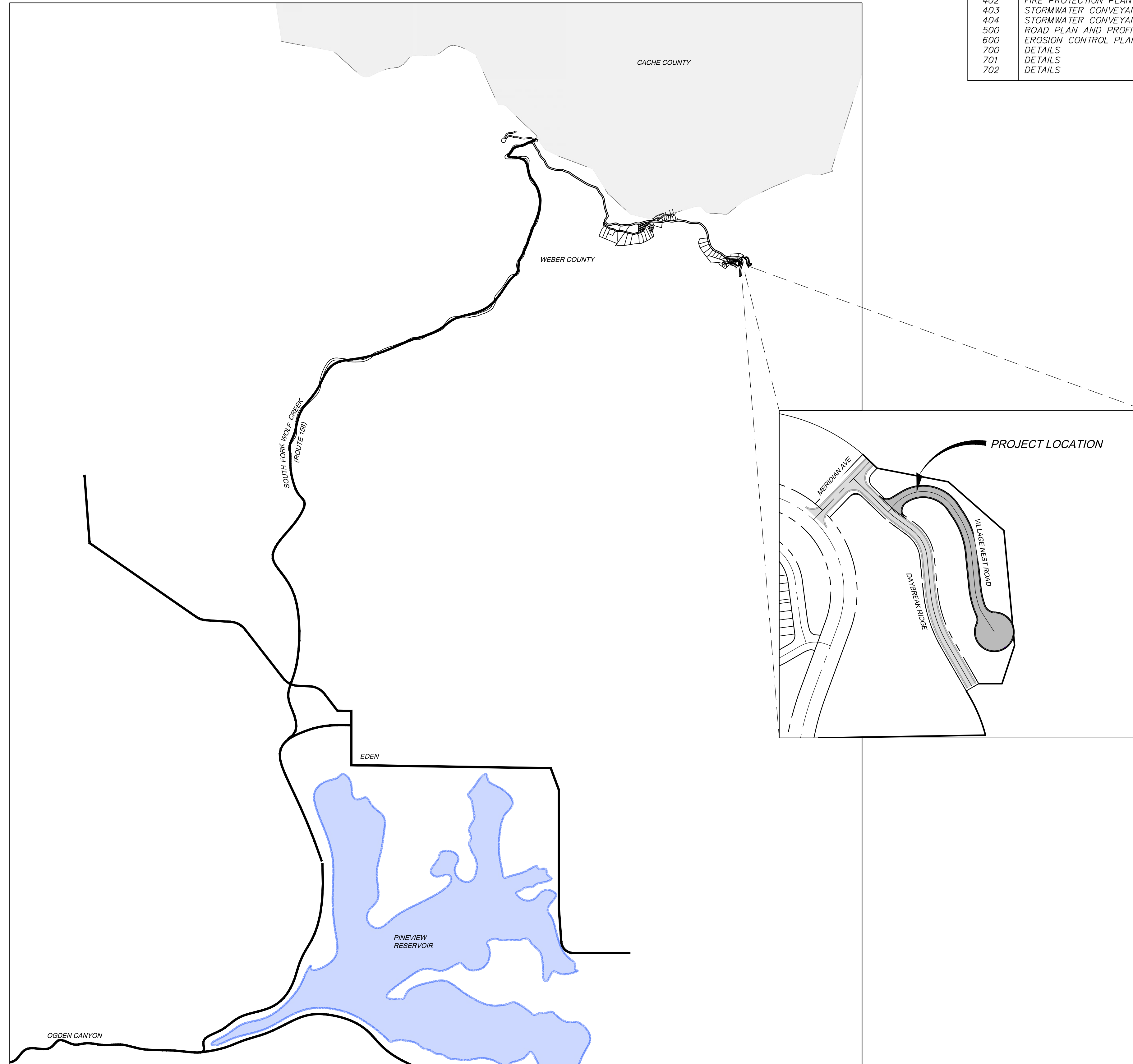


VILLAGE NEST AT POWDER MOUNTAIN SITE CONSTRUCTION DRAWINGS

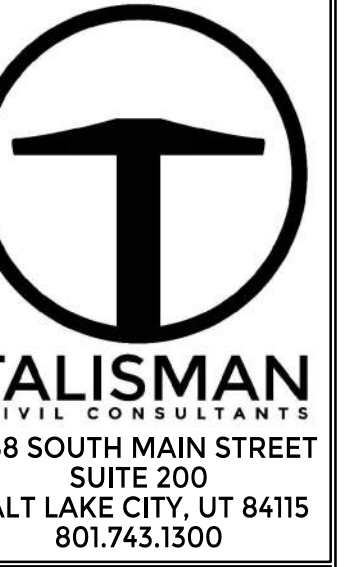
Located in Weber County, Utah



SHEET INDEX:

SHEET NO.	SHEET DESCRIPTION
000	COVER SHEET
001	GENERAL NOTES
002	TYPICAL ROAD SECTIONS
200	SITE PLAN
201	CUT-FILL PLAN
202	ROADWAY SECTIONS PLAN
400	UTILITY PLAN
401	UTILITY PLAN AND PROFILE
402	FIRE PROTECTION PLAN
403	STORMWATER CONVEYANCE PLAN AND PROFILE
404	STORMWATER CONVEYANCE PLAND AND PROFILE
500	ROAD PLAN AND PROFILE
600	EROSION CONTROL PLAN
700	DETAILS
701	DETAILS
702	DETAILS

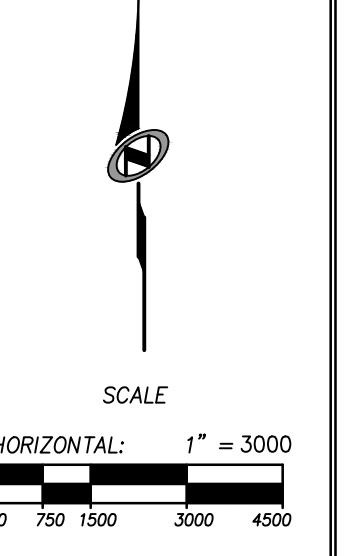
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NOT FOR CONSTRUCTION**



**VILLAGE NEST
POWDER MOUNTAIN, WEBER COUNTY, UTAH
COVER SHEET**

DATE: 09.07.23

TCC JOB NUMBER: 22-200-49

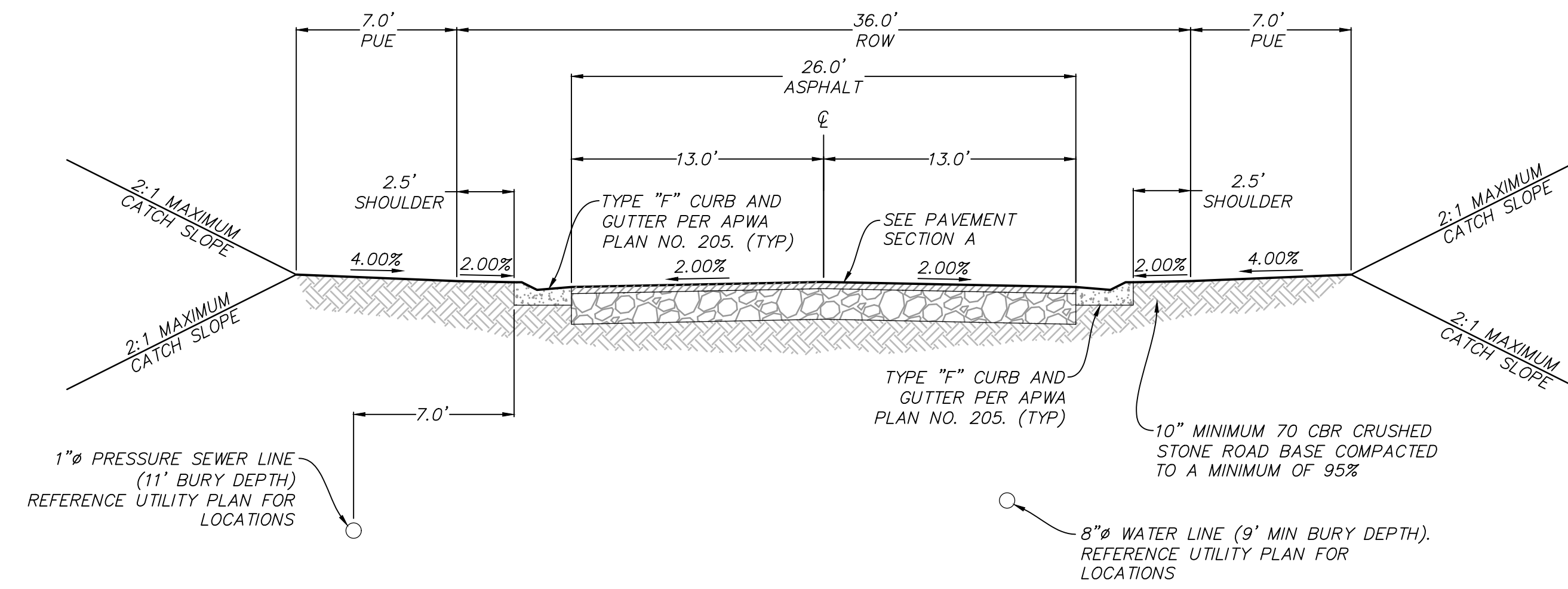


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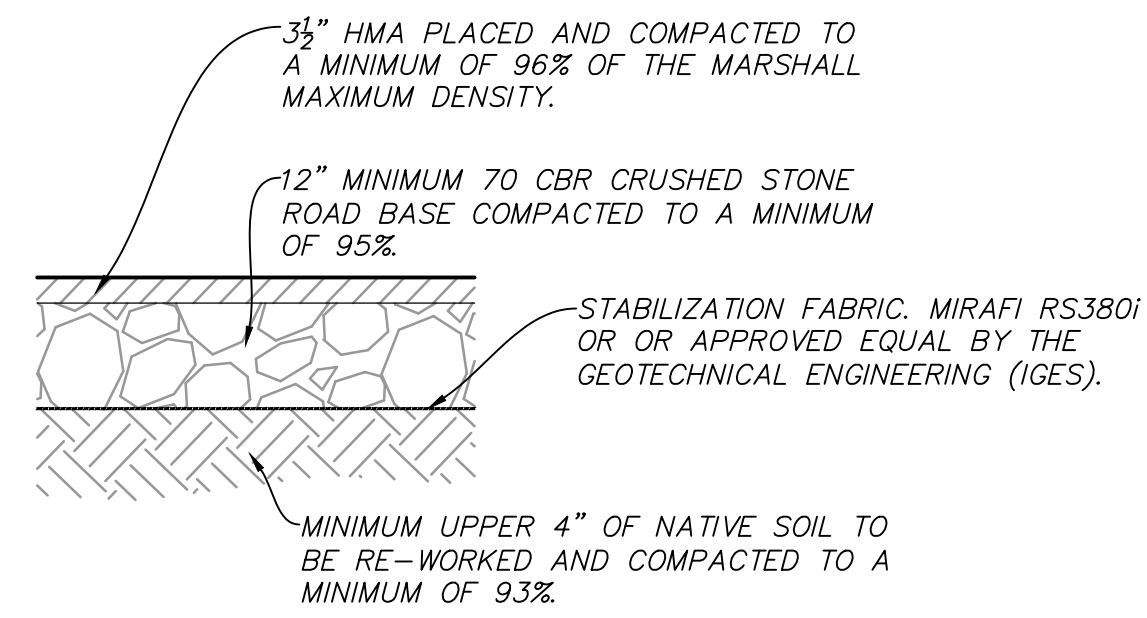


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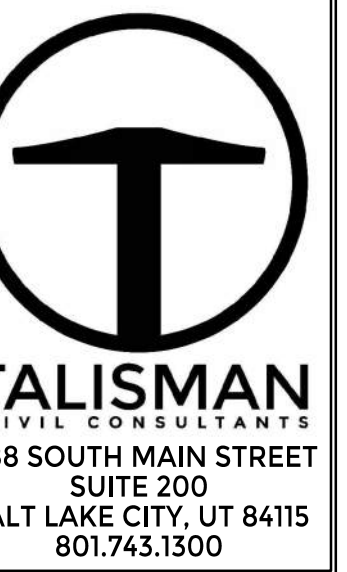
TYPICAL SECTION: VILLAGE NEST ROAD



NOTE: PAVEMENT SECTION DETERMINED BY IGES GEOTECHNICAL REPORT DATED FEBRUARY 12, 2019 (REV.2).

PAVEMENT SECTION A

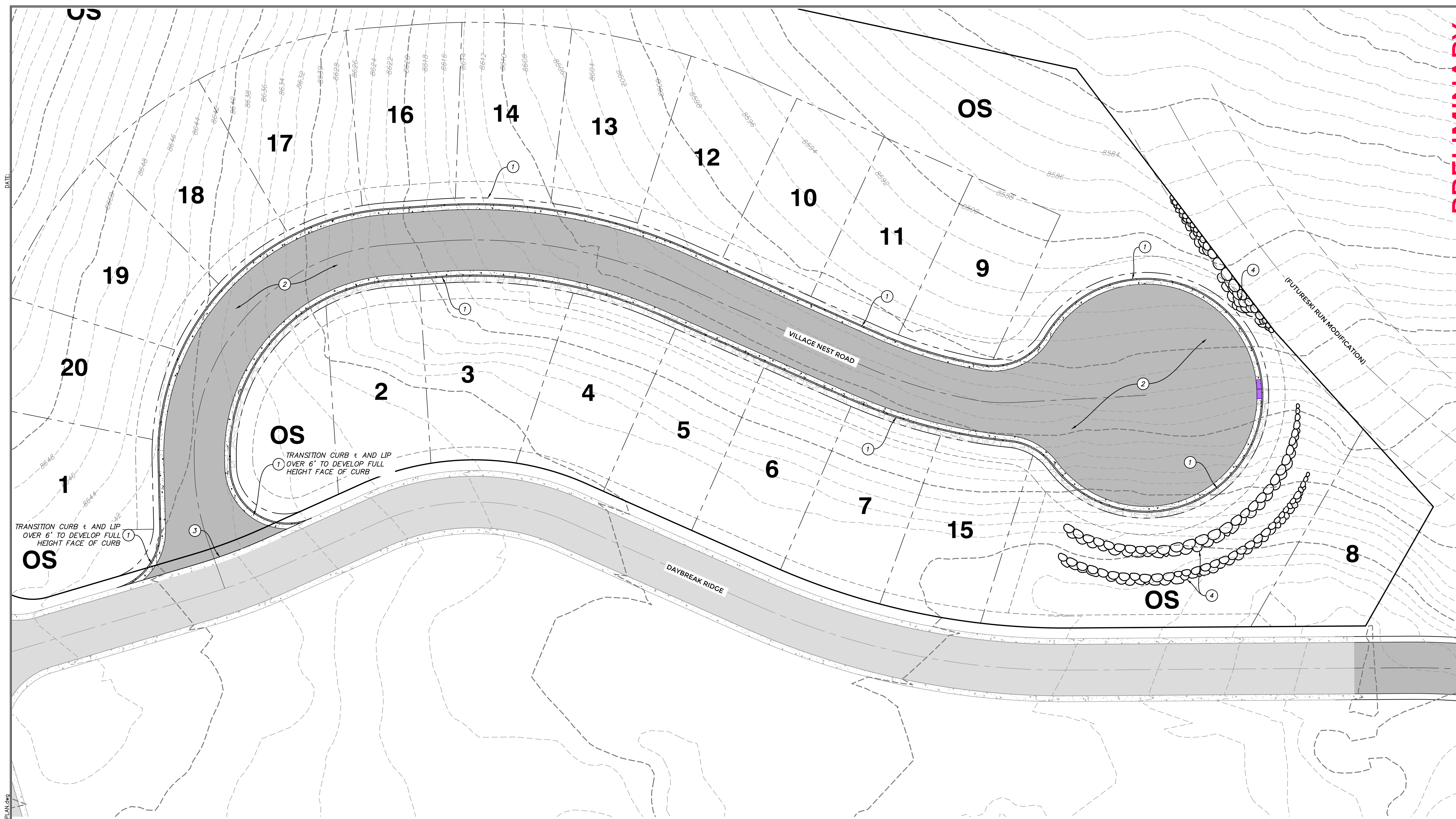
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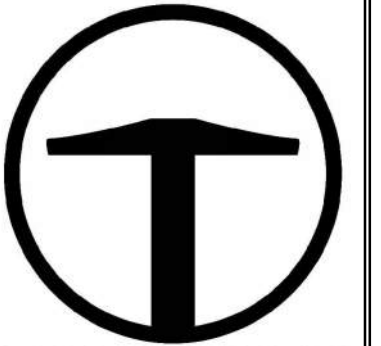
NO.	DATE	BY	REVISIONS

VILLAGE NEST
POWDER MOUNTAIN, WEBER COUNTY, UTAH
TYPICAL ROAD SECTIONS
TCC JOB NUMBER: 22-200-49
DATE: 09.07.23





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TALISMAN
CIVIL CONSULTANTS
1588 SOUTH MAIN STREET
SUITE 200
SALT LAKE CITY, UT 84115
801.743.1300

NO.	DATE	BY	REVISIONS

VILLAGE NEST
POWDER MOUNTAIN, WEBER COUNTY, UTAH
SITE PLAN

DATE: 09.07.23

TCC JOB NUMBER: 22-200-49

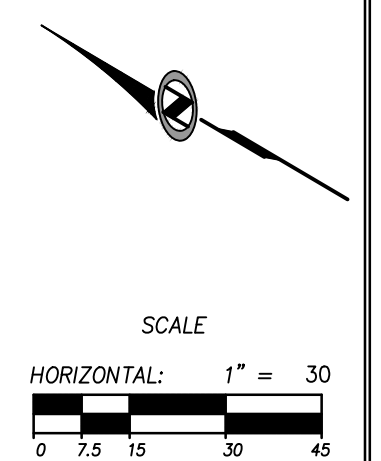
SITE GENERAL NOTES:

- SEE GRADING DRAWINGS FOR ADDITIONAL DESIGN INFORMATION.
- EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THOSE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT.
- CONTRACTOR IS TO VERIFY CONNECTION POINTS WITH EXISTING UTILITIES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN.
- ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES, DECORATIVE SHRUBS, SOD, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.

SITE KEYNOTES:

- INSTALL TYPE 'F' CURB AND GUTTER PER APWA PLAN NO. 205, SEE SHEET C700
- INSTALL ASPHALT PAVEMENT PER PAVEMENT SECTION A, SEE SHEET C002
- PROPOSED IMPROVEMENTS TO BE FLUSH WITH AND MATCH ELEVATION OF EXISTING TOP BACK OF CURB ALONG EDGE.
- INSTALL ROCKERY WALL. ROCKERY IN THIS AREA TO BE CONSTRUCTED PER "ROCKERY CONSTRUCTION GUIDELINES, POWDER MOUNTAIN, WEBER COUNTY, UTAH" REPORT BY IGES DATED MAY 8, 2013. REFERENCE SHEET 500 FOR ELEVATIONS. SEE SHEET C700

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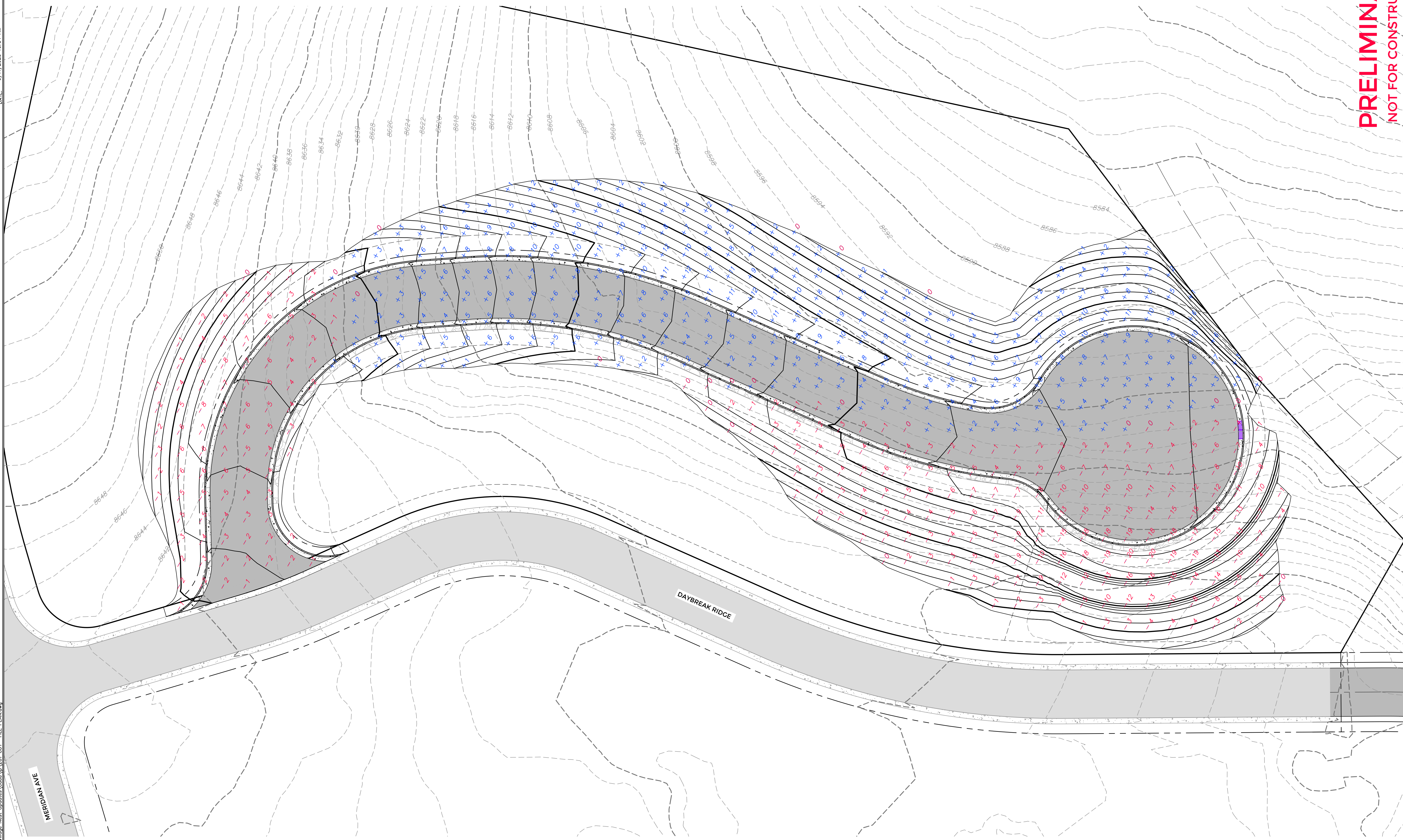


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200
4 OF 18



DATE: 9/11/2023 10:34 AM

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MERIDIAN AVE

DAYBREAK RIDGE

NOTE: CUT/FILL TICKS AND
 QUANTITIES REFLECT EARTH WORK
 TO TOP OF SUBGRADE.

CUT: 6,075 Cu. Yd.
 FILL: 5,980 Cu. Yd.
 NET (CUT): 95 Cu. Yd.

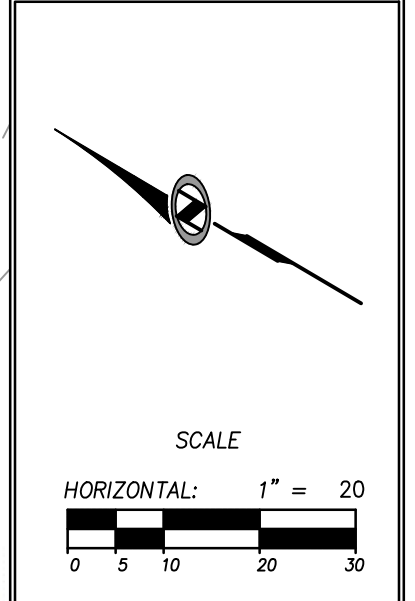
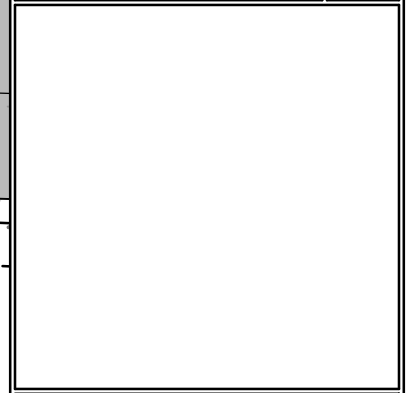
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NOT FOR CONSTRUCTION

TALISMAN
 CIVIL CONSULTANTS
 1588 SOUTH MAIN STREET
 SUITE 200
 SALT LAKE CITY, UT 84115
 801.743.1300

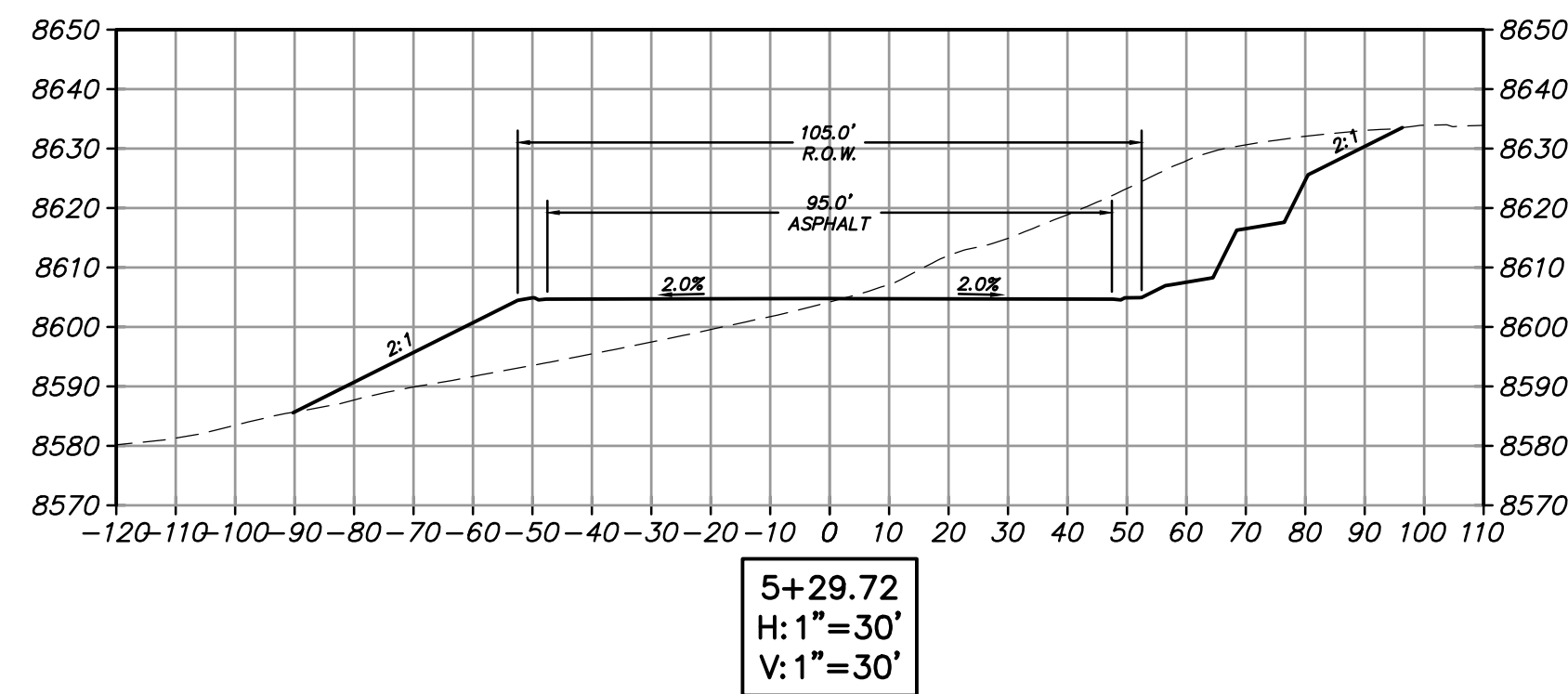
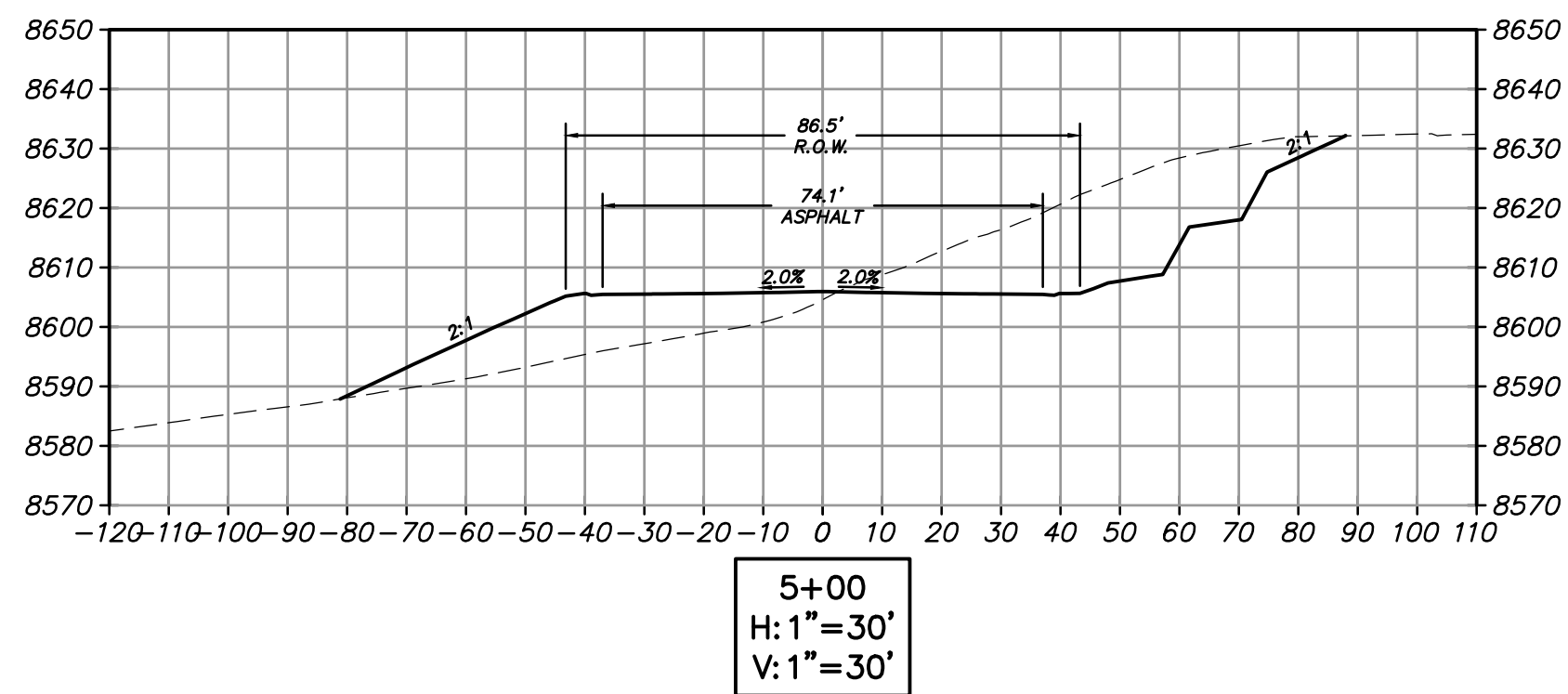
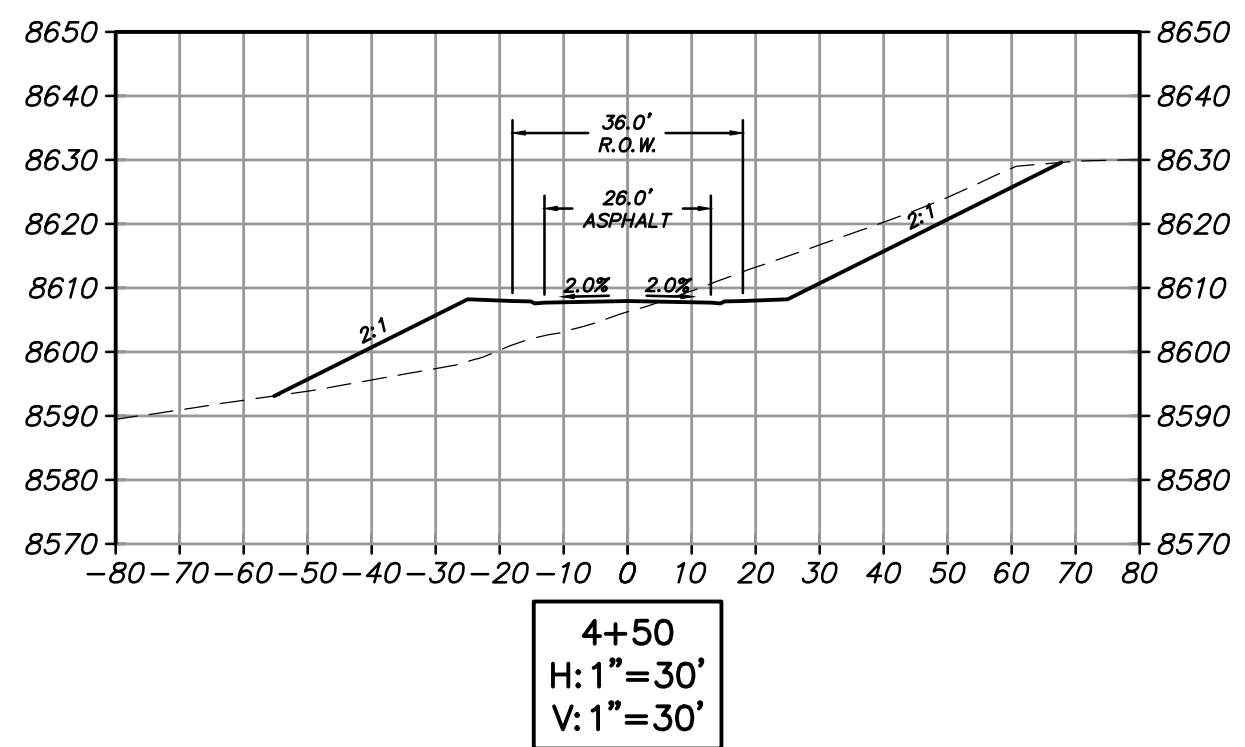
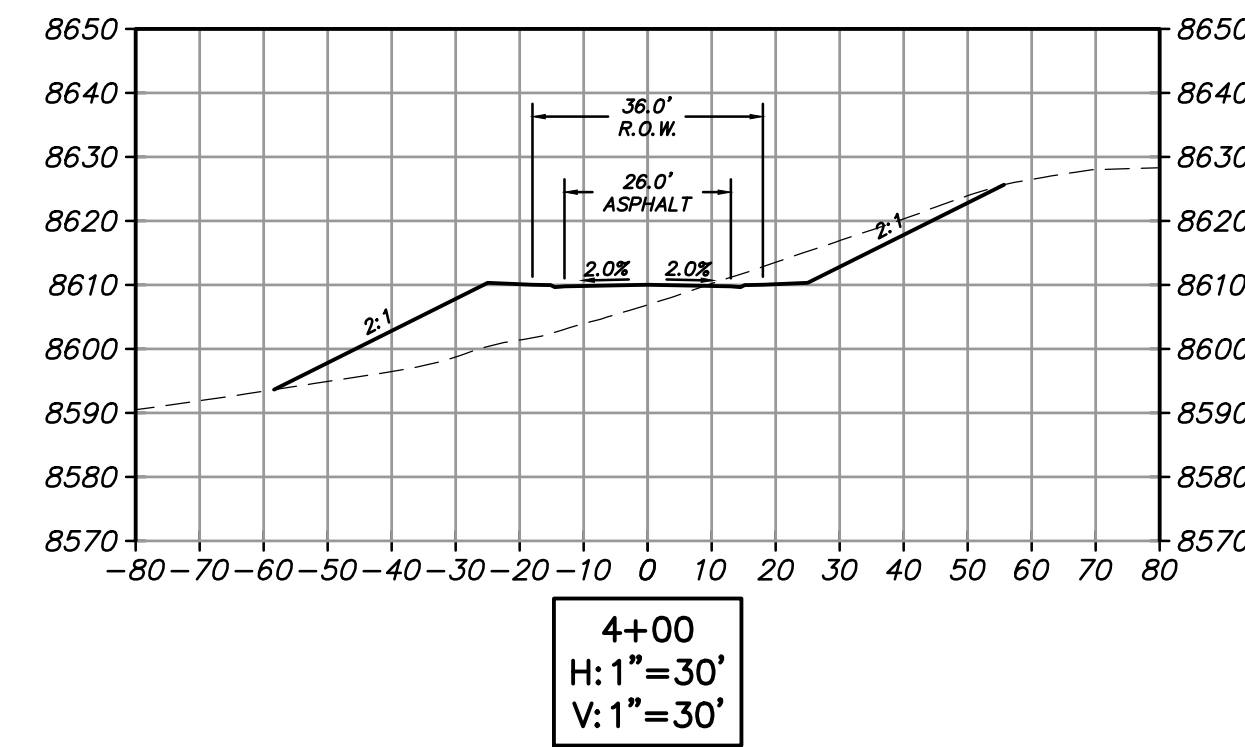
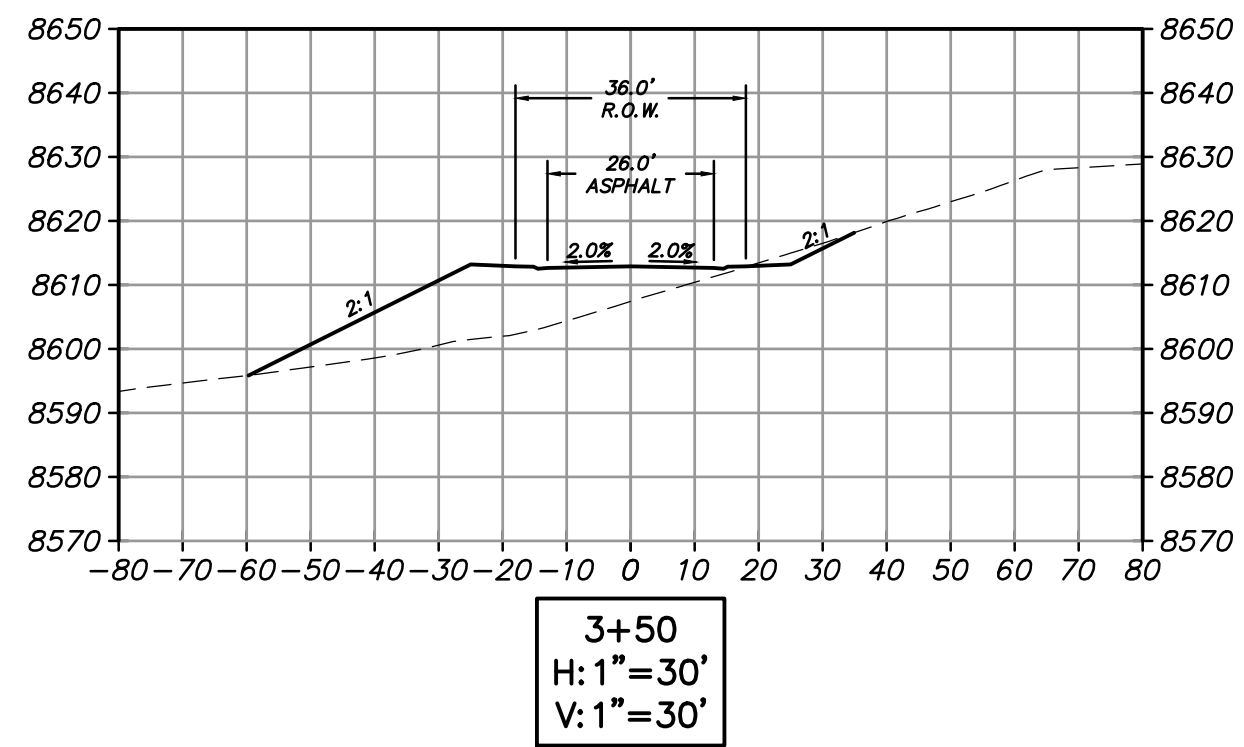
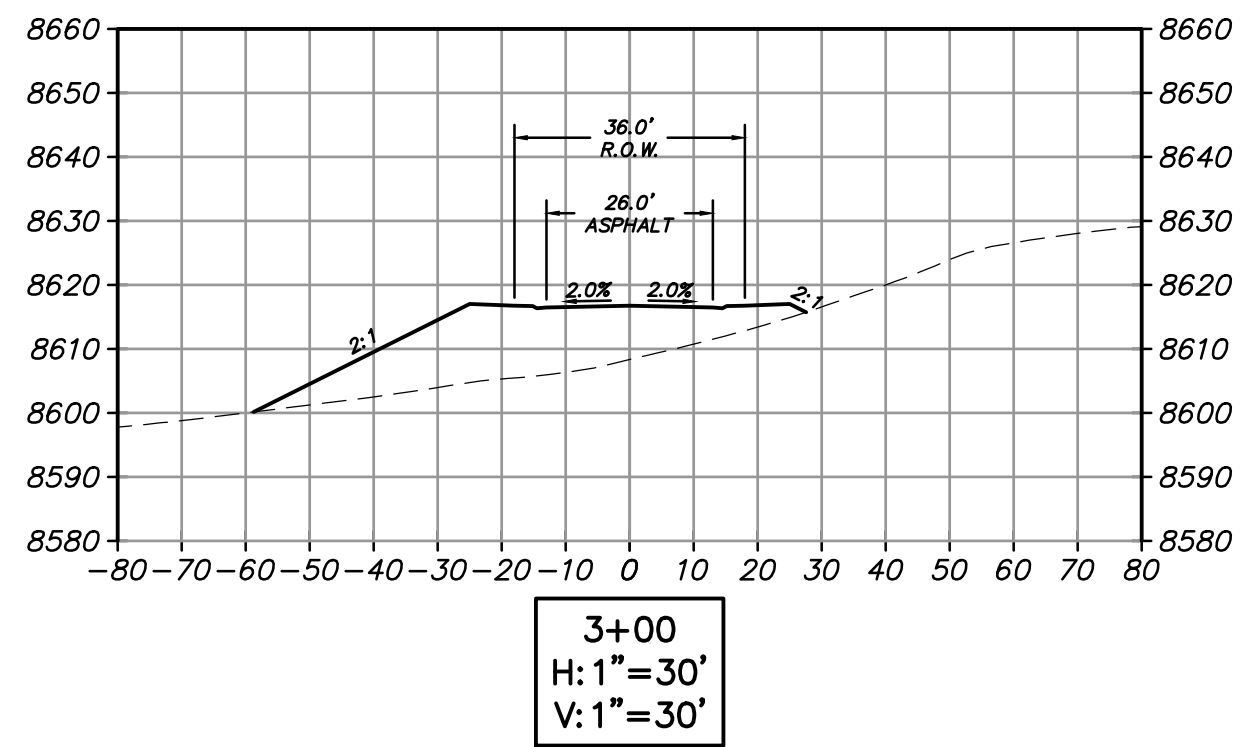
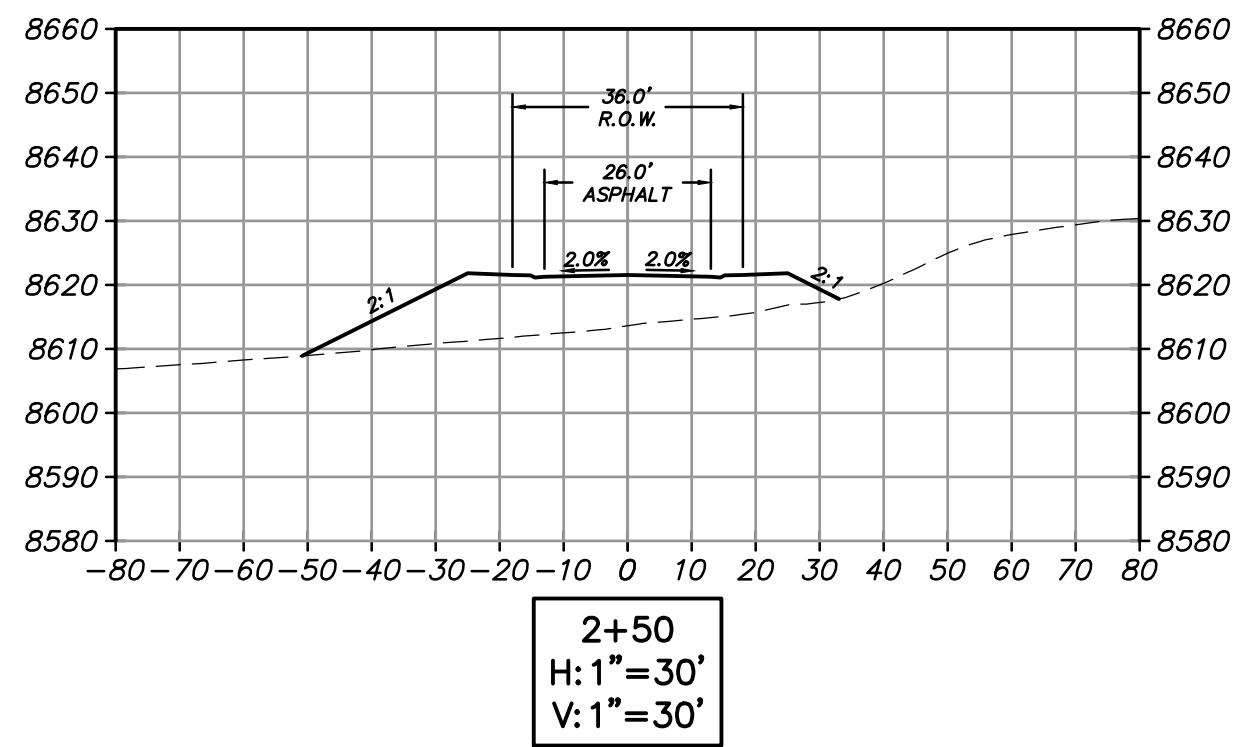
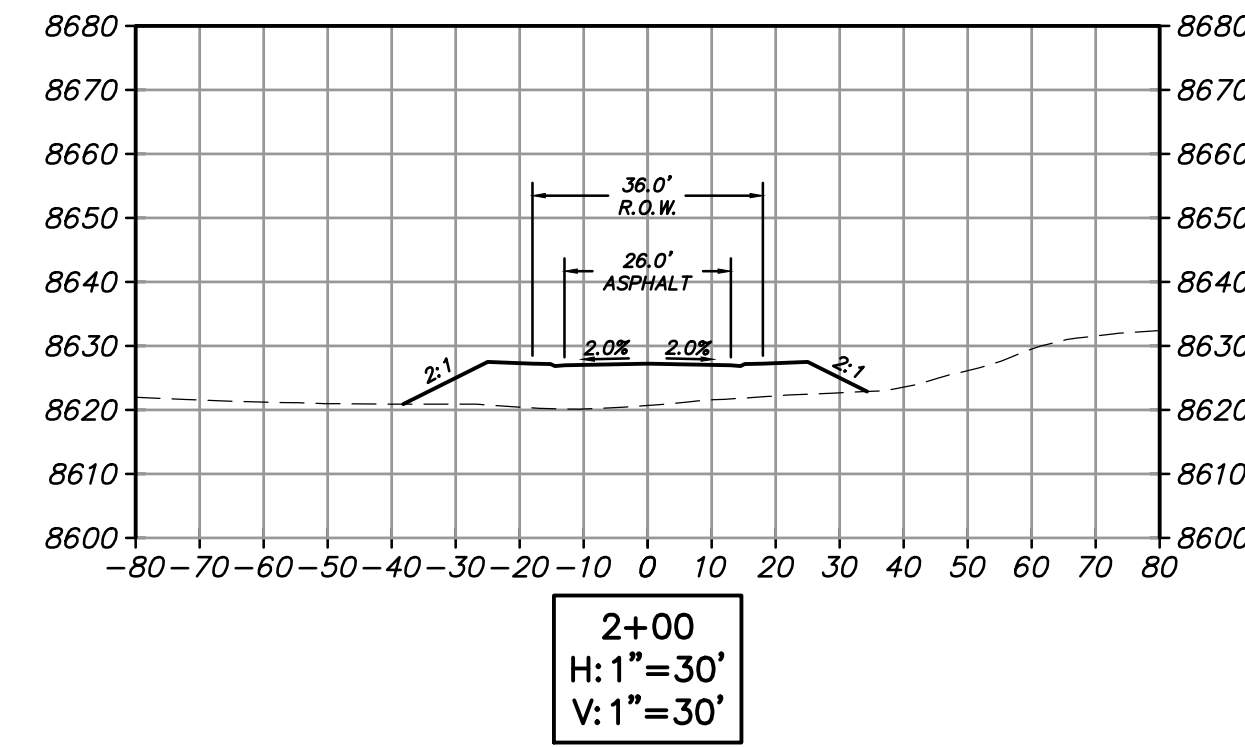
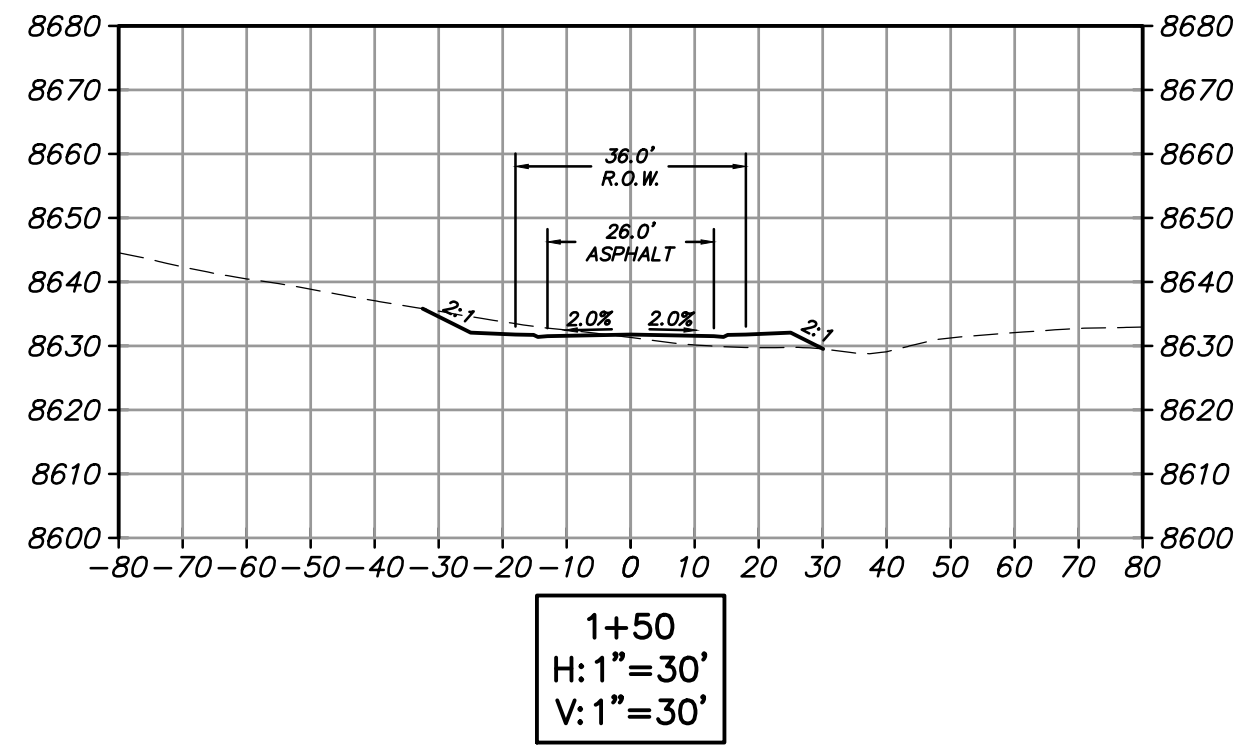
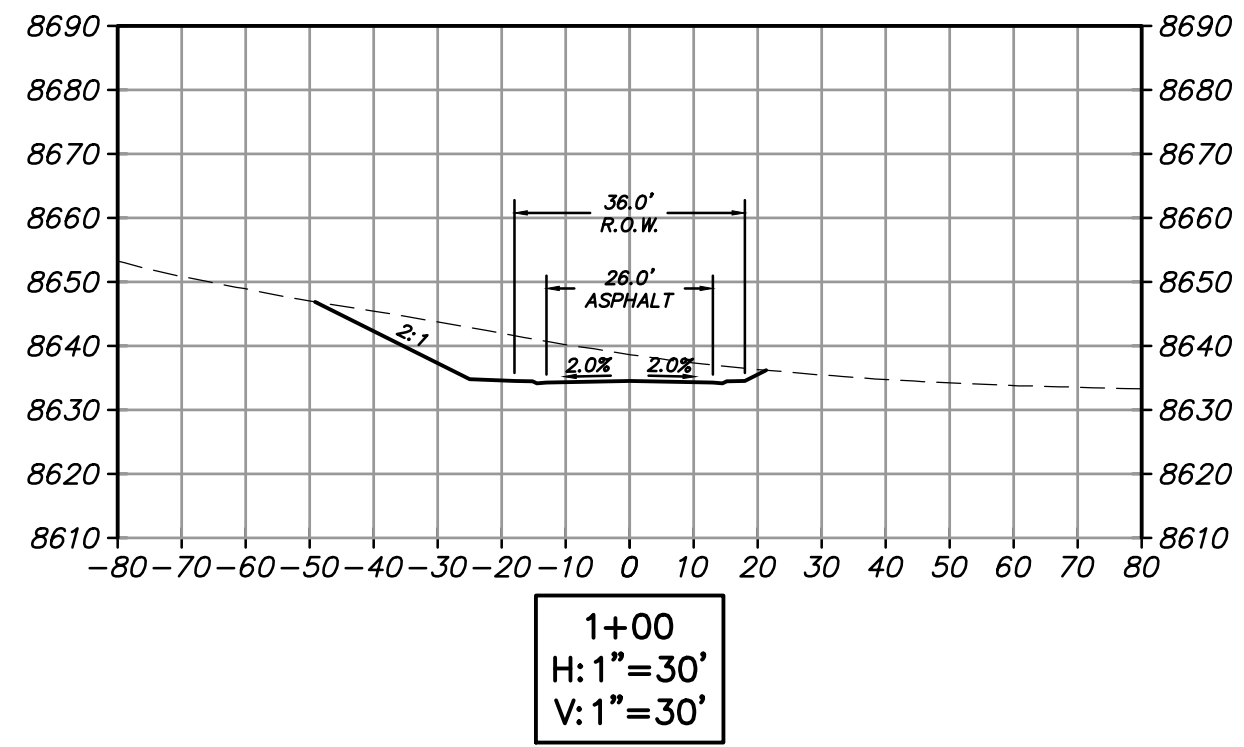
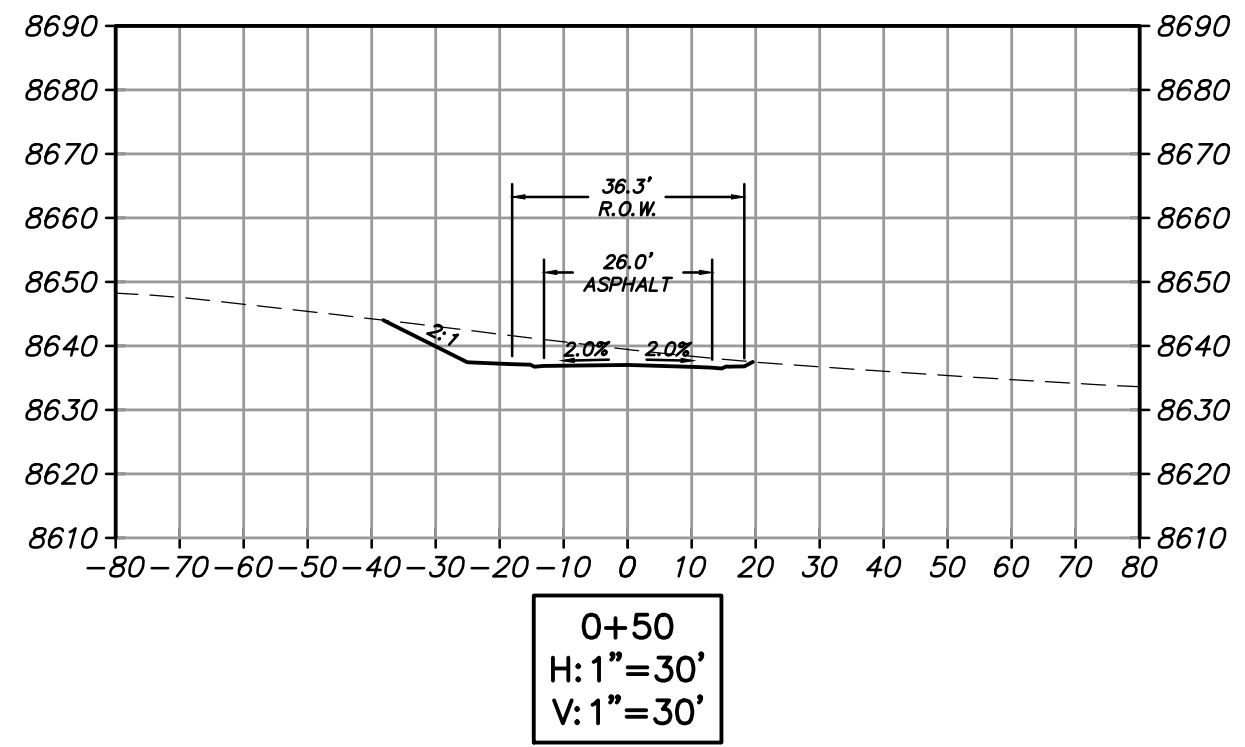
NO.	BY	DATE	REVISIONS

VILLAGE NEST
POWDER MOUNTAIN, WEBER COUNTY, UTAH
CUT-FILL PLAN

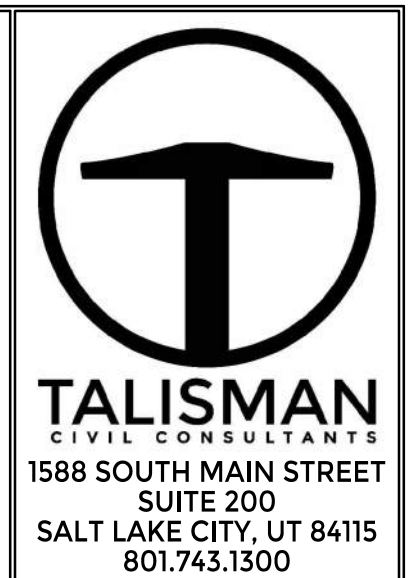
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201
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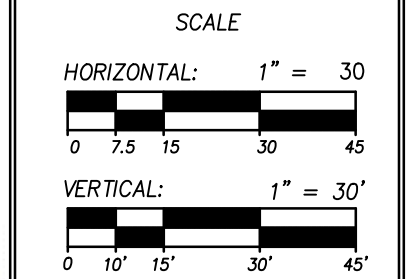
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NO.	DATE	BY

VILLAGE NEST
POWDER MOUNTAIN, WEBER COUNTY, UTAH
ROADWAY SECTIONS PLAN

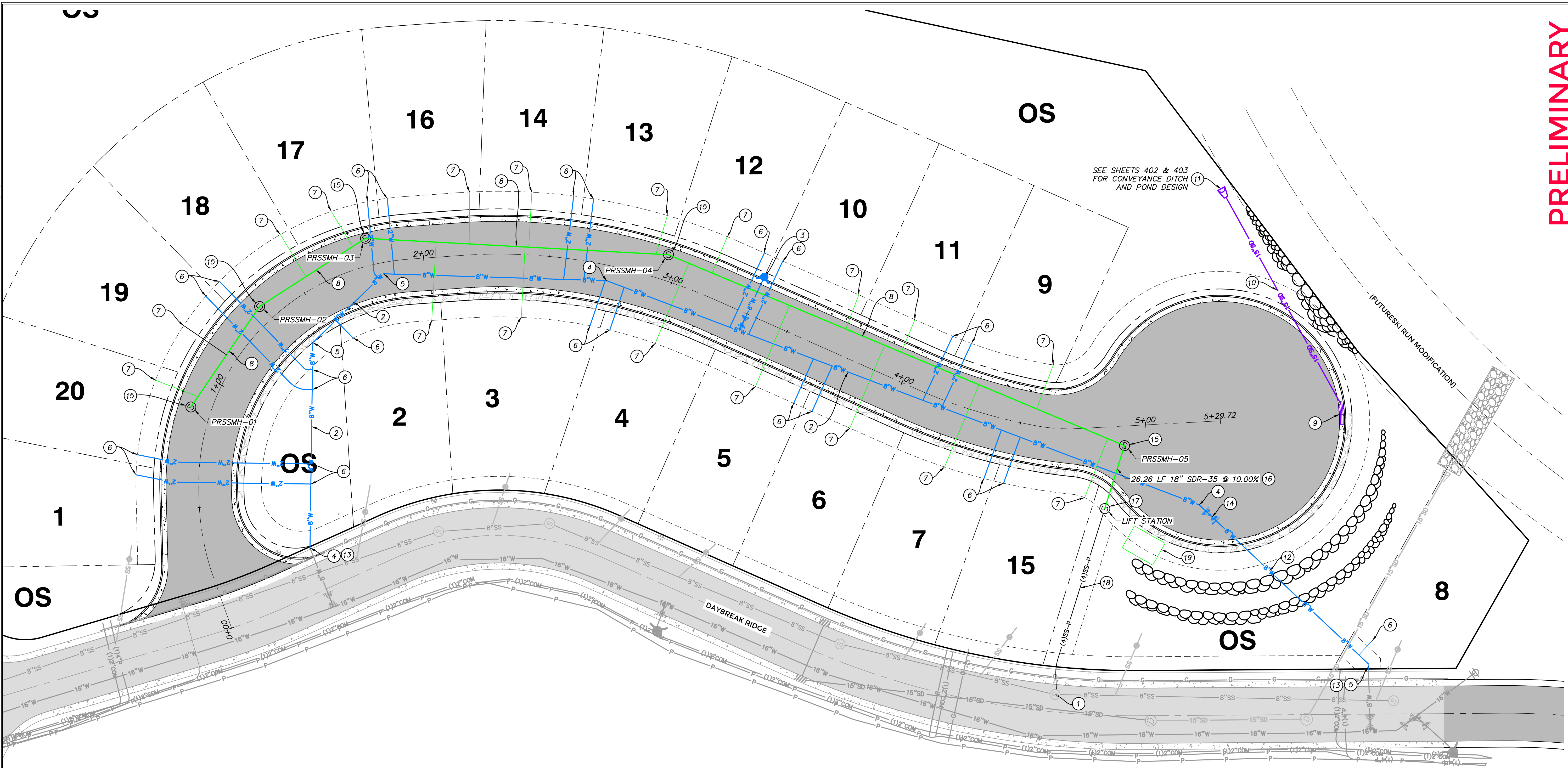
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UTILITY GENERAL NOTES:

1. SEE GRADING DRAWINGS FOR ADDITIONAL DESIGN INFORMATION.
2. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THOSE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT.
3. CONTRACTOR IS TO VERIFY CONNECTION POINTS WITH EXISTING UTILITIES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN.
4. ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES, DECORATIVE SHRUBS, SOD, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.

POWDER MOUNTAIN WATER AND SEWER IMPROVEMENT DISTRICT NOTES:

1. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND INVERT ELEVATIONS OF EXISTING MANHOLES AND OTHER UTILITIES BEFORE STAKING OR CONSTRUCTING ANY NEW SEWER LINES.
2. ALL CONSTRUCTION SHALL COMPLY TO THE STANDARD TECHNICAL SPECIFICATIONS AND DRAWINGS FOR THE POWDER MOUNTAIN WATER AND SEWER IMPROVEMENT DISTRICT OF UTAH.
3. ALL WATER MAINS AND SERVICE LATERALS TO BE BURIED AT 9' MINIMUM DEPTH.

LEGEND:

-  EXISTING FIRE HYDRANT
-  PROPOSED FIRE HYDRANT
-  FIRE PROTECTION RADIUS

UTILITY KEYNOTES:

- PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:
1. CONNECT TO EXISTING SANITARY SEWER MANHOLE AND GROUT IN PLACE. SEE LIFT STATION PLANS.
 2. INSTALL 8" PVC C-900 WATER LINE PER PMWSID DETAIL SHEET No. 1. SEE SHEET C701.
 3. INSTALL FIRE HYDRANT PER PMWSID DETAIL SHEET No. 3. SEE SHEET C701.
 4. INSTALL 8" ϕ 22.5" BEND WITH THRUST BLOCKING PER PMWSID DETAIL DW-1. SEE SHEET C702.
 5. INSTALL 8" ϕ 45" BEND WITH THRUST BLOCKING PER PMWSID DETAIL DW-1. SEE SHEET C702.
 6. INSTALL 2" SERVICE LATERAL PER PMWSID DETAIL SHEET No. 2 TO CURB STOP. SERVICE LATERAL AND METER AFTER CURB STOP INSTALLED BY OTHERS. SEE SHEET C701.
 7. INSTALL 4" ϕ SANITARY SEWER LATERAL PER PMWSID DETAIL SS-3. SEE SHEET C702.
 8. INSTALL 8" SDR35 GRAVITY SANITARY SEWER PIPE PER PMWSID DETAIL SS-1. SEE SHEET C702.
 9. INSTALL DOUBLE GRATE CATCH BASIN PER APWA PLAN 315.2. SEE SHEET C700.
 10. INSTALL 15" HDPE STORM DRAIN PIPE PER APWA PLAN 381 AND 382. SEE SHEETS C700 AND C701.
 11. INSTALL PIPE OUTFALL PER APWA PLAN 323.1. SEE SHEET C700.

12. INSTALL 8" SDR-17 HDPE FUSION WELDED WATER LINE PIPE PER PMWSID DETAIL SHEET No. 1, SEE SHEET C701. INSULATE PIPE PER DETAIL A, SEE SHEET C703.
13. CONNECT TO EXISTING 8" WATER STUB.
14. INSTALL 8" GATE VALVE.
15. INSTALL 4" PMWSID MANHOLE PER DETAIL SS-2. SEE SHEET C702 AND LIFT STATION PLANS.
16. INSTALL 18" SDR35 GRAVITY SANITARY SEWER PIPE PER PMWSID DETAIL SS-1. SEE SHEET C702.
17. INSTALL SEWER LIFT STATION. SEE LIFT STATION PLANS.
18. 4" SDR-11 HDPE PRESSURE PIPE. SEE LIFT STATION PLANS. INSULATE PIPE PER DETAIL A, SEE SHEET C703.
19. SEWER LIFT STATION BUILDING TO HOUSE BACKUP GENERATOR AND CONTROL PANELS. LIFT STATION BUILDING TO BE DESIGNED IN A FUTURE PLAN SET WHICH MUST BE APPROVED AND BONDED FOR PRIOR TO ANY BUILDING PERMITS ARE TO BE ISSUED FOR INDIVIDUAL LOTS.

**PRELIMINARY
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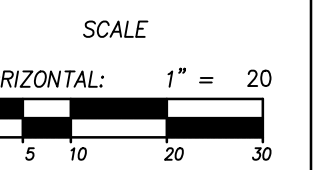
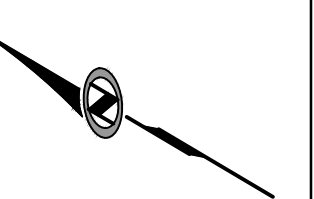


NO.	DATE	BY	REVISIONS

**VILLAGE NEST
POWDER MOUNTAIN, WEBER COUNTY, UTAH
UTILITY PLAN**

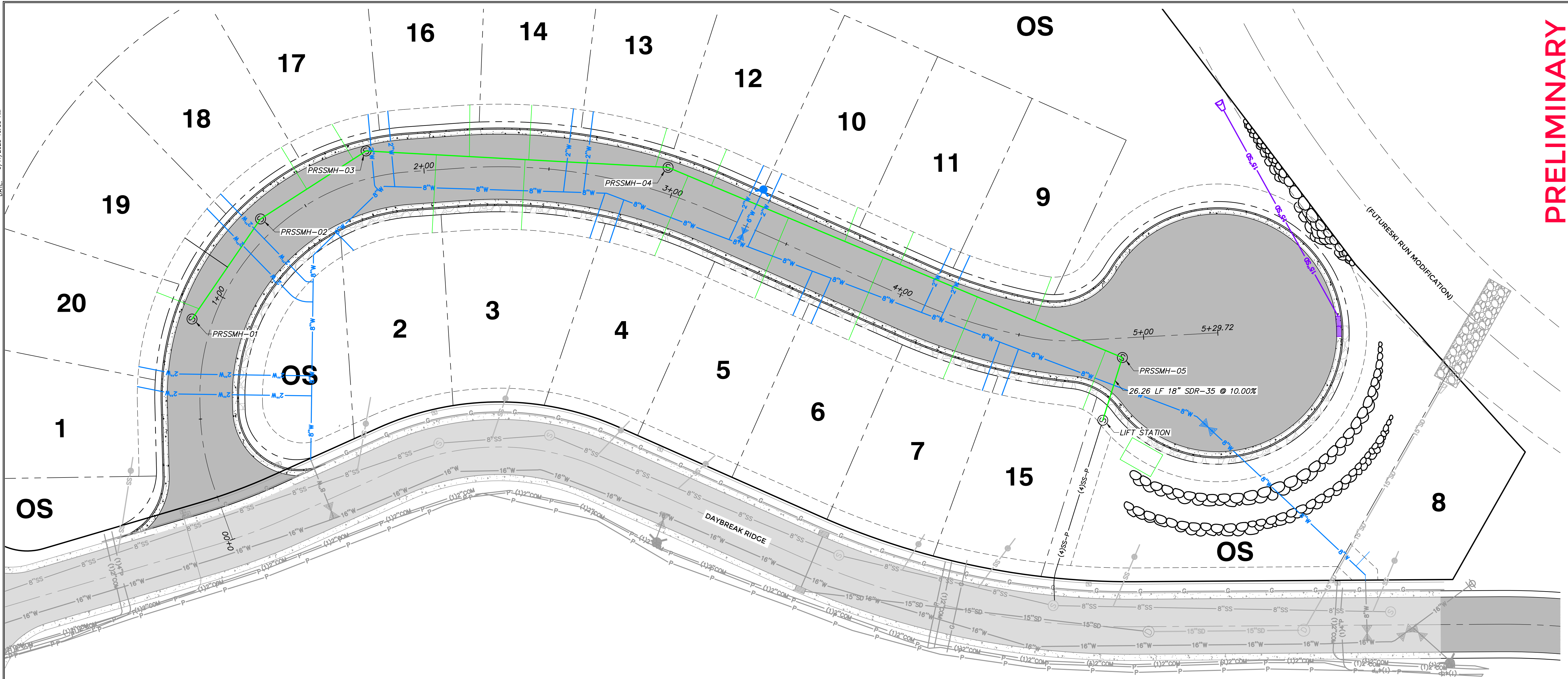
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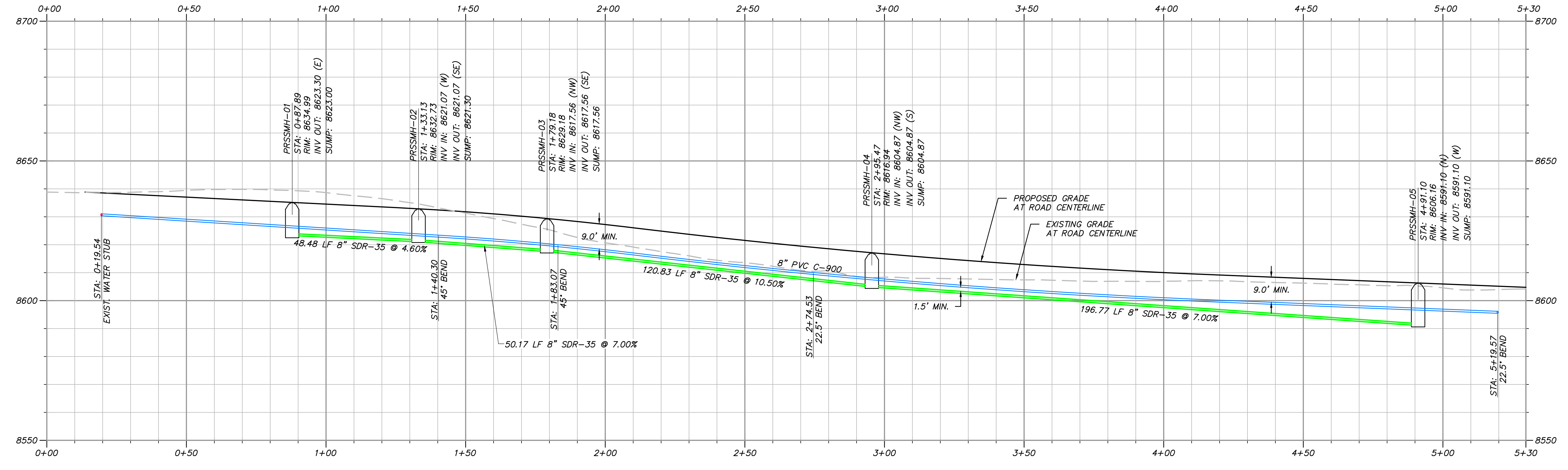


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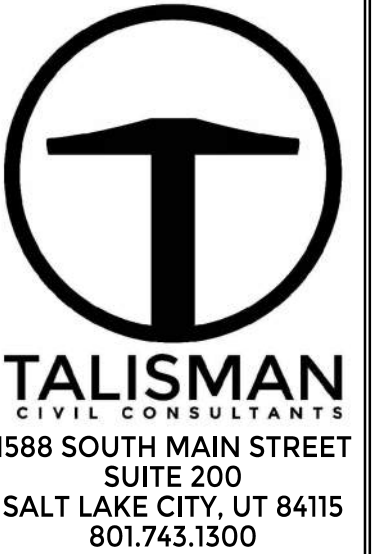


VILLAGE NEST ROAD



PROFILE VIEW

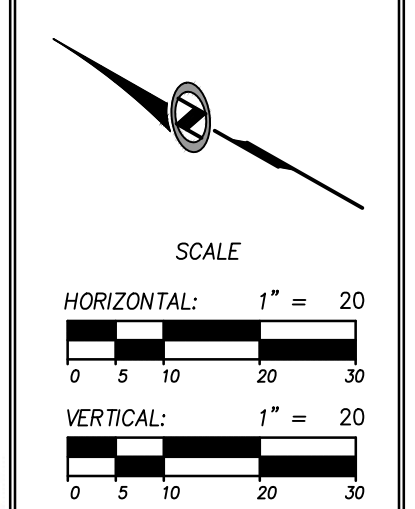
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VILLAGE NEST
POWDER MOUNTAIN, WEBER COUNTY, UTAH
UTILITY PLAN AND PROFILE

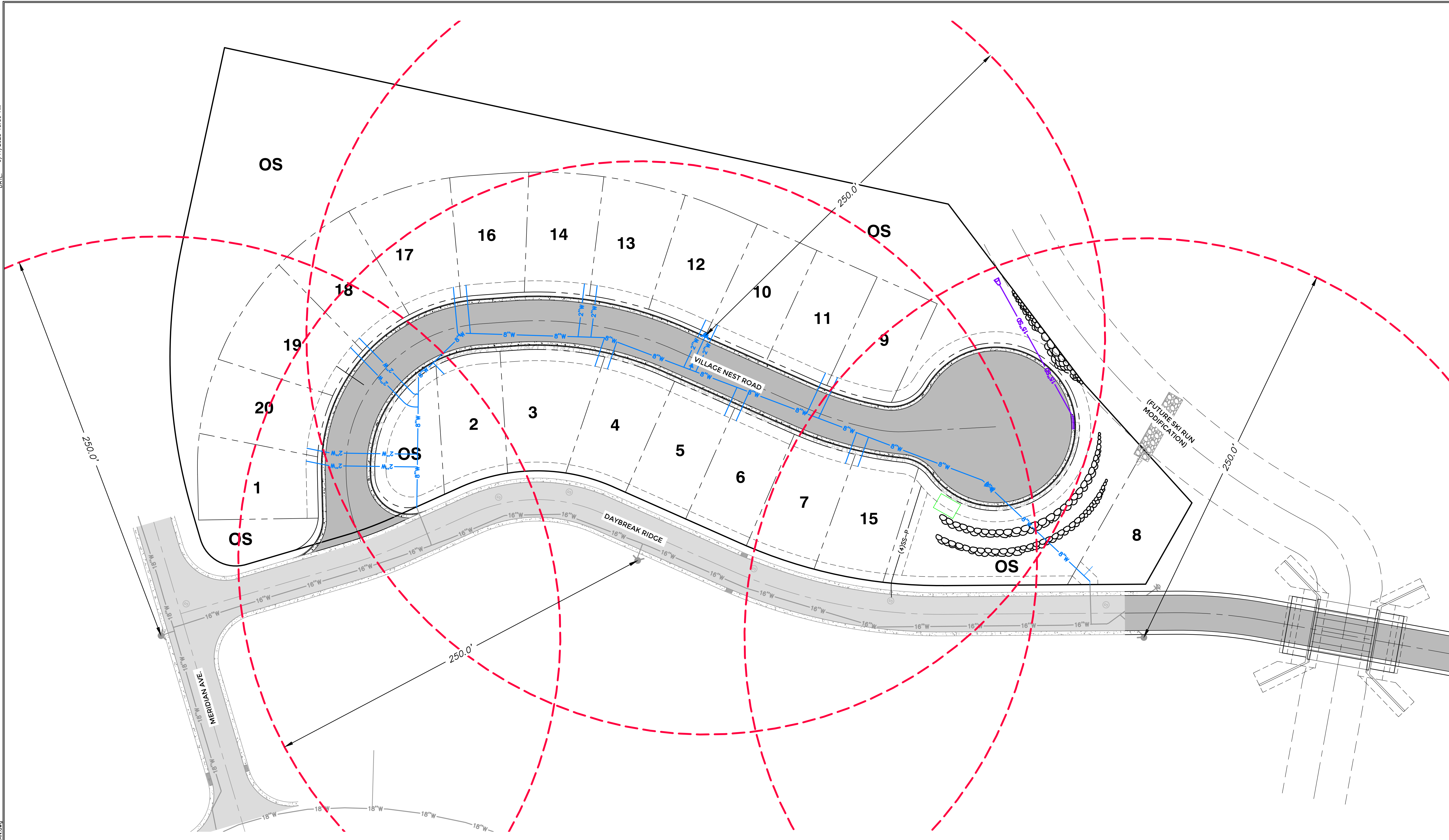
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NO.	DATE	BY	REVISIONS



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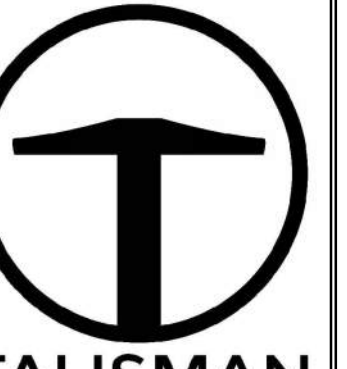
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POWDER MOUNTAIN WATER AND SEWER IMPROVEMENT DISTRICT
NOTES:

1. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND INVERT ELEVATIONS OF EXISTING MANHOLES AND OTHER UTILITIES BEFORE STAKING OR CONSTRUCTING ANY NEW SEWER LINES.
2. ALL CONSTRUCTION SHALL COMPLY TO THE STANDARD TECHNICAL

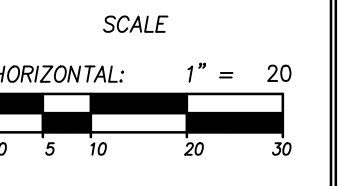
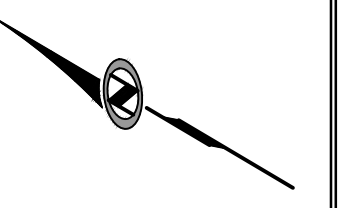
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 CIVIL CONSULTANTS
 1588 SOUTH MAIN STREET
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 SALT LAKE CITY, UT 84115
 801.743.1500

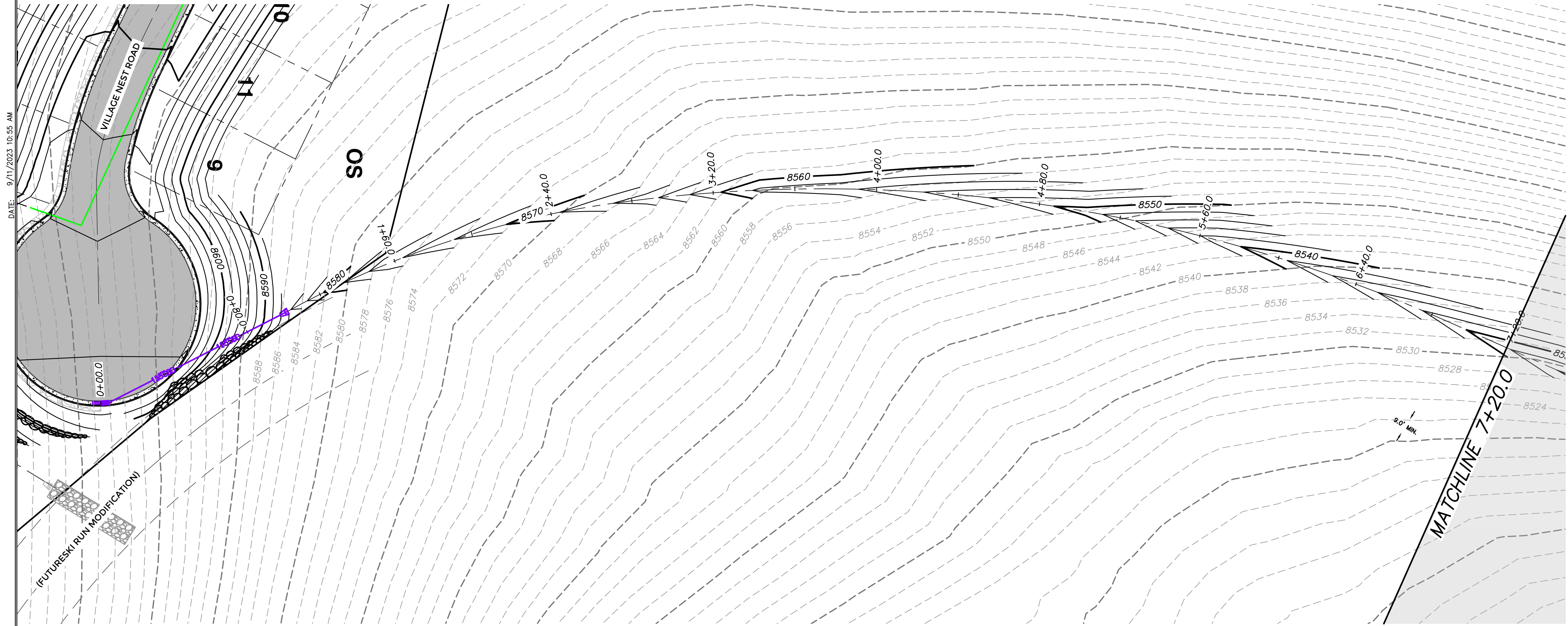
NO.	BY	DATE	REVISIONS

VILLAGE NEST
POWDER MOUNTAIN, WEBER COUNTY, UTAH
FIRE PROTECTION PLAN
 TCC JOB NUMBER: 22-200-49
 DATE: 09.07.23



SHEET NUMBER
402
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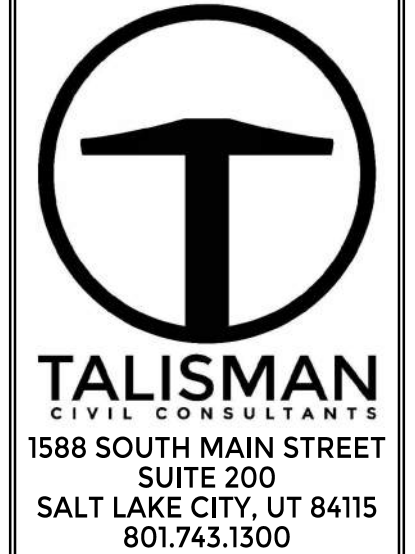


GRADING GENERAL NOTES:

1. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL SOFT, BUILDING OR UNSUITABLE MATERIALS AND REPLACING THEM WITH SUITABLE MATERIALS. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY PER ASTM TEST D-1557. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 3% BELOW OPTIMUM. THE CONTRACTOR SHALL SUBMIT A COMPACTION REPORT PREPARED BY A QUALIFIED REGISTERED GEOTECHNICAL ENGINEER, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS.
2. CONTRACTOR SHALL BECOME FAMILIAR WITH EXISTING SOIL CONDITIONS.
3. THE CONTRACTOR IS TO USE BEST MANAGEMENT PRACTICES FOR PROVIDING EROSION CONTROL AND DUST SUPPRESSION DURING CONSTRUCTION OF THIS PROJECT.
4. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THOSE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT.
5. LOCATIONS OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS TO VERIFY CONNECTION POINTS WITH EXISTING UTILITIES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN.
6. ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES, DECORATIVE SHRUBS, SOD, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.

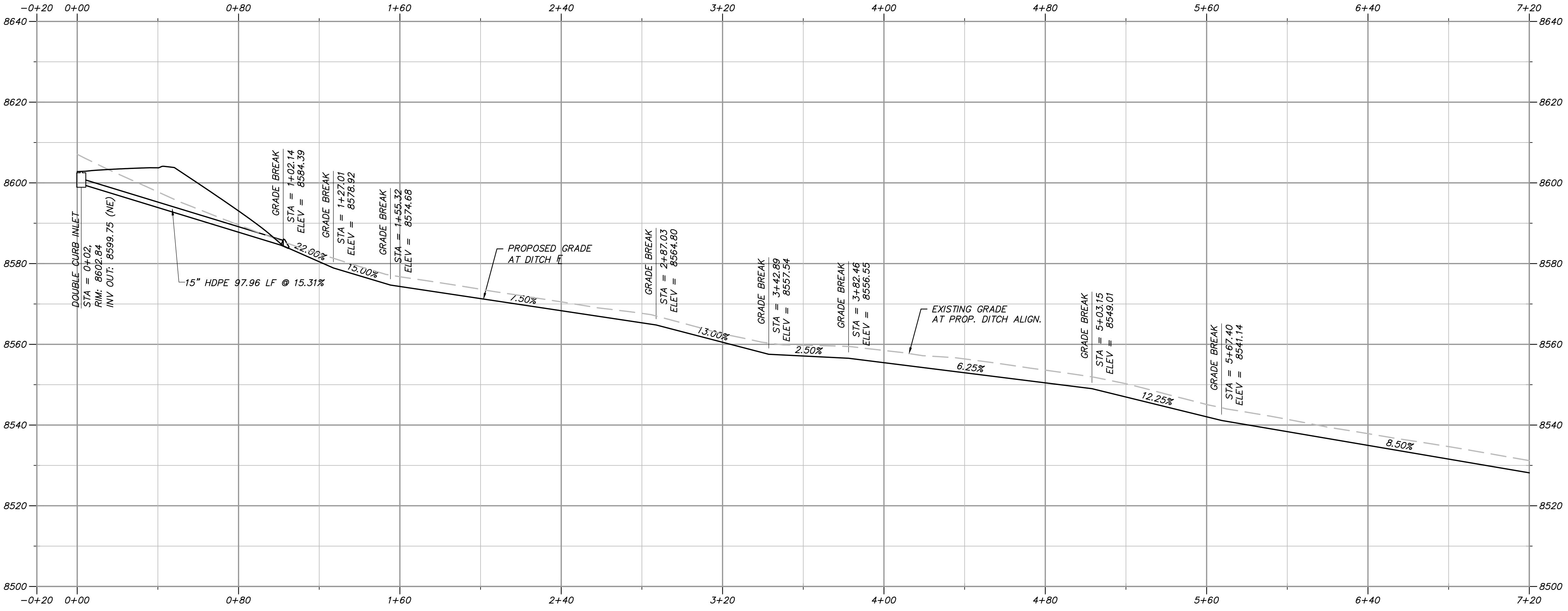
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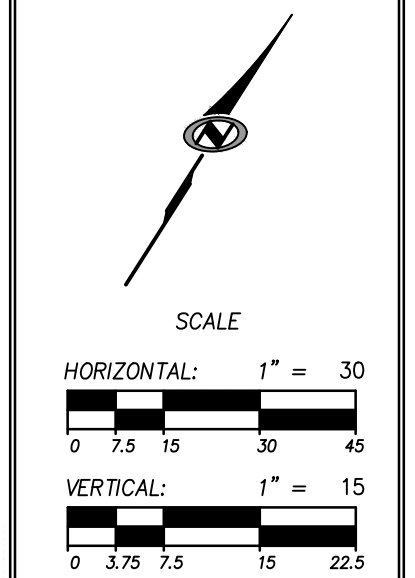
STORMWATER CONVEYANCE DITCH AND POND



PROFILE VIEW

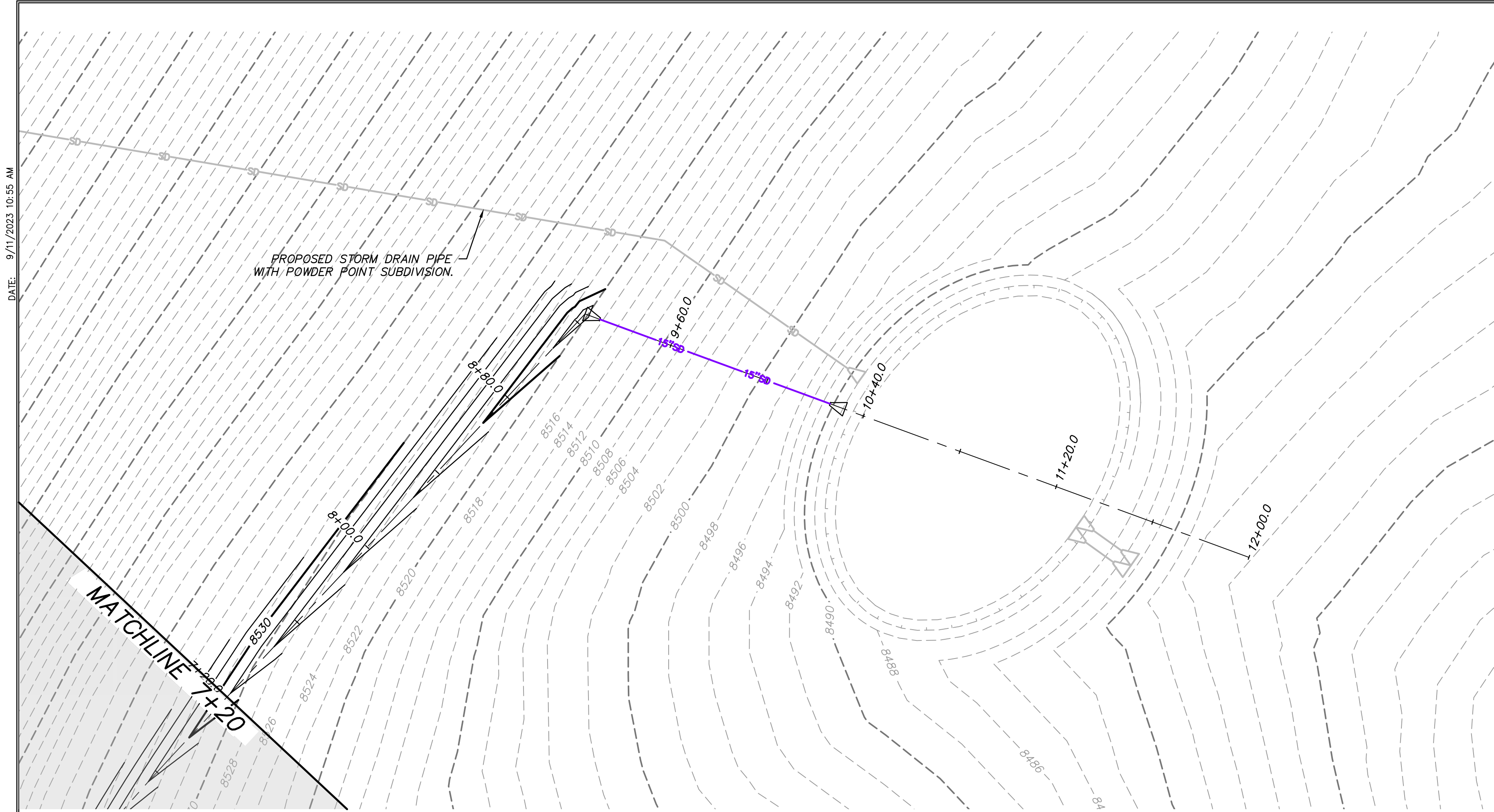
VILLAGE NEST
POWDER MOUNTAIN, WEBER COUNTY, UTAH
STORM WATER CONVEYANCE PLAN AND PROFILE
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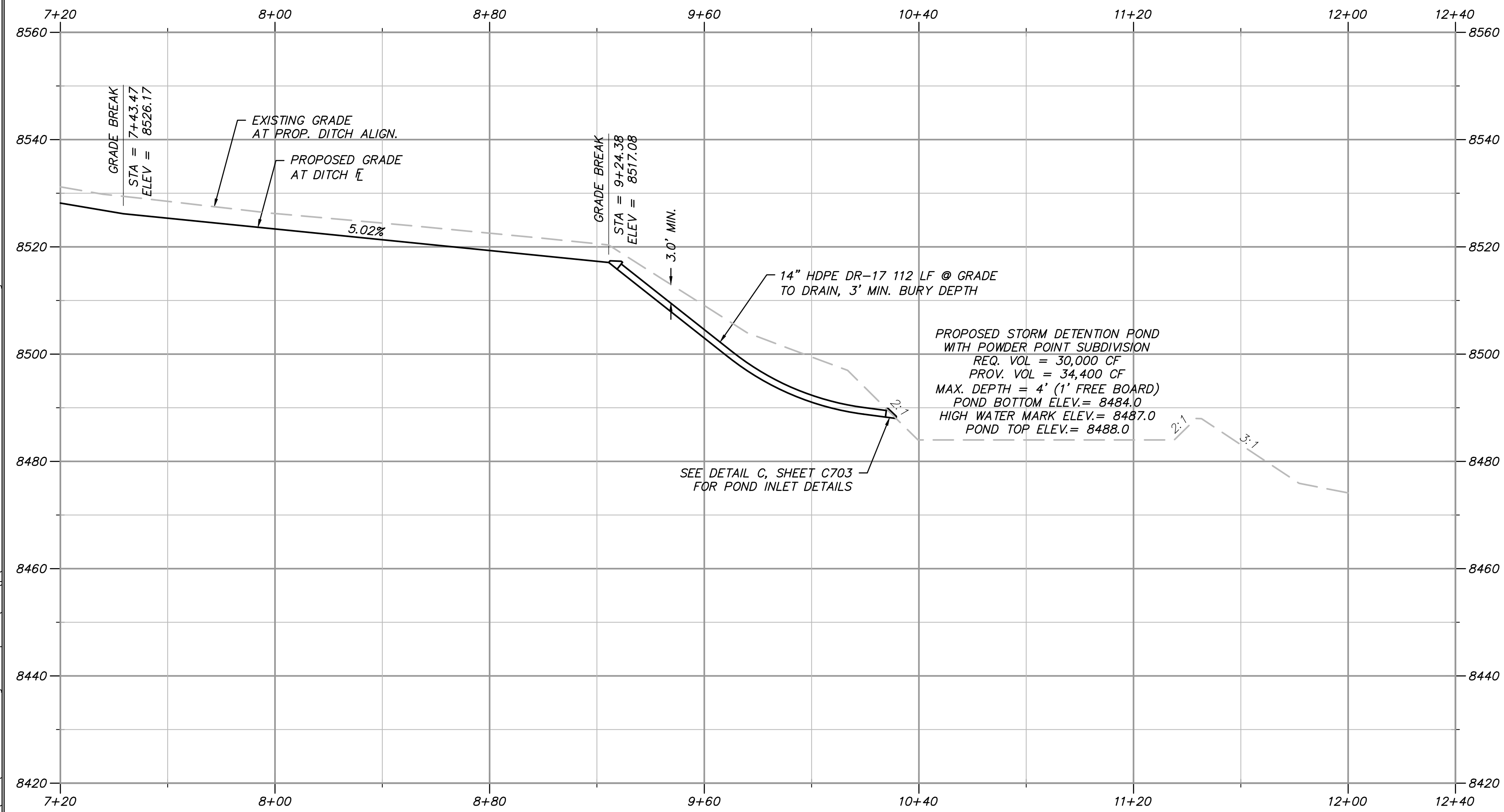


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STORMWATER CONVEYANCE DITCH AND POND



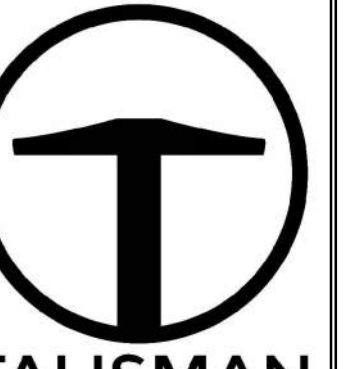
PROFILE VIEW

GRADING GENERAL NOTES:

1. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL SOFT, WELDING OR UNSUITABLE MATERIALS AND REPLACING THEM WITH SUITABLE MATERIALS. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY PER ASTM TEST D-1557. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 3% BELOW OPTIMUM. THE CONTRACTOR SHALL SUBMIT A COMPACTION REPORT PREPARED BY A QUALIFIED REGISTERED GEOTECHNICAL ENGINEER, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS.
2. CONTRACTOR SHALL BECOME FAMILIAR WITH EXISTING SOIL CONDITIONS.
3. THE CONTRACTOR IS TO USE BEST MANAGEMENT PRACTICES FOR PROVIDING EROSION CONTROL AND DUST SUPPRESSION DURING CONSTRUCTION OF THIS PROJECT.
4. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THOSE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT.
5. LOCATIONS OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS TO VERIFY CONNECTION POINTS WITH EXISTING UTILITIES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN.
6. ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES, DECORATIVE SHRUBS, SOD, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.

- - - - - XXXX - - - - - EXISTING ELEVATION CONTOURS
 - - - - - XXXX - - - - - EXISTING ELEVATION CONTOURS
 - - - - - XXXX - - - - - PROPOSED ELEVATION CONTOURS
 - - - - - XXXX - - - - - PROPOSED ELEVATION CONTOURS

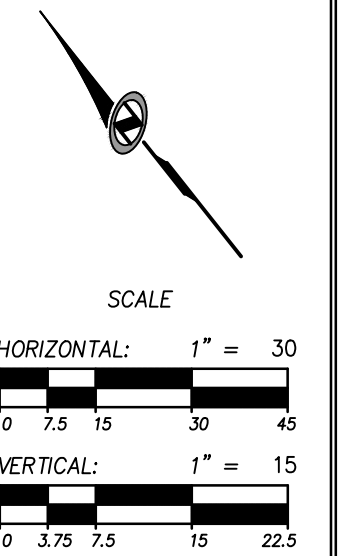
PRELIMINARY NOT FOR CONSTRUCTION



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 CIVIL CONSULTANTS
 1588 SOUTH MAIN STREET
 SUITE 200
 SALT LAKE CITY, UT 84115
 801.743.1300

NO.	DATE	BY	REVISIONS

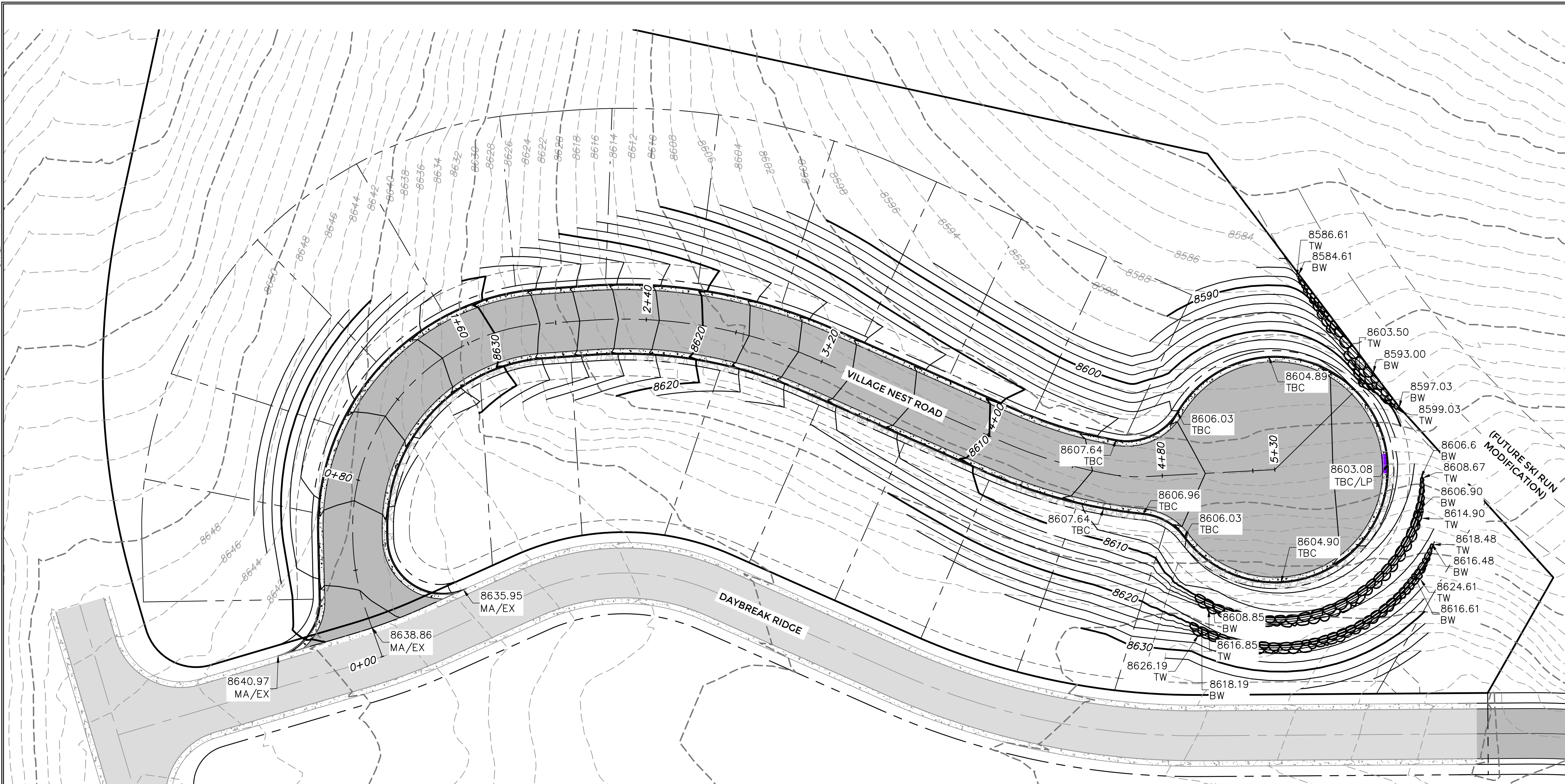
VILLAGE NEST
POWDER MOUNTAIN, WEBER COUNTY, UTAH
STORM WATER CONVEYANCE PLAN AND PROFILE
 TCC JOB NUMBER: 22-200-49
 DATE: 09.07.23



SHEET NUMBER
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DATE: 9/11/2023 10:55 AM

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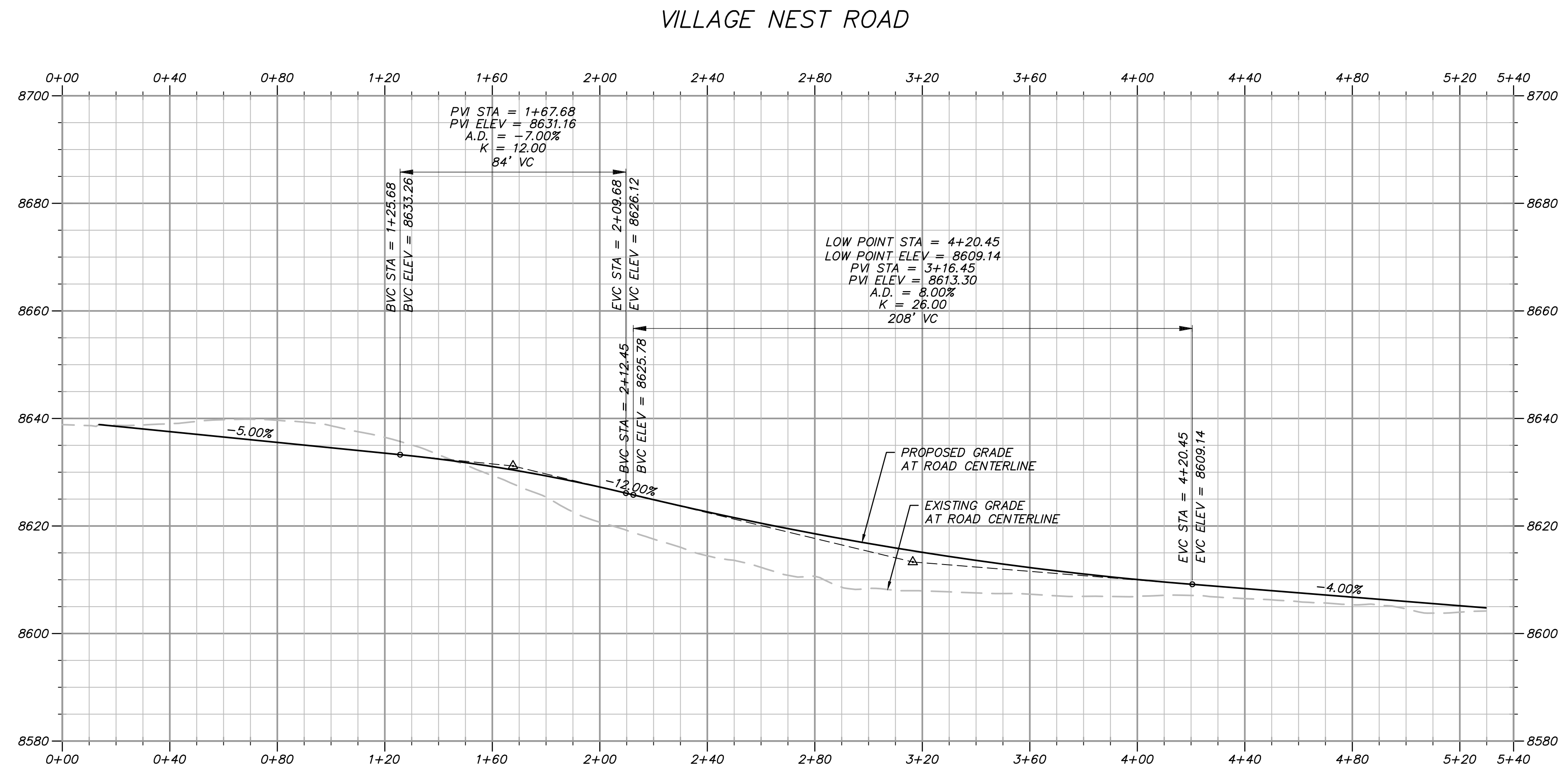
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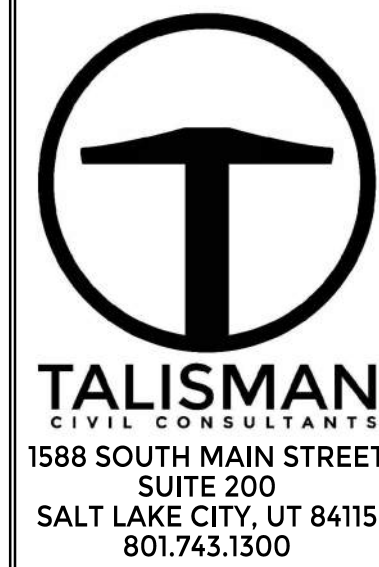
ABBREVIATIONS:

BS	BOTTOM OF STAIRS
BW	BOTTOM OF WALL
EX	EXISTING GRADE
EP	EDGE OF PAVEMENT
FFE	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
GB	GRADE BREAK
MA	MATCH
SW	EDGE OF SIDEWALK
TBC	TOP BACK OF CURB
TS	TOP OF STAIRS
TW	TOP OF WALL

----	XXXX	EXISTING ELEVATION CONTOURS
----	XXXX	EXISTING ELEVATION CONTOURS
----	XXXX	PROPOSED ELEVATION CONTOURS
----	XXXX	PROPOSED ELEVATION CONTOURS



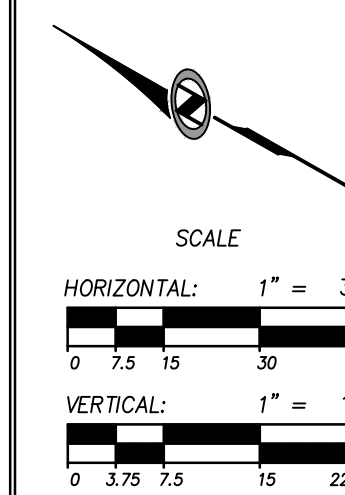
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VILLAGE NEST
POWDER MOUNTAIN, WEBER COUNTY, UTAH
ROAD PLAN AND PROFILE

DATE: 09.07.23

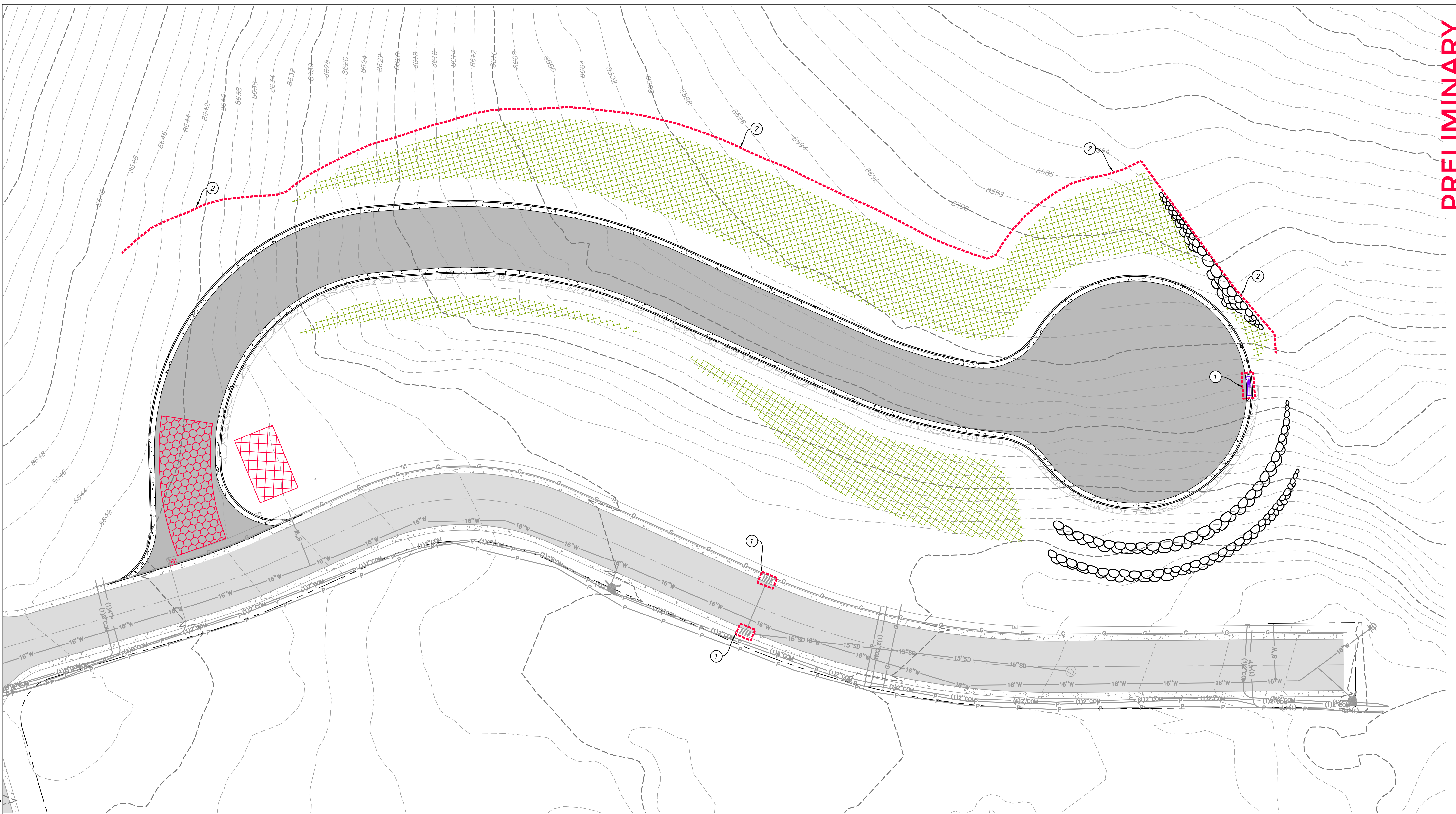
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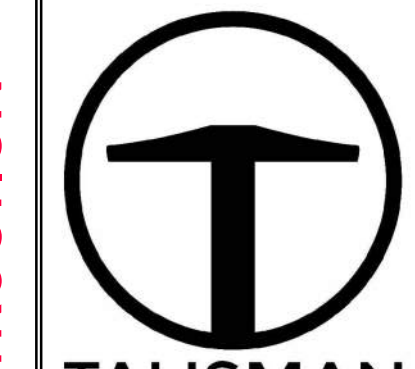
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12 OF 18

DATE: 9/11/2023 10:35 AM

PATH: N:\SLB0793\Code\22-200-49 - Village Nest Update\Code\Up\600 EROSION CONTROL PLAN.dwg



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SUITE 200
SALT LAKE CITY, UT 84115
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NO.	DATE	BY	REVISIONS

VILLAGE NEST
POWDER MOUNTAIN, WEBER COUNTY, UTAH
EROSION CONTROL PLAN

TCC JOB NUMBER: 22-200-49
DATE: 09.07.23

SCOPE OF WORK:

- ① INSTALL INLET PROTECTION IN FORM OF CONCRETE BLOCKS / FILTER CLOTH / GRAVEL OR SILT SACK AT EXISTING AND PROPOSED CATCH BASINS AS SHOWN ON PLAN.
- ② INSTALL EARTH BERM ALONG DOWN GRADIENT LIMITS OF DISTURBANCE AS SHOWN ON PLAN.

EXPOSED SLOPES:
ANY EXPOSED SLOPE THAT WILL REMAIN UNTOUCHED FOR LONGER THAN 14 DAYS MUST BE STABILIZED BY ONE OR MORE OF THE FOLLOWING METHODS:

- A) SPRAYING DISTURBED AREAS WITH A TACKIFIER VIA HYDROSEED. USE THE FOLLOWING SEED MIXTURE.
 - i. MEADOW BROME (RIGOR) 14 lb/AC
 - ii. ORCHARD GRASS 10 lb/AC
 - iii. ALFALFA (ADAK) 4 lb/AC
- B) TRACKING STRAW PERPENDICULAR TO SLOPES
- C) INSTALLING A LIGHT-WEIGHT, TEMPORARY EROSION CONTROL BLANKET

LEGEND:

- INSTALL EARTH BERM
- INLET PROTECTION
- HATCHING INDICATES SLOPES 3:1 OR STEEPER TO BE SEEDING AND REQUIRING EROSION CONTROL BLANKET.
- INSTALL 15' X 30' VEHICLE WASH DOWN AREA WITH 1"-2.5" COARSE AGGREGATE PLACED A MINIMUM 8" THICK. SUPPLY WATER FOR VEHICLE WASH DOWN.
- STABILIZED CONSTRUCTION ENTRANCE FOR SITE INGRESS/EGRESS. IF ALTERNATE ACCESS POINTS ARE APPROVED BY OWNER, ADDITIONAL STABILIZED CONSTRUCTION ENTRANCES WILL BE REQUIRED.

SCALE
HORIZONTAL: 1" = 20'

SHEET NUMBER
600
13 OF 18



DATE: 9/11/2023 10:56 AM

Curb and gutter

- GENERAL**
 - Variance from specified dimensions and slopes must be acceptable to the ENGINEER. System configuration may be changed at ENGINEER's discretion.
 - 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.
 - 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. Thickness is 6-inches if flow-line grade is 0.5 percent (s=0.005) or greater. If slope is less, provide 8-inches. 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.
 - Concrete Placement: APWA Section 03 30 10.
 - Install expansion joints vertical, full depth, with top of filler set flush with concrete surface. Install at the start or end of a street intersection curb return. Expansion joints are not required in concrete placement using slip-form construction.
 - Install contraction joints vertical, 1/8-inch wide or 1/4 slab thickness if the slab is greater than 8-inches thick. Match joint location in adjacent Portland-cement concrete roadway pavement.
 - 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.

Catch basin

- GENERAL**
 - The drawing shows typical pipe connections. Refer to construction drawings for connection locations or refer to field location of existing piping when engineering pipe connection to the box.
- PRODUCTS**
 - Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
 - Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 2-inches.
 - Concrete: Class 4000, APWA Section 03 30 04.
 - Reinforcement: Deformed, 60 ksi yield grade steel, ASTM A615.
- EXECUTION**
 - Base Course Placement: APWA Section 32 11 23. Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
 - Curb Face Opening: Make opening at least 4-inches high. Provide at least a 2-inch drop between the "warp line" in the gutter flow-line and the top of the grate at the curb face opening.
 - Concrete Placement: APWA Section 03 30 10. Provide 1/2-inch radius edges. Apply a broom finish. Apply a curing agent.
 - Backfill: Place backfill against the basin wall. Pea gravel and recycled RAP aggregate is NOT ALLOWED. Water jetting is NOT allowed. Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a standard proctor density, APWA Section 31 23 26.

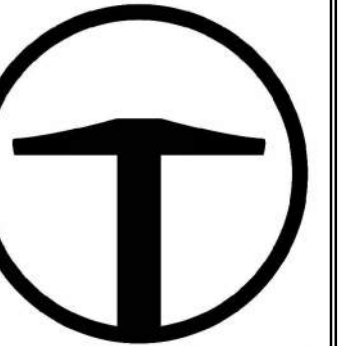
Pipe outfall

- GENERAL**
 - Round concrete pipe application.
 - Additional requirements are specified in APWA Section 33 05 02.
- PRODUCTS**
 - Use the same quality of precast end section as the pipe.
 - Use the joint material and connection that is the same as the joints in the pipeline.
- EXECUTION**
 - General dimensions and geometric shapes may vary from manufacturer to manufacturer.
 - Steel reinforcement is not required in the concrete end section shown.
 - Provide joint restraint connectors if required by ENGINEER.

Trench backfill

- GENERAL**
 - The drawing applies to backfilling a trench (and embankment) above the pipe zone.
- PRODUCTS**
 - Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 3-inches.
 - Flowable Fill: APWA Section 31 05 15. Target is 60 psi in 28 days with 90 psi maximum in 28 days. It must flow easily requiring no vibration for consolidation.
- EXECUTION**
 - Trench Backfill Above the Pipe Zone: Follow requirement indicated in APWA Section 33 05 20 and the following provisions. See Standard Plan 382 for backfill in the pipe zone.
 - DO NOT USE sewer rock, pea gravel, or recycled RAP aggregate as trench backfill.
 - Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a standard proctor density, APWA Section 31 23 26.
 - Water jetting is NOT allowed.
 - Flowable Fill: If controlled low strength material is placed in the trench. Cure the material before placing surface restorations.
 - Embankment Backfill: When trench sides are sloped proceed as follows.
 - Maximum lift thickness is 8-inches before compaction.
 - Compact per APWA Section 31 23 26 to 95 percent or greater relative to a standard proctor density.
 - Submission of quality control compaction test result data may be requested by ENGINEER at any time. Provide results of tests immediately upon request.
 - Surface Restoration:
 - Landscaped Surface: Follow APWA Section 32 92 00 (turf or grass) or APWA Section 32 93 13 (ground cover) requirements. Rake to match existing grade. Replace vegetation to match pre-construction conditions.
 - Paved Surface: Follow APWA Section 33 05 25 (bituminous pavement surfacing), or APWA Section 33 05 25 (concrete pavement surfacing). Do not install surfacing until compaction density is acceptable to ENGINEER.

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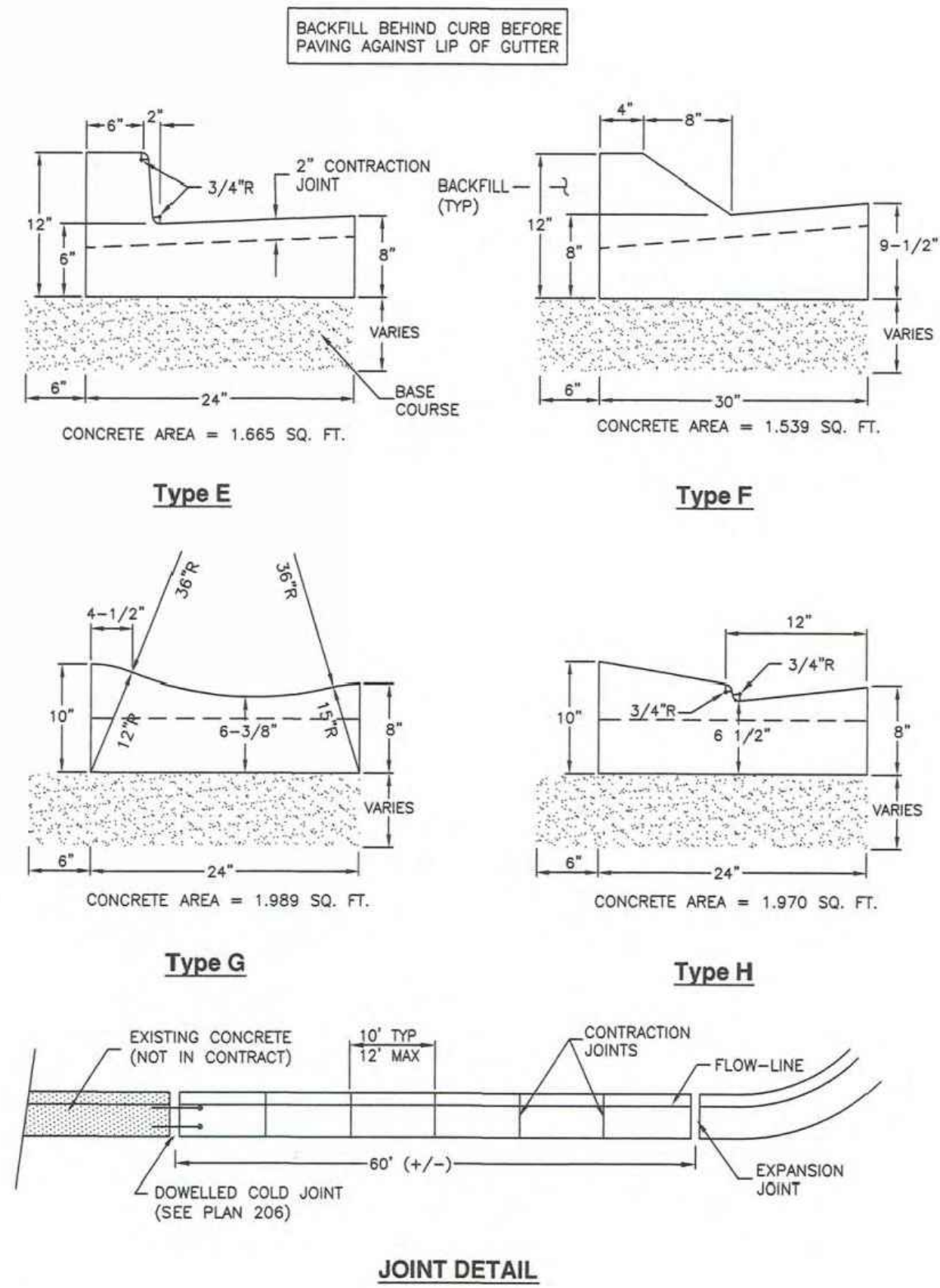


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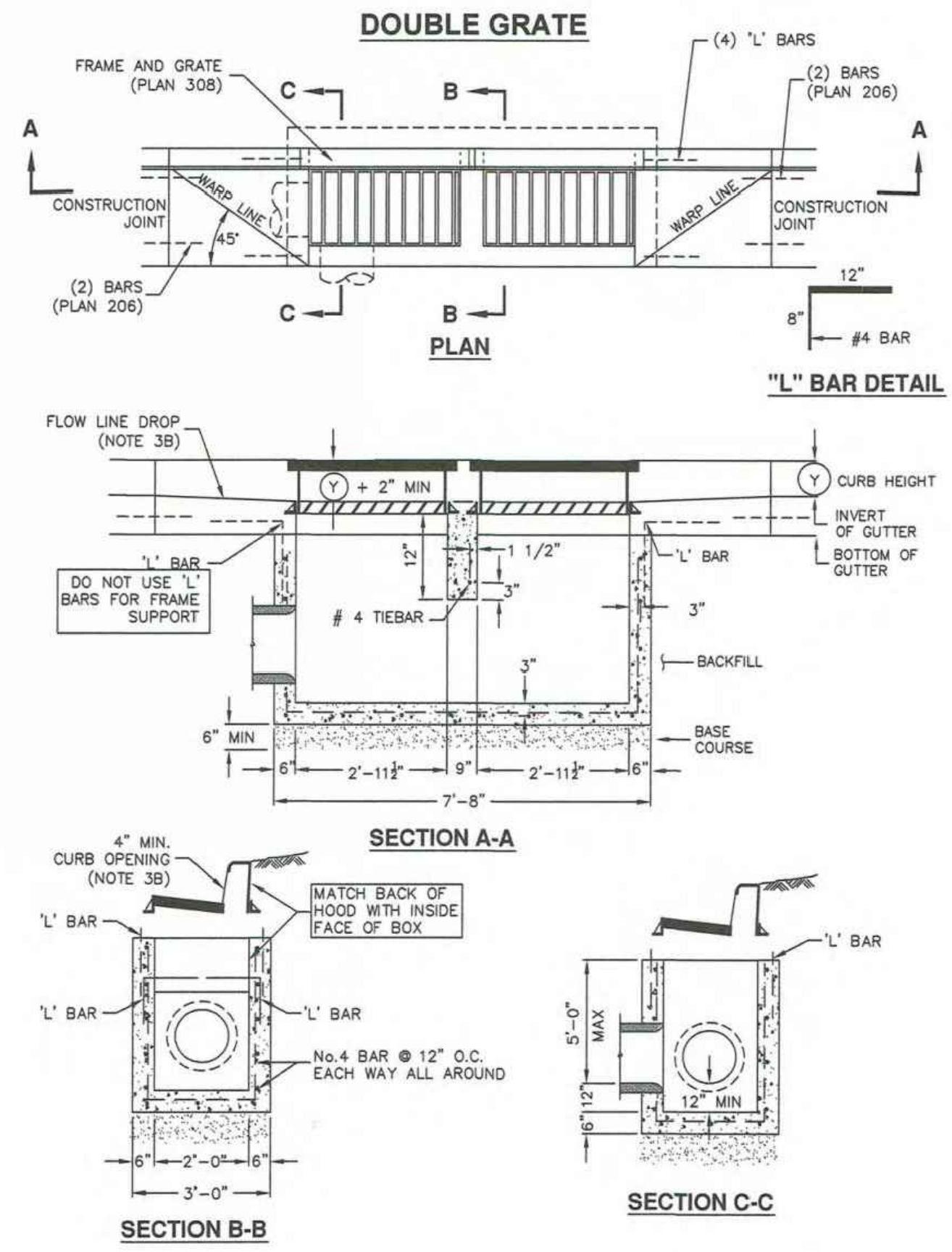
VILLAGE NEST
POWDER MOUNTAIN, WEBER COUNTY, UTAH
DETAILS
DATE: 09.07.23
TCC JOB NUMBER: 22-200-49

205.2



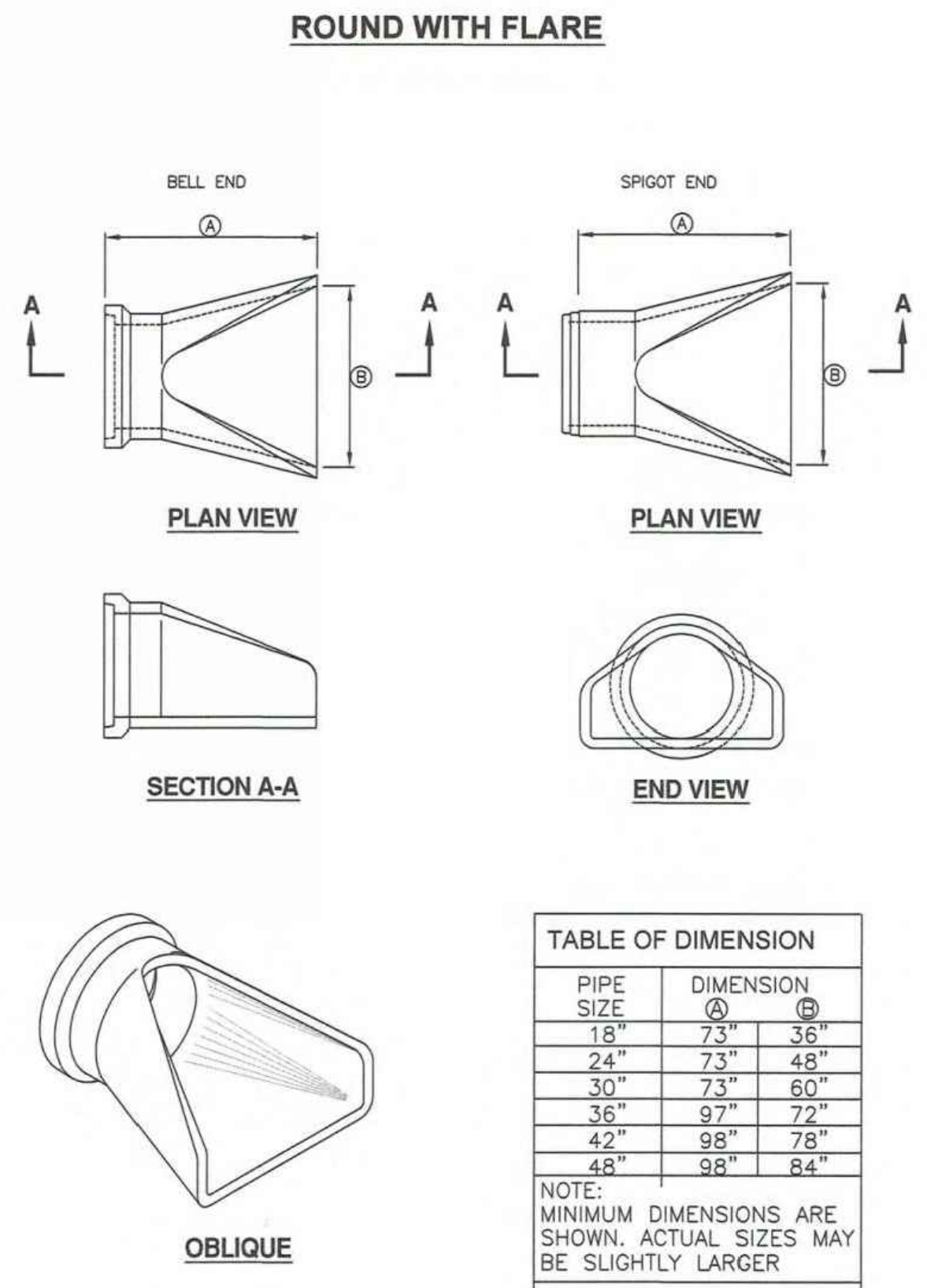
Plan 205.2
Curb and gutter
April 2011

315.2



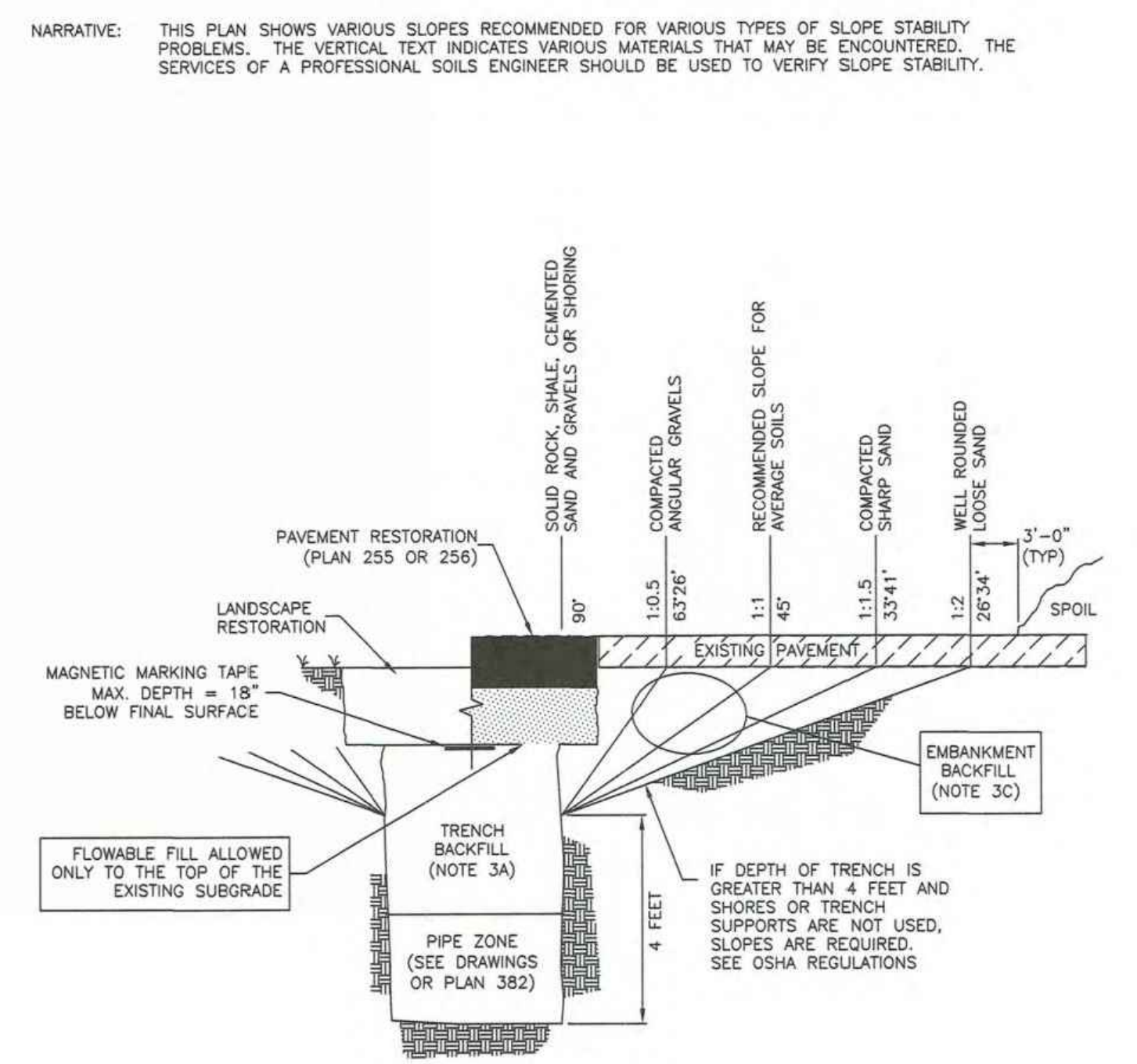
Plan 315.2
Catch basin
September 2010

323.1



Plan 323.1
Pipe outfall
November 2010

381



Plan 381
Trench backfill
July 2016

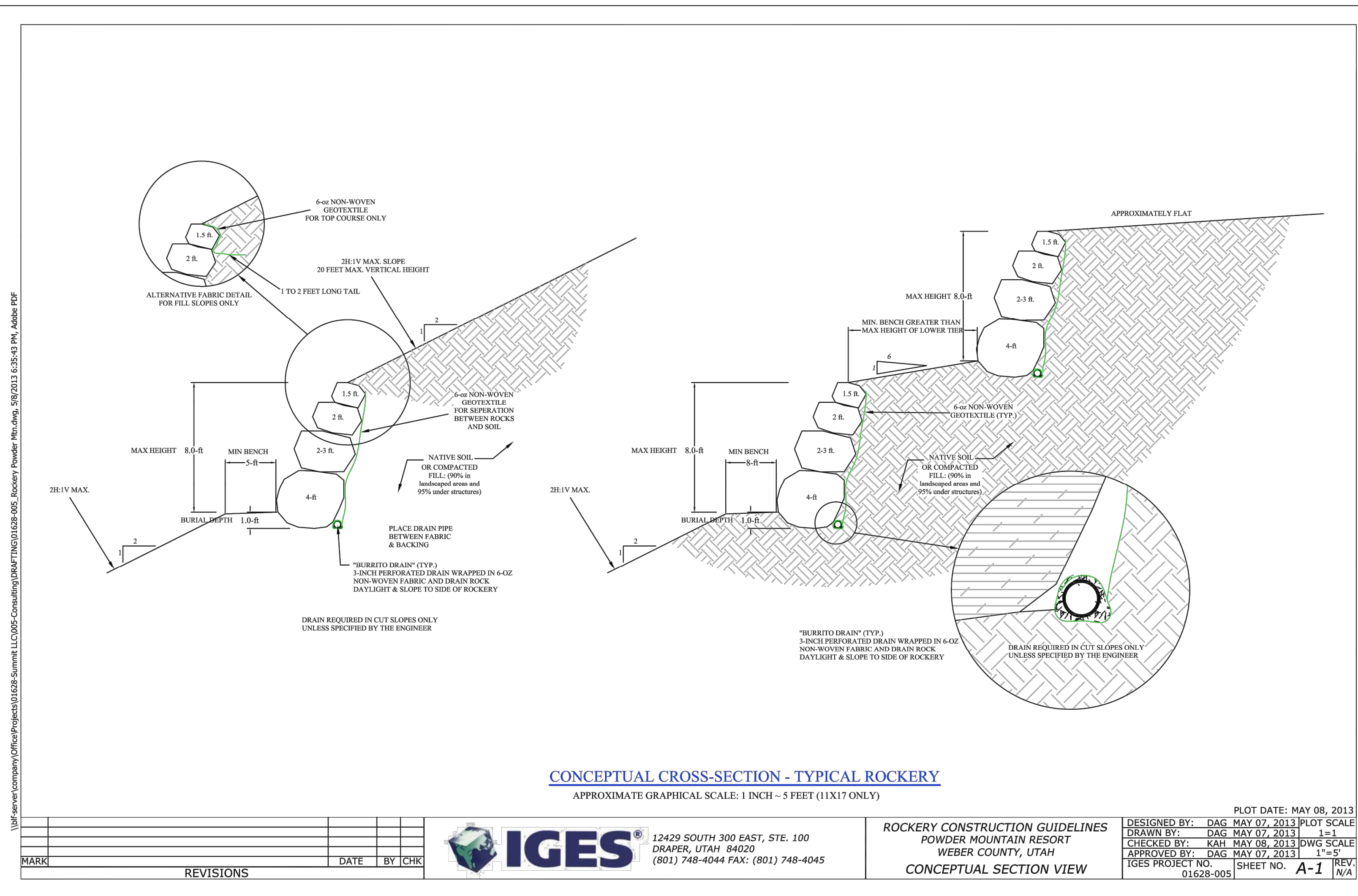
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Pipe zone backfill

- GENERAL**
 - Install the pipe in the center of the trench or no closer than 6-inches from the wall of the pipe to the wall of the trench.
- PRODUCTS**
 - Base Course:** Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
 - Backfill:** Common fill, APWA Section 31 05 13. Maximum particle size 2-inches.
 - Concrete:** APWA Section 03 30 04.
 - Flowable Fill:** Target is 60 psi in 28 days with 90 psi maximum in 28 days, APWA Section 31 05 15. It must flow easily requiring no vibration for consolidation.
 - Stabilization-Separation Geotextile:** Moderate or high at CONTRACTOR's choice, APWA Section 31 05 19.
- EXECUTION**
 - Excavate the Pipe Zone: Width is measured at the pipe spring line and includes any necessary sheathing. Provide width recommended by pipe manufacturer. Follow manufacturer's recommendations when using trench boxes.
 - Foundation Stabilization:** Get ENGINEER's permission before installing common fill. Vibrate to stabilize. Installation of stabilization-separation geotextile will be required to separate backfill material and native subgrade materials if common fill cannot provide a working surface or prevent soils migration.
 - Bedding:** Follow APWA Section 33 05 20 requirements and the following provisions.
 - Furnish untreated base course material unless specified otherwise by pipe manufacturer.
 - Maximum lift thickness is 8-inches.
 - Bedding immediately under the pipe should not be compacted, but loosely placed.
 - Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
 - When using concrete, provide at least Class 2,000, APWA Section 03 30 04.
 - Pipe Zone:** DO NOT USE sewer rock, pea gravel, or recycled RAP aggregate in the pipe zone. Water jetting is NOT allowed.
 - Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26 unless pipe manufacturer requires more stringent installation.
 - Submission of quality control compaction test result data developed for the haunch zone may be requested by ENGINEER at any time. CONTRACTOR is to provide results of tests immediately upon request.
 - Flowable Fill (when required and if allowed by pipe manufacturer):**
 - Place the controlled low strength material, APWA Section 31 05 15.
 - Prevent pipe flotation by installing in lifts and providing pipe restraints as required by pipe manufacturer.
 - Reset pipe to line and grade if pipe "floats" out of position.

382



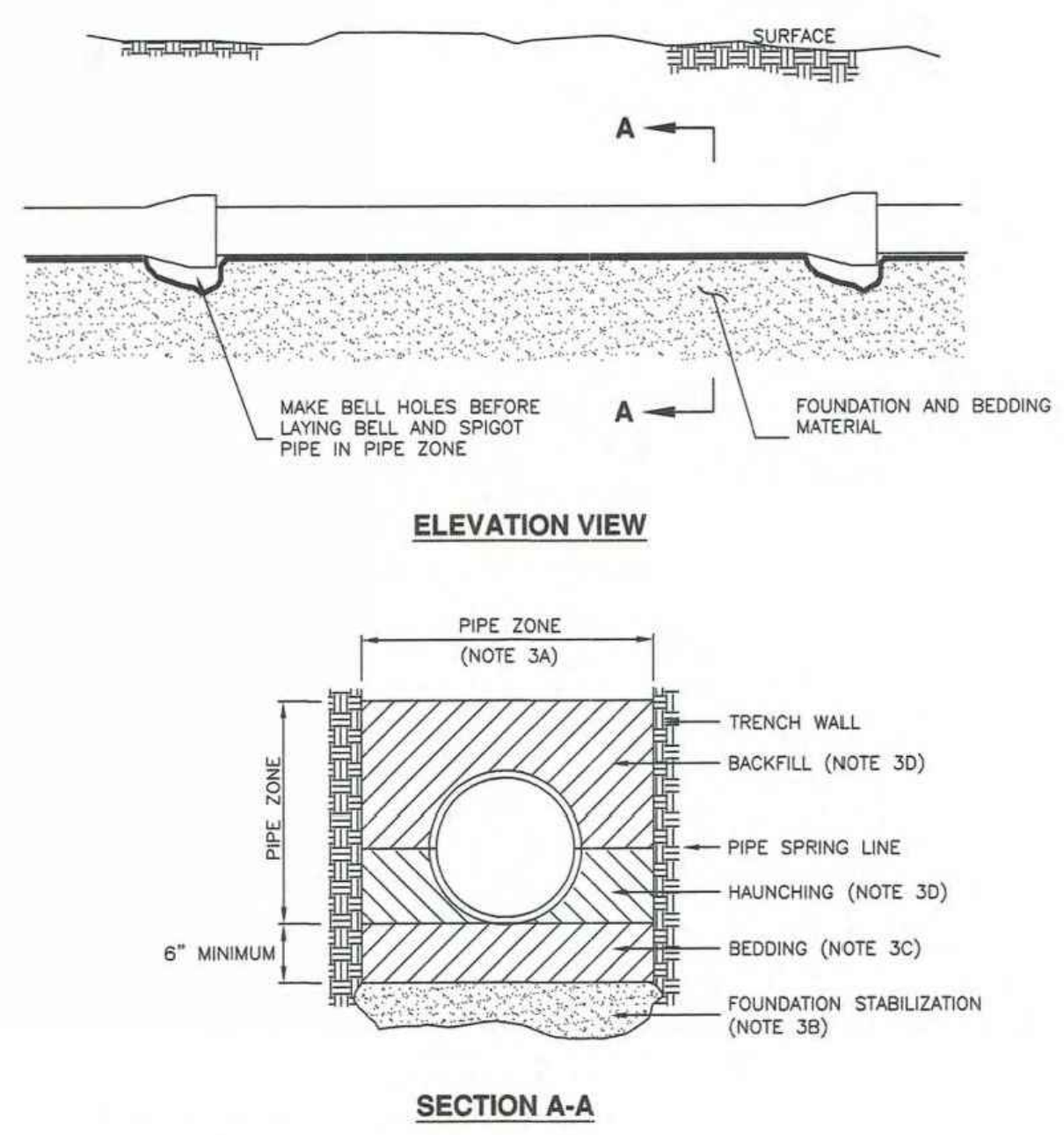
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NO.	DATE	BY	REVISIONS

VILLAGE NEST POWDER MOUNTAIN, WEBER COUNTY, UTAH DETAILS DATE: 09.07.23 TCC JOB NUMBER: 22-200-49



INSTALLATION

CONCRETE PIPE: FOLLOW ASTM C 1479
 *STANDARD PRACTICE FOR INSTALLATION OF PRECAST CONCRETE SEWER, STORM DRAIN, AND CULVERT PIPE USING STANDARD INSTALLATIONS.

PLASTIC PIPE: FOLLOW ASTM D 2321
 STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY-FLOW APPLICATIONS

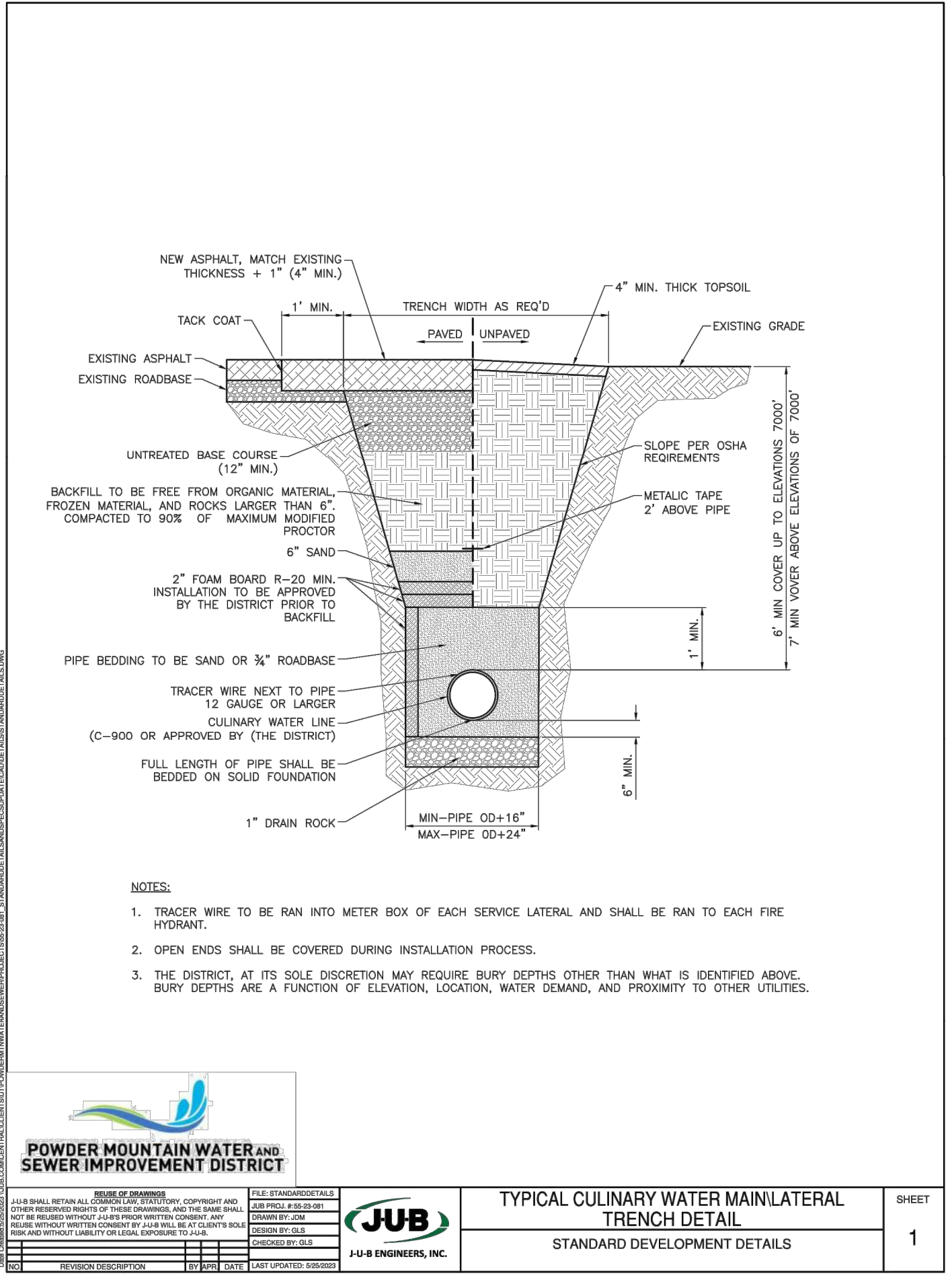
CORRUGATED METAL PIPE: FOLLOW ASTM A 798
 *STANDARD PRACTICE FOR INSTALLING FACTORY-MADE CORRUGATED STEEL PIPE FOR SEWERS AND OTHER APPLICATIONS.

VITRIFIED CLAY PIPE: FOLLOW ASTM C 12.
 *STANDARD RECOMMENDED PRACTICE FOR INSTALLING VITRIFIED CLAY PIPE LINES.

APWA Utah Chapter logo

Pipe zone backfill

Plan 382 January 2011

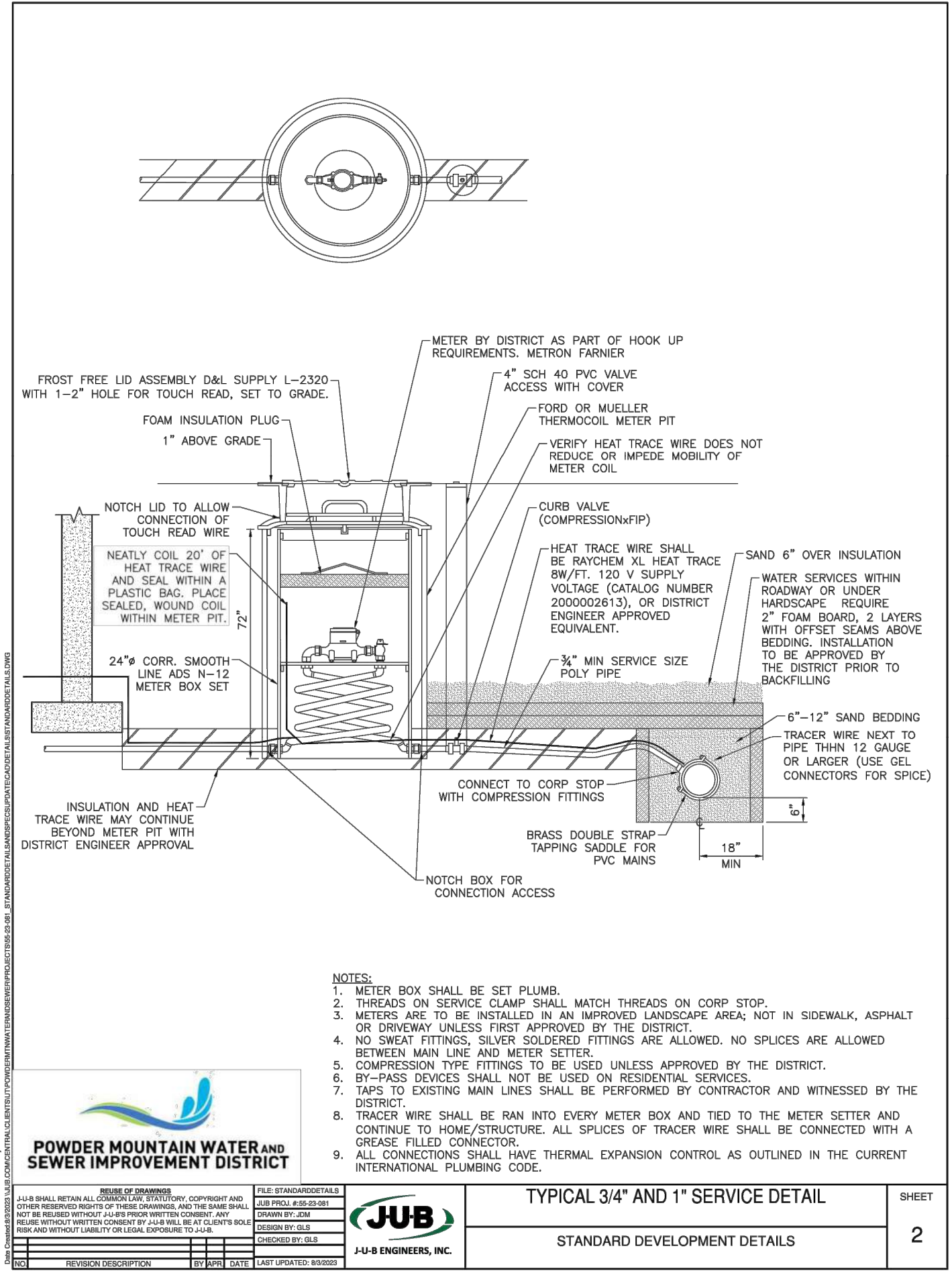


POWDER MOUNTAIN WATER AND SEWER IMPROVEMENT DISTRICT logo

JOB logo

348 ENGINEERS, INC.

TYPICAL CULINARY WATER MAIN/LATERAL TRENCH DETAIL SHEET 1

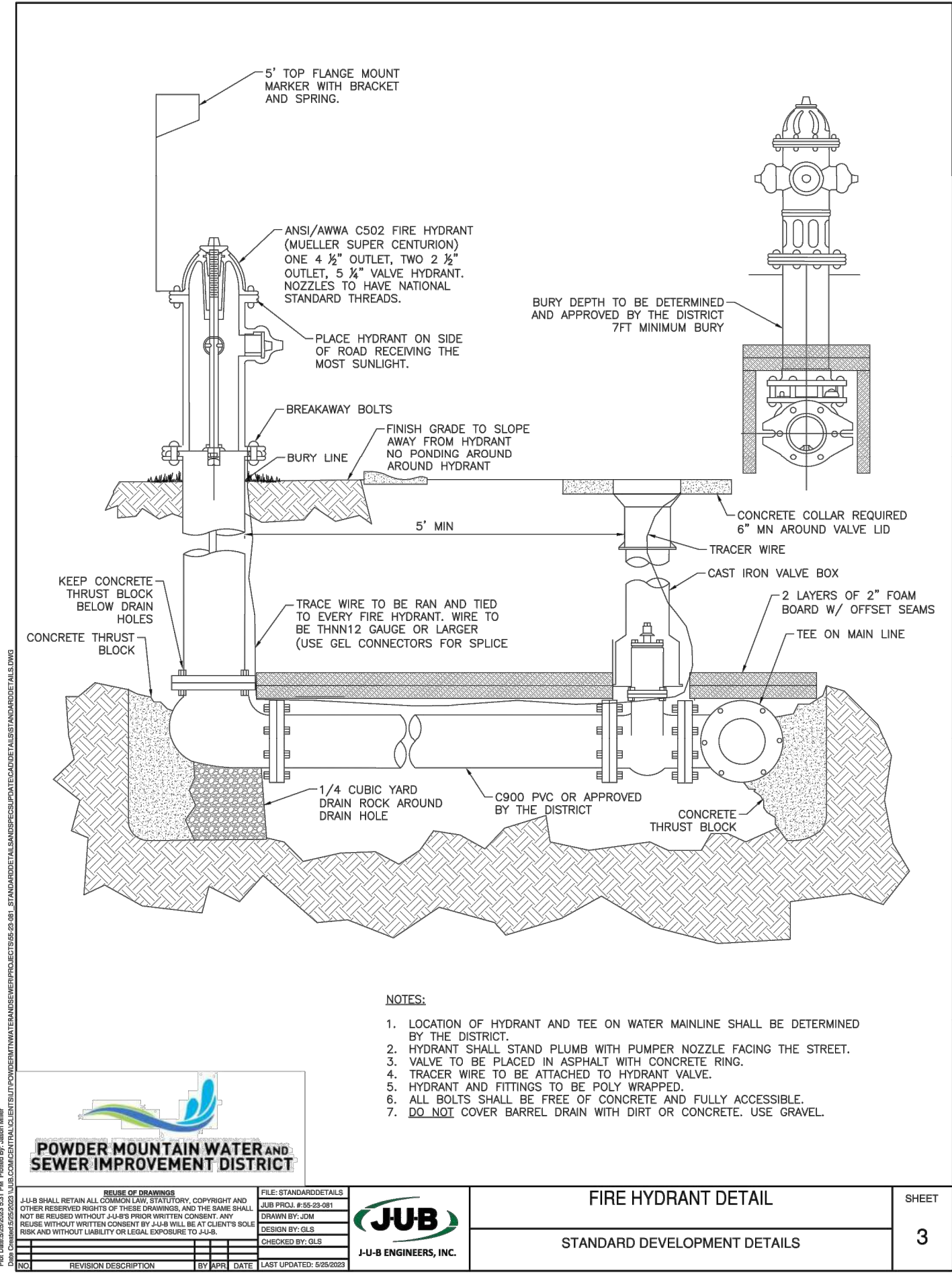


POWDER MOUNTAIN WATER AND SEWER IMPROVEMENT DISTRICT logo

JOB logo

348 ENGINEERS, INC.

TYPICAL 3/4" AND 1" SERVICE DETAIL SHEET 2



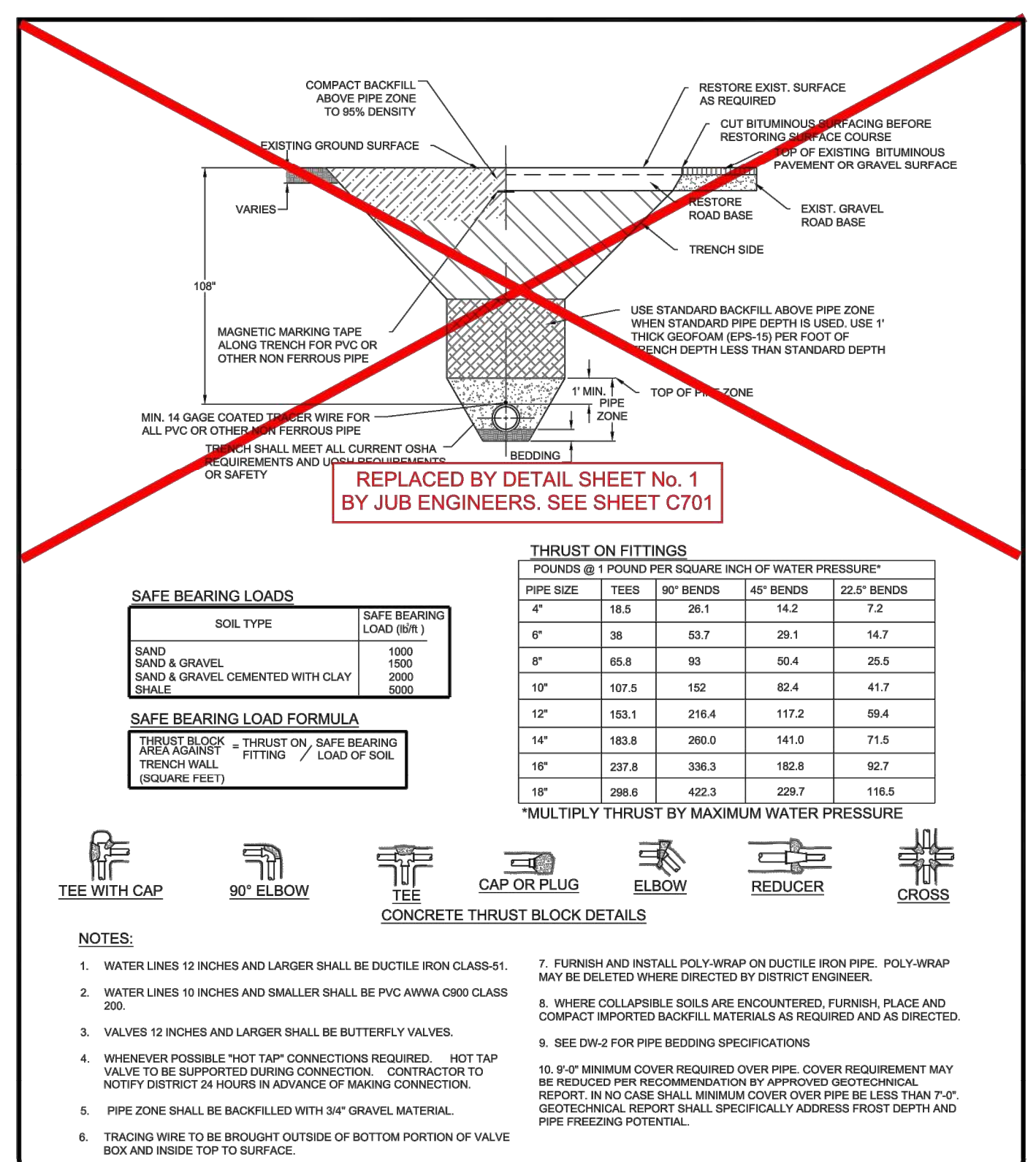
POWDER MOUNTAIN WATER AND SEWER IMPROVEMENT DISTRICT logo

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348 ENGINEERS, INC.

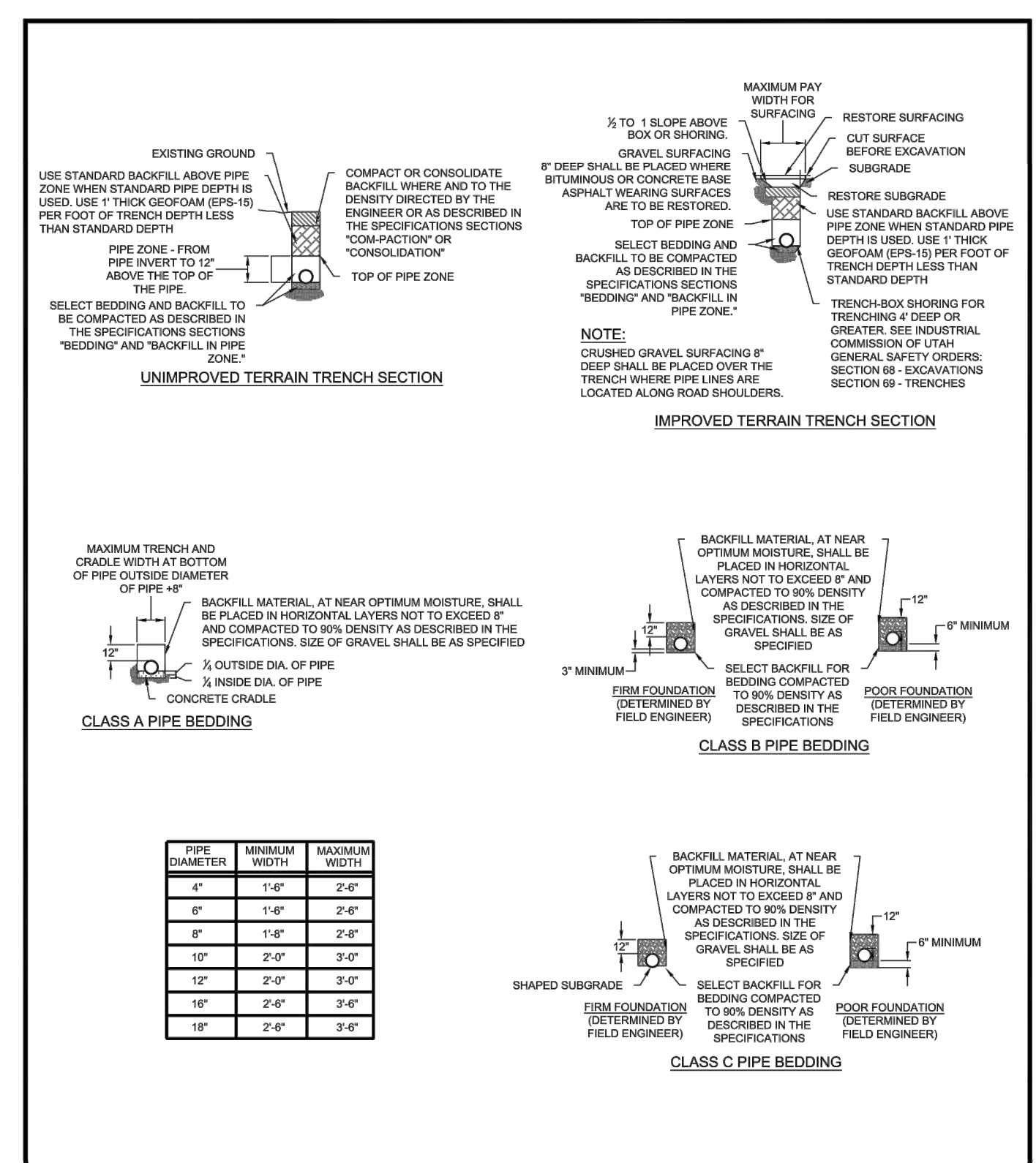
FIRE HYDRANT DETAIL SHEET 3





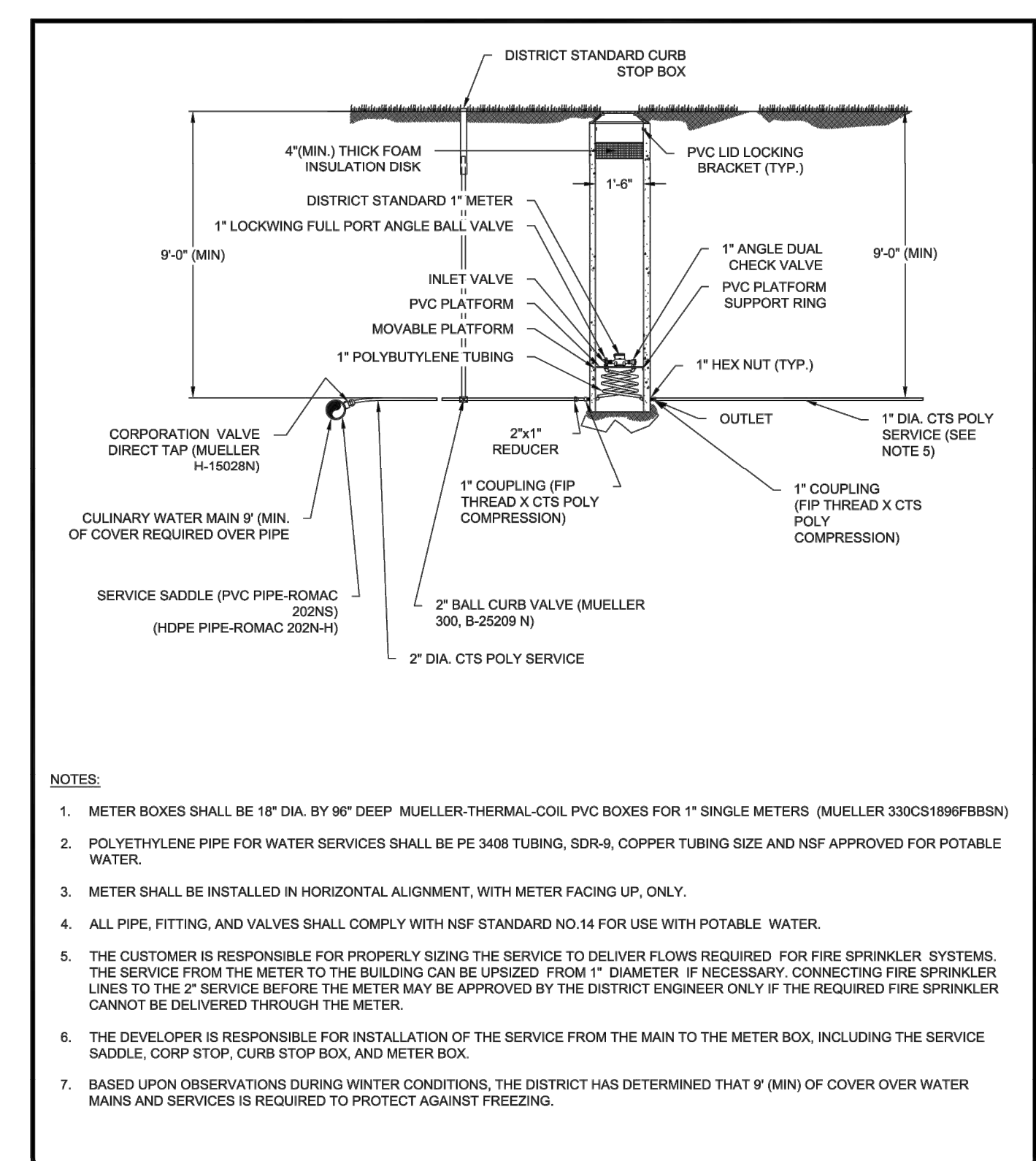
WATERLINE TRENCH DETAIL

DATE: APRIL 2021
DRAWING NUMBER: DW-1
GILSON ENGINEERING
POWDER MOUNTAIN WATER AND SEWER IMPROVEMENT DISTRICT



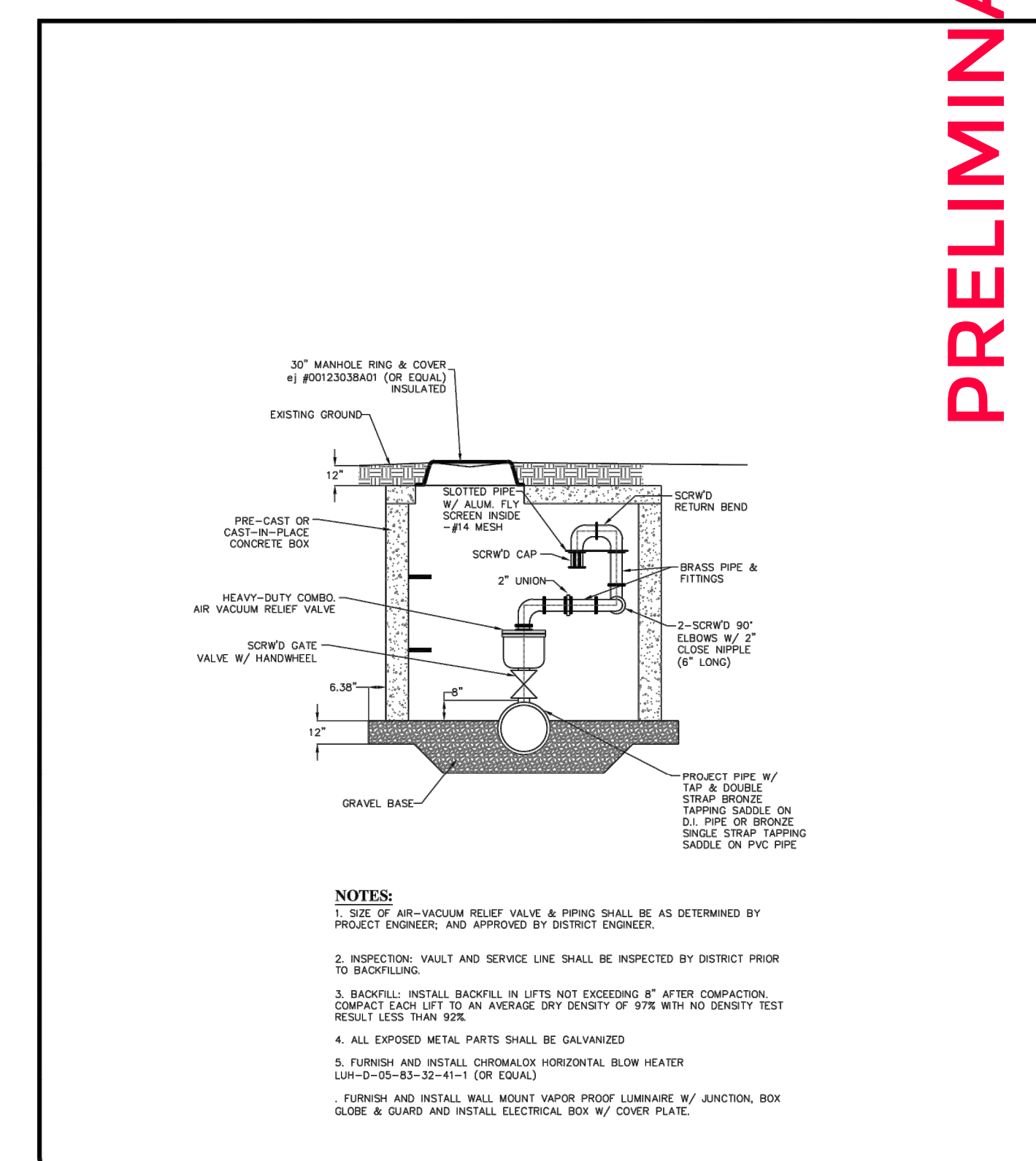
PIPE BEDDING SPECIFICATIONS

DATE: APRIL 2021
DRAWING NUMBER: DW-2
GILSON ENGINEERING
POWDER MOUNTAIN WATER AND SEWER IMPROVEMENT DISTRICT



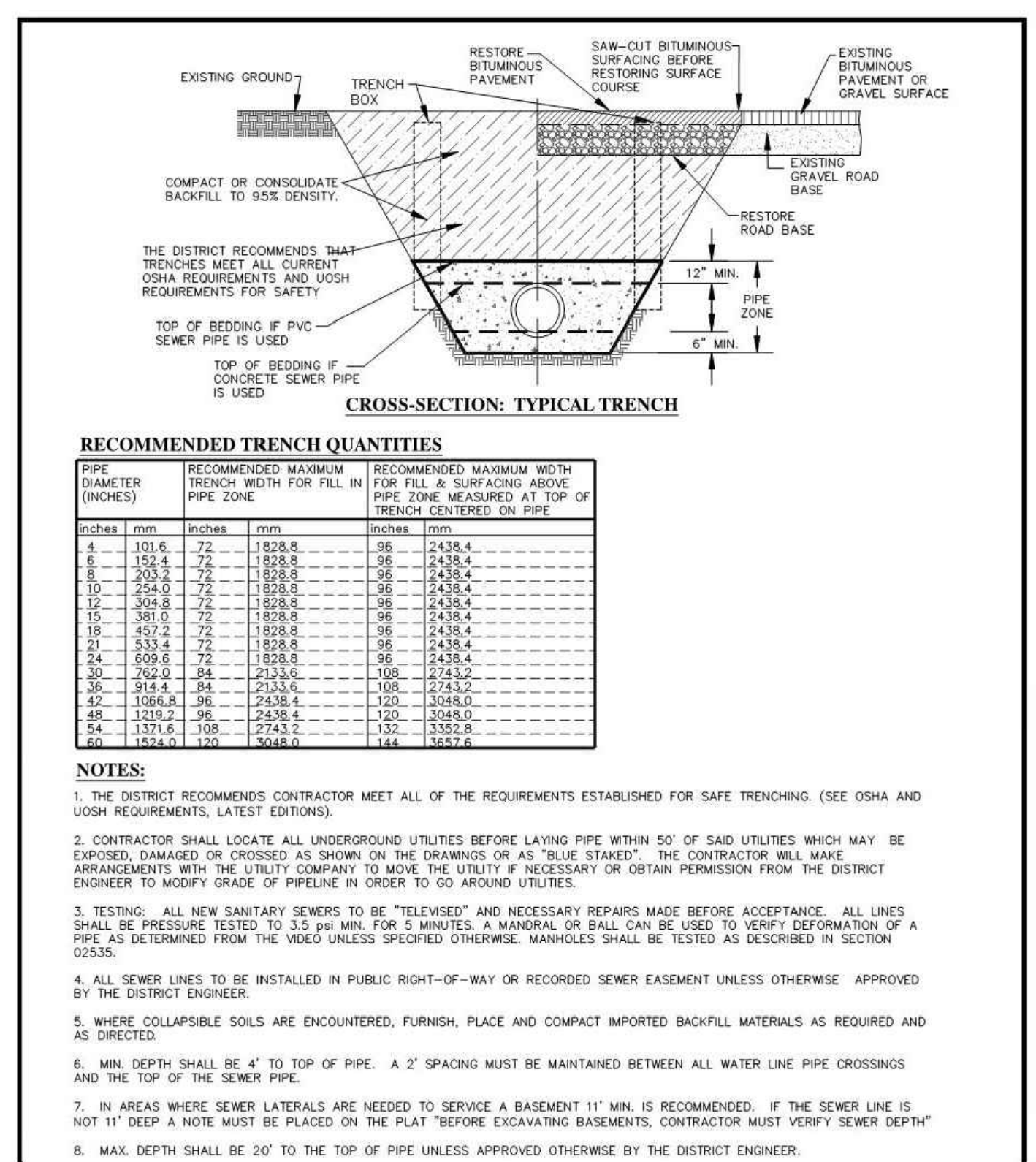
TYPICAL METER PIT DETAIL

DATE: APRIL 2021
DRAWING NUMBER: DW-7
GILSON ENGINEERING
POWDER MOUNTAIN WATER AND SEWER IMPROVEMENT DISTRICT



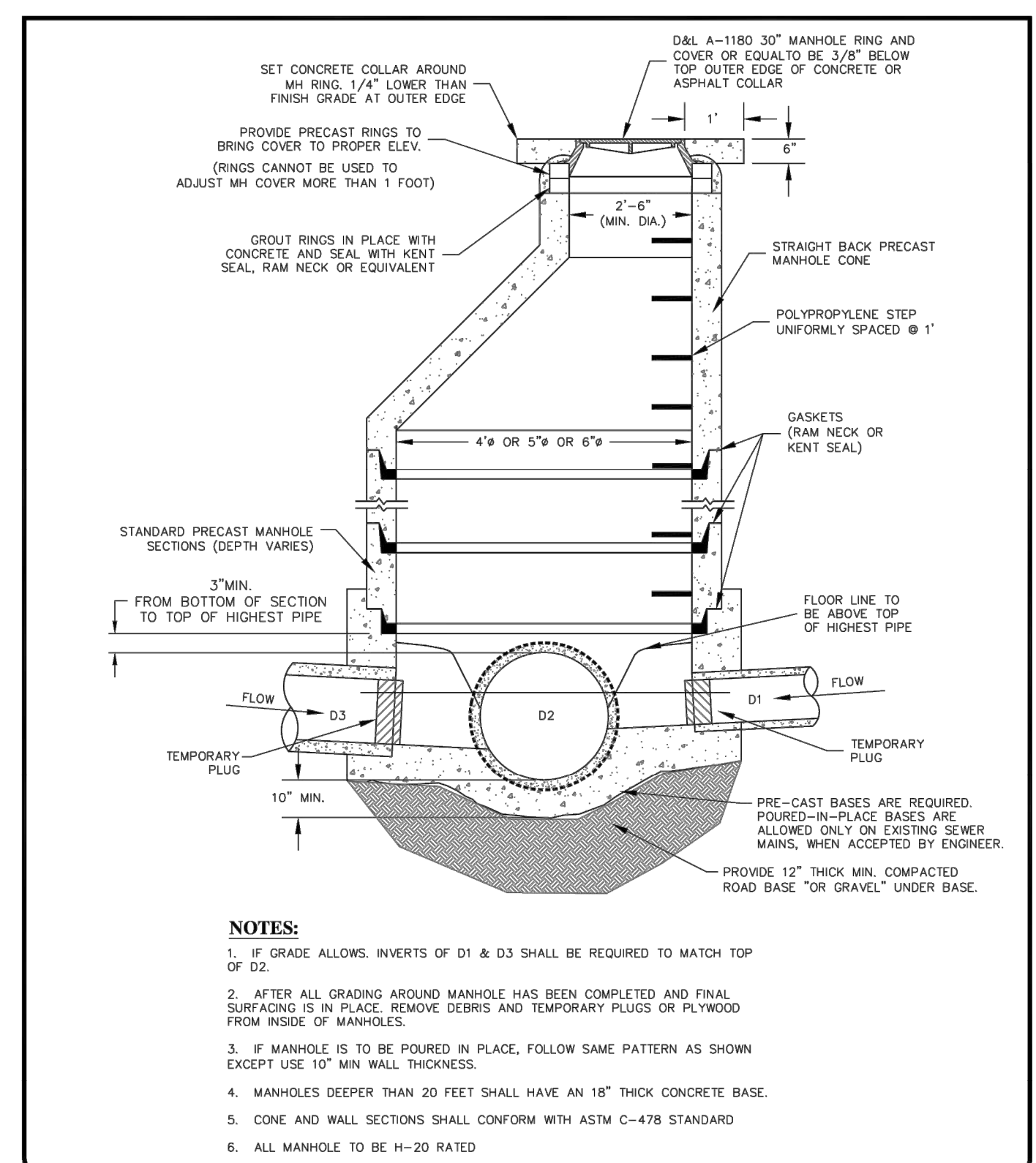
AIR VACUUM RELIEF VALVE

DATE: APRIL 2021
DRAWING NUMBER: DW-8
GILSON ENGINEERING
POWDER MOUNTAIN WATER AND SEWER IMPROVEMENT DISTRICT



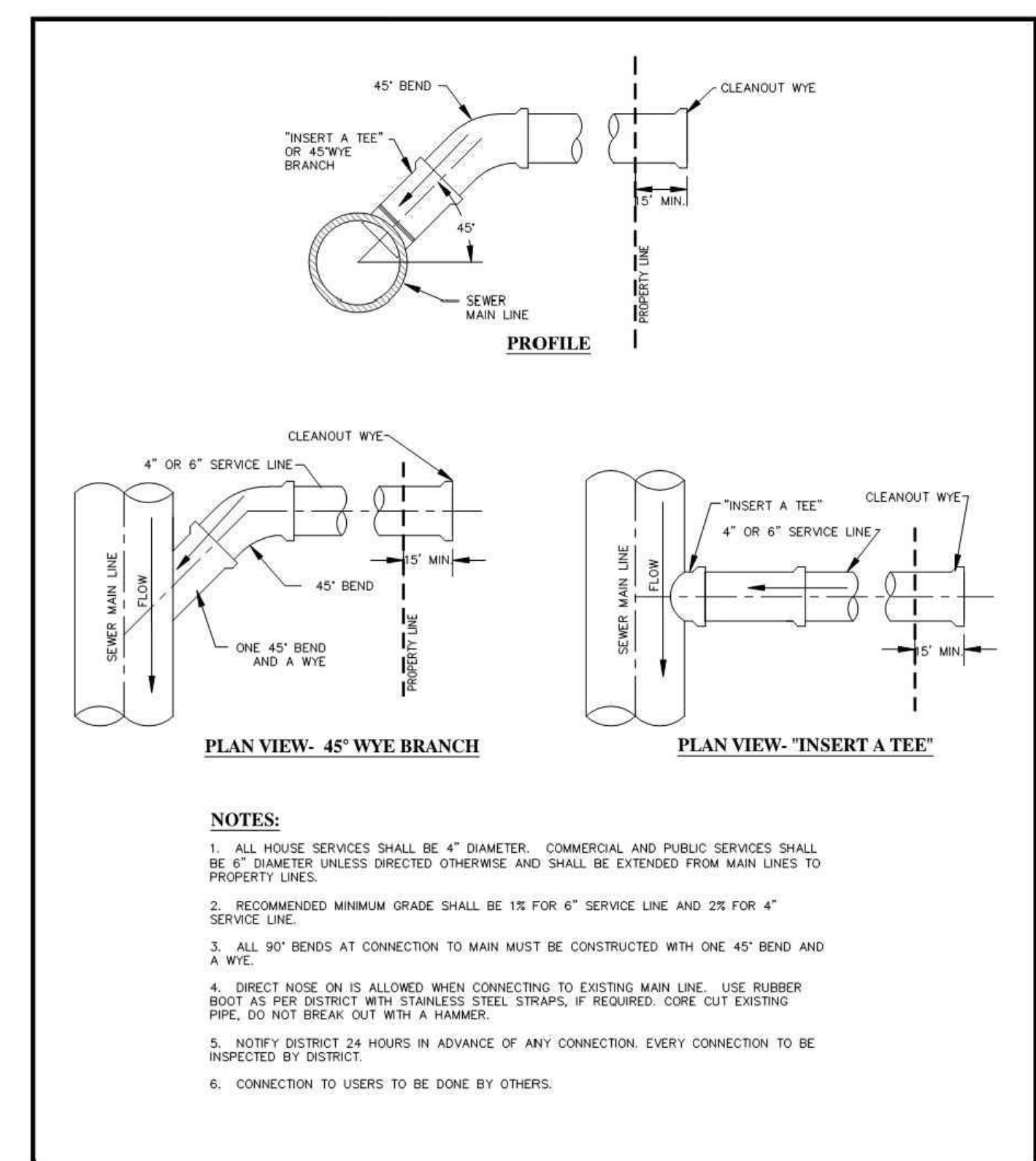
STANDARD SEWER TRENCH

DATE: APRIL 2021
DRAWING NUMBER: SS-1
GILSON ENGINEERING
POWDER MOUNTAIN WATER AND SEWER IMPROVEMENT DISTRICT



SANITARY SEWER MANHOLE

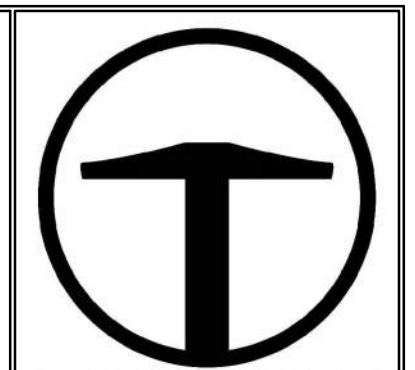
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POWDER MOUNTAIN WATER AND SEWER IMPROVEMENT DISTRICT



SEWER SERVICE CONNECTION

DATE: APRIL 2021
DRAWING NUMBER: SS-3
GILSON ENGINEERING
POWDER MOUNTAIN WATER AND SEWER IMPROVEMENT DISTRICT

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POWDER MOUNTAIN, WEBER COUNTY, UTAH
DETAILS

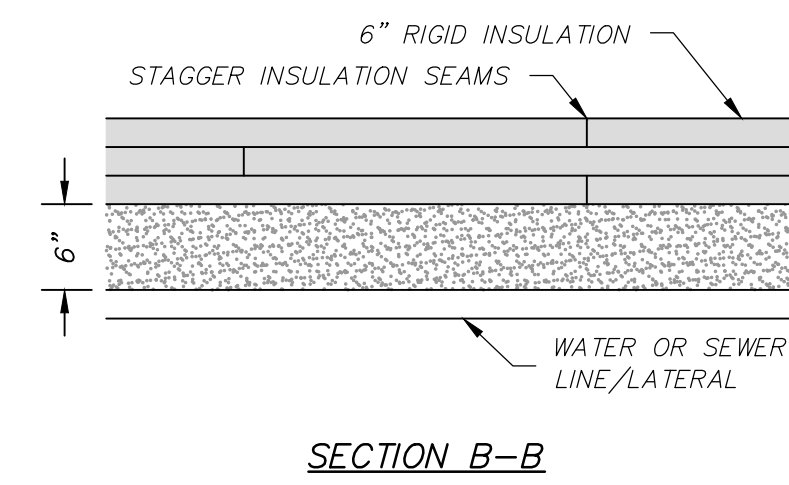
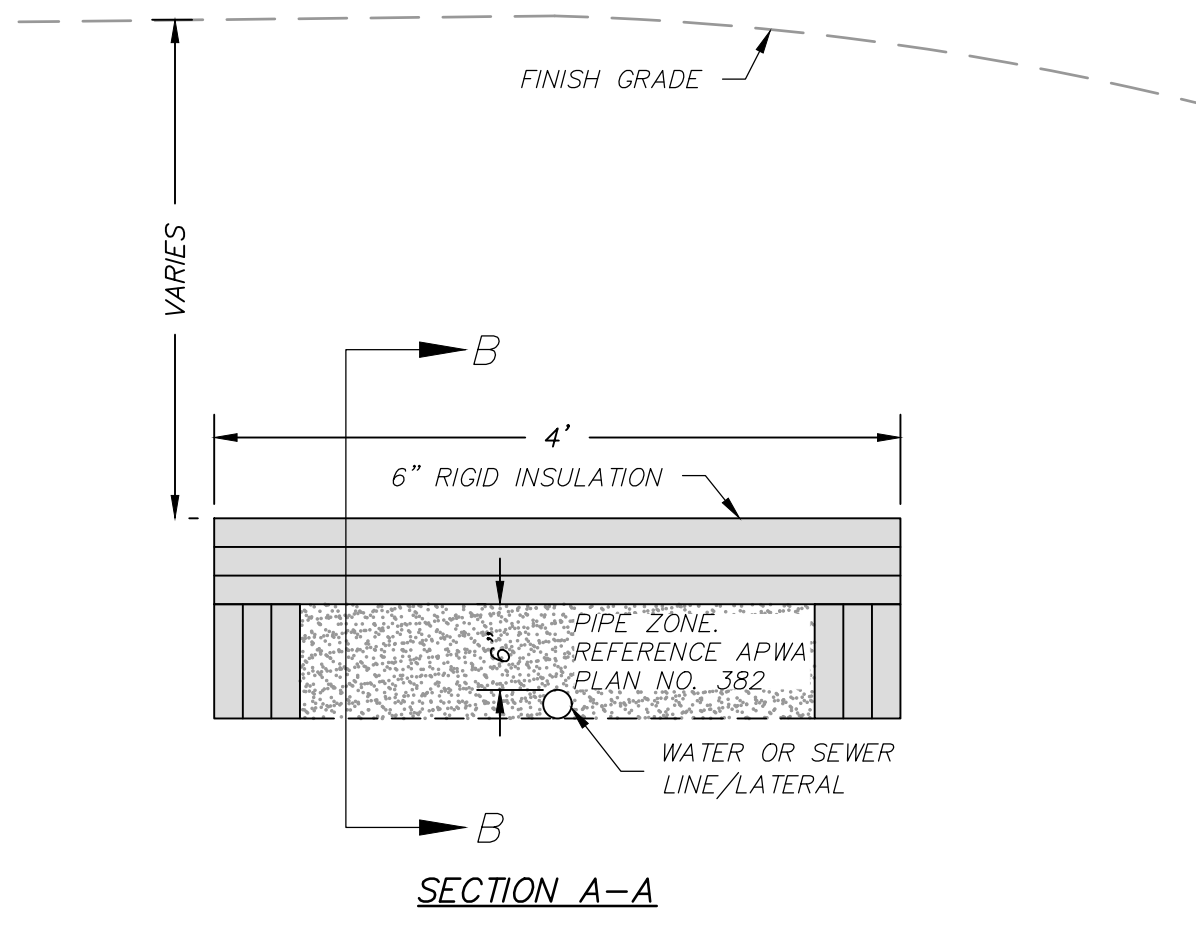
DATE: 09.07.23

TCC JOB NUMBER: 22-200-49

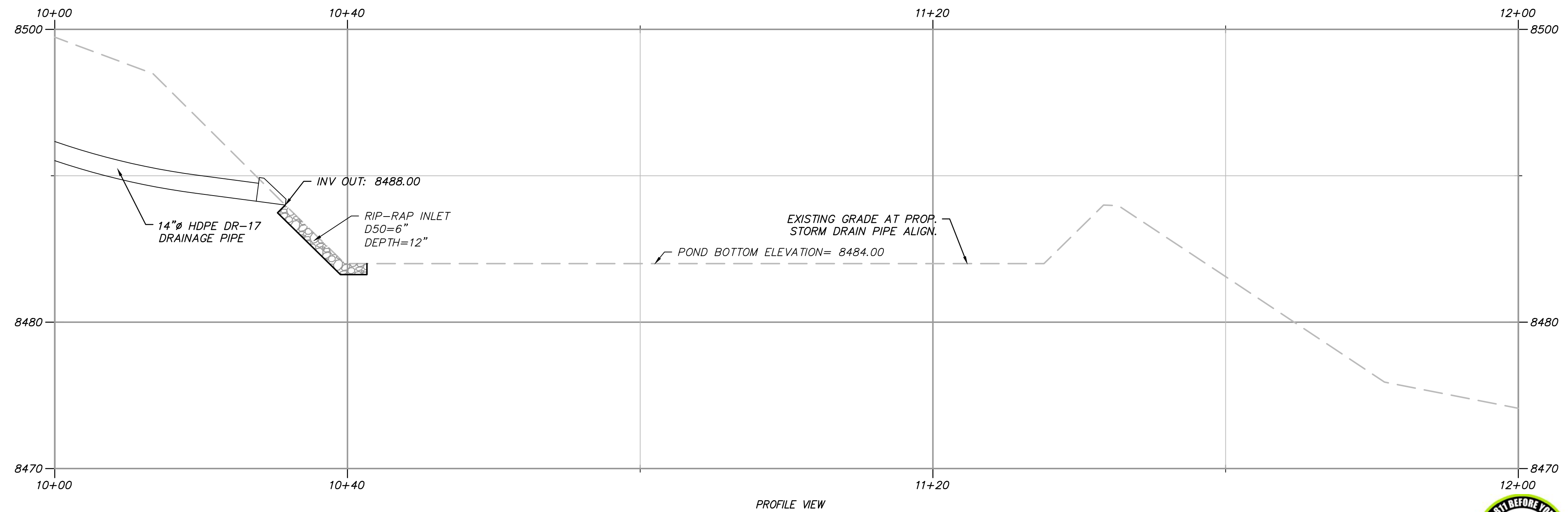
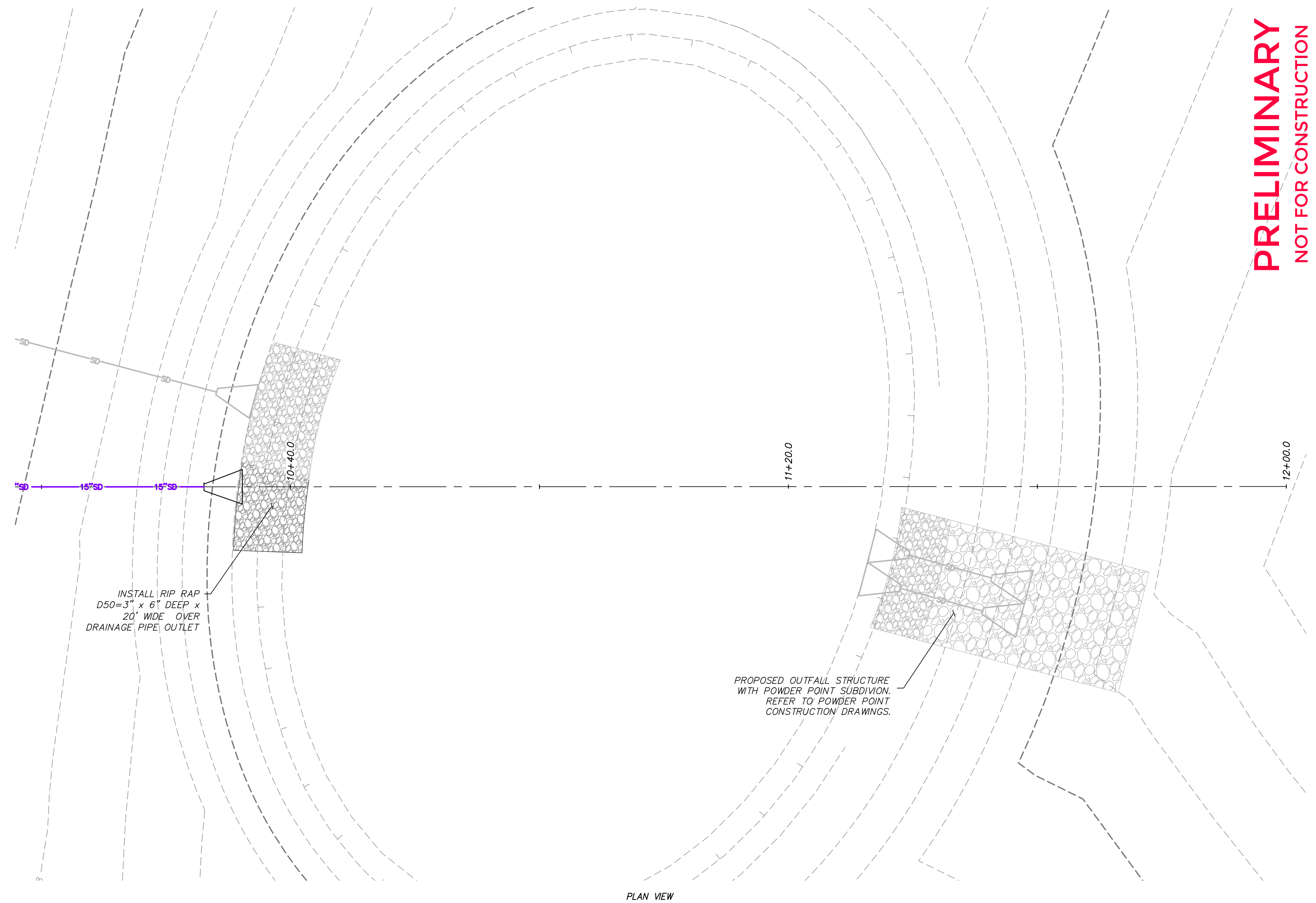


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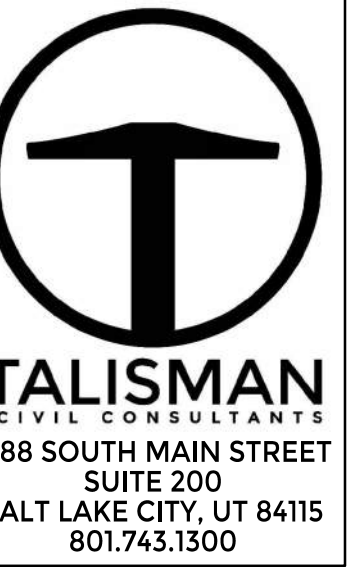


PIPE INSULATION
SCALE: N.T.S.



STORM DRAIN PIPE DAYLIGHT DETAIL
SCALE: N.T.S.

PRELIMINARY
NOT FOR CONSTRUCTION



VILLAGE NEST
POWDER MOUNTAIN, WEBER COUNTY, UTAH
DETAILS

DATE: 09.07.23

TCC JOB NUMBER: 22-200-49



SHEET NUMBER
703

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