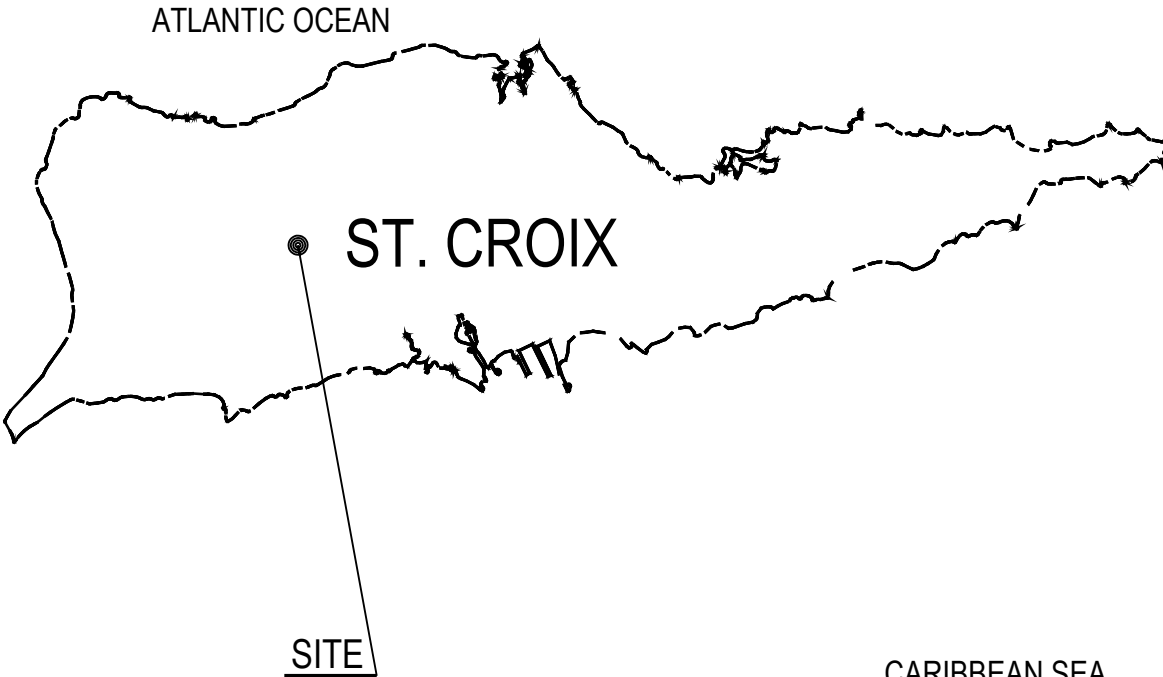


ABBREVIATIONS

Acoustic	ACST or ACOUST	Rough	RGH
Above finished floor	AFF	Schedule	SCH
Aluminum	AL or ALUM	Section	SECT
Architect	ARCH	Stainless steel	S ST
Average	AVG	Standard	STD
Beam	BM	Steel	ST or STL
Board	BRD	Structural	STRL
Brace	BR	Suspended	SUSP
Bronze	BRZ	System	SYS
Building	BLDG	Telephone	TEL
Cabinet	CAB	Temperature	TEMP
Ceiling	CLG	Tongue and groove	T&G
Center line	CL	Tread	TR
Cerimeter	CM	Typical	TYP
Ceramic	CER	Unfinished	UNF
Clear	CLR	Urinal	UR
Cold Water	CW	Vent through roof	VTR
Column	COL	Verify in the field	VIF
Concrete	CONC	Vertical	VERT
Concrete Masonry Unit	CMU	Vinyl tile	VTILE or V.T.
Construction	CONST	Wainscot	WCT
Continuous	CONT	Water closet	WC
Contractor	CONTR	Water proof	WP or WTRPRF
Demolition	DEMO	Weight	WT
Detail	DET	Width	W
Diameter	DIA	With	W/
Dimension	DIM	Without	WO
Door	DR	Wood	WD
Down	DN	Wrought iron	WI
Drawing	DWG		
Drinking fountain	DF		
Each	EA or Ea		
Electric	ELEC		
Electric water	EWC		
Equal	EQL or EQ		
Equipment	EQUIP		
Estimate	EST		
Existing	EXIST		
Exterior	EXT		
Fabricate	FAB		
Feet	FT.		
Finish	FIN		
Finished	FIND		
Fireproof	FP		
Floor	FL		
Fluorescent	FLUOR		
Full size	FS		
Furnished	FURN		
Gauge	GA		
General	GEN		
Glass	GL		
Floor Drain	F.D.		
Gypsum board	GYPBD		
Hardware	HDW		
Hardwood	HDWD		
Height	HT or HGT		
Hollow core	HC		
Horizontal Inch	HOR or HORIZ		
Hot water Insulation	HW		
Interior	INT		
Junction box	J-BOX ORJB		
Lavatory	LAV		
Light	LT		
Lighting	LTG		
Linear	L		
Manufacture	MFR		
Manufactured	MFD		
Marble	MAR		
Masonry	MAS		
Masonry opening	MO		
Material	MTL		
Maximum	MAX		
Mechanical	MECH		
Meter	M		
Minimum	MIN		
Miscellaneous	MISC		
Mullion	MULL		
Natural	NAT		
Nominal	NOM		
Not in contract	NIC		
Not to scale	NIS		
Number	NO or #		
On center			
Opening	OPG		
Opposite	OPP		
Partition	P'TN		
Plate	PL		
Plastic laminate	PL LAM		
Plumbing	PLBG		
Plywood	PLY		
Quantity	QTY		
Quarry tile	QT		
Radius	R or RAD.		
Reference	REF		
Reinforce	REINF		
Remove	RMV		
Required	REQD		
Revision	REV		
Riser	R		
Specification	SPEC		
Square	SQ		

THE DEPARTMENT
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ST. CROIX EDUCATIONAL
COMPLEX HIGH SCHOOL
TRACK & FIELD RENOVATION PROJECT

5A-5C VICORP LAND KINGSHILL
ST. CROIX, U.S. VIRGIN ISLANDS

ARCHITECT	MEP	STRUCTURAL ENGINEER
 THE deJONGH GROUP, PC ARCHITECTS & PLANNERS 2200 ESTATE STABBI ST. THOMAS USVI 00802 T_340.774.8035 & F_340.774.3611		
		
ISLAND MAP	ST. CROIX	LOCATION MAP

DRAWING LIST

COVER SHEET

[illegible]

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DEPARTMENT OF
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COMPLEX
HIGH SCHOOL
TRACK & FIELD
RENOVATION
PROJECT

5A-5C VICORP
LAND, KINGSHILL
ST. CROIX, U.S.V.I.

COVER SHEET

REVISIONS

[illegible]

DRAWN BY: O.C.

CHECKED BY: deJONGH

SCALE: NOT TO SCALE

DATE: 05/27/2014

JOB NO:	2010.7B
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SHEET:

G1 00

G1.00

EROSION CONTROL NOTES:

- (1) CONTRACTOR SHALL FIELD VERIFY THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF DEMOLITION AND CONSTRUCTION ACTIVITIES.
- (2) EROSION AND SEDIMENT CONTROL DEVICES AND OTHER NECESSARY MEASURES ARE TO BE IMPLEMENTED PRIOR TO OR AS THE FIRST STEP IN CONSTRUCTION. SEDIMENT CONTROL PRACTICES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND SATISFACTORY COMPLETION OF ALL WORK SPECIFIED.
- (3) ALL EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM TO THE STANDARDS ESTABLISHED BY THE DEPARTMENT OF PLANNING AND NATURAL RESOURCES (DPNR).
- (4) SOIL MATERIAL FROM THIS PROJECT SHALL BE CONTAINED AND NOT ALLOWED TO COLLECT ON ANY OFF-PERIMETER AREAS OR IN WATERWAYS. THESE INCLUDE BOTH NATURAL AND MAN-MADE OPEN DITCHES, STREAMS, STORM DRAINS AND PONDS.
- (5) DAILY INSPECTIONS SHALL BE MADE BY THE CONTRACTOR TO DETERMINE THE EFFECTIVENESS OF THESE EFFORTS AND TO MAKE ADJUSTMENTS AS NECESSARY.
- (6) ALL MUD, DIRT OR OTHER MATERIALS TACKED OR SPILLED ONTO EXISTING ROADS AND FACILITIES FROM THIS SITE DUE TO CONSTRUCTION, SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.

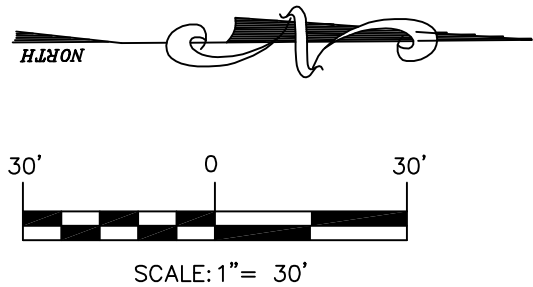
LEGAL DESCRIPTION:

TRACT NO. 5-C, VICORP LANDS AS SHOWN ON PWD NO. 1625-E.

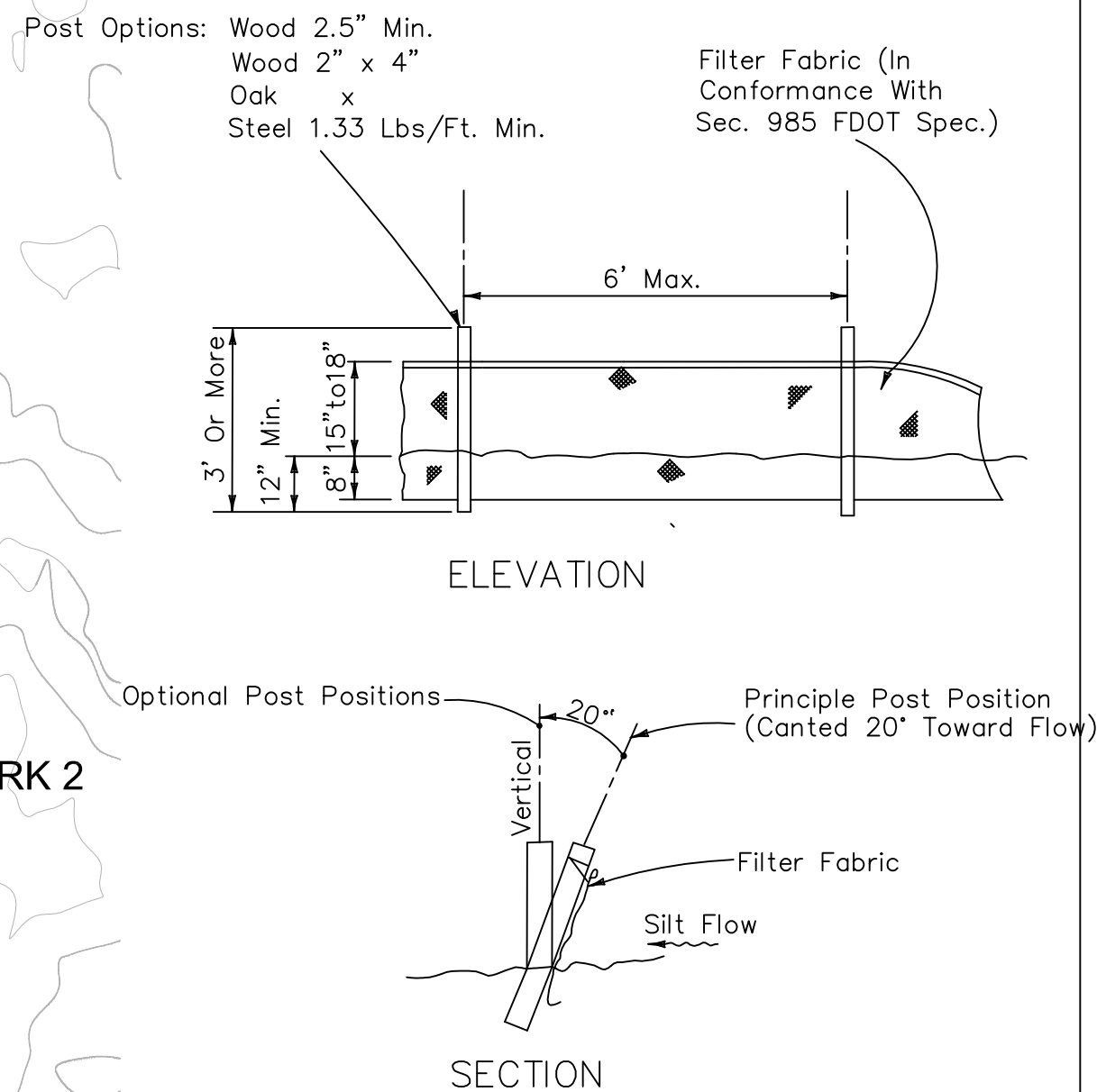
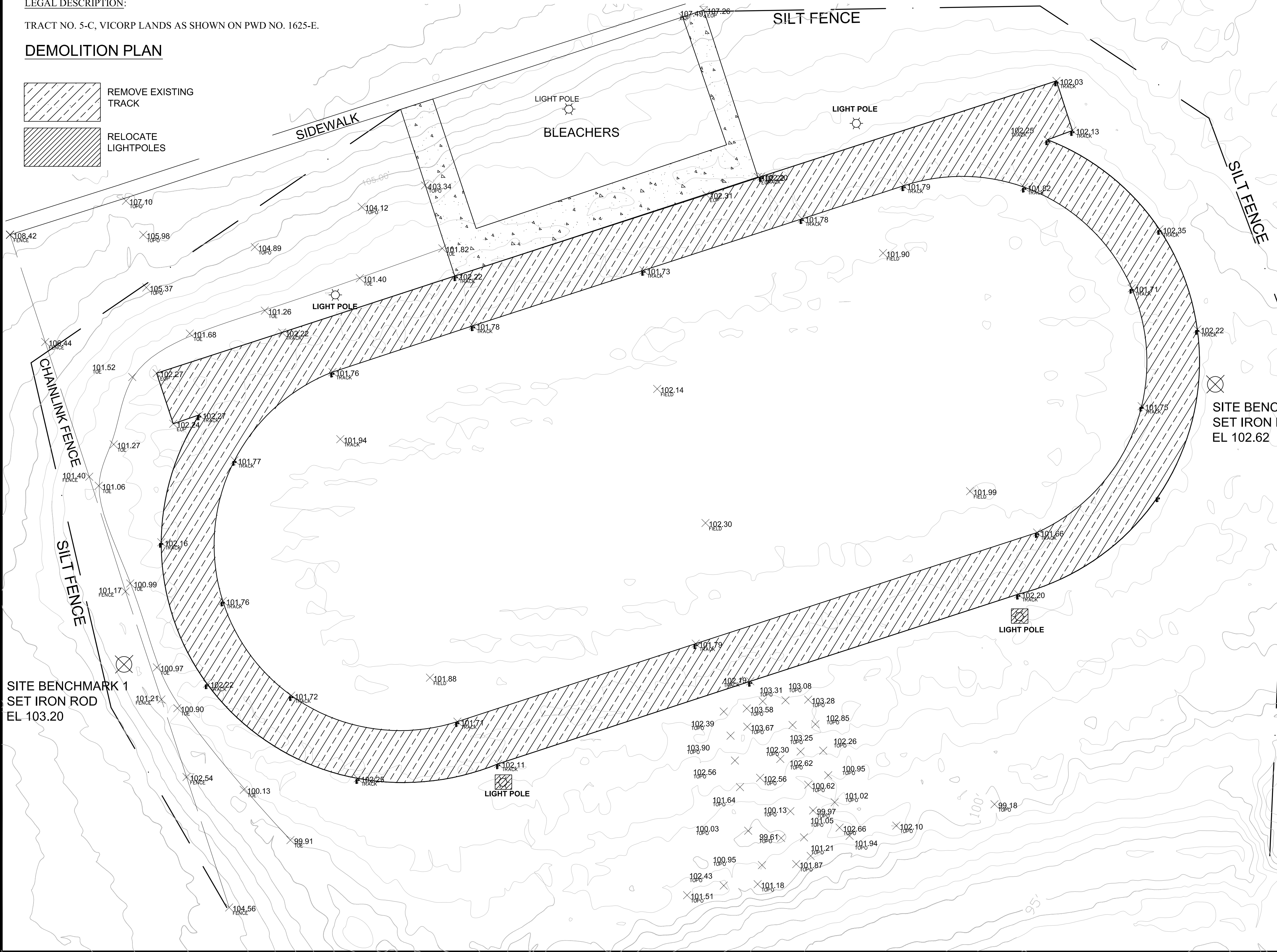
DEMOLITION PLAN

- REMOVE EXISTING TRACK
- RELOCATE LIGHTPOLES

- (7) EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE GUIDELINES FOR SEDIMENT CONTROL IN THE CARIBBEAN BY UNEP.
- (8) SILT FENCE LOCATION SHOWN ON PLAN IS THE MINIMUM EROSION AND SEDIMENTARY CONTROL MEASURE TO BE CONSTRUCTED. ADDITIONAL EROSION CONTROL MEASURES MUST BE LOCATED AS NEEDED DEPENDING ON THE ACTUAL SITE CONDITIONS AND CONSTRUCTION OPERATION.
- (9) CONTRACTOR SHALL OBTAIN PHOTOGRAPHIC RECORDS OF THE EXISTING SITE AND PERIMETER FACILITIES CONDITION PRIOR TO BEGINNING ANY SITE WORK.
- (10) PROPERTY IS IN FLOOD ZONE X AS SHOWN ON U.S. VIRGIN ISLANDS FIRM MAP NUMBER 7800000080G
- (11) ALL ORGANIC SOILS ENCOUNTERED AND REMOVED FROM SITE SHALL BE DISPOSED OFF-SITE PER DPNR REQUIREMENTS.
- (12) FILL AND BACK-FILL OPERATIONS SHALL BE COMPLETED IN ACCORDANCE WITH THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT.
- (13) REMOVAL OF TREES SHALL BE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN.

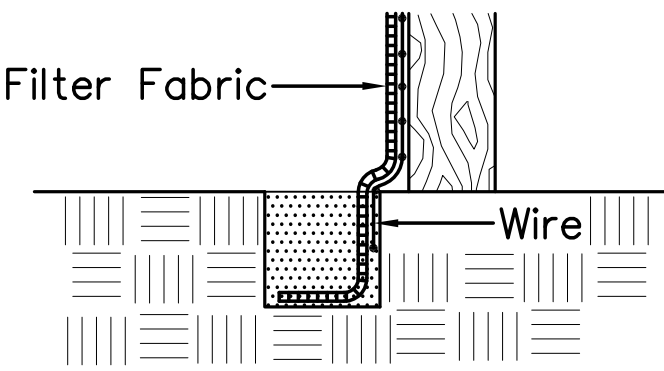


VICINITY MAP



SILT-FENCE-DETAIL

Extension of fabric and wire into the trench.



CONSTRUCTION OF A SILT FENCE

- NOTES:
- NO UNDERGROUND UTILITIES WERE LOCATED.
 - ELEVATIONS BASED ON 2007 ARMY CORPS OF ENGINEERS (ACOE) LIDAR DATUM.
 - SITE BENCHMARK 1- EL=103.20'
 - SITE BENCHMARK 2- EL=102.62'



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5A-5C VICORP LAND
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EXISTING
CONDITIONS &
EROSION
CONTROL PLAN

REVISIONS

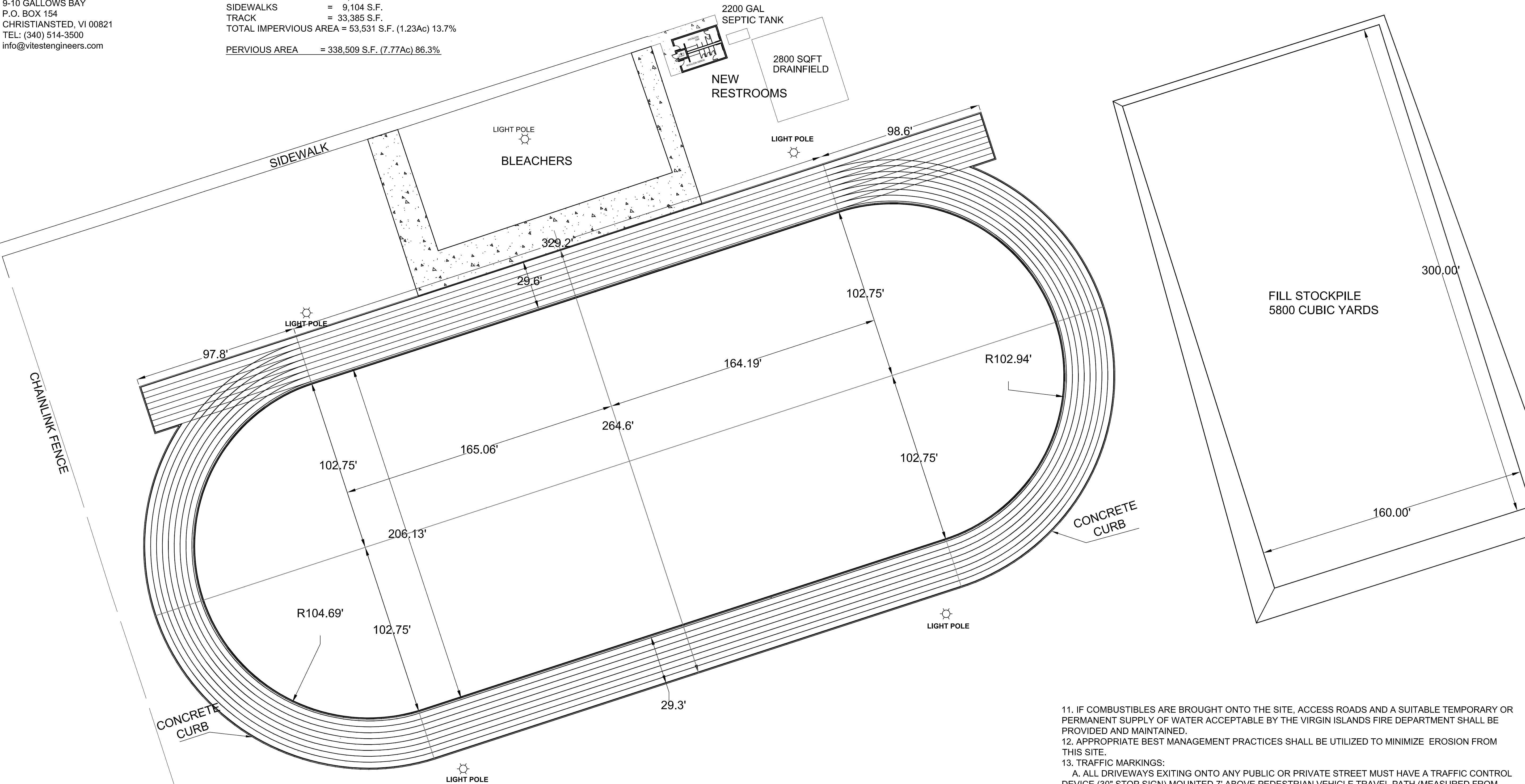
NO.	DESCRIPTION

DRAWN BY:	DLAW
CHECKED BY:	deJONGH
SCALE:	1"=30'
DATE:	9/27/12
JOB NO:	2010.7A
SHEET:	C1

OWNER:
VIRGIN ISLANDS DEPARTMENT OF EDUCAITON
SUNNY ISLE PROFESSIONAL BUILDING
SUITES 5 & 6
CHRISTIANSTED, VI 00820
TEL: (340) 772-4144
stx@myviboe.com

CIVIL/GEOTECHNICAL ENGINEER:
VITEST Engineers
9-10 GALLOW'S BAY
P.O. BOX 154
CHRISTIANSTED, VI 00821
TEL: (340) 514-3500
info@vitestengineers.com

SITE DATA:
DEVELOPMENT AREA = 392,040 S.F. (9.0Ac) 100%
TRACK AND FIELD FOOTPRINT = 144,739 S.F. (3.3Ac)
INFIELD AREA = 111,354 S.F. (2.6Ac)
IMPERVIOUS AREA
BLEACHER = 11,042 S.F.
SIDEWALKS = 9,104 S.F.
TRACK = 33,385 S.F.
TOTAL IMPERVIOUS AREA = 53,531 S.F. (1.23Ac) 13.7%
PERVIOUS AREA = 338,509 S.F. (7.77Ac) 86.3%



GENERAL NOTES:
1. PLANS NOT VALID WITHOUT THE SIGNATURE AND SEAL OF ENGINEER OF RECORD.
2. TOPOGRAPHIC INFORMATION BASED ON ARMY CORP OF ENGINEERS (ACOE) 2007 LIDAR SURVEY.
3. ALL EARTHWORK OPERATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN GEOTECHNICAL INVESTIGATION REPORT PREPARED BY VITEST ENGINEERS, INC. DATED FEBRUARY 2012.
4. CONTRACTOR SHALL VERIFY LOCATION OF, AND PROTECT ALL EXISTING UTILITIES.
5. CONTRACTOR SHALL VERIFY AND LOCATE ALL VERTICAL AND HORIZONTAL CONTROL POINTS PRIOR TO CONSTRUCTION. IF ANY DISCREPANCIES SHOULD BE FOUND, CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.
6. CONTRACTOR SHALL STAKE ALL IMPROVEMENTS USING GEOMETRIC DATA PROVIDED. IT IS CONTRACTOR'S SOLE RESPONSIBILITY TO COMPLETELY STAKE AND CHECK ALL IMPROVEMENTS TO ENSURE ADEQUATE POSITIONING, BOTH HORIZONTAL AND VERTICAL, PRIOR TO INSTALLATION OF ANY IMPROVEMENTS.
7. CONTRACTOR SHALL PROVIDE CERTIFIED AS-BUILT DRAWINGS PREPARED BY LICENSED SURVEYOR OF ALL IMPROVEMENTS SHOWN ON DRAWINGS.
8. ALL PAVING, GRADING AND UTILITIES CONSTRUCTION SHALL CONFORM TO REQUIREMENTS AND SPECIFICATIONS OF THE VIRGIN ISLANDS DEVELOPMENT CODE AND THE INTERNATIONAL BUILDING CODE, UNLESS OTHERWISE NOTED.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL REQUIRED PERMITS PRIOR TO BEGINNING ANY CONSTRUCTION FOR THIS PROJECT.
10. ALL DISTURBED AREAS SHALL BE SODDED.

- IF COMBUSTIBLES ARE BROUGHT ONTO THE SITE, ACCESS ROADS AND A SUITABLE TEMPORARY OR PERMANENT SUPPLY OF WATER ACCEPTABLE BY THE VIRGIN ISLANDS FIRE DEPARTMENT SHALL BE PROVIDED AND MAINTAINED.
- APPROPRIATE BEST MANAGEMENT PRACTICES SHALL BE UTILIZED TO MINIMIZE EROSION FROM THIS SITE.
- TRAFFIC MARKINGS:
 - ALL DRIVEWAYS EXITING ONTO ANY PUBLIC OR PRIVATE STREET MUST HAVE A TRAFFIC CONTROL DEVICE (30" STOP SIGN) MOUNTED 7' ABOVE PEDESTRIAN VEHICLE TRAVEL PATH (MEASURED FROM BOTTOM OF SIGN) AND THROUGHOUT THE SITE AS NECESSARY FOR SAFETY.
 - ALL SIGN INSTALLATIONS SHALL COMPLY WITH THE SIZE, LOCATION AND HEIGHT (7') AS OUTLINED IN THE "MUTCD".
- PAVEMENT MARKINGS:
 - PARKING LOT PAVEMENT MARKINGS SHALL BE WHITE (STOP BARS, LINES DESIGNATING HANDICAPPED PARKING SPACES, AND HANDICAPPED PARKING SYMBOLS).
 - ALL HANDICAPPED PARKING SPACES MUST BE LEGALLY SIGNED AND IDENTIFIED WITH ONE REGULATION HANDICAP SIGN AND ONE BLUE PAVEMENT MARKING SYMBOL PER SPACE.
 - A 24" STOP BAR SHALL BE PROVIDED AT ALL POINTS OF EGRESS IN CONFORMANCE WITH THE MUTCD.
- SURVEY DATA USED AND CONDITIONS ASSUMED TO BE PRESENT IN PREPARATION OF THESE PLANS WAS PROVIDED BY ST CROIX SURVEYING AND ENGINEERING.
- SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL SITE IMPROVEMENTS MATERIALS TO BE REVIEWED BY ENGINEER, UNLESS WAIVED BY OWNER IN WRITING.
- CONSTRUCTION MATERIALS TESTING SHALL BE PROVIDED FOR:
 - COMPACTION (SUBGRADE AND BACKFILL)
 - PAVEMENT SECTION
 - CONCRETE
 - UTILITIES
 - FILL MATERIALS
- THE SITE IS IN ZONE X, WHICH IS NOT IN THE FLOOD ZONE.

deJongh
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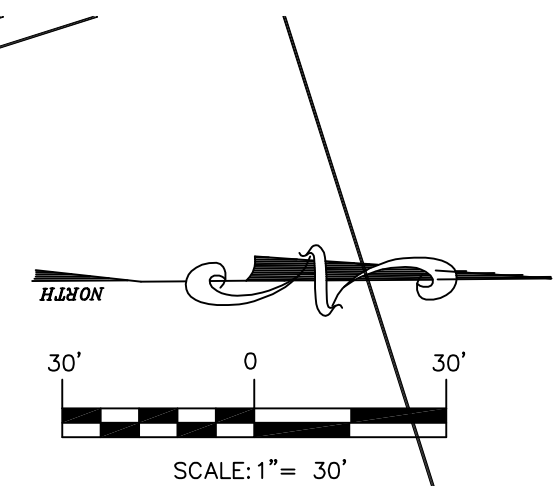
5A-5C VICORP LAND
KINGSHILL
ST. CROIX, U.S.V.I.

SITE
GEOMETRY

REVISIONS

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JOB NO: 2010.7A
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KINGSHILL
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REVISIONS

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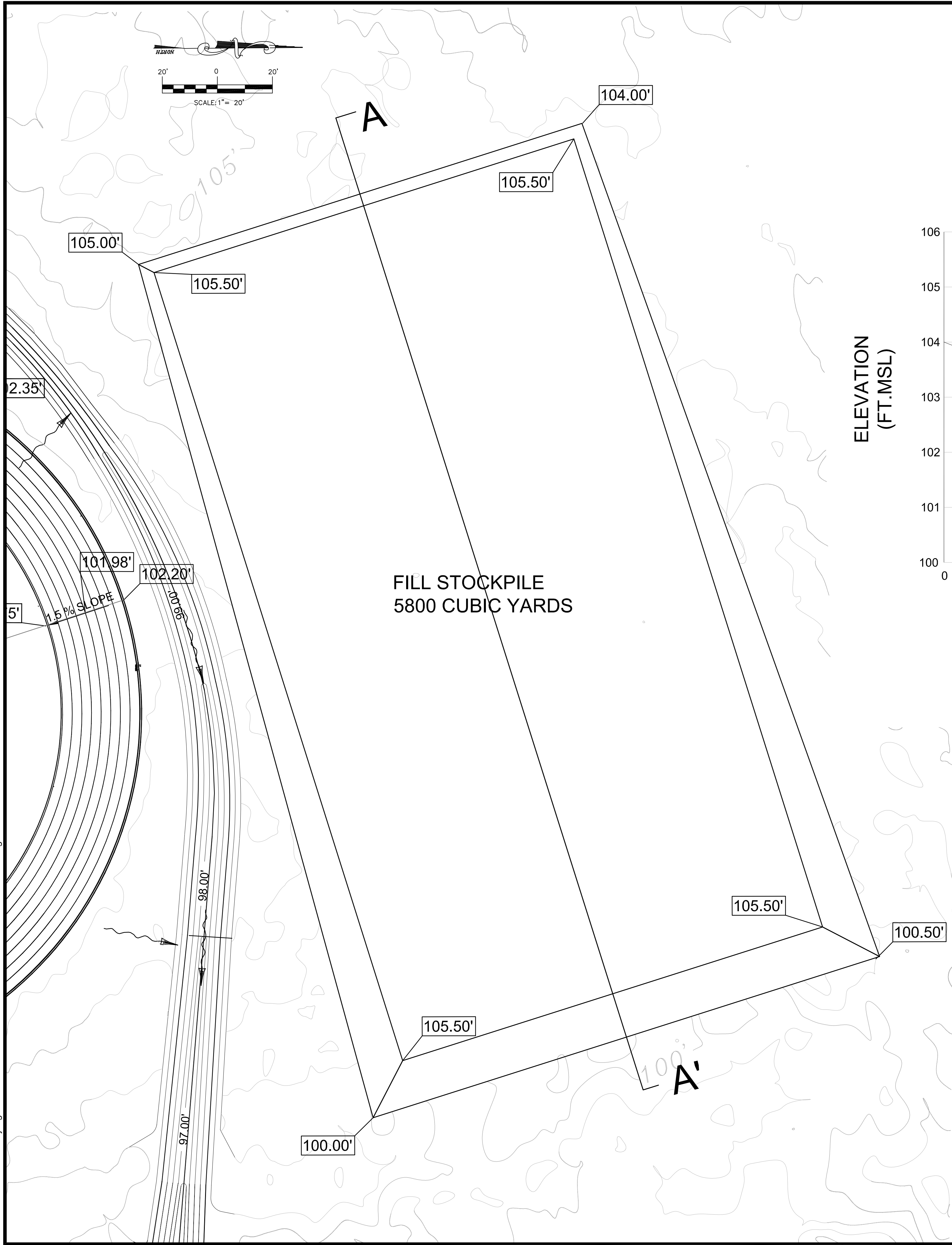
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DRAINAGE NOTES:

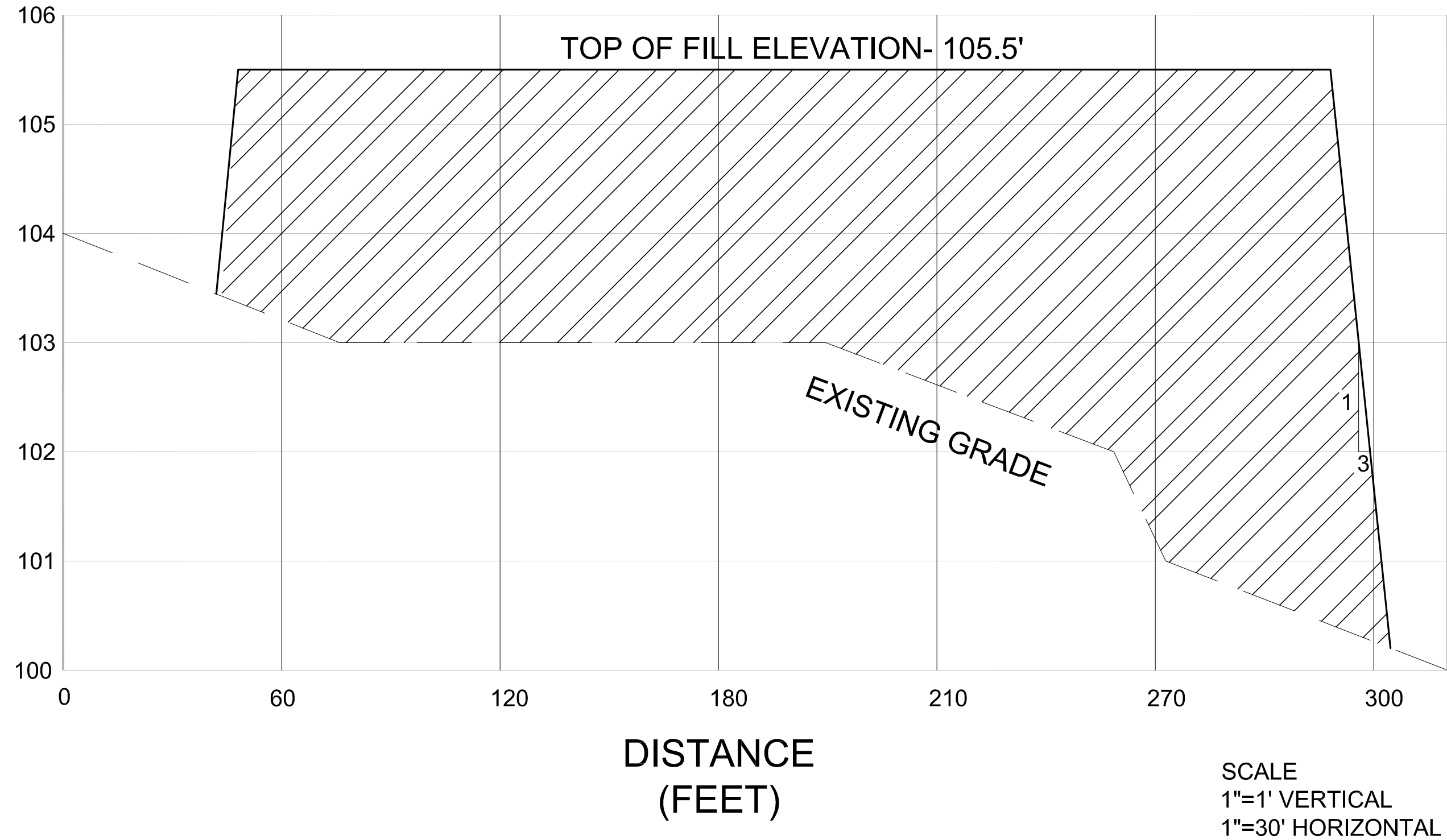
1. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY LOCATION AND INVERTS OF EXISTING UTILITIES AT PROPOSED CROSSINGS AND POINTS OF CONNECTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY UTILITY CONFLICTS.
2. ALL POND SIDE SLOPES AND DRY BOTTOMS ARE TO BE SODDED.
3. WHEN TRENCH EXCAVATION EXCEEDS (5) FIVE IN DEPTH:
 - A. CONTRACTOR SHALL CONFORM TO OSHA STD. 29CFR. SECTION 1926.650
 - B. THE CONTRACTOR SHALL PROVIDE WRITTEN ASSURANCE OF COMPLIANCE WITH THIS LAW.
 - C. TRENCH SAFETY SYSTEM SHALL BE DESIGNED BY THE CONTRACTOR.
4. ALL DRAINAGE PIPING SHALL HAVE A MINIMUM OF 3 FEET OF COVER UNLESS SHOWN OTHERWISE ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
5. ALL DRAINAGE PIPES ARE APPROVED PLASTIC OR REINFORCED CONCRETE PIPE, CLASS III, UNLESS OTHERWISE NOTED.

6. DRAINAGE STRUCTURE TOP ELEVATION REFERS TO TOP OF FINISHED STRUCTURE.
7. THE CONTRACTOR SHALL LOCATE AND VERIFY VERTICAL AND HORIZONTAL LOCATIONS ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES PRIOR TO STARTING CONSTRUCTION.
8. CONTRACTOR TO COORDINATE WITH UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION ACTIVITY FOR DIG PERMITS, ELECTRICAL PERMITS OR OTHER PERMITS AS APPLICABLE. CONTRACTOR IS TO COORDINATE FULLY WITH UTILITY COMPANIES ON EXACT LOCATION OF UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
9. THE LOCATIONS OF ALL EXISTING UTILITIES AND STORM DRAINAGE SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM AVAILABLE INFORMATION AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE OWNER OR ENGINEER ASSUMES NO RESPONSIBILITY FOR INACCURACY. PRIOR TO THE START OF CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATION OF THESE UTILITIES WITH THE UTILITY COMPANY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING ANY UNDERGROUND UTILITY. EXISTING UTILITIES WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE RELOCATED AS REQUIRED.
10. ALL PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTED UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. THE COST FOR SUCH RESTORATION SHALL BE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE ALLOWED.

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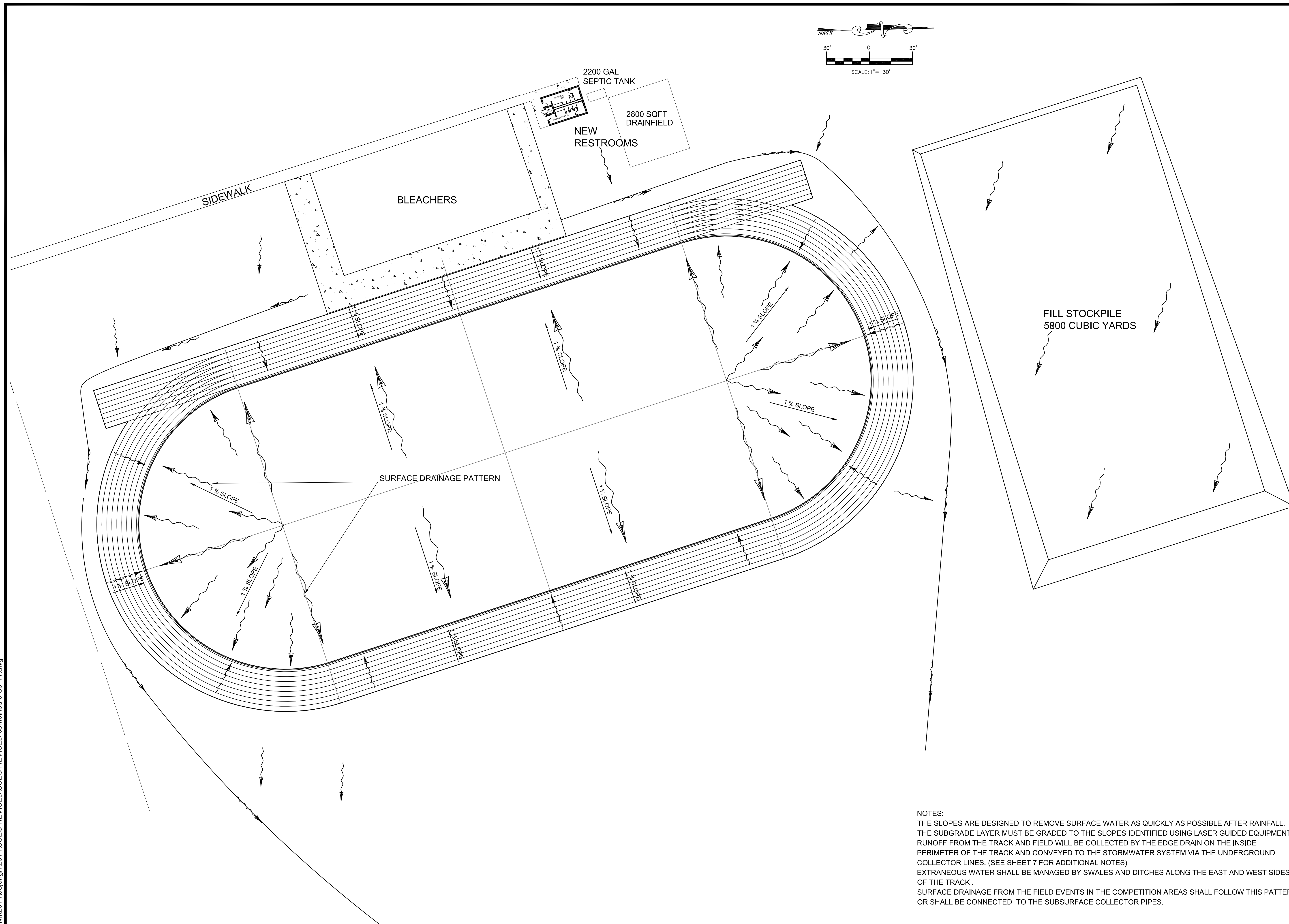
ELEVATION
(FT. MSL)



CROSS-SECTION A-A'
(SEE SHEET C-4)

REVISIONS	
05/30/14	MODIFY DESIGN TO INCLUDE FILL STOCKPILE

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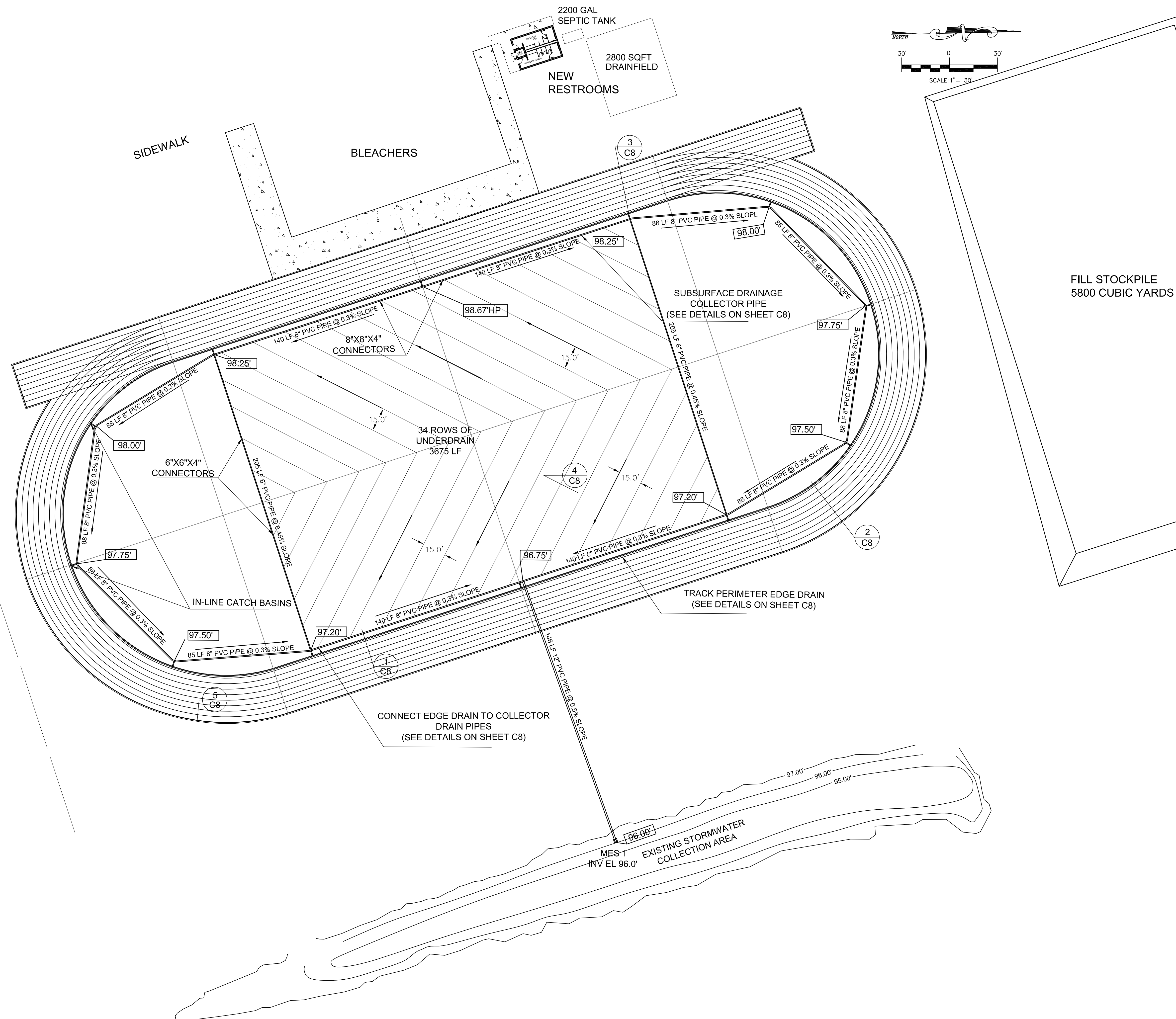
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KINGSHILL
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TRACK AND FIELD SURFACE DRAINAGE PATTERN

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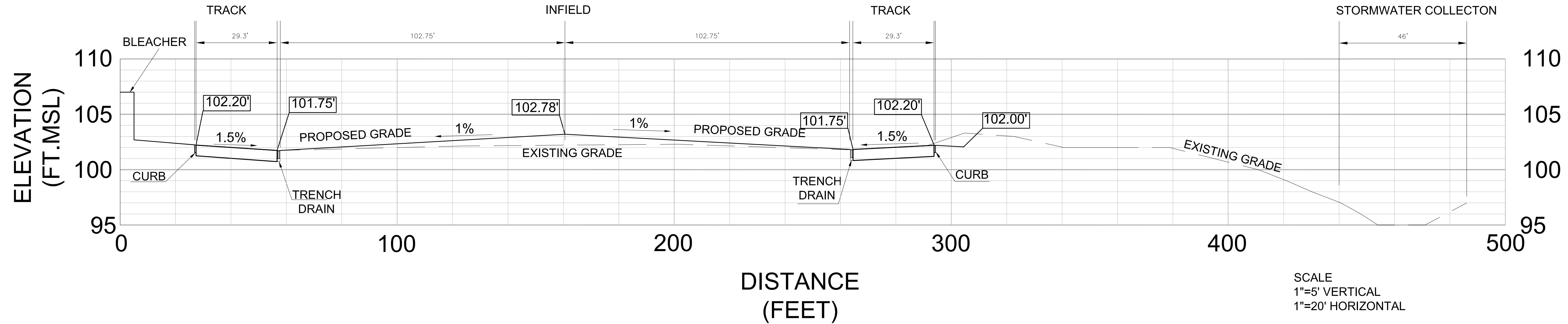
SUBSURFACE
DRAINAGE

REVISIONS

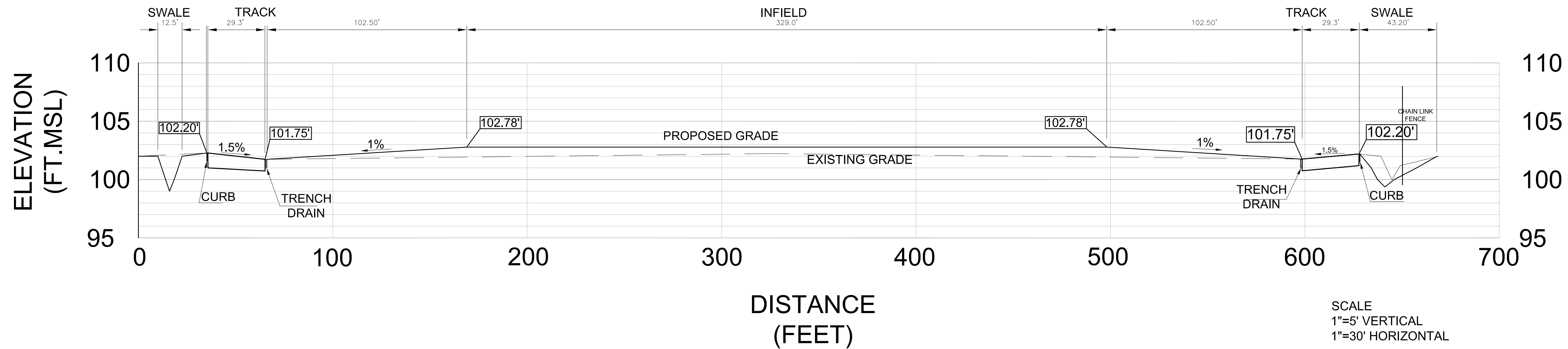
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JOB NO: 2010.7A
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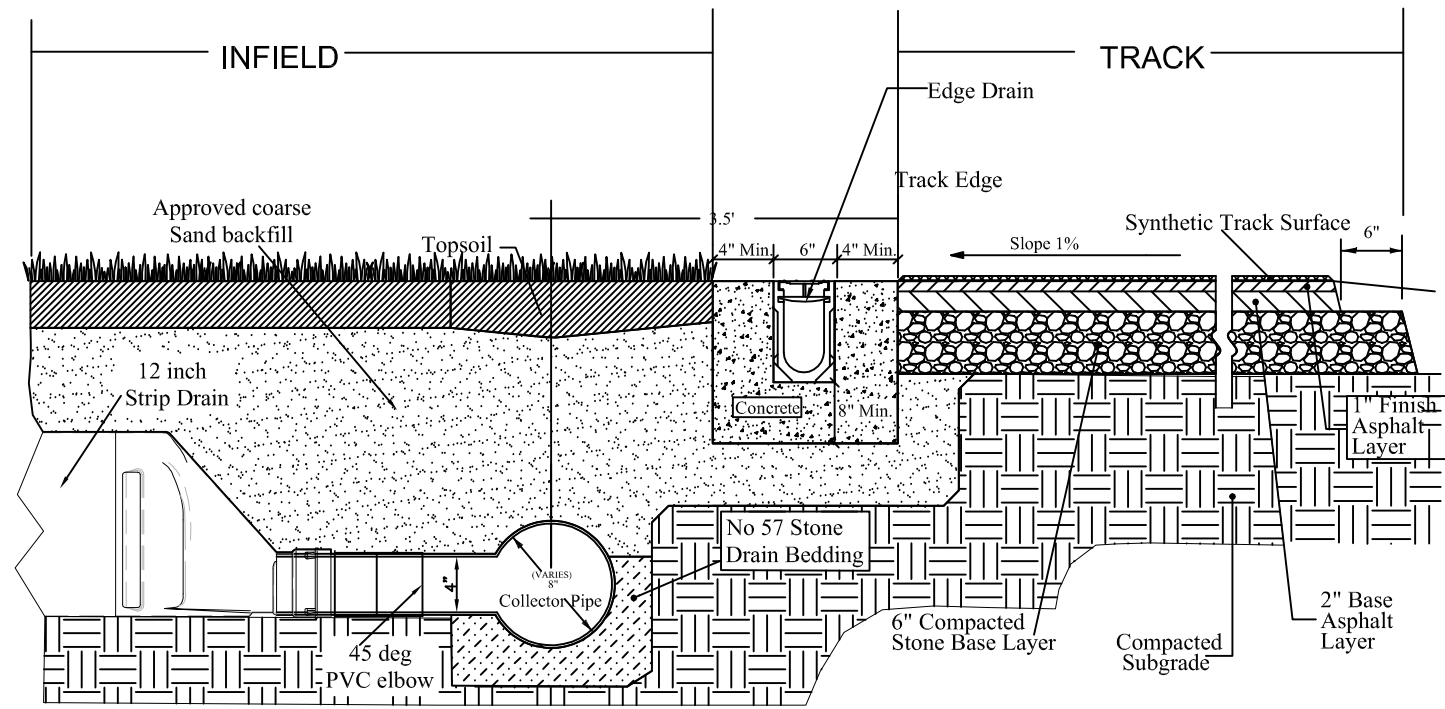
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CROSS-SECTION A-A'
(SEE SHEET C-3)

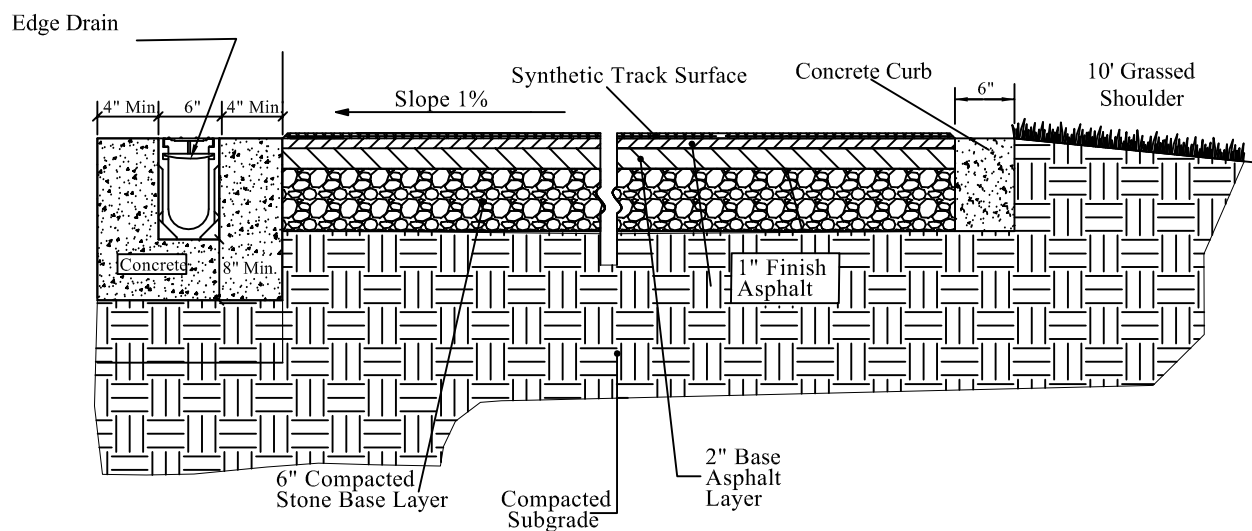


CROSS-SECTION B-B'
(SEE SHEET C-3)



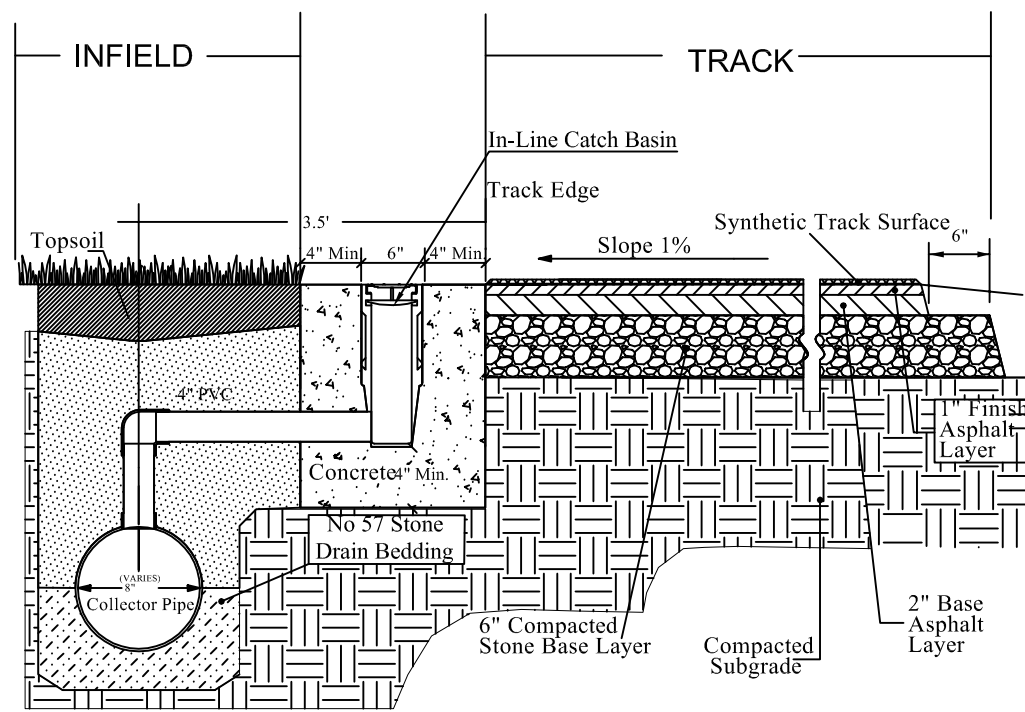
TRACK EDGE DRAIN DETAIL

1
C6



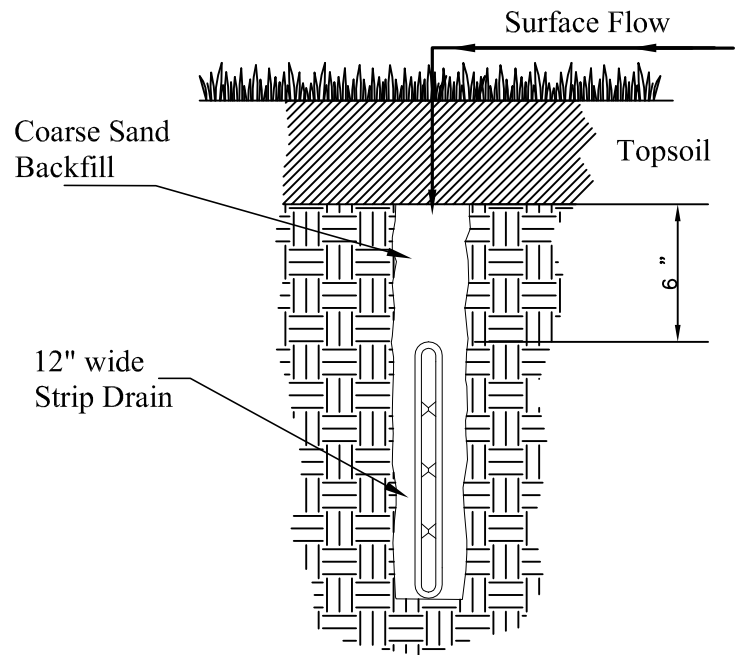
TRACK DETAIL

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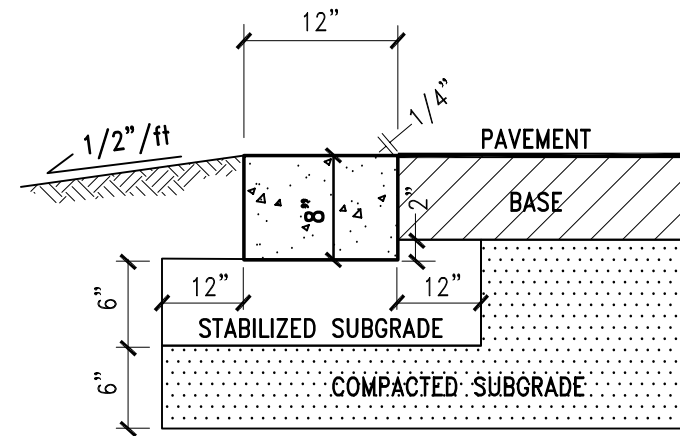
EDGE DRAIN
TIE-IN TO COLLECTOR

3
C6



FIELD DRAIN DETAIL

4
C6



TYPE "C" RIBBON CURB

5
C6

NOTES:
THE EDGE DRAIN SHALL BE FED FROM ABOVE. THE WIDTH OF THE OPENING SHALL BE A MINIMUM OF 4 INCHES AND NOT MORE THAN 6 INCHES
THE TOP OF THE DRAIN SHALL BE FLUSH WITH THE ADJOINING SURFACE
THE EDGE DRAIN IS USUALLY LAID IN A CONCRETE FOUNDATION.
THE CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 2500 PSI IN 28 DAYS.
THE CONCRETE SHALL BE NOT LESS THAN 4 INCHES THICK AT THE BOTTOM AND SIDES OF THE DRAIN.
THE EDGE DRAIN SHALL INCLUDE IN LINE CATCH BASINS.
THE CATCH BASINS SHALL BE CONNECTED TO THE COLLECTOR MAIN AND BE FITTED WITH A SAND TRAP.

THE COLLECTOR LINES SHALL BE ENCLOSED PIPES MADE OF PLASTIC OR CONCRETE.
THE SLOPE OF THE COLLECTOR LINES MAY BE 0.3% TO 0.5%

THE SUBSURFACE DRAINAGE BENEATH THE INFIELD MUST BE LAID SUCH A MANNER SO AS TO INTERCEPT THE RUNOFF ACROSS THE GRADIENT.
UNDERDRAINS SHALL BE USED TO TRANSPORT THE RUNOFF TO THE COLLECTOR PIPES.
THE UNDERDRAINS MAY BE COMPRISED OF A PERFORATED PIPE AND FILTER SOCK SURROUNDED BY FILTER AGGREGATE AND WRAPPED IN A FILTER FABRIC.
ALTERNATIVELY, THE UNDERDRAIN MAY BE COMPRISED OF A MANUFACTURED VERTICAL DRAIN SUCH AS THE AMERICAN WICK DRAIN (AWD) OR ADVANCED DRAINAGE SYSTEMS (ADS)
THE DRAINAGE CHANNEL SHALL BE AT A DEPTH THAT ALLOWS A MINIMUM OF 6 INCHES OF BACKFILLED DRAINAGE AGGREGATE ABOVE THE UNDERDRAIN PIPE.
THE DRAINAGE CHANNEL SHALL BE SEPARATED FROM THE OVERLYING TOPSOIL BY A FILTER FABRIC SUCH AS MIRAFI 140 N OR EQUIVALENT.
THE BACKFILL AROUND THE UNDERDRAIN SHALL BE FINE AGGREGATE COMPOSED OF HARD, STRONG, DURABLE UNCOATED GRAINS OF GRANITE OR SILICA, REASONABLE GRADED FROM COARSE TO FINE. THE GRAINSIZE DISTRIBUTION SHALL MEET THE FOLLOWING REQUIREMENTS

Sieve	Percent Passing
2	-
1-1/2"	-
3/4"	100
3/8	70-100
No. 4	0-55
No 8	0-10
No. 200	0-3

TRACK SUBGRADE
THE TRACK SUBGRADE SHALL BE NATURAL SOIL, FREE OF ORGANIC MATERIAL OR OTHER COMPRESSIBLE OR EXPANSIVE MATERIALS. THE SUBGRADE SHALL CONTAIN NO STONES LARGER THAN 3 INCHES IN ANY DIMENSIONS.
THE SUBGRADE BENEATH THE TRACK SHALL BE COMPACTED AND TESTED TO A MINIMUM DENSITY OF 95 % OF THE MODIFIED PROCTOR AS DETERMINED BY ASTM D-1557

BASE MATERIAL
THE TRACK BASE MATERIAL SHALL BE CRUSHED STONE. THE CRUSHED STONE SHALL BE FREE OF ORGANIC MATERIAL AND SHALL MEET THE FOLLOWING GRADATION.

Sieve	Percent Passing
1"	100
3/4"	90-100
3/8"	50-95
No. 4	35-80
No. 10	25-65
No. 40	10-35
No. 100	3-10

THE BASE MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 98% OF THE MODIFIED PROCTOR VALUE AS DETERMINE D BY ASTM D-1557.
THE BASE LAYER SHALL BE GRADED USING LASER-GUIDED EQUIPMENT TO ACHIEVE THE SLOPES NEEDED ON THE TRACK.

THE HOT-MIX ASPHALT SHALL BE A PLANT MIXED. THE ASPHALT CONTENT SHALL BE 4%-6% BY WEIGHT.
THE AGGREGATE MIX FOR THE BINDER AND TOP COAT SHALL BE AS FOLLOWS.

ASPHALT BINDER		ASPHALT TOP COAT	
Sieve	Percent Passing	Sieve	Percent Passing
3/4"	100	1/2"	100
1/2"	90-10	3/8"	90-100
3/8"	80	No. 4	60-90
No. 4	45-70	No. 8	35-65
No. 8	25-55	No. 30	22
No. 30	19	No. 50	6-25
No. 50	5-20	No. 100	8
No. 100	5-16	No. 200	2-10
No. 200	2-9		

ADEQUATE COARSE AND FINE AGGREGATE, MINERAL FILLER AND ASPHALT BINDER SHALL BE USED TO CREATE A JOB MIX FORMULA WITH A MARSHALL STABILITY OF 750 LBS OR GREATER
THE PRIME COAT ON THE CRUSHED STONE BASE SHALL BE MC-1 AS RECOMMENDED BY THE ASPHALT INSTITUTE. THE PRIME SHALL BE PLACED AT A RATE OF 0.3 GALLONS PER SQUARE YARD
THE TACK COAT BETWEEN LAYERS SHALL BE RC-1. THE SPREAD RATE SHALL BE 0.05 GALLONS PER SQUARE YARD.
THE ASPHALT SHALL BE PLACED USING LASER-GUIDED ASPHALT PAVING EQUIPMENT.
THE BINDER COURSE SHALL BE ALLOWED TO CURE FOR AT LEAST 7 DAYS BEFORE THE TOP COAT IS PLACED.
THE ASPHALT SHALL BE ALLOWED TO CURE FOR 28 DAYS BEFORE THE SYNTHETIC SURFACE IS INSTALLED.

THE FINISHED SURFACE SHALL HAVE NO IMPERFECTIONS SUCH AS BUBBLES, LAMINATIONS, BUMPS OR DEPRESSIONS EXCEEDING 1/8 INCH BENEATH A 10 FOOT STRAIGHT EDGE.
THE THICKNESS OF THE SYNTHETIC SURFACE SHALL NOT BE LESS THAN 1/2 INCH.
THE SYNTHETIC SURFACE SHALL MEET THE IAAF REQUIREMENTS FOR FORCE REDUCTION, FRICTION, ETC.

TOPSOIL

THE EXISTING TOPSOIL MAY BE STRIPPED AND STOCKPILED FOR REUSE ON THE FIELD. THE EXISTING TOPSOIL SHALL BE MODIFIED, AS NECESSARY TO MEET THE SPECIFICAIONS PROVIDED HEREIN.

TOPSOIL MAY BE MANUFACTURED FROM COMPOST AND OTHER SOIL CONSTITUENTS FOR USE IN TURF OR PLANTING AREAS. THIS MATERIAL CAN BE EITHER PRE-BLENDED AND BROUGHT ON-SITE OR THE COMPOST CAN BE BLENDED WITH SOILS STOCKPILED AT THE CONSTRUCTION SITE.

COMPOST - COMPOST SHALL BE DERIVED FROM ORGANIC WASTES INCLUDING SAWDUST, CLEAN GROUND WOOD, LEAF AND YARD RESIDUES, AND BIOSOLIDS THAT MEET ALL STATE ENVIRONMENTAL AGENCY REQUIREMENTS. THE PRODUCT SHALL BE WELL COMPOSTED, FREE OF VIABLE WEED SEEDS AND CONTAIN MATERIAL OF A GENERALLY HUMUS NATURE CAPABLE OF SUSTAINING GROWTH OF VEGETATION, WITH NO MATERIALS TOXIC TO PLANT GROWTH. COMPOST SHALL HAVE THE FOLLOWING PROPERTIES:

PARAMETERS	RANGE
pH	5.5 - 8.0
MOISTURE CONTENT	35% - 55%
SOLUBLE SALTS	< 4.0 MMHOS (DS)
C:N RATIO	15 - 30:1
PARTICLE SIZE	< 3/4"
ORGANIC MATTER CONTENT	> 20%
BULK DENSITY	< 1200 LBS./CUBIC YARD
FOREIGN MATTER	< 1% (DRY WEIGHT)

COMPOST GENERATOR SHALL ALSO PROVIDE MINIMUM AVAILABLE NITROGEN AND OTHER MACRO AND MICRO NUTRIENTS TO DETERMINE FERTILIZER REQUIREMENTS. GENERATOR SHALL SUPPLY DOCUMENTATION SHOWING STATE APPROVAL FOR INTENDED USE.

SOIL COMPONENT - SOIL SHALL CONSIST OF LOOSE, FRIABLE SOIL, FREE OF RUBBISH WITH NO ADMIXTURE OF REFUSE OR MATERIAL TOXIC TO PLANT GROWTH. SOIL SHALL BE REASONABLY FREE OF STONES, LUMPS, ROOTS AND WEEDS OR SIMILAR OBJECTS LARGER THAN TWO INCHES IN DIAMETER. SOIL SHALL MEET ADDITIONAL PARAMETERS:

PARAMETERS	RANGE
pH	5.5 - 7.5
MOISTURE CONTENT	25% - 55%
SOLUBLE SALTS	2.5 MMHOS (DS)
STONE AND DEBRIS	< 5% (BY WEIGHT)
FOREIGN MATTER	<.05% (BY WEIGHT)

PARTICLE SIZE

- 100% BY VOLUME MUST PASS A 2 INCH SCREEN.
- 95% BY VOLUME MUST PASS A 3/4 INCH SCREEN.
- NOT MORE THAN 60% OF THE SOIL BY WEIGHT SHALL BE LESS THAN .05 MM (VERY FINE SAND) OF WHICH NO MORE THAN 25% BY WEIGHT SHALL CONSIST OF PARTICLES LESS THAN .002 MM (CLAY).

THE SOIL AND COMPOST SHALL BE MIXED TO PRODUCE THE COMPOST MANUFACTURED TOPSOIL FREE OF REFUSE, STONES, LUMPS, ROOTS AND WEEDS OR SIMILAR OBJECTS LARGER THAN TWO INCHES IN DIAMETER. COMPOST MANUFACTURED TOPSOIL WILL BE UNIFORMLY MIXED TO MEET THE FINAL REQUIREMENTS LISTED BELOW:

PARAMETERS	RANGE
PH	5.5 - 8.0
MOISTURE CONTENT	30% - 55%
SOLUBLE SALTS	2.0 MMHOS (DS)
ORGANIC MATTER	>5%
FOREIGN MATTER	<0.5% (BY WEIGHT)

PARTICLE SIZE

- 100% (BY VOLUME) MUST PASS THROUGH A 2 INCH SCREEN.
- 95% (BY VOLUME) MUST PASS THROUGH A 3/4 INCH SCREEN.

COMPOST MANUFACTURED TOPSOIL SHALL MEET THE FOLLOWING MECHANICAL ANALYSIS:

TEXTURAL CLASS	% OF TOTAL WEIGHT	AVERAGE %
SAND (0.05 - 2.0 MM DIA. RANGE)	45-75	60
SILT (0.002-0.05 MM DIA. RANGE)	15-35	25
CLAY (LESS THAN 0.002 MM DIA RANGE)	5-20	15

THE CALICHI SUBGRADE SHALL BE SHAPED TO THE LINESABND GRADES SHOWN ONTHEPLANS PRIOR TO PLACING THE TOPSOIL.

THE GRADING SHALL BE PERFORMED USING LASER GUIDED EQUIPMENT TO ACHIEVE THE DESIGN SLOPES.

THE SUBGRADE SHALL ROLLED WITH A COMPACTOR IN THE STATIC MODE TO PRODUCE A UNIFORM SURFACE. NO DENSITY IS REQUIRED ON THE SUBGRADE IN THE FIELD AREA.
COMPOST MANUFACTURED TOPSOIL SHALL BE SPREAD EVENLY UPON THE PREPARED SUBGRADE SURFACE TO THE DEPTH SPECIFIED ON THE PLANS.
THE COMPOST MANUFACTURED TOPSOIL SHALL BE SPREAD IN SUCH A MANNER AS TO ESTABLISH A LOOSE, FRIABLE SEED BED.
COMPOST MANUFACTURED TOPSOIL SHALL BE FIRMLY DRESSED INTO PLACE TO PREVENT SETTTLING AND PROVIDE SUPPORT. NO DENSITY IS REQUIRED ON THE TOPSOIL

THE FIELD SHALL BE PLANTED WITH A DENSE, THICK SOD, ABLE TO WITHSTAND IMPACT AND HAVE THE ABILITY TO REPAIR QUICKLY.
THESE GRASS SHALL BE MAINTAINED AT THE HIGHEST LEVEL TO KEEP THE PRODUCTIVITY AT ITS BEST.

FERTILIZATION, WATERING AND MOWING SHALL BE PERFORMED ON A SCHEDULED BASIS.
SEEDED MIXTURES OF GRASS MAY GET THE MOST COVERAGE AND FOR THE LONGEST PERIOD OF TIME.

THE GRASS SELECTED SHALL BE ADAPTABLE TO THE AREA WITH RESPECT TO TEMPERATURE.
BERMUDAGRASS MAY BE USED AS IT IS THE DOMINATE SPECIES USED IN WARM SEASON AREAS.
THE SELECTION OF THE NATURAL TURF MUST BE APPROVED BY THE LANDSCPE ARCHITECT.

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DETAILS

REVISIONS

NO.	DESCRIPTION

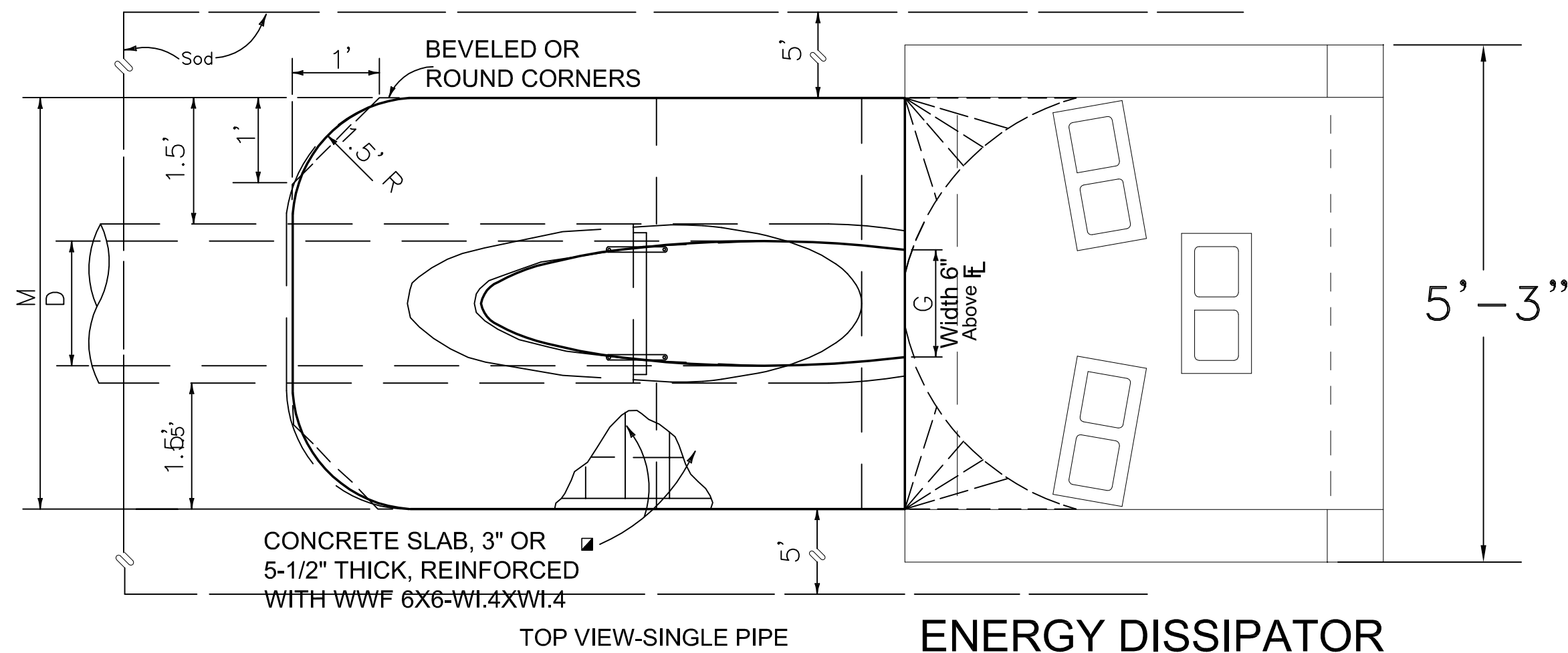
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DIMENSIONS AND QUANTITIES																					
	D	X	A	B	C	E	F	G	M				N	5½" CONCRETE SLAB (CY) ■				SODDING (SQ. YDS.)			
									Single	Double	Triple	Quad.		Single	Double	Triple	Quad.	Single	Double	Triple	Quad.
									Pipe	Pipe	Pipe	Pipe		Pipe	Pipe	Pipe	Pipe	Pipe	Pipe	Pipe	Pipe
2:1 Slope	15"	2'-7"	1.92'	2.18'	4.10'	2.06'	5'	1.22'	4.63'	7.21'	9.79'	12.37'	1.19'	0.38	0.58	0.77	0.96	21	24	27	30
	18"	2'-10"	1.97'	2.74'	4.71'	2.56'	6'	1.41'	4.92'	7.75'	10.58'	13.42'	1.21'	0.44	0.65	0.87	1.09	22	25	28	31
	24"	3'-5"	2.06'	3.85'	5.91'	3.56'	7'	1.73'	5.50'	8.92'	12.33'	15.75'	1.25'	0.54	0.83	1.12	1.42	24	28	32	35
	30"	4'-3"	2.15'	4.95'	7.10'	4.56'	8'	2.00'	6.08'	10.33'	14.58'	18.83'	1.29'	0.66	1.09	1.50	1.91	26	31	35	40
	36"	5'-1"	2.25'	6.08'	8.33'	5.56'	9'	2.24'	6.67'	11.75'	16.83'	21.92'	1.33'	0.81	1.38	1.95	2.51	28	34	39	45
	42"	6'-0"	2.34'	7.21'	9.55'	6.56'	10'	2.45'	7.25'	13.25'	19.25'	25.25'	1.38'	0.97	1.70	2.45	3.19	30	37	43	50
	48"	6'-9"	2.43'	8.33'	10.76'	7.56'	11'	2.65'	7.83'	14.58'	21.33'	28.08'	1.42'	1.13	2.04	2.93	3.84	32	39	47	54
	54"	7'-8"	2.52'	9.44'	11.96'	8.56'	12'	2.83'	8.42'	16.08'	23.75'	31.42'	1.46'	1.31	2.44	3.58	4.72	34	42	51	59
	60"	8'-6"	2.62'	10.56'	13.18'	9.56'	14'	3.00'	9.00'	17.50'	26.00'	34.50'	1.50'	1.51	2.89	4.28	5.68	36	45	55	64
	66"	9'-2"	2.71'	11.68'	14.39'	10.56'	15'	3.18'	9.58'	18.75'	27.92'	37.08'	1.54'	1.68	3.25	4.84	6.43	38	48	58	68
72"	10'-0"	2.80'	12.80'	15.60'	11.56'	16'	3.30'	10.16'	20.16'	30.16'	40.16'	1.58'	1.89	3.74	5.59	7.45	40	51	62	73	
4:1 Slope	15"	2'-7"	2.27'	4.09'	6.36'	4.03'	8'	1.22'	4.63'	7.21'	9.79'	12.37'	1.19'	0.57	0.87	1.15	1.44	23	26	29	32
	18"	2'-10"	2.36'	5.12'	7.48'	5.03'	9'	1.41'	4.92'	7.75'	10.58'	13.42'	1.21'	0.66	0.99	1.31	1.65	25	28	31	35
	24"	3'-5"	2.53'	7.18'Δ	9.71'	7.03'Δ	11'	1.73'	5.50'	8.92'	12.33'	15.75'	1.25'	0.85	1.30	1.75	2.20	28	32	36	40
	30"	4'-3"	2.70'	9.25'	11.95'	9.03'	13'	2.00'	6.08'	10.33'	14.58'	18.83'	1.29'	1.10	1.74	2.39	3.05	31	36	41	46
	36"	5'-1"	2.87'	11.31'◇	14.18'	11.03'◇	15'	2.24'	6.67'	11.75'	16.83'	21.92'	1.33'	1.32	2.21	3.08	3.96	34	40	46	52
	42"	6'-0"	3.05'	13.37'	16.42'	13.03'	17'	2.45'	7.25'	13.25'	19.25'	25.25'	1.38'	1.58	2.76	3.91	5.09	38	44	51	58
	48"	6'-9"	3.22'	15.43'	18.65'	15.03'	19'	2.65'	7.83'	14.58'	21.33'	28.08'	1.42'	1.85	3.30	4.73	6.17	41	48	56	63
	54"	7'-8"	3.39'	17.49'	20.88'	17.03'	21'	2.83'	8.42'	16.08'	23.75'	31.42'	1.46'	2.14	3.95	5.77	7.58	44	52	61	69
	60"	8'-6"	3.56'	19.55'	23.11'	19.03'	23'	3.00'	9.00'	17.50'	26.00'	34.50'	1.50'	2.45	4.66	6.87	9.07	47	56	66	75
	66"	9'-2"	3.73'	21.62'	25.35'	21.03'	25'	3.18'	9.58'	18.75'	27.92'	37.08'	1.54'	2.88	5.54	8.18	10.84	49	59	69	80
72"	10'-0"	3.91'	22.68'	26.59'	23.03'	27'	3.30'	10.16'	20.16'	30.16'	40.16'	1.58'	3.54	6.61	9.87	13.13	52	63	74	85	

CROSS DRAIN MITERED END SECTION
WITH ENERGY DISSIPATOR ASSEMBLY

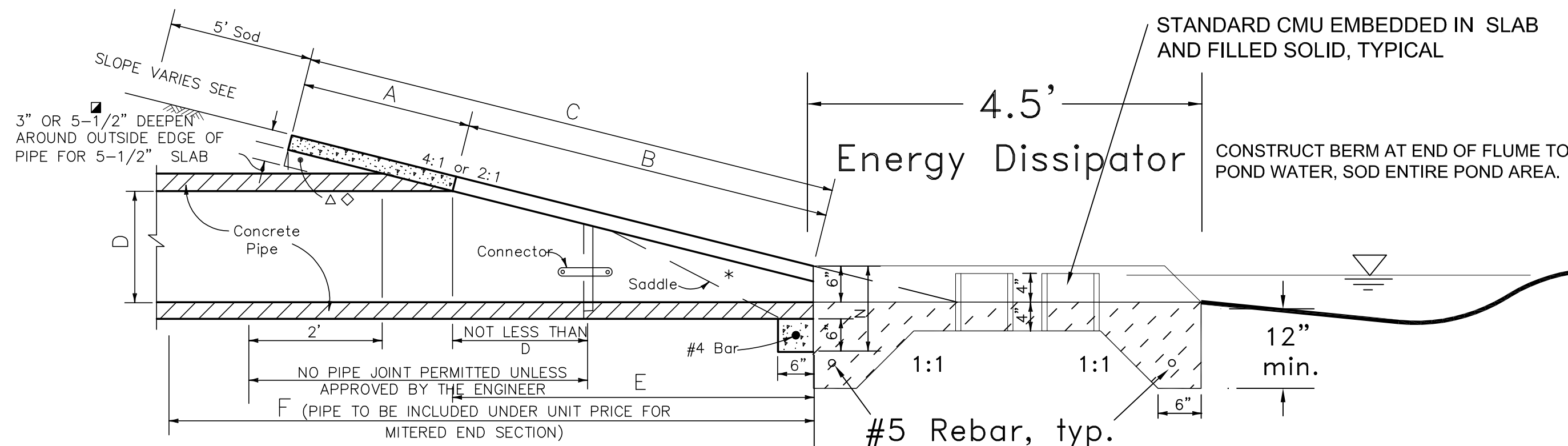
N.T.S. (FDOT INDEX 272 SHT 1 OF 6)



ENERGY DISSIPATOR

ENERGY DISSIPATOR TO BE INSTALLED AGAINST
ALL M.E.S.'S WITHIN WATER RETENTION AREA

B E
Δ 6.42' Δ 6.25' DIMENSIONS PERMITTED TO ALLOW USE OF 8' STANDARD PIPE LENGTHS.
◇ 10.40 ◇ 10.10' DIMENSIONS PERMITTED TO ALLOW USE OF 12' STANDARD PIPE LENGTHS.
Δ ◇ CONCRETE SLAB SHALL BE DEEPEMED TO FORM BRIDGE ACROSS CROWN OF PIPE. SEE SECTION BELOW.



SECTION
MITERED END SECTION
N.T.S.

*SLOPE: 4:1 MITER: TO | PIPE FOR PIPES 18" AND SMALLER.
2:1 FOR PIPES 24" AND LARGER.
2:1 MITER: TO | PIPE FOR PIPES 18" AND SMALLER.
1:1 FOR PIPES 24" AND LARGER.

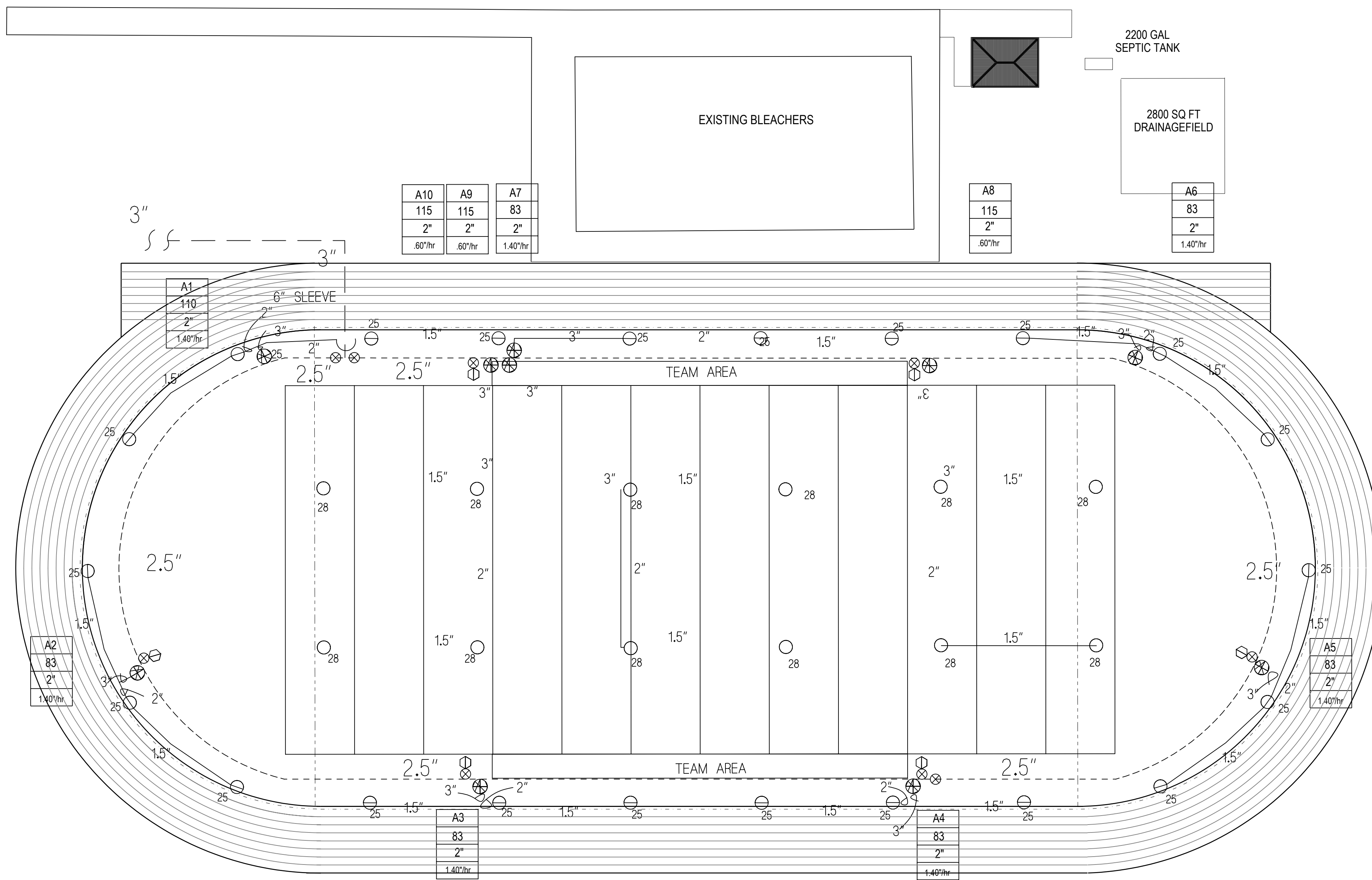
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IRRIGATION PLAN

REVISIONS

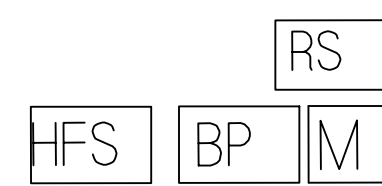
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JOB NO:	2010.7B
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VALVE ID GUIDE

A1	STATION NUMBER
55	GPM
1.5"	VALVE SIZE
.50"/hr	PRECIPITATION RATE



WATER REQUIREMENT

-AT FIELD ELEVATION
-WITHIN 100' OF FIELD
-DOWNSTREAM OF
BACKFLOW IS 115 GPM @
90 PSI

SYSTEM PERFORMANCE DATA

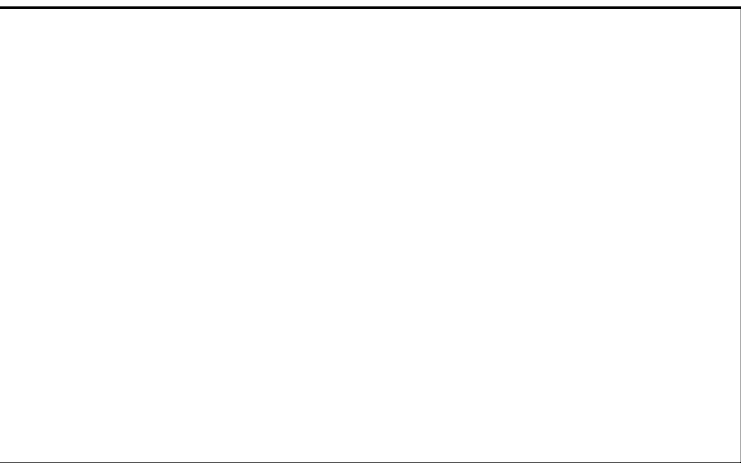
60 (12 WIDE)	DU	PR	FLOW	SIZE	ZONE
1.3	.80	1.40"	83	2"	A1
1.3	.80	1.40"	83	2"	A2
1.3	.80	1.40"	83	2"	A3
1.3	.80	1.40"	83	2"	A4
1.3	.80	1.40"	83	2"	A5
1.3	.80	1.40"	83	2"	A6
1.3	.80	1.40"	83	2"	A7
1.2	.78	.60"	115	2"	A8
1.2	.78	.60"	115	2"	A9
1.2	.78	.60"	115	2"	A10

IRRIGATION NOTES

1. SPRINKLER LOCATIONS ARE TO SCALE
2. PIPE LOCATIONS ARE DIAGRAMMATIC
3. ALL SPRINKLERS TO BE INSTALLED ON 1" SCH 80 SWING JOINTS
4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS
5. MAINLINE DEPTH TO BE NO LESS THAN 18"
6. LATERAL DEPTH TO BE NO LESS THAN 16"
7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
8. LOCATE VALVES/QCV'S OUT OF HIGH TRAFFIC AREAS
9. WIRE SPLICE CONNECTIONS TO BE WATERPROOF
10. QCV TO BE LOCATED IN 10" VALVE BOX
11. ALL SLEEVES TO BE 2X PIPE RUN THROUGH THEM
12. INSTALL ALL COMPONENTS AS PER LOCAL, STATE, FEDERAL CODES
13. REFER TO HUNTER INSTALLATION DETAILS
14. REFER TO HUNTER CATALOG FOR PERFORMANCE SPECIFICATIONS
15. ADD HUNTER "FS" FOR DIRTY WATER VALVE
16. ADD HUNTER "AS" FOR PRESSURE REGULATED VALVE

IRRIGATION LEGEND

PRODUCT DESCRIPTION
HUNTER I-25-04-SS-XX/I-25-06-SS-XX, NOZZLE AS SHOWN
NOZZLE PERFORMANCE:
#25 @ 80 PSI - 28.0 GPM 69' RADIUS
#28 @ 80 PSI - 28.7 GPM 70' RADIUS
HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
HUNTER ACC-1200 SOLID STATE METAL CABINET CONTROLLER
HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
HUNTER HFS FLOW SENSOR
WATER METER MINIMUM SIZE @ 115 GPM IS 2.0"
BACKFLOW PREVENTER SIZED TO SYSTEM GPM
MAINLINE PIPE
LATERAL PIPE
SLEEVING
ISOLATION VALVE LINE SIZED



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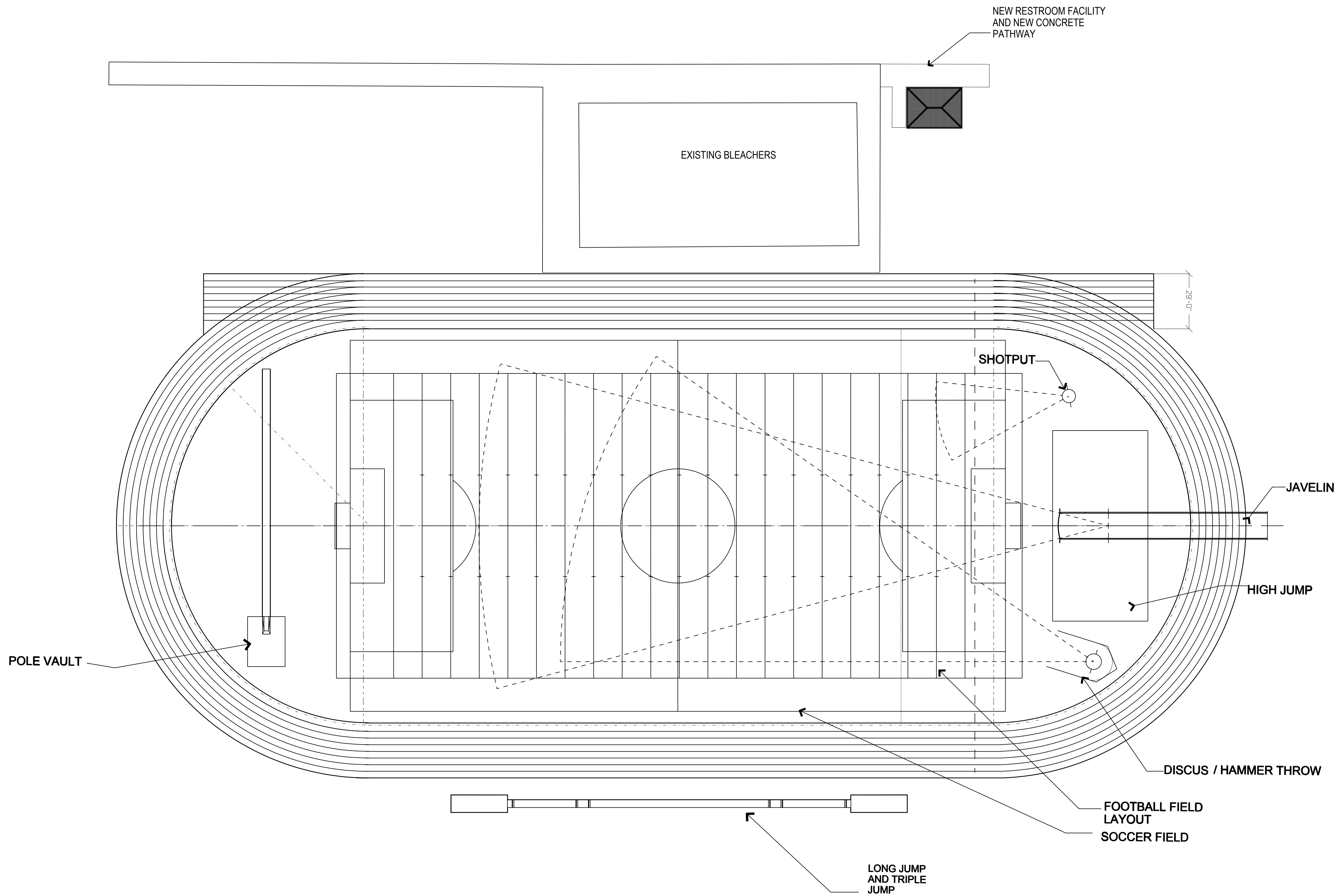
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EQUAL QUADRANT
TRACK OVERALL INTERIOR
FIELD EVENT LAYOUTS

REVISIONS	

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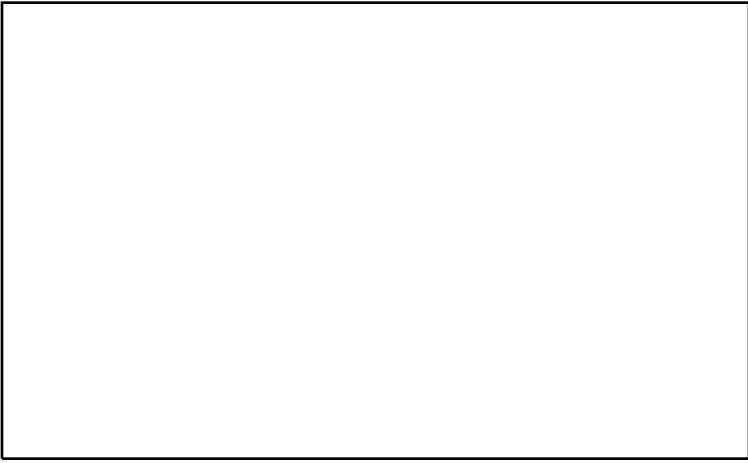
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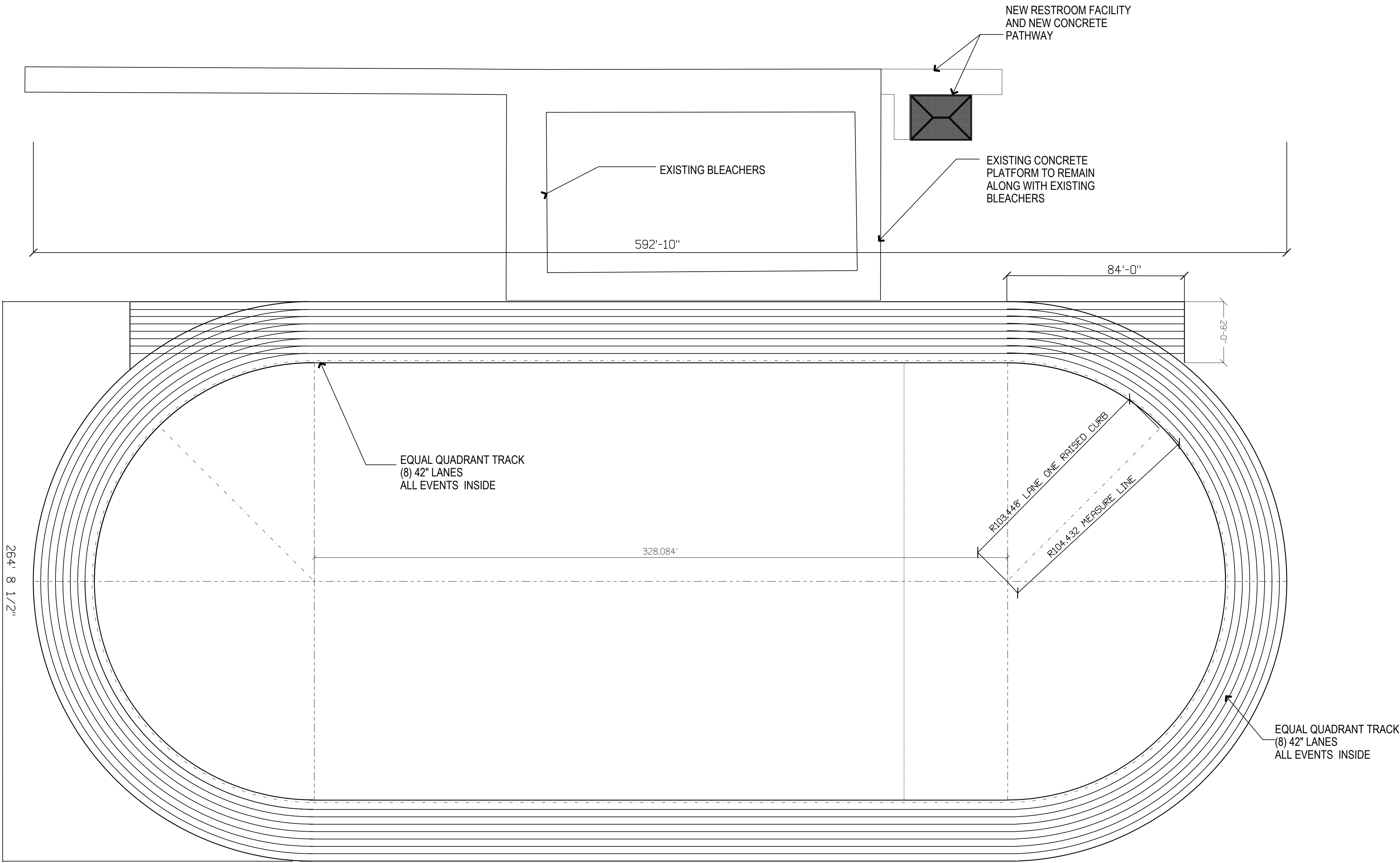
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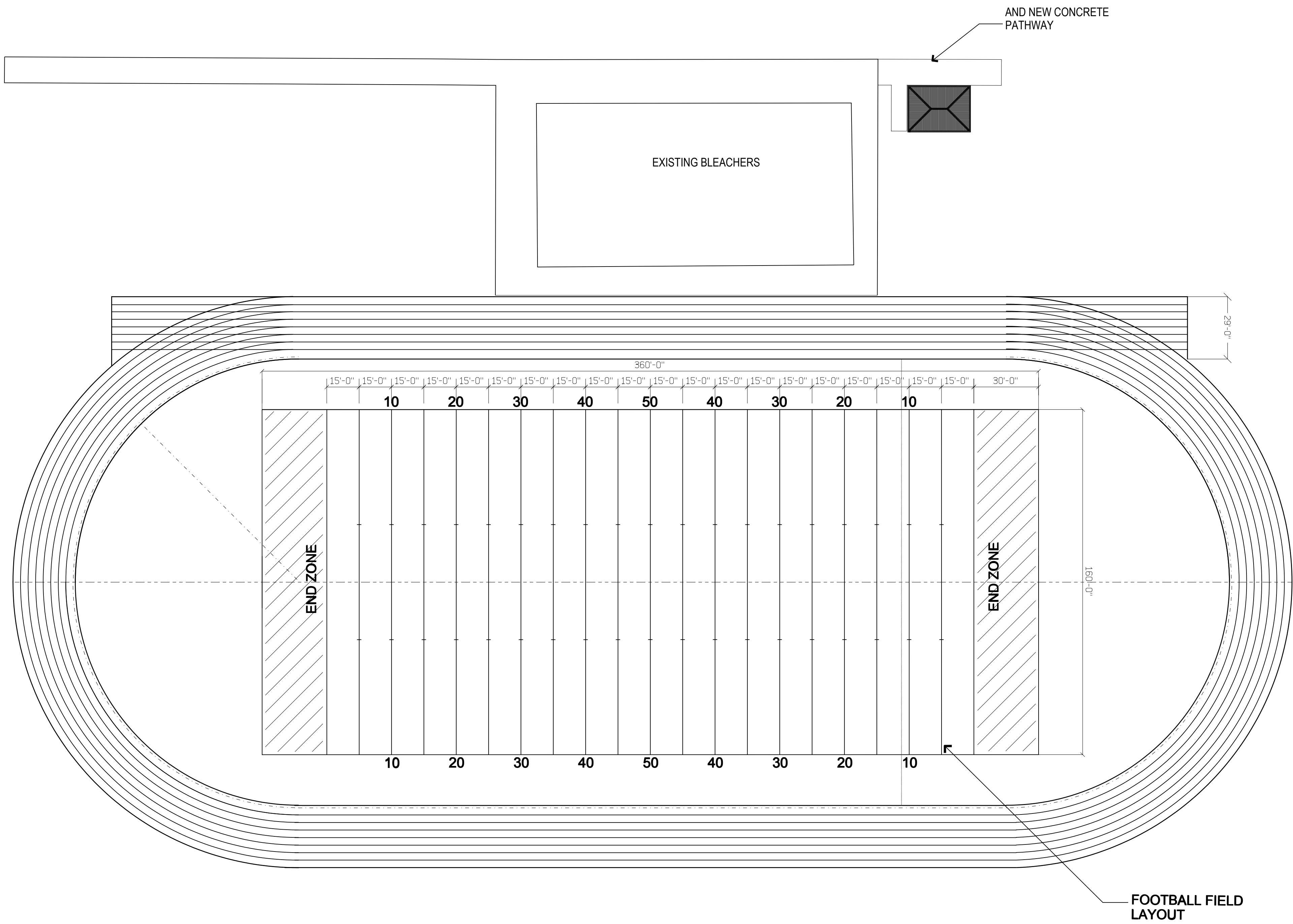
EQUAL QUADRANT
TRACK

REVISIONS	

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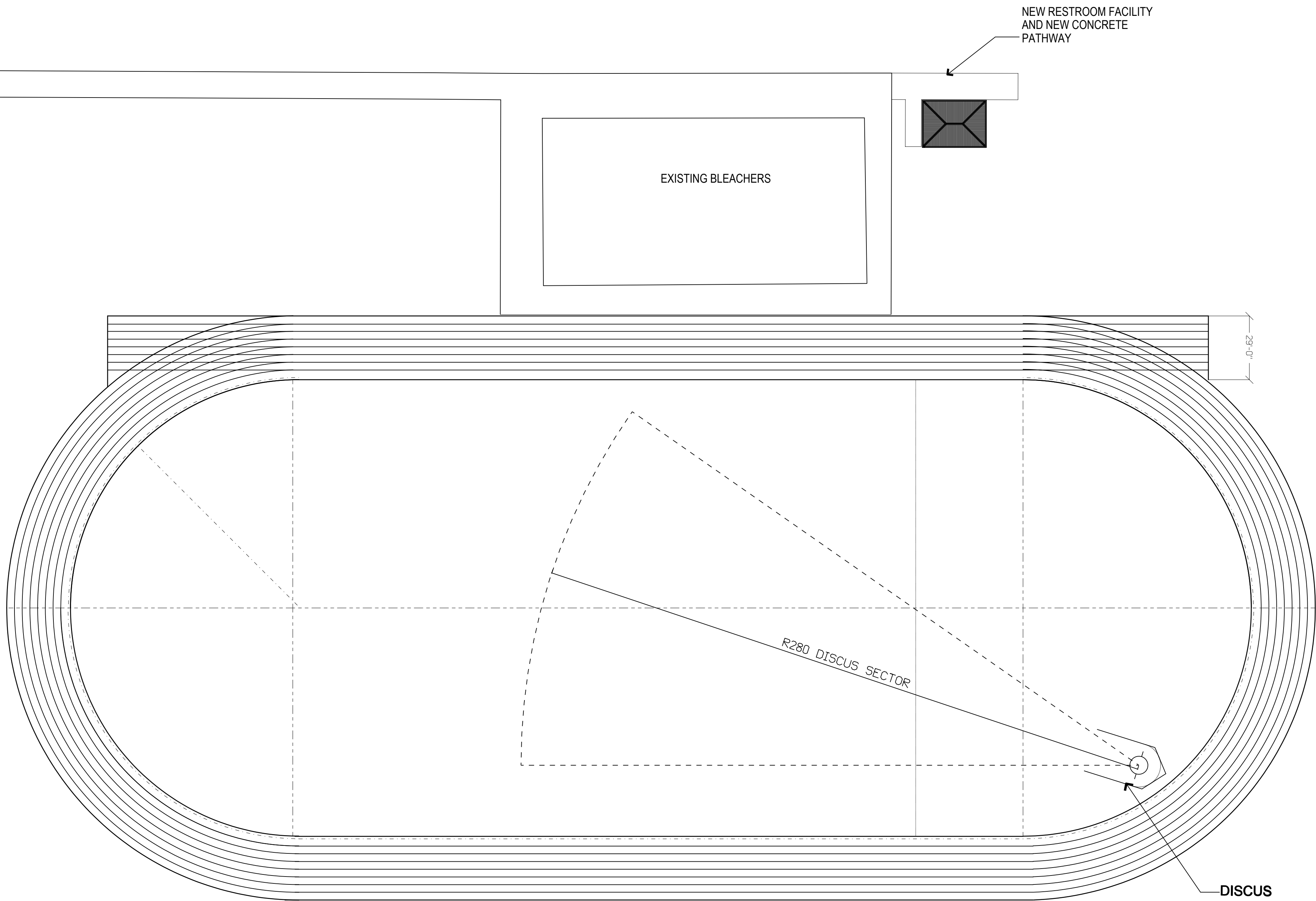
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FOOTBALL FIELD

REVISIONS	

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SCALE:	1" = 30'-0"
DATE:	05/27/2014
JOB NO:	2010.7B
SHEET:	

A1.2



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VI Registration No 1088E

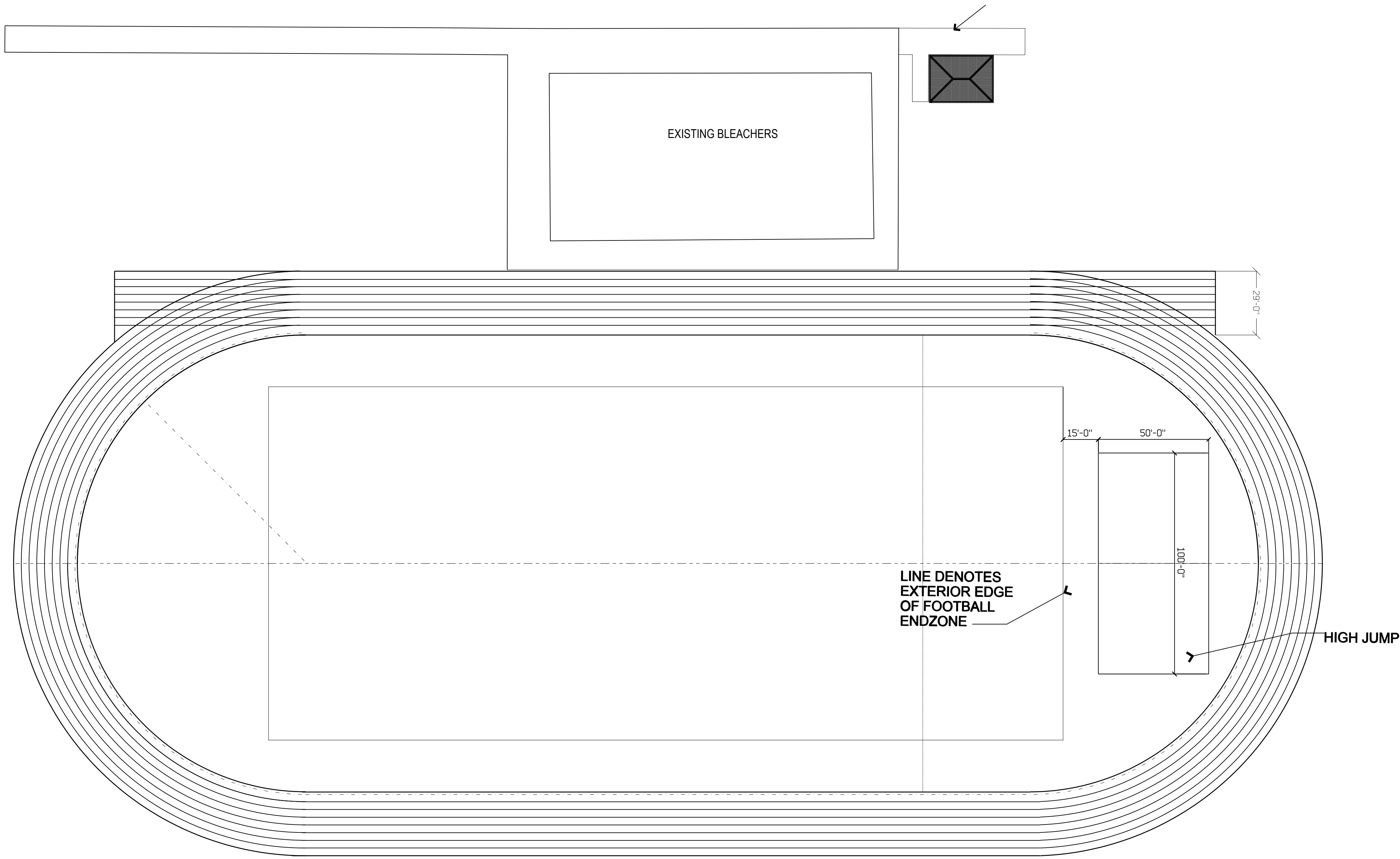
DEPARTMENT OF
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HIGH SCHOOL
TRACK & FIELD
RENOVATION
PROJECT
5A-5C VICORP
LAND, KINGSHILL
ST. CROIX, U.S.V.I.

DISCUS/HAMMER
THROW
LOCATION

REVISIONS

DRAWN BY:	B.S. & O.C., LD
CHECKED BY:	deJONGH
SCALE:	1" = 30'-0"
DATE:	05/27/2014
JOB NO:	2010.7B
SHEET:	

A1.3



deJongh

THE deJONGH GROUP, PC
ARCHITECTS & PLANNERS
2200 ESTATE STAABI
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VITEST Engineers

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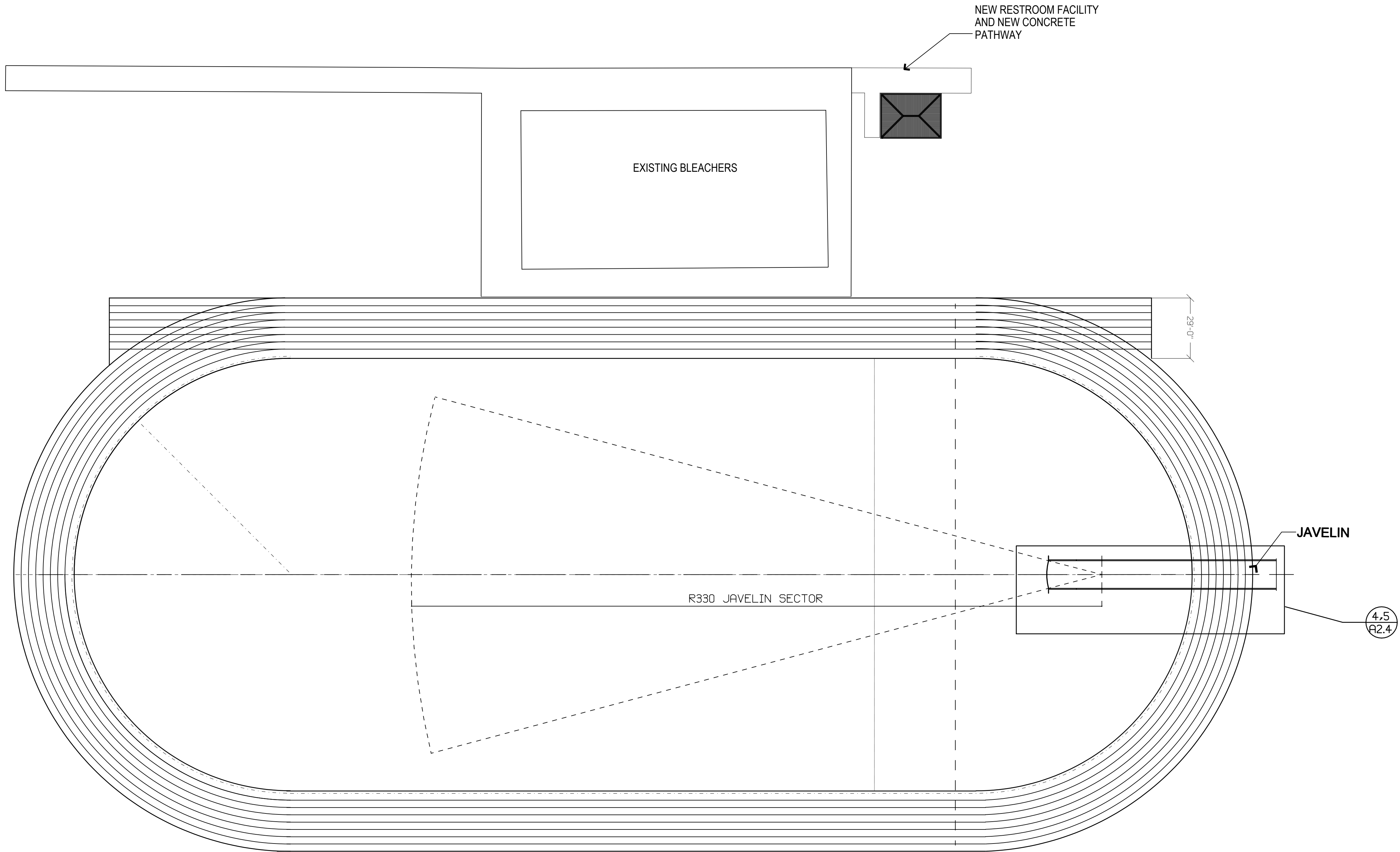
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HIGH SCHOOL
TRACK & FIELD
RENOVATION
PROJECT
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LAND, KINGSHILL
ST. CROIX, U.S.V.I.

HIGH JUMP LOCATION

REVISIONS	

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DATE:	05/27/2014
JOB NO:	2010.7B
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A1.4





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PROJECT
5A-5C VICORP
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JAVELIN THROW
LOCATION

REVISIONS	

DRAWN BY:	L.D.
CHECKED BY:	deJONGH
SCALE:	1" = 30'-0"
DATE:	05/27/2014
JOB NO:	2010.7B
SHEET:	

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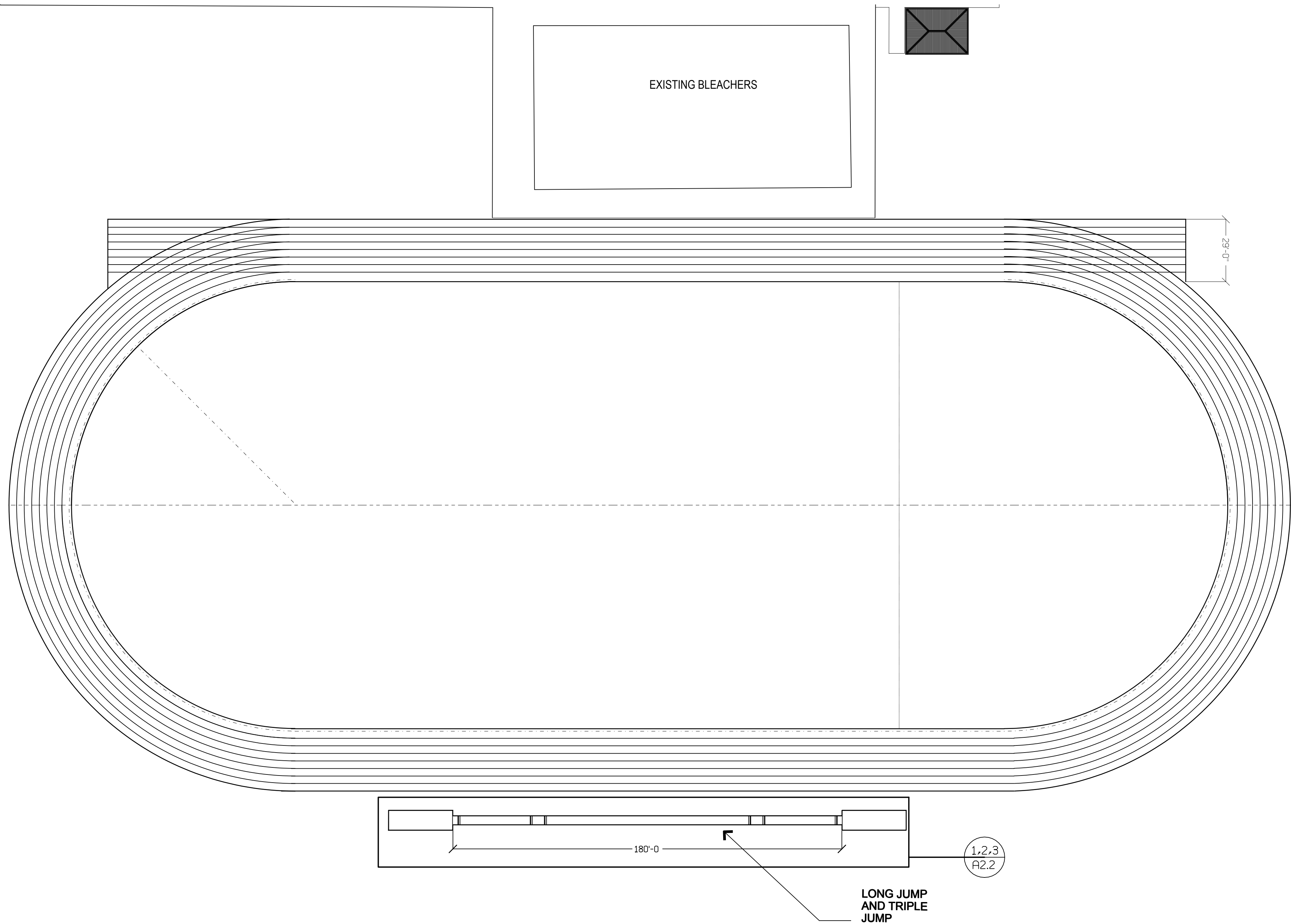
5A-5C VICORP
LAND, KINGSHILL
ST. CROIX, U.S.V.I.

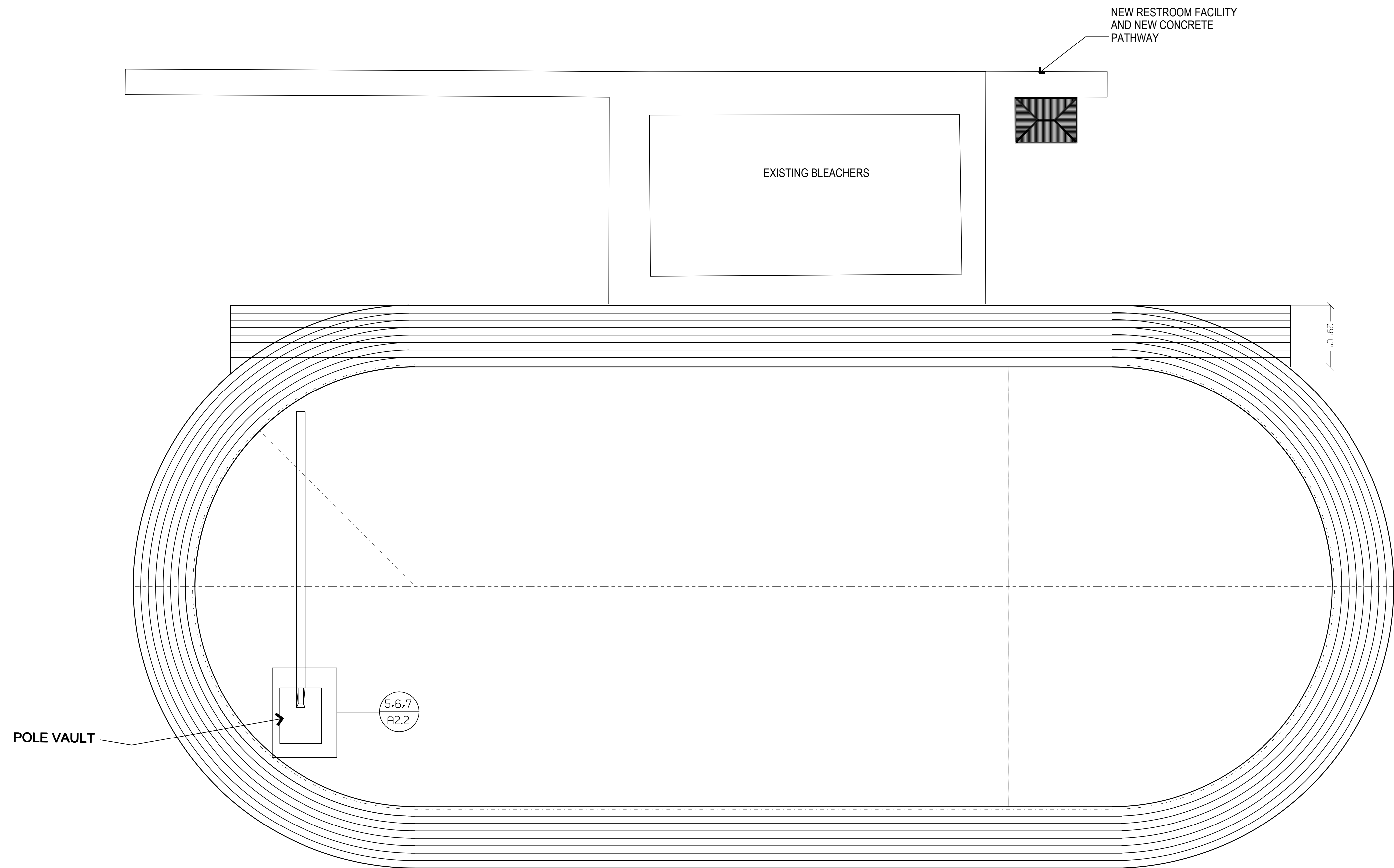
LONG JUMP LOCATION

REVISIONS	

DRAWN BY:	O.C., LD
CHECKED BY:	deJONGH
SCALE:	1" = 30'-0"
DATE:	05/27/2014
JOB NO:	2010.7B
SHEET:	

A1.6





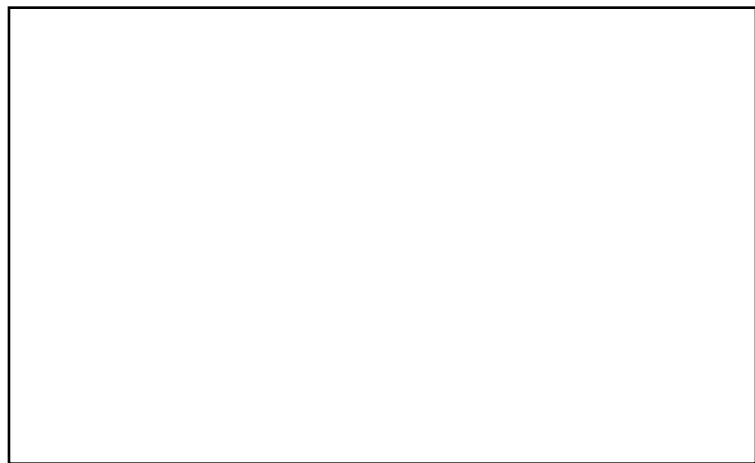


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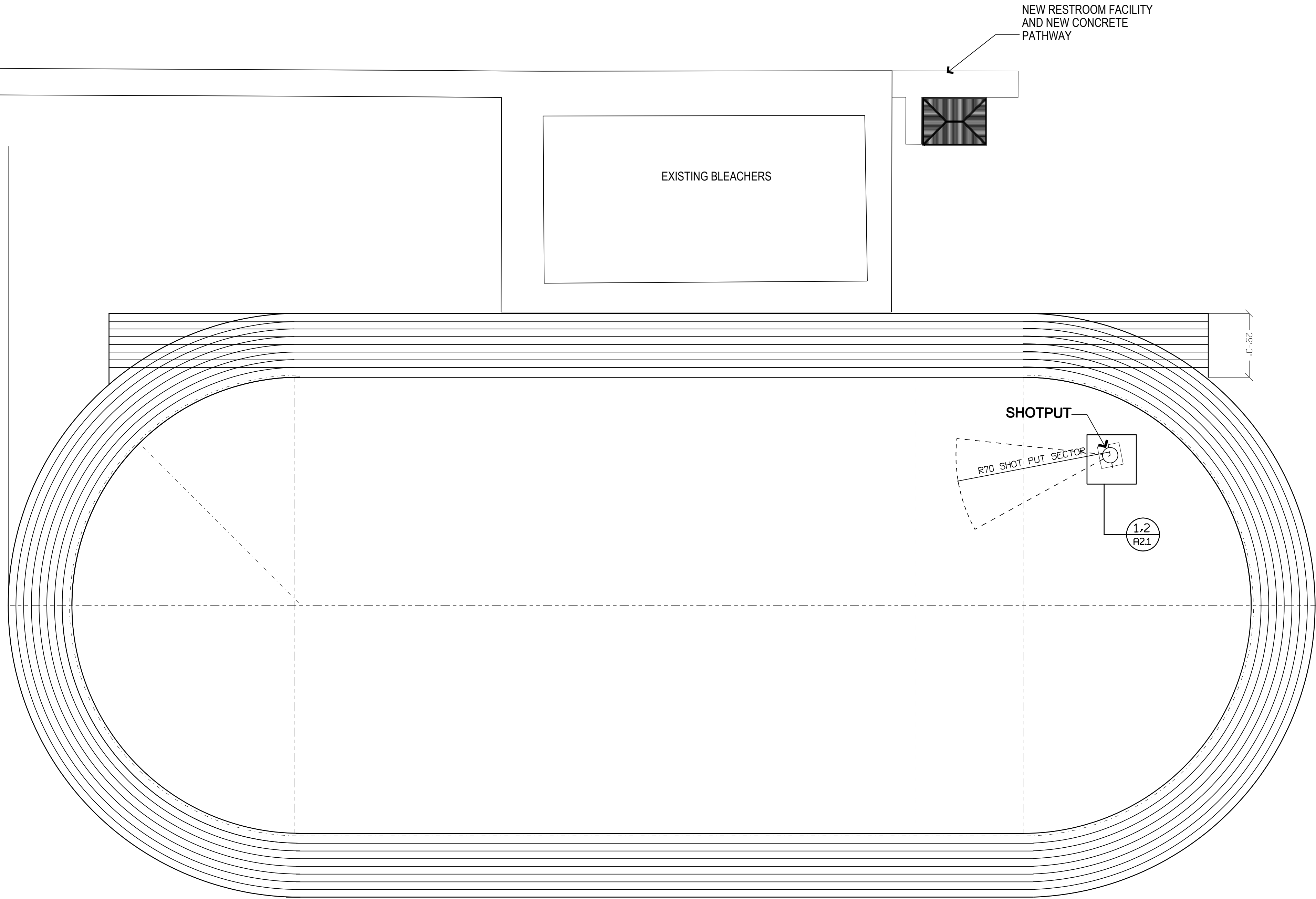
5A-5C VICORP
LAND, KINGSHILL
ST. CROIX, U.S.V.I.

POLE VAULT
LOCATION

REVISIONS	

DRAWN BY:	B.S. & O.C., LD
CHECKED BY:	deJONGH
SCALE:	1"=30'-0"
DATE:	05/27/2014
JOB NO:	2010.7B
SHEET:	

A1.7



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License No. P-2931-1B

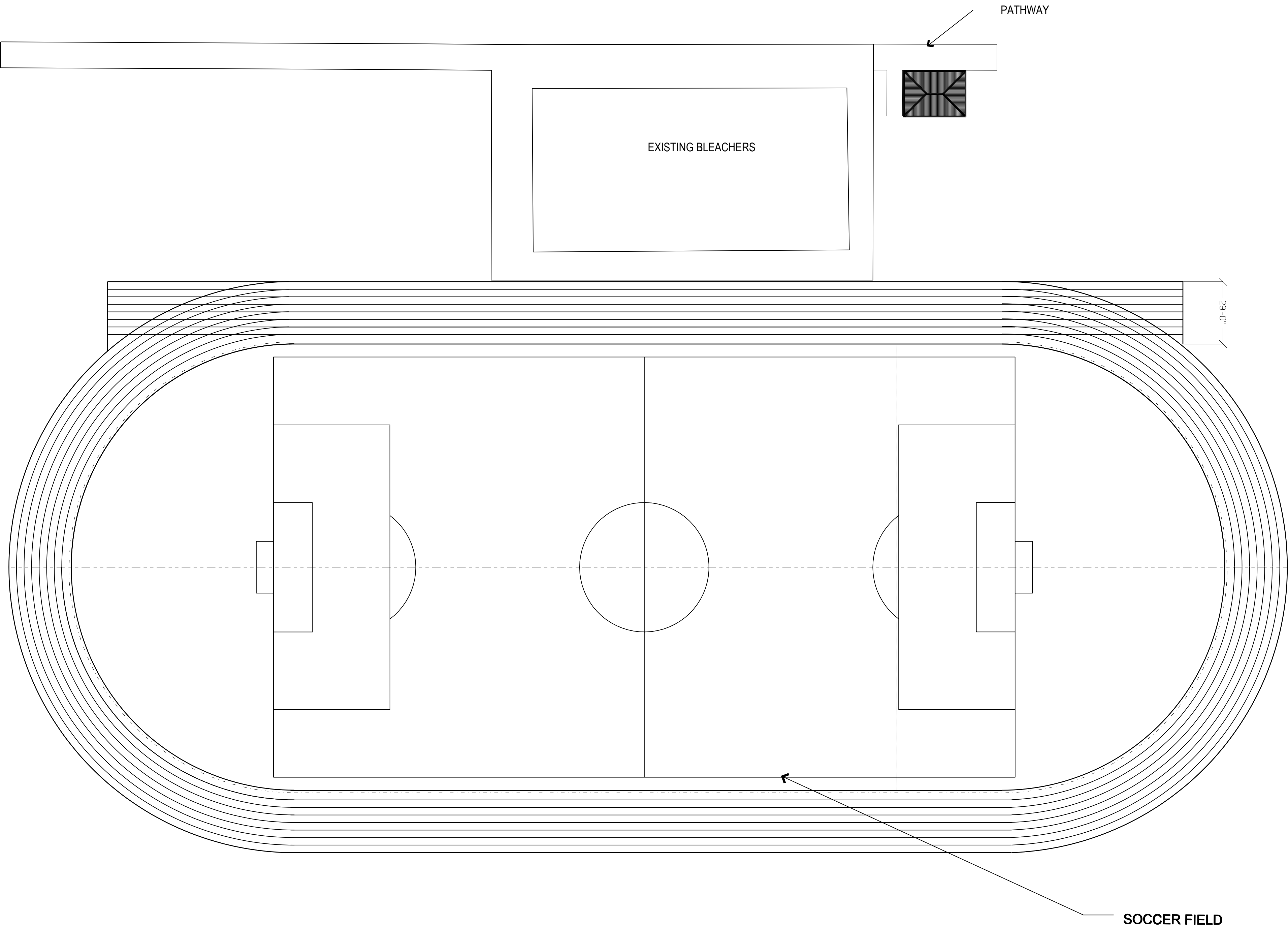
Donald S. Law, P.E.
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SHOT PUT
LOCATION

REVISIONS	

DRAWN BY:	B.S. & O.C., LD
CHECKED BY:	deJONGH
SCALE:	1" =30'-0"
DATE:	05/27/2014
JOB NO:	2010.7B
SHEET:	



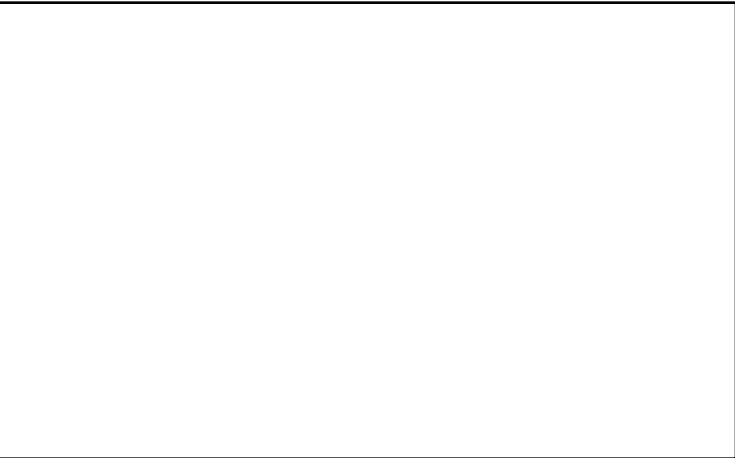


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ST. CROIX, U.S.V.I.

SOCCKER FIELD

REVISIONS	

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DATE:	05/27/2014
JOB NO:	2010.7B
SHEET:	A1.9

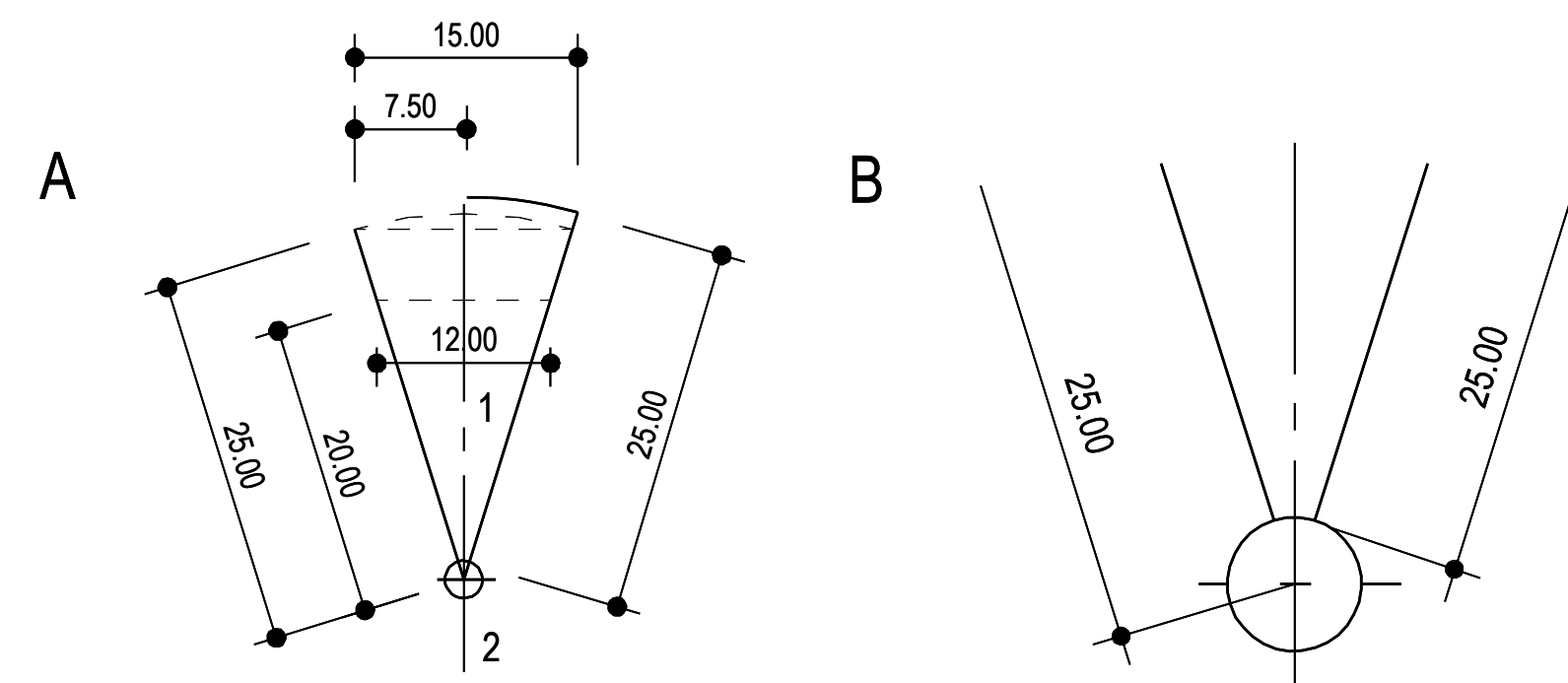
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SHOT PUT
HIGH JUMP
DETAILS

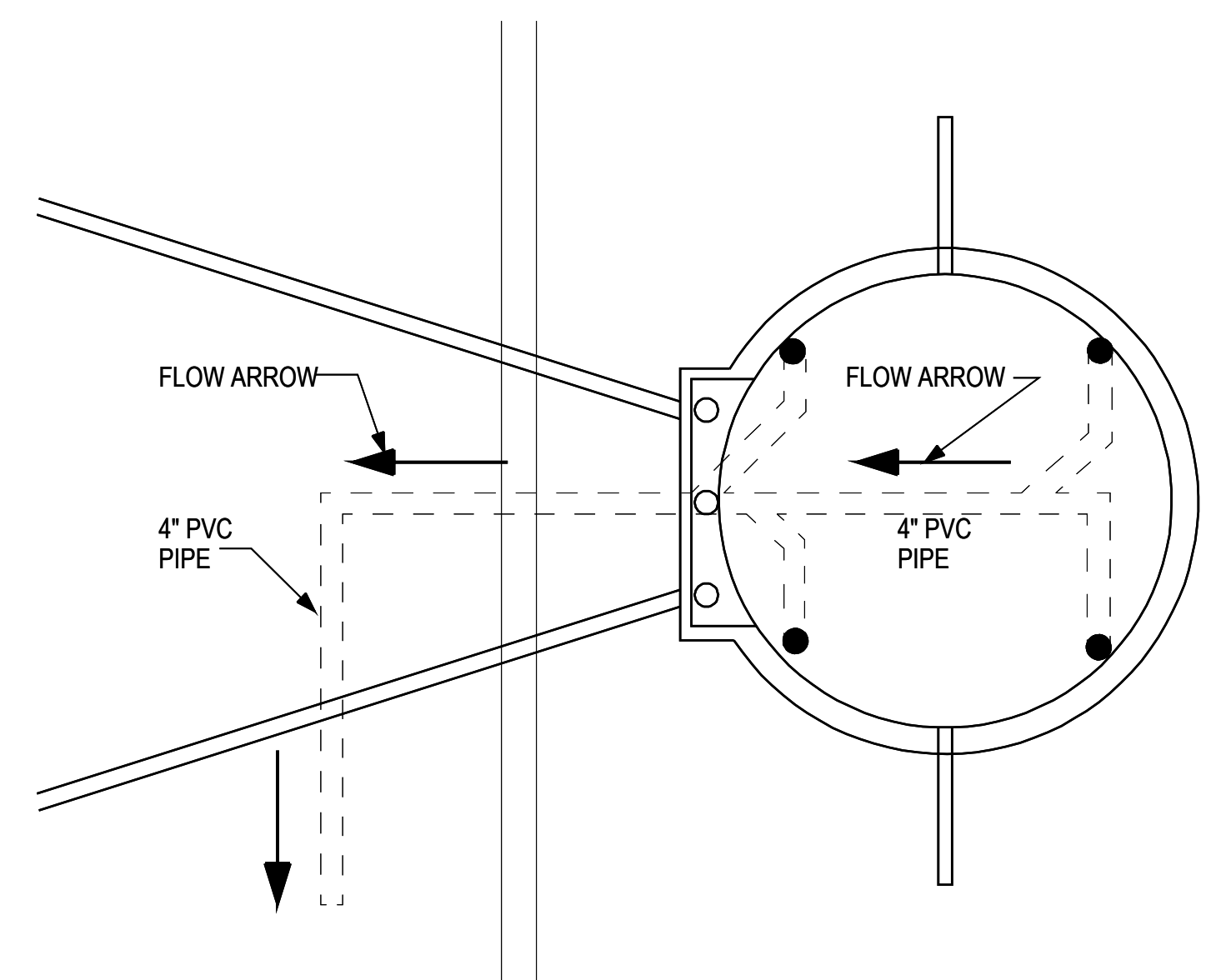
REVISIONS

DRAWN BY: B.S. & O.C.
CHECKED BY: deJONGH
SCALE: SEE DRAWING
DATE: 05/27/2014
JOB NO: 2010.7B
SHEET:

A2.1



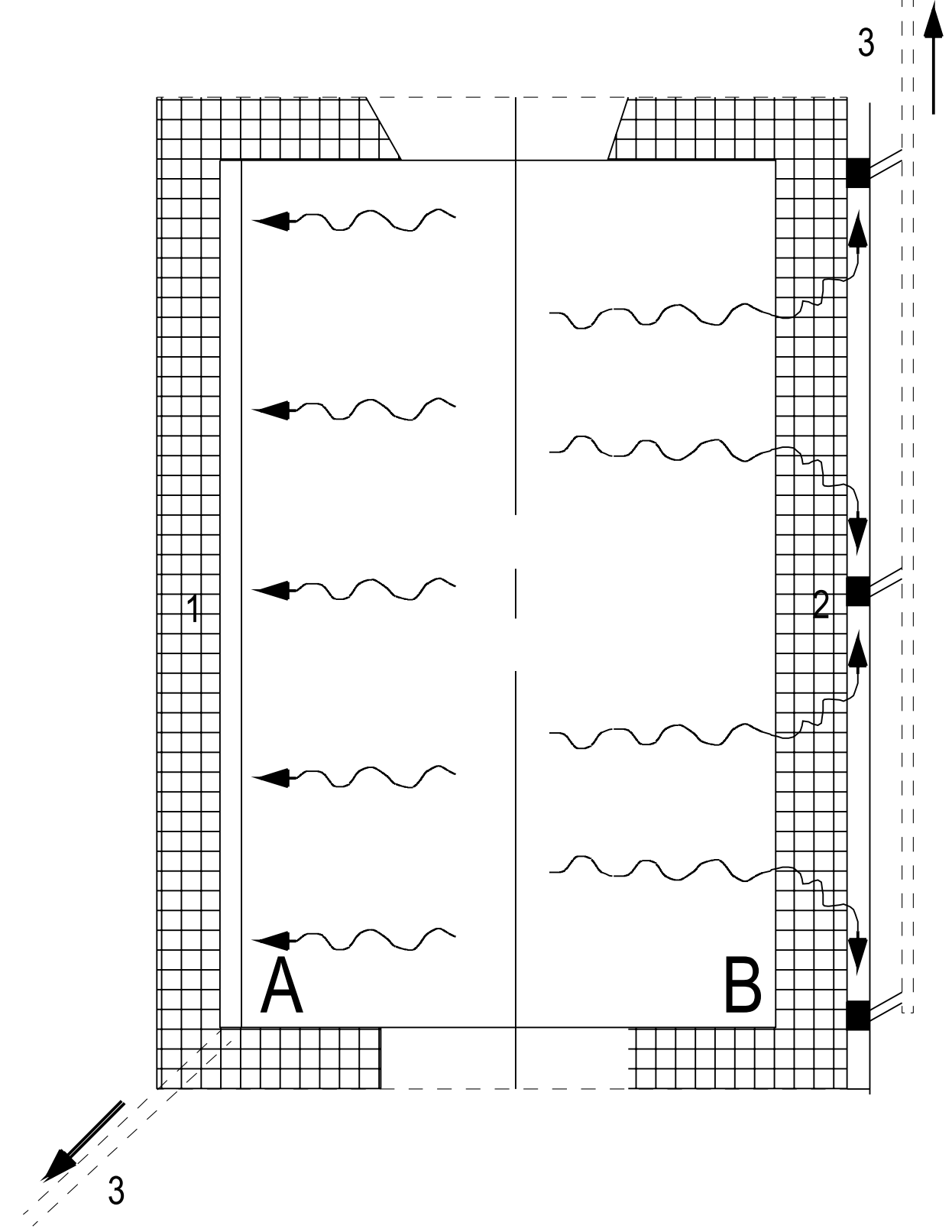
FACILITY FOR THE SHOT PUT (DIMENSIONS IN M)
A. SETTING OUT PLAN
B. MARKING PLAN
1. LANDING SECTOR
2. THROWING CIRCLE



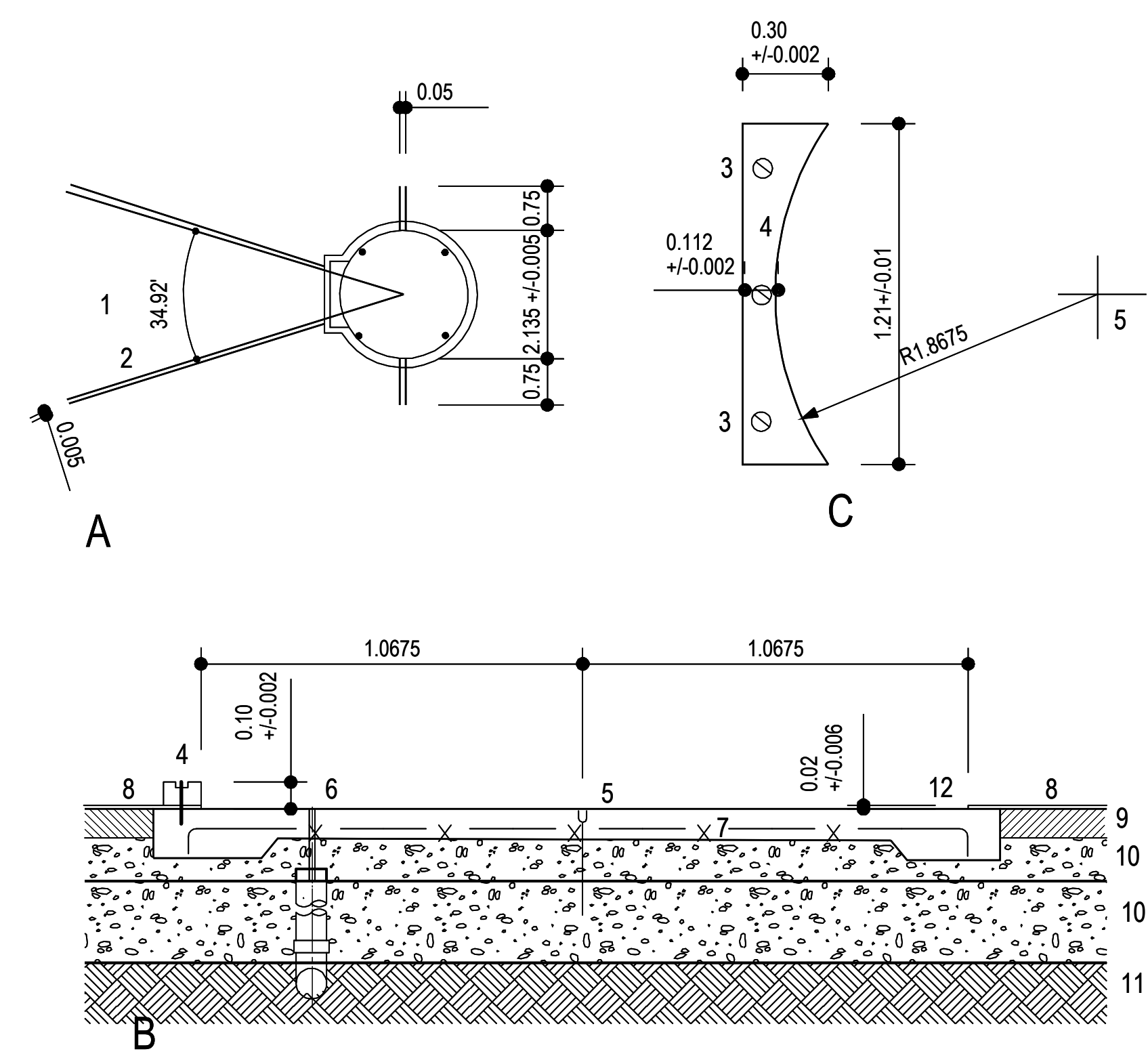
DRAINAGE OF SHOT PUT CIRCLE (ALSO APPLIES TO DISCUS & HAMMER)

1 SHOT PUT DETAIL AND NOTES
A2.2 SCALE: N.T.S = NOT TO SCALE

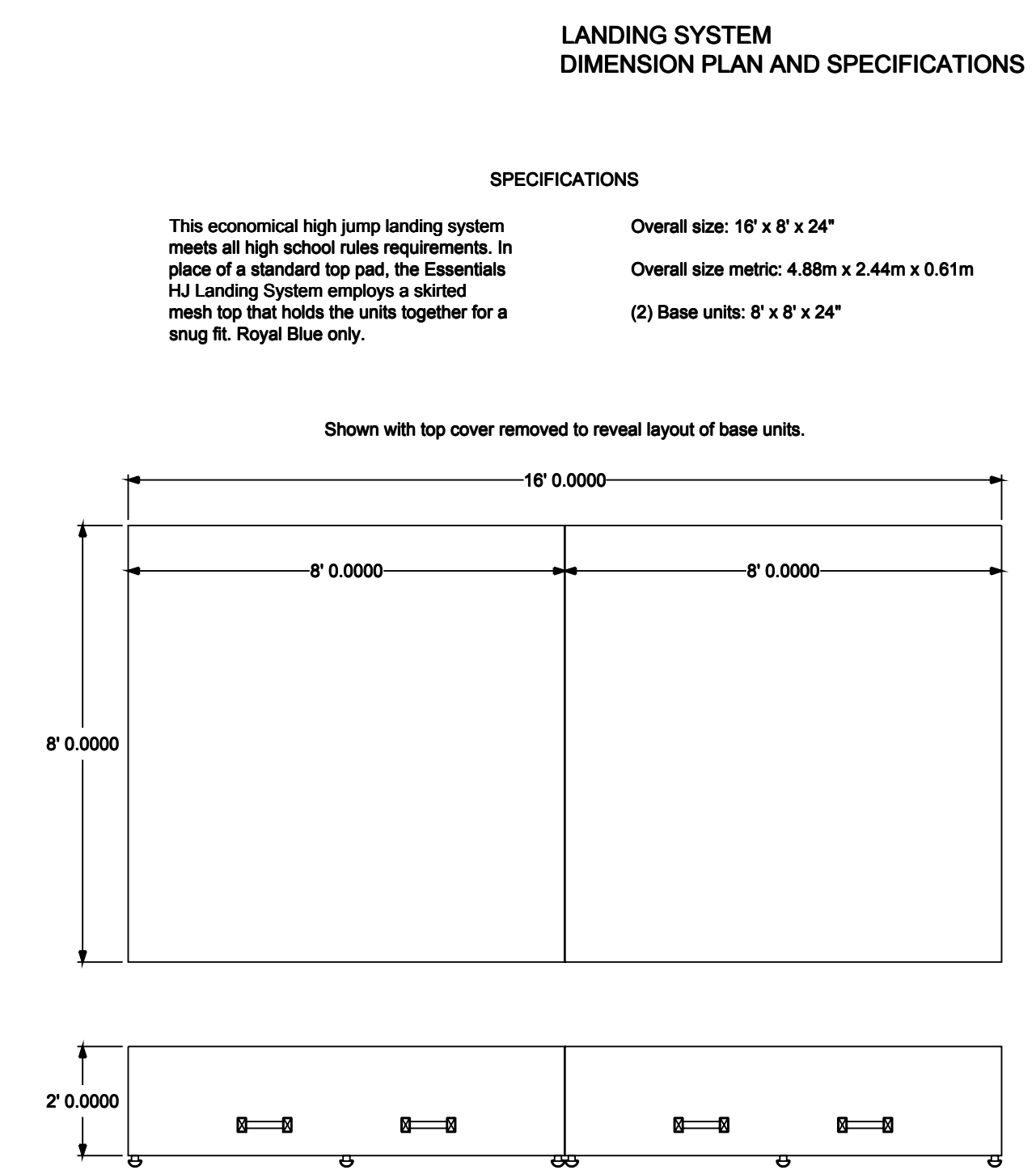
2 SHOT PUT DETAIL AND NOTES
A2.2 SCALE: N.T.S = NOT TO SCALE



ALTERNATIVE DRAINAGE METHODS FOR LANDING AREAS FOR JAVELIN, DISCUS, HAMMER, SHOT PUT
A. DRAINAGE SYSTEM WITH GUTTER COVERED WITH GRID
B. DRAINAGE SYSTEM WITH OPEN GUTTER & GULLEYS
1. PAVED PASSAGE WITH GRID GUTTER
2. PAVED PASSAGE WITH OPEN GUTTER
3. SEEPAGE LINE (CANAL)



SHOT PUT CIRCLE (DIMENSIONS IN M)
A. LAYOUT PLAN
B. DETAIL SECTION
C. STOP BOARD
1. LANDING SECTOR
2. MARKING FOR THE LANDING SECTOR
3. FASTENING ATTACHMENT
4. STOP BOARD
5. CENTRING HOLE 4MM DIAMETER (BRASS TUBE)
6. DRAINAGE PIPE
7. CONCRETE BASE WITH REINFORCING MESH
8. SYNTHETIC SURFACE
9. ASPHALTIC CONCRETE
10. GRAVEL BASE LAYER
11. SUBGRADE
12. CIRCULAR METAL RIM

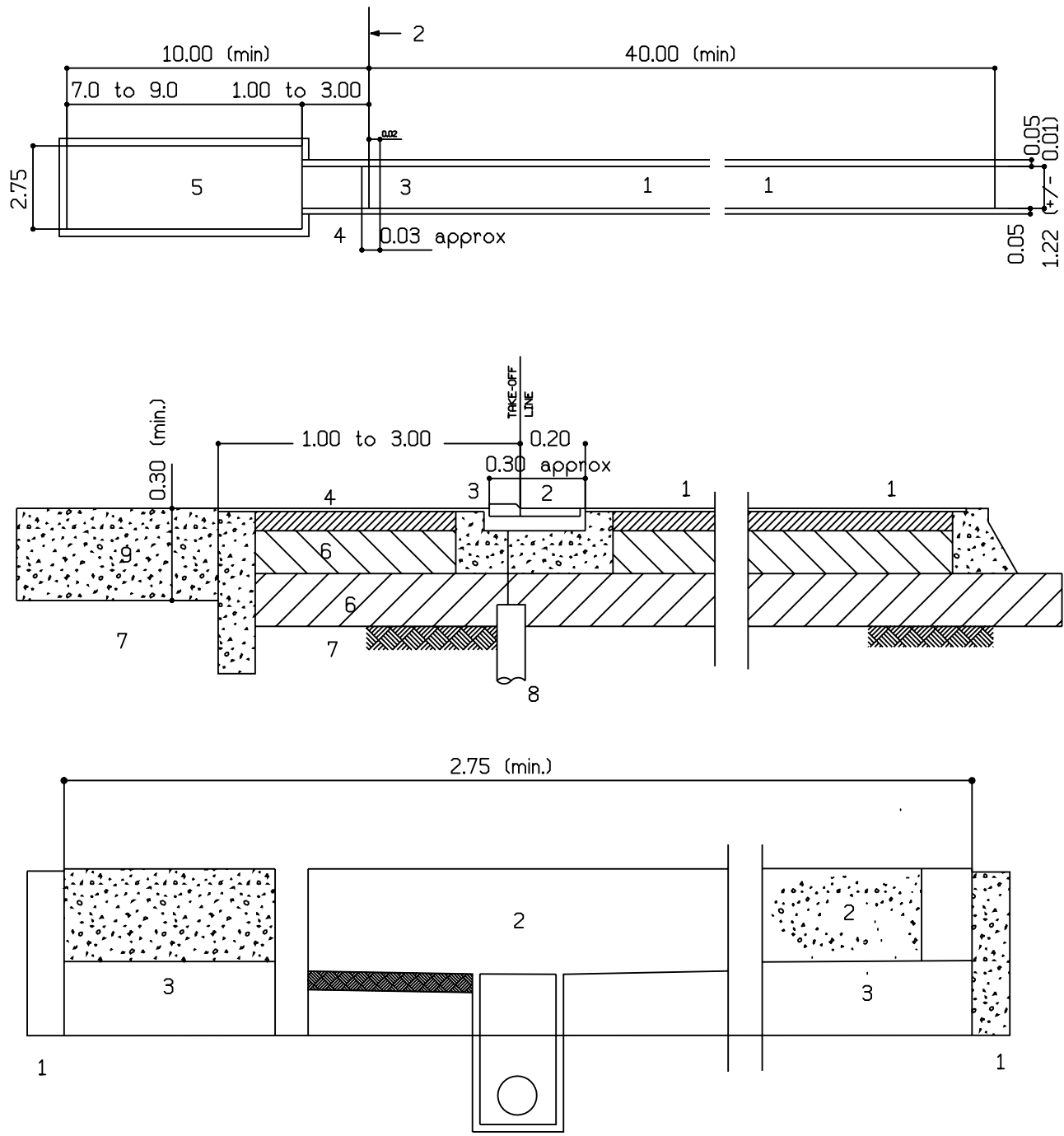


LANDING SYSTEM
DIMENSION PLAN AND SPECIFICATIONS
SPECIFICATIONS
This economical high jump landing system meets all high school rules requirements. In place of a standard top pad, the Essentials HJ Landing System employs a skirted mesh top that holds the units together for a snug fit. Royal Blue only.
Overall size: 16' x 8' x 24"
Overall size metric: 4.88m x 2.44m x 0.61m
(2) Base units: 8' x 8' x 24"

3 SHOT PUT DETAIL AND NOTES
A2.2 SCALE: N.T.S = NOT TO SCALE

5 HIGH JU,MP PAD DETAILS
A2.2 SCALE: N.T.S = NOT TO SCALE

CONSTRUCTION DOCUMENTS
ISSUED FOR BID



FACILITY FOR THE LONG JUMP (DIMENSION IN M)

A. LAYOUT PLAN

1. RUNWAY 40M (MIN.)
2. TAKE-OFF LINE
3. TAKE-OFF BOARD
4. BUILT-IN TRAY
5. LANDING AREA

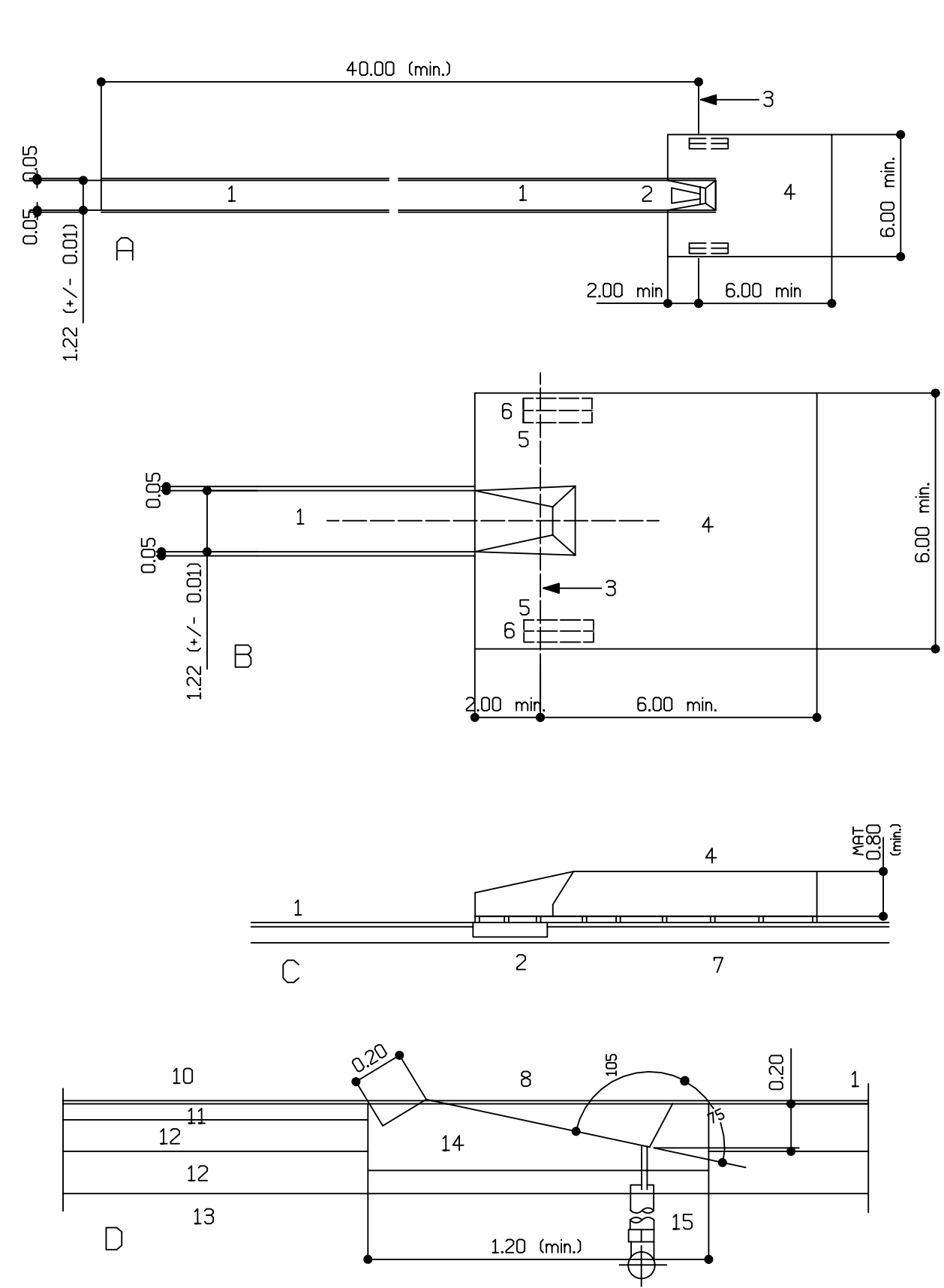
C. CROSS SECTION OF LANDING AREA

1. PIT EDGE
2. WASHED RIVER SAND 0 TO 2 MM GRAINING NO ORGANIC COMPONENTS, 5% OF WEIGHT UP TO 0.20MM
3. SUBGRADE
4. DRAINAGE GRAVEL
5. GEO FABRIC MATERIAL
6. SUBSOIL DRAINAGE PIPE

B. LONGITUDINAL SECTION OF BUILT-IN TRAY FOR TAKE-OFF BOARD

1. RUNWAY
2. REMOVABLE TAKE-OFF BOARD WITH ADJUSTABLE LEGS
3. BUILT-IN TRAY
4. SYNTHETIC SURFACE
5. ASPHALTIC CONCRETE LAYER
6. GRAVEL BASE LAYER
7. SUBGRADE
8. TRAY DRAINAGE
9. LANDING AREA

1 FACILITY FOR THE LONG JUMP AND NOTES



FACILITY FOR THE POLE VAULT (DIMENSION IN M)

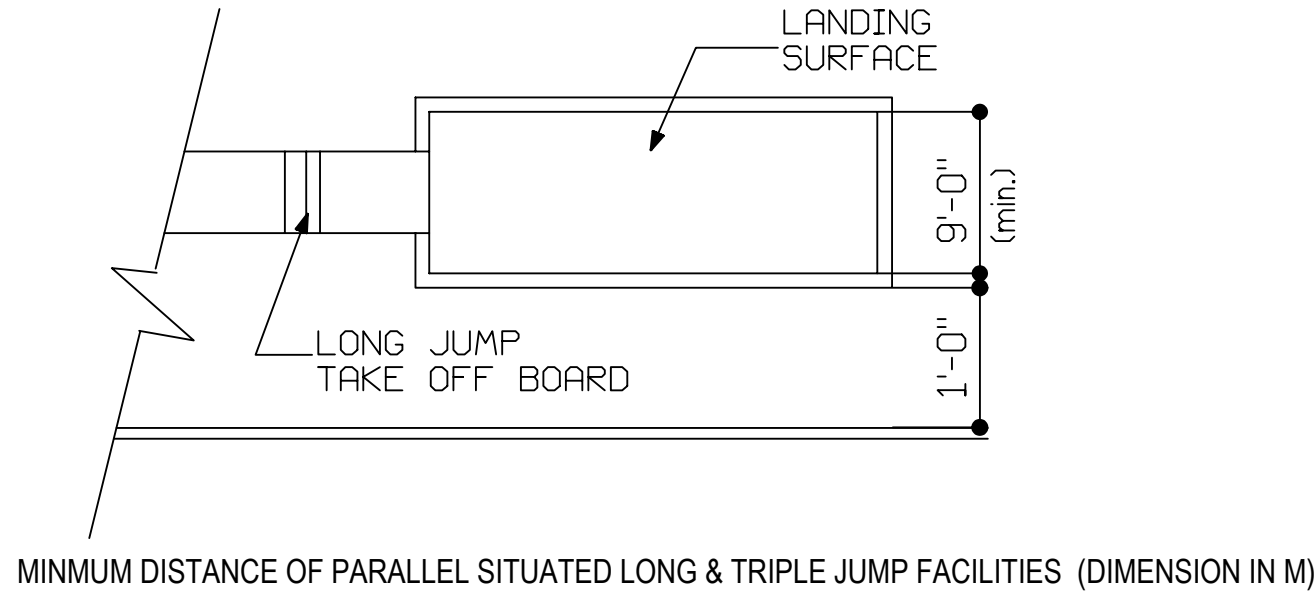
A. LAYOUT PLAN

B. DETAILED LAYOUT PLAN

1. RUNWAY
2. TAKE-OFF BOX
3. O-LINE
4. LANDING MAT
5. INSTALLATION ZONE OR GROUND SOCKETS FOR UPRIGHTS
6. PROTECTIVE PAD
7. GRID
8. COVER PLATE
9. FLANGE
10. SYNTHETIC SURFACE
11. ASPHALTIC CONCRETE
12. GRAVEL BASE LAYER
13. SUBGRADE
14. CONCRETE
15. DRAINAGE PIPE

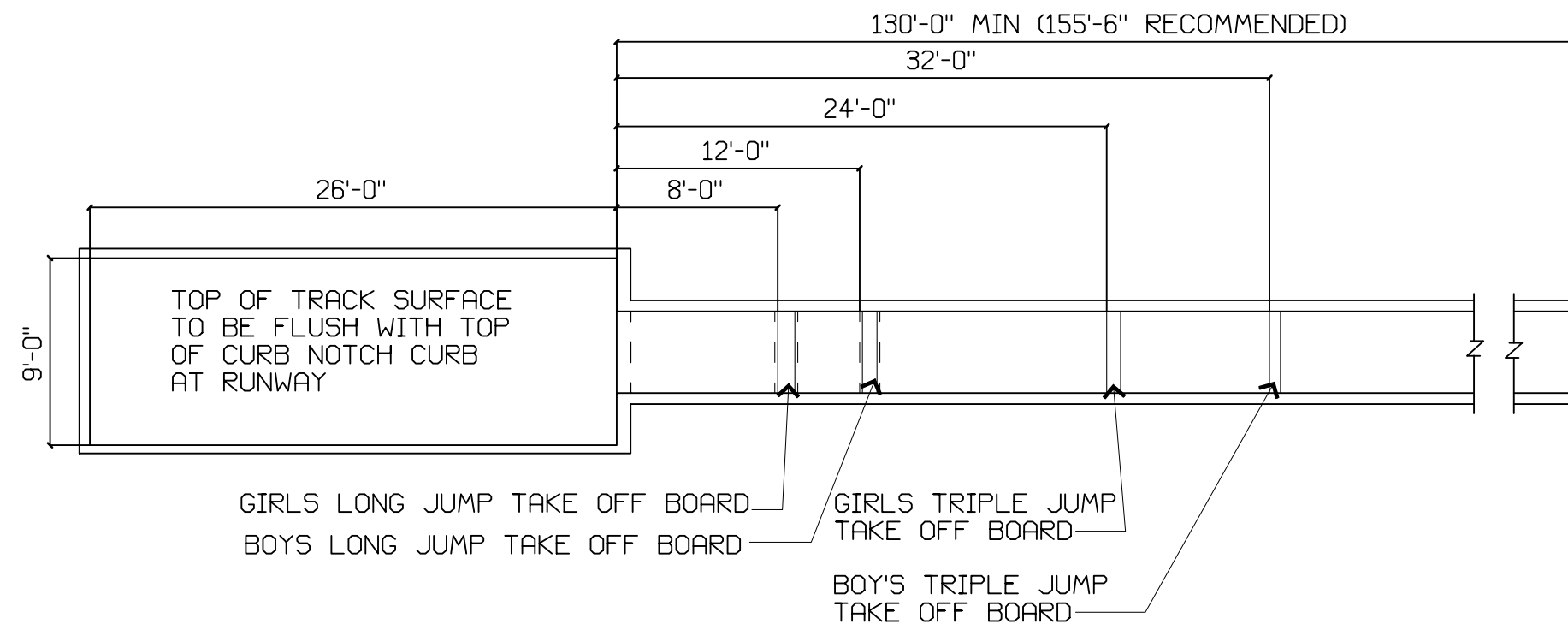
C. LONGITUDINAL SECTION

D. LONGITUDINAL SECTION OF THE TAKE-OFF BOX



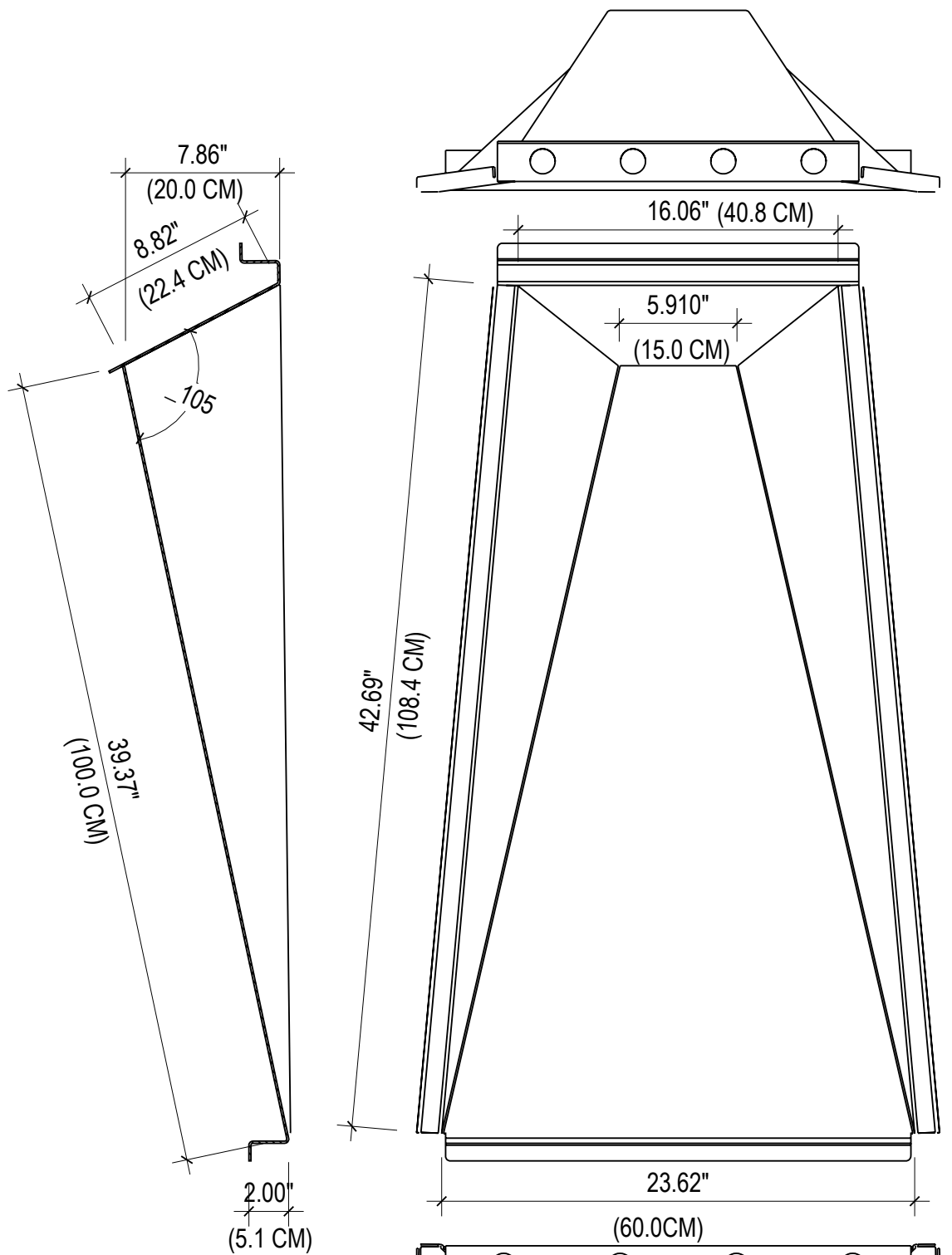
2 LONG AND TRIPLE JUMP FACILITY AND NOTES

A2.4 SCALE: N.T.S = NOT TO SCALE



3 LONG/TRIPLE LONG JUMP EVENT RUNWAY

A2.4 SCALE: N.T.S = NOT TO SCALE



STAINLESS STEEL VAULT BOX

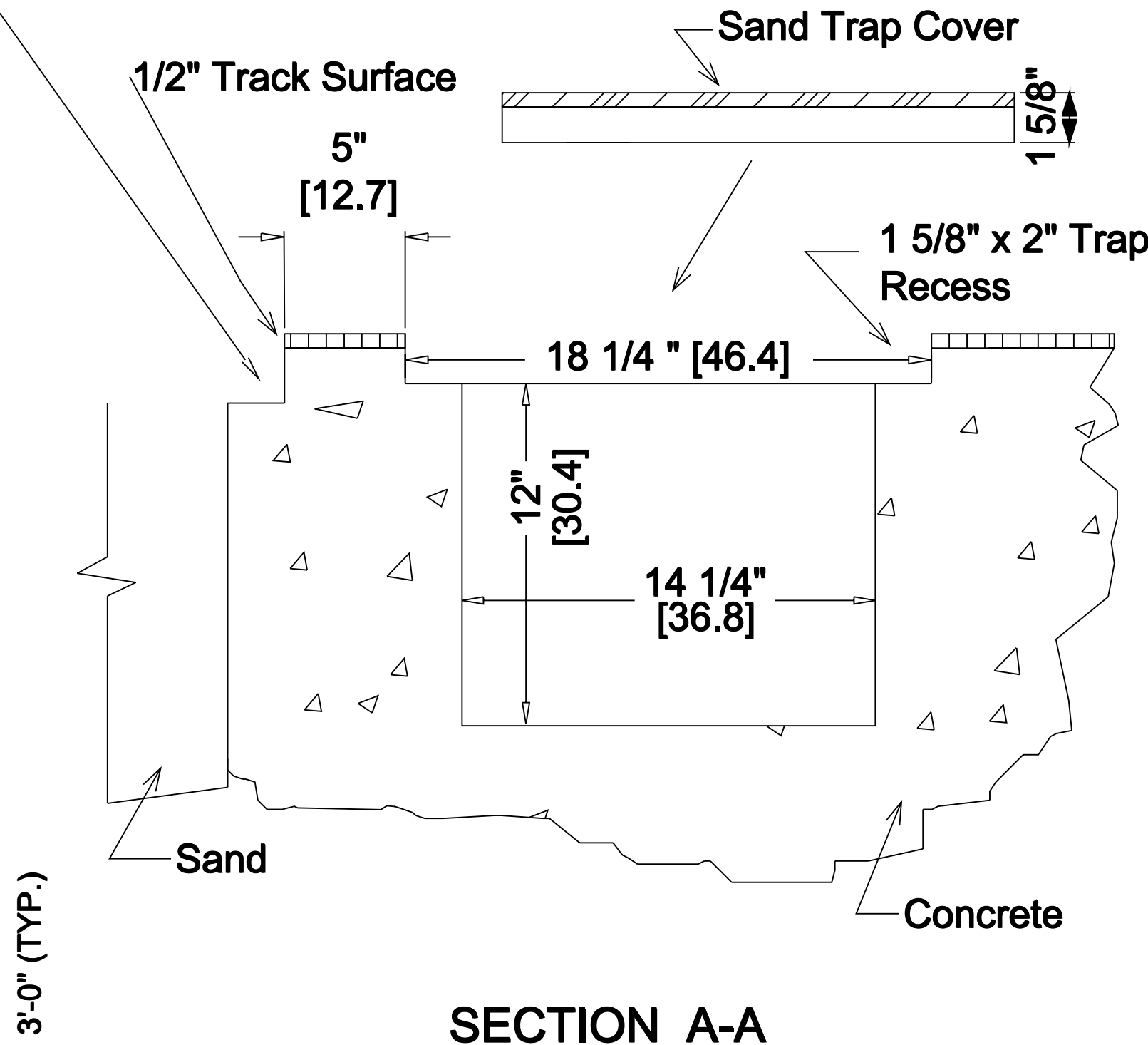
SPECIFICATIONS:

VAULT BOX IS FABRICATED FROM 12 GAGE (0.105" THICK) 304 STAINLESS STEEL. THE SIDE & BOTTOM OF BOX ARE FORMED FROM ONE PIECE OF STAINLESS STEEL. THE BACK WALL IS A SEPARATE PIECE OF STAINLESS STEEL CONTINUOUS WELDED TO THE CHANNEL. OUTSIDE EDGES ARE FOLDED DOWN TO MINIMIZE SHARP EDGES. ENDS OF VAULT BOX HAS WINGS WITH HOLES TO LOCK THE VAULT BOX IN THE CONCRETE. EXTERIOR SURFACES ARE INCOATED.

6 POLE VAULT BOX DETAIL AND NOTES

A2.4 SCALE: N.T.S = NOT TO SCALE

2 7/16" x 2" Sand Pit Recess
(Recess is Optional for PIT COVER SET)



SECTION A-A

4 SAND TRAP SECTION

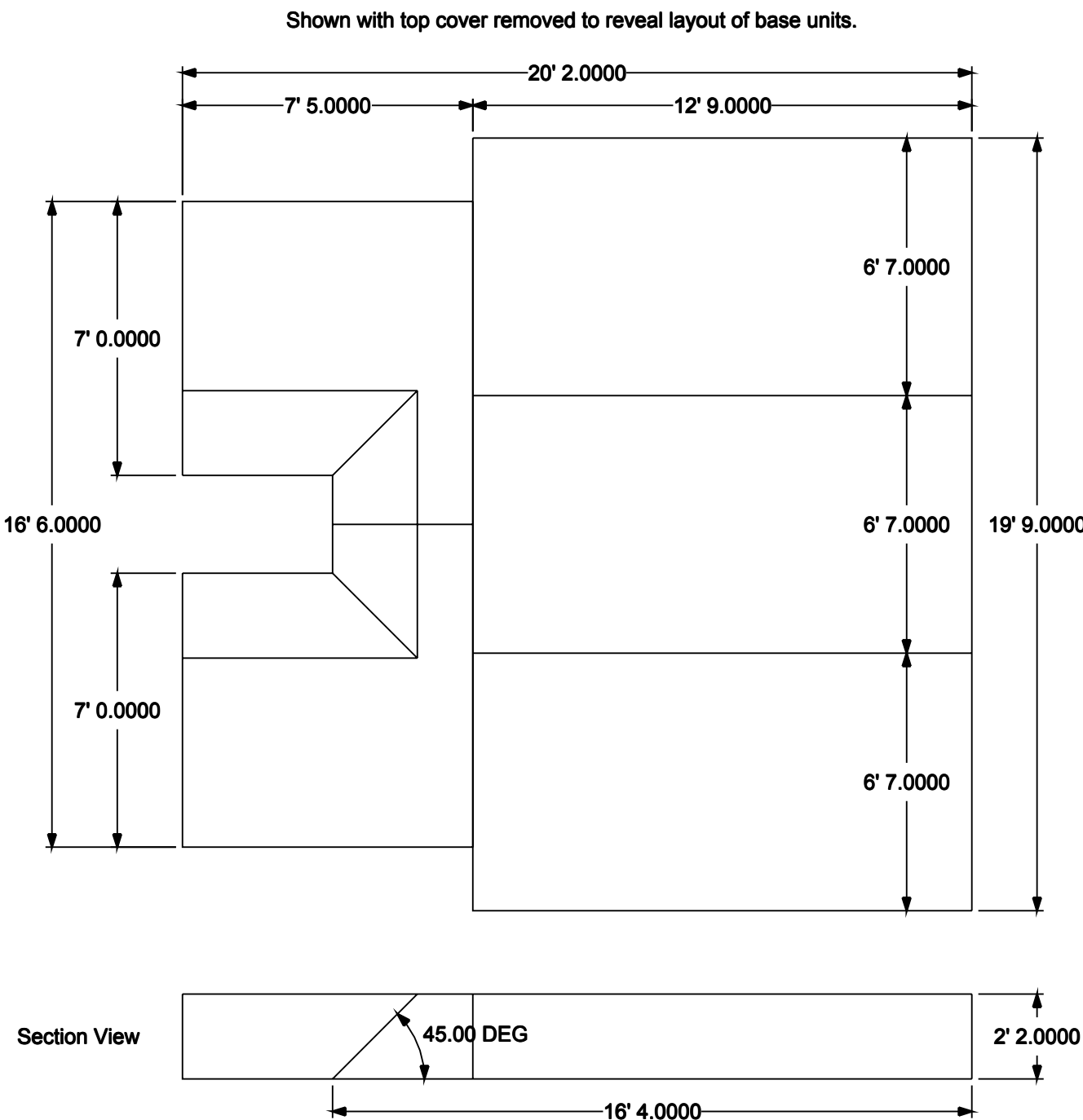
A2.4 SCALE: N.T.S = NOT TO SCALE

ESSENTIALS POLE VAULT LANDING SYSTEM
DIMENSION PLAN AND SPECIFICATIONS

SPECIFICATIONS

This economical pole vault landing system meets all high school rules requirements, including the recommended preferred landing zone. In place of a standard top pad, the Essential PV Landing System employs a skirted mesh top that holds the units together for a snug fit. Royal Blue only.

Overall size: 19'-9" x 20'-2" x 26"
Overall size metric: 6.02m x 6.15m x 0.66m
(3) Base units: 6'-7" x 12'-9" x 26"
(2) Front Slant units: 8'-3" x 7'-5" x 26"



Section View

5 POLE VAULT DETAIL AND NOTES

A2.4 SCALE: N.T.S = NOT TO SCALE

7 POLE VAULT BOX LANDING DETAIL AND NOTES

A2.4 SCALE: N.T.S = NOT TO SCALE

CONSTRUCTION DOCUMENTS

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PROJECT
5A-5C VICORP
LAND, KINGSHILL
ST. CROIX, U.S.V.I.

LONG/TRIPLE JUMP
SAND TRAP & POLE
VAULT DETAILS

REVISIONS

DRAWN BY: B.S. & O.C.
CHECKED BY: deJONGH
SCALE: SEE DRAWING
DATE: 05/27/2014
JOB NO: 2010.7B
SHEET:

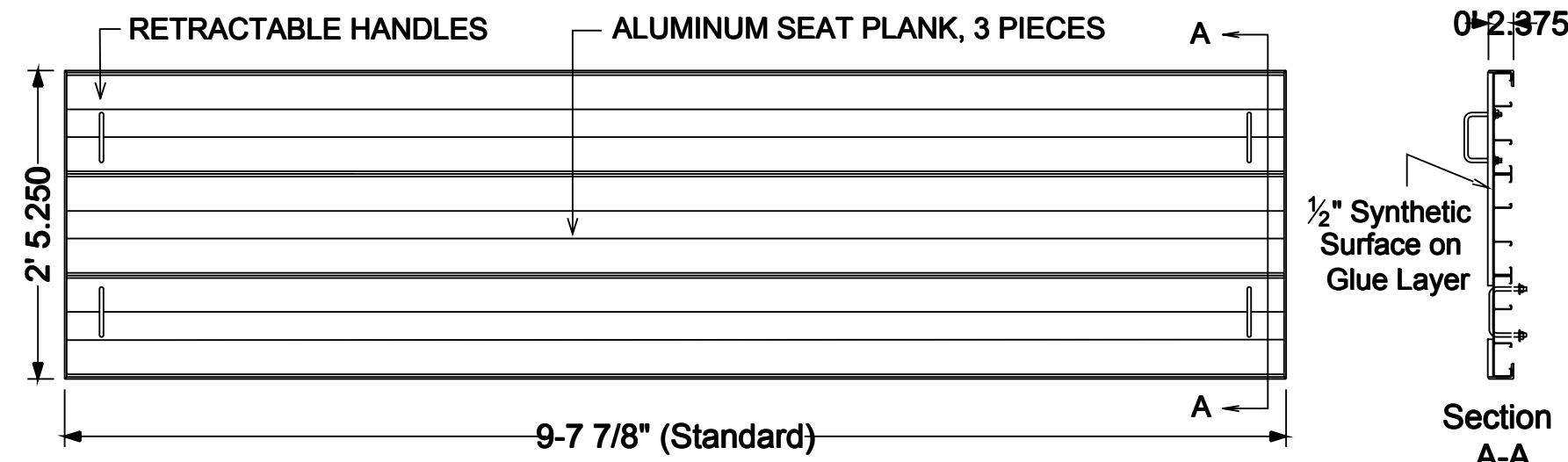
A2.2

LONG & TRIPLE JUMP SAND PIT COVER

SPECIFICATIONS

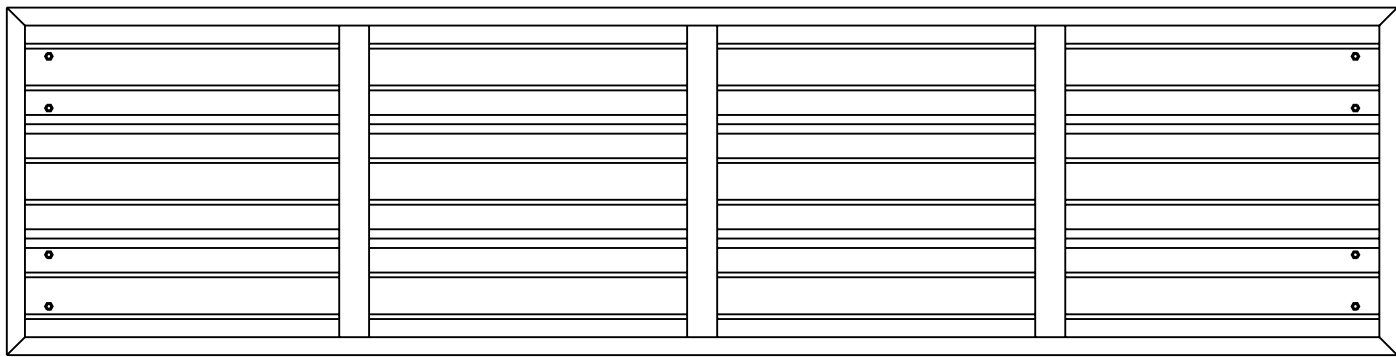
The Long Jump & Triple Jump Sand Pit Cover is fabricated from 9 5/8" x 1 3/4" x 1/8" wall, extruded 6061-T6 aluminum seat plank. Three planks per panel are securely welded together in a frame of 2 3/8" x 1 1/2" x 3/16" aluminum angle. Each panel comes with four retractable handles for easy installation and removal. A 2" wide supporting

recess is required on each side wall for the panels. This recess is not required on the end walls. Standard panel width is 9' 7 7/8". To ensure proper fit, manufacture commences only upon receipt of form SE730148-2. A typical sand pit requires 10-11 cover panels. For longer pits, add 29 1/8" to the pit length for each additional panel. Measurements in brackets are in centimeters.

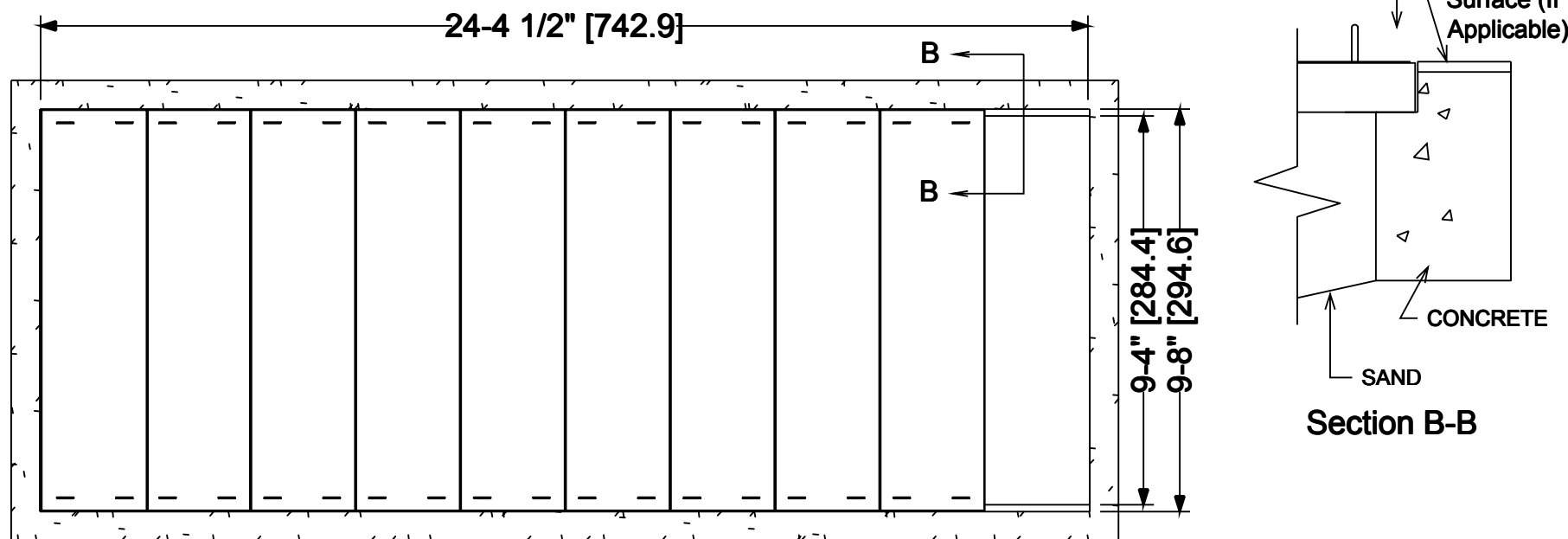


NOTE: Track surface material is to be installed in panels by contractor.

FRAME - 2 3/8" x 1 1/2" aluminum angle.



NOTE: For a 1/2" synthetic surface, a 2 7/16" deep x 2" wide recess (including synthetic surface) on side walls is required to support cover panels. Sand trap systems may require a wider recess.

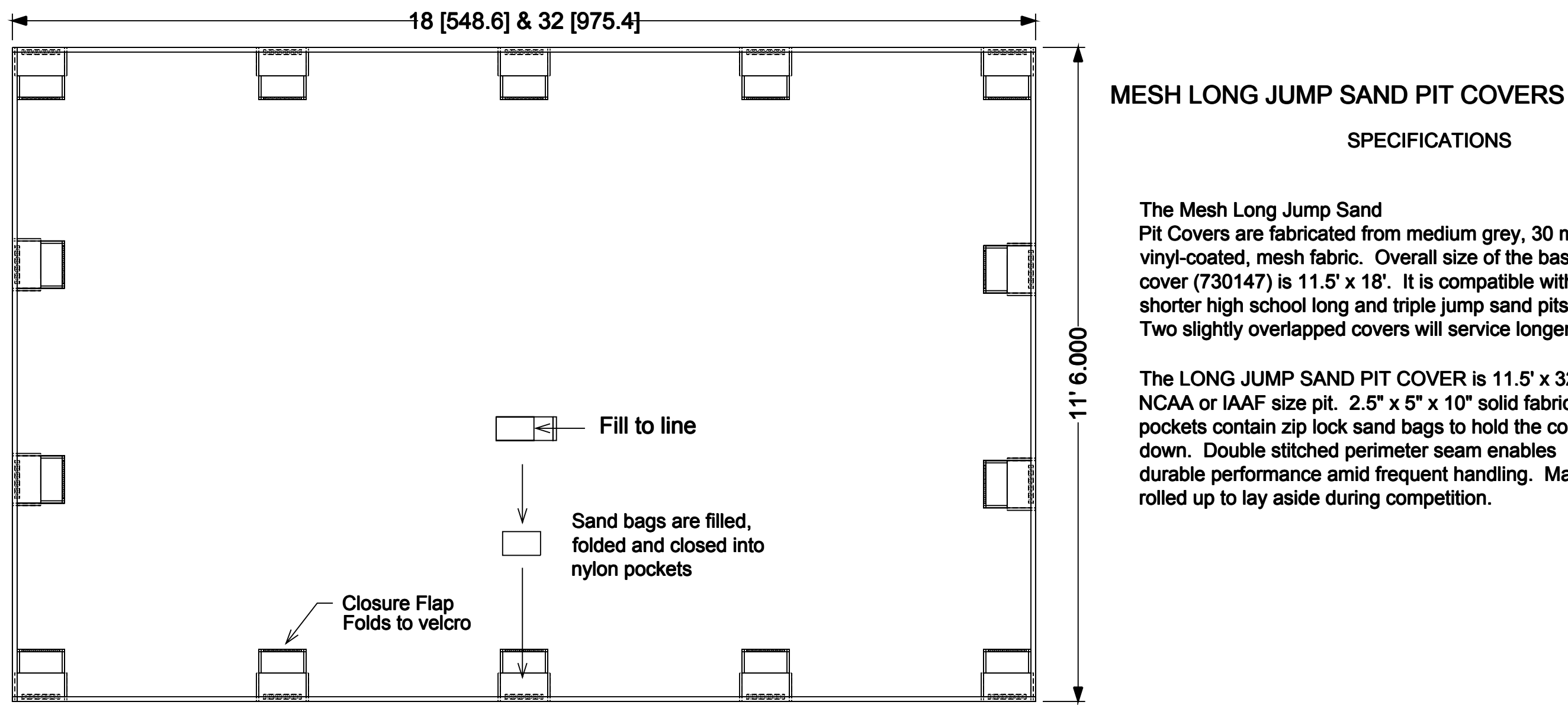
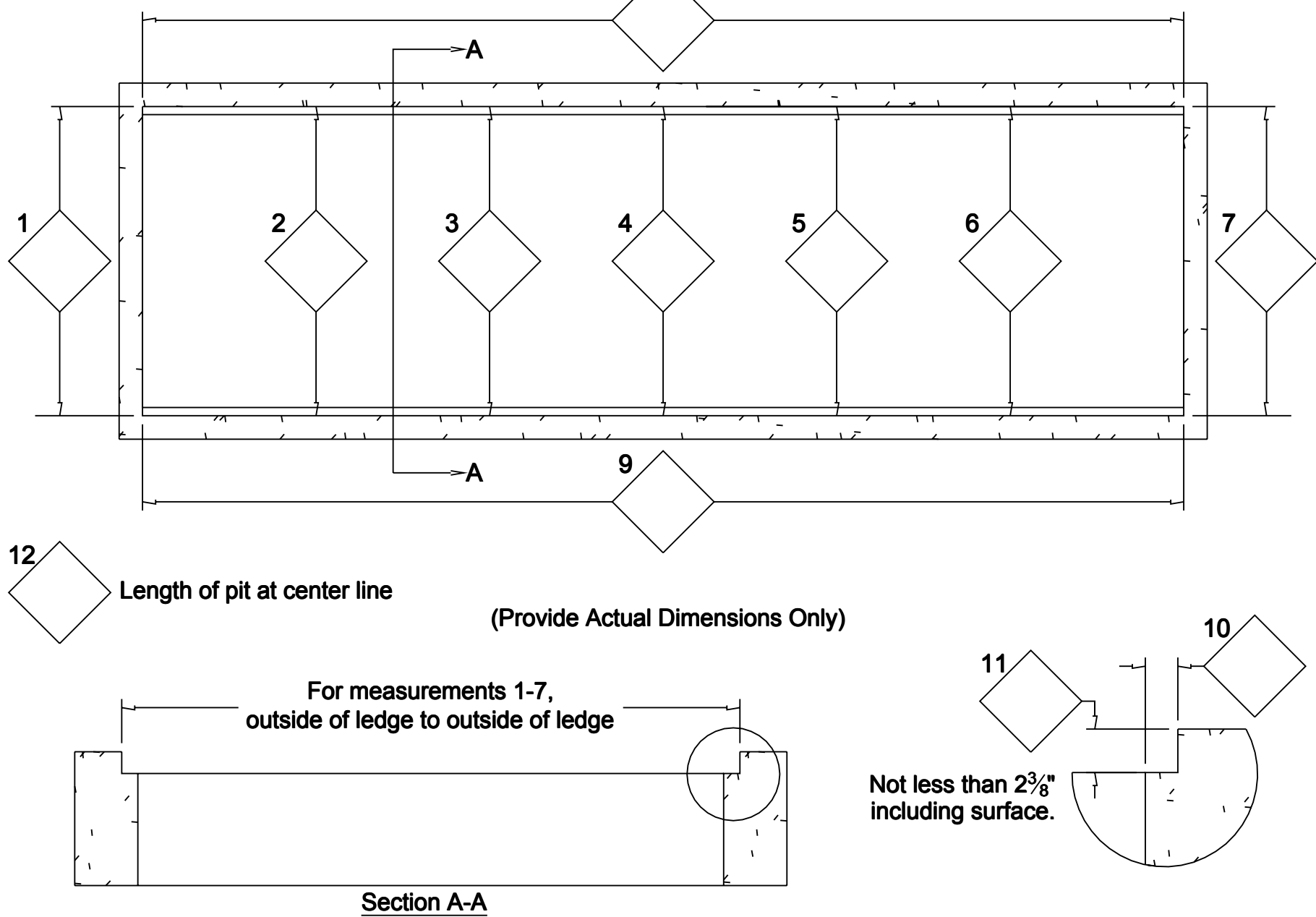


NOTE: Typical sand pit requiring 10 cover panels shown, one cover is removed. For longer sand pits, add 29 1/4" for each additional panel required.

LONG AND TRIPLE JUMP SAND PIT DIMENSION CERTIFICATION FORM

INSTRUCTIONS

Use this form to record measurements of the long and triple jump sand pit for which a cover order is requested. Record ACTUAL measurements to within 1/16" [1mm]. There are twelve entry boxes provided to record the measurements taken. Width measurements, 1 - 7, include the cover ledge on each side. Measurements 2 - 6 should be evenly spaced along the length of the pit, with measurement 4 at the middle. Please fill in the project, point of contact, and certification information in the blank spaces provided. For new construction, the approval signature block must be signed by a facility officer to certify that the existing pit dimensions have been fully accepted by the purchasing authority. Panels will be built 1/2" smaller than the shortest width listed unless special instructions are received. Special modified cover panels can be built for existing pits built without a supporting shelf in the wall.



MESH LONG JUMP SAND PIT COVERS

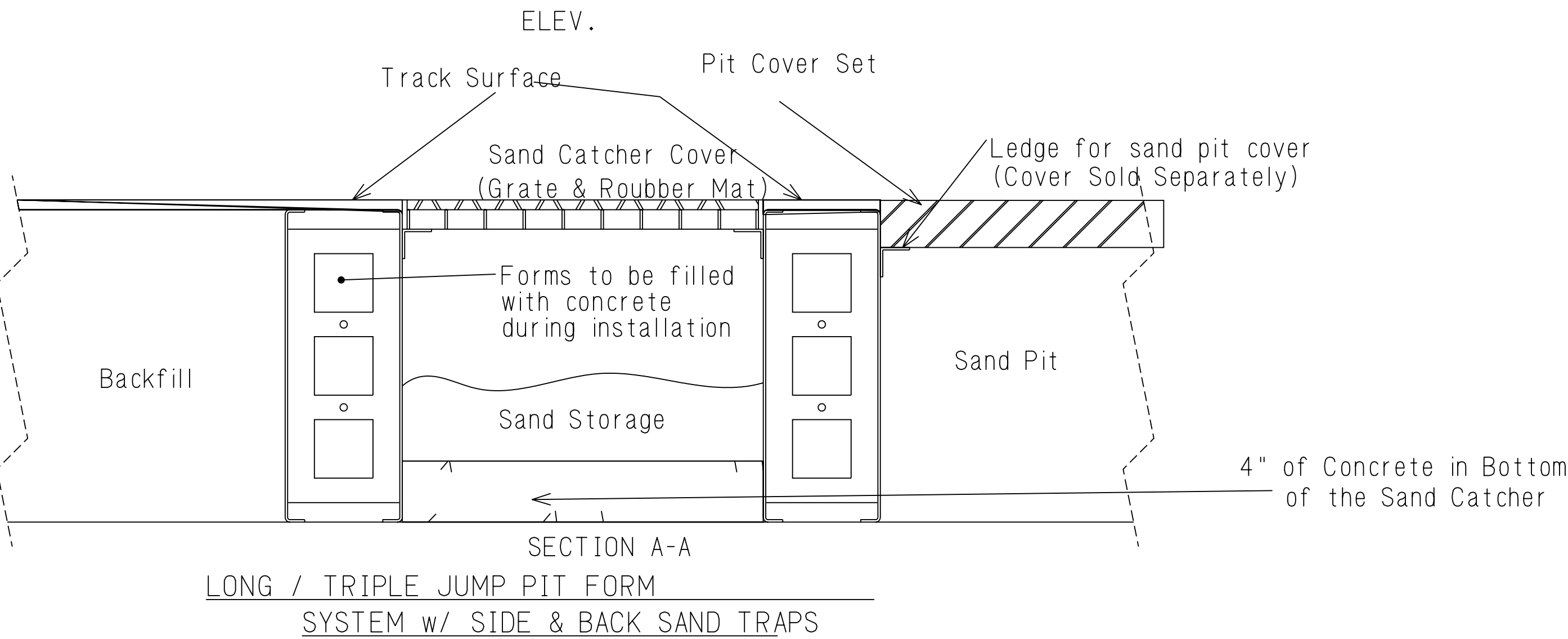
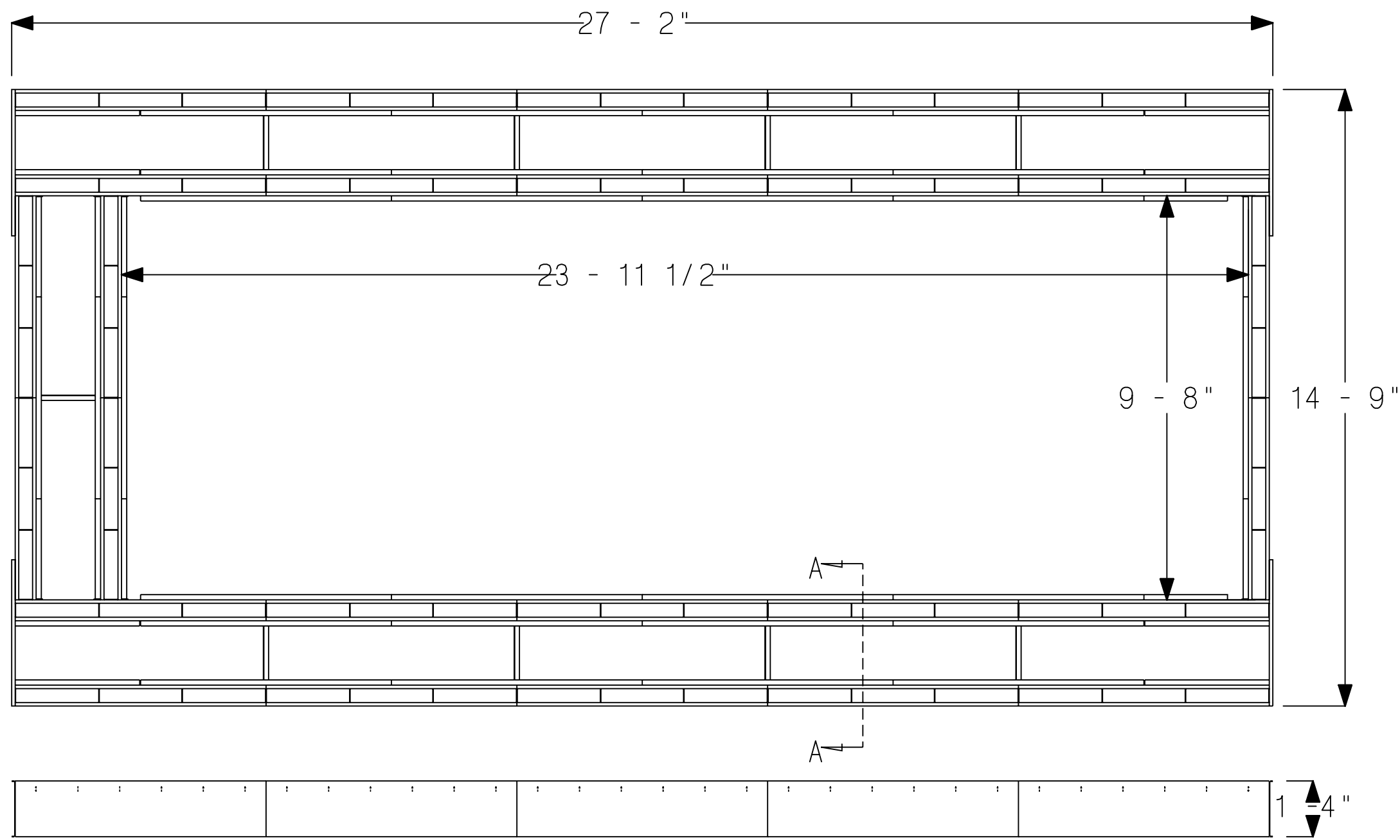
SPECIFICATIONS

The Mesh Long Jump Sand Pit Covers are fabricated from medium grey, 30 mil, vinyl-coated, mesh fabric. Overall size of the basic cover (730147) is 11.5' x 18'. It is compatible with shorter high school long and triple jump sand pits. Two slightly overlapped covers will service longer pits.

The LONG JUMP SAND PIT COVER is 11.5' x 32' and will cover any NCAA or IAAF size pit. 2.5" x 5" x 10" solid fabric pockets contain zip lock sand bags to hold the cover down. Double stitched perimeter seam enables durable performance amid frequent handling. May be rolled up to lay aside during competition.

2 LONG & TRIPLE JUMP SAND PIT LAYOUT AND NOTES

A2.3 SCALE: NOT TO SCALE



3 LONG & TRIPLE JUMP SAND PIT LAYOUT AND NOTES

A2.3 SCALE: NOT TO SCALE

CONSTRUCTION DOCUMENTS
ISSUED FOR BID



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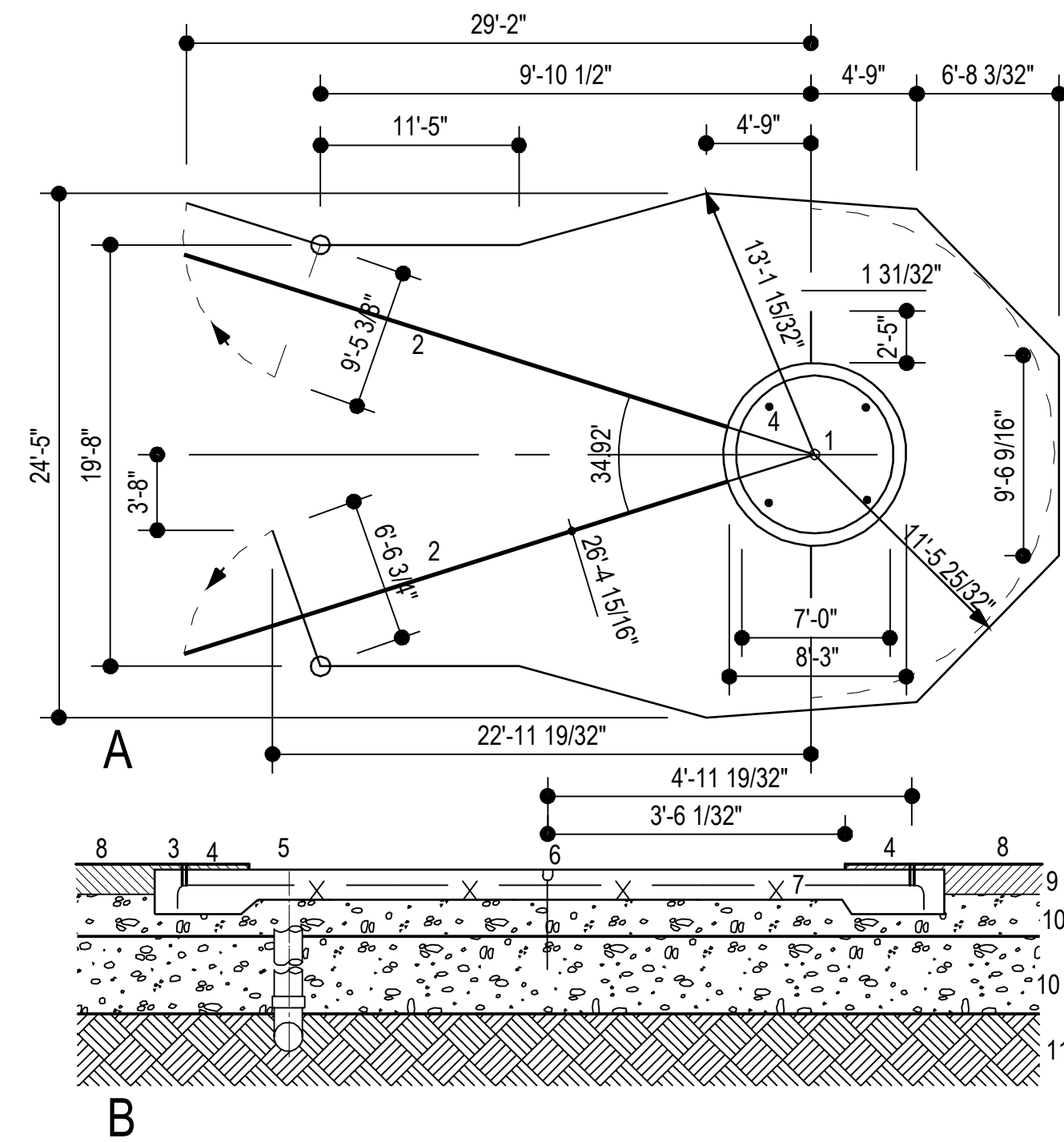
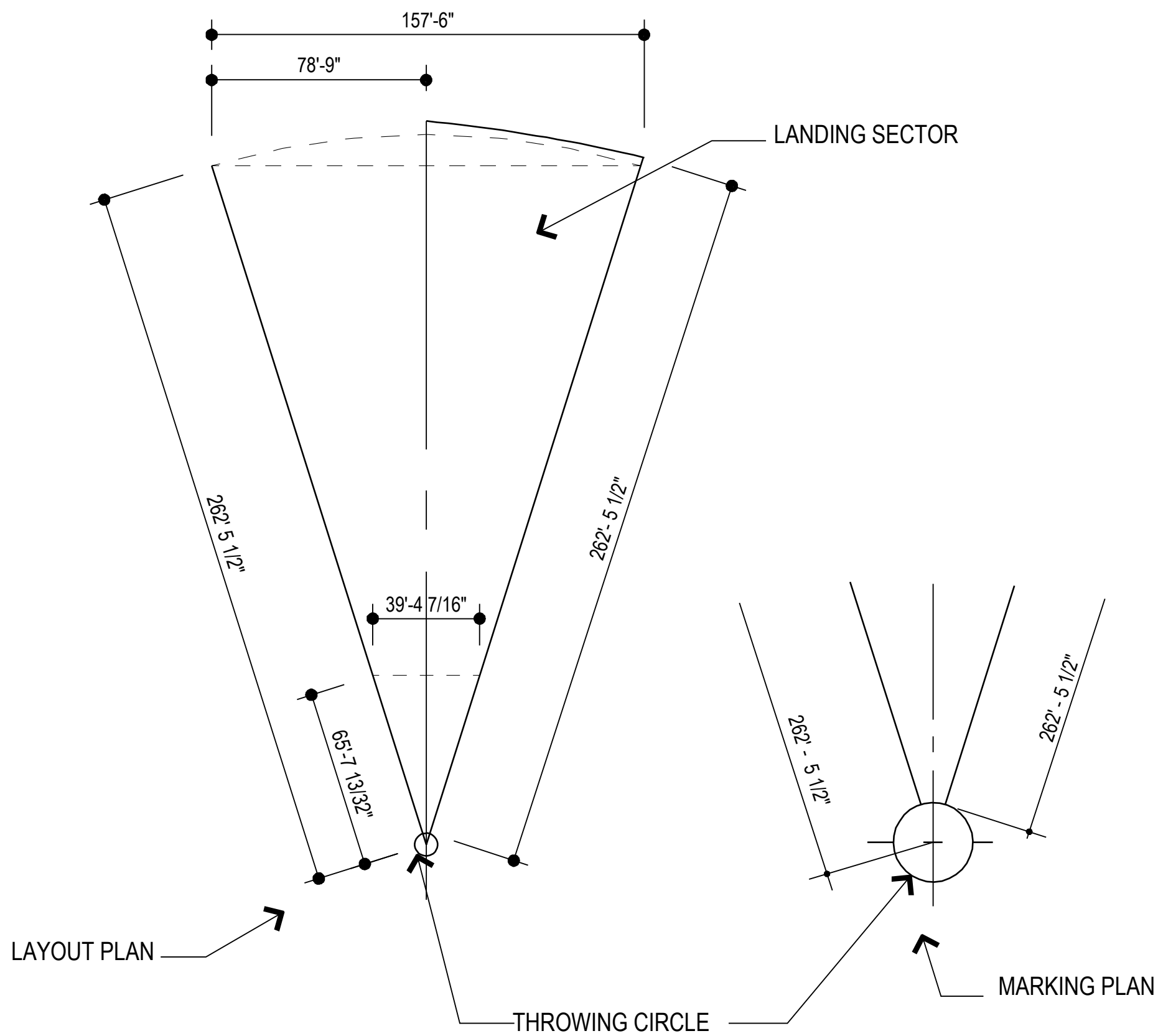
LONG & TRIPLE
JUMP DETAILS

REVISIONS

NO.	DESCRIPTION

DRAWN BY: O.C. & L.D.
CHECKED BY: deJONGH
SCALE: SEE DRAWING
DATE: 05/27/2014
JOB NO: 2010.7B
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A2.3

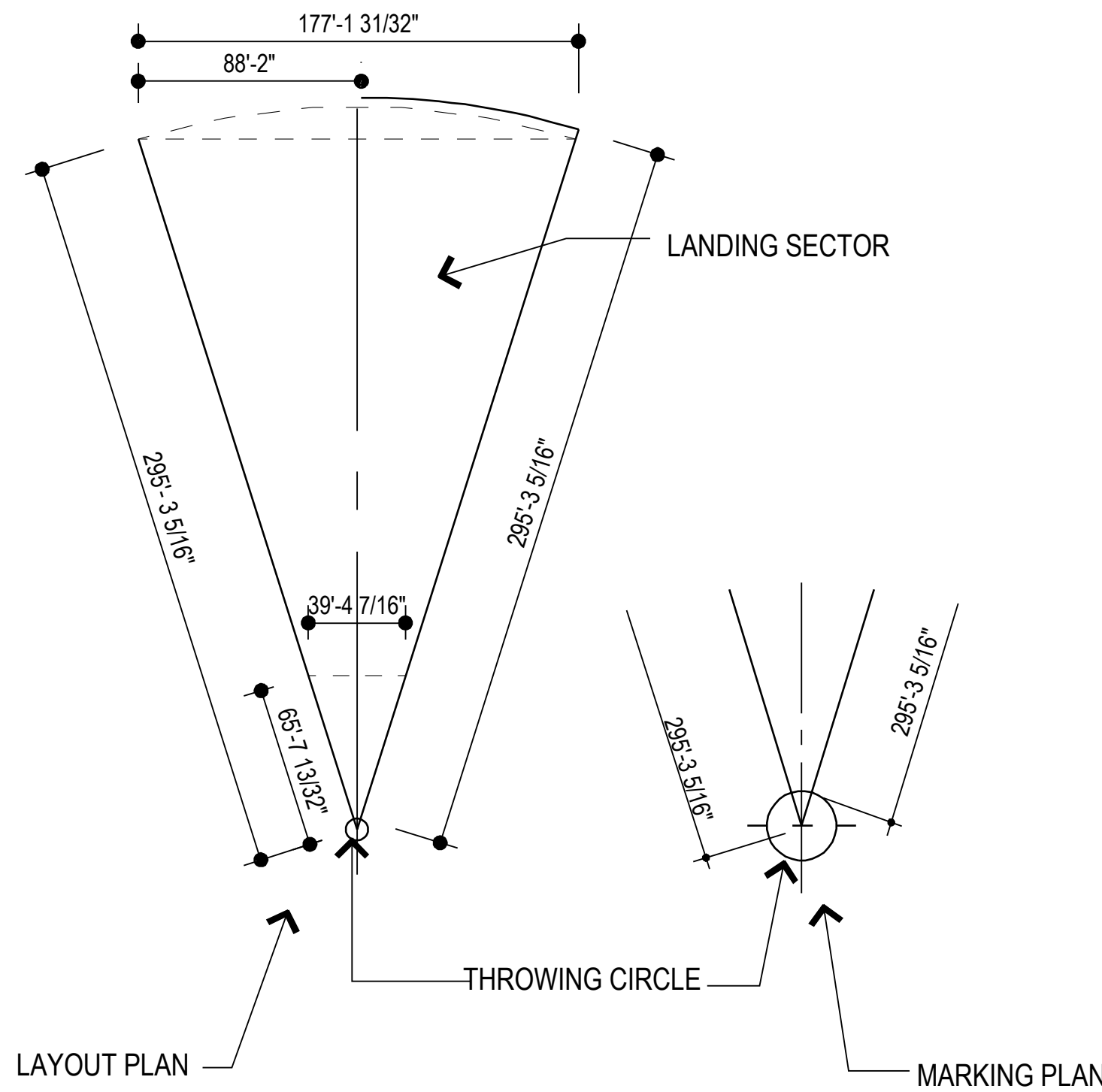


DETAIL PLAN OF THROWING CIRCLE & CAGE SITING FOR THE DISC THROW. (DIMENSIONS IN M)

A. LAYOUT PLAN
B. SECTION THROUGH THROWING CIRCLE

1. CENTRE POINT (INTERSECTION POINT OF SETTING OUT PLAN)
2. MARKING FOR THE LANDING SECTOR
3. CIRCULAR METAL RIM
4. DRAINAGE PIPE
5. CENTRING HOLE 4MM DIAMETER (BRASS TUBE)
6. CONCRETE BASE WITH REINFORCING MESH
7. SYNTHETIC SURFACE

8. ASPHALTIC CONCRETE
9. GRAVEL BASE LAYER
10. SUBGRADE



1 DISCUS LAYOUT PLAN- SETTING- MARKING PLAN

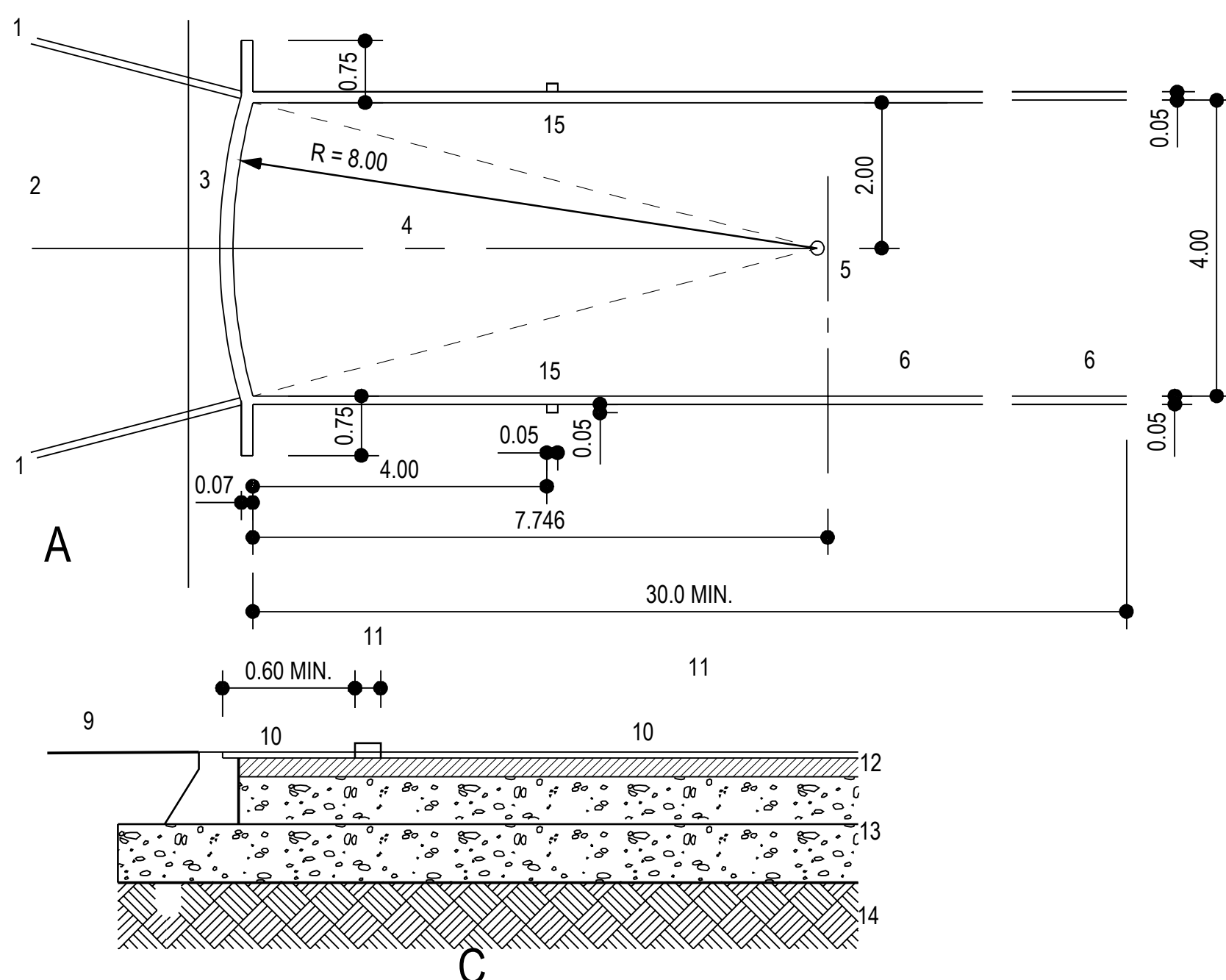
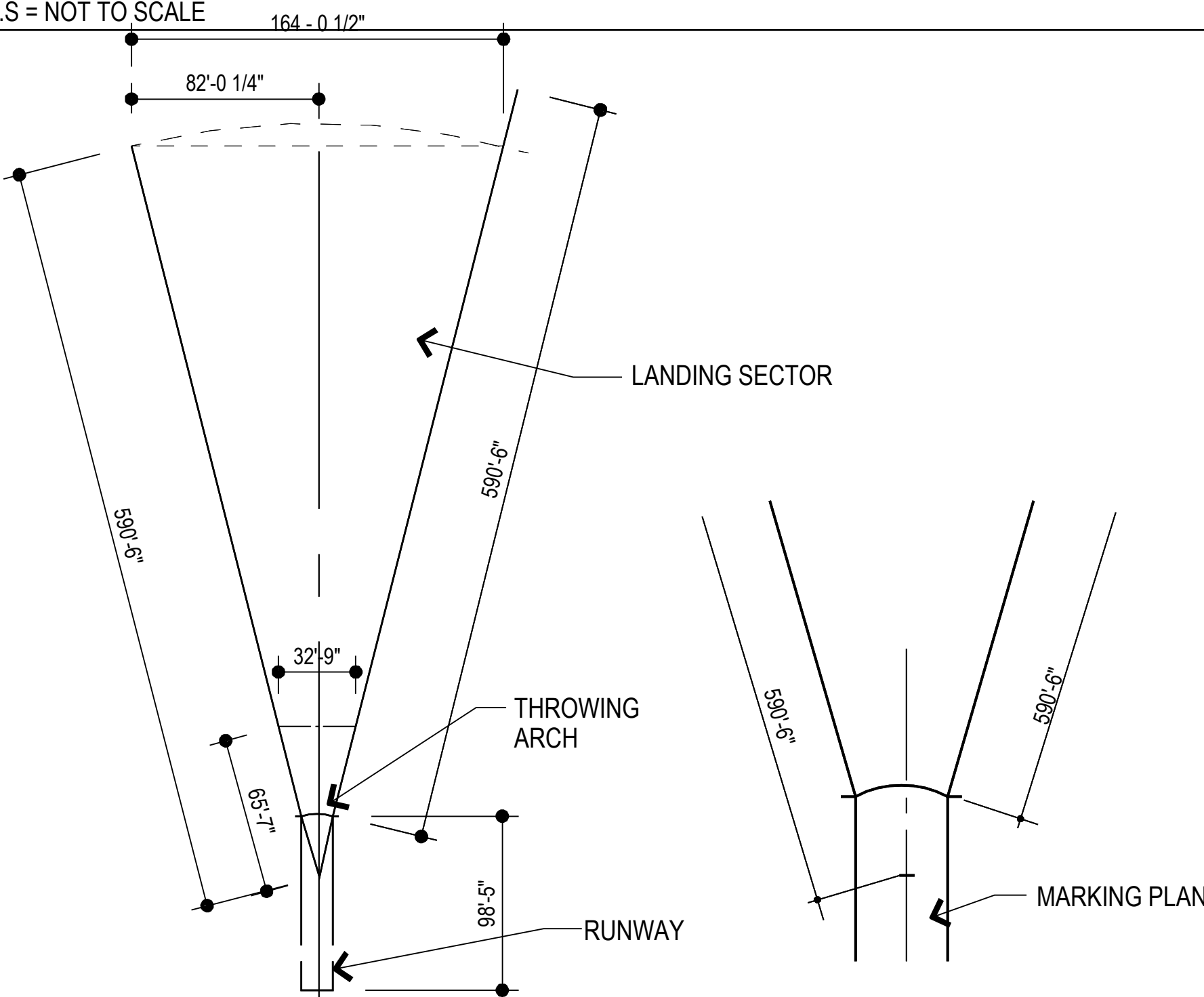
A2.5 SCALE: N.T.S = NOT TO SCALE

2 DISCUS DETAIL AND SECTION

A2.5 SCALE: N.T.S= NOT TO SCALE

3 HAMMER THROW SETTING AND MARKING PLAN

A2.5 SCALE: N. T. S.



FACILITY FOR JAVELIN THROW (DIMENSIONS IN M)

- A. LAYOUT PLN
B. DETAIL
C. SECTION
1. MARKING FOR THROWING SECTOR
2. LANDING AREA
3. THROWING ARC
4. REINFORCED AREA OR RUNWAY
5. CENTRE POINT = INTERSECTING POINT OF SETTING OUT PLAN
6. RUNWAY
7. MARKING OF EXTENSION OF THROWING ARC
8. MARKING OF LATERAL BORDER OF RUNWAY
9. TURF SURFACE
10. SYNTHETIC SURFACE
11. THROWING ARC MARKING
12. ASPHALTIC CONCRETE
13. GRAVEL BASE LAYERS
14. SUBGRADE
15. WHITE SQUARE 0.05Mx0.5M

4 JAVELIN THROW LAYOUT AND NOTES

A2.5 SCALE: N.T.S = NOT TO SCALE

5 JAVELIN THROW LAYOUT AND NOTES

A2.5 SCALE: N.T.S = NOT TO SCALE

CONSTRUCTION DOCUMENTS

ISSUED FOR BID

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DATE:	05/27/2014
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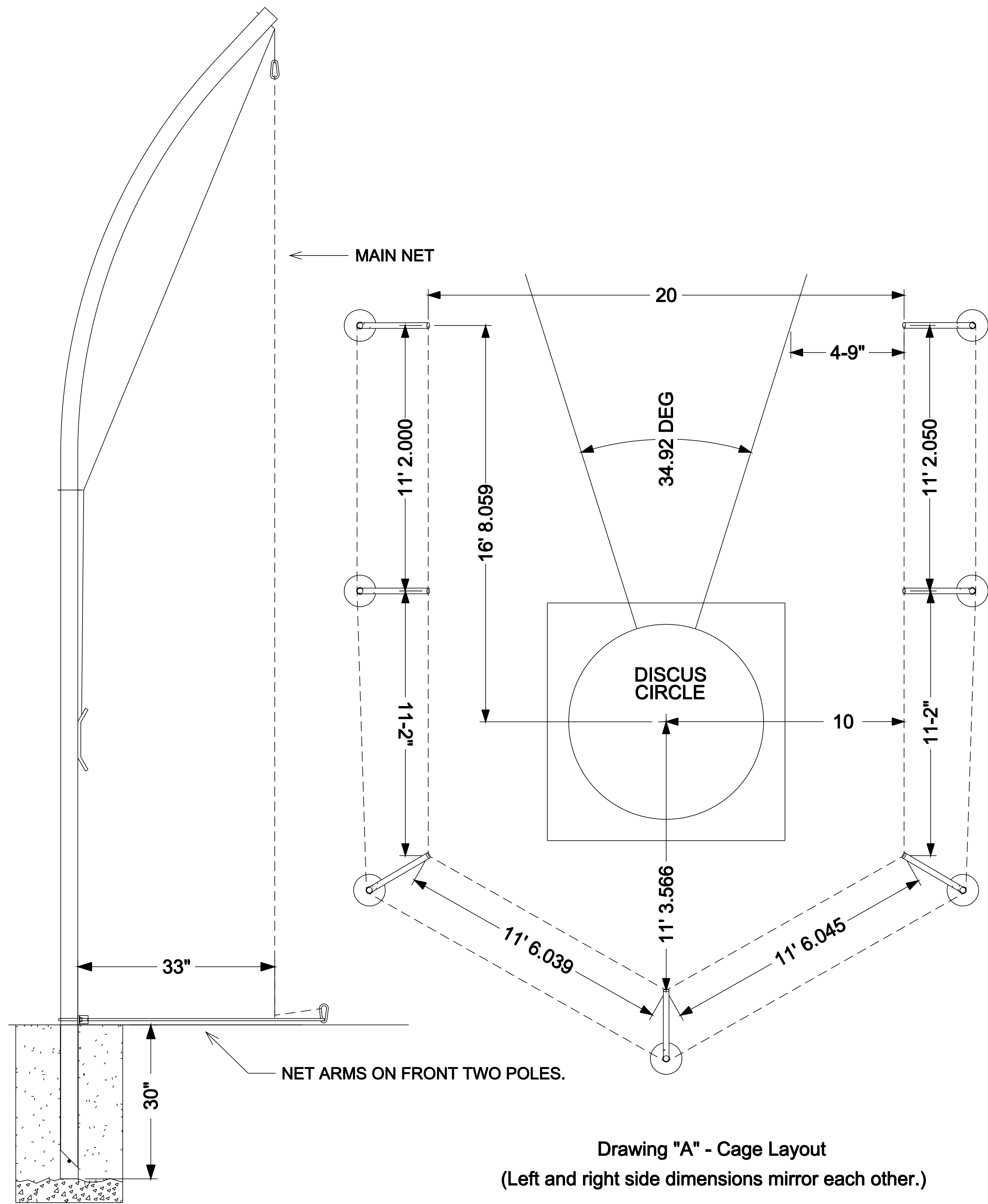
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HAMMER / DISCUS CAGE LAYOUT

[illegible]

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A2.5



Drawing "A" - Cage Layout
(Left and right side dimensions mirror each other.)

Net Pole Side View

1	HAMMER / DISCUS CAGE LAYOUT AND NOTES	CONSTRUCTION DOCUMENTS
A2.5	SCALE: N.T.S = NOT TO SCALE	ISSUED FOR BID

Full Pour 13mm Encapsulated Synthetic Track Surfacing System Specifications

Part 1 – General

1.1 Scope

- A. The synthetic surfacing contractor shall furnish all labor, materials, equipment, supervision and services necessary for the proper completion of the **Full Pour 13mm Encapsulated** synthetic track surfacing with Encapsulated texture and related work indicated on the drawings and specified herein.
- B. The synthetic surfacing contractor shall refer to the drawings for the required locations of synthetic track surfacing to be installed. All quantities and dimensions shall be field verified by the synthetic surfacing contractor.

1.2 Specific Scope of Work

- A. Install an IAAF approved, full depth poured-in-place two-component, UV stabilized elastomeric polyurethane Dual Durometer synthetic surfacing system with encapsulated textured finish.
- B. Layout and paint all track lines and event markings as required and specified by current IAAF and NCAA rules.

1.3 Coordination

- A. The synthetic surfacing contractor shall coordinate the work specified with an authorized and appointed representative of the owner so as to perform the work during a period and in a manner acceptable to the owner.

Part 2 – Codes and Standards

2.1 Applicable Publications

- A. Codes and standards follow the current guidelines set forth by the International Amateur Athletic Federation (IAAF) and the National Collegiate Athletic Association (NCAA), along with the current material testing guidelines as published by the American Society of Testing and Materials (ASTM).

2.2 Performance Standards

The new synthetic track surfacing system shall exhibit the following minimum performance standards as required by IAAF:

- B. Aliphatic Coating shall be red in color matching the UV stabilized elastomeric polyurethane.
- C. No clear or two component coatings will be allowed.

4.5 Line Marking Paint

- A. Manufacturers recommended pigmented line paint.

Part 5 – Installation

5.1 Subbase

- A. The synthetic track surfacing system shall be laid on an approved subbase. The General Contractor shall provide compaction test results of 95% or greater for the installed subbase and asphalt surface.
- B. The asphalt substrate track surface shall not vary from planned cross slope by more than + .2%, with a **maximum** lateral slope outside to inside of 1% for NCAA or IAAF facilities (1% to 2% for NFHS), and a **maximum** slope of 0.1% in any running direction. The finished asphalt shall not vary under a 10' straight edge more than 1/8".
- C. It should be the responsibility of the asphalt paving contractor to flood the surface immediately after the asphalt is capable of handling traffic, but within 24 hours. If, after 20 minutes of drying time, there are birdbaths evident, it shall be the responsibility of the architect, in conjunction with the surfacing contractor, to determine the method of correction. No cold tar patching, skin patching or sand mix patching will be acceptable.
- D. Any oil spills (hydraulic, diesel, motor oil, etc.) must be completely removed and replaced with either polyurethane or new, keyed in asphalt. The minimum curing time for the asphalt base is 28 days. It shall be the responsibility of the surfacing contractor to determine if the asphalt substrate has cured sufficiently prior to the application of the polyurethane surfacing system.
- E. It shall be the responsibility of the general contractor to determine if the asphalt substrate meets all design specifications, i.e. cross slopes, planarity and specific project criteria. After all the above conditions are met, the synthetic surfacing contractor must, in writing, accept the planarity of the asphalt receiving base, before work can commence.

5.2 Thickness

- A. Thickness: (12-13mm) or as specified
- B. Force Reduction 35-50%
- C. Vertical Deformation: 0.6mm- 2.5mm
- D. Coefficient of Friction: ≥ 0.5 (47 TRRL Scale)
- E. Tensile Strength: ≥ 0.5 Mpa
- F. Elongation: ≥ 40%

Part 3 – Quality Assurance

3.1 Contractor and Manufacturer Qualifications

- A. The CONTRACTOR and the MANUFACTURER must be the same.
- B. The CONTRACTOR must have a minimum of 10 years experience in the installation of poured-in-place, two-component elastomeric polyurethane synthetic track surfacing.
- C. The CONTRACTOR must have installed a minimum of 10 outdoor track facilities in the last 2 years using the exact, IAAF certified, poured-in-place, two-component elastomeric polyurethane synthetic track surfacing, as specified herein with the contractor bidding this project.
- D. The MANUFACTURER must have a minimum of 10 years of experience with compound two-part polyurethane for athletic surfaces.
- E. The MANUFACTURER must offer a minimum of seven (7) IAAF Certified Track Systems.
- F. The CONTRACTOR must have completed a minimum of ten (10) 400 meter tracks for high school use in the last five (5) years with the specified encapsulated texture and aliphatic coating. Provide a reference list with bid.
- G. All Polyurethane components must be MANUFACTURED in an ISO 9001 Certified facility.
- H. The CONTRACTOR must have installed a minimum of two (2) Class I IAAF Certified outdoor tracks within the United States.

3.2 Submittals

The following submittals must be received with bid submittal:

- A. Standard printed specifications of the synthetic track surfacing system to be installed on this project.
- B. An affidavit attesting that the synthetic track surfacing material to be installed meets the requirements defined by the manufacturers currently published specifications and any modifications outlined in those technical specifications.

- A. Total thickness of the **Full Pour 13mm Encapsulated** synthetic track surfacing system shall average 13mm.

5.3 Equipment

- A. The **Full Pour 13mm Encapsulated** synthetic track surfacing system components shall be processed and installed by specially designed machinery with automatic electronic portioning, which provides continuous mixing, feeding and finishing for accurate quality controlled installation.
- B. No hand mixing is allowed.

5.4 Materials

- A. Force Reduction Layer
- The fine mesh SBR granules and UV stabilized elastomeric polyurethane shall be metered and mixed together on site to regulate the ratio/quantity of SBR, not to exceed fourteen percent in the system and to insure an even distribution of the granules throughout the 8mm force reduction layer.
- No multi-layered system allowed.
- B. Resilient Wearing Layer
- The .5 to 1.5 millimeter EPDM granules shall be mechanically integrated with an UV stabilized elastomeric polyurethane to the full depth of the wearing layer. The resilient textured finish shall be a dense matrix of encapsulated EPDM granules.
- C. Protective Coating
- The initial red pigmented aliphatic polyurethane coating shall be spray applied over the entire synthetic surfaced area at a rate of 200-275 square feet per gallon. The second red pigmented aliphatic polyurethane coating shall be spray applied over the initial application at a rate of 200-275 square feet per gallon in the opposite direction.
- No structural spray applications allowed.

5.5 Site Conditions

- A. Installation shall not take place if adjacent or concurrent construction generates excessive dust, abrasives or any other by-product that, in the opinion of the installer, would be harmful to the track material, until completion of such works.

- C. A synthetic track surfacing system sample, 12” x 12”in size, of the same synthetic track surfacing system to be installed on this project.

- D. A list of completed facilities, including the installing supervisor, of the exact Dual Durometer synthetic track surfacing system.

- E. A current IAAF Certificate proving the product to be installed meets the current IAAF Performance Standards for Synthetic Surfaced Athletics Tracks (Outdoor).

Part 4 – Materials

4.1 Product

- A. **Beynon Sports Surfaces, BSS 1000 Full Pour 13mm Encapsulated** track system is the basis of design.

4.2 Elastomeric Polyurethane

- A. BEYPUR, the two-component U.V. stabilized elastomeric polyurethane compounded from polyol and isocyanate components, based on one hundred percent Methylene Diphenyl Isocyanate (MDI). No Toluene Diisocyanate Isocyanate (TDI) will be allowed.
- B. The elastomeric polyurethane shall be red in color.

4.2 EPDM Granulate

- A. The EPDM granulates shall be .5 to 1.5mm in size and peroxide cured.
- B. The EPDM granulates and the U.V. stabilized elastomeric polyurethane shall be color matched.

4.3 Rubber Granulate

- A. Fine mesh Styrene Butadiene Rubber (SBR) processed ground to a graded size not to exceed 20 mesh in size.
- B. A maximum of twenty percent, by weight of the SBR will be allowed in the force reduction layer.

4.4 Aliphatic Coating

- A. Pigmented polyurethane aliphatic coating

- B. Apply Synthetic Track Surfacing in dry weather when pavement and atmospheric temperatures are fifty (50) degrees Fahrenheit or above, and are anticipated to remain above fifty (50) degrees Fahrenheit for twenty-four (24) hours after completing application.

- C. The maximum temperature cannot exceed 105 degrees at any point during a 24 - hour period.

- D. Rain cannot be falling. If there is a threat of rain, work shall cease until dry conditions can be re-established on the track pavement. Work is to proceed only when adequate curing can be guaranteed by the manufacturer.

Part 6 – Line Striping and Event Markings

6.1 Layout

- A. Line striping and event markings shall be laid out in accordance with current IAAF and NCAA rules.

6.2 Certification

- A. Upon completion of the installation, the owner shall be supplied with all necessary computations and drawings as well as a letter of certification attesting to the accuracy of the markings.

Part 7 – Guarantee

- A. Synthetic track surfacing system shall be fully guaranteed against faulty workmanship and material failure for a period of ten (10) years from the date of acceptance.
- B. Synthetic surfacing material found to be defective as a result of faulty workmanship and/or material failure shall be replaced or repaired at no charge, upon written notification within the guarantee period.

END OF SECTION

CONSTRUCTION DOCUMENTS
ISSUED FOR BID



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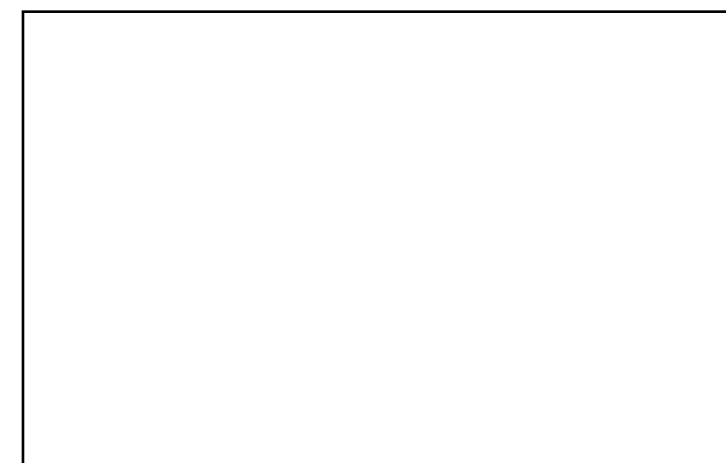
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SPECIFICATIONS

REVISIONS

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SCALE:	NOT TO SCALE
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JOB NO:	2010.7B
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A2.6



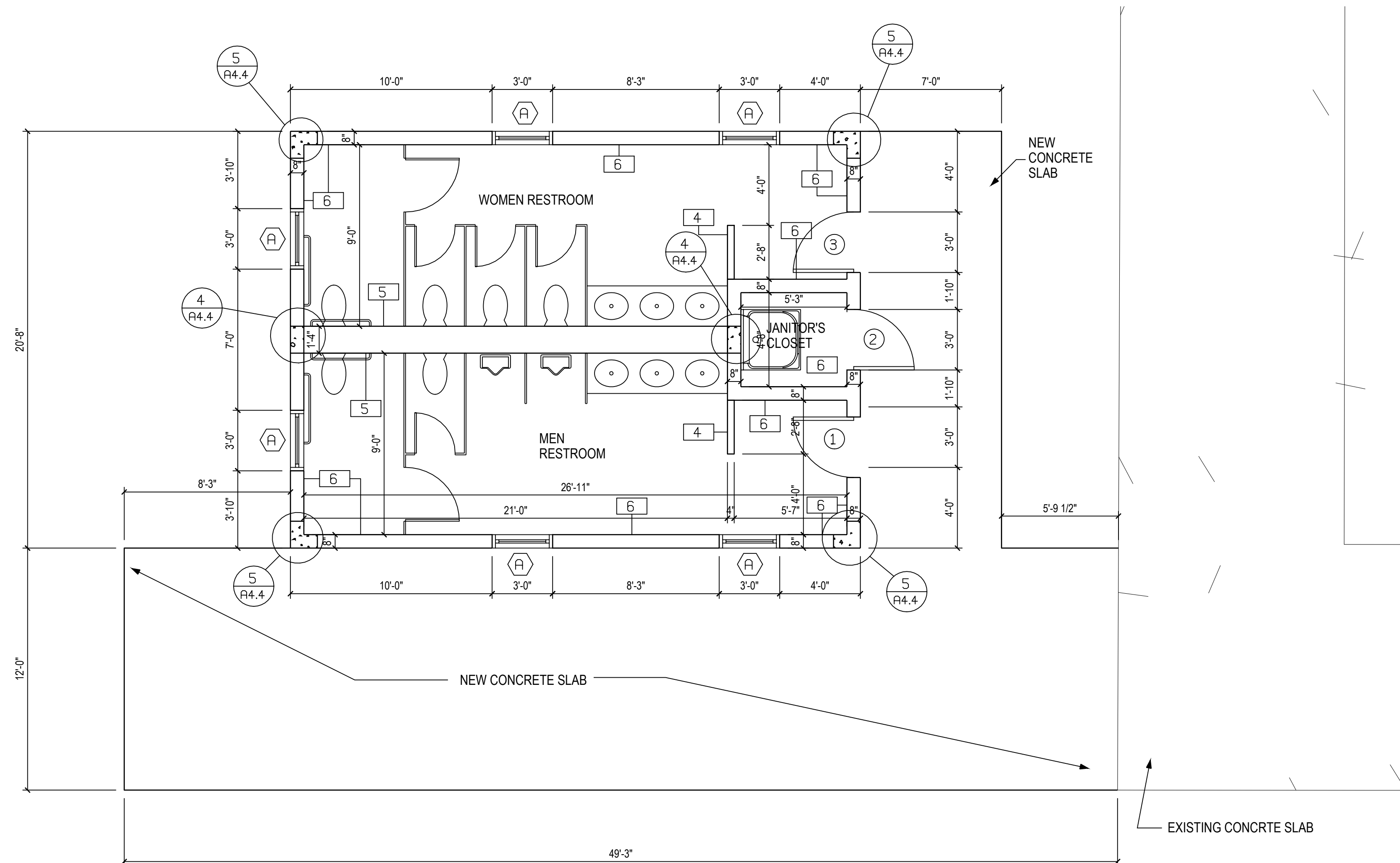
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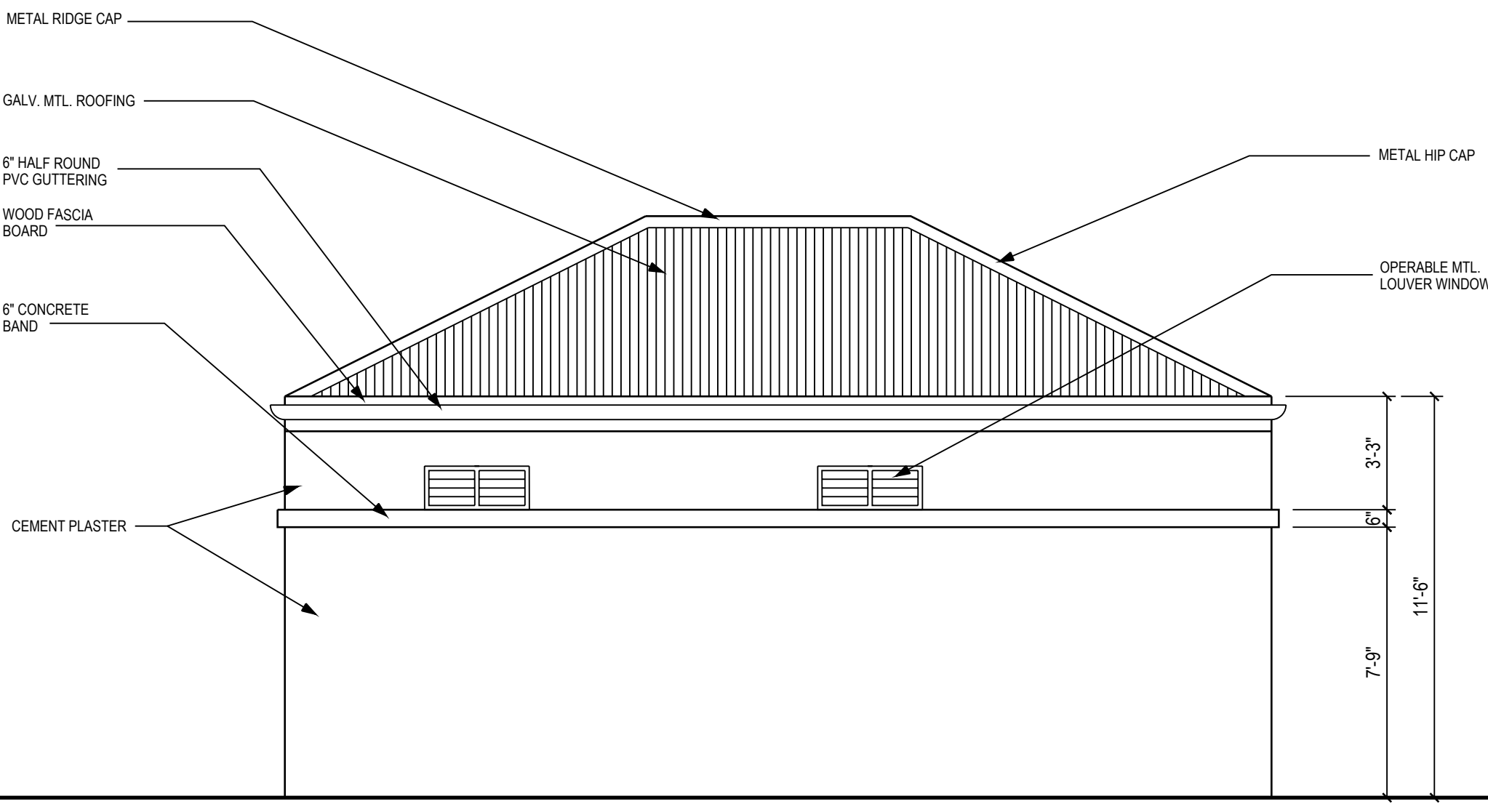
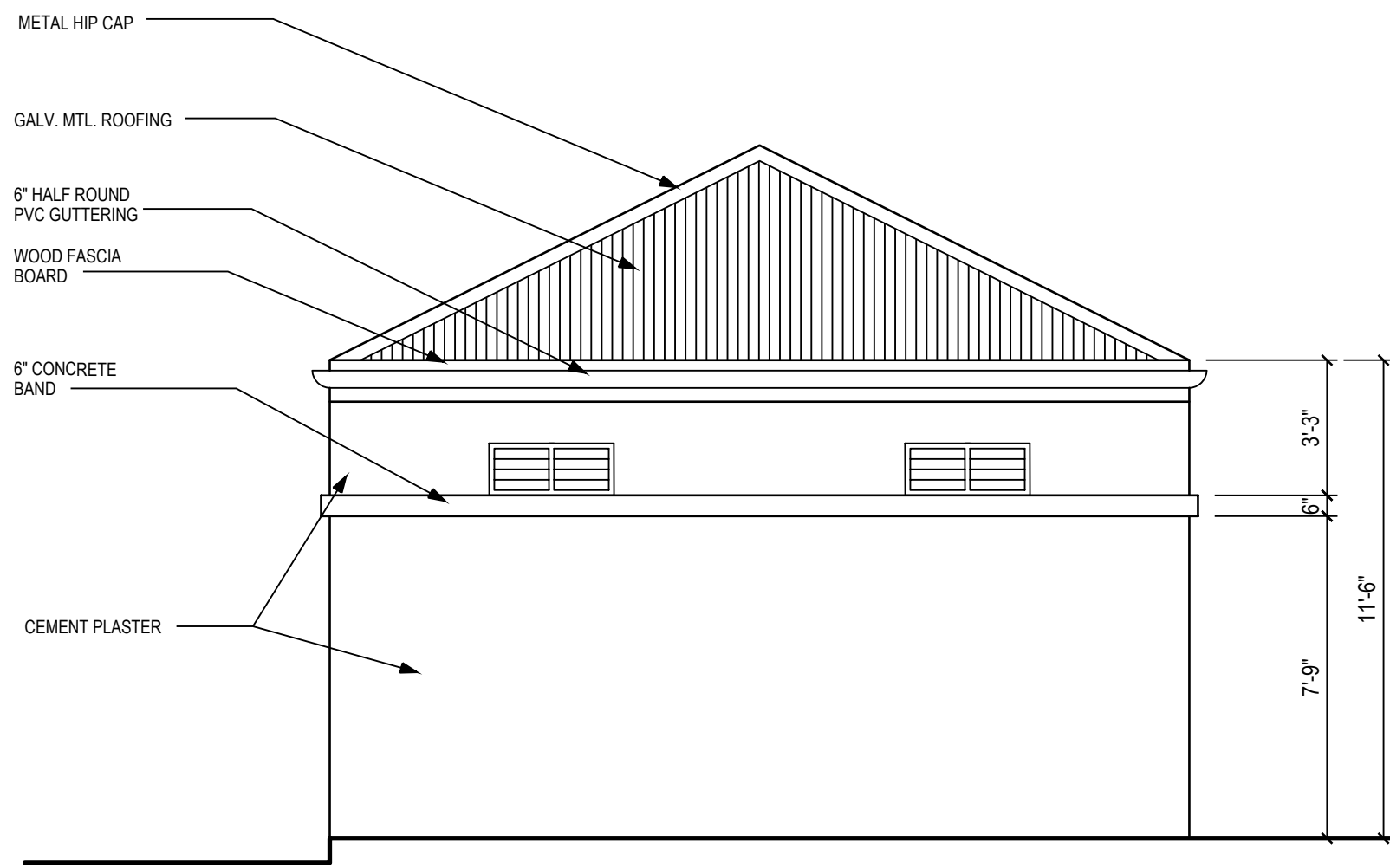
RESTROOM
FLOOR PLAN

REVISIONS	

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SCALE:	1/4" = 1'-0"
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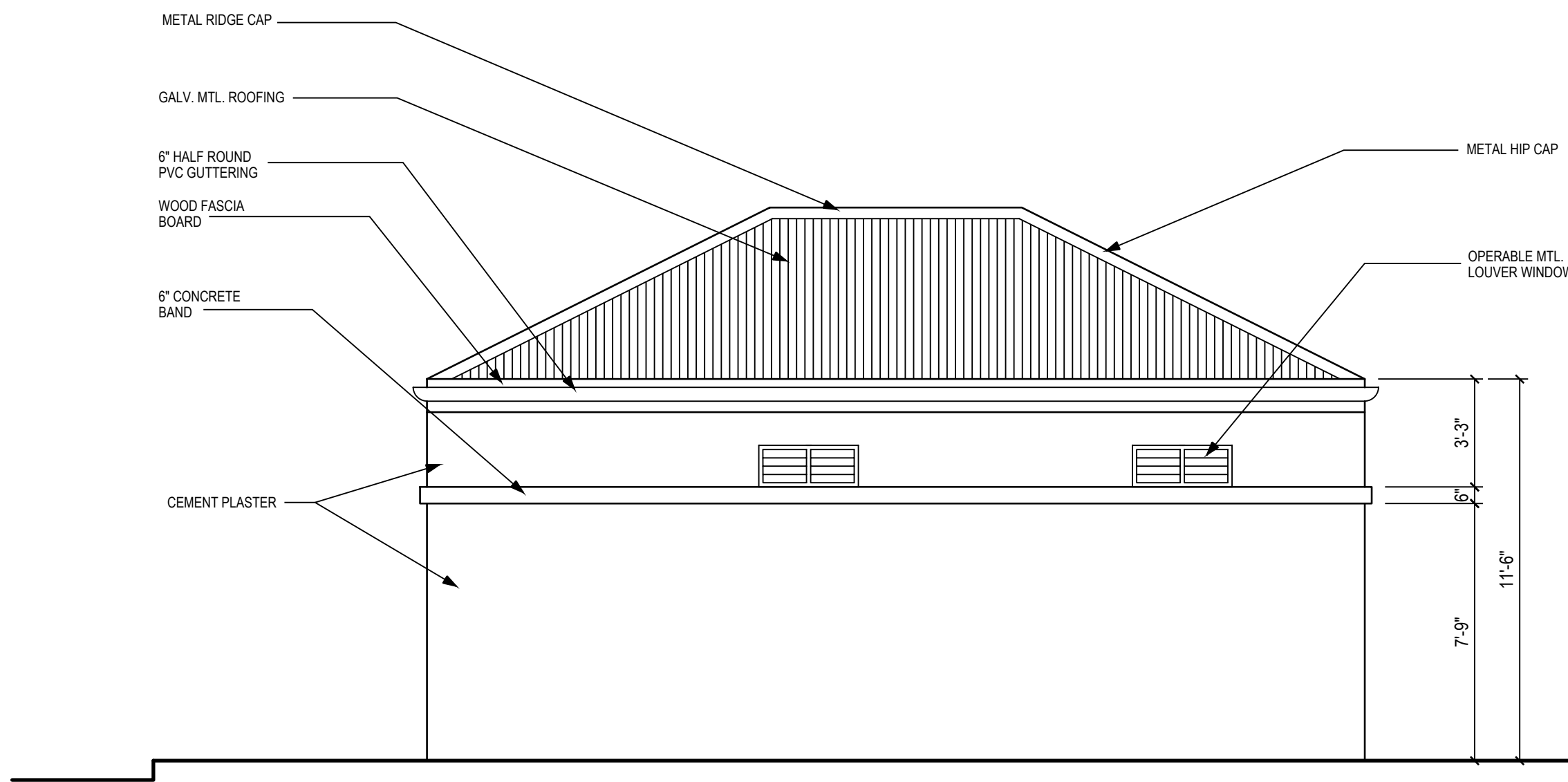
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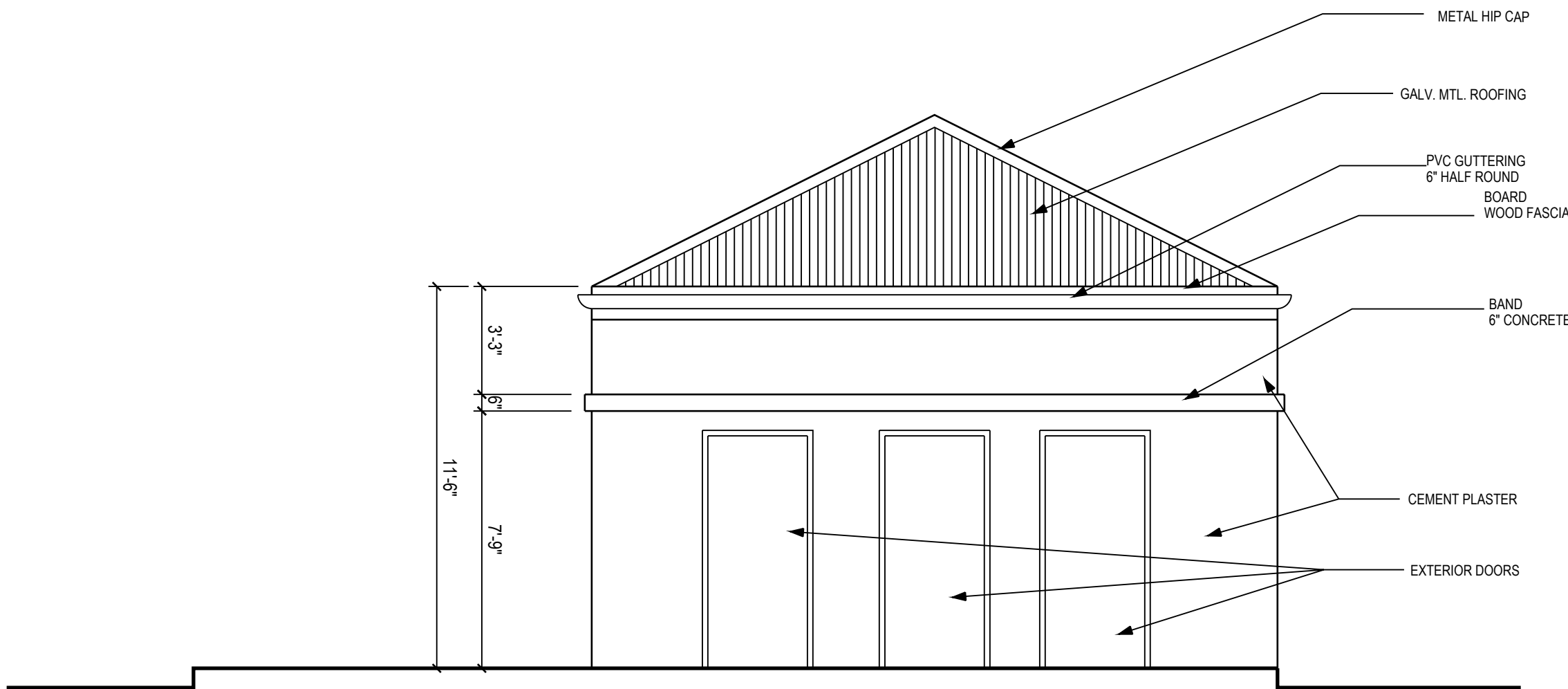


1 RESTROOM NORTH ELEVATION
A3.1 SCALE: 1/4" = 1'-0"

2 RESTROOM EAST ELEVATION
A3.1 SCALE: 1/4" = 1'-0"



3 RESTROOM WEST ELEVATION
A3.1 SCALE: 1/4" = 1'-0"



4 RESTROOM SOUTH ELEVATION
A3.1 SCALE: 1/4" = 1'-0"

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RESTROOM
ELEVATIONS

REVISIONS

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A3.1

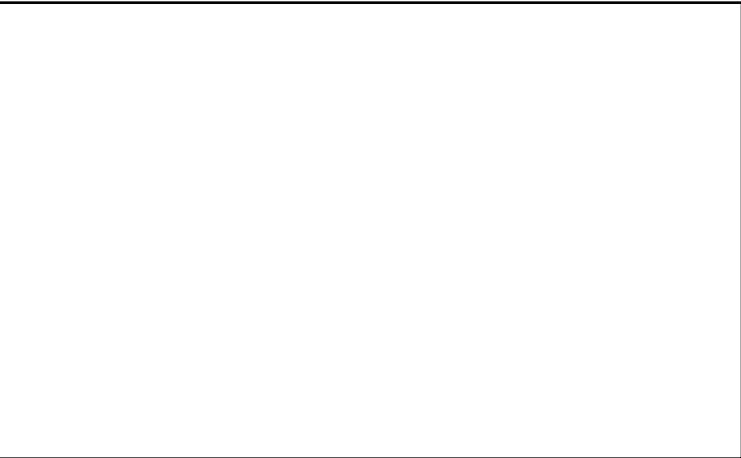
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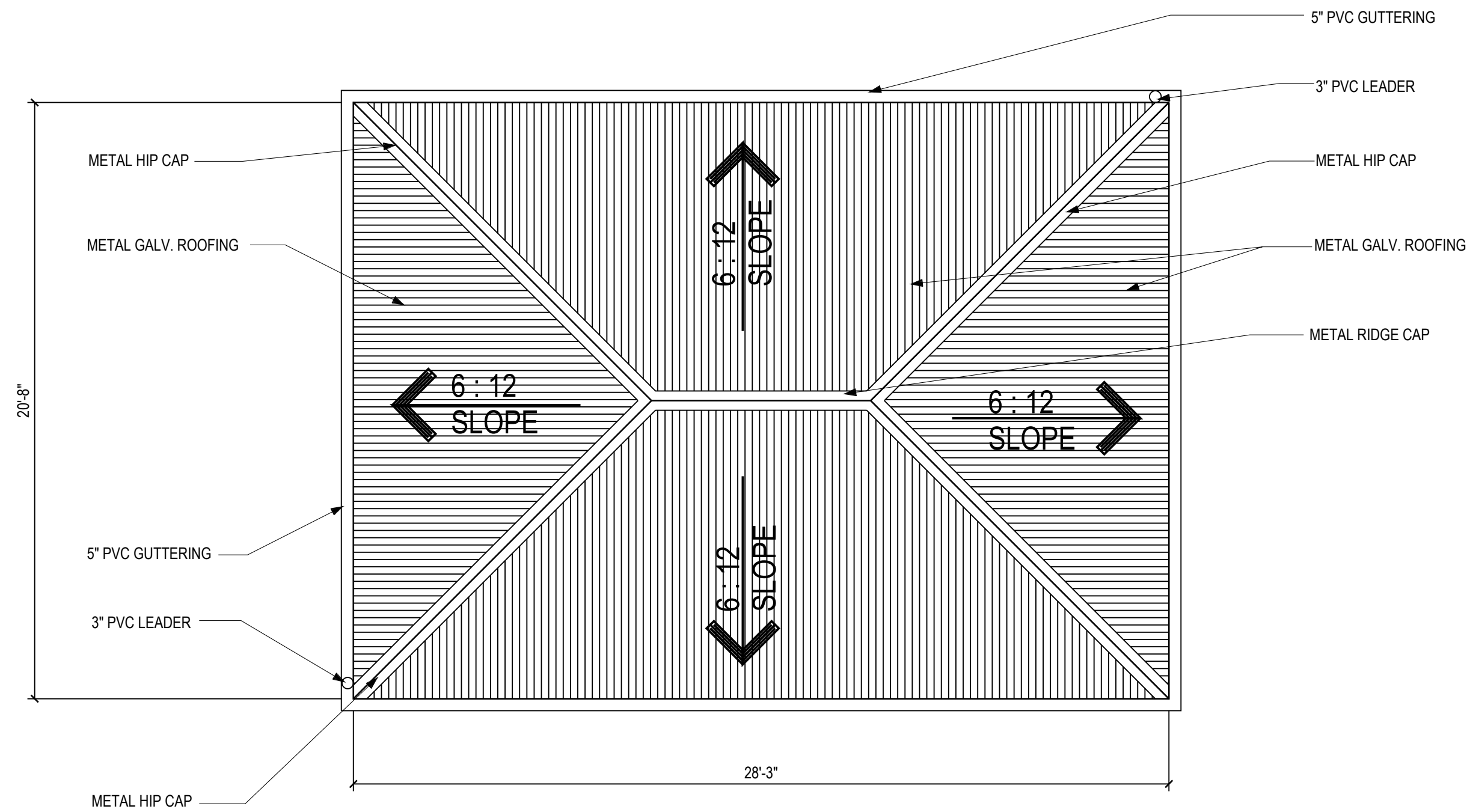
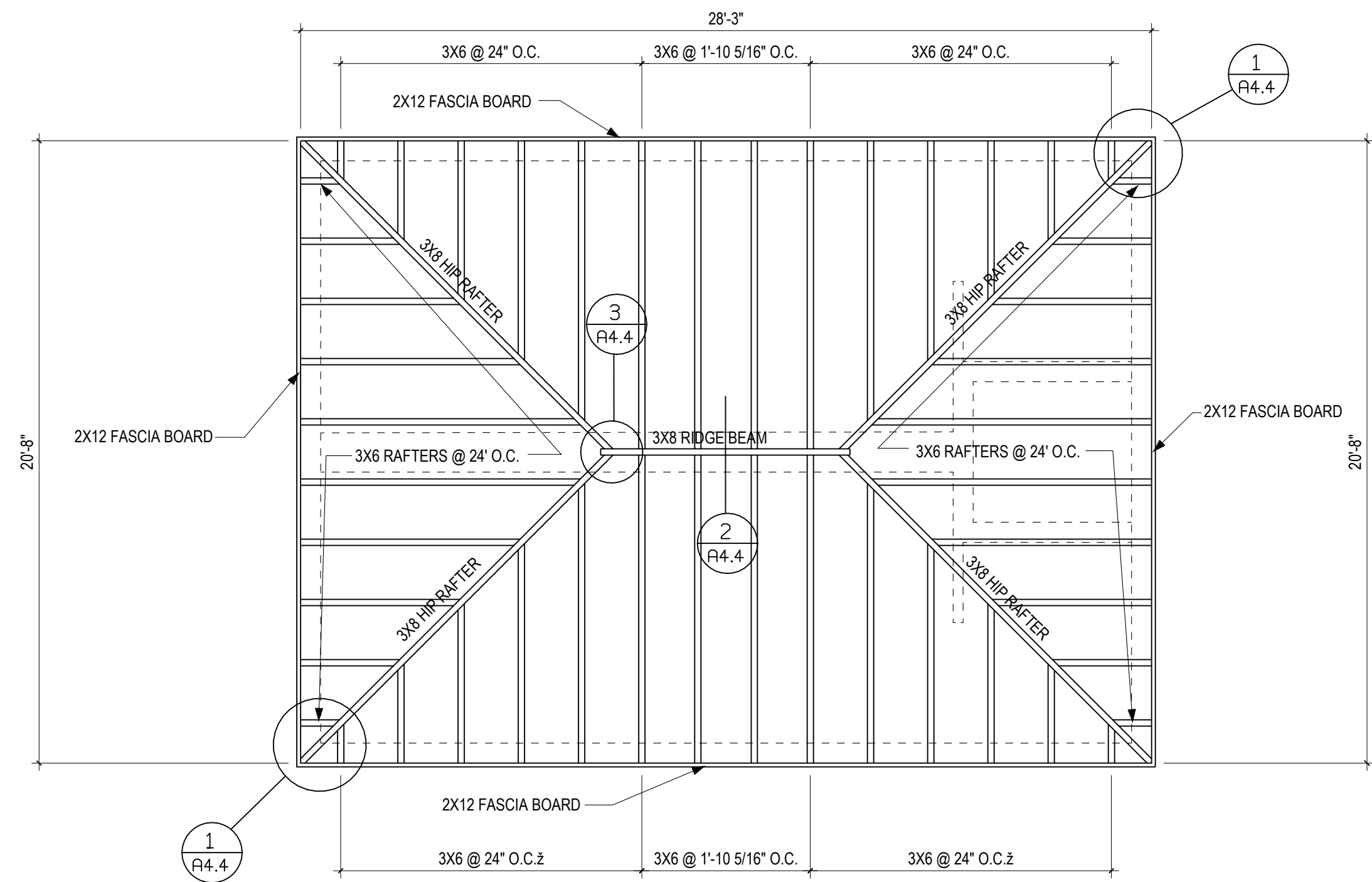
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ROOF AND ROOF
FRAMING PLAN

REVISIONS	

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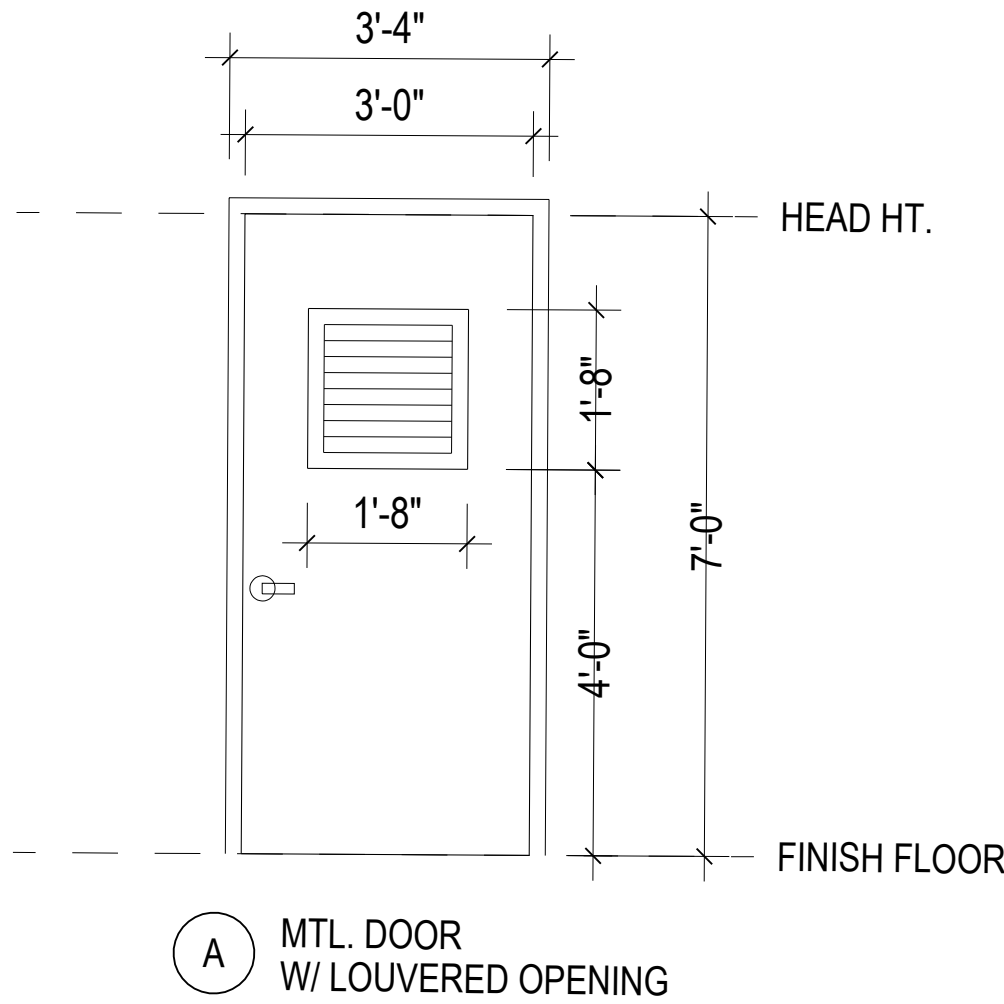
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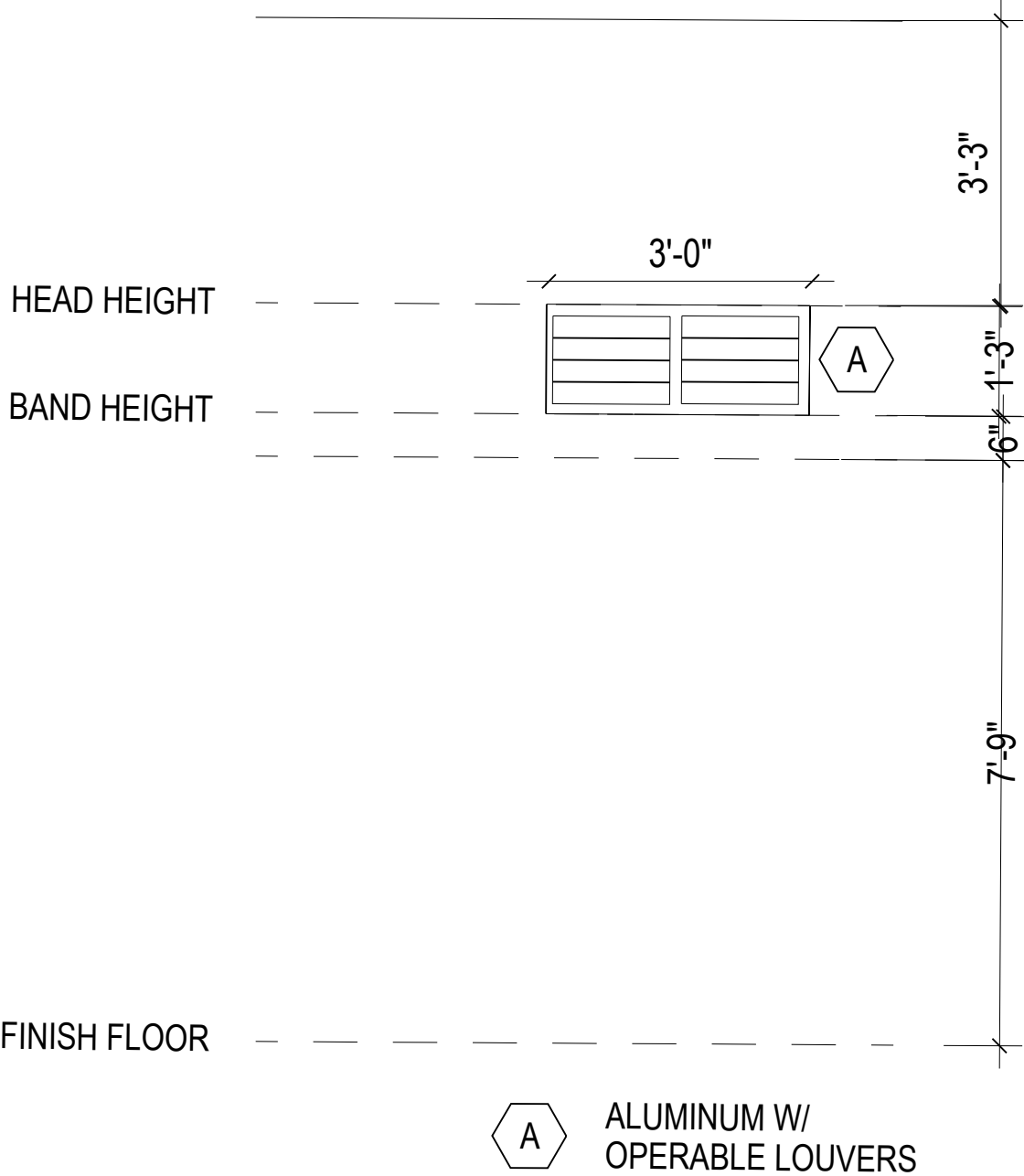
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NO.	ROOM DESCRIPTION	FLOOR	BASE	WAINS/ COAT	WALLS				CEILING
					NORTH	EAST	SOUTH	WEST	MATERIAL
	MEN'S RESTROOM	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	PTD/PLASTER CERAMIC TILE	PTD/PLASTER CERAMIC TILE	PTD/PLASTER CERAMIC TILE	PTD/PLASTER CERAMIC TILE	EXPOSED WOOD PAINTING
	WOMEN'S RESTROOM	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	PTD/PLASTER CERAMIC TILE	PTD/PLASTER CERAMIC TILE	PTD/PLASTER CERAMIC TILE	PTD/PLASTER CERAMIC TILE	EXPOSED WOOD PAINTING
	JANITOR'S CLOSET	FLOOR COATING	WOOD	N/A	PTD. PLASTER	PTD. PLASTER	PTD. PLASTER	PTD. PLASTER	EXPOSED WOOD PAINTING

DOOR SCHEDULE											
NO.	LOCATION	TYPE	_DOOR						_FRAME		_REMARKS
			DOOR OPENING NOMINAL SIZES			_TYPE	_MAT'L	FINISH	TYPE	_MAT'L	
			W	H	THK						
1	MEN'S RESTROOM	A	3'-0"	7'-0"		SINGLE FLUSH	_METAL	_PTD	_METAL		
2	WOMEN'S RESTROOM	A	3'-0"	7'-0"							
3	JANITOR'S CLOSET	A	3'-0"	7'-0"							

WINDOW SCHEDULE											
NO.	LOCATION	TYPE	_WINDOW					_FRAME		_REMARKS	
			SIZES			_TYPE	_MAT'L	_FINISH	_TYPE		_MAT'L
			W	H	THK						
1	WOMEN'S RESTROOM	A	1'-3"	3'-0"		LOUVERED	_ALUMIN.	PTD		_ALUMIN	OPERABLE 2" LOUVERS
2	WOMEN'S RESTROOM	A	1'-3"	3'-0"		LOUVERED	_ALUMIN.	PTD		_ALUMIN	
3	WOMEN'S RESTROOM	A	1'-3"	3'-0"		LOUVERED	_ALUMIN.	PTD		_ALUMIN	
4	MEN'S RESTROOM	A	1'-3"	3'-0"		LOUVERED	_ALUMIN.	PTD		_ALUMIN	
5	MEN'S RESTROOM	A	1'-3"	3'-0"		LOUVERED	_ALUMIN.	PTD		_ALUMIN	
6	MEN'S RESTROOM	A	1'-3"	3'-0"		LOUVERED	_ALUMIN.	PTD		_ALUMIN	OPERABLE 2" LOUVERS



2	DOOR ELEVATION
A3.3	SCALE: 1/2" = 1'-0"



3	WINDOW ELEVATION
A3.3	SCALE: 1/2" = 1'-0"
	CONSTRUCTION DOCUMENTS ISSUED FOR BID

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SCHEDULES

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A3.3



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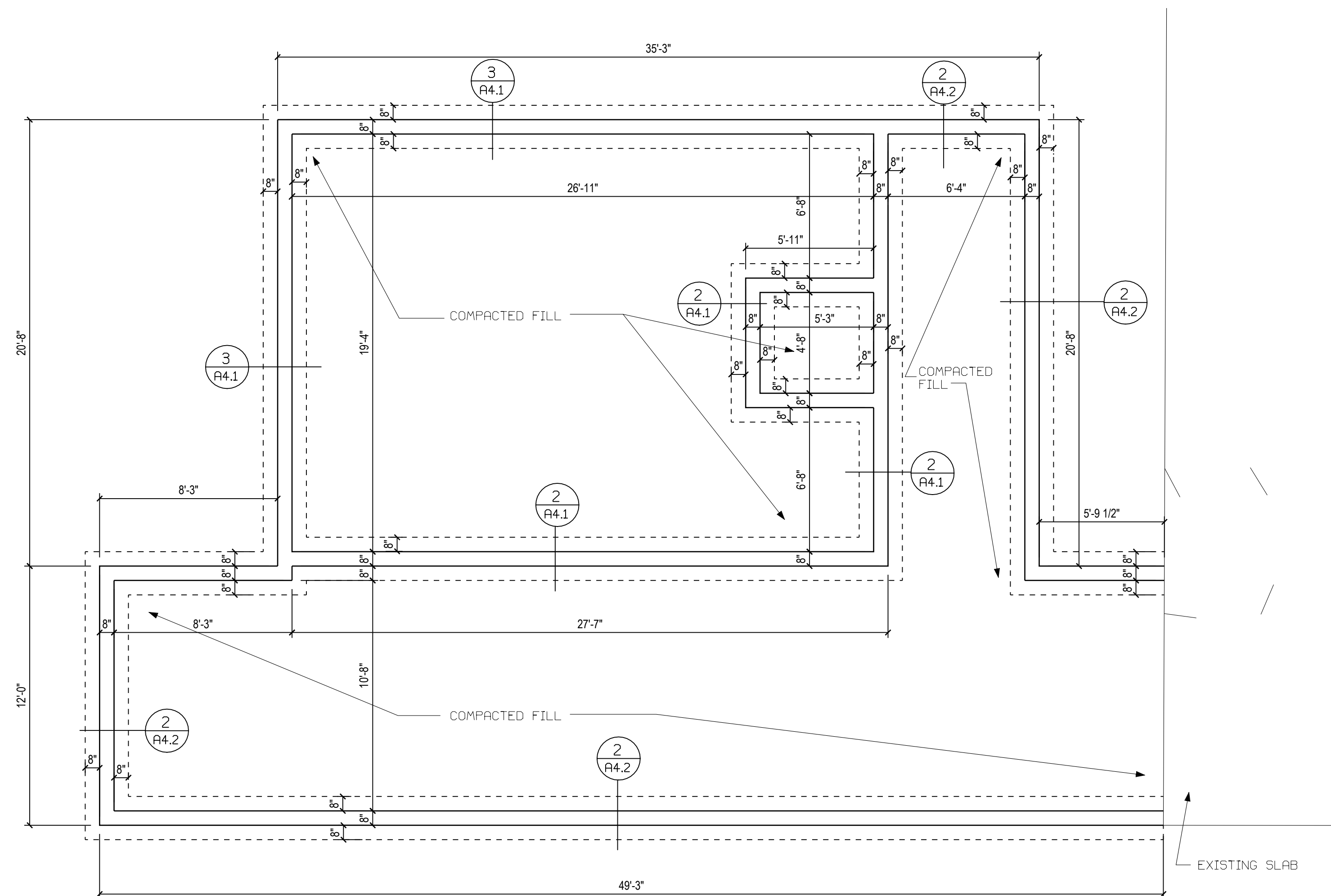
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FOUNDATION PLAN AND DETAILS

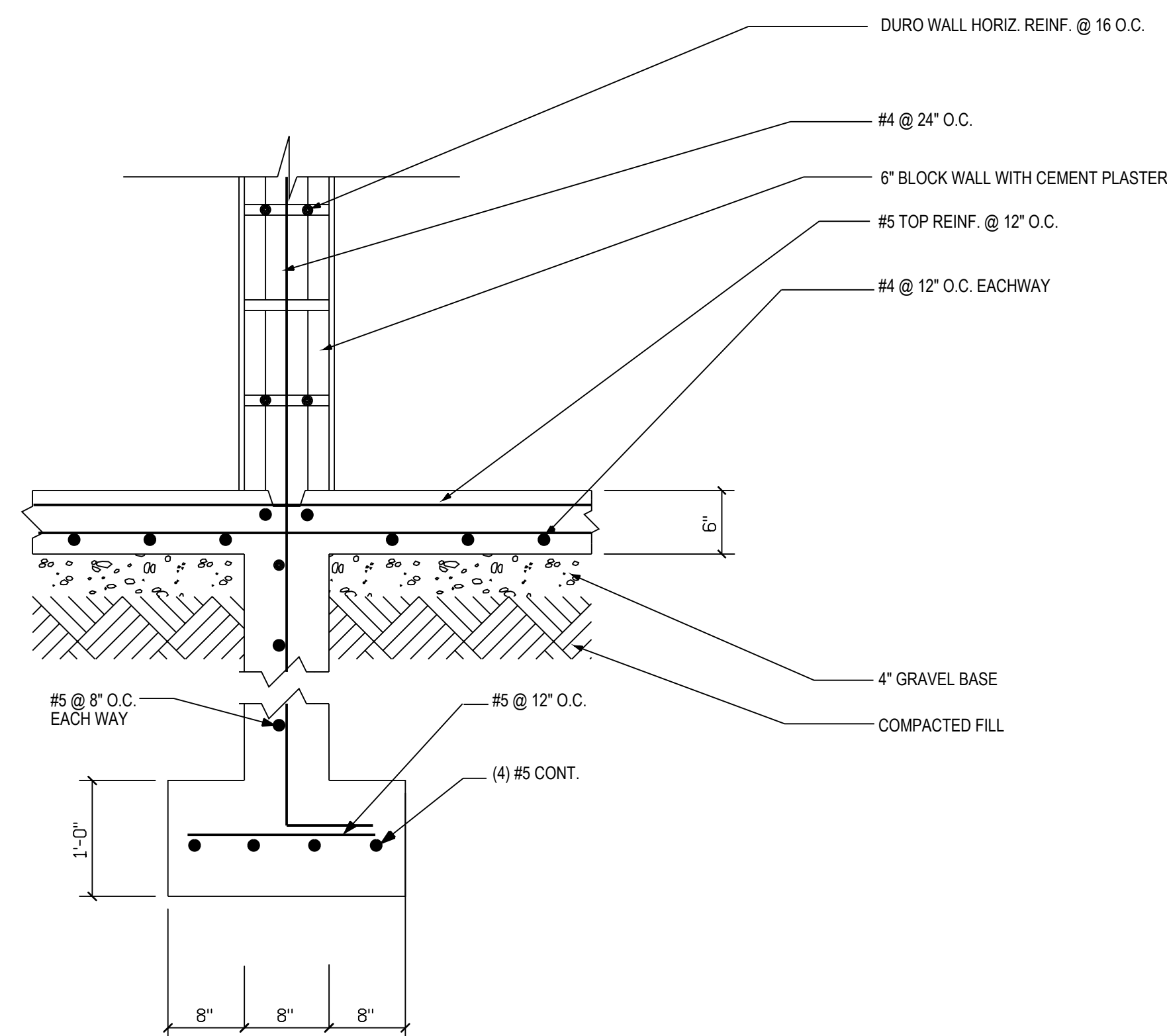
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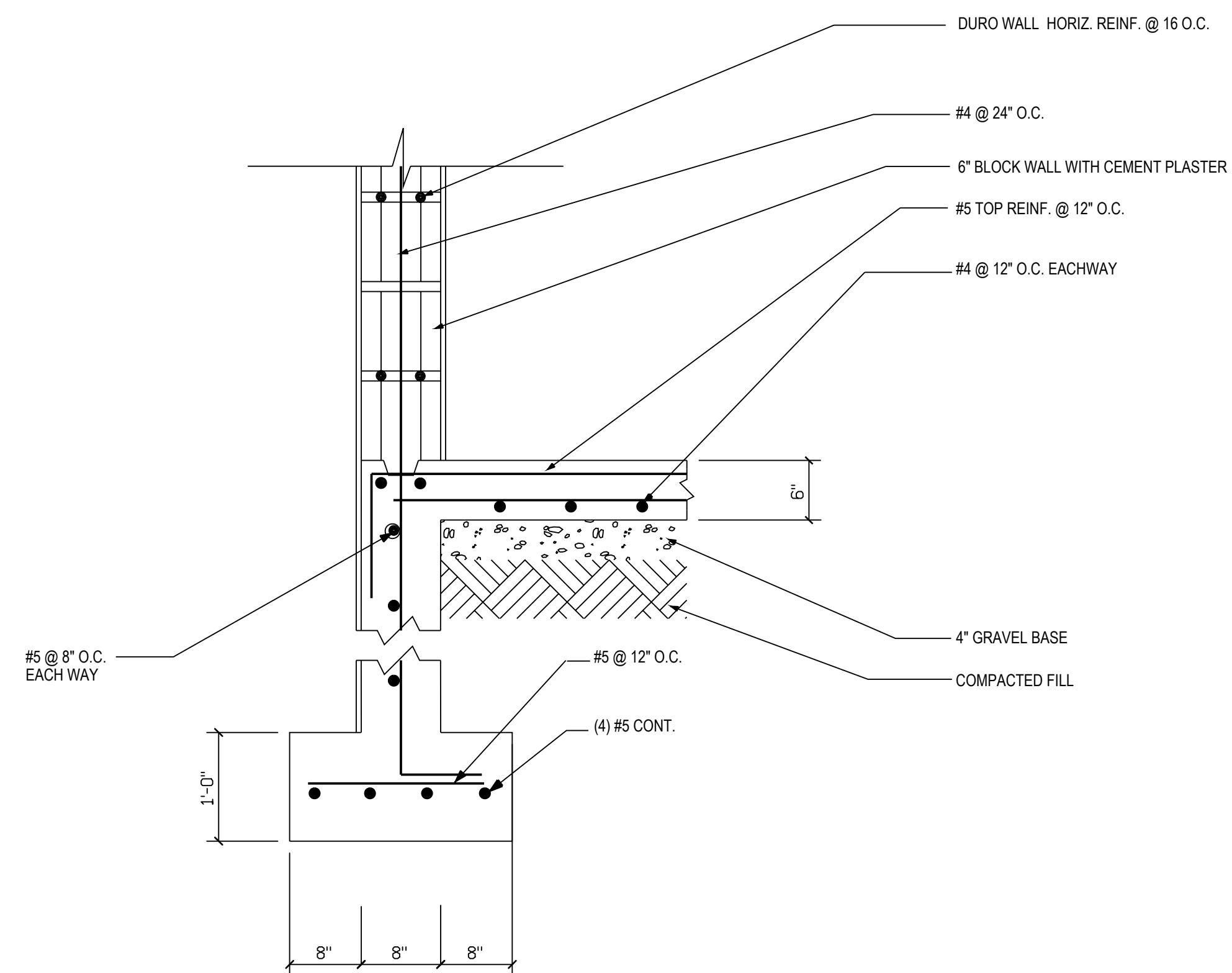
A4.1



1	RESTROOM FOUNDATION PLAN
	SCALE: 1/4" = 1'-0"



2	RESTROOM FOOTING DETAIL
A4.1	SCALE: 1"= 1'-0"



3	RESTROOM FOOTING DETAIL
A4.1	SCALE: 1"= 1'-0"

CONSTRUCTION DOCUMENTS
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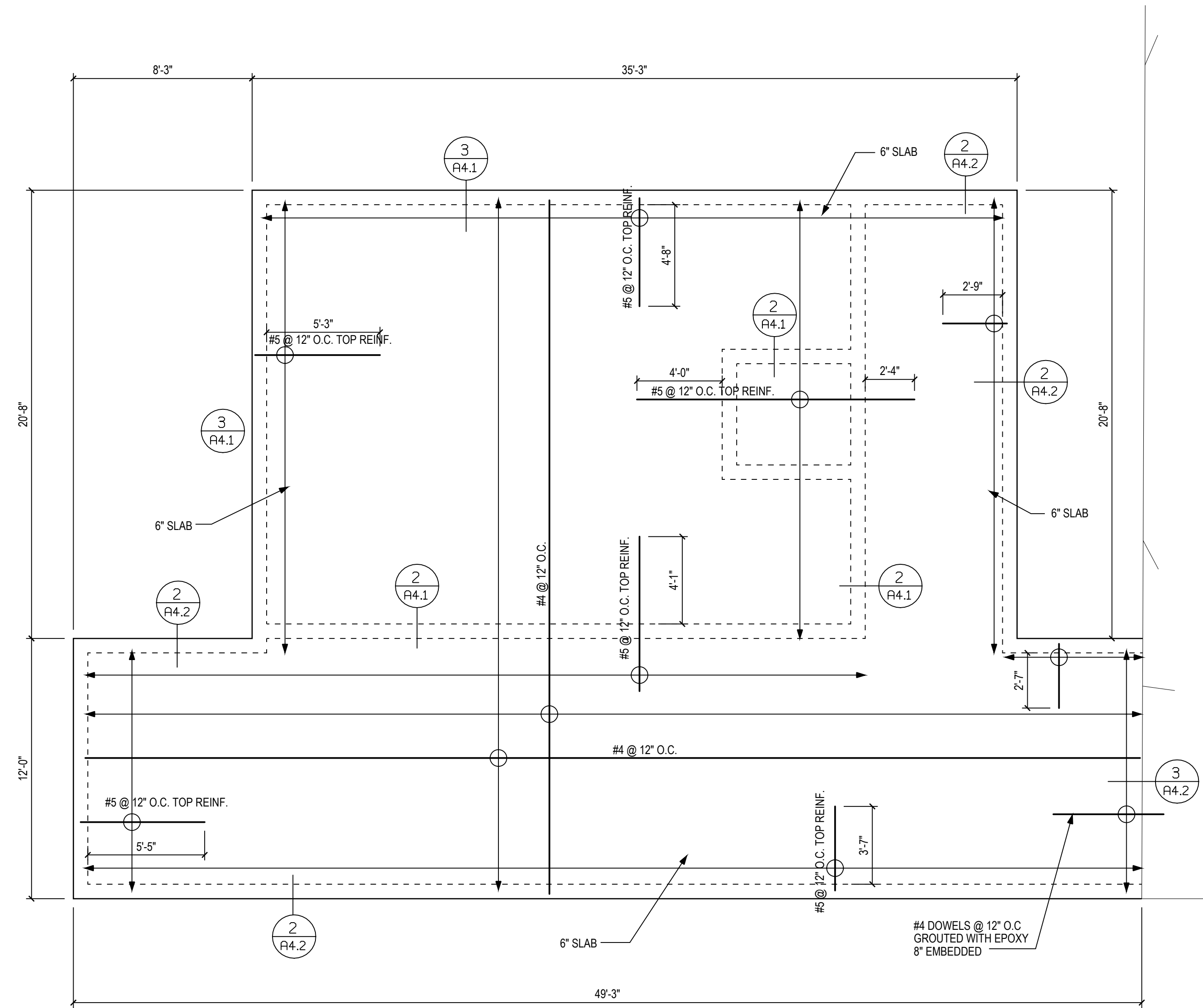
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SLAB PLAN AND DETAILS

REVISIONS

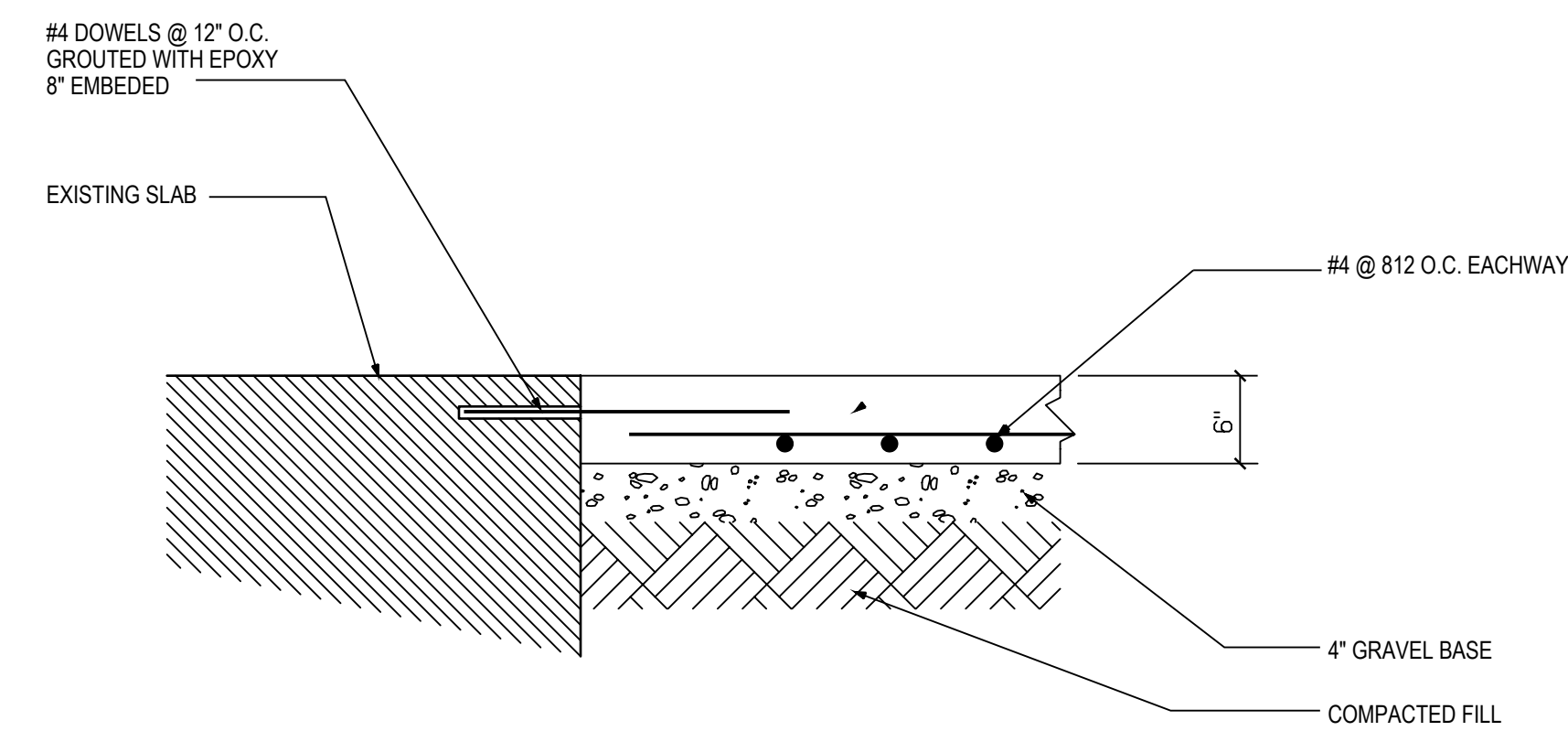
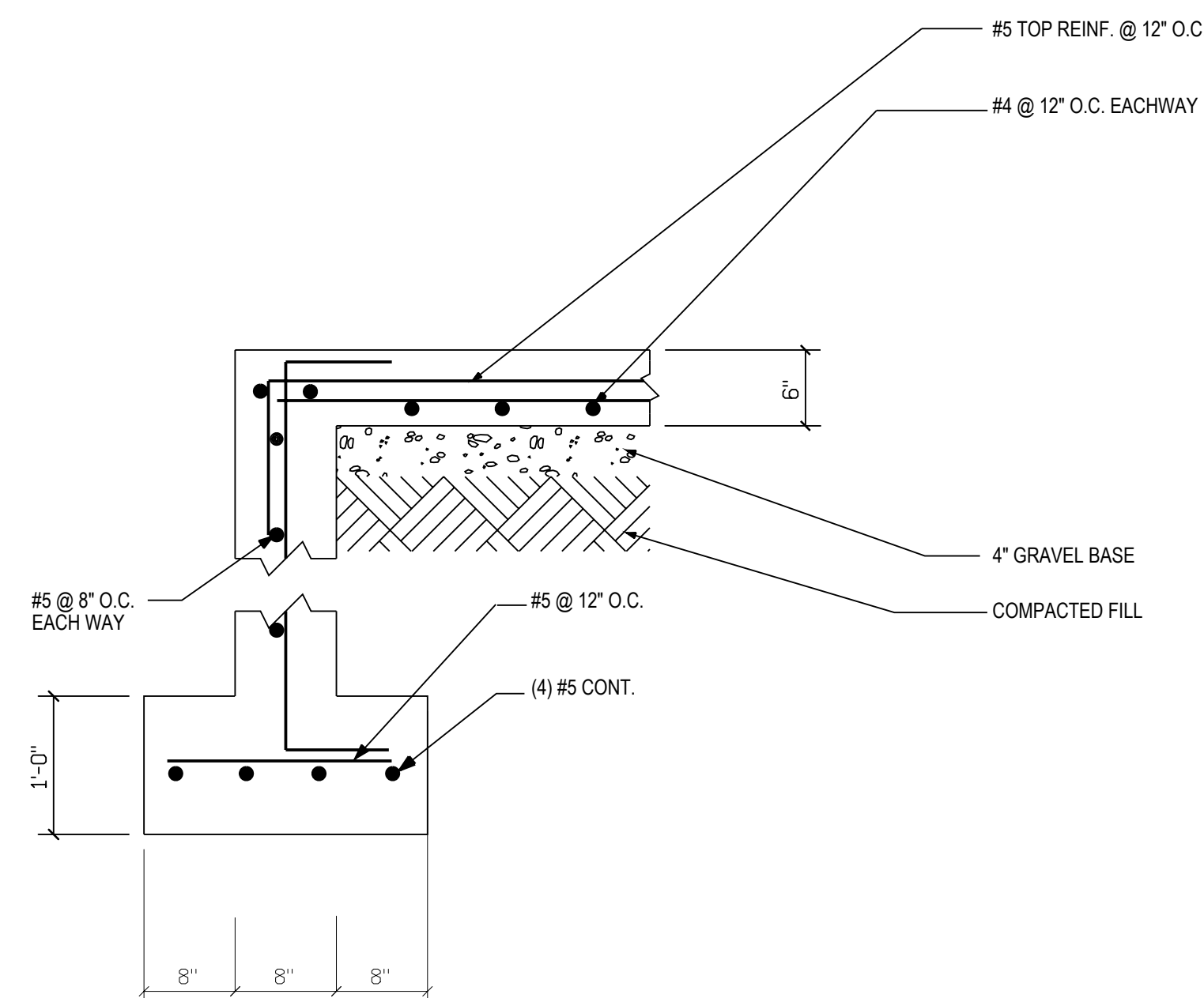
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SCALE:	SEE DRAWINGS
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JOB NO:	2010.7B
SHEET:	

A4.2



1	RESTROOM SLAB PLAN
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SCALE: 1/4" = 1'-0"



2	FOOTING AND SLAB DETAIL
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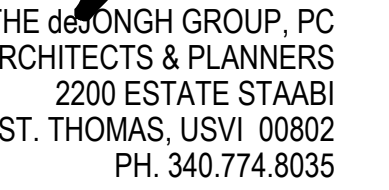
A4.2	SCALE: 1"= 1'-0"
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3	SLAB DETAIL
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A4.2	SCALE: 1"= 1'-0"
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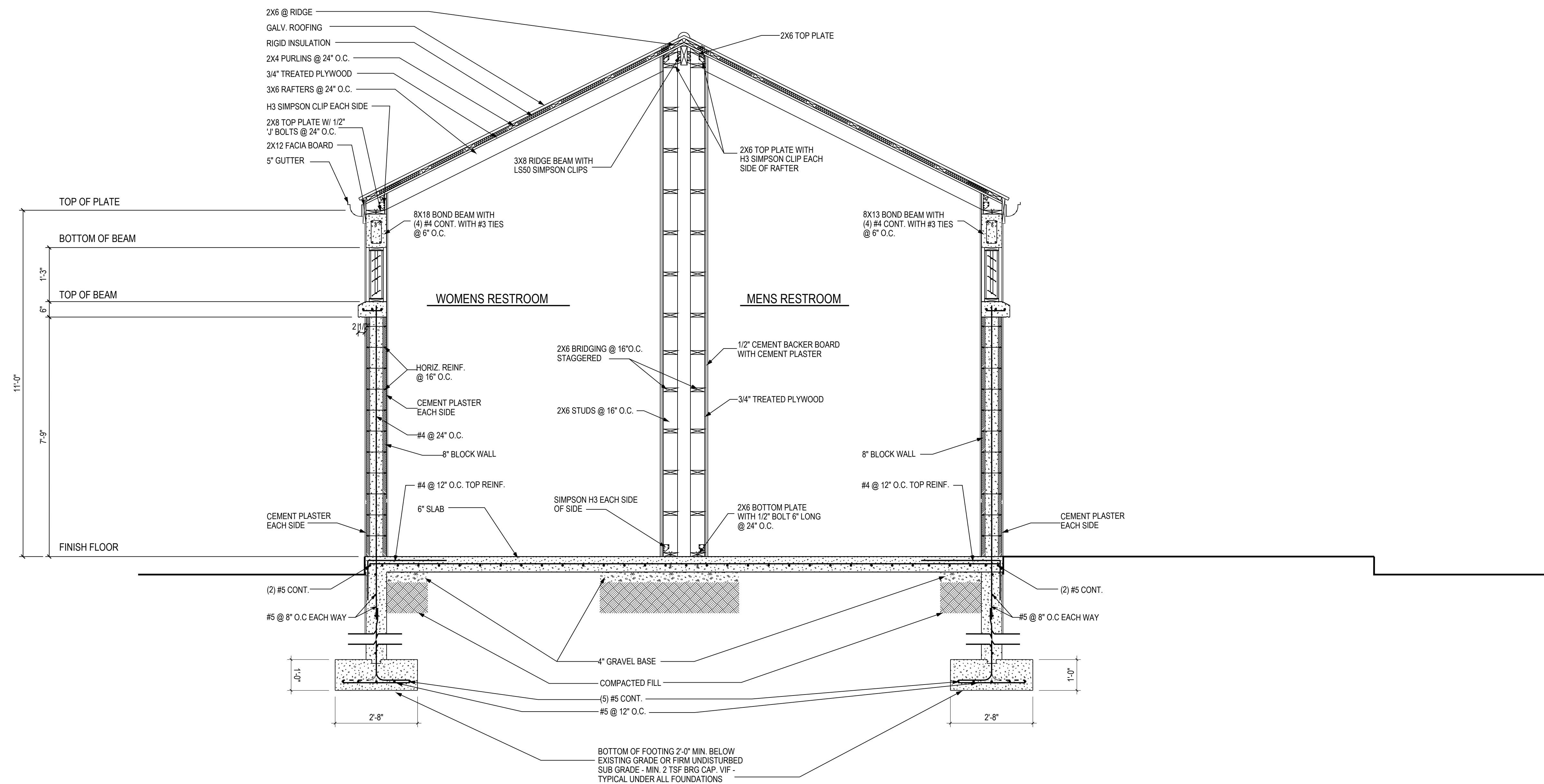
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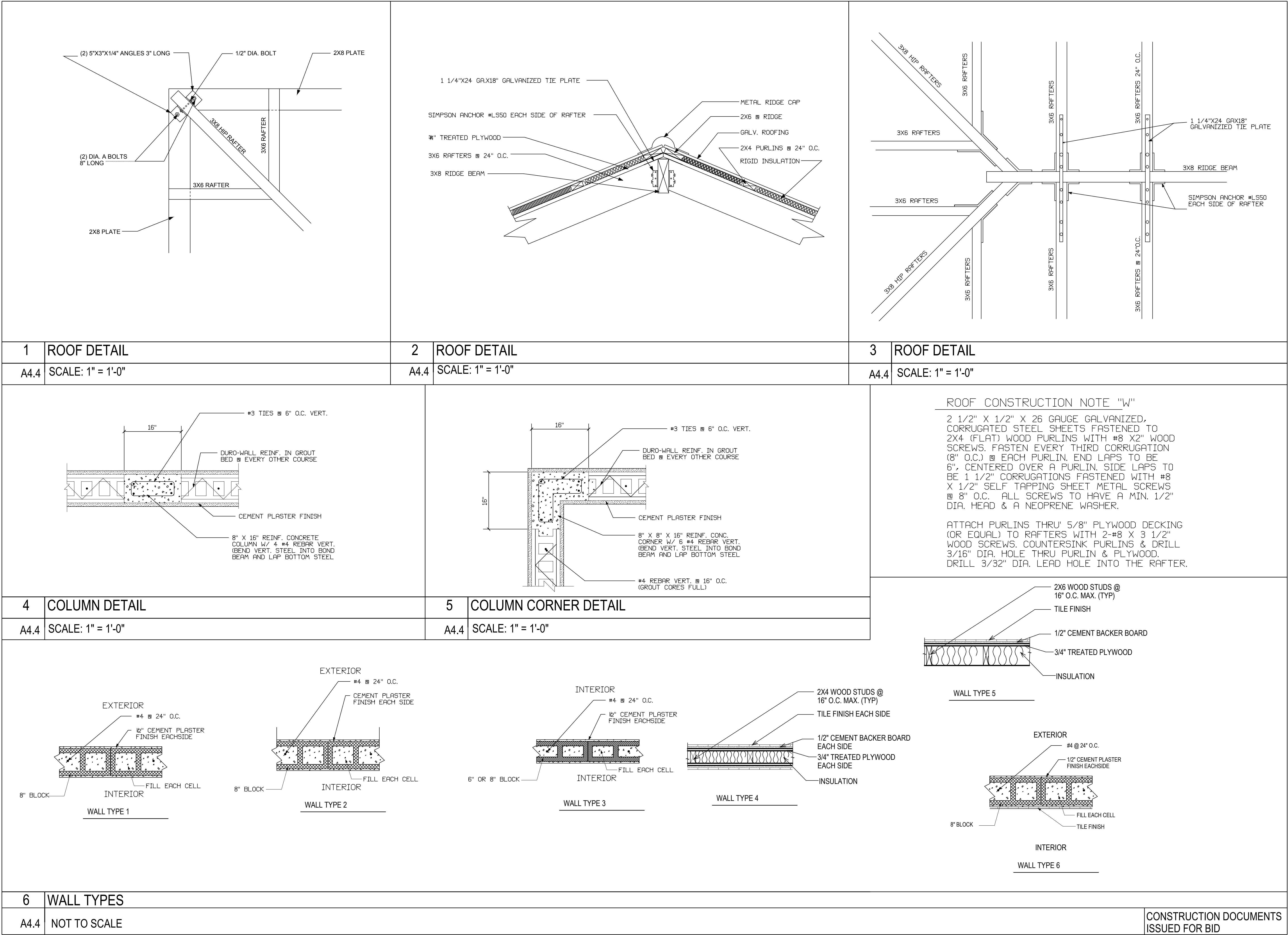
SECTION A-A

REVISIONS

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SCALE:	1/2" = 1'-0"
DATE:	05/27/2014
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A4.3







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HIGH SCHOOL
TRACK & FIELD
RENOVATION
PROJECT
5A-5C VICORP
LAND, KINGSHILL
ST. CROIX, U.S.V.I.

DETAILS

REVISIONS	

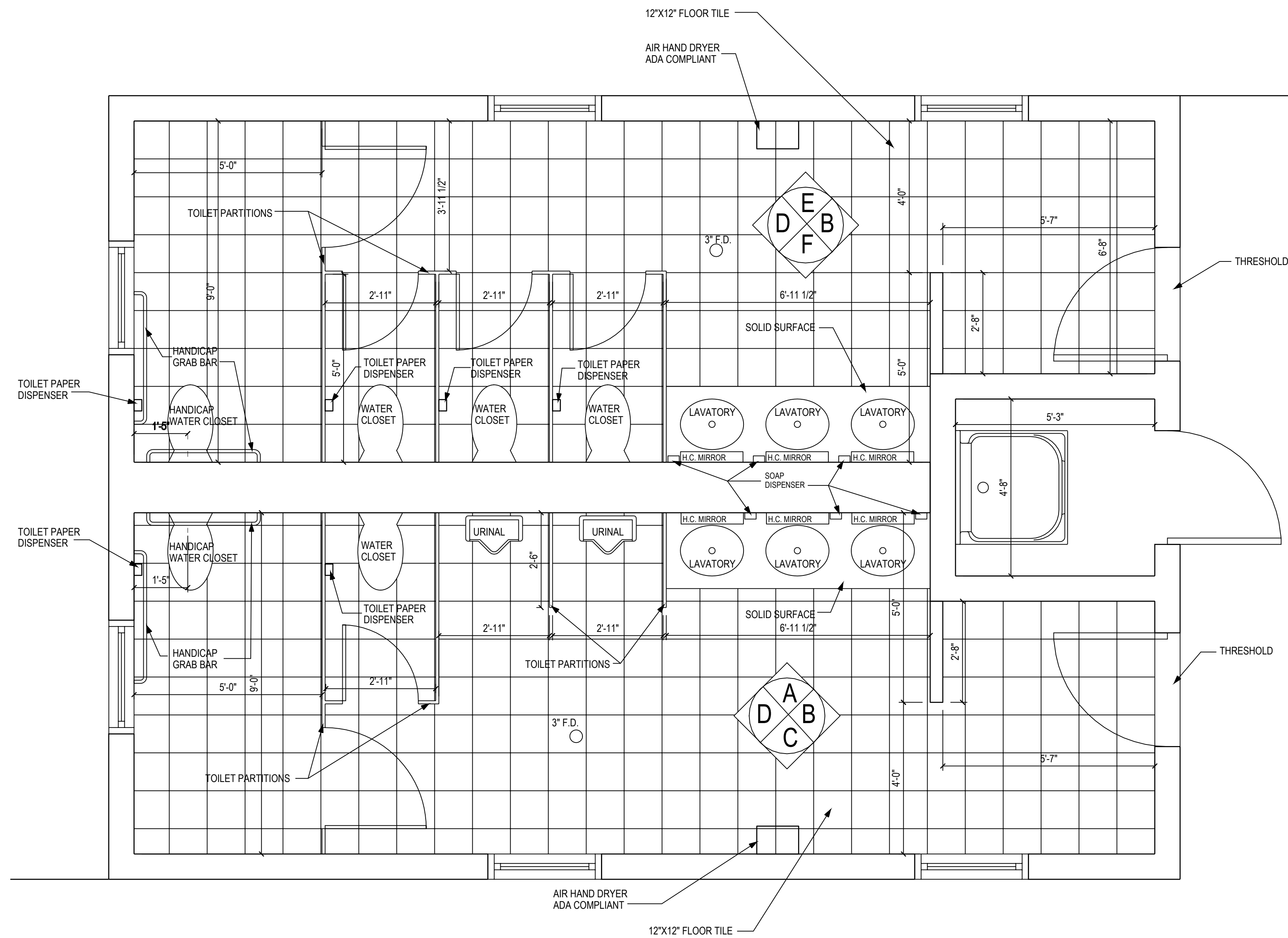
DRAWN BY:	B.S. & O.C.
CHECKED BY:	deJONGH
SCALE:	SEE DRAWINGS
DATE:	05/27/2014
JOB NO:	2010.7B
SHEET:	A4.4

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HIGH SCHOOL
TRACK & FIELD
RENOVATION
PROJECT
5A-5C VICORP
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ST. CROIX, U.S.V.I.

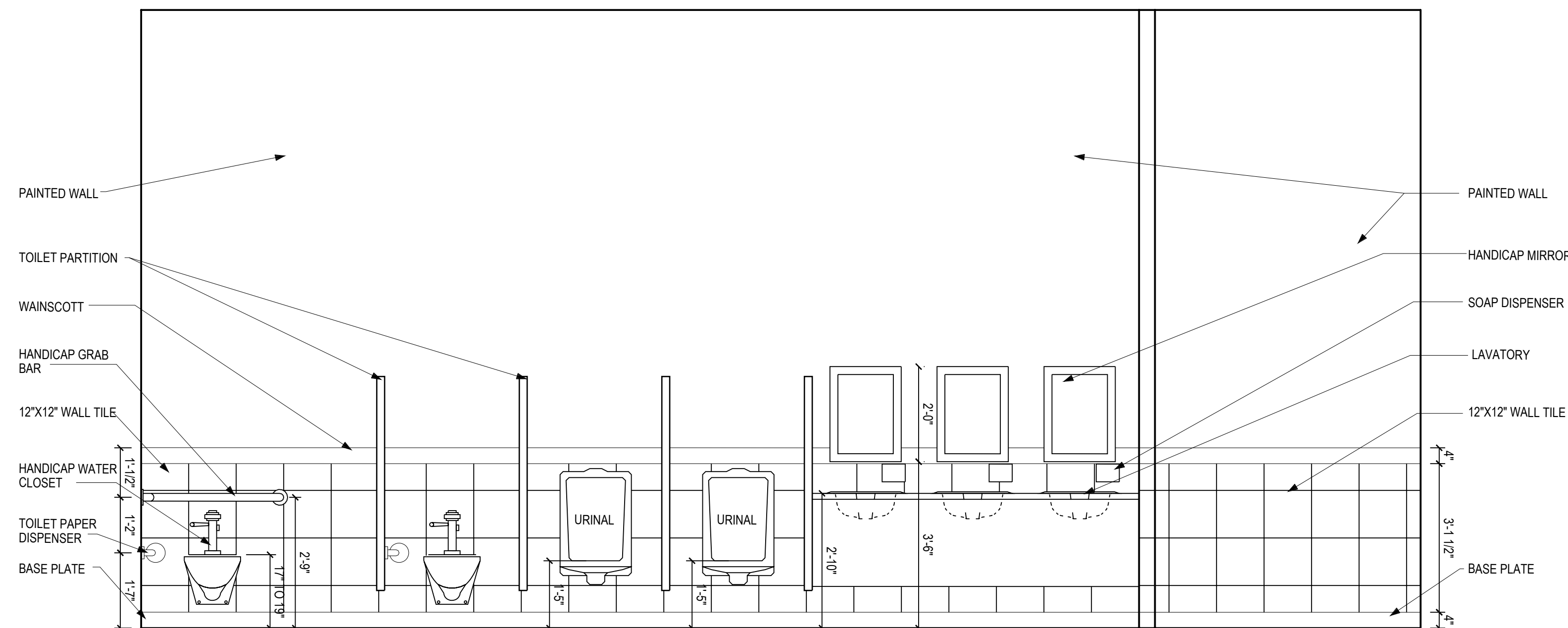
REVISIONS

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SCALE:	1/2" = 1'-0"
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A4.5



1 INTERIOR ELEVATION
SCALE: 1/2" = 1'-0"



A INTERIOR ELEVATION
SCALE: 1/2" = 1'-0"

CONSTRUCTION DOCUMENTS
ISSUED FOR BID

deJongh

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ARCHITECTS & PLANNERS
2200 ESTATE STAABI
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PH. 340.774.8035

VITEST Engineers

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Construction Materials Testing

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Donald S. Law, P.E.
VI Registration No 1088E

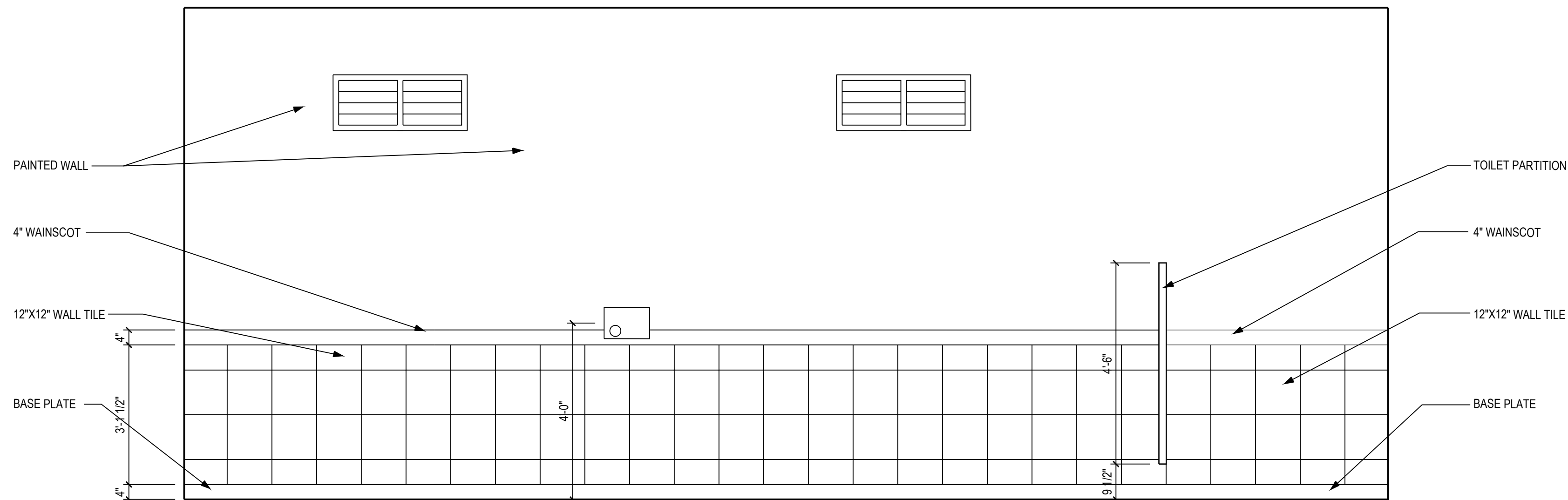
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INTERIOR ELEVATIONS

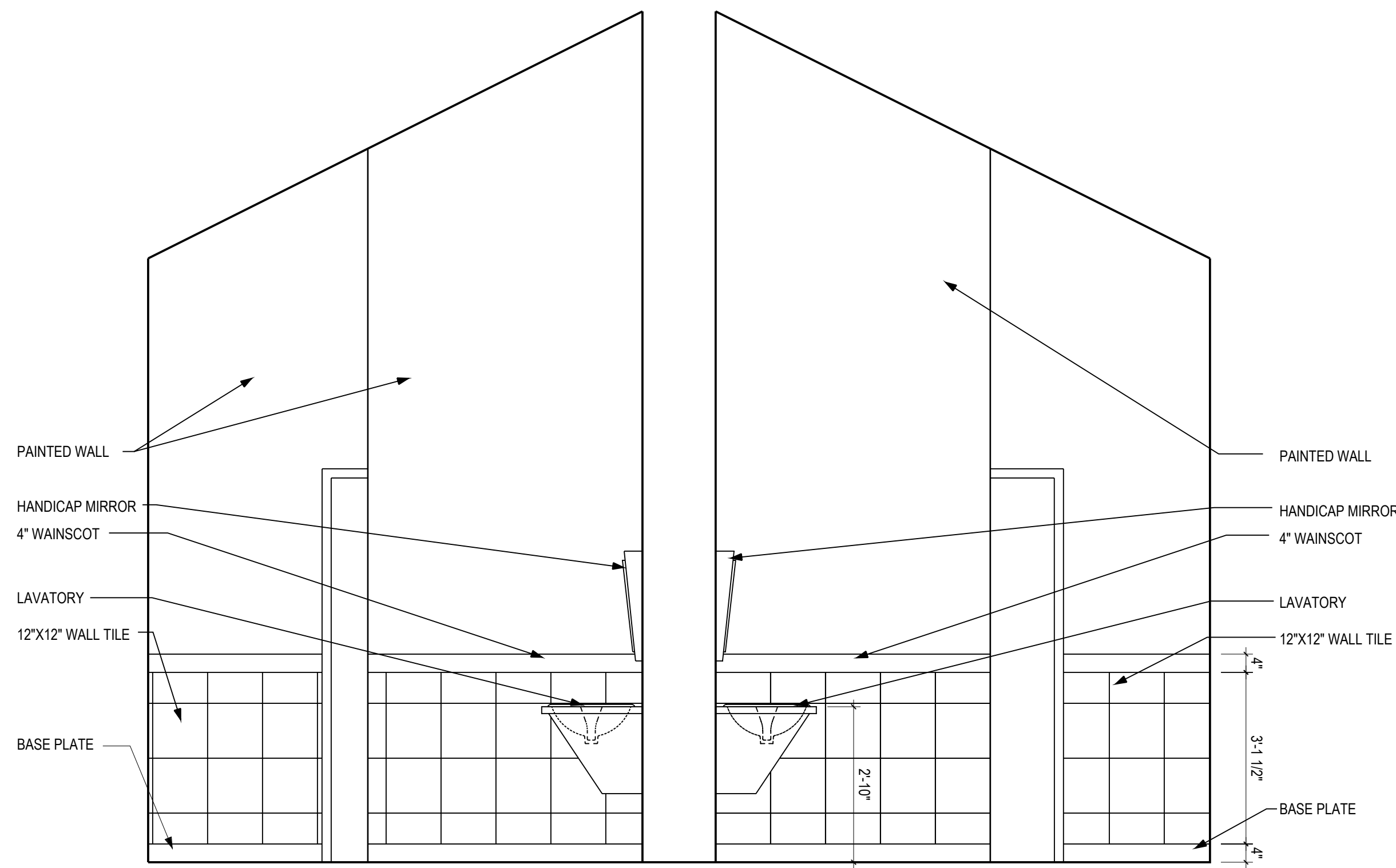
REVISIONS	

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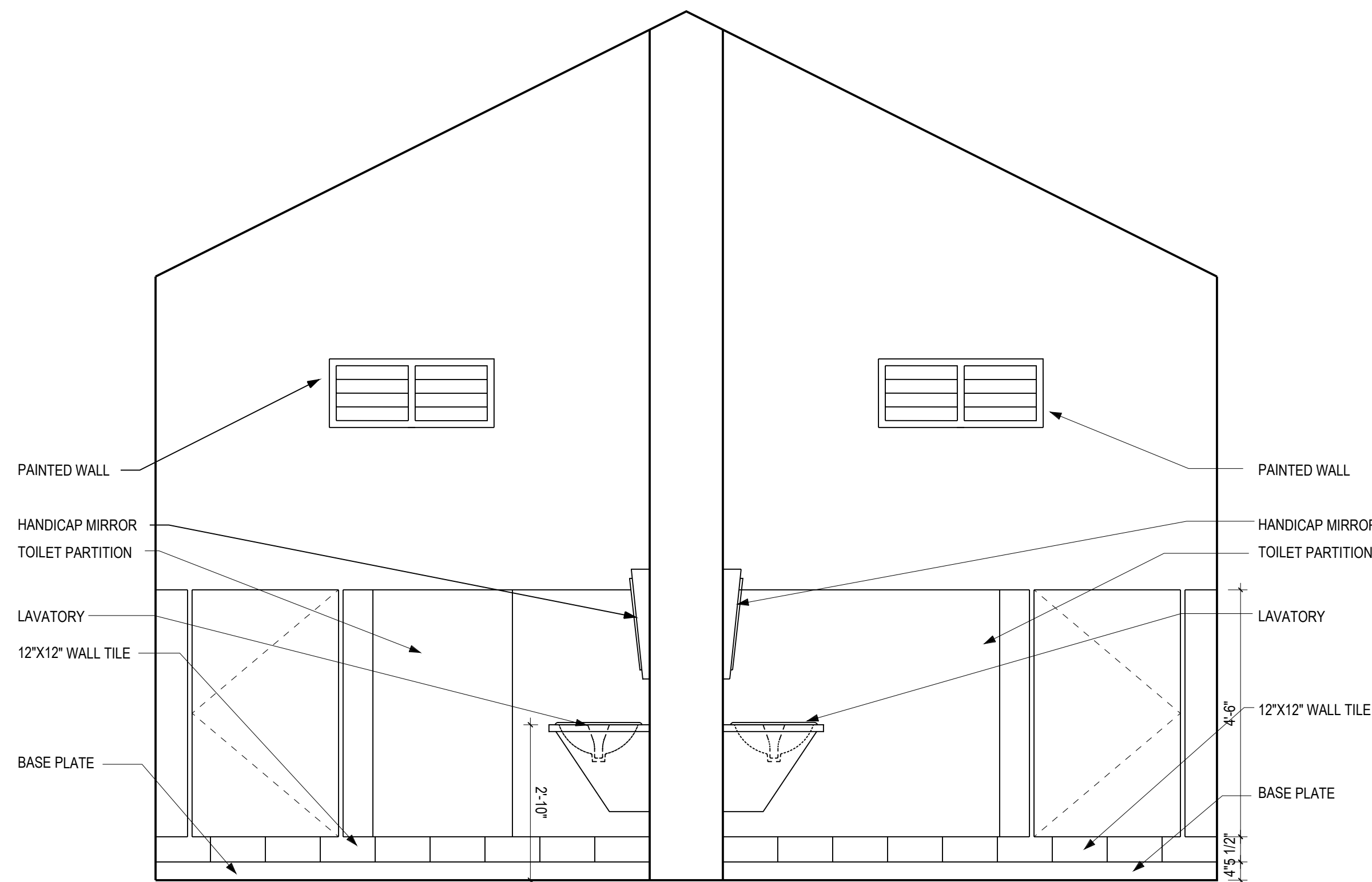
A4.6



C INTERIOR ELEVATION
SCALE: 1/2" = 1'-0"



B INTERIOR ELEVATION
SCALE: 1/2" = 1'-0"



D INTERIOR ELEVATION
SCALE: 1/2" = 1'-0"

CONSTRUCTION DOCUMENTS
ISSUED FOR BID

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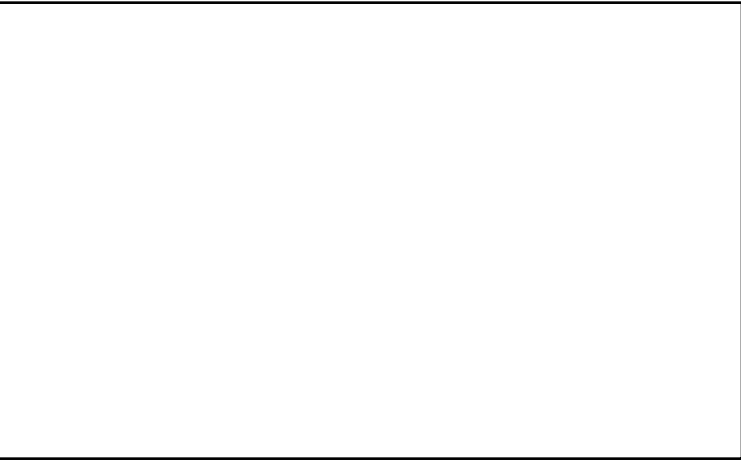
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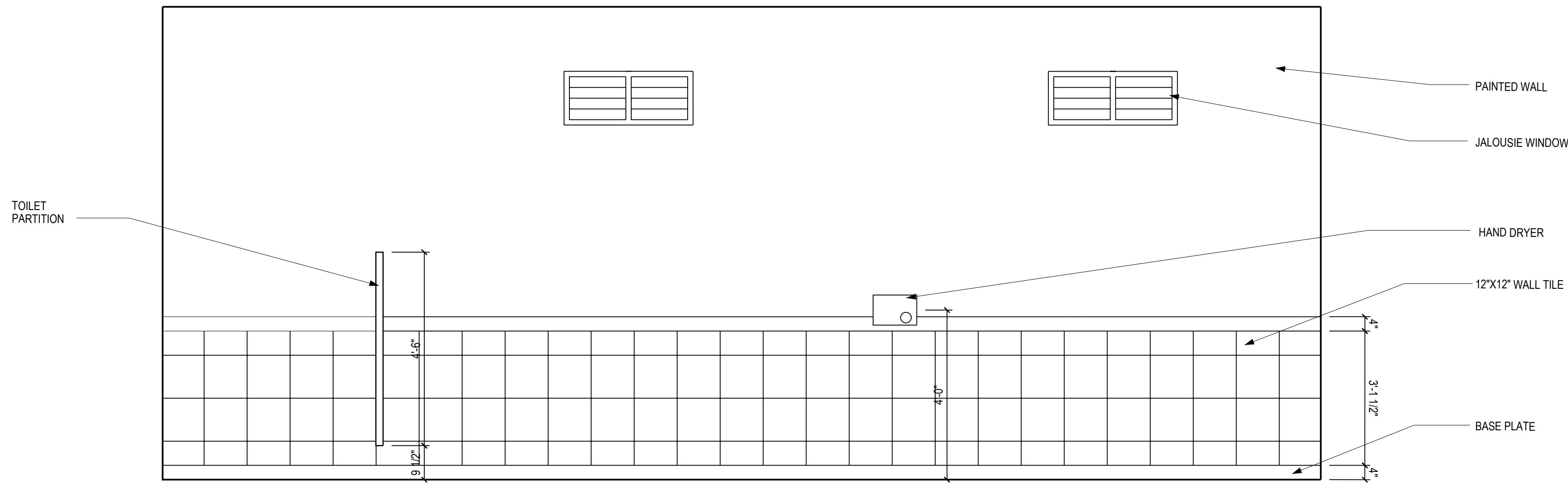
5A-5C VICORP
LAND, KINGSHILL
ST. CROIX, U.S.V.I.

INTERIOR
ELEVATIONS

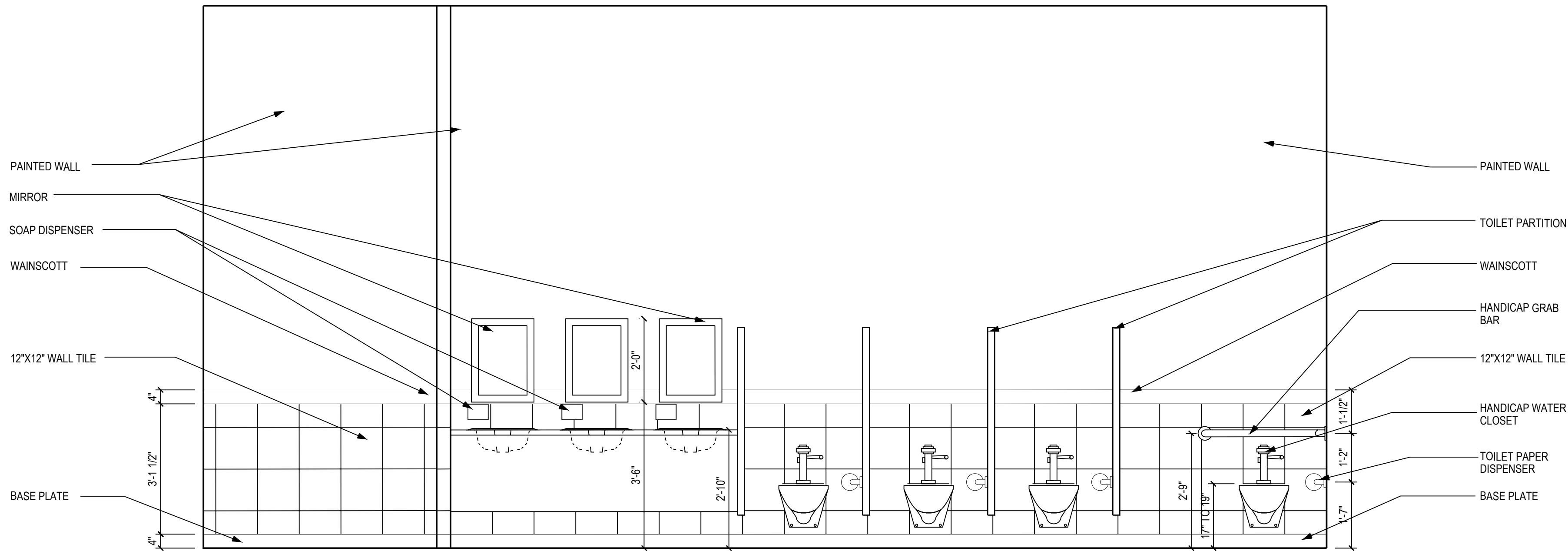
REVISIONS	

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A4.7



E INTERIOR ELEVATION
SCALE: 1/2" = 1'-0"



F INTERIOR ELEVATION
SCALE: 1/2" = 1'-0"

CONSTRUCTION DOCUMENTS
ISSUED FOR BID

GENERAL ELECTRICAL NOTES:

- A. ALL ELECTRICAL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE LATE EDITION OF THE N.E.C.
- B. THE ELECTRICIAN SHALL OBTAIN ALL PERMITS AND PAY ALL FEES RELATED TO HIS WORK.
- C. ALL WIRING SHALL BE COPPER #12 OR LARGER. ALUMINUM WIRE IS NOT ACCEPTABLE.
- D. WIRE TYPE AWG IS PREFERRED, ALTHOUGH OTHERS ARE ACCEPTABLE.
- E. ALL WIRING SPLICES SHALL BE MADE USING 3M ELECTRICAL SPRING CONNECTORS OR EQUAL "TWIST-ONS" TO CORRECT SIZE. WIRE TAPED OR TWISTED IS NOT ACCEPTABLE.
- F. ALL CONDUITS INSTALLED IN CONCRETE OR MASONRY SHALL BE RIGID NON-METALLIC TYPE (P.V.C.). ALL OUTLETS AND SWITCH BOXES SHALL BE NON-METALLIC TYPE.
- G. GROUNDING CONDUCTORS SHALL BE CONNECTED TO NEUTRAL CONDUCTORS AT THE SERVICE ENTRANCE ONLY. CERTAIN EXCEPYIONS AS PERMITTED BY THE N.B.C. SHALL BE PERMITTED.
- H. ELECTRICAL SERVICE SHALL BE 120-240 VOLTS, SINGLE PHASE, 60 CYCLES, 3 WIRE CONNECTION. SEVICE SHALL BEGIN AT POINT OF ATTACHMENTS OF OVERHEAD SERVICE DROP CABLE.
- I. ELECTRICAL SYSTEM LAYOUT INDICATED ON DRAWINGS ARE GENERALLY DIAGRAMMATIC AND LOCATION OF OUTLETS AND EQUIPMENT ARE APPROXIMATE; ROUTING OF RACEWAYS AND LOCATION OF OUTLETS AND EQUIPMENT SHALL BE GOVERNED BY STRUCTURAL CONDITIONS AND OBSTRUCTIONS.

GENERAL NOTES:

1. REFER TO SPECIFICATIONS FOR MATERIALS AND EQUIPMENT REQUIREMENTS.
2. COORDINATE INSTALLATION WITH ALL OTHER TRADES BEFORE INSTALLATION TO ELIMINATE CONFLICTS.
3. WHERE CODUIT IS EXPOSED, FOLLOW ROOF LINE AND KEEP TIGHT TO STRUCTURE.

LEGEND

- PORCELAIN SURFACE MOUNT LIGHT FIXTURE
- SURFACE MOUNTED OCCUPANCE SENSOR
- RECEPTACLE
- POWER PANEL
- SINGLE SWITCH
- GFI

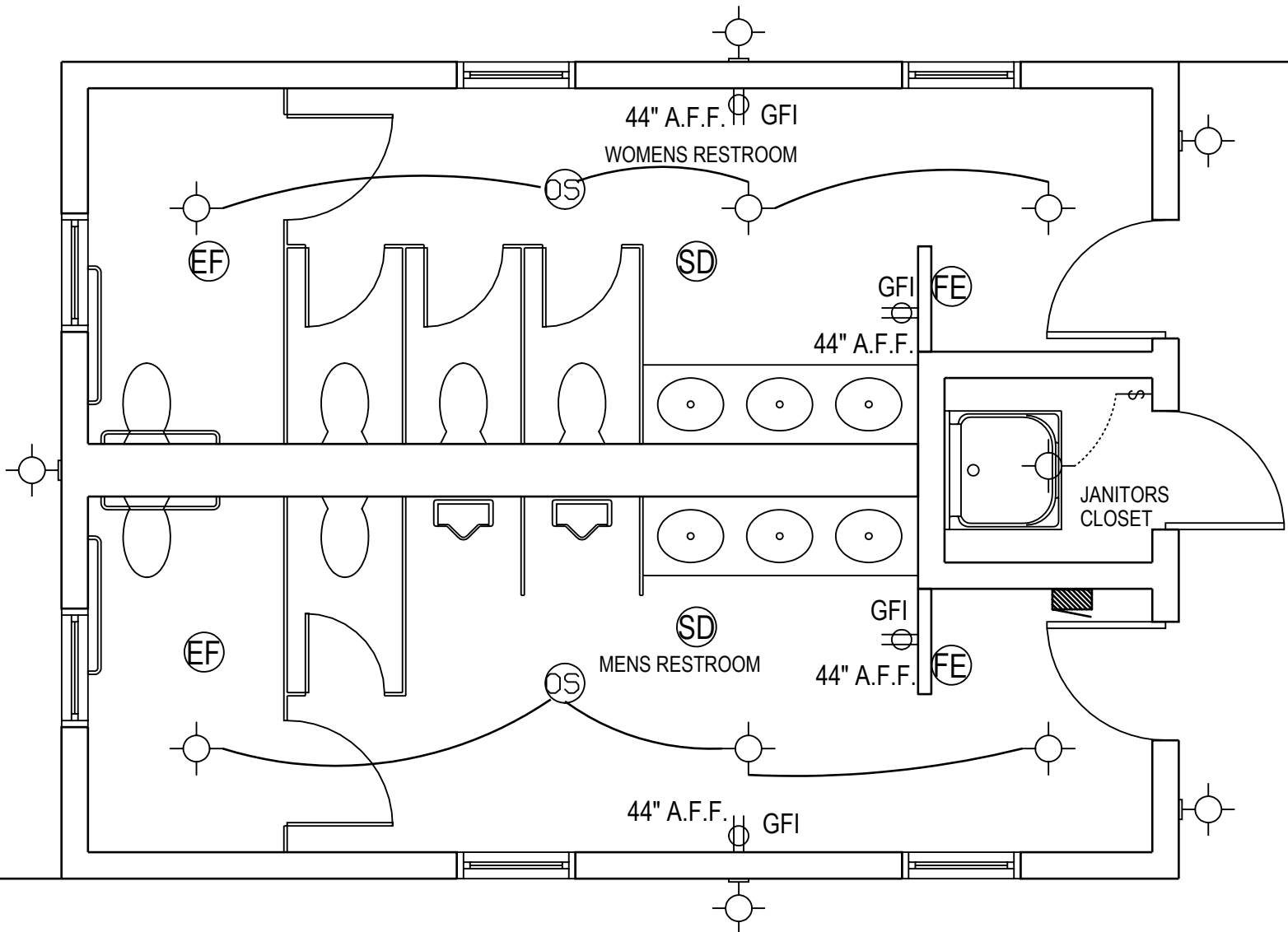
GROUND FAULT INTERRUPTER
- A.F.F.

ABOVE FINISH FLOOR
- EXTERIOR LIGHTING
- EF

EXHAUST FAN
- SD

SMOKE DETECTOR (HARD WIRE TO PANEL BOX)
- FE

FIRE EXTINGUISHER



2 POWER, LIGHTING LAYOUT AND NOTES

SCALE: 1/4" = 1'-0"



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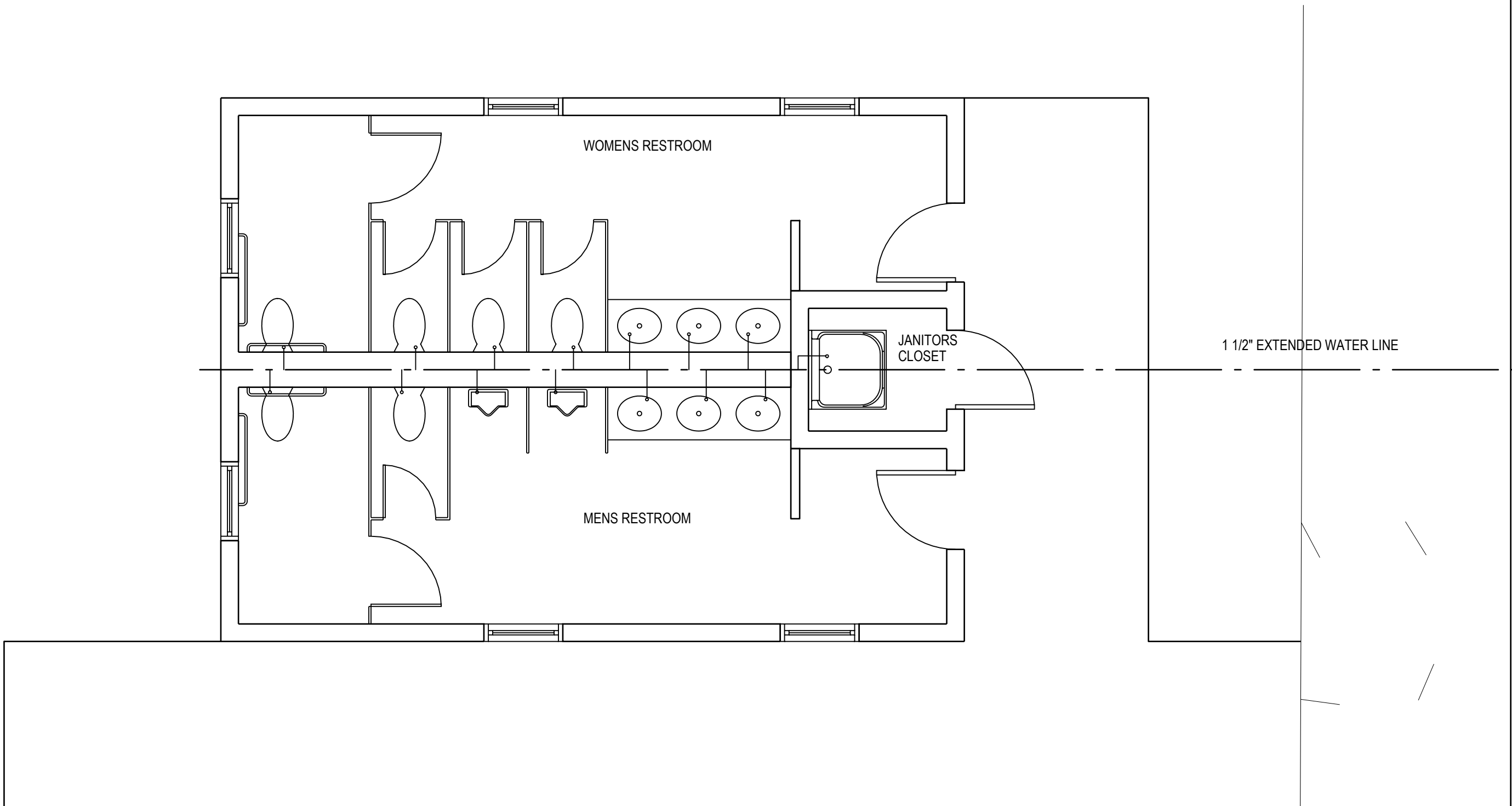
POWER, LIGHTING
LAYOUT AND NOTES

REVISIONS

NO.	DESCRIPTION

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E1.1



GENERAL NOTES:

1. REFER TO SPECIFICATIONS FOR MATERIALS AND EQUIPMENT REQUIREMENTS.
2. COORDINATE INSTALLATION WITH ALL OTHER TRADES BEFORE INSTALLATION TO ELIMINATE CONFLICTS.
3. WHERE PIPING IS EXPOSED, FOLLOW ROOF LINE AND KEEP TIGHT TO STRUCTURE.

KEYED NOTES:

1. NO TRAP AT THIS LOCATION.
2. 1-1/4" VENT THROUGH WALL CONSTRUCTION.
3. 4" VTR NEAR RIDGE LINE. PAINT EXPOSED PORTION TO MATCH ROOF COLOR.
4. 2" CW, OR CONTINUATION.
5. 1-1/2" CW DOWN FROM ABOVE.

PLUMBING NOTES:

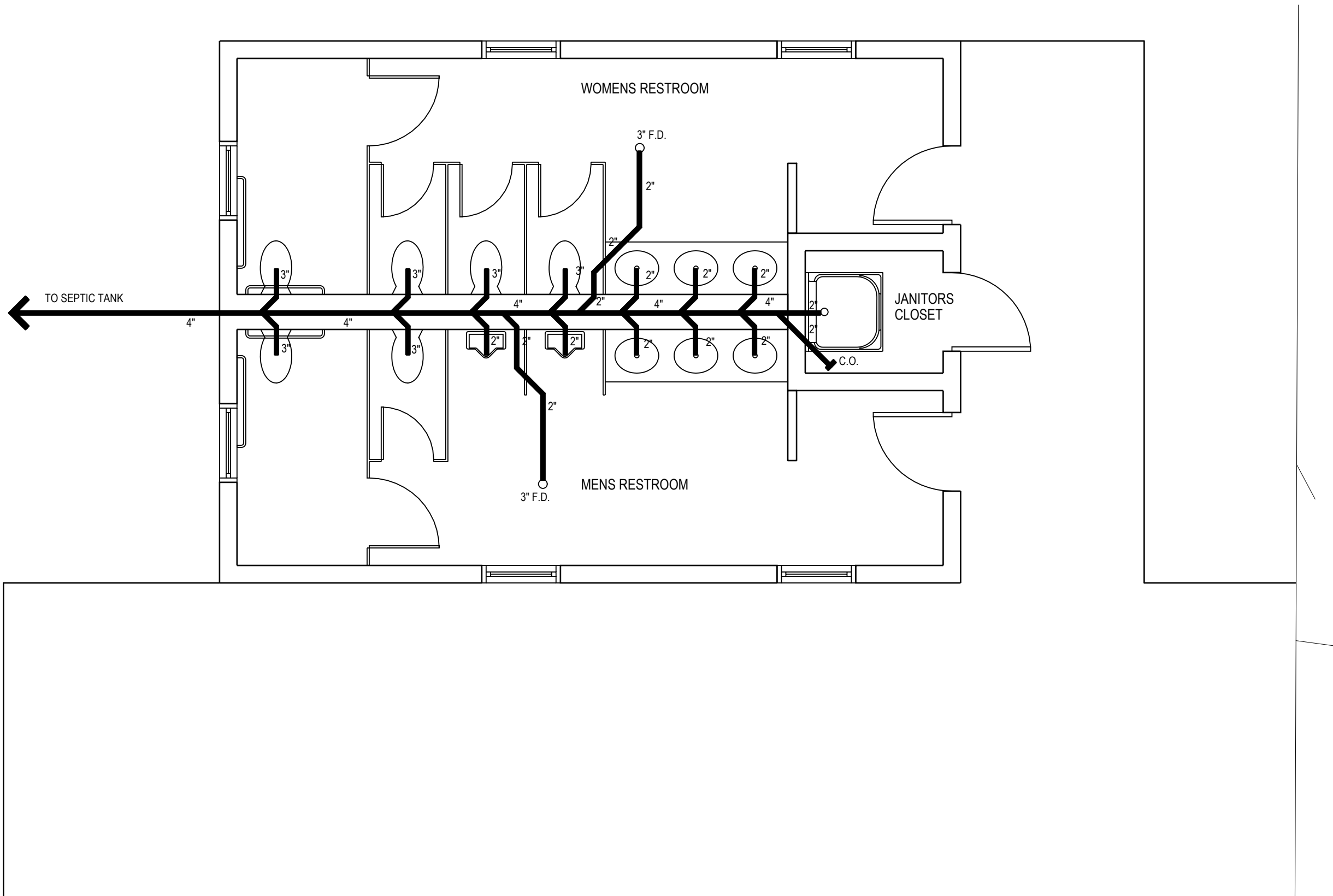
- A. THE PLUMBING SYSTEM FOR THIS WORK INCLUDES ALL COLD WATER DISTRIBUTION. VENTS, WASTES, AND PLUMBING ITEMS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
- B. THESE ITEMS AS INDICATED ON THE DRAWINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE V.I. CODE AND THE AMERICAN STANDARD NATIONAL PLUMBING CODE, ASME.
- C. DRAINAGE, WASTE, VENT, AND POTABLE SUPPLY TO AND FITTINGS SHALL BE PVC, TYPE 1, RATED 160 PSI AT 73 DEGREES F. WITH PVC SCHEDULE 80 SHALL BE ABOVE GRADE AND TYPE K IN SLAB WITH PVC SLEEVES .

1 WATER LINE PLAN

P1.1 SCALE: 1/4" = 1'-0"

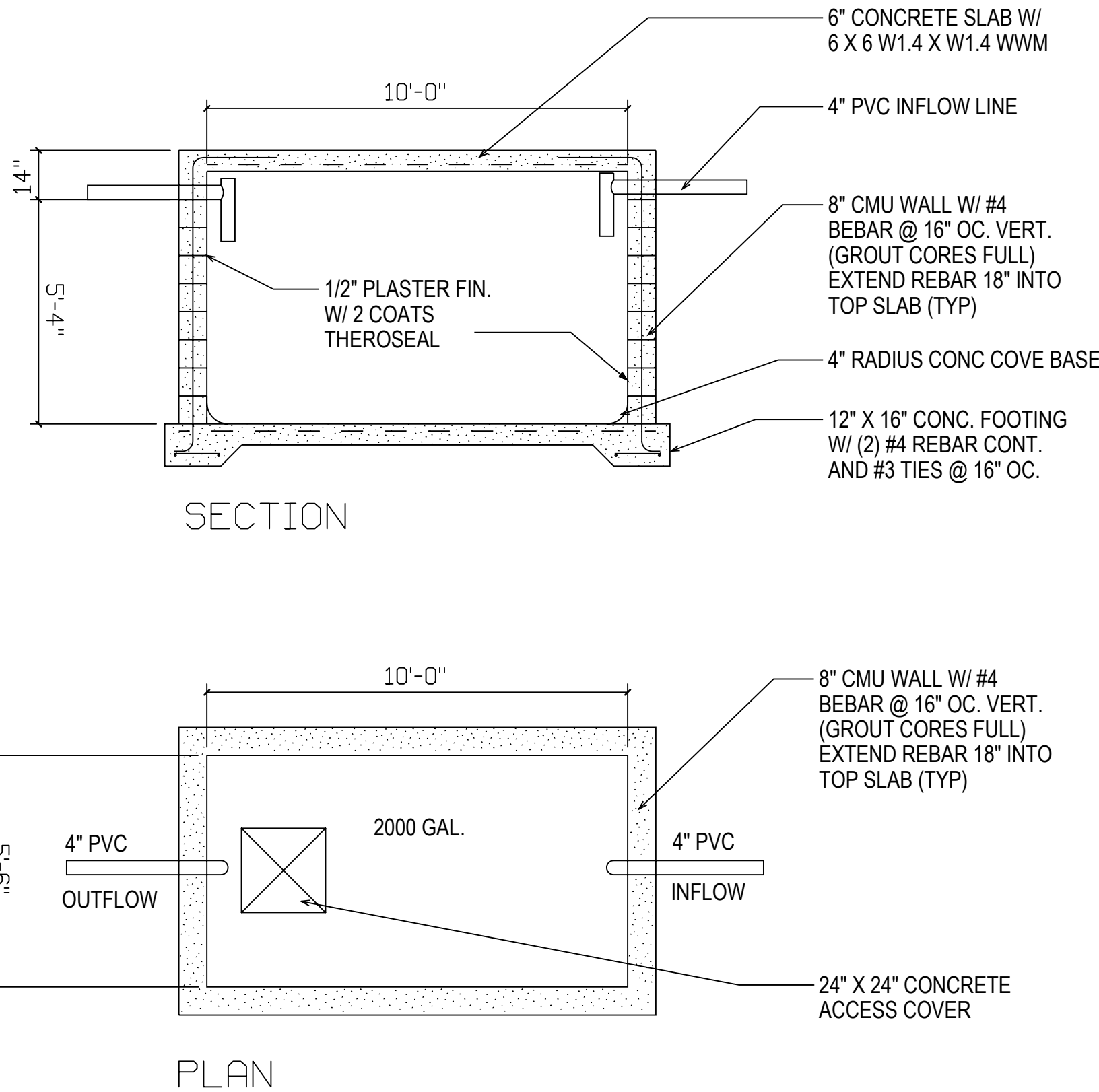
4 PLUMBING NOTES

P1.1 NO TO SCALE



2 SEWER LINE PLAN

P1.1 SCALE: 1/4" = 1'-0"



3 SEPTIC PLAN AND SECTION

P1.1 NO TO SCALE

CONSTRUCTION DOCUMENTS
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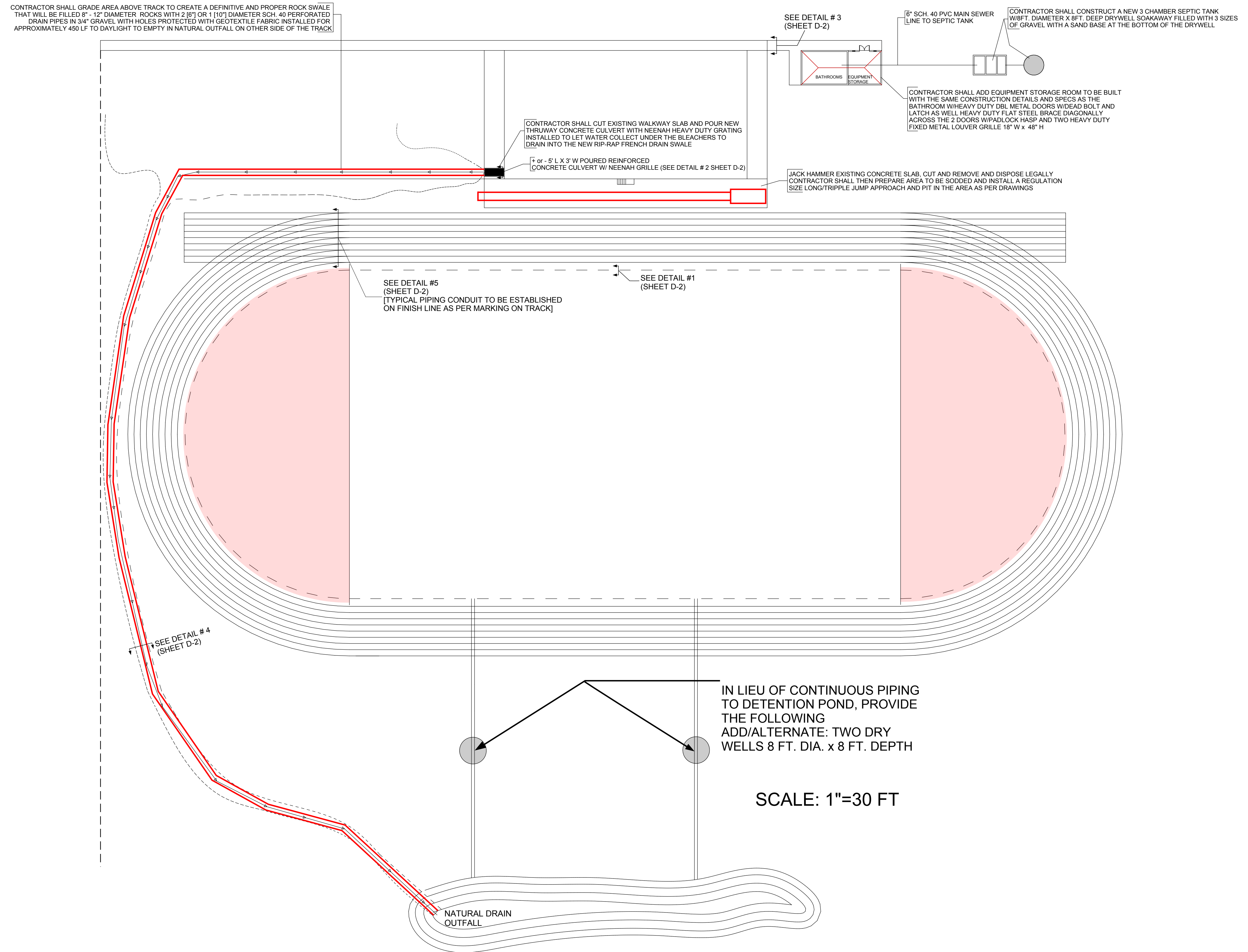
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PLUMBING PLAN AND NOTES

REVISIONS

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P1.1



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Phone: 340-774-0100

DRAWING ADDENDUM #1
DEPARTMENT OF EDUCATION
ST. CROIX CENTRAL HIGH SCHOOL
TRACK & FIELD RENOVATION PROJECT

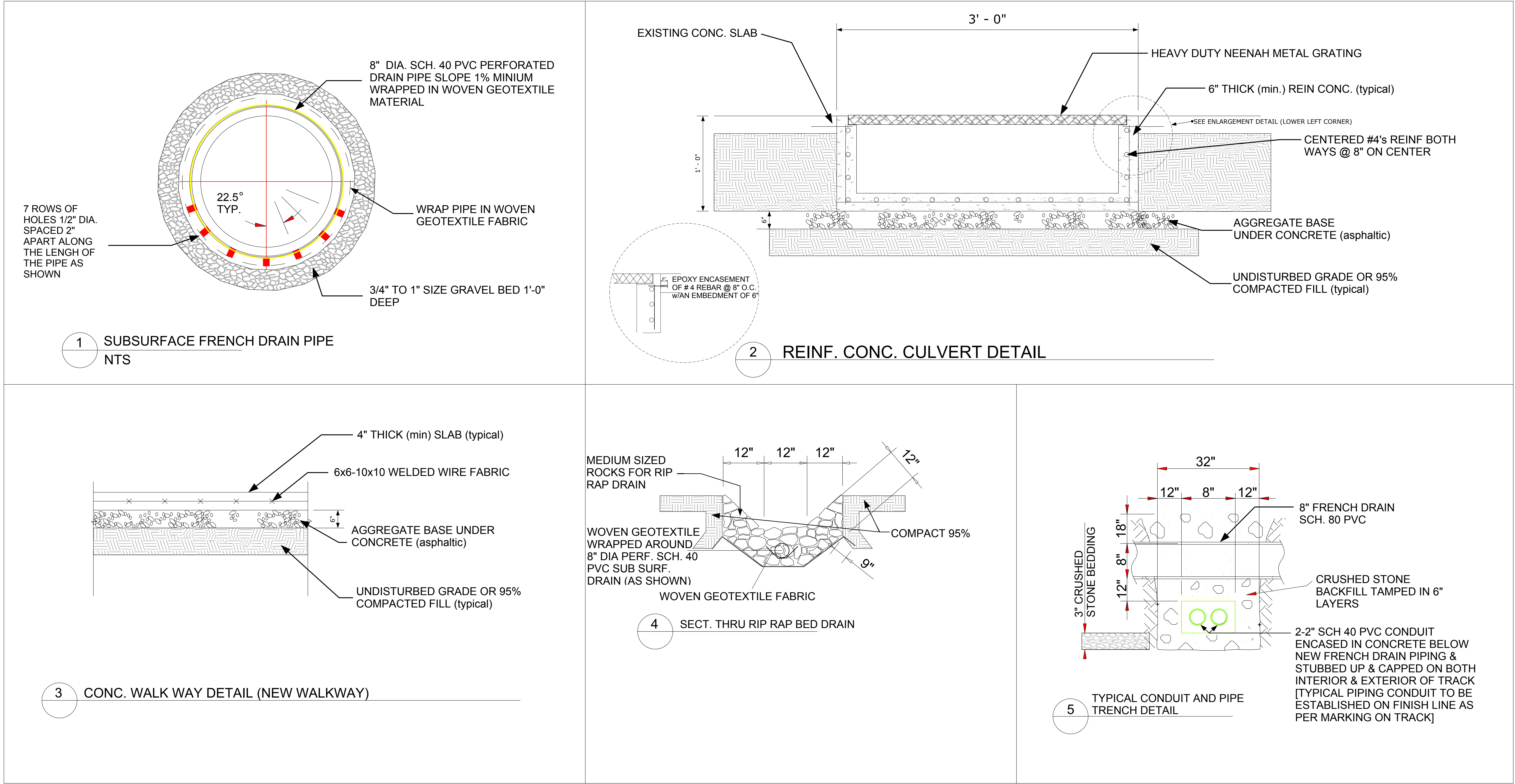
RFD NO. 2 KINGSHILL ST. CROIX USVI

Plans drawn by: The Department of Education



SHEET D-1
PAGE 1 OF 2

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Plans drawn by: The Department of Education



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