



NOTICE OF AGENDA

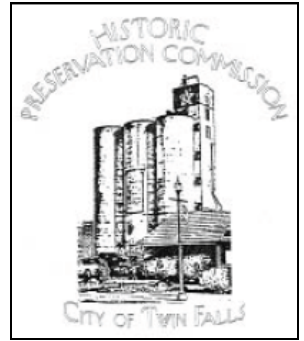
PUBLIC MEETING

Twin Falls Historic Preservation Commission

September 19, 2016 12:00 PM

City Council Chambers

305 3rd Avenue East Twin Falls, ID 83301



HISTORIC PRESERVATION COMMISSION MEMBERS

Samra Culum

Andrew Dunn

Ryan Horsley

Samantha Kemp
Vice Chair

Debbie Lattin

Nancy Taylor
Chair

Lucy Wills

COUNCIL LIAISON: Ruth Pierce

AFFILIATE VOLUNTEER ADVISOR: Darrell Buffaloe

I. CALL MEETING TO ORDER:

1. Confirmation of quorum
2. Introduction of new commissioners
3. Introduction of staff

II. CONSENT CALENDAR:

1. Approval of Minutes from the following meeting(s): **August 15, 2016**

III. CERTIFICATE OF APPROPRIATENESS:

1. Revised renderings of Gemstone Development, LLC, 135 5th Ave S.

IV. OLD BUSINESS UPDATE:

1. Idaho Certified Local Government Grant
2. Idaho State Historic Society Community Enhancement Grant
3. Highway Sign Update

V. NEW BUSINESS:

VI. INPUT AND/OR ITEMS FROM THE HISTORIC PRESERVATION COMMISSION

VII. UPCOMING MEETINGS/SCHEDULE: **October 17, 2016 12:00 PM**

VIII. ADJOURN MEETING:

Si desea esta información en español, llame Leila Sanches al (208) 735-7287

Any person(s) needing special accommodations to participate in the above noticed meeting should contact Lisa A. Strickland at (208) 735-7267 at least two (2) working days before the meeting.



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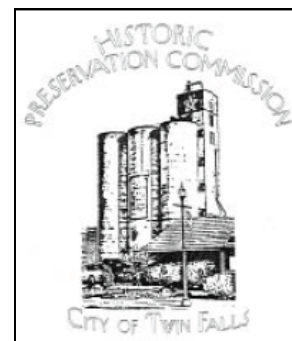
PUBLIC MEETING

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August 15, 2016 12:00 PM

City Council Chambers

305 3rd Avenue East Twin Falls, ID 83301



HISTORIC PRESERVATION COMMISSION MEMBERS

Ryan Horsley	Samantha Kemp	Debbie Lattin	Nancy Taylor	Lucy Wills	Vacant	Vacant
	Vice Chair		Chair			

COUNCIL LIAISON: Ruth Pierce

AFFILIATE VOLUNTEER ADVISOR: Darrell Buffaloe

MEMBER ATTENDANCE: Horsley, Kemp, Lattin, Wills

LIAISON/STAFF ATTENDANCE: Buffaloe, Strickland, Weeks

I. CALL MEETING TO ORDER:

Vice-Chairman Kemp called the meeting to order and confirmed a quorum.

II. CONSENT CALENDAR:

1. Approval of Minutes from the following meeting(s): **July 18, 2016**

Motion:

Commissioner Horsley made a motion to approve the consent calendar, as presented. Commissioner Lattin seconded the motion.

Unanimously Approved

III. CERTIFICATE OF APPROPRIATENESS:

1. None

IV. OLD BUSINESS UPDATE:

1. Idaho Certified Local Government Grant

Commission Liaison Buffaloe presented a power point presentation.

A. Idaho State Historic Society Community Enhancement Grant

1. Maximum Funding Request: \$2,500. A one-to-one match of the funds is required
2. (All grants must be matched on a dollar for dollar basis, either cash, in-kind, or volunteer hours).
Recommendations:

Examples of Acceptable Grant Projects

- Publications/brochures and website development/maintenance
- Purchase of supplies and equipment (computers, audio/video/camera equipment, software, conservation materials, archival materials, storage shelving)

- Educational programs (symposia, curriculum development, teacher workshops, speakers, programs, traveling trunks)
- Oral/video history projects
- Design and construction of outdoor Interpretive signs, kiosks, and exhibits (must comply, If appropriate, with city, county, state, and/or federal signage regulations, Including environmental regulations)
- Support for assistance (including professional contract assistance) for membership enhancement, fundraising, and developing board policies and procedures
- Events (must be historically accurate if depicting a historical event)
- Non-structural enhancements to buildings to better preserve and/or exhibit materials, such as lighting, security systems, fireproof filing cabinets.
- Projects designed to enhance cultural/heritage tourism

B. Certified Local Government Grant

1. Call for applications will be in October (not July as in the past)
2. Applications will be due on December 31st, with grants being awarded in February
3. Grants will be more competitive than in the past with no community being assured of funding.

Recommendations

1. Contract a professional historical planner to develop a preservation plan for the community (and possibly County)
2. Funding to update and print new tour guides for our historic districts.
3. Fund the development of a historic video and/or QR Codes.
4. Others

Recommended Focus of the HPC over the next year

- Work with professional historic preservation planner to develop a long term historic preservation plan for Twin Falls that identifies preservation priorities for the community.
- Develop visual and print media presentations on National Register-listed sites and buildings in the Magic Valley and insure sufficient supplies of walking tour leaflets are available for the public.
- Work with the local School Districts and prepare a sustainable program to provide historic preservation information to schools.
- Prepare nomination to the National Register of historic Places for the Tree Streets.
- Goals I, II, and IV are dependent on CLG grants and will be implemented when funding is available. Goal III could be implemented with the goal of starting the school presentations during the Spring Semesters, 2017.

Motion:

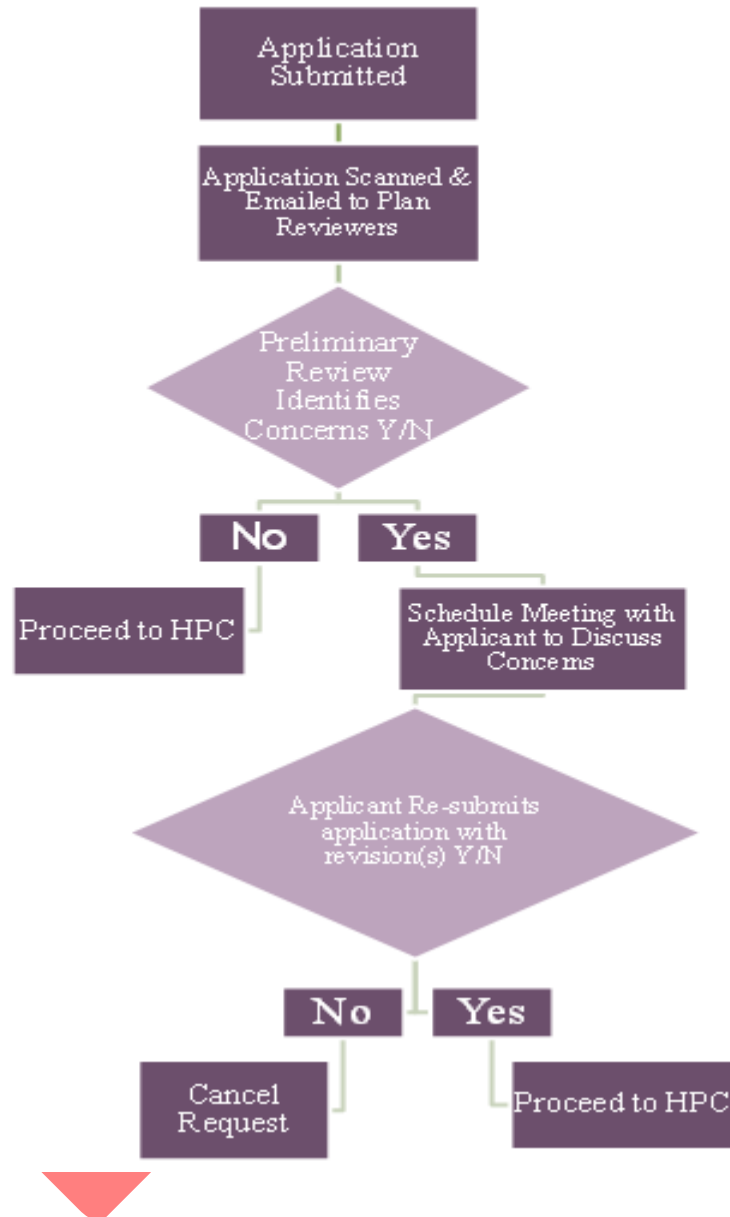
Commissioner Lattin made a motion to have Commission Liaison Buffaloe move forward for writing the grant for the Idaho Historic Society Community Enhancement Grant with the recommendations, as presented. Commissioner Wills seconded the motion.

Unanimously Approved

2. Discuss Certificate of Appropriateness Application Procedure

Planner I Weeks presented a procedure for application submittals for Certificates of Appropriateness.

Certificate of Appropriateness Application Procedure



Discussion Followed:

After some discussion it was determined that the current process works in most situations, however if staff upon receiving an application sees a proposal that seem to potentially have some issues because of code requirements let the applicant know so they can decide how to proceed with the request.

Planner I Weeks stated that she will ask for a preliminary review by the other reviewers for any obvious issues. She also explained that there is always a condition of approval that lets the applicant know that amendments may be required due to code requirements. Another step that

staff has taken is to create an actual certificate with the conditions of approval. The applicant will receive a signed certificate for their records.

<u>Certificate of Appropriateness</u>		Permit No. <u>xxxx</u>
Granted by the Twin Falls City Historic Preservation Commission, as presented, on XXXX to XXXX whose address is XXXX for the purpose of XXXX		
The Commission has attached the following conditions which must be fully implemented to avoid permit revocation (City Code Section 10-13-2.3):		
This permit corresponds to Zoning Application No. <u>xxxx</u>		
1.	Subject to site plan amendments as required by Building, Engineering, Fire and Zoning Officials to ensure compliance with all applicable City Code requirements and standards	
	CHAIRMAN - TWIN FALLS CITY PLANNING & ZONING COMMISSION DATE	
<u>This permit is for zoning purposes only.</u> Other permits such as sign, building, electrical or plumbing permits, etc. may be required. All facilities must comply with all Building and Fire Code Regulations.		
Please contact the Building Department at 735-7238 for further information.		

3. Highway Sign Update
Commission Liaison Buffalo stated a formal request related to the Highway Sign has been submitted and he will report back to the Commission at the next meeting.

- V. NEW BUSINESS: **None**
- VI. INPUT AND/OR ITEMS FROM THE HISTORIC PRESERVATION COMMISSION: **None**
- VII. UPCOMING MEETINGS/SCHEDULE: **September 19, 2016 12:00 PM**
- VIII. ADJOURN MEETING:

Si desea esta información en español, llame Leila Sanches al (208) 735-7287
Any person(s) needing special accommodations to participate in the above noticed meeting should contact Lisa A. Strickland at (208) 735-7267 at least two (2) working days before the meeting.

GENERAL NOTES:

- CONTRACTOR SHALL HAVE A CURRENT SET OF CONSTRUCTION PLANS STAMPED BY THE ENGINEER WITH AN APPROVAL STAMP BY THE CITY AT THE WORKSITE.
- ALL CONSTRUCTION SHALL CONFORM TO THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION, THE CITY OF TWIN FALLS AND ALL OTHER LOCAL, STATE AND FEDERAL AGENCIES WHICH ARE APPLICABLE UNLESS OTHERWISE SHOWN.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTIES FROM ANY AND ALL DAMAGE THAT MAY OCCUR FROM RUNOFF AND OR DEPOSITION OF DEBRIS RESULTING FROM ANY AND ALL WORK IN CONNECTION WITH SITE CONSTRUCTION. THE CONTRACTOR, AND EACH SUBCONTRACTOR, SHALL BE RESPONSIBLE FOR THE CLEAN-UP AND REMOVAL FROM THE JOB-SITE ANY TRASH OR EXCESS MATERIAL CREATED BY THE PERFORMANCE OF THEIR WORK. SUCH MATERIAL SHALL BE PLACED IN A DUMPSTER OR SIMILAR DEVICE PROVIDED BY THE CONTRACTOR OR TRANSPORTED FROM THE JOB-SITE.
- RECORDED AND/OR FILED SURVEY MONUMENTS EXIST WITHIN THE LIMITS OF THIS PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND/OR HAVE REPLACED ANY MONUMENTS DESTROYED DURING CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITION BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND INGRESS AND EGRESS TO SAID CONSTRUCTION.
- CONTRACTOR SHALL REMOVE AND SORT ALL ON-SITE EXCAVATED NATIVE MATERIAL AND USE SUITABLE MATERIAL WHERE DESIGNATED ON THE CONSTRUCTION PLANS AS REQUIRING FILL MATERIAL. FILL SHALL BE PLACED AND COMPACTED BY METHODS APPROVED BY THE CITY OF TWIN FALLS AND APPROVED BY THE DESIGN ENGINEER. ALL STRIPINGS NOT SUITABLE FOR FILL MATERIAL ON LOTS OR ROADWAYS SHALL BE USED AS DIRECTED BY THE ENGINEER OR DISCARDED OFF-SITE AT THE CONTRACTOR'S EXPENSE.
- EXISTING UTILITIES ARE LOCATED ON THE PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR THE PROTECTION OF UTILITIES AND THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN ON THE PLANS OR NOT IN THE LOCATION SHOWN ON THE PLANS. THIS INCLUDES ALL SERVICE LATERALS OF ANY KIND.
- POWER/LIGHT POLES AND/OR OTHER EXISTING FACILITIES NOT IN PROPER LOCATION BASED ON PROPOSED IMPROVEMENTS SHALL BE VERIFIED PRIOR TO COMMENCING WORK.
- AFFECTED UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION. CALL "DIGLINE" 48 HOURS PRIOR TO COMMENCING WORK.
- MODIFICATIONS OF EXISTING UTILITIES SHALL CONFORM TO ALL APPLICABLE STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL TAKE REASONABLE MEASURES TO PROTECT EXIST. IMPROVEMENTS FROM DAMAGE AND ALL SUCH IMPROVEMENTS DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED TO THE ENGINEER'S SATISFACTION AT THE EXPENSE OF THE CONTRACTOR.
- ALL CHANGES REQUIRE APPROVAL BY THE PROJECT ENGINEER AND THE CITY ENGINEER. THE ENGINEER TAKES NO RESPONSIBILITY FOR ANY DEVIATIONS FROM THESE PLANS UNLESS AUTHORIZED, IN WRITING, BY THE ENGINEER.
- IDAHO CODE 39-118 REQUIRES IDAHO DEPT. OF ENVIRONMENTAL QUALITY (IDEQ) APPROVAL PRIOR TO CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE COMPLIANCE.
- ALL APPROACH RADI ARE TO BE 20' TO FACE OF CURB UNLESS OTHERWISE NOTED. RETURN RADI AT CULDESACS ARE TO BE 20' TO FACE OF CURB. ALL VALLEY GUTTERS ARE TO BE 6" WIDE UNLESS OTHERWISE NOTED.
- ALL WATER AND SEWER MAINS SHALL BE INSTALLED AND CONSTRUCTED TO HAVE A MINIMUM OF 3 HORIZONTAL FEET OF CLEARANCE FROM FINISHED UP OF GUTTER.
- PIPE TRENCHING AND BEDDING AND FIRE HYDRANT INSTALLATIONS SHALL COMPLY WITH THE AFOREMENTIONED STANDARDS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FILL OUT AND SUBMIT A NOTICE OF INTENT (NOI) TO EPA AND HAVE A COPY OF THE POLLUTION PREVENTION PLAN AVAILABLE AT THE JOBSITE PRIOR TO CONSTRUCTION. SEE WEBSITE <http://cfpub.epa.gov/hqdes/stormwater/cgp.cfm>. QUESTIONS REGARDING THIS REQUIREMENT MAY BE REFERRED TO MISHA VAKOC OF EPA AT: (206) 553-6650. CONTRACTOR TO SUBMIT COPIES OF DOCUMENTS TO THE CITY OF TWIN FALLS.
- DEVELOPER WILL PROVIDE ONE SET OF CONSTRUCTION STAKES ONLY. ANY SUBSEQUENT STAKING & COSTS INCURRED WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- TRAFFIC CONTROL & SIGNAGE FOR SUCH SHALL BE INCIDENTAL TO THE CONTRACT AND BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE PROJECT ENGINEER PRIOR TO COMMENCING WORK.

UTILITY SERVICE NOTES:

- ALL WATER AND P.I. SERVICE LOCATIONS TO BE INSTALLED WITH A BURY DEPTH OF 42 INCHES FROM FINISHED GRADE TO STATIONS, OFFSETS, AND ELEVATIONS SHOWN. WHERE OFFSETS ARE NOT GIVEN THE CONTRACTOR SHALL INSTALL THE WATER OR P.I. SERVICE BOX SO THAT THE FACE OF THE RISER IS LOCATED 12" TO 18" FROM BACK OF SIDEWALK. ALL SEWER SERVICES TO BE INSTALLED TO STATIONS AND OFFSETS SHOWN.
- ALL SEWER SERVICE STUBS SHALL BE LOCATED WITH A "T" FENCE POST, PAINTED GREEN. SERVICE STAMPS ON CURB SHALL BE IN ACCORDANCE WITH CITY OF TWIN FALLS STANDARDS.

WATER NOTES:

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH TEN STATES STD'S., THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION, THE UNIFORM PLUMBING CODE, THE CITY OF TWIN FALLS AND ALL OTHER APPLICABLE AGENCIES UNLESS OTHERWISE SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THESE STANDARDS.
- NO OTHER UTILITY LINES MAY BE PLACED IN THE SAME TRENCH WITH WATER LINES.
- ANY CONFLICT WITH EXISTING UTILITIES SHALL BE IMMEDIATELY CALLED TO THE ATTENTION OF THE ENGINEER.
- ALL WATER MAIN SHALL BE AWWA C900, CLASS 150 PIPE AND DISINFECTED IN ACCORDANCE W/ AWWA SPEC. C-601.
- COMPONENTS, MATERIALS AND DISINFECTION CHEMICALS INCORPORATED INTO POTABLE WATER SYSTEM INSTALLATIONS, INCLUDING SERVICE LINES, MUST BE COMPLIANT WITH ANSI/NSF STANDARD 60/61. INCORPORATED MATERIALS SHALL ALSO COMPLY WITH LOW LEAD RULES AND CONTAIN LESS THAT OR EQUAL TO 0.25 PERCENT LEAD BY WEIGHT.
- MAINTAIN 36" OF FINISHED COVER OVER ALL WATER MAINS WHERE POSSIBLE. IN NO CASE SHALL ANY WATER MAIN BE PLACED WITH LESS THAN 30" OF COVER BELOW FINISHED GRADE.
- ALL WATER AND NON-POTABLE MAINS SHALL HAVE A MIN. OF 10' HORIZONTAL SEPARATION. ALL WATER AND NON-POTABLE MAIN CROSSINGS SHALL MAINTAIN 18" MIN. VERT. SEPARATION OR NON-POTABLE MAINS SHALL BE INSTALLED PER MAINLINE SEPARATION DETAIL, SHT. _____. INSTALLATION ORDER SHALL COMPLY WITH NOTE NO. 7 FOR SANITARY SEWER NOTES.
- ALL GATE VALVES SHALL BE RESILIENT WEDGE - AWWA APPROVED.
- GATE VALVES ADJACENT TO TEES AND CROSSSES SHALL BE FLANGE X MJ FITTINGS UNLESS OTHERWISE SHOWN. ALL TEES AND CROSSSES SHALL HAVE FLANGED FITTINGS WHERE GATE VALVES ATTACH UNLESS OTHERWISE SHOWN & MJ FITTINGS FOR PIPE ATTACHMENTS.
- ALL FITTINGS, SERVICE LINES, VALVE BOXES AND LIDS, SHALL BE OF MATERIALS AND CONSTRUCTION APPROVED BY THE CITY OF TWIN FALLS. FLOW-MEASURING DEVICES INTENDED FOR POTABLE USE SHALL BE NSF CERTIFIED PRIOR TO INSTALLATION.
- CONTRACTOR SHALL PROVIDE APPURTENANCES TO PERFORM PRESSURE TEST AND DISINFECTION AS REQUIRED BY STANDARDS.
- CONSTRUCTION SHALL NOT INTERRUPT SERVICE, WITHOUT PRIOR CITY APPROVALS AND PROPER NOTIFICATION. CIRCUMSTANCES MAY REQUIRE TEMPORARY SERVICE FEEDS BE INSTALLED WITHOUT AGENCY REIMBURSEMENT. ANY TEMPORARY SERVICE FEED MUST HAVE PRIOR AGENCY APPROVAL.
- WATER MAINS SHALL BE TESTED FOR PRESENCE OF COLIFORM BACTERIA PRIOR TO BEING PUT INTO SERVICE.
- THRUST BLOCK BEARING AREAS SHALL CONFORM TO THE LATEST ISPCW STANDARDS AND SPECIFICATIONS. (RE: ISPCW STD. DWG. SD-403)

SANITARY SEWER NOTES:

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH TEN STATES STD'S., THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION, THE CITY OF TWIN FALLS AND ALL OTHER APPLICABLE AGENCIES UNLESS OTHERWISE SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THESE STD'S.
- SEWER MAINS ONLY TO BE LAID IN SEWER TRENCHES.
- ALL LATERALS TO BE LAID AT NOT LESS THAN THE MINIMUM SLOPES AS SHOWN IN THE AFOREMENTIONED STANDARDS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER THESE PLANS. ANY ADDITIONS, DELETIONS OR CHANGES SHALL FIRST MEET WITH THE WRITTEN APPROVAL OF THE CONTROLLING AGENCIES.
- ALL TESTING AND INSPECTION SHALL BE IN ACCORDANCE WITH STANDARDS.
- ALL SEWER MAINS AND FITTINGS TO BE CONSTRUCTED OUT OF ASTM 3034-89, SDR 35 PVC PIPE.
- A MINIMUM OF 5 FEET OF HORIZONTAL SEPARATION IS REQUIRED FOR SEWER MAINS LOCATED ABOVE PRESSURE IRRIGATION MAINS AND FOR INSTALLATIONS WHERE AN 18 INCH VERTICAL SEPARATION IS AVAILABLE A 3 FOOT HORIZONTAL SEPARATION IS ALLOWED IF THE SEWER MAIN IS INSTALLED BELOW THE PRESSURE IRRIGATION MAIN. AT CROSSINGS THE ORDER OF MAINS FROM LOWEST TO HIGHEST ELEVATION SHOULD BE AS FOLLOWS: SANITARY SEWER MAIN, PRESSURE IRRIGATION MAIN, AND THEN POTABLE WATER MAIN. A MINIMUM OF 18 INCHES VERTICAL SEPARATION BETWEEN EACH OF THESE UTILITIES SHALL BE PROVIDED (OUTSIDE PIPE TO OUTSIDE PIPE). IF 18" VERT. SEPARATION IS NOT POSSIBLE, SUPPORT TO PREVENT SETTLING AND INSTALL PER WATER SEPARATION NOTES.

IDAPA 58.01.08.542.07 - SEPARATION OF POTABLE, NON-POTABLE, AND RAW WATER PIPELINES

07. SEPARATION OF POTABLE, NON-POTABLE, AND RAW WATER PIPELINES, THE REQUIREMENTS FOR THE PROTECTION OF POTABLE MAINS FROM CONTAMINATION BY NON-POTABLE PIPELINES ARE DESCRIBED IN SUBSECTIONS 542.07.a. THROUGH 542.07.c. FOR THE PURPOSES OF SUBSECTION 542.07, THE TERM "PIPELINE" APPLIES TO BOTH MAINS AND SERVICES. THE DEPARTMENT WILL USE THE MEMORANDUM OF UNDERSTANDING WITH THE PLUMBING BUREAU AS GUIDANCE IN DETERMINING THE RELATIVE RESPONSIBILITIES FOR REVIEWING SERVICE LINES. THE CONDITIONS OF SUBSECTIONS 542.07.a. AND 542.07.b. SHALL APPLY TO ALL POTABLE SERVICES CONSTRUCTED OR RECONSTRUCTED AFTER APRIL 15, 2007 AND WHERE THE DEPARTMENT OR THE QLPF IS THE REVIEWING AUTHORITY. RAW WATER PIPELINES MUST BE PROTECTED FROM CONTAMINATION FROM NON-POTABLE PIPELINES, AND MUST NOT CONTAMINATE POTABLE PIPELINES. THEY SHALL THEREFORE MEET EQUIVALENT SEPARATION DISTANCES SHOWN BELOW FROM EITHER POTABLE OR NON-POTABLE PIPELINES. (4-4-13)

- PARALLEL INSTALLATION REQUIREMENTS. (5-8-09)
- POTABLE MAINS IN RELATION TO NON-POTABLE MAINS. (5-8-09)
- GREATER THAN TEN (10) FEET SEPARATION: NO ADDITIONAL REQUIREMENTS. (4-4-13)
- TEN (10) FEET TO SIX (6) FEET SEPARATION: SEPARATE TRENCHES, WITH THE BOTTOM OF THE POTABLE MAIN ABOVE THE TOP OF THE NON-POTABLE MAIN, AND NON-POTABLE MAIN CONSTRUCTED WITH POTABLE WATER CLASS PIPE. (4-4-13)
- LESS THAN SIX (6) FEET SEPARATION: DESIGN ENGINEER TO SUBMIT DATA TO THE DEPARTMENT FOR REVIEW AND APPROVAL SHOWING THAT THIS INSTALLATION WILL PROTECT PUBLIC HEALTH AND THE ENVIRONMENT, NON-POTABLE MAIN TO BE CONSTRUCTED OF POTABLE WATER CLASS PIPE, AND WITH THE BOTTOM OF THE POTABLE MAIN ABOVE THE TOP OF THE NON-POTABLE MAIN. (4-4-13)

- NON-POTABLE MAINS ARE PROHIBITED FROM BEING LOCATED IN THE SAME TRENCH AS POTABLE MAINS. (3-30-07)
- PRESSURE WASTEWATER MAINS OR OTHER PRESSURIZED MAINS OR LINES CONTAINING NON-POTABLE FLUIDS SHALL BE NO CLOSER HORIZONTALLY THAN TEN (10) FEET FROM POTABLE MAINS. (4-7-11)

ii. NEW POTABLE SERVICES IN RELATION TO NON-POTABLE SERVICES, NEW POTABLE SERVICES IN RELATION TO NON-POTABLE MAINS, AND NEW NON-POTABLE SERVICES IN RELATION TO POTABLE MAINS. (5-8-09)

- GREATER THAN SIX (6) FEET SEPARATION: NO ADDITIONAL REQUIREMENTS BASED ON SEPARATION DISTANCE. (5-8-09)
- LESS THAN SIX (6) FEET SEPARATION: DESIGN ENGINEER TO SUBMIT DATA THAT THIS INSTALLATION WILL PROTECT PUBLIC HEALTH AND THE ENVIRONMENT AND NON-POTABLE SERVICE CONSTRUCTED WITH POTABLE WATER CLASS PIPE. (5-8-09)
- NEW POTABLE SERVICES ARE PROHIBITED FROM BEING LOCATED IN THE SAME TRENCH AS NON-POTABLE MAINS OR NON-POTABLE SERVICES. (5-8-09)

b. REQUIREMENTS FOR POTABLE WATER MAINS OR SERVICES CROSSING NON-POTABLE WATER MAINS OR SERVICES. (4-4-13)

- IF THERE IS EIGHTEEN (18) INCHES OR MORE VERTICAL SEPARATION WITH THE POTABLE WATER PIPELINE ABOVE THE NON-POTABLE PIPELINE, THEN THE POTABLE PIPELINE JOINTS MUST BE AS FAR AS POSSIBLE FROM THE NON-POTABLE WATER PIPELINE. (4-7-11)
- IF THERE IS EIGHTEEN (18) INCHES OR MORE VERTICAL SEPARATION WITH THE POTABLE WATER PIPELINE BELOW THE NON-POTABLE PIPELINE, THEN THE POTABLE PIPELINE JOINTS MUST BE AS FAR AS POSSIBLE FROM THE NON-POTABLE PIPELINE, AND THE NON-POTABLE PIPELINE MUST BE SUPPORTED THROUGH THE CROSSING TO PREVENT SETTLING. (4-7-11)

iii. LESS THAN EIGHTEEN (18) INCHES VERTICAL SEPARATION: (5-8-09)

- POTABLE PIPELINE JOINT TO BE AS FAR AS POSSIBLE FROM THE NON-POTABLE PIPELINE; AND EITHER: (5-8-09)

(a) NON-POTABLE PIPELINE CONSTRUCTED WITH POTABLE WATER CLASS PIPE FOR A MINIMUM OF TEN (10) FEET EITHER SIDE OF POTABLE PIPELINE WITH A SINGLE TWENTY (20) FOOT SECTION OF POTABLE WATER CLASS PIPE CENTERED ON THE CROSSING; OR (5-8-09)

(b) SLEEVE NON-POTABLE OR POTABLE PIPELINE WITH POTABLE WATER CLASS PIPE FOR TEN (10) FEET EITHER SIDE OF CROSSING. USE OF HYDRAULIC CEMENTITIOUS MATERIALS SUCH AS CONCRETE, CONTROLLED DENSITY FILL, AND CONCRETE SLURRY ENCASEMENT IS NOT ALLOWED AS A SUBSTITUTE FOR SLEEVING. (5-8-09)

(2) IF POTABLE PIPELINE IS BELOW NON-POTABLE PIPELINE, THE NON-POTABLE PIPELINE MUST ALSO BE SUPPORTED THROUGH THE CROSSING TO PREVENT SETTLING. (5-8-09)

iv. PRESSURE WASTEWATER MAINS OR OTHER PRESSURIZED MAINS OR LINES CONTAINING NON-POTABLE FLUIDS SHALL BE NO CLOSER VERTICALLY THAN EIGHTEEN (18) INCHES FROM POTABLE MAINS. (4-7-11)

c. EXISTING POTABLE SERVICES IN RELATION TO NEW NON-POTABLE MAINS, EXISTING NON-POTABLE SERVICES IN RELATION TO NEW POTABLE MAINS, AND EXISTING POTABLE SERVICES IN RELATION TO NEW NON-POTABLE SERVICES SHALL MEET THE REQUIREMENTS OF SUBSECTION 542.07.b., WHERE PRACTICAL, BASED ON COST, CONSTRUCTION FACTORS, AND PUBLIC HEALTH SIGNIFICANCE. IF THE DEPARTMENT DETERMINES THAT THERE ARE SIGNIFICANT HEALTH CONCERNS WITH THESE SERVICES, SUCH AS WHERE A LARGE EXISTING SERVICE SERVES AN APARTMENT BUILDING OR A SHOPPING CENTER, THEN THE DESIGN SHALL CONFORM WITH SUBSECTION 542.07.b. (5-8-09)

WATER MAIN DISINFECTION NOTES:

- CLEAN AND DISINFECT WATER-DISTRIBUTION PIPING AS FOLLOWS:
 - PURGE NEW WATER-DISTRIBUTION PIPING SYSTEMS AND PARTS OF EXISTING SYSTEMS THAT HAVE BEEN ALTERED, EXTENDED OR REPAIRED BEFORE USE.
 - USE PURGING AND DISINFECTING PROCEDURE PRESCRIBED BY AUTHORITIES HAVING JURISDICTION OR IF METHOD IS NOT PRESCRIBED BY AUTHORITIES HAVING JURISDICTION, USE PROCEDURE PRESCRIBED IN NFPA 24 FOR FLUSHING OF PIPING. FLUSH PIPING SYSTEM WITH CLEAN, POTABLE WATER UNTIL DIRTY WATER DOES NOT APPEAR AT POINTS OF OUTLET.
 - USE PURGING AND DISINFECTING PROCEDURE PRESCRIBED BY AUTHORITIES HAVING JURISDICTION OR, IF METHOD IS NOT PRESCRIBED BY AUTHORITIES HAVING JURISDICTION, USE PROCEDURE DESCRIBED IN AWWA C651 OR DO AS FOLLOWS:
 - FILL SYSTEM OR PART OF SYSTEM WITH WATER/CHLORINE SOLUTION CONTAINING AT LEAST 50 PPM OF CHLORINE; ISOLATE AND ALLOW TO STAND FOR 24 HOURS.
 - AFTER STANDING TIME, FLUSH SYSTEM WITH CLEAN, POTABLE WATER UNTIL NO CHORINE REMAINS IN WATER COMING FROM SYSTEM.
 - SUBMIT WATER SAMPLES IN STERILE BOTTLES TO AUTHORITIES HAVING JURISDICTION, ONE SAMPLE AFTER FLUSHING AND A SECOND ONE 24HOURS AFTER FIRST SAMPLE IS COLLECTED. REPEAT PROCEDURE IF BIOLOGICAL EXAMINATION SHOWS EVIDENCE OF CONTAMINATION.
- PREPARE REPORTS OF PURGING AND DISINFECTING ACTIVITIES.

FLUSHING NOTE: FLUSHING SHALL OCCUR FROM <INSERT FLUSHING SOURCE HERE> AND BE CARRIED IN A FIRE HOSE TO THE <INSERT DISPOSAL LOCATION HERE>. UNDER NO CIRCUMSTANCE SHALL FLUSHING WATER BE ALLOWED TO ENTER WATERS OF THE US.

LEGEND:

PROPOSED	EXISTING
PROPERTY BOUNDARY	PROPERTY BOUNDARY
ROADWAY CENTERLINE	ROADWAY CENTERLINE
EASEMENT LINE	EASEMENT LINE
WATER LINE	WATER LINE
8"W	8"W
8"SS	8"SS
6"SD	6"SD
4"PI	4"PI
8"GI	8"GI
TV	TV
F/O	F/O
T	T
OHP	OHP
P	P
G	G
STANDARD CURB & GUTTER	STANDARD CURB & GUTTER
ROLLED CURB & GUTTER	ROLLED CURB & GUTTER
SIDEWALK	SIDEWALK
EDGE OF ASPHALT	EDGE OF ASPHALT
SEWER SERVICE	SEWER SERVICE
WATER SERVICE	WATER SERVICE
IRRIGATION SERVICE	IRRIGATION SERVICE
CLEAN-OUT	CLEAN-OUT
BLOW-OFF ASSEMBLY	BLOW-OFF ASSEMBLY
AIR-INJECTION ASSEMBLY	AIR-INJECTION ASSEMBLY
FIRE HYDRANT	FIRE HYDRANT
MANHOLE	MANHOLE
IRRIGATION BOX	IRRIGATION BOX
CATCH BASIN	CATCH BASIN
CURB INLET	CURB INLET
VALVE	VALVE
GAS METER	GAS METER
TELEPHONE RISER	TELEPHONE RISER
WELL	WELL
POWER POLE	POWER POLE
GUY ANCHOR	GUY ANCHOR
SIGN	SIGN
STREET LIGHT	STREET LIGHT
MAILBOX	MAILBOX
SECTION LINE	SECTION LINE
SECTION QUARTER LINE	SECTION QUARTER LINE
SECTION SIXTEENTH LINE	SECTION SIXTEENTH LINE
GOVERNMENT LOT LINE	GOVERNMENT LOT LINE
SET 5/8" x 24" REBAR & CAP (LS _____)	SET 5/8" x 24" REBAR & CAP (LS _____)
FOUND 5/8" REBAR & CAP	FOUND 5/8" REBAR & CAP
SET 1/2" x 24" REBAR & CAP (LS _____)	SET 1/2" x 24" REBAR & CAP (LS _____)
FOUND 1/2" REBAR & CAP	FOUND 1/2" REBAR & CAP
FOUND BRASS CAP RWM	FOUND BRASS CAP RWM
FOUND GLO BRASS CAP	FOUND GLO BRASS CAP
FOUND BORDER	FOUND BORDER
SECTION QUARTER CORNER	SECTION QUARTER CORNER
SECTION CORNER	SECTION CORNER

SHEET INDEX:

DESCRIPTION	SHEET NO.
CIVIL NOTES	C-001
SITE PLAN	C-101

PROJECT BENCHMARK:

CITY OF TWIN FALLS HYDRANT NO. 3831 - 2932,
WEST BOLT ON FIRE HYDRANT 190' NORTHEAST OF 5TH AND SHOSHONE,
BOLT ELEVATION = 3748.10

DRAINAGE CALCULATIONS:

STORM WATER RETENTION AREA 12,500 SF	10,998 * 1.6/12 * 0.95 =	1,393 cf
BUILDING IMPERVIOUS	1,502 * 1.6/12 * 0.25 =	50 cf
LANDSCAPING		
TOTAL RETENTION REQUIRED =		1,443 cf
DIMENSION OF STORM WATER CONTAINMENT WELLS	55' * 4.5' * 4' =	990 cf
	97' * 2.5' * 2' =	485 cf
TOTAL RETENTION AVAILABLE		1,475 cf

VICINITY SKETCH:



ABBREVIATIONS:

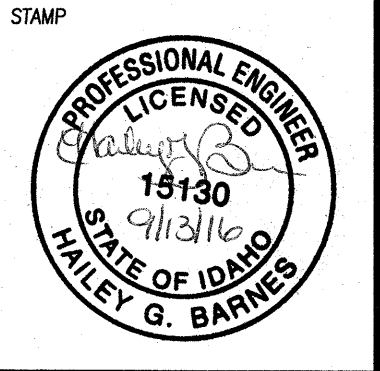
AB AS-BUILT	PC POINT OF CURVATURE
ADDL ADDITIONAL	PI POINT OF INTERSECTION
APPR. A.A APPROACH	PIRR or PI PRESSURE IRRIGATION
BM BENCH MARK	POC POINT ON CURVE
CB CATCH BASIN	PT POINT OF TANGENCY
CBU CLUSTER BOX UNIT	RP RADIUS POINT
CL or C CENTER LINE	RT RIGHT
COTE CITY OF TWIN FALLS	REQ'D REQUIRED
CONST CONSTRUCT	RW RESILIENT WEDGE
CF CUBIC FEET	ROW or R/W RIGHT OF WAY
CY CUBIC YARD	SF SQUARE FOOT
DW or D/W DRIVEWAY	S SLOPE
DWG DRAWING	SD STORM SEWER
EA or EOA EDGE OF ASPHALT	SS SANITARY SEWER/SEWER SERVICE
EL or ELEV ELEVATION	STA STATION
FOC FACE OF CURB	STD STANDARD
TA TOP OF ASPHALT	TBM TEMPORARY BENCH MARK
FL FLOW LINE	TCC TOP OF CONCRETE
GB GRADE BREAK	TBC, TOC, TC TOP OF CURB (VERT, HIGHBACK, STD)
GI or GIRR GRAVITY IRRIGATION	TRC TOP OF ROLLED CURB
INT INTERSECTION	TRANS TRANSITION
INV INVERT	TFCC TWIN FALLS CANAL COMPANY
IRR IRRIGATION/IRRIGATION SERVICE	TPC TYPICAL
ISPCW IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION	VC VERTICAL CURVE
LF LINEAR FOOT	VPC VERTICAL POINT OF CURVATURE
LG UP OF GUTTER	VPI VERTICAL POINT OF INTERSECTION
LT LEFT	VPT VERTICAL POINT OF TANGENCY
MH MANHOLE	WL WATERLINE
N/A NOT APPLICABLE	WM WATER METER
NTS NOT TO SCALE	

EHM Engineers, Inc.
BUILDING THE FUTURE ON A FOUNDATION OF EXCELLENCE
Engineers / Surveyors / Planners
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P (208) 734-4888 fax (208) 734-6049 web: ehinc.com

GENERAL NOTES
for
GEMSTONE CLIMBING CENTER

REVISIONS
A -

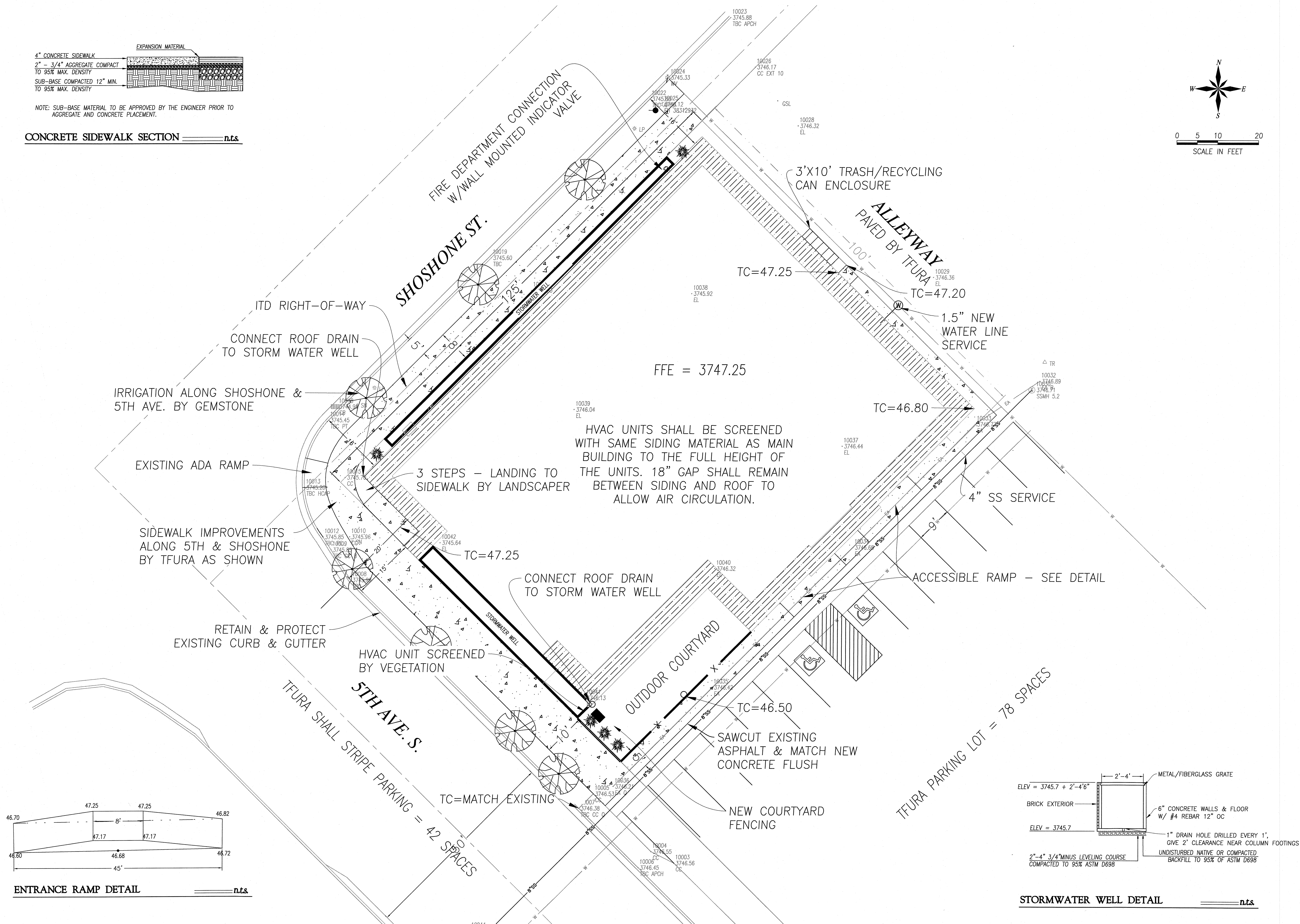
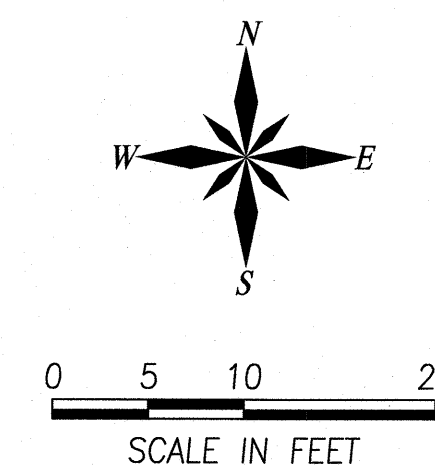
DO NOT SCALE DRAWINGS
CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE AND NOTIFY THE ENGINEER OF ANY DIMENSIONAL ERRORS, OMISSIONS, OR DISCREPANCIES BEFORE BEGINNING OR FABRICATING ANY WORK.



APPROVED	HGB
DESIGN	HGB
DRAWN	HGB
DATE	9/1/16
SCALE	AS SHOWN
DWG. #B2-15CIVIL SITE1-29	
SHEET	C-001



CONCRETE SIDEWALK SECTION n.t.s.



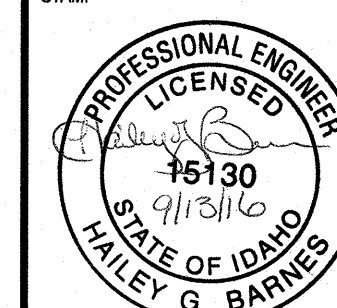
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SITE CIVIL PLAN
for
GEMSTONE CLIMBING CENTER

REVISION
1 -

DO NOT SCALE DRAWINGS
CONTRACTOR SHALL VERIFY ALL
CONDITIONS AND DIMENSIONS AT
THE JOB SITE AND NOTIFY THE
ENGINEER OF ANY DIMENSIONAL
ERRORS, OMISSIONS, OR DIS-
CREPANCIES BEFORE BEGINNING
OR FABRICATING ANY WORK.

STAN



APPROVED	HGB
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DESIGN	HGR
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DRAWN HGB

DATE 9/1/16

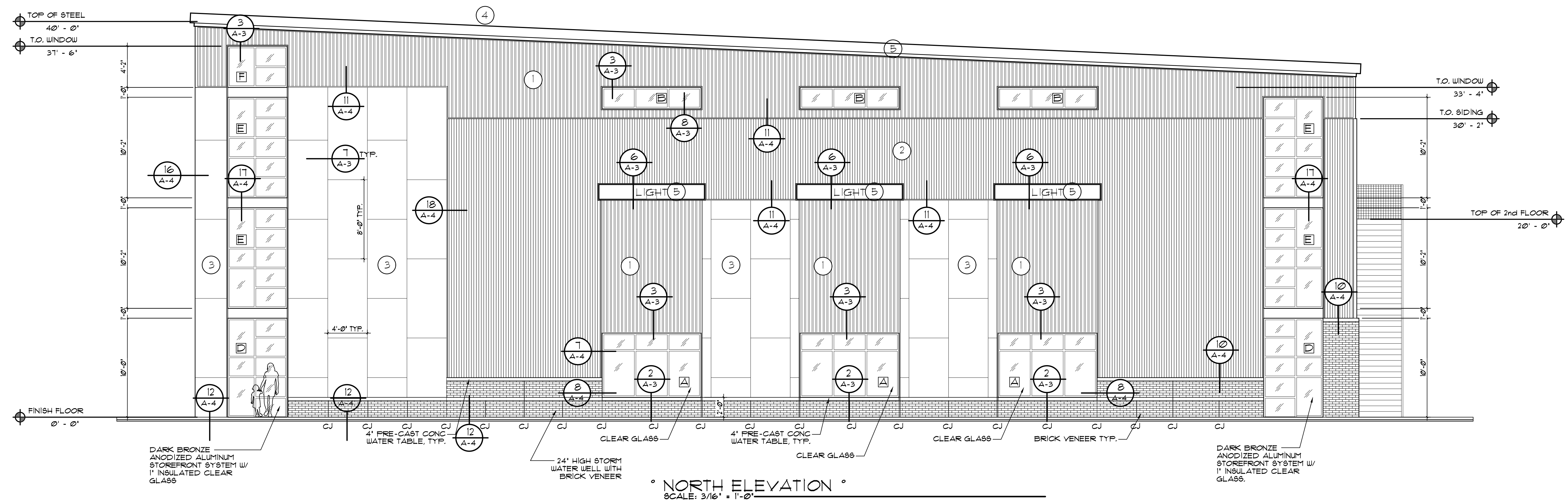
SCALE AS SHOWN

DWG. NO. 2-15CIVIL SITE1-29

SHEET

C-101

_____ of _____

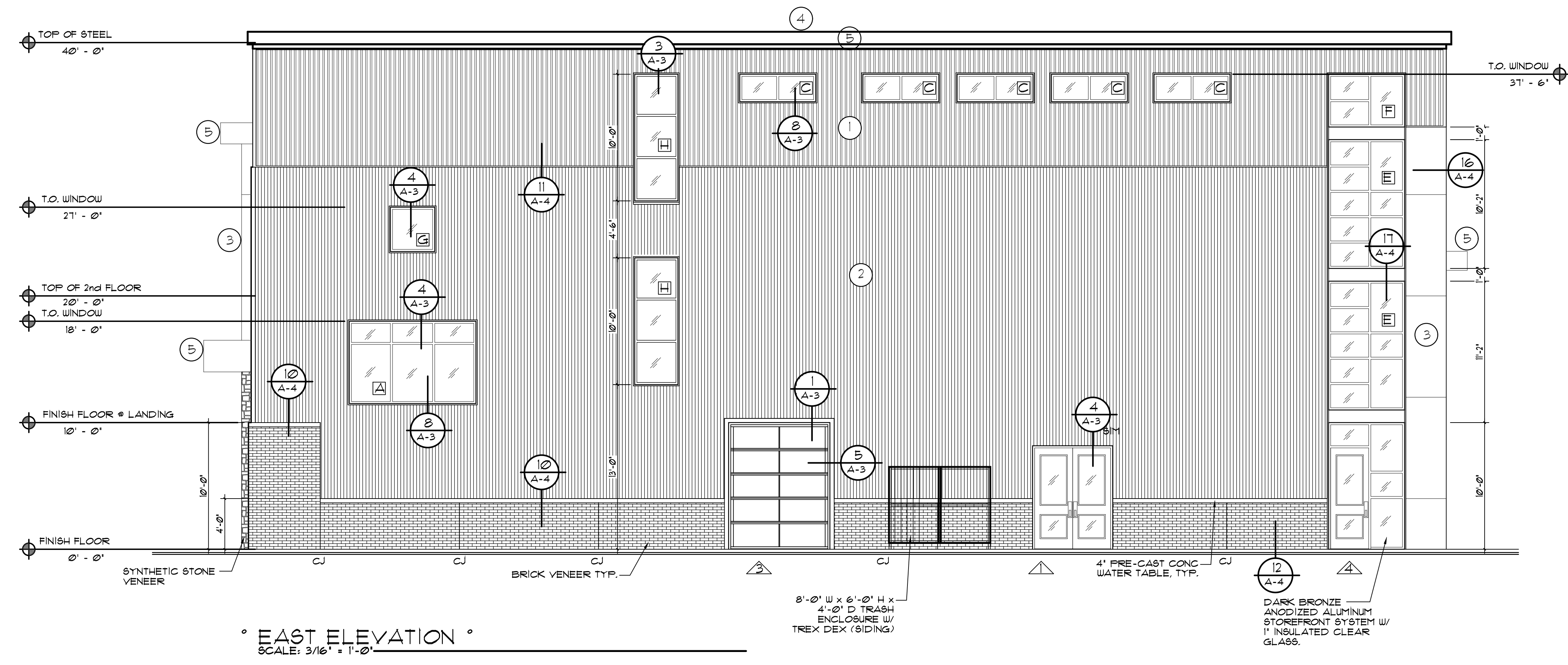


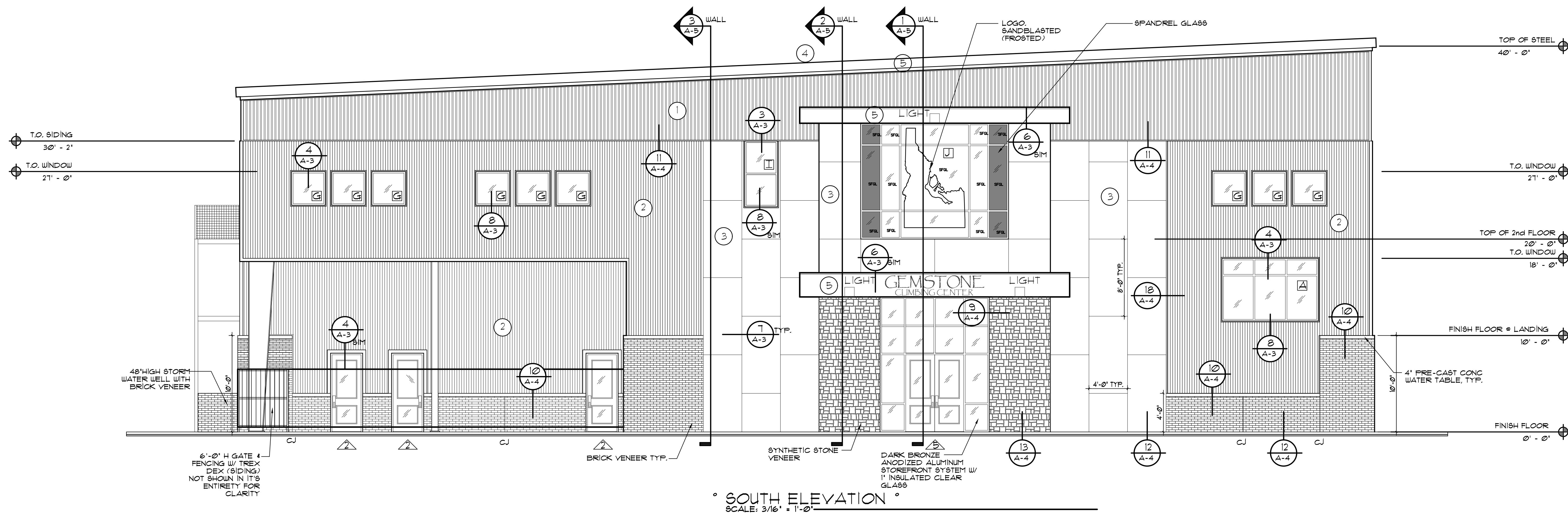
PRE-FINISHED METAL PANEL SCHEDULE:

- ① 24 GA 1/8" CORRUGATED METAL SIDING BY METAL SALES.
COLOR: OLD ZINC GREY
- ② 24 GA 1C12 WALL PANEL BY METAL SALES.
COLOR: ASH GREY
- ③ 12 GA A96 WALL PANELS
SANDBLASTED
- ④ 24 GA 2-3/8" T-ARMOR ROOF PANELS BY METAL SALES.
COLOR: WEATHERED COPPER
- ⑤ 24 GA FLAT STOCK PANELS BY METAL SALES.
COLOR: WEATHERED COPPER

ANODIZED ALUMINUM

DESIGN STANDARD:
ALUMINUM STOREFRONT WINDOW SYSTEM:
KAUFEER TRIFAB VERBAGLAZE 4811; DARK BRONZE
ALUMINUM STOREFRONT ENTRY SYSTEM:
KAUFEER 350 TUFLINE; DARK BRONZE
GLAZING:
1" INSULATED GLASS; BRONZE TINTED





PRE-FINISHED METAL PANEL SCHEDULE:

- ① 24 GA 1/8" CORRUGATED METAL SIDING BY METAL SALES.
COLOR: OLD ZINC GREY
- ② 24 GA IC12 WALL PANEL BY METAL SALES.
COLOR: ASH GREY
- ③ 12 GA A36 WALL PANELS
SANDBLASTED
- ④ 24 GA 2-3/8" T-ARMOR ROOF PANELS BY METAL SALES.
COLOR: WEATHERED COPPER
- ⑤ 24 GA FLAT STOCK PANELS BY METAL SALES.
COLOR: WEATHERED COPPER

ANODIZED ALUMINUM

DESIGN STANDARD:
ALUMINUM STOREFRONT WINDOW SYSTEM;
KAUFEER TRIFAB VERSAGLAZE 451T; DARK BRONZE
ALUMINUM STOREFRONT ENTRY SYSTEM;
KAUFEER 350 TURFLINE; DARK BRONZE
GLAZING;
1" INSULATED GLASS; BRONZE TINTED

