

DES: RFC
DRAWN: RFC
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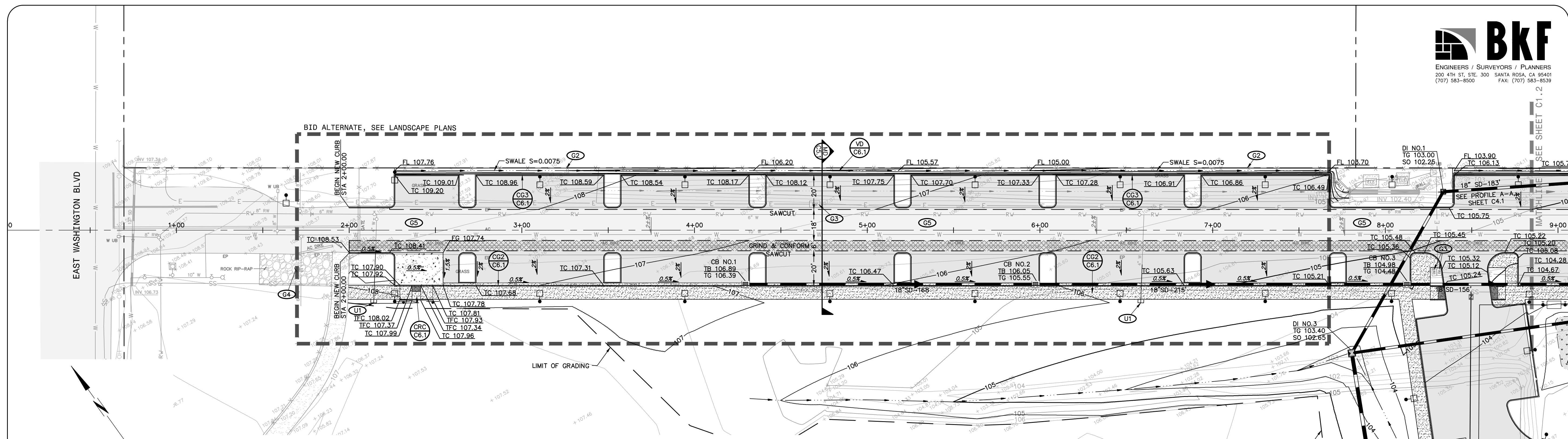
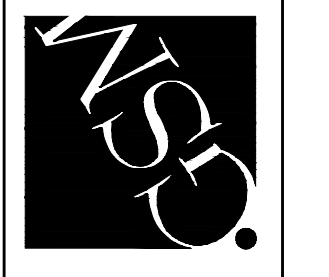


CITY OF PETALUMA
PUBLIC WORKS & UTILITIES
202 N. McDowell Blvd., PETALUMA, CALIFORNIA, 94954
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PETALUMA COMMUNITY SPORTS FIELDS
BASEBALL DIAMOND
EXISTING CONDITION MAP
2430 E WASHINGTON ST PETALUMA, CA 94954

DATE: 4/12/21
FILE NO: 16193_SITE
JOB NO: 1628
SHEET NO:
C0.3
OF 59





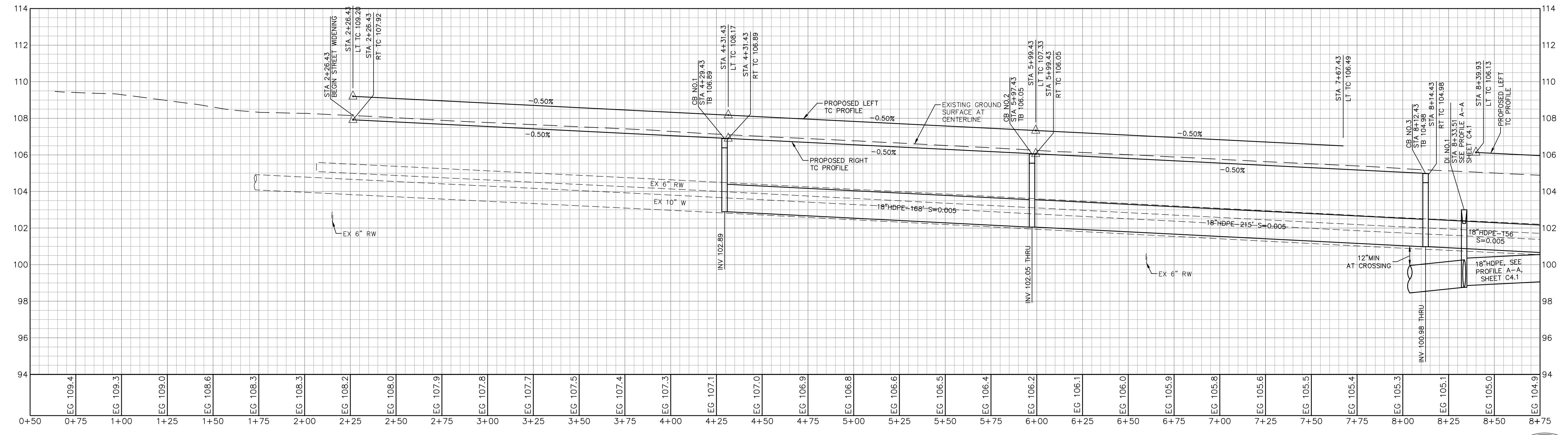
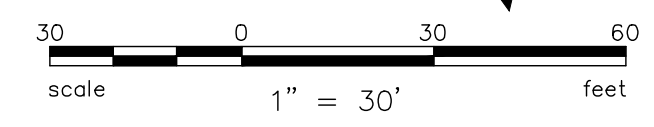
UTILITY KEYNOTES

CONTRACTOR TO VERIFY EXISTING UTILITY DEPTH PRIOR TO ANY SITE GRADING. CONTRACTOR SHALL CONTACT PROJECT ENGINEER IMMEDIATELY IN EVENT THAT THERE IS A CONFLICT WITH THE PROPOSED UTILITY OR STRUCTURAL SECTION.

U1 EXTEND EXISTING WATER SERVICE LINE AND CAP 2-FEET BEHIND PROPOSED SIDEWALK.

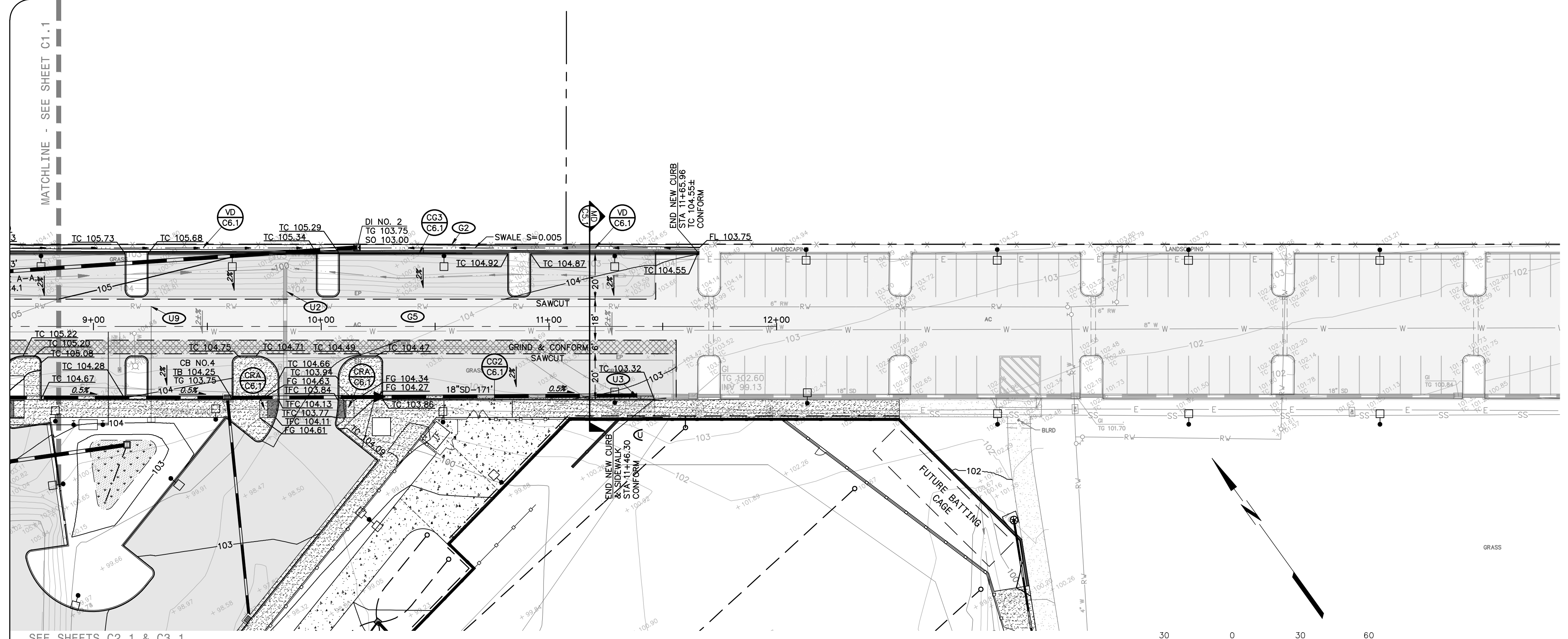
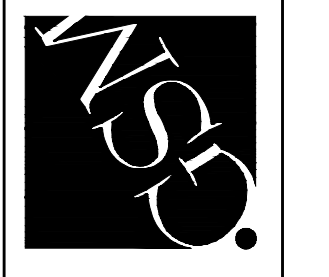
GRADING AND STREET KEYNOTES

- G1 CONFORM TO EXISTING SIDEWALK IN A MANNER WHICH CREATES A UNIFORM TRANSITION AND DOES NOT IMPEDE DRAINAGE.
- G2 CONFORM TO PROPOSED CONCRETE SWALE AT 3:1 SLOPE MAX IN A MANNER WHICH DOES NOT IMPEDE DRAINAGE.
- G3 ADJUST EXISTING UTILITY BOX TO FINISHED GRADE. REPLACE BOX WITH TRAFFIC RATED STRUCTURE WHERE PULL BOX IS WITHIN DRIVEN PATH.
- G4 REMOVE EXISTING GRAVEL AREA AND REPLACE WITH NATIVE BACKFILL.
- G5 CONTRACTOR SHALL REMOVE AND REPLACE ALL FAILED SECTIONS OF ASPHALT ALONG EXISTING ROADWAY AT DIRECTION OF OWNER.

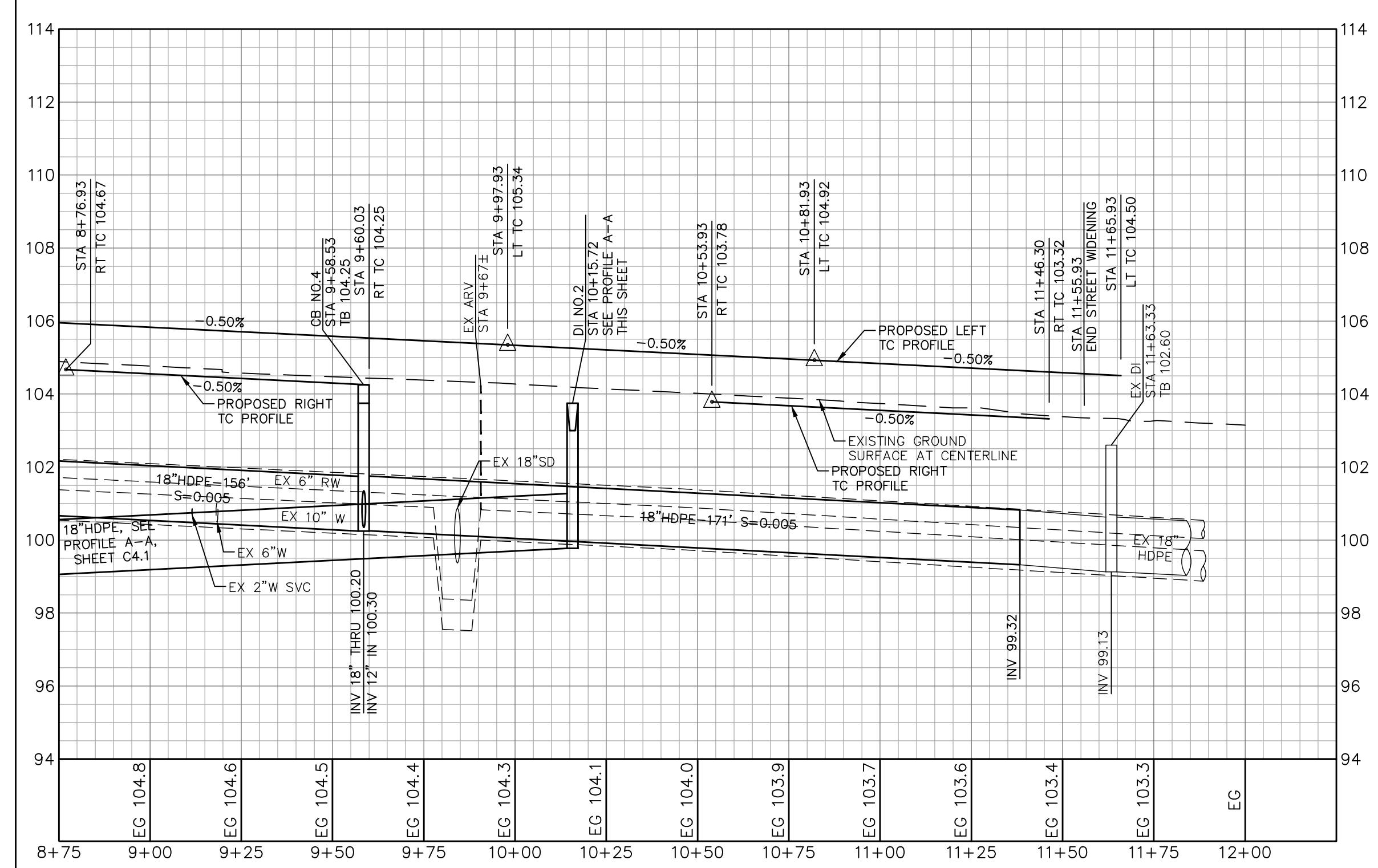


MAIN DRIVE AISLE CENTERLINE PROFILE
STA 0+50.00 TO STA 8+75.00
SCALE
HORIZONTAL: 1"=30'
VERTICAL: 1"=3'



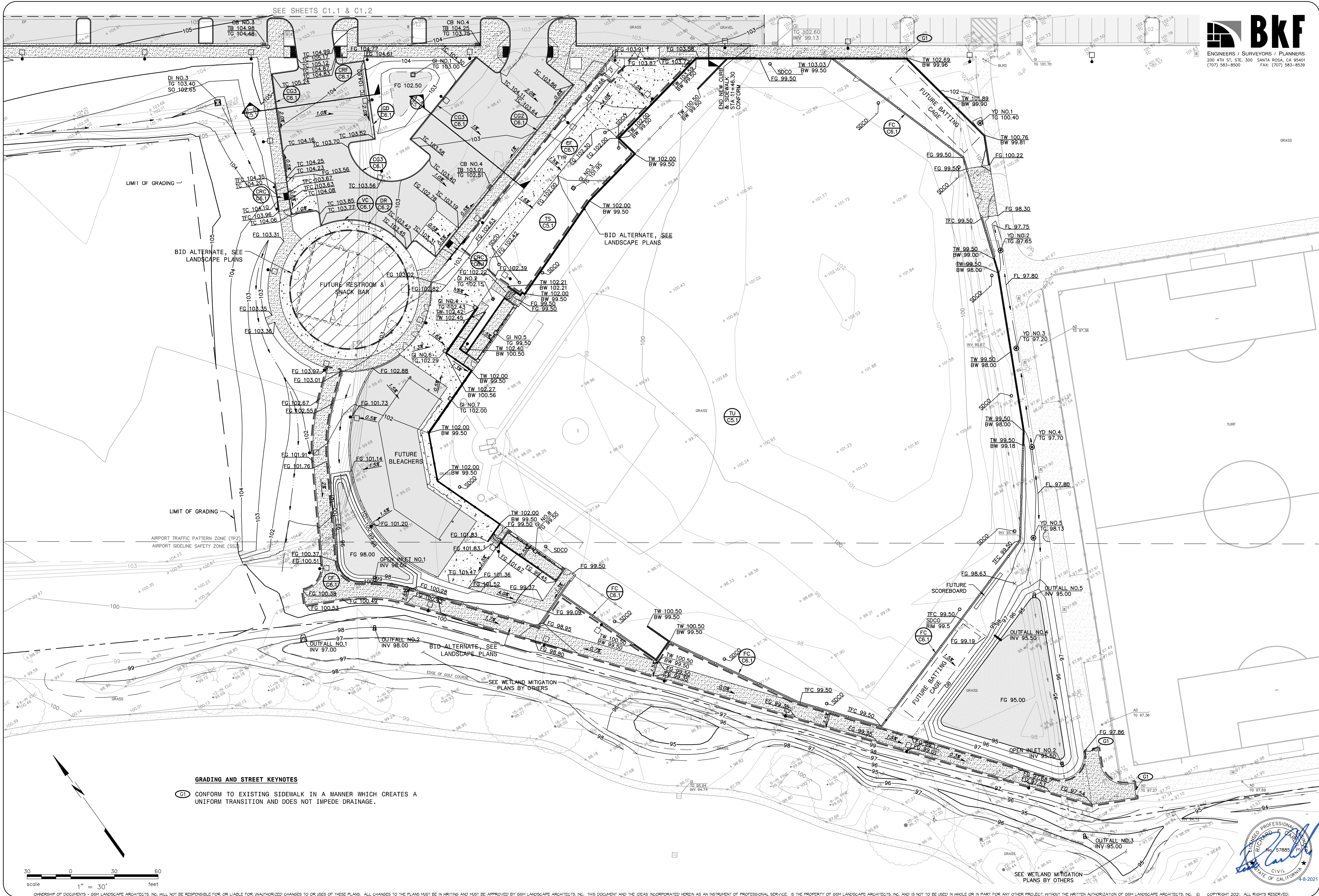


- UTILITY KEYNOTES**
- (U2) CONTRACTOR TO VERIFY EXISTING UTILITY DEPTH PRIOR TO ANY SITE GRADING. CONTRACTOR SHALL CONTACT PROJECT ENGINEER IMMEDIATELY IN EVENT THAT THERE IS A CONFLICT WITH THE PROPOSED UTILITY OR STRUCTURAL SECTION.
 - (U2) REMOVE EXISTING STORM DRAIN CULVERT TO LIMITS OF ROADWAY IMPROVEMENTS. ABANDON REMAINING IN ACCORDANCE WITH CITY OF PETALUMA STANDARD DETAIL 507.
 - (U3) CONTRACTOR TO VERIFY INVERT OF EXISTING STORM DRAIN LINE PRIOR TO ANY SITE GRADING. CONNECT PROPOSED STORM DRAIN TO EXISTING WITH CONCRETE COLLAR AS NECESSARY IN ACCORDANCE WITH SONOMA COUNTY STANDARD DETAIL 410.
 - (U9) INSTALL 6"x6"x4" CUT-IN TEE TO EXISTING RECYCLED WATER LINE AND CAP AT BACK OF SIDEWALK UNDER AUTHORIZED CITY INSPECTION.
- GRADING AND STREET KEYNOTES**
- (G1) CONFORM TO EXISTING SIDEWALK IN A MANNER WHICH CREATES A UNIFORM TRANSITION AND DOES NOT IMPEDE DRAINAGE.
 - (G2) CONFORM TO PROPOSED CONCRETE SWALE AT 3:1 SLOPE MAX IN A MANNER WHICH DOES NOT IMPEDE DRAINAGE.
 - (G3) ADJUST EXISTING UTILITY BOX TO FINISHED GRADE. REPLACE BOX WITH TRAFFIC RATED STRUCTURE WHERE PULL BOX IS WITHIN DRIVEN PATH.
 - (G5) CONTRACTOR SHALL REMOVE AND REPLACE ALL FAILED SECTIONS OF ASPHALT ALONG EXISTING ROADWAY AT DIRECTION OF OWNER.



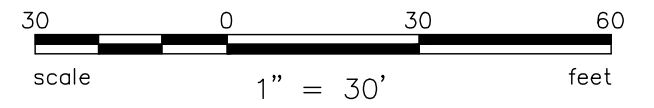
MAIN DRIVE AISLE CENTERLINE PROFILE
STA 8+75.00 TO STA 12+00.00
SCALE
HORIZONTAL: 1"=30'
VERTICAL: 1"=3'





GRADING AND STREET KEYNOTES

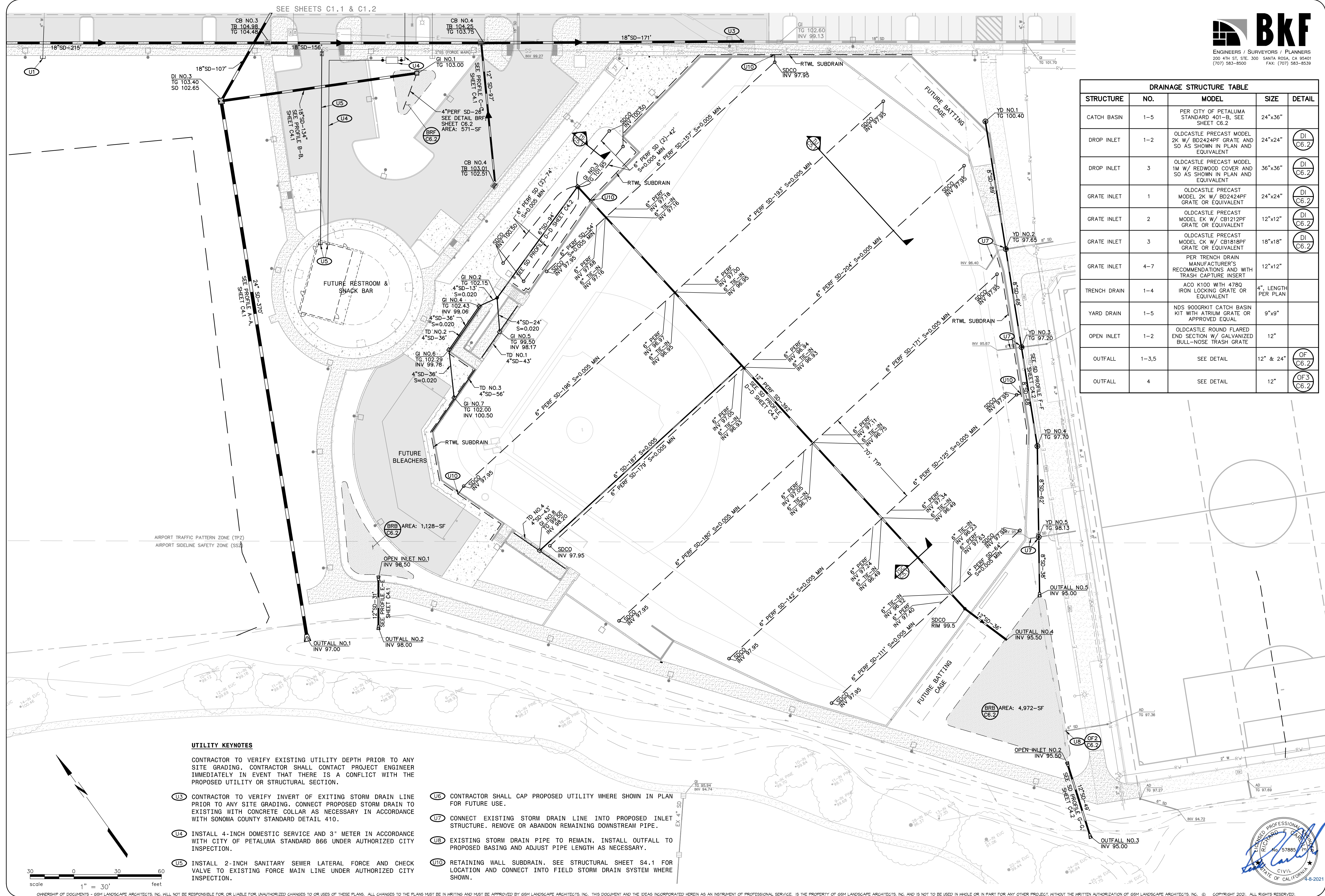
(G1) CONFORM TO EXISTING SIDEWALK IN A MANNER WHICH CREATES A UNIFORM TRANSITION AND DOES NOT IMPEDE DRAINAGE.



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CITY OF PETALUMA PUBLIC WORKS & UTILITIES 202 N. McDowell Blvd., PETALUMA, CALIFORNIA, 94954 PH. 707-778-4546 FAX. 707-778-4508		
PETALUMA COMMUNITY SPORTS FIELDS BASEBALL DIAMOND SITE GRADING PLAN		
2430 E WASHINGTON ST PETALUMA, CA 94954		
DATE: 4/12/21	FILE NO: 1619L SITE	JOB NO: 162B
SHEET NO:		C2.1
		OF 59



DRAINAGE STRUCTURE TABLE				
STRUCTURE	NO.	MODEL	SIZE	DETAIL
CATCH BASIN	1-5	PER CITY OF PETALUMA STANDARD 401-B, SEE SHEET C6.2	24"x36"	
DROP INLET	1-2	OLDCASTLE PRECAST MODEL 2K W/ BD2424PF GRATE AND SO AS SHOWN IN PLAN AND EQUIVALENT	24"x24"	DI C6.2
DROP INLET	3	OLDCASTLE PRECAST MODEL 1M W/ REDWOOD COVER AND SO AS SHOWN IN PLAN AND EQUIVALENT	36"x36"	DI C6.2
GRATE INLET	1	OLDCASTLE PRECAST MODEL 2K W/ BD2424PF GRATE OR EQUIVALENT	24"x24"	DI C6.2
GRATE INLET	2	OLDCASTLE PRECAST MODEL EK W/ CB1212PF GRATE OR EQUIVALENT	12"x12"	DI C6.2
GRATE INLET	3	OLDCASTLE PRECAST MODEL 1M W/ REDWOOD COVER AND SO AS SHOWN IN PLAN AND EQUIVALENT	18"x18"	DI C6.2
GRATE INLET	4-7	PER TRENCH DRAIN MANUFACTURER'S RECOMMENDATIONS AND WITH TRASH CAPTURE INSERT	12"x12"	
TRENCH DRAIN	1-4	ACO K100 WITH 478Q IRON LOCKING GRATE OR EQUIVALENT	4" LENGTH PER PLAN	
YARD DRAIN	1-5	NDS 900GRKIT CATCH BASIN KIT WITH ATRIUM GRATE OR APPROVED EQUAL	9"x9"	
OPEN INLET	1-2	OLDCASTLE ROUND FLARED END SECTION W/ GALVANIZED BULL-NOSE TRASH GRATE	12"	
OUTFALL	1-3,5	SEE DETAIL	12" & 24"	OF C6.2
OUTFALL	4	SEE DETAIL	12"	OF 3 C6.2

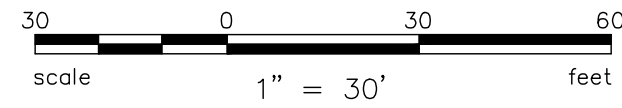


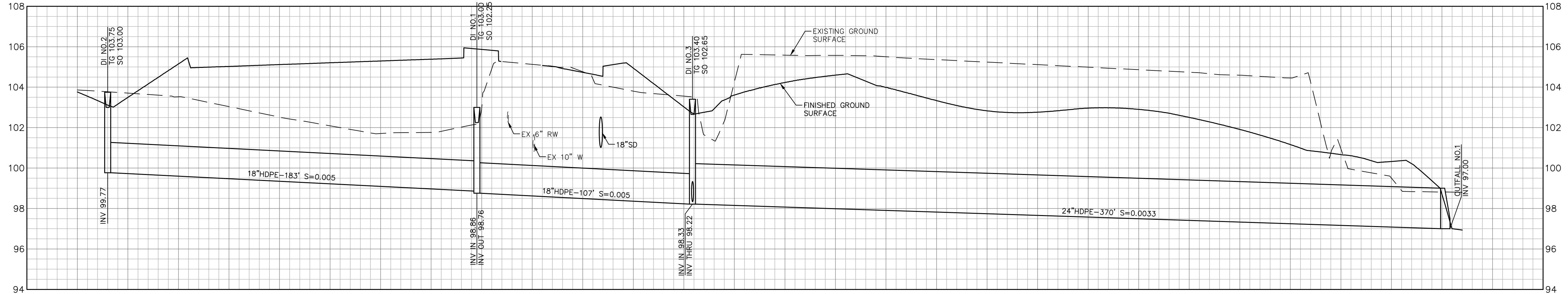
UTILITY KEYNOTES

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- U3** CONTRACTOR TO VERIFY INVERT OF EXISTING STORM DRAIN LINE PRIOR TO ANY SITE GRADING. CONNECT PROPOSED STORM DRAIN TO EXISTING WITH CONCRETE COLLAR AS NECESSARY IN ACCORDANCE WITH SONOMA COUNTY STANDARD DETAIL 410.
- U4** INSTALL 4-INCH DOMESTIC SERVICE AND 3" METER IN ACCORDANCE WITH CITY OF PETALUMA STANDARD 866 UNDER AUTHORIZED CITY INSPECTION.
- U5** INSTALL 2-INCH SANITARY SEWER LATERAL FORCE AND CHECK VALVE TO EXISTING FORCE MAIN LINE UNDER AUTHORIZED CITY INSPECTION.

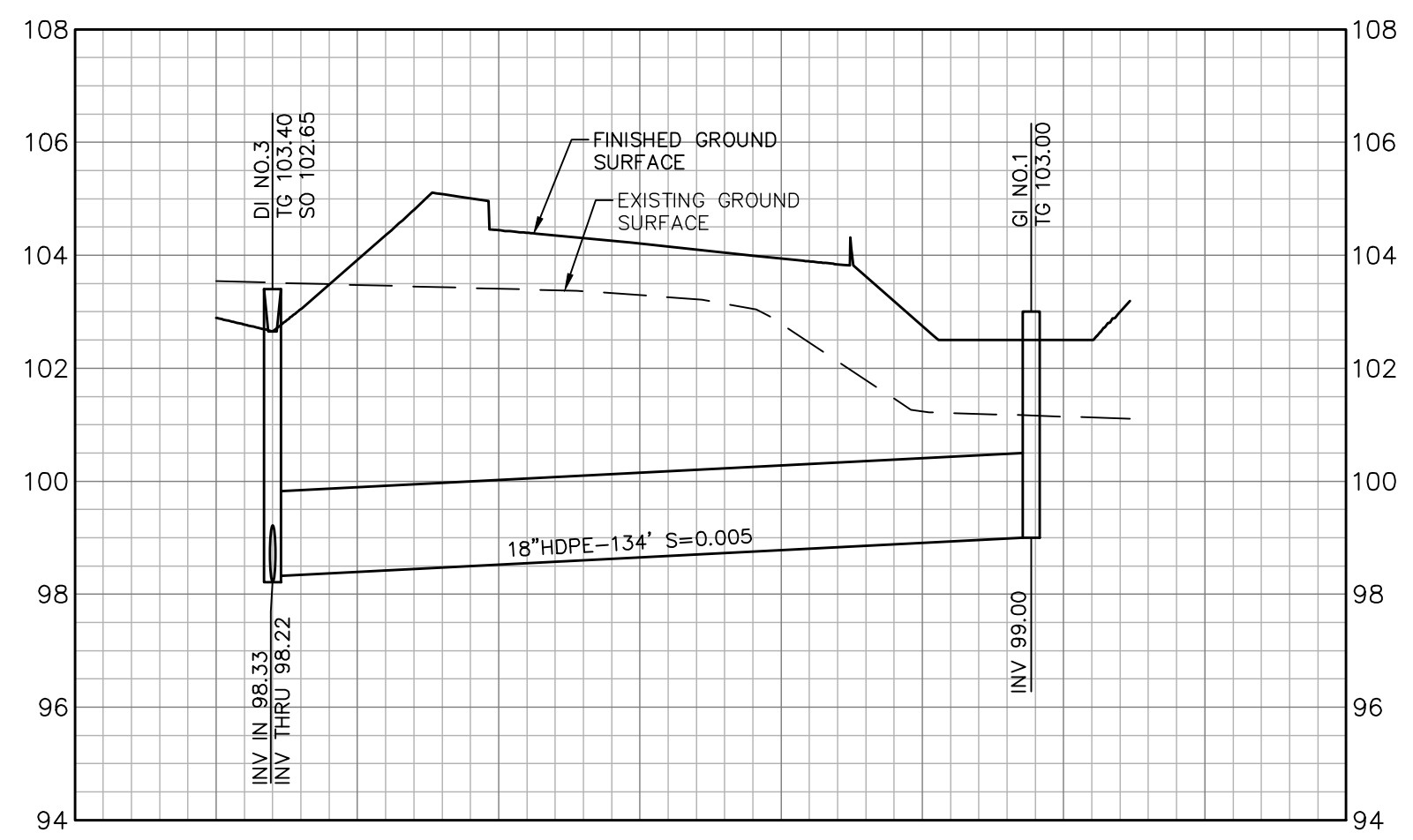
- UB** CONTRACTOR SHALL CAP PROPOSED UTILITY WHERE SHOWN IN PLAN FOR FUTURE USE.
- U7** CONNECT EXISTING STORM DRAIN LINE INTO PROPOSED INLET STRUCTURE. REMOVE OR ABANDON REMAINING DOWNSTREAM PIPE.
- UB** EXISTING STORM DRAIN PIPE TO REMAIN. INSTALL OUTFALL TO PROPOSED BASING AND ADJUST PIPE LENGTH AS NECESSARY.
- UTD** RETAINING WALL SUBDRAIN. SEE STRUCTURAL SHEET S4.1 FOR LOCATION AND CONNECT INTO FIELD STORM DRAIN SYSTEM WHERE SHOWN.





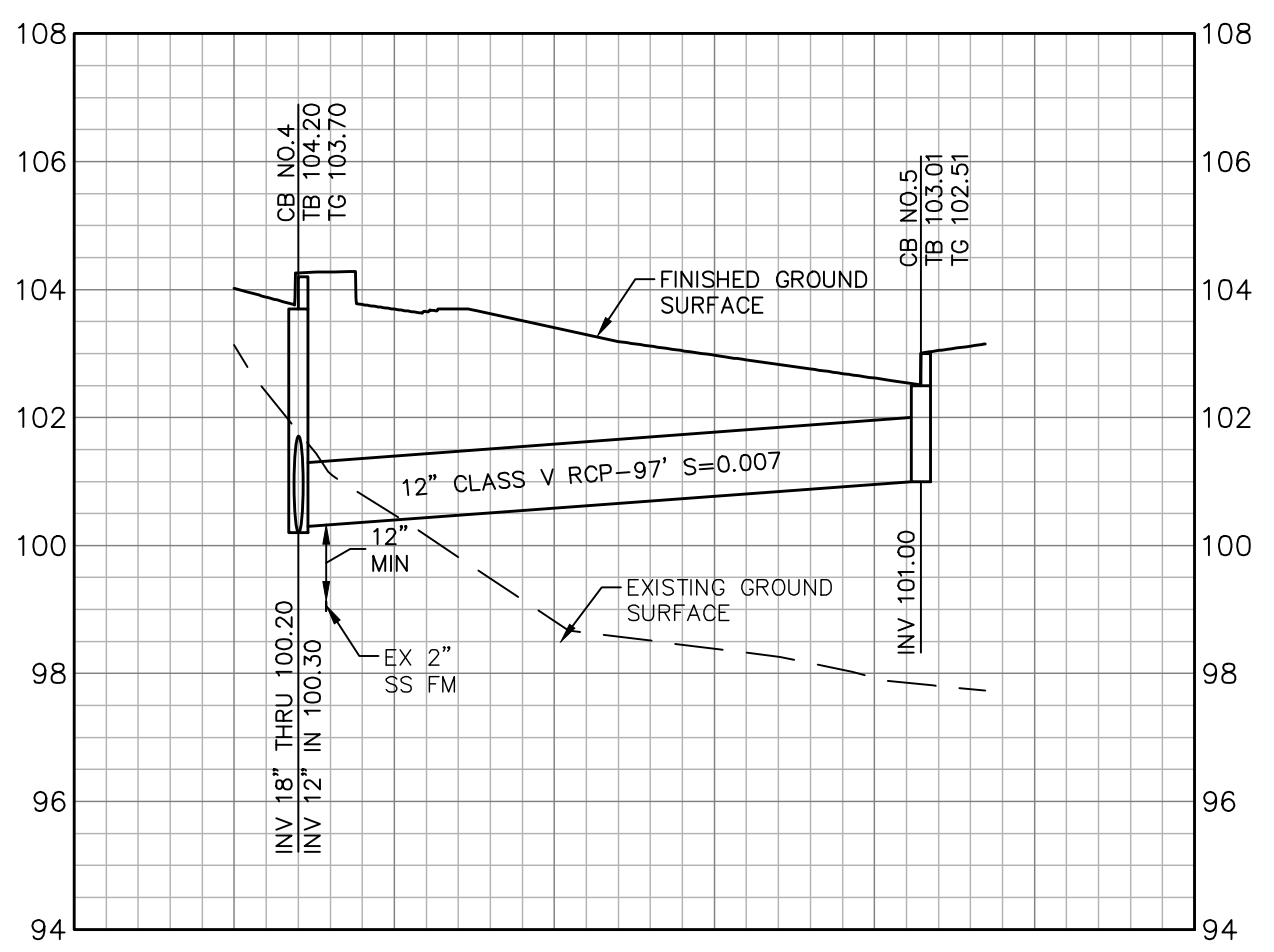
STORM DRAIN PROFILE A-A

SCALE
HORIZONTAL: 1"=30'
VERTICAL: 1"=3'



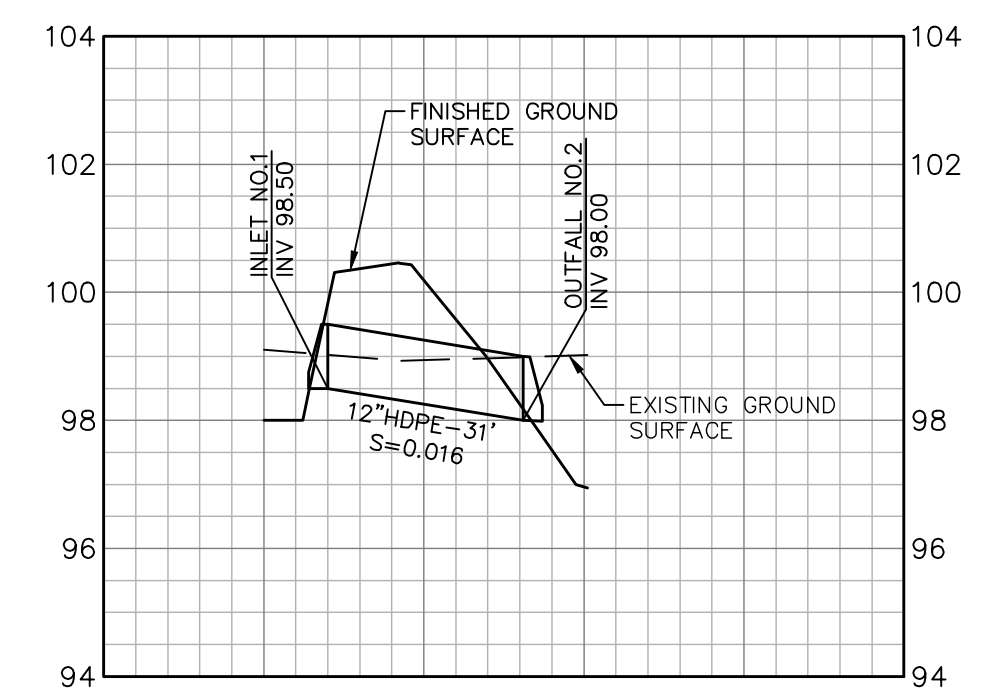
STORM DRAIN PROFILE B-B

SCALE
HORIZONTAL: 1"=30'
VERTICAL: 1"=3'



STORM DRAIN PROFILE C-C

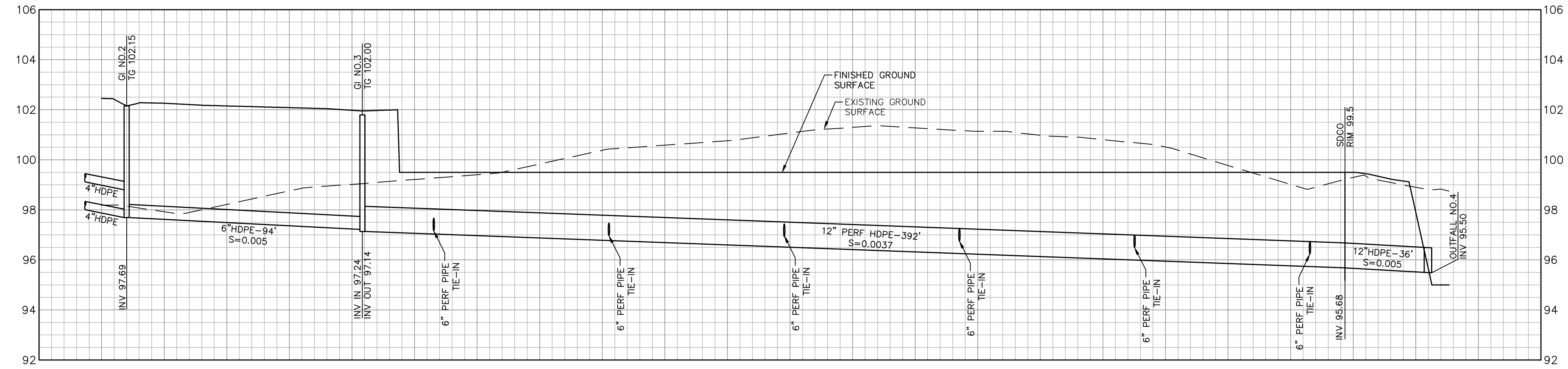
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STORM DRAIN PROFILE E-E

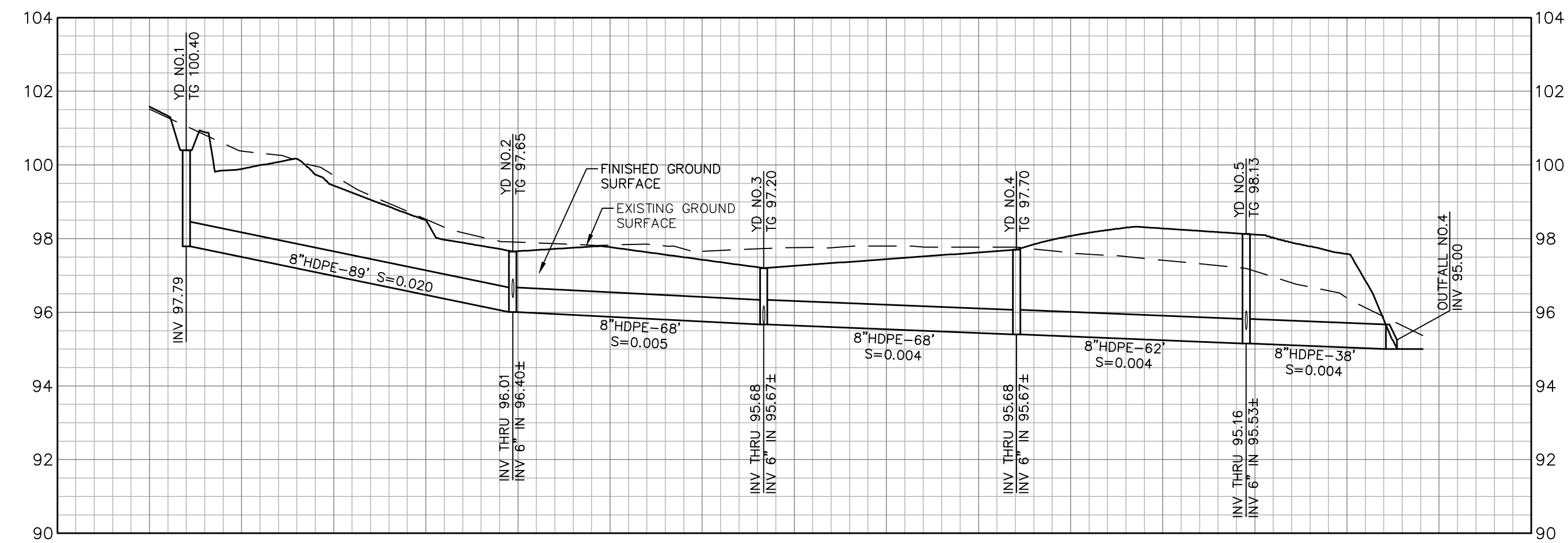
SCALE
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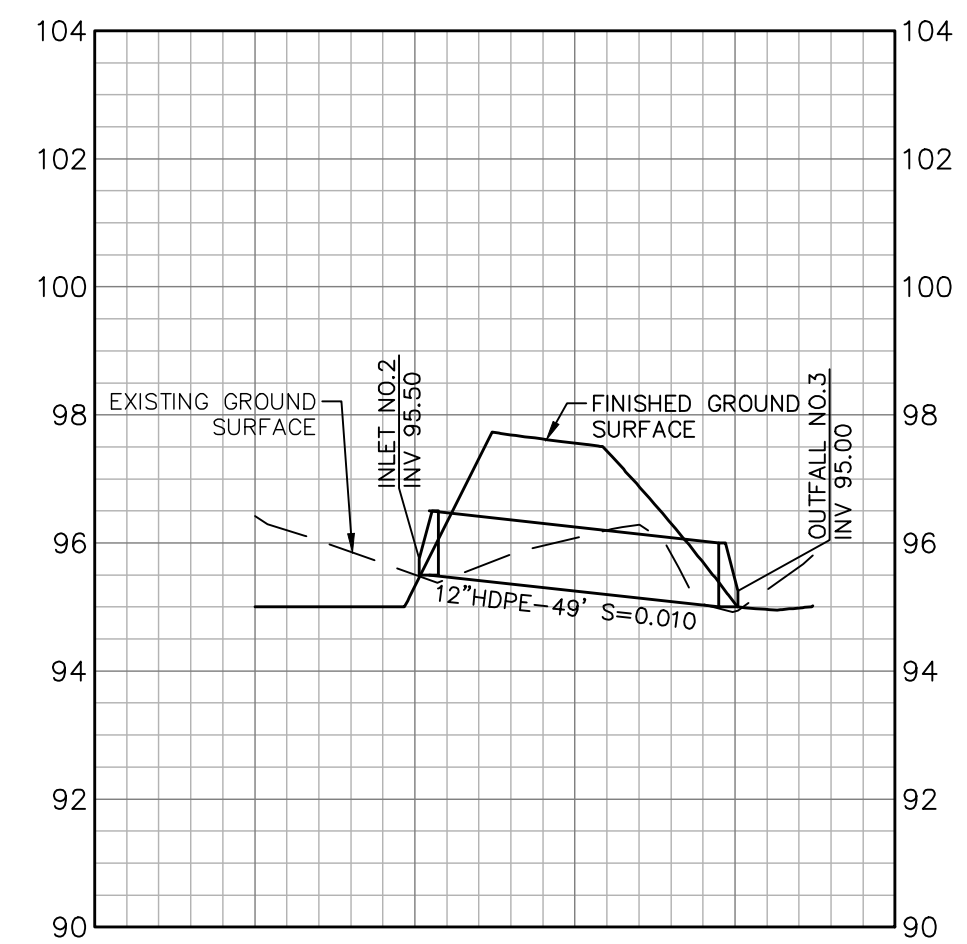
STORM DRAIN PROFILE D-D

SCALE
HORIZONTAL: 1"=30'
VERTICAL: 1"=3'



STORM DRAIN PROFILE F-F

SCALE
HORIZONTAL: 1"=30'
VERTICAL: 1"=3'



STORM DRAIN PROFILE G-G

SCALE
HORIZONTAL: 1"=30'
VERTICAL: 1"=3'

DES: RFC
DRAWN: RFC
CHKD: RFC

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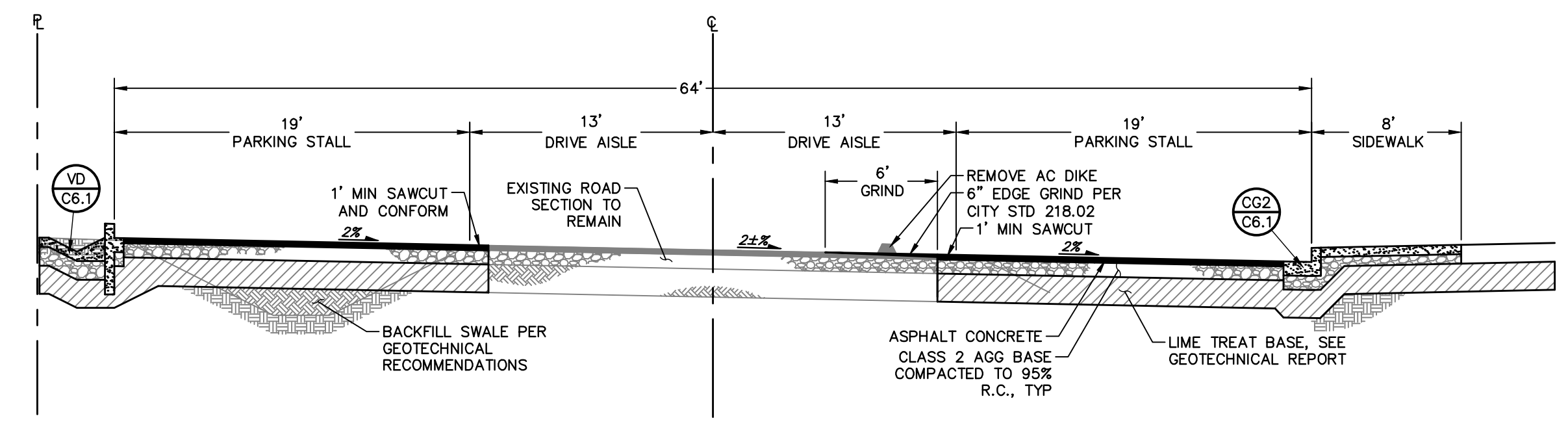
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**PETALUMA COMMUNITY SPORTS FIELDS
BASEBALL DIAMOND
STORM DRAIN PROFILES**
2430 E WASHINGTON ST PETALUMA, CA 94954

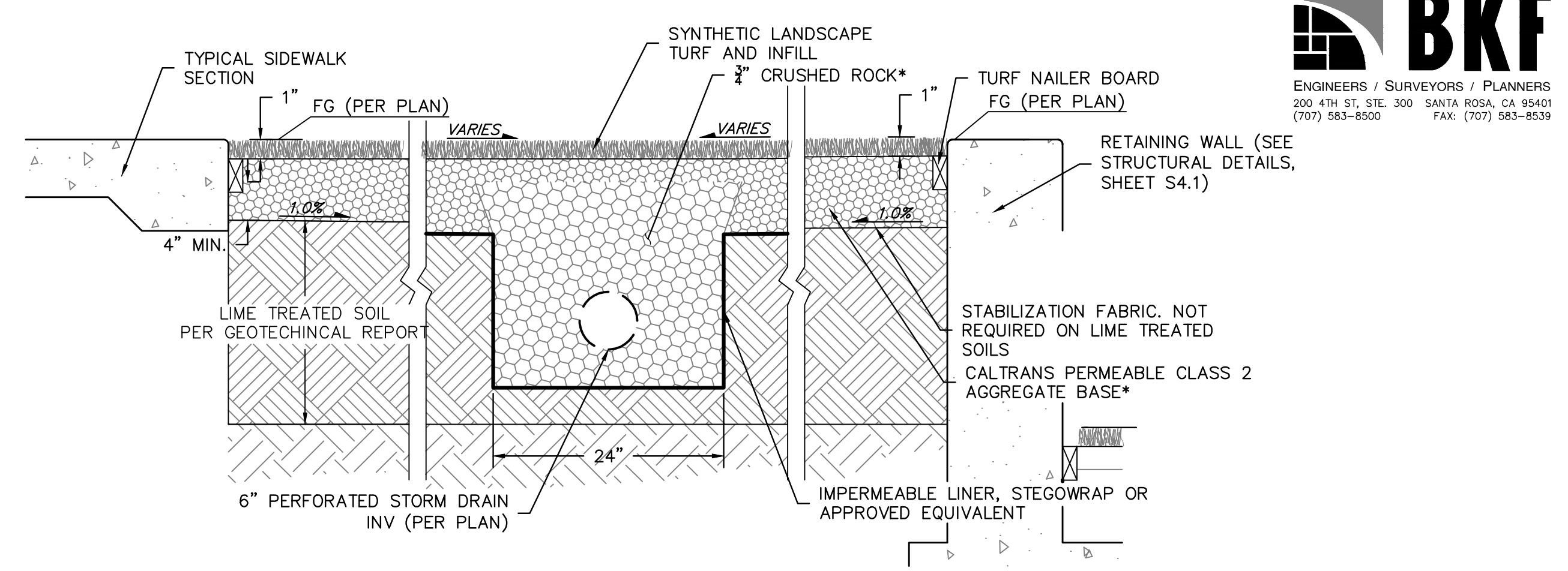
DATE: 4/12/21
FILE NO: 1619 SITE
JOB NO: 1628

SHEET NO:
C4.2
OF 59

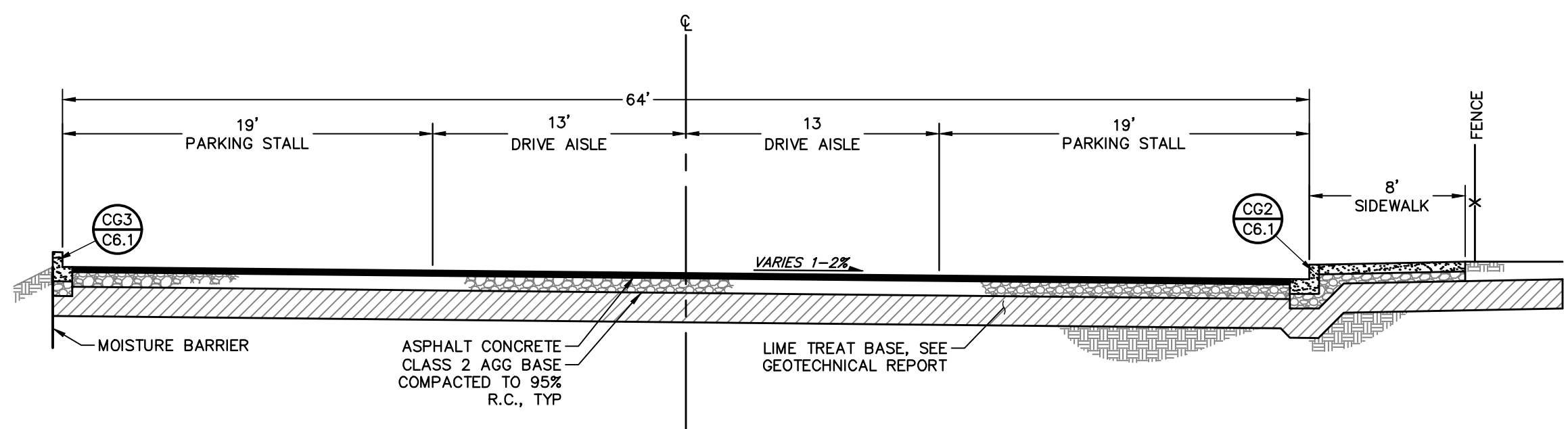




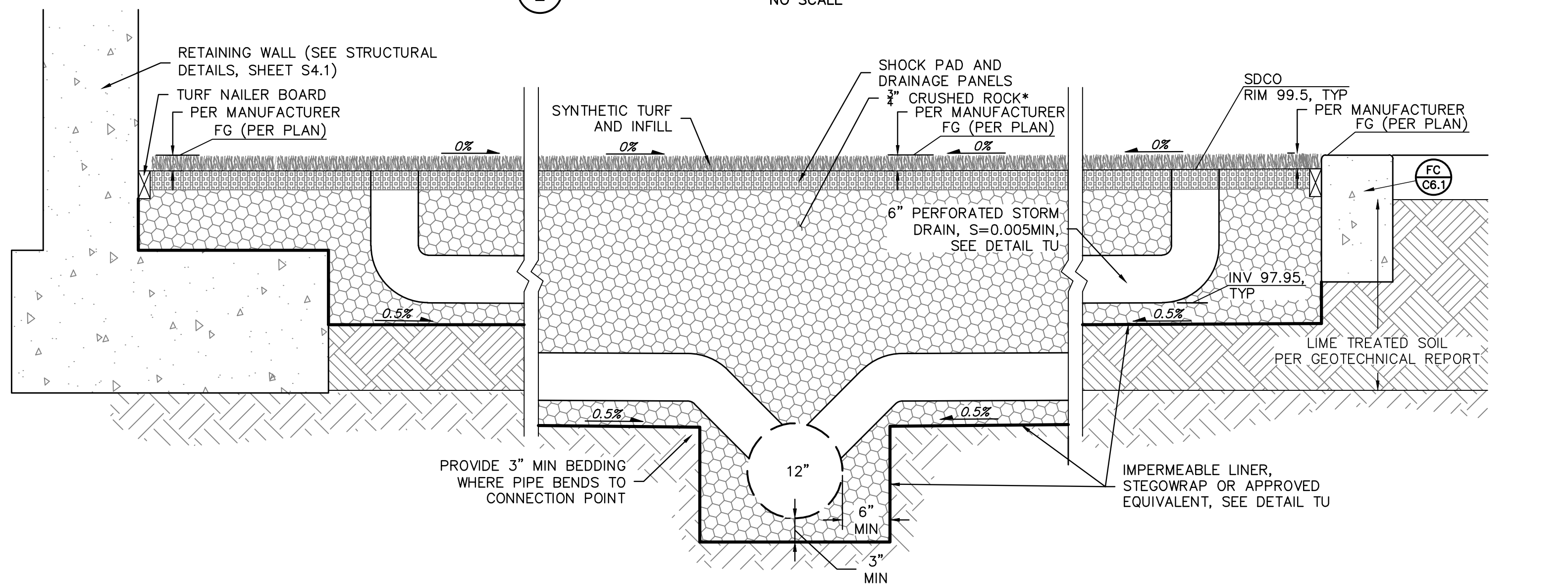
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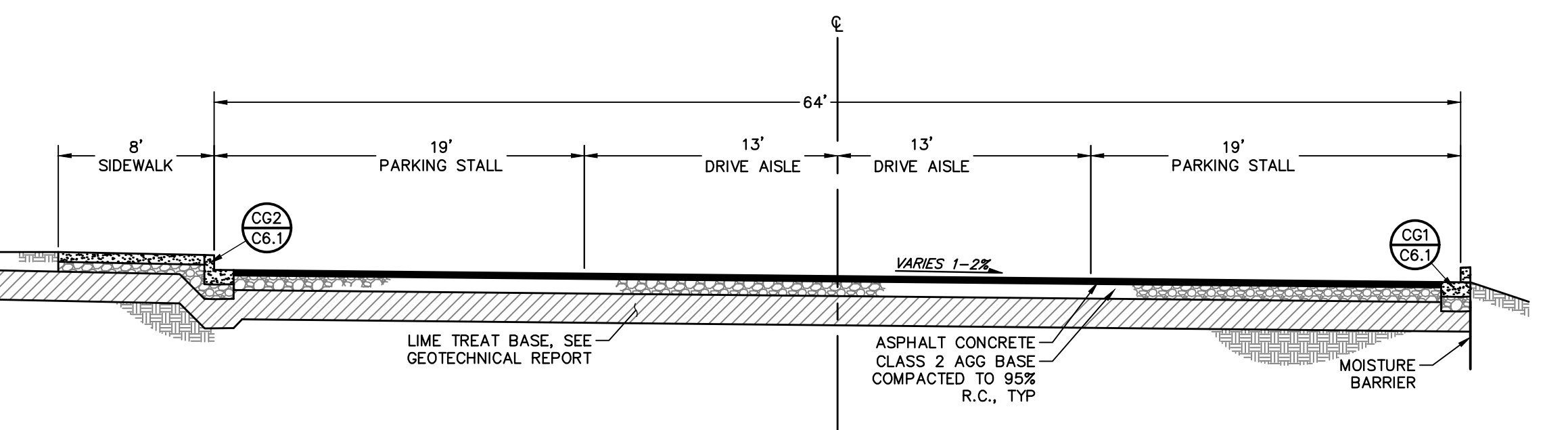
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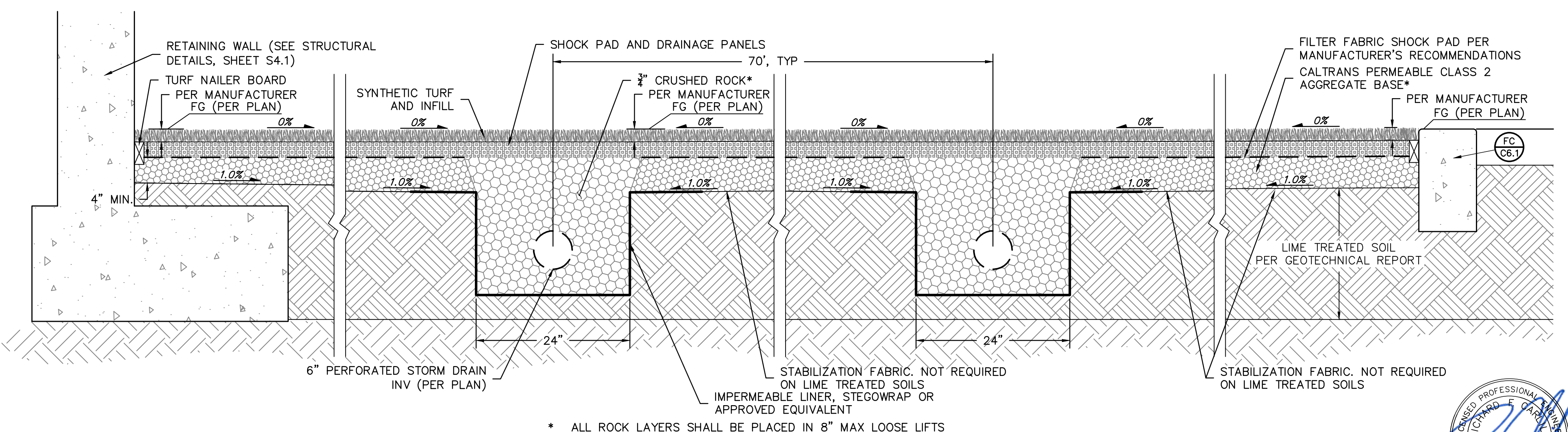
SECTION A-A
SEE SHEET C2.1
NO SCALE



TSC TYPICAL SUBDRAIN COLLECTION SECTION
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SECTION B-B
SEE SHEET C2.1
NO SCALE



TU TYPICAL TURF FIELD SECTION
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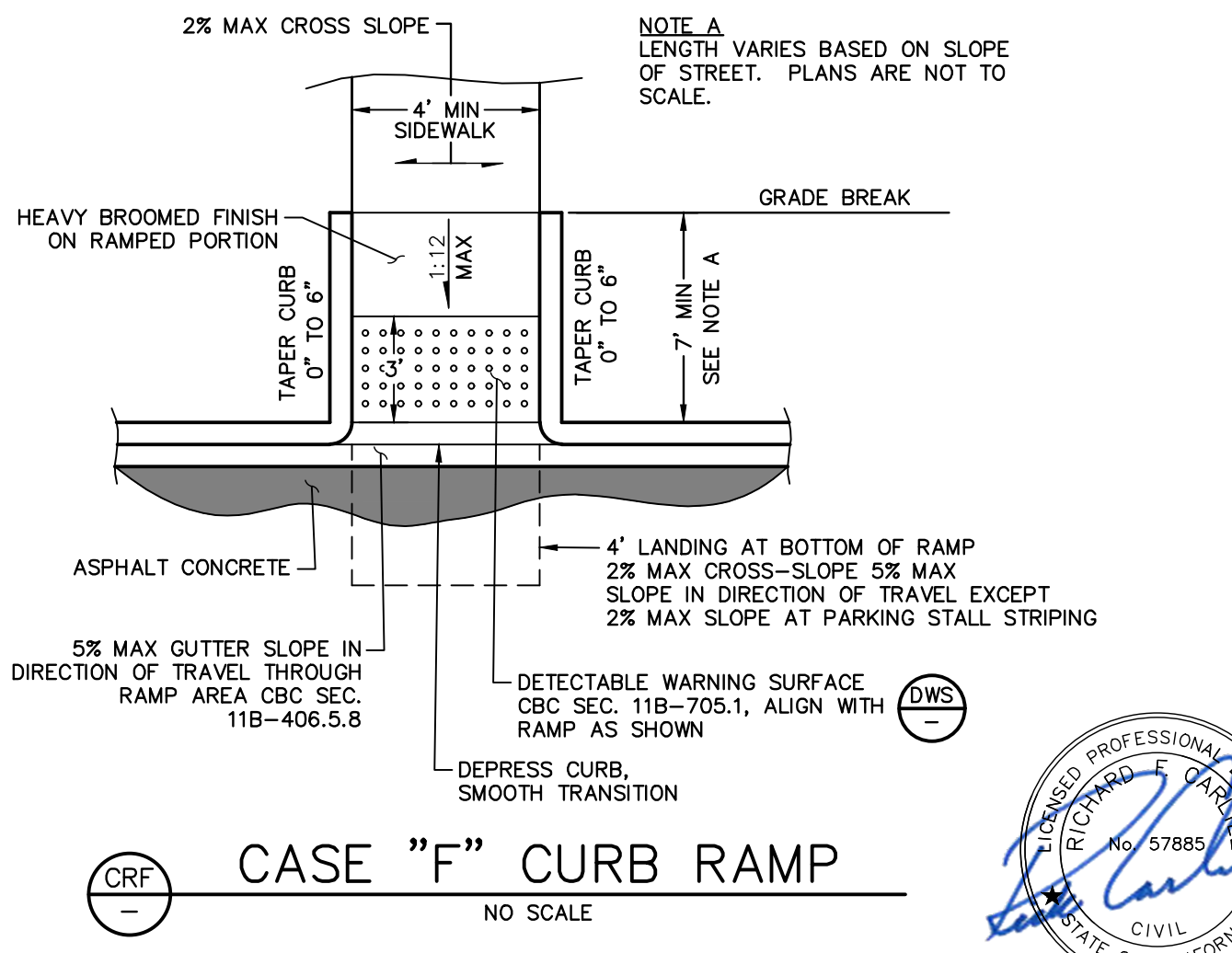
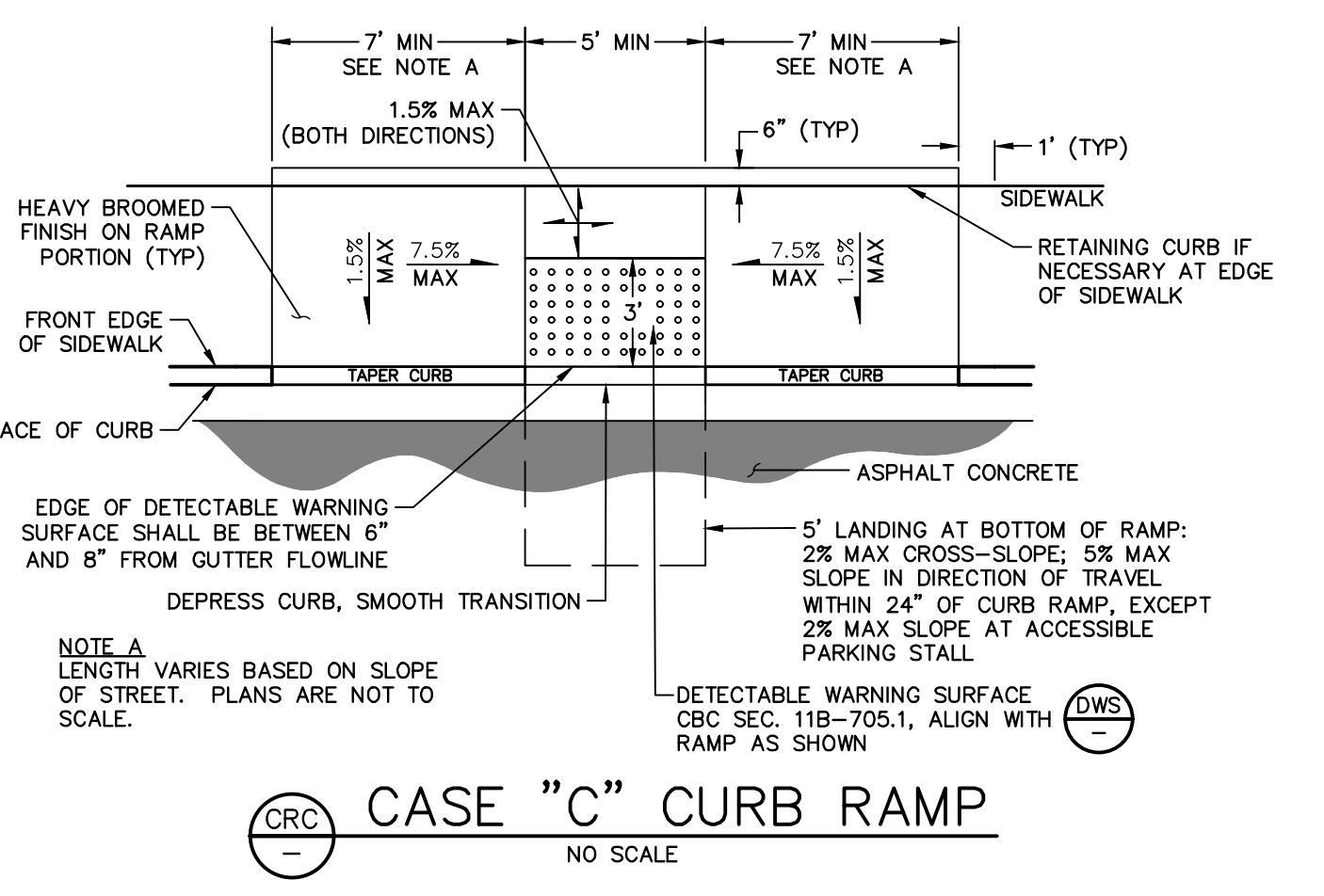
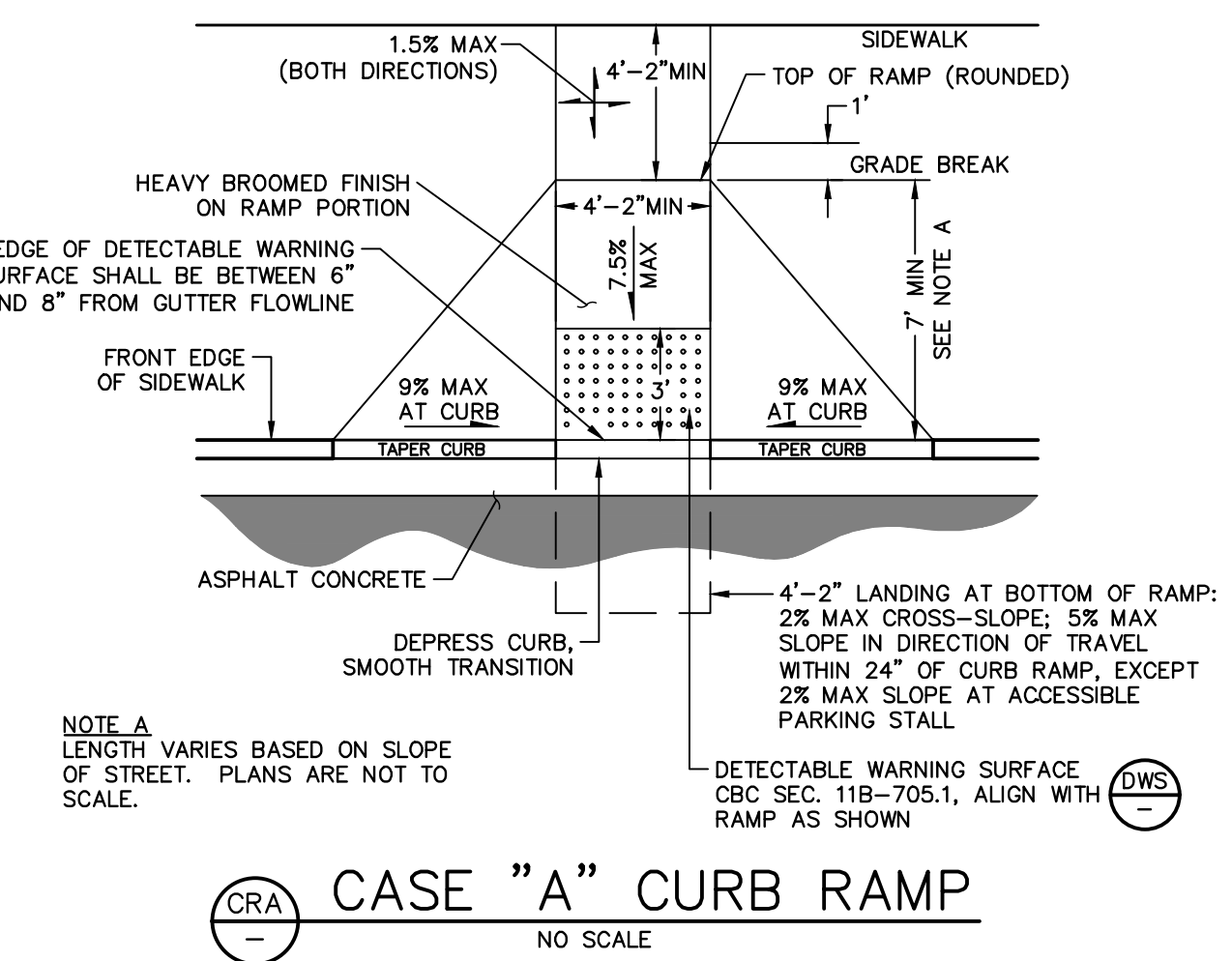
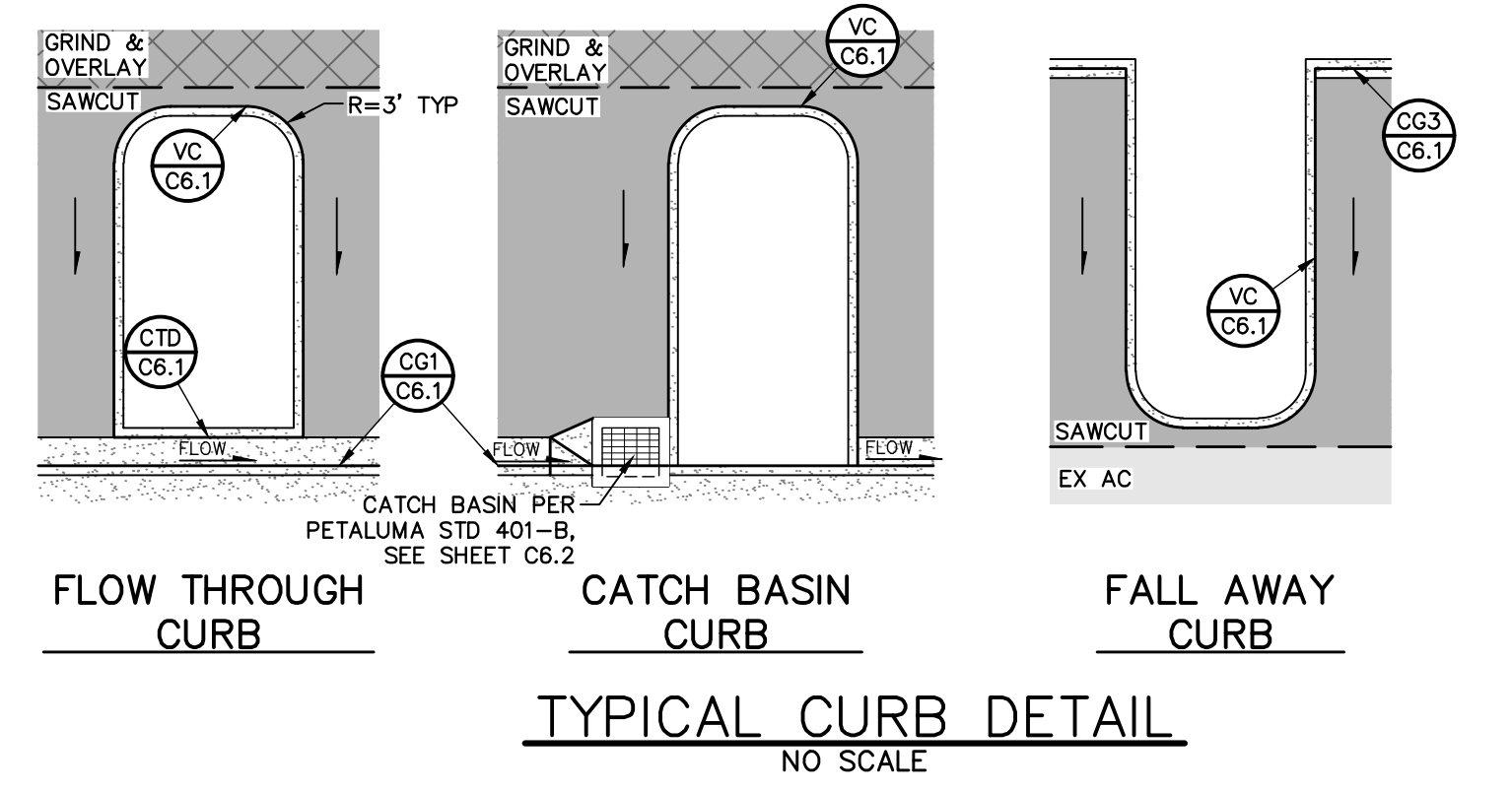
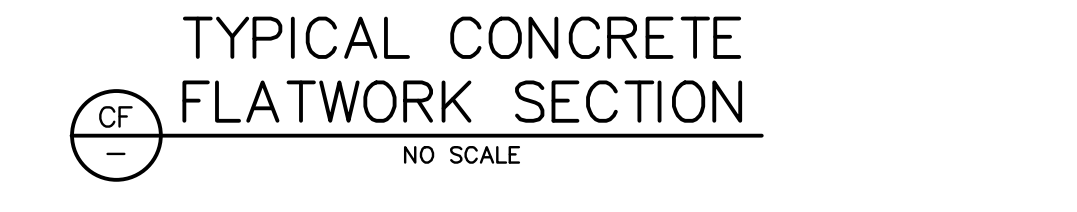
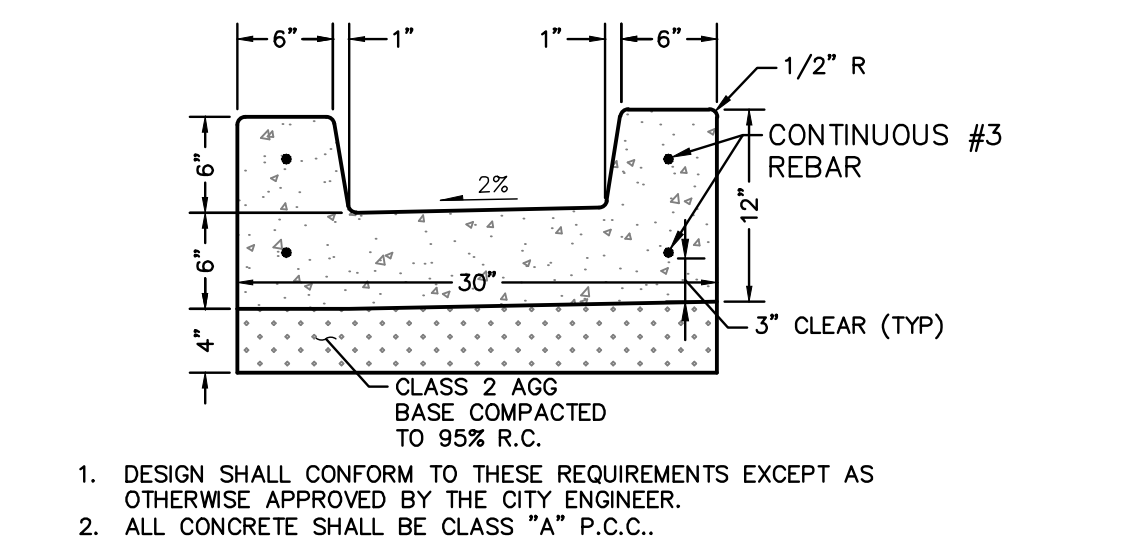
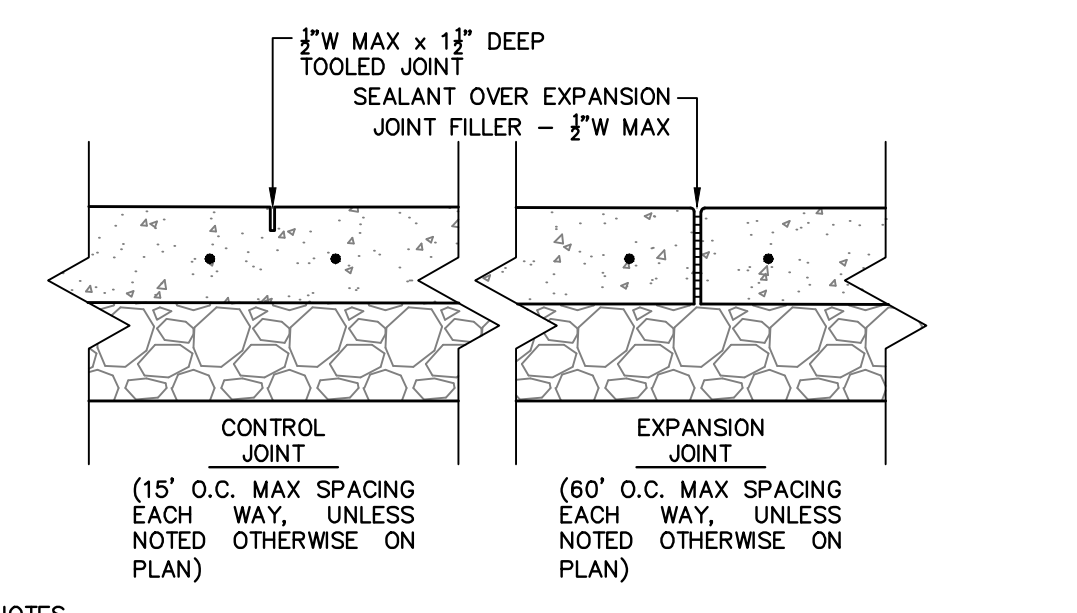
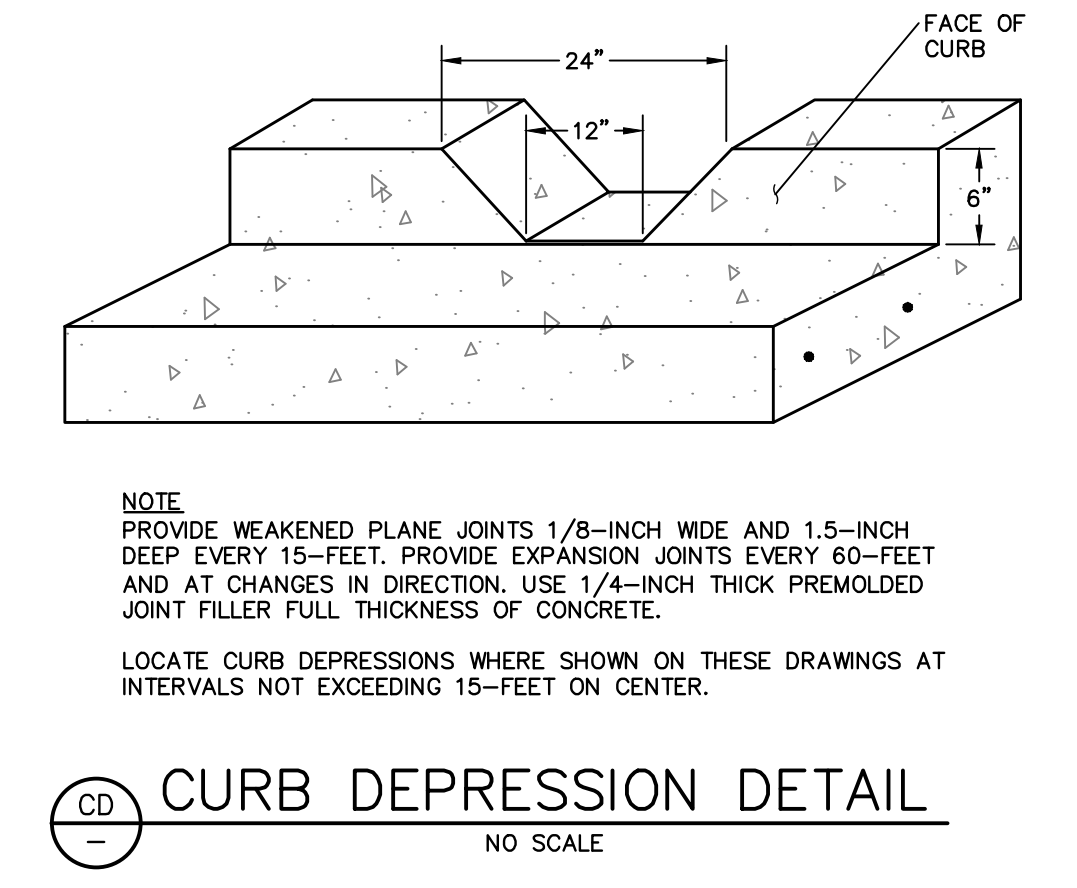
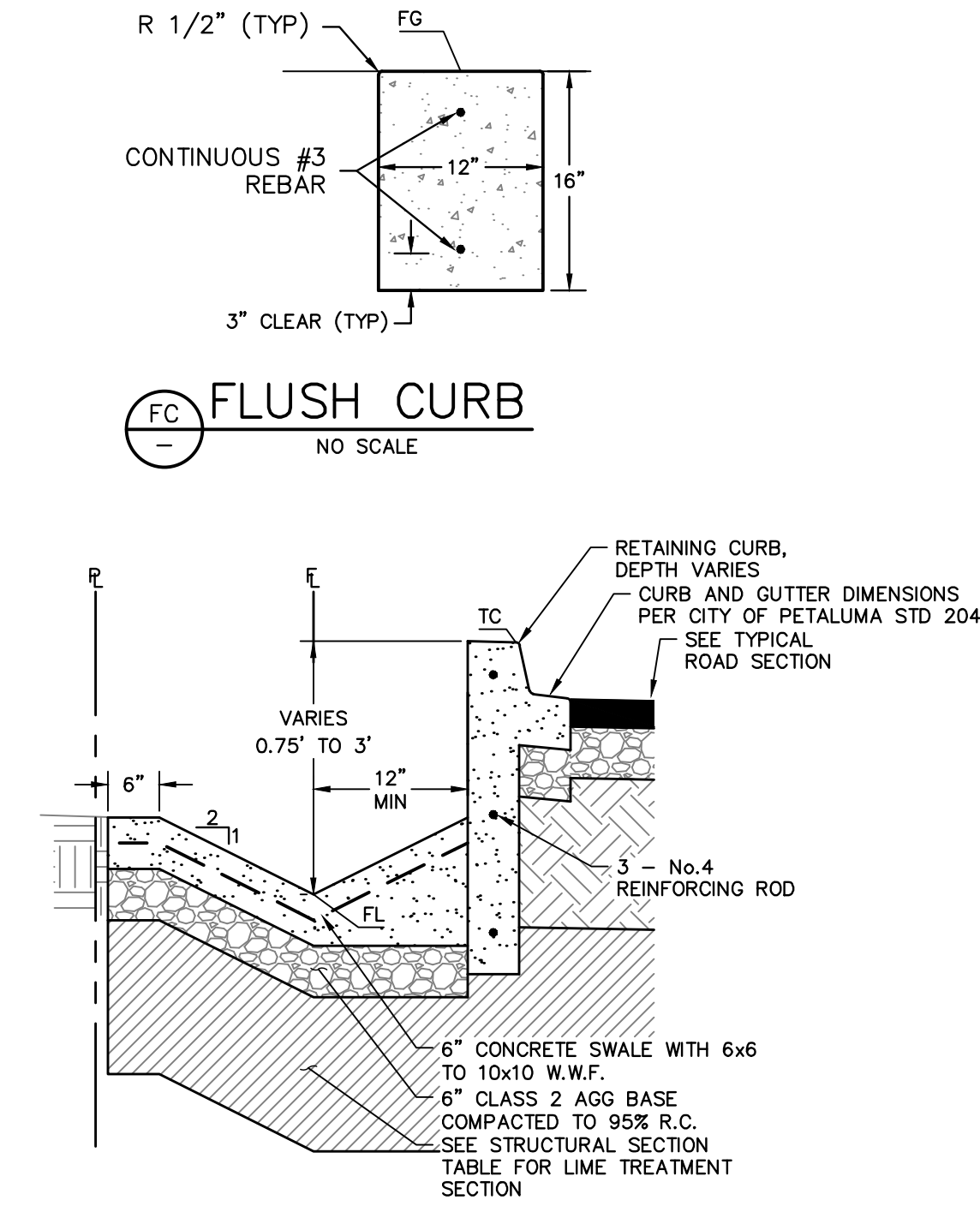
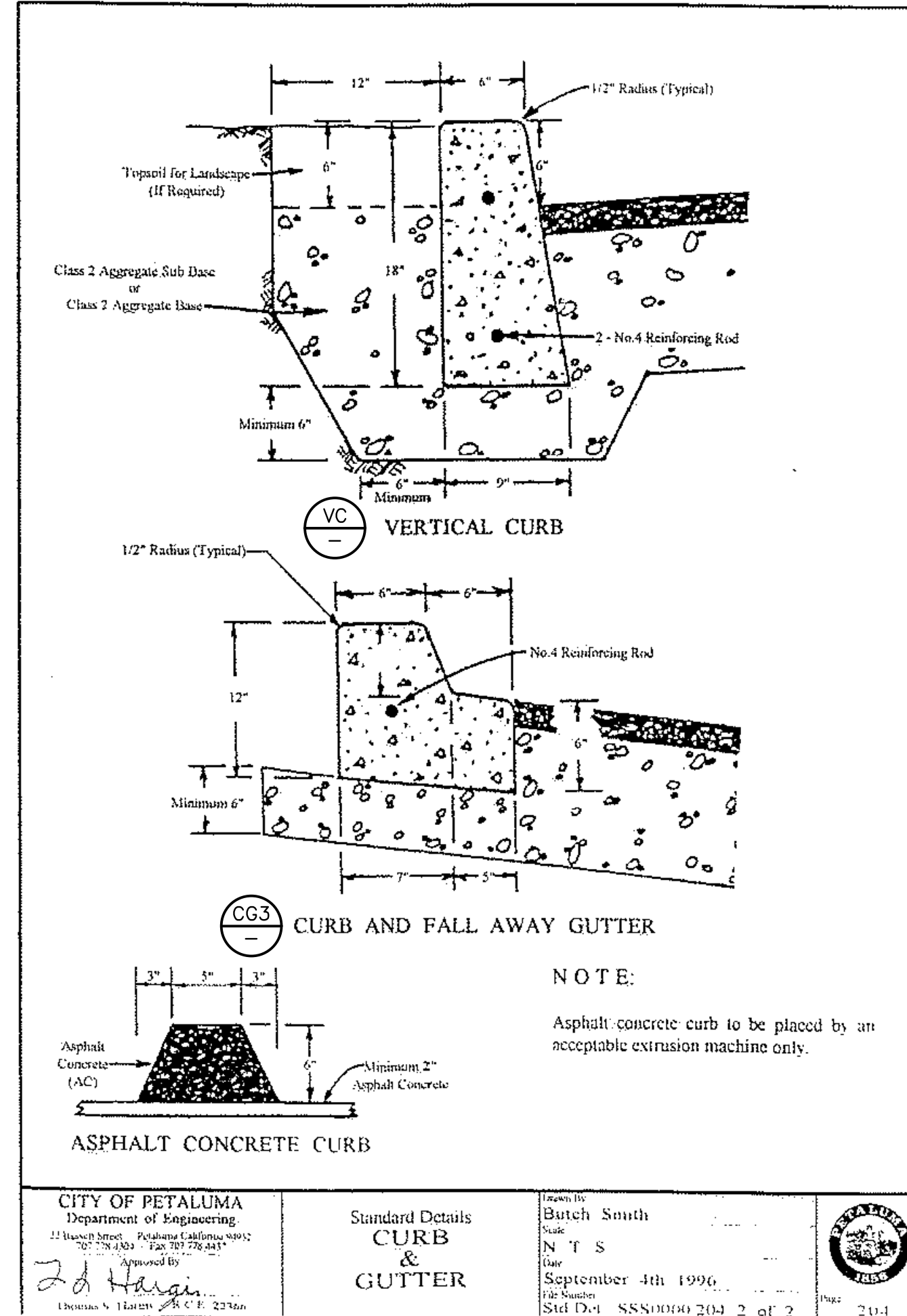
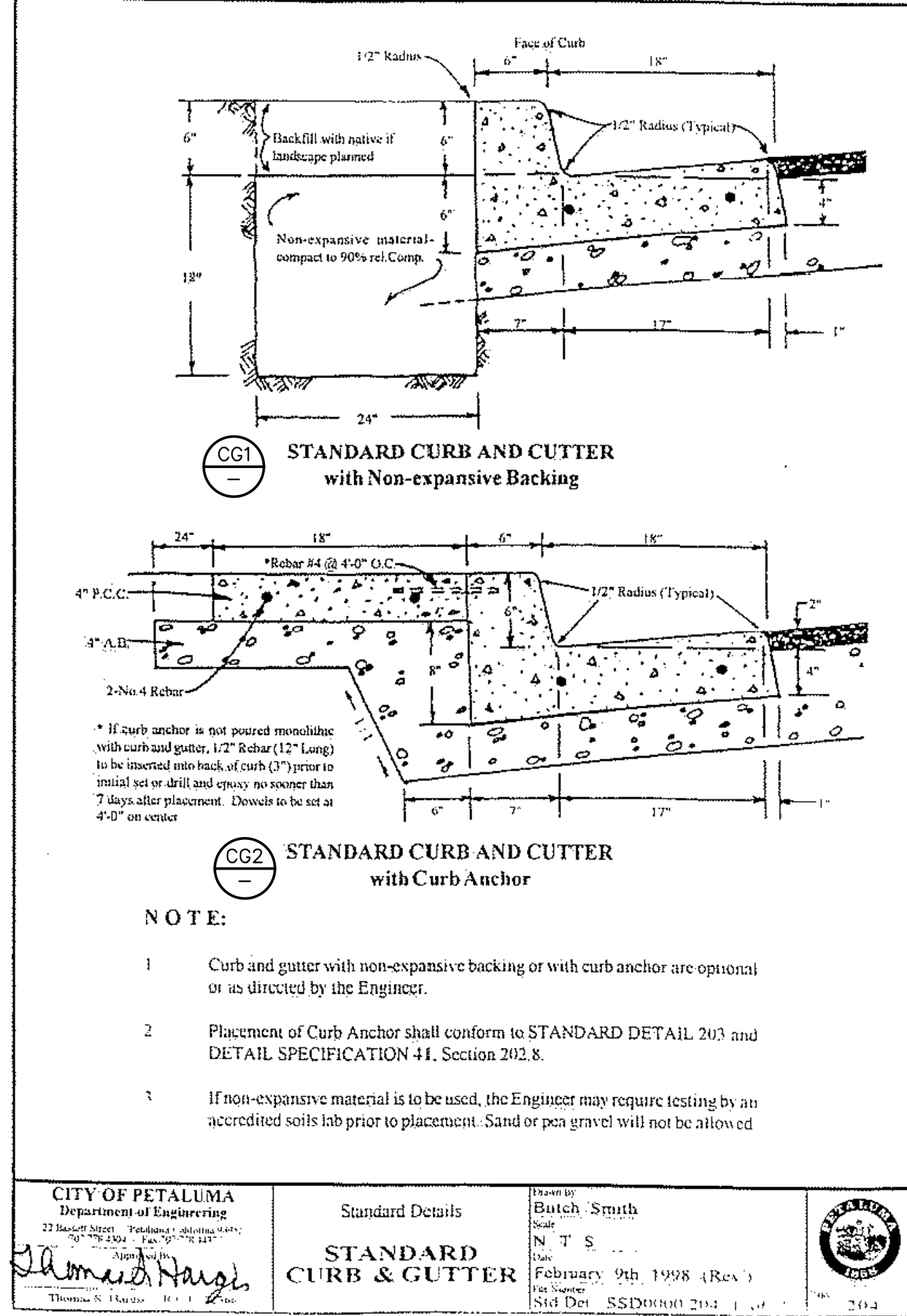
STRUCTURAL SECTION TABLE					
AC AREA	T.I.	R-VALUE	A.C.(IN)	CLASS 2 AB (IN)	LIME TREAT/SELECT FILL* (FT)
PARKING LOT AC	6	40	3.5"	6"	18"
BLEACHER AREA AC	6	40	3.5"	6"	18"
BID ALTERNATE CONCESSION AREA AC	6	40	3.5"	6"	18"

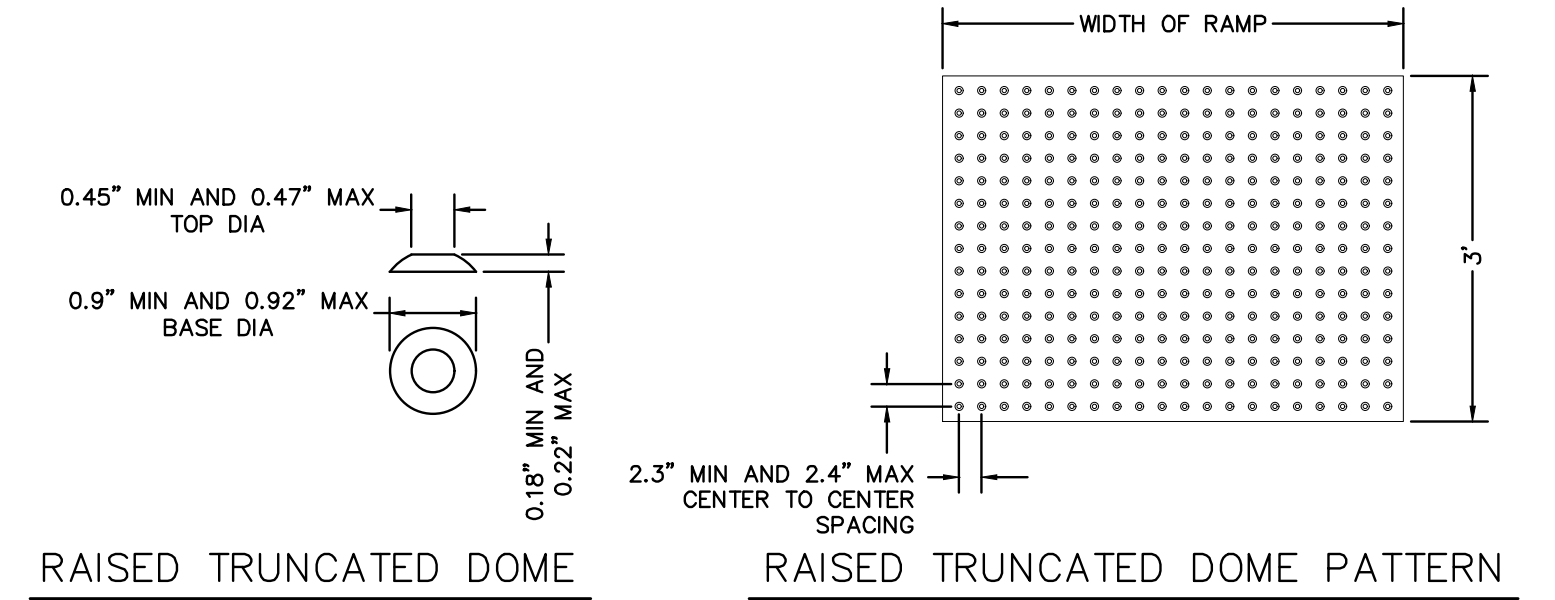
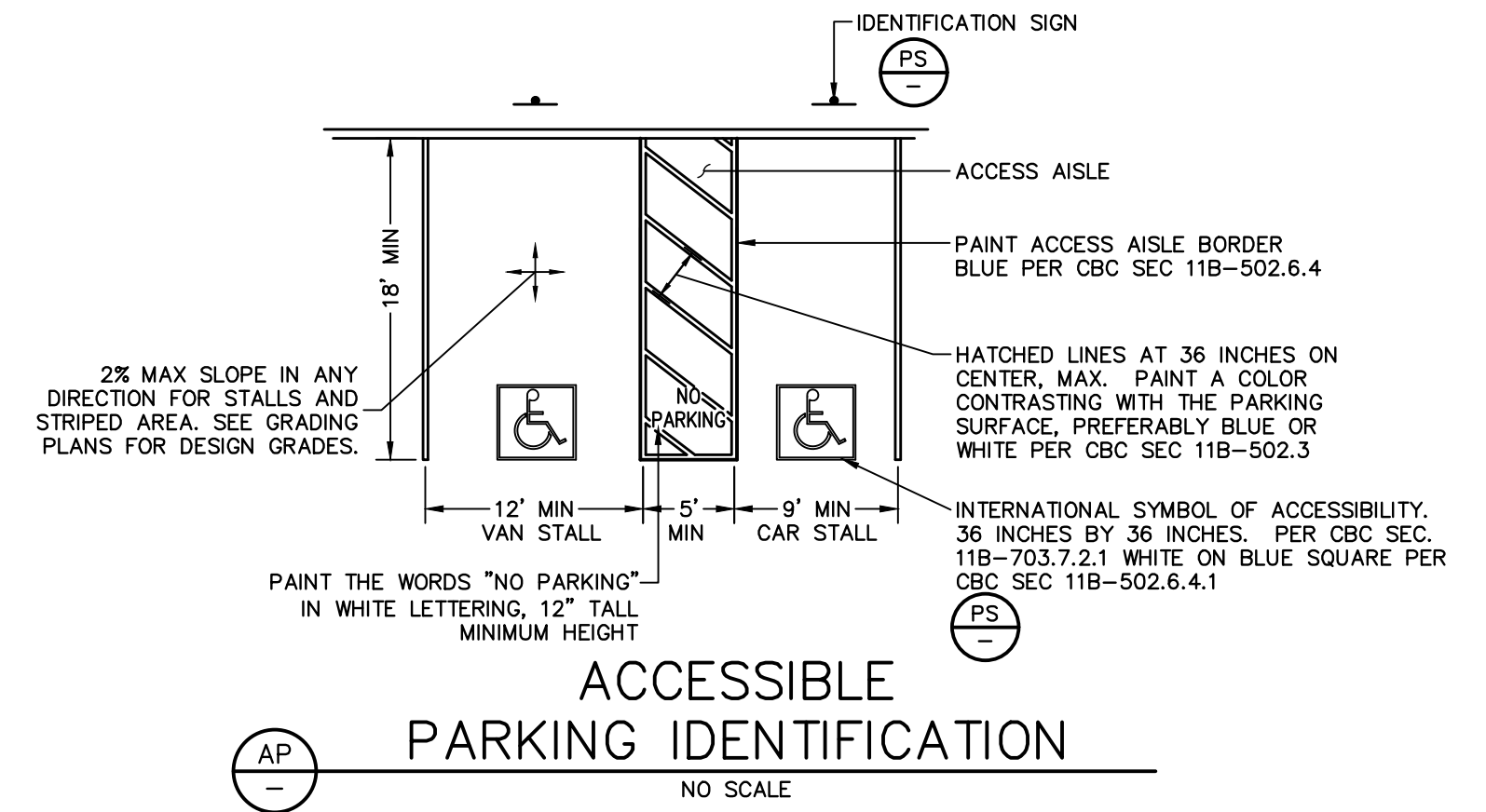
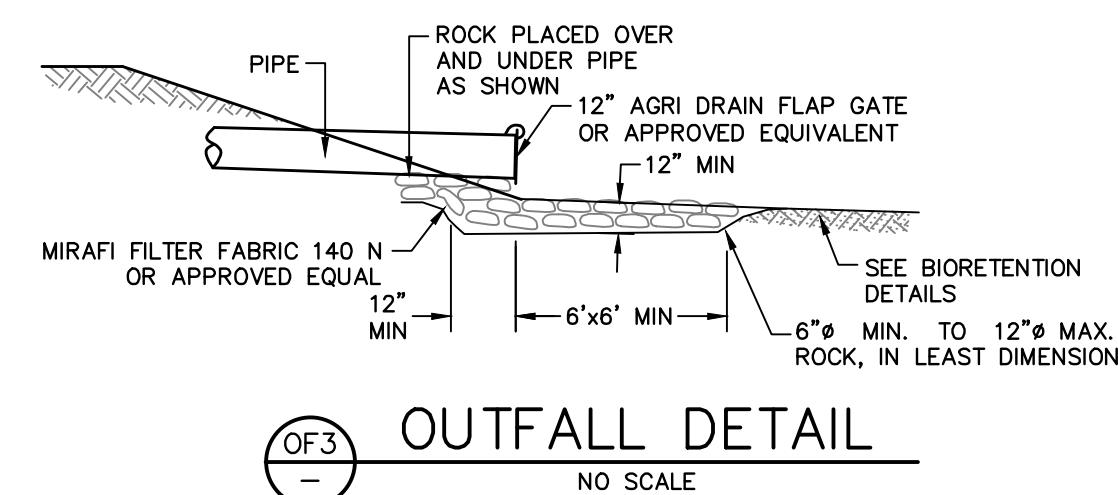
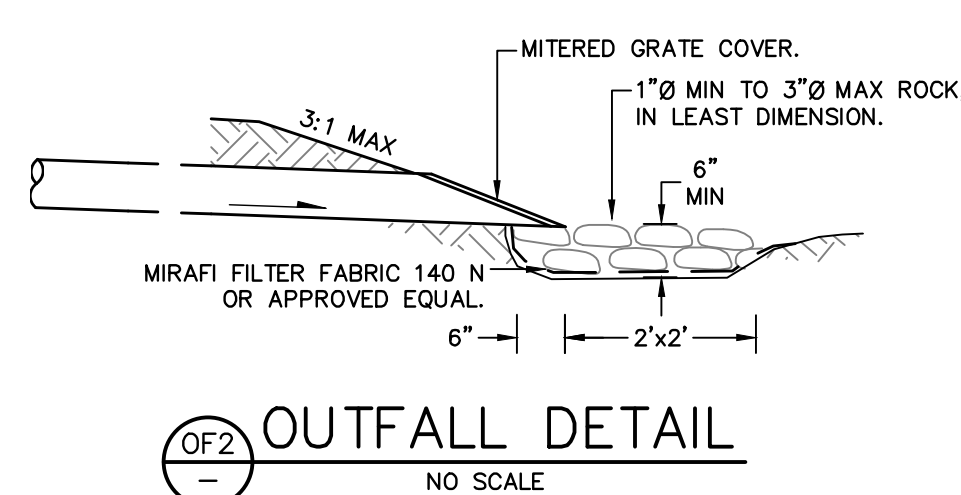
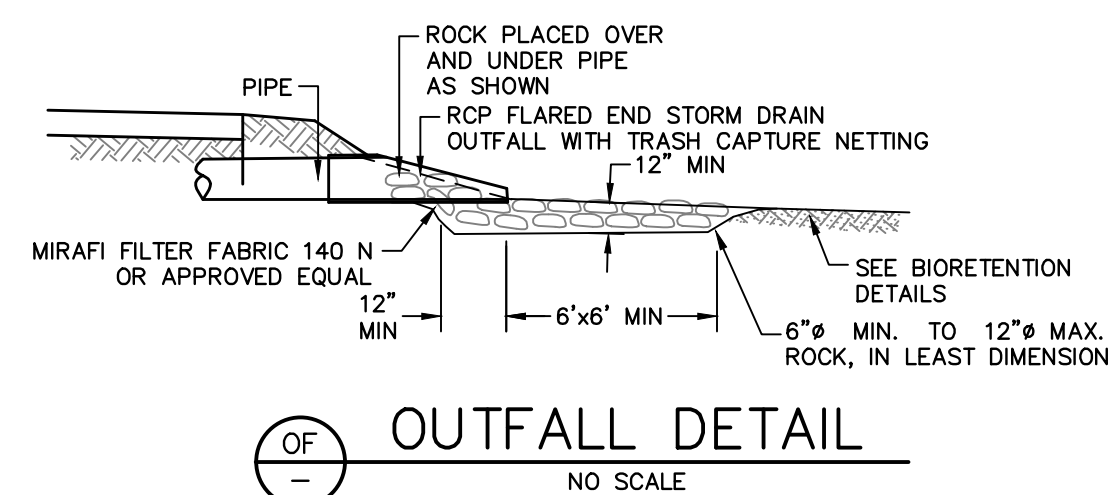
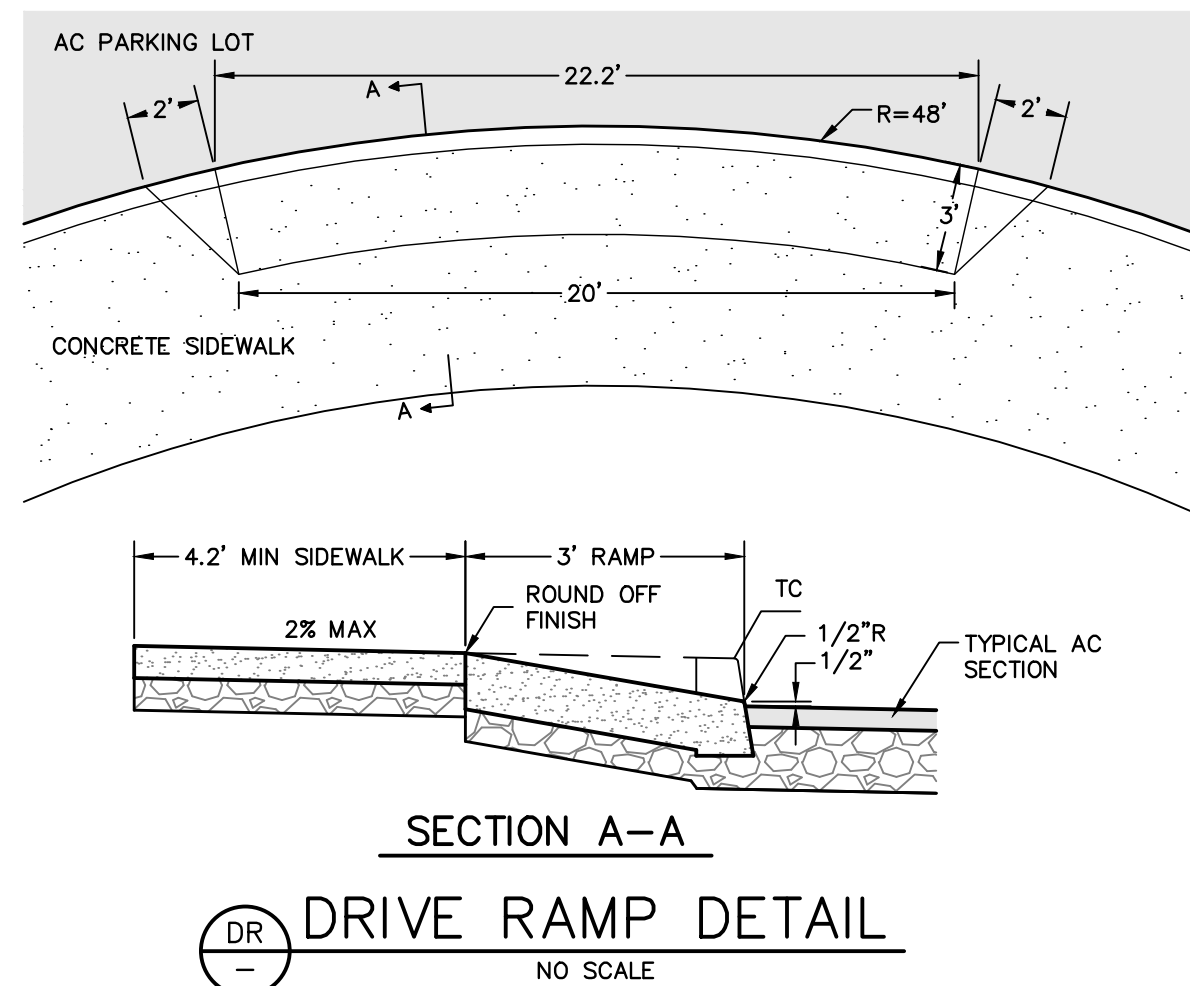
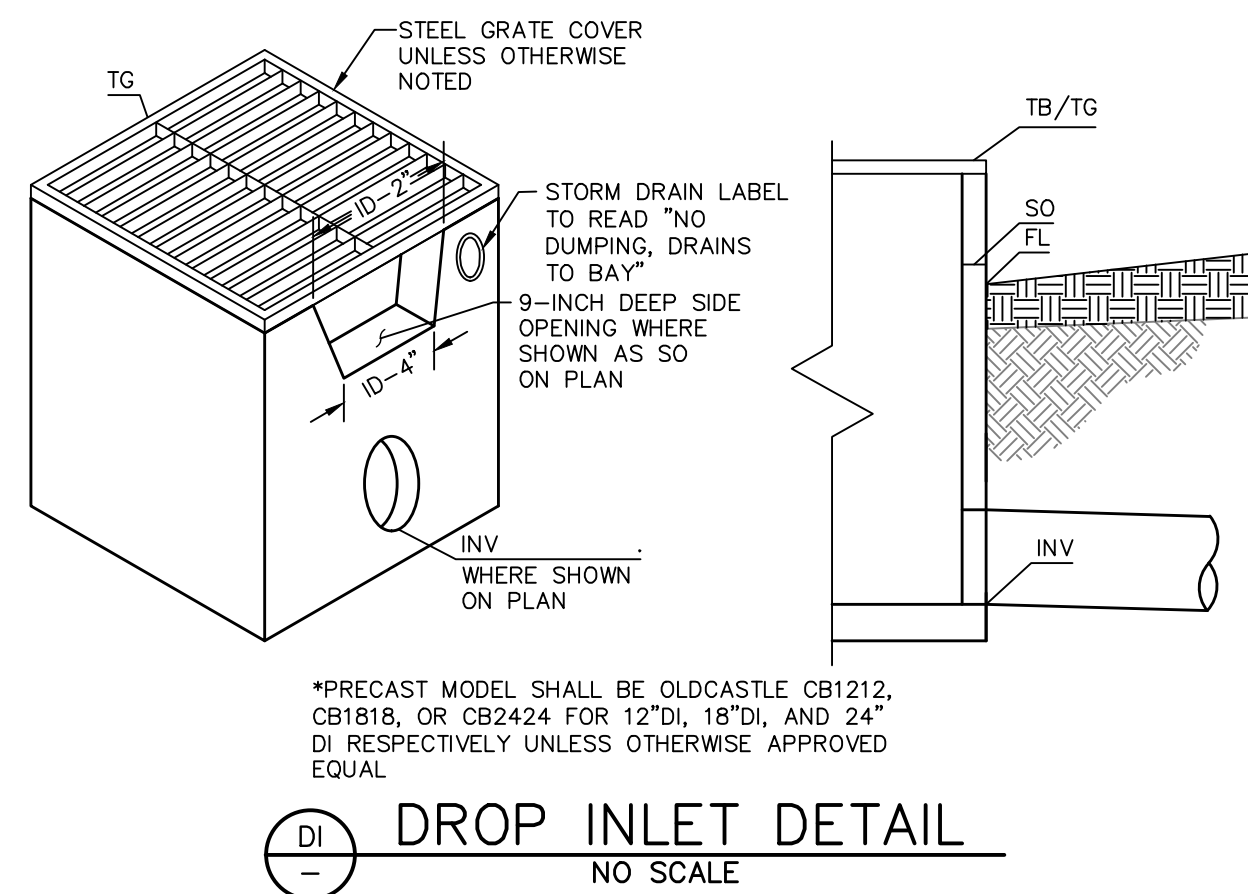
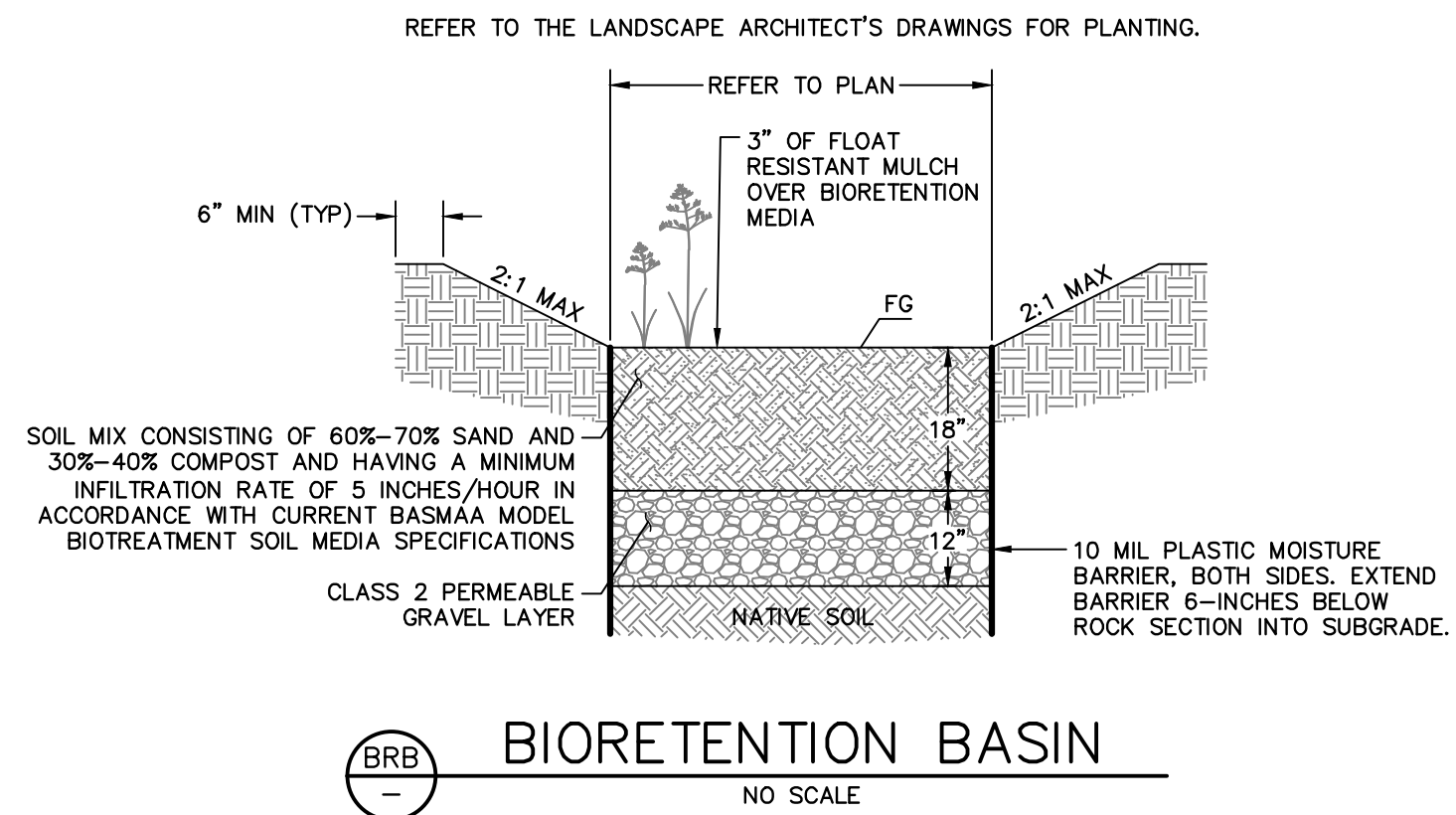
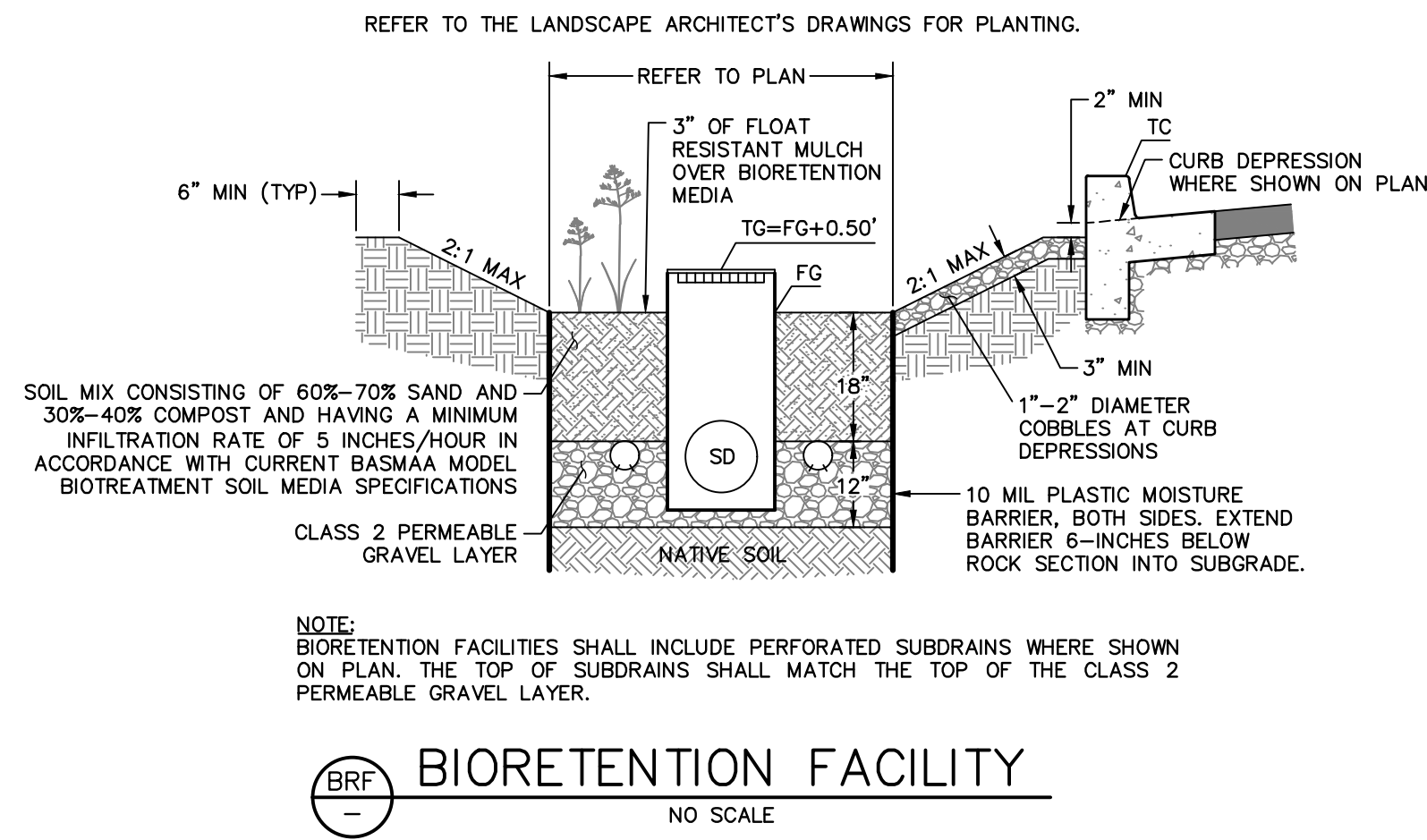
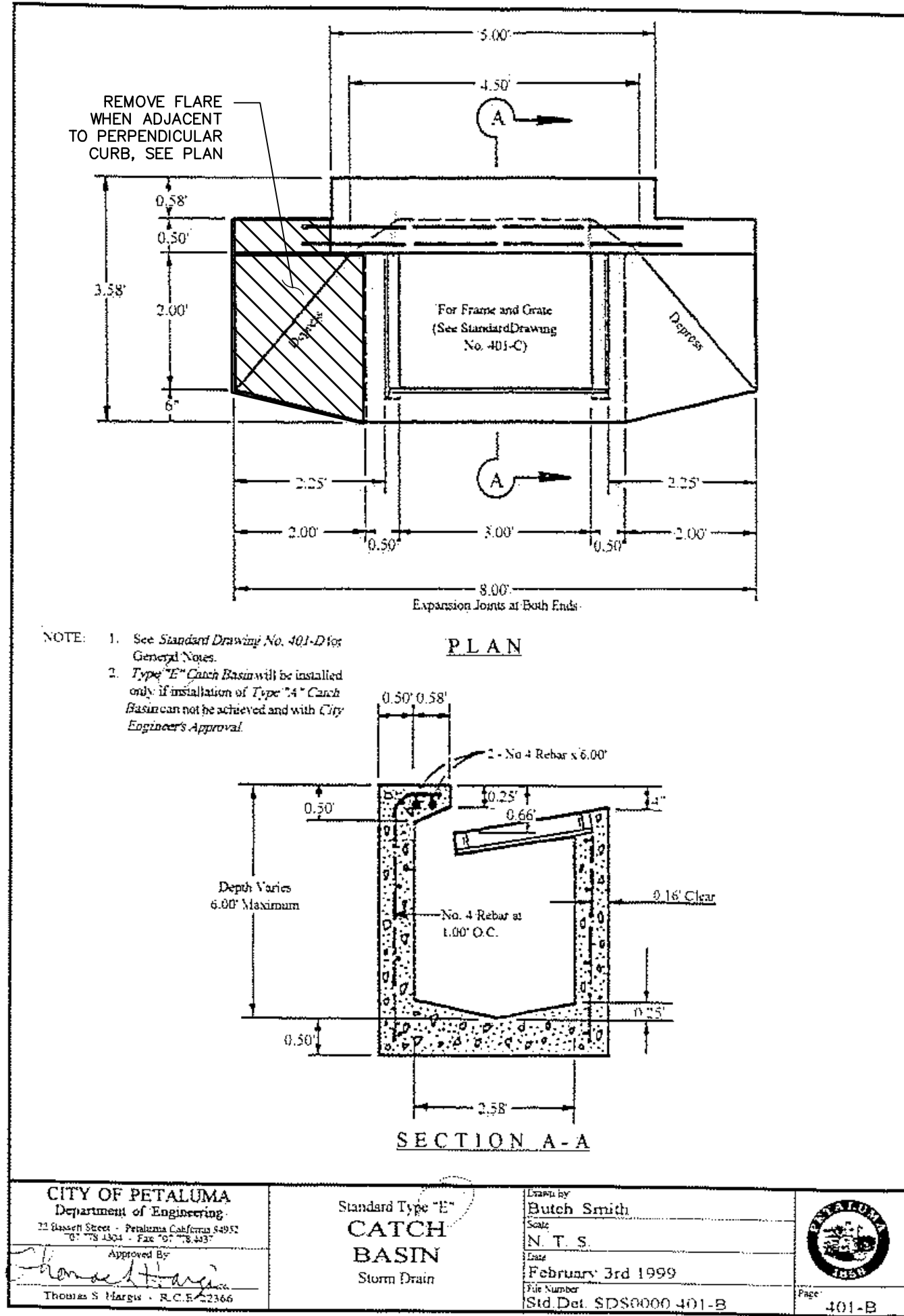
CONTRACTOR SHALL REVIEW THE GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT TO CONFIRM THESE CONDITIONS AND TO REVIEW SAID REPORT FOR SITE PREPARATION AND GRADING RECOMMENDATIONS.

*LIME TREATMENT/SELECT FILL SHALL BE IN ACCORDANCE WITH GEOTECHNICAL REPORT.

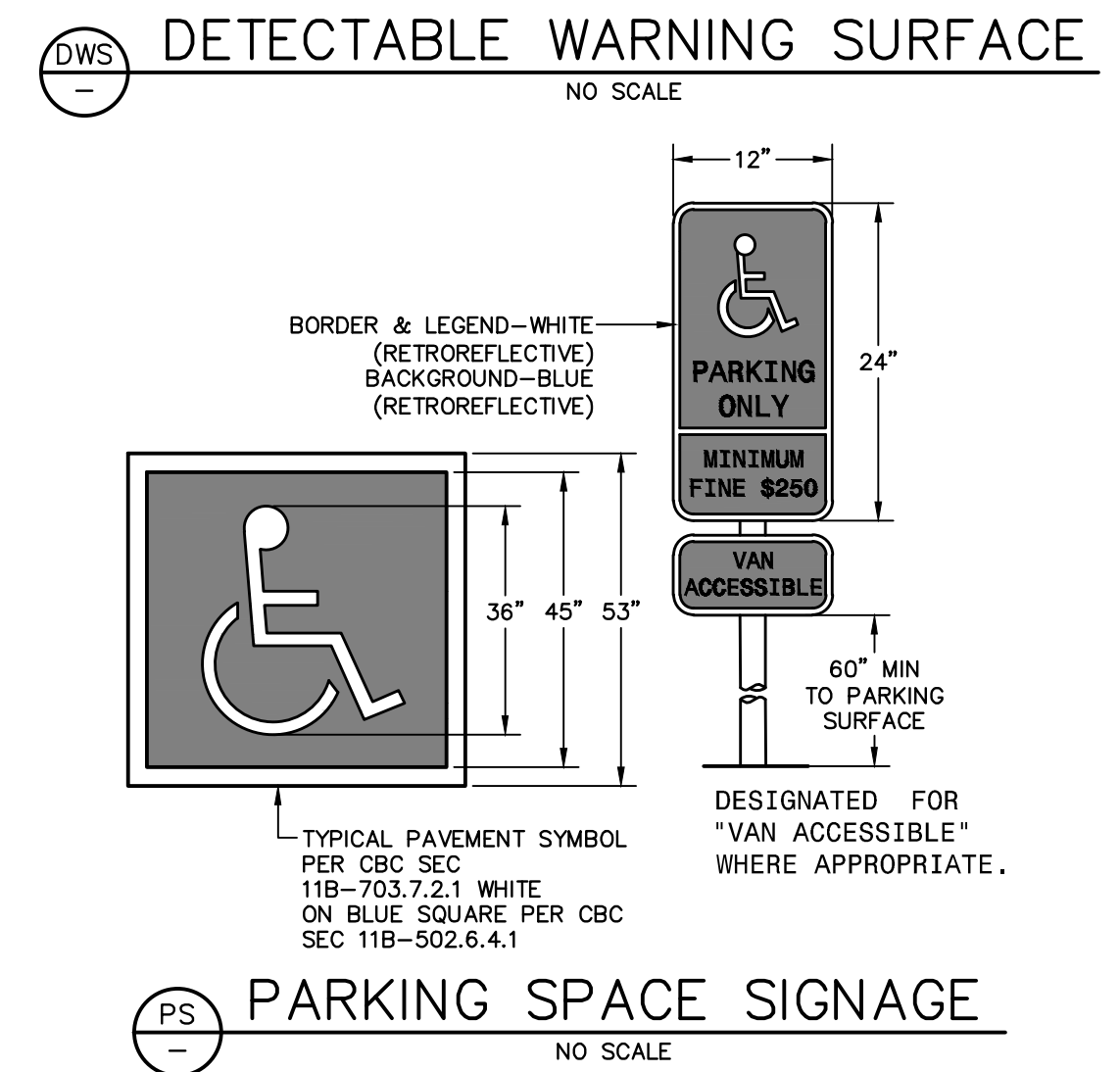
MATERIALS TABLE				
SURFACE TYPE	LOCATION	CONCRETE SECTION (IN)	CLASS 2 AB (IN)	NOTE
REINFORCED CONCRETE	VEHICULAR AREAS	7	6	1
REINFORCED CONCRETE	SIDEWALKS ADJACENT TO DRIVE AREAS	SEE DETAIL CG2, SHEET C6.1		
REINFORCED CONCRETE	WALKWAYS, NON-VEHICULAR CONCRETE FLATWORK AREAS	4	4	2

- NOTES:
- PROVIDE #3 BARS AT 18-INCH ON CENTER AND EXPANSION JOINTS IN ACCORDANCE WITH THE CALTRANS STANDARD SPECIFICATIONS. CONCRETE TO HAVE BROOMED FINISH.
 - PROVIDE POLYPROPYLENE FIBER REINFORCEMENT: 3.0 LBS/CY (0.02 BY VOLUME), 1 1/2" MINIMUM LENGTH.





- NOTES:**
- DETECTABLE WARNING SURFACE SHALL MEET SPECIFICATIONS PER CBC 11B-705.1
 - TRUNCATED DOMES SHALL ALIGN WITH THE RAMP IN THE DIRECTION OF TRAVEL.
 - AT CURB RAMPS, FRONT EDGE OF DETECTABLE WARNING SURFACE SHALL BE BETWEEN 6 AND 8 INCHES OF FACE OF CURB.
 - DETECTABLE WARNING SURFACE SHALL BE YELLOW CONFORMING TO FS 33538 OF FEDERAL STANDARD 595C.



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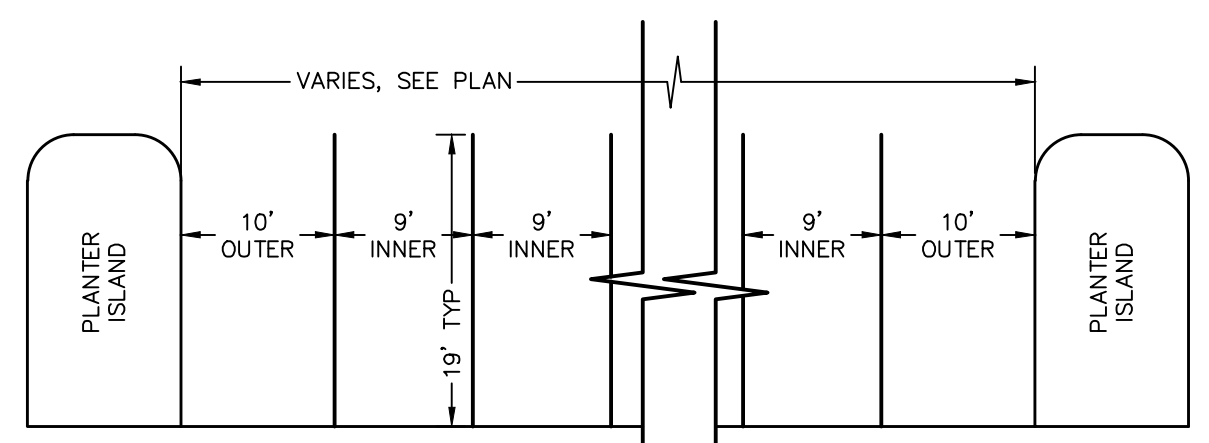
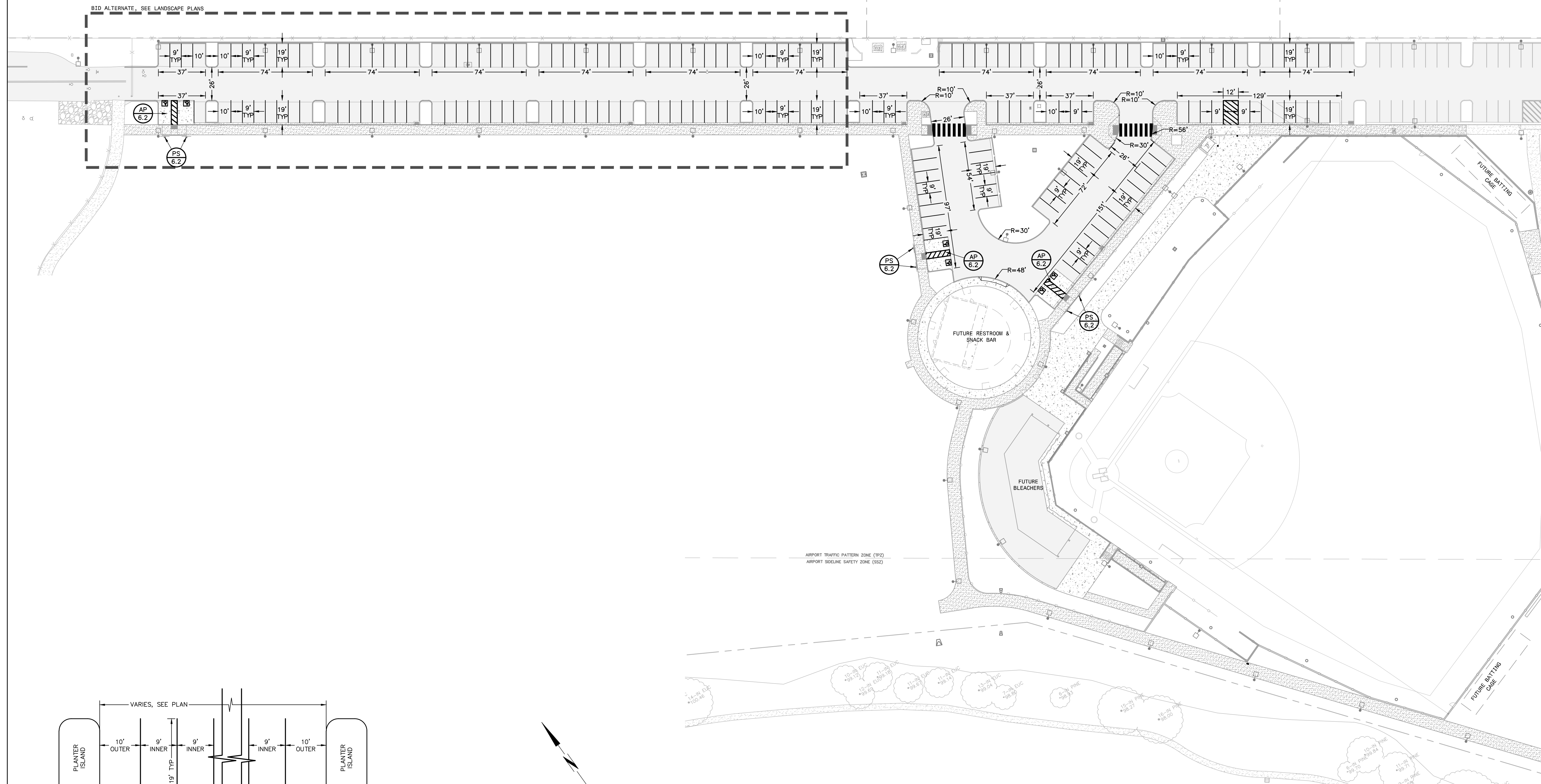
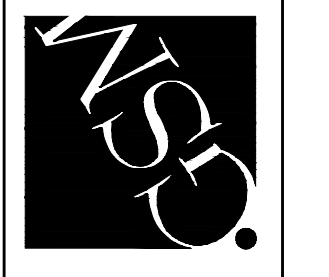
RICHARD J. CARROLL
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STATE OF CALIFORNIA
4-8-2021

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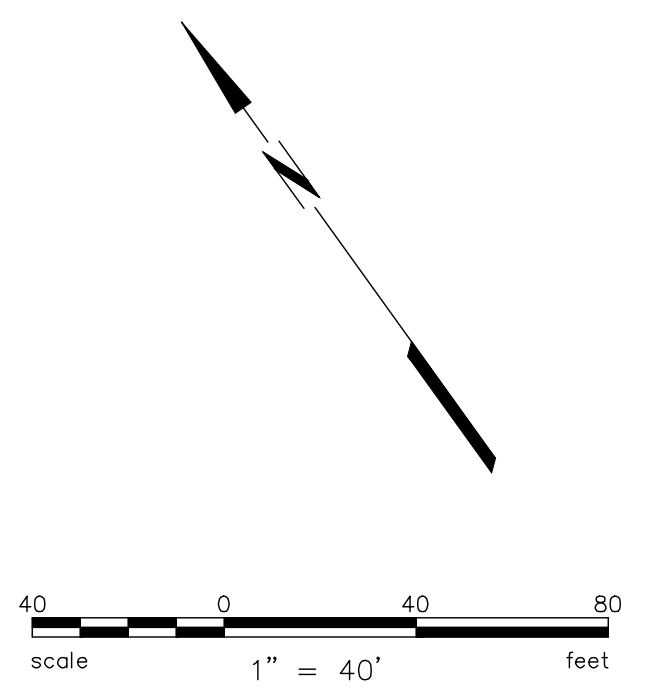
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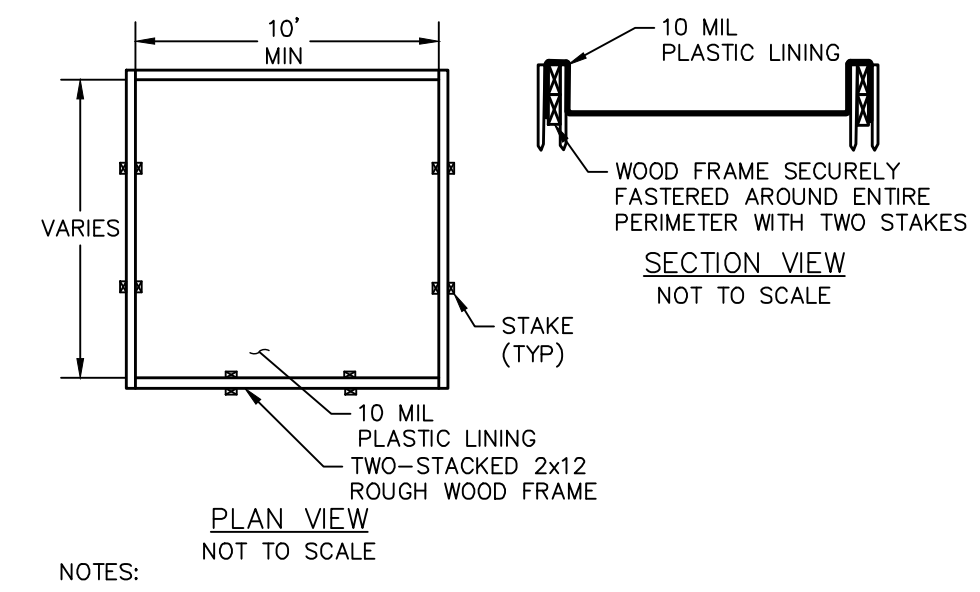
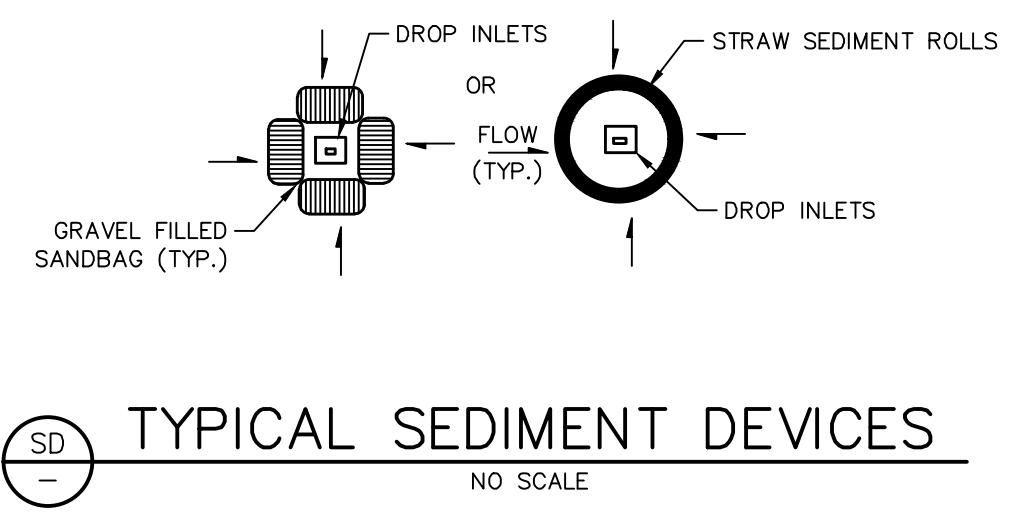
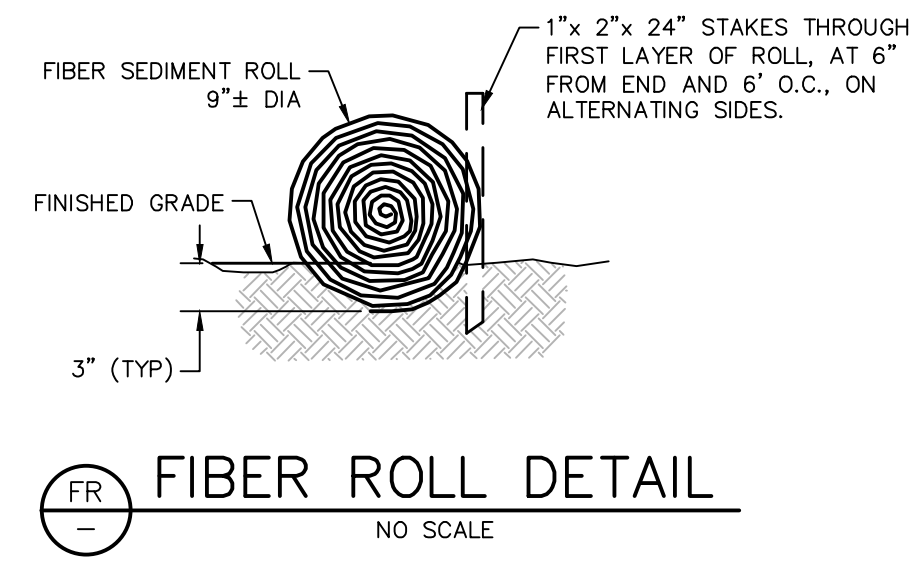
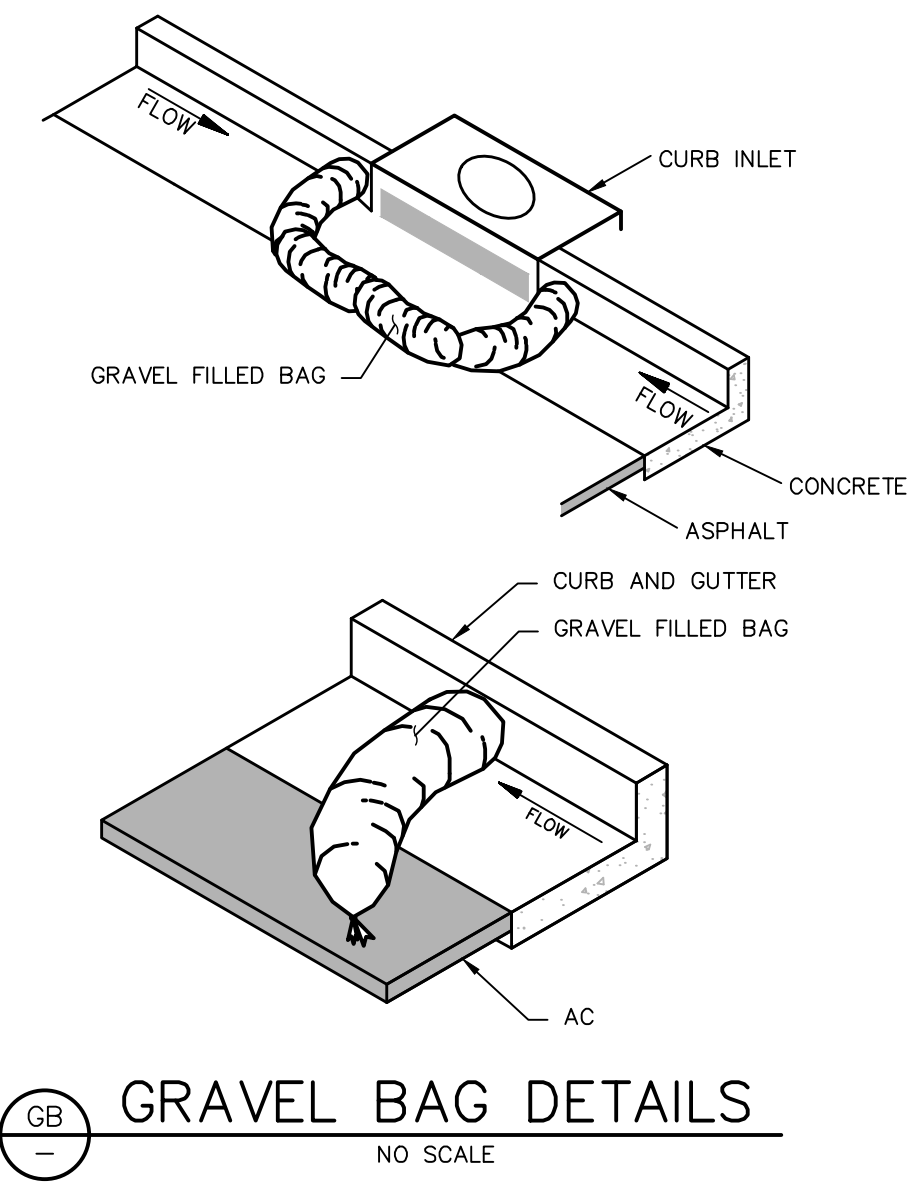
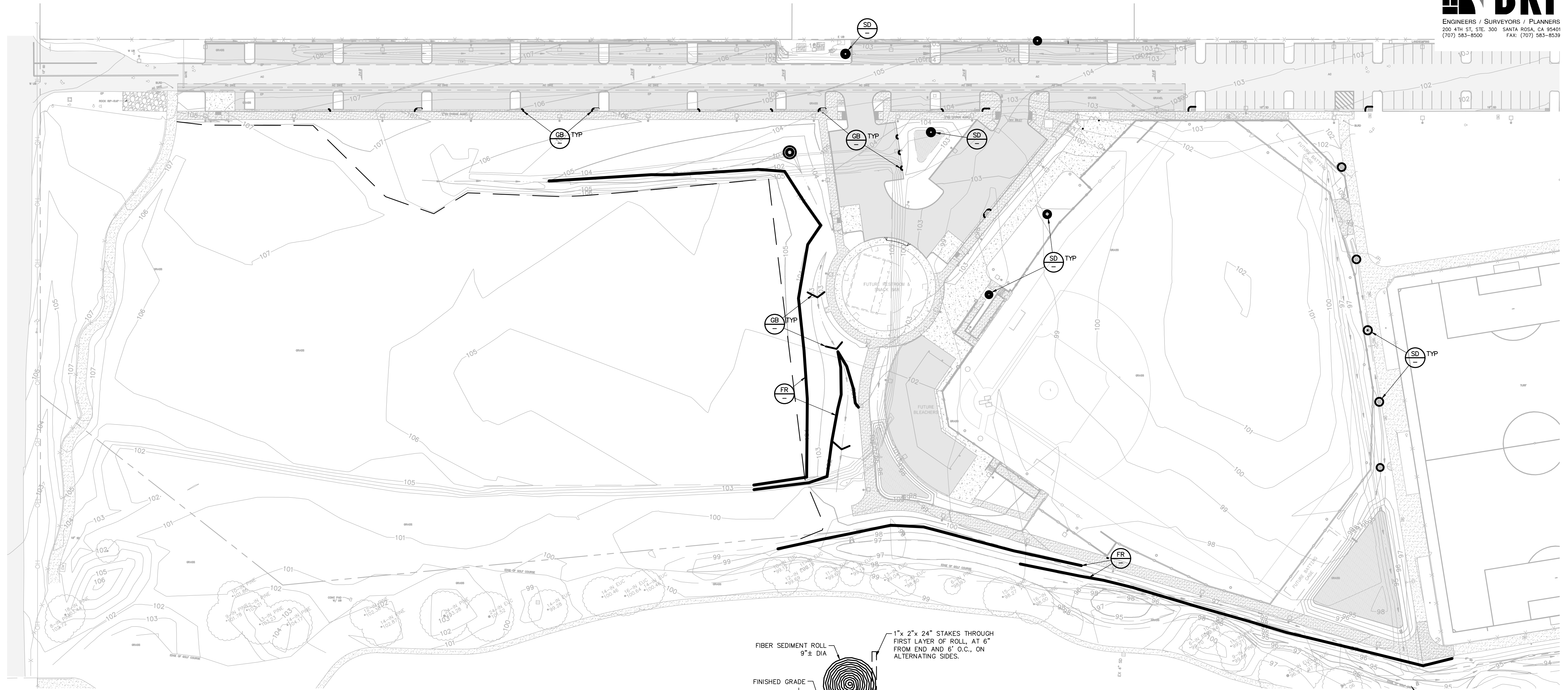
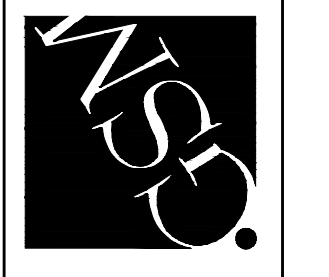
PETALUMA COMMUNITY SPORTS FIELDS
BASEBALL DIAMOND
CONSTRUCTION DETAILS
2430 E WASHINGTON ST PETALUMA, CA 94954

DATE: 4/12/21
FILE NO: 1619 SITE
JOB NO: 162B
SHEET NO:
C6.2
OF 59

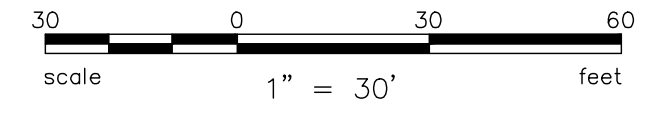


NOTE: FOR USE ALONG MAIN DRIVE AISLE ONLY
TYPICAL PARKING STALL CLUSTER
NO SCALE





- NOTES:
1. LOCATION IN PLAN SHOWN FOR GRAPHIC PURPOSE ONLY. LOCATION TO BE APPROVED BY INSPECTOR.
 2. CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
 3. CONSTRUCT A BERMED AREA LARGE ENOUGH FOR LIQUID AND WASTE CONCRETE MATERIALS GENERATED DURING WASHOUT PROCEDURES. WASHOUT WASTES INTO THE TEMPORARY WASHOUT WHERE THE CONCRETE CAN SET, BE BROKEN UP, AND THEN DISPOSED PROPERLY. WASHOUT SHOULD BE LINED WITH A 10 MIL PLASTIC SO THERE IS NO DISCHARGE INTO THE UNDERLYING SOIL. REFER TO PROJECT SWPPP FOR BMP INSPECTION AND MAINTENANCE.



ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR
A.F.G.	ABOVE FINISHED GRADE
C	CONDUIT
CATV	CABLE TV
C.O.	CONDUIT ONLY
CU	COPPER
E.C.	ELECTRICAL CONTRACTOR
E	EMERGENCY LIGHT FIXTURE ON EMERGENCY GENERATOR OR INVERTER, SWITCHABLE, U.O.N.
EM	EMERGENCY LIGHT FIXTURE WITH BATTERY PACK, SWITCHABLE
EMS	ENERGY MANAGEMENT SYSTEM
(E)	EXISTING
EQPT	EQUIPMENT
(ER)	EXISTING EQUIPMENT TO BE RELOCATED
(EX)	EXISTING EQUIPMENT TO BE DISCONNECTED AND REMOVED
EXT	EXTERIOR
FMC	FLEXIBLE METALLIC CONDUIT
GFI	GROUND FAULT CIRCUIT INTERRUPTING TYPE RECEPTACLE
IDF	INTERMEDIATE DISTRIBUTION FRAME
L	LOCKABLE
LV	LOW VOLTAGE
MCB	MAIN CIRCUIT BREAKER
MDF	MAIN DISTRIBUTION FRAME
MFR	MANUFACTURER
MLO	MAIN LUGS ONLY
MTD	MOUNTED
(N)	NEW
N.E.C.	NATIONAL ELECTRICAL CODE
NEU	NEUTRAL
N.I.E.C.	NOT IN ELECTRICAL CONTRACT
O.A.H.	OVERALL HEIGHT
O.F.C.I.	OWNER FURNISHED, CONTRACTOR INSTALLED
P	INDICATES FIXTURES ON PHOTOCCELL CONTROL
PA	PUBLIC ADDRESS
PNL	PANEL
S.A.D.	SEE ARCHITECTURAL DRAWINGS
STC	SIGNAL TERMINAL CABINET
TC	INDICATES FIXTURES ON TIMECLOCK CONTROL
TELE	TELEPHONE
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
U.O.N.	UNLESS OTHERWISE NOTED
VAV	VAV BOX. SEE MECHANICAL DIVISION DRAWINGS FOR LOCATIONS. PROVIDE TOGGLE TYPE DISCONNECT SWITCH
WP	WEATHER PROOF, NEMA 3R
WPIU	WEATHER PROOF WHILE IN USE

SYMBOLS LIST

	WEATHERPROOF ENCLOSURE
	FIRE ALARM SYSTEM END-OF-LINE RESISTOR
	CONDUIT AND WIRE CONCEALED IN CEILING OR WALL
	CONDUIT AND WIRE CONCEALED IN OR UNDER SLAB OR UNDERGROUND
	CONDUIT AND WIRE RUN EXPOSED
	CROSSMARKS INDICATE QUANTITY OF #12 CONDUCTORS PLUS PARITY SIZED GROUND CONDUCTOR (INCLUDED BUT NOT INDICATED). NO HASHMARKS INDICATES (2) #12 CONDUCTORS PLUS PARITY SIZED GROUND CONDUCTOR, U.O.N.
	GROUND WIRE
	WIRE SIZE 10 AWG FOR ALL CONDUCTORS, INCLUDING GROUND WIRE, THROUGHOUT THE COMPLETE CIRCUIT
	FLEXIBLE METALLIC CONDUIT
	HOMERUN TO PANELBOARD OR TERMINAL BOARD, AS NOTED ON PLANS
	COMPLETE CONNECTION OF EQUIPMENT
	CONDUIT STUBBED OUT, CAPPED AND MARKED
	CONDUIT TURNED UP
	CONDUIT TURNED DOWN
#4/0 copper grounding electrode conductor symbol"/>	#4/0 COPPER GROUNDING ELECTRODE CONDUCTOR, U.O.N.
	MECHANICAL EQUIPMENT DESIGNATION - SEE MECHANICAL PLANS
	DETAIL DESIGNATION - SEE DETAIL 3, SHEET E-6
	NUMBERED SHEET NOTE
	UTILITY METER
	CURRENT TRANSFORMERS
	CIRCUIT BREAKER. NUMBER INDICATES 30A 3-POLE
	FEEDER SIZE - SEE POWER SINGLE LINE DIAGRAMS & FEEDER SCHEDULE

SYMBOLS LIST

ALL SWITCH AND CONTROL MOUNTING HEIGHTS OF 48" SHALL BE TO TOP OF THE DEVICE BOX. ALL RECEPTACLES WITH MOUNTING HEIGHT OF UP TO 18" SHALL BE NO LOWER THAN 15" TO BOTTOM OF THE DEVICE BOX, TYPICAL, U.O.N.

	INDICATES LUMINAIRE TYPE. SEE LUMINAIRE SCHEDULE
	POLE ARM-MOUNTED AREA LUMINAIRE. ARROW INDICATES DIRECTION OF LIGHT DISTRIBUTION WHEN NOT PARALLEL TO ARM ORIENTATION
	LINE VOLTAGE SINGLE POLE TOGGLE SWITCH. LETTER ADJACENT INDICATES RESPECTIVE ZONE CONTROLLED, UP 48" U.O.N.
	LINE VOLTAGE TWO POLE TOGGLE SWITCH, UP 48" U.O.N.
	LINE VOLTAGE THREE-WAY TOGGLE SWITCH, UP 48" U.O.N.
	LINE VOLTAGE KEY OPERATED TOGGLE SWITCH
	LINE VOLTAGE MOTOR RATED TOGGLE SWITCH INSTALLED AT EQPT SHOWN
	LOW VOLTAGE SWITCH, UP 48" U.O.N.
	MAIN SWITCHBOARD, DISTRIBUTION PANEL OR MOTOR CONTROL CENTER
	FLUSH MOUNTED PANELBOARD, 6'-6" TO TOP
	SURFACE MOUNTED PANELBOARD, 6'-6" TO TOP
	FUSED EQUIPMENT DISCONNECT SWITCH WITH FUSE SIZE AS RECOMMENDED BY EQUIPMENT MANUFACTURER
	MOTOR DISCONNECT SWITCH; HORSEPOWER RATED, NON FUSE
	COMBINATION MOTOR STARTER & DISCONNECT
	MAGNETIC MOTOR STARTER
	MANUAL MOTOR STARTER WITH OVERLOAD PROTECTION
	MOTOR WITH FLEXIBLE CONDUIT CONNECTION AND DISCONNECT
	TRANSFORMER
	CONCRETE PULLBOX, SIZE AS REQUIRED OR SHOWN - CHRISTY OR EQUAL WITH LABELED LID PER USE
	COPPER GROUND ROD
	FLUSH CEILING MOUNTED JUNCTION BOX, U.O.N.
	FLUSH WALL MOUNTED JUNCTION BOX, UP 18" U.O.N.
	20A 3PG 125V DUPLEX RECEPTACLE, UP 18" U.O.N.
	20A 3PG 125V DUPLEX RECEPTACLE, WEATHERPROOF, UP 18" U.O.N.
	20A 3PG 125V DUPLEX RECEPTACLE, GROUND FAULT CIRCUIT INTERRUPTER TYPE, UP 18" U.O.N.
	20A 3PG 125V DUPLEX RECEPTACLE, ISOLATED GROUND TYPE, UP 18" U.O.N.
	20A 3PG 125V DOUBLE DUPLEX RECEPTACLE, UP 18" U.O.N.
	20A 3PG 125V DOUBLE DUPLEX RECEPTACLE, MOUNTED ABOVE COUNTER, U.O.N.
	SPECIAL RECEPTACLE AS INDICATED ON PLANS

GENERAL NOTES

- PRIOR TO BID THE CONTRACTOR SHALL VISIT THE SITE TO ADEQUATELY DETERMINE ALL PRE-EXISTING CONDITIONS. BY THE ACT OF SUBMITTING A BID, THE CONTRACTOR WILL BE DEEMED TO HAVE COMPLIED WITH THE FOREGOING, TO HAVE ACCEPTED SUCH CONDITIONS, AND TO HAVE MADE ALLOWANCES THEREFORE IN PREPARING THE BID.
- PROVIDE PARITY SIZED GREEN GROUND WIRE IN ALL POWER CONDUITS, BRANCH CIRCUITS (LIGHTING & POWER) AND HOMERUNS. PROVIDE ADDITIONAL ISOLATED GROUND, GREEN WITH YELLOW STRIPE, TO ALL ISOLATED GROUND RECEPTACLES.
- PROVIDE PULLROPE IN ALL EMPTY CONDUITS THROUGHOUT THE PROJECT.
- VERIFY EXACT CONNECTION REQUIREMENTS, OUTLET TYPE(S), MOUNTING HEIGHT(S) AND LOCATION(S) OF ALL OWNER-SUPPLIED EQUIPMENT, AND ALL EQUIPMENT PROVIDED UNDER OTHER SECTIONS OF THE SPECIFICATIONS, PRIOR TO ROUGH-IN.
- COORDINATE TRENCHING WITH OWNER AND OTHER TRADES BEFORE BEGINNING WORK.
- MAINTAIN "AS-BUILT" RECORDS AT ALL TIMES, SHOWING EXACT LOCATION OF ALL UNDERGROUND AND/OR CONCEALED CONDUITS AND SERVICES INSTALLED UNDER THIS CONTRACT, INCLUDING CIRCUIT IDENTIFICATION WHERE APPLICABLE. PROVIDE OWNER WITH "AS-BUILT" DOCUMENTS AS INDICATED IN THE SPECIFICATIONS, AND/OR CALLED FOR IN THE SPECIFICATIONS.
- DRAWINGS INDICATE THE LOCATION(S) OF DEVICES, LUMINAIRE(S) AND EQUIPMENT, AND THE CIRCUIT NUMBER AND PANEL DESIGNATED TO SUPPLY THEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETELY CONNECTING ALL ELECTRICAL DEVICES TO CIRCUITS INDICATED ON THE DRAWINGS.
- UNLESS OTHERWISE NOTED, ALL WORK SHOWN ON DRAWINGS IS NEW AND TO BE PROVIDED AND INSTALLED COMPLETE UNDER THIS CONTRACT.
- ALL EQUIPMENT GROUNDING SHALL CONFORM TO ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE, LATEST EDITION.
- ALL EXTERIOR CONDUIT ABOVE GRADE, SHALL BE GALVANIZED RIGID STEEL. COAT ALL EXPOSED THREADS WITH GALVANIZING PAINT. PAINT ALL SURFACE MOUNTED RACEWAYS AND PULLBOXES TO MATCH SURROUNDING CONDITIONS, AS DIRECTED BY THE CITY.
- ALL ELECTRICAL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE LATEST EDITION OF THE N.E.C., AS WELL AS STATE, AND LOCAL CODES AND REQUIREMENTS.
- ALL CONDUIT SHALL BE CONCEALED, UNLESS OTHERWISE NOTED.
- EQUIPMENT OVERLOADS AND FUSES SHALL BE PROVIDED AND INSTALLED AS PER NAME PLATE ON THE EQUIPMENT ACTUALLY PROVIDED.
- PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR ALL BRANCH CIRCUITS.
- ALL CONDUIT CONNECTORS TO OUTLET OR JUNCTION BOXES SHALL HAVE INSULATED THROATS (MANUFACTURED AS AN INTEGRAL PART OF THE CONNECTOR). AFTER-MARKET INSERTABLE THROATS ARE NOT ACCEPTABLE.
- ALL CIRCUITS IN ALL JUNCTION BOXES AND DEVICES SHALL BE CLEARLY IDENTIFIED BY MEANS OF "EZ" NUMBERING TAGS OR EQUIVALENT, TO IDENTIFY THE CIRCUIT NUMBER OR RELAY SUPPLYING THE CONDUCTOR. ALL JUNCTION BOXES SHALL BE LABELED PER SPECIFICATIONS.
- PROVIDE A BLANK COVER PLATE (COLOR TO MATCH ADJACENT DEVICES OR AS SPECIFICALLY CALLED FOR IN SPECIFICATIONS) FOR ALL JUNCTION BOXES (NEW AND EXISTING) ON THE PROJECT WHEN NO DEVICE IS INSTALLED.
- FOR OUTDOOR 20-AMPERE, 125 AND 250-VOLT RECEPTACLES: RECEPTACLES LOCATED IN "WET" LOCATIONS SHALL HAVE "IN-USE" TYPE WEATHERPROOF COVER PLATES PROVIDED AND INSTALLED; RECEPTACLES LOCATED IN "DAMP" LOCATIONS SHALL HAVE "IN-USE" TYPE WEATHERPROOF COVER PLATES IN LOCATIONS DEEMED TO BE "IN-USE" WITH CORD AND PLUG ATTACHED.

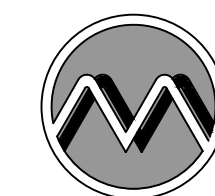
LIST OF DRAWINGS

E0.1	SYMBOLS LIST, GENERAL NOTES & LIST OF DRAWINGS
E0.2	LUMINAIRE SCHEDULE
E1.0	OVERALL SITE PLAN - ELECTRICAL
E1.1	SITE PLAN - ELECTRICAL
E1.2	SITE PLAN - ELECTRICAL
E1.3	SITE PLAN - ELECTRICAL
E1.4	SITE PLAN - ELECTRICAL
E1.5	SITE PLAN - SPORTS LIGHTING AND PA
E5.1	DIAGRAMS
E5.2	DIAGRAMS
E6.1	SCHEDULES
E7.1	DETAILS
E7.2	DETAILS

CALIFORNIA GREEN BUILDING STANDARDS COMPLIANCE

ALL EXTERIOR LUMINAIRES SPECIFIED IN THESE CONTRACT DOCUMENTS COMPLY WITH THE REQUIREMENTS OF THE CALIFORNIA ENERGY CODE AND THE CALIFORNIA GREEN BUILDING STANDARDS CODE, SECTION A5.106.8 LIGHT POLLUTION REDUCTION. EXTERIOR LUMINAIRES COMPLY WITH BACKLIGHT, UPLIGHT, AND GLARE (BUG) RATINGS AS DEFINED IN IESNA TM-15-11 AND BUG RATINGS DO NOT EXCEED THE MAXIMUM ALLOWABLE RATINGS FOR THIS PROJECT.

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DRAW: LVNY
CHKD: FLC

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PETALUMA COMMUNITY SPORTS FIELDS
BASEBALL DIAMOND
SYMBOLS LIST, GENERAL NOTES
& LIST OF DRAWINGS
2430 E WASHINGTON ST PETALUMA, CA 94954

DATE: 2/20/20
FILE NO: E10
JOB NO: 1628
SHEET NO:
E0.1
OF

LUMINAIRE SCHEDULE

TYPE:	MOUNTING:	DESCRIPTION:	MANUFACTURER CATALOG #:	LIGHT SOURCE:	POWER SUPPLY:	VOLTS:	INPUT WATTS:
AC1	FLUSH IN-GRADE AT FLAGPOLE	FLUSH IN-GRADE LED FLAG UPLIGHT. POLYESTER COMPOSITE HOUSING. SUB-STRATE COMPOSITE STABILITY FLANGE. 360 DEGREE AIMING. NARROW FLOOD OPTICS. INTEGRAL SOLID STATE DRIVER. IP68 RATED VACUUM SEALED LAMP ENCLOSURE. TEMPERED TRACTION CONTROL GLASS LENS. MACHINED STAINLESS STEEL FACE PLATE WITH BRUSHED FINISH AND NOMINAL 7" DIAMETER. 14.5" RECESS DEPTH.	BK LIGHTING #S-HP2-LED-TR-X45-NFL-BRU-D3 4INC-MT-GM-R-TC	4000K 80+CRI LED 1800 LM	0-10V DIMMING TO 10%	277V	34W

LUMINAIRE SCHEDULE

TYPE:	MOUNTING:	DESCRIPTION:	MANUFACTURER CATALOG #:	LIGHT SOURCE:	POWER SUPPLY:	VOLTS:	INPUT WATTS:
AA1	POLE WITH ARM	ARM MOUNTED LED AREA LUMINAIRE. EXTRUDED ALUMINUM HOUSING. SILICONE GASKETS. STAINLESS STEEL HARDWARE. IP66 RATING OPTICAL REFRACTORS. IES TYPE III OPTICS WITH NEIGHBOR FRIENDLY OPTICAL SHIELDING (NFO). 0-10V DIMMING DRIVER. STANDARD POWDERCOAT FINISH SELECTED BY THE CITY. NOMINAL 6'H x 12"W x 17"L WITH 4"H x 2"W x 5"L MOUNTING ARM. ROUND ONE PIECE NON-TAPERED STEEL POLE WITH FLAT WELEDED STEEL ANCHOR BASE. TWO PIECE DIE CAST ALUMINUM BASE COVER. FINISH TO MATCH LUMINAIRE. NOMINAL 11'H x 4" DIAMETER MOUNTED ON 36" RAISED CONCRETE POLE BASE.	KIM LIGHTING LUMINAIRE: #1SA-SAR3-P35-40L-4K-VOLTAGE -FINISH-NFO POLE: #KRS14(11)-4120-SA-FINISH	4000K 70CRI LED 3925 LM BUG RATING: B1 U0 G2	350mA 0-10V DIMMING TO 10%	277V	46W
AA2	POLE WITH ARM	SIMILAR TO TYPE AA1 EXCEPT WITHOUT NFO OPTICAL SHIELDING.	KIM LIGHTING LUMINAIRE: #1SA-SAR3-P35-40L-4K-VOLTAGE -FINISH POLE: #KRS14-4120-SA-FINISH	4000K 70CRI LED 4378 LM BUG RATING: B1 U0 G2	350mA 0-10V DIMMING TO 10%	277V	46W
AA3	POLE WITH ARM	SIMILAR TO TYPE AA1 EXCEPT WITH IES TYPE IV OPTICS.	KIM LIGHTING LUMINAIRE: #1SA-SAR4-P35-40L-4K-VOLTAGE -FINISH-NFO POLE: #KRS14-4120-SA-FINISH	4000K 70CRI LED 4098 LM BUG RATING: B0 U0 G2	350mA 0-10V DIMMING TO 10%	277V	46W
AA4	POLE WITH ARM	SIMILAR TO TYPE AA1 EXCEPT WITH IES TYPE II OPTICS, WITHOUT NFO OPTICAL SHIELDING, NOMINAL 12'H x 4" DIAMETER NON-TAPERED POLE.	KIM LIGHTING LUMINAIRE: #1SA-SAR2-P35-40L-4K-VOLTAGE -FINISH POLE: #KRS12-4120-SA-FINISH	4000K 70CRI LED 4098 LM BUG RATING: B2 U0 G2	350mA 0-10V DIMMING TO 10%	277V	46W
AA5	POLE WITH ARM	SIMILAR TO TYPE AA1 EXCEPT WITH IES TYPE IV OPTICS, NOMINAL 12'H x 4" DIAMETER NON-TAPERED POLE.	KIM LIGHTING LUMINAIRE: #1SA-SAR4-P35-40L-4K-VOLTAGE -FINISH-NFO POLE: #KRS12-4120-SA-FINISH	4000K 70CRI LED 4098 LM BUG RATING: B0 U0 G2	350mA 0-10V DIMMING TO 10%	277V	46W
AA6	POLE WITH ARM	SIMILAR TO TYPE AA1 EXCEPT WITH (2) LUMINAIRES, SIMILAR TO TYPE AA1 EXCEPT WITHOUT NFO OPTICAL SHIELDING. NOMINAL 14'H x 4" DIAMETER NON-TAPERED POLE.	KIM LIGHTING LUMINAIRE: (2) #2SB-SAR3-P35-40L-4K-VOLTAGE -FINISH POLE: #KRS14-4120-SB-FINISH	4000K 70CRI LED (2) @ 4378 LM BUG RATING: B1 U0 G2	350mA 0-10V DIMMING TO 10%	277V	92W
AA7	POLE WITH ARM	SIMILAR TO TYPE AA1 EXCEPT WITHOUT RAISED POLE BASE.	KIM LIGHTING LUMINAIRE: #1SA-SAR3-P35-40L-4K-VOLTAGE -FINISH-NFO POLE: #KRS14-4120-SA-FINISH	4000K 70CRI LED 3925 LM BUG RATING: B1 U0 G2	350mA 0-10V DIMMING TO 10%	277V	46W
AA8	POLE WITH ARM	SIMILAR TO TYPE AA1 EXCEPT WITHOUT NFO OPTICAL SHIELDING AND 12'H x 4" DIAMETER NON-TAPERED POLE.	KIM LIGHTING LUMINAIRE: #1SA-SAR3-P35-40L-4K-VOLTAGE -FINISH POLE: #KRS12-4120-SA-FINISH	4000K 70CRI LED 4378 LM BUG RATING: B1 U0 G2	350mA 0-10V DIMMING TO 10%	277V	46W
AB1	SURFACE CEILING IN DUGOUT	SURFACE MOUNTED LINEAR LED LUMINAIRE. IP66 WET LOCATION RATED. IMPACT RESISTANT POLYCARBONATE HOUSING AND DIFFUSE LENS. EVA SILICONE FOAM GASKET. WHITE FINISH. NOMINAL 48"L x 4"H x 5"W.	RAB LIGHTING #SHARK-4-36-YN-W/D10	3500K 70+CRI LED 4234 LM	0-10V DIMMING TO 10%	277V	36W

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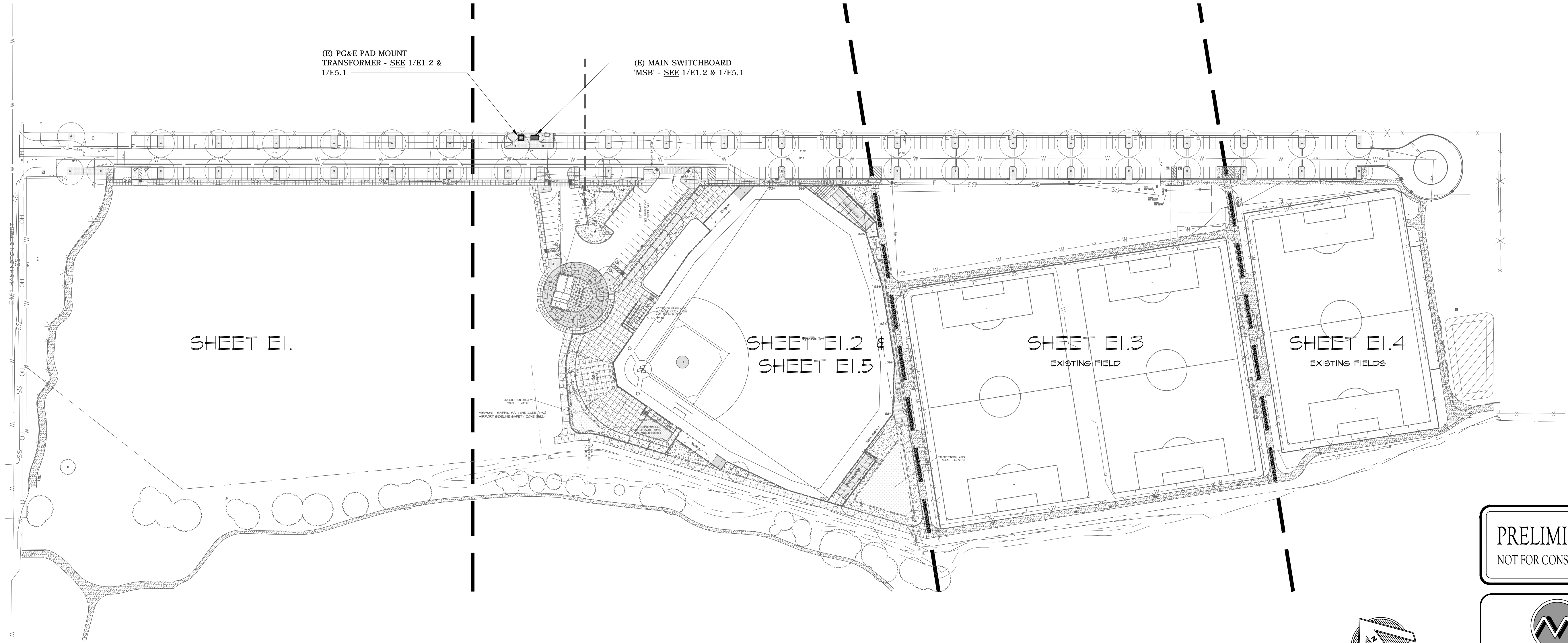
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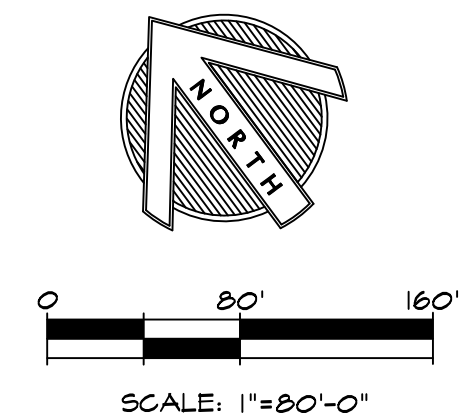
PETALUMA COMMUNITY SPORTS FIELDS
 BASEBALL DIAMOND
 LUMINAIRE SCHEDULE
 2430 E WASHINGTON ST PETALUMA, CA 94954

DATE: 2/20/20
 FILE NO: E02
 JOB NO: 162B
 SHEET NO:
E0.2
 OF



OVERALL SITE PLAN - ELECTRICAL
 SCALE: 1" = 80'-0"

1
E1.0



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DRWN: LVVY	
CHKD: PJC	
CITY OF PETALUMA PUBLIC WORKS & UTILITIES 202 N. McDowell Blvd., PETALUMA, CALIFORNIA, 94954 PH. 707-778-4546 FAX. 707-778-4508	
PETALUMA COMMUNITY SPORTS FIELDS BASEBALL DIAMOND OVERALL SITE PLAN - ELECTRICAL 2430 E WASHINGTON ST PETALUMA, CA 94954	
DATE: 2/20/20	
FILE NO: E1.0	
JOB NO: 1628	
SHEET NO:	
E1.0	
OF	