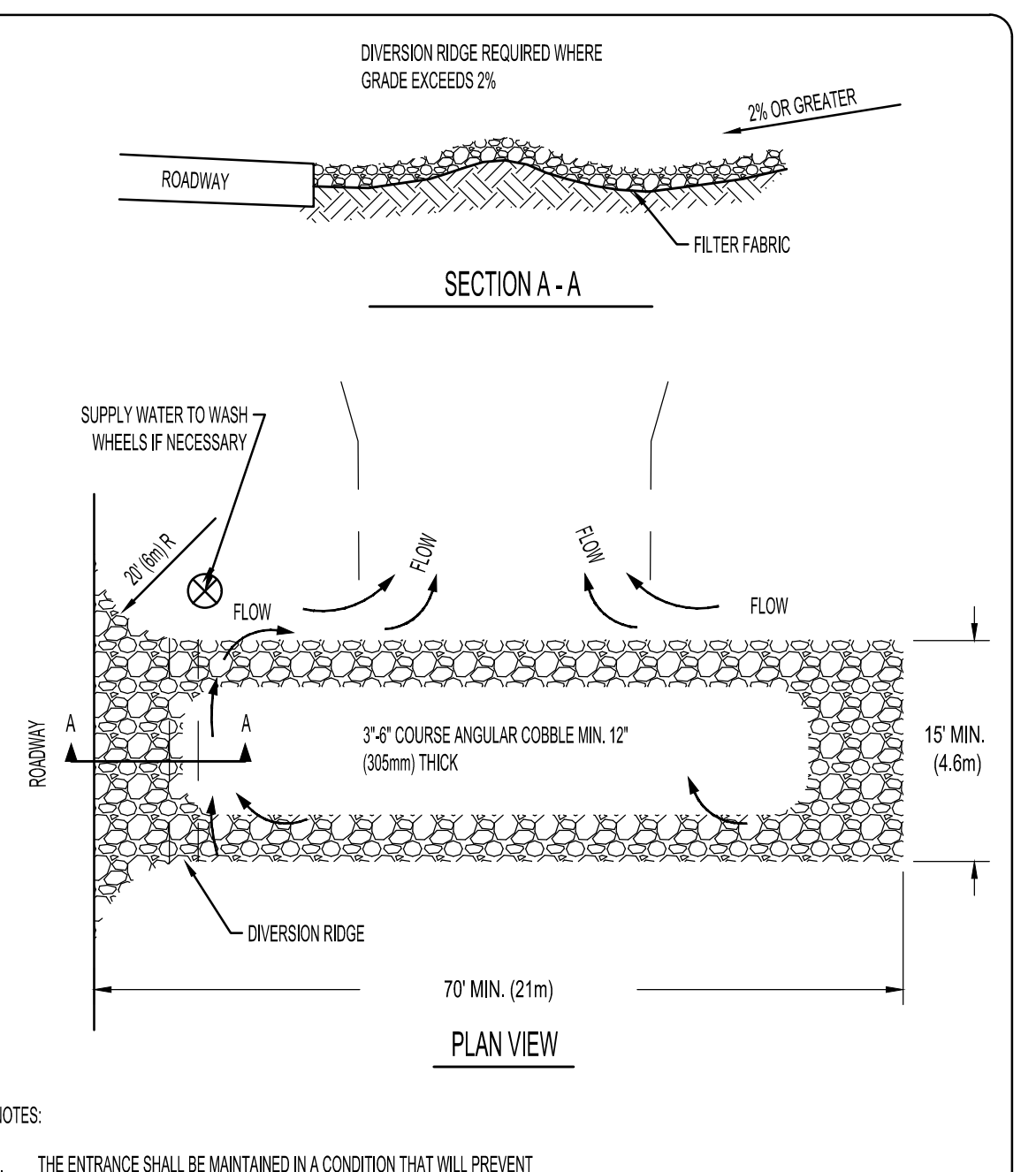
- EROSION CONTROL GENERAL NOTES:**
- AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING AND CONTROLLING EROSION DUE TO WIND AND RUNOFF. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR MAINTAINING THE EROSION CONTROL FACILITIES SHOWN.
  - ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DUE TO UNFORESEEN PROBLEMS OR IF THE PLAN DOES NOT FUNCTION AS INTENDED. A REPRESENTATIVE OF THE CITY PUBLIC WORKS DEPARTMENT MAY REQUIRE ADDITIONAL CONTROL DEVICES UPON INSPECTION OF PROPOSED FACILITIES.
  - ALL BEST MANAGEMENT PRACTICES AND EROSION CONTROL MEASURES ARE TO CONFORM TO THE CITY LAND DISTURBANCE DESIGN AND CONSTRUCTION STANDARDS.
  - THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE STREETS CLEAN AND FREE FROM DEBRIS DEPOSITED BY TRAFFIC FROM THE SITE.
  - ALL STORM DRAIN FACILITIES ON SITE AND ADJACENT TO THE SITE NEED TO BE PROTECTED FROM SITE RUNOFF. INLET PROTECTION DEVICES SHALL BE INSTALLED IMMEDIATELY AS INDIVIDUAL INLETS ARE INSTALLED.
  - ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE PAVED, SEEDED WITH NATIVE VEGETATION OR LANDSCAPED. REFER TO LANDSCAPE PLANS FOR SEED MIX AND PLANTING SPECIFICATIONS.
  - EROSION CONTROL STRUCTURES BELOW SLOPED AREAS MAY BE REMOVED ONCE SOIL AND FINAL LANDSCAPING ARE IN PLACE. EROSION CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A NATIVE COVERING OF HEALTHY VEGETATION. EROSION CONTROL IN PROPOSED PAVEMENT AREAS SHALL REMAIN IN PLACE UNTIL PAVEMENT IS COMPLETE.
  - CONTRACTOR SHALL USE VEHICLE TRACKING CONTROL AT ALL LOCATIONS WHERE VEHICLES WILL ENTER OR EXIT THE SITE. CONTROL FACILITIES SHALL BE MAINTAINED WHILE CONSTRUCTION IS IN PROGRESS, MOVED WHEN NECESSARY AND REMOVED WHEN THE SITE IS PAVED.
  - ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, ETC.) SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT WITH STORM WATER DISCHARGES FROM THE SITE.
  - BLOWING DUST MUST BE CONTROLLED AT ALL TIMES. SITE WATERING SHALL BE USED TO CONTROL DUST. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION IS ABSOLUTELY PROHIBITED.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, GRAVEL BAGS, ETC.) DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT.
  - ALL OFF-SITE CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
  - ALL MEASURES CONTAINED IN THIS PLAN SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN (7) CLOUDY DAYS AND WITHIN 24 HOURS OF THE END OF A RAINFALL EVENT. ANY NEEDED CLEANING AND REPAIRS SHALL BE DONE IMMEDIATELY UPON DISCOVERY.
  - ALL UTILITY LINES SHALL BE CLEARED OF DIRT AND DEBRIS PRIOR TO BEING PUT INTO SERVICE. DOWN-GRADE LINES MUST BE PROTECTED FROM WASHWATER DURING THE CLEANING TO AVOID CONTAMINATION AND COMPROMISING OUTLIFT CLEANLINESS.



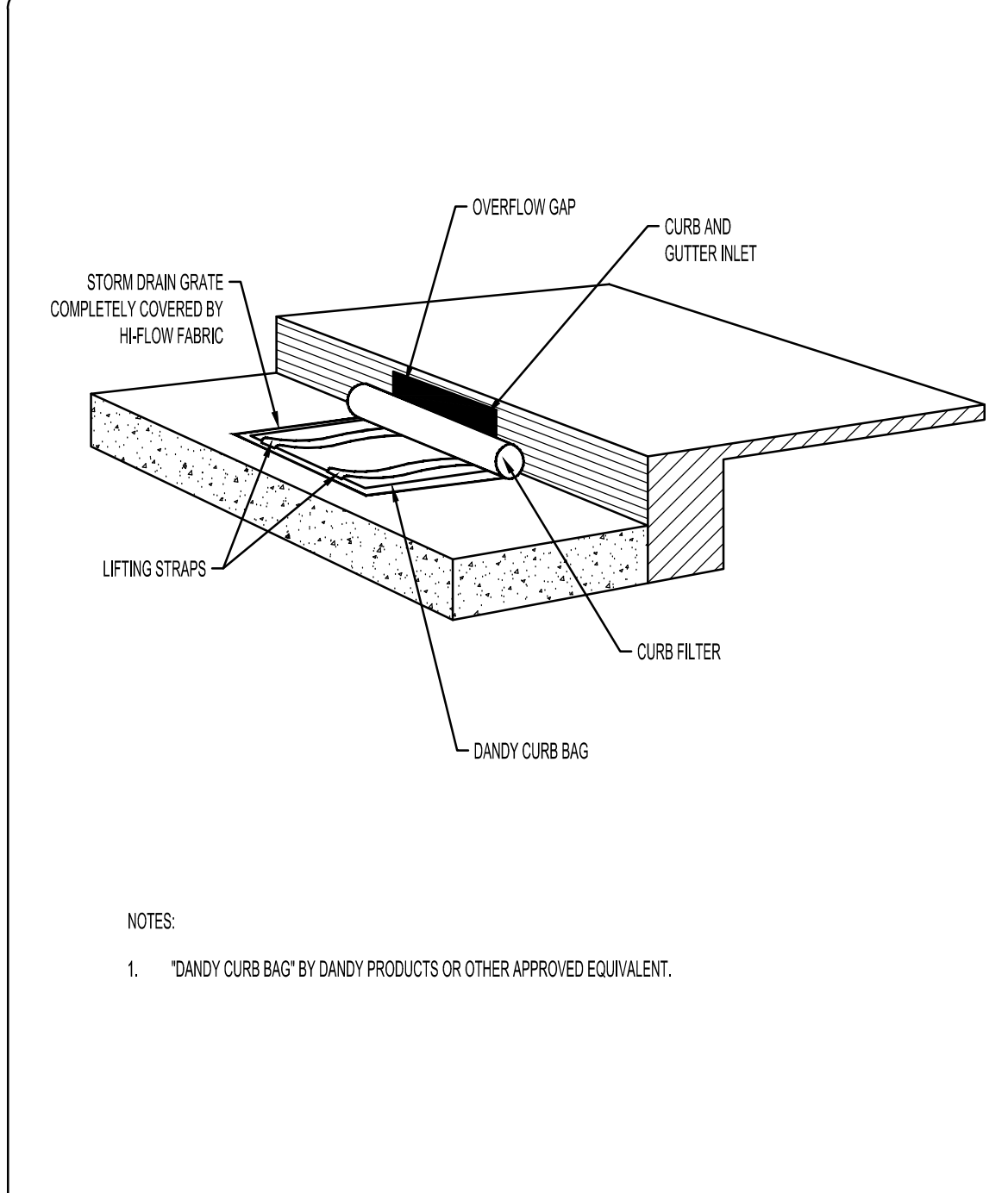
- NOTES:**
- SILT FENCE SHALL BE PLACED ON THE SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
  - INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 1" (25mm) MAXIMUM RECOMMENDED STORAGE HEIGHT.
  - REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE TO SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.



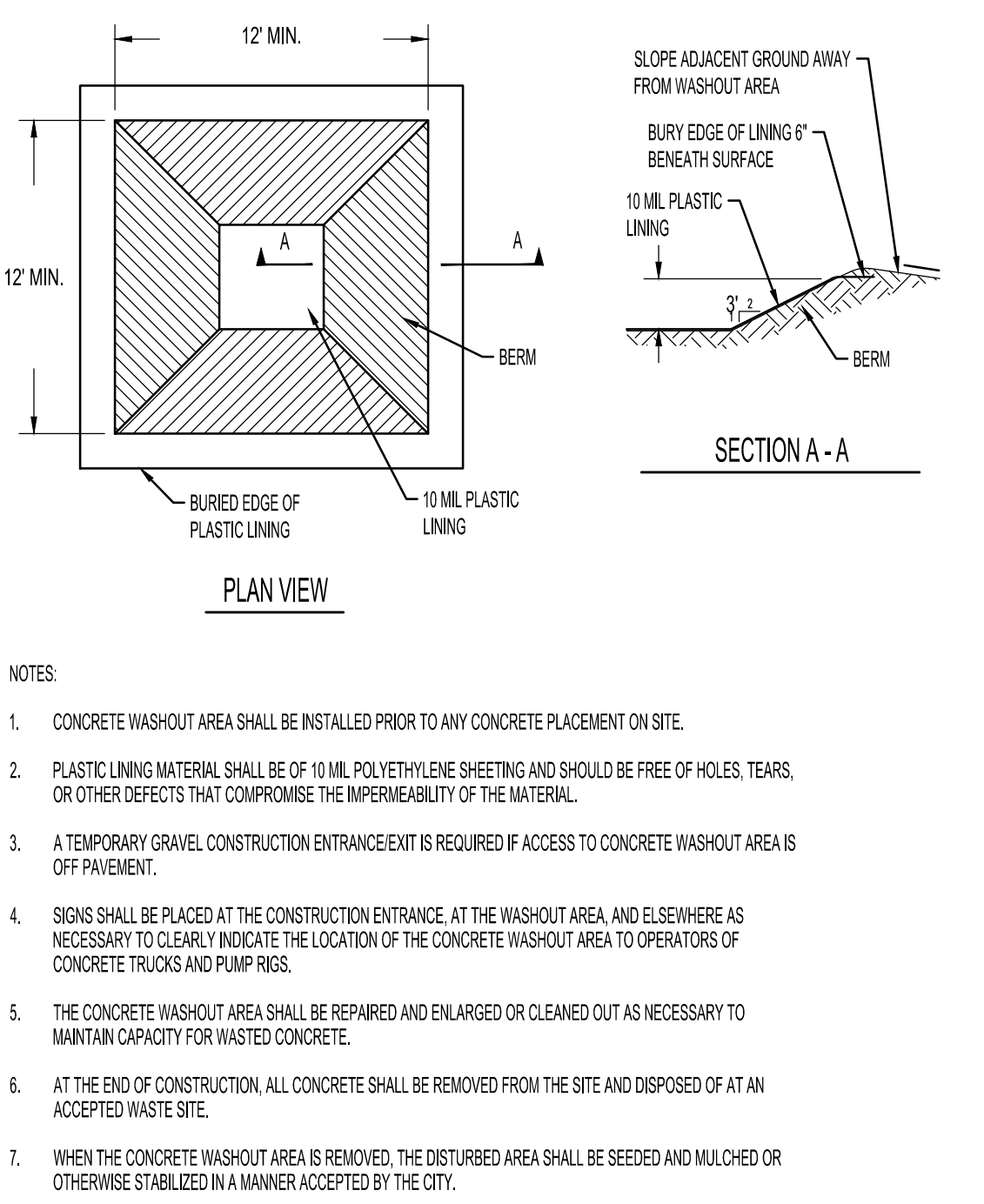
- NOTES:**
- "DANDY CURB BAG" BY DANDY PRODUCTS OR OTHER APPROVED EQUIVALENT.



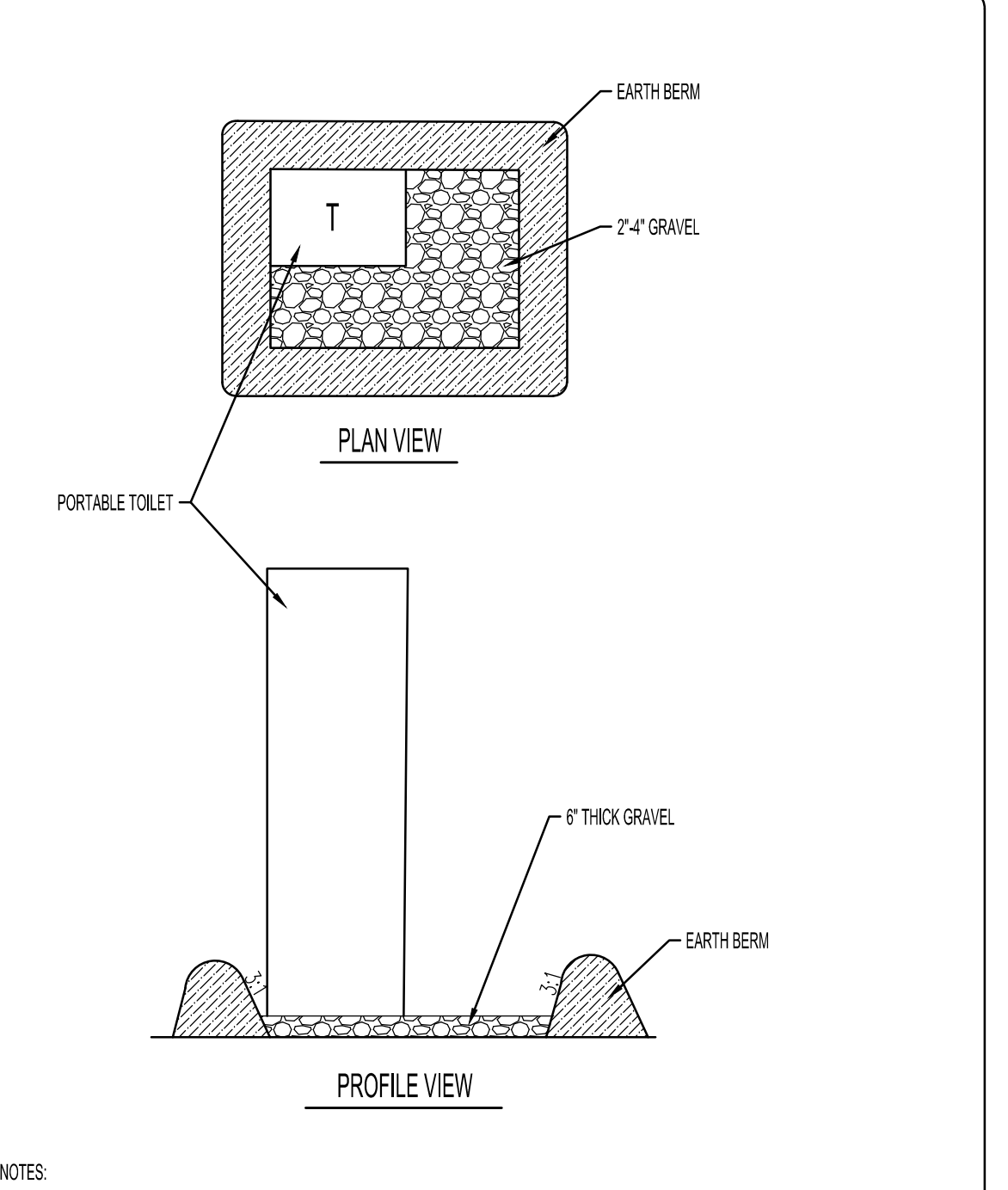
- NOTES:**
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
  - WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
  - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO THE APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.



- NOTES:**
- "DANDY CURB BAG" BY DANDY PRODUCTS OR OTHER APPROVED EQUIVALENT.



- NOTES:**
- CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
  - PLASTIC LINING MATERIAL SHALL BE OF 10 MIL POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.
  - A TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT IS REQUIRED IF ACCESS TO CONCRETE WASHOUT AREA IS OFF PAVEMENT.
  - SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP TRUCKS.
  - THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASHED CONCRETE.
  - AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN ACCEPTED WASTE SITE.
  - WHEN THE CONCRETE WASHOUT AREA IS REMOVED, THE DISTURBED AREA SHALL BE SEEDED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER ACCEPTED BY THE CITY.



- NOTES:**
- CONTRACTOR TO LOCATE ON SITE BASED ON TRAILER LOCATION.