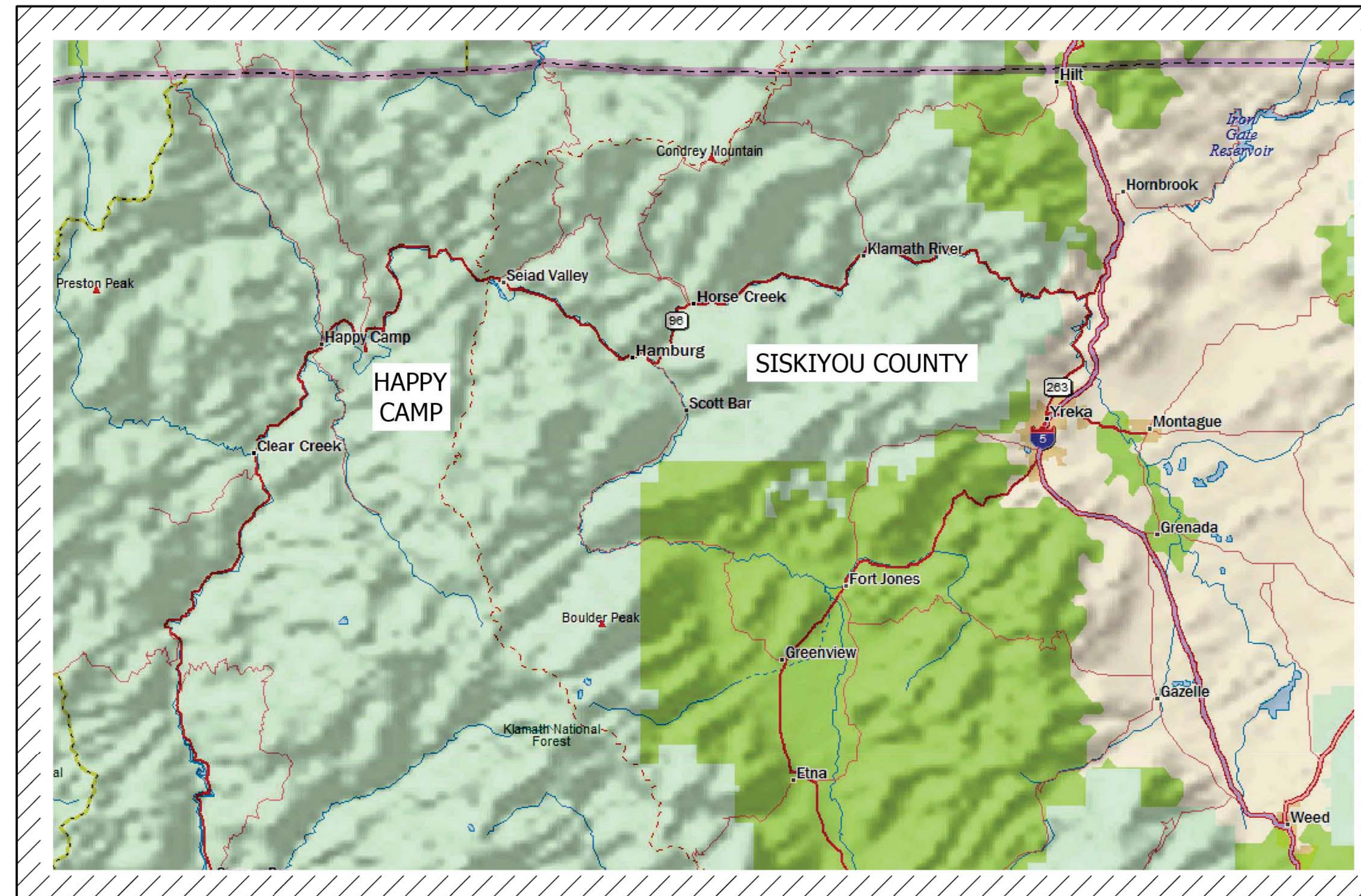


SKYLINE DEVELOPMENT
for:
PUBLIC WORKS
Happy Camp, Siskiyou County, California



CALIFORNIA MAP
NOT TO SCALE



C1	TITLE SHEET
C2	NOTES, QUANTITIES & TYPICAL SECTION
C3	EXISTING SITE PLAN
C4	PROPOSED SITE PLAN
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C7	SKYLINE COURT CUL-DE-SAC DETAIL
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C15	WATER DETAILS
C16	SANITARY SEWER DETAILS
C17	SANITARY SEWER DETAILS
S1	SEWER LIFT CONTROL BUILDING
S2	SEWER LIFT CONTROL BUILDING

ABBREVIATIONS					
AC	ASPHALT CEMENT	FM	FLOW METER	R	RADIUS, RANGE
ACP	ASBESTOS CONCRETE PIPE	FNC	FENCE	RD	ROAD
AD	AREA DRAIN, ALGEBRAIC DIFFERENCE IN GRADE	GD	GAS SERVICE	RB	REBAR
AG	ABOVE GROUND	GCE	GRADE	RCE	REGISTERED CIVIL ENGINEER
AGG.	AGGREGATE	GND	GROUND	RCP	REINFORCED CONCRETE PIPE
APPROX.	APPROXIMATE	GV	GATE VALVE	RSE	REINFORCED SOIL EMBANKMENT
B	BELL FITTING	H	HORIZONTAL	RSP	ROCK SLOPE PROTECTION
BIT	BITUMINOUS	HCCSD	HAPPY CAMP COMMUNITY SERVICES DISTRICT	R/W	RIGHT OF WAY
BK	BACK	HCSd	HAPPY CAMP SANITARY DISTRICT	RT	ROAD
B/D	BUILDING	HD	HEAD	R	ROUTE, RIGHT
BOW	BOTTOM OF WALL	HDPE	HIGH DENSITY POLYETHYLENE PIPE	RW	RAW WATER
BWCE	BEGIN VERTICAL CURVE ELEVATION	HORIZ	HORIZONTAL	S	SLOPE, SOUTH
BW	BEGIN VERTICAL CURVE STATION	HSL	HIGH STRENGTH	SB	SUB
BW	BACKWASH	HM	HUMBOLDT MERIDIAN	SD	STORM DRAIN
CB	CIVIL	HWY	HIGHWAY	SEC	SECTION
CT	CALTRANS	I	INLET	SE	SECTION FEET
CS	CATCH BASIN	INT-X	INTERSECTION	SH	SHEET
C.P.	CAST IN PLACE	INV.	INVERT	SHDR	SHOULDER
CL	CLASS	IRR	IRRIGATION WATER LINE	SL	SIMILAR
C, CL	CENTERLINE	J	ELECTRICAL JUNCTION BOX	SM	STREET LIGHT
COND.	CONCRETE	K	VERTICAL CURVE COEFFICIENT	SQ	SQUARE
COR	CONTRACTING OFFICERS' REPRESENTATIVE	L	LENGTH	SR	STATE ROUTE
CMP	CORRUGATED METAL PIPE	L.F.	LINE FEET	STA	STATION
C	CONTROL POINT	L.S.	LICENSED SURVEYOR, LUMP SUM	STD	STANDARD
D	DELTA	LT	LEFT	S.T.	SEPTIC TANK
DIA	DIAMETER	MAX.	MAXIMUM	SW	SURFACE WASH
DIP	DUCTILE IRON PIPE	MIN.	MINIMUM	TEL	TELEPHONE
D/W, DWY	DRIVEWAY	MJ	MECHANICAL JOINT	TBD	TO BE DETERMINED
DET	DETAIL	MOD	MODULAR, MODIFY	TC	TOP OF CONCRETE, TOP OF CURB
D	DEPARTMENT OF HEALTH	MP	MILE MARKER POST	TH	THREADED
DIA	DRAINAGE INLET	MSE	MECHANICALLY STABILIZED EARTH	TOW	TOP OF WALL
D	DRAINAGE	MTN	MOUNTAIN	TP	TOP OF ASPHALT PAVEMENT
DIMS	DIMENSIONS	NCS	NATIONAL COSMETIC SURVEY	TY	TYPICAL
(E), EXIST	EXISTING	(N)	NEW	TYCE	TRINITY VALLEY CONSULTING ENGINEERS
EA	EASTING, EAST, ELECTRIC	N	NORTHING, NORTH	TW	TOP OF CONC. WALK
E	EACH	NUMBER	NUMBER	UG	UNDERGROUND
EX	EXISTING GROUND	NTS	NOT TO SCALE	UGV	UNDERGROUND VOLTAGE LINE
ELEV	ELEVATION	OC	ON CENTER	VAR	VARIABLE
EP	EDGE OF PAVEMENT	OHU	OVERHEAD UTILITY LINES	VC	VERTICAL CURVE
ET	ELECTRICAL TRANSFORMER	OUT	OUTSIDE	VERT	VERTICAL
EVE	END VERTICAL CURVE ELEVATION	P	POINT OF	VOLTAGE	VOLTAGE
EVCS	END VERTICAL CURVE STATION	PERF	PERFORATED	W	WEST
EXC	EXCAVATION	PI	POINT OF INTERSECTION	W/O	WITHOUT
F/C	FACE OF CURB	P/L	PROPERTY LINE	W	WITH
FES	FLARED END SECTION	PFB	POINT OF BEGINNING	WM	WATER METER
FG	FINISH GRADE	POLY	POLYMER	WP	WEATHER PROOF
FI	FIRE HYDRANT	PP	POWER POLE/UTILITY POLE	WVR	WATER VALVE
FHWA	FEDERAL HIGHWAY ADMINISTRATION	PRC	POINT OF REVERSE CURVE	YR	YEAR
FIN	FINISH	PRV	PRESSURE RELIEF VALVE		
FL	FLOW LINE, FOGLINE	PT	POINT OF TANGENCY		
FLG	FLOW LINE FITTING	PVC	POINT OF VERTICAL CURVE		

APPROVAL BY: _____
JOSHUA T. MCKNIGHT, RCE NO. 60687
PROJECT ENGINEER

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SKYLINE DEVELOPMENT
FOR
KARUK TRIBE
PUBLIC WORKS
Happy Camp, Siskiyou County, California

1. DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN IN THESE DRAWINGS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND ANY APPLICABLE CONTRACT SPECIFICATIONS.
2. THE CONTRACTOR SHALL PROVIDE ALL UTILITIES AS NECESSARY TO SUCCESSFULLY COMPLETE ANY AND ALL CONSTRUCTION ACTIVITIES.
3. ALL EXISTING FENCES AND UTILITIES SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION OR BE REPLACED AT THE CONTRACTOR'S EXPENSE.
4. ALL EXISTING AND PROPOSED DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO STARTING WORK.
5. CONTRACTOR SHALL COORDINATE WITH PUBLIC WORKS DEPT. ON ALL CONSTRUCTION ACTIVITIES.

- DUST CONTROL NOTES:

1. THE CONTRACTOR SHALL IMPLEMENT ONE OR BOTH OF THE FOLLOWING MEASURES FOR DUST CONTROL ON THIS SITE:
 - 1.1 SPRAYING OF WATER SO AS NOT TO GENERATE ADDITIONAL RUNOFF. NO DUST PALLIATIVE MATERIALS OTHER THAN WATER WILL BE USED ON THIS PROJECT. IF NON-POTABLE WATER IS TO BE USED, IT MUST BE CONVEYED IN TANKS OR PIPES CLEARLY LABELED AS "NON-POTABLE WATER - DO NOT DRINK".
 - 1.2 COVERS FOR EXPOSED AREAS.

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL MATERIALS AND EQUIPMENT STORED ONSITE SHALL HAVE ADEQUATE COVERINGS AND CONTAINMENT TO PREVENT LEAKAGE AND SPILLS.
2. ALL MATERIALS AND EQUIPMENT SHALL BE STORED IN DESIGNATED AND APPROVED AREAS. THE AREA SHALL BE BERMED WITH EARTH DIKES THAT THE CONTRACTOR SHALL INSPECT AND MAINTAIN WEEKLY.
3. ALL FLAMMABLE, REACTIVE, AND/OR IGNITABLE LIQUIDS MUST COMPLY WITH LOCAL FIRE CODES.
4. PRIOR TO RAIN THE CONTRACTOR SHALL ENSURE THAT MATERIALS ARE COVERED.
5. NO CHEMICALS, DRUMS, OR BAGGED MATERIALS SHALL BE STORED DIRECTLY ON THE GROUND; ITEMS SHALL BE PLACED ON PALLETS AND/OR IN SECONDARY CONTAINMENT.
6. IF DRUMS MUST BE KEPT UNCOVERED, THE CONTRACTOR SHALL STORE THEM AT A SLIGHT ANGLE TO REDUCE PONDING OF RAINWATER AND REDUCE CORROSION.
7. WHEN DANGEROUS MATERIALS AND/OR LIQUID CHEMICALS ARE UNLOADED ONSITE, THE CONTRACTOR SHALL HAVE EMPLOYEES TRAINED IN EMERGENCY SPILL CLEANUP PROCEDURES PRESENT.

1. EQUIPMENT AND VEHICLES TRAVELING ONSITE SHALL BE INSPECTED REGULARLY FOR LEAKS AND BE REPAIRED IMMEDIATELY; DO NOT ALLOW LEAKING VEHICLES ONSITE. KEEP VEHICLES AND EQUIPMENT CLEAN (DO NOT ALLOW EXCESSIVE BUILDUP OF OIL AND GREASE).
2. USE OFFSITE REPAIR SHOPS WHENEVER POSSIBLE; IF ONSITE REPAIRS ARE NECESSARY, USE THE DESIGNATED AREA SURROUNDED BY EARTH BERMS. THE CONTRACTOR SHALL INSPECT THIS AREA WEEKLY AND AFTER EACH RAINSTORM EVENT TO ENSURE THAT THE EARTH BERMS ARE IN PLACE AND FUNCTIONING PROPERLY; ANY NON-FUNCTIONING BERMS SHALL BE REPAIRED IMMEDIATELY.
3. USE DRY CLEAN-UP METHODS FOR SPILLS AS MUCH AS POSSIBLE; USE ABSORBENT MATERIALS FOR SMALL SPILLS AND DISPOSE OF PROPERLY. USE A SECONDARY CONTAINMENT DURING FLUID CHANGES AND REPAIRS TO CATCH SPILLS.
4. SEGREGATE AND RECYCLE WASTES (INCLUDING BUT NOT LIMITED TO: USED OIL AND OIL FILTERS, BATTERIES, ETC.). KEEP HAZARDOUS WASTES SEPARATE FROM NON-HAZARDOUS WASTES; AFTER REPAIRS, ETC., PROMPTLY TRANSFER USE FLUIDS AND WASTES TO THEIR PROPER CONTAINMENT AREAS AND CONTAINERS.

1. SAW CUT EXISTING ASPHALT PAVEMENT WHERE OLD ASPHALT IS TO TIE INTO NEW ASPHALT. TAPER NEW ASPHALT SURFACING TO MATCH THE EXISTING SURFACE SECTION AT THE POINT OF TIE IN TO PROVIDE FOR A SMOOTH TRANSITION. THIS WORK SHALL BE INCIDENTAL TO ASPHALT.
2. REMOVE AND DISPOSE OF REMOVED ASPHALT OR CHIP SEAL AT THE BEGINNING OF THE PROJECT AND IN STRICT ACCORDANCE WITH APPLICABLE RULES AND REGULATIONS FOR SUCH REMOVAL, TRANSPORT, AND DISPOSAL. WORK SHALL BE INCIDENTAL TO CHIP SEALING.

1. AREAS WITHIN THE PROJECT PERIMETER THAT ARE CULTURALLY SENSITIVE SHALL BE PROTECTED AGAINST DAMAGE FROM CONSTRUCTION ACTIVITIES. AT NO TIME SHALL SUCH CULTURALLY SENSITIVE AREAS BE ENTERED, PARKED UPON, STOCK PILED UPON, OR HAVE ANY OTHER ACTIVITY ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT IN ANY WAY INFRINGE UPON, DETERIORATE, DESTROY, OR RENDER TO A STATE OR CONDITION UNACCEPTABLE ANY CULTURALLY SENSITIVE AREA. THE CONTRACTOR AGREES TO PROTECT ALL SUCH AREAS DURING ANY AND ALL ACTIVITIES ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT.

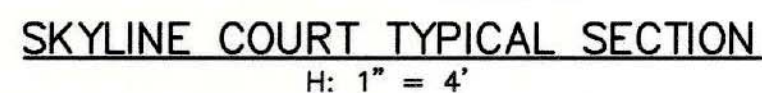
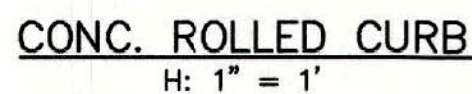
1. QUANTITIES AND LENGTHS OF ITEMS PROVIDED WITHIN THIS PLAN SET ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ACTUAL QUANTITIES OF COMPONENTS REQUIRED FOR THE SUCCESSFUL AND SATISFACTORY COMPLETION OF THE PROJECT.

1. AGGREGATE BASE SHALL BE CLASS 2 (3/4 MINUS) AND SHALL CONFORM TO THE CALTRANS STANDARD SPECIFICATIONS. THE AGGREGATE BASE SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH CALTRANS SPECIFICATIONS.
2. ASPHALT CONCRETE SHALL CONFORM TO TYPE B, 1/2" MAXIMUM, MEDIUM GRADATION. THE MIX AND GRADATION USED SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER. THE ASPHALT CONCRETE SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH CALTRANS STANDARD SPECIFICATIONS.
3. STRIPING AND SIGNING SHALL CONFORM TO CALTRANS SPECIFICATIONS.

1. EXCAVATION AND BACKFILL OF STORM DRAINS, WILL BE CONSIDERED INCIDENTAL TO INSTALLATION OF THE STORM DRAIN. THEREFORE, NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK.
2. STORM DRAIN PIPE SHALL BE SMOOTH INTERIOR WALL, TYPE S CORRUGATED POLYETHYLENE PIPE. PIPE SHALL BE AS SPECIFIED IN AASHTO DESIGNATION : M 294 , MANUFACTURED FROM HIGH DENSITY POLYETHYLENE (HDPE) VIRGIN COMPOUNDS. THE CELL CLASSIFICATION SHALL BE 324420C PER ASTM D3350 OR HIGHER. THE PIPE SHALL BE ADS N-12 OR APPROVED EQUAL.
3. PIPE JOINTS SHALL BE WATER TIGHT. THE JOINT SHALL BE EITHER: INTEGRAL BELL COUPLERS WITH O-RING GASKET ON SPIGOT, ADS N-12 PRO LINK ULTRA W PIPE, OR BELL/BELL COUPLERS WITH O-RING GASKET, ADS PRO LINK WT OR APPROVED EQUAL. JOINTS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

1. WATER PIPE - PVC, C900, 150 PSI. - J-M "BLUE BRUTE" OR APPROVED EQUAL OR AS DIRECTED.

WATER	HAPPY CAMP COMMUNITY SERVICES DISTRICT (HCCSD)
SEWER	HAPPY CAMP SANITARY DISTRICT (HCSD)
POWER	PACIFICORP (PACIFIC POWER & LIGHT)
GAS	—
PHONE	VERIZON



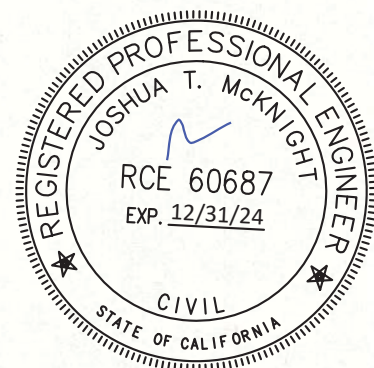
NO.	ITEM / DESCRIPTION	UNIT	PLAN QUANTITY TOTAL
001	MOBILIZATION / DEMOBILIZATION	LS	1
002	CLEARING AND GRUBBING	LS	1
003	HOT MIX ASPHALT CONCRETE (HMAC) 150#/CU. FT.	TON	329
004	CONCRETE CURB & GUTTER (ROLLED CURB)	L.F.	1,518
005	CONCRETE CURB & GUTTER (CALTRANS A2-6)	L.F.	67
006	CONCRETE SIDEWALK	S.F.	7,993
007	CONCRETE DRIVEWAYS (4" THICK CONC.)	S.F.	5,069
008			
009	CLASS 2 AGGREGATE BASE (BENEATH HMAC ROADWAY) 145#/ CU. FT.	TON	
010	CLASS 2 AGGREGATE BASE (BENEATH CONC. CURB & SIDEWALK)	TON	284
011	CLASS 2 AGGREGATE BASE (BENEATH CONC. DRIVEWAYS)	TON	143
012			
013	CONNECT NEW 6" C900 WATERLINE TO EXISTING 8" WATERLINE	L.S.	1
014	CONNECT NEW 6" WATERLINE TO EXISTING 4" WATERLINE	L.S.	1
015	6" C900 WATERLINE	L.F.	793
016	1" PE 3036 WATERLINE (LATERALS)	L.F.	—
017	WATER METERS	EA.	6
018	6" WATER VALVE	EA.	2
019	4" WATER VALVE	EA.	1
020	8" SDR26 SEWER LINE	L.F.	555
021	2" PVC SCH 80 PRESSURE SEWER LINE	L.F.	500
022	4" SDR26 SEWER LATERALS	EA.	9
023	STANDARD SANITARY SEWER MANHOLE	EA.	2
024	SANITARY SEWER LIFT DOSING TANK & (2)PUMPS	L.S.	1
025	SANITARY SEWER LIFT STATION CONTROL BUILDING	L.S.	1
026	SANITARY SEWER LIFT STATION 7.5KW BACKUP GENERATOR	EA.	1
027	150 GALLON PROPANE TANK ON CONC. PAD	EA.	1
028	CALTRANS G6 STORM DRAIN INLET	EA.	1
028	24" STORM DRAIN PIPE	L.F.	1
029	24" STORM DRAIN INFILTRATION SYSTEM	L.S.	1
030	ELECTRIC PULLBOX VAULT	EA.	1
031	ELECTRIC TRANSFORMER	EA.	1
032	COMMUNICATIONS	L.S.	1
033	SIGNING & STRIPING	L.S.	1
034	6' HIGH WOOD FENCE	L.F.	1,920
035	4' WIDE MAN GATES IN WOOD FENCE	EA.	12
036	EROSION CONTROL	L.S.	1

SITE	EXCAVATION YD ³	EMBANKMENT YD ³
SKYLINE COURT	1,343	659
LOTS 3 THRU 9	270	530
SUBTOTALS		1,189
SHRINKAGE ASSUMED AT 25%		297
Totals	1,613	1,486

The quantities for earthwork are calculated by Existing & Subgrade Surface Comparison. No allowance has been made for strippings, keying and benching and storm drain installation. These quantities do not include overexcavation. These quantities are believed to be accurate but no assurance is made therefore. The Contractor shall be responsible for familiarizing himself as to the type, nature and quantities of materials to be excavated.

EARTHWORK NOTE: ON TRIBE & ENGINEER'S APPROVAL BORROW MATERIAL SHALL TO BE TAKEN FROM LOT #1, #2, & LOT # 10 FOR FILL MATERIAL AT LOTS 3 THRU 6.

SURVEY CONTROL				
POINT NO	NORTHING	EASTING	ELEVATION	DESCRIPTION
50	2539371.7720	6187109.7650	1122.2900	12IN SPIKE
51	2539590.8000	6186869.8490	1129.0400	60DNAIL
52	2539740.3940	6186825.6580	1128.3300	3/4IN PIPE



TOPOGRAPHY SURVEY BY TRINITY VALLEY CONSULTING ENGINEERS, INC.

REVISIONS



PLAN BY:

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SKYLINE DEVELOPMENT

NOTES, QUANTITIES & TYPICAL SECTIONS

DESIGN BY: TVCE

DRAWN BY: SG

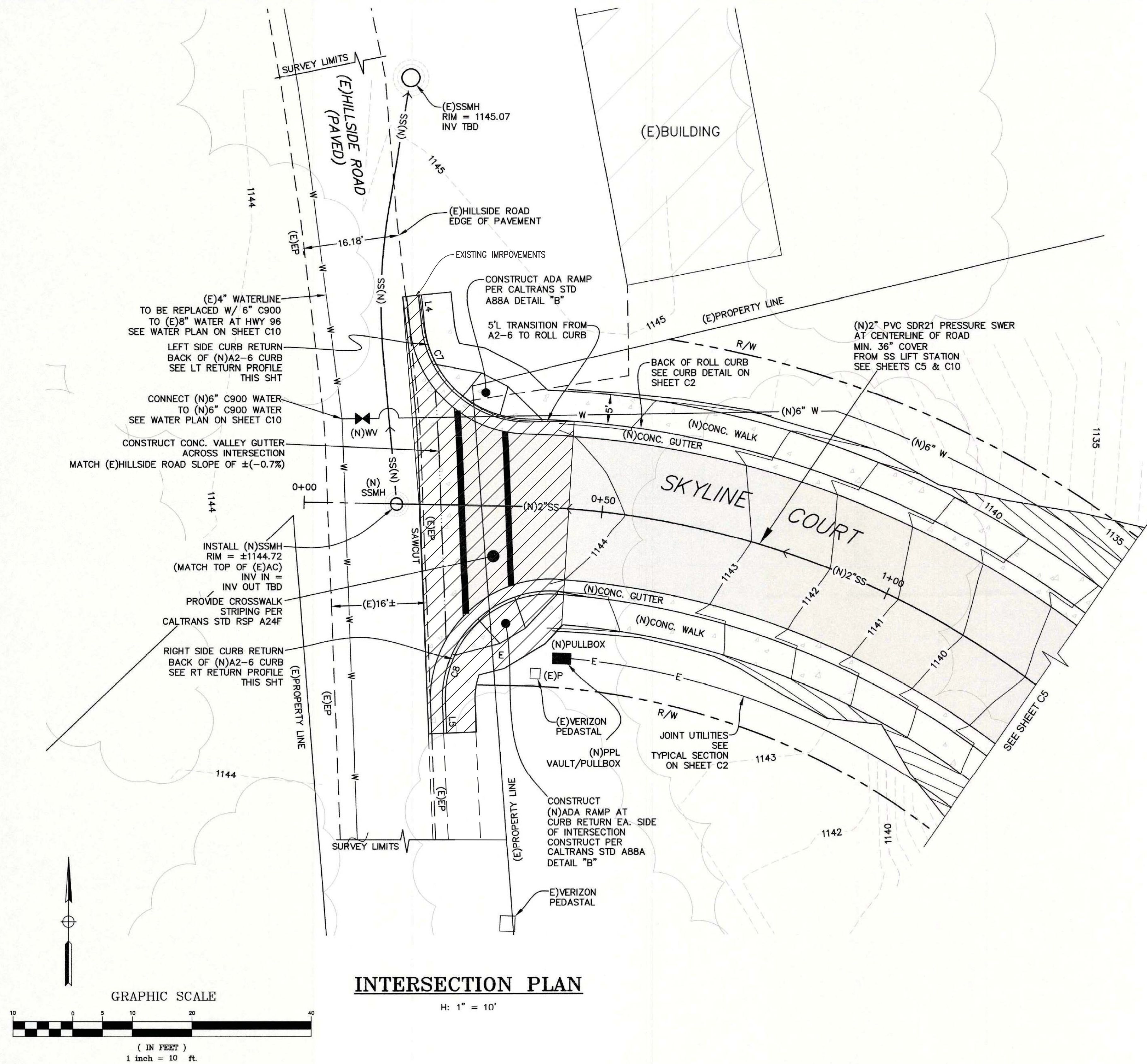
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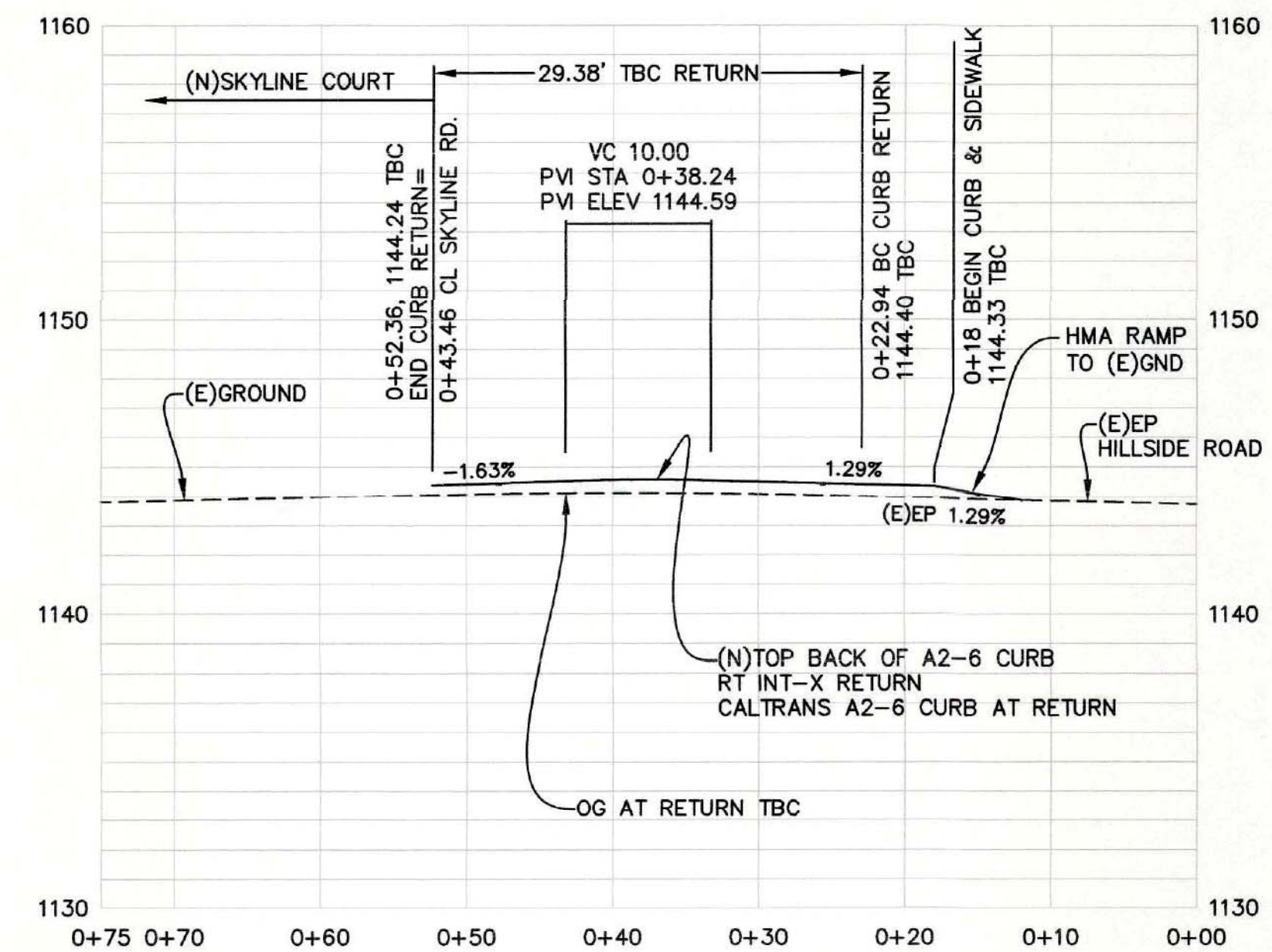
PROJECT NO: 1608

C2



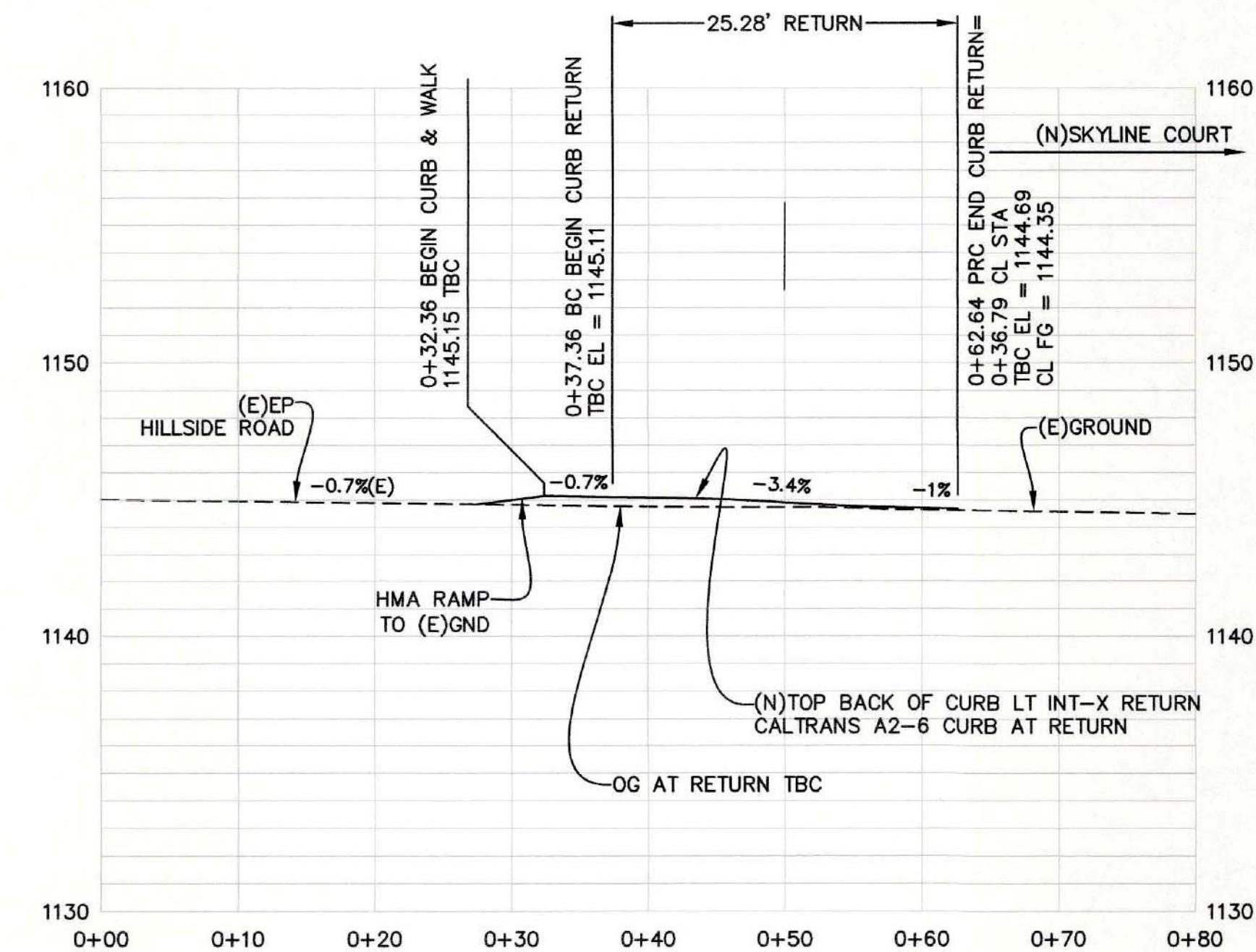
INTERSECTION PLAN

H: 1" = 10'



INTERSECTION RIGHT SIDE CURB RETURN PROFILE

H: 1" = 10'
V: 1" = 5'



INTERSECTION LEFT SIDE CURB RETURN PROFILE

H: 1" = 10'
V: 1" = 5'

Line Table: SKYLINE COURT CURB RETURNS				
Line #	Length	Direction	Start Point (N, E)	End Point (N, E)
L4	5.000	S05° 43' 40.68"E	(2539932.42, 6186625.96)	(2539927.45, 6186626.46)
L5	5.000	N02° 11' 23.71"W	(2539859.30, 6186630.17)	(2539864.30, 6186629.98)

Curve Table: SKYLINE COURT INTERSECTION CURB RETURNS					
Curve #	Radius	Length	Chord Direction	Start Point (N, E)	End Point (N, E)
C7	17.500	25.288	S47° 07' 28.32"E	(2539927.45, 6186626.46)	(2539911.70, 6186643.42)
C8	17.500	29.388	N45° 55' 08.66"E	(2539864.30, 6186629.98)	(2539882.42, 6186648.70)

INTERSECTION LEFT & RIGHT SIDE CURB RETURN LINE & CURVE TABLES

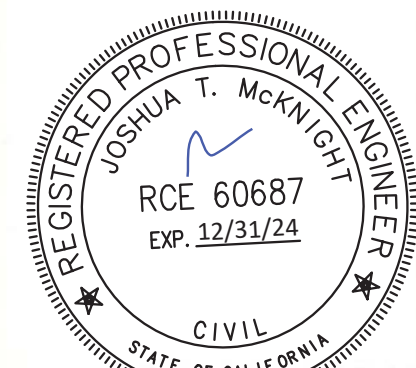
REVISIONS



SKYLINE DEVELOPMENT

INTERSECTION DETAIL
HILLSIDE ROAD &
SKYLINE COURT

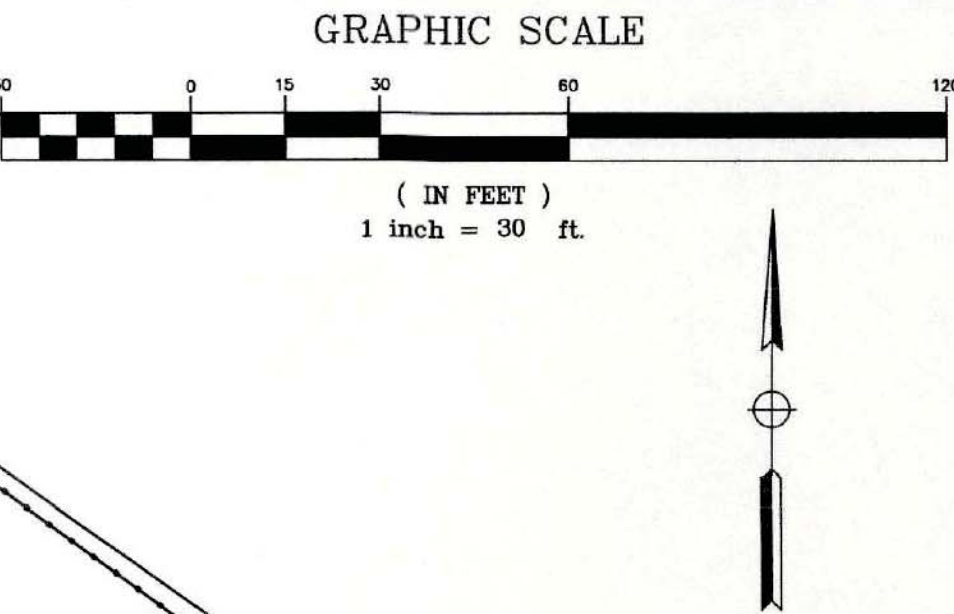
DESIGN BY: TVCE
DRAWN BY: SG
CHECKED BY: FM
DATE: 06/21/2023
SCALE: 1" = 10'
PROJECT NO: 1608



C6

Curve Table: SKYLINE COURT CUL-DE-SAC TOP BACK OF CURB					
Curve #	Radius	Length	Chord Direction	Start Point (N, E)	End Point (N, E)
C4	17.500	17.645	S05° 28' 29.55"E	(2539441.82, 6187035.88)	(2539424.99, 6187037.49)
C5	42.500	219.220	N55° 38' 26.15"E	(2539424.99, 6187037.49)	(2539450.57, 6187074.91)
C6	17.500	17.645	N63° 14' 38.13"W	(2539450.57, 6187074.91)	(2539458.18, 6187059.82)

CURVE DATA
SKYLINE ROAD CUL-DE-SAC TOP BACK OF CURB



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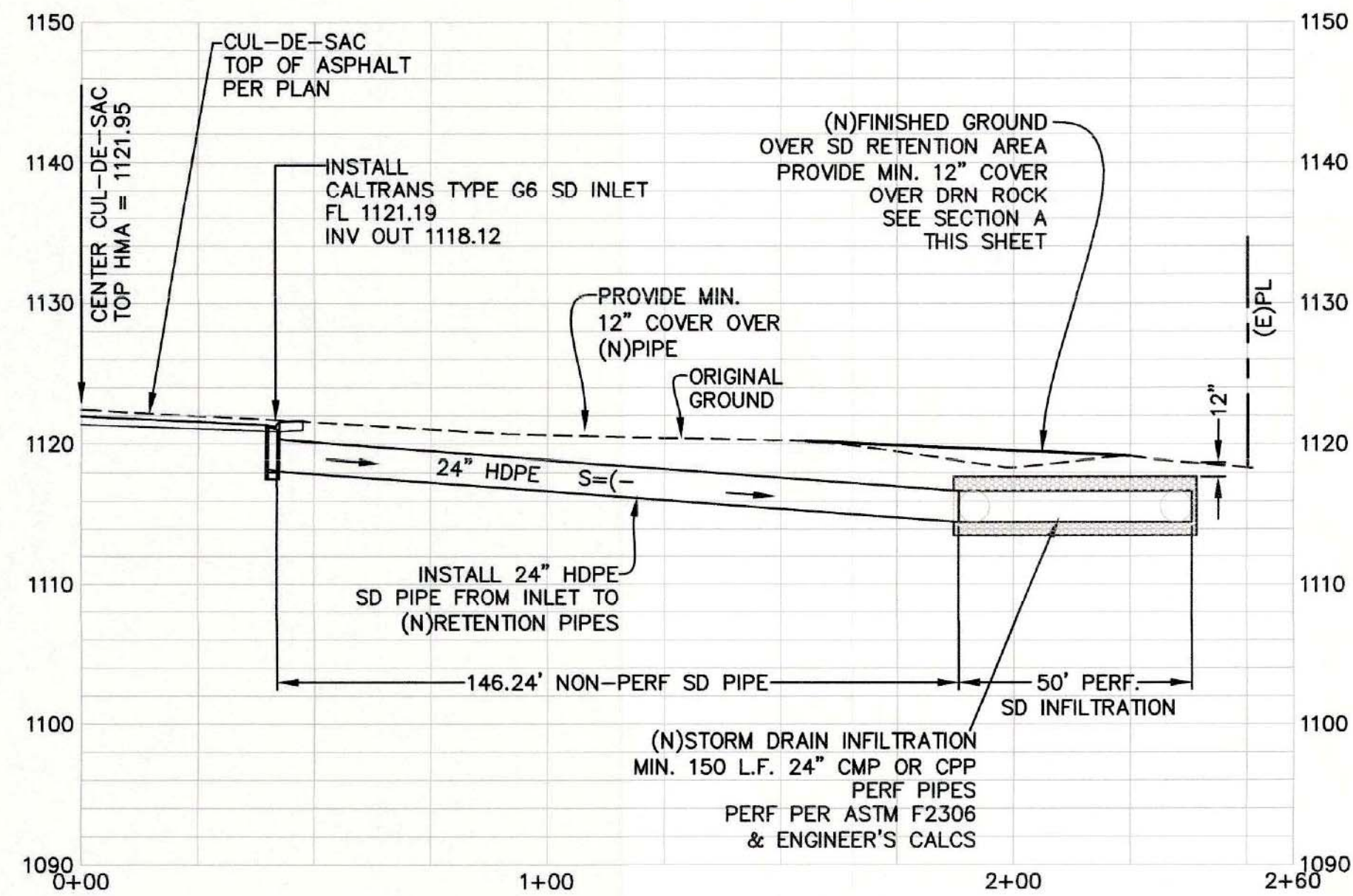


SKYLINE DEVELOPMENT

SKYLINE COURT
CUL-DE-SAC DETAIL &
STORM DRAIN PROFILE

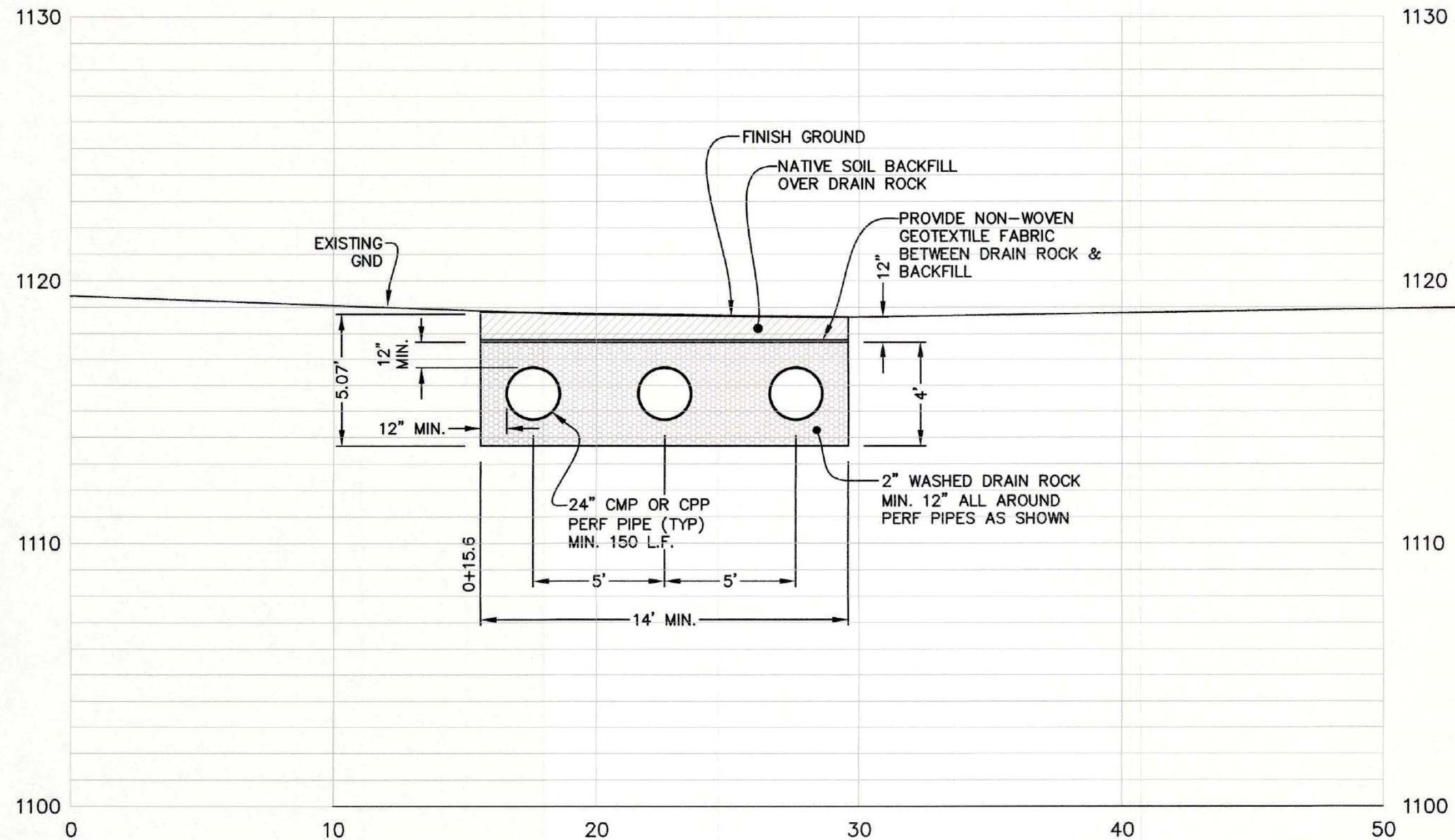
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DRAWN BY: SG
CHECKED BY: FM
DATE: 06/21/2023
SCALE: AS SHOWN
PROJECT NO: 1608

C7



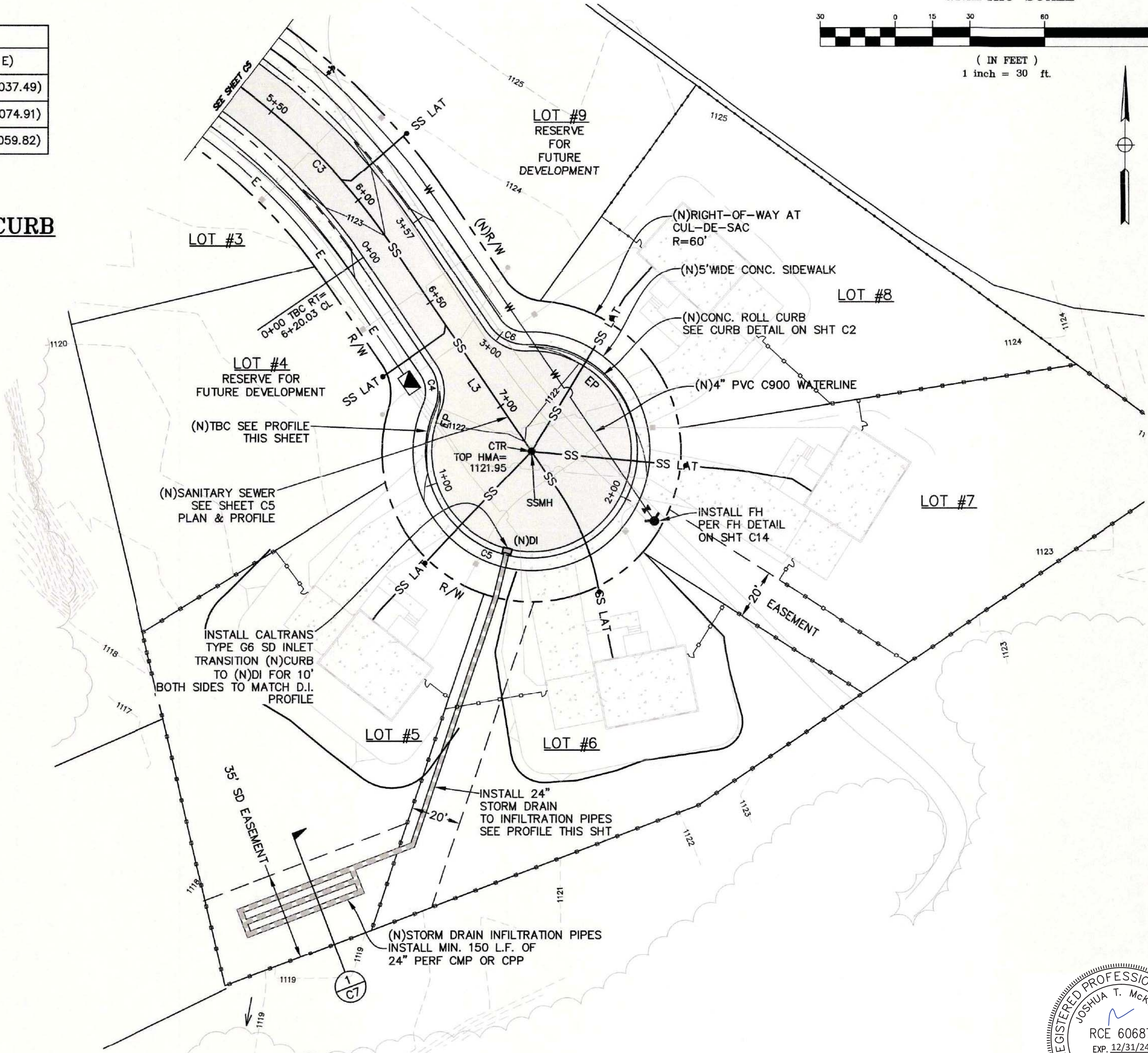
STORM DRAIN PROFILE

H: 1" = 30'
V: 1" = 10'



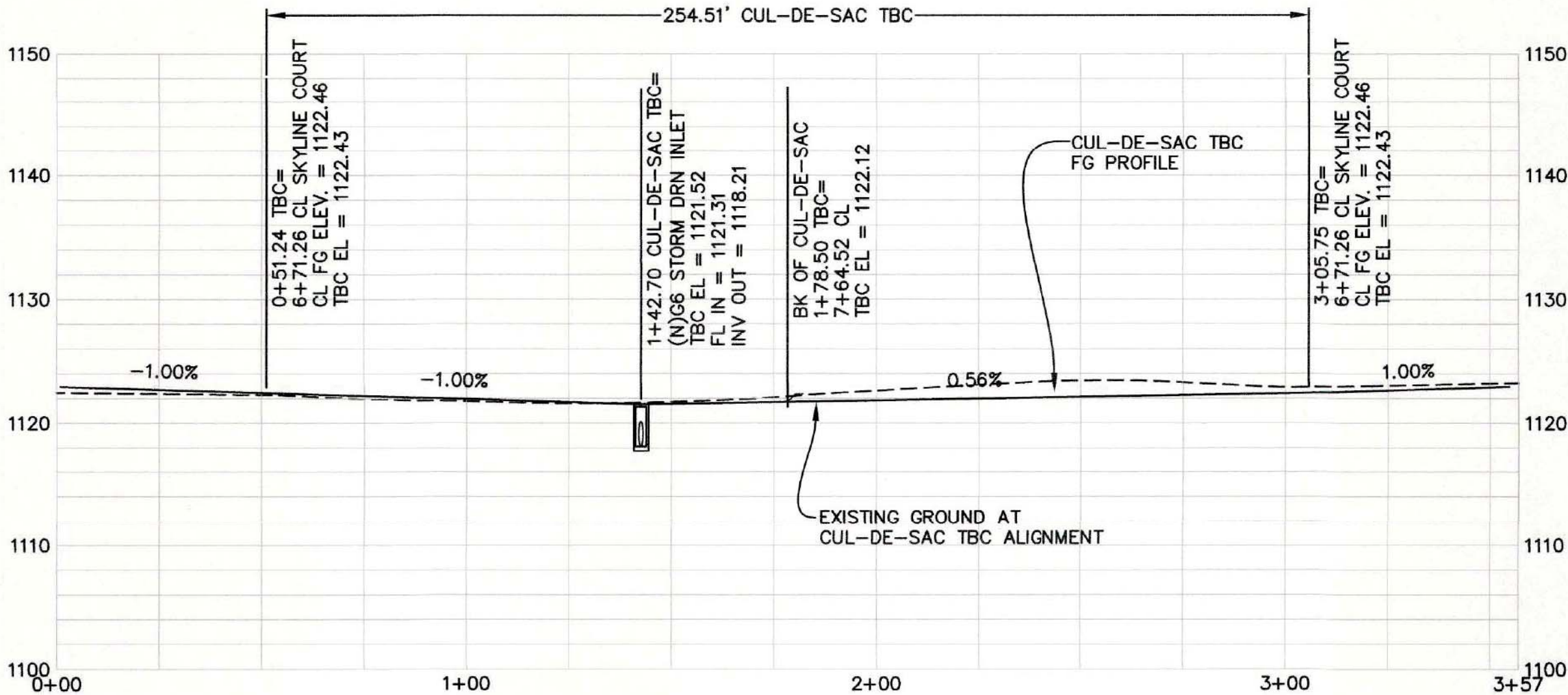
STORM DRAIN INFILTRATION SECTION 1

H: 1" = 4'
V: 1" = 4'



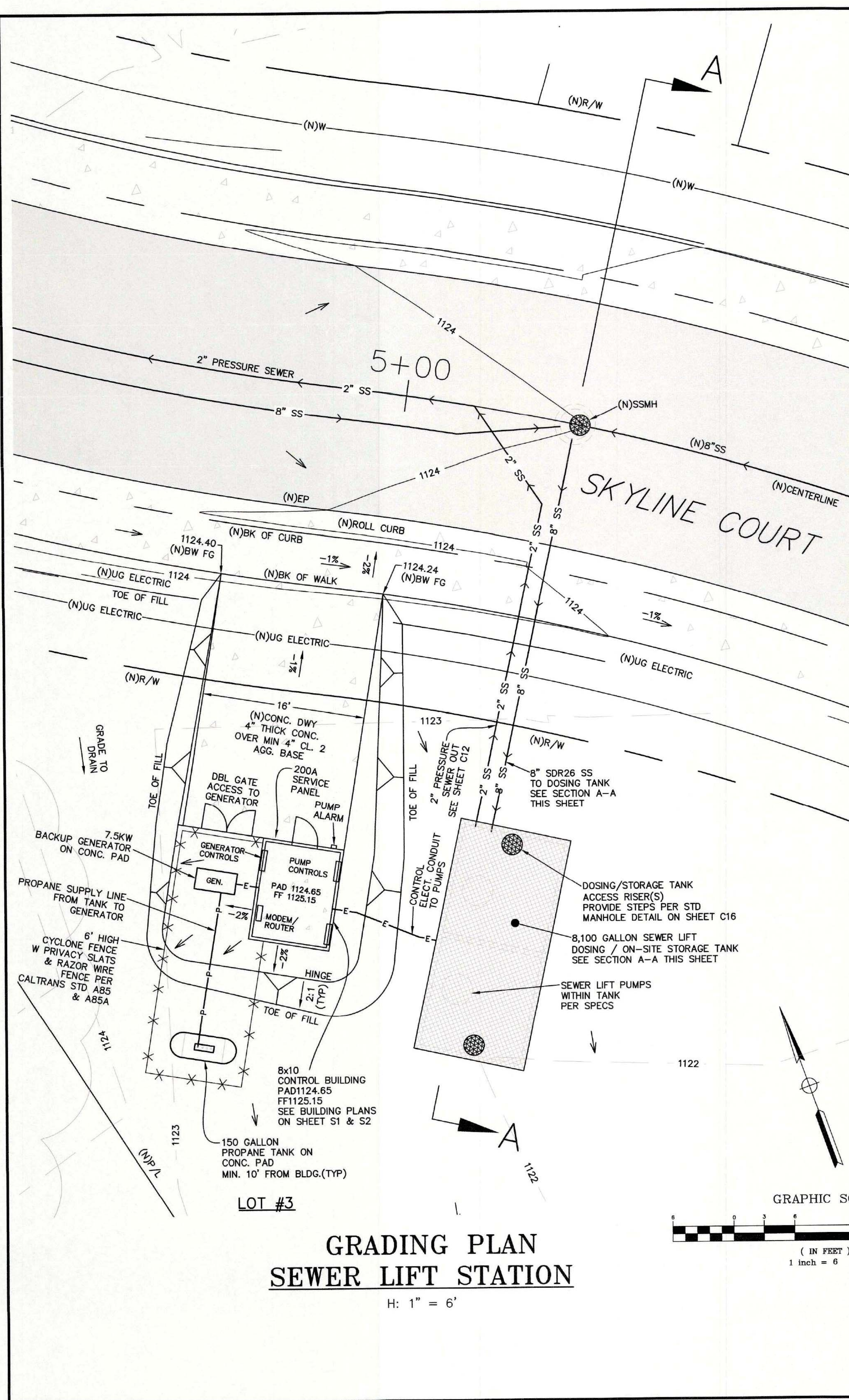
SKYLINE COURT CUL-DE-SAC PLAN

H: 1" = 30'

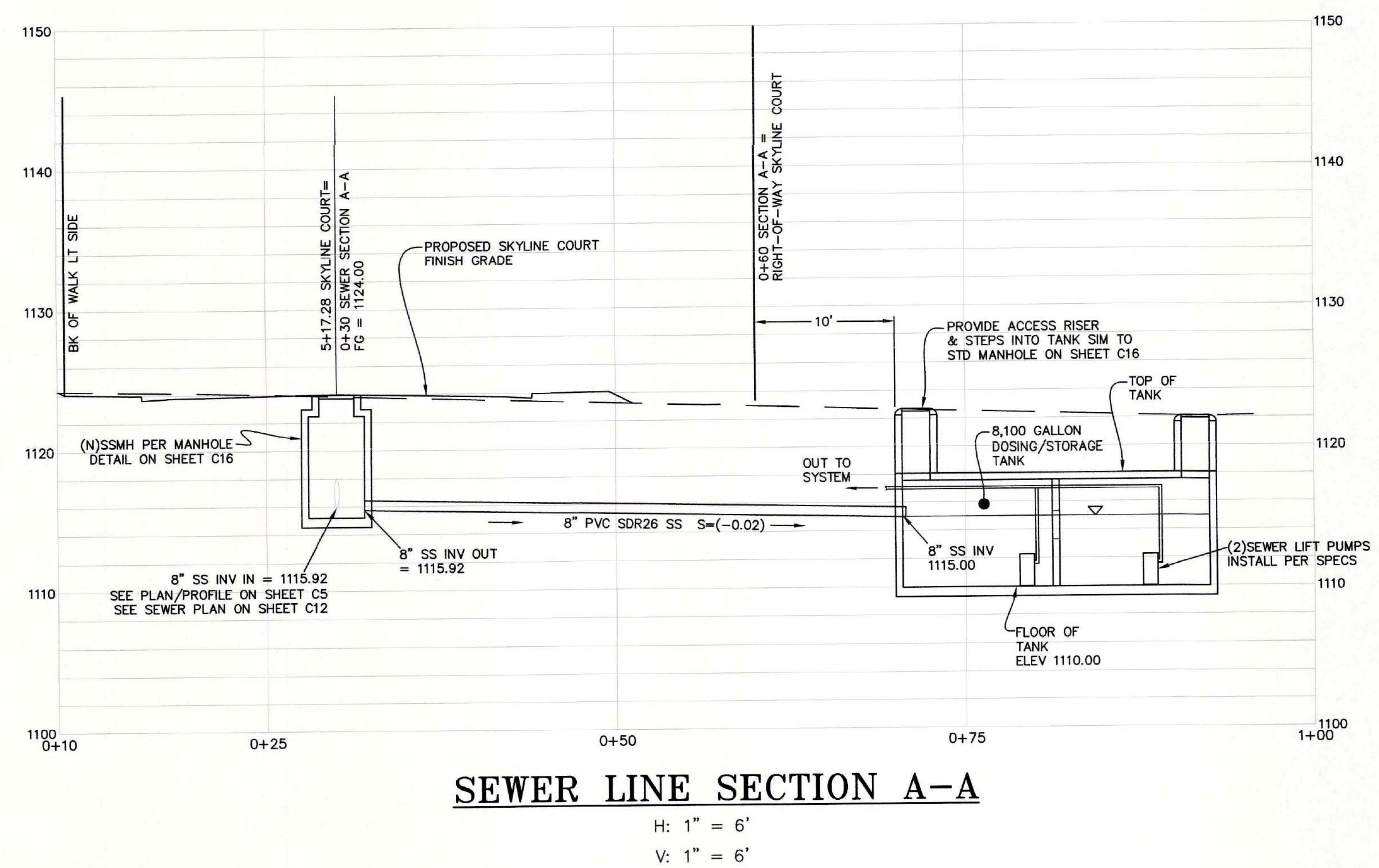


SKYLINE COURT CUL-DE-SAC TOP BACK OF CURB PROFILE

H: 1" = 30'
V: 1" = 10'

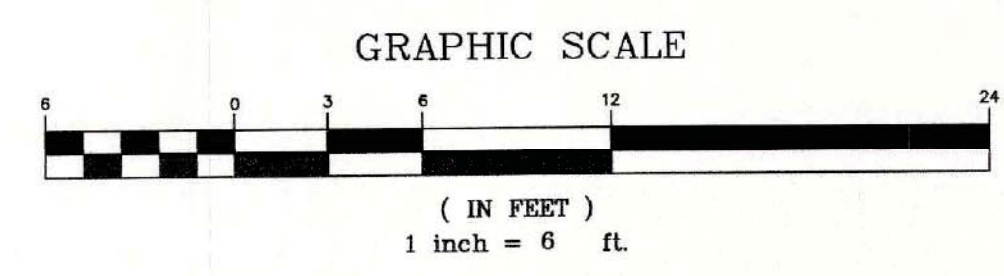


**GRADING PLAN
SEWER LIFT STATION**
H: 1" = 6'



SEWER LINE SECTION A-A
H: 1" = 6'
V: 1" = 6'

LIFT PUMP SPECIFICATIONS
GOULDS HSU SUBMERSIBLE (OR EQUAL TO)
- 1300 GPM
- 90 FT. HEAD



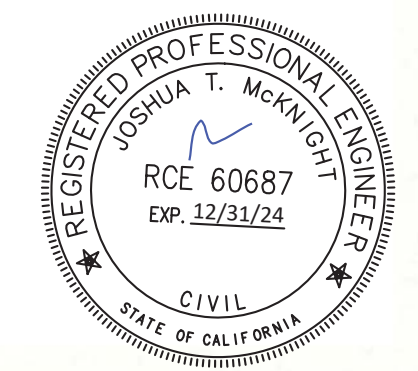
REVISIONS

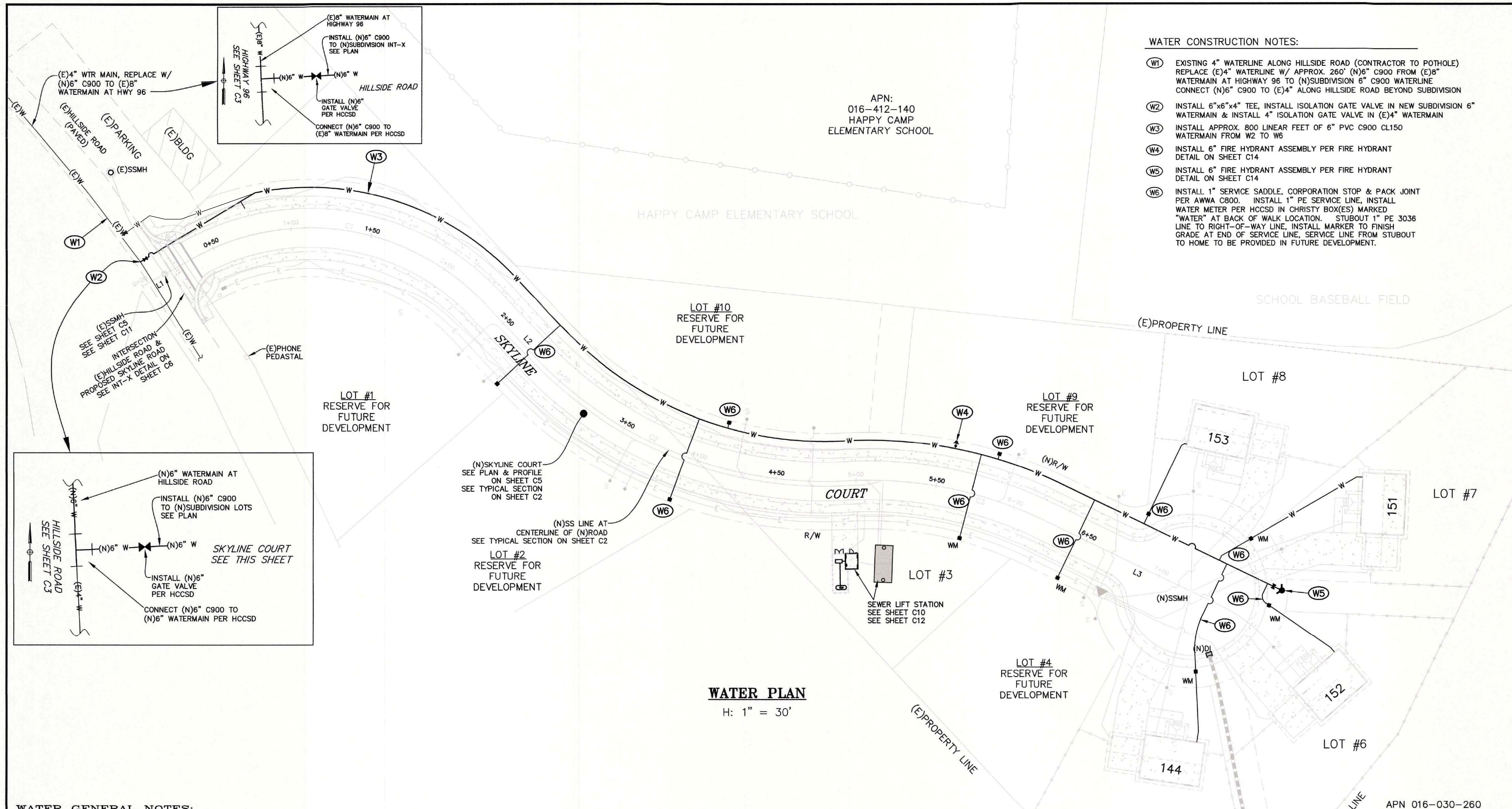
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SKYLINE DEVELOPMENT

**GRADING PLAN
SEWER LIFT STATION**

DESIGN BY: TVCE
DRAWN BY: SG
CHECKED BY: FM
DATE: 06/21/2023
SCALE: H: 1" = 20'
PROJECT NO: 1608
C10





WATER CONSTRUCTION NOTES:

- (W1) EXISTING 4" WATERLINE ALONG HILLSIDE ROAD (CONTRACTOR TO POTHOLE) REPLACE (E)4" WATERLINE W/ APPROX. 260' (N)6" C900 FROM (E)8" WATERMAIN AT HIGHWAY 96 TO (N)SUBDIVISION 6" C900 WATERLINE CONNECT (N)6" C900 TO (E)4" ALONG HILLSIDE ROAD BEYOND SUBDIVISION
- (W2) INSTALL 6"x6"x4" TEE, INSTALL ISOLATION GATE VALVE IN NEW SUBDIVISION 6" WATERMAIN & INSTALL 4" ISOLATION GATE VALVE IN (E)4" WATERMAIN
- (W3) INSTALL APPROX. 800 LINEAR FEET OF 6" PVC C900 CL150 WATERMAIN FROM W2 TO W6
- (W4) INSTALL 6" FIRE HYDRANT ASSEMBLY PER FIRE HYDRANT DETAIL ON SHEET C14
- (W5) INSTALL 6" FIRE HYDRANT ASSEMBLY PER FIRE HYDRANT DETAIL ON SHEET C14
- (W6) INSTALL 1" SERVICE SADDLE, CORPORATION STOP & PACK JOINT PER AWWA C800. INSTALL 1" PE SERVICE LINE, INSTALL WATER METER PER HCCSD IN CHRISTY BOX(ES) MARKED "WATER" AT BACK OF WALK LOCATION. STUBOUT 1" PE 3036 LINE TO RIGHT-OF-WAY LINE, INSTALL MARKER TO FINISH GRADE AT END OF SERVICE LINE, SERVICE LINE FROM STUBOUT TO HOME TO BE PROVIDED IN FUTURE DEVELOPMENT.

REVISIONS

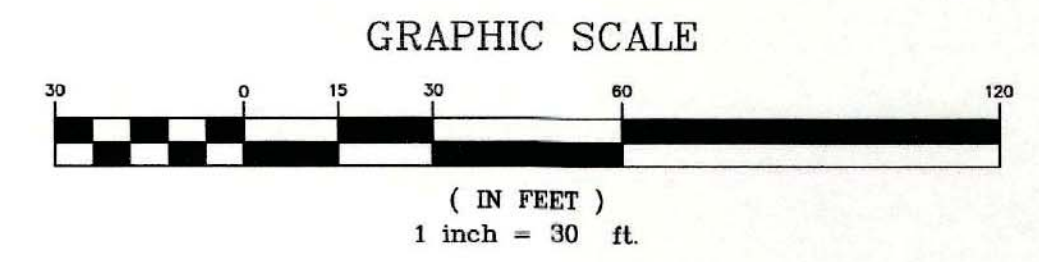
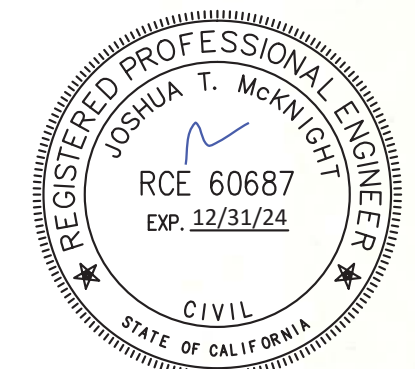
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SKYLINE DEVELOPMENT

WATER PLAN

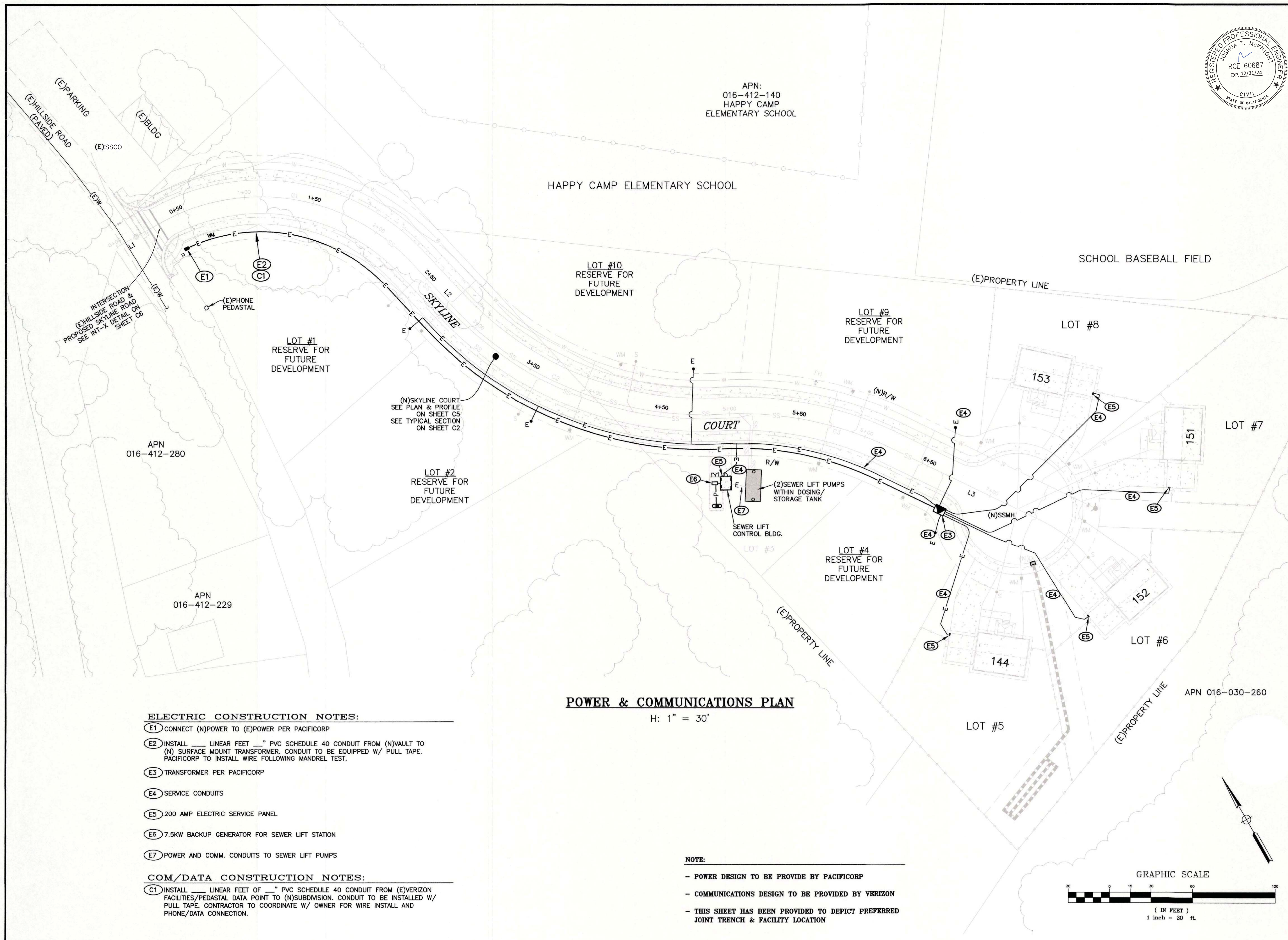
WATER GENERAL NOTES:

- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF AWWA STANDARDS UNLESS OTHERWISE SHOWN OR DESCRIBED ON THESE PLANS.
- THE CONTRACTOR SHALL NOTIFY THE HCCSD FIVE (5) WORKING DAYS IN ADVANCE OF BEGINNING WORK.
- PLANS SHALL BE RESUBMITTED FOR APPROVAL IF CONSTRUCTION OF WATER FACILITIES HAS NOT BEGUN WITHIN ONE (1) YEAR FOLLOWING THE APPROVAL DATE OF THESE IMPROVEMENT PLANS.
- ALL WORK SHALL BE INSPECTED BY THE HCCSD PRIOR TO BACKFILLING.
- THE CONTRACTOR SHALL NOTIFY THE HCCSD IN CASE OF AN EMERGENCY.
- THE CONTRACTOR SHALL NOTIFY THE HCCSD FIVE (5) DAYS PRIOR TO SCHEDULED CONNECTION TO THE EXISTING WATER SYSTEM SO THE INSPECTOR CAN ARRANGE FOR CLOSURE OF VALVES AND CUSTOMER NOTIFICATION OF SHUT DOWN. THE HCCSD WILL ARRANGE FOR CLOSURE OF VALVES, CUSTOMER NOTIFICATIONS OF SHUTDOWN, AND CONNECTION TO THE WATER SYSTEM. THE CONTRACTOR IS PROHIBITED FROM OPERATING ANY VALVES WITHOUT EXPRESS WRITTEN PERMISSION FROM THE HCCSD.
- THE CONTRACTOR SHALL DISINFECT AND FLUSH THE NEW WATER SYSTEM PRIOR TO CONNECTING TO THE EXISTING WATER SYSTEM PER AWWA 605.
- SERVICE CONNECTIONS TO AN EXISTING WATER MAIN, OR TO AN EXTENSION OF AN EXISTING WATER MAIN, SHALL BE MADE BY THE HCCSD ONLY.
- VALVES THREE INCHES (3") AND LARGER PLACED AT TEES, CROSSES, ELBOWS, AND REDUCERS SHALL BE FLANGED AND BOLTED TO THE FITTINGS.
- PIPE JOINTS WILL NOT BE ALLOWED WITHIN SIX FEET (6') OF A VALVE, FITTING OR HYDRANT. DEFLECTION OF PIPE WILL NOT BE ALLOWED WITHIN TEN FEET (10') OF ANY FITTING OR VALVE.
- STANDARD PIPE LENGTHS (MINIMUM EIGHTEEN (18) TO TWENTY (20) FEET) SHALL BE USED FOR ALL HORIZONTAL AND VERTICAL DEFLECTIONS.
- THE PRESSURE REGULATING VALVE (PRV) IF APPLICABLE AND PRIMARY BACKFLOW PREVENTER SHALL BE LOCATED WITHIN FIVE (5) FEET OF THE WATER METER.
- ALL ELBOWS, TEES, CROSSES, REDUCERS, BLOW-OFFS, DEAD ENDS, AND VALVES SHALL BE RESTRAINED TO PREVENT MOVEMENT WHEN PRESSURIZED. RESTRAINTS SHALL BE INSTALLED WHETHER SHOWN ON PLANS AND DETAILS OR NOT. VALVES SHALL BE TREATED AS BI-DIRECTIONAL DEAD-ENDS WHEN DETERMINING REQUIRED RESTRAINED LENGTHS. THE TYPE OF RESTRAINT SHALL BE THRUST BLOCKS OR JOINT RESTRAINING DEVICES, AS HEREINAFTER SPECIFIED. JOINT RESTRAINING DEVICES SHALL BE USED AT ALL OTHER LOCATIONS, WHERE UTILITY CONFLICTS DO NOT LEAVE ROOM FOR THRUST BLOCKS, OR WHERE SPECIFIED. JOINT RESTRAINING DEVICES SHALL BE INSTALLED IN ALL PUSH ON AND MECHANICAL JOINTS WITHIN THE SPECIFIED "RESTRAINED LENGTH". THE "RESTRAINED LENGTH" SHALL COMPLY WITH NOTES ON THE PLANS, OR STANDARD DRAWINGS, WHICHEVER IS LONGER. IN THE EVENT THAT NO "RESTRAINED LENGTH" IS SPECIFIED, THE CONTRACTOR SHALL OBTAIN THE REQUIRED "RESTRAINED LENGTH" FROM THE ENGINEER.
- JOINT RESTRAINING DEVICES FOR MECHANICAL JOINTS SHALL BE EBBA MEGALUG 1100, OR STAR PIPE PRODUCTS' STARGRIP 3000 FOR DUCTILE IRON PIPE; AND EBBA MEGALUG 2000PV, OR STAR PIPE PRODUCTS' ALLGRIP 3600, FOR PVC PIPE; OR APPROVED EQUAL BY THE ENGINEER. ONLY DUCTILE IRON PIPE SHALL BE USED WHEN RESTRAINING PUSH-ON JOINTS. PUSH-ON RESTRAINTS SHALL BE US PIPE FIELD LOK GASKETS, OR US PIPE TR FLEX PIPE, OR APPROVED EQUAL BY THE ENGINEER. OUTSIDE THE BELL, RESTRAINING DEVICES AND RESTRAINED PVC PUSH-ON JOINTS WILL NOT BE ALLOWED. THE PIPE LENGTH FROM THE RESTRAINED FITTING OR VALVE SHALL BE A MINIMUM OF 18'-FEET, UNLESS OTHERWISE SPECIFIED.
- TWO (2) SETS OF "AS-BUILT" PLANS SHALL BE SUBMITTED TO THE HCCSD, PRIOR TO ACCEPTANCE OF THE WATER SYSTEM BY THE HCCSD. THE PLAN SET SHALL BE STAMPED "RECORD DRAWING" OR "AS-BUILT".
- ALL RUNS OF NON-METALLIC WATER PIPE, INCLUDING SERVICES, SHALL HAVE A NO. 12 GAUGE SOLID SOFT DRAWN COPPER WIRE LAID ALONG THE PIPE TO FACILITATE LOCATING THE PIPE AT A LATER DATE. THE WIRE SHALL BE STUBBED UP INSIDE EACH VALVE BOX. A CONTINUITY TEST SHALL BE CONDUCTED ON EACH SPLICE AT ALL LOCATIONS.
- PLASTIC PIPING APPROVED FOR UNDERGROUND INSTALLATIONS SHALL BE PVC, C900, CLASS 150 OR GREATER, AND BE LISTED FOR SUCH USE.
- ALL PIPING SHALL BE LAID IN A FOUR INCH (4") BED OF SAND OR NATURAL GRAVEL NOT OVER ONE INCH IN DIAMETER AND HAVE A SIX INCH (6") FILL OF SAND OR NATURAL GRAVEL NOT OVER ONE INCH IN DIAMETER.
- ALL FASTENERS (NUTS, BOLTS, ETC.) SHALL BE CLEANED AND COATED WITH A BITUMINOUS CORROSION RETARDING MATERIAL AFTER INSTALLATION AND PRIOR TO INSPECTION. FITTINGS OR FASTENERS SHALL NOT BE WRAPPED OR COVERED WITH PLASTIC OR COVERED WITH CONCRETE.
- CONCRETE THRUST BLOCKS OR OTHER APPROVED RETAINING, SHALL BE INSTALLED AT ALL LOCATIONS WHERE PIPING CHANGES DIRECTION.
- A HYDROSTATIC PRESSURE TEST SHALL BE PERFORMED ON ALL INSTALLED PIPING AND APPURTENANCES FOR A PERIOD OF TWO HOURS. THE PIPING SHALL BE CENTER-LOADED DURING PRESSURE TESTING WITH ALL JOINTS, FITTINGS AND APPURTENANCES UNCOVERED. FAILURE TO COMPLY WITH THIS SECTION WILL RESULT IN THE UNCOVERING OF THE PIPING FOR VISUAL INSPECTION.



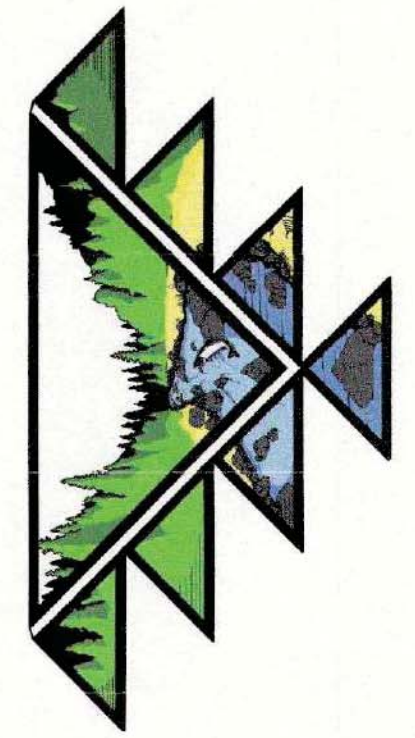
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SKYLINE DEVELOPMENT

POWER & COMMUNICATIONS
CONCEPT PLAN

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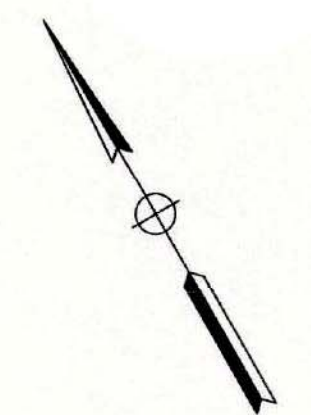
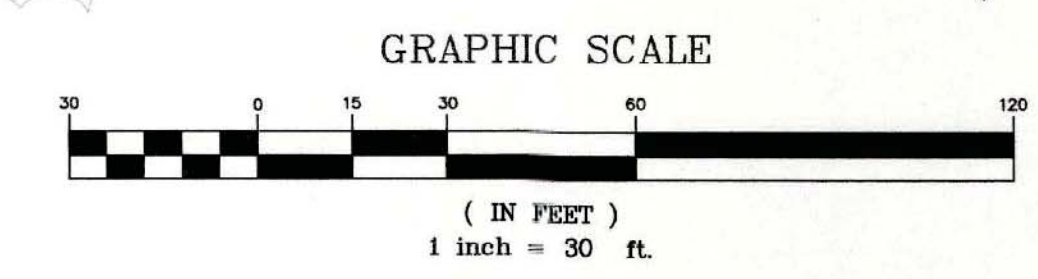
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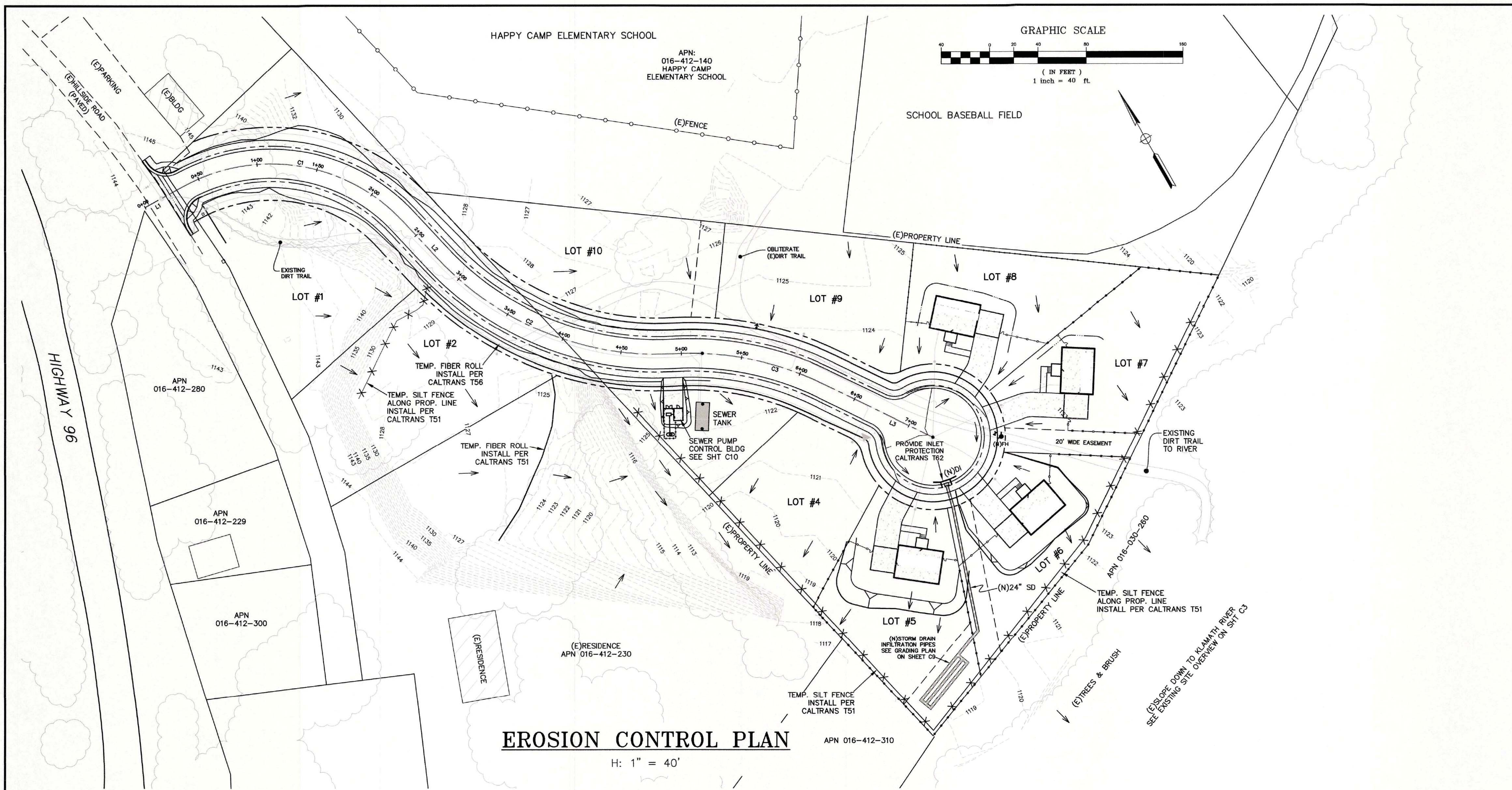
- ELECTRIC CONSTRUCTION NOTES:**
- (E1) CONNECT (N)POWER TO (E)POWER PER PACIFICORP
 - (E2) INSTALL _____ LINEAR FEET _____" PVC SCHEDULE 40 CONDUIT FROM (N)VAULT TO (N) SURFACE MOUNT TRANSFORMER. CONDUIT TO BE EQUIPPED W/ PULL TAPE. PACIFICORP TO INSTALL WIRE FOLLOWING MANDREL TEST.
 - (E3) TRANSFORMER PER PACIFICORP
 - (E4) SERVICE CONDUITS
 - (E5) 200 AMP ELECTRIC SERVICE PANEL
 - (E6) 7.5KW BACKUP GENERATOR FOR SEWER LIFT STATION
 - (E7) POWER AND COMM. CONDUITS TO SEWER LIFT PUMPS

- COM/DATA CONSTRUCTION NOTES:**
- (C1) INSTALL _____ LINEAR FEET OF _____" PVC SCHEDULE 40 CONDUIT FROM (E)VERIZON FACILITIES/PEDASTAL DATA POINT TO (N)SUBDIVISION. CONDUIT TO BE INSTALLED W/ PULL TAPE. CONTRACTOR TO COORDINATE W/ OWNER FOR WIRE INSTALL AND PHONE/DATA CONNECTION.

POWER & COMMUNICATIONS PLAN
H: 1" = 30'

- NOTE:**
- POWER DESIGN TO BE PROVIDE BY PACIFICORP
 - COMMUNICATIONS DESIGN TO BE PROVIDED BY VERIZON
 - THIS SHEET HAS BEEN PROVIDED TO DEPICT PREFERRED JOINT TRENCH & FACILITY LOCATION





EROSION AND SEDIMENT CONTROL NOTES:

1. EROSION CONTROL BEST MANAGEMENT PRACTICES (BMP'S) SHALL BE INSTALLED AND MAINTAINED DURING THE WET SEASON (OCTOBER 1 THROUGH APRIL 30). SEDIMENT CONTROL BMP'S SHALL BE INSTALLED AND MAINTAINED ALL YEAR.
 2. ALL DRAINAGE INLETS IMMEDIATELY DOWNSTREAM OF THE WORK AREA AND WITHIN THE WORK AREA SHALL BE PROTECTED WITH SEDIMENT CONTROL AND INLET FILTER BAGS, WHERE APPLICABLE.
 3. STABILIZED CONSTRUCTION ACCESS LOCATIONS SHALL BE CONSTRUCTED WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES PAVED AREAS. THE STABILIZED ACCESS SHALL BE MAINTAINED ON A YEAR-ROUND BASIS UNTIL THE COMPLETION OF CONSTRUCTION.
 4. ALL AREAS DISTURBED DURING CONSTRUCTION, BY GRADING, TRENCHING, OR OTHER ACTIVITIES, SHALL BE PROTECTED FROM EROSION DURING THE WET SEASON (OCTOBER 1 THROUGH APRIL 30). HYDROSEED, IF UTILIZED, MUST BE PLACED BY SEPTEMBER 15. HYDROSEED PLACED DURING THE WET SEASON SHALL USE A SECONDARY EROSION PROTECTION METHOD.
 5. SENSITIVE AREAS AND AREAS WHERE EXISTING VEGETATION IS BEING PRESERVED SHALL BE PROTECTED WITH CONSTRUCTION FENCING. SEDIMENT CONTROL BMP'S SHALL BE INSTALLED WHERE ACTIVE CONSTRUCTION AREAS DRAIN INTO SENSITIVE OR PRESERVED VEGETATION AREAS.
 6. SEDIMENT CONTROL BMP'S SHALL BE PLACED ALONG THE PROJECT PERIMETER WHERE DRAINAGE LEAVES THE PROJECT. SEDIMENT CONTROL BMP'S SHALL BE MAINTAINED YEAR-ROUND UNTIL THE CONSTRUCTION IS COMPLETE OR THE DRAINAGE PATTERN HAS BEEN CHANGED AND NO LONGER LEAVES THE SITE.
 7. ALL SLOPES GREATER THAN 10:1 SHALL RECEIVE HYDROSEEDING OR OTHER EROSION CONTROL.
 8. ALL FENCING AND EROSION CONTROL METHODS SHALL BE MAINTAINED THROUGHOUT ALL ON-SITE CONSTRUCTION ACTIVITIES.
- ALL BMP'S SHALL BE INSTALLED AND FUNCTIONING PRIOR TO ANY ANTICIPATED STORM EVENT.

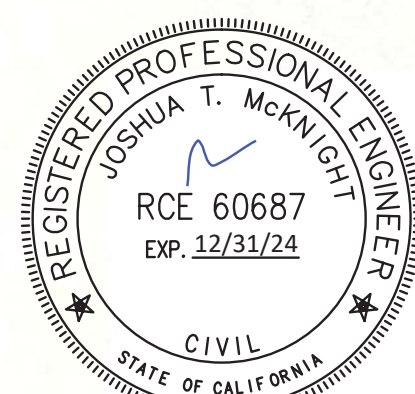
VEHICLE/EQUIPMENT WASH AREA NOTES:

1. ALL ONSITE CONCRETE WASHOUT, VEHICLE AND EQUIPMENT WASHING SHALL TAKE PLACE IN A DESIGNATED AND APPROVED AREA. THE AREA SHALL BE BERMED WITH EARTH DIKES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND MAINTAIN THIS AREA WEEKLY TO PREVENT WASH WATER CONTACT WITH STORM WATER, CREEKS, RIVERS, AND OTHER WATER BODIES.
2. IF THE CONCRETE WASHOUT AND VEHICLE/EQUIPMENT WASHING IS TO TAKE PLACE OFFSITE, THE LOCATION MUST BE CHOSEN BY THE CONTRACTOR AND APPROVED BY THE OWNER PRIOR TO CONSTRUCTION BEGINNING.
3. USE PHOSPHATE-FREE, BIODEGRADABLE SOAPS AND AS LITTLE WATER AS POSSIBLE.
4. EDUCATE EMPLOYEES AND SUBCONTRACTORS ON POLLUTION PREVENTION MEASURES.
5. NO STEAM-CLEANING IS PERMITTED ONSITE.

BMP MAINTENANCE NOTES:

1. ALL OF THE IMPLEMENTED BMP'S SHALL BE INSPECTED AND CORRECTED AS NEEDED PRIOR TO, DURING, AND DIRECTLY FOLLOWING ANY STORM EVENT, OR WHENEVER PRACTICAL.

LEGEND	
	FIBER ROLL
	SILT FENCE
	SURFACE FLOWLINE
	SURFACE FLOW DIRECTION



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EROSION CONTROL PLAN

DESIGN BY: TVCE

DRAWN BY: SG

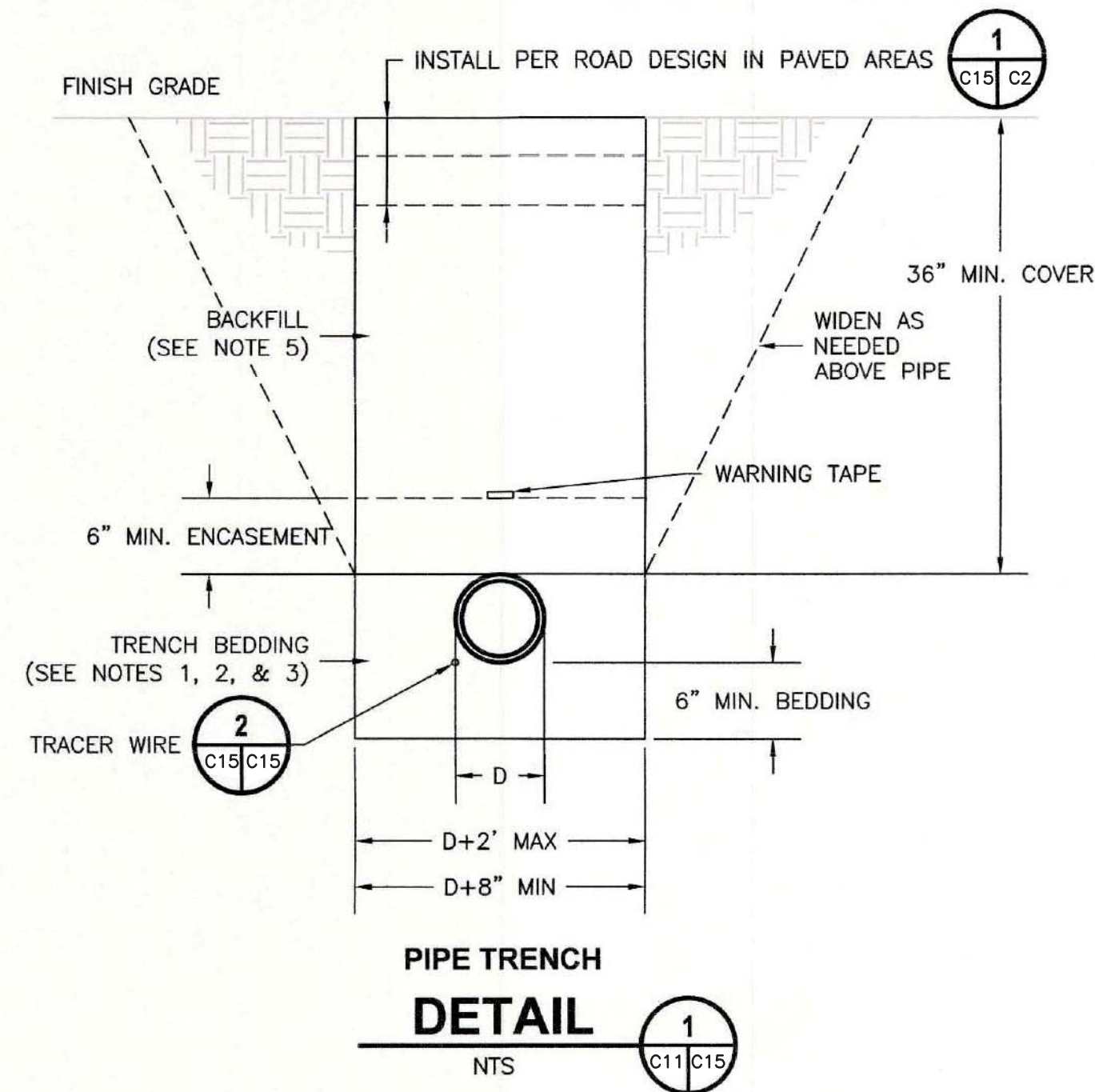
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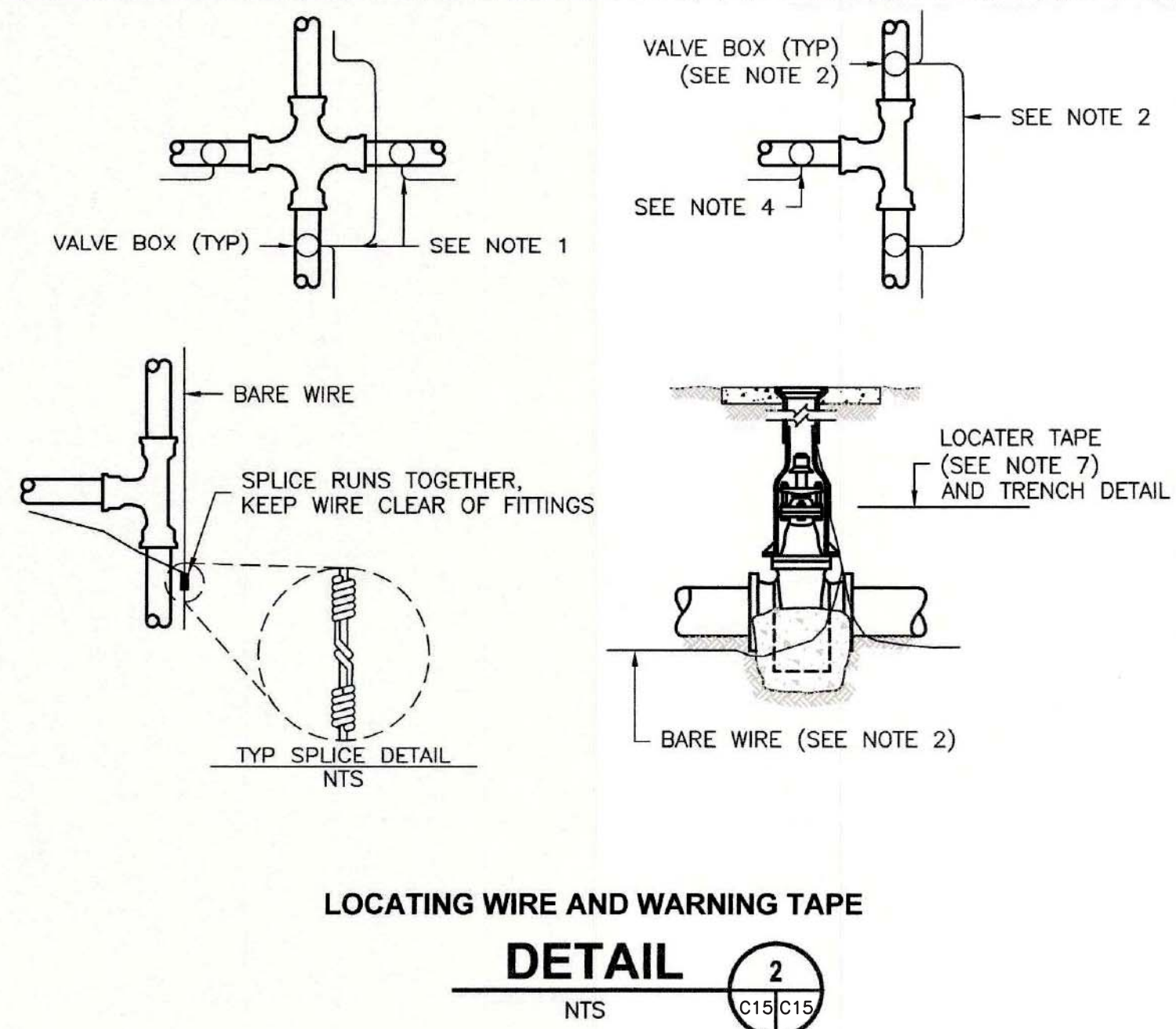
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PROJECT NO: 1608

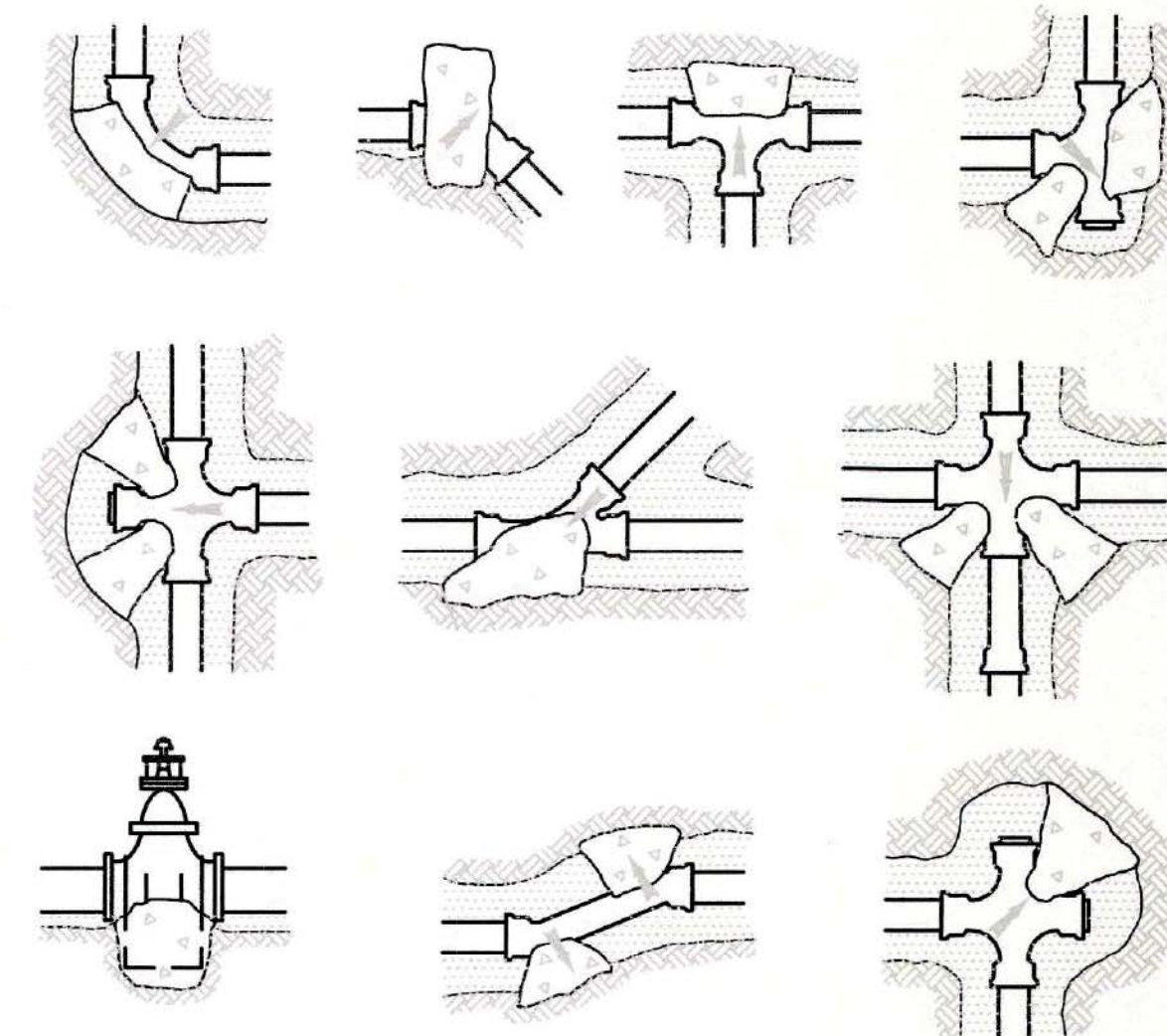
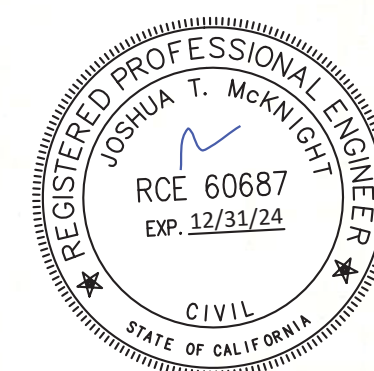
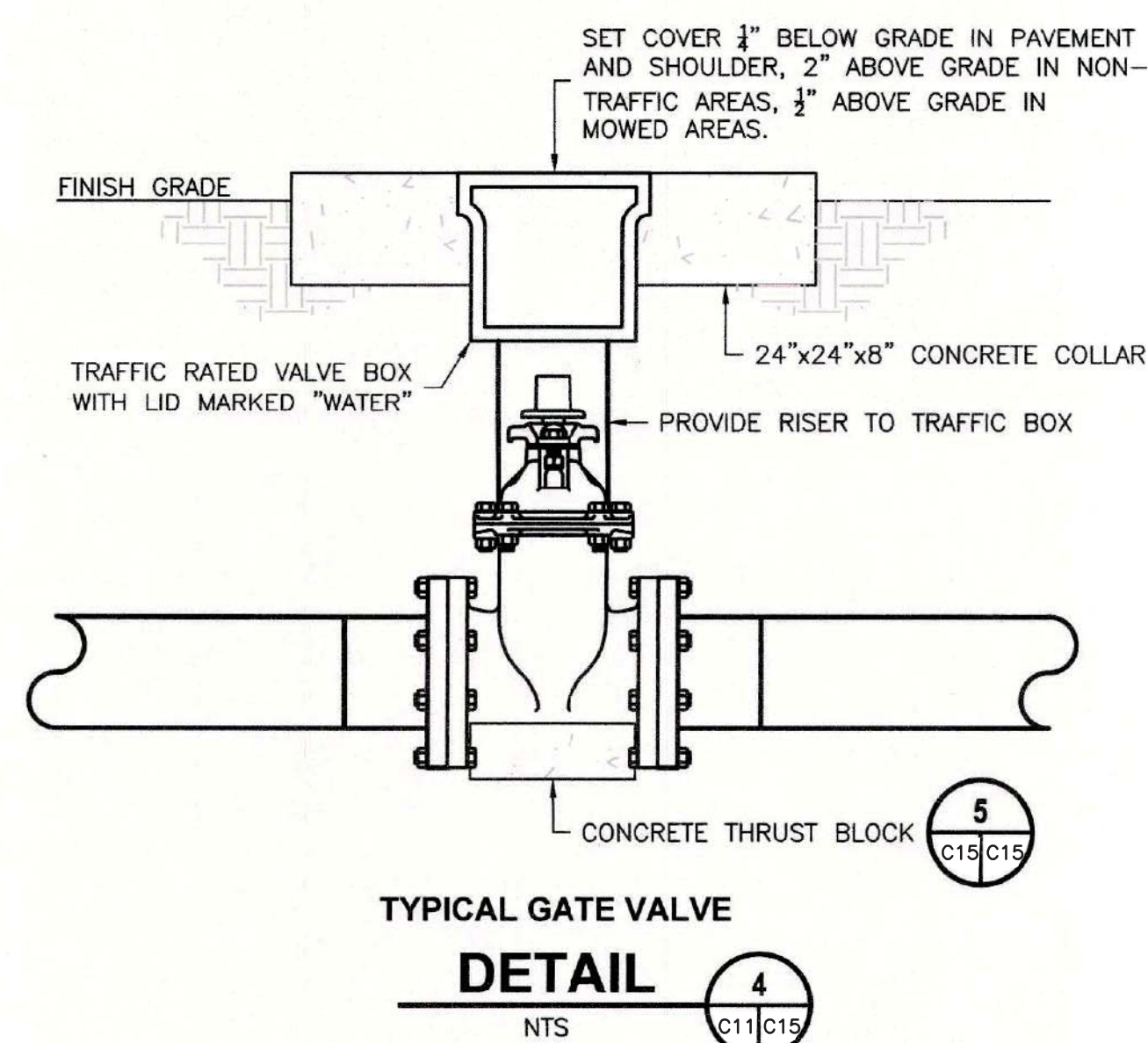
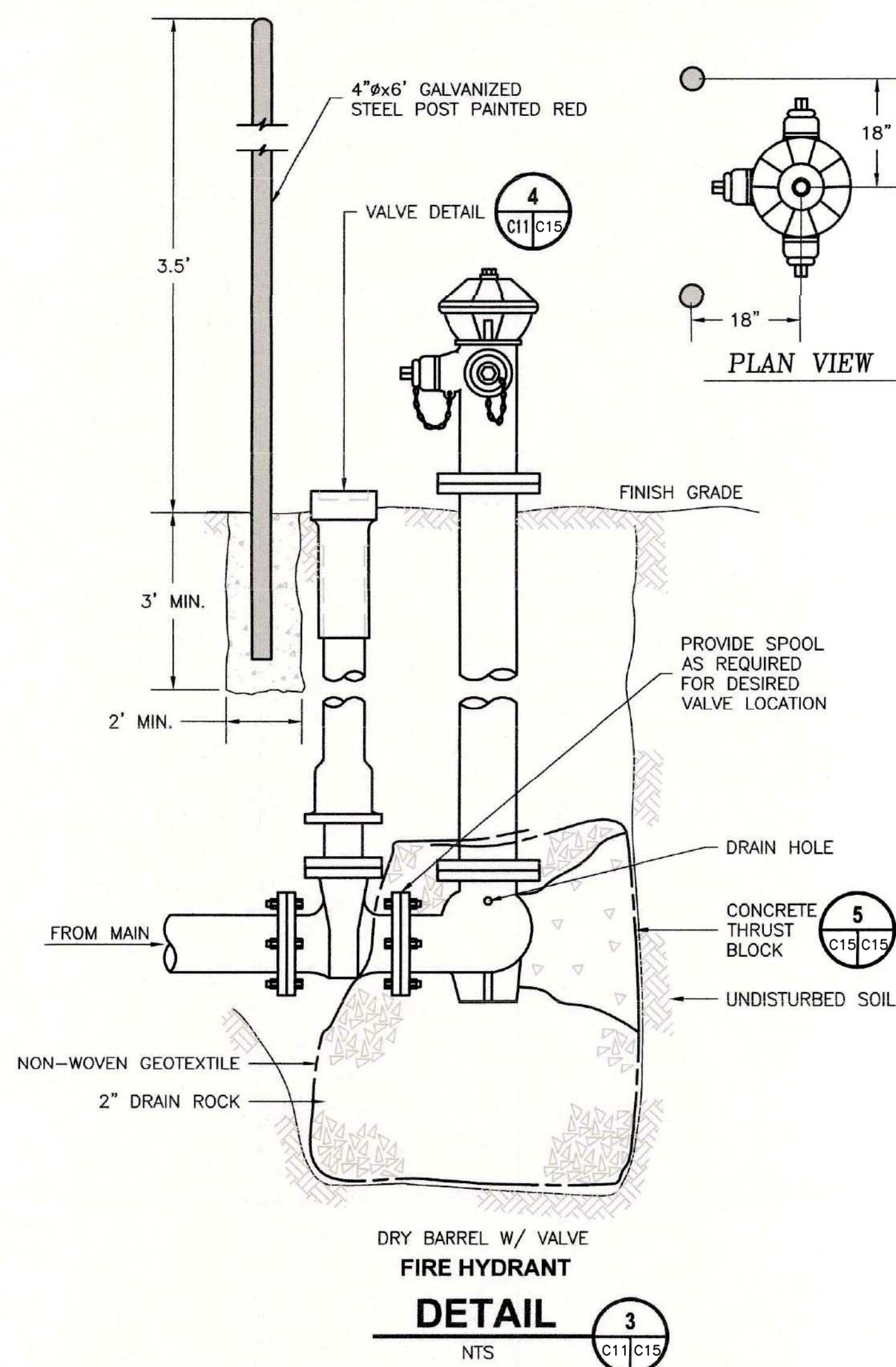
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- PIPE TRENCH NOTES:**
- BACKFILL BY HAND, COMPACT OR CONSOLIDATE TO PROVIDE SOLID BEDDING UNDER AND AROUND PIPE.
 - BEDDING MATERIAL SHALL BE GRAVEL OR CRUSHED ROCK AND SHALL HAVE A MAXIMUM SIZE OF 3/4" AND BE REASONABLY GRADED FROM COARSE TO FINE WITH A MINIMUM SAND EQUIVALENT OF 28.
 - IMPORT GRAVEL BACKFILL SHALL BE STREAM GRAVEL OR CRUSHED ROCK AND BE REASONABLY WELL GRADED FROM COARSE TO FINE WITH A MAXIMUM SIZE OF 3" AND A MINIMUM SAND EQUIVALENT GREATER THAN 28.
 - JETTING WILL NOT BE ALLOWED.
 - IN ROAD CROSSINGS BACKFILL ABOVE PIPE SHALL BE 3/4" MINUS CLASS II AGGREGATE BASE. BASE CONSOLIDATION SHALL BE 95% RELATIVE COMPACTION PER ASTM 2922. A 2-SACK CONCRETE SLURRY MAY BE USED IN PLACE OF AB.



- LOCATING WIRE AND WARNING TAPE NOTES:**
- WIRE SHALL BE CONTINUOUS BETWEEN VALVE BOXES, EXCEPT WHERE BOXES ARE WITHIN TEN (10) FEET OF PIPE INTERSECTION.
 - BARE WIRE SHALL NOT TOUCH VALVES OR FITTINGS.
 - LOCATING WIRE SHALL BE PLACED AT BOTTOM OF TRENCH, NEXT TO PIPE. (DO NOT ATTACH WIRE TO PIPE).
 - IF WIRE ENDS AT A VALVE, A SINGLE INSULATED WIRE SHALL EXTEND UP TO WITHIN 12" OF BOX COVER.
 - ALL VALVES, INCLUDING FIRE HYDRANT VALVES, SHALL HAVE LOCATING WIRES.
 - LOCATING WIRE SHALL BE BARE #6 AWG SOLID COPPER, SOFT DRAWN WIRE. WIRE SHALL BE INSTALLED WITH ALL NON-METALLIC MAINS AND SERVICES.
 - WARNING TAPE SHALL BE A DETECTABLE METALLIZED 2" WIDE WARNING TAPE, BLUE COLOR CODED, IMPRINTED WITH "CAUTION-BURIED WATER LINE BELOW" SHALL BE INSTALLED 6" MINIMUM ABOVE ALL WATER MAINS IN OFF ROAD INSTALLATIONS. LINEGUARD DETECTABLE MARKING TAP, TYPE III OR APPROVED EQUAL.



LOCATION OF THRUST BLOCKS
NTS

TABLE I
THRUST(T) AT FITTINGS, IN POUNDS AT 100 PSI WATER PRESSURE

PIPE SIZE	TEE OR DEAD END	90° BEND	45° BEND	22 1/2° BEND	11 1/4° BEND
1 1/2"	284	401	217	111	56
2"	443	627	339	173	87
2 1/2"	649	918	497	253	127
3"	962	1361	736	375	189
4"	1810	2559	1385	706	355
6"	3739	5288	2862	1459	733
8"	6433	9097	4923	2510	1261
10"	9677	13685	7406	3776	1897
12"	13685	19353	10474	5340	2683
14"	18385	26001	14072	7174	3604
16"	23779	33628	18199	9278	4661

TABLE II
SAFE BEARING LOADS (B)

SOIL	SAFE BEARING LOAD, POUNDS PER SQ. FT.
SOUND SHALE	10000
CEMENTED SAND AND GRAVEL	4000
COARSE AND FINE COMPACTED SAND	3000
MEDIUM CLAY (CAN BE SPADED)	2000
SOFT CLAY	1000
MUCK	0

$$A_{SB} = \frac{I \times P.T.}{B \times 100}$$

WHERE:

A_{SB} = AREA OF BLOCK BEARING AGAINST UNDISTURBED TRENCH MATERIAL IN SQ. FT.

T = THRUST FACTOR FROM TABLE I IN POUNDS AT 100 PSI

B = SAFE BEARING LOAD FROM TABLE II IN POUNDS/SQ. FT.

P.T. = PRESSURE USED FOR PIPELINE TEST IN PSI

THRUST BLOCK SIZING
NOT TO SCALE

- THRUST BLOCK NOTES:**
- THRUST BLOCKS SHALL BE CONSTRUCTED SO THAT MAJOR BEARING SURFACE IS IN DIRECT LINE WITH THE MAJOR FORCE CREATED BY THE PIPE OR FITTINGS.
 - ALL CONCRETE SHALL BE CLASS 470-C-2500 PER "GREENBOOK".
 - CONCRETE SHALL BE FLUID ENOUGH SO THAT IT MAY BE WORKED AROUND THE FITTINGS. A DOUBLE LAYER OF 6 MIL POLYETHYLENE FILM SHALL BE PLACED BETWEEN CONCRETE AND METAL FITTINGS.
 - CONCRETE SHALL BE KEPT BEHIND THE BELL OF THE FITTINGS.
 - ALL THRUST BLOCKS FOR PIPES LARGER THAN 12" SHALL BE ENGINEERED.
 - A CONCRETE PAD SHALL BE PLACED UNDER ALL VALVES 12" AND LARGER FOR SUPPORT.
 - ALL ANCHOR BLOCKS SHALL BE CONSTRUCTED WITH A MINIMUM OF (2) #4 REBAR STRAPS.

THRUST BLOCK
DETAIL
NTS

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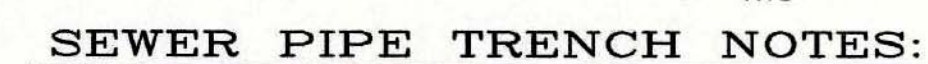
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SKYLINE DEVELOPMENT

WATER DETAILS

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DRAWN BY: SG
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DATE: 06/21/2023
SCALE: AS SHOWN
PROJECT NO: 1608

C15



-
- PLAN**
- Labels in Plan View:
- 8"x6" PVC TEE-WYE
 - 6" PVC BEND AS REQUIRED
 - 4" MIN. INDIVIDUAL HOUSE CONNECTION BY OTHERS
 - ALL ENDS TO BE PLUGGED & SEALED W/STD. STOPPERS OR PLUGS
 - PROPERTY LINE
 - 6"x4"x4" STD. PVC DOUBLE "Y" BRANCH
 - UTILITY EASEMENT VARIES
 - 3'-0"
 - 6"x4"x4" STD. PVC DOUBLE "Y" BRANCH
 - UNDISTURBED EARTH
 - 60" MAX.
 - 6"x4" WYE
 - SLOPE 1/4" PER FOOT TYP. 1/8" PER FOOT MIN.
 - 2"x2" TREATED WOOD MARKER STAKE, TYP. (AT PLUGGED LATERAL)
 - 3'-0"
 - OF MAIN SEWER
 - TRENCH
 - 8"x6" PVC TEE-WYE
 - 6"x4" WYE
 - R/W OR PROPERTY LINE
 - PLUG & SEAL
 - UTILITY EASEMENT VARIES
- SECTION**
- Labels in Section View:
- 6" PVC SERVICE LATERAL SLOPE 1/4" PER FOOT TYP. 1/8" PER FOOT MIN.
 - ELECTRONIC MARKER, TYP.
 - 6" PVC SERVICE LATERAL
 - 6"x4" WYE
 - 6"x4"x4" STD. PVC DOUBLE "Y" BRANCH
 - UNDISTURBED EARTH
 - 60" MAX.
 - 3'-0"
 - 6"x4" WYE
 - SLOPE 1/4" PER FOOT TYP. 1/8" PER FOOT MIN.
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 - 3'-0"
 - OF MAIN SEWER
 - TRENCH
 - 8"x6" PVC TEE-WYE
 - 6"x4" WYE
 - R/W OR PROPERTY LINE
 - PLUG & SEAL
 - UTILITY EASEMENT VARIES

SINGLE SERVICE CONNECTION DOUBLE SERVICE CONNECTION

1. SERVICE LATERALS SHALL TERMINATE 2' INSIDE U.E. AT PROPERTY LINE AT A DEPTH OF 3 FEET, PLUGGED WATERTIGHT AND MARKED WITH A 2"x2" TREATED STAKE AND ELECTRONIC MARKER.
2. THE MINIMUM DIAMETER OF ALL SERVICE LATERALS SHALL BE 6 INCHES.
3. CONNECTION TO CITY LATERAL SHALL BE MADE WITH A CLEANOUT.

SANITARY SEWER SERVICE



REVISIONS



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SKYLINE DEVELOPMENT

SEWER DETAILS

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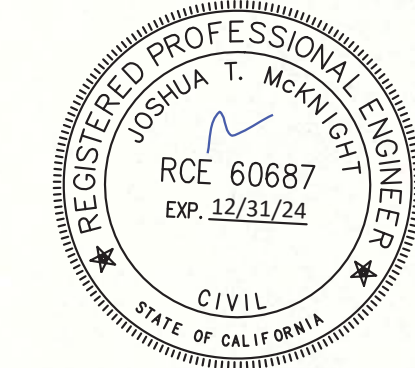
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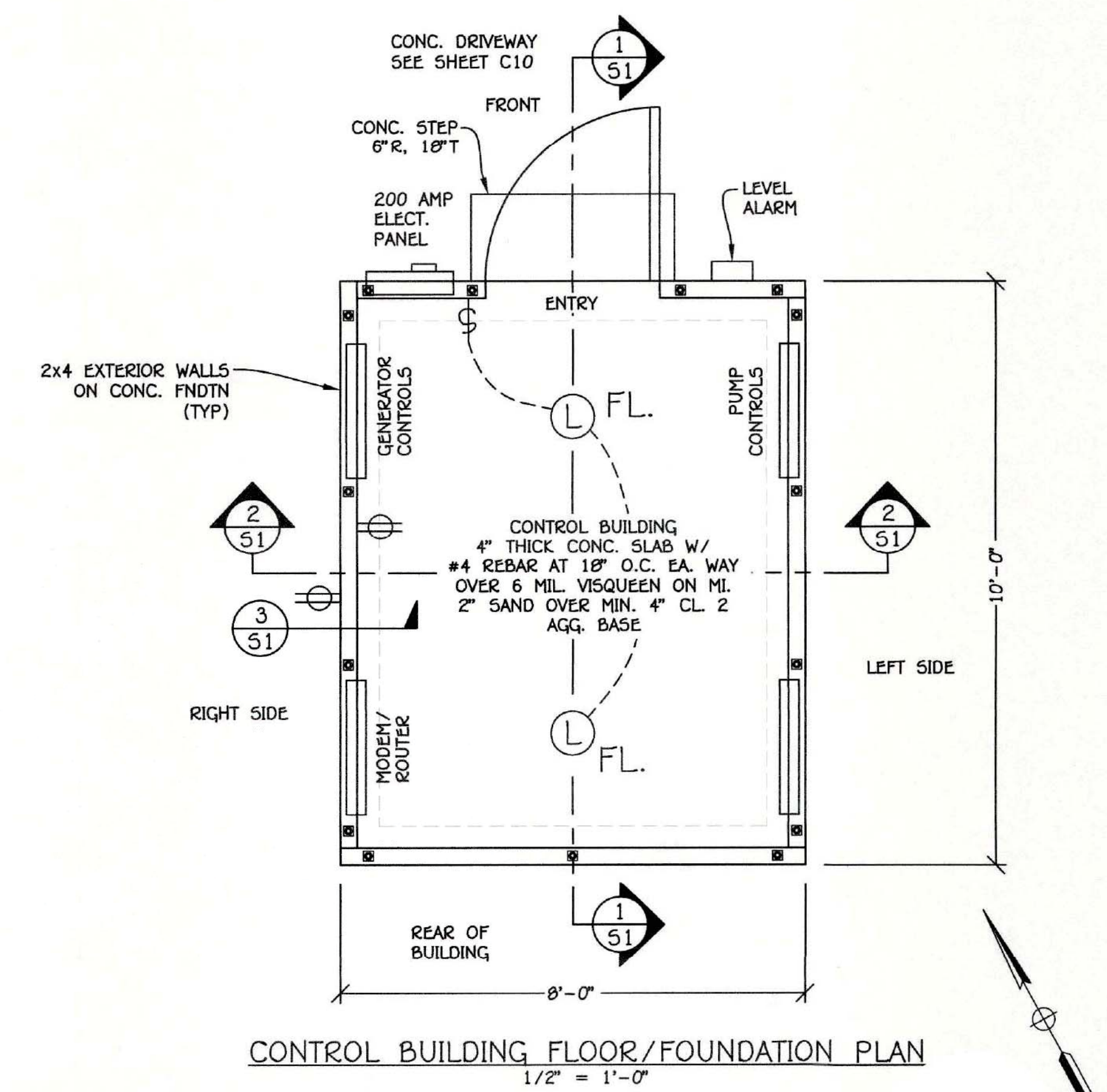
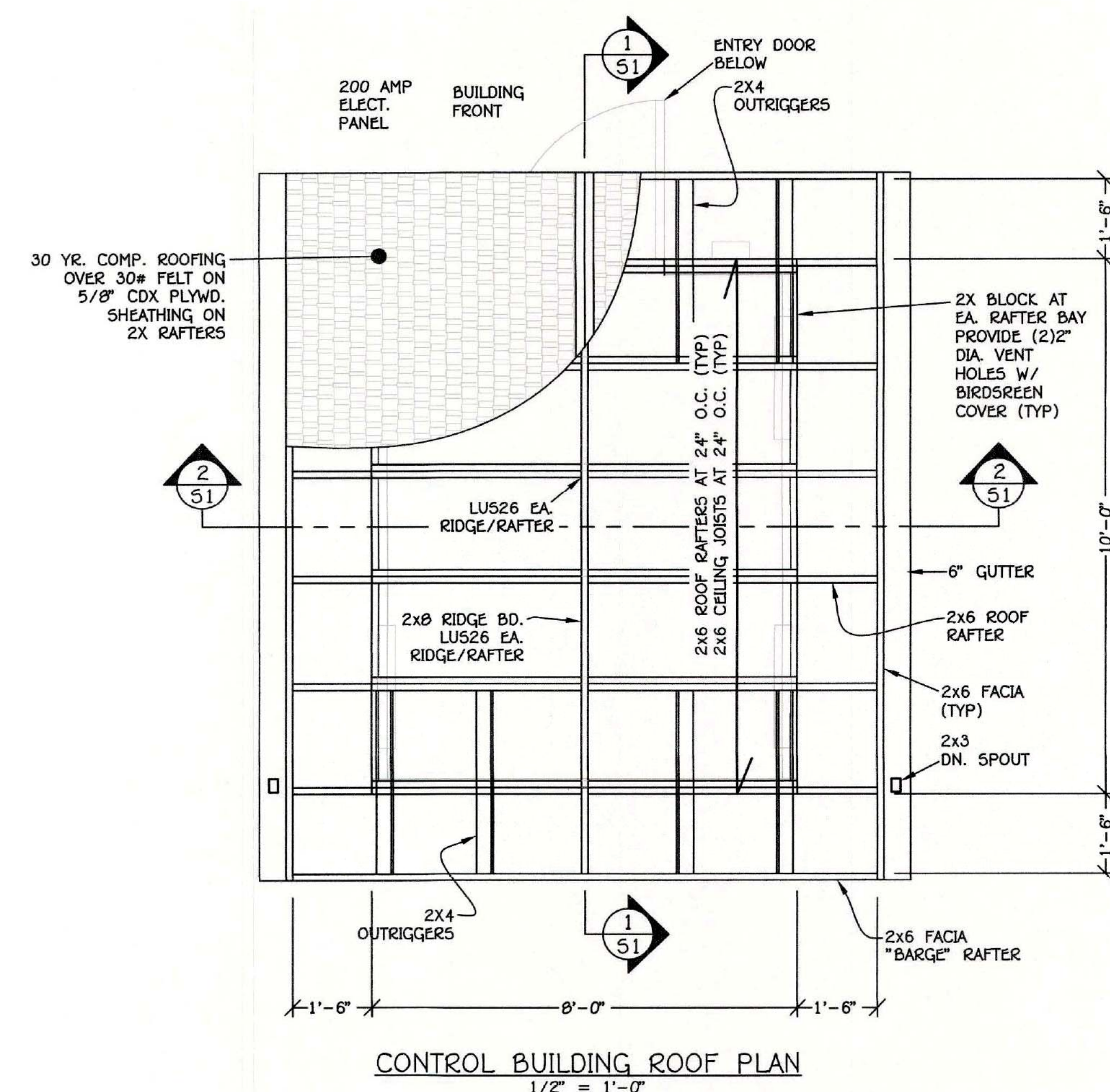
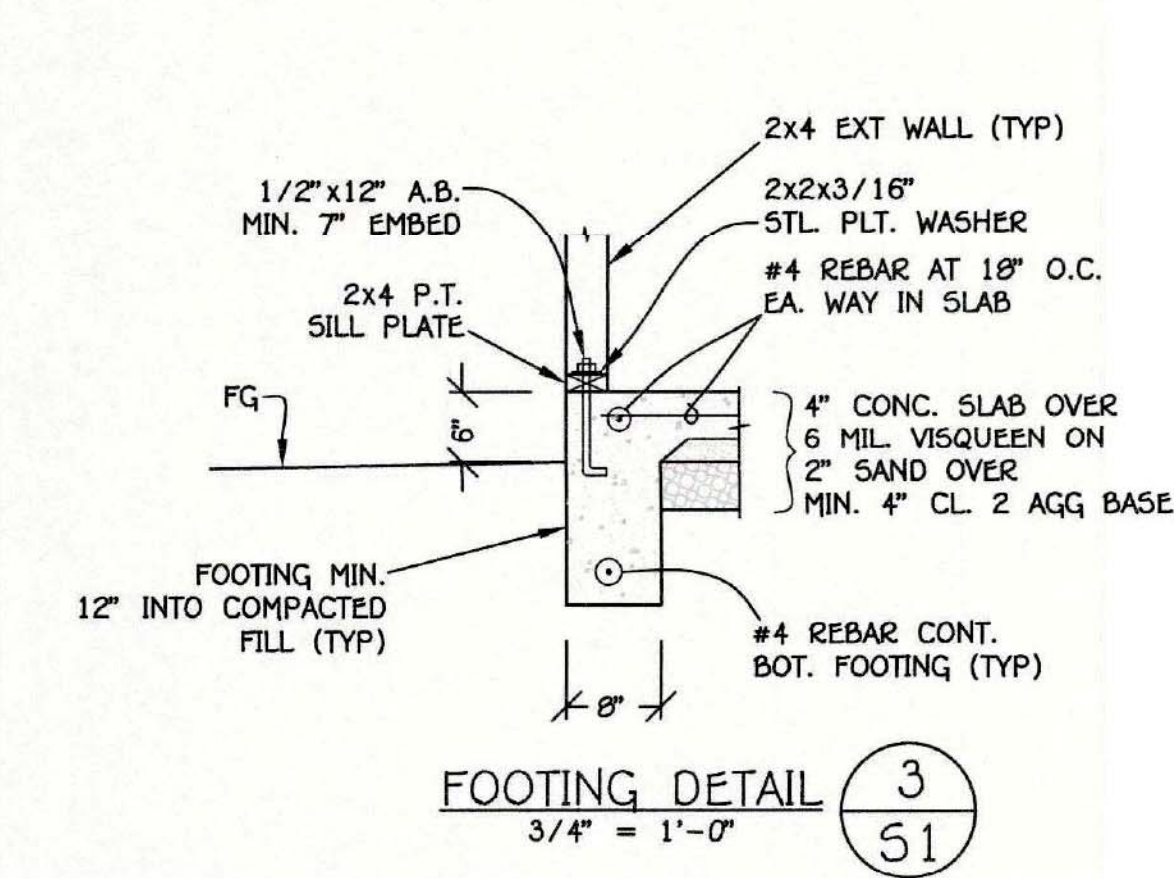
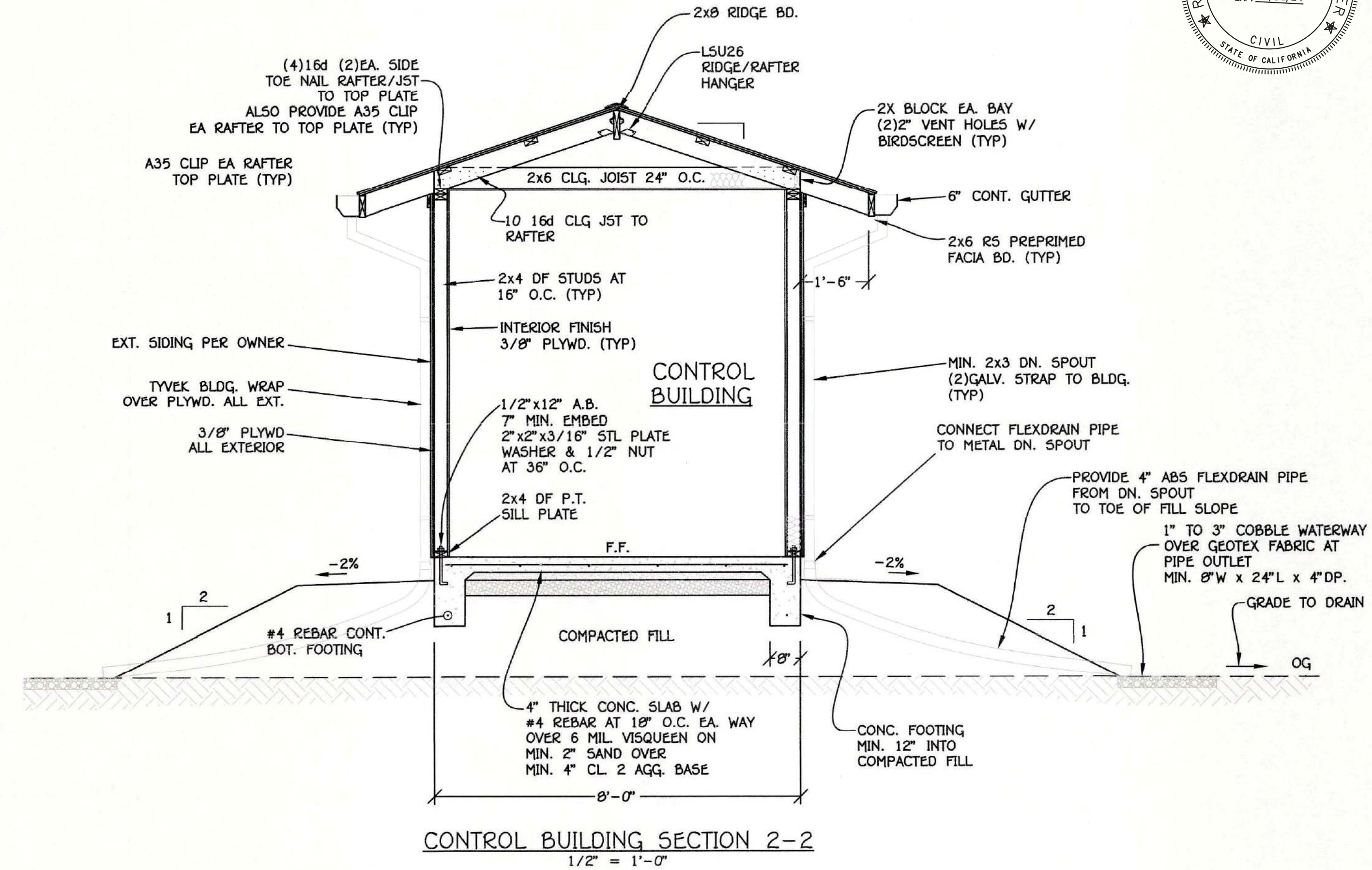
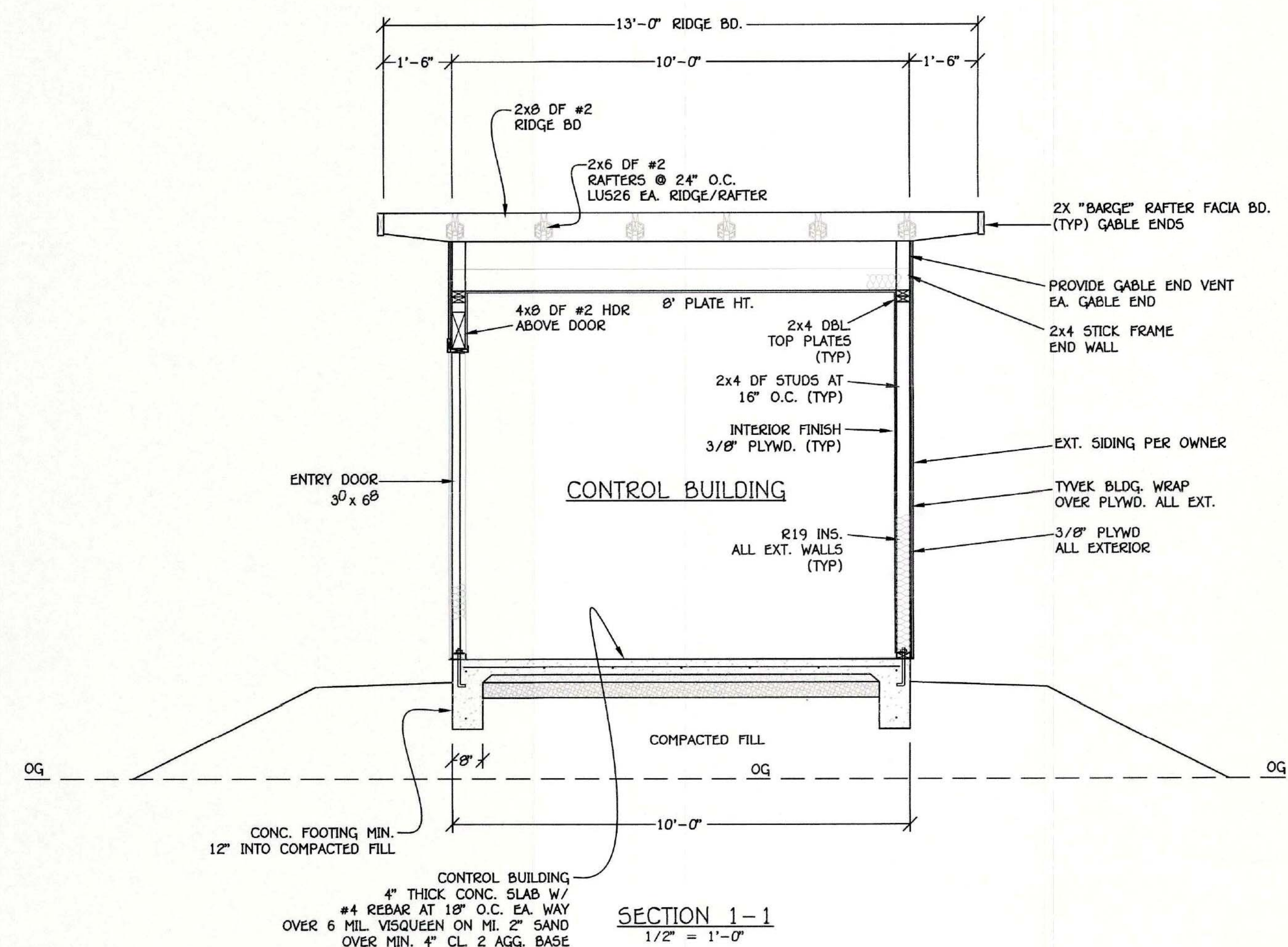
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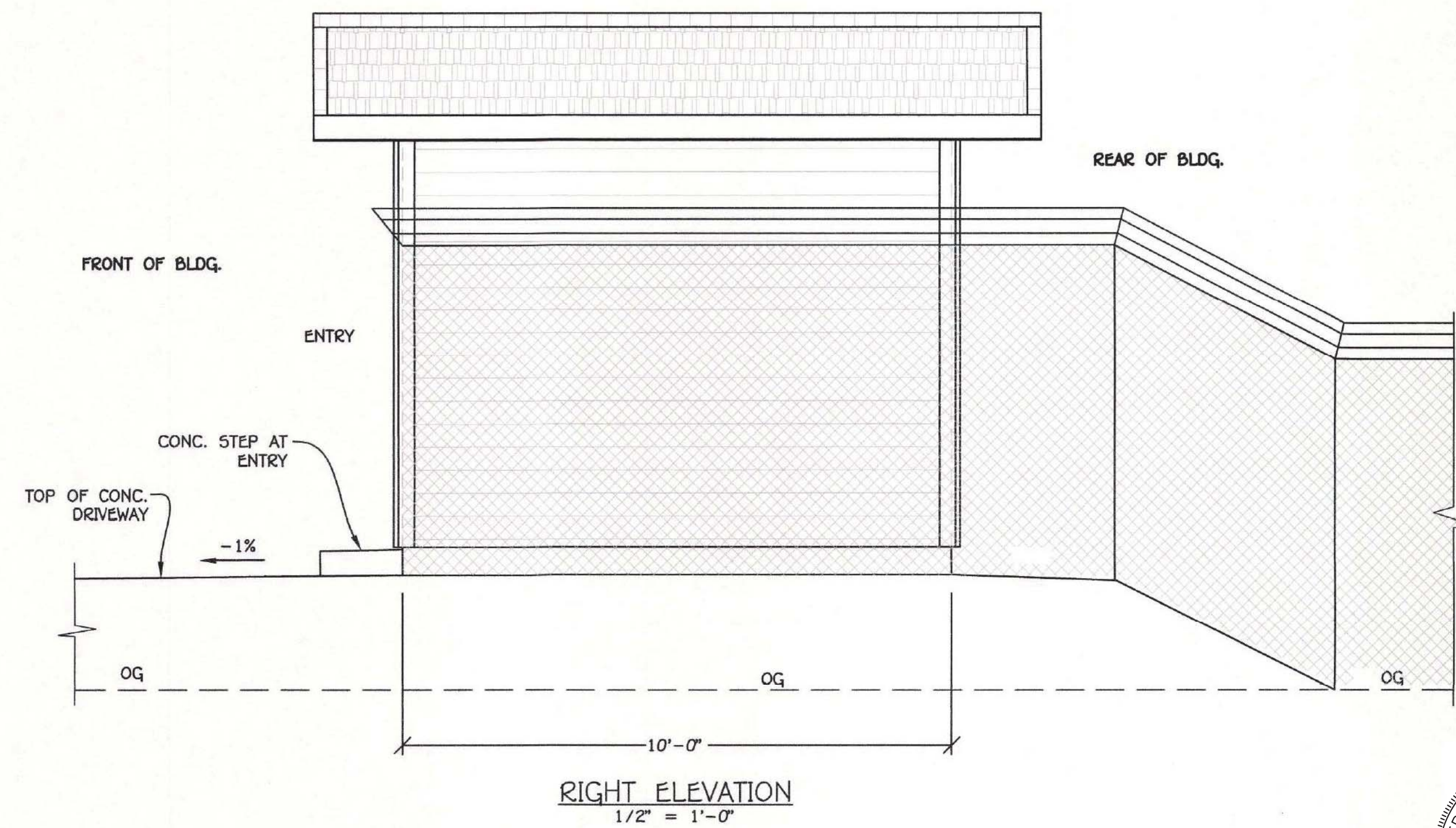
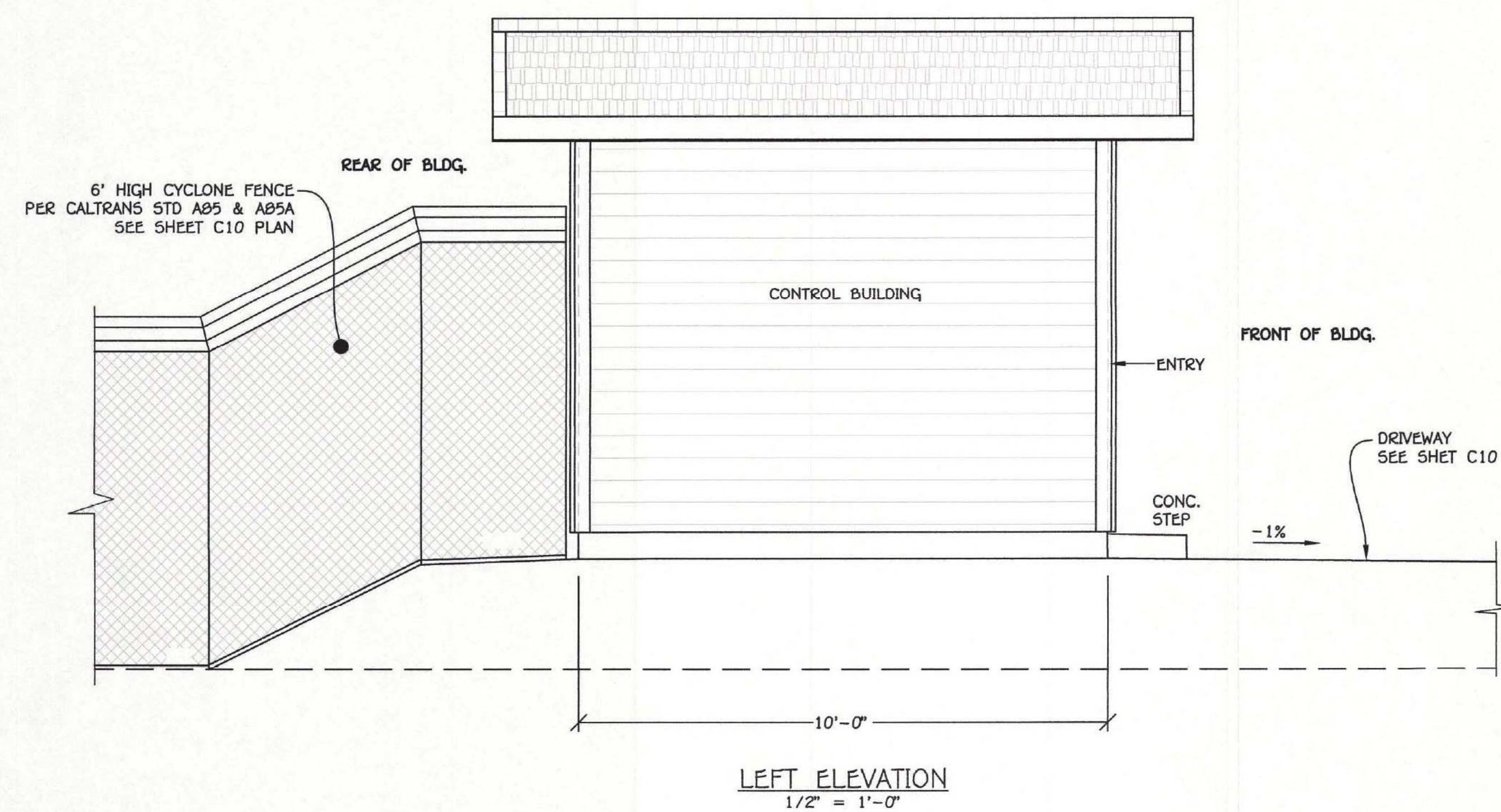
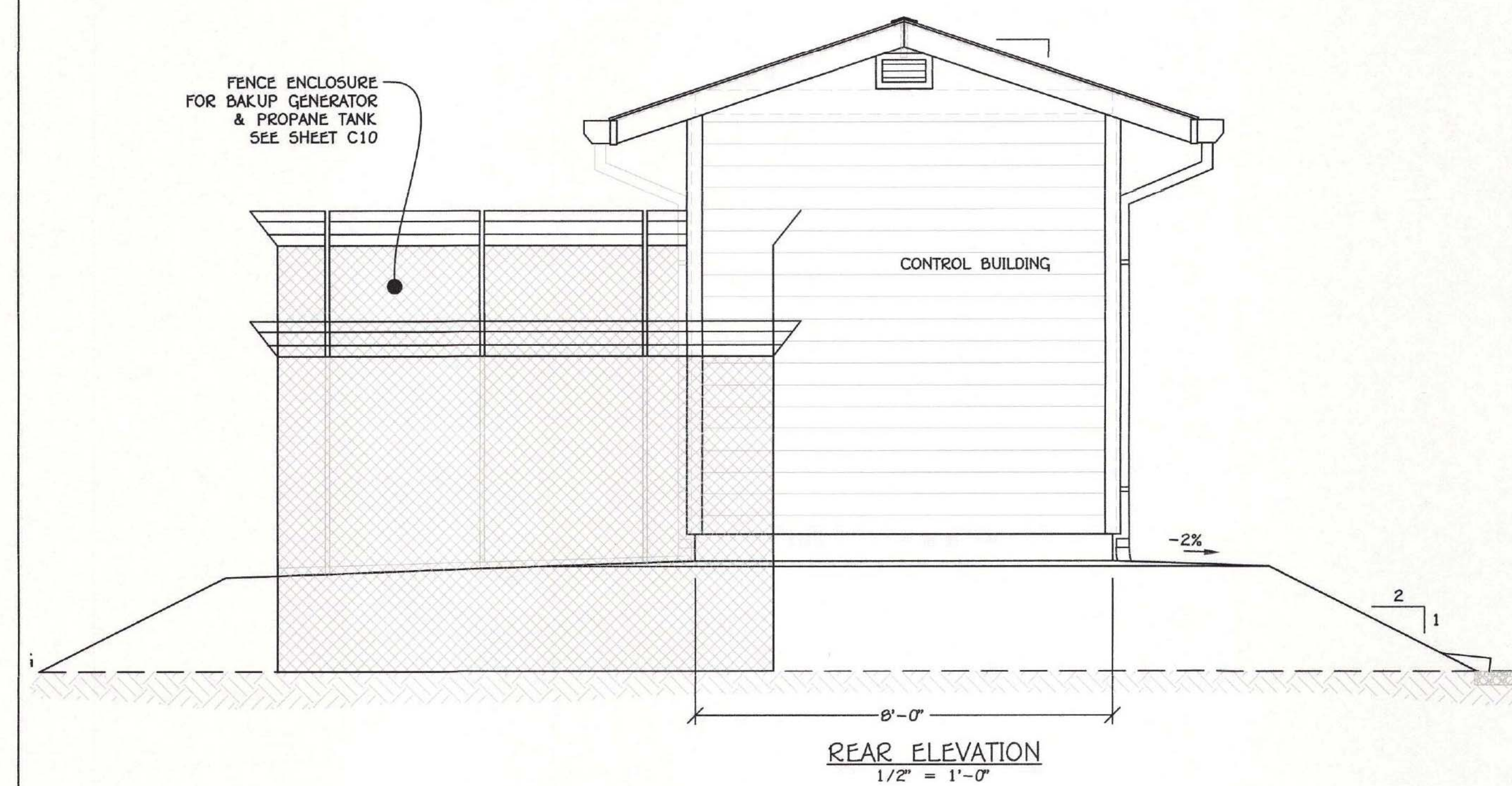
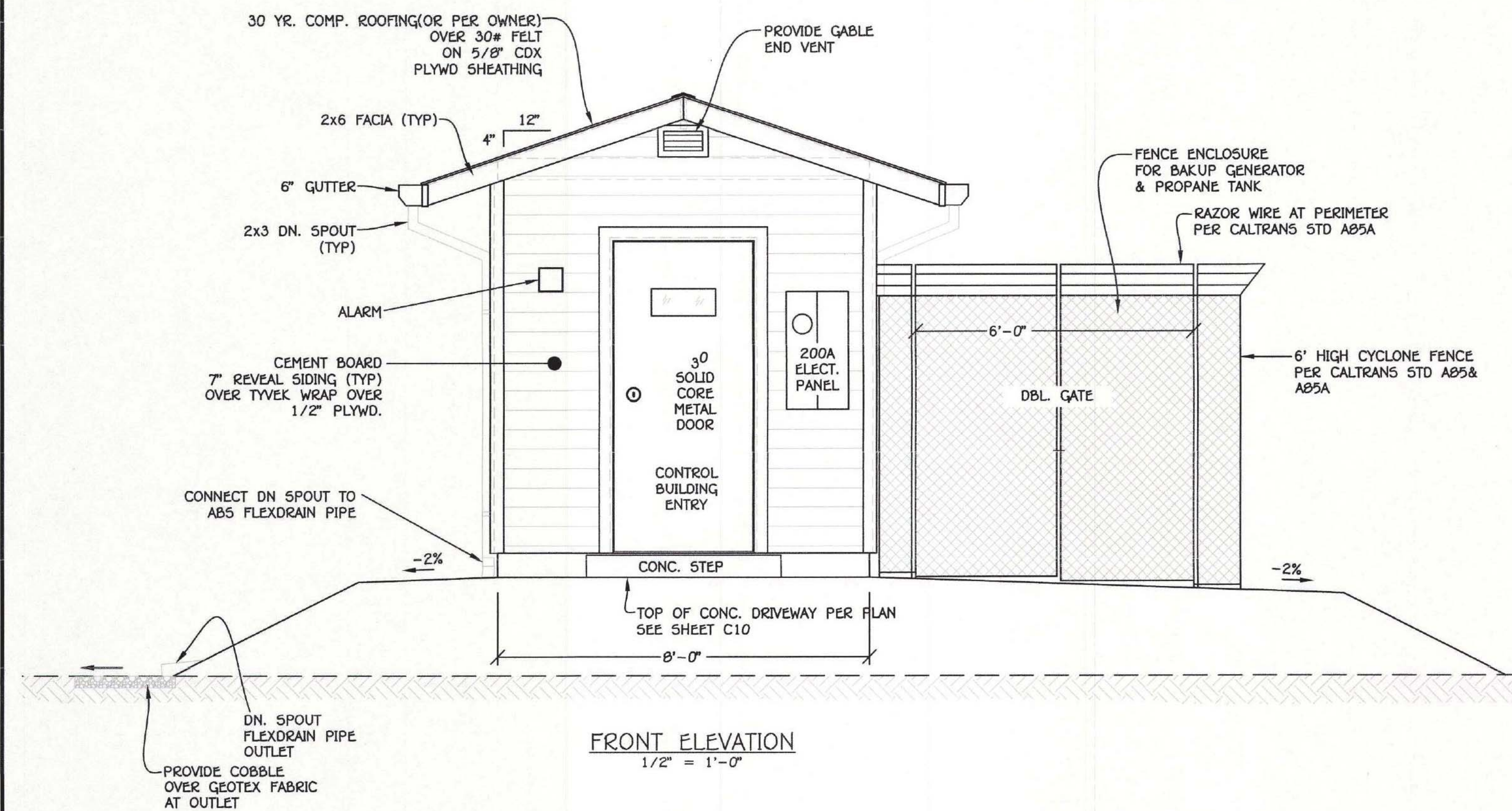
SKYLINE DEVELOPMENT

SEWER LIFT
CONTROL BUILDING

DESIGN BY: TVCE
DRAWN BY: SG
CHECKED BY: FM
DATE: 06/21/2023
SCALE: AS SHOWN
PROJECT NO: 1608

S1





REVISIONS



PLAN BY:

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SKYLINE DEVELOPMENT

SEWER LIFT
CONTROL BUILDING

DESIGN BY: TVCE

DRAWN BY: SG

CHECKED BY: FM

DATE: 06/21/2023

SCALE: $1/2" = 1'-0"$

PROJECT NO: 1608

S2