TOWN OF TELLURIDE
P. O. Box 397 Tel.: (970) 728-2173
113 West Columbia Ave. Fax: (970) 728-9645
Telluride, CO 81435

TELLURIDE TOWN PARK LAP POOL RESURFACING & TILE REPLACEMENT PROJECT REQUEST FOR PROPOSALS

A. INTRODUCTION: The Town of Telluride is seeking proposals for resurfacing the Lap Pool and replacing tile in both the Lap Pool and Rec Pool in the Town of Telluride's Town Park.

B. PROJECT BACKGROUND:

There are two separate pools in Town Park:

- Lap Pool
  - 25-yard 6 lane pool with depths ranging from 4 to 7 feet
  - Constructed in 2015
- Rec Pool
  - 1,800 square feet with depths ranging from 0 to 3.5 feet
  - Constructed in 2017, resurfaced with INTER-GLASS in 2023

Construction documents are attached.

C. PROJECT DESCRIPTION:

The project consists of the following components:

1. Resurfacing the Lap Pool with INTER-GLASS in the color white

2. Tile Work (Lap Pool and Rec Pool):

   a. Lap Pool:
      i. Targets, and any other end line tile below water line, must be replaced to maintain length certification. Traditional grout lines between tiles must be finished with INTER-GLASS. Existing tiles in these locations may not be covered up.
      ii. All floor and side wall tile below the water line may be covered rather than replaced. Traditional grout lines between tiles must be finished with INTER-GLASS.
      iii. All tile above the waterline must be replaced and grout lines must be INTER-GLASS.

   b. Rec Pool:
      i. All tile above the waterline must be replaced and grout lines must be INTER-GLASS.

The submitter should be familiar with and consider issues, such as weather and climate at 8,750 feet elevation.

D. PROJECT SCOPE: This work consists of providing all labor, equipment, materials and services necessary for resurfacing and tile replacement. Please familiarize yourself with the site and existing conditions.

Specific work components include the following:

1. Site mobilization, including full compliance with the Town's Construction Mitigation Plan (attached)
2. Site preparation
3. Resurfacing the Lap Pool
4. Tile work in Lap Pool and Rec Pool
5. Job-site cleanup
6. Warranty: Provide twenty-five (25) year warranty on the INTERGLASS and one (1) year warranty covering all workmanship, materials, and equipment
7. Bonding (payment & performance)

E. PROJECT SCHEDULE: It is the Town's objective to complete this project immediately prior to, or following, the 2026 pool season. The Lap Pool opens on May 18, 2026 and the Recreation Pool opens on May 28, 2026. Both pools close on August 24, 2026. Please submit a proposed schedule for review. Final schedule to be determined and agreed upon by the Town and the selected firm.

F. PROPOSAL REQUIREMENTS: The Town of Telluride will receive sealed bid and qualifications no later than **3:00 p.m. MT on Friday, January 30, 2026.**

Submittals should be emailed to:

Stephanie Jaquet, Telluride Parks and Recreation Director
sjaquet@telluride.gov

For inquiries or information, please contact Stephanie Jaquet at:

Telephone #: (970) 728-5359
Email: sjaquet@telluride.gov

Proposals shall include those materials necessary to demonstrate the expertise of the proposing firm. Please include the following information:

1. Name and address of responsible firm;
2. Identification of any subcontractors assigned to the project;
3. Qualifications, references, and examples of similar work completed in the last 5 years;
4. Project approach;
5. Proposed project schedule;
6. Fee for services;
7. Proof of bonding capability (see Section G); and
8. Proof of liability insurance (see Section H)

* Fee for services: Include a not-to-exceed price based on scope of work described above. Price qualifications shall include a breakout of the main facets of the work with the estimated number of hours and dollars associated. Also include the estimated number of hours and dollars associated with any potential additions to the project that you might foresee, as well as a schedule of hourly rates for the members of the team. All fees will be considered by the Town to be negotiable based on the final scope of

services and deliverables. The Town reserves the right to revise the Scope of Work through the negotiating process.

Proposals must be signed by a duly authorized official of the firm.

G. PAYMENT / PERFORMANCE BOND: The selected respondent is expected at the time of executing the agreement to obtain and maintain in full force and effect during the term of the construction contract, until final substantial completion, Performance and Payment Bonds, in the amount of the contract sum to be held for the benefit of the Town of Telluride.

H. LIABILITY INSURANCE REQUIREMENTS:

1. Workers Compensation (as required by Colorado State Law)

2. Comprehensive General Liability
   Limits: $1,000,000 per occurrence for Bodily Injury
   $1,000,000 per occurrence for Property Damage
   $2,000,000 aggregate
   Coverage extended:
   - Premises - Operations
   - Independent Contractors
   - Contractual Liability (to cover hold harmless)
   - Completed Operations - Two Years
   - Broad Form Property Damage
   - X-C-U (explosion / collapse and underground)
   - Personal Injury Coverage:
     Contractor's Employee
     Person other than employee

3. Automobile Liability:
   Limits: $1,000,000 per person
   $1,000,000 per occurrence
   $1,000,000 per occurrence for property damage

4. Selected respondent will be required to submit a policy endorsement naming the Town of Telluride, Colorado, as an additional insured.

I. TELLURIDE BUSINESS LICENSE REQUIREMENTS: Selected respondent and all subcontractors will be required to obtain a Telluride Business License.

J. EQUAL OPPORTUNITY EMPLOYER: Selected respondent and all subcontractors will not discriminate against any employee or applicant for employment because of race, color, religion, age, sex, sexual orientation, disability or national origin. Selected respondent shall be in compliance with the applicable provisions of the American with Disabilities Act of 1990 as enacted and from time to time amended and any other applicable federal, state, or local laws and regulations.

K. REJECTION OF SUBMISSIONS: The Town reserves the right to reject any or all submissions, to waive informalities and irregularities in the submissions received, and accept any portion of any submission if deemed in the best interest of the Town.

L. OWNERSHIP OF RESPONSE MATERIAL: All materials submitted regarding this RFP become the property of the Town of Telluride and will only be returned at the option of the Town. Any restriction on the use of data contained within the submission must be clearly stated in the submission itself. Proprietary information will be handled in accordance with Colorado Open Records Act.

M. INCURRING COST: The Town is not liable for any cost incurred by entities prior to executing a contract.

N. SELECTION: Final selection will be based upon qualifications, fees, ability to schedule and perform project, submittal requirements, references, and other applicable criteria under the Town's Procurement Code (Telluride Municipal Code, Section 4-6-10). Please note that low bid is not necessarily determinative of award of the contract.

O. DOCUMENTS ATTACHED (electronic only):

1. Construction Documents
    - Lap Pool
    - Rec Pool
2. Construction Mitigation Plan Manual
3. Work Hours

PERMIT SUBMISSION AUGUST 22, 2014

TOWN PARK RESTROOMS/ SHOWER FACILITY

500 EAST COLORADO AVENUE TELLURIDE, COLORADO

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVENUE | ASPEN, COLORADO 81611 | TEL: 970.925.5590 | FAX: 970.925.4557

CVR

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. | ASPEN, CO 81611 | TEL: 970.925.5590 | FAX: 970.920.4557

RESTROOMS/ SHOWER FACILITY

500 EAST COLORADO AVE
TELLURIDE, COLORADO

ARCHITECTURAL ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	EW	EACH WAY	LT	LIGHT	SECT	SECTION
ACCOUS	ACOUSTICAL	ELECT	ELECTRICAL	MFR	MANUFACTURER	SEW	SEWER
ADD	ADDENDA, ADDENDUM	EC	ELECTRICAL CONTRACTOR	MATL	MATERIAL	SHT	SHEET
ADJ	ADJACENT	EL	ELEVATION	MO	MASONRY OPENING	SVF	SHEET VINYL FLOORING
AGGR	AGGREGATE	ENGR	ENGINEER	MTL	METAL	SHLV	SHELV (ES) (INGS)
ALT	ALTERNATE	EQ	EQUAL	MAX	MAXIMUM	SIM	SIMILAR
ALUM	ALUMINUM	EXG	EXISTING	MECH	MECHANICAL	SL	SLIDING
APPD	APPROVED	EJ	EXPANSION JOINT	MC	MECHANICAL CONTRACTOR	STC	SOUND-TRANSMISSION CLASS
APPROX	APPROXIMATE	EXP	EXPOSED	MED	MEDIC. (INE) (AL)	SPEC	SPECIFICATION
ARCH	ARCHITECT (URAL)	EXT	EXTERIOR	MIN	MINIMUM	SQ	SQUARE
ASAP	AS SOON AS POSSIBLE	FO	FACE OF	MISC	MISCELLANEOUS	SF	SQUARE FEET
BBR	BASEBOARD RADIATION	FIN	FINISH	NOM	NOMINAL	SS	STAINLESS STEEL
BM	BEAM	FP	FIREPROOF	NIC	NOT IN CONTRACT	STD	STANDARD
BRG	BEARING	FPL	FIREPLACE	NA	NOT APPLICABLE	STL	STEEL
BFF	BELOW FINISHED FLOOR	FIXT	FIXTURE	NTS	NOT TO SCALE	STRUCT	STRUCTURAL
BET	BETWEEN	FLR	FLOOR	OC	ON CENTER	SUB	SUBSTITUTE
BLK	BLOCK	FD	FLOOR DRAIN	OPG	OPENING	SUPPL	SUPPLEMENT
BSMT	BASEMENT	FT	FOOT, FEET	OPP	OPPOSITE	S4S	SURFACED FOUR SIDES
BTU	BRITISH THERMAL UNIT(S)	FTG	FOOTING	ORN	ORNAMENTAL	SUSP	SUSPENDED)
BD	BOARD	FDN	FOUNDATION	OPH	OPPOSITE HAND	TEL	TELEPHONE
BS	BOTH SIDES	FURN	FURNISH	OD	OUTSIDE DIAMETER	TV	TELEVISION
BO	BOTTOM OF	GAL	GALLON	PTN	PARTITION	TEMP	TEMPERED
BLDG	BUILDING	GA	GAUGE	d	PENNY (NAILS, ECT.)	THK	THICK
CAB	CABINET	GALV	GALVINIZED	PERF	PERFORATE(D)	TLT	TOILET
CL,C	CENTER LINE	GC	GENERAL CONTRACTOR	PLAST	PLASTER	T&G	TONGUE AND GROOVE
CLG	CEILING	GL	GLASS, GLAZED	PLAS	PLASTIC	T&B	TOP AND BOTTOM
CER	CERAMIC	GR	GRADE	PL	PLATE	TO	TOP OF
CLR	CLEAR	GYP	GYPSUM	PLEX	PLEXIGLASS	T	TREAD
CLO	CLOSET	GWB	GYPSUM WALLBOARD	PLMB	PLUMBING	TYP	TYPICAL
CLD	CLOTHES DRYER	HDW	HARDWARE	PLY	PLYWOOD	UG	UNDERGROUND
CLW	CLOTHES WASHER	HD	HEAD	PROJ	PROJECT	UNGL	UNGLAZED
COL	COLUMN	HVAC	HEATING, VENTING, AND AIR CONDITIONING	PROP	PROPERTY	UNFIN	UNFINISHED
CONC	CONCRETE			QT	QUARRY TILE	U.N.O.	UNLESS NOTED OTHERWISE
CJ	CONSTRUCTION JOINT	HORIZ	HORIZONTAL	QTY	QUANTITY	U.O.N.	UNLESS OTHERWISE NOTED
CONT	CONTINUOUS	HP	HORSE POWER	R	RADIUS	UBC	UNIFORM BUILDING CODE
COORD	COORDINATE	HWH	HOT WATER HEATER	RD	ROOF DRAIN	VIF	VERIFY IN FIELD
CTR	COUNTER	HT	HEIGHT	RM	ROOM	VERT	VERTICAL
C/S	COUNTER SINK	INCL	INCLUDE (D) (INGS)	RS	ROUGH SAWN	VCT	VINYL COMPOSITION TILE
CF	CUBIC FEET	INFO	INFORMATION	RCB	RESILIENT COVE BASE	V	VOLT
DP	DAMPROOFING	INSP	INSPECTOR, INSPECTION	RW	RETAINING WALL	WH	WATER HEATER
DEPT	DEPARTMENT	ID	INSIDE DIAMETER	REF	REFER	WC	WATER CLOSET
DTL	DETAIL	INSUL	INSULATION	REFR	REFRIGERATOR	WP	WATERPROOF
DIA Ø	DIAMETER	INT	INTERIOR	REINF	REINFORCE (D)	WT	WEIGHT
DIM	DIMENSION	JT	JOINT	RFBAR	REINFORCING BAR (S)	WWF	WELDED WIRE FABRIC
DW	DISHWASHER	JCT	JUNCTION	RESIL	RESILIENT	WDW	WINDOW
DN	DOWN	KWH	KILOWATT HOUR	REQD	REQUIRED	W/	WITH
DR	DRAIN	LAB	LABORATORY	R	RISER	W/O	WITHOUT
DWG	DRAWING	LAM	LAMINATE (D)	RO	ROUGH OPENING	WD	WOOD
EA	EACH	LAV	LAVATORY	SAN	SANITARY	WKG	WORKING

ARCHITECTURAL SYMBOLS

SYMBOL LEGEND

- 98.2 — SPOT ELEVATION
- TO.PLATE EL = 110'-0" — TOP OF PLATE
- TO.PLYWOOD EL = 100'-0" — TOP OF FLOOR ELEVATION
- NEW CONTOUR
- EXISTING CONTOUR
- CENTER LINE
- HIDDEN LINE
- SETBACK LINE
- BREAK LINE
- PROPERTY LINE
- 3 / A9.1 — DETAIL NUMBER / SHEET NUMBER
- C / A4.1 — BUILDING SECTION / SHEET NUMBER
- 2 / A5.1 — WALL SECTION / SHEET NUMBER
- KITCHEN 107 — ROOM NAME / ROOM NUMBER
- 16 — WINDOW NUMBER
- 3 — DOOR NUMBER
- A D 2 A8.1 B C — INTERIOR ELEVATION / SHEET NUMBER
- 1 / A3.1 — EXTERIOR ELEVATION / SHEET NUMBER
- 2 — REVISIONS
- 5 — KEYNOTE
- MATCH LINE
- PROJECT NORTH
- TRUE NORTH

PLAN & SECTION MATERIAL INDICATIONS

EARTH
- COMPACTED FILL
- POROUS FILL
- UNDISTURBED FILL
- ROCK

CONCRETE
- CAST
- GROUT, LIGHTWEIGHT CONCRETE

MASONRY
- CONCRETE BLOCK
- BRICK
- STONE
- GLASS BLOCK

METAL
- STEEL

INSULATION
- BATT
- RIGID

WOOD
- FINISH
- ROUGH
- BLOCKING
- GLU-LAM
- PLYWOOD

THERMAL ENVELOPE NOTES

1. IT IS THE INTENT OF THESE CONSTRUCTION DOCUMENTS TO COMPLY WITH ALL OF THE REQUIREMENTS OF THE TOWN OF TELLURIDE ORDINANCE NO. 1331 SERIES 2010, AMMENDING ARTICLE 15 "BUILDING CODES", TO EFFECT GREEN BUILDING STANDARDS.
2. THE TOWN OF TELLURIDE HAS ADDOPED THE IECC 2009 EDITION WITH AMMENDMENTS AS FOLLOWS:
3. THE REQUIRED MINIMUM THERMAL VALUES OF THE VARIOUS INSULATING COMPONENTS OF THE THERMAL ENVELOPE SHALL BE AS FOLLOWS:

A.	WINDOW U-FACTOR:	U-FACTOR OF 0.35
B.	EXTERIOR DOORS R-VALUE:	& 3 CFM OR LESS AIR LEAKAGE R-VALUE 2.86 MIN. & ENERGY STAR RATED
D.	CEILING/ROOF R-VALUE:	R-49, ENERGY HEELS ON ALL TRUSSES
E.	WOOD FRAME WALL R-VALUE:	12" MIN. FIBERGLASS, 7" MIN SPRAY FOAM R-21, R-24 REQ. TOTAL VALUE
F.	BASEMENT (HEATED) WALL R-VALUE:	R-19
G.	SLABS IN HEATED AREAS R-VALUE:	R-7.5
I.	HOT WATER PIPING R-VALUE:	R-6
J.	FURNACE DUCTS IN UNCONDITIONED SPACES R-VALUE:	R-8
K.	SOLID WOOD HEADERS R-VALUE:	R-10, WHENEVER POSSIBLE

* REFER TO ABOVE MENTIONED GREEN BUILDING STANDARDS FOR ADDITIONAL INFORMATION AND REQUIREMENTS

4. THERE SHALL BE NO GAPS OR BREAKS IN THE THERMAL ENVELOPE (ROOF/CEILING, WALLS, BASEMENT/CRAWLSPACE)
   - A SILL PLATES AND RIM JOISTS SHALL BE INSULATED AND SEALED WITH A MATERIAL THAT IS COMPATIBLE WITH \ SURROUNDING MATERIALS.
   - B WINDOW AND DOOR FRAMES SHALL BE SEALED AROUND THE ENTIRE PERIMETER OF THE ROUGH OPENING WITH A FLEXIBLE SEALANT THAT COMPATIBLE WITH SURROUNDING MATERIALS. DOORS SHALL BE WEATHER STRIPPED AROUND THE ENTIRE PERIMETER.
   - C ACCESS HATCHES AND DOORS FROM CONDITIONED TO UNCONDITIONED SPACES SHALL BE WEATHER STRIPPED AND INSULATED TO THE SAME LEVEL AS SURROUNDING SURFACES.
   - D ALL PENETRATIONS OF THE THERMAL ENVELOPE FOR MECHANICAL DUCTS, FLUES, PIPES, ETC. SHALL BE SEALED WITH A FLEXIBLE, HEAT RESISTANT SEALANT MATERIAL THAT IS COMPATIBLE WITH THE SURROUNDING MATERIALS.
   - E RECESSED LIGHT FIXTURES IN CEILINGS OR WALLS BETWEEN CONDITIONED AND UNCONDITIONED SPACES SHALL HAVE I-C RATED HOUSINGS AND BE SEALED WITH A GASKET OR SEALANT BETWEEN THE HOUSING AND THE INTERIOR CEILING OR WALL COVERING.

GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE AS SPECIFIED AND IN ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, LAWS, PERMITS, AND THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE PLACEMENT OF ALL NEW CONSTRUCTION ON THE SITE. THE CONTRACTOR SHALL PROVIDE COMPLETE BUILDING SYSTEMS AND COMPONENTS IN COMPLIANCE WITH MANUFACTURERS' REQUIREMENTS AND RECOMMENDATIONS. ALL SEQUENCING, INTERFACE AND COORDINATION WITH OTHER BUILDING TRADES SHALL BE AS REQUIRED FOR COMPLETE, PROPERLY INSTALLED AND OPERATING SYSTEMS AND/OR BUILDING COMPONENTS, AND SHALL MEET OR EXCEED QUALITY LEVELS OF COMMONLY ACCEPTED CONSTRUCTION PRACTICE AND INDUSTRY STANDARDS. CONTACT ARCHITECT WITH ANY QUESTIONS PRIOR TO STARTING WORK.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. SHOULD A DISCREPANCY APPEAR IN THE CONTRACT DOCUMENTS, OR BETWEEN THE CONTRACT DOCUMENTS AND EXISTING CONDITIONS, NOTIFY THE ARCHITECT AT ONCE FOR INSTRUCTION ON HOW TO PROCEED.
4. SHOULD A CONFLICT OCCUR IN OR BETWEEN DRAWINGS AND SPECIFICATIONS, THE SPECIFICATIONS SHALL TAKE PRECEDENCE, UNLESS A WRITTEN DECISION FROM THE ARCHITECT HAS BEEN OBTAINED WHICH DESCRIBES A CLARIFICATION OR ALTERNATE METHOD AND/OR MATERIALS.
5. THE CONTRACTOR SHALL CONFINE HIS/HER OPERATIONS ON THE SITE TO AREAS PERMITTED BY THE OWNER.
6. THE JOB SITE SHALL BE MAINTAINED IN A CLEAN, ORDERLY CONDITION, FREE OF DEBRIS AND LITTER, AND SHALL NOT BE UNREASONABLY ENCUMBERED WITH ANY MATERIALS OR EQUIPMENT. EACH SUB-CONTRACTOR IMMEDIATELY UPON COMPLETION OF EACH PHASE OF HIS/HER WORK SHALL REMOVE ALL TRASH AND DEBRIS AS OF RESULT OF HIS/HER OPERATION.
7. ALL MATERIALS STORED ON THE SITE SHALL BE PROPERLY STACKED AND PROTECTED TO PREVENT DAMAGE AND DETERIORATION. FAILURE TO PROTECT MATERIALS MAY BE CAUSE FOR REJECTION OF WORK.
8. THE CONTRACTOR SHALL DO ALL CUTTING, FITTING, OR PATCHING OF HIS/HER WORK THAT MAY BE REQUIRED TO MAKE ITS SEVERAL PARTS FIT TOGETHER PROPERLY AND SHALL NOT ENDANGER ANY OTHER WORK BY CUTTING, EXCAVATING, OR OTHERWISE ALTERING THE TOTAL WORK OR ANY OTHER PART OF IT. ALL PATCHING, REPAIRING AND REPLACING OF MATERIALS AND SURFACES CUT OR DAMAGED IN EXECUTION OF WORK SHALL BE DONE WITH APPLICABLE MATERIALS SO THAT SURFACES REPLACED WILL, UPON COMPLETION, MATCH SURROUNDING SIMILAR SURFACES.
9. NO PORTION OF THE WORK REQUIRING A SHOP DRAWING or SAMPLE SUBMISSION SHALL COMMENCE UNTIL THE SUBMISSION HAS BEEN REVIEWED BY THE ARCHITECT. ALL SUCH PORTIONS OF THE WORK SHALL BE IN ACCORDANCE WITH REVIEWED SHOP DRAWINGS AND SAMPLES. SHOP DRAWINGS AND PRODUCT SUBMITTALS ARE REQUIRED FOR ALL SHOP FABRICATED WORK AS WELL AS SPECIFIED PRODUCTS. THIS WORK INCLUDES, BUT NOT BE LIMITED TO, STRUCTURAL and DECORATIVE STEEL, WINDOWS and DOORS, BUILT-IN CABINETRY, HARDWARE, PLUMBING and ELECTRICAL FIXTURES, APPLIANCES AND EXTERIOR & INTERIOR FINISH MATERIALS.
10. DIMENSIONS:
    - A. ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE OF DRAWINGS.
    - B. ALL DIMENSIONS ARE TO FACE OF STUD or FACE OF CONCRETE U.N.O.
    - C. ALL EXTERIOR STUDS TO BE 2x6 U.N.O.
      ALL INTERIOR STUDS TO BE 2x4 U.N.O.
11. CONTRACTOR TO PROVIDE ALL NECESSARY BLOCKING, BACKING, AND FRAMING FOR LIGHT FIXTURES, ELECTRICAL UNITS, A.C. EQUIPMENT, RECESSED ITEMS, AND ALL OTHER ITEMS AS REQUIRED.
12. WHERE LARGER STUDS OR FURRING ARE REQUIRED TO COVER PIPING AND CONDUITS, THE LARGER STUD SIZE OR FURRING SHALL EXTEND THE FULL SURFACE OF THE WALL WIDTH AND LENGTH WHERE THE FURRING OCCURS.
13. PROVIDE ALL ACCESS PANELS AS REQUIRED BY GOVERNING CODES TO ALL CONCEALED SPACES, VOIDS, ATTICS, ECT. VERIFY TYPE REQUIRED WITH ARCHITECT PRIOR TO INSTALLATION.
14. ALL INTERIOR STUD WALLS & CEILINGS BETWEEN LIVING SPACES SHALL HAVE 3 1/2 " SOUND ATTENUATION BATTS UNLESS THERMAL INSULATION IS CALLED FOR.
15. (WHEN APPLICABLE) PROVIDE FIRE SPRINKLER PROTECTION THROUGHOUT THE BUILDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING THE DRAWINGS AND OBTAINING THE PERMITS FOR THE FIRE SPRINKLER SYSTEM. THE FIRE SPRINKLER SYSTEMS SHALL MEET THE REQUIREMENTS OF ALL APPLICABLE CODES AND ORDINANCES.

CODE ANALYSIS

APPLICABLE CODES:
- 2003 I.B.C.
- 2009 UPC
- 2011 NEC
- 2009 I.F.C.
- 2009 I.E.C.C. W/ AMMENDMENTS TELLURIDE GREEN BLDG. STAND.

LEGAL DESCRIPTION:
- BLOCK 41, EAST TELLURIDE ADDITION (ETA)

ZONING INFORMATION:

ZONING	P (PARK)
FRONT YARD SETBACK	20 FEET
SIDE YARD SETBACK	3 FEET
ALLOWABLE FLOOR AREA	NA
MAX. BUILDING HEIGHT	25 FEET
MIN. ROOF PITCH	1/4"/12" APPROVED BY HARC

BUILDING TYPE AND OCCUPANCY:
- TYPE VB / GROUP B OCCUPANCY
- NON SPRINKLERED

PROJECT DIRECTORY

ARCHITECT
CHARLES CUNNIFFE ARCH.
610 E. HYMAN AVE.
ASPEN, COLORADO 81611
TEL: (970) 925-5890
FAX: (970) 920-4557
CONTACT: WILL YOUNG

STRUCTURAL ENGINEER
BUCKHORN GEOTECH
222 SOUTH PARK AVE.
MONTROSE, COLORADO 81401
TELE: (970) 497-8845
FAX: (970) 249-0945
CONTACT: CHASE BRANHAM

CONTRACTOR
ALLISON CONSTRUCTION
1075 SHERMAN WAY
RIDGEWAY, COLORADO 81432
TELE: (970) 209-8883
FAX: (970) 626-5010
CONTACT: STEVE PALMER

LANDSCAPE ARCHITECT
CARIBOU DESIGN ASSOCIATES
PO BOX 3855
TELLURIDE, COLORADO 81435
TELE: (970) 708-1232
CONTACT: BETH MOELLER BAILIS

MECHANICAL ENGINEER

GEOTECHNICAL ENG.
BUCKHORN GEOTECH
222 SOUTH PARK AVE.
MONTROSE, COLORADO 81401
TELE: (970) 497-8845
FAX: (970) 249-0945
CONTACT: LAURIE BRANDT

POOL CONSULTANT
WATER TECHNOLOGY INC.
100 PARK AVE
BEAVER DAM, WI
TELE: (920) 887-7375
FAX: (920) 887-7444
CONTACT: DOUG WHITEEAKER

SURVEYOR
FOLEY ASSOCIATES INC.
125 WEST PACIFIC, SUITE B-1
TELLURIDE, COLORADO 81435
TELE: (970) 728-6153
FAX: (970) 728-6050

SHEET INDEX

COVER SHEET
A0.1 GENERAL INFORMATION
A0.2 F.A.R. INFORMATION
SURVEY

ARCHITECTURAL:
A1.1 DEMO PLAN
A1.2 SITE PLAN
A2.0 LOWER LEVEL FLOOR PLAN
A2.1 ENTRY LEVEL FLOOR PLAN
A2.2 ROOF PLAN
A3.1 EXTERIOR ELEVATIONS
A3.2 EXTERIOR ELEVATIONS
A4.1 BUILDING SECTIONS
A4.1 BUILDING SECTIONS
A4.2 BUILDING SECTIONS
A6.1 STAIR PLANS & SECTION
A8.1 INTERIOR ELEVATIONS
A8.2 INTERIOR ELEVATIONS
A8.3 INTERIOR ELEVATIONS
A10.1 WINDOW SCHEDULE & ELEVATIONS
A10.2 DOOR SCHEDULE & ELEVATIONS
A10.3 INTERIOR FINISH SCHEDULE

STRUCTURAL:
S1.1 GENERAL NOTES
S2.1 LOWER LEVEL FOUNDATION PLAN
S2.2 ENTRY LEVEL FOUNDATION/ FRAMING PLAN
S2.3 ROOF FRAMING PLAN
S3.1 DETAILS
S3.2 DETAILS

MECHANICAL:
M2.0 LOWER LEVEL MECHANICAL PLAN
M2.1 ENTRY LEVEL ELECTRICAL PLAN

ELECTRICAL
E2.0 LOWER LEVEL ELECTRICAL PLAN
E2.1 ENTRY LEVEL MECHANICAL PLAN

LANDSCAPE:
L-1 LANDSCAPE PLAN

CIVIL:
C-1 GRADING PLAN
D-1 DETAILS

POOL DRAWINGS:
PL 100 OVERALL POOL PLAN
PL 101 GENERAL POOL DETAILS
PL 200 POOL PLAN & SECTIONS
PL 300 OVERALL PIPING PLAN
PL 400 POOL MECHANICAL & DETAILS
PL 500 MECHANICAL DETAILS

CONSTRUCTION MITIGATION PLAN
CONSTRUCTION MITIGATION PLAN

VICINITY MAP

CCA
www.cunniffe.com
CHARLES CUNNIFFE ARCHITECTS
610 EAST HYMAN AVE. I ASPEN, CO 81611 I TEL: 970.925.5890 I FAX: 970.920.4557

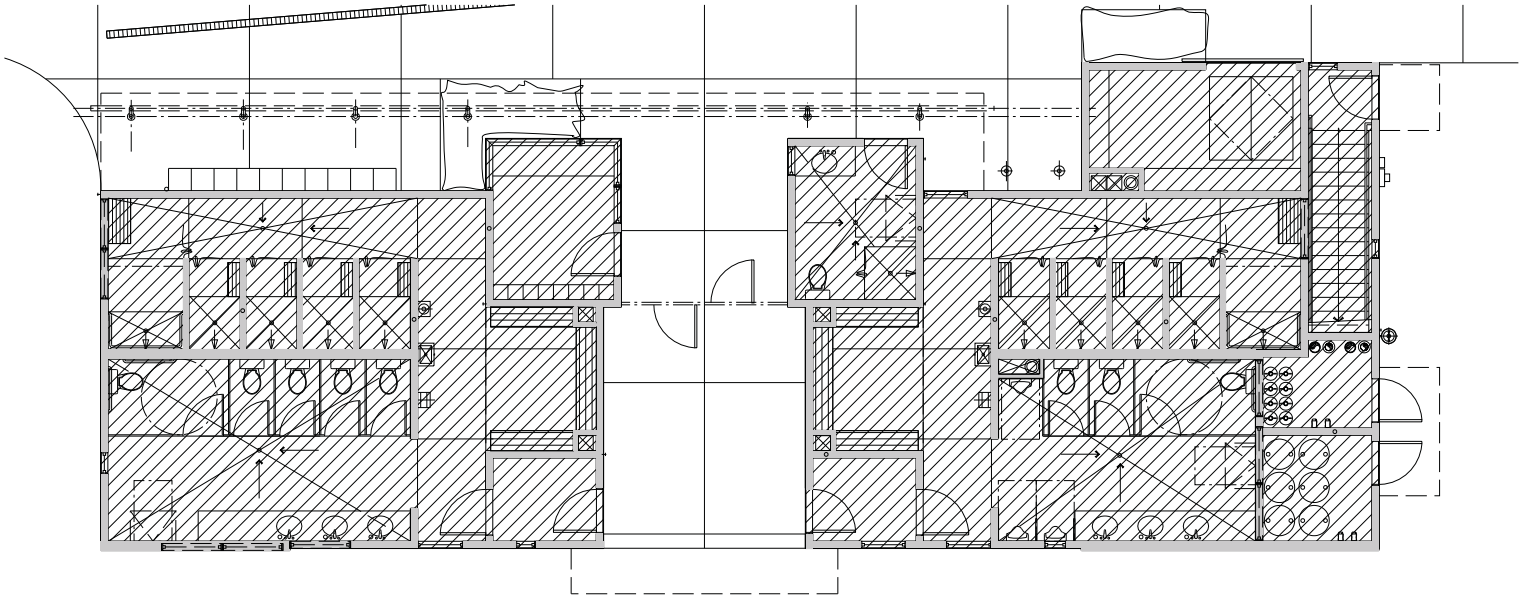
TELLURIDE TOWN PARK POOL

TOWN PARK
TELLURIDE, COLORADO

DRAWING: GEN. INFORMATION	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	8-11-2014
JOB NO. 1402	

SHEET NO.
A0.1

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS



ENTRY LEVEL FLOOR PLAN
1/4" = 1'-0"

LEGEND

FLOOR AREA

FLOOR AREA CALCULATION:

3/20/14

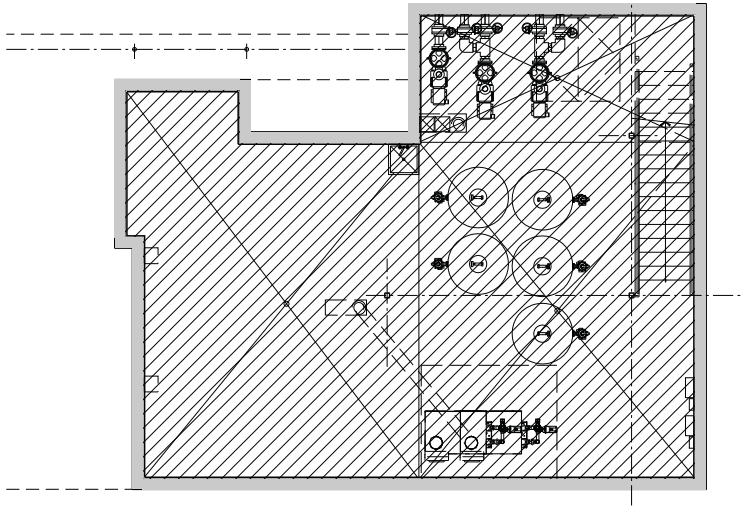
ENTRY LEVEL FLOOR

WOMENS RESTROOM & LIFEGUARD'S OFFICE	819 S.F.
MENS RESTROOM & STORAGE, STAIRS	1095 S.F.

LOWER LEVEL

MECHANICAL ROOM	1095 S.F.

TOTAL PROPOSED FLOOR AREA =	3009 S.F.



LOWER LEVEL FLOOR PLAN
1/4" = 1'-0"

CCA

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. | ASPEN, CO 81611 | TEL: 970.925.5590 | FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

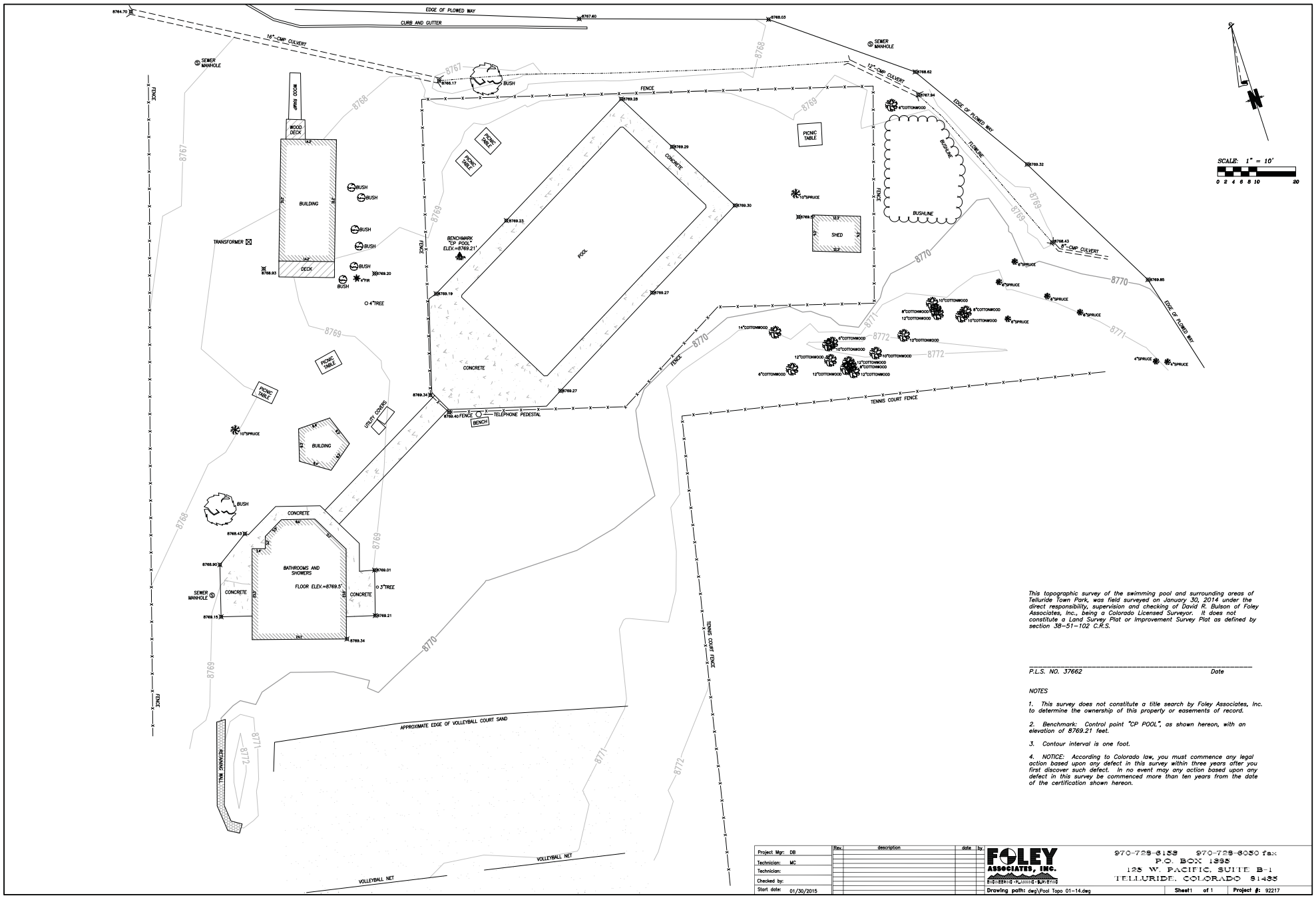
TOWN PARK
TELLURIDE, COLORADO

DRAWING: FAR CALC.	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	8-11-2014
JOB NO. 1402	

SHEET NO.

A0.2

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS



This topographic survey of the swimming pool and surrounding areas of Telluride Town Park, was field surveyed on January 30, 2014 under the direct responsibility, supervision and checking of David R. Bulson of Foley Associates, Inc., being a Colorado Licensed Surveyor. It does not constitute a Land Survey Plat or Improvement Survey Plat as defined by section 38-51-102 C.R.S.

_____

P.L.S. NO. 37662 *Date*

NOTES

1. This survey does not constitute a title search by Foley Associates, Inc. to determine the ownership of this property or easements of record.

2. Benchmark: Control point "CP POOL", as shown hereon, with an elevation of 8769.21 feet.

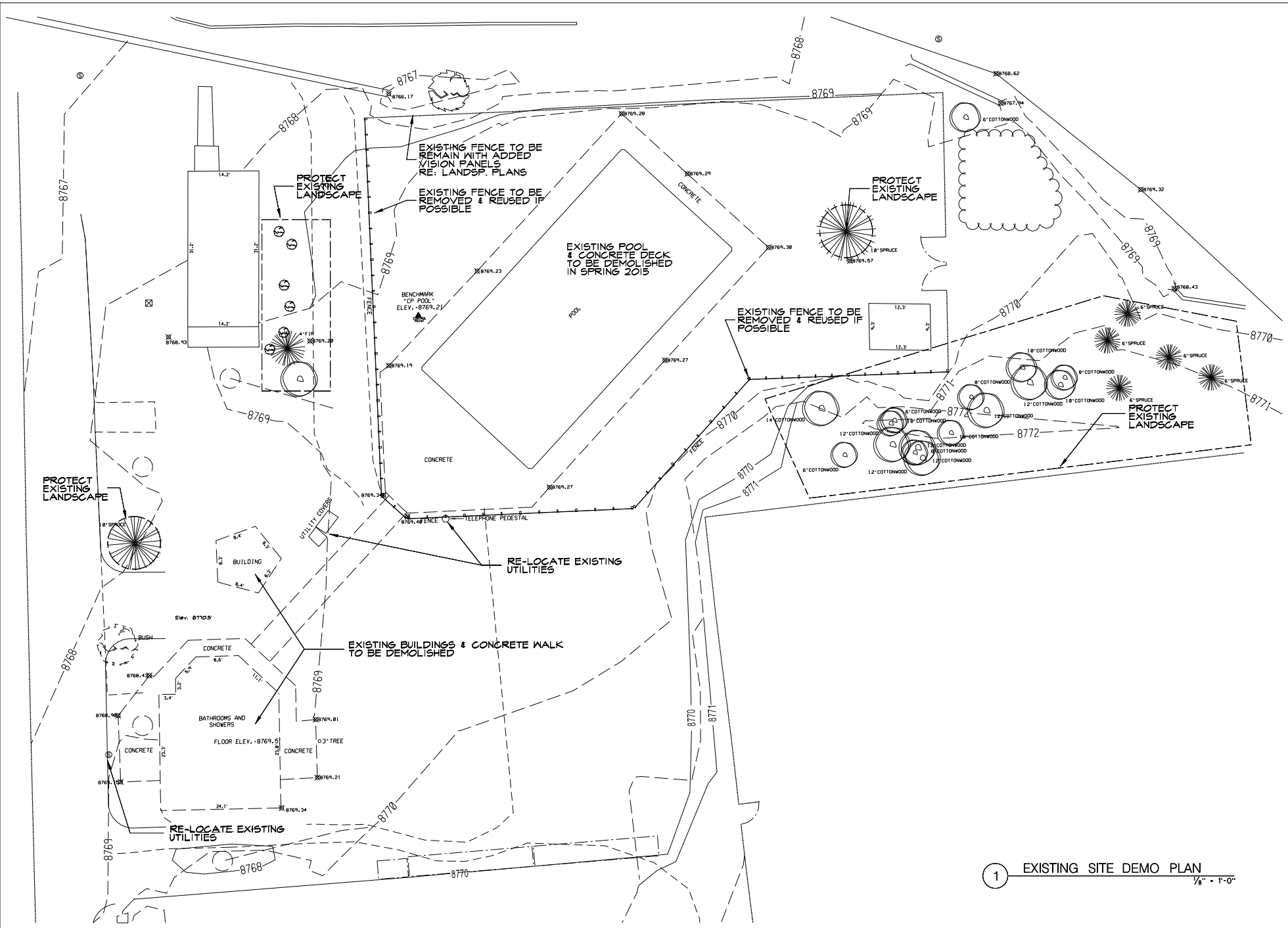
3. Contour interval is one foot.

4. NOTICE: According to Colorado law, you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

Project Mgr: DB	Rev.	description	date	by
Technician: MC				
Technician:				
Checked by:				
Start date: 01/30/2015				

FOLEY ASSOCIATES, INC.
ENGINEERING • LAND SURVEYING
970-728-6153 970-728-6050 fax
P.O. BOX 1895
125 W. PACIFIC, SUITE B-1
TELLURIDE, COLORADO 81435

Drawing path: dwg\Pool Topo 01-14.dwg | Sheet 1 of 1 | Project #: 92217



1 EXISTING SITE DEMO PLAN
1/8" = 1'-0"

CCA

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. | ASPEN, CO 81611 | TEL: 970.925.5590 | FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

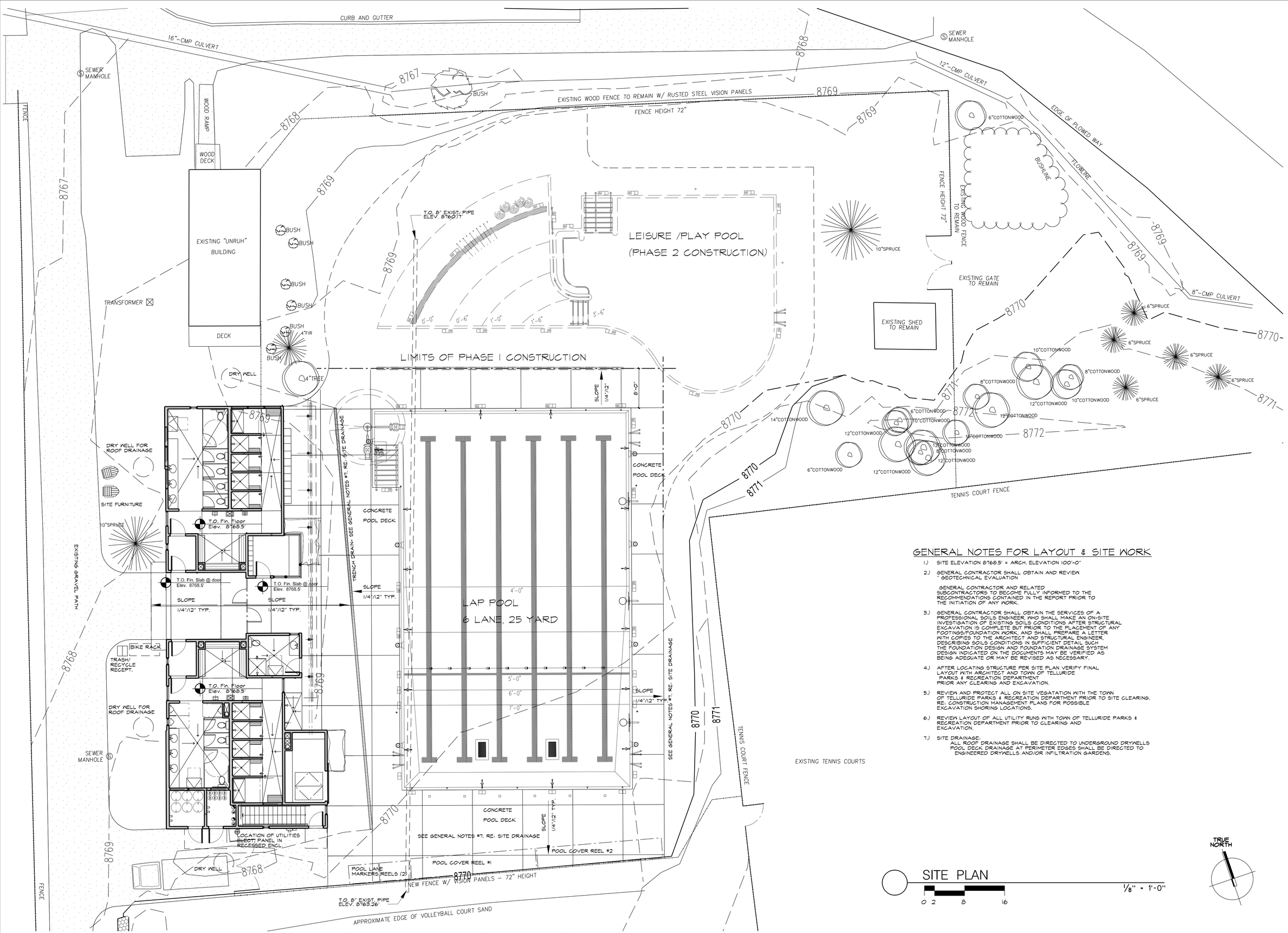
TOWN PARK
TELLURIDE, COLORADO

DRAWING: SITE DEMO PLAN	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	8-11-2014
JOB NO. 1402	

SHEET NO.

A1.1

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS



GENERAL NOTES FOR LAYOUT & SITE WORK

1.) SITE ELEVATION 8768.5' = ARCH. ELEVATION 100'-0"

2.) GENERAL CONTRACTOR SHALL OBTAIN AND REVIEW " GEOTECHNICAL EVALUATION

GENERAL CONTRACTOR AND RELATED SUBCONTRACTORS TO BECOME FULLY INFORMED TO THE RECOMMENDATIONS CONTAINED IN THE REPORT PRIOR TO THE INITIATION OF ANY WORK.

3.) GENERAL CONTRACTOR SHALL OBTAIN THE SERVICES OF A PROFESSIONAL SOILS ENGINEER, WHO SHALL MAKE AN ON-SITE INVESTIGATION OF EXISTING SOILS CONDITIONS AFTER STRUCTURAL EXCAVATION IS COMPLETE BUT PRIOR TO THE PLACEMENT OF ANY FOOTINGS/FOUNDATION WORK, AND SHALL PREPARE A LETTER WITH COPIES TO THE ARCHITECT AND STRUCTURAL ENGINEER, DESCRIBING SOILS CONDITIONS IN SUFFICIENT DETAIL SUCH THE FOUNDATION DESIGN AND FOUNDATION DRAINAGE SYSTEM DESIGN INDICATED ON THE DOCUMENTS MAY BE VERIFIED AS BEING ADEQUATE OR MAY BE REVISED AS NECESSARY.

4.) AFTER LOCATING STRUCTURE PER SITE PLAN VERIFY FINAL LAYOUT WITH ARCHITECT AND TOWN OF TELLURIDE PARKS & RECREATION DEPARTMENT PRIOR ANY CLEARING AND EXCAVATION.

5.) REVIEW AND PROTECT ALL ON SITE VEGATATION WITH THE TOWN OF TELLURIDE PARKS & RECREATION DEPARTMENT PRIOR TO SITE CLEARING. RE: CONSTRUCTION MANAGEMENT PLANS FOR POSSIBLE EXCAVATION SHORING LOCATIONS.

6.) REVIEW LAYOUT OF ALL UTILITY RUNS WITH TOWN OF TELLURIDE PARKS & RECREATION DEPARTMENT PRIOR TO CLEARING AND EXCAVATION.

7.) SITE DRAINAGE:
ALL ROOF DRAINAGE SHALL BE DIRECTED TO UNDERGROUND DRYWELLS
POOL DECK DRAINAGE AT PERIMETER EDGES SHALL BE DIRECTED TO ENGINEERED DRYWELLS AND/OR INFILTRATION GARDENS.

SITE PLAN

0 2 8 16

1/8" = 1'-0"

TRUE NORTH

CCA

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. I ASPEN, CO 81611 I TEL: 970.925.5590 I FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

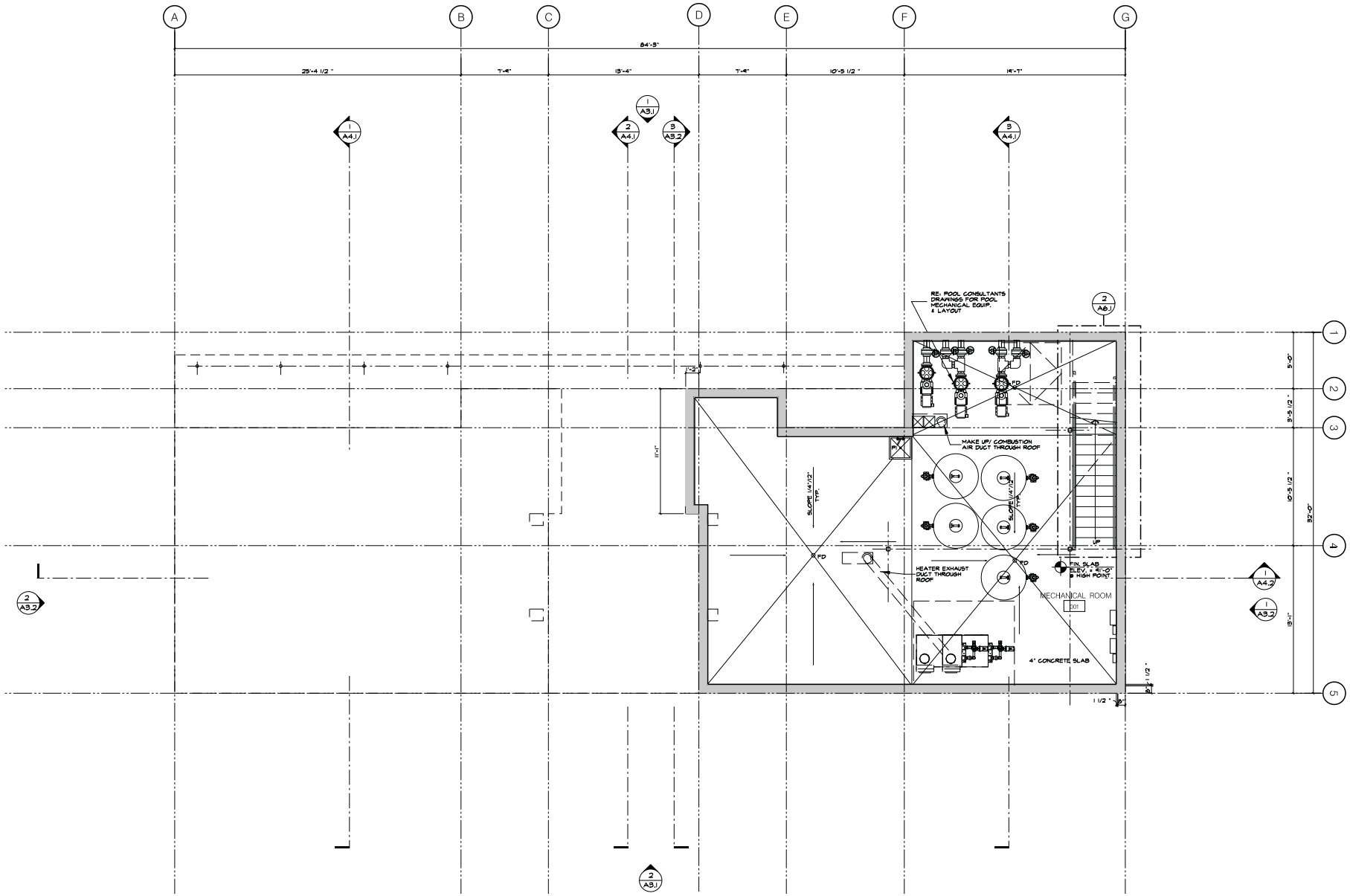
TOWN PARK
TELLURIDE, COLORADO

DRAWING: SITE PLAN	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
CONSTR. ISSUE	11-13-2014
REV. #2	1-21-2015
JOB NO. 1402	

SHEET NO.

A1.2

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS



1 LOWER LEVEL FLOOR PLAN
1/4" = 1'-0"
0 1 4 8

TRUE NORTH

CCA

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. I ASPEN, CO 81611 I TEL: 970.925.5590 I FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

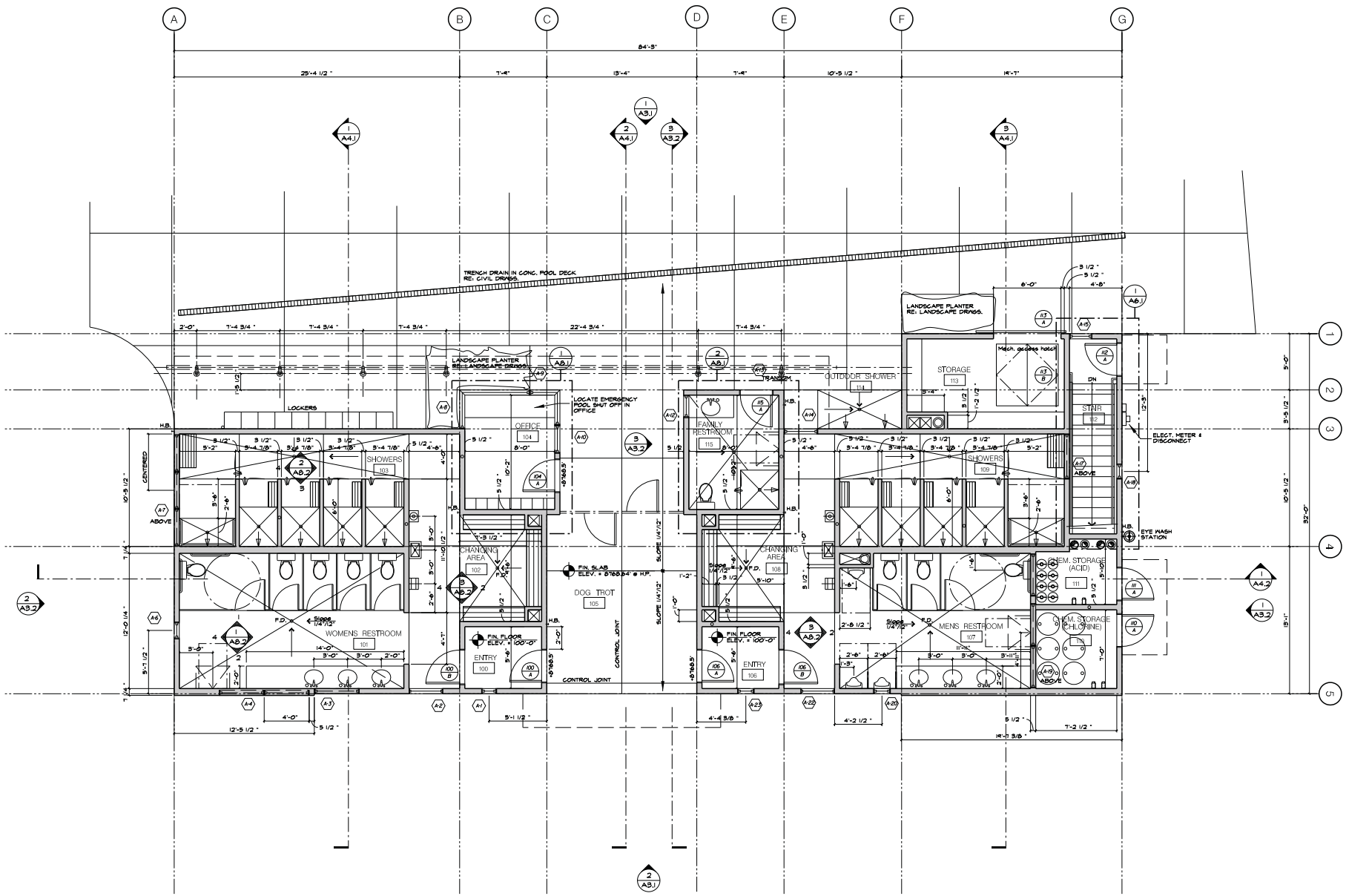
TOWN PARK
TELLURIDE, COLORADO

DRAWING: LOWER LVL PLAN	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	8-11-2014
JOB NO. 1402	

SHEET NO.

A2.0

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS



1 ENTRY LEVEL FLOOR PLAN

1/4" = 1'-0"

0 1 4 8

TRUE NORTH

CCA

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. I ASPEN, CO 81611 I TEL: 970.925.5590 I FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

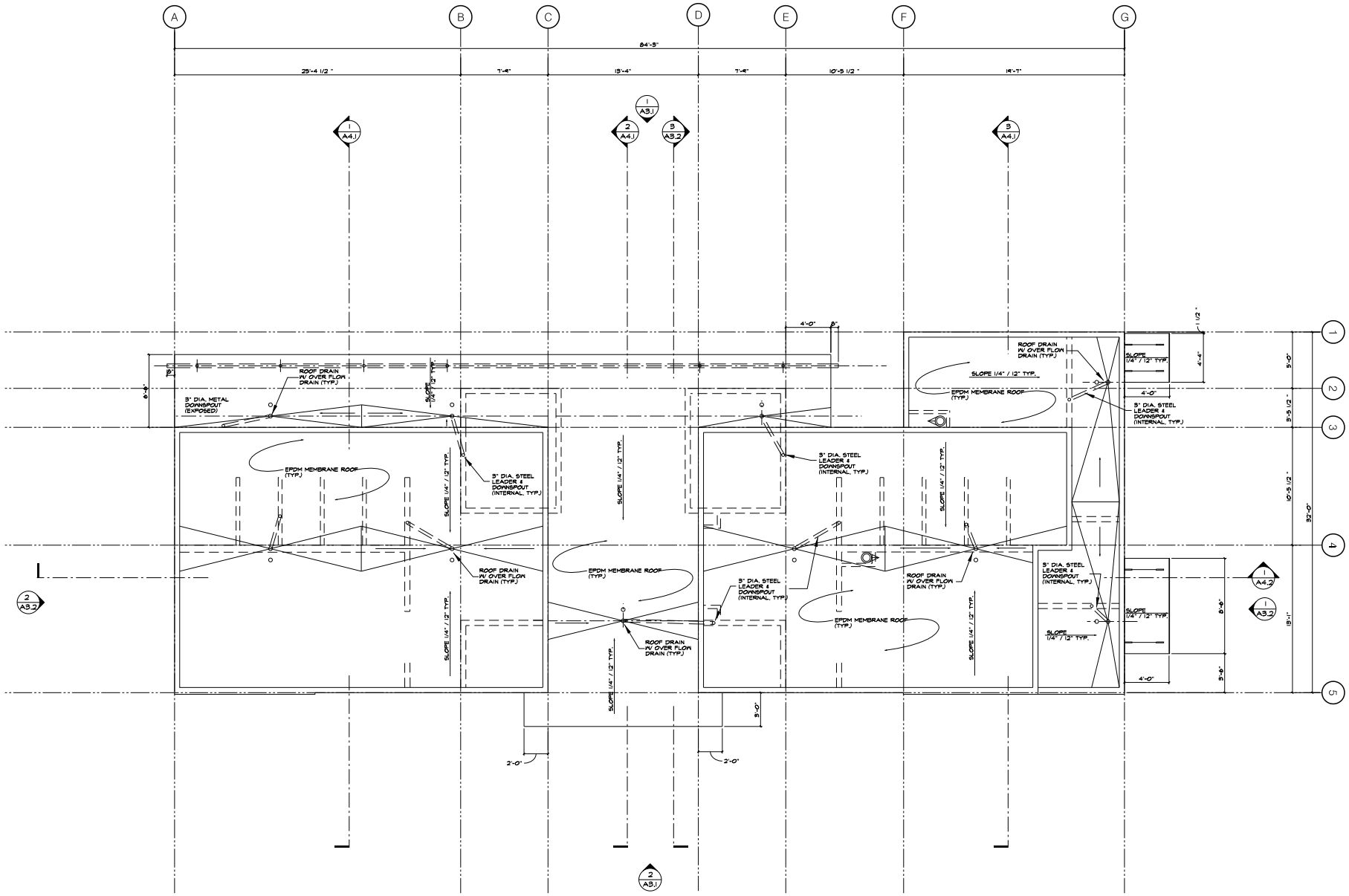
TOWN PARK
TELLURIDE, COLORADO

DRAWING: ENTRY LVL PLAN	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	8-11-2014
JOB NO. 1402	

SHEET NO.

A2.1

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS



ROOF PLAN

1/4" = 1'-0"

0 1 4 8

TRUE NORTH

CCA

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. I ASPEN, CO 81611 I TEL: 970.925.5590 I FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

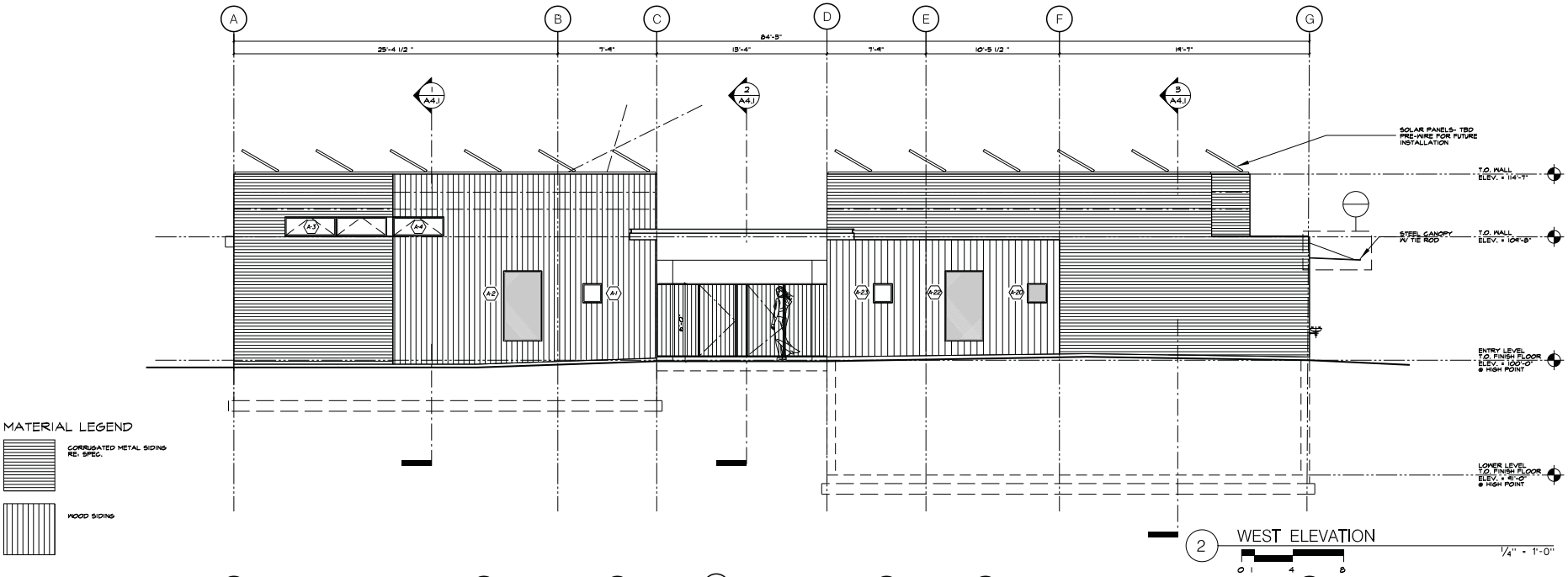
TOWN PARK
TELLURIDE, COLORADO

DRAWING:	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	8-11-2014
JOB NO. 1402	

SHEET NO.

A2.2

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS



MATERIAL LEGEND

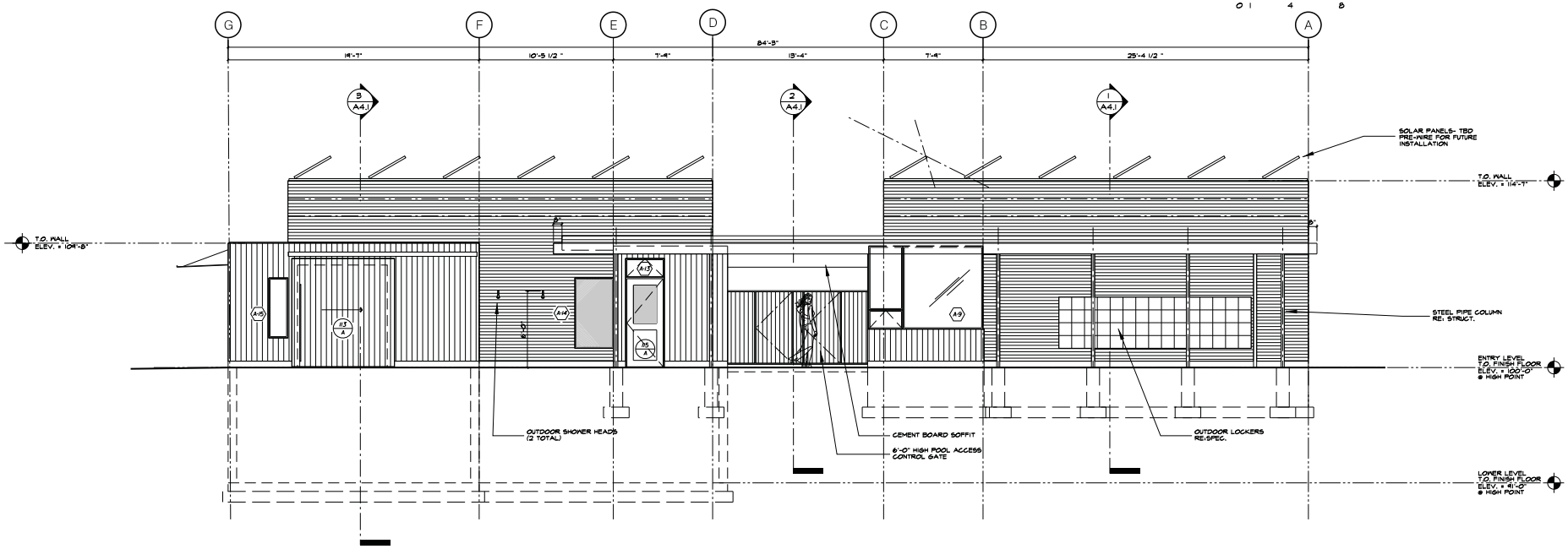
CORRUGATED METAL SIDING RE: SPEC.

WOOD SIDING

2 WEST ELEVATION

1/4" = 1'-0"

0 1 4 8



1 EAST ELEVATION

1/4" = 1'-0"

0 1 4 8

CCA

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. | ASPEN, CO 81611 | TEL: 970.925.5590 | FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

TOWN PARK
TELLURIDE, COLORADO

DRAWING:	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	8-11-2014
JOB NO. 1402	

SHEET NO.

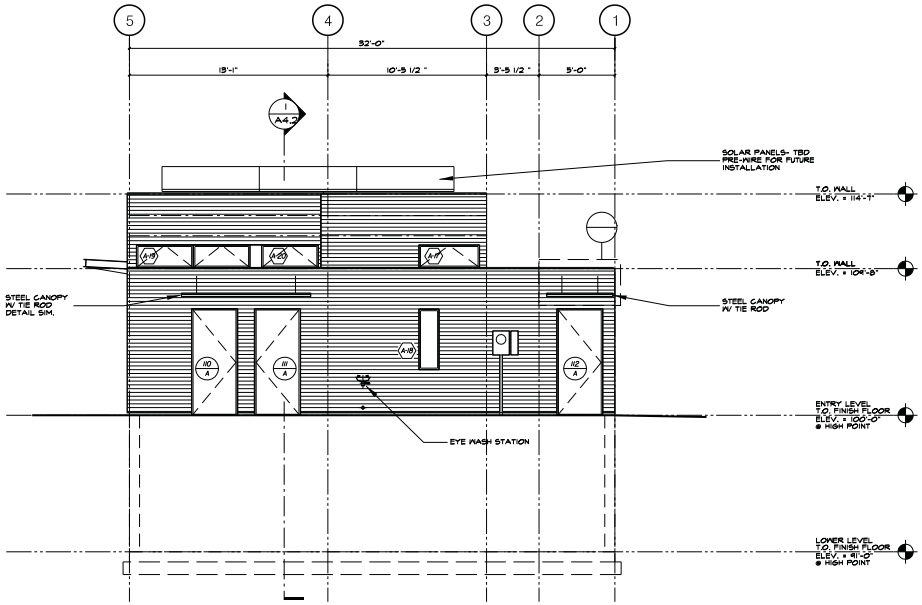
A3.1

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS

MATERIAL LEGEND

CORRUGATED METAL SIDING
RE: SPEC.

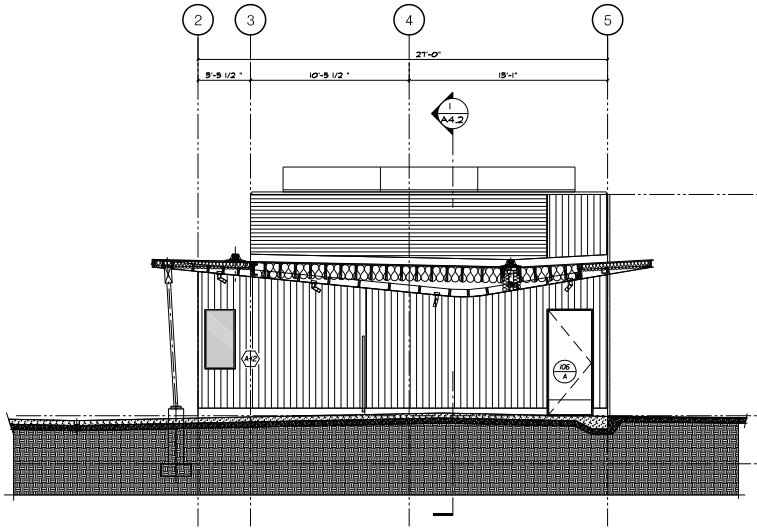
WOOD SIDING



1 SOUTH ELEVATION

1/4" = 1'-0"

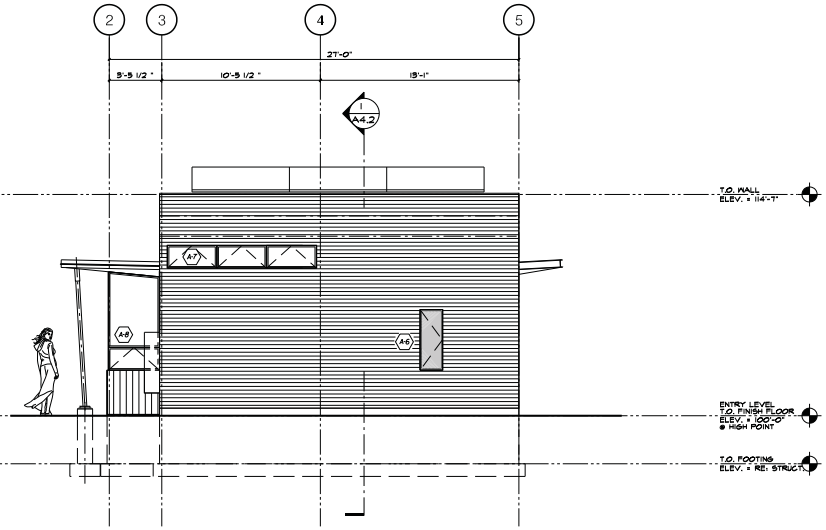
0 1 4 8



3 BUILDING SECTION @ DOG TROT

1/4" = 1'-0"

0 1 4 8



2 NORTH ELEVATION

1/4" = 1'-0"

0 1 4 8

CCA

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. I ASPEN, CO 81611 I TEL: 970.925.5590 I FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

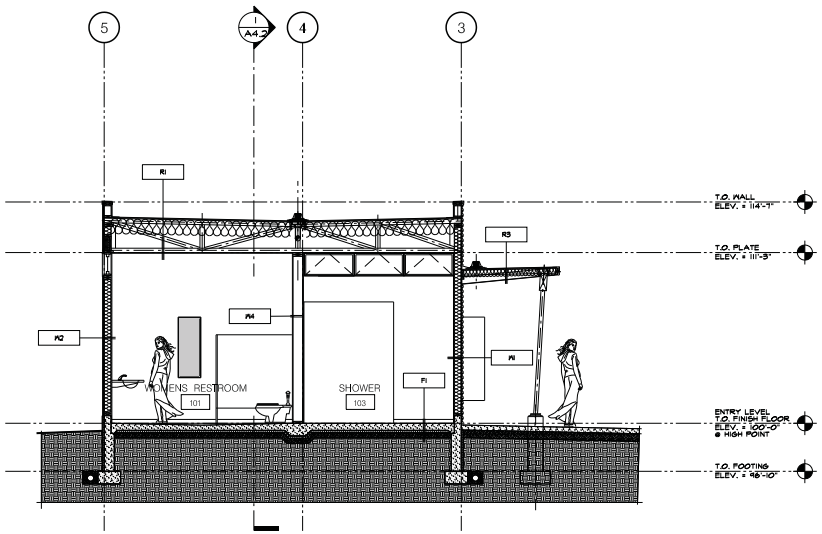
TOWN PARK
TELLURIDE, COLORADO

DRAWING: ELEVATIONS	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	8-11-2014
JOB NO. 1402	

SHEET NO.

A3.2

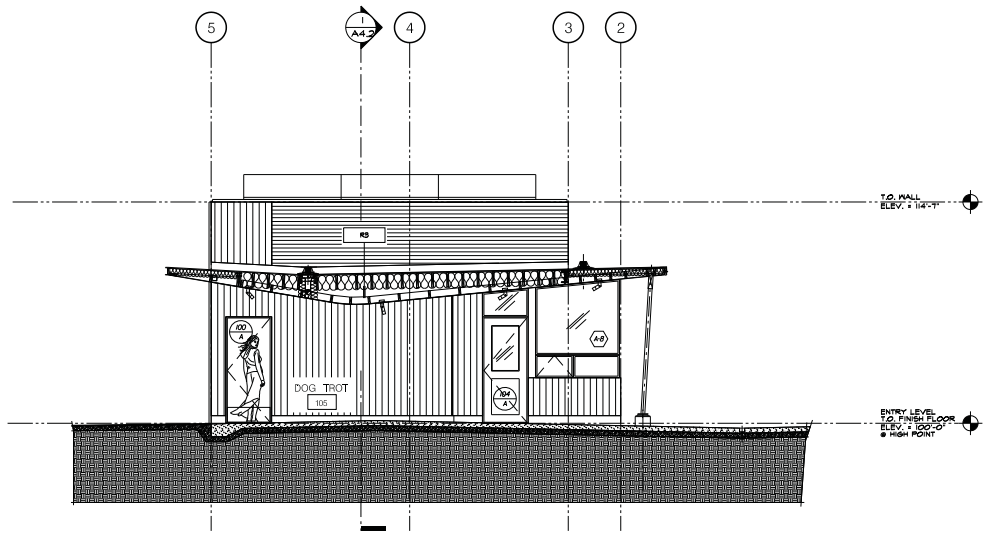
©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS



1 BUILDING CROSS SECTION @ WOMENS R.R.

1/4" = 1'-0"

0 1 4 8



2 BUILDING CROSS SECTION @ DOG TROT

1/4" = 1'-0"

0 1 4 8

TYP. ASSEMBLIES

R1 EPDM MEMBRANE ROOFING
O/ 5/8" SHEATHING
O/ WOOD PRE-FAB TRUSSES (RE: STRUCT.)
W/ 12" BATT INSULATION R-44 min.
O/ VAPOR BARRIER
O/ 1/2" GYP. BD.

R2 EPDM MEMBRANE ROOFING
O/ 5/8" SHEATHING
O/ WOOD FRAMING (RE: STRUCT.)
W/ 12" BATT INSULATION R-44 min.
O/ VAPOR BARRIER
O/ 1/2" GYP. BD.

R3 EPDM MEMBRANE ROOFING
O/ 5/8" SHEATHING
O/ WOOD FRAMING (RE: STRUCT.)
W/ 12" BATT INSULATION R-44 min.
O/ VAPOR BARRIER
O/ 1/2" GYP. BD. OR CEMENT BD.

W1 28"X 7/8" CORRUGATED METAL
O/ MEMBRANE
O/ 1/2" SHEATHING
O/ 2X_ FRAMING RE: STRUCT.
W/ 6" BATT INSULATION (R-24) min.
O/ VAPOR BARRIER
W/ 5/8" GYP. BD.

W2 1X6 WOOD SIDING
O/ MEMBRANE
O/ 1/2" SHEATHING
O/ 2X6 FRAMING RE: STRUCT.
W/ 6" BATT INSULATION (R-24) min.
O/ VAPOR BARRIER
W/ 5/8" GYP. BD.

W3 8" CONCRETE WALL
W/ 2 5/8" RIGID INSUL. R-10
/ DRAINAGE MATT
W/ 2X2 WOOD FURRING
W/ 1 1/2" RIGID INSUL. R-8
W/ 5/8" GYP BD.

W4 5/8" GYP. BD.
O/ 2X_ FRAMING
W/ 6" BATT INSULATION (R-24) min.
W/ 5/8" GYP. BD.

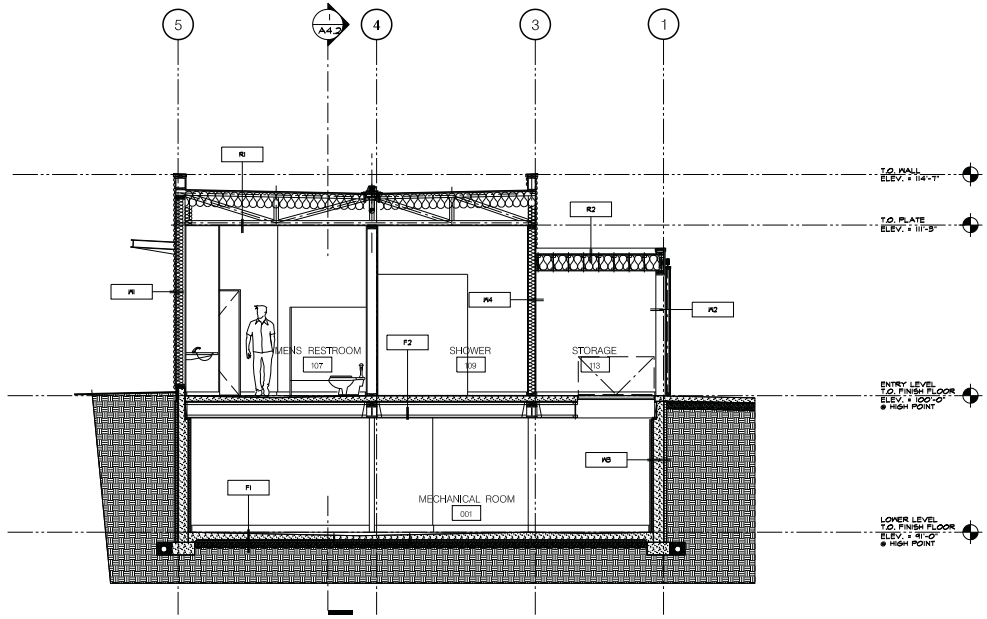
F1 4" CONCRETE SLAB RE: STRUCT.
O/ 2" UNDER SLAB INSUL. R-8
W/ VAPOR BARRIER
O/ 1 1/2" WASHED ROCK
O/ UNDISTURBED GRADE OR
STRUCT. FILL RE: SOILS REPORT

F2 6" max. CONCRETE
SLOPE TO DRAIN 1/4"/12'
O/ MEMBRANE
O/ 3/4" SHEATHING
O/ FRAMING RE: STRUCT.
W/ VAPOR BARIER
W/ 1/2" GYP. BD.

MATERIAL LEGEND

CORRUGATED METAL SIDING
RE: SPEC.

WOOD SIDING



3 BUILDING CROSS SECTION @ MENS R.R.

1/4" = 1'-0"

0 1 4 8

CCA

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. | ASPEN, CO 81611 | TEL: 970.925.5580 | FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

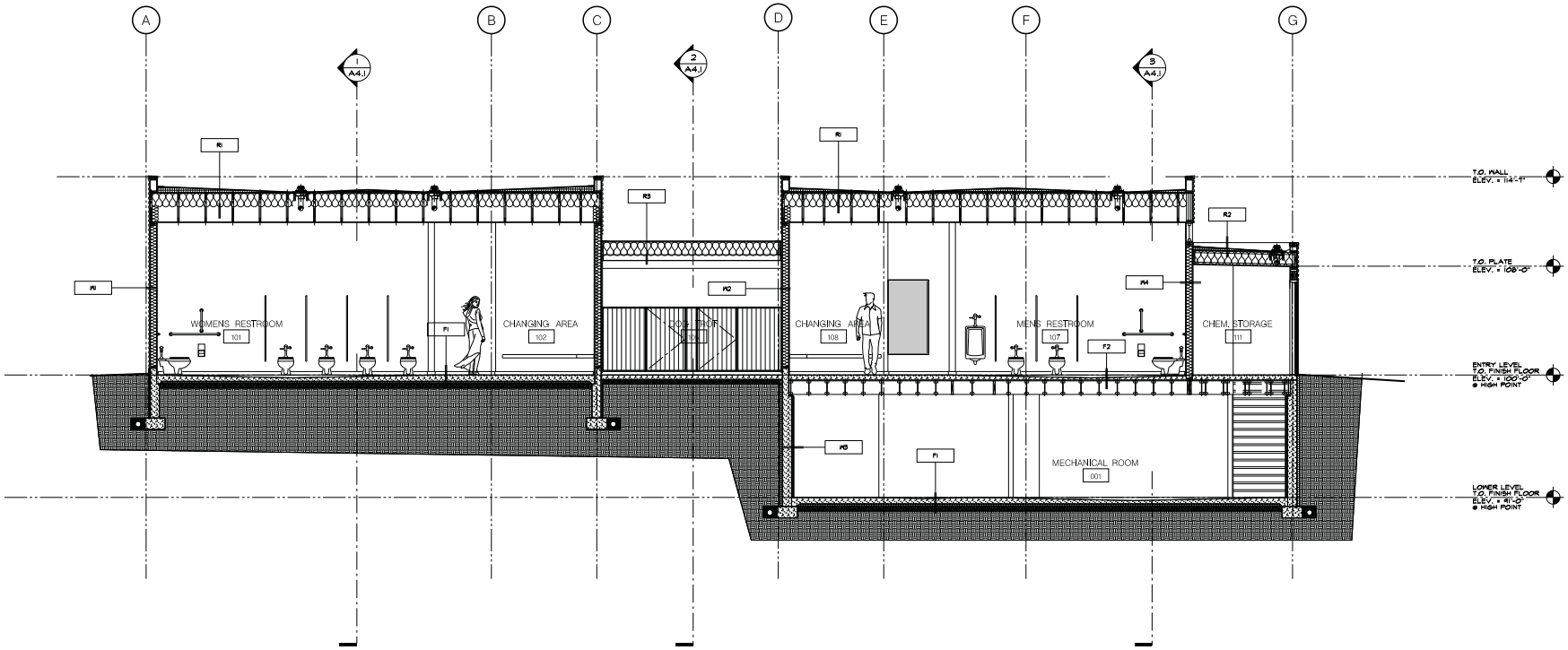
TOWN PARK
TELLURIDE, COLORADO

DRAWING: BUILDING SECTIONS	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	8-11-2014
JOB NO. 1402	

SHEET NO.

A4.1

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS



TYP. ASSEMBLIES

R1 EPDM MEMBRANE ROOFING
O/ 5/8" SHEATHING
O/ WOOD PRE-FAB TRUSSES (RE: STRUCT.)
W/ 12" BATT INSULATION R-44 min.
O/ VAPOR BARRIER
O/ 1/2" GYP. BD.

R2 EPDM MEMBRANE ROOFING
O/ 5/8" SHEATHING
O/ WOOD FRAMING (RE: STRUCT.)
W/ 12" BATT INSULATION R-44 min.
O/ VAPOR BARRIER
O/ 1/2" GYP. BD.

R3 EPDM MEMBRANE ROOFING
O/ 5/8" SHEATHING
O/ WOOD FRAMING (RE: STRUCT.)
W/ 12" BATT INSULATION R-44 min.
O/ VAPOR BARRIER
O/ 1/2" GYP. BD. OR CEMENT BD.

W1 2.67"X 7/8" CORRUGATED METAL
O/ MEMBRANE
O/ 1/2" SHEATHING
O/ 2X_ FRAMING RE: STRUCT.
W/ 6" BATT INSULATION (R-24) min.
O/ VAPOR BARRIER
W/ 5/8" GYP. BD.

W2 1X6 WOOD SIDING
O/ MEMBRANE
O/ 1/2" SHEATHING
O/ 2X6 FRAMING RE: STRUCT.
W/ 6" BATT INSULATION (R-24) min.
O/ VAPOR BARRIER
W/ 5/8" GYP. BD.

W3 8" CONCRETE WALL
W/ 2 3/8" RIGID INSUL. R-10
/ DRAINAGE MATT
W/ 2X2 WOOD FURRING
W/ 1 1/2" RIGID INSUL. R-8
W/ 5/8" GYP BD.

W4 5/8" GYP. BD.
O/ 2X_ FRAMING
W/ 6" BATT INSULATION (R-24) min.
W/ 5/8" GYP. BD.

F1 4" CONCRETE SLAB RE: STRUCT.
O/ 2" UNDER SLAB INSUL. R-8
W/ VAPOR BARRIER
O/ 1 1/2" WASHED ROCK
O/ UNDISTURBED GRADE OR
STRUCT. FILL RE: SOILS REPORT

F2 6" max. CONCRETE
SLOPE TO DRAIN 1/4"/12"
O/ MEMBRANE
O/ 3/4" SHEATHING
O/ FRAMING RE: STRUCT.
W/ VAPOR BARIER
W/ 1/2" GYP. BD.

1 BUILDING LONGITUDINAL SECTION
1/4" = 1'-0"
0 1 4 8

CCA

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. I ASPEN, CO 81611 I TEL: 970.925.5580 I FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

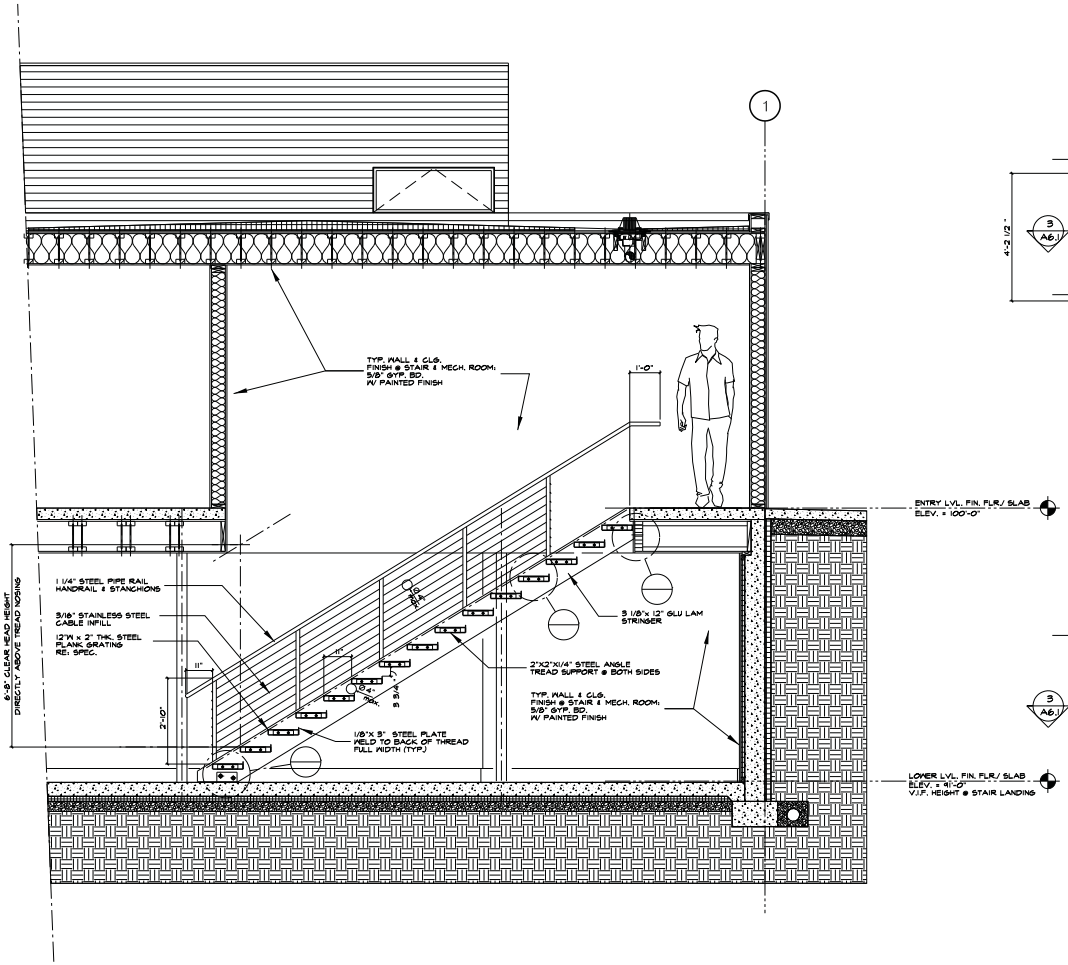
TOWN PARK
TELLURIDE, COLORADO

DRAWING:	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	8-11-2014
JOB NO. 1402	

SHEET NO.

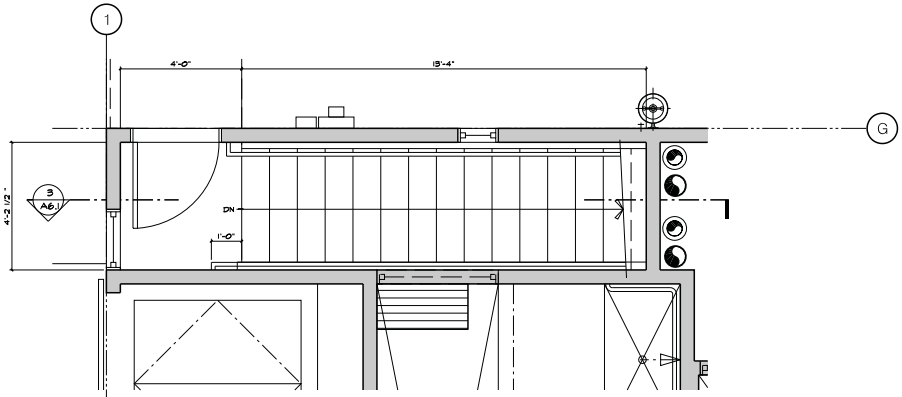
A4.2

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS



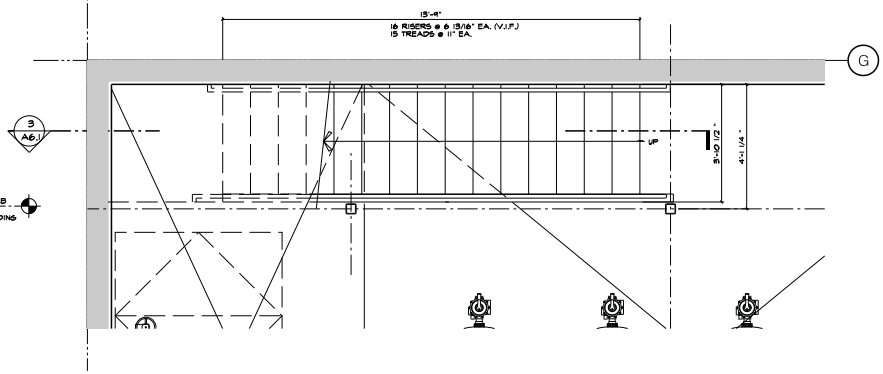
3 STAIR CROSS SECTION

0 1 2 4 ½" = 1'-0"



1 ENTRY LEVEL STAIR PLAN

0 1 2 4 ½" = 1'-0"



2 LOWER LEVEL STAIR PLAN

0 1 2 4 ½" = 1'-0"

CCA

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS
610 EAST HYMAN AVE. I ASPEN, CO 81611 I TEL: 970.925.5580 I FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

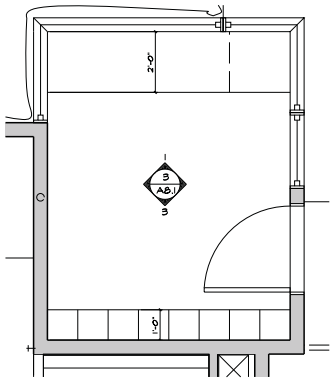
TOWN PARK
TELLURIDE, COLORADO

DRAWING:	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	8-11-2014
JOB NO. 1402	

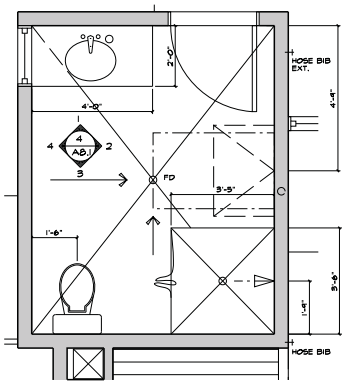
SHEET NO.

A6.1

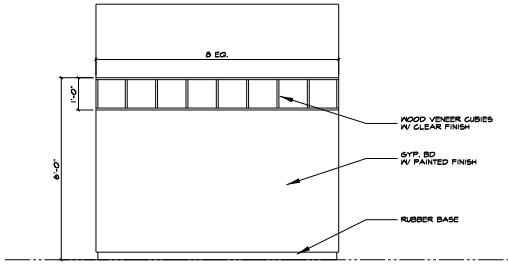
©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS



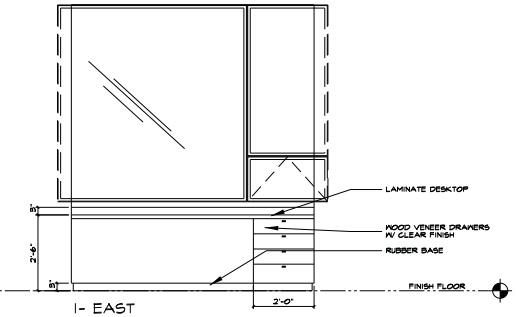
1 FLOOR PLAN @ OFFICE #104
½" = 1'-0"



2 FLOOR PLAN @ FAMILY RR. #115
½" = 1'-0"

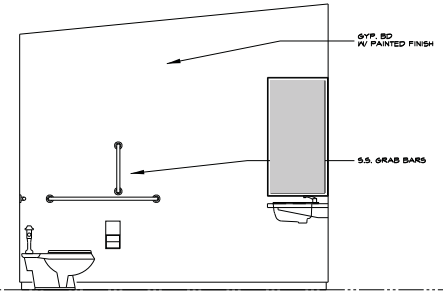


3- WEST

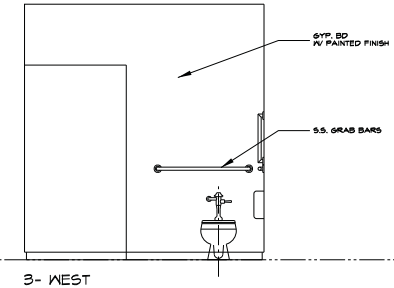


1- EAST

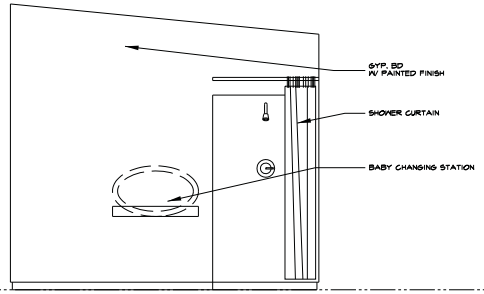
3 OFFICE #104
½" = 1'-0"



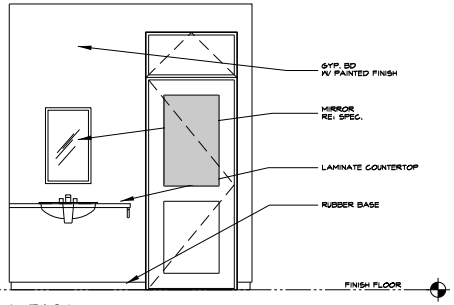
4- NORTH



3- WEST

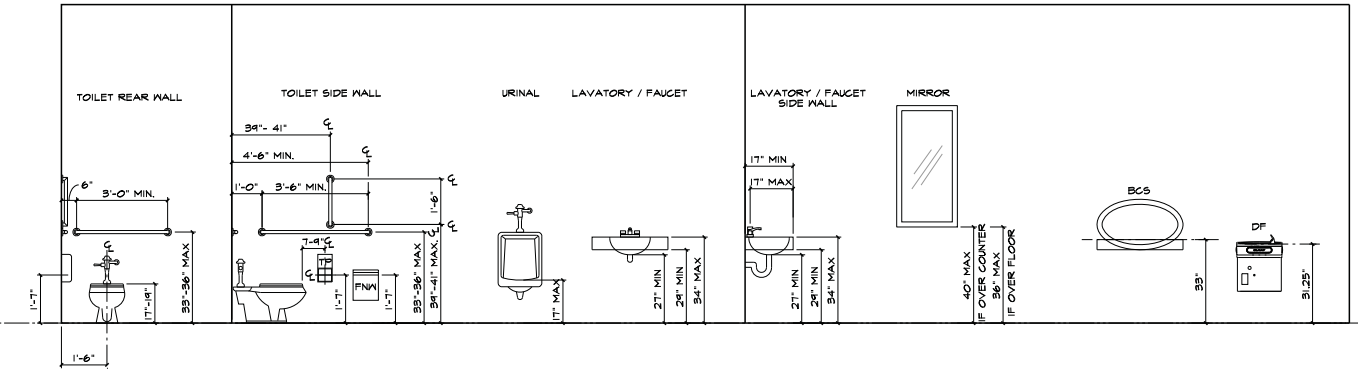


2- SOUTH



1- EAST

4 FAMILY RESTROOM #115
½" = 1'-0"



ABBREVIATIONS

CH	COAT HOOK
SD	SOAP DISENSER
FND	FEMININE NAPKIN DISPENSER
FNW	FEMININE NAPKIN WASTE
PTD/WR	PAPER TOWEL DISPENSER / WASTE RECEPT.
PTD	PAPER TOWEL DISPENSER
SCD	TOILET SEAT COVER DESPENSER
TP	TOILET PAPER DISPENSER
BCS	BABY CHANGING STATION
DF	DRINKING FOUNTAIN

5 ACCESSORIES KEY
½" = 1'-0"

CCA

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS
610 EAST HYMAN AVE. I ASPEN, CO 81611 I TEL: 970.925.5590 I FAX: 970.920.4557

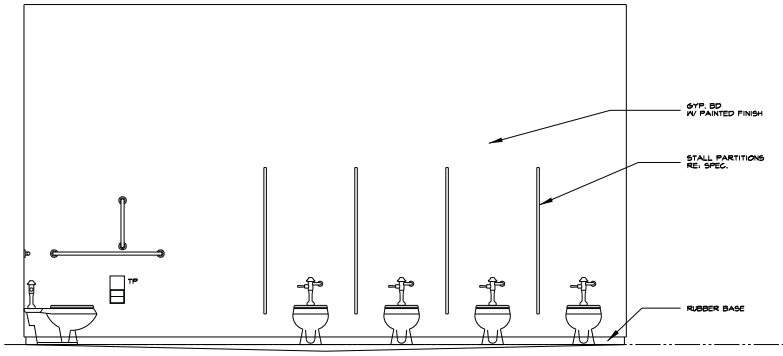
TELLURIDE TOWN PARK POOL

TOWN PARK
TELLURIDE, COLORADO

DRAWING: INTERIOR ELEV.	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	8-11-2014
JOB NO. 1402	

SHEET NO.
A8.1

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS

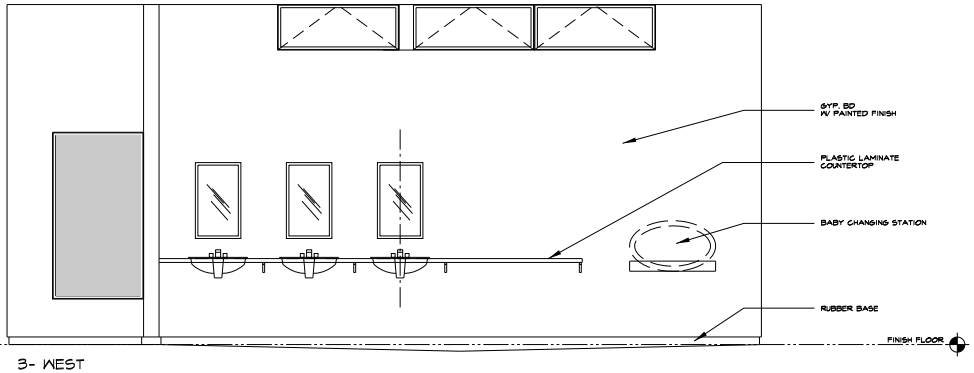


1- EAST

1 WOMENS RESTROOM #101

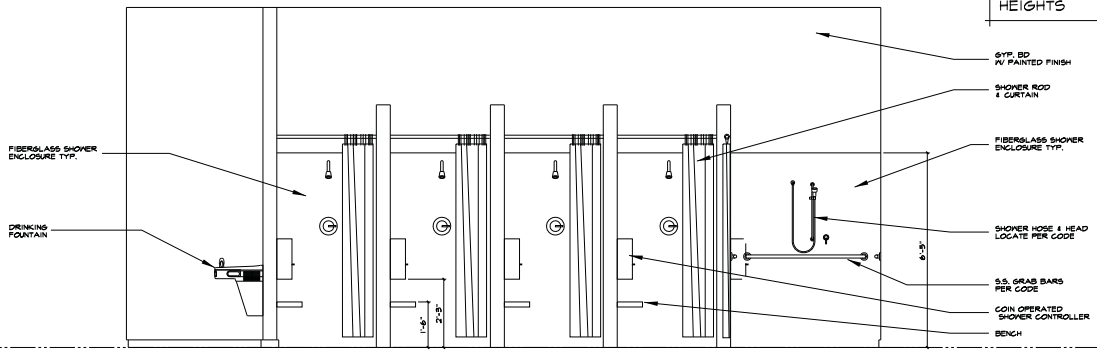
½" = 1'-0"

0 1 2 4



3- WEST

NOTE: SEE SHEET A8.1 FOR STANDARD ACCESSORIES MOUNTING HEIGHTS

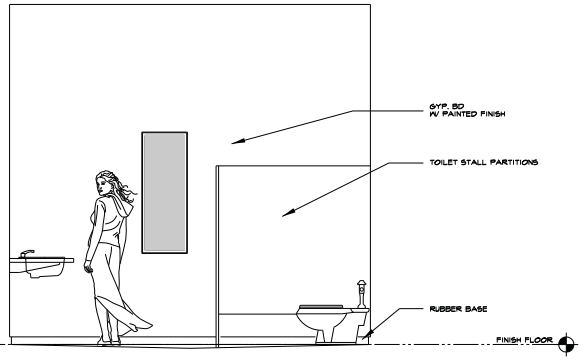


3- WEST

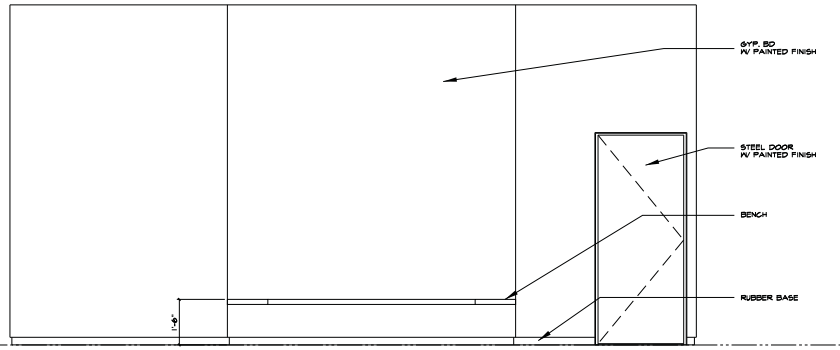
2 SHOWERS #103 (#109 SIM.)

½" = 1'-0"

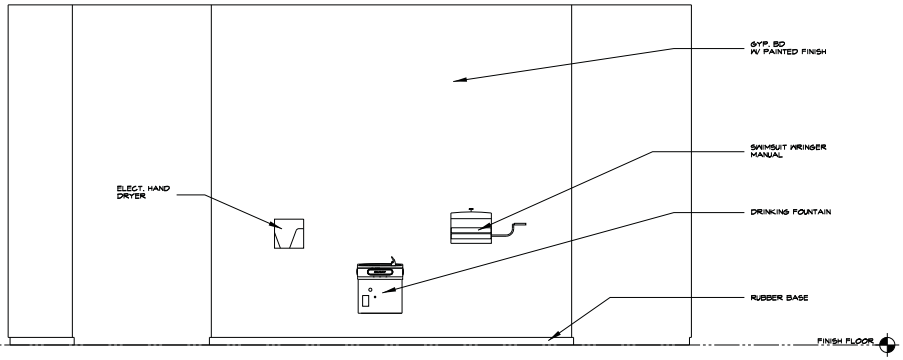
0 1 2 4



4- NORTH



2- SOUTH



4- NORTH

3 CHANGING AREA #102 (108 SIM.)

½" = 1'-0"

0 1 2 4

CCA

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS
610 EAST HYMAN AVE. I ASPEN, CO 81611 I TEL: 970.925.5590 I FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

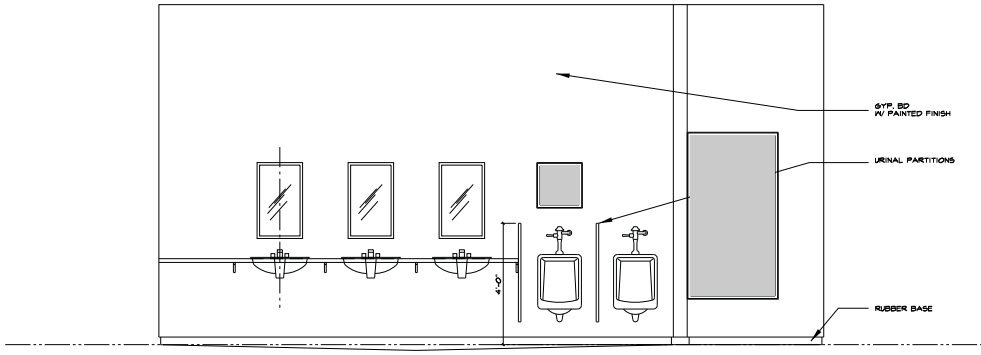
TOWN PARK
TELLURIDE, COLORADO

DRAWING: INTERIOR ELEV.	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	8-11-2014
JOB NO. 1402	

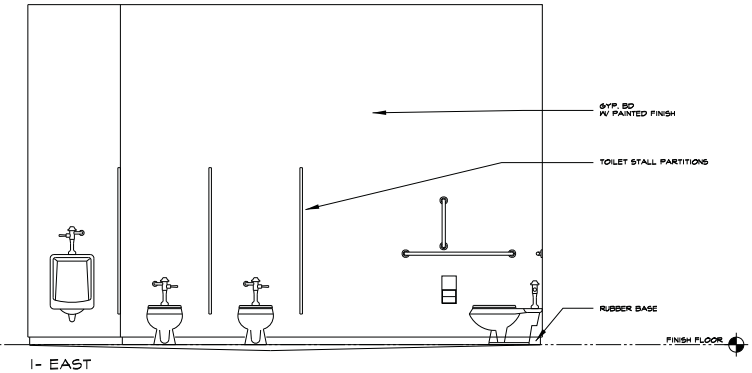
SHEET NO.

A8.2

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS



2- WEST

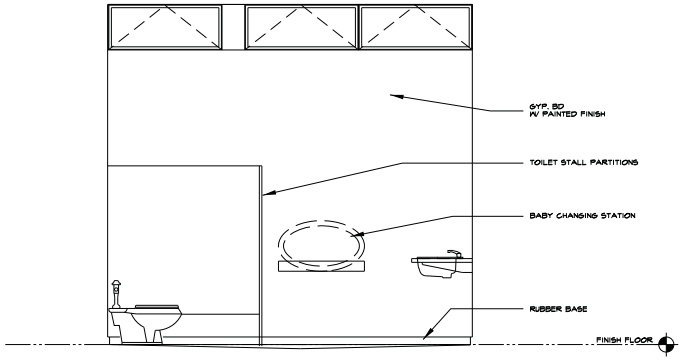


1- EAST

1 MENS RESTROOM #107

1/2" = 1'-0"

0 1 2 4



2- SOUTH

NOTE: SEE SHEET A8.1 FOR STANDARD ACCESSORIES MOUNTING HEIGHTS

CCA

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. I ASPEN, CO 81611 I TEL: 970.925.5590 I FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

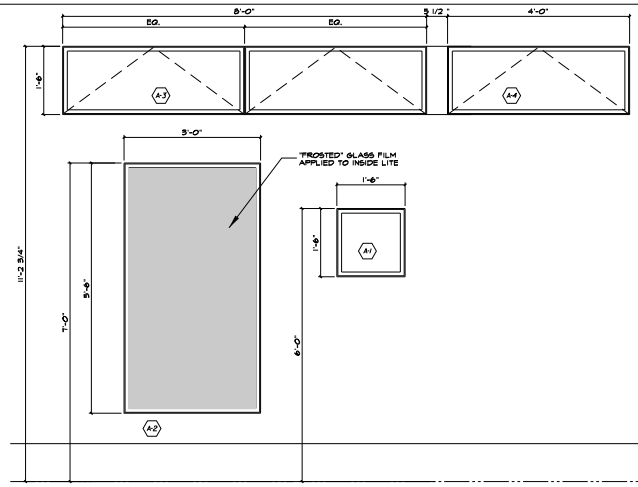
TOWN PARK
TELLURIDE, COLORADO

DRAWING: INTERIOR ELEV.	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	8-11-2014
JOB NO. 1402	

SHEET NO.

A8.3

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS

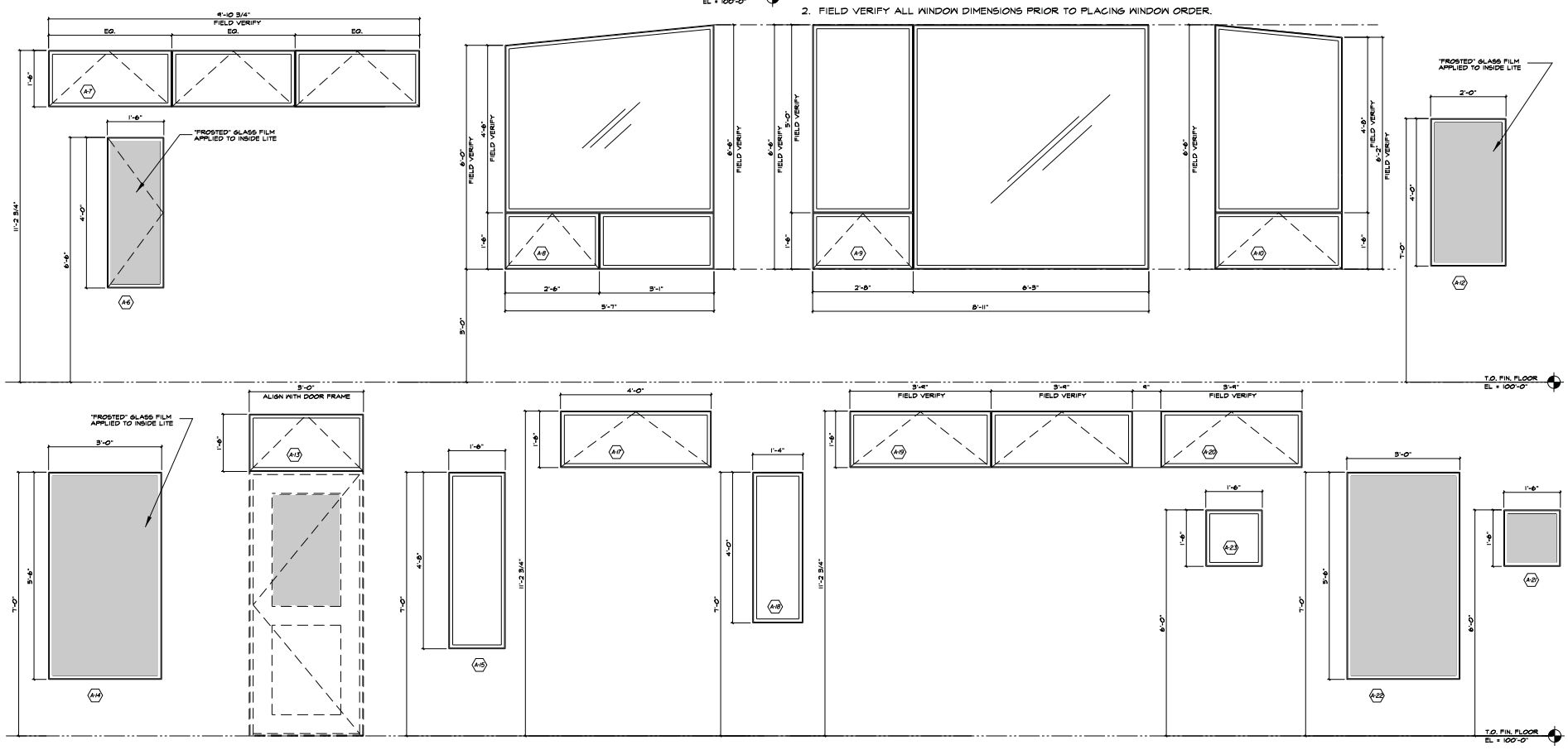


WINDOW SCHEDULE

NUMBER	SIZE (W x H)		OPERATION	MANF.	FINISH INTERIOR	FINISH EXTERIOR	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	MISC.	REMARKS	SHADE
A-1	1'-6"x 1'-6"		FIXED									
A-2	3'-0"x 5'-6"		FIXED								APPLY "FROSTED" FILM TO INSIDE LITE	
A-3	(2) 4'-0"x 1'-6"		AWNING									
A-4	4'-0"x 1'-6"		AWNING									
A-5	OMITTED											
A-6	1'-6"X 4'-0"		CASEMENT								APPLY "FROSTED" FILM TO INSIDE LITE	
A-7	(3) 3'-3 9/16"X 1'-6"		AWNING									
A-8	GANGED ASSEMB.		FIXED/AWNING								SEE ELEVATION DRAWING FOR SIZE & LAYOUT	
A-9	GANGED ASSEMB.		FIXED/AWNING								SEE ELEVATION DRAWING FOR SIZE & LAYOUT	
A-10	GANGED ASSEMB.		FIXED/AWNING								SEE ELEVATION DRAWING FOR SIZE & LAYOUT	
A-11	OMITTED											
A-12	2'-0"X 4'-0"		FIXED								APPLY "FROSTED" FILM TO INSIDE LITE	
A-13	3'-0"X 1'-6"		AWNING								TRANSOM OVER DOOR	
A-14	3'-0"X 5'-6"		FIXED								APPLY "FROSTED" FILM TO INSIDE LITE	
A-15	1'-6"X 4'-8"		FIXED									
A-16	OMITTED											
A-17	4'-0"X 1'-6"		AWNING									
A-18	1'-4"X 4'-0"		FIXED									
A-19	(2) 3'9"X 1'-6"		AWNING									
A-20	3'-9"X 1'-6"		AWNING									
A-21	1'-6"X 1'-6"		FIXED								APPLY "FROSTED" FILM TO INSIDE LITE	
A-22	3'-0"X 5'-6"		FIXED								APPLY "FROSTED" FILM TO INSIDE LITE	
A-23	1'-6"X 1'-6"		FIXED									

NOTE:

1. WINDOW DIMENSIONS ARE TO OUTSIDE OF FRAME, ADD 1/2" FOR R.O.
2. FIELD VERIFY ALL WINDOW DIMENSIONS PRIOR TO PLACING WINDOW ORDER.



CCA

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. I ASPEN, CO 81611 I TEL: 970.925.5590 I FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

TOWN PARK
TELLURIDE, COLORADO

DRAWING: SCHEDULES	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	8-11-2014
JOB NO. 1402	

SHEET NO.

A10.1

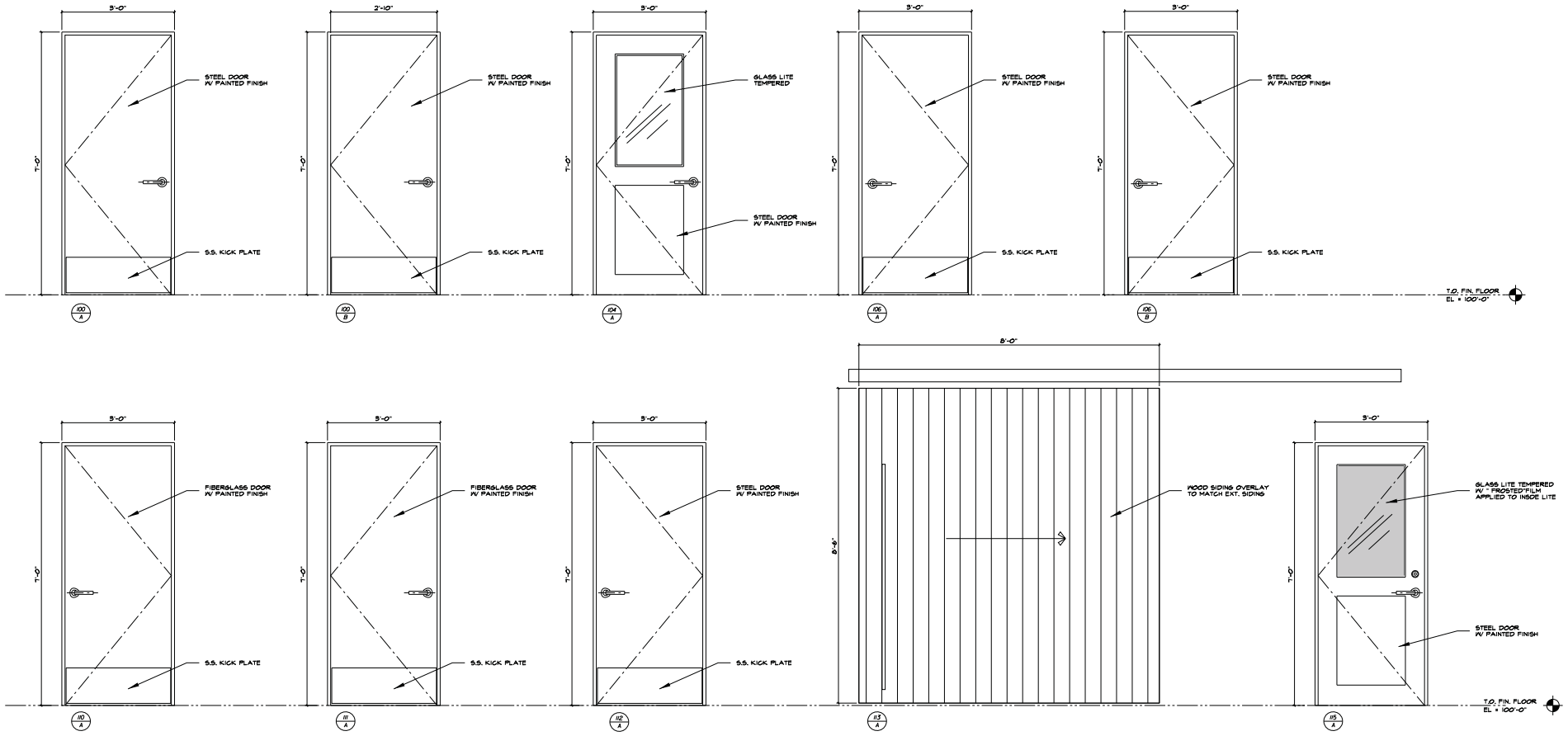
©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS

DOOR SCHEDULE

DOOR					MATERIALS		DETAILS			INFO						
NUMBER	WIDTH	HEIGHT	THICK	TYPE	DOOR	FRAME	HEAD	JAMB	SILL	RATING	MANF.	MODEL	SHADE	SCREEN	REMARKS	NOA
100-A	3'-0"	7'-0"	1 3/4"	EXT.	STEEL	STEEL										
100-B	3'-0"	7'-0"	1 3/4"	INT.	STEEL	STEEL										
104-A	3'-0"	7'-0"	1 3/4"	EXT.	STL/GLAS	STEEL										
106-A	3'-0"	7'-0"	1 3/4"	EXT.	STEEL	STEEL										
106-B	3'-0"	7'-0"	1 3/4"	INT.	STEEL	STEEL										
110-A	3'-0"	7'-0"	1 3/4"	EXT.	FIBERGLS.	FIBERGLS.									MUST HAVE S.S. HINGES & LOCKSET	
111-A	3'-0"	7'-0"	1 3/4"	EXT.	FIBERGLS.	FIBERGLS.									MUST HAVE S.S. HINGES & LOCKSET	
112-A	3'-0"	7'-0"	1 3/4"	EXT.	STEEL	STEEL										
113-A	8'-0"	8'-6"	3 3/4"	EXT.	WOOD	WOOD									SLIDING BARN DOOR W/WD OVERLAY	
115-A	3'-0"	7'-0"	1 3/4"	EXT.	STL/GLAS	STEEL									APPLY "FROSTED" FILM TO INSIDE LITE	

NOTE:

1. DOORS 100A, 100B, 106A, 106B & 115A MAY NOT HAVE CLOSERS IF THEY HAVE LATCHES, PER ICC/ANSI A117.1-2003, SECT. 404.2.3.4



CCA

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. | ASPEN, CO 81611 | TEL: 970.925.5580 | FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

TOWN PARK
TELLURIDE, COLORADO

DRAWING: DOOR SCHEDULE	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	8-11-2014
JOB NO. 1402	

SHEET NO.

A10.2

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS

FINISH SCHEDULE

ROOM		FLOOR			BASE			DOORS			WINDOWS			CASE			N-WALL			E-WALL			S-WALL			W-WALL			CEILING			MILLWORK			COUNTERS			REMARKS
NO.	NAME	MAT'L	FIN.		MAT'L	FIN.		MAT'L	FIN.		MAT'L	FIN.		MAT'L	FIN.		MAT'L	FIN.		MAT'L	FIN.		MAT'L	FIN.		MAT'L	FIN.		MAT'L	FIN.		MAT'L	FIN.		MAT'L	FIN.		
001	MECHANICAL ROOM	CONC	BRM	SE	RBR									WD	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		NA			NA			
100	WOMENS ENTRY	CONC	BRM	SE	RBR									WD	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		NA			NA			
101	WOMENS RESTROOM	CONC	BRM	SE	RBR									WD	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		NA			PLAM			
102	WOMENS CHANGING AREA	CONC	BRM	SE	RBR									WD	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		WD	CLR	SE	NA			
103	WOMENS SHOWER	CONC	BRM	SE	RBR									WD	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		NA			PLAM			
104	OFFICE	CONC	BRM	SE	RBR									WD	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		WD	CLR	SE	PLAM			
106	MENS ENTRY	CONC	BRM	SE	RBR									WD	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		NA			NA			
107	MENS RESTROOM	CONC	BRM	SE	RBR									WD	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		NA			PLAM			
108	MENS CHANGING AREA	CONC	BRM	SE	RBR									WD	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		WD	CLR	SE	NA			
109	MENS SHOWER	CONC	BRM	SE	RBR									WD	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		NA			NA			
110	CHEMICAL STORAGE ROOM CHLOR	CONC	BRM	SE	RBR									WD	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		NA			NA			
111	CHEMICAL STORAGE ROOM (ACID)	CONC	BRM	SE	RBR									WD	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		NA			NA			
112	STAIR	NA			NA									WD	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		NA			NA			
113	STORAGE	CONC	BRM	SE	RBR									WD	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		WD	CLR	SE	NA			
115	FAMILY ROOM	CONC	BRM	SE	RBR									WD	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		GYP	PT		WD			PLAM			

LEGEND MATERIALS

CONC -	CONCRETE	CPT -	CARPET	RBR-	RUBBER
GYP -	GYPSUM WALL BOARD	ST -	STEEL		
PLA -	PLASTER	GR -	GRANITE		
WD -	WOOD	T -	TILE		
STO -	STONE	MT -	MARBLE TILE		
PLAM -	PLASTIC LAMINATE	VT -	VINYL TILE		

LEGEND FINISHES

PT -	PAINT	CLR-	CLEAR
LA -	LACQUER		
ST -	STAIN		
SE -	SEALER		
TX -	TEXTURED		
BRM-	BROOM		

FINISH NOTES

1. WOOD TYPES: COORDINATE WITH SPECIFICATIONS AND ARCHITECT FOR WOOD SPECIES TO BE USED THIS PROJECT
2. PAINT COLORS: COORDINATE WITH OWNER
3. STAINS: VERIFY WITH SPECIFICATIONS AND ARCHITECT

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. | ASPEN, CO 81611 | TEL: 970.925.5590 | FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

TOWN PARK
TELLURIDE, COLORADO

DRAWING:	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	8-11-2014
JOB NO. 1402	

SHEET NO.

A10.3

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS

STRUCTURAL ABBREVIATIONS

A.B. -ANCHOR BOLT
A/C -AIR CONDITIONER
ADJ. -ADJACENT
A.F.F. -ABOVE FINISHED FLOOR
A.F.G. -ABOVE FINISHED GRADE
AGGR. -AGGREGATE
AHU -AIR HANDLING UNIT
ANCH. -ANCHOR
L -ANGLE
APPD. -APPROVED
APPROX. -APPROXIMATE
ARCH'L -ARCHITECTURAL
@ -AT
& -AND

BCX -BOTTOM CHORD EXTENSION
BLDG. -BUILDING
BLK. -BLOCK
BLKG. -BLOCKING
BM. -BEAM
B.O.W. -BOTTOM OF WALL
BP -BASE PLATE
BRG. -BEARING
BSMT. -BASEMENT
BOT. -BOTTOM
BTWN. -BETWEEN
BRDG. -BRIDGING

CANT. -CANTILEVER
℄ -CENTERLINE
C.I.P. -CAST IN PLACE
CJ -CONSTRUCTION JOINT
CLR. -CLEAR
CMU -CONCRETE MASONRY UNIT
COL. -COLUMN
CONC. -CONCRETE
CONN. -CONNECTION
CONSTR. -CONSTRUCTION
CONT. -CONTINUOUS
CONTR. -CONTRACTOR
COORD. -COORDINATE
CNTRD. -CENTERED

D.B. -DIAGONAL BRACE
DBL. -DOUBLE
DET. -DETAIL
DIA.(OR Ø) -DIAMETER
DIAG. -DIAGONAL
DIM. -DIMENSION
DIST. -DISTANCE
DL -DEAD LOAD
DWG. -DRAWING
DWL. -DOWEL

E. -EAST
EA. -EACH
E.F. -EACH FACE
EL. -ELEVATION
ELEC. -ELECTRICAL
ENGR. -ENGINEER
EPS -EXPANDED POLY-STYRENE
EQ. -EQUAL
EXIST. -EXISTING
EXP. -EXPANSION
EXT. -EXTERIOR
E.W. -EACH WAY

FAB. -FABRICATE
F.D. -FLOOR DRAIN
FIN. -FINISH
FLR. -FLOOR
FDN. -FOUNDATION
FRMG. -FRAMING
FT. -FOOT
FTG. -FOOTING

GA. -GAGE (OR GAUGE)
GALV. -GALVANIZED
G.L. -GLULAM
GR. -GRADE
GR.BM. -GRADE BEAM
GYP. -GYPSUM

H.S. -HEADED STUD
HDR. -HEADER
HGR. -HANGER
HORIZ. -HORIZONTAL
HT. -HEIGHT

I.F. -INSIDE FACE
IN. -INCH
INFO. -INFORMATION
INT. -INTERIOR
INTERM. -INTERMEDIATE

JST. -JOIST
JT. -JOINT

K -KIP (1000 LBS)
KSF -KIPS PER SQUARE FOOT
KSI -KIPS PER SQUARE INCH

LAT. -LATERAL
LBS. -POUNDS
LDGR. -LEDGER
LL -LIVE LOAD
LLH -LONG LEG HORIZONTAL
LLV -LONG LEG VERTICAL
LONG. -LONGITUDINAL

MAT'L -MATERIAL
MAX. -MAXIMUM
MC -MOMENT CONNECTION
MCJ -MASONRY CONTROL JOINT
MECH'L -MECHANICAL
MEZZ. -MEZZANINE
MFR. -MANUFACTURER
MIN. -MINIMUM
MISC. -MISCELLANEOUS
M.L. -MICRO-LAM BEAM
MTL. -METAL

N. -NORTH
NO. OR # -NUMBER
NOM. -NOMINAL
N.S. -NON-SHRINK
N.T.S. -NOT TO SCALE

O.C. -ON CENTER
O.D. -OVERFLOW DRAIN
O.F. -OUTSIDE FACE
O.H. -OPPOSITE HAND
OPNG. -OPENING
OPP. -OPPOSITE

PL. -PLATE
PENETR. -PENETRATION
PERIM. -PERIMETER
PERP. -PERPENDICULAR
PRELIM. -PRELIMINARY
PROJ. -PROJECTION
PSF -POUNDS PER SQUARE FOOT
PSI -POUNDS PER SQUARE INCH
PT. -POINT

QTY. -QUANTITY

R -RADIUS
RD -ROOF DRAIN
REF. -REFERENCE (REFER TO)
REINF. -REINFORCING
REM. -REMAINDER
REQD. -REQUIRED
REQMT. -REQUIREMENT
RTU -ROOF TOP UNIT

S. -SOUTH
SCHED. -SCHEDULE
SECT. -SECTION
SHT. -SHEET
SIM. -SIMILAR
SJ -SAWN JOINT (CONTROL JOINT)
SP. -SPACE
SPEC. -SPECIFICATIONS
SQ. -SQUARE
STD. -STANDARD
STIFF. -STIFFENER
STGR. -STAGGERED
STL. -STEEL
STIR. -STIRRUP
STRUCT. -STRUCTURAL
SUPT. -SUPPORT
SYMM. -SYMMETRICAL

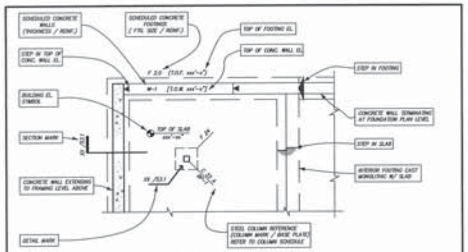
T & B -TOP AND BOTTOM
TCX -TOP CHORD EXTENSION
TEMP. -TEMPERATURE
T & G -TONGUE AND GROOVE
THK. -THICKNESS
TJI -TRUSS JOIST
T.O.B. -TOP OF BEAM
T.O.S.C. -TOP OF STRUCTURAL CONCRETE
T.O.F. -TOP OF FOOTING
T.O.S. -TOP OF STEEL
T.O.W. -TOP OF WALL
TRANSV. -TRANSVERSE
TS -TUBULAR STEEL
TYP. -TYPICAL

U.N.O. -UNLESS NOTED OTHERWISE

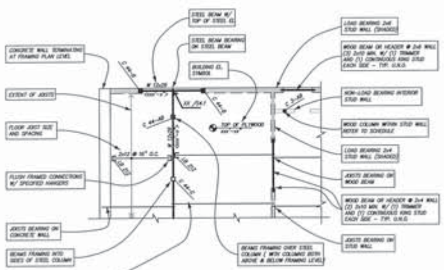
VAR. -VARIES
VERT. -VERTICAL

W. -WEST
W/ -WITH
WD. -WOOD
WL -WIND LOAD
W/O -WITHOUT
W.P. -WORK POINT
WT. -WEIGHT
W.W.F. -WELDED WIRE FABRIC

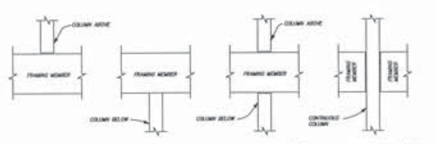
X.B. -X-BRACE



REFERENCE FOR FOUNDATION PLANS
STRUCTURAL SYMBOLS



REFERENCE FOR FRAMING PLANS
STRUCTURAL SYMBOLS



COLUMN CONDITION - "A" COLUMN ABOVE FRAMING LEVEL ONLY
COLUMN CONDITION - "B" COLUMN BELOW FRAMING LEVEL ONLY
COLUMN CONDITION - "AB" COLUMN ABOVE & BELOW FRAMING LEVEL
COLUMN CONDITION - "C" CONTINUOUS COLUMN THRU FRAMING LEVEL

COLUMN DESIGNATIONS

GENERAL NOTES

ALL WORK SHALL BE PERFORMED ACCORDING TO THE FOLLOWING NOTES AND APPLICABLE SECTIONS OF THE BUILDING CODE, UNLESS NOTED OTHERWISE ON THESE DOCUMENTS.

1. GENERAL CONDITIONS

- ALL DETAILS DESIGNATED AS "TYPICAL DETAILS" APPLY GENERALLY TO THE DRAWINGS IN ALL AREAS WHERE CONDITIONS ARE SIMILAR TO THOSE SHOWN IN THESE DETAILS.
- SLEEVES AND BLOCKOUTS REQUIRED FOR PASSAGE OF DUCTWORK, PIPING, DRAINS, CONDUIT, ETC. ARE NOT GENERALLY INDICATED ON THE STRUCTURAL DRAWINGS. THE CONTRACTOR SHALL DETERMINE ANY SUCH REQUIREMENTS FROM ARCHITECTURAL, MECHANICAL, ELECTRICAL, OR PLUMBING DRAWINGS (IN ADDITION TO ANY REQUIRED ANCHORAGES) PRIOR TO FABRICATION OR CONSTRUCTION OF STRUCTURAL ELEMENTS. ANY CONFLICTS BETWEEN THESE ITEMS AND STRUCTURAL MEMBERS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION.
- VERIFY ALL OPENINGS THROUGH FLOOR, ROOF, AND WALLS WITH MECHANICAL AND ELECTRICAL CONTRACTORS.
- NOTCHING OR CUTTING OF ANY STRUCTURAL MEMBER IS PROHIBITED UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS.
- ALL DIMENSIONS ON STRUCTURAL PLANS TO BE CHECKED AGAINST ARCH'L PLANS. NOTIFY ARCHITECT AND STRUCTURAL ENGINEER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH CONSTRUCTION.
- STRUCTURAL ENGINEER'S APPROVAL MUST BE SECURED FOR ALL CHANGES FROM STRUCTURAL PLANS. ANY UNAUTHORIZED MODIFICATIONS ARE AT THE RISK OF THE PERSON MAKING THE CHANGE.
- CONTRACTOR SHALL INSTALL ADEQUATE TEMPORARY BRACING TO PROVIDE LATERAL STABILITY FOR THE STRUCTURE DURING CONSTRUCTION.
- IMMEDIATELY NOTIFY THE ENGINEER IF, DURING CONSTRUCTION, A CONDITION WHICH IS NOT COVERED BY THESE DRAWINGS IS DISCOVERED.

2. DESIGN LOADS

- DESIGN LIVE LOADING IS AS FOLLOWS:

ROOF (SNOW) .... 75 PSF
FLOOR
OFFICE .... 75 PSF
RESTROOM/SHOWER .... 75 PSF
STORAGE .... 75 PSF
SEISMIC SITE CLASS .... D
WIND LOAD CRITERIA
BASIC WIND SPEED .... 75 MPH (90 MPH, 3 SECOND GUST)
EXPOSURE .... B
IMPORTANCE FACTOR 1.0
MEAN ROOF HEIGHT .... 15 FT

- DESIGN LOADS USED FOR MECHANICAL ROOMS ARE BASED ON WEIGHTS OF ASSUMED EQUIPMENT AS INDICATED ON THE MECHANICAL DRAWINGS. ANY SUBSEQUENT CHANGES OR VARIATIONS IN SIZE, TYPE, OR NUMBER OF UNITS SHOULD BE REPORTED TO THE STRUCTURAL ENGINEER FOR VERIFICATION OF SUPPORTING MEMBERS. THIS SHALL BE DONE PRIOR TO THE PLACEMENT AND INSTALLATION OF THIS EQUIPMENT.
- INCREASED DESIGN LOADS USED IN SPECIFIC AREAS (INDICATED ON PLAN) ARE BASED ON WEIGHTS OF ASSUMED EQUIPMENT AS INDICATED ON THE MECHANICAL AND EQUIPMENT DRAWINGS. ANY SUBSEQUENT CHANGES OR VARIATIONS IN SIZE, TYPE, OR NUMBER OF UNITS SHOULD BE REPORTED TO THE STRUCTURAL ENGINEER FOR VERIFICATION OF SUPPORTING MEMBERS. THIS SHALL BE DONE PRIOR TO THE PLACEMENT AND INSTALLATION OF THIS EQUIPMENT.

3. CODES AND SPECIFICATIONS

- BUILDING CODE: 2012 INTERNATIONAL BUILDING CODE
- STRUCTURAL STEEL: "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, THIRTEENTH EDITION
- STRUCTURAL CONCRETE: "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI-301)", THE AMERICAN CONCRETE INSTITUTE

4. SITE EXCAVATION

- THE SIDES OF ALL SOIL EXCAVATIONS DEEPER THAN 5 FEET SHALL BE LAID BACK TO A SLOPE OF 2.0 HORIZONTAL TO 1.0 VERTICAL.
- CONTRACTOR SHALL COMPLY WITH ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION STANDARDS FOR TRENCH SAFETY.

5. FOUNDATION AND SITE CONDITIONS

- FOUNDATION DESIGN IS BASED ON BUCKHORN GEOTECH'S SOILS REPORT DATED MARCH 6, 2014. RECOMMENDATIONS IN THIS REPORT MUST BE FOLLOWED.

ALLOWABLE SOIL BEARING PRESSURE .... 2500 PSF

- A PERIMETER FOUNDATION DRAIN SYSTEM SHALL BE INSTALLED TO DAYLIGHT DOWNHILL AND AWAY FROM THE FOUNDATION SITE.
- AT NO TIME, EITHER DURING OR AFTER CONSTRUCTION, SHOULD SURFACE WATER BE ALLOWED TO STAND OR ACCUMULATE ADJACENT TO THE FOUNDATION.
- RADON GAS IS PREVALENT IN THE SOILS OF WESTERN COLORADO. THE EPA HAS WARNED THE PUBLIC OF THE DANGERS OF EXPOSURE TO THIS GAS WITHIN RESIDENTIAL DWELLINGS AND RECOMMENDS MITIGATION MEASURES. FOR INFORMATION, CONTACT THE RADON DIVISION OF THE ENVIRONMENTAL PROTECTION AGENCY IN DENVER, COLORADO.
- MOISTURE PROTECTION INFORMATION SHALL BE THE RESPONSIBILITY OF THE ARCHITECT AND SHOULD BE COORDINATED BY THE CONTRACTOR.
- PRIOR TO PLACEMENT OF STRUCTURAL FILL, SUBGRADE SHALL BE GRADED LEVEL.
- ALL BEARING SOIL SHALL BE UNDISTURBED (UN-EXCAVATED) NATIVE SOIL PROOF-COMPACTED AND FREE OF DEBRIS AND ORGANIC MATERIAL.
- STRUCTURAL FILL SHALL BE PLACED IN LIFTS NOT TO EXCEED 6".
- BACKFILL AGAINST EXTERIOR WALLS SHALL BE FREE-DRAINING GRANULAR MATERIAL WITH LESS THAN 5% PASSING THE #200 SIEVE AND NO MORE THAN 50% RETAINED ON THE #4 SIEVE. FILL SHALL THEN BE CAPPED WITH A 24 INCH THICK CLAYEY SOIL LAYER AT THE FINISHED GROUND SURFACE. COMPACT ALL BACKFILL MATERIAL AS DIRECTED BY THE SOILS ENGINEER.
- DO NOT PLACE BACKFILL AGAINST WALLS OR GRADE BEAMS UNTIL THEY ARE ADEQUATELY BRACED TO RESIST LATERAL MOVEMENT. DO NOT REMOVE ANY BRACING INSTALLED UNTIL PERMANENT LATERAL STABILITY OF THE BUILDING HAS BEEN ACHIEVED.
- WHERE BACKFILL IS REQUIRED ON BOTH SIDES OF A STRUCTURAL ELEMENT, BACKFILL SHALL BE PLACED SIMULTANEOUSLY ALONG BOTH SIDES SO THAT THE BACKFILL HEIGHT ON ANY ONE SIDE DOES NOT EXCEED THE HEIGHT OF THE OPPOSITE SIDE BY MORE THAN 48 INCHES.
- BACKFILL AGAINST EXTERIOR WALLS MAY BE SITE MATERIAL. ALL BACKFILL SHALL BE COMPACTED AS DIRECTED BY THE ENGINEER.

6. OBSERVATION / TESTING SCHEDULE

- VERIFY SOIL CONDITIONS AFTER EXCAVATION, BUT PRIOR TO PLACEMENT OF FORMS.
- VERIFY PLACEMENT AND COMPACTION OF STRUCTURAL FILL.
- CONCRETE TESTING FOR ALL FOOTINGS AND WALLS :
  - ONE SET OF (4) CONCRETE CYLINDERS TO BE SAMPLED FOR EACH 50 CUBIC YARDS, OR PORTION THEREOF.
  - CYLINDERS TO BE TESTED FOR COMPRESSIVE STRENGTH. TEST ONE CYLINDER AT 7 DAYS AND TWO CYLINDERS AT 28 DAYS. ONE CYLINDER TO BE HELD.
  - DISTRIBUTION OF CONCRETE TESTS TO OWNERS REPRESENTATIVE AND PROJECT ENGINEER.
- NOTIFY BUCKHORN GEOTECH AT LEAST ONE WORKING DAY PRIOR TO REQUESTING VERIFICATION, OBSERVATION, OR TESTING.

7. CONCRETE

- ALL CEMENT SHALL BE TYPE I/II (ASTM C 150).
- PROVIDE CONCRETE HAVING THE FOLLOWING GENERAL CHARACTERISTICS:

28 - DAY STRENGTH	MAXIMUM SLUMP	AGGREGATE SIZE (MAX.)	WATER/ CEMENT RATIO	AIR CONTENT	USAGE
3000 PSI	4 IN.	3/4 IN.	0.49	4% TO 7%	FOOTINGS
3000 PSI	4 IN.	3/4 IN.	0.51	0% ADDED	INTERIOR SLABS-ON-GRADE
3000 PSI	4 IN.	3/4 IN.	0.51	4% TO 7%	WALLS
3000 PSI	4 IN.	3/4 IN.	0.51	4% TO 7%	GRADE BEAMS
3000 PSI	4 IN.	3/4 IN.	0.51	0% ADDED	TOPPING SLABS

- WHERE FLY ASH IS PERMITTED, THE QUANTITY OF FLY ASH IS INCLUDED WITHIN THE SCHEDULED WATER/CEMENT (CEMENTITIOUS) RATIO ABOVE.
- ALL REINFORCING STEEL SHALL BE NEW HIGH STRENGTH DOMESTIC DEFORMED BARS, GRADE 60, ASTM 1615-88, EXCEPT # 3 COLUMN TIES, BEAM STIRRUPS, FIELD-BENT AND FIELD-WELDED BARS, WHICH SHALL BE GRADE 40.
- CORNER BARS, WHERE NEEDED, SHALL MATCH AND LAP ALL HORIZONTAL REINF. CARE SHOULD BE TAKEN DURING THE PLACEMENT OF LAPPED BARS TO INSURE THAT THERE IS ADEQUATE SPACE REMAINING FOR PROPER CONCRETE PLACEMENT AND COVER.
- SPLICES IN REINFORCING STEEL SHALL BE MADE USING A MINIMUM OF 40 BAR DIAMETER LAPS.
- PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCING AT ALL POSITIONS SHOWN ON THE STRUCTURAL DRAWINGS.
- PROVIDE (2) - #5 (1 EACH FACE) WITH 2 FOOT PROJECTION AROUND ALL OPENINGS IN CONCRETE.
- REINFORCEMENT CONCRETE COVER PROTECTION MINIMUMS:
  - A. CONCRETE PLACED AGAINST EARTH......3 INCHES
  - B. CONCRETE PLACED IN FORMS BUT EXPOSED TO WEATHER OR EARTH:
    - a. IF BARS ARE LARGER THAN NO. 5 ...... 2 INCHES
    - b. IF BARS ARE NO. 5 OR SMALLER ...... 1-1/2 INCH
  - C. COLUMNS, GIRDERS AND BEAMS ...... 1-1/2 INCH
  - D. SLABS AND WALLS ...... 3/4 INCH
- WIRE MESH REINFORCEMENT MUST LAP ONE FULL MESH AT SIDES AND ENDS, AND SHALL BE WIRED TOGETHER.
- SAWN JOINTS IN SLABS-ON-GRADE SHALL BE MADE WITHIN 24 HOURS FROM TIME OF PLACEMENT AND WITHOUT DAMAGE TO THE SURFACE. PROVIDE CONTROL JOINTS AT EACH COLUMN LINE AND AT MINIMUM OF 10 FEET ON CENTER UNLESS INDICATED OTHERWISE ON ENGINEERING DRAWINGS.
- CONTRACTOR SHALL COORDINATE LOCATION AND INSTALLATION OF ANY, AND ALL, EMBED ITEMS, OPENINGS, CONDUITS, PENETRATIONS, CURBS, DEPRESSIONS, ETC. AS THEY RELATE TO CAST-IN PLACE CONCRETE PRIOR TO CONCRETE PLACEMENT. INSTALLATION OF THESE ITEMS SHALL BE COORDINATED WITH TRADES REQUIRING THEM.
- ALL CONDUIT AND PIPE EMBEDDED IN CONCRETE SHALL CONFORM WITH ALL PROVISIONS SPECIFIED IN ACI 318, SECTION 6.3
- CONCRETE FORMS SHALL BE PLACED TO FOLLOW SLOPES AND GRADES KEEPING MEMBER DEPTHS CONSTANT AS DETAILED OR SCHEDULED, UNLESS NOTED OTHERWISE.

8. FIELD DRILLED EXPANSION ANCHORS

- FIELD DRILLED EXPANSION BOLTS SHALL BE AS PROVIDED BY SIMPSON STRONG-TIE.
- EXPANSION BOLTS, OF THE DIAMETER AND EMBEDMENT INDICATED ON THE STRUCTURAL DRAWINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, MANUFACTURER'S RECOMMENDATIONS, AND THE CURRENT I.C.B.O. REPORT FOR THE PRESCRIBED BOLT. WHERE PROVISIONS OF THE ABOVE REFERENCED DOCUMENTS ARE IN CONFLICT, THE MOST STRINGENT REQUIREMENT SHALL GOVERN.
- BOLTS SHALL BE INSTALLED PERPENDICULAR TO THE FACE OF STRUCTURE AND TIGHTENED AGAINST SMOOTH WASHERS TO THE MINIMUM TORQUE RECOMMENDED BY THE EXPANSION BOLT MANUFACTURER. THE MAXIMUM DEVIATION FROM PERPENDICULAR SHALL BE 10 DEGREES. ANY BOLTS INSTALLED OUTSIDE OF THE SPECIFIED TOLERANCES WILL BE CONSIDERED UNACCEPTABLE.
- ALL ABANDONED OR UNUSED DRILLED HOLES SHALL BE COMPLETELY FILLED WITH EPOXY GROUT.
- HOLES IN CONNECTION PLATES SHALL BE NO GREATER THAN 1/16" LARGER THAN THE BOLT DIAMETER. WHERE LARGER DIAMETER HOLES ARE NECESSARY FOR ERECTION PURPOSES, THE CONTRACTOR SHALL PROVIDE PLATE WASHERS WELDED TO THE CONNECTION PLATE SUFFICIENT TO TRANSFER THE SPECIFIED LOAD.

9. STRUCTURAL WOOD FRAMING

- SIZES SHOWN FOR SAWN LUMBER FRAMING ARE NOMINAL SIZES. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE.
- SAWN LUMBER: ALL SAWN LUMBER FOR STRUCTURAL FRAMING SHALL BE KILN DRIED HEM-FIR GRADED AS PER LATEST EDITION - NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION AND THE WESTERN WESTERN WOOD PRODUCTS ASSOCIATION AS FOLLOWS:

STRUCTURAL 2x JOIST AND FRAMING STUDS SHALL BE #2 HEM-FIR OR BETTER
Fb = 1050 PSI Fcperp = 405 PSI Fc = 1250 PSI Fv = 70 PSI

TIMBER FRAMING 5x5 AND LARGER (BEAMS): DOUGLAS FIR-LARCH #1 OR BETTER (WESTERN WOOD PRODUCTS ASSOCIATED GRADING RULES AGENCY)
Fb = 1350 PSI Fv = 85 PSI E = 1,600,000 PSI

TIMBER FRAMING 5x5 AND LARGER (POSTS): DOUGLAS FIR-LARCH #1 OR BETTER (WESTERN WOOD PRODUCTS ASSOCIATED GRADING RULES AGENCY)
Fb = 1200 PSI Fcperp = 625 PSI Fc = 850 PSI

- CONNECTORS SHOWN ON THE DRAWINGS ARE MANUFACTURED BY THE SIMPSON STRONG-TIE COMPANY. ANY CONNECTORS BY OTHER MANUFACTURER'S WILL BE DEEMED EQUIVALENT IF THEIR RATED CAPACITY IS AT LEAST EQUAL TO THAT OF THE CONNECTOR SPECIFIED. FOLLOW THE MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION.

10. MANUFACTURED WOOD PRODUCTS

- GLUE LAMINATED BEAMS
- GLUE LAMINATED BEAMS ARE DESIGNATED "GL" ON PLAN.
  - A. ALL LAMINATED MEMBERS SHALL BE FABRICATED WITH LUMBER OF A WESTERN SPECIES.
  - B. LAMINATED MEMBERS SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR THE DESIGN AND FABRICATION AND FABRICATION OF STRUCTURAL GLUED LAMINATED LUMBER, AS PUBLISHED BY AITC AND THE APPROPRIATE LUMBER PRODUCERS ASSOCIATION.
  - C. APPEARANCE GRADE SHALL BE INDUSTRIAL EXCEPT EXPOSED MEMBERS SHALL BE ARCHITECTURAL GRADE AND SUPPLIED INDIVIDUALLY WRAPPED.
  - D. LAMINATED MEMBERS SHALL BE BUILT UP USING 2" NOMINAL MATERIAL. SIZES SHOWN ON PLAN ARE NET SIZES.
  - E. ALLOWABLE UNIT STRESSES REQUIRED FOR DRY CONDITIONS OF USE FOR GLUED LAMINATED LUMBER ARE:
    1. MEMBERS STRESSED PRINCIPALLY IN BENDING (BEAMS)...COMBINATION 24F-V4. (CONTINUOUS OR CANTILEVER MEMBERS COMBINATION 24F-V8.)
       Fb = 2400 PSI Fv = 165 PSI E = 1,800,000 PSI
    2. MEMBERS STRESSED PRINCIPALLY IN AXIAL LOADS (COLUMNS)...COMBINATION 2.
       Fb = 2400 PSI Fc = 1650 PSI E = 1,600,000 PSI
- TJI FLOOR JOISTS

WOOD I MANUFACTURED FLOOR AND ROOF JOISTS ARE SPECIFIED ON PLANS. HANDLING, STORAGE AND ERECTION OF THIS TRUS JOIST PRODUCT SHALL COMPLY WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

- MICROLLAM LUMBER BEAMS
  - VERTICALLY LAMINATED VENEER HEADERS AND BEAMS SHOWN ON THE DRAWINGS AS "ML" ARE 1 3/4" THICK AS MANUFACTURED BY THE TRUS JOIST CORPORATION OF BOISE, IDAHO. ML BEAMS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. MULTIPLE MEMBERS SHALL BE FASTENED TOGETHER AS PER THE MANUFACTURER'S RECOMMENDATIONS. MICROLLAM BEAMS SHALL NOT BE USED WHERE EXPOSED TO WEATHER OR IN DIRECT CONTACT WITH EARTH.

    Fb = 2800 PSI Fv = 285 PSI E = 2,000,000 PSI
- PRE-ENGINEERED WOOD TRUSSES
  - ENGINEERED OPEN WEB ROOF TRUSSES ARE AS SHOWN AND PROFILED ON THE DRAWINGS. DESIGN TO CARRY LIVE LOADS INDICATED IN ACCORDANCE WITH THE BUILDING CODE, WITH A LOAD DURATION FACTOR OF 1.0 AND A MAXIMUM ALLOWABLE LIVE LOAD DEFLECTION OF SPAN/360.
  - SHOP DRAWINGS INCLUDING AN ERECTION/PLACEMENT PLAN AND STRUCTURAL CALCULATIONS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION. CALCULATIONS SHALL BE SEALED BY AN ENGINEER REGISTERED IN THE STATE OF COLORADO. SHOP DRAWINGS SHALL DETAIL EACH TRUSS TYPE, APPLICABLE CONNECTIONS, LAYOUT AND PERMANENT BRACING. SUPPLY ALL PLATES, BLOCKING, BRIDGING, BRACING, STIFFENERS, BLOCKS AND OTHER RELATED ITEMS AS RECOMMENDED BY THE FABRICATOR.
- PLYWOOD (OR O.S.B.) SHEATHING
  - A. PLYWOOD (OR O.S.B.) FOR ROOFS, FLOORS AND SHEAR WALL SHEATHING SHALL BE APA GRADE TRADEMARKED CDX WITH EXTERIOR GLUE. LAY UP PLYWOOD WITH FACE GRAIN PERPENDICULAR TO SUPPORTS AND STAGGER JOINTS. ALL NAILING TO BE COMMON NAIL, RING SHANKED FOR FLOOR AND ROOF SHEATHING. ALL FLOOR SHEATHING TO BE GLUED AND NAILED. REFER TO TABLE BELOW FOR USE REQUIREMENTS:

APPLICATION	DECK THICK.	SPAN RATING	EDGE NAILING	FIELD NAILING
LEVEL ROOF	3/4"	48/24	8d @ 6" O.C.	8d @ 12" O.C.
SLOPED ROOF	5/8"	32/16	8d @ 6" O.C.	8d @ 12" O.C.
FLOOR	3/4" T&G	48/24	8d @ 6" O.C.	8d @ 12" O.C.
SHEAR WALL	7/16"	24/0	8d @ 4" O.C.	8d @ 10" O.C.

  - C. A WATERPROOF BARRIER SHALL BE PROVIDED BETWEEN FLOOR SHEATHING AND ANY POURED CONCRETE FLOOR TOPPING.

11. STEEL FRAMING

- ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A992 EXCEPT PIPE COLUMNS WHICH SHALL CONFORM TO ASTM A53, GRADE B, AND STRUCTURAL TUBES (HSS) TO ASTM A500, GRADE B.
- STRUCTURAL STEEL SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH THE 13TH EDITION OF AISC MANUAL OF STEEL CONSTRUCTION AND CODE OF STANDARD PRACTICE.
- WELDED CONNECTIONS SHALL CONFORM TO THE LATEST EDITION OF THE "STRUCTURAL WELDING CODE - STEEL (ANSI/AWS D1.1) OF THE AMERICAN WELDING SOCIETY.
- ALL FIELD WELDERS SHALL HAVE EVIDENCE OF PASSING THE A.W.S. STANDARD QUALIFICATION TESTS.
- THE CONTRACTOR SHALL REVIEW SHOP AND FIELD WELD REQUIREMENTS FOR COMPATIBILITY WITH THE CONSTRUCTION SEQUENCE. PROPOSED REVISIONS TO WELDS SHALL BE INDICATED BY THE CONTRACTOR ON SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL.
- PAINT ALL STEEL EXPOSED TO EARTH WITH ASPHALTIC PAINT.
- TEMPORARY CONSTRUCTION BRACING OF THE STRUCTURAL STEEL FRAME SHOULD REMAIN IN PLACE UNTIL THE ROOF DEAD LOAD HAS BEEN APPLIED.

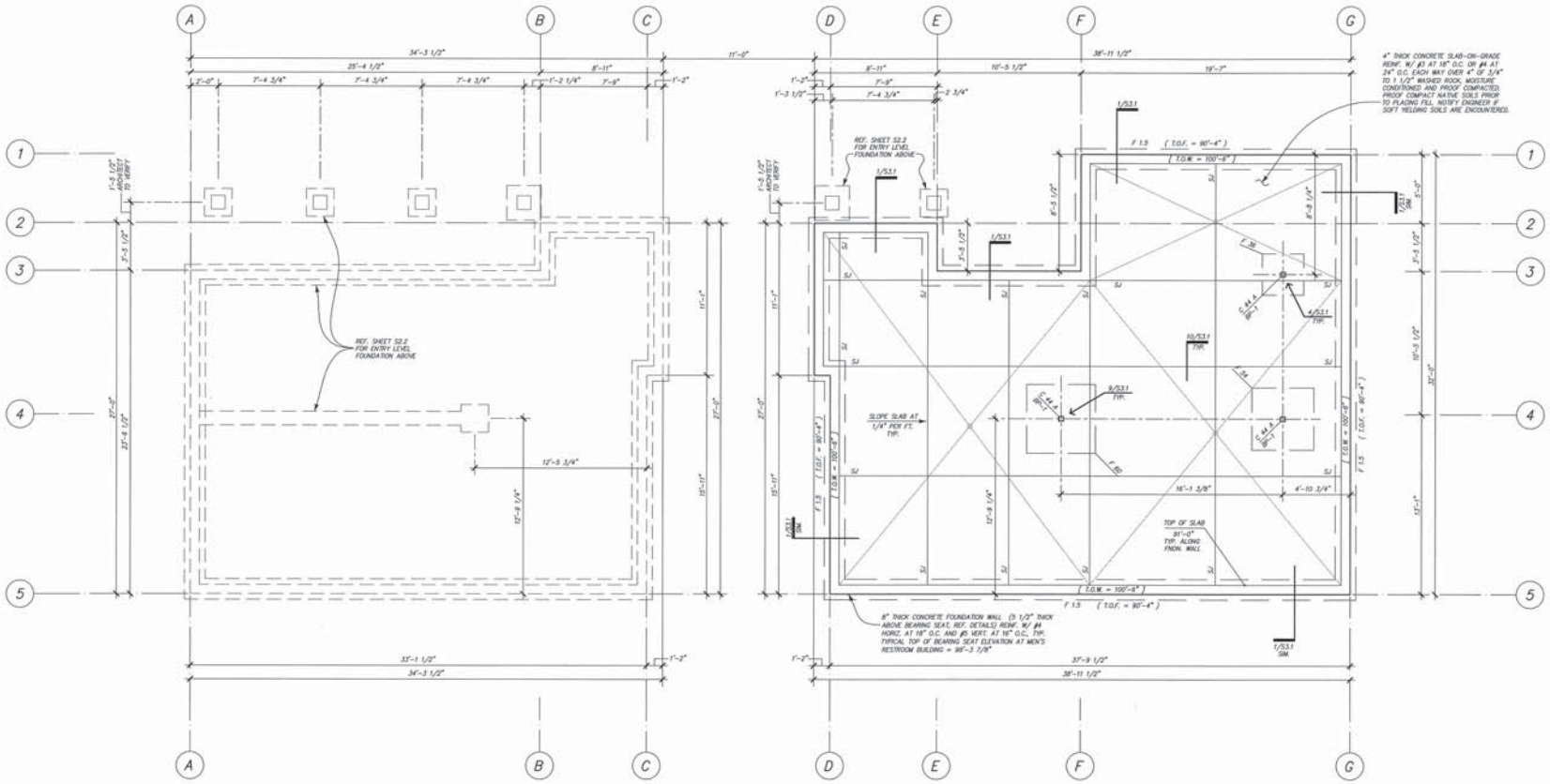
BUCKHORN GEOTECH
Civil, Structural & Geotechnical Engineers
222 So. Park Ave. Montrose, Colorado 81401
970-249-6828 Fax. No. 970-249-0945
www.buckhorngeo.com

COLORADO REGISTERED PROFESSIONAL ENGINEER 28527 6-5-14

DATE | REVISIONS

TELLURIDE TOWN PARK POOL
TOWN PARK
TELLURIDE, COLORADO

DESIGNED Wm. Ungerer
DRAWN C.B.
DATE 6/5/14
PROJ. NO. 14-005-STR
DRAWING NUMBER
S1.1
OF 6 DWGS.



COLUMN SCHEDULE

MARK	MATERIAL	SIZE	BASE PLATE	NOTES
C 3	WOOD	(3) 2 x 6	N / A	
C 3P	STEEL PIPE	3" DIA. SCH 40	REF. PLAN	
C 4	WOOD	(3) 2 x 8	N / A	
C 44	STEEL TUBE	HSS 4 x 4 x 1/4	REF. PLAN	
C 6	WOOD (DF #1)	6 x 6 POST	N / A	

SCHEDULE NOTES :

1. COLUMNS SHALL BE INDICATED ON PLAN THUS :

SCHEDULED COLUMN MARK → C 44 AB / BP-1

AB ← COLUMN LOCATION IN VERTICAL DIRECTION WITH RESPECT TO FRAMING LEVEL

BP-1 ← SCHEDULED BASE PLATE MARK WHERE APPLICABLE

EXAMPLE

A – COLUMN IS ABOVE FRAMING LEVEL ONLY
B – COLUMN IS BELOW FRAMING LEVEL ONLY
AB – COLUMN OCCURS BOTH ABOVE AND BELOW FRAMING LEVEL BUT IS NOT CONTINUOUS
C – COLUMN IS CONTINUOUS THRU FRAMING LEVEL

2. REFER TO GRAPHIC STANDARDS LEGEND LOCATED ON SHT. S 1.1 FOR ADDITIONAL EXPLANATION OF COLUMN DESIGNATIONS.

LOWER LEVEL FOUNDATION/ DIMENSIONAL CONTROL PLAN

1/4" = 1'-0"

FOOTING SCHEDULE

MARK	FOOTING SIZE W	L	T	REINFORCING	NOTES
F 1.0	12"	CONT.	10"	(2) #5 CONT.	
F 1.5	18"	CONT.	10"	(3) #5 CONT.	
F 24	24"	24"	10"	(3) #5 EACH WAY	
F 30	30"	30"	10"	(4) #5 EACH WAY	
F 36	36"	36"	10"	(4) #5 EACH WAY	
F 54	54"	54"	10"	(6) #5 EACH WAY	
F 60	60"	60"	10"	(6) #5 EACH WAY	

LOWER LEVEL FOUNDATION PLAN NOTES:

1. REFER TO SHT. S 1.1 FOR GENERAL NOTES.
2. REFER TO SHTS. S 3.1 AND S 3.2 FOR TYPICAL DETAILS NOT NOTED ON PLAN.
3. ALL ELEVATIONS INDICATED ON PLAN ARE BASED UPON AN ASSUMED DATUM ELEVATION OF 100'-0". REFER TO ARCHITECTURAL DRAWINGS FOR ACTUAL ELEVATION.
4. TOP OF SLAB ELEVATION IS NOTED ON PLAN THUS:
   TOP OF SLAB xxx'-x.x"
5. TOP OF FOOTING ELEVATION IS NOTED ON PLAN THUS:
   [T.O.F. xx'-x"]
6. TOP OF CONCRETE WALL ELEVATION IS NOTED ON PLAN THUS:
   [T.O.W. xx'-x"]
7. PROVIDE (2)-#4 x 3'-0" DOWELS CNTRD. IN SLAB AT ALL INTERIOR CORNERS WITHOUT A CONSTRUCTION JOINT.
8. SURFACE DRAINAGE SHOULD BE STRICTLY CONTROLLED SO THAT NO WATER IS PERMITTED TO STAND OR ACCUMULATE NEAR THE FOUNDATION EITHER DURING OR AFTER CONSTRUCTION.
9. THE CONTRACTOR SHALL DETERMINE CRITICAL FOUNDATION ELEVATIONS BASED UPON INFORMATION SHOWN ON THE STRUCTURAL DRAWINGS AND SITE GRADING.
10. CONTRACTOR SHALL COORDINATE ALL TOP OF WALL AND BEARING PLATE ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
11. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION AND EXTENT OF ALL CURBS, LEDGES, POCKETS, OR DEPRESSIONS.

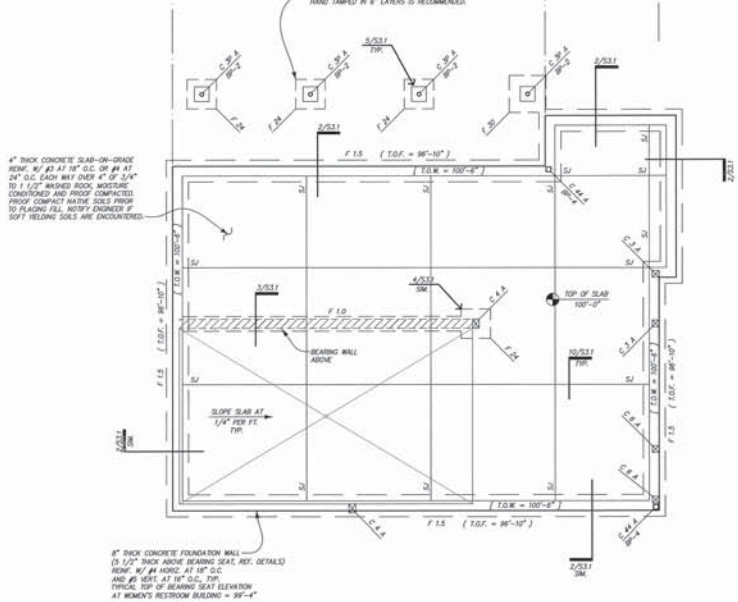
BUCKHORN GEOTECH
Civil, Structural & Geotechnical Engineers
222 S. Mill St., Suite 305
Lexington, KY 40507
970-249-8255 Fax: 970-249-8261
www.buckhorngeo.com

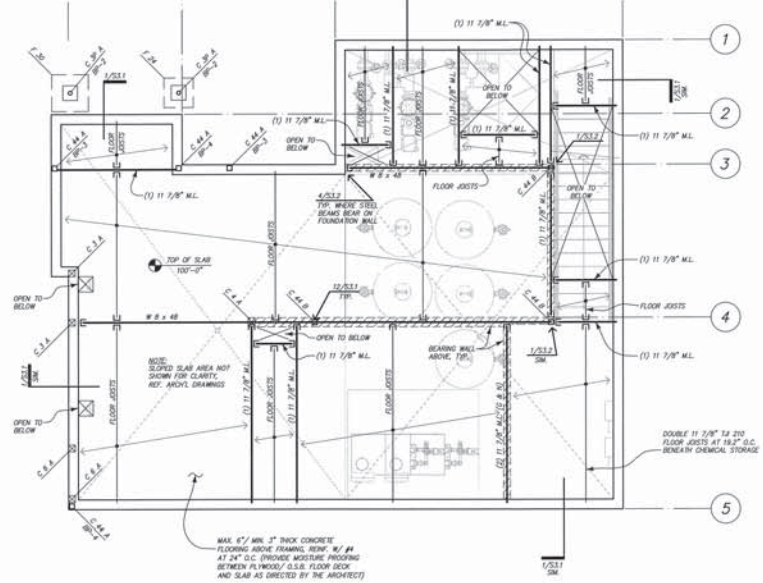
AS-BUILT DRAWINGS
6-5-14
28527
PROFESSIONAL ENGINEER

DATE	REVISIONS

TELLURIDE TOWN PARK POOL
TOWN PARK
TELLURIDE, COLORADO

DESIGNED Wm. Ungerer
DRAWN C.B.
DATE 6/5/14
PROJ. NO. 14-005-STR
DRAWING NUMBER
S2.1
OF 6 DWGS.





OVER LOWER LEVEL WALLS BELOW

ENTRY LEVEL FOUNDATION/ FRAMING PLAN

1/4" = 1'-0"

TYPICAL FLOOR JOIST
11 7/8" TJI 210 @ 16" O.C. W/
WEB STIFFENERS (AS REQUIRED
BY MFR.) AT EACH END,
UNLESS NOTED OTHERWISE

COLUMN SCHEDULE

MARK	MATERIAL	SIZE	BASE PLATE	NOTES
C 3	WOOD	(3) 2 x 6	N / A	
C 3P	STEEL PIPE	3" DIA. SCH 40	REF. PLAN	
C 4	WOOD	(3) 2 x 8	N / A	
C 44	STEEL TUBE	HSS 4 x 4 x 1/4	REF. PLAN	
C 6	WOOD (DF #1)	6 x 6 POST	N / A	

SCHEDULE NOTES :

1. COLUMNS SHALL BE INDICATED ON PLAN THUS :

SCHEDULED COLUMN MARK → C 44 – AB / BP-1

← COLUMN LOCATION IN VERTICAL DIRECTION WITH RESPECT TO FRAMING LEVEL

← SCHEDULED BASE PLATE MARK WHERE APPLICABLE

EXAMPLE

A – COLUMN IS ABOVE FRAMING LEVEL ONLY
B – COLUMN IS BELOW FRAMING LEVEL ONLY
AB – COLUMN OCCURS BOTH ABOVE AND BELOW FRAMING LEVEL BUT IS NOT CONTINUOUS
C – COLUMN IS CONTINUOUS THRU FRAMING LEVEL

2. REFER TO GRAPHIC STANDARDS LEGEND LOCATED ON SHT. S 1.1 FOR ADDITIONAL EXPLANATION OF COLUMN DESIGNATIONS.

FOOTING SCHEDULE

MARK	FOOTING SIZE W	FOOTING SIZE L	FOOTING SIZE T	REINFORCING	NOTES
F 1.0	12"	CONT.	10"	(2) #5 CONT.	
F 1.5	18"	CONT.	10"	(3) #5 CONT.	
F 24	24"	24"	10"	(3) #5 EACH WAY	
F 30	30"	30"	10"	(4) #5 EACH WAY	
F 36	36"	36"	10"	(4) #5 EACH WAY	
F 54	54"	54"	10"	(6) #5 EACH WAY	
F 60	60"	60"	10"	(6) #5 EACH WAY	

ENTRY LEVEL FOUNDATION/ FRAMING PLAN NOTES:

1. REFER TO SHT. S 1.1 FOR GENERAL NOTES.
2. REFER TO SHTS. S 3.1 AND S 3.2 FOR TYPICAL DETAILS NOT NOTED ON PLAN.
3. ALL ELEVATIONS INDICATED ON PLAN ARE BASED UPON AN ASSUMED DATUM ELEVATION OF 100'-0". REFER TO ARCHITECTURAL DRAWINGS FOR ACTUAL ELEVATION.
4. TOP OF SLAB ELEVATION IS NOTED ON PLAN THUS:
   TOP OF SLAB xxx'-x"
5. TOP OF FOOTING ELEVATION IS NOTED ON PLAN THUS:
   (T.O.F. xx'-x")
6. TOP OF CONCRETE WALL ELEVATION IS NOTED ON PLAN THUS:
   (T.O.W. xx'-x")
7. PROVIDE (2)-#4 x 3'-0" DOWELS CNTRD. IN SLAB AT ALL INTERIOR CORNERS WITHOUT A CONSTRUCTION JOINT.
8. SURFACE DRAINAGE SHOULD BE STRICTLY CONTROLLED SO THAT NO WATER IS PERMITTED TO STAND OR ACCUMULATE NEAR THE FOUNDATION EITHER DURING OR AFTER CONSTRUCTION.
9. THE CONTRACTOR SHALL DETERMINE CRITICAL FOUNDATION ELEVATIONS BASED UPON INFORMATION SHOWN ON THE STRUCTURAL DRAWINGS AND SITE GRADING.
10. TOP OF PLYWOOD (OR OSB) FLOOR DECK IS NOTED ON PLAN THUS:
    TOP OF PLYWOOD xxx'-x"
11. FLOOR DECK SHALL BE 3/4" PLYWOOD, GLUED AND NAILED TO FRAMING MEMBERS PER BUILDING CODE REQUIREMENTS.
12. COLUMNS ARE LOCATED ON WALL CENTERLINES UNLESS DIMENSIONED OTHERWISE ON PLAN OR DETAILS. (DOORS, WITH ARCH'L DRAWINGS)
13. CONTRACTOR SHALL COORDINATE ALL TOP OF WALL AND BEARING PLATE ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
14. FRAMING SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE ALL BRIDGING, BLOCKING, AND ANY ADDITIONAL ACCESSORIES REQUIRED BY MANUFACTURER.
15. COORDINATE SIZE AND LOCATION OF OPNGS. IN FRAMING WITH ARCHITECTURAL AND MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.
16. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION AND EXTENT OF ALL CURBS, LEDGES, POCKETS, OR DEPRESSIONS.

BUCKHORN GEOTECH
Civil, Structural & Geotechnical Engineers
222 So. Park Ave.
Montrose, Colorado 81401
970-249-6835 Fax. No. 970-249-0945
www.buckhorngeo.com

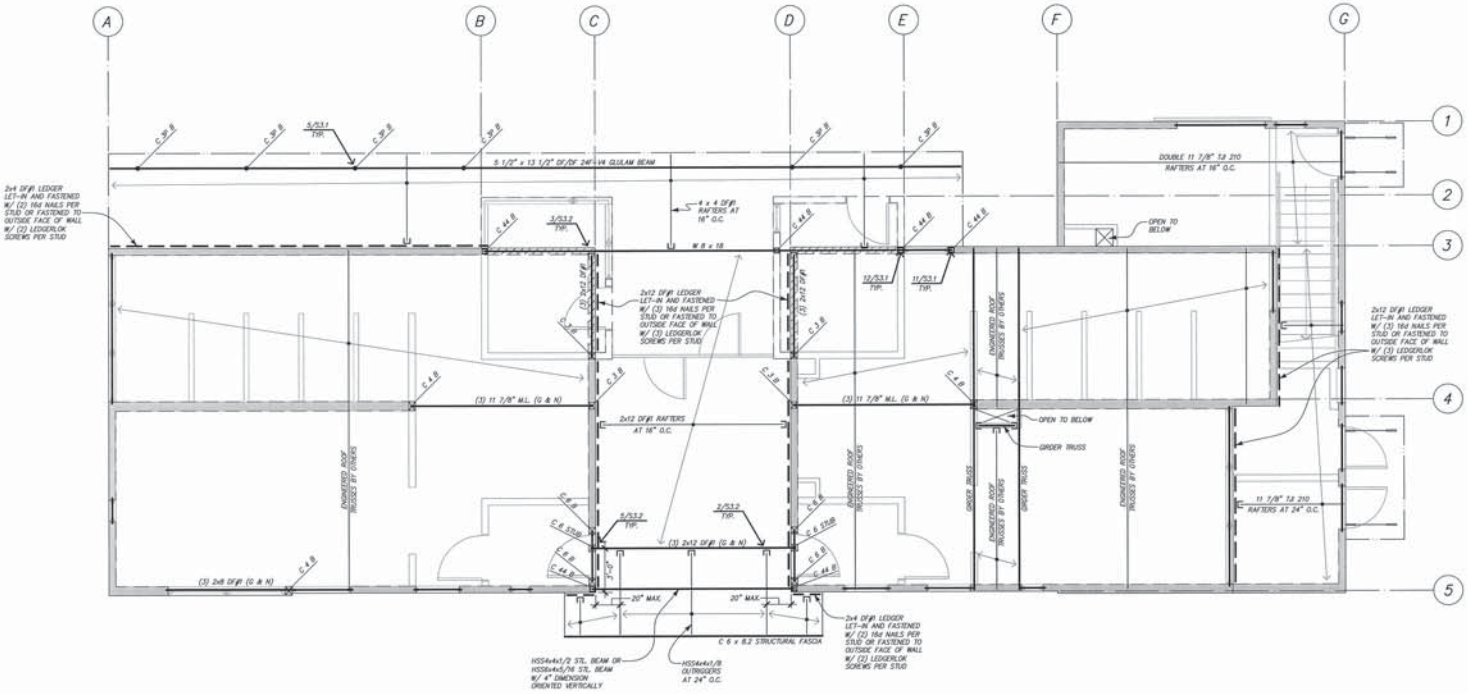
COLORADO REGISTERED PROFESSIONAL ENGINEER 28527

REVISIONS	DATE

TELLURIDE TOWN PARK POOL
TOWN PARK
TELLURIDE, COLORADO

DESIGNED Wm. Lingerer
DRAWN C.B.
DATE 6/5/14
PROJ. NO. 14-005-STR
DRAWING NUMBER
S2.2
OF 6 DWGS.

TYPICAL HEADERS SHALL BE (3) 2x6 H.F. #1 (GLUED AND NAILED) UNLESS NOTED OTHERWISE ON PLAN OR DETAILS



OVER ENTRY LEVEL WALLS BELOW

ROOF FRAMING PLAN

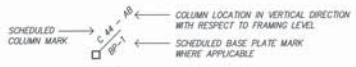
1/4" = 1'-0"

COLUMN SCHEDULE

MARK	MATERIAL	SIZE	BASE PLATE	NOTES
C 3	WOOD	(3) 2 x 6	N / A	
C 3P	STEEL PIPE	3" DIA. SCH 40	REF. PLAN	
C 4	WOOD	(3) 2 x 8	N / A	
C 44	STEEL TUBE	HSS 4 x 4 x 1/4	REF. PLAN	
C 6	WOOD (DF #1)	6 x 6 POST	N / A	

SCHEDULE NOTES :

1. COLUMNS SHALL BE INDICATED ON PLAN THUS :



EXAMPLE

A – COLUMN IS ABOVE FRAMING LEVEL ONLY
B – COLUMN IS BELOW FRAMING LEVEL ONLY
AB – COLUMN OCCURS BOTH ABOVE AND BELOW FRAMING LEVEL BUT IS NOT CONTINUOUS
C – COLUMN IS CONTINUOUS THRU FRAMING LEVEL

2. REFER TO GRAPHIC STANDARDS LEGEND LOCATED ON SHT. S 1.1 FOR ADDITIONAL EXPLANATION OF COLUMN DESIGNATIONS.

HANGER SCHEDULE

FRAMING MEMBER	HANGER
11 7/8" TJI 210 RAFTERS (SLOPED)	SIMPSON LSSU2.1
2x12 D.F.#1 RAFTERS	SIMPSON LB212 T.F.H. OR LU210 F.M.H.
4x4 D.F.#1 RAFTERS (SLOPED)	SIMPSON HU441T T.F.H. OR LUS44 F.M.H.
(3) 2x12 D.F.#1 BEAM	SIMPSON HU212-3TF
11 7/8" TJI 210 FLOOR JOISTS	SIMPSON ITS2.06/11.88
(2) 11 7/8" TJI 210 FLOOR JOISTS	SIMPSON WP.3511.88-2
(1) 11 7/8" M.L. BEAM	SIMPSON BA1.81/11.88 (MIN.)
(2) 11 7/8" M.L. BEAM	SIMPSON B3.56/11.88

SCHEDULE NOTES:

1. VERIFY HANGER SELECTIONS WITH REPRESENTATIVE OF MFR. PRIOR TO ORDERING.
2. COMPLY WITH ALL RECOMMENDATIONS FROM MFR. DURING INSTALLATION.
3. SHIM AS NECESSARY AT OVERSIZED CONNECTORS.

ROOF FRAMING PLAN NOTES:

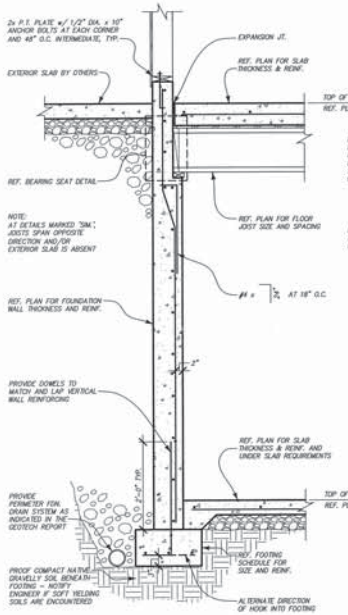
1. REFER TO SHT. S 1.1 FOR GENERAL NOTES.
2. REFER TO SHTS. S 3.1 AND S 3.2 FOR TYPICAL DETAILS NOT NOTED ON PLAN.
3. ALL ELEVATIONS INDICATED ON PLAN ARE BASED UPON AN ASSUMED DATUM ELEVATION OF 100'-0". REFER TO ARCHITECTURAL DRAWINGS FOR ACTUAL ELEVATION.
4. COLUMNS ARE LOCATED ON WALL CENTERLINES UNLESS DIMENSIONED OTHERWISE ON PLAN OR DETAILS. (COORD. WITH ARCH'L DRAWINGS)
5. INDICATES THE LOCATION OF A LOAD BEARING STUD FRAMED WALL. LOAD BEARING STUD WALLS SHALL BE 2x6 OR 2x8 @ 16" O.C., TYPICAL (COORD. WITH ARCH'L DRAWINGS). PROVIDE (2) TRIMMERS FOR SUPPORT AND BEARING OF ALL HEADERS AND BEAMS UNLESS NOTED OTHERWISE. IN ADDITION TO DESIGNATED TRIMMERS, A CONTINUOUS "KINGSTUD" SHALL BE PLACED AT EACH SIDE OF WALL OPENINGS AND EXTEND TO THE PLATE LINE ABOVE. EXTERIOR WALLS SHALL BE SHEATHED WITH 1/2" PLYWOOD (OR APPROVED EQUAL) ATTACHED TO STUDS PER CODE REQUIREMENTS.
6. CONTRACTOR SHALL COORDINATE ALL TOP OF WALL AND BEARING PLATE ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
7. ROOF DECK SHALL BE 5/8" PLYWOOD NAILED TO FRAMING MEMBERS PER BUILDING CODE REQUIREMENTS.
8. FRAMING SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE ALL BRIDGING, BLOCKING, AND ANY ADDITIONAL ACCESSORIES REQUIRED BY MANUFACTURER.
9. COORDINATE SIZE AND LOCATION OF OPNGS. IN FRAMING WITH ARCHITECTURAL AND MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.
10. REFER TO ARCHITECTURAL DRAWINGS FOR ROOF SLOPE AND OVERHANG.

BUCKHORN GEOTECH
Civil, Structural & Geotechnical Engineers
225 Main Street
P.O. Box 4535
Telluride, CO 81435
970-249-6235
Fax: 970-249-0945
www.buckhorngeo.com

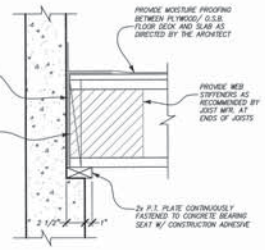
DATE	REVISIONS

TELLURIDE TOWN PARK POOL
TOWN PARK
TELLURIDE, COLORADO

DESIGNED: Wm. Ungerer
DRAWN: C.B.
DATE: 6/5/14
PROJ. NO. 14-005-STR
DRAWING NUMBER
S2.3
OF 6 DWGS.



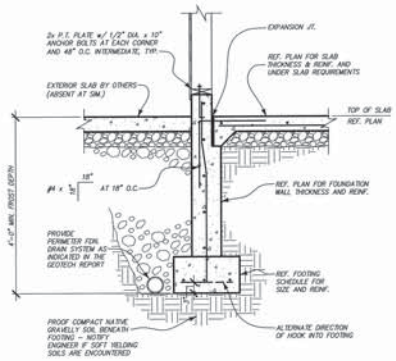
1 / S3.1 PERIMETER FOUNDATION WALL
TYPICAL DETAIL



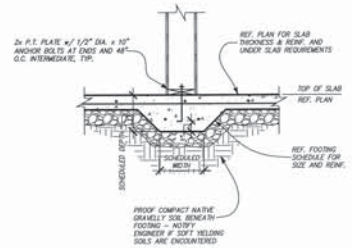
BEARING SEAT DETAIL

BASE PLATE SCHEDULE						
MARK	DIMENSIONS L	W	X	THICK.	ANCHOR BOLTS	REMARKS
BP-1	10"	10"	--	1/2"	4-AB1	6/S3.1
BP-2	8"	8"	--	1/2"	4-AB1	6/S3.1 SIM.
BP-3	13"	5"	--	1/2"	2-AB1	7/S3.1
BP-4	9"	5"	--	1/2"	2-AB1	8/S3.1

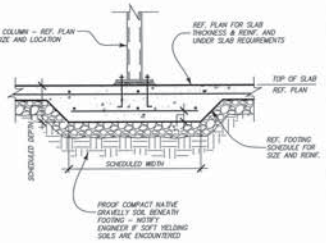
ANCHOR BOLT SCHEDULE						
MARK	DIA.	DIMENSIONS L	H	P		MATERIAL
AB1	3/4"	8"	3"	2 1/4"		A307



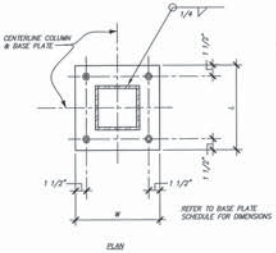
2 / S3.1 PERIMETER FOUNDATION WALL
TYPICAL DETAIL



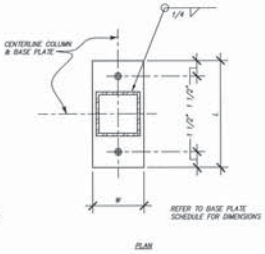
3 / S3.1 THICKENED SLAB BENEATH INTERIOR BEARING WALL
TYPICAL DETAIL



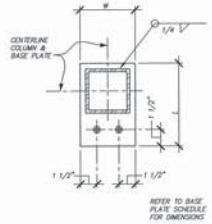
4 / S3.1 THICKENED SLAB BENEATH INTERIOR COLUMN
TYPICAL DETAIL



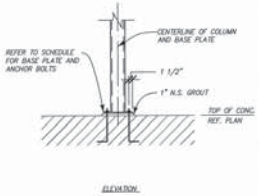
6 / S3.1 BASE PLATE – TS COLUMN
TYPICAL DETAIL



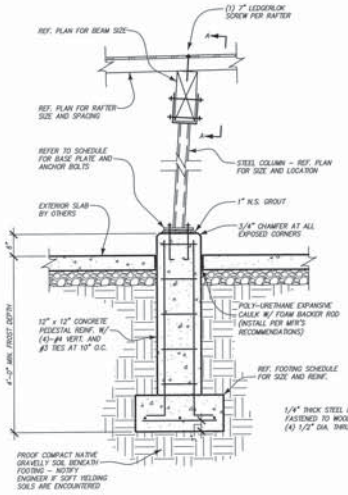
7 / S3.1 BASE PLATE – TS COLUMN
TYPICAL DETAIL



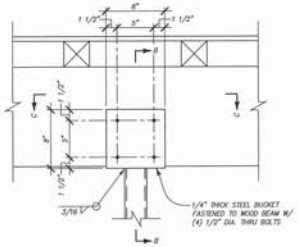
8 / S3.1 BASE PLATE – TS COLUMN
TYPICAL DETAIL



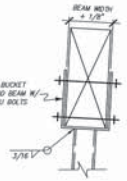
9 / S3.1 STEEL COLUMN BEARING ON CONCRETE
TYPICAL DETAIL



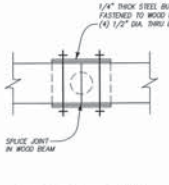
5 / S3.1 FOUNDATION AND CONNECTIONS AT EXTERIOR COLUMN
TYPICAL DETAIL



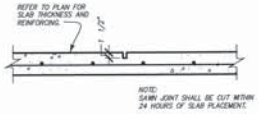
SECTION A–A



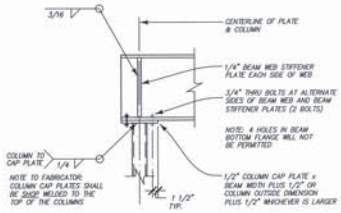
SECTION B–B



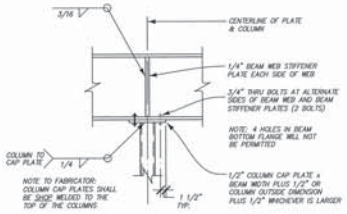
(AT BEAM SPLICE LOCATIONS)
SECTION C–C



10 / S3.1 SAWN CONTROL JOINT
TYPICAL DETAIL



11 / S3.1 COLUMN TO BEAM CONNECTION
TYPICAL DETAIL



12 / S3.1 COLUMN TO BEAM CONNECTION
TYPICAL DETAIL

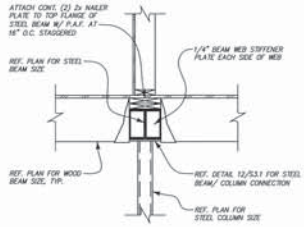
BUCKHORN GEOTECH
Civil, Structural & Geotechnical Engineers
2239 Broadway, Grand Junction, CO 81507
970-245-8228 Fax. No. 970-245-0945
www.buckhorngeo.com

COLORADO REGISTERED PROFESSIONAL ENGINEER
Wm. Ungerer
6-17-14
28527

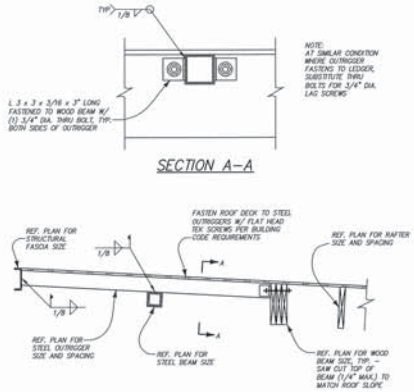
DATE	REVISIONS

TELLURIDE TOWN PARK POOL
TOWN PARK
TELLURIDE, COLORADO

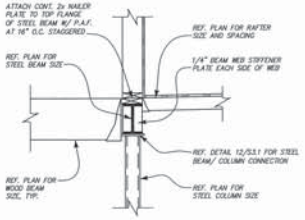
DESIGNED Wm. Ungerer
DRAWN C.B.
DATE 6/5/14
PROJ. NO. 14-005-STR
DRAWING NUMBER
S3.1
OF 6 DWGS.



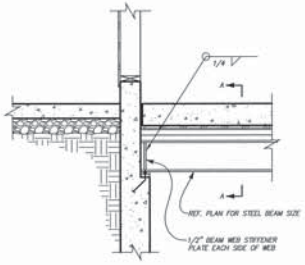
1 / S3.2 WOOD BEAMS TO STEEL BEAM CONNECTION
TYPICAL DETAIL

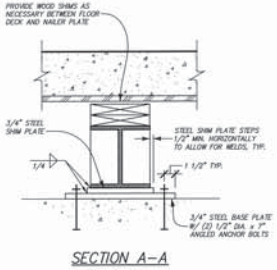


2 / S3.2 STEEL OUTRIGGER CONNECTIONS
TYPICAL DETAIL

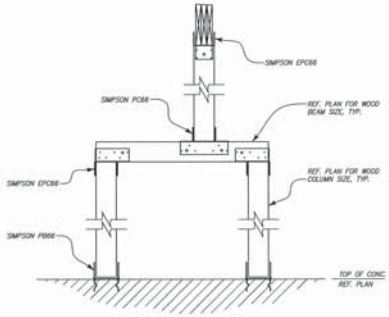


3 / S3.2 WOOD BEAM/RAFTER TO STEEL BEAM CONNECTION
TYPICAL DETAIL





4 / S3.2 STEEL BEAM BEARING CONDITION AT CONCRETE WALL
TYPICAL DETAIL



5 / S3.2 WOOD FRAMING CONNECTIONS
TYPICAL DETAIL

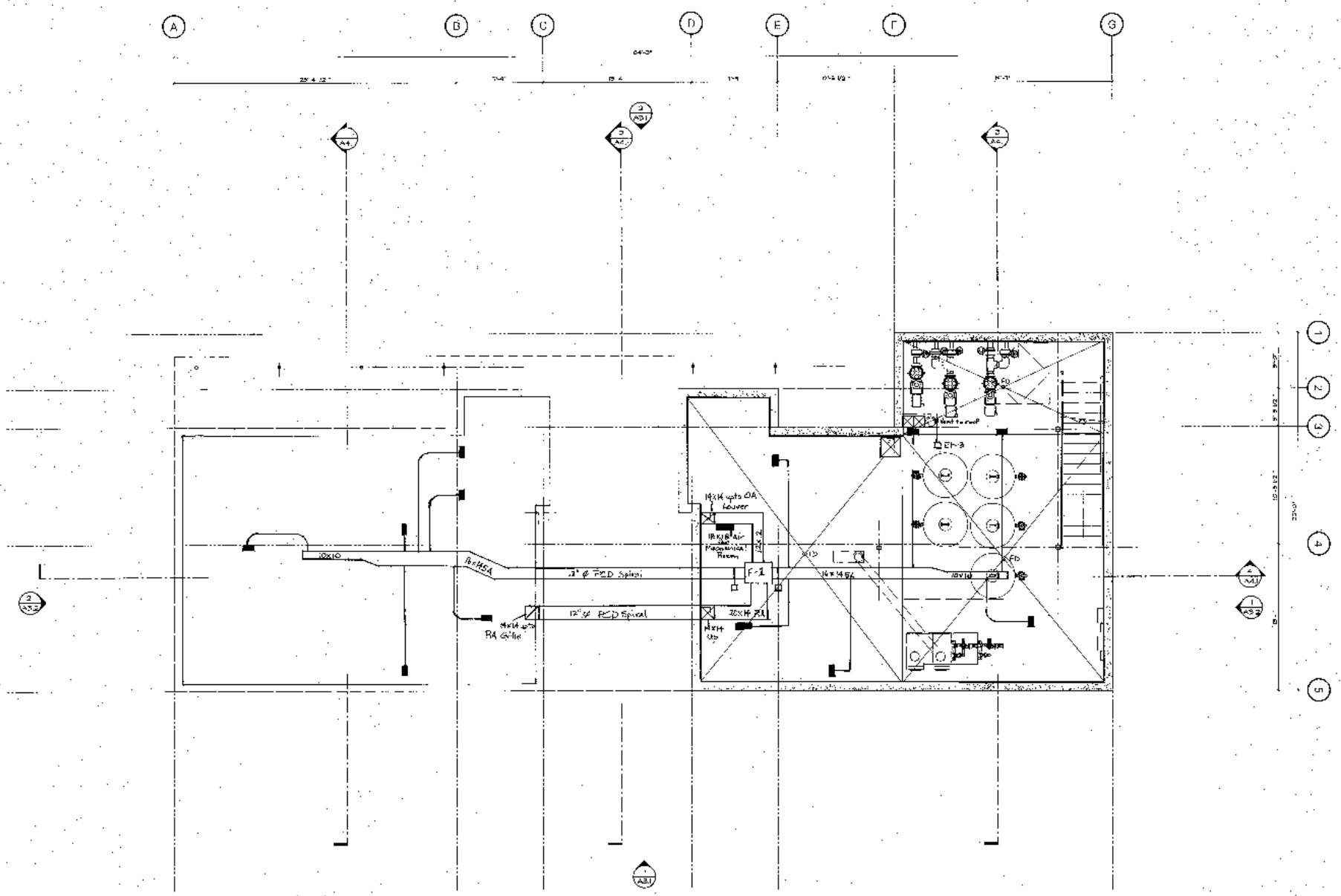
BUCKHORN GEOTECH
Civil, Structural & Geotechnical Engineers
2239 Dawson Avenue, Montrose, Colorado 81401
970-249-8828 Fax: No. 970-249-0945
www.buckhorngeo.com

COLORADO PROFESSIONAL ENGINEER 28527

REVISIONS	DATE

TELLURIDE TOWN PARK POOL
TOWN PARK
TELLURIDE, COLORADO

DESIGNED Wm. Ungerer
DRAWN C.B.
DATE 6/5/14
PROJ. NO. 14-005-STR
DRAWING NUMBER S3.2
OF 6 DWGS.



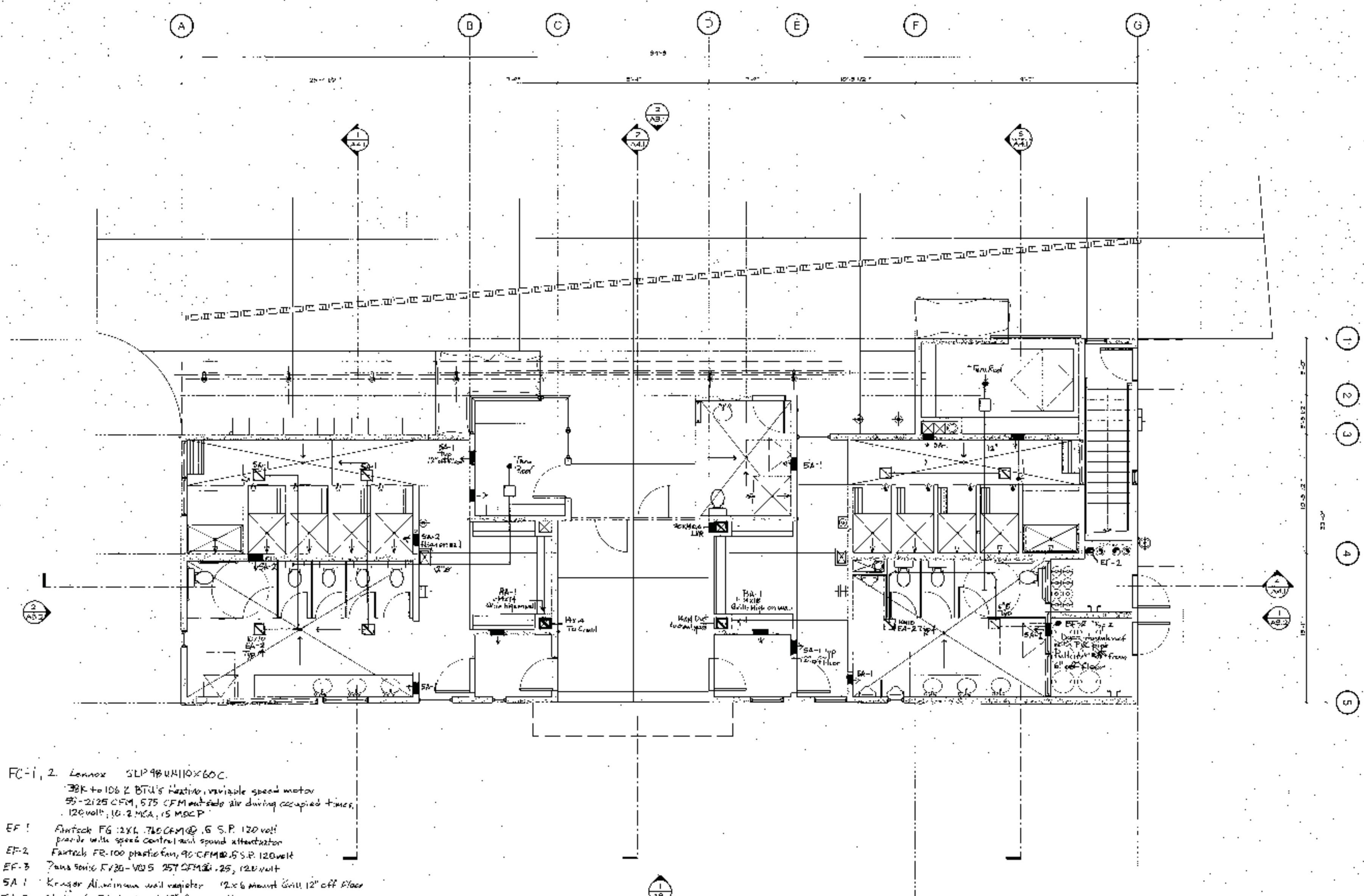
TELLURIDE TOWN PARK POOL

TOWN PARK
TELLURIDE, COLORADO

DRAWING	
ISSUE	DATE
JOB NO. 417	

SHEET NO.

M2.0



FC-1, 2. Lennox SLP98UH110X60C.
38K to 106 K BTU's Heating, variable speed motor
55-2125 CFM, 575 CFM outside air during occupied times,
120volt, 10.2 MCA, 15 MOCP

EF 1 Fantech FG 12XL 760 CFM @ .5 S.P. 120 volt
provide with speed control and sound attenuator

EF-2 Fantech FR-100 plastic fan, 90 CFM @ .5 S.P. 120 volt

EF-3 Panasonic FV30-VQ5 257 CFM @ .25, 120 volt

SA 1 Kruger Aluminum wall register 12x6 mount Grill 12" off Floor

SA-2 Similar to SA-1 mount 12" from ceiling

RA-1 Kruger Aluminum Bar Grille 12"x12"

EA-1 Kruger Aluminum Egg Crate Grille 10"x10"

TELLURIDE TOWN PARK POOL

TOWN PARK
TELLURIDE, COLORADO

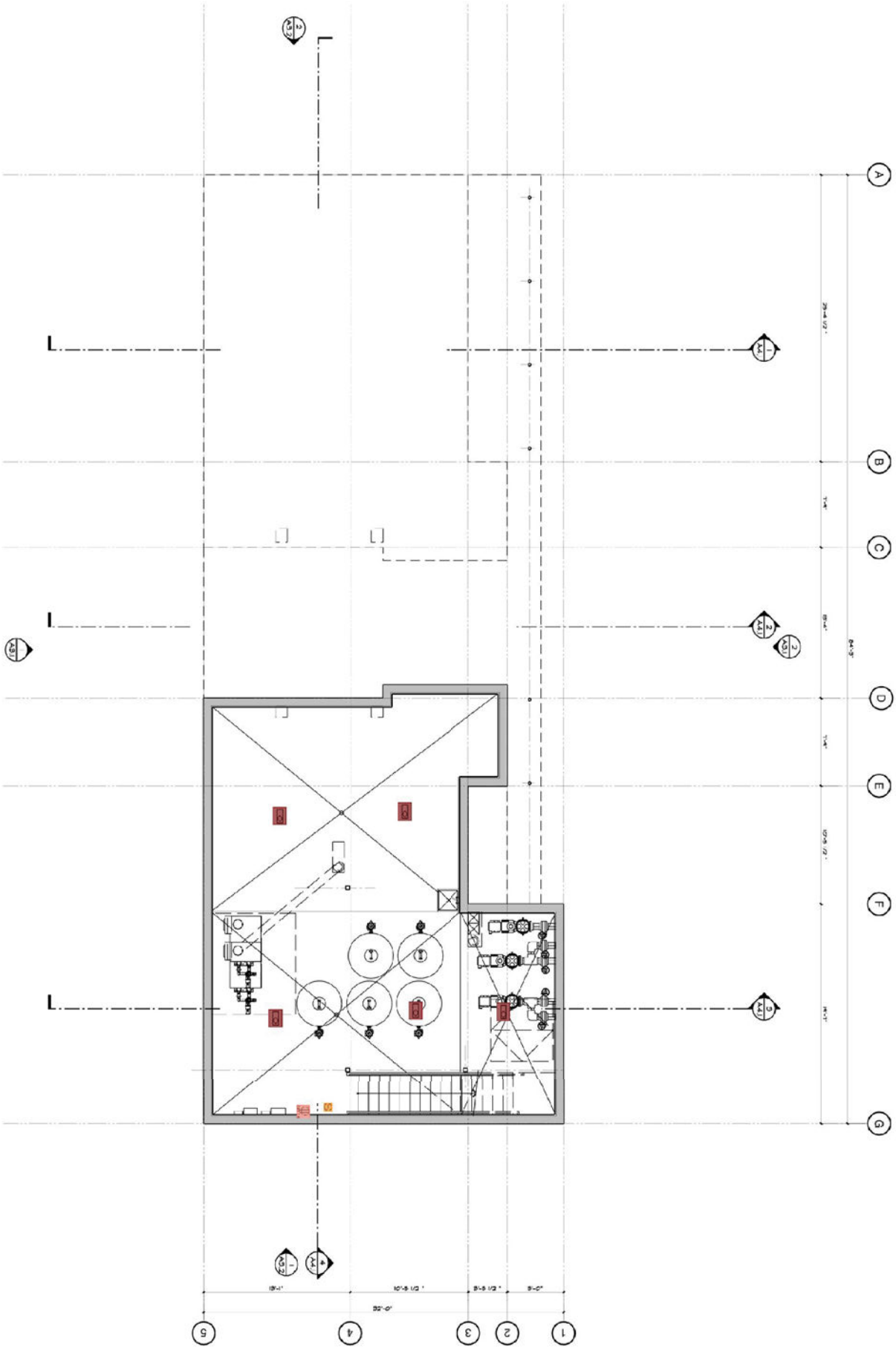
DRAWING:

ISSUE: DATE:

JOB NO.:

SHEET NO.

M2.1



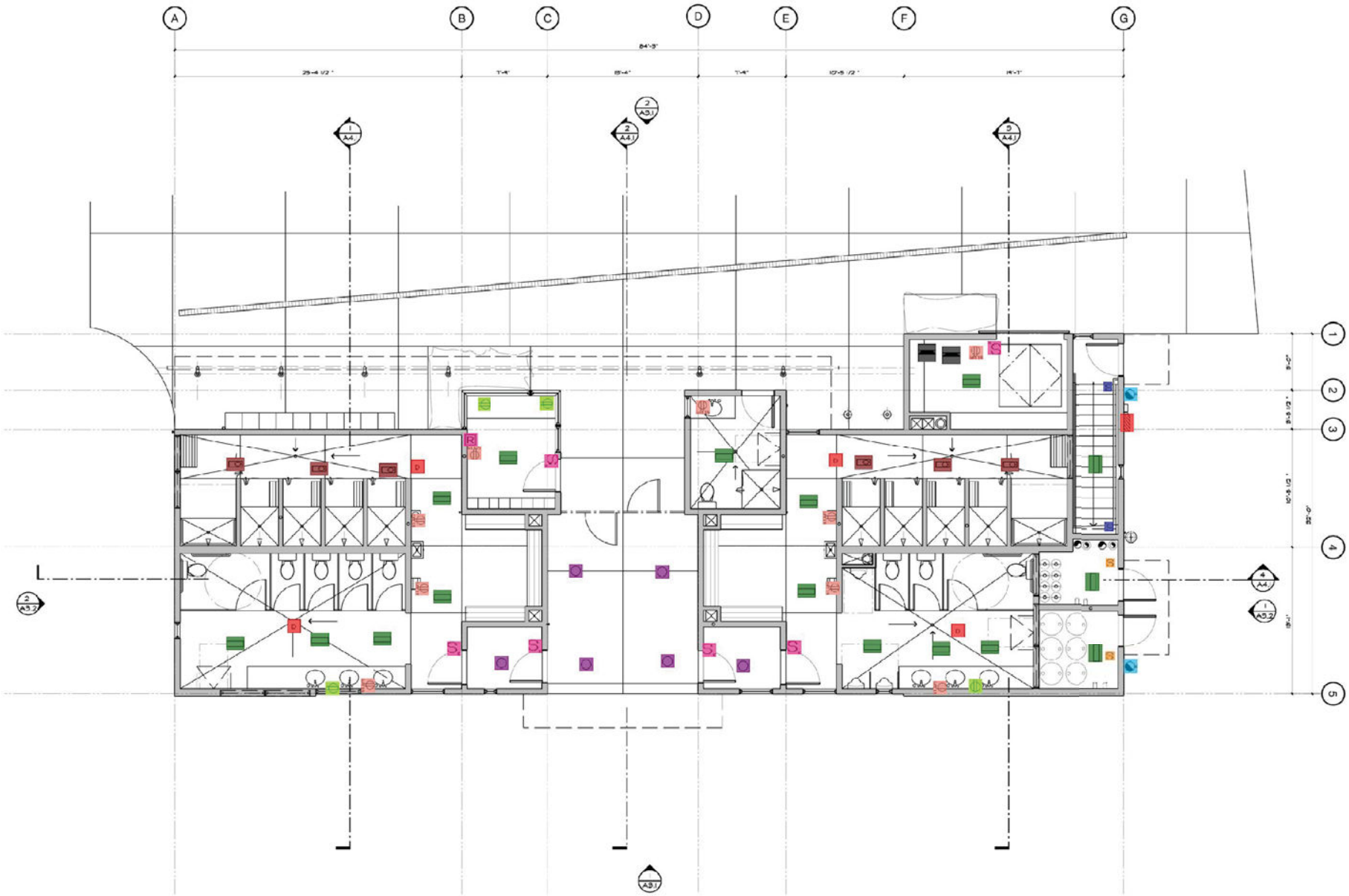
TELLURIDE TOWN PARK POOL

TOWN PARK
TELLURIDE, COLORADO

SHEET NO.
E2.0

DRAWING
ISSUE:
DATE:
JOB NO. 1442

COPYRIGHT 2010 ©



TELLURIDE TOWN PARK POOL

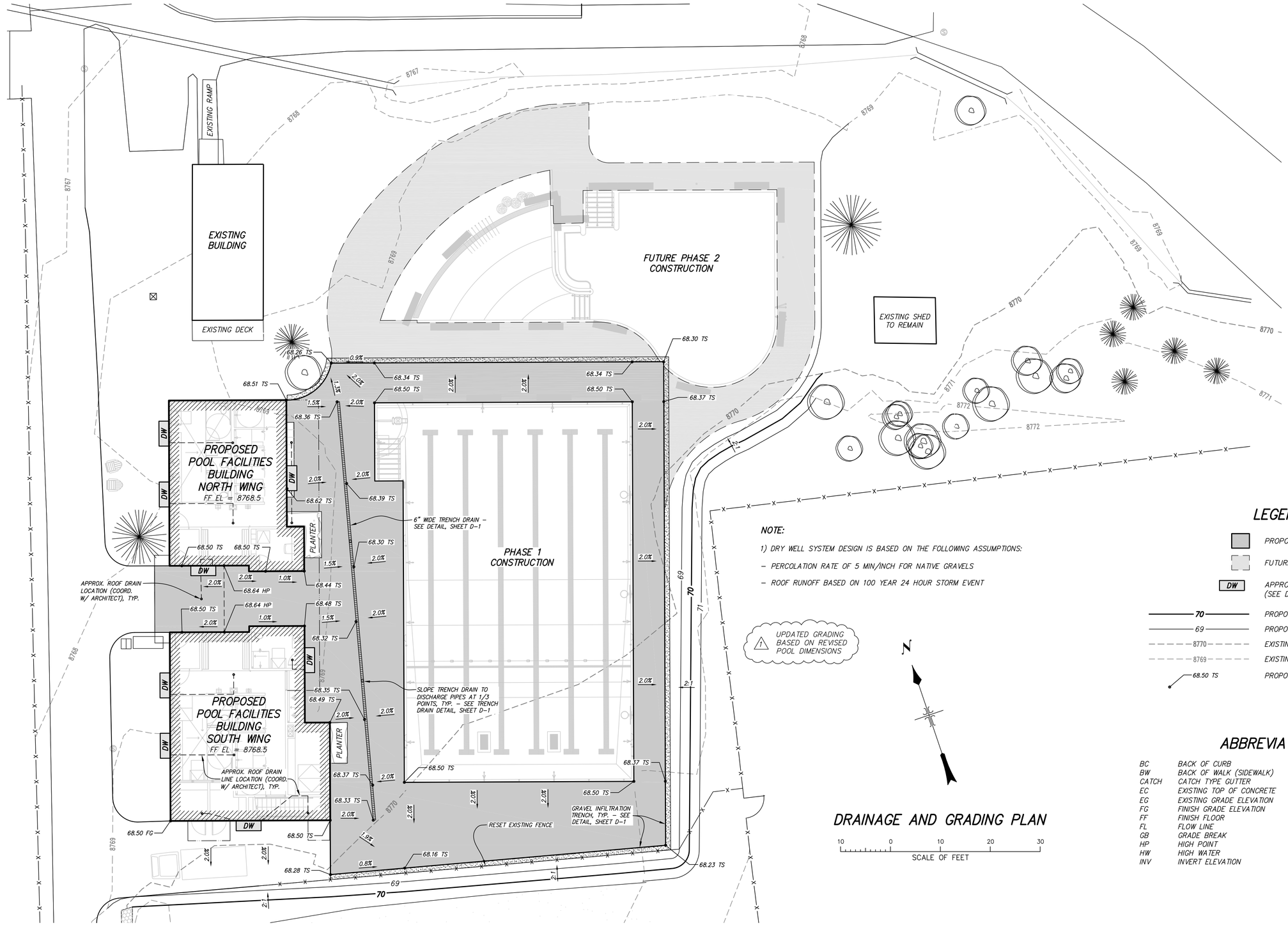
TOWN PARK
TELLURIDE, COLORADO

DRAWING	
ISSUE:	DATE:
JOB NO. 1462	

SHEET NO.

E2.1

COPYRIGHT HAILS GABEL ARCHITECTS



NOTE:

1) DRY WELL SYSTEM DESIGN IS BASED ON THE FOLLOWING ASSUMPTIONS:

– PERCOLATION RATE OF 5 MIN/INCH FOR NATIVE GRAVELS

– ROOF RUNOFF BASED ON 100 YEAR 24 HOUR STORM EVENT

UPDATED GRADING BASED ON REVISED POOL DIMENSIONS

LEGEND

- PROPOSED PHASE 1 CONCRETE PAVEMENT
- FUTURE PHASE 2 CONCRETE PAVEMENT
- DW — APPROXIMATE DRY WELL LOCATION (SEE DRY WELL DETAIL, SHEET D-1)
- 70 — PROPOSED MAJOR INTERVAL CONTOUR (5 FOOT)
- 69 — PROPOSED MINOR INTERVAL CONTOUR (1 FOOT)
- 8770 — EXISTING MAJOR INTERVAL CONTOUR (5 FOOT)
- 8769 — EXISTING MINOR INTERVAL CONTOUR (1 FOOT)
- 68.50 TS — PROPOSED FINISH ELEVATION

ABBREVIATIONS

BC	BACK OF CURB	IRRG	IRRIGATION SLEEVE
BW	BACK OF WALK (SIDEWALK)	LANDSC.	LANDSCAPE
CATCH	CATCH TYPE GUTTER	LIP	LIP OF GUTTER/PAN
EC	EXISTING TOP OF CONCRETE	SPILL	SPILL TYPE GUTTER
EG	EXISTING GRADE ELEVATION	SW	SIDEWALK
FG	FINISH GRADE ELEVATION	TC	TOP OF CURB
FF	FINISH FLOOR	TRC	TOP OF RIBBON CURB
FL	FLOW LINE	TP	TOP OF PAVEMENT
GB	GRADE BREAK	TS	TOP OF CONCRETE SLAB
HP	HIGH POINT	TYP	TYPICAL
HW	HIGH WATER	VPAN	CONCRETE VALLEY PAN
INV	INVERT ELEVATION		

N

SCALE OF FEET: 10 0 10 20 30

DRAINAGE AND GRADING PLAN

DOWL
MONTROSE OFFICE: (970) 249-6828

REVISIONS	DATE
1 REVISED POOL DIMENSIONS	2/18/15

TELLURIDE TOWN PARK POOL
TOWN PARK
TELLURIDE, COLORADO

DESIGNED	DCQ/WP
DRAWN	CB
DATE	8/14/14
PROJ. NO.	14-005-CIV

DRAWING NUMBER
C-1
OF DWGS.

N:\CIVIL\2014\14-005-CIV Telluride Town Park Pool\dwg\Civil\Telluride Town Park Pool Site Development.dwg

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE TOWN OF TELLURIDE STANDARD SPECIFICATIONS, AND APPLICABLE UTILITY COMPANY'S SPECIFICATIONS. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO TOWN OF TELLURIDE REGULATIONS.

2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LINES, LEVELS, MATERIALS, ETC. PRIOR TO START OF CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES IN WRITING.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS REQUIRED FOR THIS PROJECT PRIOR TO START OF CONSTRUCTION FROM THE TOWN OF TELLURIDE, APPLICABLE UTILITY COMPANIES AND ANY OTHER GOVERNING AGENCY AS REQUIRED.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UTILITIES, INCLUDING ANY UTILITIES NOT SHOWN ON THE DRAWINGS. WHEN WORKING NEAR EXISTING UTILITIES, THE CONTRACTOR SHALL EXERCISE SUFFICIENT CARE TO PREVENT DAMAGE TO THE LINES.

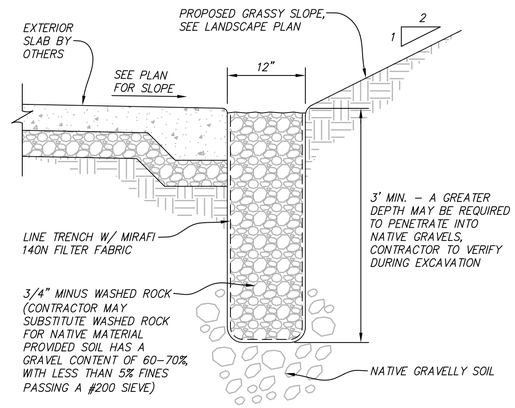
5. ALL FINISHED GRADING SHALL BE SUCH THAT NO DEPRESSIONS OF MORE THAN 2" REMAIN, UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER. ALL SLOPES SHALL DRAIN TO A DEDICATED DRAINAGE CONTROL STRUCTURE.

6. ROUGH GRADING SHALL BE ACCOMPLISHED PRIOR TO UTILITY CONSTRUCTION.

7. UNLESS OTHERWISE DIRECTED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING OR PROTECTING ANY EXISTING SIGNS, STRUCTURES, FENCES, ETC. ENCOUNTERED ON THE JOB AND RESTORING THEM TO THEIR ORIGINAL CONDITION.

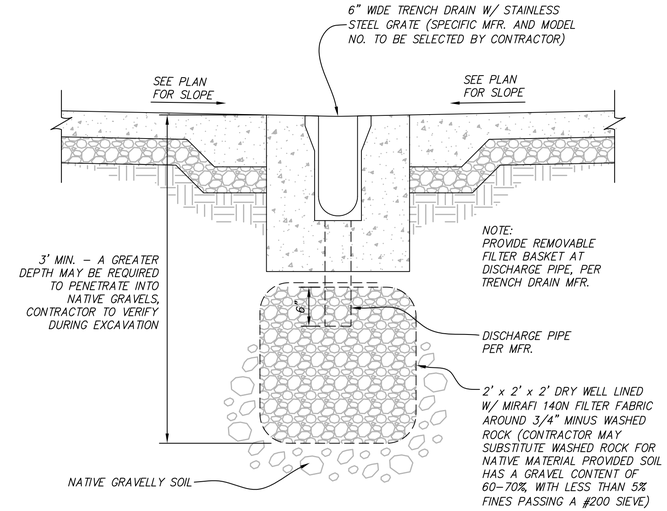
8. CONTRACTOR SHALL HAVE ONE SET OF ENGINEER AND TOWN SIGNED APPROVED PLANS ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.

9. CONTRACTOR IS RESPONSIBLE FOR ANY NATIONAL, STATE AND/OR LOCAL STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND PERMITTING REQUIREMENTS. EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED TO INSURE THAT NO SEDIMENT IS CONVEYED OFF THE SITE TO ADJACENT PROPERTIES. AT A MINIMUM, CONTRACTOR/DEVELOPER SHALL SEED, FERTILIZE AND MULCH ALL DISTURBED AREAS. A SUITABLE STAND OF GRASS SHALL BE OBTAINED AT ALL UNIMPROVED AND NON-LANDSCAPED AREAS.



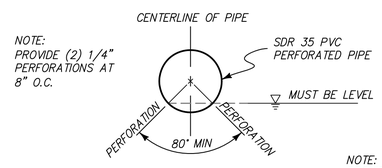
INFILTRATION TRENCH DETAIL

NOT TO SCALE

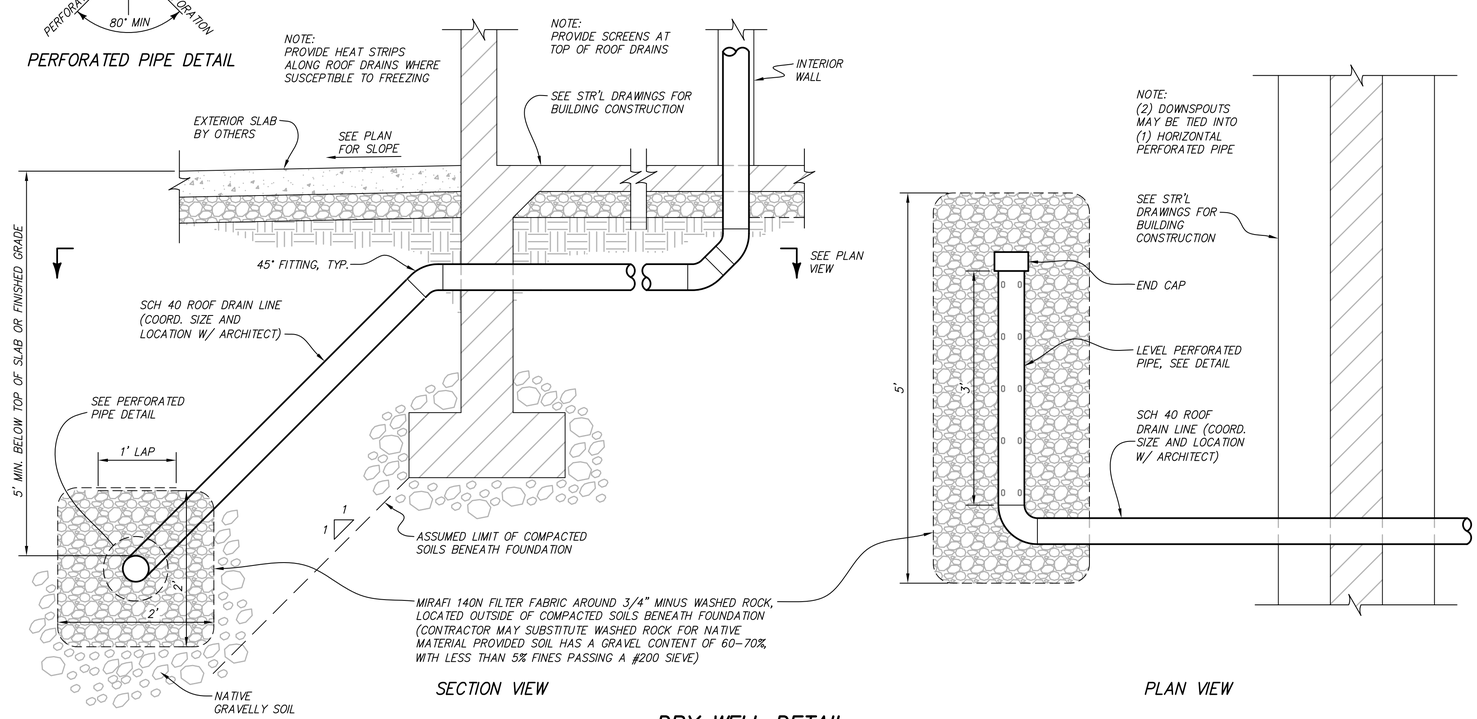


TRENCH DRAIN DETAIL

NOT TO SCALE



PERFORATED PIPE DETAIL



DRY WELL DETAIL

NOT TO SCALE

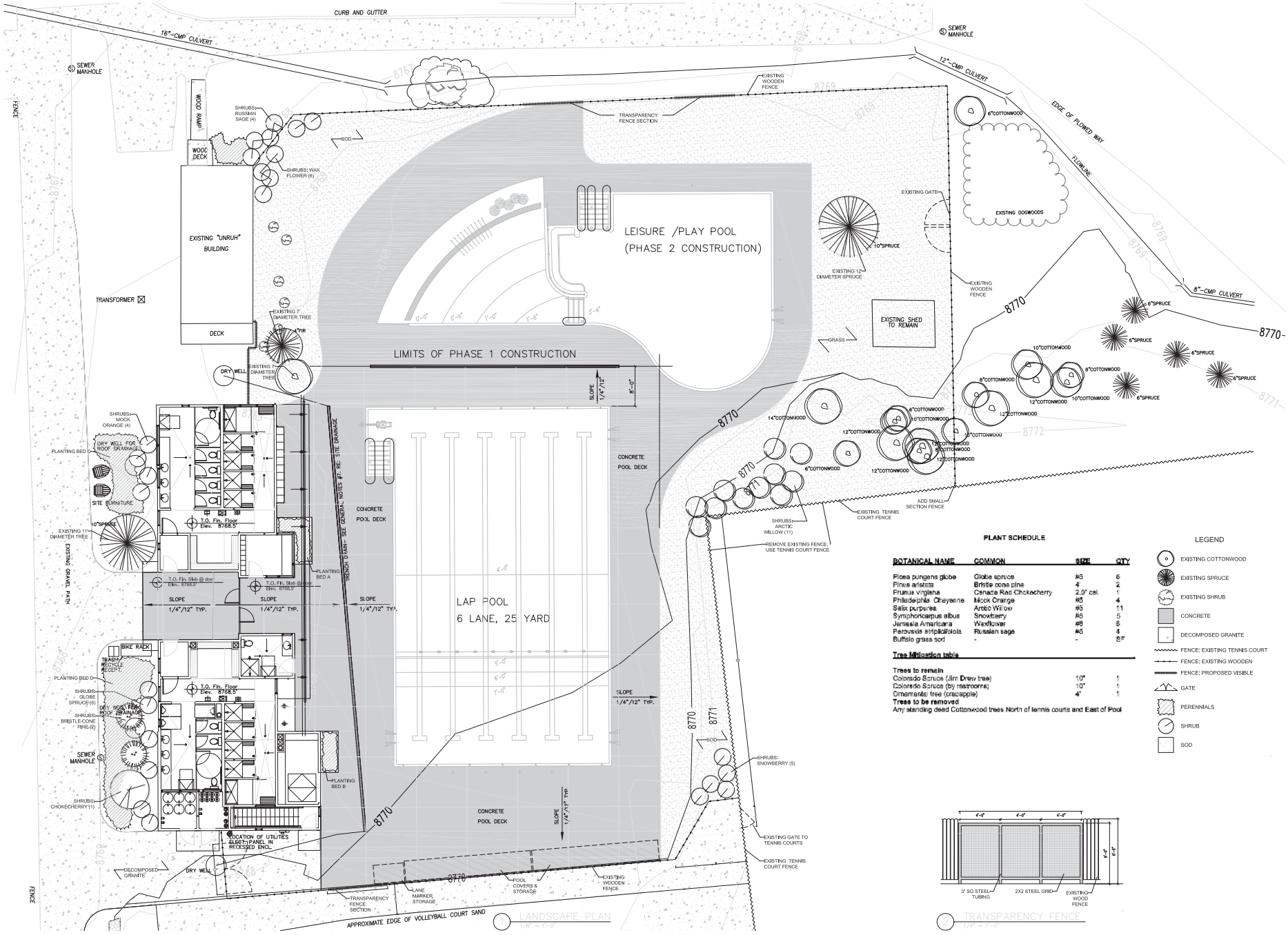
DOWL
MONTROSE OFFICE: (970) 249-6828

REVISIONS		DATE
1	REVISED POOL DIMENSIONS	2/18/15

TELLURIDE TOWN PARK POOL
TOWN PARK
TELLURIDE, COLORADO

DESIGNED	DCQ/WP
DRAWN	CB
DATE	8/14/14
PROJ. NO.	14-005-CIV
DRAWING NUMBER	D-1
OF	DWGS.

N:\CIVIL\2014\14-005-CIV Telluride Town Park Pool\dwg\Civil\Telluride Town Park Pool Site Development.dwg



1 LANDSCAPE PLAN
1/8" = 1'-0"

PLANT SCHEDULE

BOTANICAL NAME	COMMON	SIZE	QTY
Picea pungiens globe	Globe spruce	#5	6
Pinus aristata	Bristle cone pine	4'	2
Prunus virginiana	Canada Red Chokecherry	2.5" cal.	1
Philadelphia Cheyenne	Mock Orange	#5	4
Salix purpurea	Arctic Willow	#5	11
Symphoricarpus albus	Snowberry	#5	5
Jamesia Americana	Waxflower	#5	8
Perovskia atriplicifolia	Russian sage	#5	4
Buffalo grass sod	-	-	8F

Tree Mitigation table

Trees to remain		
Colorado Spruce (Jim Drew tree)	10"	1
Colorado Spruce (by restrooms)	10"	1
Ornamental tree (crabapple)	4"	1
Trees to be removed		
Any standing dead Cottonwood trees North of tennis courts and East of Pool		

LEGEND

- EXISTING COTTONWOOD
- EXISTING SPRUCE
- EXISTING SHRUB
- CONCRETE
- DECOMPOSED GRANITE
- FENCE: EXISTING TENNIS COURT
- FENCE: EXISTING WOODEN
- FENCE: PROPOSED VISIBLE
- GATE
- PERENNIALS
- SHRUB
- SOD

2 TRANSPARENCY FENCE
1/4" = 1'-0"

CARIBOU DESIGN ASSOCIATES
LANDSCAPE ARCHITECTURE AND PLANNING
PO Box 3565
Lafayette, Colorado 80026
970 708-1292

PROJECT
TOWN PARK

ADDRESS

03.19.14 REDLINES
03.24.14 HARC SUBMITTAL
04.07.14 HARC REVISIONS

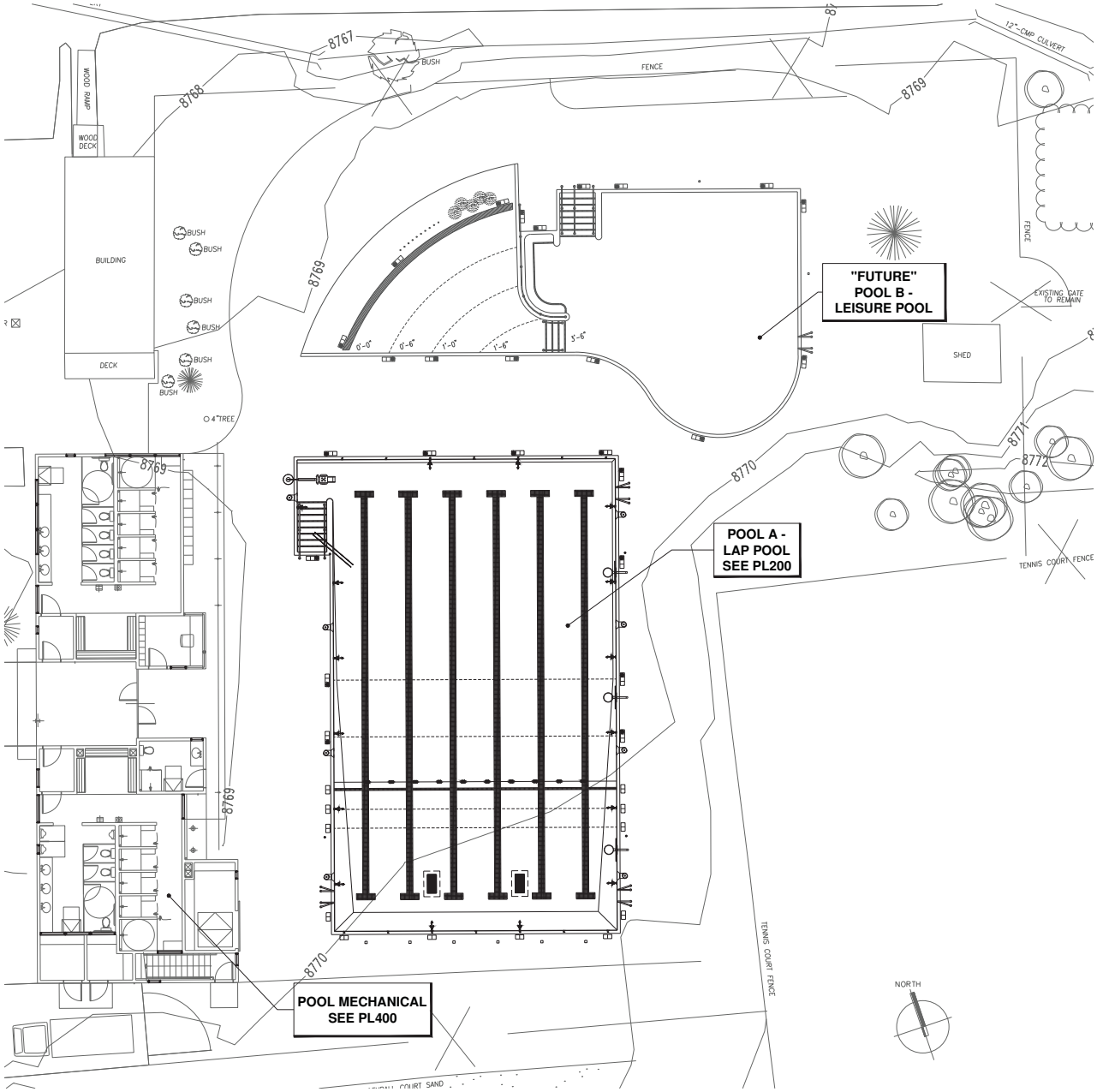
SUBMITTAL

L-1 - LANDSCAPE PLAN

SHEET INDEX

DWG TITLE
LANDSCAPE PLAN

L-1



Sheet List Table

Sheet Number	Sheet Title
PL100	OVERALL
PL101	GENERAL POOL DETAILS
PL102	STRUCTURAL
PL200	6LN X 25YD PLAN AND SECTIONS
PL201	6LN X 25YD POOL DIMENSION PLAN
PL202	6LN X 25YD POOL SECTIONS AND DETAILS
PL300	OVERALL PIPING PLAN
PL400	POOL MECHANICAL AND DETAILS
PL500	MECHANICAL DETAILS

OVERALL AQUATIC PLAN

1

1/8" = 1'-0"

CCA

WTI WATER TECHNOLOGY, INC.
Water Treatment Systems
Pool, Spa, Water Features
Design-Build-Service
Phone: 800.881.1405
Fax: Fax: 800.300.9203
www.watertechnology.com

This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc. MT-4123761.01

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. | ASPEN, CO 81611 | TEL: 970.925.5590 | FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

DRAWING: **OVERALL AQUATIC PLAN**

ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	5-27-2014
JOB NO. 1402	

PL 100

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS

TAG DESCRIPTIONS AND ABBREVIATIONS — 1 — NONE

DEPTH MARKER TAG
- DEPTH MARKER IDENTIFIER

DRAIN TAG (A-D1)
- POOL IDENTIFIER
- DRAIN DESIGNATOR
- DRAIN IDENTIFIER

STAIR TAG (A-ST1)
- POOL IDENTIFIER
- STAIR DESIGNATOR
- STAIR IDENTIFIER

PIPE TAG (P1-20)
- LINE TYPE IDENTIFIER
- SYSTEM IDENTIFIER
- PIPE IDENTIFIER

MECHANICAL EQUIPMENT TAG (P1A)
- EQUIPMENT IDENTIFIER
- SYSTEM IDENTIFIER
- POOL IDENTIFIER

REVISION TAG
- REVISION NUMBER

ELEVATION TAG
- ELEVATION
- REFERENCE
- LOCATION

DIMENSION TAG (100)
- POINT LOCATION
- POINT IDENTIFIER

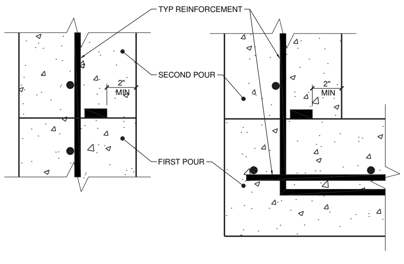
ABBREVIATIONS

TYP - TYPICAL
EJ - EXPANSION JOINT
CJ - CONTROL JOINT
SWL - STATIC WATER LEVEL
OWE - OPERATING WATER ELEVATION
FFE - FINISH FLO0R ELEVATION
OC - ON CENTER
EW - EACH WAY
DIA - DIAMETER
SS - STAINLESS STEEL
NPS - NOMINAL PIPE SIZE
ID - INSIDE DIAMETER
OD - OUTSIDE DIAMETER
MIN - MINIMUM
MAX - MAXIMUM
TUBV - TRUE UNION BALL VALVE
TUBC - TRUE UNION CHECK VALVE
SCH - SCHEDULE
WD - WATER DEPTH
NO - NORMALLY OPEN
NC - NORMALLY CLOSED

SAFETY AND MAINTENANCE EQUIPMENT — 3 — NONE

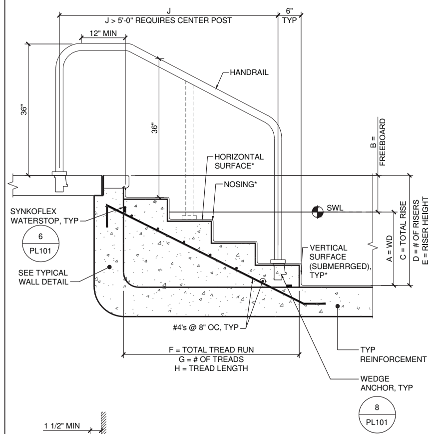
QTY.	PRODUCT NAME	MANUFACTURER	NOTES
1	LIFE BUOY	WATER SAFETY PRODUCTS	30" DIA, MADE OF UNICELL SOFT FOAM WITH HARD SHELL COVERING
1	THROW LINE	WATER SAFETY PRODUCTS	60' MARINE POLYPRO LINE, WITH 3" x 5" LEMON FLOAT
6	RESCUE TUBE	WATER SAFETY PRODUCTS	50" LONG x 6" WIDE x 4" THICK. NO CLIPS, NO RINGS. 2" WIDE ADJUSTABLE SHOULDER STRAP , CONNECTED TO TUBE BY 1" STRAPPING. STRAPPING EXTENDS COMPLETELY THROUGH LENGTH OF TUBE.
1	SPINEBOARD WITH HEAD RESTRAINT	WATER SAFETY PRODUCTS	X-RAY TRANSLUCENT BACKBOARD
1	LIFE HOOK AND RESCUE POLE		ANODIZED ALUMINUM POLE, WITH DOUBLE LIFE HOOK. 2 - 8 FEET SECTIONS WITH CONNECTOR AND RUBBER END CAP
1	25 PERSON AQUATIC FIRST AID KIT	WATER SAFETY PRODUCTS	
1	AUTOMATIC VACUUM CLEANING SYSTEM	AQUAPRODUCTS ULTRAMAX GEMINI	AUTOMATIC CLEANER, RADIO REMOTE CONTROL, ULTRAKART CADDY, DIGITAL TIMER DISPLAY, 120 FT CORD
1	MANUAL VACUUM CLEANING SYSTEM	WILDCAT E.1	24" VACUUM HEAD, 1 HP PUMP WITH 155 SF CARTRIDGE FILTER, 100 FOOT CORD, TELESCOPIC POLE, WALL BRUSH, SKIMMER, 50' 2" BACKWASH HOSE AND SPECTRUM SS HOSE CADDY
1	WATER TEST KIT	TAYLOR "SERVICE COMPLETE"	FAS DPD CHLORINE KIT

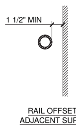
SYNKOFLEX WATERSTOP — 6 — NONE



NOTE:
INSTALL WATERSTOP ON WET SIDE(S) OF REINFORCEMENT.

POOL STAIRS & SCHEDULE — 9 — 3/4" = 1'-0"





RAIL OFFSET TO ADJACENT SURFACE

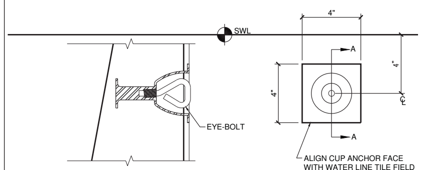
NOTE:
1. HANDRAIL TYPE 304 SS, 1.90 OD, #500 GRIT
2. CONTRACTOR TO PURCHASE AND INSTALL RAIL GOODS IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS OF PARTIES HAVING JURISDICTION.
3. CONTRACTOR TO VERIFY HANDRAIL DIMENSIONS PRIOR TO FABRICATION
4. *SEE POOL FINISH SCHEDULE

STAIR DIMENSIONS

POOL STAIR ID	A	B	C	D	E	F	G	H	J
A-ST1	48"	6"	4'-6"	9	6"	8'-0"	8	12"	8'-0"

NOTE: SEE FINISH SCHEDULE FOR ALL FINISHES.

ROPE ANCHOR - CUP — 7 — 3" = 1'-0"



SECTION A-A

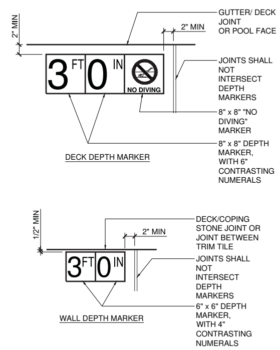
FRONT VIEW
(SHOWN WITH TRIANGULAR EYE-BOLT REMOVED)

NOTE:
BASIS OF DESIGN: CUP ANCHOR WITH TRIANGULAR EYE BOLT; PARAGON AQUATICS; LAGRANGE, NY; PH: (845) 452-5500.

DEPTH MARKER - DECK AND WALL — 4 — NONE

ID TAG	WD	"NO DIVING" DECK MARKER
1	4'-0"	X
2	4'-6"	X
3	5'-0"	
4	6'-0"	
5	7'-0"	

NOTE:
1. * = WALL DEPTH MARKER ONLY AT LOCATION AS INDICATED ON PLAN.
2. EXCLUDE "NO DIVING" MARKER AT POOL WALL DEPTH MARKER LOCATIONS
3. "X" INDICATES "NO DIVING" MARKER REQUIRED AT THIS LOCATION.

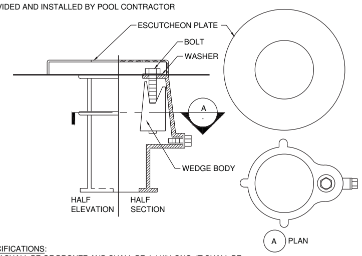


NOTE: TILE SHALL BE INSTALLED FLUSH WITH SURROUNDING SURFACES.

10 — 1/2" = 1'-0"

WEDGE ANCHOR — 8 — NONE

PROVIDED AND INSTALLED BY POOL CONTRACTOR



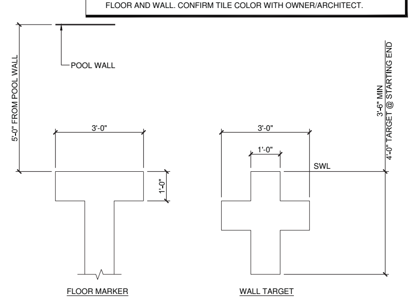
SPECIFICATIONS:
BODY SHALL BE OF BRONZE AND SHALL BE 4-1/4" LONG. IT SHALL BE MADE TO RECEIVE 1.900" OD PIPE. TWO LONGITUDINAL RIDGES, FOR PREVENTION OF SIDE SWAY SHALL RUN FULL DEPTH OF THE BODY ON THE ID THE LOCKING WEDGE SHALL BE OF CAST BRONZE AND THE BOLTS SHALL BE SS.

ESCUTCHEON:
TYPE 304 OR BETTER SS.

NOTE:
INSTALL ANCHORS IN LINE WITH RAIL.

FLOOR MARKER & WALL TARGET - NCAA — 5 — NONE

NOTES:
1. ALL DIMENSIONS ARE NOMINAL. SECTION 13150 CONTRACTOR SHALL VERIFY ACTUAL DIMENSIONS AND LOCATIONS OF MARKERS.
2. TILES SHALL BE INSTALLED SO THAT FINISHED FACE OF TILE IS FLUSH WITH FINISHED SURFACE OF POOL SURFACE.
3. ALL TILES SHALL BE IN A CONTRASTING COLOR TO POOL FINISH, BOTH FLOOR AND WALL. CONFIRM TILE COLOR WITH OWNER/ARCHITECT.



POOL FINISH SCHEDULE — 2 — NONE

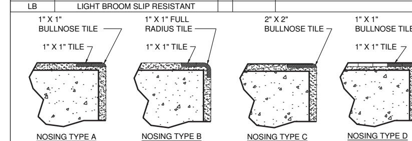
POOL FINISH SCHEDULE

AREA		POOL A	B	C	D	E	F	G	H	NOTES
HORIZONTAL SURFACES	FINISH	QA								
	COLOR	C06								
VERTICAL SURFACES (FREEBOARD)	FINISH	KT2								
	COLOR	C01								
VERTICAL SURFACES (SUBMERGED)	FINISH	QA								
	COLOR	C06								
HAND HOLD	FINISH	LB								
	COLOR	C01								
WATER LINE	FINISH	KT2								
	COLOR	C01								
FLOOR LANE MARKERS	FINISH	SR2								
	COLOR	C07								
WALL TARGETS	FINISH	SR2								
	COLOR	C07								
SAFETY LANE LINE	FINISH	SR2								
	COLOR	C07								
JOINT ACCENT / DRAIN GRATE TRIM	FINISH	SR1								
	COLOR	C02								
STAIR & BENCH NOSING	FINISH	SR2								TYPE C
	COLOR	C07								
DECK DEPTH MARKERS	FINISH	SR4								
	COLOR	C03								
NO DIVING MARKERS	FINISH	SR4								
	COLOR	C04								
WALL DEPTH MARKERS	FINISH	SR3								
	COLOR	C03								

NOTE:
1. FINISH PER SCHEDULE UNLESS OTHERWISE INDICATED.
2. ALL HORIZONTAL SURFACES SHALL BE SLIP RESISTANT.

FINISH & COLOR CODES

ID	FINISHES		ID	COLORS
QA	QUARTZ AGGREGATE		C01	AS SELECTED BY ARCHITECT
MP	MARCITE PLASTER		C02	MATCH TO POOL FINISH
PT	PAINT		C03	BLACK ON WHITE
C7	1"x2" KEYSTONE C-701 TILE		C04	BLACK & RED ON WHITE
KT1	1"x1" KEYSTONE TILE		C05	GALAXY BLUE
KT2	2"x2" KEYSTONE TILE		C06	LIGHT COLOR
CT1	6"x6" CERAMIC TILE		C07	CONTRASTING TO POOL FINISH
SR1	1"x1" SLIP RESISTANT TILE			
SR2	2"x2" SLIP RESISTANT TILE			
SR3	6"x6" SLIP RESISTANT CERAMIC TILE			
SR4	8"x8" SLIP RESISTANT CERAMIC TILE			
HH1	PVC HAND HOLD			
AC	ACRYLIC			
LB	LIGHT BROOM SLIP RESISTANT			



NOTE: TYPE A, B, C & D - 2" MIN CONTRASTING TILE BAND REQUIRED UNLESS OTHERWISE NOTED
ALL PERIMETER OVERFLOW GUTTER LIP TOLERANCES SHALL BE INSTALLED LEVEL
+/-1/16" MAXIMUM ELEVATION TOLERANCES UNLESS OTHERWISE SPECIFIED

WTI WATER TECHNOLOGY INC
100 Park Avenue, Post Office Box 614, Beaver Dam, Wisconsin 53916
Voice: 920.887.7375 Toll Free: 800.538.8207 Fax: 920.887.7999 www.watertechnologyinc.com

Copyright © 2014
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc. WTI #13151.01

www.cunniffe.com
CHARLES CUNNIFFE ARCHITECTS
610 EAST HYMAN AVE. | ASPEN, CO 81611 | TEL: 970.925.5590 | FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

DRAWING: **GENERAL POOL DETAILS**

ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	5-27-2014

JOB NO. 1402

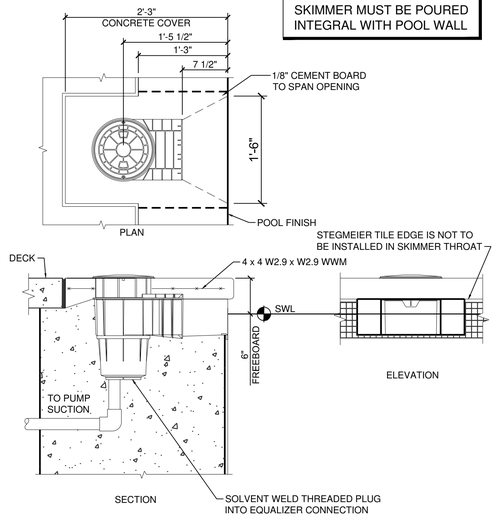
PL101

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS

THIS SPACE NOT USED | 9

NONE

NOTE:
SKIMMER MUST BE POURED INTEGRAL WITH POOL WALL



SKIMMER SPECIFICATIONS

1. SURFACE SKIMMER SHALL CONSIST OF A PRECISION MOLDED CYCOLAC HOUSING WITH A HEAVY DUTY COMPRESSION MOLDED THERMOSETTING PHENOLIC BASE.

2. THE BASE SHALL INCORPORATE TWO 2" NPT THREADED APERTURE WHICH SHALL ENABLE TESTING OF PIPING FROM INSIDE THE SKIMMER AS WELL AS EXTERNAL PIPE CONNECTIONS TO PUMP. BASE SHALL BE AN INTEGRAL PART OF THE SKIMMER BODY.

3. A 10" DIA NON-CORROSIVE, HEAVY DUTY, NON-SLIP DECK PLATE AND FRAME SHALL BE PROVIDED FOR EASY ACCESS TO THE SKIMMER INTERIOR. THE FRAME SHALL BE MOLDED CYCOLAC AND SHALL INCORPORATE A FLANGE BELOW DECK LEVEL FOR KEYING INTO CONCRETE AND SHALL BE ADJUSTABLE TO PERMIT VARIATIONS IN HEIGHT AND ANGLE OF DECK IN RELATION TO THE SKIMMER BODY. THE ACCESS PLATE SHALL BE MOLDED CYCOLAC AND SHALL BE SECURED TO THE FRAME BY MEANS OF TWO SS SCREWS TO PREVENT VANDALISM.

4. THE SKIMMER THROAT SHALL HAVE AN INTEGRAL MOLDED WEIR STOP WITH A CUSHION ATTACHED. THE SKIMMER THROAT SHALL BE WITH AN 8" WIDE HEAVY DUTY MOLDED WEIR AND HINGE WHICH AUTOMATICALLY ADJUSTS TO VARIATIONS IN POOL WATER LEVEL, WITHIN A 4" RANGE.

5. A REMOVABLE 7 1/2" DIA x 5 1/8" DEEP SYNTHETIC DEBRIS BASKET SHALL BE PROVIDED IN THE SKIMMER BODY.

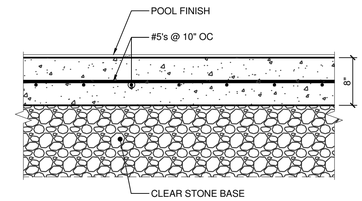
6. A REMOVABLE FLOAT VALVE HOUSING ASSEMBLY SHALL BE REMOVED AND DISCARDED.

7. AN ADJUSTABLE TRIMMER VALVE SHALL BE FITTED TO THE SKIMMER BASE TO PROVIDE AN ACCURATE FLOW ADJUSTMENT, THUS PERMITTING EQUALIZATION OF FLOW OF ALL SKIMMERS.

8. SURFACE SKIMMER SHALL BE SWIMQUIP MANUFACTURED BY STA-RITE INDUSTRIES, CATALOG #: 08650-1404, U-3 MOLDED ABS SKIMMER WITH WHITE LID, FRAME AND BASKET, 2" SLIP WITH 1 1/2" SLIP REDUCER.

SKIMMER | 7

1" = 1'-0"



FLOOR SECTION

8" REINFORCEMENT | 4

1" = 1'-0"

STRUCTURAL NOTES:

1. UNLESS OTHERWISE INDICATED, CONCRETE WALLS AND SLABS SHALL BE REINFORCED AS FOLLOWS: #4's @ 8" EACH WAY CENTER OF 8" SECTIONS; #4's @ 12" EACH WAY, EACH FACE OF 12" SECTIONS. SINGLE MAT REINFORCEMENT SHALL BE AT CENTER OF SECTION, UNLESS OTHERWISE INDICATED.
2. MIN CLEARANCE FOR REINFORCEMENT BARS, UNLESS OTHERWISE INDICATED, SHALL BE 3" WHEN PLACED ON GROUND; FOR SURFACES EXPOSED TO WATER, EARTH OR WEATHER - 1 1/2" CLEARANCE FOR #5 BARS OR SMALLER AND 2" CLEARANCE FOR LARGER THAN #5's; INTERIOR SLABS- 3/4" CLEARANCE, INTERIOR BEAMS 1 1/2" CLEARANCE. 2" AROUND ALL PIPES, LIGHT NICHES, AND OTHER EMBEDDED ITEMS.
3. REFER TO WALL CORNER AND WALL INTERSECTION REINFORCING DETAIL IN GENERAL, THE WALL CORNER REINFORCING SIZES AND SPACINGS SHALL BE CALLED OUT ON THE PLANS AND REFERENCED TO THESE DETAILS AND THE TYP HORIZONTAL WALL REINFORCING SHALL LAP WITH CORNER AND INTERSECTION REINFORCING.
4. UNLESS OTHERWISE INDICATED, ALL WALL REINFORCEMENT BARS SHALL BE CONTINUOUS AROUND CORNERS. REINFORCEMENT SHALL BE EXTENDED INTO CONNECTING WALLS. UNLESS OTHERWISE INDICATED, CONTRACTOR MAY SPLICE CONTINUOUS SLAB BARS AT LOCATIONS OF THERE CHOOSING, EXCEPT THAT TOP BAR SPLICES SHALL BE LOCATED AT MIDSPAN AND BOTTOM BAR SPLICES SHALL BE LOCATED AT SUPPORTS. ALL REINFORCEMENT BENDS AND LAPS, UNLESS OTHERWISE INDICATED, SHALL SATISFY THE FOLLOWING MIN REQUIREMENTS SHOWN BELOW.
5. DETAILS OF STRUCTURAL REINFORCEMENT INDICATED FOR A MIN SOIL BEARING PRESSURE OF 2500 PSF.

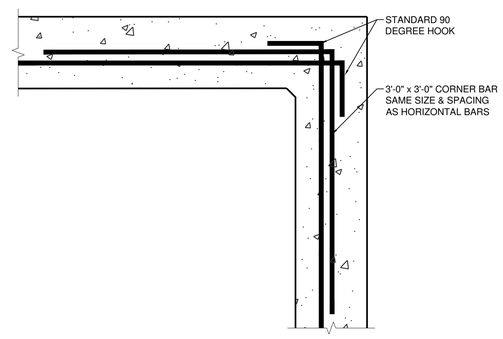
REINFORCEMENT LAP LENGTHS - DESIGN STRENGTH: CONCRETE 4000 PSI / SHOTCRETE 5000 PSI									
BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11
GR-60 TOP BAR	1'-7"	2'-1"	2'-7"	3'-1"	4'-6"	5'-2"	5'-10"	6'-7"	7'-3"
GR-60 OTHER BAR	1'-3"	1'-7"	2'-0"	2'-5"	3'-6"	4'-0"	4'-6"	5'-1"	5'-7"
STANDARD HOOK DIMENSION									
BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11
HOOK LENGTH	0'-7"	0'-9"	1'-0"	1'-2"	1'-4"	1'-6"	1'-11"	2'-2"	2'-5"

STRUCTURAL REINFORCEMENT NOTE | 1

NONE

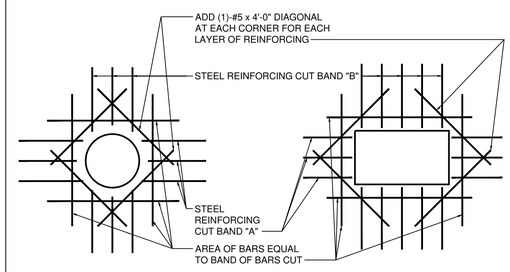
THIS SPACE NOT USED | 10

NONE



SINGLE MAT REINFORCING AT CORNER | 5

NONE

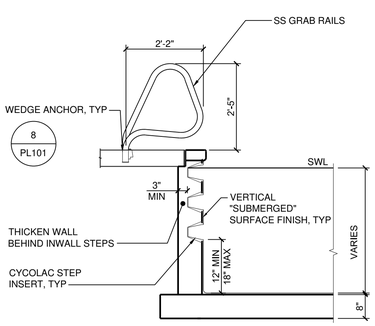


PROVIDE MIN LAP AS NOTED
OR SHOWN ON PLANS (TYP)

NOTES:
1. TYP FOR ALL OPENINGS IN CONCRETE WALLS AND SLABS INCLUDING DRAINS UNLESS INDICATED OTHERWISE ON PLANS.
2. DO NOT WELD REINFORCEMENT TO PIPE SLEEVES AND INSERTS.
3. ALL OPENINGS THROUGH WATERTIGHT TANK REQUIRE WATERSTOPS.

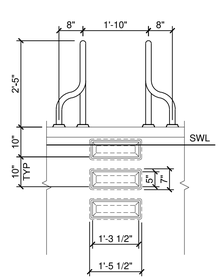
REINFORCEMENT AT OPENINGS | 2

NONE

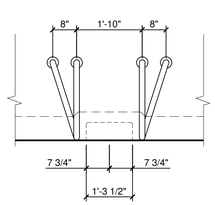


SECTION

NOTES:
GRAB RAILS SHALL BE FABRICATED OF ONE CONTINUOUS LENGTH OF TUBING, THE TUBING SHALL BE SS, 1.900" OD X .109" WALL, TYPE 304, POLISHED TO 500 GRIT. ALL BENDS SHALL BE SMOOTH AND WRINKLE FREE. CONNECTORS SHALL BE STAMPED SS, TYPE 304, AND BOLTS AND NUTS SHALL BE 18-8 SS.



ELEVATION

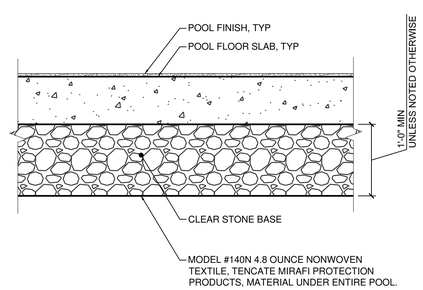


PLAN

GRAB RAILS & IN-WALL STEPS | 8

1/2" = 1'-0"

MATERIAL NOTE:
3/4" TO 1" CLEAR GRANULAR STONE WITH NO FINES PLACED IN MAX 6" THICK LIFTS.



POOL BASE | 6

1" = 1'-0"

SOIL PARAMETERS FOR POOL STRUCTURAL DESIGN

POOL DESIGNED FOR THE DRAINED CONDITION

ALL SOIL PARAMETERS FOR THE POOL STRUCTURAL DESIGN ARE BASED UPON RECOMMENDATIONS FROM THE GEOTECHNICAL REPORT BY BUCKHORN GEOTECH, DATED MARCH 16, 2014.
POOL SUBGRADE AND SOIL PREPARATION SHALL BE EXECUTED IN ACCORDANCE WITH THE RECOMMENDATIONS OUTLINED IN THE GEOTECHNICAL REPORT.

-STATED NET ALLOWABLE SOIL BEARING CAPACITY = 2500 PSF
-STATED EQUIVALENT FLUID PRESSURE = 54 PSF/FT
-GROUNDWATER LOCATED BELOW THE BOTTOM OF THE POOL SLAB.

SOIL PARAMETERS | 3

NONE

CCA

WTI
Water Technology, Inc.
102 Park Avenue
Lake Hopatcong, NJ 07849
Project Date: Wednesday, 5/28/14
Copyright © 2015
Voice: 973.887.0310
Toll Free: 800.526.7988
Fax: 973.887.0311
www.watertechnologies.com

This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc. WTI #13151.01

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. | ASPEN, CO 81611 | TEL: 970.925.5590 | FAX: 970.920.4557

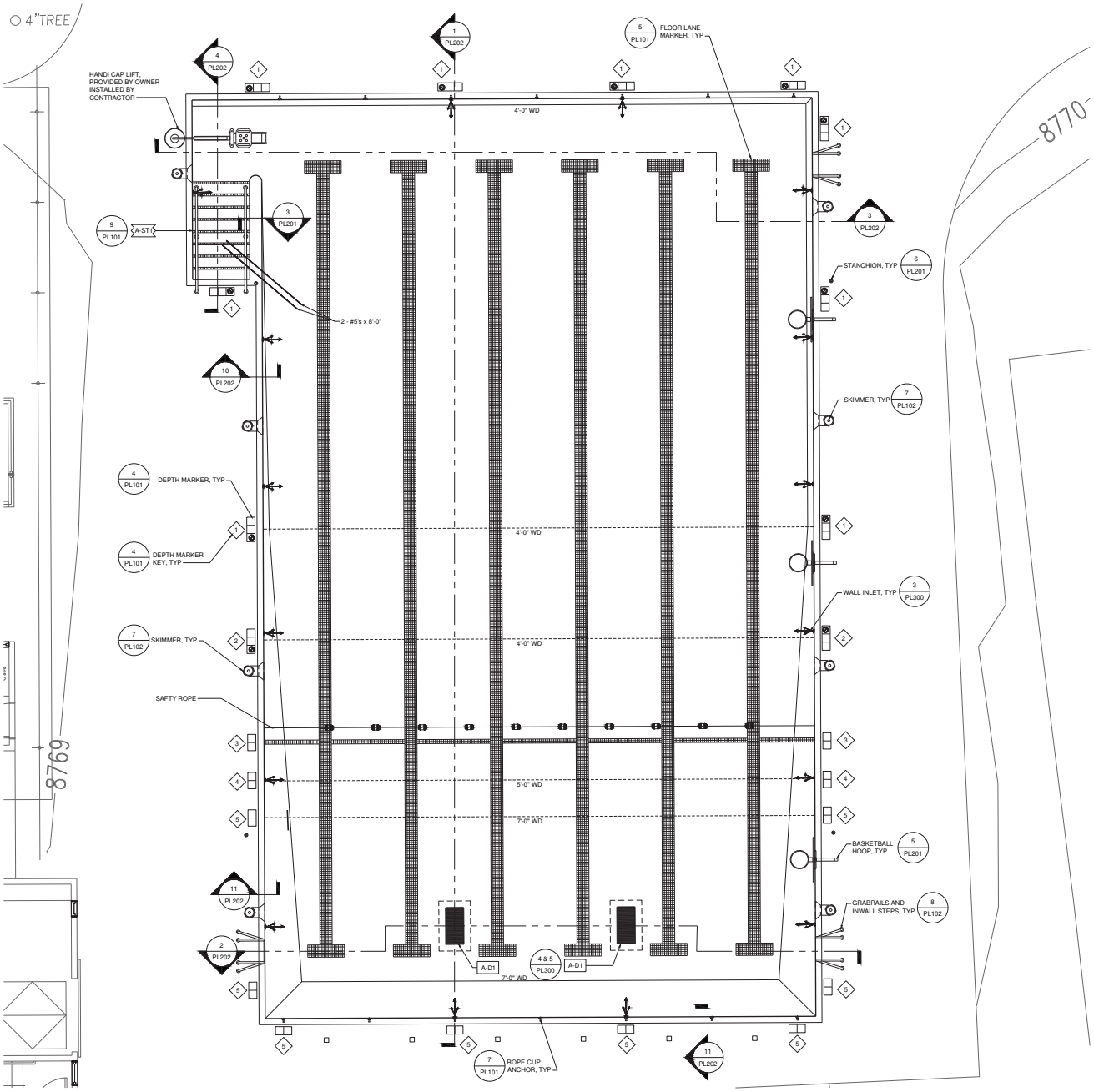
TELLURIDE TOWN PARK POOL

DRAWING:
GENERAL POOL DETAILS

ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	5-27-2014
JOB NO. 1402	

PL102

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS



POOL PLAN NOTE

1	COVE WALL TO WALL, WALL TO FLOOR, AND FLOOR TO FLOOR-RADIUS AS INDICATED ON DETAILS.
2	DEPTH MARKERS SHALL NOT EXCEED 25'-0" IN DISTANCE FROM CENTER TO CENTER AROUND POOL PERIMETER.
3	DEPTH MARKERS INSIDE THE POOL SHALL CORRESPOND WITH DEPTH MARKER LOCATIONS ON THE DECK.
4	LOCATE LIFEGUARD CHAIRS AS REQUIRED PER STATE AND LOCAL CODES AND PER OWNER'S SAFETY CONSULTANT.
5	EXPANSION/CONTROL JOINTS IN WALLS AND GUTTERS SHALL BE LOCATED IN LINE WITH ALL FLOOR JOINTS.

POOL A DATA

DESCRIPTION	QTY	UNITS			
POOL PERIMETER	251'-6"	FEET			
WATER SURFACE AREA	3,447	SQUARE FEET			
POOL VOLUME	118,639	GALLONS			
CIRCULATION RATE	395	GPM			
TURNOVER/VOLUME/FLOW	300 MIN.	118,639	GPM		
FILTRATION RATE	11.17	GPM/FT²			
PATRON LOAD	143	PERSONS			
POOL A FEATURES					
DESCRIPTION	QTY	(GPM/ea)			
	-	-	-		
	-	-	-		
	-	-	-		

POOL EQUIPMENT

EQUIPMENT	QTY	MANUFACTURER	DESCRIPTION
HANDICAP LIFT	1	RMT	SPLASH (CALIFORNIA LIFT PACKAGE) INCLUDES ARMREST PACKAGE AND SPINE BOARD. MUST BE ADA COMPLIANT WITH A MINIMUM LIFTING CAPACITY OF 400 LBS . INCLUDE SPLASH CADDIE. PROVIDE ANCHOR, BATTERY CHARGER, EXTRA BATTERY AND TOTAL COVER.
PORTABLE LIFEGUARD CHAIR	1	TAILWIND FURNITURE	RECYCLED PLASTIC WITH 304L SS HARDWARE, COLOR BY OWNER/ARCHITECT 64" SEAT HEIGHT - TLG530 (OWNER'S SAFETY CONSULTANT TO SPECIFY LOCATION.)
GRAB RAILS	3	SPECTRUM, S.R. SMITH, OR PARAGON AQUATICS	CALIFORNIA STYLE, 1.900" OD x .109 WALL, 304L SS
IN-WALL STEPS	11	S.R. SMITH	17-1/2" x 6", INJECTION MOLDED PLASTIC, PEBBLE TEXTURE, 1/4" WALL THICKNESS
HAND RAILS	2	SPECTRUM, S.R. SMITH, OR PARAGON AQUATICS	CUSTOM FABRICATED, 1.900" OD x .109 WALL, 304L SS
ANCHOR SOCKETS	16	SPECTRUM, S.R. SMITH, OR PARAGON AQUATICS	CAST BRONZE, 4-1/4" LONG, ACCEPTS 1.900" OD TUBING
ESCUTCHEON PLATES	16	SPECTRUM, S.R. SMITH, OR PARAGON AQUATICS	STANDARD, SS STAMPING
WALL INLETS	16	STA-RITE	8429,0000, 1-1/2", MOLDED ABS, WHITE
SKIMMERS	8	STA-RITE	SWIMQUIP MANUFACTURED BY STA-RITE INDUSTRIES, CATALOG # 08650-1404, U-3 MOLDED ABS SKIMMER WITH WHITE LID & FRAME, 2" SLIP WITH 1 1/2" SLIP REDUCERS; INCLUDE FLOAT & CHECK VALVE AND BASKET. PROVIDE WITH ASME A112.19.8-2007 CERTIFIED, WHITE, EQUALIZER FITTING AND COVER.
FILL & SENSOR FITTING	2	HAYWARD	SP-1019, WHITE, FITTING AND GRATE COVER
ROPE CUPS & EYE BOLTS	16	SPECTRUM OR PARAGON AQUATICS	4" SQUARE 304L SS ANCHOR AND 304L SS EYE BOLT
SAFETY ROPE	1		3/4" POLYETHYLENE ROPE WITH 5" x 9" HANDI-LOCK FLOAT, VERIFY LENGTH WITH PLANS
LANE DIVIDERS	7	COMPETITOR SWIM PRODUCTS	COMPETITOR, 4" RACING LANES, COLORS BY OWNER/ARCHITECT
LANE STORAGE REEL	2	SPECTRUM OR PARAGON AQUATICS	LARGE CAPACITY, SS CONSTRUCTION, WITH SS CASTERS

CCA

WTI
Water Technology, Inc.
Aquatic Engineers
Water Chemists
Water Quality Consultants
Water Systems Design
Water Systems Maintenance
Water Systems Repair
Water Quality Labs
Aspen, Colorado 81611
Toll Free: 800.525.9220
Fax: 970.925.5590
www.watertechnologies.com
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc. 9/01-01/2001 (01)

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS
610 EAST HYMAN AVE. | ASPEN, CO 81611 | TEL: 970.925.5590 | FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

DRAWING: **6LN X 25YD PLAN AND SECTIONS**

ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	5-27-2014
JOB NO. 1402	

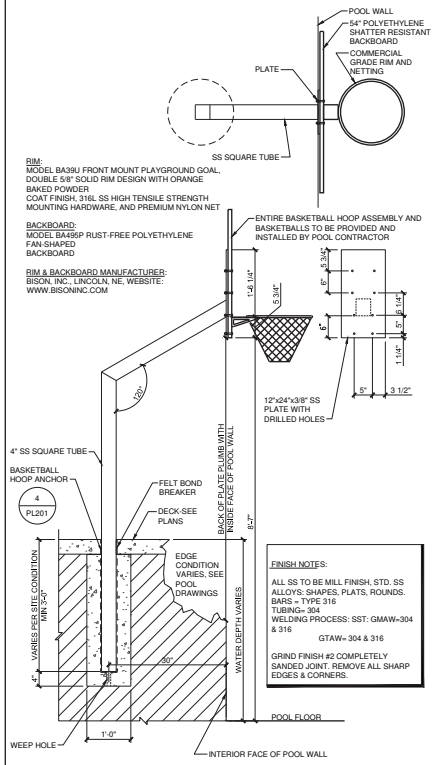
PL 200

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS

6LN X 25YD POOL PLAN

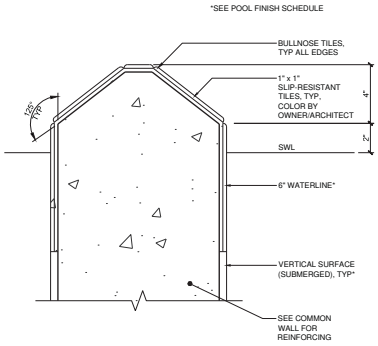
1

1/4"=1'-0"



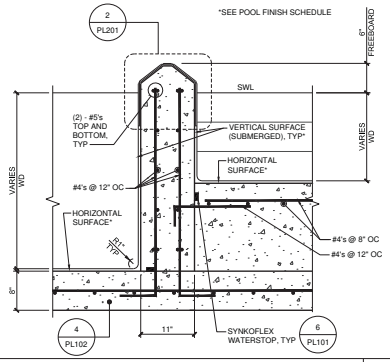
WATER BASKETBALL | 5

3/4" = 1'-0"



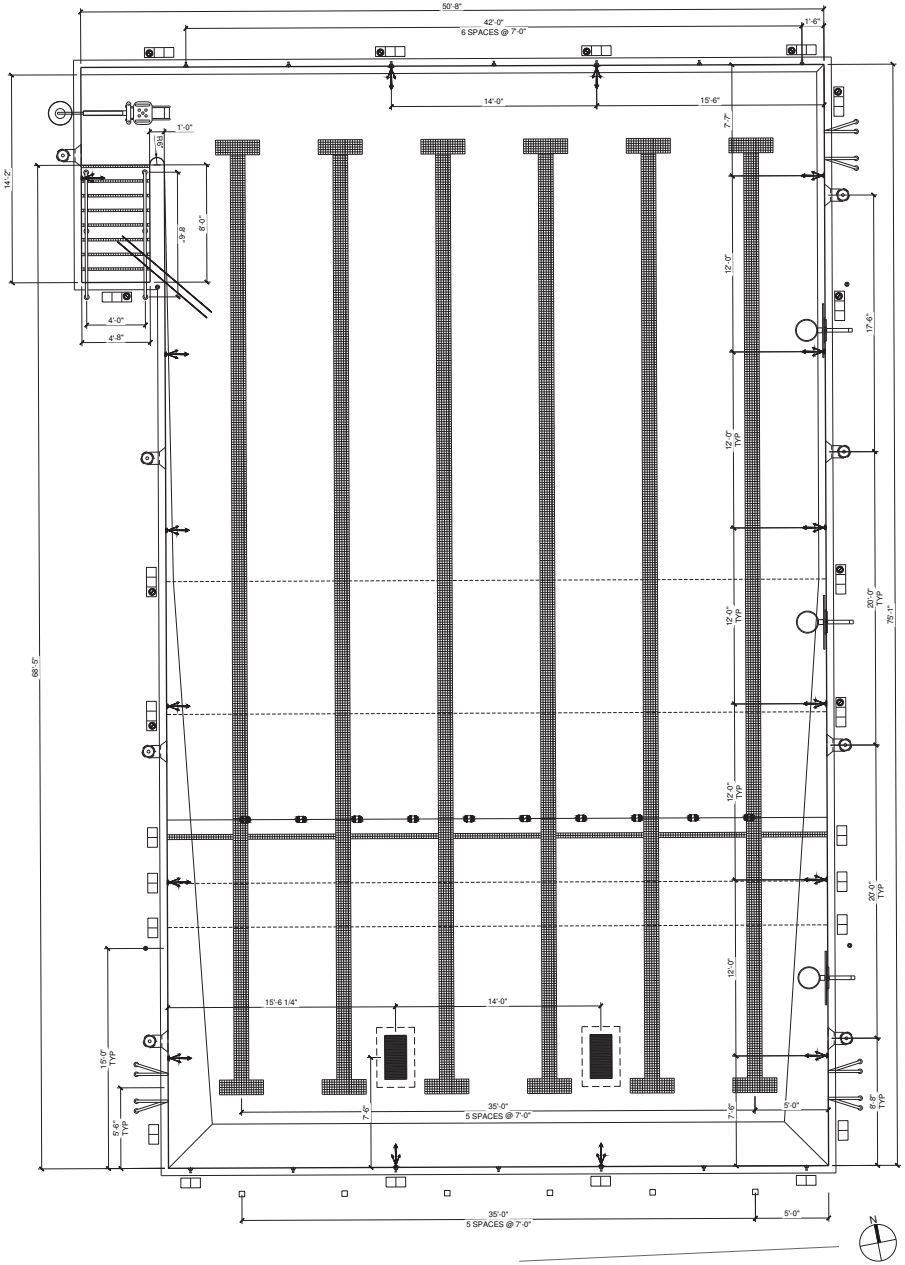
COMMON WALL - FINISH | 2

3" = 1'-0"



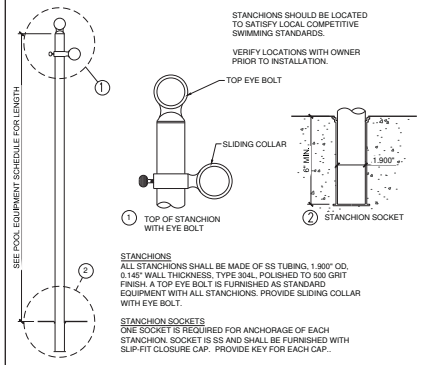
COMMON WALL @ STAIRS | 3

1" = 1'-0"



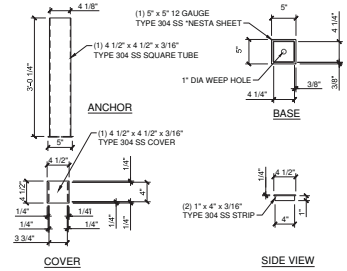
6LN x 25YD POOL DIMENSION PLAN | 1

1/4" = 1'-0"



STANCHION | 6

NONE



FINISH NOTES:
ALL SS TO BE MILL FINISH. STANDARD SS ALLOYS:
SHAPES, PLATES, ROUNDS, BARS = TYPE 304
TUBING = TYPE 304
PIPE = TYPE 304
WELDING PROCESS: SST: GMAW - 304 & 316
GTAW - 304 & 316
GRIND FINISH #2: COMPLETELY SANDED JOINT - REMOVE ALL SHARP EDGES & CORNERS.

WATER BASKETBALL - ANCHOR | 4

1" = 1'-0"

CCA

WTI
Water Technology, Inc.
Aspen, CO 81611
Fax: 970.925.5696
Voice: 970.925.5696
www.watertechnology.com

This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc. MT-4121501.01

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. | ASPEN, CO 81611 | TEL: 970.925.5590 | FAX: 970.920.4557

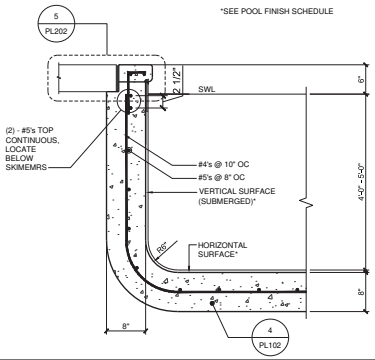
TELLURIDE TOWN PARK POOL

DRAWING: 6LN x 25YD POOL DIMENSION PLAN

ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	5-27-2014
JOB NO. 1402	

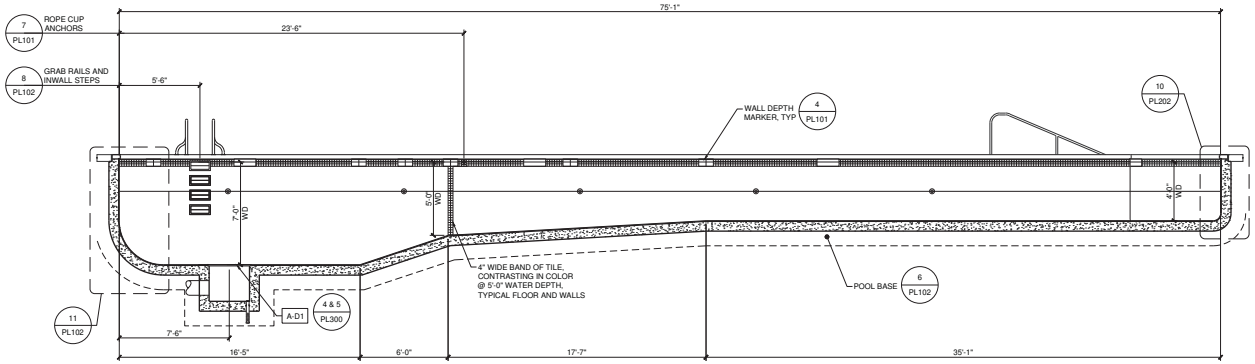
PL201

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS



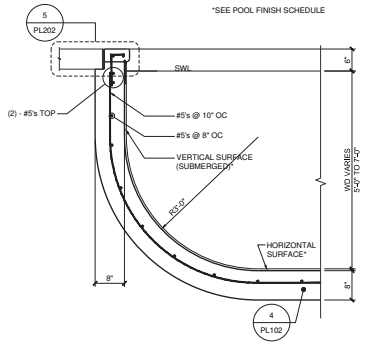
POOL WALL - 4'-0" - 5'-0" WD | **10**

1" = 1'-0"



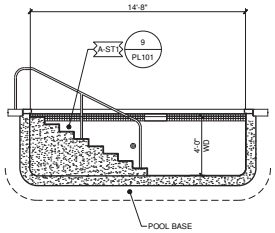
POOL SECTION-LENGTH | **1**

1/4"=1'-0"



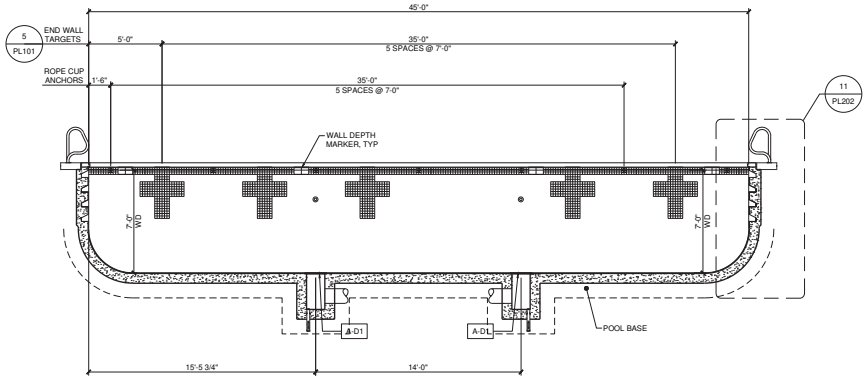
POOL WALL - 5'-0" TO 7'-0" WD | **11**

3/4" = 1'-0"



POOL SECTION-STAIRS | **4**

1/4" = 1'-0"

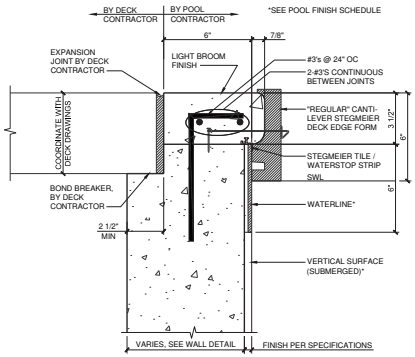


POOL SECTION WIDTH-DEEP | **2**

1/4"=1'-0"

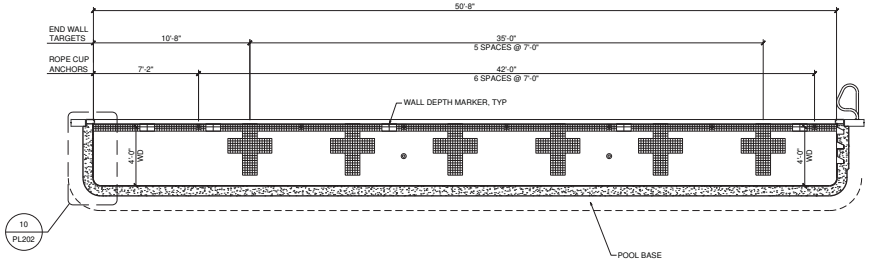
THIS SPACE NOT USED | **12**

NONE



POOL WALL - EDGE | **5**

3" = 1'-0"



POOL SECTION WIDTH-SHALLOW | **3**

1/4"=1'-0"

CCA

WTI

Water Technology, Inc.
Aspen, CO 81611
Tel: (970) 925-5590
Fax: (970) 925-5593
www.watertechnology.com

This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc. 970-413-0741 (P)

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. | ASPEN, CO 81611 | TEL: 970.925.5590 | FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

DRAWING:
6LN X 25VD
SECTIONS & DETAILS

ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	5-27-2014
JOB NO.: 1402	

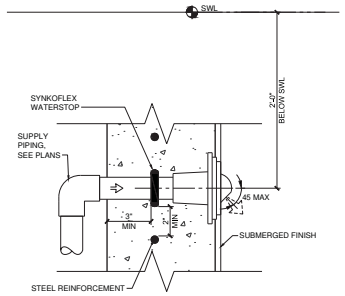
PL202

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS

GRATE ID	DETAIL #	DESIGN GRATE	TOTAL DESIGN FLOW	QTY	DESIGN GRATE WIDTH	DESIGN GRATE LENGTH	DESIGN GRATE OPEN AREA	TOTAL OPEN AREA	DESIGN POINT FLOW	DESIGN POINT VELOCITY	MAX ALLOWABLE FLOW PER GRATE	SYSTEM MAX FLOW PER GRATE	SYSTEM MAX VELOCITY
			(gpm)		(ft)	(ft)	(in2)	(in2)	(gpm)	(fps)	(gpm)	(gpm)	(fps)
A-D1		LAWSON AQUATICS: FI-SG-1836-28	395	2	1.50	3.00	343	687	198	0.18	1600	300	0.28
		-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-

NOTE: THE SYSTEM MAXIMUM FLOW RATE (SYSTEM MAX) SHALL BE DETERMINED BY USING THE FLOW AT THE END OF THE PUMP MANUFACTURER'S PUMP CURVE.

DRAIN SCHEDULE | 4 | NONE



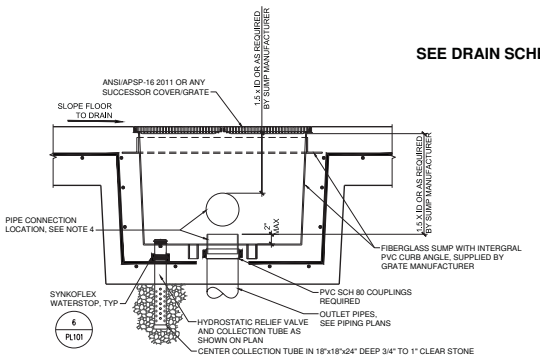
WALL INLET | 3 | NONE

POOL A PIPE SCHEDULE

PIPE ID	TYPE	NPS	FLOW	VELOCITY	DESCRIPTION
		(in)	(gpm)	(fps)	
S1-1	PVC SCH 40	6	395	4.4	MAIN DRAIN SUCTION
	-	-	-	-	-
S1-10	PVC SCH 40	6	395	4.4	SKIMMER SUCTION
S1-11	PVC SCH 40	6	198	2.2	SKIMMER SUCTION
S1-12	PVC SCH 40	4	148	3.8	SKIMMER SUCTION
S1-13	PVC SCH 40	3	99	4.4	SKIMMER SUCTION
S1-14	PVC SCH 40	2	49	4.8	TYPICAL SKIMMER SUCTION
	-	-	-	-	-
P1-10	PVC SCH 40	6	395	4.4	INLET SUPPLY
P1-11	PVC SCH 40	3	198	8.7	INLET HEADER LOOP
P1-12	PVC SCH 40	1	25	9.5	TYPICAL INLET SUPPLY
	-	-	-	-	-
G-10	PVC SCH 40	3	0	0.0	FILL LINE
G-20	PVC SCH 40	2	0	0.0	SENSOR LINE
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

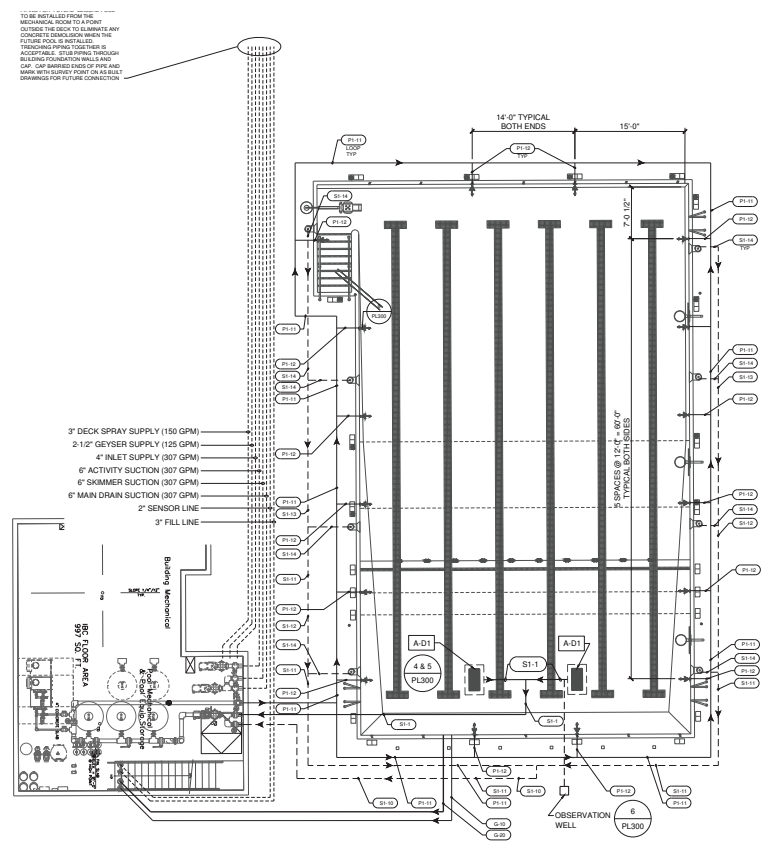
POOL A PIPE SCHEDULE | 1 | NONE

SEE DRAIN SCHEDULE AND PIPE PLANS

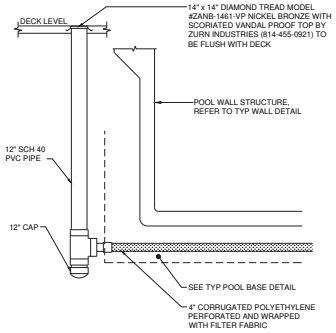


NOTES
1. SUMP AND GRATE COVER SHALL CONFORM WITH ANSI/APSP-16 2011 OR ANY SUCCESSOR STANDARD. VERIFY GRATE DIMENSIONS AND OUTLET REQUIREMENTS WITH GRATE/SUMP MANUFACTURER PRIOR TO SUBMITTING SHOP DRAWINGS.
2. CONCRETE OUTLET WALLS AND FLOOR SHALL BE 8" THICK WITH #4 BARS @ 8" OC.
3. THE FIBERGLASS SUMP SHALL BE FABRICATED USING 8 OZ. OF FIBERGLASS MAT, MARINE QUALITY RESIN AND COLORED GEL COAT. THE GEL COAT IS ONLY APPLIED TO THE INSIDE OF THE SUMP. THE WALL THICKNESS IS APPROXIMATELY .19" +/- .01". 2" FRP WATERSTOP GLASSED ONTO SUMP.
4. AT CONTRACTOR'S OPTION, SUMP MAY HAVE BOTTOM OR SIDE OUTLET PIPE CONNECTION.
5. CONTRACTOR SHALL INCLUDE ALL POOL DRAIN/WINTERIZATION PIPE CONNECTIONS AS SHOWN ON PIPING DRAWINGS.

FLOOR OUTLET | 5 | NONE



OVERALL PIPING PLAN | 2 | 3/16" = 1'-0"



OBSERVATION WELL | 6 | NONE

THIS SPACE NOT USED | 7 | NONE

CCA
CUNNIFFE ARCHITECTS
610 EAST HYMAN AVE. | ASPEN, CO 81611 | TEL: 970.925.5590 | FAX: 970.920.4537
www.cunniffe.com

WTI
Water Technology, Inc.
Fred Allen Blvd Ste 5
Carbondale, Colorado 81623
Copyright 2010
Tel/ Fax: 970-963-9441
Cell: 970-618-0000
www.watertechnology.com
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc. WTI 013101.01

TELLURIDE TOWN PARK POOL

DRAWING: **OVERALL PIPING PLAN**

ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	5-27-2014
JOB NO. 1402	

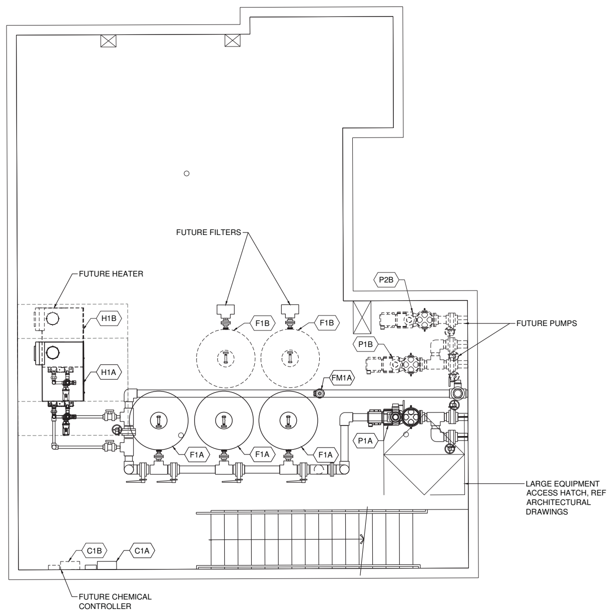
PL 300

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS

MECHANICAL PLAN NOTE

SECTION #13150 CONTRACTOR SHALL:

1	VERIFY EQUIPMENT PAD HEIGHT REQUIREMENTS FROM MANUFACTURER AND PROVIDE SHOP DRAWINGS TO POOL ENGINEER.
2	VERIFY ALL OPENINGS, PENETRATIONS, AND ELEVATIONS AND PROVIDE SHOP DRAWINGS TO POOL ENGINEER.
3	COORDINATE ALL PIPING AND EMBEDMENTS WITH AFFECTED TRADES.
4	REFER TO STRUCTURAL DRAWINGS FOR FUTURE CORED OPENINGS.
5	REFER TO ARCHITECTURAL PLANS FOR ACTUAL ROOM DIMENSIONS AND FINISHED FLOOR ELEVATIONS.
6	REFER TO PL1.02-2 FOR REINFORCEMENT AT PIPE PENETRATIONS.
7	SUPPORT PIPES PER PLX.XX-X THRU X.
8	ALL CONNECTIONS AND HANGERS IN SURGE TANK TO BE STAINLESS STEEL.



POOL EQUIPMENT LAYOUT - LOWER LEVEL | 6

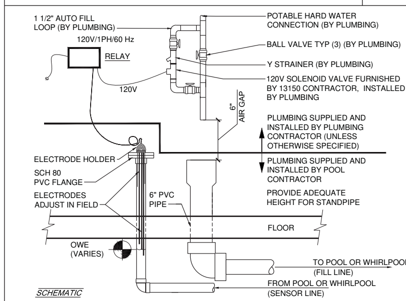
1/4" = 1'-0"

POOL B
MECHANICAL EQUIPMENT SCHEDULE

ID TAG	DESCRIPTION	QTY.	BASIS OF DESIGN
P1B	FILTRATION PUMP	1	PENTAIR PUMP, EQ SERIES, EQK750, 307 GPM, @ 72' TDH, 7.5 HP, 230/460 VOLT, 3 PHASE, 60HZ, 3450 RPM, ODP MOTOR, END SUCTION, SELF PRIMING, CLOSE COUPLED, PROVIDE WITH INTEGRAL 6" x 6" STRAINER AND EXTRA STRAINER BASKET.
P2B	ACTIVITY PUMP	1	PENTAIR PUMP, EQ SERIES, EQK500, 275 GPM, @ 57' TDH, 5 HP, 230/460 VOLT, 3 PHASE, 60HZ, 3450 RPM, ODP MOTOR, END SUCTION, SELF PRIMING, CLOSE COUPLED, PROVIDE WITH INTEGRAL 6" x 6" STRAINER AND EXTRA STRAINER BASKET.
F1B	FILTERS	2	NEPTUNE BENSON, INC., LEGACY SERIES, (2)#48CCFG-3, 48" DIAMETER FIBERGLASS TANK, 58" HIGH, 11.8 SQUARE FEET OF TOTAL SURFACE AREA EACH, 23.6 SQUARE FEET OF TOTAL FILTER AREA, 13.01 GPM/S.F. OF FILTER AREA, PROVIDE WITH MULTI-PORT VALVES.
C1B	CHEMICAL CONTROLLER	1	BECS TECHNOLOGY, BECSys3 CONTROLLER, CONTINUOUS MONITORING AND CONTROL, WITH SENSORS AND FLOW ASSEMBLY FOR pH RANGE 0-14, ORP RANGE -1000 TO + 1000mV.
AF1B	AUTO FILL	1	B.W. CONTROLS, #5200-LFI-N4 RELAY, #6012-KF3-RC ELECTRODE HOLDER, #6013-SS-X-C ELECTRODES, (1) ASCO 8221 SERIES, 1.5", SLOW CLOSING BRASS BODY, BUNA "N" SEALS AND DISCS, NORMALLY CLOSED, WATERTIGHT ENCLOSURE.
CP1B	CHLORINATOR	1	ARCH CHEMICALS, PULSAR 140, 100 POUND CAPACITY, 5 TO 140 LBS/DAY OUTPUT, WITH 1 HP RECIRCULATION PUMP, VENTURI, SOLENOID VALVE, AND CONNECTIONS FOR STANDARD INSTALLATION, USE PULSAR PLUS BRIQUETTES (CALCIUM HYPOCHLORITE) FOR DISINFECTANT, PROVIDE WITH EXTRA TABLET STRAINER
CT1B	CHLORINE STORAGE	---	BUCKETS AS PROVIDED BY OWNER'S CHEMICAL SUPPLIER.
AP1B	ACID FEEDER	1	STENNER, SERIES 85M, #85M3, 2.0 TO 40.0 GALLONS PER DAY OUTPUT, 120 VOLTS, USE MURIATIC ACID FOR pH CONTROL. PROVIDE WITH WEIGHTED FOOT STRAINER.
AT1B	ACID STORAGE	---	15 GALLON CARBOYS PROVIDED BY OWNER'S CHEMICAL SUPPLIER.
H1B	HEATER	1	PENTAIR COMMERCIAL POWERMAX, HIGH PERFORMANCE ELECTRONIC INGNITION HEATER, 1,500,000 BTU/H INPUT, 2" NATURAL GAS CONNECTION, 2-1/2" UNIVERSAL WATER CONNECTIONS, 12" DIAMETER PVC FLUE, PROVIDE WITH VENT TERMINATION KIT, A.S.M.E. LABEL, RELIEF VALVE, FLOW SWITCH, SAFETY DEVICE PACKAGE PER STATE AND LOCAL CODE.
FM1B	FLOW METER	1	SIGNET SCIENTIFIC, MK 515 ROTOR-X FLOW SENSOR, PV8 SERIES, SADDLE OR TEE MOUNTED SENSOR INSTALLATION FITTING, 509 SENSOR-POWERED PROPOINT FLOW MONITOR, FLOWMETER SHALL BE WALL MOUNTED. SCALE RANGE 0 TO 500 GPM

FUTURE -- LEISURE POOL EQUIPMENT LIST | 3

NONE



AUTO FILL | 4

NONE

POOL A DATA					
DESCRIPTION	QTY	UNITS			
POOL PERIMETER	251'-6"	FEET			
WATER SURFACE AREA	3,447	SQUARE FEET			
POOL VOLUME	118,639	GALLONS			
CIRCULATION RATE	395	GPM			
TURNOVER/VOLUME/FLOW	300 MIN.	118,639	GPM		
FILTRATION RATE	11.17	GPM/FT²			
PATRON LOAD	143				PERSONS
					POOL A FEATURES
DESCRIPTION	QTY	(GPM/ea)			
	-	-	-		
	-	-	-		
	-	-	-		

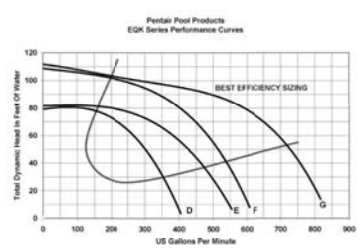
POOL A
MECHANICAL EQUIPMENT SCHEDULE

ID TAG	DESCRIPTION	QTY.	BASIS OF DESIGN
P1A	FILTRATION PUMP	1	PENTAIR PUMP, EQ SERIES, EQK1000, 396 GPM, @ 80' TDH, 10 HP, 230/460 VOLT, 3 PHASE, 60HZ, 3450 RPM, ODP MOTOR, END SUCTION, SELF PRIMING, CLOSE COUPLED, PROVIDE WITH INTEGRAL 6" x 6" STRAINER AND EXTRA STRAINER BASKET.
F1A	FILTERS	3	NEPTUNE BENSON, INC., LEGACY SERIES, (3)#48CCFG-3, 48" DIAMETER FIBERGLASS TANK, 58" HIGH, 11.8 SQUARE FEET OF TOTAL SURFACE AREA EACH, 35.4 SQUARE FEET OF TOTAL FILTER AREA, 11.17 GPM/S.F. OF FILTER AREA, BACKWASH ONE TANK AT A TIME AT A MAX RATE OF 177 GPM
✳ C1A	CHEMICAL CONTROLLER ***(PROVIDED BY OWNER)***	1	BECS TECHNOLOGY, BECSys3 CONTROLLER, CONTINUOUS MONITORING AND CONTROL, WITH SENSORS AND FLOW ASSEMBLY FOR pH RANGE 0-14, ORP RANGE -1000 TO + 1000mV.
AF1A	AUTO FILL	1	B.W. CONTROLS, #5200-LFI-N4 RELAY, #6012-KF3-RC ELECTRODE HOLDER, #6013-SS-X-C ELECTRODES, (1) ASCO 8221 SERIES, 1.5", SLOW CLOSING BRASS BODY, BUNA "N" SEALS AND DISCS, NORMALLY CLOSED, WATERTIGHT ENCLOSURE.
✳ CP1A	CHLORINATOR ***(PROVIDED BY OWNER)***	1	PULSAR 3 CHLORINATOR, PROVIDED BY OWNER TO BE RE-INSTALLED AND USED ON THE NEW POOL. REFER TO GENERAL SCHEMATIC DETAIL FOR PIPING AND CONNNECTIONS.
CT1A	CHLORINE STORAGE	---	BUCKETS AS PROVIDED BY OWNER'S CHEMICAL SUPPLIER.
✳ AP1A	ACID FEEDER ***(PROVIDED BY OWNER)***	1	STENNER, SERIES 85M, #85M3, 2.0 TO 40.0 GALLONS PER DAY OUTPUT, 120 VOLTS, USE MURIATIC ACID FOR pH CONTROL. RE-INSTALL EXISTING ACID FEED PUMP AS SUPPLIED BY OWNER.
AT1A	ACID STORAGE	---	15 GALLON CARBOYS PROVIDED BY OWNER'S CHEMICAL SUPPLIER.
H1A	HEATER	1	PENTAIR COMMERCIAL POWERMAX, HIGH PERFORMANCE ELECTRONIC INGNITION HEATER, 1,500,000 BTU/H INPUT, 2" NATURAL GAS CONNECTION, 2 1/2" UNIVERSAL WATER CONNECTIONS, 12" DIAMETER PVC FLUE, PROVIDE WITH VENT TERMINATION KIT, A.S.M.E. LABEL, RELIEF VALVE, FLOW SWITCH, SAFETY DEVICE PACKAGE PER STATE AND LOCAL CODE.
FM1A	FLOW METER	1	SIGNET SCIENTIFIC, MK 515 ROTOR-X FLOW SENSOR, PV8 SERIES, SADDLE OR TEE MOUNTED SENSOR INSTALLATION FITTING, 509 SENSOR-POWERED PROPOINT FLOW MONITOR, FLOWMETER SHALL BE WALL MOUNTED. SCALE RANGE 0 TO 500 GPM

✳ ITEMS NOTED AS SUCH ARE EXISTING ON THE CURRENT TELLURIDE POOL AND ARE TO BE INSTALLED AND RE-USED ON THE NEW POOL. ALL EQUIPMENT NOTED "PROVIDED BY OWNER" IS ASSUMED TO BE IN GOOD WORKING CONDITION. ANY DEFICIENCIES MUST BE NOTED BY THE CONTRACTOR PRIOR TO INSTALLATION.

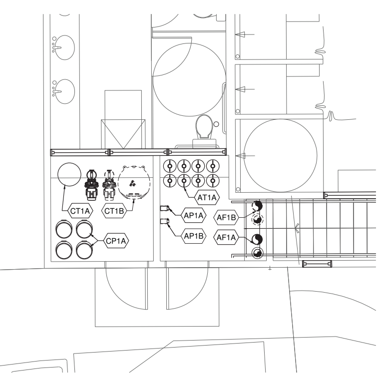
LAP POOL EQUIPMENT LIST | 1

NONE



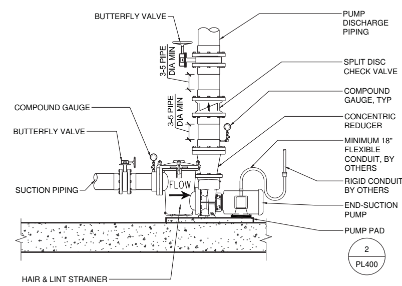
POOL A PUMP CURVE | 8

NONE



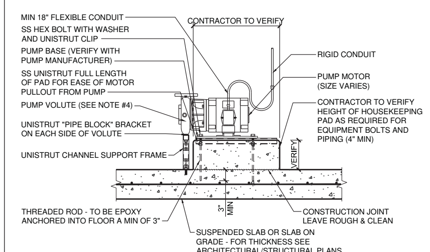
POOL EQUIPMENT LAYOUT - UPPER LEVEL | 7

1/4" = 1'-0"



PUMP INSTALLATION | 5

NONE



NOTES:
1. PAD SIZE SHALL BE MIN INDICATED OR AS SHOWN ON THE PLANS OR AS INDICATED BY THE MANUFACTURER.
2. THE SIZE, NUMBER, TYPE, LOCATION, AND THREAD PROJECTION OF THE ALL THREAD ROD SHALL BE DETERMINED BY THE EQUIPMENT MANUFACTURER/INSTALLING CONTRACTOR, ALL THREAD ROD SHALL BE HELD IN POSITION WITH A TEMPLATE WHILE PAD IS BEING POURED.
3. EQUIPMENT BASES SHALL BE INSTALLED LEVEL UNLESS SPECIFIED OTHERWISE. EQUIPMENT BASES SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR. SIZES AND LOCATIONS TO BE VERIFIED BY CONTRACTOR.
4. DO NOT ALLOW PUMP VOLUTE TO CARRY WEIGHT OF PIPING. PROVIDE SUPPORT FOR VOLUTE AS ILLUSTRATED ABOVE. SIMILARLY PROVIDE SUPPORT FOR PUMP SUCTION AND DISCHARGE PIPING WHILE ALLOWING FOR PUMP REMOVAL.

PUMP PAD | 2

NONE

CCA

WTI
100 Park Avenue, Post Office Box 614, Beaver Dam, Wisconsin 53916
Voice: 920.887.7375 Toll Free: 800.538.8207 Fax: 920.887.7999 www.watertechnologyinc.com

Copyright © 2014
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc. WTI #13151.01

www.cunniffe.com

CHARLES CUNNIFFE ARCHITECTS

610 EAST HYMAN AVE. | ASPEN, CO 81611 | TEL: 970.925.5590 | FAX: 970.920.4557

TELLURIDE TOWN PARK POOL

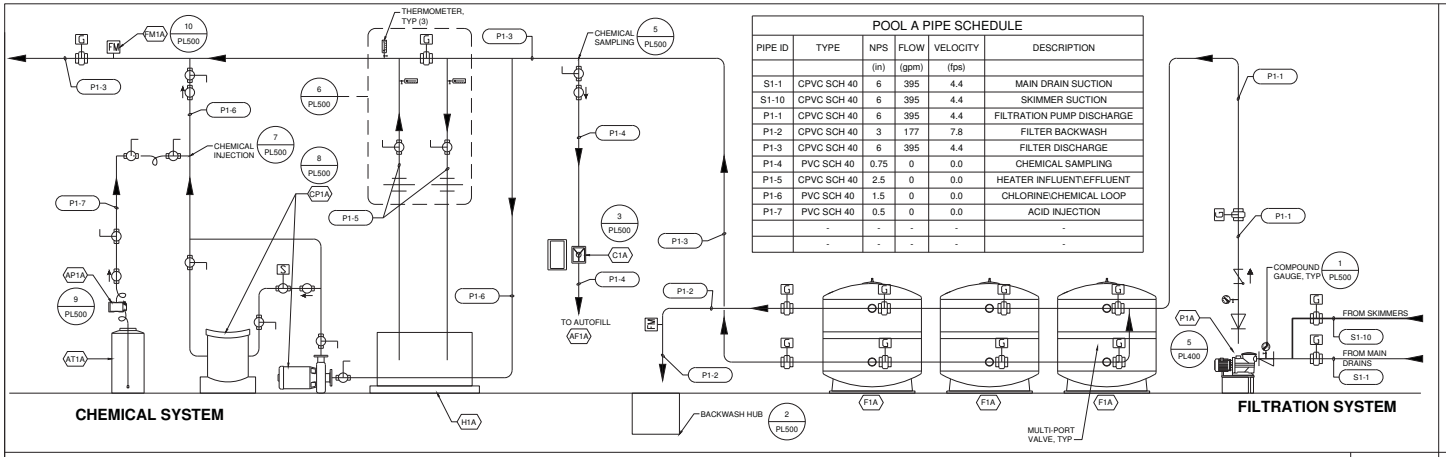
DRAWING: **POOL MECHANICAL & DETAILS**

ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	5-27-2014

JOB NO. 1402

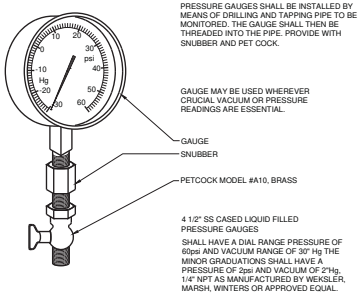
PL 400

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS



POOL A PIPE SCHEDULE					
PIPE ID	TYPE	NPS	FLOW	VELOCITY	DESCRIPTION
		(in)	(gpm)	(fps)	
S1-1	CPVC SCH 40	6	395	4.4	MAIN DRAIN SUCTION
S1-10	CPVC SCH 40	6	395	4.4	SKIMMER SUCTION
P1-1	CPVC SCH 40	6	395	4.4	FILTRATION PUMP DISCHARGE
P1-2	CPVC SCH 40	3	177	7.8	FILTER BACKWASH
P1-3	CPVC SCH 40	6	395	4.4	FILTER DISCHARGE
P1-4	PVC SCH 40	0.75	0	0.0	CHEMICAL SAMPLING
P1-5	CPVC SCH 40	2.5	0	0.0	HEATER INFLUENT/EFFLUENT
P1-6	PVC SCH 40	1.5	0	0.0	CHLORINE/CHEMICAL LOOP
P1-7	PVC SCH 40	0.5	0	0.0	ACID INJECTION
	-	-	-	-	-
	-	-	-	-	-

POOL A PIPING SCHEMATIC | 4 | NONE



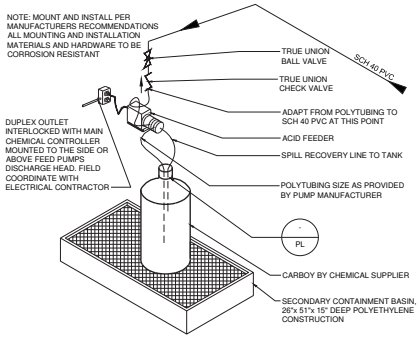
PRESSURE GAUGES SHALL BE INSTALLED BY MEANS OF DRILLING AND TAPPING PIPE TO BE MONITORED. THE GAUGE SHALL THEN BE THREADED INTO THE PIPE. PROVIDE WITH SNUBBER AND PET COCK.

GAUGE MAY BE USED WHEREVER CRUCIAL VACUUM OR PRESSURE READINGS ARE ESSENTIAL.

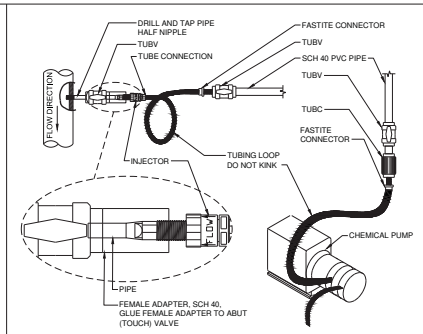
4 1/2" SS CASED LIQUID FILLED PRESSURE GAUGES

SHALL HAVE A DIAL RANGE PRESSURE OF 60psi AND VACUUM RANGE OF 30" Hg THE MINOR GRADUATIONS SHALL HAVE A PRESSURE OF 2psi AND VACUUM OF 2"Hg. 1/4" NPT AS MANUFACTURED BY WEKSLER, MARSH, WINTERS OR APPROVED EQUAL.

COMPOUND GAUGE | 1 | NONE

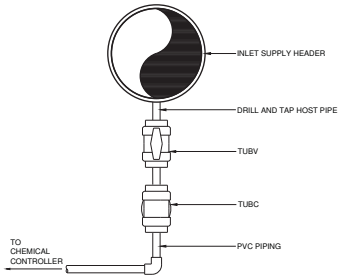


ACID SYSTEM ISOMETRIC | 9 | NONE

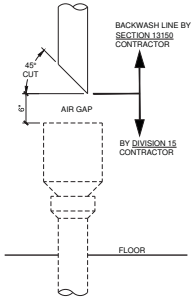


NOTE: FOR PIPING USE FASTITE CONNECTOR OR SIMILAR COMPRESSION FITTING.

CHEMICAL INJECTION | 7 | NONE



CHEMICAL SAMPLING | 5 | NONE



THE TABLE SPECIFIES THE MIN RECOMMENDED DIA OF THE BACKWASH HUB.

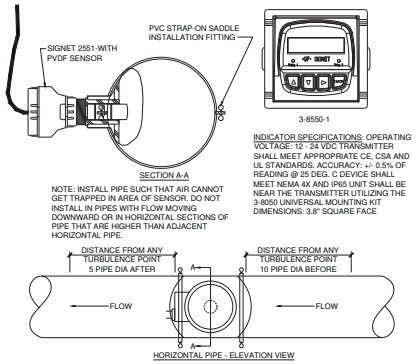
FILTER BACKWASH LINE SIZE	RECOMMENDED BACKWASH HUB SIZE
1"	4"
1.5"	4"
2"	6"
2.5"	6"
3"	8"
4"	10"
6"	12"
8"	16"
10"	20"
12"	24"

THE DRAIN LINE PIPE SIZE TO THE SANITARY OR STORM SEWER MUST BE DETERMINED BY THE CIVIL/MECHANICAL ENGINEER, BASED ON FLOW VELOCITY IN THE DRAIN PIPING.

PROVIDE ADEQUATE HEIGHT FOR BACKWASH HUB !

REFER TO PLUMBING DRAWINGS FOR DETAILS AND PIPE CONTINUATION.

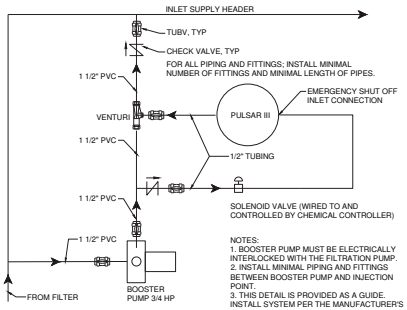
BACKWASH AIR GAP | 2 | NONE



INDICATOR SPECIFICATIONS: OPERATING VOLTAGE: 12 - 24 VDC TRANSMITTER SHALL MEET APPROPRIATE CE, CSA AND UL STANDARDS. ACCURACY: +/- 0.5% OF READING @ 25 DEG. C DEVICE SHALL MEET NEMA 4X AND IP65 UNIT SHALL BE NEAR THE TRANSMITTER UTILIZING THE 3-8050 UNIVERSAL MOUNTING KIT DIMENSIONS: 3.8" SQUARE FACE

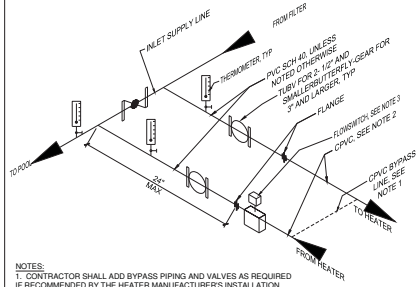
NOTE: INSTALL PIPE SUCH THAT AIR CANNOT GET TRAPPED IN AREA OF SENSOR. DO NOT INSTALL IN PIPES WITH FLOW MOVING DOWNWARD OR IN HORIZONTAL SECTIONS OF PIPE THAT ARE HIGHER THAN ADJACENT HORIZONTAL PIPE.

FLOW METER - SIGNET 2551 MAGMETER | 10 | NONE



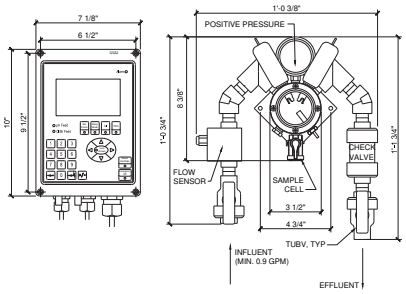
NOTES:
1. BOOSTER PUMP MUST BE ELECTRICALLY INTERLOCKED WITH THE FILTRATION PUMP.
2. INSTALL MINIMAL PIPING AND FITTINGS BETWEEN BOOSTER PUMP AND INJECTION POINT.
3. THIS DETAIL IS PROVIDED AS A GUIDE. INSTALL SYSTEM PER THE MANUFACTURER'S INSTALLATION RECOMMENDATIONS/INSTRUCTIONS.

CHLORINE SYSTEM - PULSAR 3 | 8 | NONE



NOTES:
1. CONTRACTOR SHALL ADD BYPASS PIPING AND VALVES AS REQUIRED IF RECOMMENDED BY THE HEATER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. PIPING FROM FLANGES IN SKETCH ABOVE TO HEATER SHALL BE CPVC. CPVC PIPE LENGTH MUST BE A MIN OF 10 LINEAR FEET OR PER THE MANUFACTURER'S RECOMMENDATIONS, WHICHEVER IS GREATER.
3. INSTALL FLOWSWITCH ON EFFLUENT SIDE OF HEATER AS CLOSE TO THE HEATER CONNECTION AS POSSIBLE AND IN CONFORMANCE WITH MANUFACTURER'S INSTALLATION REQUIREMENTS.

HEATER LOOP | 6 | NONE



WS-RAK FLOW CELL

CHEMICAL CONTROLLER | 3 | NONE

CCA
WTI
Water Technology, Inc.
Fax:(954) 486-9720
Hours: 8:00 AM - 5:00 PM
Mon-Fri
www.watertechnologies.com

This Document and the ideas, workings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc. WTI 013151.01

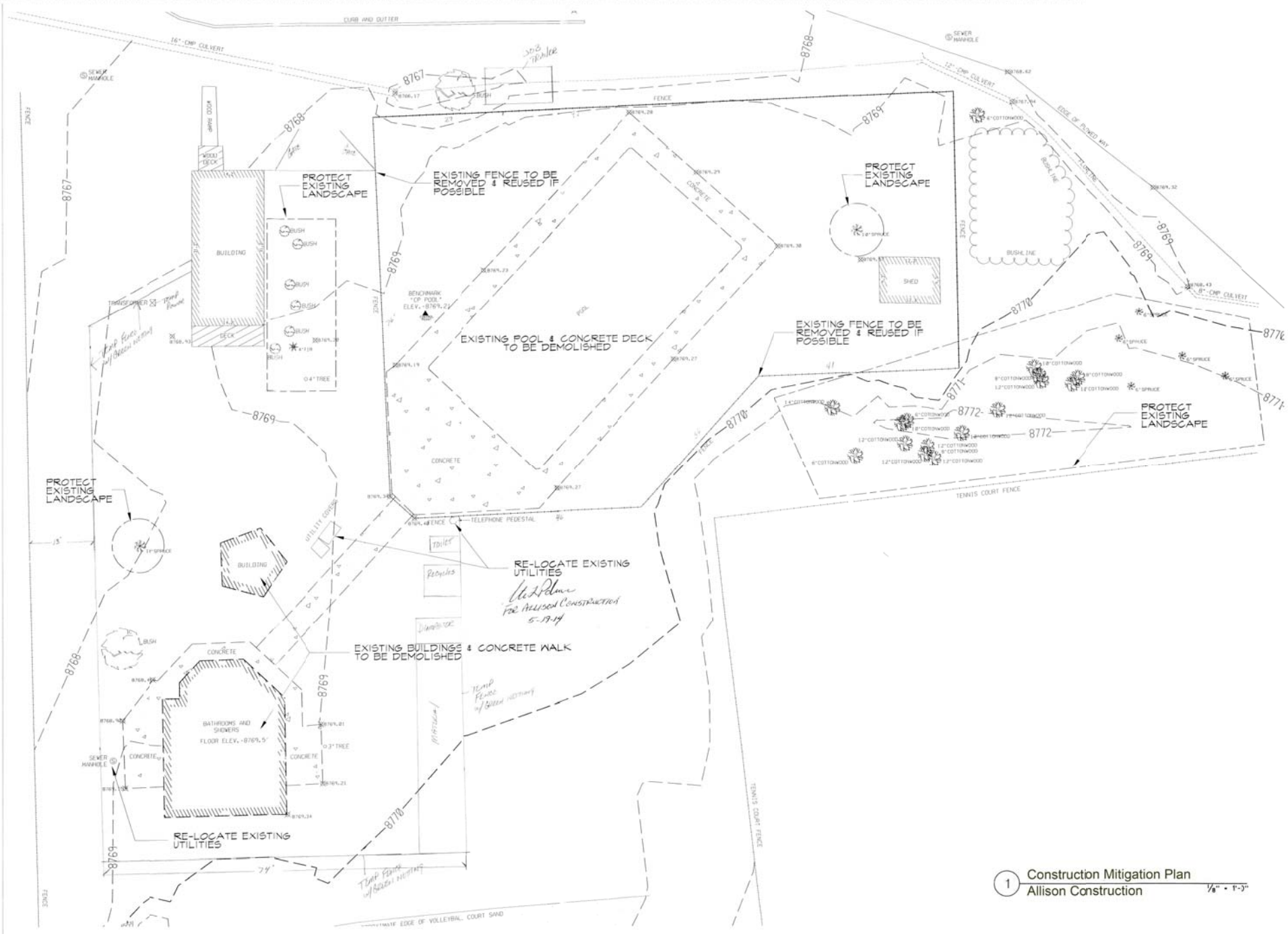
www.cunniffe.com
CHARLES CUNNIFFE ARCHITECTS
610 EAST HYMAN AVE. | ASPEN, CO 81611 | TEL: 970.925.5590 | FAX: 970.920.4537

TELLURIDE TOWN PARK POOL

DRAWING: MECHANICAL DETAILS	
ISSUE:	DATE:
HARC Review	4-23-2014
HARC Revisions	4-30-2014
PERMIT SUB.	5-27-2014
JOB NO. 1402	

PL 500

©COPYRIGHT CHARLES CUNNIFFE ARCHITECTS



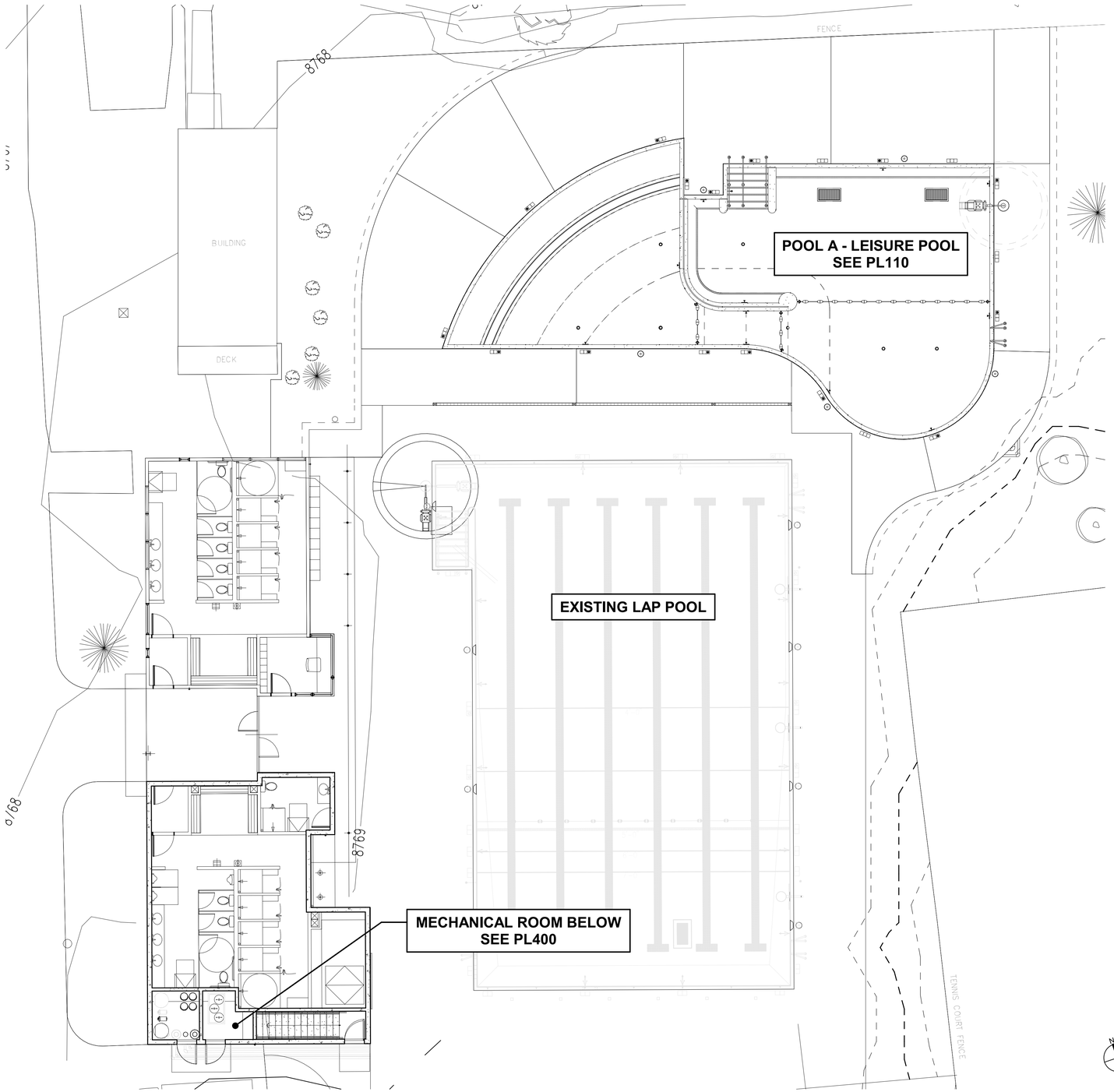
1 Construction Mitigation Plan
Allison Construction
1/8" = 1'-0"

TELLURIDE TOWN PARK

TOWN PARK
TELLURIDE, COLORADO

DRAWING: SITE DEMO PLAN	
ISSUE:	DATE:
HARC Pre- App.	3-13-2014
HARC Review	4-23-2014
HARC Revisions	4-30-2014
JOB NO. 1402	

SHEET NO.



1 OVERALL AQUATIC PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. LOCATE LIFEGUARD CHAIRS AS REQUIRED PER STATE AND LOCAL CODES AND PER OWNER'S SAFETY CONSULTANT.
2. SCHEDULE QUANTITIES ARE SHOWN FOR VALUE ENGINEERING PURPOSES. IT IS THE INSTALLING CONTRACTORS RESPONSIBILITY TO VERIFY QUANTITIES REQUIRED.
3. CONTRACTOR SHALL CONTACT ENGINEER FOR ELECTRONIC DRAWING FILES PRIOR TO COMMENCING POOL STAKING WORK.
4. ENGINEER WILL PROVIDE ELECTRONIC PLAN VIEW OF ALL POOLS IN AUTOCAD DRAWING FORMAT FOR CONTRACTOR'S USE TO LOCATE STRUCTURES AND RELATED POOL DECK EQUIPMENT.

SCHEDULE - SHEET LIST

SHEET NO.	SHEET NAME
PL100	OVERALL AQUATIC PLAN
PL101	GENERAL DETAILS AND SCHEDULES
PL103	ADA DETAILS
PL110	POOL A - LEISURE POOL PLAN
PL111	POOL A - LEISURE POOL DIMENSION PLAN
PL112	POOL A - LEISURE POOL SECTIONS
PL113	POOL A - LEISURE POOL DETAILS
PL200	STRUCTURAL
PL201	STRUCTURAL
PL202	STRUCTURAL
PL203	STRUCTURAL
PL300	OVERALL PIPING PLAN
PL301	PIPING DETAILS
PL310	POOL A - LEISURE POOL PIPING PLAN
PL400	MECHANICAL PLAN AND DETAILS
PL401	MECHANICAL DETAILS
PL402	MECHANICAL DETAILS
PL510	POOL A - LEISURE POOL P&ID
PL511	POOL A - LEISURE POOL ELECTRICAL SCHEMATIC
PL700	OVERALL DECK PLAN
PL701	DECK DETAILS

PROVIDE THE FOLLOWING SPECIALTY EQUIPMENT WITH BID:

1. THERMGUARD/UNIVERSAL FILTRATION INCORPORATED BY LINCOLN AQUATICS:
   A. 1214 XL POOL COVER WITH WEIGHTED EDGE
   B. DOUBLE SHAFTED WINDER (16 FOOT)
   C. 16' DOUBLE WINDER COVER

WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999
Copyright © 2015
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

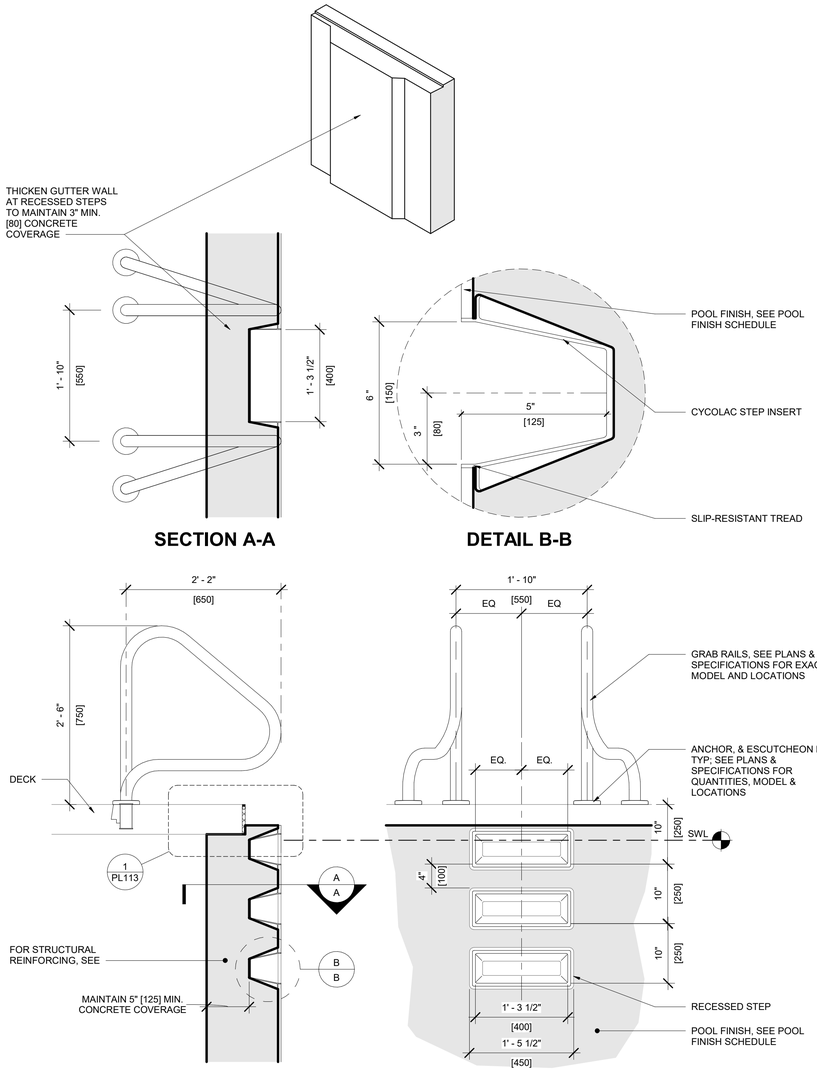
TELLURIDE TOWN PARK OUTDOOR FAMILY RECREATION POOL
TELLURIDE, CO

TELLURIDE PARKS & REC

TOWN OF TELLURIDE

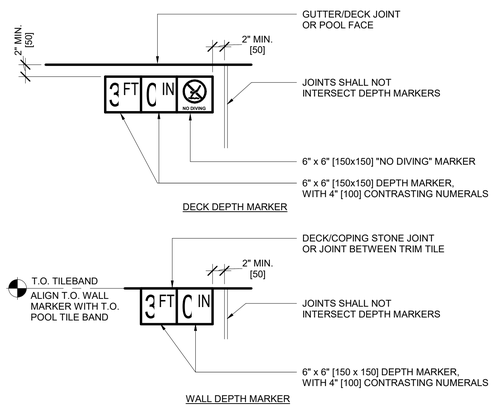
ISSUE DATE: 01 February, 2017
PROJECT NO: 16365
DRAWN BY: BT
CHECKED BY: WRB

PL100
OVERALL AQUATIC PLAN



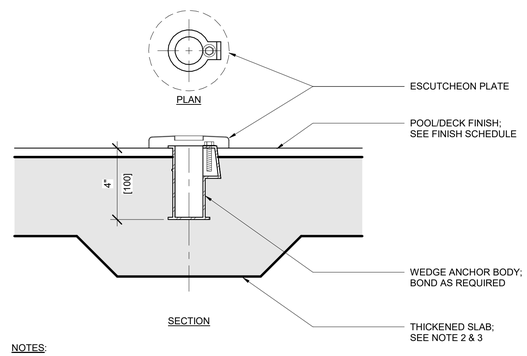
NOTES:
REFER TO PLAN AND SECTIONS DRAWINGS FOR QUANTITY AND LOCATIONS OF INWALL STEPS

4 GRAB RAIL DETAIL - CYCOLAC RECESSED STEP
1" = 1'-0"



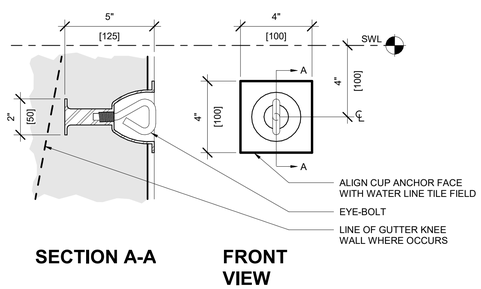
NOTES:
1. ▼ - WALL DEPTH MARKER AT LOCATIONS AS INDICATED ON PLAN BY THIS SYMBOL.
2. EXCLUDE "NO DIVING" MARKER TILES AT POOL WALL DEPTH MARKER LOCATIONS AND AT POOL DEPTHS GREATER THAN 5'-0".
3. DEPTH MARKERS SHALL BE LEGIBLE FROM INSIDE THE POOL AND FROM THE POOL DECK.
4. THE POOL CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING MARKINGS ACCURATE TO WITHIN ONE INCH OF THE CONSTRUCTED WATER DEPTHS AT LOCATIONS INDICATED ON PLAN AT A MAXIMUM 25'-0" SPACING AND IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS.
5. DEPTH MARKER TEXT SHALL INDICATE THE ACTUAL POOL DEPTH WITHIN 3" AT NORMAL OPERATING WATER LEVEL WHEN MEASURED 3'-0" FROM POOL WALL. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING PROPER TEXT FOR EACH MARKER LOCATION.
6. MARKINGS SHALL BE INSTALLED FLUSH WITH SURROUNDING SURFACES AND RECESSED IF NECESSARY.
7. ALL MARKINGS INSTALLED ON HORIZONTAL SURFACES SHALL HAVE A SLIP RESISTANT FINISH.

1 FINISH DETAIL - DEPTH MARKER DECK & WALL
NONE

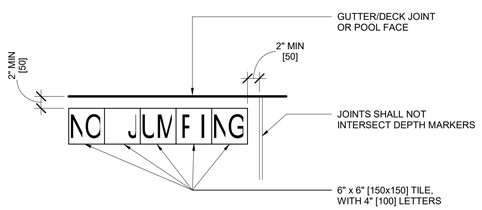


NOTES:
1. INSTALL ANCHORS IN LINE WITH RAIL.
2. CONCRETE CLEAR COVER AT ANCHOR SHALL BE 3" MINIMUM. THICKEN SLAB IF NECESSARY TO ACHIEVE MINIMUM COVER.
3. WHEN SECOND LAYER OF CONCRETE IS LOCATED DIRECTLY BELOW SLAB IN WHICH ANCHOR IS PLACED (I.E. STAIRS), CLEAR COVER OF CONCRETE AT ANCHOR IN UPPER SLAB SHALL BE 2" MINIMUM.

2 ANCHOR DETAIL - WEDGE
3" = 1'-0"

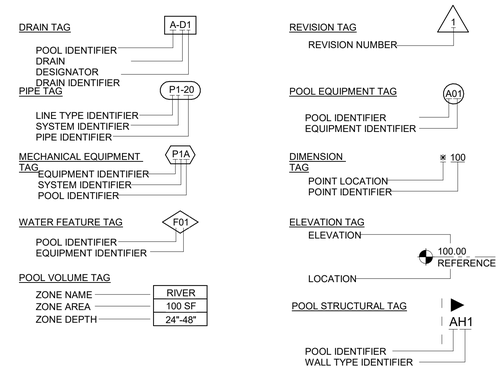


3 ANCHOR DETAIL - ROPE CUP
3" = 1'-0"



5 SPECIAL DECK WARNING TILE
NONE

TAG DESCRIPTIONS



ABBREVIATIONS

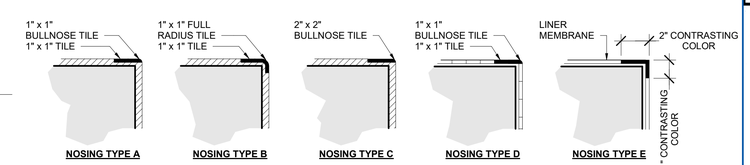
TYP	-	TYPICAL	NPS	-	NOMINAL PIPE SIZE
EJ	-	EXPANSION JOINT	ID	-	INSIDE DIAMETER
CJ	-	CONTROL JOINT	OD	-	OUTSIDE DIAMETER
SWL	-	STATIC WATER LEVEL	MIN	-	MINIMUM
OWE	-	OPERATING WATER ELEVATION	MAX	-	MAXIMUM
FFE	-	FINISH FLOOR ELEVATION	TUBV	-	TRUE UNION BALL VALVE
OC	-	ON CENTER	TUBC	-	TRUE UNION CHECK VALVE
EW	-	EACH WAY	SCH	-	SCHEDULE
DIA	-	DIAMETER	WD	-	WATER DEPTH
SS	-	STAINLESS STEEL	NO	-	NORMALLY OPEN
T.O.	-	TOP OF	NC	-	NORMALLY CLOSED
B.O.	-	BOTTOM OF			

SCHEDULE - FINISH - POOL A

AREA	FINISH	COLOR	NOTES
COMMON WALLS	(none)	C10	
DECK	LB	C10	
DEPTH MARKERS - DECK	SR3	C03	
DEPTH MARKERS - NO DIVING	SR3	C04	
DEPTH MARKERS - WALL	SR3	C03	
HAND HOLD	(none)	C10	
HORIZONTAL SURFACES - SUBMERGED	QA	C01	MATCH EXISTING POOL
JOINT ACCENT / DRAIN GRATE TRIM	SR1	C02	MATCH EXISTING POOL
ROLLBACK	LB	C10	
STAIR AND BENCH NOSING	SR1	C07	MATCH EXISTING POOL
VERTICAL SURFACES - FREEBOARD	KT1	C01	MATCH EXISTING POOL
VERTICAL SURFACES - SUBMERGED	QA	C01	MATCH EXISTING POOL
WATERLINE	KT1	C01	MATCH EXISTING POOL

LEGEND - FINISH & COLOR CODE

FINISHES		COLORS	
FINISH ID	FINISH	COLOR ID	COLOR
AC	ACRYLIC	C01	AS SELECTED BY ARCHITECT
C7	1"x2" KEYSTONE C701 TILE	C02	MATCH TO POOL FINISH
CT1	6"x6" CERAMIC TILE	C03	BLACK ON WHITE
HHP	PVC HANDHOLD	C05	COBALT BLUE
HHS	STEGMEIER HANDHOLD	C05	COBALT BLUE
KT1	1"x1" KEYSTONE TILE	C07	CONTRASTING TO POOL FINISH
KT2	2"x2" KEYSTONE TILE	C08	CONTRASTING TO POOL FINISH (SELECTED BY ARCHITECT)
LB	LIGHT BROOM	C09	WHITE
MD	MYRTHA DEPTH MARKER	C10	LIGHT BROOM FINISH CONCRETE
PM	MYRTHA PVC MEMBRANE	(none)	
QA	QUARTZ AGGREGATE	(none)	
SR1	1"x1" SLIP RESISTANT TILE	(none)	



NOTES:
1. FINISHES PER SCHEDULE UNLESS OTHERWISE INDICATED.
2. ALL HORIZONTAL FINISHES TO BE SLIP-RESISTANT.
3. NOSING TYPE A, B, C, & D - 2" MIN CONTRASTING TILE BAND REQUIRED UNLESS OTHERWISE NOTED.
4. ALL PERIMETER OVERFLOW GUTTER LIP TOLERANCES SHALL BE INSTALLED LEVEL +/-1/16" MAXIMUM ELEVATION TOLERANCES UNLESS OTHERWISE SPECIFIED

SCHEDULE - SAFETY & MAINTENANCE EQUIPMENT

QTY	PRODUCT NAME	MANUFACTURER	NOTES
1	25 PERSON AQUATIC FIRST AID KIT		PROVIDED BY OWNER
1	AUTOMATIC VACUUM CLEANING SYSTEM	AQUAPRODUCTS ULTRAMAX GEMINI	AUTOMATIC CLEANER, RADIO REMOTE CONTROL, ULTRAKART CADDY, DIGITAL TIMER DISPLAY, 120 FT CORD
1	LIFE BUOY	WATER SAFETY PRODUCTS	30" DIA, MADE OF UNICELL SOFT FOAM WITH HARD SHELL COVERING
1	LIFE HOOK & RESCUE POLE		ANODIZED ALUMINUM POLE, WITH DOUBLE LIFE HOOK. 2 - 8 FEET SECTIONS WITH CONNECTOR & RUBBER END CAP
1	MANUAL VACUUM CLEAMING SYSTEM	WILDCAT E.1	24" VACUUM HEAD, 1 HP PUMP WITH 155 SF CARTRIDGE FILTER, 100 FOOT CORD, TELESCOPIC POLE, WALL BRUSH, SKIMMER, 50' 2" BACKWASH HOSE & SPECTRUM SS HOSE CADDY
1	RESCUE TUBE	WATER SAFETY PRODUCTS	50" LONG x 6" WIDE x 4" THICK. NO CLIPS, NO RINGS. 2" WIDE ADJUSTABLE SHOULDER STRAP , CONNECTED TO TUBE BY 1" STRAPPING. STRAPPING EXTENDS COMPLETELY THROUGH LENGTH OF TUBE.
1	SPINEBOARD W/ HEAD RESTRAINT	WATER SAFETY PRODUCTS	CJID00 SPINEBOARD KIT
1	THROW LINE	WATER SAFETY PRODUCTS	60' MARINE POLYPRO LINE, WITH 3" x 5" LEMON FLOAT
1	WATER TEST KIT		PROVIDED BY OWNER

WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999

Copyright © 2015
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

TELLURIDE TOWN PARK OUTDOOR FAMILY RECREATION POOL
TELLURIDE, CO

TELLURIDE PARKS & REC

TOWN OF TELLURIDE

ISSUE DATE: 01 February, 2017
PROJECT NO: 16365
DRAWN BY: BT
CHECKED BY: WB

PL101
GENERAL DETAILS AND SCHEDULES

2010 STANDARDS: TITLES II AND III
AMERICANS WITH DISABILITIES ACT
ADA CHAPTER 2: SCOPING REQUIREMENTS

242 Swimming Pools, Wading Pools, and Spas

242.1 General. Swimming pools, wading pools, and spas shall comply with 242.

242.2 Swimming Pools. At least two accessible means of entry shall be provided for swimming pools. Accessible means of entry shall be swimming pool lifts complying with 1009.2; sloped entries complying with 1009.3; transfer walls complying with 1009.4; transfer systems complying with 1009.5; and pool stairs complying with 1009.6. At least one accessible means of entry provided shall comply with 1009.2 or 1009.3.

EXCEPTIONS:

1. Where a swimming pool has less than 300 linear feet (91 m) of swimming pool wall, no more than one accessible means of entry shall be required provided that the accessible means of entry is a swimming pool lift complying with 1009.2 or sloped entry complying with 1009.3.

2. Wave action pools, leisure rivers, sand bottom pools, and other pools where user access is limited to one area shall not be required to provide more than one accessible means of entry provided that the accessible means of entry is a swimming pool lift complying with 1009.2, a sloped entry complying with 1009.3, or a transfer system complying with 1009.5.

3. Catch pools shall not be required to provide an accessible means of entry provided that the catch pool edge is on an accessible route.

Advisory 242.2 Swimming Pools. Where more than one means of access is provided into the water, it is recommended that the means be different. Providing different means of access will better serve the varying needs of people with disabilities in getting into and out of a swimming pool. It is also recommended that where two or more means of access are provided, they not be provided in the same location in the pool. Different locations will provide increased options for entry and exit, especially in larger pools.

Advisory 242.2 Swimming Pools Exception 1. Pool walls at diving areas and areas along pool walls where there is no pool entry because of landscaping or adjacent structures are to be counted when determining the number of accessible means of entry required.

242.3 Wading Pools. At least one accessible means of entry shall be provided for wading pools. Accessible means of entry shall comply with sloped entries complying with 1009.3.

242.4 Spas. At least one accessible means of entry shall be provided for spas. Accessible means of entry shall comply with swimming pool lifts complying with1009.2; transfer walls complying with 1009.4; or transfer systems complying with 1009.5.

1009 Swimming Pools, Wading Pools, and Spas

1009.1 General. Where provided, pool lifts, sloped entries, transfer walls, transfer systems, and pool stairs shall comply with 1009.

1009.2 Pool Lifts. Pool lifts shall comply with 1009.2.

Advisory 1009.2 Pool Lifts. There are a variety of seats available on pool lifts ranging from sling seats to those that are preformed or molded. Pool lift seats with backs will enable a larger population of persons with disabilities to use the lift. Pool lift seats that consist of materials that resist corrosion and provide a firm base to transfer will be usable by a wider range of people with disabilities. Additional options such as armrests, head rests, seat belts, and leg support will enhance accessibility and better accommodate people with a wide range of disabilities.

1009.2.1 Pool Lift Location. Pool lifts shall be located where the water level does not exceed 48 inches (1220 mm).

EXCEPTIONS:

1. Where the entire pool depth is greater than 48 inches (1220 mm), compliance with 1009.2.1 shall not be required.

2. Where multiple pool lift locations are provided, no more than one pool lift shall be required to be located in an area where the water level is 48 inches (1220 mm) maximum.

1009.2.2 Seat Location. In the raised position, the centerline of the seat shall be located over the deck and 16 inches (405 mm) minimum from the edge of the pool. The deck surface between the centerline of the seat and the pool edge shall have a slope not steeper than 1:48.

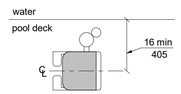


Figure 1009.2.2 Pool Lift Seat Location

1009.2.3 Clear Deck Space. On the side of the seat opposite the water, a clear deck space shall be provided parallel with the seat. The space shall be 36 inches (915 mm) wide minimum and shall extend forward 48 inches (1220 mm) minimum from a line located 12 inches (305 mm) behind the rear edge of the seat. The clear deck space shall have a slope not steeper than 1:48.

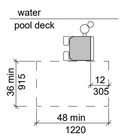


Figure 1009.2.3 Clear Deck Space at Pool Lifts

1009.2.4 Seat Height. The height of the lift seat shall be designed to allow a stop at 16 inches (405 mm) minimum to 19 inches (485 mm) maximum measured from the deck to the top of the seat surface when in the raised (load) position.

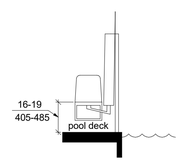


Figure 1009.2.4 Pool Lift Seat Height

1009.2.5 Seat Width. The seat shall be 16 inches (405 mm) wide minimum.

1009.2.6 Footrests and Armrests. Footrests shall be provided and shall move with the seat. If provided, the armrest positioned opposite the water shall be removable or shall fold clear of the seat when the seat is in the raised (load) position.

EXCEPTION: Footrests shall not be required on pool lifts provided in spas.

1009.2.7 Operation. The lift shall be capable of unassisted operation from both the deck and water levels. Controls and operating mechanisms shall be unobstructed when the lift is in use and shall comply with 309.4.

Advisory 1009.2.7 Operation. Pool lifts must be capable of unassisted operation from both the deck and waterlevels. This will permit a person to call the pool lift when the pool lift is in the opposite position. It is extremely important for a person who is swimming alone to be able to call the pool lift when it is in the up position so he or she will not be stranded in the water for extended periods of time awaiting assistance. The requirement for a pool lift to be independently operable does not preclude assistance from being provided.

1009.2.8 Submerged Depth. The lift shall be designed so that the seat will submerge to a water depth of 18 inches (455 mm) minimum below the stationary water level.

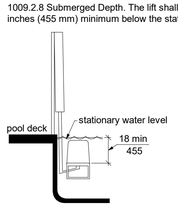


Figure 1009.2.8 Pool Lift Submerged Depth

1009.2.9 Lifting Capacity. Single person pool lifts shall have a weight capacity of 300 pounds. (136 kg) minimum and be capable of sustaining a static load of at least one and a half times the rated load.

Advisory 1009.2.9 Lifting Capacity. Single person pool lifts must be capable of supporting a minimum weight of 300 pounds (136 kg) and sustaining a static load of at least one and a half times the rated load. Pool lifts should be provided that meet the needs of the population they serve. Providing a pool lift with a weight capacity greater than 300 pounds (136 kg) may be advisable.

1009.3 Sloped Entries. Sloped entries shall comply with 1009.3.

Advisory 1009.3 Sloped Entries. Personal wheelchairs and mobility devices may not be appropriate for submerging in water. Some may have batteries, motors, and electrical systems that when submerged in water may cause damage to the personal mobility device or wheelchair or may contaminate the pool water. Providing an aquatic wheelchair made of non-corrosive materials and designed for access into the water will protect the water from contamination and avoid damage to personal wheelchairs or other mobility aids.

1009.3.1 Sloped Entries. Sloped entries shall comply with Chapter 4 except as modified in 1109.3.1 through 1109.3.3.

EXCEPTION: Where sloped entries are provided, the surfaces shall not be required to be slip resistant.

1009.3.2 Submerged Depth. Sloped entries shall extend to a depth of 24 inches (610 mm) minimum and 30 inches (760 mm) maximum below the stationary water level. Where landings are required by 405.7, at least one landing shall be located 24 inches (610 mm) minimum and 30 inches (760 mm) maximum below the stationary water level.

EXCEPTION: In wading pools, the sloped entry and landings, if provided, shall extend to the deepest part of the wading pool.

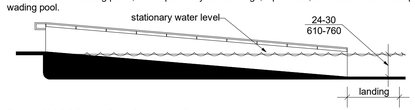


Figure 1009.3.2 Sloped Entry Submerged Depth

1009.3.3 Handrails. At least two handrails complying with 505 shall be provided on the sloped entry. The clear width between required handrails shall be 33 inches (840 mm) minimum and 38 inches (965 mm) maximum.

EXCEPTIONS:

1. Handrail extensions specified by 505.10.1 shall not be required at the bottom landing serving a sloped entry.

2. Where a sloped entry is provided for wave action pools, leisure rivers, sand bottom pools, and other pools where user access is limited to one area, the handrails shall not be required to comply with the clear width requirements of 1009.3.3.

3. Sloped entries in wading pools shall not be required to provide handrails complying with 1009.3.3. If provided, handrails on sloped entries in wading pools shall not be required to comply with 505.

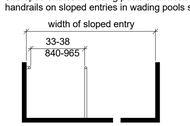


Figure 1009.3.3 Handrails for Sloped Entry

1009.4 Transfer Walls. Transfer walls shall comply with 1009.4.

1009.4.1 Clear Deck Space. A clear deck space of 60 inches (1525 mm) minimum by 60 inches (1525 mm) minimum with a slope not steeper than 1:48 shall be provided at the base of the transfer wall. Where one grab bar is provided, the clear deck space shall be centered on the grab bar. Where two grab bars are provided, the clear deck space shall be centered on the clearance between the grab bars.

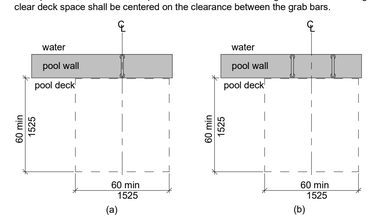


Figure 1009.4.1 Clear Deck Space at Transfer Walls

1009.4.2 Height. The height of the transfer wall shall be 16 inches (405 mm) minimum and 19 inches (485 mm) maximum measured from the deck.

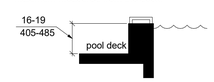


Figure 1009.4.2 Transfer Wall Height

1009.4.3 Wall Depth and Length. The depth of the transfer wall shall be 12 inches (305 mm) minimum and 16 inches (405 mm) maximum. The length of the transfer wall shall be 60 inches (1525 mm) minimum and shall be centered on the clear deck space.

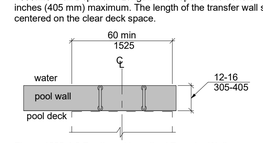


Figure 1009.4.3 Depth and Length of Transfer Walls

1009.4.4 Surface. Surfaces of transfer walls shall not be sharp and shall have rounded edges.

1009.4.5 Grab Bars. At least one grab bar complying with 609 shall be provided on the transfer wall. Grab bars shall be perpendicular to the pool wall and shall extend the full depth of the transfer wall. The top of the gripping surface shall be 4 inches (100 mm) minimum and 6 inches (150 mm) maximum above transfer walls. Where one grab bar is provided, clearance shall be 24 inches (610 mm) minimum on both sides of the grab bar. Where two grab bars are provided, clearance between grab bars shall be 24 inches (610 mm) minimum.

EXCEPTION: Grab bars on transfer walls shall not be required to comply with 609.4.

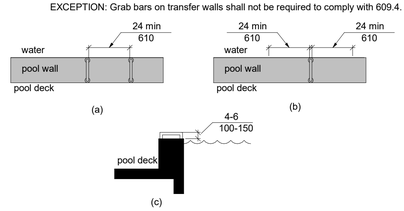


Figure 1009.4.5 Grab Bars for Transfer Walls

1009.5 Transfer Systems. Transfer systems shall comply with 1009.5.

1009.5.1 Transfer Platform. A transfer platform shall be provided at the head of each transfer system. Transfer platforms shall provide 19 inches (485 mm) minimum clear depth and 24 inches (610 mm) minimum clear width.

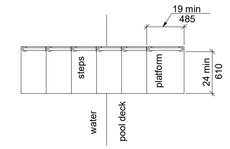


Figure 1009.5.1 Size of Transfer Platform

1009.5.2 Transfer Space. A transfer space of 60 inches (1525 mm) minimum by 60 inches (1525 mm) minimum with a slope not steeper than 1:48 shall be provided at the base of the transfer platform surface and shall be centered along a 24 inch (610 mm) minimum side of the transfer platform. The side of the transfer platform serving the transfer space shall be unobstructed.

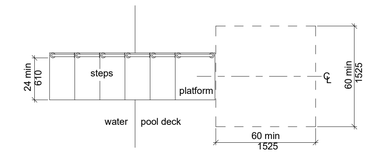


Figure 1009.5.2 Clear Deck Space at Transfer Platform

1009.5.3 Height. The height of the transfer platform shall comply with 1009.4.2.

1009.5.4 Transfer Steps. Transfer step height shall be 8 inches (205 mm) maximum. The surface of the bottom tread shall extend to a water depth of 18 inches (455 mm) minimum below the stationary water level.

Advisory 1009.5.4 Transfer Steps. Where possible, the height of the transfer step should be minimized to decrease the distance an individual is required to lift up or move down to reach the next step to gain access.

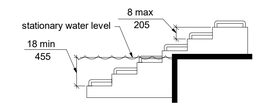


Figure 1009.5.4 Transfer Steps

1009.5.5 Surface. The surface of the transfer system shall not be sharp and shall have rounded edges.

1009.5.6 Size. Each transfer step shall have a tread clear depth of 14 inches (355 mm) minimum and 17 inches (430 mm) maximum and shall have a tread clear width of 24 inches (610 mm) minimum.

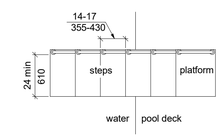


Figure 1009.5.6 Size of Transfer Steps

1009.5.7 Grab Bars. At least one grab bar on each transfer step and the transfer platform or a continuous grab bar serving each transfer step and the transfer platform shall be provided. Where a grab bar is provided on each step, the tops of gripping surfaces shall be 4 inches (100 mm) minimum and 6 inches (150 mm) maximum above each step and transfer platform. Where a continuous grab bar is provided, the top of the gripping surface shall be 4 inches (100 mm) minimum and 6 inches (150 mm) maximum above the step nosing and transfer platform. Grab bars shall comply with 609 and be located on at least one side of the transfer system. The grab bar located at the transfer platform shall not obstruct transfer.

EXCEPTION: Grab bars on transfer systems shall not be required to comply with 609.4.

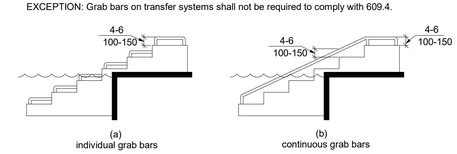


Figure 1009.5.7 Grab Bars

1009.6 Pool Stairs. Pool stairs shall comply with 1009.6.

1009.6.1 Pool Stairs. Pool stairs shall comply with 504.

EXCEPTION: Pool step riser heights shall not be required to be 4 inches (100 mm) high minimum and 7 inches (180 mm) high maximum provided that riser heights are uniform.

1009.6.2 Handrails. The width between handrails shall be 20 inches (510 mm) minimum and 24 inches (610 mm) maximum. Handrail extensions required by 505.10.3 shall not be required on pool stairs.

WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999

Copyright © 2015
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

TELLURIDE TOWN PARK
OUTDOOR FAMILY
RECREATION POOL
TELLURIDE, CO

TELLURIDE PARKS & REC

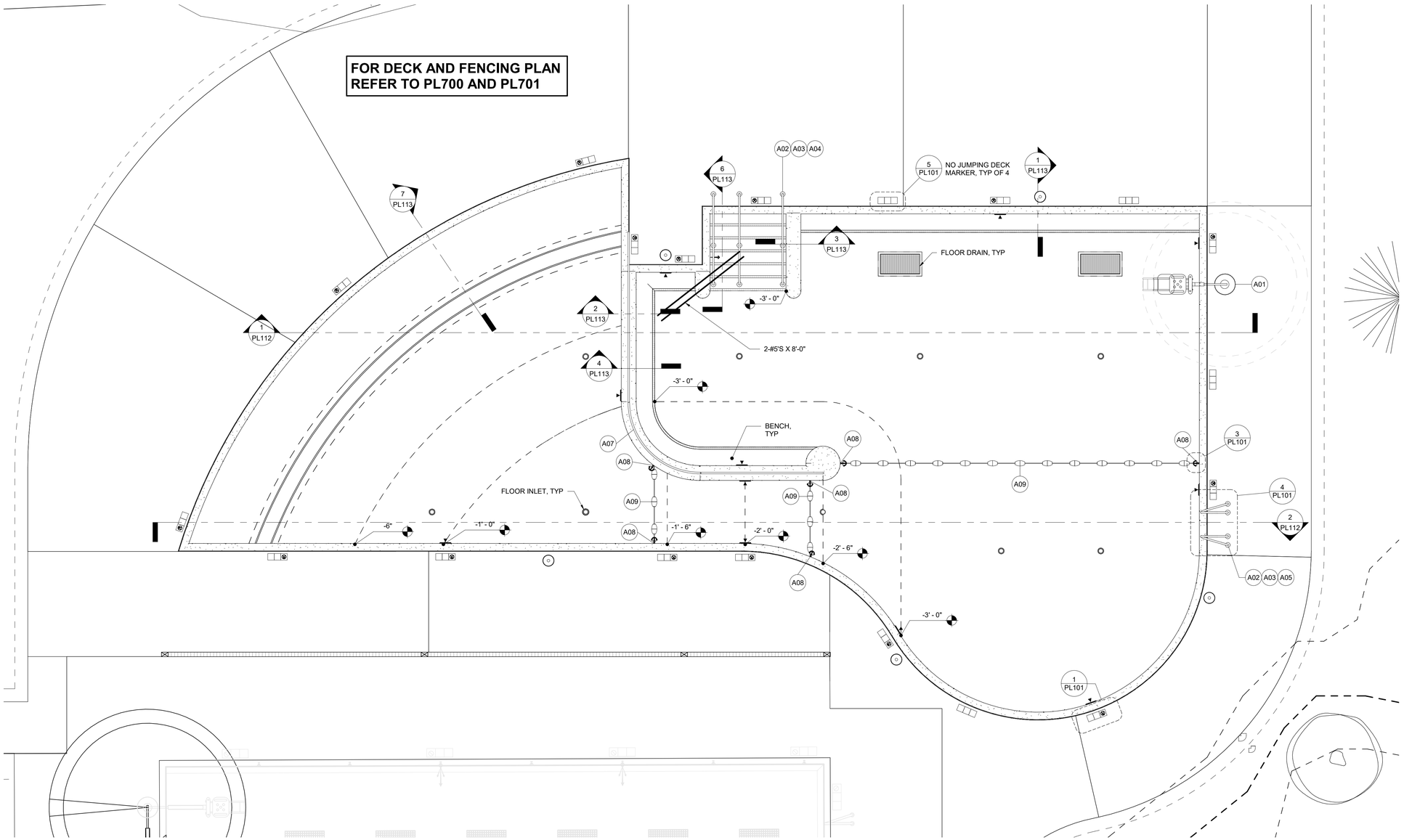
TOWN OF TELLURIDE

ISSUE DATE: 01 February, 2017
PROJECT NO: 16365
DRAWN BY: BT
CHECKED BY: WB

PL103
ADA DETAILS

SCHEDULE - BASIS OF DESIGN - POOL A

POOL ID	EQUIPMENT ID	EQUIPMENT	QTY	MANUFACTURER	DESCRIPTION
A	01	POOL LIFT	1	AQUA CREEK	PROVIDE IDENTICAL POOL LIFT THAT IS INSTALLED ON THE LAP POOL. BATTERY OPERATED WITH THE SAME BATTERY, ALSO PROVIDE WITH WEATHER COVER.
A	02	WEDGE ANCHOR	13	SPECTRUM AQUATICS	CAST BRONZE, 4-1/4" LONG, ACCEPTS 1.500" OD TUBING
A	03	ESCUTCHEON PLATE	13	SPECTRUM AQUATICS	STAINLESS STEEL ROUND ESCUTCHEON FOR 1.50" O.D. RAILS
A	04	HANDRAILS	3	PARAGON AQUATICS, SPECTRUM AQUATICS, SR SMITH OR EQUAL	CUSTOM FABRICATED, 1.500" OD x .109 WALL, 316L SS
A	05	GRAB RAILS (PAIRS)	1	PARAGON AQUATICS, SPECTRUM AQUATICS, SR SMITH OR EQUAL	CALIFORNIA STYLE, 316L SS, 1.50" OD x .120 WALL THICKNESS, 500 GRIT FINISH MIN.
A	06	IN-WALL STEPS	2	PARAGON AQUATICS, SPECTRUM AQUATICS, SR SMITH OR EQUAL	17-1/2" x 6", INJECTION MOLDED PLASTIC, PEBBLE TEXTURE, 1/4" WALL THICKNESS
A	07	SAFETY RAIL	1	PARAGON AQUATICS, SPECTRUM AQUATICS, SR SMITH OR EQUAL	CUSTOM FABRICATED, 316L SS, 1.50" OD x .120 WALL THICKNESS, 500 GRIT FINISH MIN.
A	08	CUP ANCHOR	6	PARAGON AQUATICS, SPECTRUM AQUATICS, SR SMITH OR EQUAL	4" SQUARE 304L SS ANCHOR AND 304L SS EYE BOLT
A	09	SAFETY ROPE	3	PARAGON AQUATICS	3/4" POLYETHYLENE ROPE WITH 5" X 9" HANDI-LOCK FLOAT, VERIFY LENGTH WITH PLANS



1 POOL A - LEISURE POOL PLAN
1/4" = 1'-0"

WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999

Copyright © 2015
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

TELLURIDE TOWN PARK OUTDOOR FAMILY RECREATION POOL
TELLURIDE, CO

TELLURIDE PARKS & REC

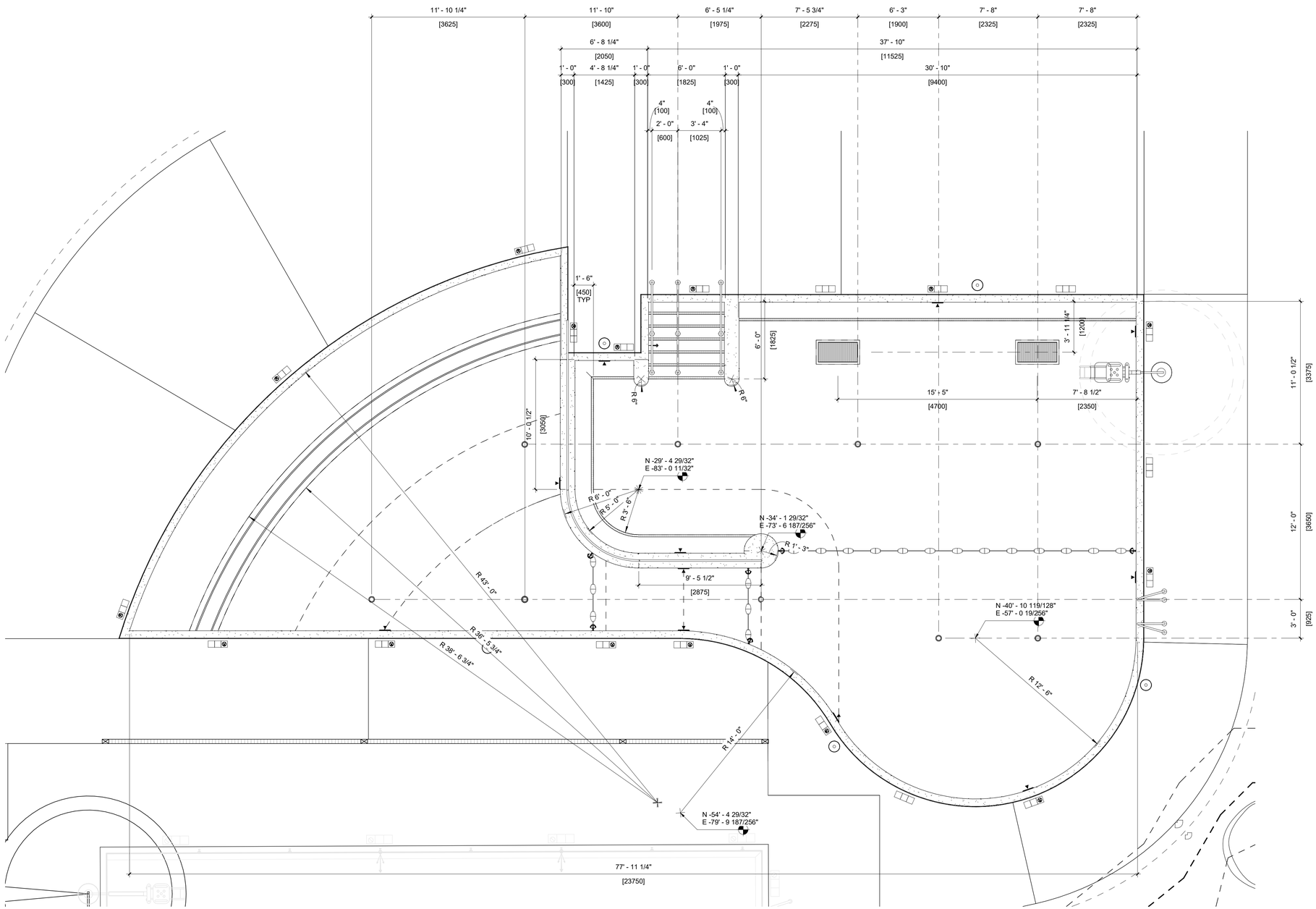
TOWN OF TELLURIDE

ISSUE DATE: 01 February, 2017
PROJECT NO: 16365
DRAWN BY: BT
CHECKED BY: WB

PL110
POOL A - LEISURE POOL PLAN

DIMENSIONING NOTES:

1. ALL DIMENSIONS ARE SHOWN FROM POOL FINISH TO POOL FINISH (THIS SHEET)



1 POOL A - LEISURE POOL DIMENSION PLAN
1/4" = 1'-0"

WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999

Copyright © 2015
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

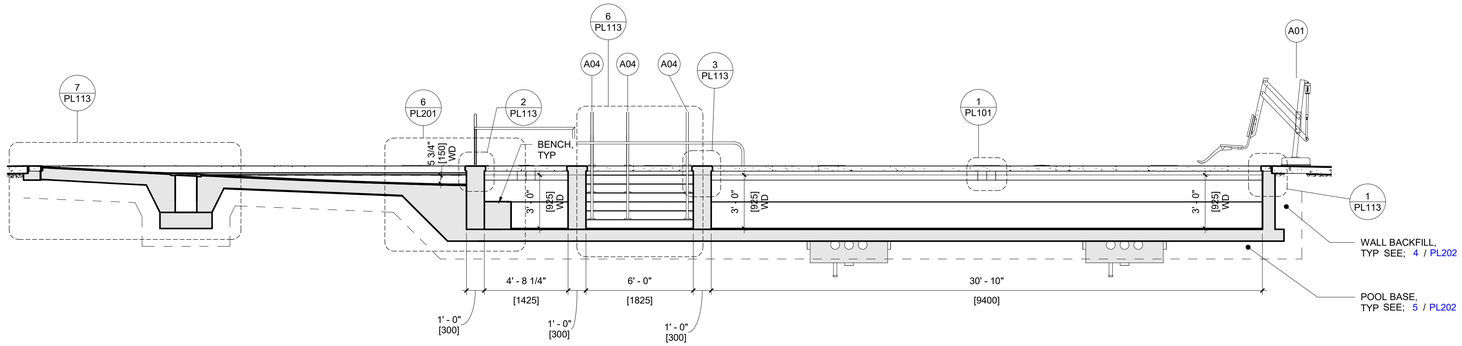
TELLURIDE TOWN PARK OUTDOOR FAMILY RECREATION POOL
TELLURIDE, CO

TELLURIDE PARKS & REC

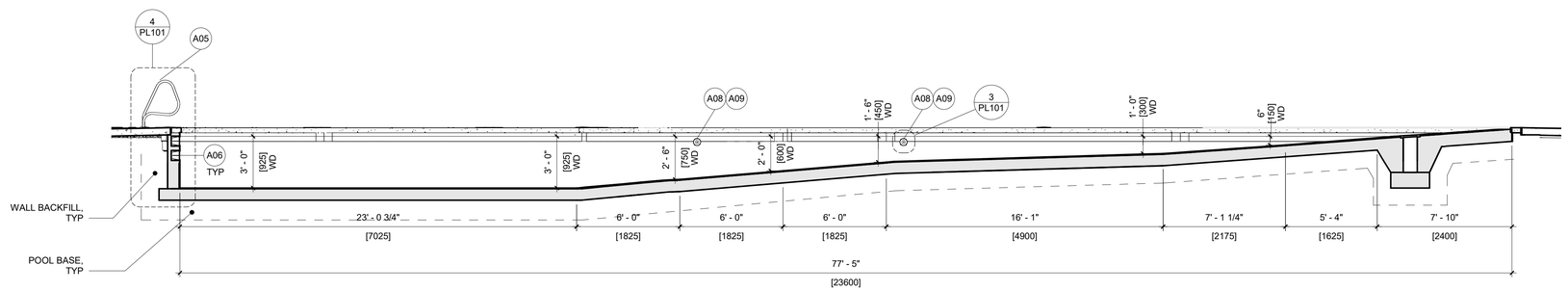
TOWN OF TELLURIDE

ISSUE DATE: 01 February, 2017
PROJECT NO: 16365
DRAWN BY: BT
CHECKED BY: WB

PL111
POOL A - LEISURE POOL DIMENSION PLAN



1 POOL A - LEISURE POOL SECTION
1/4" = 1'-0"



2 POOL A - LEISURE POOL SECTION
1/4" = 1'-0"

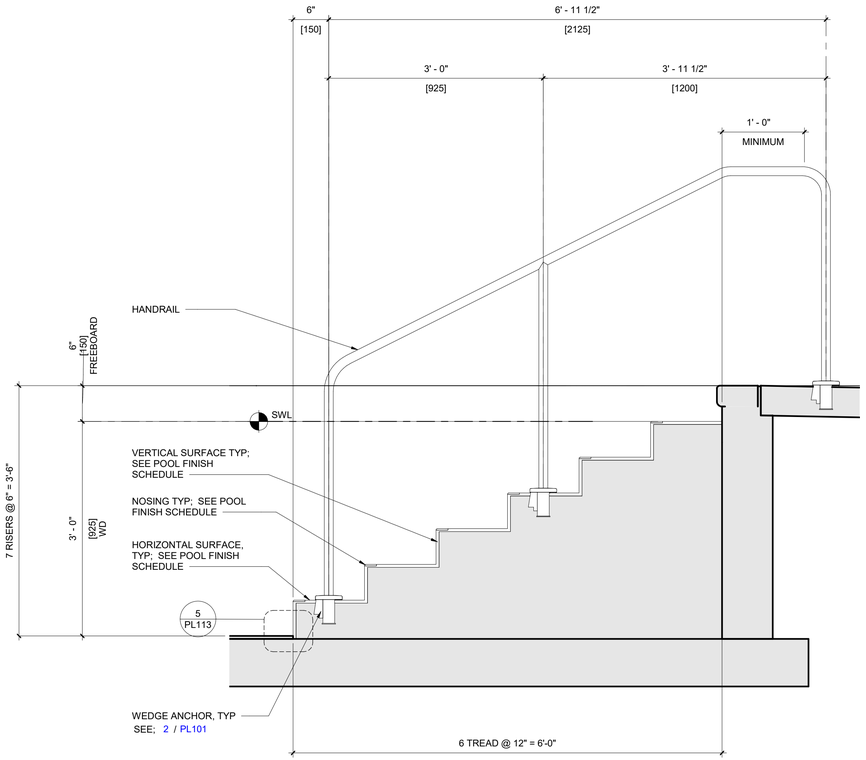
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999
Copyright © 2015

This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

TELLURIDE TOWN PARK OUTDOOR FAMILY RECREATION POOL
TELLURIDE, CO

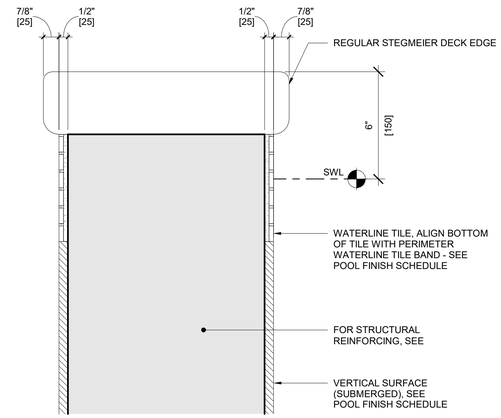
ISSUE DATE:	01 February, 2017
PROJECT NO:	16365
DRAWN BY:	BT
CHECKED BY:	WB

PL112
POOL A - LEISURE POOL SECTIONS

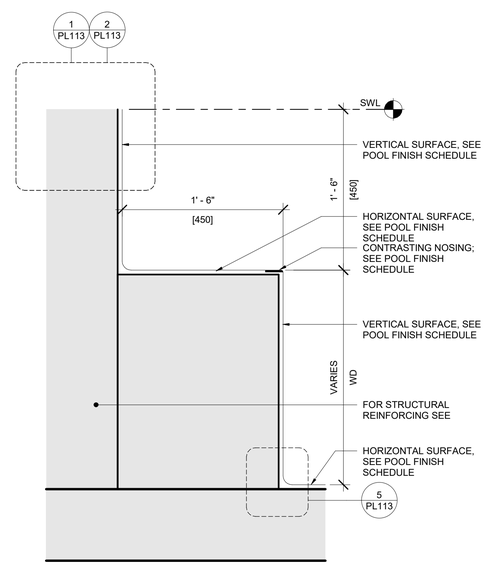


NOTES:
1. CONTRACTOR TO PURCHASE AND INSTALL RAIL GOODS IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS OF PARTIES HAVING JURISDICTION.
2. CONTRACTOR TO VERIFY HANDRAIL DIMENSIONS PRIOR TO FABRICATION.

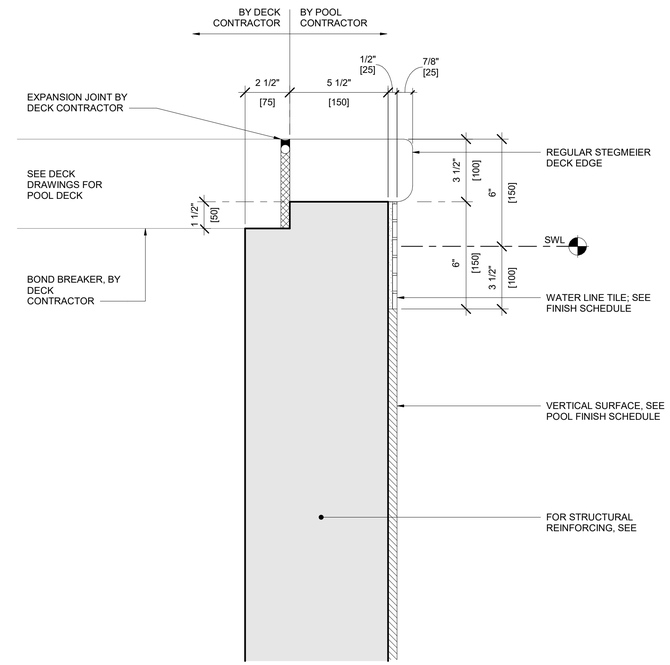
6 POOL A - LEISURE POOL SECTION @ STAIRS
1" = 1'-0"



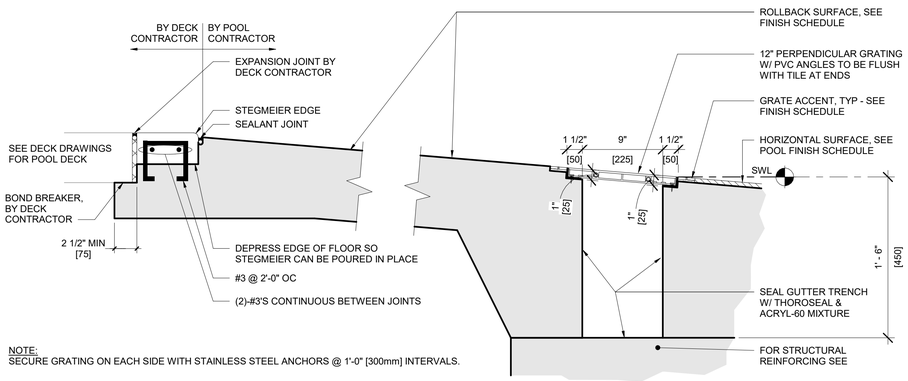
3 POOL WALL DETAIL - FORMED EDGE
3" = 1'-0"



4 POOL WALL DETAIL - BENCH
1 1/2" = 1'-0"

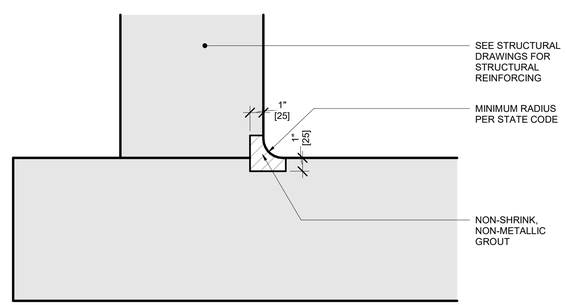


1 POOL WALL DETAIL - FORMED EDGE
3" = 1'-0"

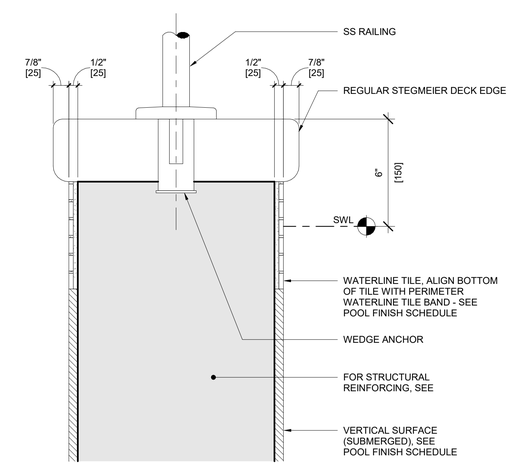


NOTE:
SECURE GRATING ON EACH SIDE WITH STAINLESS STEEL ANCHORS @ 1'-0" [300mm] INTERVALS.

7 ROLLBACK DETAIL
1 1/2" = 1'-0"



5 FINISH DETAIL - FLOOR TO WALL COVE
3" = 1'-0"



2 POOL WALL DETAIL - FORMED EDGE
3" = 1'-0"

WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999
Copyright © 2015
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

TELLURIDE TOWN PARK OUTDOOR FAMILY RECREATION POOL
TELLURIDE, CO

TELLURIDE PARKS & REC

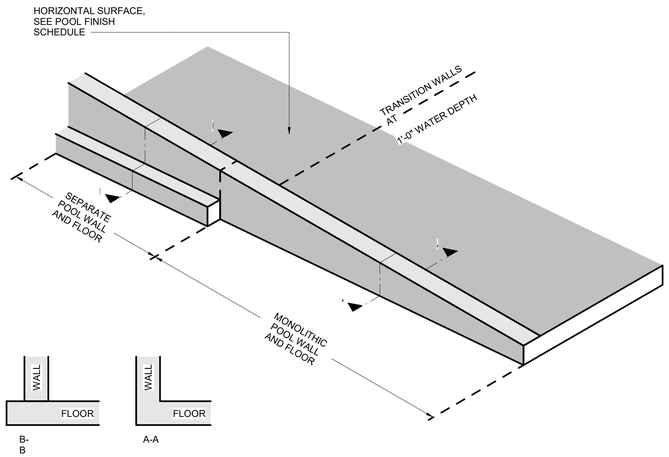
TOWN OF TELLURIDE

ISSUE DATE: 01 February, 2017
PROJECT NO: 16365
DRAWN BY: BT
CHECKED BY: WB

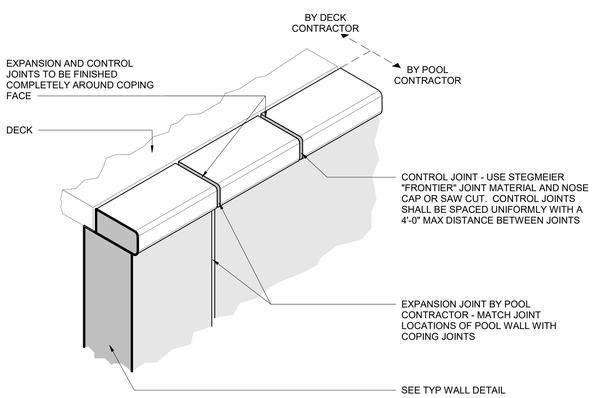
PL113
POOL A - LEISURE POOL DETAILS

SCHEDULE - STRUCTURAL REQUIREMENTS

	WALL HEIGHT RANGE			WALL						FLOOR				
Pool ID	Wall height range ID	Minimum wall height	Maximum wall height	A Thickness	# of reinforcement layers	Horizontal reinforcement	Vertical reinforcement	B Freeboard height	C Backfill thickness	D Thickness	# of reinforcement layers	Reinforcement	E Bedding course thickness	F Heel
A	H01	0'-0"	3'-6"	8"	1	#4'S @ 8" OC	#4'S @ 8" OC	6"	12"	8"	1	#5'S @ 10" OC	12"	6"
A	H02	3'-0"	3'-6"	11"	2	#4'S @ 8" OC EF	#4'S @ 8" OC EF	6"	NA	8"	1	#5'S @ 10" OC	12"	NA



2 11 18-REINFORCING - TRANSITION - MONOLITHIC POUR
1/2" = 1'-0"



3 CONTROL & EXPANSION JOINT DETAIL - FORMED POOL EDGE
1" = 1'-0"

SCHEDULE ABBREVIATIONS:

OC ON CENTER
EF EACH FACE
OF OUTSIDE FACE
IF INSIDE FACE
EW EACH WAY

SOIL PARAMETERS FOR POOL STRUCTURAL DESIGN

1. POOL DESIGNED FOR THE DRAINED CONDITION
2. ALL SOIL PARAMETERS FOR THE POOL STRUCTURAL DESIGN ARE BASED UPON RECOMMENDATIONS FROM THE GEOTECHNICAL REPORT BY **BUCKHORN GEOTECH**, DATED **MARCH 6, 2014**. POOL SUBGRADE AND SOIL PREPARATION SHALL BE EXECUTED IN ACCORDANCE WITH THE RECOMMENDATIONS OUTLINED IN THE GEOTECHNICAL REPORT.

- STATED NET ALLOWABLE SOIL BEARING CAPACITY = **2500** PSF
- STATED EQUIVALENT FLUID PRESSURE = **54** PSF/FT
- GROUNDWATER LOCATED BELOW THE BOTTOM OF THE POOL SLAB.

REINFORCEMENT CLASS "B" LAP LENGTHS
DESIGN STRENGTH: CONCRETE 4000 PSI / SHOTCRETE / 5000 PSI

BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11	
GR-60 TOP BAR	[482]	1'-7" [634]	2'-1" [787]	2'-7" [940]	3'-1" [1372]	4'-6" [1575]	5'-2" [1777]	5'-10" [2006]	6'-7" [2210]	7'-3"
GR-60 OTHER BAR	1'-3" [381]	1'-7" [483]	2'-0" [610]	2'-5" [736]	3'-6" [1067]	4'-0" [1211]	4'-6" [1372]	5'-1" [1549]	5'-7" [1701]	

STANDARD HOOK DIMENSION

BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11
HOOK LENGTH	7" [178]	9" [229]	1'-0" [305]	1'-2" [356]	1'-4" [406]	1'-6" [457]	1'-11" [587]	2'-2" [661]	2'-5" [736]

STRUCTURAL NOTES

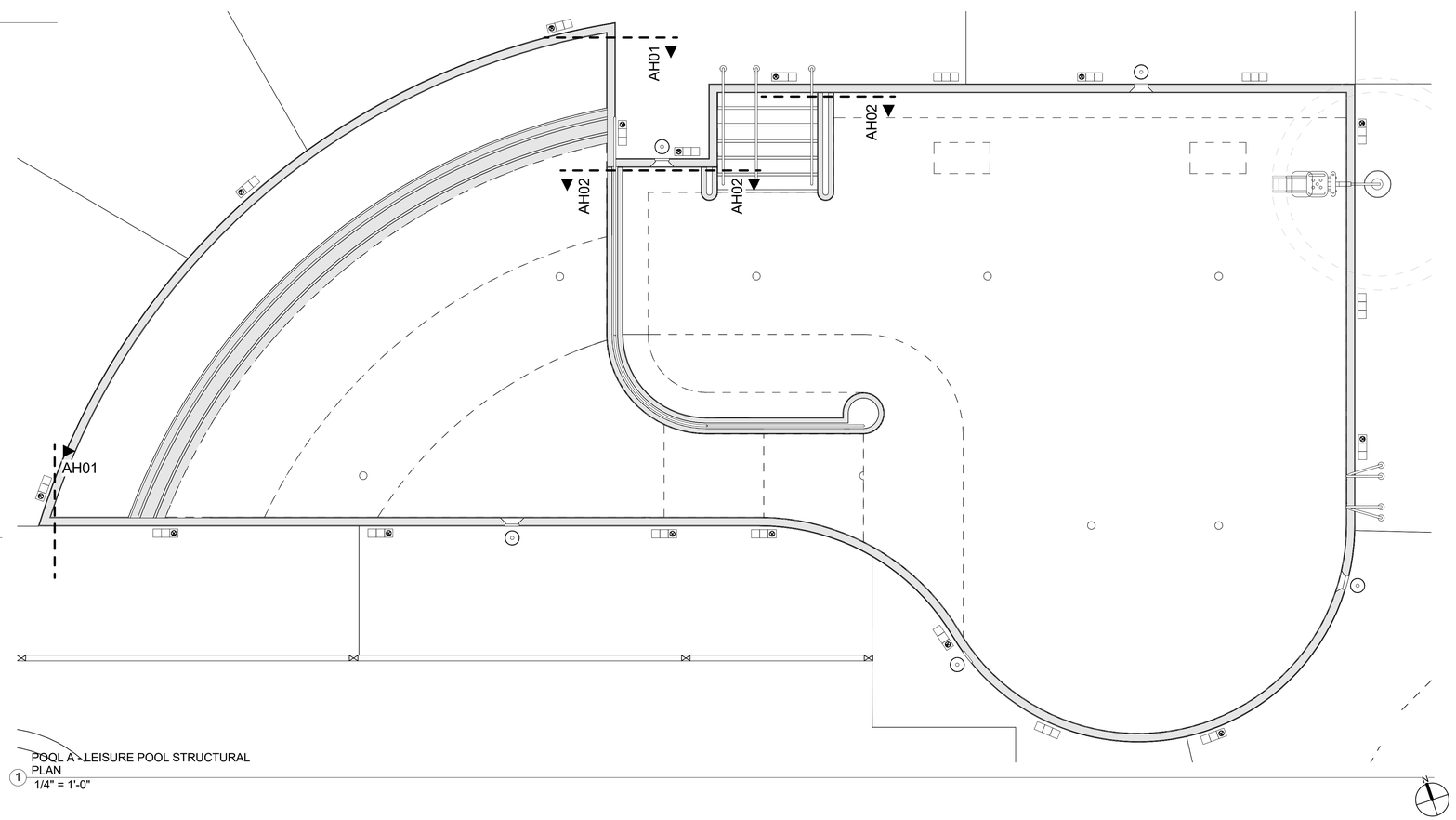
1. REFER TO WALL CORNER AND WALL INTERSECTION REINFORCING DETAIL IN GENERAL, THE WALL CORNER REINFORCING SIZES AND SPACING SHALL BE CALLED OUT ON THE PLANS AND REFERENCED TO THESE DETAILS AND THE TYP HORIZONTAL WALL REINFORCING SHALL LAP WITH CORNER AND INTERSECTION REINFORCING.
2. UNLESS OTHERWISE INDICATED, ALL WALL REINFORCEMENT BARS SHALL BE CONTINUOUS AROUND CORNERS. REINFORCEMENT SHALL BE EXTENDED INTO CONNECTING WALLS. UNLESS OTHERWISE INDICATED, CONTRACTOR MAY SPLICE CONTINUOUS SLAB BARS AT LOCATIONS OF THERE CHOOSING, EXCEPT THAT TOP BAR SPLICES SHALL BE LOCATED AT MID-SPAN AND BOTTOM BAR SPLICES SHALL BE LOCATED AT SUPPORTS. ALL REINFORCEMENT BENDS AND LAPS, UNLESS OTHERWISE INDICATED, SHALL SATISFY THE MINIMUM REQUIREMENTS IN LAP SCHEDULE.
3. FOR REINFORCEMENT AT WALL OR FLOOR SLAB PENETRATIONS, SEE:

REINFORCEMENT NOTES

1. REINFORCEMENT SHALL BE DETAILED IN ACCORDANCE WITH ACI DETAILING MANUAL SP-66
2. ALL LAPS SHALL BE CLASS "B" PER ACI 318 UNLESS OTHERWISE NOTES ON THE DESIGN DRAWINGS OR UNLESS THE DETAILER TAKES SPECIAL CARE TO PROVIDE STAGGERED LAPS. USE TOP BAR LAP LENGTHS FOR ALL HORIZONTAL WALL BARS AND FOR TOP BARS IN SLABS AND BEAMS OVER 14" DEEP
3. LAP LENGTH SHALL BE SPECIFICALLY NOTED ON PLACING DRAWINGS WHERE MORE THAN ONE BAR MAKES UP A CONTINUOUS STRING

MILD REINFORCING STEEL MINIMUM CLEAR COVER REQUIREMENTS
COORDINATE WITH REINFORMENT STEEL PLACING REQUIREMENTS

CONCRETE CAST AGAINST EARTH AND PERMANENTLY EXPOSED TO EARTH:	3"
CONCRETE EXPOSE TO EARTH OR WEATHER UP THRU #5 BARS:	1 1/2"
CONCRETE EXPOSE TO EARTH OR WEATHER #6 THRU #18 BARS:	2"



1 POOL A - LEISURE POOL STRUCTURAL PLAN
1/4" = 1'-0"

WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999

Copyright © 2015
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

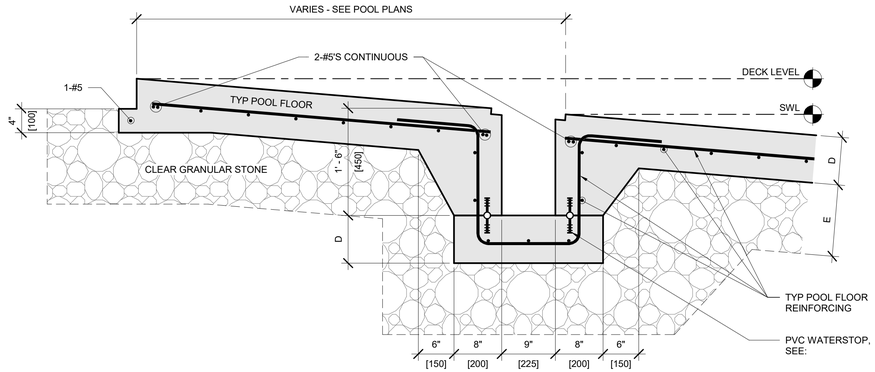
TELLURIDE TOWN PARK
OUTDOOR FAMILY
RECREATION POOL
TELLURIDE, CO

TELLURIDE PARKS & REC

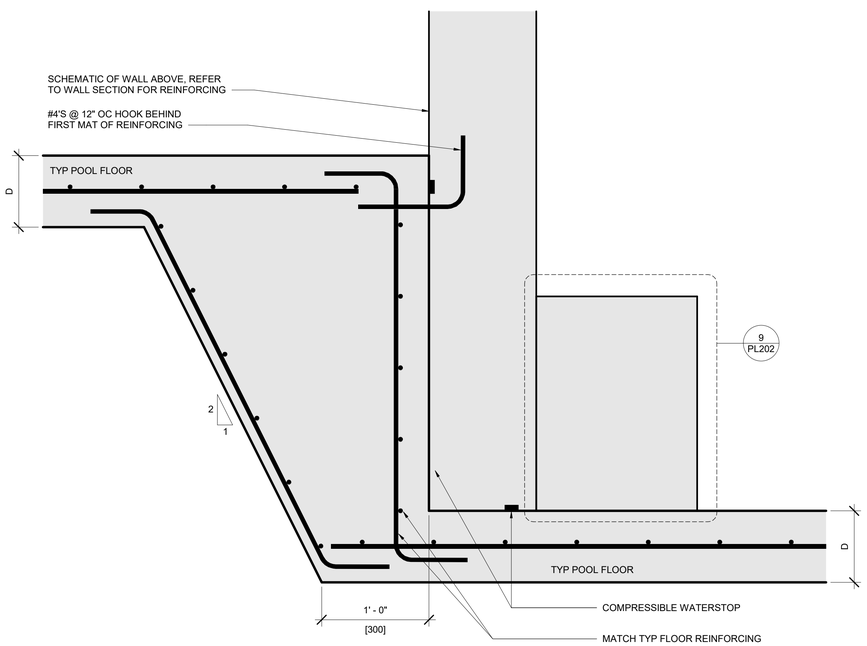
TOWN OF TELLURIDE

ISSUE DATE: 01 February, 2017
PROJECT NO: 16365
DRAWN BY: BT
CHECKED BY: WB

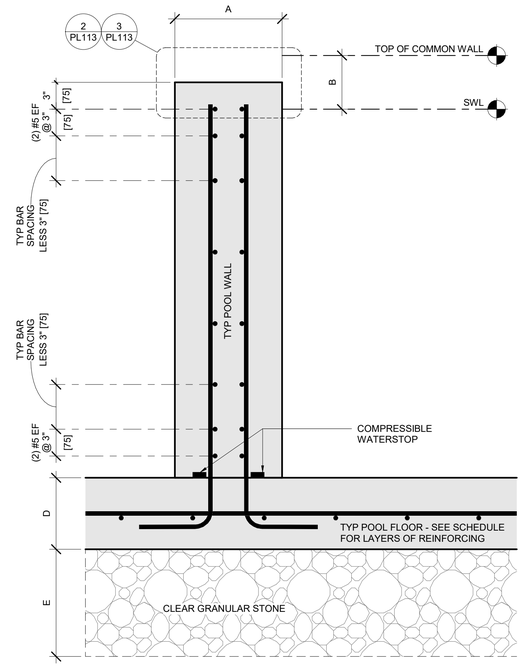
PL200
STRUCTURAL



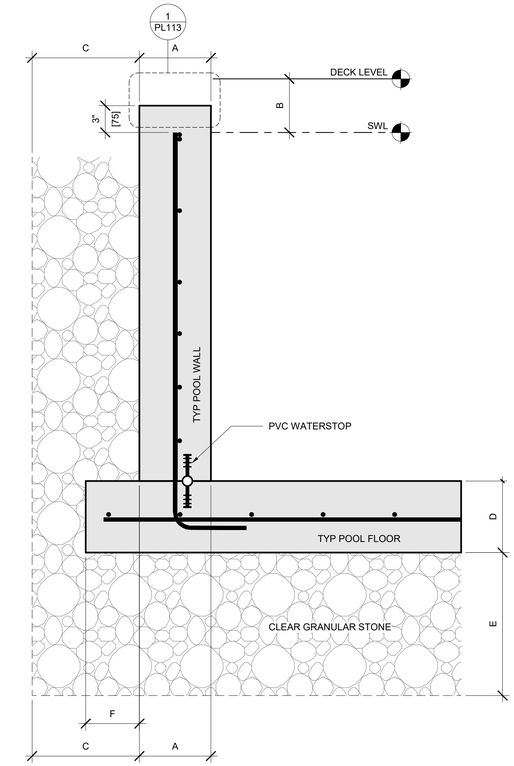
5 REINFORCING DETAIL - ROLLBACK
1" = 1'-0"



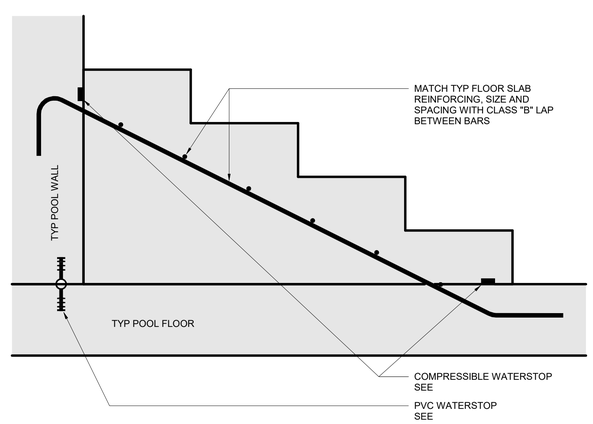
6 REINFORCING DETAIL - SLAB DEPTH TRANSITION
1 1/2" = 1'-0"



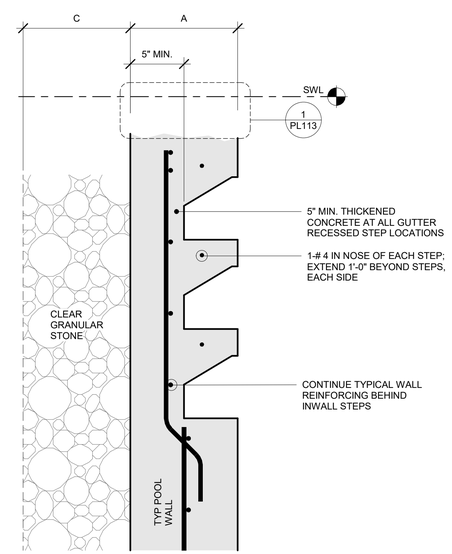
3 REINFORCING DETAIL - TYPICAL COMMON WALL
1 1/2" = 1'-0"



1 REINFORCING DETAIL - TYPICAL SKIMMER WALL SECTION
1 1/2" = 1'-0"



4 REINFORCING DETAIL - STAIR
1 1/2" = 1'-0"



2 REINFORCING DETAIL -RECESSED STEP - SKIMMER WALL SECTION
1 1/2" = 1'-0"

WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999
Copyright © 2015
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

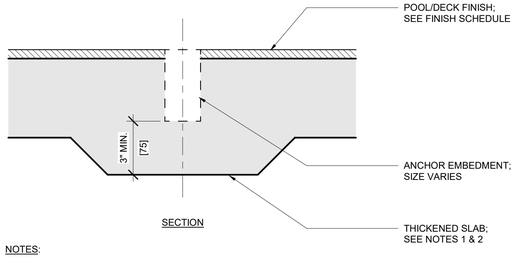
TELLURIDE TOWN PARK OUTDOOR FAMILY RECREATION POOL
TELLURIDE, CO

TELLURIDE PARKS & REC

TOWN OF TELLURIDE

ISSUE DATE: 01 February, 2017
PROJECT NO: 16365
DRAWN BY: BT
CHECKED BY: WB

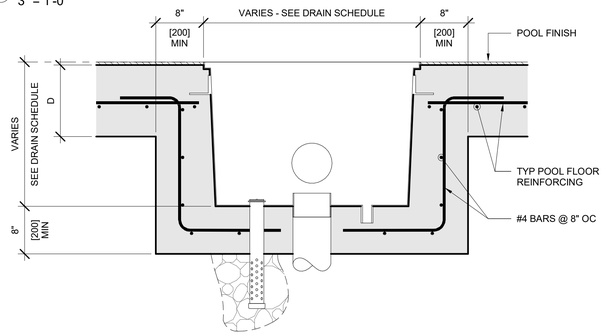
PL201
STRUCTURAL



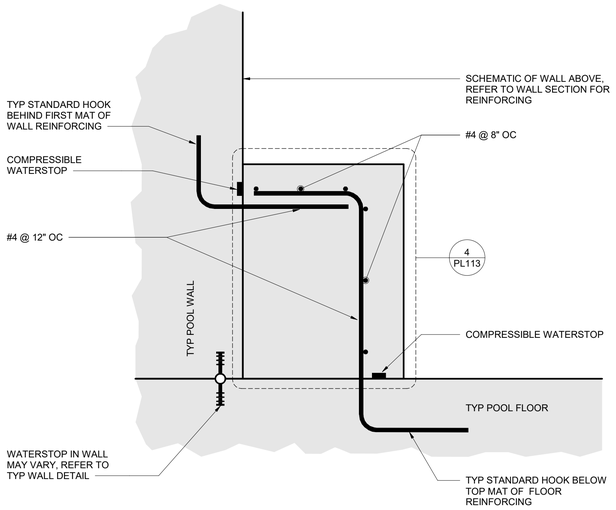
NOTES:

1. CONCRETE CLEAR COVER AT ALL ANCHOR EMBEDMENTS SHALL BE 3" MINIMUM. THICKEN SLAB IF NECESSARY TO ACHIEVE MINIMUM COVER.
2. WHEN SECOND LAYER OF CONCRETE IS LOCATED DIRECTLY BELOW SLAB IN WHICH ANCHOR IS PLACED (I.E. STAIRS), CLEAR COVER OF CONCRETE AT ANCHOR IN UPPER SLAB SHALL BE 2" MINIMUM.

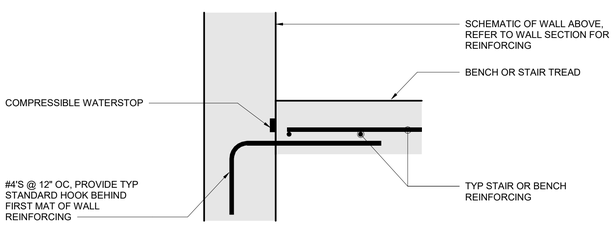
7 REINFORCING DETAIL - ANCHOR EMBEDMENT
3" = 1'-0"



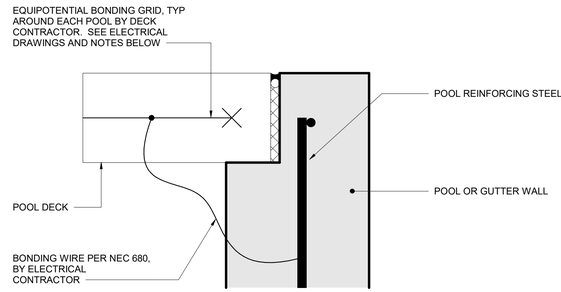
8 REINFORCING DETAIL - FLOOR OUTLET DETAIL
1" = 1'-0"



9 REINFORCING DETAIL - BENCH
1 1/2" = 1'-0"



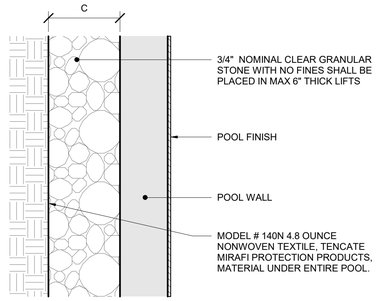
10 REINFORCING DETAIL - BENCH & STAIR INTERSECTION
1 1/2" = 1'-0"



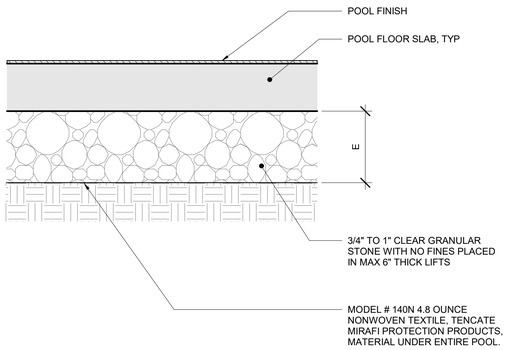
NOTES:

1. THIS DETAIL IS INTENDED TO ILLUSTRATE THE EQUIPOTENTIAL BONDING GRID AROUND EACH POOL AS REQUIRED BY NEC 680.
2. THE GRID SHALL CONFORM TO ALL NEC 680 REQUIREMENTS.
3. PER NEC 680, THE GRID SHALL:
   - 3.a. COMPLETELY SURROUND THE PERIMETER OF THE POOL AND EXTEND 3 FEET HORIZONTALLY FROM THE INSIDE WALLS OF THE POOL.
   - 3.b. BE ARRANGED IN A 12" X 12" (OR LESS) NETWORK OF CONDUCTORS IN A UNIFORMLY SPACED PATTERN.
   - 3.c. BE BONDED TO THE POOL REINFORCING STEEL.
4. THIS DETAIL IS NOT INTENDED TO DETAIL THE POOL WALLS OR THE DECKS. THE ABOVE POOL WALL IS GENERIC IN NATURE AND IS NOT TYPICAL FOR EACH POOL WALL. SEE POOL SECTIONS AND DECK SECTIONS FOR ADDITIONAL POOL AND DECK CONSTRUCTION REQUIREMENTS.
5. SEE POOL ELECTRICAL DRAWINGS FOR ADDITIONAL BONDING & GROUNDING REQUIREMENTS.

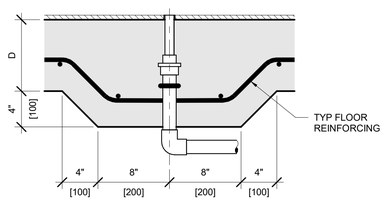
3 POOL EQUIPOTENTIAL BONDING GRID
3" = 1'-0"



4 POOL WALL BACKFILL
1" = 1'-0"



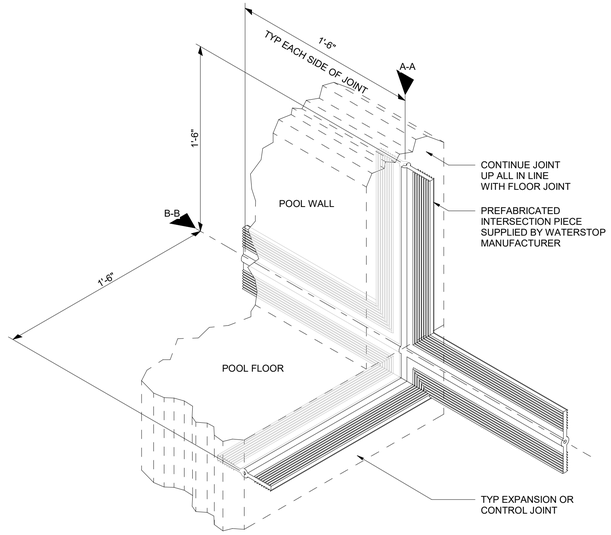
5 FLOOR SUB BASE
1" = 1'-0"



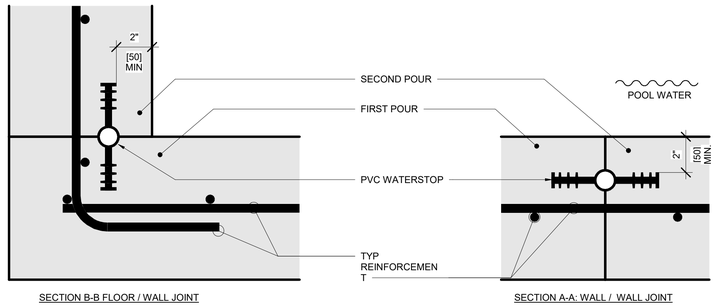
NOTES:

1. SEE PIPE PENETRATION DETAIL FOR WATERSTOP INFORMATION
2. SEE PIPE PENETRATION DETAIL FOR REQUIRED REINFORCING

6 REINFORCING - GEYSER / RAPIDS
1 1/2" = 1'-0"



HORIZONTAL TO VERTICAL INSTALLATION @ TYP JOINT



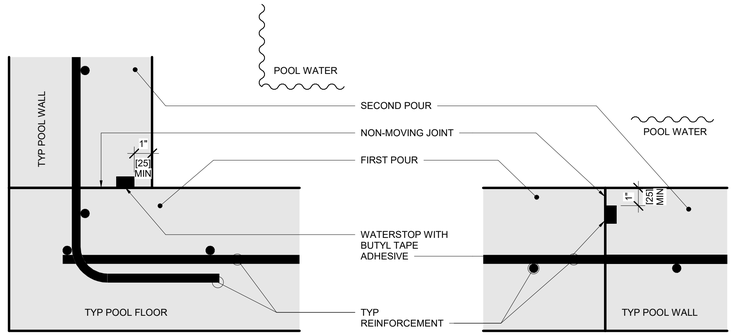
SECTION B-B FLOOR / WALL JOINT

SECTION A-A: WALL / WALL JOINT

NOTES:

1. WATERSTOP SHALL BE 6" PVC RIBBED WITH 1" DIA CENTERBULB UNLESS NOTED OTHERWISE.
2. INSTALL WATERSTOP ON WET SIDE(S) OF REINFORCEMENT.
3. ALL WATERSTOPS SHALL BE WELDED PER MANUFACTURER'S REQUIREMENTS.

1 WATERSTOP DETAIL - PVC
3" = 1'-0"



SECTION B-B FLOOR / WALL JOINT

SECTION A-A: WALL / WALL JOINT

NOTE:

1. DETAIL ILLUSTRATES COMPRESSIBLE WATERSTOP FOR NON-MOVING JOINTS. FOR APPLICABLE INSTALLATION LOCATIONS SEE:
2. BASIS OF DESIGN IS TYPE KBA-1510FP WATERSTOP BY ADEKA. SUBSTITUTIONS MUST BE APPROVED BY ENGINEER.
3. INSTALL WATERSTOP ON WET SIDE(S) OF REINFORCEMENT.
4. DIMENSION ABOVE IS A MINIMUM FOR CONCRETE COVERAGE AND DOES NOT INCLUDE THE POOL FINISH. PROVIDE ADDITIONAL CONCRETE COVERAGE IF POSSIBLE. SPACING BETWEEN REINFORCING STEEL AND WATERSTOP SHALL BE NO LESS THAN 1.5 x DIAMETER OF THE LARGEST AGGREGATE IN THE APPROVED CONCRETE MIX.
5. PROTECT WATERSTOP FROM WATER, DIRT, DEBRIS, AND DAMAGE PRIOR TO COVERING WITH CONCRETE.
6. SEE SPECIFICATION SECTION 131120 FOR ADDITIONAL WATERSTOP REQUIREMENTS.

2 WATERSTOP DETAIL - COMPRESSIBLE NON-MOVING JOINT - ADEKA
3" = 1'-0"

WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999

Copyright © 2015
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

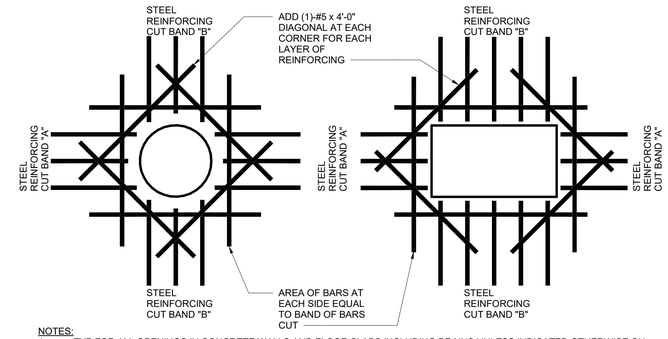
TELLURIDE TOWN PARK OUTDOOR FAMILY RECREATION POOL
TELLURIDE, CO

TELLURIDE PARKS & REC

TOWN OF TELLURIDE

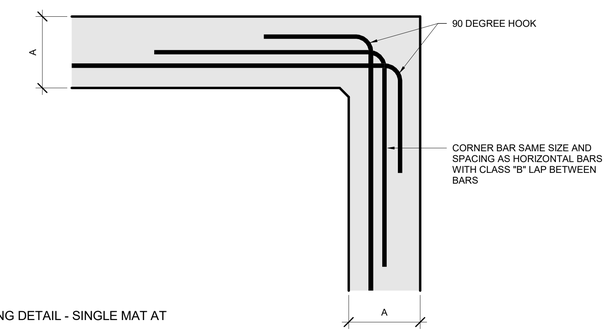
ISSUE DATE:	01 February, 2017
PROJECT NO:	16365
DRAWN BY:	BT
CHECKED BY:	WB

PL202
STRUCTURAL

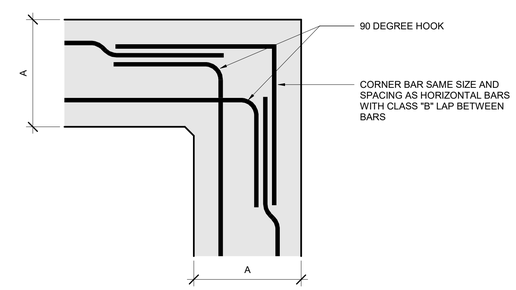


NOTES:
1. TYP FOR ALL OPENINGS IN CONCRETE WALLS AND FLOOR SLABS INCLUDING DRAINS UNLESS INDICATED OTHERWISE ON PLANS.
2. DO NOT WELD REINFORCEMENT TO PIPE SLEEVES AND INSERTS.
3. ALL OPENINGS THROUGH WATERTIGHT TANK REQUIRE WATERSTOPS.
4. PROVIDE MIN LAPS AS NOTED IN SCHEDULE OR SHOWN ON PLANS TYP.

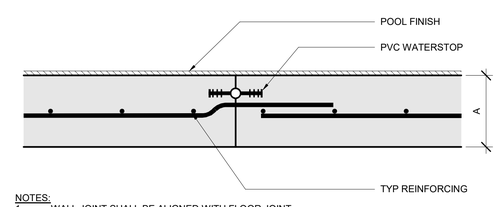
1 REINFORCING DETAIL - PENETRATION
1 1/2" = 1'-0"



2 REINFORCING DETAIL - SINGLE MAT AT CORNER
1 1/2" = 1'-0"



3 REINFORCING DETAIL - DOUBLE MAT AT CORNER
1 1/2" = 1'-0"



NOTES:
1. WALL JOINT SHALL BE ALIGNED WITH FLOOR JOINT
2. SEE POOL FINISH SCHEDULE

4 CONSTRUCTION JOINT DETAIL
1 1/2" = 1'-0"

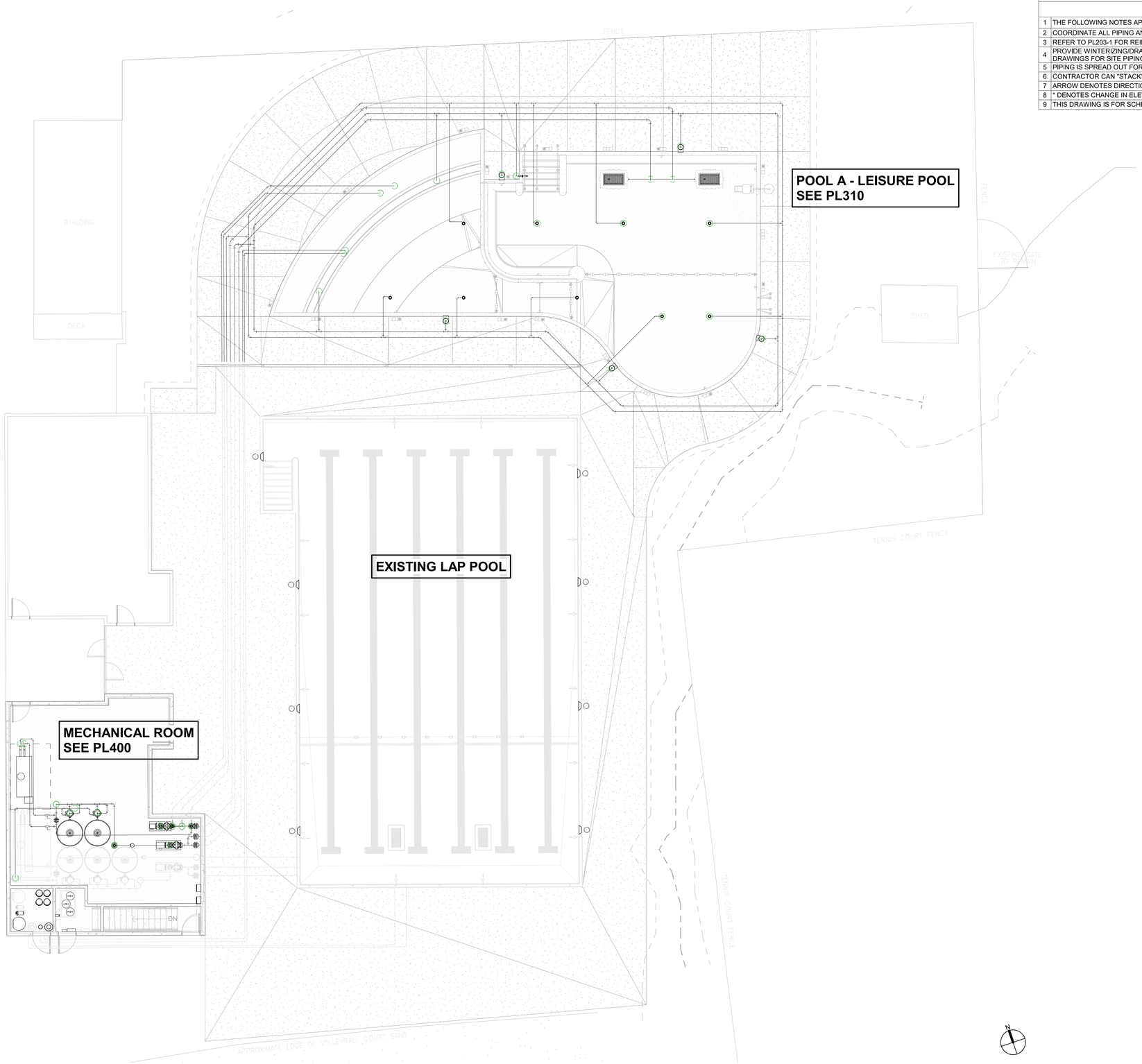
WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999
Copyright © 2015
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

TELLURIDE TOWN PARK
OUTDOOR FAMILY
RECREATION POOL
TELLURIDE, CO

TELLURIDE PARKS & REC
TOWN OF TELLURIDE

ISSUE DATE: 01 February, 2017
PROJECT NO: 16365
DRAWN BY: BT
CHECKED BY: WB

PL203
STRUCTURAL



1 OVERALL PIPING PLAN
1/8" = 1'-0"

PIPING PLAN NOTE

	DIVISION 13 CONTRACTOR NOTES:
1	THE FOLLOWING NOTES APPLY TO ALL PIPING PLANS.
2	COORDINATE ALL PIPING AND EMBEDMENTS WITH AFFECTED TRADES.
3	REFER TO PL203-1 FOR REINFORCEMENT AT PIPE PENETRATIONS.
4	PROVIDE WINTERIZING/DRAINING INSTRUCTIONS AND SCHEMATICS TO OWNER. SEE CIVIL DRAWINGS FOR SITE PIPING.
5	PIPING IS SPREAD OUT FOR CLARITY.
6	CONTRACTOR CAN "STACK" PIPES IN THE TRENCH.
7	ARROW DENOTES DIRECTION OF FLOW.
8	* DENOTES CHANGE IN ELEVATION REQUIRED AT THIS POINT.
9	THIS DRAWING IS FOR SCHEMATIC USE ONLY.

WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999
Copyright © 2015

This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

TELLURIDE TOWN PARK OUTDOOR FAMILY RECREATION POOL
TELLURIDE, CO

TELLURIDE PARKS & REC

TOWN OF TELLURIDE

ISSUE DATE: 01 February, 2017
PROJECT NO: 16365
DRAWN BY: PDK
CHECKED BY: WRB

PL300
OVERALL PIPING PLAN

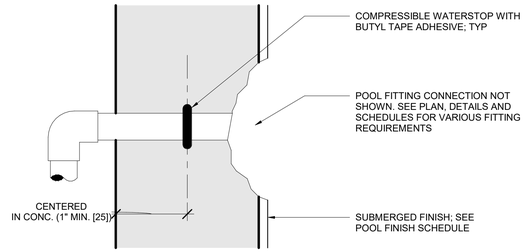
DRAIN SCHEDULE

GRATE ID	DETAIL #	DESIGN GRATE	TOTAL DESIGN FLOW	QTY	DESIGN GRATE WIDTH	DESIGN GRATE LENGTH	DESIGN GRATE OPEN AREA	TOTAL OPEN AREA	DESIGN POINT FLOW	DESIGN POINT VELOCITY	MAX ALLOWABLE FLOW PER GRATE	SYSTEM MAX FLOW PER GRATE	SYSTEM MAX VELOCITY
			(gpm)		(ft)	(ft)	(in2)	(in2)	(gpm)	(fps)	(gpm)	(gpm)	(fps)
A-D1	PL301/1	LAWSON AQUATICS: FI-SG-1836-24(F2)	574	2	1.50	3.00	343	687	287	0.27	1600	485	0.45
		-	-	-	-	-	-	-	-	-	-	-	-

NOTE: THE SYSTEM MAXIMUM FLOW RATE (SYSTEM MAX) SHALL BE DETERMINED BY USING THE FLOW AT THE END OF THE PUMP MANUFACTURER'S PUMP CURVE.

POOL PLUMBING FIXTURE SCHEDULE

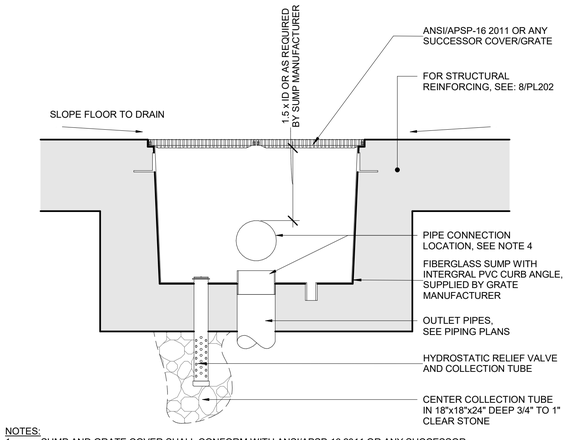
FIXTURE	QTY.	MANUFACTURER	DESCRIPTION
FLOOR INLET	9	STA-RITE	ADJUSTABLE FLOOR INLET FITTING. MODEL NUMBER 8417-0000, 1-1/2" OR 2" IPS SOLVENT WELD, MOLDED ABS PLASTIC BODY WITH INTERNAL NPT THREADS AND ADJUSTING TOP PLATE WITH VANDAL PROOF LOCKING DEVICE, WHITE IN COLOR
WALL INLET	1	STA-RITE	MODEL NUMBER 8429-0000, 1-1/2", MOLDED ABS, WHITE IN COLOR
SP-1056	2	HAYWARD	2" HYDROSTATIC RELIEF VALVE
SKIMMER	5	STA-RITE	SWIMQUIP MANUFACTURED BY PENTAIR, CATALOG # 08650-1404, U-3 MOLDED ABS SKIMMER WITH WHITE LID & FRAME, 2" SLIP WITH 1 1/2" SLIP REDUCERS; INCLUDE FLOAT & CHECK VALVE AND BASKET. PROVIDE WITH ASME A112.19.8-2007 CERTIFIED, WHITE, EQUALIZER FITTING AND COVER.
FI-SG-1836-15	2	LAWSON AQUATICS	SEE DRAIN SCHEDULE



FLOOR / WALL SECTION

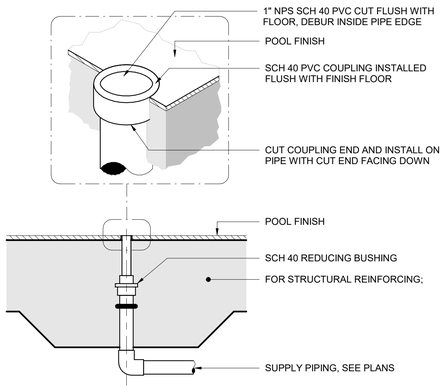
NOTES:
1. DETAIL ILLUSTRATES COMPRESSIBLE WATERSTOP FOR PIPE PENETRATIONS THROUGH POOL SHELL. SEE PIPING PLANS AND DETAILS FOR APPLICABLE INSTALLATION LOCATIONS.
2. BASIS OF DESIGN IS TYPE KBA-1510FP COMPRESSIBLE WATERSTOP BY ADEKA. SUBSTITUTIONS MUST BE APPROVED BY ENGINEER.
3. DIMENSION ABOVE IS A MINIMUM FOR CONCRETE COVERAGE AND DOES NOT INCLUDE THE POOL FINISH. PROVIDE ADDITIONAL CONCRETE COVERAGE IF POSSIBLE.
4. PROTECT WATERSTOP FROM WATER, DIRT, DEBRIS, AND DAMAGE PRIOR TO COVERING WITH CONCRETE.
5. SEE SPECIFICATION SECTION 131120 FOR ADDITIONAL WATERSTOP REQUIREMENTS.
6. STEEL REINFORCEMENT OMITTED FOR CLARITY. SEE STRUCTURAL DETAILS FOR TYP WALL/FLOOR REINFORCING STEEL REQUIREMENTS AND STEEL REQUIREMENTS AROUND PIPE PENETRATIONS. SPACING BETWEEN REINFORCING STEEL AND WATERSTOP SHALL BE NO LESS THAN 1.5xDIAMETER OF THE LARGEST AGGREGATE IN THE APPROVED CONCRETE MIX.

3 WATERSTOP DETAIL - TYPICAL POOL PIPE PENETRATION
NONE



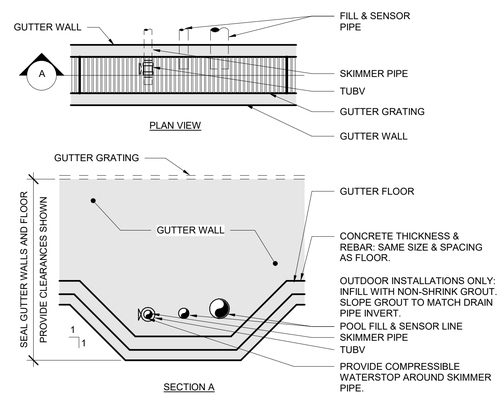
NOTES:
1. SUMP AND GRATE COVER SHALL CONFORM WITH ANSI/APSP-16 2011 OR ANY SUCCESSOR STANDARD. VERIFY GRATE DIMENSIONS AND OUTLET REQUIREMENTS WITH GRATE/SUMP MANUFACTURER PRIOR TO SUBMITTING SHOP DRAWINGS.
2. THE FIBERGLASS SUMP SHALL BE SUPPLIED WITH THE GRATE AS INDICATED IN THE DRAIN SCHEDULE. SUMP MATERIALS SHALL MEET OR EXCEED THE SCHEDULED MANUFACTURER'S SPECIFICATION: 8 OZ. OF FIBERGLASS MAT WITH MARINE QUALITY RESIN, COLORED GELCOAT ON INSIDE, WALL THICKNESS OF 0.19" +/- 0.01", & 2" FRP WATERSTOP GLASSED ONTO SUMP.
3. AT CONTRACTOR'S OPTION, SUMP MAY HAVE BOTTOM OR SIDE OUTLET PIPE CONNECTION.
4. CONTRACTOR SHALL INCLUDE ALL POOL DRAIN/WINTERIZATION PIPE CONNECTIONS AS SHOWN ON PIPING DRAWINGS.
5. UNUSED HYDROSTATIC PORTS SHALL BE PLUGGED.
6. SEE DRAIN SCHEDULE AND PIPE PLANS.

1 OUTLET DETAIL - FLOOR
NONE



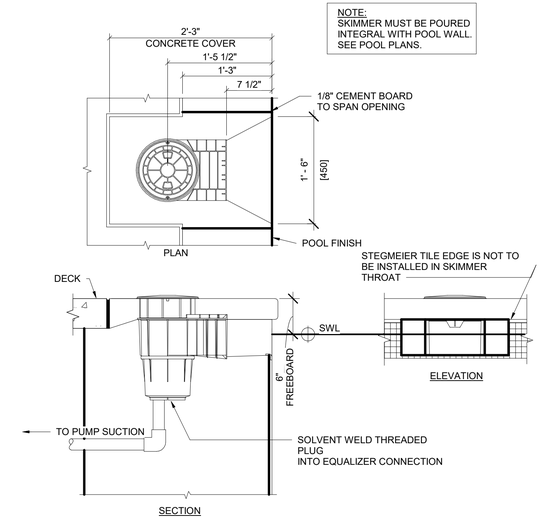
7 ACTIVITIES - GEYSER DETAIL
NONE

NOTES:
1. LOWER GUTTER FLOOR WHERE DRAIN PIPE PENTRATES WALL SO THAT COMPLETE DRAINAGE OF GUTTER IS PROVIDED
2. PROVIDE COMPRESSIBLE WATERSTOP AROUND DRAIN PIPE AT GUTTER WALL PENETRATION
3. PROVIDE 6" PVC BULB-TYPE WATERSTOP AT INTERSECTION OF GUTTER FLOOR AND GUTTER WALLS
4. PROVIDE CLEARANCES AROUND DRAIN PIPE AS INDICATED ON SECTION
5. SEAL GUTTER WALLS AND FLOOR WITH ACRYL-60 AND THORO-SEAL



4 ZERO DEPTH GUTTER DRAIN PIPE PENETRATION
NONE

NOTE:
SKIMMER MUST BE POURED INTEGRAL WITH POOL WALL. SEE POOL PLANS.



SKIMMER SPECIFICATIONS

1. SURFACE SKIMMER SHALL CONSIST OF A PRECISION MOLDED CYCOLAC HOUSING WITH A HEAVY DUTY COMPRESSION MOLDED THERMOSETTING PHENOLIC BASE.

2. THE BASE SHALL INCORPORATE TWO 2" NPT THREADED APERTURE WHICH SHALL ENABLE TESTING OF PIPING FROM INSIDE THE SKIMMER AS WELL AS EXTERNAL PIPE CONNECTIONS TO PUMP. BASE SHALL BE AN INTEGRAL PART OF THE SKIMMER BODY.

3. A 10" DIA NON-CORROSIVE, HEAVY DUTY, NON-SLIP DECK PLATE & FRAME SHALL BE PROVIDED FOR EASY ACCESS TO THE SKIMMER INTERIOR. THE FRAME SHALL BE MOLDED CYCOLAC & SHALL INCORPORATE A FLANGE BELOW DECK LEVEL FOR KEYING INTO CONCRETE & SHALL BE ADJUSTABLE TO PERMIT VARIATIONS IN HEIGHT & ANGLE OF DECK IN RELATION TO THE SKIMMER BODY. THE ACCESS PLATE SHALL BE MOLDED CYCOLAC & SHALL BE SECURED TO THE FRAME BY MEANS OF TWO SS SCREWS TO PREVENT VANDALISM.

4. THE SKIMMER THROAT SHALL HAVE AN INTEGRAL MOLDED WEIR STOP WITH A CUSHION ATTACHED. THE SKIMMER THROAT SHALL BE WITH AN 8" WIDE HEAVY DUTY MOLDED WEIR & HINGE WHICH AUTOMATICALLY ADJUSTS TO VARIATIONS IN POOL WATER LEVEL, WITHIN A 4" RANGE.

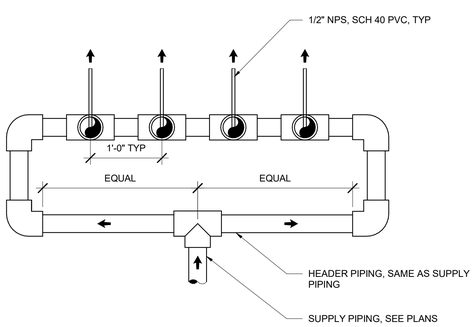
5. A REMOVABLE 7 1/2" DIA x 5 1/8" DEEP SYNTHETIC DEBRIS BASKET SHALL BE PROVIDED IN THE SKIMMER BODY.

6. A REMOVABLE FLOAT VALVE HOUSING ASSEMBLY SHALL BE REMOVED & DISCARDED.

7. AN ADJUSTABLE TRIMMER VALVE SHALL BE FITTED TO THE SKIMMER BASE TO PROVIDE AN ACCURATE FLOW ADJUSTMENT, THUS PERMITTING EQUALIZATION OF FLOW OF ALL SKIMMERS.

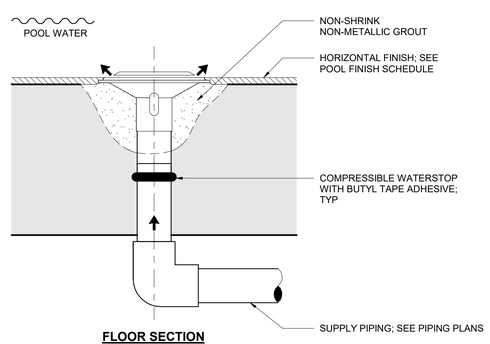
8. SURFACE SKIMMER SHALL BE SWIMQUIP MANUFACTURED BY STA-RITE INDUSTRIES, CATALOG #: 08650-1404, U-3 MOLDED ABS SKIMMER WITH WHITE LID, FRAME & BASKET, 2" SLIP WITH 1 1/2" SLIP REDUCER.

2 SKIMMER
NONE



NOTE:
1. SEE PLAN FOR QUANTITY OF SPRAYS

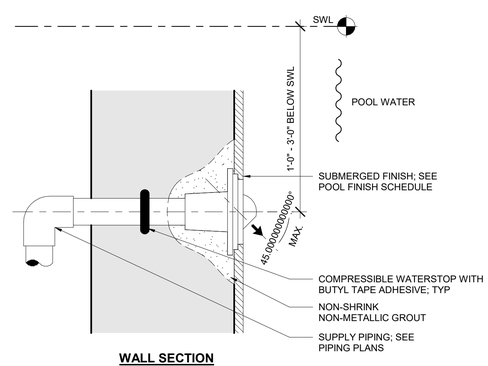
8 ACTIVITY DETAIL - SPRAY HEADER
NONE



FLOOR SECTION

NOTES:
1. ADJUSTMENT BY CONTRACTOR SHALL BE NECESSARY ON SITE TO BALANCE FLOW

6 INLET DETAIL - FLOOR
NONE



WALL SECTION

NOTES:
1. ADJUSTMENT BY CONTRACTOR SHALL BE NECESSARY ON SITE TO BALANCE FLOW

5 INLET DETAIL - POOL WALL
NONE

WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999

Copyright © 2015
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

TELLURIDE TOWN PARK
OUTDOOR FAMILY
RECREATION POOL
TELLURIDE, CO

TELLURIDE PARKS & REC

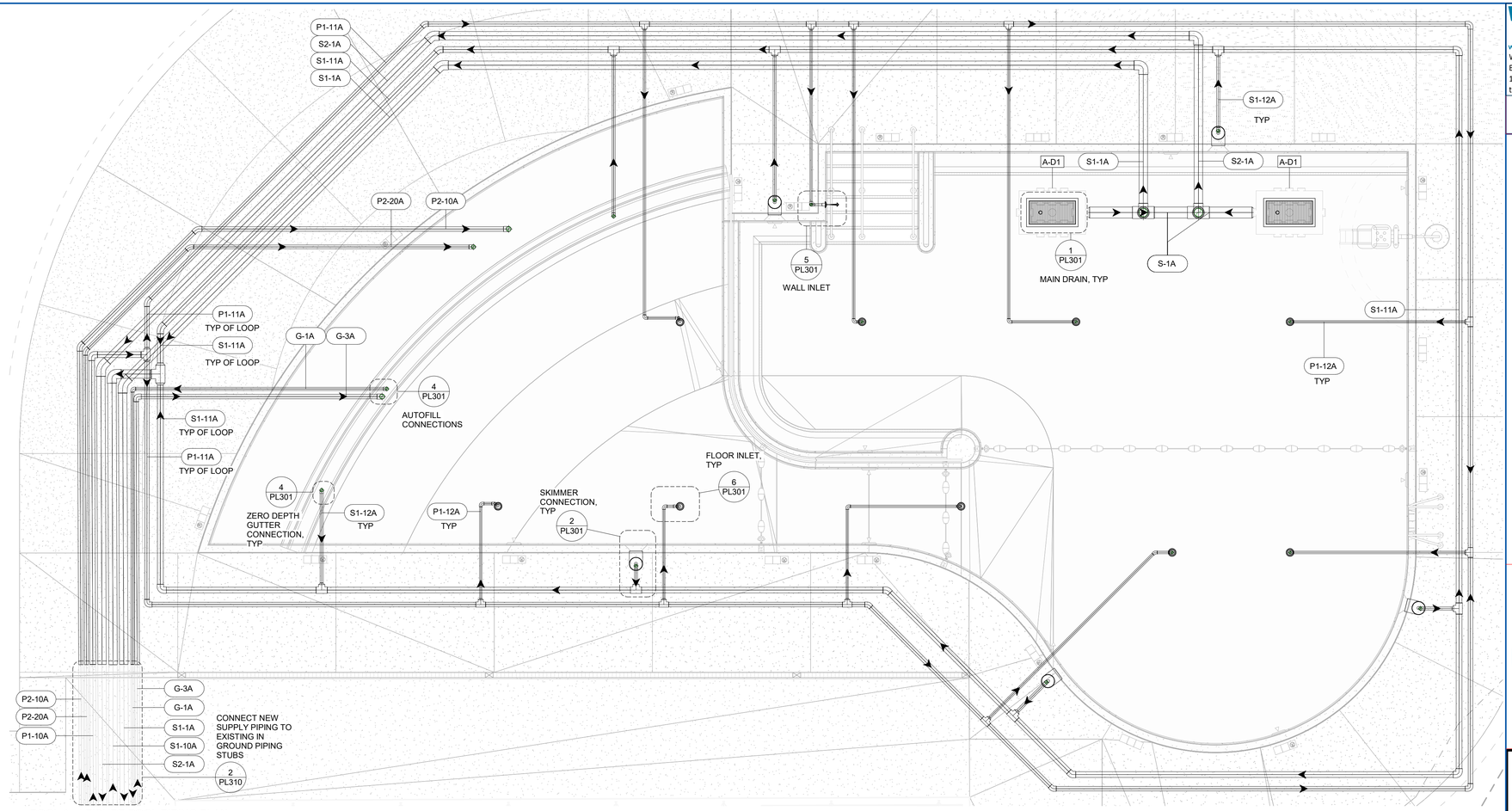
TOWN OF TELLURIDE

ISSUE DATE:	01 February, 2017
PROJECT NO:	16365
DRAWN BY:	PDK
CHECKED BY:	WRB

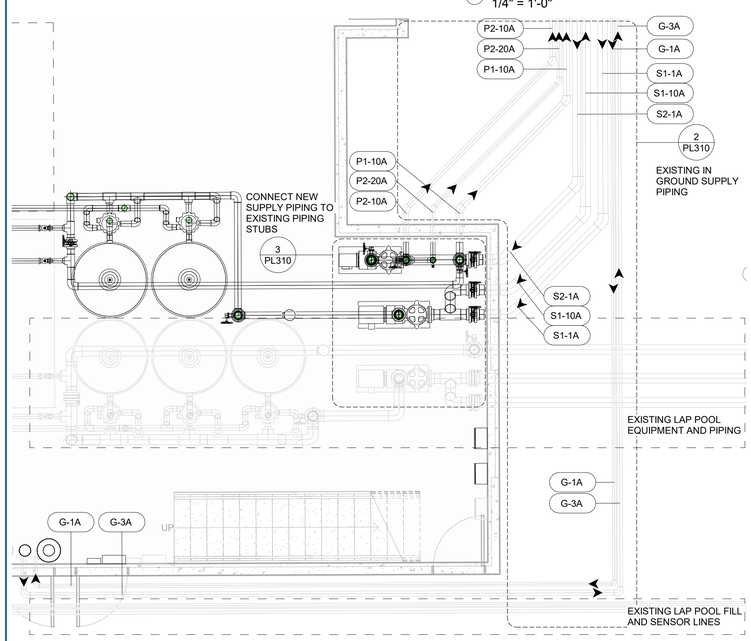
PL301
PIPING DETAILS

POOL A - LEISURE PIPE SCHEDULE

PIPE ID	TYPE	NPS	FLOW	VELOCITY	DESCRIPTION
		(in)	(gpm)	(fps)	
S-1A	PVC SCH 40	8	574	3.7	COMBINED PUMP SUCTION
-	-	-	-	-	-
S1-1A	PVC SCH 40	6	299	3.4	FILTRATION PUMP SUCTION - MAIN DRAIN
S1-10A	PVC SCH 40	6	299	3.4	FILTRATION PUMP SUCTION - SKIMMER
S1-11A	PVC SCH 40	4	150	3.8	SKIMMER LOOP
S1-12A	PVC SCH 40	2	50	4.9	SKIMMER CONNECTION, TYP
P1-10A	PVC SCH 40	4	299	7.6	INLET SUPPLY
P1-11A	PVC SCH 40	3	150	6.6	INLET SUPPLY LOOP
P1-12A	PVC SCH 40	1.5	30	4.8	TYPICAL INLET SUPPLY CONNECTION
-	-	-	-	-	-
G-1A	PVC SCH 40	2	0	0.0	SENSOR
G-3A	PVC SCH 40	3	0	0.0	FILL LINE
-	-	-	-	-	-
S2-1A	PVC SCH 40	6	275	3.1	ACTIVITY PUMP SUCTION
P2-10A	PVC SCH 40	3	150	6.6	DECK SPRAY SUPPLY
P2-11A	PVC SCH 40	2	75	7.3	DECK SPRAY LOOP
P2-12A	PVC SCH 40	1.5	15	2.4	DECK SPRAY CONNECTION, TYP
-	-	-	-	-	-
P2-20A	PVC SCH 40	2.5	125	8.5	GEYSER SUPPLY
P2-21A	PVC SCH 40	2	63	6.1	GEYSER LOOP
P2-22A	PVC SCH 40	1.5	25	4.0	GEYSER CONNECTION, TYP
-	-	-	-	-	-
-	-	-	-	-	-



1 POOL A - LEISURE POOL PIPING PLAN
1/4" = 1'-0"



4 POOL A - LEISURE POOL MECHANICAL ROOM EXIT PIPING PLAN
1/4" = 1'-0"

3 MECHANICAL ROOM EXISTING PIPING STUBS
NONE

2 EXISTING PIPING MAINS
NONE

WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999

Copyright © 2015
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

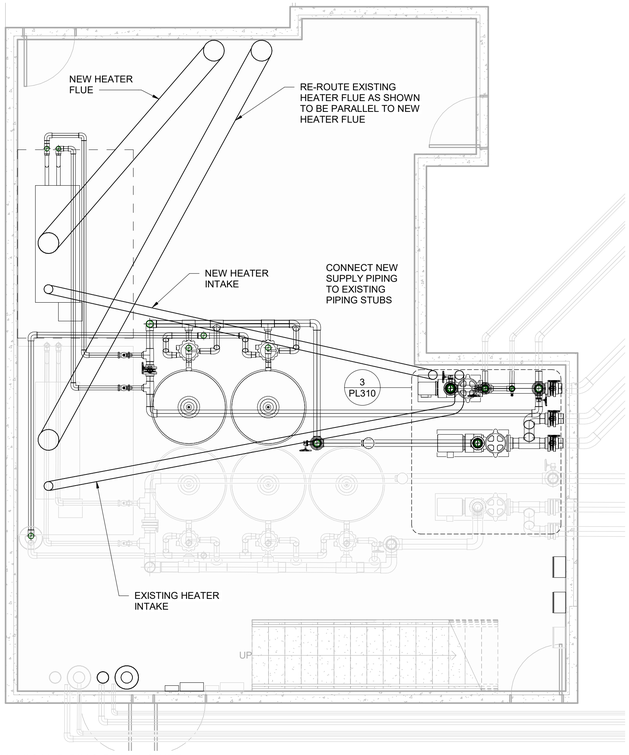
TELLURIDE TOWN PARK OUTDOOR FAMILY RECREATION POOL
TELLURIDE, CO

TELLURIDE PARKS & REC

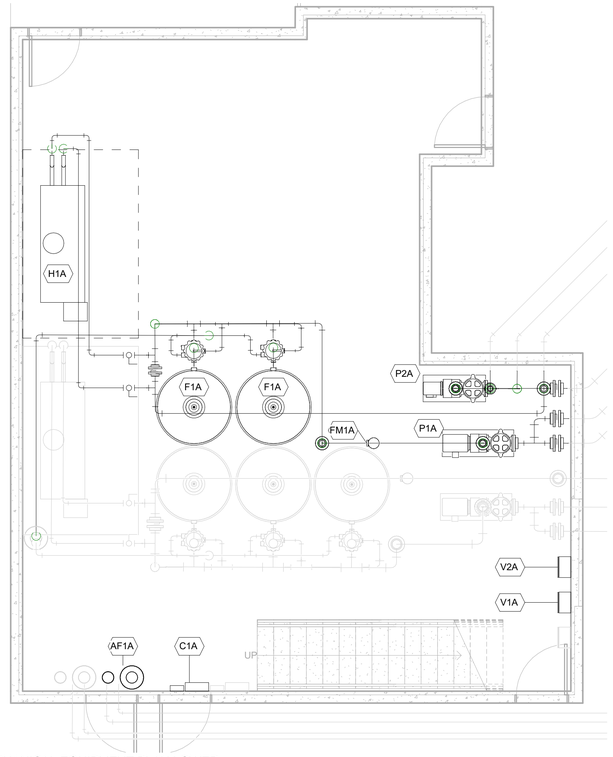
TOWN OF TELLURIDE

ISSUE DATE: 01 February, 2017
PROJECT NO: 16365
DRAWN BY: PDK
CHECKED BY: WRB

PL310
POOL A - LEISURE POOL PIPING PLAN



6 MECHANICAL PIPING PLAN LOWER LEVEL
1/4" = 1'-0"



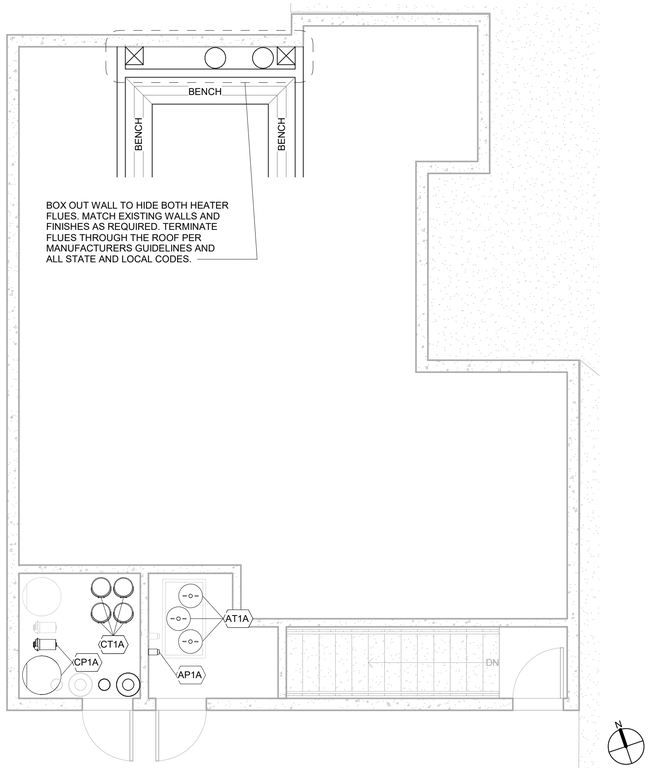
4 MECHANICAL EQUIPMENT PLAN LOWER LEVEL
1/4" = 1'-0"

POOL A-LEISURE POOL DATA

DESCRIPTION	QTY	UNITS			
POOL PERIMETER	203	FEET			
WATER SURFACE AREA	1,752	SQUARE FEET			
POOL VOLUME	35,841	GALLONS			
CIRCULATION RATE	299	GPM			
TURNOVER/VOLUME/FLOW	60 MIN.	3,821	GAL.	64	GPM
TURNOVER/VOLUME/FLOW	136 MIN.	32,020			
FILTRATION RATE	12.67	GPM/FT²			
FILTER DRAIN RATE	300	GPM			
PATRON LOAD	175	PERSONS			

POOL A - LEISURE POOL EQUIPMENT SCHEDULE

ID	ITEM	QTY.	MANUFACTURER	BASIS OF DESIGN
P1A	FILTRATION PUMP	1	PENTAIR PUMP	EQ SERIES, EQKT750, 299 GPM, @ 72' TDH, 7.5 HP, 230/460 VOLT, 3 PHASE, 60HZ, 3450 RPM, TEFC MOTOR, END SUCTION, SELF PRIMING, CLOSE COUPLED, PROVIDE WITH INTEGRAL 6" x 6" STRAINER AND EXTRA STRAINER BASKET.
P2A	ACTIVITY PUMP	1	PENTAIR PUMP	EQ SERIES, EQKT500, 275 GPM, @ 57' TDH, 5 HP, 230/460 VOLT, 3 PHASE, 60HZ, 3450 RPM, TEFC MOTOR, END SUCTION, SELF PRIMING, CLOSE COUPLED, PROVIDE WITH INTEGRAL 6" x 6" STRAINER AND EXTRA STRAINER BASKET.
F1A	FILTER	2	NEPTUNE BENSON, INC.	LEGACY SERIES, #48CCFG-3, 48" DIAMETER FIBERGLASS TANK, 58" HIGH, 23.6 SQUARE FEET OF TOTAL SURFACE AREA, 12.67 GPM/S.F. OF FILTER AREA, PROVIDE WITH MULTI-PORT VALVE
C1A	CHEMICAL CONTROLLER	1	BECS TECHNOLOGY	BECSys5 CONTROLLER, CONTINUOUS MONITORING AND CONTROL, WITH SENSORS AND FLOW ASSEMBLY FOR pH RANGE 0-14, ORP RANGE -1000 TO + 1000mV, TEMPERATURE RANGE 0 TO 100 DEGREES C. WITH FLOW CELL, FLOW RANGE 0 TO 8800 GPM, COMPUTER INTERFACE AND REQUIRED SOFTWARE WITH REQUIRED CONNECTING KITS.
AF1A	WATER LEVEL CONTROL	1	B.W. CONTROLS	#5200-LFI-N4 RELAY, #6012-KF3-RC ELECTRODE HOLDER, #6013-SS-X-C ELECTRODES, (1) ASCO 8221 SERIES, 1.5" SLOW CLOSING BRASS BODY, BUNA "N" SEALS AND DISCS, NORMALLY CLOSED, WATERTIGHT ENCLOSURE.
CP1A	CHLORINATOR	1	ARCH CHEMICALS	PULSAR 140, 100 POUND CAPACITY, 5 TO 140 LBS/DAY OUTPUT, WITH 1 HP RECIRCULATION PUMP, VENTURI, SOLENOID VALVE, AND CONNECTIONS FOR STANDARD INSTALLATION, USE PULSAR PLUS BRIQUETTES (CALCIUM HYPOCHLORITE) FOR DISINFECTANT, PROVIDE WITH EXTRA TABLET STRAINER
CT1A	CHEMICAL STORAGE	1	CHEMICAL SUPPLIER	BUCKETS OF CALCIUM HYPOCHLORITE PROVIDED BY OWNER'S CHEMICAL SUPPLIER
AP1A	CHEMICAL FEED PUMP	1	STENNER	SERIES 85M, #85M3, 2.0 TO 40.0 GALLONS PER DAY OUTPUT, 120 VOLTS, USE MURIATIC ACID FOR pH CONTROL. PROVIDE WITH WEIGHTED FOOT STRAINER.
AT1A	CHEMICAL STORAGE	1	CHEMICAL SUPPLIER	15 GALLON CARBOYS PROVIDED BY OWNER'S CHEMICAL SUPPLIER
H1A	HEATER	1	PENTAIR	PENTAIR COMMERCIAL POWERMAX, HIGH PERFORMANCE ELECTRONIC IGNITION HEATER, 1,250,000 BTU/H INPUT, 2" NATURAL GAS CONNECTION, 2-1/2" UNIVERSAL WATER CONNECTIONS, 12" DIAMETER PVC FLUE, PROVIDE WITH VENT TERMINATION KIT, A.S.M.E. LABEL, RELIEF VALVE, FLOW SWITCH, SAFETY DEVICE PACKAGE PER STATE AND LOCAL CODE.
FM1A	FLOW METER	1	SIGNET	2551 MAG METER, INSERTION STYLE MAGNETIC FLOW SENSOR, MODEL #3-2551-P0-12. PROVIDE WITH 4" DIAMETER PVC SADDLE INSERTION FITTING. FLOW TO BE DISPLAYED ON CHEMICAL CONTROLLER. DESCRIPTION, DESIGN FLOW, PIPE SIZE MAIN, FM1A, 299 GPM, 4"
V1A	FILTRATION PUMP VFD	1	PENTAIR	ACCUDRIVE XS, VARIABLE FREQUENCY DRIVE, MODEL AD075-4603-N01, 480 VOLT, 3 PHASE, PROVIDE WITH NEMA 1 ENCOSURE, FUSED DISCONNECT, AND FACTORY START UP.
V2A	ACTIVITY PUMP VFD	1	PENTAIR	ACCUDRIVE XS, VARIABLE FREQUENCY DRIVE, MODEL AD050-4603-N01, 480 VOLT, 3 PHASE, PROVIDE WITH NEMA 1 ENCOSURE, FUSED DISCONNECT, AND FACTORY START UP.

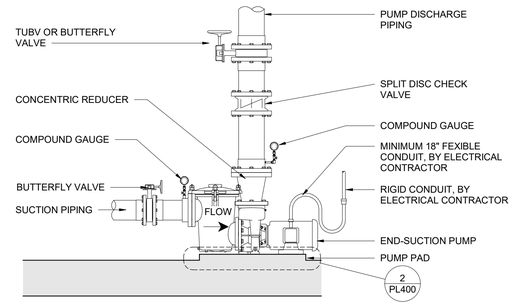


5 MECHANICAL EQUIPMENT PLAN UPPER LEVEL
1/4" = 1'-0"

MECHANICAL PLAN NOTE

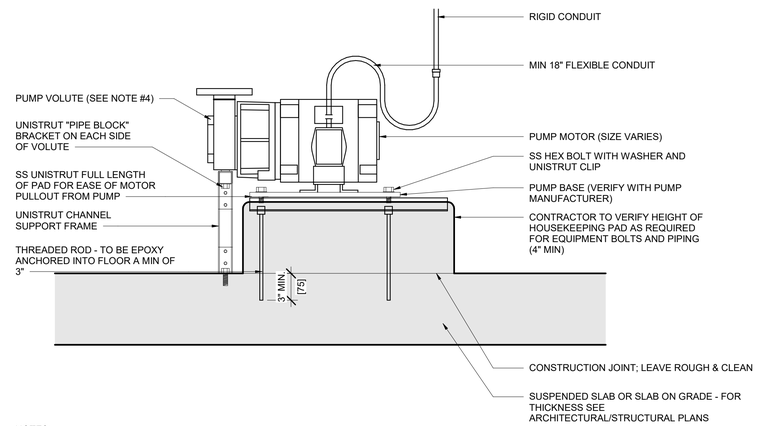
DIVISION 13 CONTRACTOR SHALL:

1	VERIFY EQUIPMENT PAD HEIGHT REQUIREMENTS FROM MANUFACTURER AND PROVIDE SHOP DRAWINGS TO POOL ENGINEER.
2	VERIFY ALL OPENINGS, PENETRATIONS, AND ELEVATIONS AND PROVIDE SHOP DRAWINGS TO POOL ENGINEER.
3	COORDINATE ALL PIPING AND EMBEDMENTS WITH AFFECTED TRADES.
4	REFER TO STRUCTURAL DRAWINGS FOR FUTURE CORED OPENINGS.
5	REFER TO ARCHITECTURAL PLANS FOR ACTUAL ROOM DIMENSIONS AND FINISHED FLOOR ELEVATIONS.
6	REFER TO PL203-1 FOR REINFORCEMENT AT PIPE PENETRATIONS.
7	SUPPORT PIPES PER PL402-1 THRU 7.
8	EXISTING LAP POOL EQUIPMENT AND PIPING GRAYED FOR CLARITY.



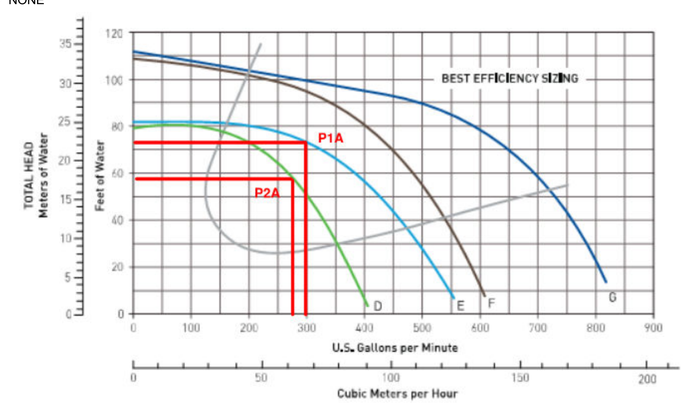
NOTES:
1. REFER TO EQUIPMENT SCHEDULES FOR STRAINER TYPE & SIZE.
2. SUPPLY AND INSTALL ECCENTRIC REDUCER ON SUCTION SIDE AS NECESSARY.
3. INSTALL STRAINER OR REDUCER WITH 1/4" FPT GAUGE CONNECTION AS COSE TO PUMP AS POSSIBLE.
4. INSTALL CHECK VALVE PER MANUFACTURER'S RECOMMENDATIONS.

1 PUMP INSTALLATION DETAIL
NONE



NOTES:
1. PAD SIZE SHALL BE MIN INDICATED OR AS SHOWN ON THE PLANS OR AS INDICATED BY THE MANUFACTURER
2. THE SIZE, NUMBER, TYPE, LOCATION, AND THREAD PROJECTION OF THE ALL THREAD ROD SHALL BE DETERMINED BY THE EQUIPMENT MANUFACTURER/INSTALLING CONTRACTOR, ALL THREAD ROD SHALL BE HELD IN POSITION WITH A TEMPLATE WHILE PAD IS BEING POURED.
3. EQUIPMENT BASES SHALL BE INSTALLED LEVEL UNLESS SPECIFIED OTHERWISE. EQUIPMENT BASES SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR. SIZES AND LOCATIONS TO BE VERIFIED BY CONTRACTOR.
4. DO NOT ALLOW PUMP VOLUTE TO CARRY WEIGHT OF PIPING. PROVIDE SUPPORT FOR VOLUTE AS ILLUSTRATED ABOVE. SIMILARLY PROVIDE SUPPORT FOR PUMP SUCTION AND DISCHARGE PIPING WHILE ALLOWING FOR PUMP REMOVAL.

2 PUMP DETAIL - PUMP PAD
NONE



3 POOL A PUMP CURVES
NONE

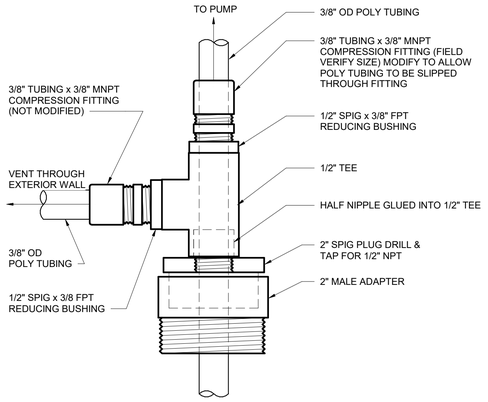
WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999
Copyright © 2015
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

TELLURIDE TOWN PARK
OUTDOOR FAMILY
RECREATION POOL
TELLURIDE, CO

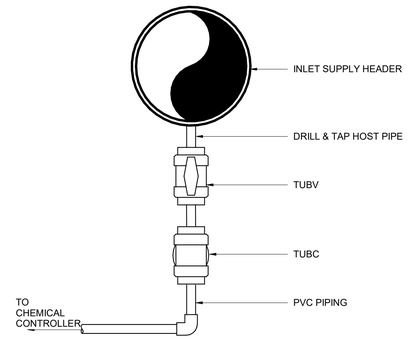
TELLURIDE PARKS & REC
TOWN OF TELLURIDE

ISSUE DATE: 01 February, 2017
PROJECT NO: 16365
DRAWN BY: PDK
CHECKED BY: WRB

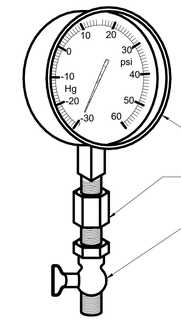
PL400
MECHANICAL PLAN AND DETAILS



7 ACID DISTRIBUTION PIPING
NONE



4 CHEMICAL SAMPLING
NONE



PRESSURE GAUGES SHALL BE INSTALLED BY MEANS OF DRILLING & TAPPING PIPE TO BE MONITORED. THE GAUGE SHALL THEN BE THREADED INTO THE PIPE. PROVIDE WITH SNUBBER & PET COCK.

GAUGE MAY BE USED WHEREVER CRUCIAL VACUUM OR PRESSURE READINGS ARE ESSENTIAL.

GAUGE

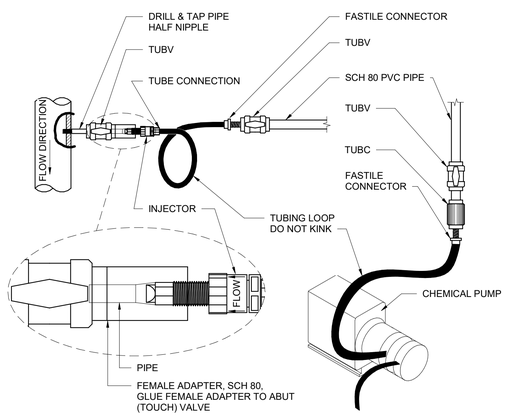
SNUBBER

PETCOCK MODEL #A10, BRASS

4 1/2" SS CASED LIQUID FILLED PRESSURE GAUGES

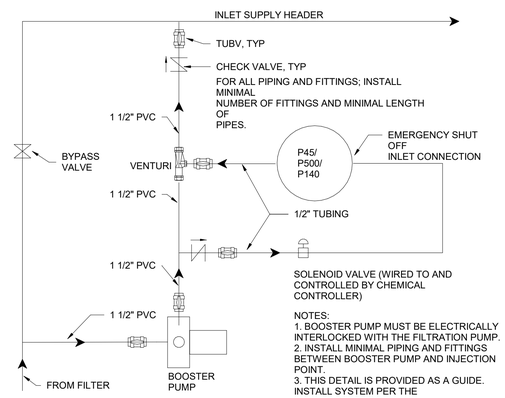
SHALL HAVE A DIAL RANGE PRESSURE OF 60psi & VACUUM RANGE OF 30" Hg THE MINOR GRADUATIONS SHALL HAVE A PRESSURE OF 2psi & VACUUM OF 2"Hg, 1/4" NPT AS MANUFACTURED BY WEKSLER, MARSH, WINTERS OR APPROVED EQUAL.

1 COMPOUND GAUGE
NONE



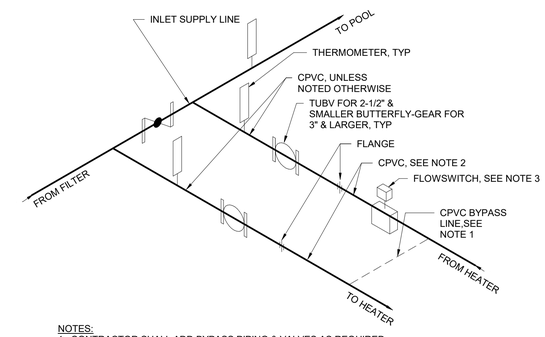
NOTE: FOR PIPING USE FASTITE CONNECTOR OR SIMILAR COMPRESSION FITTING.

8 CHEMICAL INJECTION
NONE



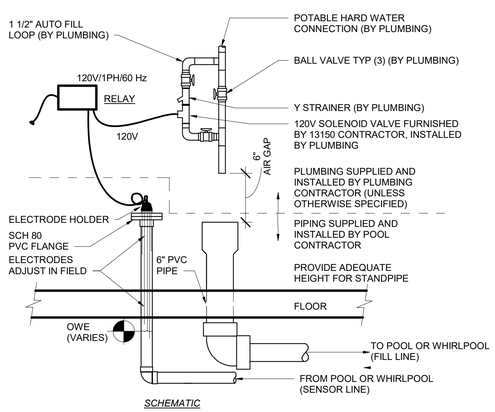
NOTES:
1. BOOSTER PUMP MUST BE ELECTRICALLY INTERLOCKED WITH THE FILTRATION PUMP.
2. INSTALL MINIMAL PIPING AND FITTINGS BETWEEN BOOSTER PUMP AND INJECTION POINT.
3. THIS DETAIL IS PROVIDED AS A GUIDE. INSTALL SYSTEM PER THE MANUFACTURER'S INSTALLATION RECOMMENDATIONS/INSTRUCTIONS.

5 PULSAR CHLORINE SYSTEM
NONE

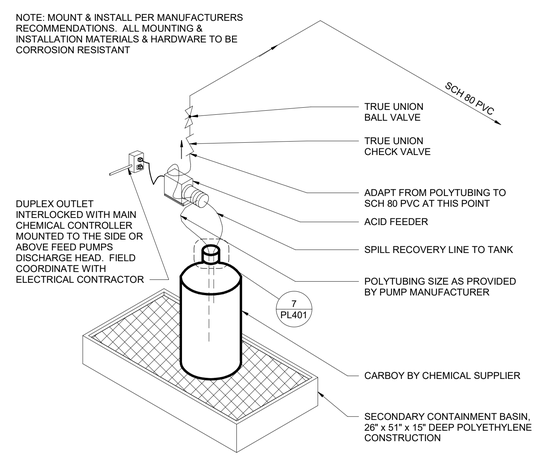


NOTES:
1. CONTRACTOR SHALL ADD BYPASS PIPING & VALVES AS REQUIRED IF RECOMMENDED BY THE HEATER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. PIPING FROM FLANGES IN SKETCH ABOVE TO HEATER SHALL BE CPVC. CPVC PIPE LENGTH MUST BE A MIN OF 10 LINEAR FEET OR PER THE MANUFACTURER'S RECOMMENDATIONS, WHICHEVER IS GREATER.
3. INSTALL FLOWSWITCH ON EFFLUENT SIDE OF HEATER AS CLOSE TO THE HEATER CONNECTION AS POSSIBLE & IN CONFORMANCE WITH MANUFACTURER'S INSTALLATION REQUIREMENTS.

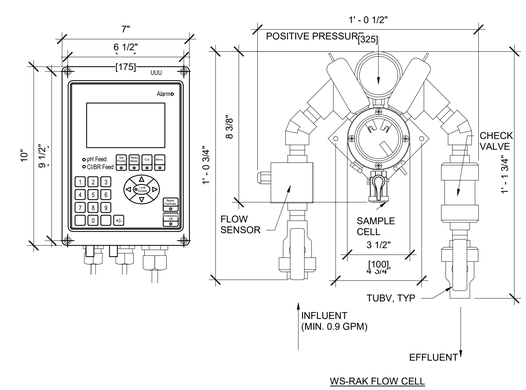
2 HEATER LOOP
NONE



9 AUTO FILL
NONE



6 ACID SYSTEM ISOMETRIC
NONE



3 CHEMICAL CONTROLLER
NONE

WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999
Copyright © 2015
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

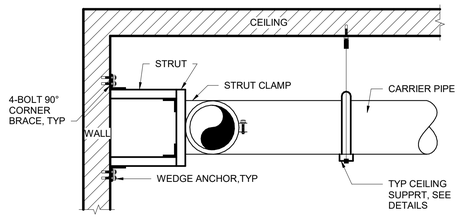
TELLURIDE TOWN PARK OUTDOOR FAMILY RECREATION POOL
TELLURIDE, CO

TELLURIDE PARKS & REC

TOWN OF TELLURIDE

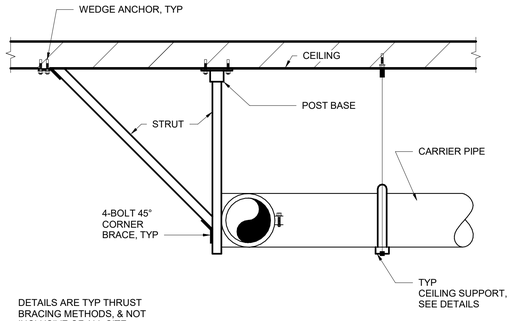
ISSUE DATE:	01 February, 2017
PROJECT NO:	16365
DRAWN BY:	PDK
CHECKED BY:	WRB

PL401
MECHANICAL DETAILS



DETAILS ARE TYP THRUST BRACING METHODS, & NOT INCLUSIVE OF ALL SITE CONDITIONS. CONTRACTOR TO PROVIDE SHOP DRAWINGS OF BRACING METHODS FOR APPROVAL.

7 THRUST BRACING
NONE



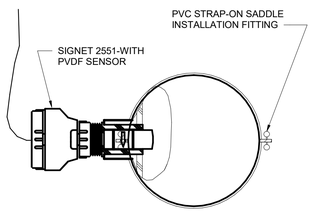
DETAILS ARE TYP THRUST BRACING METHODS, & NOT INCLUSIVE OF ALL SITE CONDITIONS. CONTRACTOR TO PROVIDE SHOP DRAWINGS OF BRACING METHODS FOR APPROVAL.

4 THRUST BRACING
NONE

MAX ALLOWABLE SUPPORT SPACING
(IN FT)

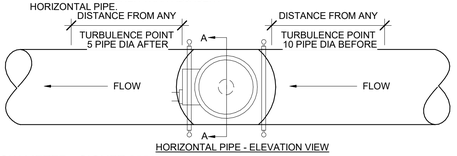
NOM PIPE SIZE (IN)	PVC PIPE									
	SCH 40					SCH 80				
	TEMP °F					TEMP °F				
	60	80	100	120	140	60	80	100	120	140
1/2	4 1/2	4 1/2	4	2 1/2	2 1/2	5	4 1/2	4 1/2	3	2 1/2
3/4	5	4 1/2	4	2 1/2	2 1/2	5 1/2	5	4	3	2 1/2
1	5 1/2	5	4 1/2	3	2 1/2	6	5 1/2	5	3 1/2	3
1 1/4	5 1/2	5 1/2	5	3	3	6	6	5 1/2	3 1/2	3
1 1/2	6	5 1/2	5	3 1/2	3	6 1/2	6	5 1/2	3 1/2	3 1/2
2	6	5 1/2	5	3 1/2	7	7	6 1/2	6	4	3 1/2
2 1/2	7	6 1/2	6	4	3 1/2	7 1/2	7 1/2	6 1/2	4 1/2	4
3	7	7	6	4	3 1/2	8	7 1/2	7	4 1/2	4
4	7 1/2	7	6 1/2	4 1/2	4	9	8	7 1/2	5	4 1/2
6	8 1/2	8	7 1/2	5	4 1/2	10	9 1/2	9	6	5
8	9	8 1/2	8	5	4 1/2	11	10 1/2	9 1/2	6 1/2	5 1/2
10	10	9	8 1/2	5 1/2	5	12	11	10	7	6
12	11 1/2	10 1/2	9 1/2	6 1/2	5 1/2	12	11	10	7	6

1 POOL PIPE SUPPORT NOTE
NONE



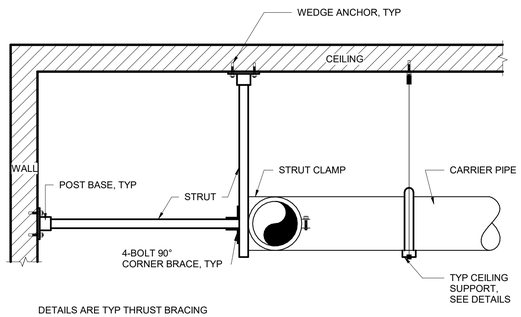
SECTION A-A

NOTE: INSTALL PIPE SUCH THAT AIR CANNOT GET TRAPPED IN AREA OF SENSOR. DO NOT INSTALL IN PIPES WITH FLOW MOVING DOWNWARD OR IN HORIZONTAL SECTIONS OF PIPE THAT ARE HIGHER THAN ADJACENT HORIZONTAL PIPE.



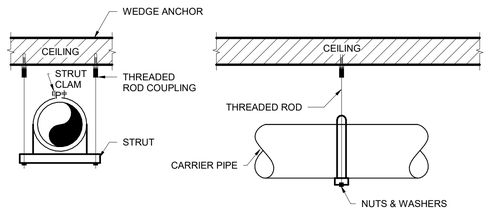
HORIZONTAL PIPE - ELEVATION VIEW

8 FLOW METER - SIGNET 2551 MAGMETER
NONE



DETAILS ARE TYP THRUST BRACING METHODS, & NOT INCLUSIVE OF ALL SITE CONDITIONS. CONTRACTOR TO PROVIDE SHOP DRAWINGS OF BRACING METHODS FOR APPROVAL.

5 THURST BRACING
NONE

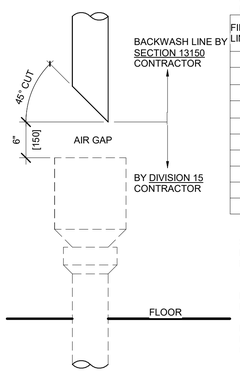


SECTION VIEW

ELEVATION VIEW

NOTES:
1. DETAILS ARE TYP SUPPORT METHODS AND NOT INCLUSIVE OF ALL SITE CONDITIONS.
2. ALL PIPING SHALL BE RIGIDLY SUPPORTED LATERALLY AND VERTICALLY. SUPPORT SYSTEM SHALL PROVIDE ZERO MOVEMENT IN PIPING DURING ALL OPERATING CONDITIONS.
3. PROVIDE THRUST RESTRAINT AT ALL HORIZONTAL/HORIZONTAL, HORIZONTAL/VERTICAL AND VERTICAL/HORIZONTAL CHANGES IN DIRECTIONS.
4. SEE SECTION 13150 SPECIFICATIONS FOR ADDITIONAL SUPPORT REQUIREMENTS AND MATERIALS.
5. SEE PIPE SUPPORT TABLE ON DRAWINGS.

2 PIPE SUPPORT
NONE



THIS TABLE SPECIFIES THE MIN RECOMMENDED DIA OF THE BACKWASH HUB.

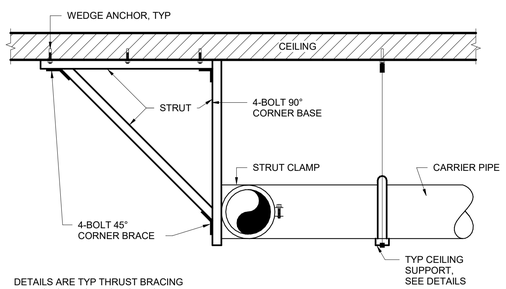
FILTER BACKWASH LINE SIZE	RECOMMENDED BACKWASH HUB SIZE
1"	4"
1.5"	4"
2"	6"
2.5"	6"
3"	8"
4"	10"
6"	12"
8"	16"
10"	20"
12"	24"

THE DRAIN LINE PIPE SIZE TO THE SANITARY OR STORM SEWER MUST BE DETERMINED BT THE CIVIL/MECHANICAL ENGINEER, BASED ON FLOW VELOCITY IN THE DRAIN PIPING.

PROVIDE ADEQUATE HEIGHT FOR BACKWASH HUB!

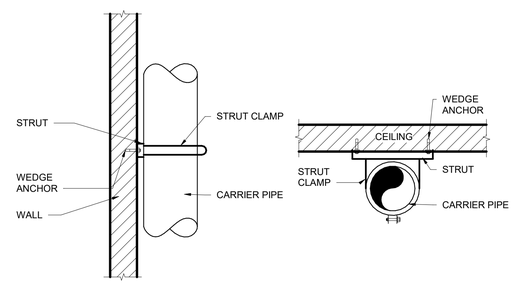
REFER TO PLUMBING DRAWINGS FOR DETAILS AND PIPE CONTINUATION.

9 BACKWASH AIR GAP
NONE



DETAILS ARE TYP THRUST BRACING METHODS, & NOT INCLUSIVE OF ALL SITE CONDITIONS. CONTRACTOR TO PROVIDE SHOP DRAWINGS OF BRACING METHODS FOR APPROVAL.

6 THRUST BRACING
NONE



WALL SUPPORT

CEILING SUPPORT

NOTES:
1. DETAILS ARE TYP SUPPORT METHODS AND NOT INCLUSIVE OF ALL SITE CONDITIONS.
2. ALL PIPING SHALL BE RIGIDLY SUPPORTED LATERALLY AND VERTICALLY. SUPPORT SYSTEM SHALL PROVIDE ZERO MOVEMENT IN PIPING DURING ALL OPERATING CONDITIONS.
3. PROVIDE THRUST RESTRAINT AT ALL HORIZONTAL/HORIZONTAL, HORIZONTAL/VERTICAL AND VERTICAL/HORIZONTAL CHANGES IN DIRECTIONS.
4. SEE SECTION 13150 SPECIFICATIONS FOR ADDITIONAL SUPPORT REQUIREMENTS AND MATERIALS.
5. SEE PIPE SUPPORT TABLE ON DRAWINGS.

3 PIPE SUPPORT
NONE

WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999
Copyright © 2015
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

TELLURIDE TOWN PARK
OUTDOOR FAMILY
RECREATION POOL
TELLURIDE, CO

TELLURIDE PARKS & REC

TOWN OF TELLURIDE

ISSUE DATE: 01 February, 2017
PROJECT NO: 16365
DRAWN BY: PDK
CHECKED BY: WRB

PL402
MECHANICAL DETAILS

POOL A - LEISURE PIPE SCHEDULE

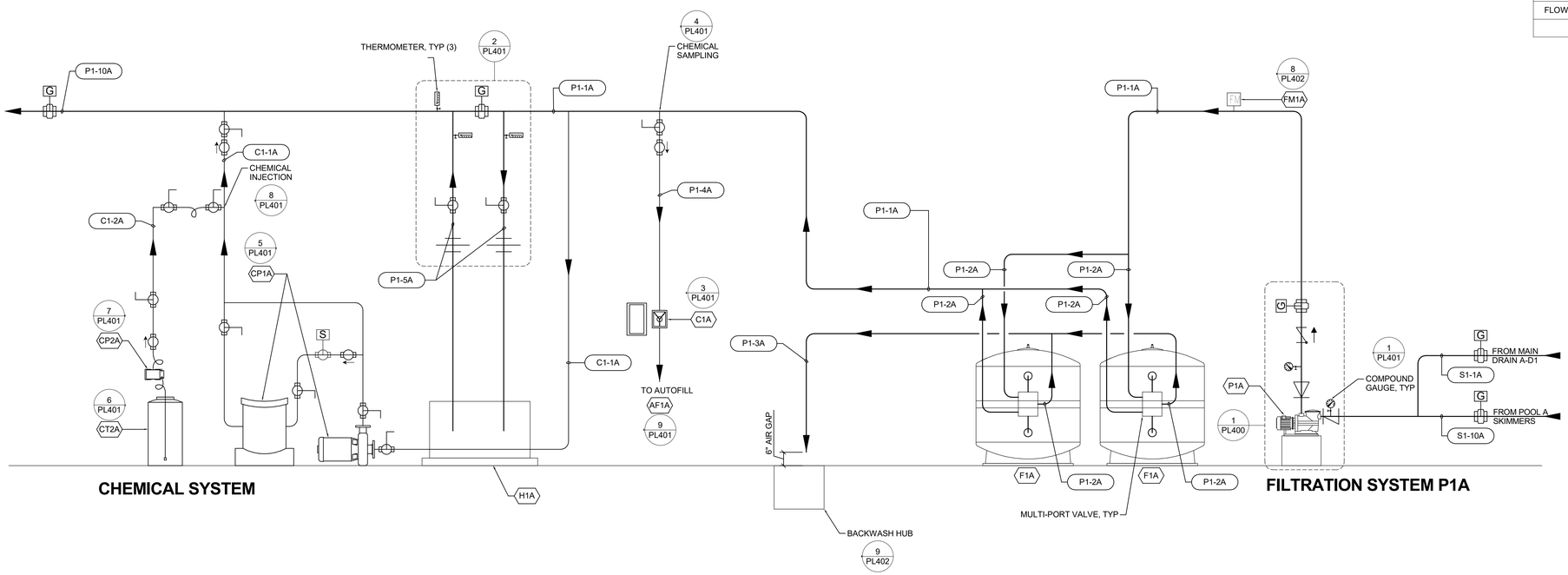
PIPE ID	TYPE	NPS	FLOW	VELOCITY	DESCRIPTION
		(in)	(gpm)	(fps)	
S1-1A	PVC SCH 40	6	299	3.4	FILTRATION PUMP SUCTION - MAIN DRAIN
S1-10A	PVC SCH 40	6	299	3.4	FILTRATION PUMP SUCTION - SKIMMER
P1-1A	PVC SCH 40	4	299	7.6	FILTRATION SUPPLY
P1-2A	PVC SCH 40	3	0	0.0	FILTER FACE PIPING
P1-3A	PVC SCH 40	3	177	7.8	FILTER BACKWASH
P1-4A	PVC SCH 40	0.75	10	6.3	CHEMICAL SAMPLING
P1-5A	SEE DETAIL	2.5	0	#N/A	HEATER LOOP
C1-1A	SEE DETAIL	1.5	0	-	CAL HYPO LOOP
C1-2A	SEE DETAIL	0.5	0	-	ACID INJECTION
P1-10A	PVC SCH 40	4	299	7.6	INLET SUPPLY
-	-	-	-	-	-
S2-1A	PVC SCH 40	6	275	3.1	ACTIVITY PUMP SUCTION
P2-1A	PVC SCH 40	4	275	7.0	ACTIVITY PUMP SUPPLY
P2-10A	PVC SCH 40	3	150	6.6	DECK SPRAY SUPPLY
P2-20A	PVC SCH 40	2.5	125	8.5	GEYSER SUPPLY
-	-	-	-	-	-
G-1A	PVC SCH 40	2	0	0.0	SENSOR
G-2A	PVC SCH 40	6	0	0.0	FILL HUB
G-3A	PVC SCH 40	3	0	0.0	FILL LINE
-	-	-	-	-	-
-	-	-	-	-	-

POOL MECHANICAL PIPING SCHEMATIC NOTES

1	SEE PL400 FOR EQUIPMENT LOCATIONS.
2	SUPPORT PIPES PER DETAILS PL402-1 THRU 7.
3	SEE DETAIL PL203-1 FOR REINFORCING AT PENETRATIONS.
4	ARROWS DENOTE DIRECTION OF FLOW.
5	NOTE: THE INTENT OF THIS SCHEMATIC IS NOT TO BE INCLUSIVE OF ALL VALVES OR FITTINGS REQUIRED FOR THIS PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE ALL VALVES AND FITTINGS REQUIRED.
6	THIS DRAWING IS FOR SCHEMATIC USE ONLY!

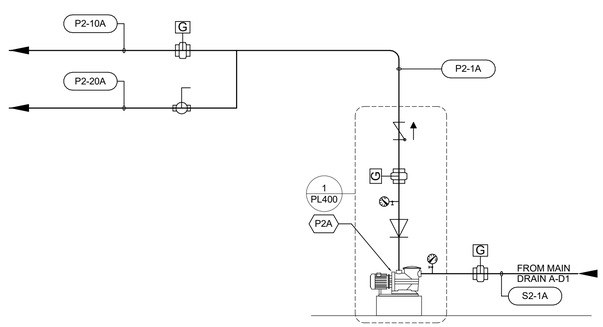
SYMBOL LEGEND

PUMP WITH INTEGRAL STRAINER	
COMPACT SAND FILTER	
POOL HEATER	
CHEMICAL CONTROLLER	
CHEMICAL FEED PUMP	
PULSAR CHLORINE FEEDER	
CHEMICAL STORAGE TANK	
GEAR OPERATED BUTTERFLY VALVE	
LEVER OPERATED BUTTERFLY VALVE	
PNEUMATIC BUTTERFLY VALVE	
TRUE UNION BALL VALVE	
TRUE UNION CHECK VALVE	
ELECTRONIC MODULATING VALVE	
SOLENOID VALVE	
CHECK VALVE	
WYE STRAINER	
CONCENTRIC REDUCER	
ECCENTRIC REDUCER	
FLANGED BREAK	
COMPOUND GAUGE	
THERMOMETER	
PRESSURE RELIEF VALVE	
FLOW SWITCH	FS
FLOW METER (SENSOR)	FM
FLOW METER DISPLAY (TRANSMITTER)	FD
FLOW METER POWER SOURCE	FP
SENSOR WELL	S



CHEMICAL SYSTEM

FILTRATION SYSTEM P1A



ACTIVITY SYSTEM P2A

1 POOL A - LEISURE POOL P&ID
NONE

WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999

Copyright © 2015
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

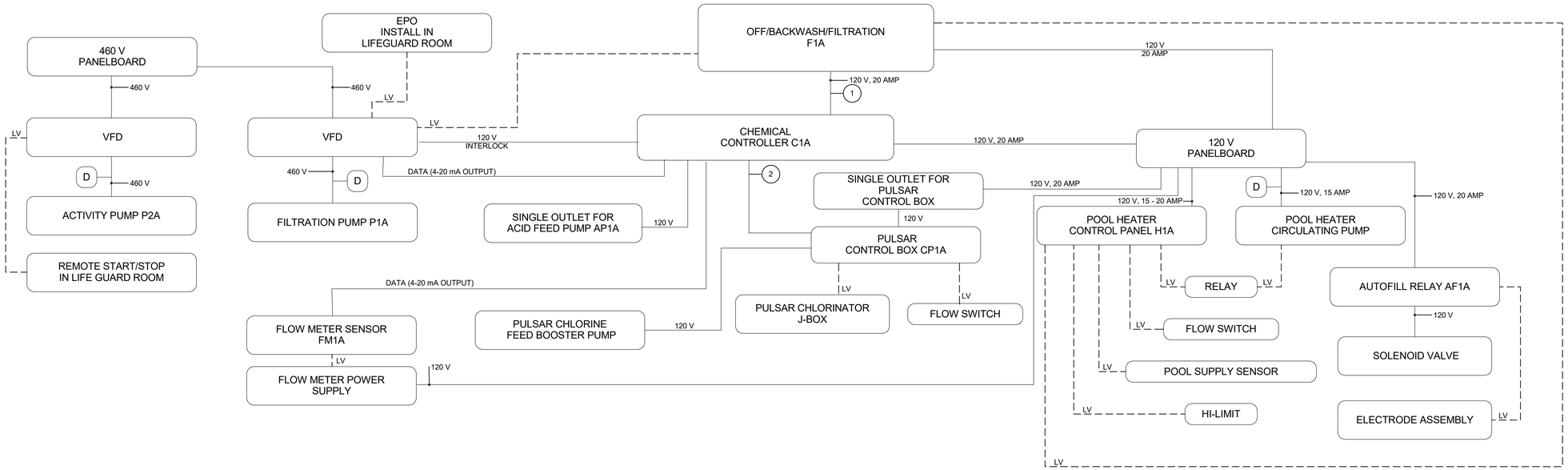
TELLURIDE TOWN PARK
OUTDOOR FAMILY
RECREATION POOL
TELLURIDE, CO

TELLURIDE PARKS & REC

TOWN OF TELLURIDE

ISSUE DATE: 01 February, 2017
PROJECT NO: 16365
DRAWN BY: PDK
CHECKED BY: WRB

PL510
POOL A - LEISURE POOL P&ID



SEQUENCE OF OPERATIONS - SWIMMING POOL WITH MANUAL BACKWASH SAND FILTER SYSTEM

FILTRATION PUMP MOTOR STARTER SELECTOR SWITCH ("OFF/BACKWASH/FILTRATION"):
- A THREE POSITION SELECTOR SWITCH SHALL BE PROVIDED FOR THE MOTOR STARTER/VFD WITH POSITIONS LABELED "OFF", "BACKWASH", AND "FILTRATION".

"FILTRATION" POSITION:
- PLACE THE SWITCH IN THE "FILTRATION" POSITION FOR THE NORMAL FILTRATION OPERATING MODE OF THE SYSTEM.
- WITH THE FILTRATION PUMP SELECTOR SWITCH IN THE "FILTRATION" POSITION, THE FILTRATION PUMP SHALL RUN AT DESIGN FLOW (FREQUENCY) AND THE CHEMICAL CONTROLLER SHALL BE CAPABLE OF ENERGIZING THE CHEMICAL FEED SYSTEM OUTLETS.
- THE ACTUAL FLOW INFORMATION SHALL BE PROVIDED TO THE VFD BY THE FM TRANSMITTER. THE VFD SHALL ADJUST FREQUENCY AS REQUIRED TO ACHIEVE SYSTEM DESIGN FLOW.
- THE CHEMICAL CONTROLLER SHALL BE WIRED TO THE CHEMICAL FEED OUTLETS AND SHALL ENERGIZE/DE-ENERGIZE THESE OUTLETS BASED UPON POOL WATER CHEMISTRY.
- THE ACID FEED PUMP IS POWERED ON/OFF BY THE CHEMICAL CONTROLLER PH FEED OUTLET.
- IF THE FILTRATION PUMP LOSES POWER WHILE IN THE "FILTRATION" MODE THE CHEMICAL CONTROLLER SHALL NOT BE CAPABLE OF ENERGIZING THE CHEMICAL FEED OUTLETS AND THE POOL HEATER SHALL BE INACTIVE.

"BACKWASH" POSITION:
- PLACE THE SWITCH IN THE "BACKWASH" POSITION WHEN BACKWASHING THE FILTERS.
- WITH THE FILTRATION PUMP SELECTOR SWITCH IN THE "BACKWASH" POSITION, THE FILTRATION PUMP SHALL RUN, BUT THE CHEMICAL CONTROLLER SHALL NOT BE CAPABLE OF ENERGIZING THE CHEMICAL FEED SYSTEM OUTLETS AND THE POOL HEATER SHALL BE INACTIVE.

"OFF" POSITION:
- PLACE THE SWITCH IN THE "OFF" POSITION TO TURN THE PUMP AND FILTRATION SYSTEM OFF.
- WITH THE FILTRATION PUMP SELECTOR SWITCH IN THE "OFF" POSITION, THE FILTRATION PUMP SHALL BE OFF AND THE CHEMICAL CONTROLLER SHALL NOT BE CAPABLE OF ENERGIZING THE CHEMICAL FEED SYSTEM OUTLETS AND THE POOL HEATER SHALL BE INACTIVE.

CHEMICAL CONTROLLER & CHEMICAL FEED OUTLETS:
- THE CHEMICAL CONTROLLER CPU SHALL BE POWERED AT ALL TIMES.
- THE CHEMICAL FEED OUTLETS SHALL BE INTERLOCKED SUCH THAT IF THE FILTRATION PUMP LOSES POWER WHILE IN THE "FILTRATION" MODE, THE IN-LINE FLOW SWITCH IS NOT MADE OR THE SELECTOR SWITCH IS IN THE OFF OR BACKWASH POSITIONS; THE FEED OUTLETS ARE INACTIVE.
- CHEMICAL CONTROLLER ENERGIZES / DE-ENERGIZES CHEMICAL FEED OUTLETS BASED UPON POOL WATER CHEMISTRY.

CHEMICAL FEED PUMPS
- THE CHEMICAL FEED PUMPS ARE ENERGIZED BY THE CHEMICAL FEED OUTLETS.

PULSAR CHLORINE FEEDER:
- THE PULSAR CONTROL BOX SHALL BE POWERED AT ALL TIMES.
- THE PULSAR FLOW SWITCH IS USED TO PROVE FLOW TO THE PULSAR CONTROL BOX. IF NO FLOW IS DETECTED, THE CHLORINATOR AND PULSAR CHLORINE FEED BOOSTER PUMP WILL BE DEACTIVATED.
- THE FILTRATION PUMP AND PULSAR CHLORINE FEED BOOSTER PUMP SHALL BE INTERLOCKED SUCH THAT IF THE FILTRATION PUMP IS NOT RUNNING, THE PULSAR CHLORINE FEED BOOSTER PUMP SHALL BE DEACTIVATED .
- THE PULSAR CONTROL BOX RECEIVES FEED/NO FEED SIGNALS FROM THE CHEMICAL CONTROLLER BASED ON POOL WATER CHEMISTRY.

POOL HEATER:
- THE POOL HEATER SHALL BE INTERLOCKED SUCH THAT IF THE FILTRATION PUMP LOSES POWER WHILE IN THE FILTRATION MODE OR IF THE SELECTOR SWITCH IS IN THE OFF OR BACKWASH POSITIONS; THE HEATER IS INACTIVE.
- THE POOL HEATER CIRCULATING PUMP IS CONTROLLED BY THE POOL HEATER CONTROLLER.
- POOL HEATER CYCLES ON AND OFF AS NEEDED BASED UPON POOL WATER TEMPERATURE.
- POOL HEATER IS INTERLOCKED WITH MANUFACTURER SUPPLIED FLOW SWITCH AND HI-LIMIT TEMP SENSORS.

FLOW METER:
- WHEN FLOW METER POWER SUPPLY IS ENERGIZED, THE FLOW METER SENSOR / TRANSMITTER SHALL PROVIDE THE FLOW READOUT IN GPM.
- THE FLOW METER SHALL PROVIDE FLOW DATA TO THE INDICATED VFD/MOTOR STARTER.

NOTES:
1. LOW VOLTAGE <=24V. ALL LOW VOLTAGE WIRING IS SUPPLIED, INSTALLED AND CONNECTED BY THE POOL CONTRACTOR.
2. IF CONDUIT IS REQUIRED BY CODE FOR LOW VOLTAGE WIRING, THEN THIS MUST BE SPECIFIED BY THE ELECTRICAL CONSULTANT AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
3. IF CODE REQUIRES THAT LOW VOLTAGE WIRING IS INSTALLED BY A LICENSED ELECTRICAL CONTRACTOR THEN THIS MUST BE SPECIFIED BY THE ELECTRICAL CONSULTANT.
4. CONDUIT, WIRE SIZES, AND SHIELDING REQUIREMENTS SHALL BE DETERMINED & SPECIFIED BY THE ELECTRICAL CONSULTANT AS NEEDED PER LOCAL BUILDING AND ELECTRICAL CODE REQUIREMENTS.

KEYNOTES: #

1. POWER FOR THE CHEMICAL FEEDERS . WHEN FILTER SELECTOR SWITCH POSITION IS OFF, BACKWASH, OR THE FILTRATION PUMP LOSES POWER WHILE IN FILTRATION MODE, THIS CONNECTION SHALL INACTIVE CHEMICAL FEED TO THE SYSTEM.
2. ORP OUTPUT FROM CHEMICAL CONTROLLER. EXTENSION CABLE NOT PROVIDED BY EQUIPMENT SUPPLIER.
3. WHEN FILTER SELECTOR SWITCH POSITION IS OFF, BACKWASH MODE OR THE FILTRATION PUMP LOSES POWER WHILE IN FILTRATION MODE, THIS CONNECTION SHALL INACTIVE PULSAR CHLORINE FEED BOOSTER PUMP.

LEGEND:

- - - - - LOW VOLTAGE

——— LINE VOLTAGE

——— DATA - CONTRACTOR TO COORDINATE WITH EQUIPMENT REQUIREMENTS

(D) DISCONNECT - LOCATE AT EQUIPMENT PER CODE REQUIREMENTS

NOTE:
THIS SCHEMATIC DRAWING IS NOT AN ELECTRICAL INSTALLATION DIAGRAM AND IS FOR REFERENCE ONLY. IT IS THE RESPONSIBILITY OF THE POOL CONTRACTOR TO COORDINATE ALL INTERLOCKS WITH THE ELECTRICAL CONTRACTOR. THE POOL CONTRACTOR IS RESPONSIBLE TO PROVIDE AN OPERATING SYSTEM PER THE SEQUENCE OF OPERATIONS.

FILTRATION SELECTOR SWITCH POSITION	FILTRATION PUMP	CHEMICAL CONTROLLER	CHLORINE FEED	ACID FEED	HEATER
OFF	O	X	O	O	O
BACKWASH	X	X	O	O	O
FILTRATION	X	X	X	X	X

"X" INDICATES THE EQUIPMENT IS ENERGIZED/RUNNING.
"O" INDICATES THE EQUIPMENT IS NOT ENERGIZED.

1 POOL A - LEISURE POOL ELECTRICAL SCHEMATIC
NONE

WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999
Copyright © 2015
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

TELLURIDE TOWN PARK
OUTDOOR FAMILY
RECREATION POOL
TELLURIDE, CO

TELLURIDE PARKS & REC

TOWN OF TELLURIDE

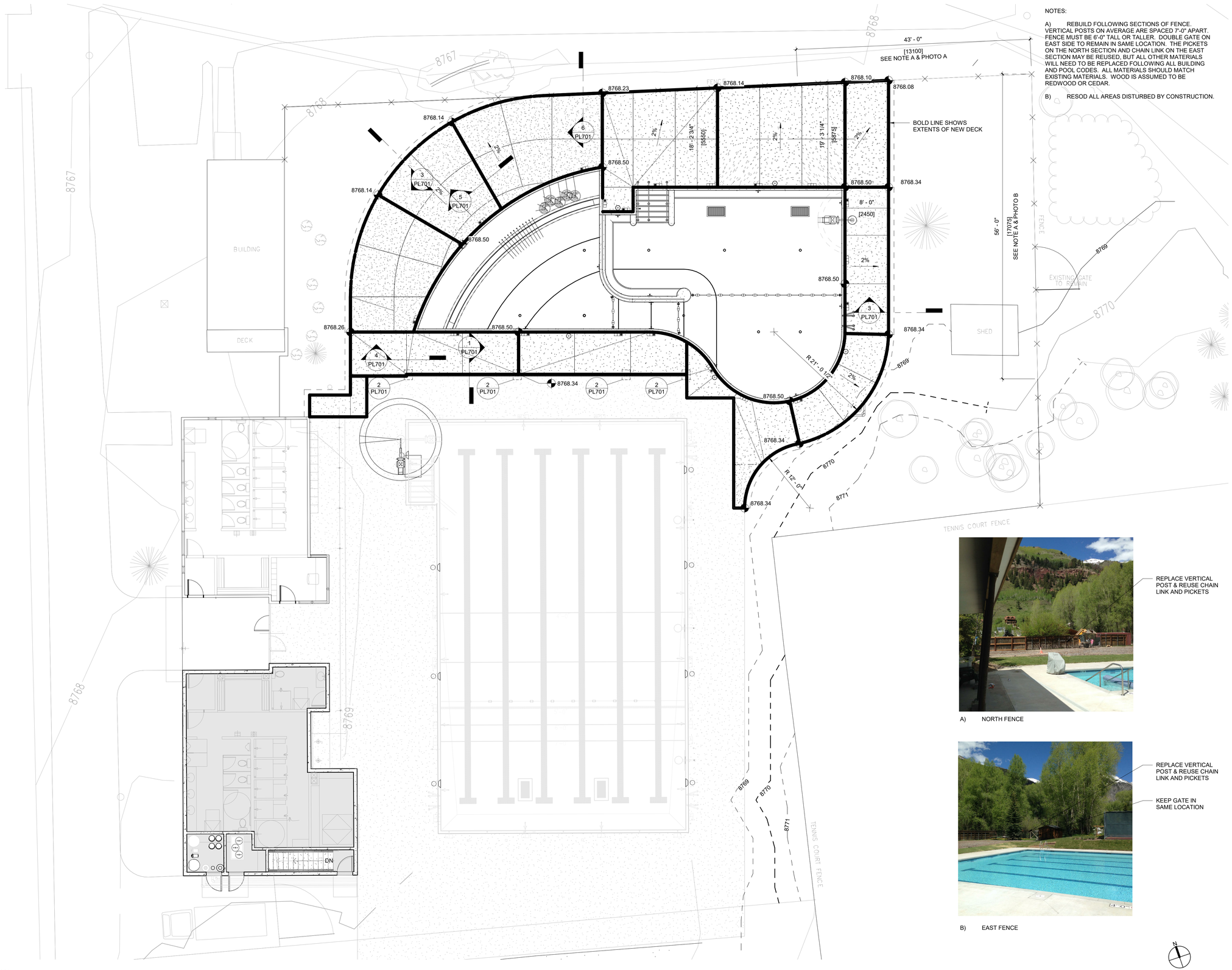
ISSUE DATE: 01 February, 2017
PROJECT NO: 16365
DRAWN BY: PDK
CHECKED BY: WRB

PL511
POOL A - LEISURE POOL ELECTRICAL SCHEMATIC

NOTES:

A) REBUILD FOLLOWING SECTIONS OF FENCE. VERTICAL POSTS ON AVERAGE ARE SPACED 7'-0" APART. FENCE MUST BE 6'-0" TALL OR TALLER. DOUBLE GATE ON EAST SIDE TO REMAIN IN SAME LOCATION. THE PICKETS ON THE NORTH SECTION AND CHAIN LINK ON THE EAST SECTION MAY BE REUSED, BUT ALL OTHER MATERIALS WILL NEED TO BE REPLACED FOLLOWING ALL BUILDING AND POOL CODES. ALL MATERIALS SHOULD MATCH EXISTING MATERIALS. WOOD IS ASSUMED TO BE REDWOOD OR CEDAR.

B) RESOD ALL AREAS DISTURBED BY CONSTRUCTION.



REPLACE VERTICAL POST & REUSE CHAIN LINK AND PICKETS

A) NORTH FENCE

REPLACE VERTICAL POST & REUSE CHAIN LINK AND PICKETS

KEEP GATE IN SAME LOCATION

B) EAST FENCE

1 OVERALL DECK PLAN
1/8" = 1'-0"

WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999

Copyright © 2015

This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

TELLURIDE TOWN PARK OUTDOOR FAMILY RECREATION POOL

TELLURIDE, CO

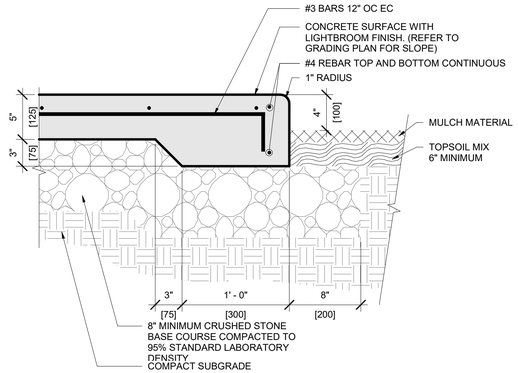
TELLURIDE PARKS & REC

TOWN OF TELLURIDE

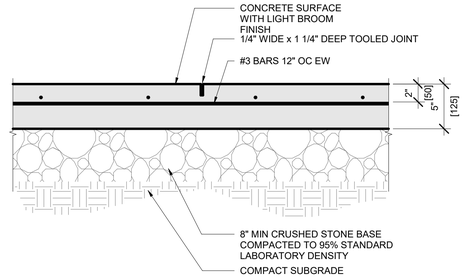
ISSUE DATE:	01 February, 2017
PROJECT NO:	16365
DRAWN BY:	BT
CHECKED BY:	WRB

PL700

OVERALL DECK PLAN

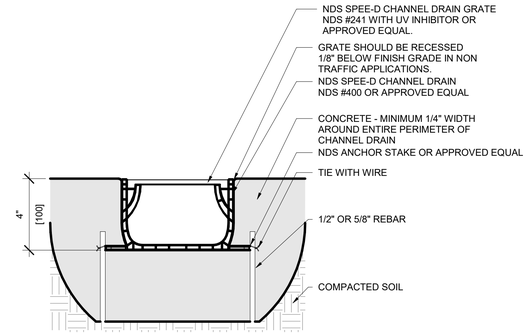


7 DECK AT LANDSCAPE
1 1/2" = 1'-0"

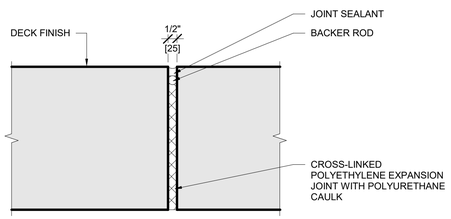


NOTE:
CONTRACTOR TO PROVIDE SAMPLE OF FINISH FOR OWNERS APPROVAL

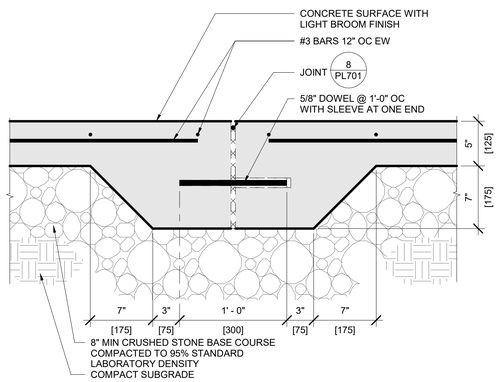
4 DECK CONTROL JOINT
1 1/2" = 1'-0"



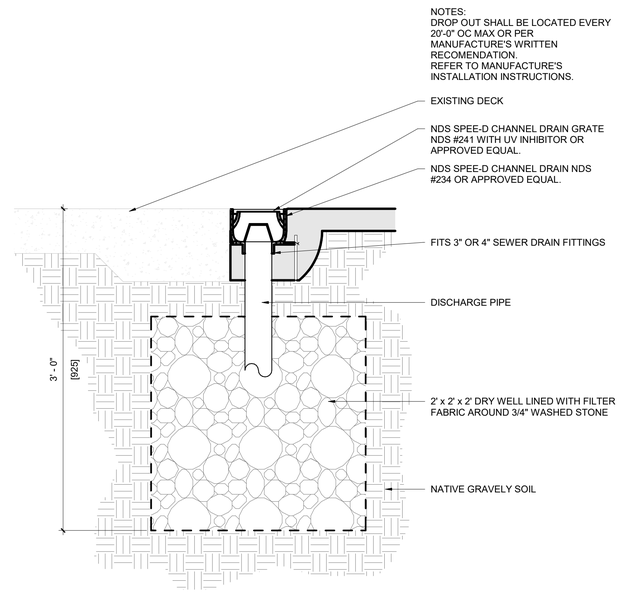
1 SPEE-D CHANNEL DROP OUT
3" = 1'-0"



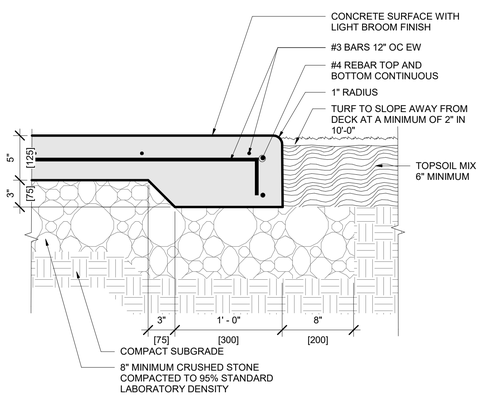
8 DECK AT JOINT
3" = 1'-0"



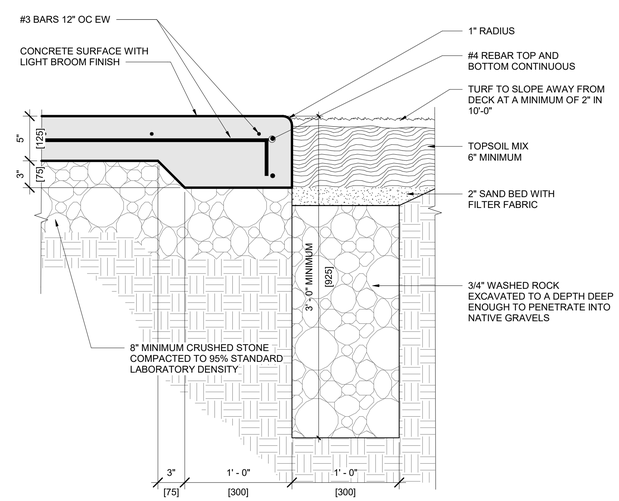
5 DECK EXPANSION JOINT
1 1/2" = 1'-0"



2 SPEE-D CHANNEL DROP OUT
1 1/2" = 1'-0"



6 DECKAT TURF EDGE
1 1/2" = 1'-0"



3 DECK AT TURF EDGE
1 1/2" = 1'-0"

WTI
WATER TECHNOLOGY INC.
World Leaders in Aquatic Planning, Design and Engineering
100 Park Avenue | Beaver Dam, WI 53916
t 920.887.7375 | f 920.887.7999
Copyright © 2015
This Document and the ideas, renderings and other contents contained therein are the sole property of Water Technology, Inc. and may not be disseminated, copied, reproduced or otherwise used without prior written consent of Water Technology, Inc.

TELLURIDE TOWN PARK OUTDOOR FAMILY RECREATION POOL
TELLURIDE, CO

TELLURIDE PARKS & REC

TOWN OF TELLURIDE

ISSUE DATE:	01 February, 2017
PROJECT NO:	16365
DRAWN BY:	BT
CHECKED BY:	WRB

PL701
DECK DETAILS

Town of Telluride, Colorado
Construction Mitigation Plan Manual

Effective
September 30, 2008

Revised June 2015

(Section Revised 4.2 Noise and new Section 4.4 Cranes 6/15)

Revised August 2, 2022

(New Sections 1.3 Notice and Section 4.3 Holidays with resulting renumbering; Sections Revised 5.1 Parking Management Form and Attachment A; and New Attachment B)

1. GENERAL

1.1. PURPOSE

The purpose of the Town of Telluride Construction Mitigation Plan Manual ("Manual") is to ensure that the adverse affects of certain types of construction on surrounding properties and the town as a whole are mitigated.

1.2. APPLICABILITY

This manual shall govern the construction and development of all public and private projects in the Town of Telluride which disturb 500 square feet of property or greater or require demolition, improvement, or renovation (interior and/or exterior) of 400 square feet or greater within any twelve-month period.

1.3 NOTICE

At the time of building permit issuance for any new construction or additions that disturb 500 square feet or greater, notice of construction activity shall include posting of a sign on the site that includes the information shown in Attachment B. A sign with dimensions of 24 inches (24") by 36 inches (36") shall be prominently displayed on the site and readable from the public road. If the parcel is located on an alley, a second sign shall also be posted and readable from the alley. Signs shall be in place while the project building permit is active.

1.4 DEFINITIONS AND TERMS

Best Management Practices (BMP's) shall mean schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce noise, air, and water pollution. BMP's also include treatment requirements, operating procedures, and practices to control site runoff, spillage or leaks, waste disposal, or drainage from material storage.

Construction Impact(s) shall include excessive noise, excessive dust, any windblown trash, and excessive fugitive dirt, mud, aggregate, or concrete from clean out.

Construction Management Plan or Plan shall mean a Construction Management Plan is a combination of diagrams, documents, drawings, and specifications that clearly define the steps that will be taken to

demonstrate how the impacts to the community will be minimized, managed or mitigated.

Construction Mitigation Officer shall mean an employee of the Town of Telluride who is charged is to ensure that the requirements of the Telluride Municipal Code ("Municipal Code") or Land Use Code are followed, including but not limited to the Construction Mitigation Plan requirements as established under Chapter 15, Article 11 of the Municipal Code.

Disturbance Area shall mean a portion of land where topsoil or native soils have been removed for purposes of construction (development).

Drainage plan shall mean a plan contained within the Construction Mitigation Plan that identifies, addresses and mitigates on-site and off-site impacts, changes and modification to historic drainage and seepage patterns caused by the project or any construction activity, including staging activity.

Final Stabilization shall mean that uniform vegetative cover has been established with a density of at least 70 percent of pre-disturbed levels.

Homeowner-Builder Construction Project shall mean a construction project that is being conducted solely by the property owner who lives on the same property on which the construction is occurring, with the homeowner-builder completing a vast majority of the required work rather than by hired subcontractors or contractors.

Off-site staging area shall mean any staging area not on the same lot, parcel or property as the project.

Staging area shall mean any area from which a project is staged or from which a project is partially staged and shall include on-site staging areas and off-site staging areas.

Tree Dripline and Protection Zone shall be defined as the longest branch of the tree as a radius from the center of the tree and make a circle. The circle is then defined as the dripline and thus is the tree protection zone.

Trash or construction debris shall mean any and all trash, refuse, junk, solid waste, recyclable materials, construction materials not used in the project, or other debris, which is produced during the construction of the project, including preparation for construction and cleanup after completion of construction.

Wetlands shall be as defined by the Telluride Land Use Code

1.5 VARIANCES

The Building Official, in consultation with the Planning and Public Works departments, may permit variances from these regulations provided the construction project will implement other best management practices that will minimize, manage or mitigate construction impacts at the same level as those set forth herein. An applicant seeking a variance shall submit a variance request concurrent with the submission of the required Plan and associated documents. Such application will include a narrative that explains how the alternative best management practice will minimize, manage or mitigate construction impacts at the same level or better than the required practices set forth herein.

1.6 CONSTRUCTION MITIGATION PLAN REVIEW PROCESS

The Plan shall be submitted to the Building Department and referred by the Building Official to the Planning Department and Public Works Department. The applicant shall revise the plan to address specific Town of Telluride concerns and approval of the Plan shall be completed prior to issuance of a building permit, or prior to commencement of construction or development, as applicable.

2. PROJECT CONSTRUCTION MITIGATION PLAN

2.1. SITE PLAN

The applicant shall submit a site plan for the project site and any off-site construction staging areas that clearly illustrate the following: fencing, dumpster(s), portable toilet(s), construction trailer(s), materials storage (laydown), concrete washout, and recycling container. This site plan shall also illustrate other required construction management or mitigation measures as provided for in this Manual. Such site plan(s) shall be drawn to scale.

2.2. DISTURBANCE AREA

Soil disturbance shall be kept to a minimum. Construction staging and phasing shall occur, where applicable, to minimize soil disturbance time.

2.3. DESCRIPTION

The Plan shall include an overview of the construction project including background information, proposed development type (i.e., residential, commercial, …) and general information.

3. PROJECT DOCUMENTATION

3.1. PERMITS

The contractor shall maintain all applicable local, state and federal licenses and permits that apply to the construction project.

3.2. PROJECT CONTACTS

The Plan (on File at the Town of Telluride Building Department) shall have a contact list which includes the owner and the general contractor and the appointed overall site supervisor, along with the associated phone numbers. The "overall site supervisor" should be available whenever work is taking place at the site or the site should be provided with appropriate signage indicating how to contact the "overall site supervisor" via phone.

4. PROJECT IMPLEMENTATION

4.1. DATES OF CONSTRUCTION

Any work being performed within Telluride rights-of-way shall be completed in accordance with the Town of Telluride Right of Way permit requirements on dates listed on said permits.

4.2. CONSTRUCTION NOISE AND HOURS OF CONSTRUCTION

All construction or development shall comply with the noise requirements of Section 7-2-20 of the Municipal Code, a copy of which is attached hereto as Exhibit A. A general summary of those hours are listed here.

Section 7-2-20. "Noise" (b)
Contractor Construction Hours
(see code Sections for private homeowner exceptions)

*Regular Construction *Section 7-2-20 (b) (8)*
Mon – Fri 7:00 am - 6:00 pm
Sat & Sun 9:00 am - 6:00 pm

*Heavy Equipment & Chainsaws *Sections (b) (9), (11)*
(examples: crane, front-end loader, backhoe, trackhoe, dump truck , excavator or other heavy equipment)

Mon – Fri 8:00 am - 6:00 pm
Sat 9:00 am - 6:00 pm
Sunday Prohibited

*Loud Equipment or Tools *Section 7-2-20 (b) (10)*
(examples: pile drivers, compacter, ram sets, compressors, nail guns, power saws, pneumatic tools, jack hammer, palm nailer, etc)

Mon – Fri 9:00 am - 6:00 pm
Sat 10:00 am - 6:00 pm
Sunday Prohibited

4.3 HOLIDAYS

For purposes of this Section only, “holiday” shall mean Martin Luther King, Jr. Eve, Valentine’s Day, Presidents’ Day Eve, St. Patrick’s Day, Cinco de Mayo, Memorial Day Eve, Juneteenth, Independence Day, Labor Day Eve, Halloween, Día de los Muertos, Veterans Day Eve, Thanksgiving, and New Year’s Eve.

4.4 ADJOINING PROPERTIES

No person shall excavate in close proximity to a property line so as to endanger any adjacent public street, sidewalk, and alley, other public or private property, or easement, without supporting and protecting the property from any damage that might result from construction operations. Where soil nailing or other structural support are proposed onto an adjoining property as a means of structural support, a legal agreement with the affected property owner that allows for the proposed soil nailing or other structural support shall be provided to the Town for review and approval prior to commencement of such proposed activity.

4.5 CRANES.

The CMP will include information regarding duration and use of a crane. Transportation of a crane into and out of a site must be discussed with the town especially should transportation occur over existing town bridges so that load and capacity can be identified and mitigated if problematic. Cranes are typically discouraged; however, the town understands there could be site constraints or construction timelines that warrant use. The property owner must indemnify and add as additional insured adjoining properties should the crane boom swing over adjacent properties. Recommended insurance limits $1,000,000 single and $2,000,000 aggregate. The town also needs demonstration of agreement between property owners when a crane is in use and a crane boom swings over adjacent properties. Safety and proper use of a crane must be adhered to in all instances, especially during extreme weather events such as high winds.

4.6 PROJECT FENCING

All construction areas shall have a non-removable construction fence or other approved device securely placed around the areas to be protected. The fence shall be six feet (6') in height and constructed out of chain-link with mesh windscreens (visual barriers) or a fencing plan presented to and approved by the Building Official. Decorative construction fence

("wood boarding") may be allowed at the discretion of the Building Official.

4.7 NATURAL ENVIRONMENT

All tree, wetland and natural resource protection measures shall be identified in the Plan and in place prior to commencement of any construction or demolition activities. Refer to Section 9-12-180 of the Municipal Code, "Cutting, Removal and Relocation of Trees" for tree protection and removal requirements and process. Please refer to the Wetland Regulations of the Land Use Code contained in Article 3, Division 8. Other natural resource protection measures are provided for in the Land Use Code.

All trees to be saved as shown on the Town-approved plans shall be protected by a minimum four foot high, Town-approved fence placed at the tree dripline. All construction, utility, and staging for the project shall remain outside of this fenced drip line. Tree protection fencing shall be maintained in working condition throughout project construction until final landscaping. The Plan required site plan shall show the exact tree protection fence location, fence height and staking.

5. PARKING MANAGEMENT, EMERGENCY ACCESS AND STAGING AREAS

5.1. PARKING MANAGEMENT FORM

A parking plan must be submitted as part of the CMP (Plan) with proposed locations for parking of construction vehicles. The Building Department may issue temporary parking passes for projects that are subject to a Construction Mitigation Plan as per Section 1.2 in accordance with Town-adopted parking policies. These temporary parking passes are limited to six for a three-month period, at $50 for the first pass, $100 for the second pass and $150 for each additional pass. Each pass must be associated with a duly issued and current Town Business License and are renewable as long as the project Building Permit is active. The Parking Pass is not effective outside the hours of construction as per Section 4.2. Additionally, construction parking pursuant to a parking plan shall not be designated on right-of-way determined to be unsuitable because of insufficient road surface width or capacity; or where additional construction parking would adversely impact the neighborhood due to previously approved parking plans in the vicinity. Parking passes shall be approved on a case-by-case basis only after the parking plan has been reviewed and approved by the Building and Planning Department.

5.2. EMERGENCY VEHICLE ACCESS

The contractor shall maintain continuous emergency vehicle access, on and around site, including but not limited to police, fire, and ambulance services. This emergency access includes projects adjacent to roads and alleys.

5.3. STAGING AREAS

The Plan shall specify construction staging area locations. The Town of Telluride Building Official and Public Works Director can request information and limit project staging locations, number of trucks per (soil hauling and materials transport) day, trucking routes, and duration of operations depending on project location and site surroundings. Right-of-Way encroachments for construction staging may be permitted by the Town as a last resort in all cases. In the case where a ROW encroachment is requested, a permit must be obtained from the Public Works Department no less than 3 working days before the obstruction is anticipated.

5.4. CONSTRUCTION TRAILER, MATERIALS STORAGE, AND WASTE MANAGEMENT

5.4.1. As specified in Section 2.1, construction trailer, job materials storage, portable restrooms, waste management and recycling container locations shall be clearly designated on the project site plan and may with the stage of the project. Loose job material storage is not allowed in under any circumstances.

5.4.2. Job trailers, waste management containers (all must be tarped), and portable restrooms and other similar construction facilities shall be located on private property to the extent practical, and not within a Town right-of-way. Right-of-Way encroachments may be permitted by the Town as a last resort in all cases. In the case where a ROW encroachment is requested, a permit must be obtained from the Public Works Department no less than 3 working days before the obstruction is anticipated. Per municipal code, any dumpster or other trash receptacle that is used for food refuse must be constructed in such a manner as to render it bear proof. There shall be a Town of Telluride authorized bear proof container on site at all times. All containers shall be adequately covered (tarp) at all times until transferred to the landfill. The Telluride Municipal Code states it shall be unlawful to permit accumulated debris, litter, or trash on any construction site to blow or scatter onto adjoining properties per Municipal Code, Article 10, “Construction Mitigation Plan”, Section 15-10-10.

6. TRAFFIC CONTROL

6.1. HAUL ROUTES

The Town of Telluride may designate specific project haul roads that a project must use to transport materials. The project must follow the designated routes. Project haul routes shall be oriented to minimize traffic congestion, minimize road damage and maximize pedestrian safety.

6.2. TRAFFIC CONTROL FOR DELIVERIES AND OTHER CONSTRUCTION ACTIVITY

Traffic control required for deliveries or other construction activities in a right-of-way must be fully coordinated with the Public Works Department. Roads will not be closed under any circumstances, unless granted permission from the Public Works Department.

6.3. VEHICLE IDLING

Prolonged idling of motor vehicles associated with construction activity or delivery shall be in accordance with Section 10-08-20 of the Municipal Code. Per this section of the Municipal Code, vehicles are not allowed to idle for more than three minutes for starting a cold engine in winter, and idling longer than 30 seconds is considered prolonged and unreasonable unless a motor is necessary for a function for which the vehicle is designed (other than transport), such as mixing cement, grading, excavating, craning, pneumatics, etc. The general contractor must include an idling policy in the Plan that meets the Town's idling requirements contained in Section 10-08-20 of the Municipal Code.

6.4. TOWN SPEED LIMITS

All motor vehicles services a project are required to follow the Town's 15 mile per hour speed limit. The general contractor must include a driving policy in the Plan that references the Town's speed limit requirements …

6.5. TRAFFIC CONTROL PLAN

A Traffic Control Plan ("TCP") may be required as part of the Construction Management Plan if necessary; to be determined by Public Works Department.

7. PEDESTRIAN PROTECTION

The Plan shall comply with pedestrian safety per the MUTCD (Manual of Uniform Traffic Control for Streets and Highways) Chapter 6D, the Americans with Disability Act and IBC Chapter 33. Public sidewalks, walkways, and trails must remain open to pedestrians or an alternative pedestrian travel way must be approved.

8. SEDIMENT AND EROSION CONTROL

8.1. REQUIREMENTS

8.1.1. For sites that are one **(1) acre or larger**, a Storm Water Pollution Prevention Plan ("SWPPP") shall be completed along with the Plan. The SWPPP shall be designed in accordance with the Colorado Department of Public Health and Environment Water Quality Control Division General Permit Part IB. The main objective of the SWPPP shall be to identify Best Management Practices that will minimize erosion and sediment transport. In addition to the Colorado Discharge Service Permit (the program) requirements, the following requirements shall apply:

8.1.1.1. Stock piles must be protected with erosion control devices.

8.1.1.2. Mud tracking ramps (rock construction entrances or an equivalent) are required and implemented per the most current version of the Colorado Department of Transportation M&S construction standards. If there is no space on the site for a ramp, daily street sweeping procedures shall be implemented.

8.1.1.3. Town inlets, gutters, swales and ditches shall be protected with erosion control devices and such projection maintained for the duration of the project.

8.1.1.4. A description of procedures used to protect and maintain in good and effective operating condition the erosion/sediment control measures until final stabilization is required.

9. FUGITIVE DUST CONTROL

A construction shall use best management practices to minimize dust emissions from a site to the extent practicable. Dust generated from all sites shall minimized by the use of appropriate best management practices, such as but not limited to covering soil stockpile areas, watering down soil storage areas or disturbed areas, or completely sealing off a building

undergoing interior or exterior demolition that raises dust. All concrete or stone/masonry cutting shall use water to eliminate dust.

10. NOISE SUPRESSION

All construction equipment shall be adequately muffled and maintained to minimize project noise. The installation of noise barriers is the minimum technique to suppress noise, especially when jack hammering of concrete occurs.

11. AGREEMENT REQUIRED

The general contractor or person responsible for the construction or development activity shall sign an agreement with the Town that documents the key requirements of the Plan, this Manual or the Municipal Code. The form and content of such agreement shall be provided by the Town to the applicant for its signature, and such signature shall be obtained only after all conditions and requirements have been read, and prior to the commencement of any construction activity.

12. ENFORCEMENT AND PENALTIES

Enforcement of the requirements of this Manual shall be conducted by the Planning and Building Department, Public Works Department and the Town Marshall. A violation of any of the provisions of the Manual shall constitute a misdemeanor, punishable upon conviction by penalty as set forth in Paragraph 1-4-10(a)(1) of the Telluride Municipal Code for each separate offense. A separate offense shall be deemed committed on each day or portion thereof that the violation of any of the provisions of the Manual occurs or continues unabated after the time limit set for abatement of the violation.

Attachment A
Building Permit # _____

Agreement

Contact Info: please print

General Contractor and/or
Overall Site Supervisor: _____
Company: _____
Property Owner: _____
Property Address: _____
Business Phone # _____
Cell phone# _____

I attest that I have read and agree to comply as required with all the provisions of the Construction Mitigation Plan Manual and understand that a Construction Mitigation Plan along with any variance request must be submitted to the Building Department and approved by the Planning and Public Works Departments prior to the issuance of a building permit:

x _____
Signature Date

Attachment B

ACTIVE CONSTRUCTION

BUILDING PERMIT NUMBER: _____

ADDRESS: _____

PROJECT: **Type of Construction** (_____ sq.ft.)

OWNER: _____

CONTRACTOR: _____

CONTACT: _____, Superintendent 970-728-xxxx

EMERGENCY CONTACT: _____ 970-728-xxxx

WEBSITE CONTACT: URL or email address

_____Elevation – New Construction

***PARKING, ACCESS, AND STAGING PLANS:**

Proposed Location of Vehicle Parking

Proposed Staging Area Locations

Proposed Location of Construction Trailers

*as required by Construction Mitigation Plan Manual Effective Sept. 30, 2008, Revised June 2015, and August 2, 2022

HOURS OF CONSTRUCTION

****Regular Construction:***

Mon – Fri 7:00 am - 6:00 pm

Sat & Sun 9:00 am - 6:00 pm

****Heavy Equipment & Chainsaws:***

Mon – Fri 8:00 am - 6:00 pm

Sat 9:00 am - 6:00 pm

Sunday Prohibited

****Loud Equipment or Tools:***

Mon – Fri 9:00 am - 6:00 pm

Sat 10:00 am - 6:00 pm

Sunday Prohibited

*Section 7-2-20 Noise -Town of Telluride Municipal Code (not including any exceptions)

TOWN OF TELLURIDE
NOISE
ORDINANCE AMENDMENT

CONSTRUCTION WORK HOURS:
Monday-Friday: 8:00 am to 6:00 pm
Saturday: 9:00 am and 6:00 pm
Prohibited on Sundays

EXCEPTIONS

Homeowners: may perform construction on his or her primary home or property ONLY without the assistance of a general contractor or subcontractor.

Urgent Necessity: In the interest of public health and safety, a permit to exceed the limits must be issued by either the Public Works Director or the Building Official.

Transporting: of heavy equipment on roadways is permitted one-half (1/2) hour prior to earliest hour of operation.

Snow Removal: Private or public use of manual, mechanical, or electrical snow removal equipment designed to remove snow or ice is permitted at any time.

The Town Manager may grant a permit to exceed time if the permit is for the community's cultural, historical, or social benefit.

TOWN OF TELLURIDE