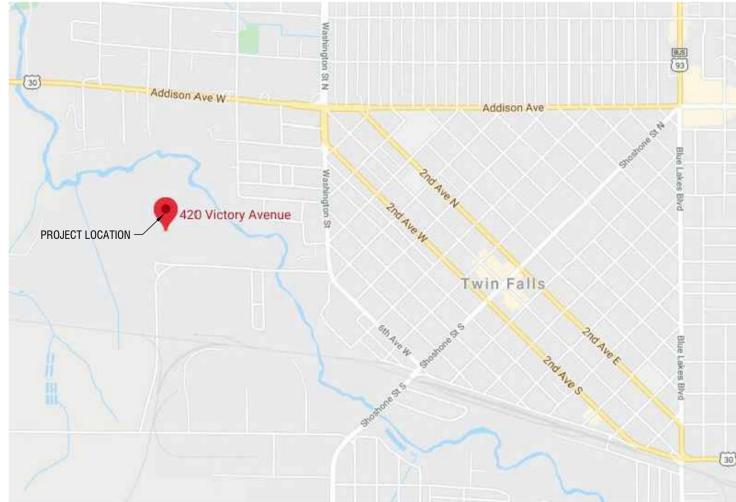


Twin Falls Fire Department Jim Bieri Regional Fire Training Facility Mass Grading - Construction Drawings



Vicinity Map
Scale: -NTS-

Engineers General Construction Notes:

- ALL CONSTRUCTION WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT VERSION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPCW), THE CITY OF TWIN FALLS REVISIONS TO THE ISPCW (AND ANY ADDENDUMS), AND PROJECT SPECIFICATIONS. THE MORE STRINGENT OF ANY OF THESE STANDARDS SHALL BE THE CONTROLLING STANDARDS OR SPECIFICATIONS.
- THE CONTRACTOR SHALL HAVE A COPY OF THE CURRENT VERSION OF THE ISPCW AND CITY OF TWIN FALLS REVISIONS TO THE ISPCW ON SITE AT ALL TIMES DURING CONSTRUCTION (AVAILABLE ON THE WEBSITE). FAILURE TO HAVE A CURRENT COPY OF THE STANDARD SPECIFICATIONS ON SITE COULD BE GROUNDS FOR A STOP WORK ORDER UNTIL THE SITUATION IS RESOLVED.
- THE CONTRACTOR SHALL EXAMINE THE SITE, COMPARE IT WITH THE PLANS, CAREFULLY EXAMINE ALL OF THE CONTRACT DOCUMENTS/PERMITS/LICENSE AGREEMENTS, AND SATISFY HIMSELF AS TO THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED BEFORE ENTERING INTO CONTRACT. NO ALLOWANCE SHALL SUBSEQUENTLY BE MADE ON BEHALF OF THE CONTRACTOR ON ACCOUNT OF AN ERROR ON HIS PART AND/OR HIS NEGLIGENCE AND/OR FAILURE TO ACQUAINT HIMSELF WITH THE CONDITIONS OF THE SITE.
- CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS NECESSARY TO COMPLETE THE WORK, UNLESS OTHERWISE NOTED. THE DIRECT COST OF PERMITS WILL BE REIMBURSED BY THE OWNER.
- A PRECONSTRUCTION CONFERENCE SHALL BE HELD A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO THE START OF WORK. THE GENERAL CONTRACTOR SHALL COORDINATE THE PRECONSTRUCTION CONFERENCE. THE DESIGN ENGINEER, ALL CONTRACTORS, SUBCONTRACTORS AND/OR UTILITY CONTRACTORS SHALL BE PRESENT. PROVIDE 48 HOURS NOTICE PRIOR TO THE MEETING.
- CONTRACTORS SHALL NOTIFY THE APPROPRIATE AGENCY WHEN MATERIALS ARE ON SITE OR INSPECTION OF THE WORK IS REQUIRED. NO WORK MAY BEGIN ON ANY PROJECT WITHOUT TWENTY FOUR (24) HOUR PRIOR NOTICE.
- WORK SUBJECT TO APPROVAL BY ANY GOVERNMENTAL AGENCY MUST BE APPROVED PRIOR TO (A) BACKFILLING TRENCHES FOR PIPE; (B) PLACING OF AGGREGATE BASE; (C) PLACING OF CONCRETE; (D) PLACING OF ASPHALT PAVING.
- ALL MATERIALS FURNISHED ON OR FOR THE PROJECT MUST MEET THE MINIMUM REQUIREMENTS OF THE APPROVING AGENCIES OR AS SET FORTH HEREIN, WHICHEVER IS MORE RESTRICTIVE.
- CONTRACTORS SHALL PERFORM SITE CLEARING, GRUBBING AND BACKFILL EXERCISES IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. CONTRACTORS SHALL COORDINATE AND ACCOMMODATE VISUAL INSPECTIONS, MATERIALS AND COMPACTION TESTING WITH THE GEOTECHNICAL ENGINEER AS OUTLINE IN SAID SPECIFICATIONS. COMPACTION TEST REPORTS SHALL BE PROVIDED TO THE DESIGN ENGINEER FOR ALL WORK.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN THE SUBGRADE IN SUCH A CONDITION THAT IT WILL BE WELL-DRAINED AT ALL TIMES. DRAINAGE DITCHES SHALL BE CONSTRUCTED AS NECESSARY TO AVOID DAMAGE TO THE CONSTRUCTION SITE.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION AND ELEVATION OF ALL TIE IN POINTS PRIOR TO CONSTRUCTION AND SHALL CONTACT THE DESIGN ENGINEER WITH ANY DISCREPANCIES.
- THE CONTRACTOR SHALL AT ALL TIMES COORDINATE HIS WORK WITH THAT OF OTHERS ON THE SITE. THE CONTRACTOR SHALL HAVE A RESPONSIBLE PARTY WHO SHALL HAVE THE AUTHORITY TO REPRESENT AND ACT FOR THE CONTRACTOR ON THE JOB SITE DURING ALL WORKING HOURS.
- CONTRACTOR SHALL CONFORM TO ALL LOCAL CODES.
- ALL WORK IS TO BE PERFORMED BY LICENSED CONTRACTORS AND EXPERIENCED WORKERS.
- ALL CONTRACTORS WORKING WITHIN THE PROJECT BOUNDARIES ARE RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE SAFETY LAWS OF ANY JURISDICTIONAL BODY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES, SAFETY DEVICES AND CONTROL OF TRAFFIC WITHIN AND AROUND THE CONSTRUCTION AREA.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR ANY AND ALL DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. OWNER/DEVELOPER/CONTRACTOR IS REQUIRED TO CALL 811 AT LEAST 2 BUSINESS DAYS PRIOR TO CONSTRUCTION, TO DETERMINE LOCATION OF UNDERGROUND UTILITIES.
- THE CONTRACTOR(S) SHALL REMOVE ALL OBSTRUCTIONS, BOTH ABOVE AND BELOW GROUND, AS REQUIRED FOR THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. THIS SHALL INCLUDE CLEARING AND GRUBBING WHICH CONSISTS OF CLEARING THE GROUND SURFACE OF ALL TREES, STUMPS, BRUSH, UNDERGROWTH, HEDGES, HEAVY GROWTH OF GRASS OR WEEDS, FENCES, STRUCTURES, DEBRIS, RUBBISH, AND SUCH MATERIAL WHICH, IN THE OPINION OF THE ENGINEER, IS UNSUITABLE FOR THE FOUNDATION OF STRUCTURES. ALL MATERIAL NOT SUITABLE FOR FUTURE USE ON SITE SHALL BE DISPOSED OF OFF SITE. REFER TO GEOTECHNICAL ENGINEERING REPORT FOR DETAILED EARTHWORK REQUIREMENTS.
- ALL ABANDONED BUILDINGS, TEST PITS OR WATERWAYS SHALL BE RE-EXCAVATED TO NATIVE SOIL AND BACKFILLED IN ACCORDANCE WITH SPECIFICATION SECTION 31 20 00.
- ALL EXISTING CONDITIONS AND STRUCTURES, NOT SPECIFICALLY NOTED FOR REMOVAL, SHALL BE RETAINED AND PROTECTED. EXISTING CONDITIONS AND STRUCTURES THAT ARE DAMAGED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING STREETS, SIDEWALKS, OR EXISTING STRUCTURES DURING THE CONSTRUCTION OF THIS PROJECT, AND SHALL REPAIR SUCH DAMAGE TO THE SATISFACTION OF THE GOVERNING AGENCY, AT NO EXTRA COST TO THE OWNER.
- CERTAIN CONTROL POINTS WILL BE SET BY THE ENGINEER, OR ITS REPRESENTATIVE, WHICH ARE CRITICAL TO THE CONSTRUCTION STAKING OF THE PROJECT. THESE POINTS WILL BE DESIGNATED AT THE TIME THEY ARE SET AND THE CONTRACTOR SO NOTIFIED. DESTRUCTION OF THESE POINTS BY THE CONTRACTOR OR HIS SUBCONTRACTORS SHALL BE GROUNDS FOR CHARGING THE CONTRACTOR FOR REESTABLISHING SAID POINTS.
- ALL COSTS OF RETESTING FOR PREVIOUSLY FAILED TESTS SHALL BE BACK CHARGED TO THE CONTRACTOR BY THE OWNER.
- ALL COSTS TO THE CONTRACTOR INCURRED IN CORRECTING DEFICIENT WORK SHALL BE TO THE CONTRACTORS ACCOUNT. FAILURE TO CORRECT SUCH WORK WILL BE CAUSE FOR A STOP WORK ORDER AND POSSIBLE TERMINATION.
- REFER TO THE GEOTECHNICAL ENGINEERING REPORT PREPARED SPECIFICALLY FOR THIS PROJECT. REFERENCE MTI REPORT FILE No. T200068g DATED JULY 28, 2020 AND ANY ASSOCIATED ADDENDUMS FOR SITE DEVELOPMENT REQUIREMENTS.
- PROPERTY PINS AND MONUMENTS DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE RESET BY A LICENSED SURVEYOR.
- THE CONTRACTOR SHALL FILE AND SUBMIT A NOTICE OF INTENT (NOI) ALONG WITH A STORM WATER POLLUTION PREVENTION PLAN TO MEET THE REQUIREMENTS OF THE ENVIRONMENTAL PROTECTION AGENCY (EPA) FOR CONSTRUCTION ACTIVITIES FOR THIS PROJECT.

Survey Control Notes:

- HORIZONTAL & VERTICAL DATUM:
 1. HORIZONTAL DATUM IS NAD 83 STATE PLANE COORDINATES INDAHO CENTRAL ZONE 1104.
 2. VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
 BENCHMARKS:
 3. SEE SHEET C1.00 FOR LOCATIONS OF BENCH MARKS LISTED BELOW:

TBM #1
 N: 324785.925'
 E: 1508794.052'
 ELEV: 3728.23'
 S/S-W IRON REBAR W/ CAP LOCATED IN PLANTER ISLAND OF HUMANE SOCIETY PARKING LOT

TBM #2
 N: 324706.780'
 E: 1509275.126'
 ELEV: 3728.85'
 IRON NAIL LOCATED IN ASPHALT PAVEMENT AT EAST DRIVEWAY IN COCA-COLA PROPERTY, EAST OF SITE.



Sheet List Table

Sheet Number	Sheet Title
C0.00	Cover & Notes
C1.00	Topographic Survey
C1.50	SWPPP Site Plan
C1.55	SWPPP Details
C2.00	Site Layout & Materials Plan
C2.50	Site Details
C4.00	Site Grading & Drainage Plan
C5.00	Site Utility Plan - For Reference Only

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 PH: 208.733.5695



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STAMP:



Project:
 TWIN FALLS FIRE DEPARTMENT
 JIM BIERI REGIONAL FIRE TRAINING FACILITY
 430 VICTORY AVE
 TWIN FALLS, ID 83301

Revisions:

Project No: 120104
 Date: 10.20.2021
 Checked By: ECBS
 Drawn By: CRUL
 Sheet Name:

Cover & Notes

Sheet No:

C0.00

MASS GRADING - CONSTRUCTION DOCUMENTS | BID SET

Sheet Notes:

1. TOPOGRAPHIC SURVEY IS PROVIDED FOR REFERENCE. MATERIAL MAY HAVE BEEN ADDED TO OR REMOVED FROM THE SITE SINCE THE SURVEY WAS COMPLETE.



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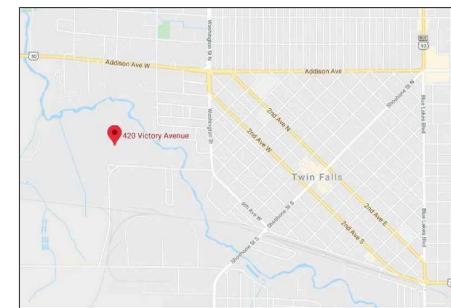
STAMP:



Topographic Survey

for
Pivot North Architecture
Being a Portion of Lot 1 of City Industrial Subdivision
Situate in the NW1/4 SE1/4 & SW1/4 NE1/4 of Section 17
Township 10 South, Range 17 East, Boise Meridian
Twin Falls, Twin Falls County, Idaho
2020

Vicinity Map:



Topographic Survey Pivot North Architecture

420 Victory Ave
Twin Falls, Idaho 83301

Revisions

1.	
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Project No: 102194
Date of Issuance: August 6, 2020
Project Milestone:

1 of 1

Project:
**TWIN FALLS FIRE DEPARTMENT
JIM BIERI REGIONAL FIRE TRAINING FACILITY**

430 VICTORY AVE
TWIN FALLS, ID 83301

MASS GRADING - CONSTRUCTION DOCUMENTS | BID SET

Project No: 120104
Date: 10.20.2021
Checked By: ECBS
Drawn By: CRUL
Sheet Name:

Topographic Survey

Sheet No:

C1.00

Legend:

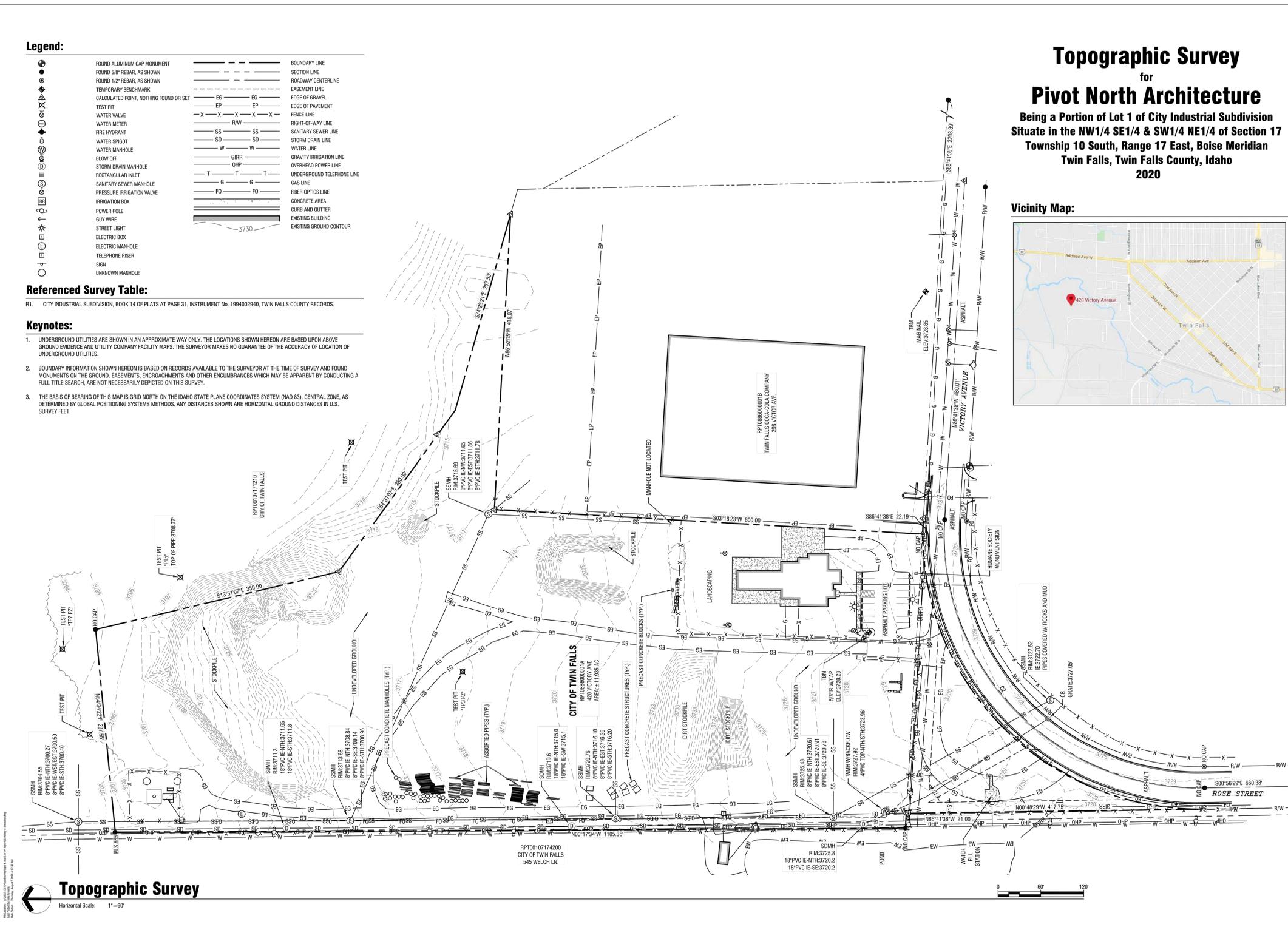
	FOUND ALUMINUM CAP MONUMENT		BOUNDARY LINE
	FOUND 5/8\"/>		SECTION LINE
	FOUND 1/2\"/>		ROADWAY CENTERLINE
	TEMPORARY BENCHMARK		EASEMENT LINE
	CALCULATED POINT, NOTHING FOUND OR SET		EDGE OF GRAVEL
	TEST PIT		EDGE OF PAVEMENT
	WATER VALVE		FENCE LINE
	WATER METER		RIGHT-OF-WAY LINE
	FIRE HYDRANT		SANITARY SEWER LINE
	WATER SPIGOT		STORM DRAIN LINE
	WATER MANHOLE		WATER LINE
	BLOW OFF		GRAVITY IRRIGATION LINE
	STORM DRAIN MANHOLE		OVERHEAD POWER LINE
	RECTANGULAR INLET		UNDERGROUND TELEPHONE LINE
	SANITARY SEWER MANHOLE		GAS LINE
	PRESSURE IRRIGATION VALVE		FIBER OPTICS LINE
	IRRIGATION BOX		CONCRETE AREA
	POWER POLE		CURB AND GUTTER
	GUY WIRE		EXISTING BUILDING
	STREET LIGHT		EXISTING GROUND CONTOUR
	ELECTRIC BOX		
	ELECTRIC MANHOLE		
	TELEPHONE RISER		
	SIGN		
	UNKNOWN MANHOLE		

Referenced Survey Table:

R1. CITY INDUSTRIAL SUBDIVISION, BOOK 14 OF PLATS AT PAGE 31, INSTRUMENT NO. 1994002940, TWIN FALLS COUNTY RECORDS.

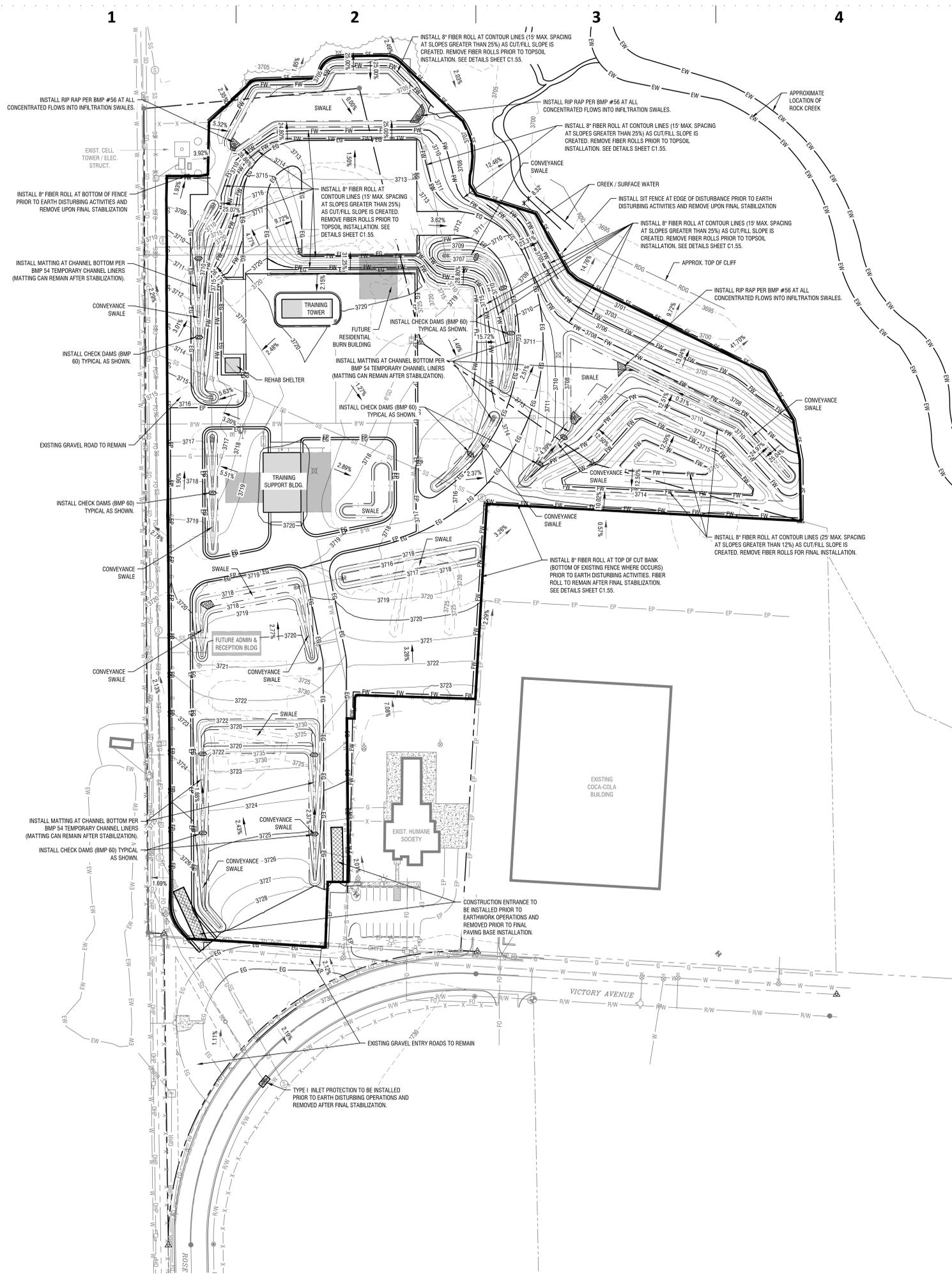
Keynotes:

- UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE LOCATIONS SHOWN HEREON ARE BASED UPON ABOVE GROUND EVIDENCE AND UTILITY COMPANY FACILITY MAPS. THE SURVEYOR MAKES NO GUARANTEE OF THE ACCURACY OF LOCATION OF UNDERGROUND UTILITIES.
- BOUNDARY INFORMATION SHOWN HEREON IS BASED ON RECORDS AVAILABLE TO THE SURVEYOR AT THE TIME OF SURVEY AND FOUND MONUMENTS ON THE GROUND, EASEMENTS, ENCROACHMENTS AND OTHER ENCUMBRANCES WHICH MAY BE APPARENT BY CONDUCTING A FULL TITLE SEARCH, ARE NOT NECESSARILY DEPICTED ON THIS SURVEY.
- THE BASIS OF BEARING OF THIS MAP IS GRID NORTH ON THE IDAHO STATE PLANE COORDINATES SYSTEM (NAD 83), CENTRAL ZONE, AS DETERMINED BY GLOBAL POSITIONING SYSTEMS METHODS. ANY DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES IN U.S. SURVEY FEET.



Topographic Survey
Horizontal Scale: 1"=60'





SWPPP General Notes:

- ALL BMP NUMBERS ARE REFERENCED FROM IDAHO DEQ BEST MANAGEMENT PRACTICES.
- ALL STORM WATER WILL BE CONTAINED ON SITE.
- ALL BMPs SHALL BE INSPECTED AT A MINIMUM OF ONCE EVERY 7 DAYS -OR- ONCE EVERY 14 DAYS AND WITHIN 24 HOURS OF A STORM EVENT PRODUCING 0.25 INCHES OR GREATER. INSPECTION FREQUENCY MAY BE REDUCED TO ONCE EVERY MONTH IF:
 - THE ENTIRE SITE IS TEMPORARILY STABILIZED, OR
 - RUNOFF IS UNLIKELY DUE TO WINTER CONDITIONS, OR
 - CONSTRUCTION IS OCCURRING DURING SEASONAL ARID PERIODS (MAY THROUGH SEPTEMBER) IN ARID AREAS AND SEMI-ARID AREAS.
- DEWATERING IS NOT EXPECTED FOR THIS SITE. ONSITE SWPPP CONTRACTOR IS RESPONSIBLE FOR ALL NON-STORMWATER MANAGEMENT.
- STREET SWEEPING WILL BE IMPLEMENTED ON AN AS-NEEDED BASIS AS DETERMINED BY THE SWPPP RESPONSIBLE PERSON.
- PROVIDE WASTE CONTAINERS FOR BUILDING MATERIALS IN WASTE STORAGE CONTAINMENT AREA. WASTE DISPOSAL DUMPSTERS MUST HAVE LIDS, OR PROVIDE COVER OR A SIMILARLY EFFECTIVE MEANS TO MINIMIZE THE DISCHARGE OF POLLUTANTS. KEEP WASTE CONTAINER LIDS CLOSED WHEN NOT IN USE AND AT THE END OF THE BUSINESS DAY. DISPOSE AT A FREQUENCY ACCORDING TO CONTAINER SIZE.
- LOCATE ALL PORTABLE RESTROOMS AS FAR FROM PUBLIC AND PRIVATE STORM DRAIN SYSTEMS AS POSSIBLE. ANCHOR TO PREVENT VANDALISM.
- SLURRY AND CUTTINGS FROM SAWCUTTING OF CONCRETE OR ASPHALT SHALL BE VACUUMED DURING CUTTING AND SURFACING OPERATIONS. SLURRY AND CUTTINGS SHALL NOT REMAIN ON PERMANENT CONCRETE OR ASPHALT PAVEMENT OVERNIGHT. SLURRY AND CUTTINGS SHALL NOT DRAIN TO ANY NATURAL OR CONSTRUCTED DRAINAGE CONVEYANCE. COLLECTED SLURRY AND CUTTINGS SHALL BE DISPOSED OF IN A MANNER THAT DOES NOT VIOLATE GROUNDWATER OR SURFACE WATER QUALITY STANDARDS.
- ALL EXCESS MATERIALS SHALL BE HAULED OFF SITE AND DISPOSED OF AT AN APPROVED LOCATION. EXCESS MATERIAL MAY BE TEMPORARILY STORED ON SITE (IF APPROVED BY THE OWNER) AT A PRE-APPROVED LOCATION. IF MATERIAL IS STOCKPILED FOR MORE THAN 14 DAYS STOCKPILE IS TO BE STABILIZED PER BMP #44.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE ISFWC.
- SEE LANDSCAPE AND MATERIALS PLANS FOR INFORMATION CONCERNING FINAL SOIL STABILIZATION MEASURES.
- ALL GRADING, UTILITY, AND ROADWAY CONSTRUCTION SHALL BE LIMITED TO THE HOURS BETWEEN 7:00 A.M. AND 9:00 P.M. MONDAY THROUGH FRIDAY AND 8:00 A.M. TO 9:00 P.M. SATURDAY AND SUNDAY, UNLESS OTHERWISE APPROVED BY THE CONSTRUCTION MANAGER.
- ANY MODIFICATIONS TO THIS PLAN REQUIRE APPROVAL OF THE DESIGNER OR THE ONSITE RESPONSIBLE PERSON.
- TOTAL DISTURBED AREA FOR THIS ON-SITE WORK IS APPROXIMATELY 12.14 ACRES.
- UPON CONTRACT APPROVAL BY THE CONTRACTOR, IT IS RECOGNIZED THAT THE CONTRACTOR HAS REVIEWED THE PLAN DRAWINGS AND THE CONTRACTOR AGREES TO ABIDE BY THE REQUIREMENTS AND CONDITIONS CONTAINED HEREIN.

Soil Stabilization (15,17,18,21,23)

- IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFF-SITE ACCUMULATIONS OF SEDIMENT MUST BE REMOVED AT A FREQUENCY SUFFICIENT TO MINIMIZE OFF-SITE IMPACTS.
- LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
- EXCEPT AS PROVIDED BELOW, STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
 - WHERE STABILIZATION BY THE 14th DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICAL.
 - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.

NOTE: ONE OF THE FOLLOWING TEMPORARY SOIL STABILIZATION PRACTICES SHALL BE IMPLEMENTED ON ALL DISTURBED AREAS AND/OR WHERE SHOWN ON PLAN, UNLESS CONDITIONS AS LISTED ABOVE DICTATE OTHERWISE:

- MULCHING (BMP 52) - APPLY GRAVEL, STRAW, GRASS, COMPOST, WOOD CHIPS OR WOOD FIBERS TO DISTURBED AREAS TO PREVENT EROSION. SEE APPENDIX F OF THE ESC/SWPPP NARRATIVE FOR A COMPLETE DESCRIPTION. **AND/OR**
- GEOTEXTILE (BMP 53) - APPLY NONBIODEGRADABLE SYNTHETIC FABRIC TO DISTURBED AREAS TO PREVENT EROSION. SEE APPENDIX F OF THE ESC/SWPPP NARRATIVE FOR A COMPLETE DESCRIPTION. **AND/OR**
- MATting (BMP 54) - APPLY BIODEGRADABLE WOVEN OR JUTE FIBER MAT TO DISTURBED AREAS TO PREVENT EROSION. SEE APPENDIX F OF THE ESC/SWPPP NARRATIVE FOR A COMPLETE DESCRIPTION.

PERMANENT SOIL STABILIZATION BMPs:
LANDSCAPING (BMP 32) - COORDINATE WITH THE APPROVED LANDSCAPE PLAN FOR LOCATIONS AND TIMING.

Contact Information

OWNER: CITY OF TWIN FALLS
203 MAIN AVE. EAST
TWIN FALLS, ID 83301
CONTACT: MANOH THOMPSON
PH: 208.733.7237

CONTRACTOR: STARR CORPORATION
2995 E. 3600 N.
TWIN FALLS, ID 83301
CONTACT: MICHAEL ARRINGTON
PH: 208.733.5699
EMAIL: michael@starrcorporation.com

ONSITE SWPPP COORDINATOR: TO BE DETERMINED

PLAN PREPARER: THE LAND GROUP
482 E. SHORE DR., SUITE 100
EAGLE, ID 83616
ROGER COLLINS
PHONE: 208.939.4041
roger@thelandgroupinc.com

ENGINEER: THE LAND GROUP, INC.
482 E. SHORE DR., SUITE 100
EAGLE, ID 83616
ERIC CROWIN, PE
PHONE: 208.939.4041

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BOISE, ID 83702
www.pivotnorthdesign.com

STAMP: PROFESSIONAL ENGINEER
LICENSED
13437
STATE OF IDAHO
ERIC CROWIN
10/20/2021

RICEfergusMILLER

THE LAND GROUP
INC. (INC. 121028)

ESC/SWPPP Legend

- APPROXIMATE LIMIT OF DISTURBANCE
- PROPOSED GROUND CONTOUR (ONE-FOOT INTERVAL)
- EXISTING GROUND CONTOUR (ONE-FOOT INTERVAL)
- FIBER ROLL PER STATE OF IDAHO CATALOG OF STORM WATER BEST MANAGEMENT PRACTICES BMP #64. SEE DETAILS ON SHEET C1.55.
- SILT FENCE PER STATE OF IDAHO CATALOG OF STORM WATER BEST MANAGEMENT PRACTICES BMP #65. SEE DETAIL ON SHEET C1.55.
- CONCRETE WASHOUT PER THE STATE OF IDAHO CATALOG OF STORM WATER BEST MANAGEMENT PRACTICES BMP #49 AND DETAIL ON SHEET C1.55.
- PORTABLE RESTROOM PER THE STATE OF IDAHO CATALOG OF STORM WATER BEST MANAGEMENT PRACTICES BMP #50.
- RECTANGULAR DROP INLET PROTECTION TYPE I PER BMP #13. SEE SHEET C1.55 FOR DETAILS.
- CIRCULAR DROP INLET PROTECTION TYPE III PER BMP #13. SEE SHEET C1.55 FOR DETAILS.
- MATERIALS STORAGE AND PARKING AREAS PER THE STATE OF IDAHO CATALOG OF STORM WATER BEST MANAGEMENT PRACTICES BMP #37.
- PROVIDE STABILIZED ENTRANCE PER THE STATE OF IDAHO CATALOG OF STORM WATER BEST MANAGEMENT PRACTICES BMP #40. THIS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION UNTIL ASPHALT BASE MATERIAL IS INSTALLED. PROVIDE SWEEPING DAILY OR AS NEEDED TO REMOVE ANY TRACKING OF MUD AND/OR DIRT ONTO EXISTING ASPHALT. SEE SHEET C1.55 FOR DETAILS.
- PORTION OF DISTURBED AREA TO BE ADDITIONALLY STABILIZED WITH MATTING PER DETAIL 7/ C1.55.
- PORTION OF DISTURBED AREA TO BE STABILIZED WITH DRY LAND HYDRO-SEED PER LANDSCAPE SHEETS.

SWPPP Posting Requirements:

- THE CONTRACTOR AND OWNER/DEVELOPER ARE RESPONSIBLE FOR APPLYING FOR OBTAINING THE EPA NOTICE OF INTENT (NOI).
- A COMPLETE COPY OF THE SWPPP (INCLUDING A COPY OF THE CONSTRUCTION GENERAL PERMIT AND COMPLETED INSPECTION FORMS), NOI, AND ACKNOWLEDGEMENT LETTER FROM EPA MUST BE RETAINED AT THE CONSTRUCTION SITE (OR OTHER LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS) AND MADE AVAILABLE FOR REVIEW BY EPA, A STATE, OR OTHER LOCAL APPROVING AGENCY.
- A SIGN OR OTHER NOTICE MUST BE POSTED IN A CONSPICUOUS LOCATION NEAR THE CONSTRUCTION ENTRANCE. THE SIGN OR OTHER NOTICE MUST CONTAIN THE FOLLOWING INFORMATION:
 - AT A MINIMUM, THE NOTICE MUST INCLUDE THE NPDES PERMIT TRACKING NUMBER AND A CONTACT NAME AND PHONE NUMBER FOR OBTAINING ADDITIONAL PROJECT INFORMATION AS WELL AS THE ADDRESS OF THE SITE. THE PERMIT HOLDER'S NAME AND THE PHONE NUMBER OF THE STORMWATER POLLUTION HOTLINE (208.395.8888) MUST BE DISPLAYED THROUGHOUT CONSTRUCTION.
 - THE UNIFORM RESOURCE LOCATOR (URL) FOR THE SWPPP (IF AVAILABLE), OR THE FOLLOWING STATEMENT: "IF YOU WOULD LIKE TO OBTAIN A COPY OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR THIS SITE, CONTACT THE EPA REGIONAL OFFICE AT EPA REGION 10 STORMWATER PROGRAM MISHA VAKOC (VAKOC.MISHA@EPA.GOV) (206) 553-6650"
 - AND THE FOLLOWING STATEMENT "IF YOU OBSERVE INDICATORS OF STORMWATER POLLUTANTS IN THE DISCHARGE OR IN THE RECEIVING WATERBODY, CONTACT THE EPA THROUGH THE FOLLOWING WEBSITE: [HTTPS://WWW.EPA.GOV/ENFORCEMENT/REPORT-ENVIRONMENTAL-VIOLATIONS](https://www.epa.gov/enforcement/report-environmental-violations)."
 - THE NOTICE MUST BE LOCATED SO THAT IT IS VISIBLE FROM THE PUBLIC ROAD THAT IS NEAREST TO THE ACTIVE PART OF THE CONSTRUCTION SITE.
 - THE NOTICE MUST USE A FONT LARGE ENOUGH TO BE READILY VIEWED FROM A PUBLIC RIGHT-OF-WAY.
- THE SWPPP MUST BE SIGNED AND CERTIFIED IN ACCORDANCE WITH APPENDIX I, SECTION 1.11 OF THE CONSTRUCTION GENERAL PERMIT.
- THE CONTRACTOR AND OWNER/DEVELOPER ARE RESPONSIBLE FOR OBTAINING THE EPA FORMS FOR N.O.T. (NOTICE OF TERMINATION).

Project: TWIN FALLS FIRE DEPARTMENT
 JIM BIERI REGIONAL FIRE TRAINING FACILITY
 430 VICTORY AVE
 TWIN FALLS, ID 83301

MASS GRADING - CONSTRUCTION DOCUMENTS | BID SET

Revisions: Δ

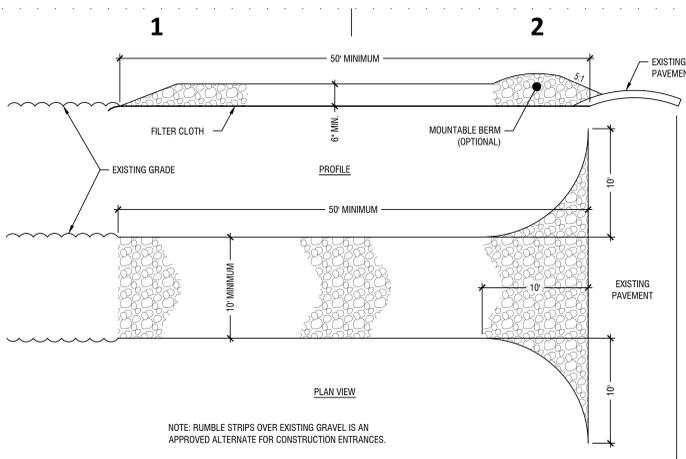
Project No:	120104
Date:	10.20.2021
Checked By:	ECBS
Drawn By:	CRUL
Sheet Name:	SWPPP Site Plan

SWPPP Site Plan - Mass Grading

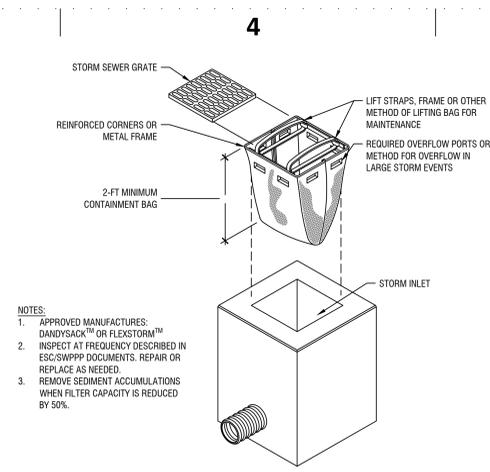
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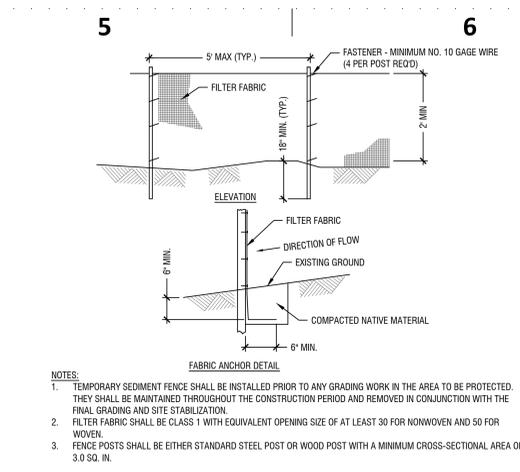
Sheet No:
C1.50



- CONSTRUCTION SPECIFICATIONS**
- STONE SIZE-USE CRUSHED 2" STONE OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT FOR TOP LAYER, 2"-8" DIAMETER FOR BASE LAYER.
 - LENGTHS REQUIRED, BUT NOT LESS THAN 50 FEET EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.
 - THICKNESS NOT LESS THAN 6 INCHES.
 - WIDTH-10 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
 - FILTER CLOTH-WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
 - SURFACE WATER-ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
 - MAINTENANCE-THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
 - WASHING-WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
 - PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

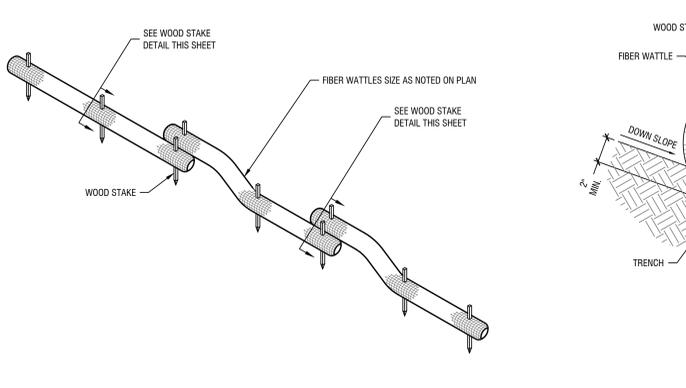


4 Drop Inlet Protection Type I (BMP 13)
Scale: NTS

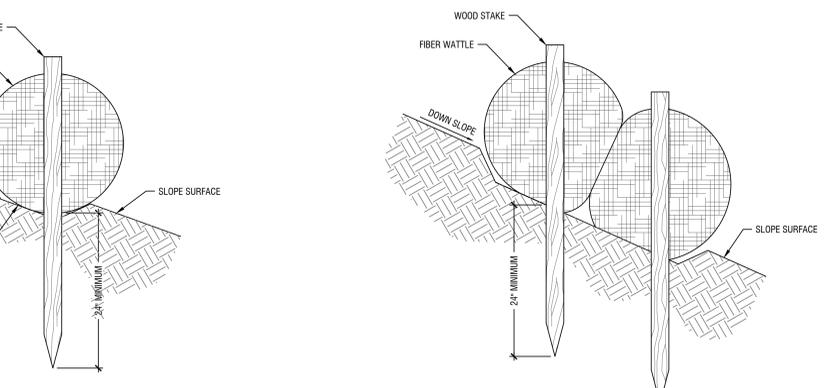


3 Silt Fence Install 1 (BMP 65)
Scale: NTS

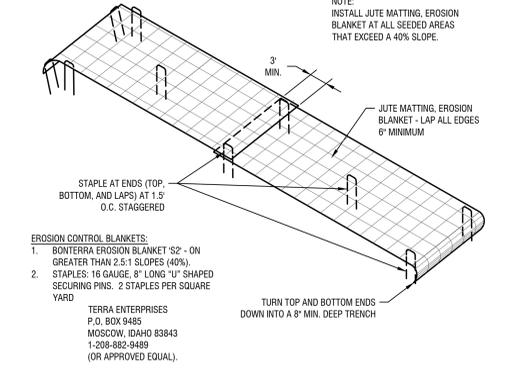
1 Stabilized Construction Entrance (BMP 40)
Scale: NTS



4 Fiber Roll (BMP 64)
Scale: NTS

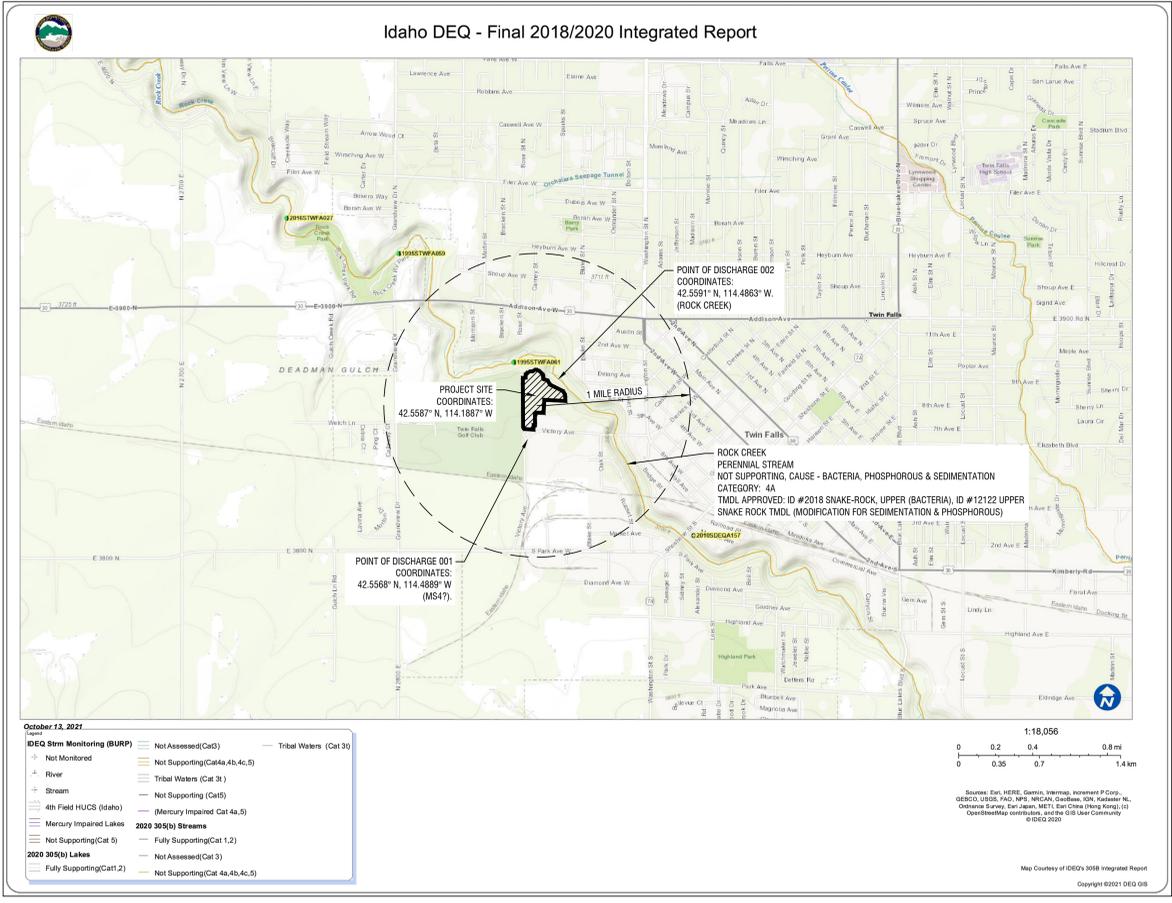


5 Fiber Roll Stake Section (BMP 64)
Scale: NTS



7 Slope Matting (BMP 18)
Scale: NTS

4 Fiber Roll Stake Section 2 (BMP 64)
Scale: NTS



STAMP:



Project:
**TWIN FALLS FIRE DEPARTMENT
JIM BIERI REGIONAL FIRE TRAINING FACILITY**

430 VICTORY AVE
TWIN FALLS, ID 83301

Revisions: Δ

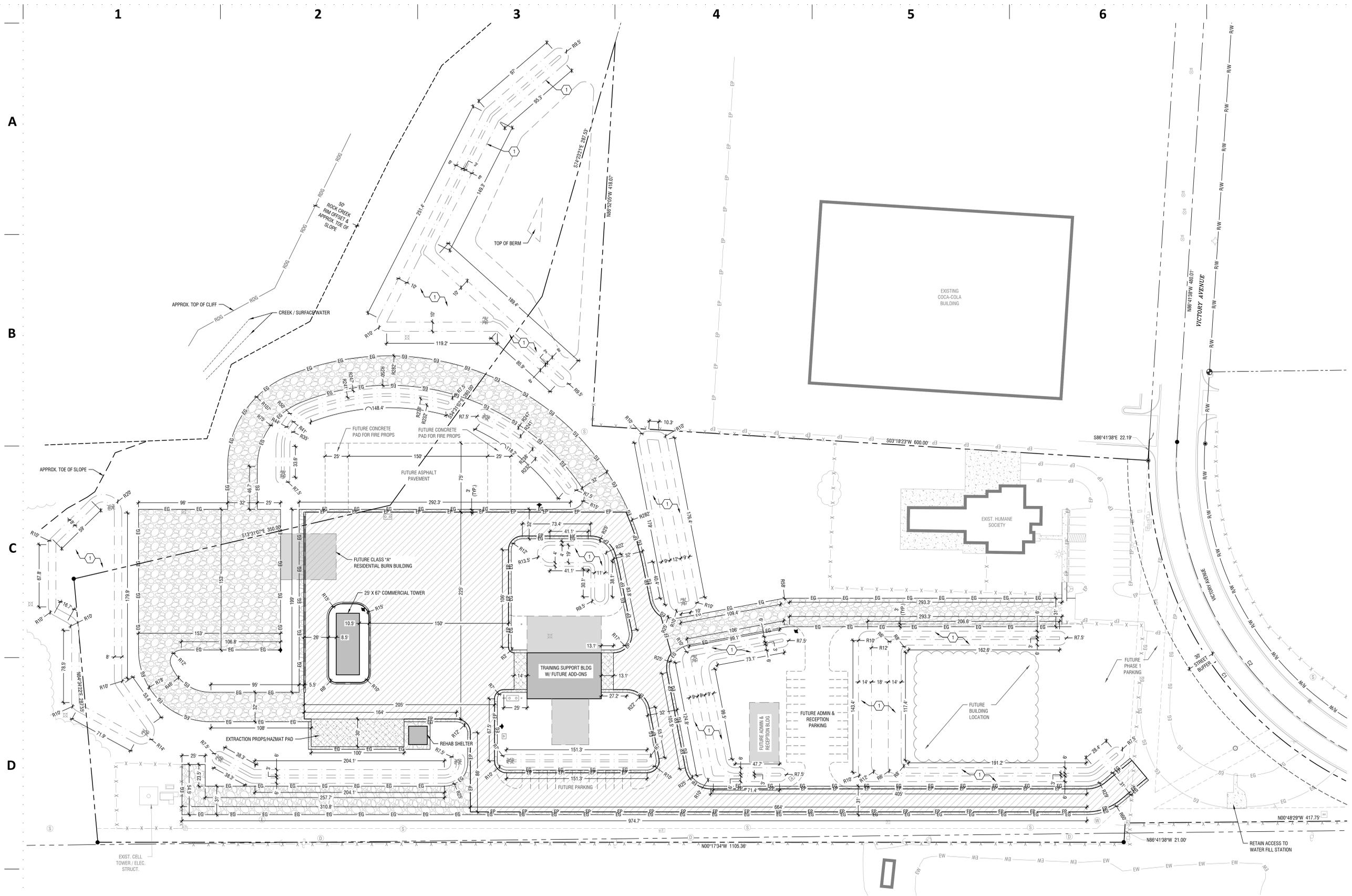
Project No: 120104
Date: 10.20.2021
Checked By: EC/BS
Drawn By: CR/L
Sheet Name:

Site Layout &
Materials Plan

Sheet No:

C2.00

MASS GRADING - CONSTRUCTION DOCUMENTS | BID SET



Site Layout & Materials Plan

Horizontal Scale: 1" = 40'

Sheet Notes:

- UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE MEASURED FROM FACE OF CURB, EDGE OF WALK, EDGE OF PAVEMENT, EDGE OF FOUNDATION, EDGE OF WALLS OR EDGE OF GRAVEL.
- GRAVEL SECTION THICKNESS ACCOMMODATES FUTURE PAVING EFFORTS. TOP 3" WILL BE REMOVED TO ALLOW INSTALLATION OF 3" ASPHALT DEPTH.

Hatch Legend:

	HEAVY DUTY ASPHALT PAVEMENT PER DETAIL 1/C2.50.
	GRAVEL ROAD PER DETAIL 2/C2.50.
	HEAVY DUTY CONCRETE PER DETAIL 3/C2.50.

Keynotes:

- PROPOSED STORM WATER INFILTRATION FACILITY. REFER TO SHEET C4.00 FOR MORE INFORMATION.



E

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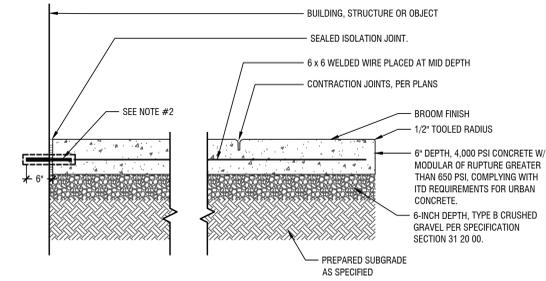
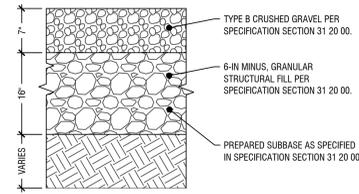
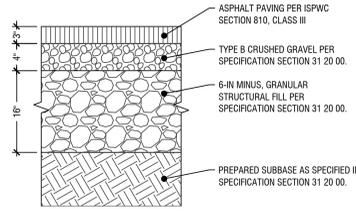
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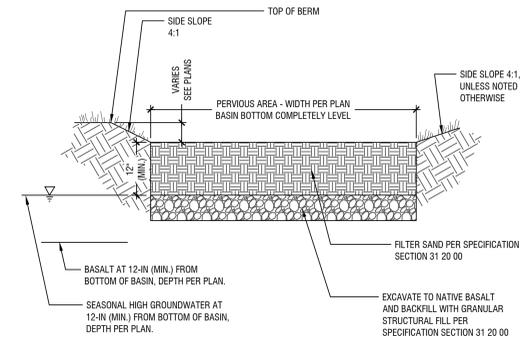


- NOTES:
 1. JOINTS SHALL BE SPACED EVENLY THROUGHOUT LENGTH OF WALK, AS SHOWN ON DRAWINGS.
 2. 24" LONG 2" DIA. EPOXY-COATED PLAIN BAR, EMBEDDED 6" INTO STEM WALL AT 18" O.C. AT ALL DOORS & GARAGE BAYS. DRILL STEM WALL AND GARAGE SLAB FOR TIGHT FIT. LUBRICATE OR COAT DOVEL WITHIN DRILLED HOLE. TWO-PART EPOXY RESIN PROHIBITED.

1 Heavy Duty Asphalt Section
 Scale: NTS

2 Gravel Road Section
 Scale: NTS

3 Heavy Duty Concrete Paving
 Scale: NTS



4 Infiltration Swale
 Scale: NTS



PIVOT NORTH ARCHITECTURE, PLLC.
 1101 W. GROVE STREET
 BOISE, ID 83702
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Project:
**TWIN FALLS FIRE DEPARTMENT
 JIM BIERI REGIONAL FIRE TRAINING FACILITY**
 430 VICTORY AVE
 TWIN FALLS, ID 83301

Revisions: Δ

Project No: 120104
 Date: 10.20.2021
 Checked By: EC/BS
 Drawn By: CRJL

Sheet Name:

Site Details

Sheet No:

C2.50

MASS GRADING - CONSTRUCTION DOCUMENTS | BID SET



Site Grading & Drainage Plan

Horizontal Scale: 1" = 40'

Grading Notes:

- CONTRACTOR SHALL COMPLY WITH ALL NOTES ON SHEET C0.00.
- SPOT ELEVATIONS INDICATE FINISH GRADE OF TOP OR BOTTOM OF DRAINAGE SWALE, OR OTHER SURFACE AS INDICATED BY THE FOLLOWING ABBREVIATIONS:
EG-EDGE OF GRAVEL
FF-FINISH FLOOR
FG-FINISH GRADE
FL-FLOW LINE
GB-GRADE BREAK
HP-HIGH POINT
LIP-LIP OF GUTTER
TA-TOP OF ASPHALT
TC-TOP OF CONCRETE
- EXISTING CONTOURS ARE AT 5-FT INTERVALS.
PROPOSED CONTOURS ARE AT 1-FT INTERVALS.
- ADD 3700 TO ALL SPOT ELEVATIONS FOR ACTUAL ELEVATION.
- ALL CORRUGATED METAL PIPE (CMP) AND COUPLING BANDS SHALL BE GALVANIZED AND CONFORM TO AASHTO M36 AND AASHTO M218.

Keynotes:

- INSTALL FLARED SECTION AT END OF 12-IN CMP CULVERT. PROVIDE $D_{90} = 0.50'$ RIP-RAP AT 3-FT BEYOND PIPE INVERT AND 1-FT ON EITHER SIDE OF PIPE. RIP-RAP SHALL BE SET FLUSH WITH PROPOSED FINISH GRADE AT INVERT.
- BASIN A:**
ANTICIPATED SEASONAL HIGH GROUNDWATER ELEV. = 3716.00'
ANTICIPATED BASALT ELEV. = 3717.51'
- BASIN B:**
ANTICIPATED SEASONAL HIGH GROUNDWATER ELEV. = 3714.54'
ANTICIPATED BASALT ELEV. = 3712.34'
- BASIN C:**
ANTICIPATED SEASONAL HIGH GROUNDWATER ELEV. = 3715.67'
ANTICIPATED BASALT ELEV. = 3710.67'
- BASIN D:**
ANTICIPATED SEASONAL HIGH GROUNDWATER ELEV. = 3705.97'
ANTICIPATED BASALT ELEV. = 3704.47'
- BASIN E:**
ANTICIPATED SEASONAL HIGH GROUNDWATER ELEV. = 3705.97'
ANTICIPATED BASALT ELEV. = 3703.32'

Grading Legend:

- CURB & CHUTE PLATE GUTTER PER ISPPWC SD-701
- CURB & REVERSE PLATE GUTTER
- GRADE BREAK
- FLOW LINE
- TOP/TOE OF SLOPE
- TOP/BOTTOM OF DRAINAGE SWALE OR BASIN
- PROPOSED PHASE 1 OR FUTURE BUILDING PAD. REFER TO SPECIFICATION SECTION 31 20 00 FOR EXCAVATION, SUBGRADE PREP AND BACKFILL REQUIREMENTS AT BUILDING FOUNDATIONS AND SLABS.

STAMP:



Project:
**TWIN FALLS FIRE DEPARTMENT
JIM BIERI REGIONAL FIRE TRAINING FACILITY**

430 VICTORY AVE
TWIN FALLS, ID 83301

Revisions:

Project No: 120104
Date: 10.20.2021
Checked By: ECBS
Drawn By: CRUL

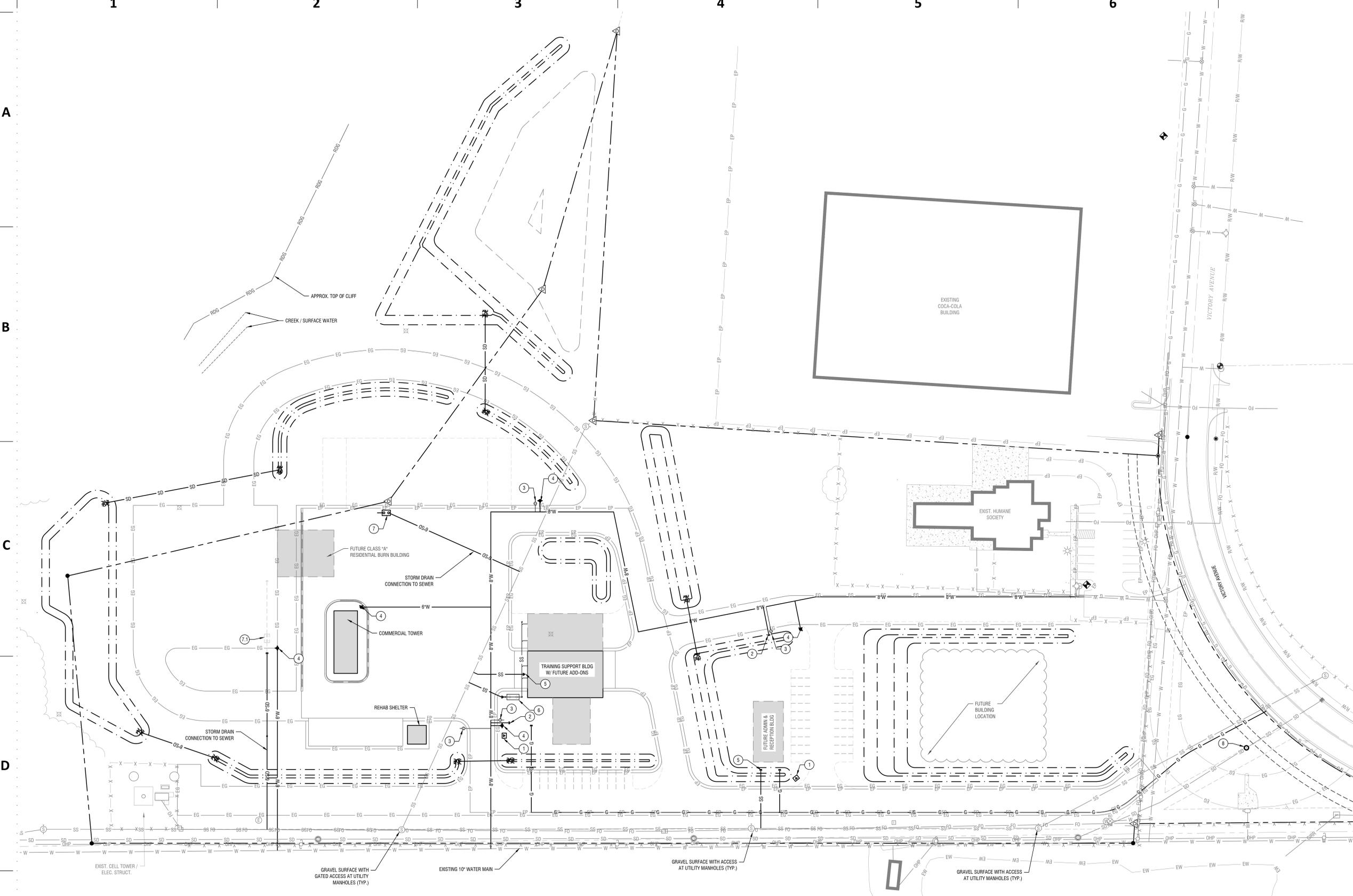
Sheet Name:

Site Utility Plan -
For Reference Only

Sheet No:

C5.00

MASS GRADING - CONSTRUCTION DOCUMENTS | BID SET



Mass Grading-Site Utility Plan - For Reference Only
Horizontal Scale: 1" = 40'

Sheet Notes:

- THE PROPOSED UTILITY IMPROVEMENTS AS SHOWN ARE PRELIMINARY IN NATURE. THEY ARE INTENDED TO SHOW THE METHOD BY WHICH NECESSARY WATER, SEWER AND STORM DRAINAGE SYSTEMS WILL BE CONSTRUCTED TO SERVE THE PROPOSED DEVELOPMENT AND ARE SUBJECT TO CHANGE. UPON SUBMISSION OF THE MASS GRADING BID SET, DETAILED ENGINEERING PLANS WILL BE PREPARED FOR REVIEW/APPROVAL AND BID AS A SUBSEQUENT PROJECT TO THE PHASE 1 CONSTRUCTION.
- REVISED SITE ACCESS CIRCULATION/CURB CUTS ON VICTORY AVE. AND PARKING LOT EXPANSION ADJACENT TO THE HUMANE SOCIETY WILL BE INCLUDED IN THE SUBSEQUENT BID PACKAGE FOR PHASE 1 CONSTRUCTION.

Keynotes:

- ELECTRICAL TRANSFORMER
- BUILDING FIRE SERVICE
- WATER METER & SERVICE
- FIRE HYDRANT
- DOMESTIC SEWER SERVICE
- FLAMMABLE LIQUIDS INTERCEPTOR FROM FLOOR TRENCH DRAIN.
- SAND & GREASE TRAP FOR PRETREATMENT FROM CLASS 'A' RUNOFF.
- FUTURE PHASE
- INLET MANHOLE FOR WATER FILL STATION RUNOFF.

Utility Considerations Not Illustrated:

- SITE ELECTRICAL JOIN TRENCH CONDUIT ROUTING FOR BUILDINGS/PROPS (PROPOSED AND FUTURE), SITE LIGHTING, VIDEO SURVEILLANCE, AUTOMATED GATES AND KEYPADS, DIESEL BLOCK HEATING POWER, ETC.
- PROPANE SLEEVES TO PROPS FROM FUTURE PROPANE TANK.
- WATER SERVICE ROUTING BEYOND THE METER TO COMMERCIAL TOWER OR BURN PROP. PADS.

Line Legend:

UTILITY LINEWORK AND SYMBOLS BOLD ARE PROPOSED, FADED BACK ARE EXISTING	
	WATER VALVE
	WATER METER
	FIRE HYDRANT
	FROST FREE HYDRANT / SPIGOT
	WATER MANHOLE
	BLOW OFF
	STORM DRAIN MANHOLE
	RECTANGULAR INLET
	SANITARY SEWER MANHOLE - PROPOSED 48"
	PRESSURE IRRIGATION VALVE
	IRRIGATION BOX
	POWER POLE
	GUY WIRE
	STREET LIGHT
	ELECTRIC MANHOLE
	ELECTRIC BOX
	ELECTRIC VAULT
	EASEMENT LINE
	SANITARY SEWER LINE (SIZE AS INDICATED)
	STORM DRAIN LINE
	WATER LINE (SIZE AS INDICATED)
	GRAVITY IRRIGATION LINE
	OVERHEAD POWER LINE
	GAS LINE
	FIBER OPTICS LINE