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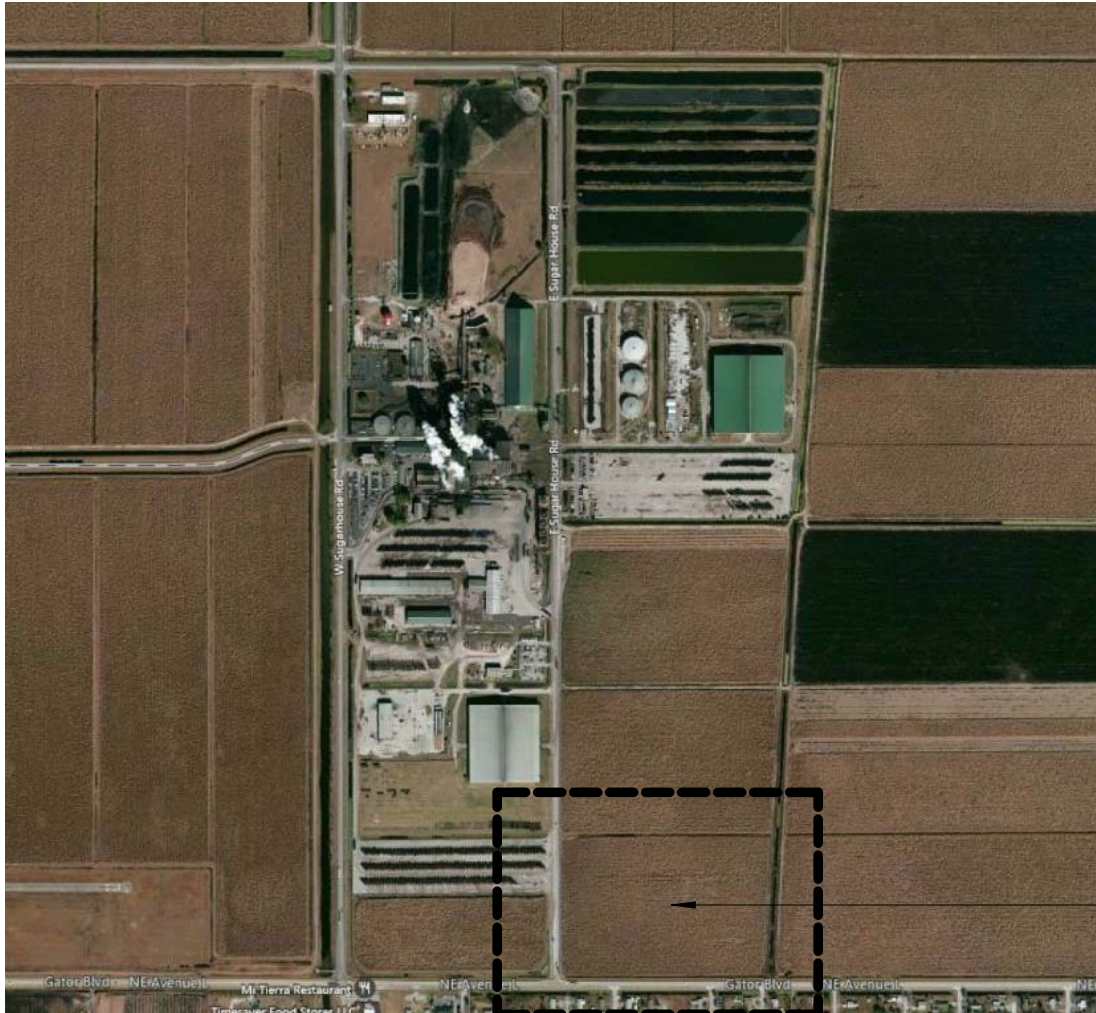
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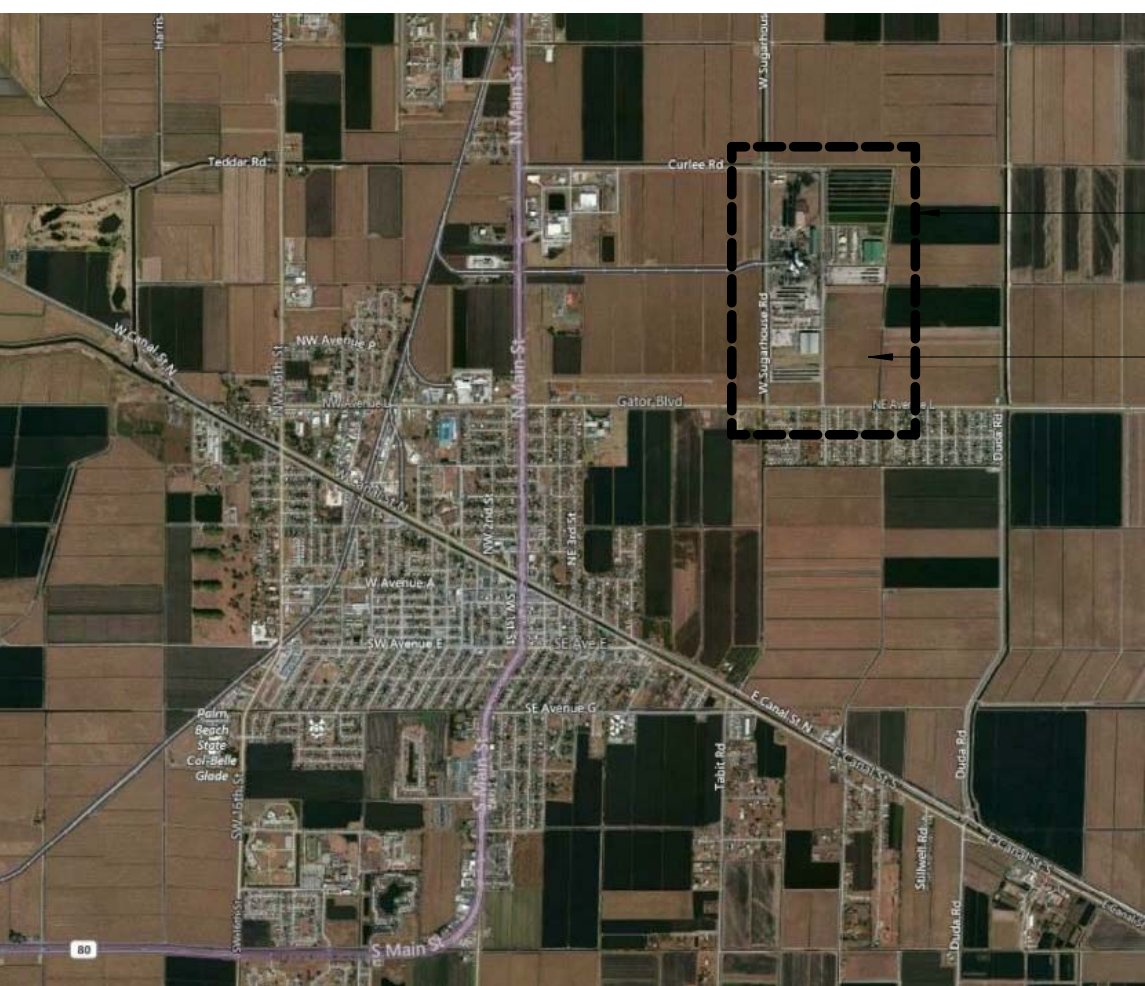
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RENEWCO, LLC

BELLE GLADE, FLORIDA



1 VICINITY MAP
NTS



2 LOCATION MAP
NTS

REFERENCE VICINITY MAP

PROJECT SITE



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ISSUE ISSUE FOR CONSTRUCTION

REVISION
O-ISSUE FOR CONSTRUCTION 08/03/16



BAGASSE PROCESSING FACILITY
BELLE GLADE, FLORIDA
RENEWCO, LLC

ARCHITECT OF RECORD
SHAD L. TRAYLOR
AR93039
DESIGNED BY
BRPH
DRAWN BY
GERMANO
CHECKED BY
TRAYLOR
PROJECT NUMBER
C07111.004
DATE
12/12/16
TITLE
COVER SHEET

DRAWING NO.
G-001

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GENERAL		
SHEET NUMBER	SHEET NAME	SHEET ISSUE DATE
GENERAL		
G-001	COVER SHEET	12/12/16
G-002	DRAWING INDEX	12/12/16
G-003	ABBREVIATIONS, SYMBOLS, GENERAL NOTES	12/12/16
G-004	ACCESSIBILITY DETAILS	12/12/16

D

CIVIL		
SHEET NUMBER	SHEET NAME	SHEET ISSUE DATE
CIVIL		
C-001	LEGEND AND ABBREVIATIONS	12/12/16
C-121	OVERALL SITE PLAN	12/12/16
C-122	PARTIAL SITE PLAN	12/12/16
C-123	PARTIAL SITE PLAN	12/12/16
C-124	PARTIAL SITE PLAN	12/12/16
C-125	PARTIAL SITE PLAN	12/12/16
C-126	PARTIAL SITE PLAN	12/12/16
C-127	PARTIAL SITE PLAN	12/12/16
C-141	OVERALL GRADING AND DRAINAGE PLAN	12/12/16
C-142	PARTIAL GRADING AND DRAINAGE PLAN	12/12/16
C-143	PARTIAL GRADING AND DRAINAGE PLAN	12/12/16
C-144	PARTIAL GRADING AND DRAINAGE PLAN	12/12/16
C-145	PARTIAL GRADING AND DRAINAGE PLAN	12/12/16
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C-147	PARTIAL GRADING AND DRAINAGE PLAN	12/12/16
C-161	OVERALL UTILITY PLAN	12/12/16
C-162	PARTIAL UTILITY PLAN	12/12/16
C-163	PARTIAL UTILITY PLAN	12/12/16
C-164	PARTIAL UTILITY PLAN	12/12/16
C-165	PARTIAL UTILITY PLAN	12/12/16
C-166	PARTIAL UTILITY PLAN	12/12/16
C-167	PARTIAL UTILITY PLAN	12/12/16
C-181	PARTIAL EROSION, SEDIMENT AND POLLUTION CONTROL PLAN	12/12/16
C-182	PARTIAL EROSION, SEDIMENT AND POLLUTION CONTROL PLAN	12/12/16
C-201	POND SECTIONS	12/12/16
C-501	SITE DETAILS	12/12/16
C-502	SITE DETAILS	12/12/16
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C-505	UTILITY DETAILS	12/12/16
C-506	UTILITY DETAILS	04/07/16
C-507	LIFT STATION DETAILS	12/12/16
C-509	EROSION CONTROL DETAILS	12/12/16
C-510	SWPPP CONTRACTOR'S REQUIREMENTS	12/12/16
C-701	CONSTRUCTION JOINT PLAN	12/12/16

C

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MOLDING BUILDING

SHEET NUMBER	SHEET NAME	SHEET ISSUE DATE
STRUCTURAL		
MS-001	GENERAL NOTES	01/05/16
MS-002	GENERAL NOTES	01/05/16
MS-101A	WIND PRESSURE DIAGRAM	01/05/16
MS-101B	FOUNDATION SLAB ON GRADE PLAN	09/13/15
MS-101C	OVERALL FRAMING PLAN	11/06/15
MS-101D	ENLARGED PLANS	11/06/15
MS-102A	ENLARGED INTERIOR PIPE RACK PLANS	03/14/16
MS-102A	EXTERIOR CONTAINMENT SLAB PLAN	11/14/16
MS-104A	ENLARGED EXTERIOR PIPE RACK PLANS	11/03/16
MS-201	ELEVATION	03/14/16
MS-401	FOUNDATION AND SLAB ON GRADE DETAILS	01/05/16
MS-402	FOUNDATION AND SLAB ON GRADE DETAILS	11/06/15
MS-403	FOUNDATION AND SLAB ON GRADE DETAILS	03/23/16
MS-404	FOUNDATION AND SLAB ON GRADE DETAILS	11/14/16
MS-501	MASONRY DETAILS	01/05/16
MS-601	STEEL JOIST DETAILS	11/06/15
MS-602	STEEL DETAIL	03/14/16
LIFE SAFETY		
NAL-001	CODE SUMMARY	12/12/16
NAL-101	FIRST FLOOR LIFE SAFETY PLAN	12/12/16
NAL-102	EQUIPMENT PLATFORM LIFE SAFETY PLAN	12/12/16
ARCHITECTURAL		
MA-101	FIRST FLOOR PLAN	12/12/16
MA-102	EQUIPMENT PLATFORM PLAN	12/12/16
MA-103	EQUIP. PLTFRM STAIR PLANS AND SECTIONS	12/12/16
MA-104	NORTH TANK CONTAINMENT AREA	12/12/16
MA-105	NORTH AREA CONTAINMENT TOWER PLAN	12/12/16
MA-121	FIRST FLOOR CEILING PLAN	12/12/16
MA-122	UPPER LEVEL CEILING PLAN	12/12/16
MA-141	ROOF PLAN	12/12/16
MA-201	BUILDING ELEVATIONS	12/12/16
MA-301	BUILDING SECTIONS	12/12/16
MA-311	WALL SECTIONS	12/12/16
MA-312	WALL SECTIONS	12/12/16
MA-313	SECTION	12/12/16
MA-390	WALL TYPES	12/12/16
MA-401	ENLARGED PLAN	12/12/16
MA-402	FINISH SCHEDULE ENLARGED PLAN TEST MONITORING	12/12/16
MA-501	MOLDING BUILDING DETAILS	12/12/16
MA-601	DOOR SCHEDULE	12/12/16
MA-641	FINISH SCHEDULE	12/12/16
FIRE PROTECTION		
MF-001	FIRE PROTECTION NOTE SHEET	01/28/16
MF-002	FIRE PROTECTION SITE PLAN	01/28/16
MF-101	MOLDING BLDG 1ST FLOOR FP PLAN	01/28/16
MF-102	MOLDING BLDG PLTFM FP PLAN	01/28/16
MF-501	FIRE PROTECTION DETAILS	01/28/16
PLUMBING		
MP-001	ABBREVIATIONS, LEGEND AND GENERAL NOTES	12-12-16
MP-101	PLUMBING FIRST FLOOR PLAN	12-12-16
MP-102	PLUMBING EQUIPMENT PLATFORM PLAN	12-12-16
MP-301	PLUMBING SECTIONS	12-12-16
MP-401	PLUMBING ENLARGED PLANS	12-12-16
MP-402	PLUMBING ENLARGED PLAN	12-12-16
MP-501	PLUMBING DETAILS	12-12-16
MP-601	PLUMBING SCHEDULES	12-12-16
MP-701	COMPRESSED AIR P & I DIAGRAM	12-12-16
MP-901	PLUMBING RISER DIAGRAMS	12-12-16
MP-902	PLUMBING RISER DIAGRAMS	12-12-16
MP-903	PLUMBING RISER DIAGRAM	12-12-16
MECHANICAL		
MM-001	LEGEND ABBREVIATIONS & NOTES	12-12-16
MM-100	COMPOSITE HVAC PLAN	12-12-16
MM-101	GROUND FLOOR HVAC PLAN	12-12-16
MM-102	PLATFORM LEVEL HVAC PLAN	12-12-16
MM-301	MECHANICAL SECTIONS	12-12-16
MM-302	MECHANICAL SECTIONS	12-12-16
MM-401	ENLARGED MECH PLAN	12-12-16
MM-501	MECHANICAL DETAILS	12-12-16
MM-502	MECHANICAL DETAILS	12-12-16
MM-601	MECHANICAL SCHEDULES	12-12-16
MM-602	MECHANICAL SCHEDULES	12-12-16
MM-701	MECH CONTROL DIAGRAMS	12-12-16
MM-702	CONTROL DIAGRAMS	12-12-16
MM-703	FLUIDS CONTROL AND DIAGRAMS	12-12-16
MM-901	CHILLER YARD ISOMETRIC	12-12-16
ELECTRICAL		
ME-001	ELECTRICAL LEGEND	12/12/16
ME-002	ELECTRICAL SCHEDULES	12/12/16
ME-101	ELECTRICAL SITE PLAN	12/12/16
ME-102	ELECTRICAL SITE PLAN	12/12/16
ME-103	ELECTRICAL SITE PLAN	12/12/16
ME-401	ENLARGED PLANS	12/12/16
ME-402	CHILLER YARD ENLARGED PLAN	12/12/16
ME-403	ENLARGED PLANS	12/12/16
ME-404	ENLARGED PLANS	12/12/16
ME-405	ENLARGED PLANS	12/12/16
ME-501	ELECTRICAL DETAILS	12/12/16
ME-502	ELECTRICAL DETAILS	12/12/16
ME-503	LIGHTING CONTROL DETAILS	12/12/16
ME-504	ELECTRICAL SITE DETAILS	12/12/16
ME-505	ELECTRICAL SITE DETAILS	12/12/16
ME-506	ELECTRICAL SITE DETAILS	12/12/16
ME-600	MV ONE-LINE DIAGRAM	12/12/16
ME-601	MV/LV ONE-LINE DIAGRAM	12/12/16
ME-602	LV ONE-LINE DIAGRAM	12/12/16
ME-603	LV ONE-LINE DIAGRAM	12/12/16
ME-604	MV MCC ONE-LINE DIAGRAM	12/12/16
ME-701	PANELBOARD SCHEDULES	12/12/16
ME-702	PANELBOARD SCHEDULES	12/12/16
ME-G101	GROUNDING PLAN	12/12/16
ME-G103	LIGHTNING PROTECTION PLAN	12/12/16
ME-L101	LIGHTING PLAN	12/12/16
ME-L102	LIGHTING PLAN	12/12/16
ME-P100	COMPOSITE POWER PLAN	12/12/16
ME-P101	FIRST FLOOR POWER PLAN	12/12/16
ME-P102	EQUIPMENT PLATFORM POWER PLAN	12/12/16
FIRE ALARM		
ME-FA01	FIRE ALARM ONE-LINE DIAGRAM	12/12/16
ME-FA101	FIRST FLOOR FIRE ALARM PLAN	12/12/16
ME-FA102	ELECTRICAL EQUIPMENT FIRE ALARM PLAN	12/12/16
TELECOMMUNICATIONS		
ME-T101	COMMUNICATIONS PLAN	12/12/16

PULP BUILDING

SHEET NUMBER	SHEET NAME	SHEET ISSUE DATE
STRUCTURAL		
PS-001	GENERAL NOTES	01/07/16
PS-002	GENERAL NOTES	01/07/16
PS-003	LIVE LOAD DIAGRAMS	01/05/16
PS-102A	WIND PRESSURE DIAGRAMS	01/07/16
PS-102B	FOUNDATION PLAN	01/07/16
PS-102C	FRAMING PLANS	01/07/16
PS-102D	ENLARGED FRAMING PLANS	11/15/16
PS-401	FOUNDATION AND SLAB ON GRADE DETAILS	01/07/16
PS-402	OUTDOOR TANKS AND MACHINE PAD DETAILS	03/23/16
PS-403	PIPE RACK PIERS & BASE PLATES	12/09/16
PS-501	MASONRY DETAILS	01/07/16
PS-601	STEEL DETAILS	01/07/16
PS-602	STEEL DETAILS	01/07/16
LIFE SAFETY		
PAL-101	CODE SUMMARY	04/06/16
PAL-102	LIFE SAFETY FLOOR PLANS	04/06/16
ARCHITECTURE		
PA-101	FIRST FLOOR PLAN	04/06/16
PA-102	SECOND FLOOR PLAN	04/06/16
PA-103	UPPER LEVEL EQUIPMENT PLATFORM	04/06/16
PA-104	SOUTH TANK CONTAINMENT AREA	08/18/16
PA-105	NORTH TANK CONTAINMENT AREA	09/09/16
PA-121	FIRST FLOOR CEILING PLAN	04/06/16
PA-122	SECOND FLOOR CEILING PLAN	04/06/16
PA-123	EQUIPMENT PLATFORM CEILING PLAN	04/06/16
PA-141	ROOF PLAN	04/06/16
PA-201	ELEVATIONS	04/06/16
PA-202	ELEVATIONS	04/06/16
PA-301	BUILDING SECTION	04/06/16
PA-302	BUILDING SECTION	04/06/16
PA-310	WALL SECTIONS	04/06/16
PA-390	WALL TYPES	04/06/16
PA-401	ENLARGED PLANS & FINISH SCHEDULE	04/06/16
PA-402	ENLARGED PLANS	04/06/16
PA-501	DETAILS	04/06/16
PA-601	DOOR SCHEDULE	04/06/16
FIRE PROTECTION		
PF-001	FIRE PROTECTION NOTE SHEET	01/28/16
PF-002	FIRE PROTECTION SITE PLAN	01/28/16
PF-101	PULP BLDG 1ST FLOOR FP PLAN	01/28/16
PF-102	PULP BLDG 2ND FLOOR FP PLAN	01/28/16
PF-103	PULP BLDG EQUIP. PLTFM FP PLAN	01/28/16
PF-501	FIRE PROTECTION DETAILS	01/28/16
PLUMBING		
PP-001	ABBREVIATIONS, LEGEND AND GENERAL NOTES	12/12/16
PP-101	PLUMBING FIRST FLOOR PLAN	12/12/16
PP-102	PLUMBING SECOND FLOOR PLAN	12/12/16
PP-103	PLUMBING MECHANICAL PLATFORM PLAN	12/12/16
PP-104	PLUMBING ROOF PLAN	12/12/16
PP-301	BUILDING SECTIONS	12/12/16
PP-401	PLUMBING ENLARGED PLAN	12/12/16
PP-501	PLUMBING DETAILS	12/12/16
PP-601	PLUMBING SCHEDULES	12/12/16
PP-701	COMPRESSED AIR P & I DIAGRAM	12/12/16
PP-901	PLUMBING RISER DIAGRAMS	12/12/16
PP-902	SANITARY RISER DIAGRAM	12/12/16
MECHANICAL		
PM-001	LEGEND ABBREVIATIONS & NOTES	12-12-16
PM-101	FIRST FLOOR PLAN - HVAC	12-12-16
PM-102	SECOND FLOOR PLAN - HVAC	12-12-16
PM-103	UPPER LEVEL EQUIPMENT PLATFORM	12-12-16
PM-301	BUILDING SECTION	12-12-16
PM-401	ENLARGED MECHANICAL PLAN	12-12-16
PM-501	MECHANICAL DETAILS	12-12-16
PM-502	MECHANICAL DETAILS	12-12-16
PM-601	MECHANICAL SCHEDULES	12-12-16
PM-602	MECHANICAL SCHEDULES	12-12-16
PM-901	CONTROL SCHEMATICS	12-12-16
PM-902	STEAM BOILER P & I DIAGRAM	12-12-16
PM-903	BOILER PIPING ISOMETRIC	12-12-16
ELECTRICAL		
PE-001	ELECTRICAL LEGEND	12/09/2016
PE-002	ELECTRICAL SCHEDULES	12/09/2016
PE-401	ENLARGED PLANS	12/09/2016
PE-501	ELECTRICAL DETAILS	12/09/2016
PE-502	LIGHTING CONTROL DETAILS	12/09/2016
PE-601	BUILDING ONE-LINE DIAGRAM	12/09/2016
PE-701	PANEL SCHEDULES	12/09/2016
PE-702	PANEL SCHEDULES	12/09/2016
PE-G101	FIRST FLOOR GROUNDING PLAN	12/09/2016
PE-G102	LIGHTNING PROTECTION PLAN	12/09/2016
PE-L101	FIRST FLOOR LIGHTING PLAN	12/09/2016
PE-L102	SECOND FLOOR LIGHTING PLAN	12/09/2016
PE-L103	EQUIPMENT PLATFORM LIGHTING PLAN	12/09/2016
PE-P101	FIRST FLOOR POWER PLAN	12/09/2016
PE-P102	SECOND FLOOR POWER PLAN	12/09/2016
PE-P103	EQUIPMENT PLATFORM POWER PLAN	12/09/2016
FIRE ALARM		
PE-FA05	FIRE ALARM ONE-LINE DIAGRAM	12/09/2016
PE-FA101	FIRST FLOOR FIRE ALARM PLAN	12/09/2016
PE-FA102	SECOND FLOOR FIRE ALARM PLAN	12/09/2016
TELECOMMUNICATIONS		
PE-T101	FIRST FLOOR TELECOMM PLAN	12/09/2016
PE-T102	SECOND FLOOR TELECOMM PLAN	12/09/2016

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ABBREVIATIONS				SYMBOLS LEGEND			
E	ABV	ABOVE	GA	GAGE	POR	PORCELAIN TILE	
	AFF	ABOVE FINISHED FLOOR	GA/V	GALVANIZED	LB, #	POUND	
	AF	ACCESS FLOOR	GA/V STL	GALVANIZED STEEL	PSF	POUNDS PER SQUARE FOOT	
	AP	ACCESS PANEL	GC	GENERAL CONTRACTOR	PSI	POUNDS PER SQUARE INCH	
	ACOUS	ACOUSTICAL	GEN	GENERATOR	PCC	PRECAST CONCRETE	
	ACT	ACOUSTICAL CEILING TILE	GL	GLASS	PJ	PRECAST WALL JOINT	
	AWC	ACOUSTICAL WALL COVERING	GOVT	GOVERNMENT	PEMB	PRE-ENGINEERED METAL BUILDING	
	ADJUST	ADJUSTABLE	GFE	GOVERNMENT FURNISHED EQUIPMENT	PREFAB	PREFABRICATED	
	A/C	AIR CONDITIONING	GB	GRAB BAR	PT	PRESSURE TREATED	
	AHU	AIR HANDLING UNIT	GR	GRADE	PP	PRIME PAINT	
D	AL, ALUM	ALUMINUM	GR/L	GRILLE	PROJ	PROJECT	
	ALT	ALTERNATE	GND	GROUND			
	ADA	AMERICANS W/ DISABILITIES ACT	GT	GROUT	QTY	QUANTITY	
	AB	ANCHOR BOLT	GYP	GYP SUM	QT	QUARRY TILE	
	L	ANGLE	GWB	GYP SUM WALLBOARD			
	ANOD	ANODIZE			RAD, R	RADIUS	
	APPROX	APPROXIMATE	HNDRL	HANDRAIL	RCPT	RECEPTACLE	
	A/E	ARCHITECT/ENGINEER	HDW	HARDWARE	REC	RECESSED	
	ARCH	ARCHITECT	HDWD	HARDWOOD	RECT	RECTANGULAR	
	ASSY	ASSEMBLY	HD	HEAD	REF	REFERENCE	
C	ASPH	ASPHALT	HDR	HEADER	RCP	REFLECTED CEILING PLAN	
	@	AT	HVAC	HEATING/VENTILATION/AIR COND	REFR, REFRIG	REFRIGERATOR	
	BKS	BACKSPLASH	HGT	HEIGHT	REINF	REINFORCING	
	BM	BEAM	H	HIGH	REM	REMOVABLE	
	BRG	BEARING	HP	HIGH POINT	RMV	REMOVED	
	BTW	BETWEEN	HC	HOLLOW CORE	REQD	REQUIRED	
	BF	BIFOLD	HM	HOLLOW METAL	REQT	REQUIREMENT	
	BLK	BLOCK (ING)	HORIZ	HORIZONTAL	RF	RESILIENT FLOOR	
	BD	BOARD	HP	HORSE POWER	RA	REVISION / REVISED	
	BLT	BOLT	HB	HOSE BIBB	REV	RIGHT	
B	BND	BOND	HWH	HOT WATER HEATER	RT	RIGHT HAND	
	BS	BOTH SIDES	HR	HOUR	RH	RIGHT HAND	
	BOT	BOTTOM	IR	IMPACT RESISTANT	RI	RIGID INSULATION	
	B.O.	BOTTOM OF	IN	INCHES	R	RISER, RADIUS	
	BRK	BRICK	INFO	INFORMATION	RD	ROOF DRAIN	
	BRZ	BRONZE	ID	INSIDE DIAMETER	RM	ROOM	
	BLDG	BUILDING	IG	INSULATED GLASS	RO	ROUGH OPENING	
	BL	BUILDING LINE	INSUL	INSULATION	RND	ROUND	
	BP	BYPASS	INT	INTERIOR	RBR	RUBBER	
			INV	INVERT	RUB	RUBBER TILE OR ROLL FLOORING	
A	CAB	CABINET	JAN	JANITOR	SWL	SANITARY WASTE LEADER	
	CAR	CARPET	JAN CLOS	JANITOR CLOSET	SCHED	SCHEDULE	
	CSWK	CASEWORK	JT	JOINT	SJ	SCORED JOINT	
	CIP	CAST IN PLACE	JST	JOIST	SLNT	SEALANT	
	CLG	CEILING			S CONC	SEALED CONCRETE	
	CEM	CEMENT	KD	KNOCKDOWN	SUR	SEALER	
	CEM PLAS	CEMENT PLASTER	KO	KNOCK OUT	SVCB	SEAMLESS VINYL COVE BASE	
	CTR	CENTER	KO	KNOCK OUT	SECT	SECTION	
	CL	CENTERLINE	LAB	LABORATORY	SERV SK	SERVICE SINK	
	C TO C	CENTER TO CENTER	LAM	LAMINATE	SHT	SHEET	
G	CT	CERAMIC TILE	LP	LAMINATED PLASTIC	SV	SHEET VINYL	
	CHBD	CHALKBOARD	LW	LAMINATED WOOD	SVC	SHEET VINYL COVE	
	C	CHANNEL	LAT	LATITUDINAL	SH	SHELF / SHELVES	
	CLRM	CLASSROOM	LAV	LAVATORY	SHWR	SHOWER	
	CO	CLEANOUT	L	LEFT	SIM	SIMILAR	
	CLR	CLEARANCE, CLEAR	LH	LEFT HAND	SC	SLIDING GLASS DOOR	
	CLOS	CLOSET	LTG	LIGHTING	SC	SOLID CORE	
	CRC	COLD ROLLED CHANNEL	LT WT	LIGHT WEIGHT	SND	SOUND	
	COL	COLUMN	LWC	LIGHT WEIGHT CONCRETE	SAB	SOUND ATTENUATION BLANKET	
	COINB	COINTEGRATION	LG	LONG	SI	SOUND BATT INSULATION	
F	CONC	CONCRETE	LONG	LONGITUDINAL	STC	SOUND TRANSMISSION CLASS	
	OCB	CONCRETE BLOCK	LLH	LONG LEG HORIZONTAL	S	SOUTH	
	CMU	CONCRETE MASONRY UNIT	LLV	LONG LEG VERTICAL	SE	SOUTHEAST	
	CONF	CONFERENCE	LVR	LOUVER	SW	SOUTHWEST	
	CONN	CONNECTION	LP	LOW POINT	SP	SPACES	
	CONST	CONSTRUCTION	LSC	NFPA LIFE SAFETY CODE	SPCT	SPECIAL COATING	
	CJ	CONSTRUCTION, CONTROL JOINT	LBS or (#)	POUNDS	SPF	SPECIAL FINISH	
	CONTR	CONTRACTOR			SPEC	SPECIFICATIONS	
	CFE	CONTRACTOR FURNISHED EQUIP	MACH	MACHINE	SB	SPLASH BLOCK	
	COORD	COORDINATE	MAINT	MAINTENANCE	SO	SQUARE	
H	CPG	COPING	MFR	MANUFACTURER	SQ FEET	SQUARE FEET	
	CG	CORNER GUARD	MFG	MANUFACTURING	SQ IN	SQUARE INCHES	
	CORR	CORRIDOR	MP	MAPLE	STAG	STAGGERED	
	CTSK	COUNTER SINK	M	MARBLE	ST	STAINED	
	CRS	COURSE	MAR	MARCTE	STBLK	STAINED BLOCK	
			MO	MASONRY OPENING	SS, STD	STAINLESS STEEL STANDARD	
	DP	DAMP-PROOFING	MATL	MATERIAL	STD	STEEL	
	DB	DECIBEL	MAX	MAXIMUM	STL	STEEL	
	DEPT	DEPARTMENT	MECH	MECHANICAL	STOR	STORAGE	
	DET	DETAIL	MC	MEDICINE CABINET	STRUCT	STRUCTURAL	
I	DAG	DIAGONAL	MTG	MEETING	SUSP	SUSPENDED	
	DIA	DIAMETER	MEMB	MEMBRANE	SACD	SUSPENDED ACOUSTICAL	
	DM	DIMENSION	MTL	METAL	STN CONC	STAINED CONCRETE	
	DW	DISHWASHER	MBM	METAL BUILDING MANUFACTURER	SYS	SYSTEM	
	DISP	DISPENSER	MLC	METAL LINEAR CEILING			
	DBL	DOUBLE	MS	METAL STUD	TKBD	TACKBOARD	
	DR	DOOR	MEZZ	MEZZANINE	TECH	TECHNICAL	
	DG	DOOR GRILLE	MW	MICROWAVE	TEL, TELE	TELEPHONE	
	DO	DOOR OPENING	ML	MILITARY	TV	TELEVISION	
	DN	DOWN	MLWK	MILLWORK	TEMP	TEMPERATURE or TEMPERED	
J	DS	DOWNPOUT	MIN	MINIMUM	TEMPY	TEMPORARY	
	DWG	DRAWING	MIR, M	MIRROR	TEX	TEXTURES	
	DF	DRINKING FOUNTAIN	MISC	MISCELLANEOUS	THK	THICK	
	DYR	DRYER	MR	MOISTURE RESISTANT	TH	THRESHOLD	
			MLDG	MOLDING	THRU	THROUGH	
	EA	EACH	MTR	MORTAR	TWF	THROUGH-WALL FLASHING	
	EAF	EACH FACE	MTD	MOUNTED	TLT	TOILET	
	E	EAST	MH	MOUNTING HEIGHT	TA	TOILET ACCESSORIES	
	ELEC	ELECTRIC (AL)	MJL	MULLION	TP	TOILET PARTITION	
	EWC	ELECTRIC WATER COOLER			T	TOP	
K	EWI	ELECTRIC WATER HEATER	NAP	NO APPLIED FINISH	T & B	TOP AND BOTTOM	
	EL	ELEVATION	NRC	NOISE REDUCTION COEFFICIENT	TO	TOP CHORD	
	ELEV	ELEVATOR	NOM	NOMINAL	T.O.	TOP OF	
	ENCL	ENCLOSURE	NIR	NON-RATED	TOC	TOP OF CONCRETE	
	ENGR	ENGINEER	N	NORTH	TOF	TOP OF FOOTING	
	ENT	ENTRANCE	NE	NORTHEAST	TOS	TOP OF STEEL	
	EQ	EQUAL	NW	NORTHWEST	TOW	TOP OF WALL	
	EQUIP, EQMT	EQUIPMENT	NA	NOT APPLICABLE	T	TREAD	
	EXH	EXHAUST	NIC	NOT IN CONTRACT	TYP	TYPICAL	
	EF	EXHAUST FAN	NTS	NOT TO SCALE	UC	UNDERCUT	
L	EXIST	EXISTING	NO, #	NUMBER	UL	UNDERWRITERS LABORATORY	
	EG	EXISTING GRADE			UG	UNDERGROUND	
	EXP	EXPANSION	OFF	OFFICE	UNEX	UNEXCAVATED	
	EJ, EXP, JT	EXPANSION JOINT	OC	ON CENTER	UNFN	UNFINISHED	
	EXT	EXTERIOR	OPNG	OPENING	UON	UNLESS OTHERWISE NOTED	
	ECB	EXTERIOR CEMENT BOARD	OPP	OPPOSITE	UR	URNAL	
	EXTD	EXTRUDED	OPP HAND	OPOSITE HAND			
			OPT	OPTIONAL	VAN	VANITY	
	FAB	FABRIC	OZ	OUNCE	VB	VAPOR BARRIER	
	FBR	FACE BRICK	OD	OUTSIDE DIAMETER	VPS	VENEERED PLASTER (SMOOTH)	
M	FOS	FACE OF STUDS	OF	OUTSIDE FACE	VPT	VENEERED PLASTER (TEXTURED)	
	FOW	FACE OF WALL	O/O	OUT TO OUT	VTR	VENT THRU ROOF	
	FM	FACTORY MUTUAL	OA	OVERALL	VENT	VENTILATING	
	FED SPEC	FEDERAL SPECIFICATIONS	OVHG	OVERHANG	VERT	VERTICAL	
	FT	FEET, FOOT	OH	OVERHEAD	VEST	VESTIBULE	
	FIN	FINISH			V	VINYL	
	FE	FIRE EXTINGUISHER	PNL	PANEL	VCT	VINYL COMPOSITION TILE	
	FEC	FIRE EXTINGUISHER CABINET	PTD	PAINTED	VC	VINYL COVE	
	FHC	FIRE HOSE CABINET	PCMU	PAINTED CONCRETE MASONRY UNIT	VGWB	VINYL COVERED GYP SUM WALLBOARD	
	FHR	FIRE HOSE RACK	PGWB	PAINTED GYP SUM WALLBOARD	VRB	VENTED RUBBER BASE	
N	FR	FIRE RESISTANT (RATED)	PR	PAIR	VS	VINYL STRAIGHT	
	FPRF	FIREPROOF	PBD	PARTICLE BOARD	VT	VINYL TILE	
	FXT	FIXTURE	PTN, PART	PARTITION	VWC	VINYL WALL COVERING	
	FLASHG	FLASHING	PVMT	PAVEMENT	WSCT	WAINSCOT	
	FLEX	FLEXIBLE	PGBD	PEGBOARD	WSH	WASHER	
	FL	FLOOR	PLOS	PLACES	WC	WATER CLOSET	
	F.LD, FD	FLOOR DRAIN	PLAS	PLASTER, PLASTIC	WP	WATERPROOFING	
	FLOOR	FLOUORESCENT	PLAM	PLASTIC LAMINATE	WH	WALL HYDRANT	
	FSE	FOOD SERVICE EQUIPMENT	PL	PLATE	WT	WALL THICKNESS	
	FTG	FOOTING	PLBG	PLUMBING	WSP	WEATHERSTRIP	
O	FDN	FOUNDATION	PLTRM	PLUMBING	WWF	WELED WIRE FABRIC	
	FS	FULL SIZE	FURN	FURNISH	W	WEST	
	FURN	FURNISH	PKT	POCKET	WIN	WINDOW	
	FBO	FURNISHED BY OWNER	POL	POLISH	WM	WIRE MESH	
	FURG	FURRING	PVC	POLYVINYL CHLORIDE	WI	WITH	
					W/O	WITHOUT	
					WD	WOOD	
					WDFLR	ATHLETIC WOOD FLOORING	
					YD	YARD	
				NOTE : THIS LIST MAY NOT BE ALL INCLUSIVE.			

SYMBOLS LEGEND	
DRAWING TITLE	
DRAWING NAME	<div><div>1</div><div>VIEW NAME</div><div>1/8" = 1'-0"</div></div>
DRAWING NUMBER	
DRAWING SCALE	
SECTION MARKER	
SECTION NUMBER ON SHEET	<div><div>1</div><div>SIM</div><div>A101</div></div>
SHEET NUMBER ON WHICH SECTION IS DRAWN	
EXTERIOR ELEVATION MARKER	
SECTION NUMBER ON SHEET	<div><div>1</div><div>A101</div></div>
SHEET NUMBER ON WHICH SECTION IS DRAWN	
INTERIOR ELEVATION MARKER	
SECTION NUMBER ON SHEET	<div><div>1</div><div>1 REF</div><div>A101</div><div>1 REF</div></div>
SHEET NUMBER ON WHICH SECTION IS DRAWN	
DETAIL CALLOUT MARKER	
SECTION NUMBER ON SHEET	<div><div>1</div><div>SIM</div><div>A101</div></div>
SHEET NUMBER FROM WHICH DETAIL IS REFERENCED	<div><div>1</div><div>SIM</div><div>A101</div></div>
SHEET NUMBER ON WHICH SECTION IS DRAWN	
FLOOR ELEVATION SYMBOL	
<div><div></div><div>0'-0"</div><div></div></div>	
SPOT ELEVATION SYMBOL	
<div><div></div><div>0'-0"</div><div></div></div>	
COLUMN GRID MARKER	
<div><div>A</div><div></div><div>A</div></div>	
PARTITION TAG	
<div><div>PCA</div><div></div></div>	
ROOM TAG	<div><div>ROOM NAME</div><div>101A</div></div>
	<div><div>ROOM NAME</div><div>101A</div><div>150 SF</div></div>
DOOR NUMBER TAG	<div><div>101</div><div>101</div><div>010</div></div>
WINDOW TAG	<div><div>11</div></div>
LOUVER TAG	<div><div>LOS</div></div>
CURTAIN WALL GLASS & PANEL TAG	<div><div>11</div><div>11</div></div>
KEYNOTE TAGS	<div><div>1</div><div>?</div></div>
REVISION CLOUDS	
CLOUDED REVISION	<div><div></div></div>
REVISION EVENT	<div><div></div></div>
DIMENSION STANDARD	
COLUMN GRID REFERENCE	<div><div>A</div></div>
FACE OF STRUCTURE	<div><div>0'-1"</div><div>0'-3"</div><div>0'-2"</div></div>
CRITICAL FINISH DIMENSION	<div><div>CLEAR</div></div>

GENERAL NOTES			
1. CONSTRUCTION SHALL COMPLY WITH CURRENT FLORIDA BUILDING CODE STANDARDS AND REGULATIONS AS OUTLINED IN BUILDING CODE DATA SHEET.			
2. CONSTRUCTION OF WORK INDICATED ON THE DRAWINGS AS (N.I.C.) IS NOT IN CONTRACT.			
3. DETAILS NOT SHOWN ARE SIMILAR IN NATURE TO THOSE DETAILED. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT ARCHITECT BEFORE PROCEEDING WITH THE WORK. TYPICAL DETAILS APPLY AT ALL SIMILAR CONDITIONS WHETHER CROSS REFERENCES OR NOT.			
4. DIMENSIONS SHOWN ON FLOOR PLANS ARE TO THE FACE OF GYP. BOARD (FOS), FACE OF MASONRY (FOM), FACE OF CONCRETE (FOC), CENTER-LINE OF COLUMN GRID LINES UNLESS NOTED OTHERWISE.			
5. VERIFY DIMENSIONS IN FIELD BEFORE PROCEEDING WITH THE WORK. NOTIFY ARCHITECT OF DISCREPANCIES, CONFLICTS, AND MODIFICATIONS.			
6. DO NOT SCALE DRAWINGS. WHERE DIMENSIONS OR EXACT LOCATIONS ARE REQUIRED AND NOT INCLUDED ON THE DRAWINGS, REQUEST INFORMATION FROM ARCHITECT.			
7. ELECTROLYTIC PROTECTION SHALL BE PROVIDED BETWEEN DISSIMILAR METALS WHENEVER THE TWO ARE IN CONTACT.			
8. OPEN EXTERIOR JOINTS AROUND WINDOW AND DOOR FRAMES, BETWEEN WALLS AND FOUNDATIONS, BETWEEN WALLS AND ROOF, BETWEEN WALL PANELS, AND AT PENETRATIONS OF UTILITIES THROUGH THE BUILDING ENVELOPE SHALL BE SEALED, FLASHED OR WEATHER-STRIPPED AS REQUIRED FOR COMPATIBILITY WITH ADJACENT MATERIALS TO ELIMINATE AIR LEAKAGE & WATER INFILTRATION.			
9. GLAZING SUBJECT TO HUMAN IMPACT AS IDENTIFIED IN APPLICABLE CODES SHALL BE SAFETY GLAZING MATERIAL. EACH LIGHT OF LAMINATED OR TEMPERED GLAZING SHALL BE IDENTIFIED BY A PERMANENT LABEL, WHICH SPECIFIES THE LABELER OR MANUFACTURER AND THAT SAFETY GLAZING MATERIAL HAS BEEN UTILIZED.			
10. PROVIDE PROPER ANCHORAGE OF ESSENTIAL EQUIPMENT IN ACCORDANCE WITH APPLICABLE CODES.			
11. PROVIDE ACCESS PANELS FOR MECHANICAL AND ELECTRICAL EQUIPMENT AS REQUIRED BY APPLICABLE CODES.			
12. PROVIDE AND INSTALL ALL STIFFENERS, BRACINGS, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE BEST POSSIBLE INSTALLATION AND REQUIRED MINIMUM LATERAL FORCE OF ALL TOILET/RESTROOM ACCESSORIES AND PARTITIONS AND ALL WALL MOUNTED OR SUSPENDED MECHANICAL, ELECTRICAL OR MISCELLANEOUS EQUIPMENT IN ACCORDANCE WITH APPLICABLE CODES.			
13. FINISH DOOR OPENINGS SHALL BE 6" FROM FINISHED CORNER OF ROOM AT HINGE SIDE, EXCEPT WHERE DIMENSIONED OTHERWISE. ON THE PULL SIDE OF A DOOR OPENING THE STRIKE SIDE SHALL BE NOMINAL 18" FROM A PERPENDICULAR WALL. ON THE PUSH SIDE OF A DOOR OPENING EQUIPPED WITH BOTH A CLOSER AND LATCH, THE STRIKE SIDE SHALL BE NOMINAL 12" FROM A PERPENDICULAR WALL.			
LEMARTEC AND VARCO PRUDEN ARE SOLELY RESPONSIBLE FOR ALL PRE-ENGINEERED METAL BUILDING EXTERIOR ENVELOPE DETAILS (ROOF AND WALLS) TO ENSURE A WEATHER TIGHT BUILDING. DETAILS AND CONDITIONS INCLUDE BUT NOT LIMITED TO GUTTERS, DOWNSPOUTS, SKYLIGHTS, DOOR, WINDOW, ROOF/WALL PENETRATIONS, AND ATTACHMENTS TO WALLS/ROOF INTERIOR OR EXTERIOR.			



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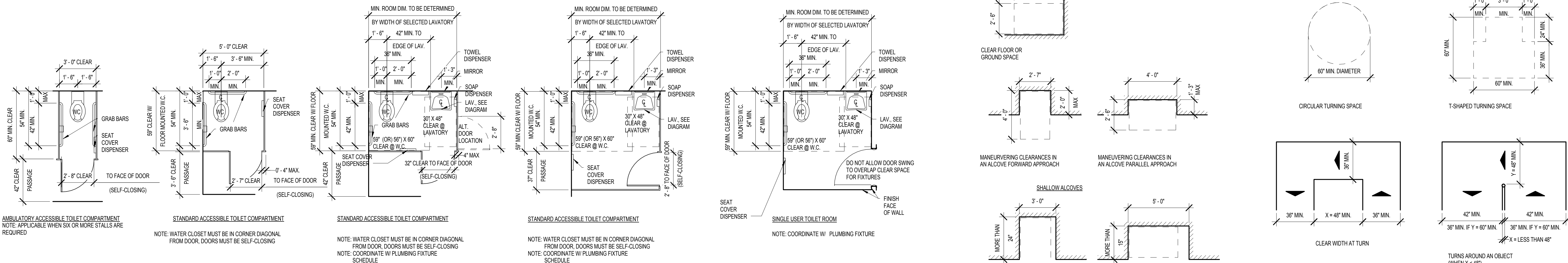
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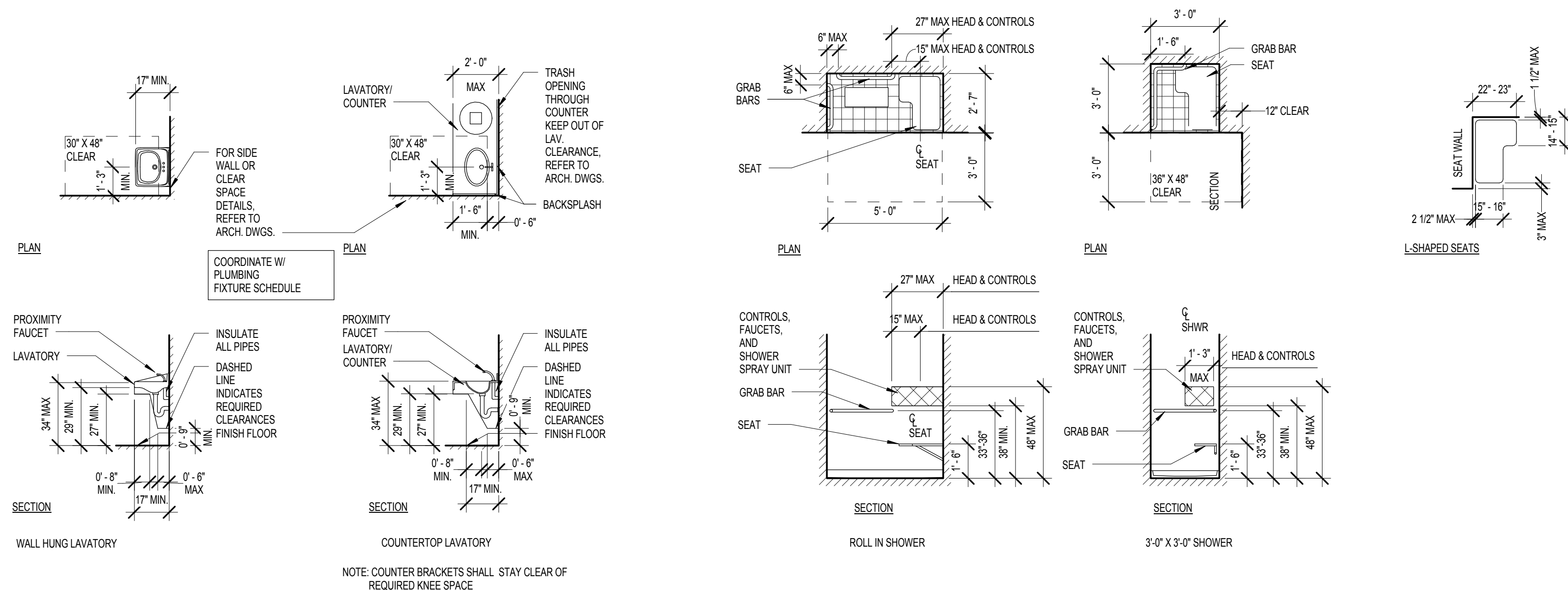
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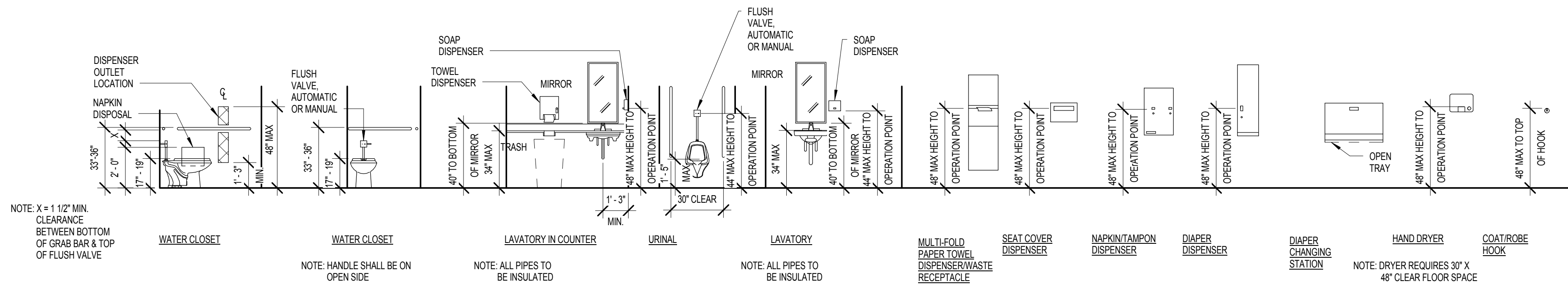
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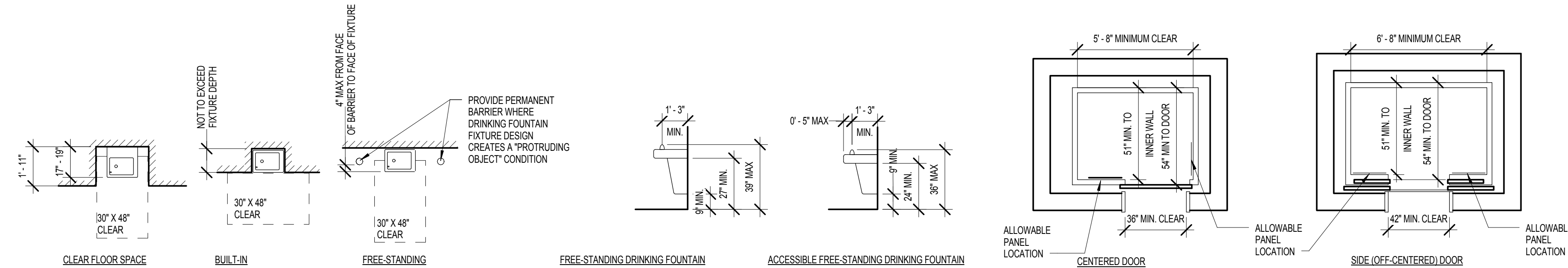
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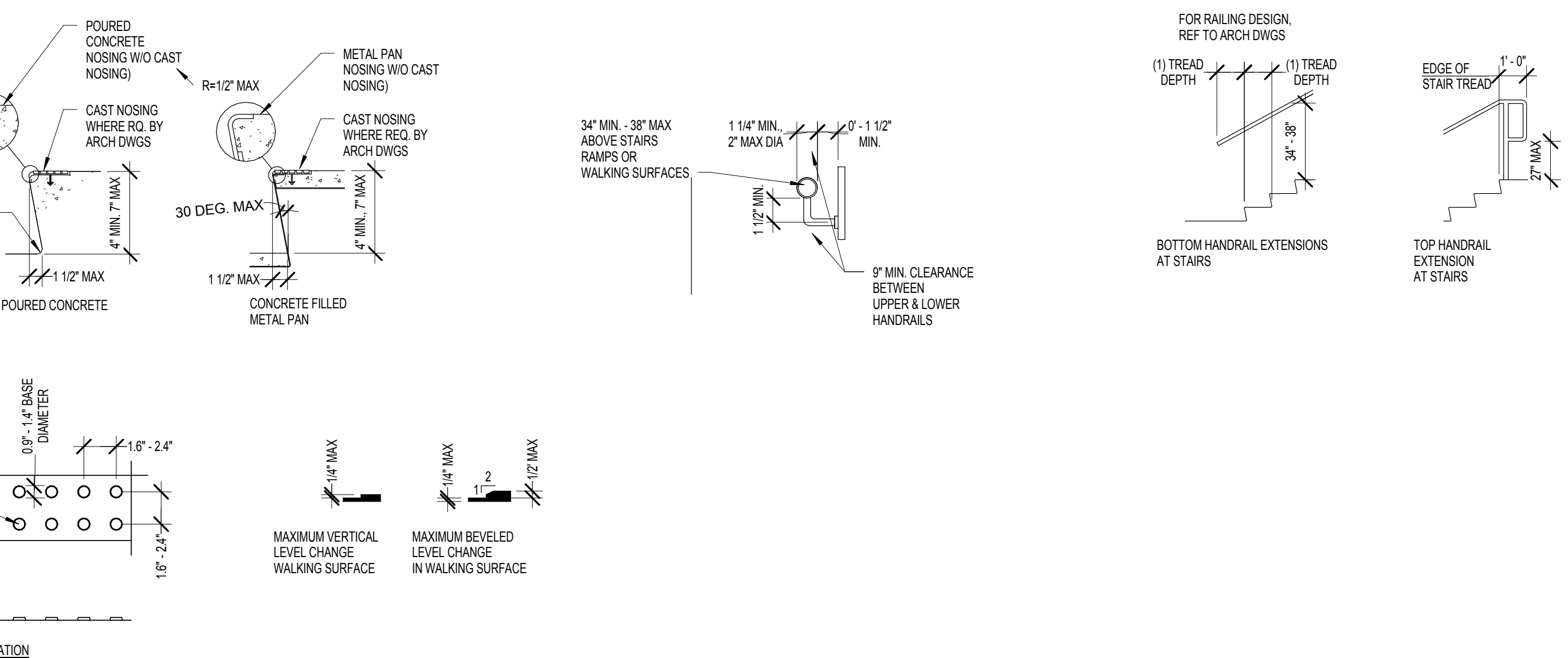
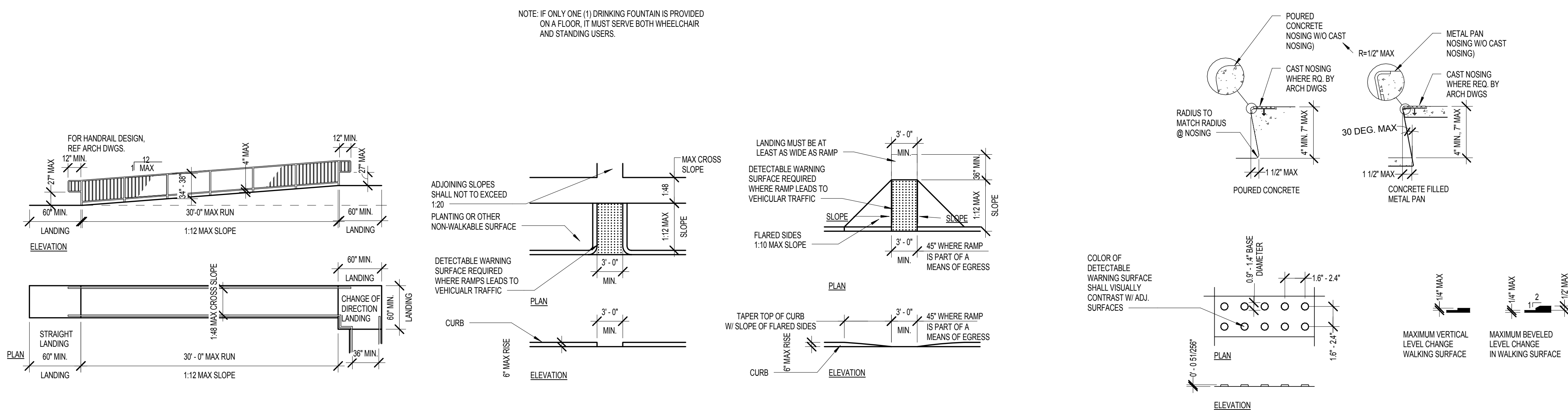
C



B



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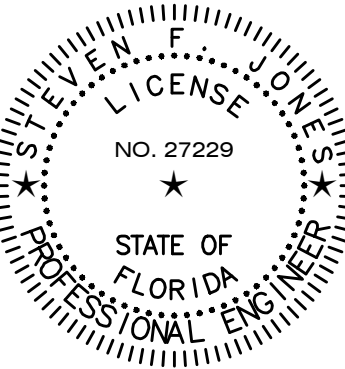
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REVISION Δ 

DESIGNED BY
ACOPIAN

CHECKED BY
JONES

PROJECT NO./CAD CODE
C07111.004.00(GC-001 COVER SHEET AND DRAWING INDEX.DWG

DATE
12-12-2016

DRAWING NO.

GC-001

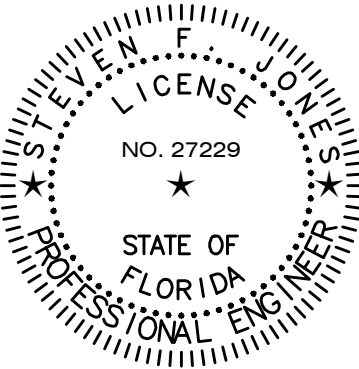
O:\C07111.004.00 - LEMARTEC - BACASSE P&P - PHASE 1B\SHEETS\GC-001 COVER SHEET
AND DRAWING INDEX.DWG
12/11/2016 9:36 AM



A circular professional engineer seal for Steven F. Jones. The outer ring contains the text "STEVEN F. JONES" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the text "LICENSE" at the top, "NO. 27229" in the center, a single star below the number, and "STATE OF FLORIDA" at the bottom.

ARCH/ENGR OF RECORD
STEVEN F. JONES
FL PE 27229
DESIGNED BY
ACOPHAN
DRAWN BY
SMITH
CHECKED BY
JONES
PROJECT NO./CAD CODE
C07111.004.00/GC-001 COVER SHEET AND DRAWING INDEX.DWG
DATE
12-12-2016
TITLE
**LEGEND AND
ABBREVIATIONS**
DRAWING NO.
C-001

BAGASSE PROCESSING FACILITY
BELLE GLADE, FLORIDA
RENEWCO, LLC



ARCH/ENGR OF RECORD
STEVEN F. JONES
FL PE 27229

DESIGNED BY
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DRAWN BY
SMITH

CHECKED BY
JONES

PROJECT NO./CAD CODE
C07111.004.00/C-121 OVERALL SITE PLAN.DWG

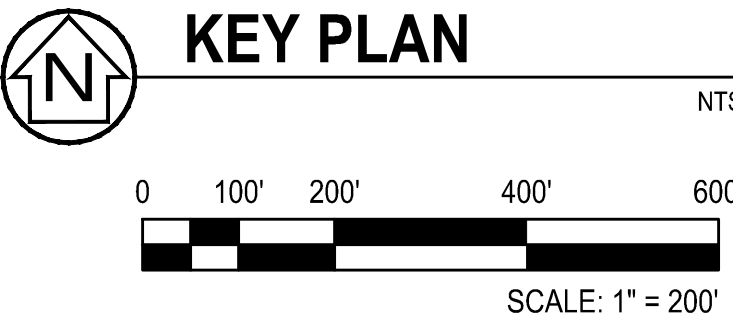
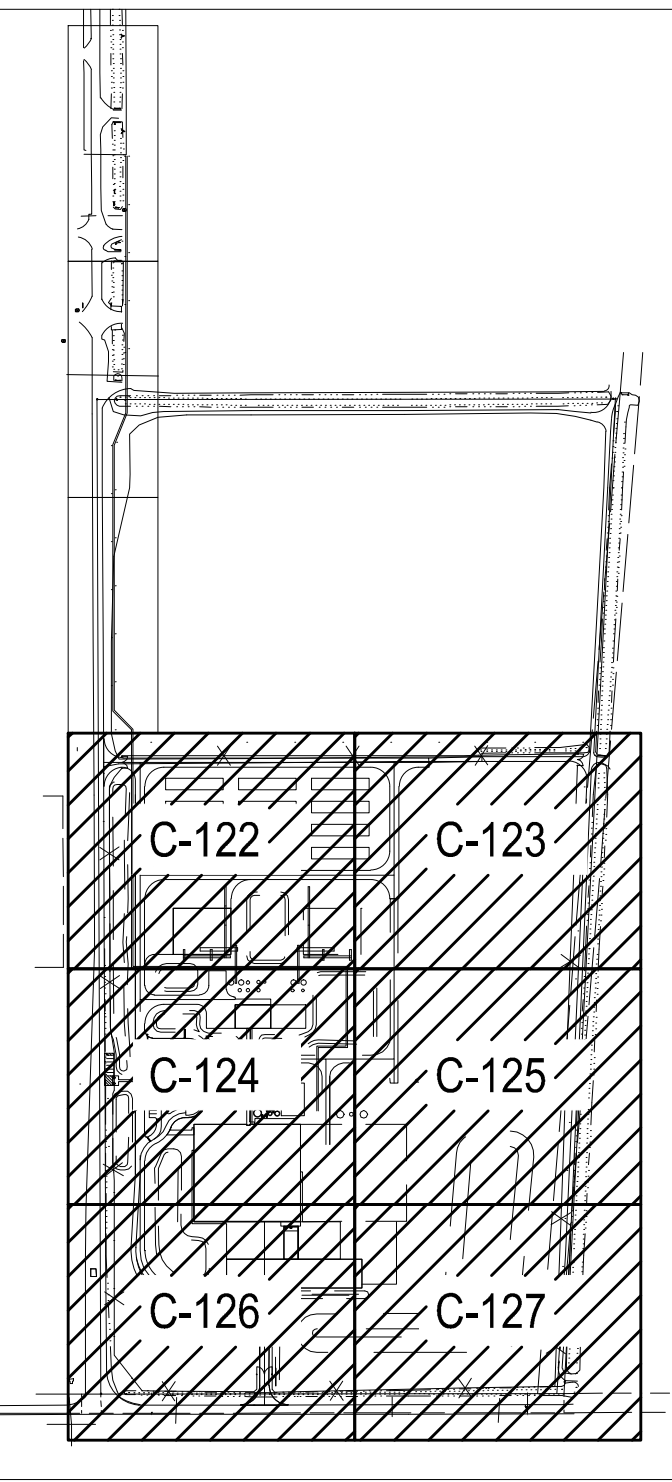
DATE
12-12-2016

TITLE
OVERALL SITE PLAN

DRAWING NO.
C-121

COMMENCE AT THE SOUTHEAST CORNER OF SAID SECTION 28; THENCE N00°10'34"W, ALONG THE EAST LINE OF SAID SECTION 28, A DISTANCE OF 150.00 FEET TO THE NORTH RIGHT-OF-WAY OF GATOR ROAD (FORMERLY GATOR ROAD); THENCE S89°54'30"W, ALONG SAID NORTH RIGHT-OF-WAY OF GATOR ROAD, 2754.19 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE S89°54'30"W, ALONG THE NORTH RIGHT-OF-WAY OF GATOR ROAD, 1205.29 FEET; THENCE N00°14'01"W, 2590.57 FEET; THENCE N89°55'57"E, 1349.90 FEET; THENCE S02°57'45"W, 2593.68 FEET TO THE POINT OF BEGINNING.

SAID LAND SITUATED IN PALM BEACH COUNTY, FLORIDA AND CONTAINING 3,309,343 SQUARE FEET, 75.972 ACRES, MORE OR LESS.



KEY PLAN

NTS

SCALE: 1" = 200'

Site plan of the Future Bales Storage area. The plan shows a large rectangular area labeled "FUTURE BALE STORAGE" at the top. Below this, there are several buildings and ponds. Building C-122 is on the left, and C-123 is on the right. Building C-124 is in the center, with a "60 TPD EBALIN" unit and a "DRY POND" nearby. Building C-125 is to the right of C-124, with a "FIRE WATER PUMP" and a "MECHANICAL YARD". Building C-126 is at the bottom left, and C-127 is at the bottom right. A "WET POND" is located between C-125 and C-127. A "PHASE 1 MOLDING PROCESS BLDG." is shown with a "FUTURE EXPANSION" area. A "FUTURE LOADING AREA" is also indicated. The plan includes various dimensions, elevations, and notes, such as "A PORTION OF THE EXISTING 100' X 100' AREA IS TO BE USED FOR FUTURE BALE STORAGE" and "A PORTION OF THE EXISTING 100' X 100' AREA IS TO BE USED FOR FUTURE BALE STORAGE".

 **OVERALL SITE PLAN** 1"=200'

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12/12/2016 8:41 AM

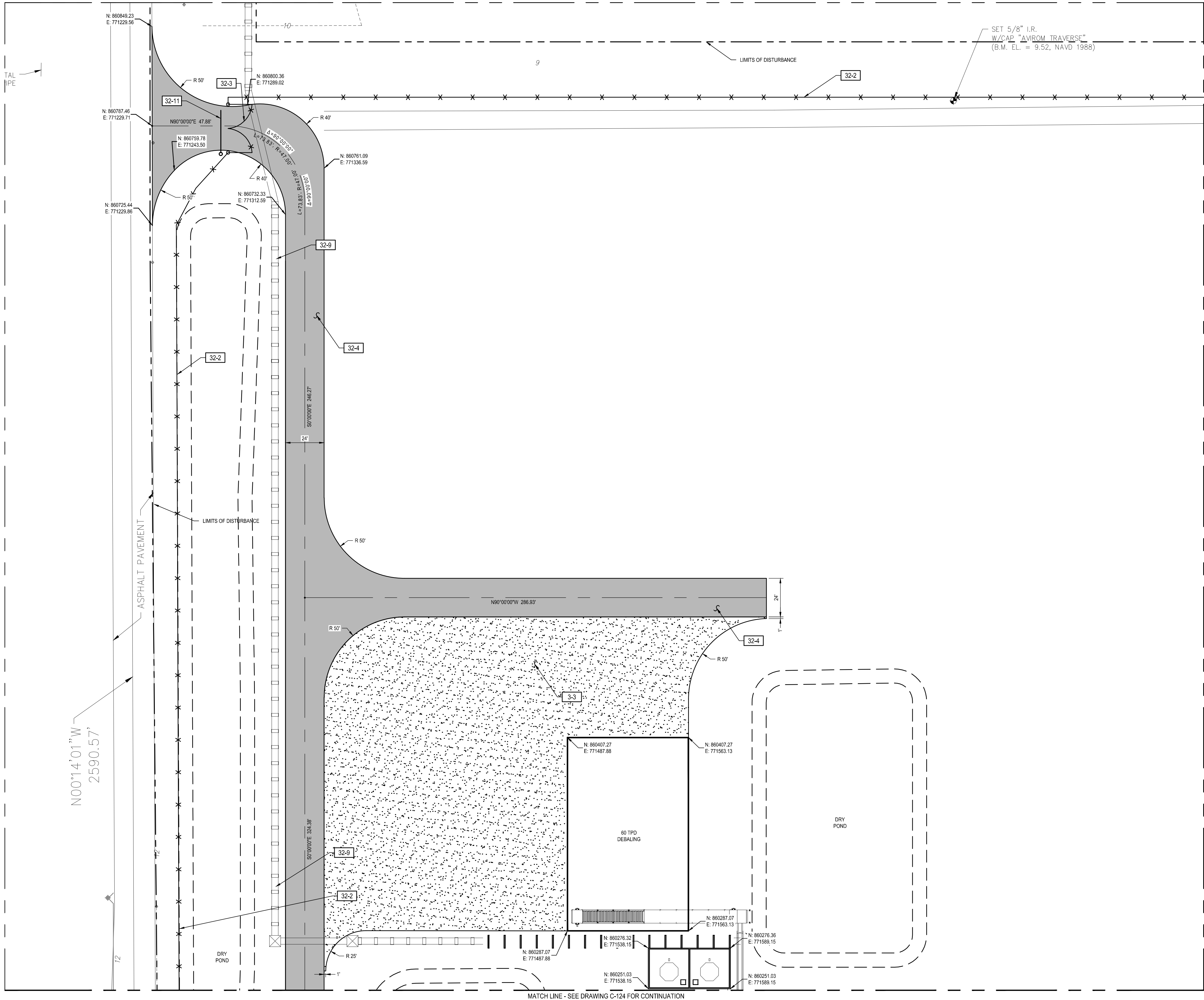
E

D

C

B

A



PARTIAL SITE PLAN

1"=30'

GENERAL NOTES:

- SEE DRAWING C-001 FOR LEGEND AND ABBREVIATIONS.
- UNLESS OTHERWISE SPECIFIED ALL RADI ARE 5'.

NOTES:

- 3-3 PROVIDE 8" THICK PORTLAND CEMENT CONCRETE PAVEMENT. SEE DETAIL ON DRAWING C-501.
- 32-2 PROVIDE 6' HIGH CHAIN LINK FENCE. SEE DETAIL ON DRAWING C-502.
- 32-3 PROVIDE 30' DOUBLE SWING CHAIN LINK GATE WITH KNOX LOCK BOX. SEE DETAIL ON DRAWING C-502.
- 32-4 PROVIDE MEDIUM DUTY ASPHALTIC CONCRETE PAVEMENT. SEE DETAIL ON DRAWING C-501.
- 32-9 UTILITIES PIPE RACK BY OTHERS. LOCATION TO BE VERIFIED.
- 32-11 PROVIDE DROP ARM GATE. PROVIDE A POST MOUNTED UL 1037 APPROVED KNOX KEY SWITCH.



KEY PLAN

NTS



SCALE: 1" = 30'



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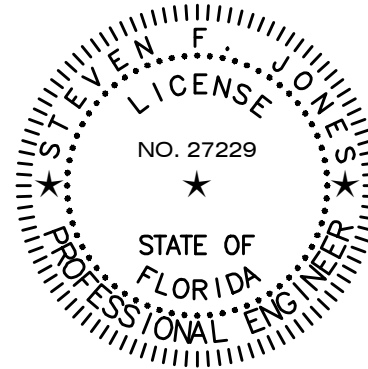
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REVISION



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BELLE GLADE, FLORIDA
RENEWCO, LLC



ARCH/ENGR OF RECORD
STEVEN F. JONES
FL PE 27229
DESIGNED BY
ACOPIAN
DRAWN BY
SMITH
CHECKED BY
JONES

PROJECT NO./CAD CODE
C07111.004.00-C-121 OVERALL SITE PLAN.DWG

DATE
12-12-2016

TITLE
PARTIAL SITE PLAN

DRAWING NO.
C-122

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12/11/2016 8:42 AM

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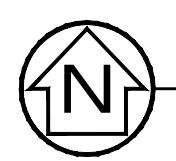
C

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MATCH LINE - SEE DRAWING C-122 FOR CONTINUATION

MATCH LINE - SEE DRAWING C-125 FOR CONTINUATION



PARTIAL SITE PLAN

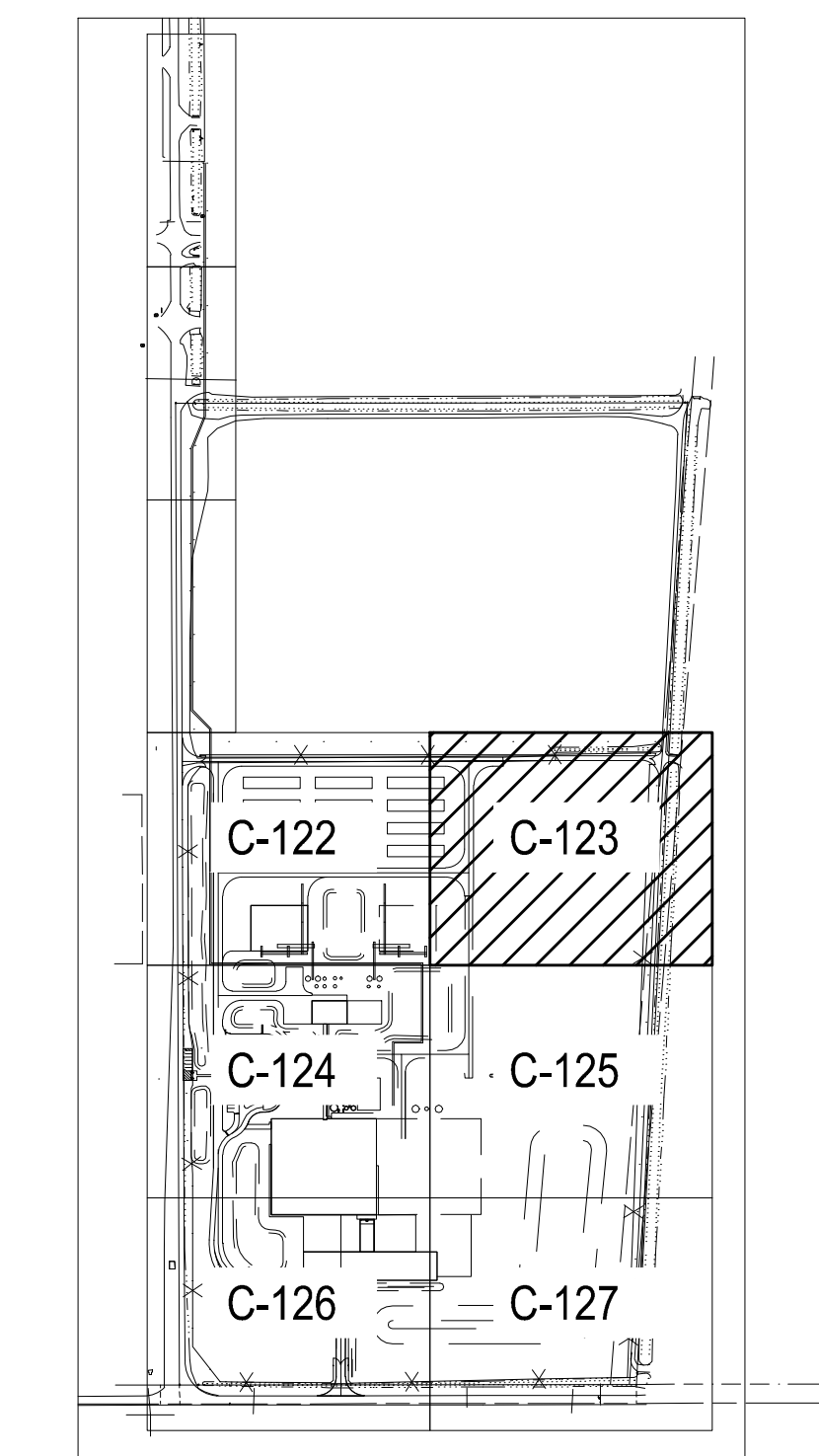
1"=30'

GENERAL NOTES:

1. SEE DRAWING C-001 FOR LEGEND AND ABBREVIATIONS.
2. SEE DRAWING C-002 FOR GENERAL NOTES.
3. UNLESS OTHERWISE SPECIFIED ALL RADI ARE 5'.

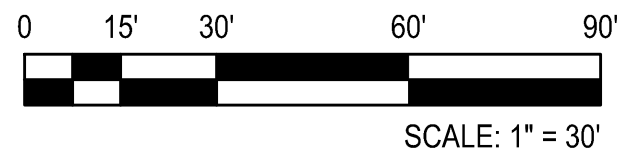
NOTES:

- 32-2 PROVIDE 6' HIGH CHAIN LINK FENCE. SEE DETAIL ON DRAWING C-502.
- 32-3 PROVIDE 30" DOUBLE SWING CHAIN LINK GATE. SEE DETAIL ON DRAWING C-502.



KEY PLAN

NTS



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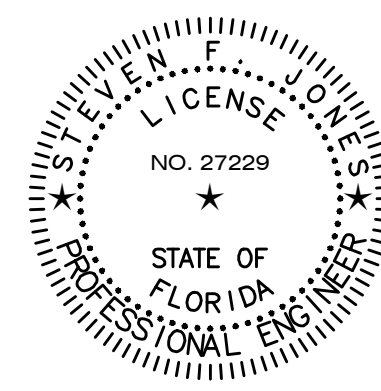
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C07111.004.00/C-121 OVERALL SITE PLAN.DWG

DATE
12-12-2016

TITLE
PARTIAL SITE PLAN

DRAWING NO.
C-123

C:\037111\004\00 - LEMARTEC - BAGASSE PP&P - PHASE 1\SHEETS\C-121 OVERALL SITE
12/11/2016 8:42 AM

E

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MATCH LINE - SEE DRAWING C-122 FOR CONTINUATION

MATCH LINE - SEE DRAWING C-126 FOR CONTINUATION



PARTIAL SITE PLAN

1"=30'

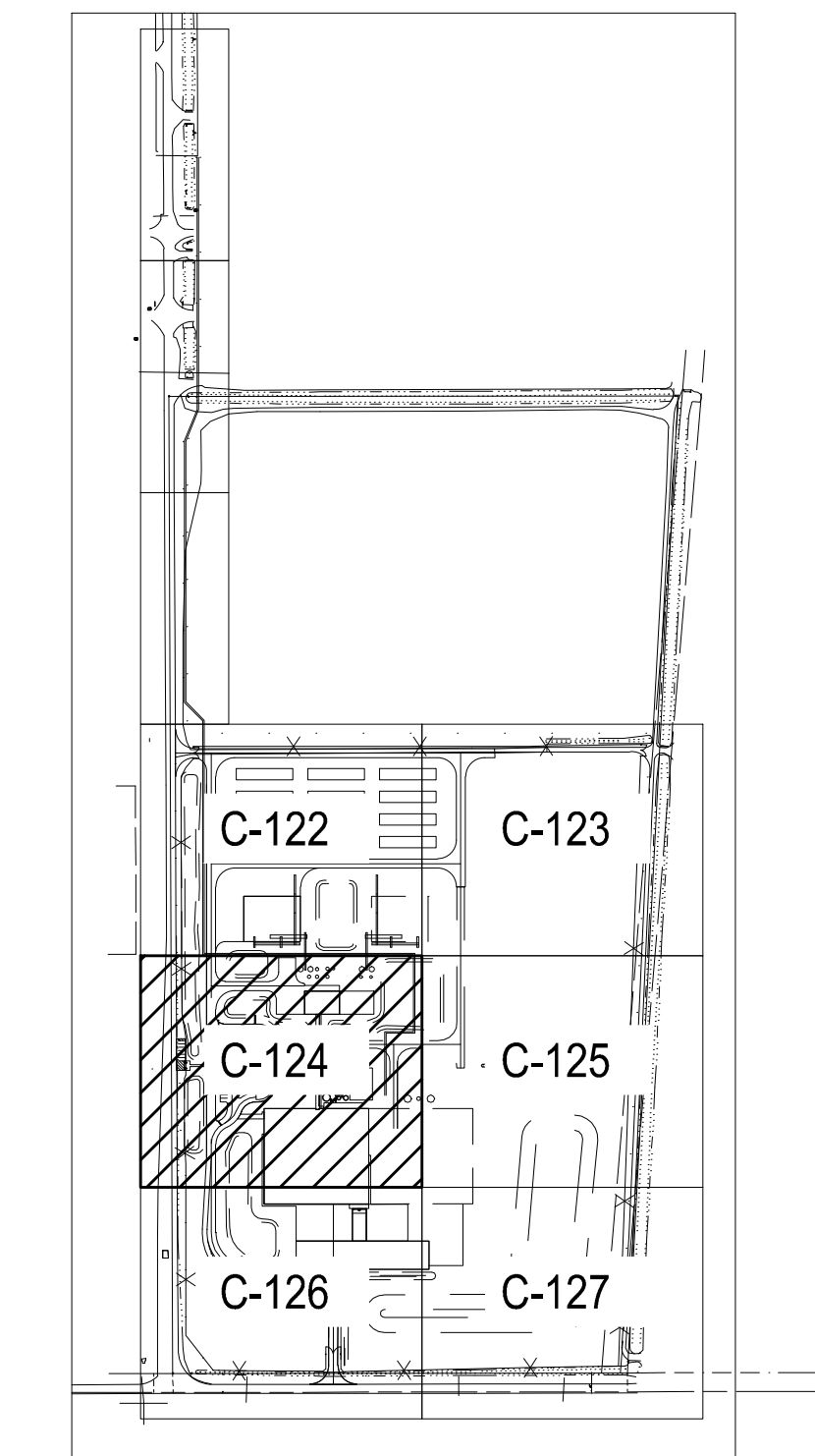
GENERAL NOTES:

- SEE DRAWING C-001 FOR LEGEND AND ABBREVIATIONS.
- SEE DRAWING C-002 FOR GENERAL NOTES.
- UNLESS OTHERWISE SPECIFIED ALL RADI ARE 5'.

NOTES:

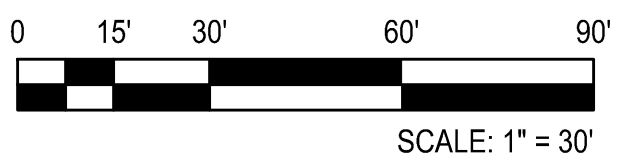
- PROVIDE 6" RAISED PORTLAND CEMENT CONCRETE SIDEWALK. SEE DETAIL ON DRAWING C-501.
- PROVIDE 4" PORTLAND CEMENT CONCRETE SIDEWALK. SEE DETAIL ON DRAWING C-501.
- PROVIDE 8" PORTLAND CEMENT CONCRETE PAVEMENT. SEE DETAIL ON DRAWING C-501.
- PROVIDE 6" PORTLAND CEMENT CONCRETE SIDEWALK. SEE SIMILAR DETAIL ON DRAWING C-501.
- PROVIDE 6" PORTLAND CEMENT CONCRETE PAVEMENT ON 8" LIMEROCK BASE COURSE. SEE DETAIL ON DRAWING C-501.
- PROVIDE CONCRETE FLUME. SEE DETAIL ON DRAWING C-502.
- PROVIDE FDOT TYPE "D" CURB. SEE DETAIL ON DRAWING C-501.
- PROVIDE 3" CURB TRANSITION PER FDOT INDEX 300.
- PROVIDE 8" THICK PERVIOUS CONCRETE PAVEMENT. SEE DETAIL ON DRAWING C-501.
- PROVIDE CONCRETE PAD FOR STORAGE TANKS. SEE STRUCTURAL DRAWINGS FOR DETAILS.
- PROVIDE CONCRETE HOUSEKEEPING PAD FOR PUMPS AND CHILLERS. SEE STRUCTURAL DRAWINGS FOR DETAILS.
- PROVIDE CONCRETE HOUSEKEEPING PAD FOR CONDENSER. SEE STRUCTURAL DRAWINGS FOR DETAILS.
- PROVIDE CONCRETE RAMP. SEE STRUCTURAL DRAWINGS FOR DETAILS.
- PROVIDE CANOPY. RAISE CANOPY TO MINIMUM 14' CLEARANCE OVER 6" THICK SIDEWALK SECTION. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- PROVIDE 6" HIGH CHAIN LINK FENCE. SEE DETAIL ON DRAWING C-502.
- PROVIDE 30" DOUBLE SWING CHAIN LINK GATE. SEE DETAIL ON DRAWING C-502.
- PROVIDE MEDIUM DUTY ASPHALTIC CONCRETE PAVEMENT. SEE DETAIL ON DRAWING C-501.
- PROVIDE 4" WIDE WHITE PAINTED STRIPE PER FDOT INDEX 17346.
- PROVIDE CURB CUT RAMP PER FDOT INDEX 304.
- PROVIDE CONCRETE PAVERS. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- PROVIDE MEDIUM DUTY ASPHALTIC CONCRETE PAVEMENT. PROVIDE EMERGENCY ACCESS DELINEATORS. REFER TO DETAILS ON DRAWING C-503.
- PROVIDE ELEVATED PIPE RACK. SEE STRUCTURAL DRAWINGS FOR CROSS SECTION AND DETAILS. EXACT PIPE RACK ROUTING AND LOCATION TO BE VERIFIED.
- PROVIDE CONCRETE WHEEL STOP. SEE DETAIL ON DRAWING C-501.
- PROVIDE TURNSTILE WITH CARD READER. BASIS OF DESIGN: ALVARADO FULL HEIGHT DUAL SPINDLE GALVANIZED UNIT.
- PROVIDE CROSSWALK MARKING PER FDOT INDEX 17346.
- PROVIDE TRUNCATED DOME DETECTABLE WARNING. SEE DETAIL ON DRAWING C-501.
- PROVIDE HANDICAP PARKING SPACE. SEE DETAIL ON DRAWING C-502.
- PROVIDE 4" WIDE WHITE PAINTED STRIPE 5' O.C. @ 45° PER FDOT INDEX 17346.
- PROVIDE "STOP" (R1-1) SIGN PER MUTCD.
- PROVIDE 24" WIDE WHITE PAINTED STOP BAR PER FDOT INDEX 17346.
- PROVIDE "DO NOT ENTER" (R5-1) SIGN PER MUTCD.
- PROVIDE DUMPSTER ENCLOSURE. SEE DETAIL ON DRAWING C-502.
- PROVIDE 4" OF NO. 57 STONE ON WEED BLOCK FABRIC.
- PROVIDE ASPHALT MILLINGS. SEE DETAIL ON DRAWING C-501.
- PROVIDE CONCRETE CONTAINMENT AREA. SEE STRUCTURAL DRAWINGS FOR DETAILS.
- PROVIDE CONCRETE FILLED BOLLARD. SEE DETAIL ON DRAWING C-502.
- PROVIDE CONCRETE SLEEPER PIPE SUPPORT.

MATCH LINE - SEE DRAWING C-125 FOR CONTINUATION



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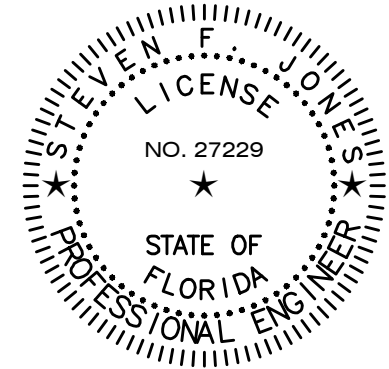
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DATE
12-12-2016

TITLE
PARTIAL SITE PLAN

DRAWING NO.
C-124

C:\037111\004\00 - LEMARTEC - BAGASSE PP&P - PHASE 1B\SHEETS\C-121 OVERALL SITE PLAN.DWG
12/11/2016 8:43 AM

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MATCH LINE - SEE DRAWING C-124 FOR CONTINUATION

MATCH LINE - SEE DRAWING C-123 FOR CONTINUATION

MATCH LINE - SEE DRAWING C-127 FOR CONTINUATION

POSSIBLE 50' CANAL R/W
(PER P.B.C. PROPERTY APPRAISER)

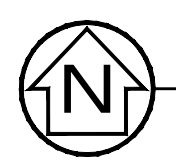
ROCK ROAD

LIMITS OF DISTURBANCE

LIMITS OF DISTURBANCE

FUTURE
EXPANSION

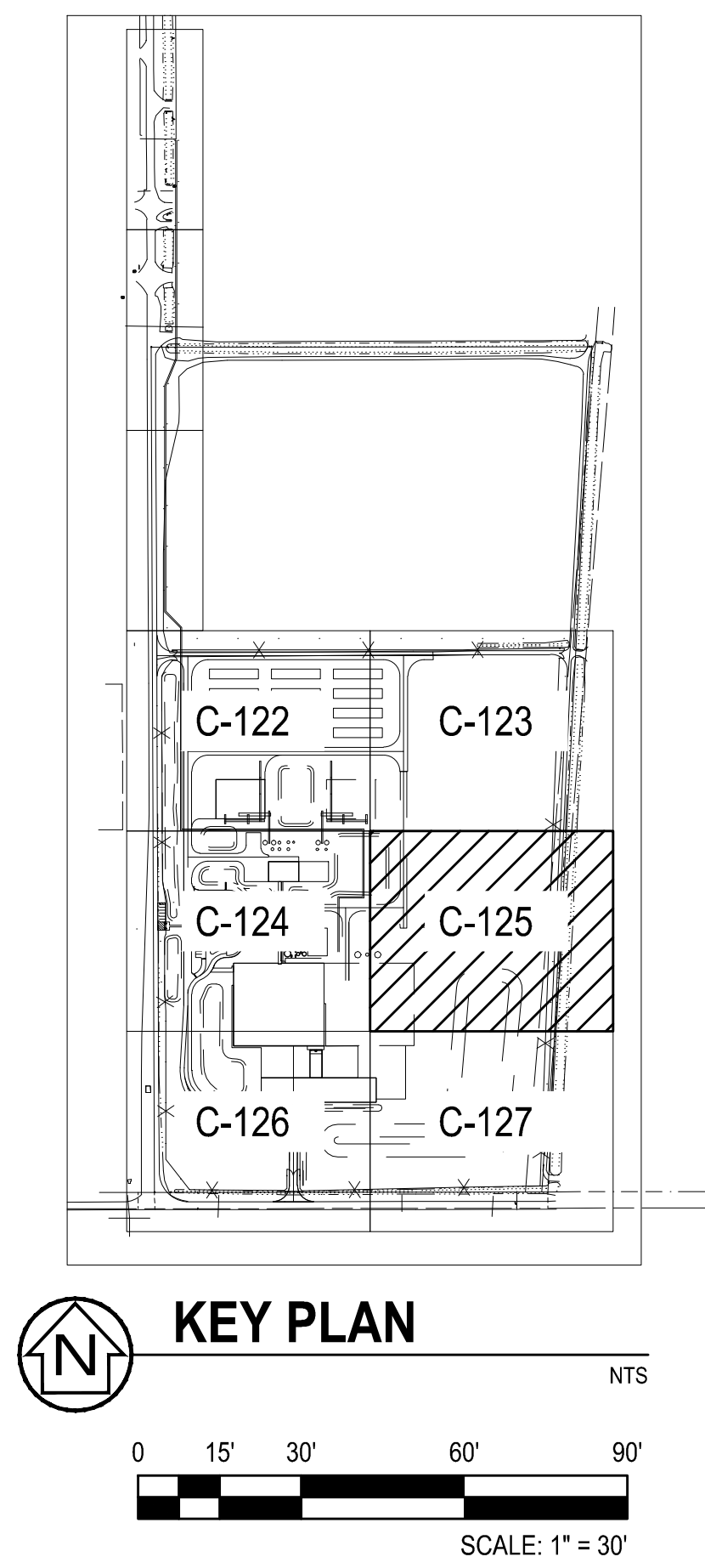
WET
POND



PARTIAL SITE PLAN
1"=30'

NOTES:

32-2 PROVIDE 6' HIGH CHAIN LINK FENCE. SEE DETAIL ON DRAWING C-502.



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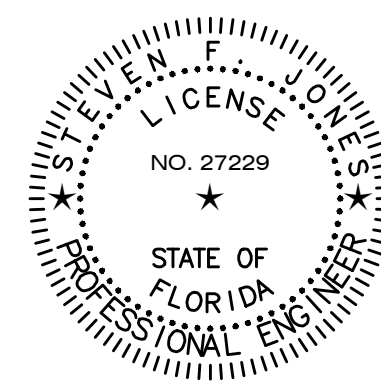
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DATE
12-12-2016
TITLE
PARTIAL SITE PLAN

DRAWING NO.
C-125

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12/12/2016 8:44 AM

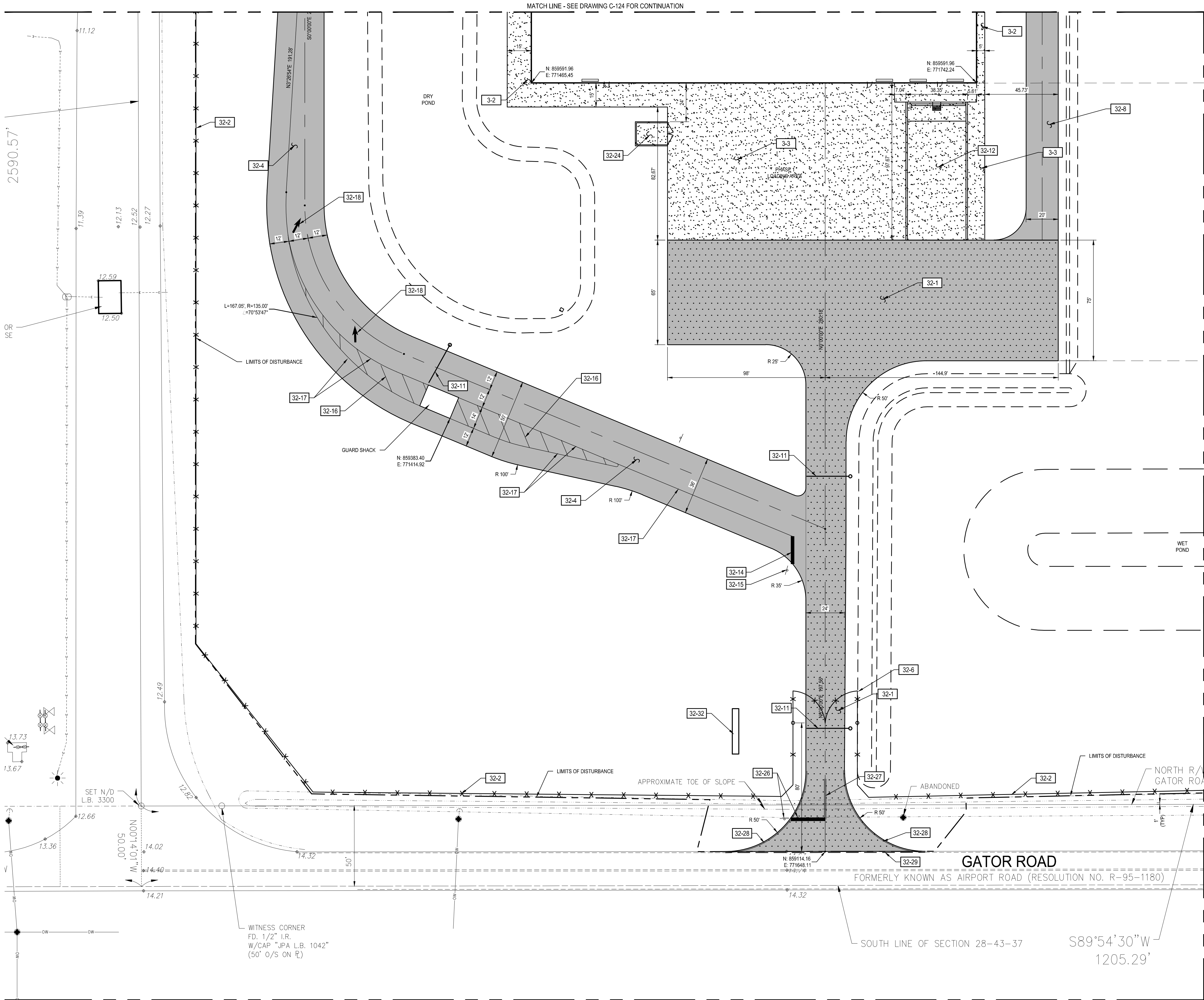
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PARTIAL SITE PLAN

1"=30'

GENERAL NOTES:

1. SEE DRAWING C-001 FOR LEGEND AND ABBREVIATIONS.
2. SEE DRAWING C-002 FOR GENERAL NOTES.
3. UNLESS OTHERWISE SPECIFIED ALL RADII ARE 5'.
4. PAVEMENT MARKINGS AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND PALM BEACH COUNTY TYPICAL T-P-13.

NOTES:

- 3-2 PROVIDE 4" PORTLAND CEMENT CONCRETE SIDEWALK. SEE DETAIL ON DRAWING C-501.
- 3-3 PROVIDE 8" PORTLAND CEMENT CONCRETE PAVEMENT ON 8" BASE COURSE. SEE DETAIL ON DRAWING C-501.
- 32-1 PROVIDE HEAVY DUTY ASPHALTIC CONCRETE PAVEMENT. SEE DETAIL ON DRAWING C-501.
- 32-2 PROVIDE 6' HIGH CHAIN LINK FENCE. SEE DETAIL ON DRAWING C-502.
- 32-4 PROVIDE MEDIUM DUTY ASPHALTIC CONCRETE PAVEMENT. SEE DETAIL ON DRAWING C-501.
- 32-6 PROVIDE 40' DOUBLE SWING CHAIN LINK GATE WITH UL 1037 KNOX LOCK BOX. SEE DETAIL ON DRAWING C-502.
- 32-8 PROVIDE MEDIUM DUTY ASPHALTIC CONCRETE PAVEMENT, PROVIDE EMERGENCY ACCESS DELINEATORS. REFER TO DETAILS ON DRAWING C-503.
- 32-11 PROVIDE DROP ARM GATE. PROVIDE A POST MOUNTED UL 1037 APPROVED KNOX KEY SWITCH.
- 32-12 PROVIDE DEPRESSED LOADING DOCK. SEE DETAIL ON DRAWING C-503. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 32-14 PROVIDE 24" WIDE WHITE PAINTED STOP BAR PER FDOT INDEX 17340.
- 32-15 PROVIDE 30" "STOP" SIGN (R1-1) PER MUTCD.
- 32-16 PROVIDE 4" WIDE YELLOW PAINTED STRIPE 10' O.C. SPACE 10' APART AT 45° PER FDOT INDEX 17340.
- 32-17 PROVIDE 4" WIDE YELLOW PAINTED STRIPE PER FDOT INDEX 17340.
- 32-18 PROVIDE WHITE PAINTED DIRECTIONAL ARROW PER FDOT INDEX 17340.
- 32-24 PROVIDE DUMPSTER ENCLOSURE. SEE DETAIL ON DRAWING C-502.
- 32-26 PROVIDE "STOP" SIGN (R1-1, 30"x30") WITH 24" WHITE STOP BAR PER PALM BEACH COUNTY STANDARDS.
- 32-27 PROVIDE 25LF (±) OF 6" DOUBLE YELLOW STRIPING PER PALM BEACH COUNTY STANDARDS.
- 32-28 PROVIDE 50LF (±) OF 6" SOLID WHITE STRIPING PER PALM BEACH COUNTY STANDARDS.
- 32-29 PROVIDE 120LF (±) OF 6" SKIP WHITE STRIPING (8'-10') PER PALM BEACH COUNTY STANDARDS.
- 32-32 FUTURE SITE SIGNAGE BY OTHERS. LOCATION TO BE VERIFIED BY OWNER.



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SCALE: 1" = 30'



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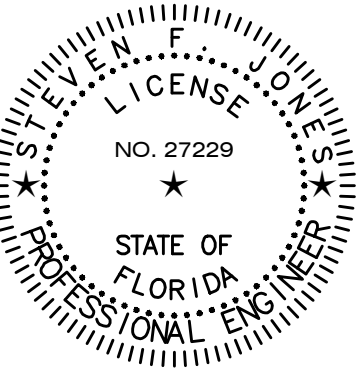
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DATE
12-12-2016

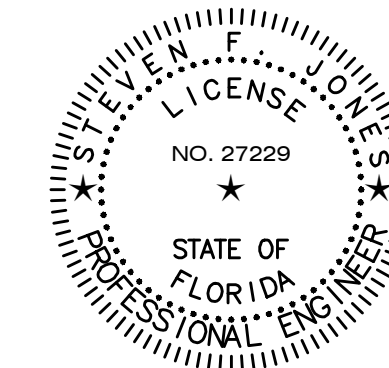
TITLE
PARTIAL SITE PLAN

DRAWING NO.
C-126

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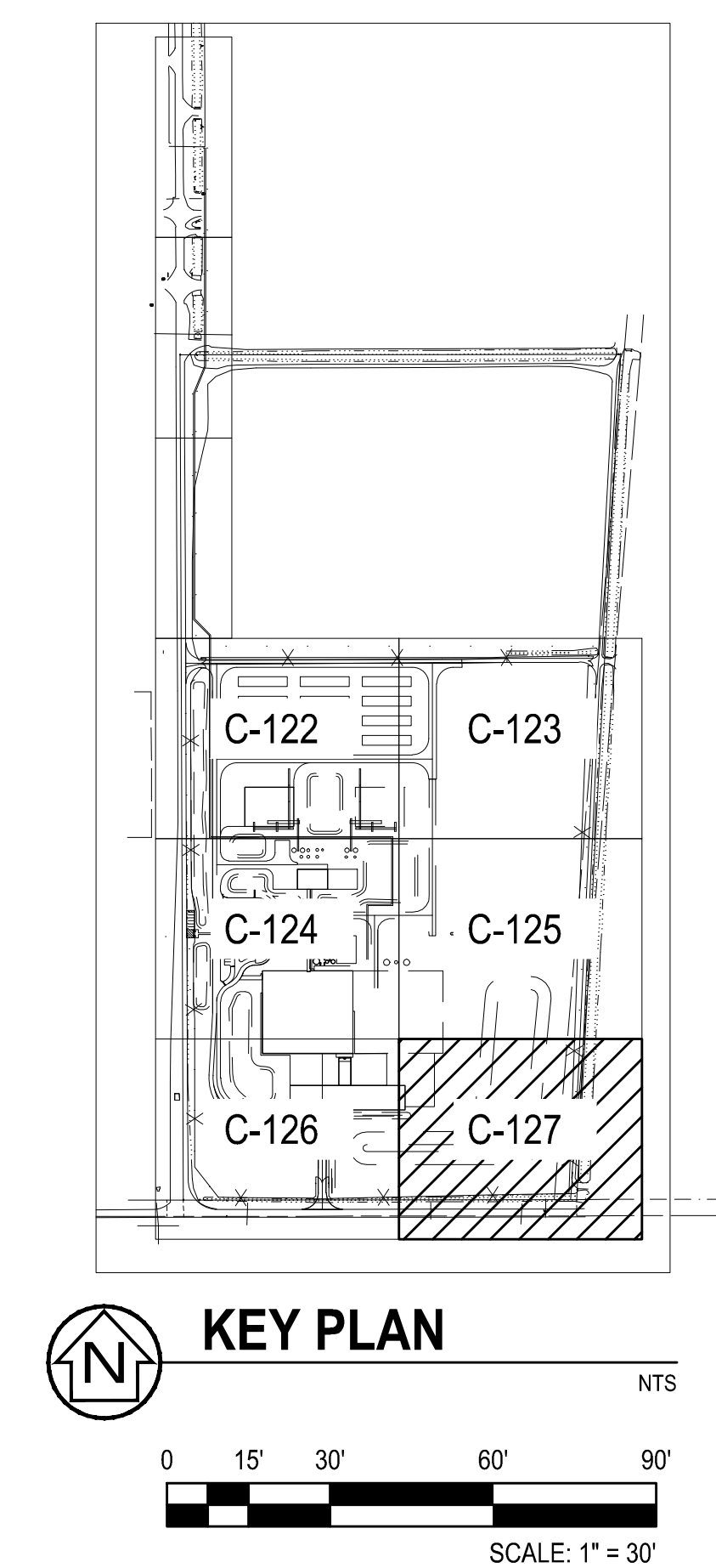
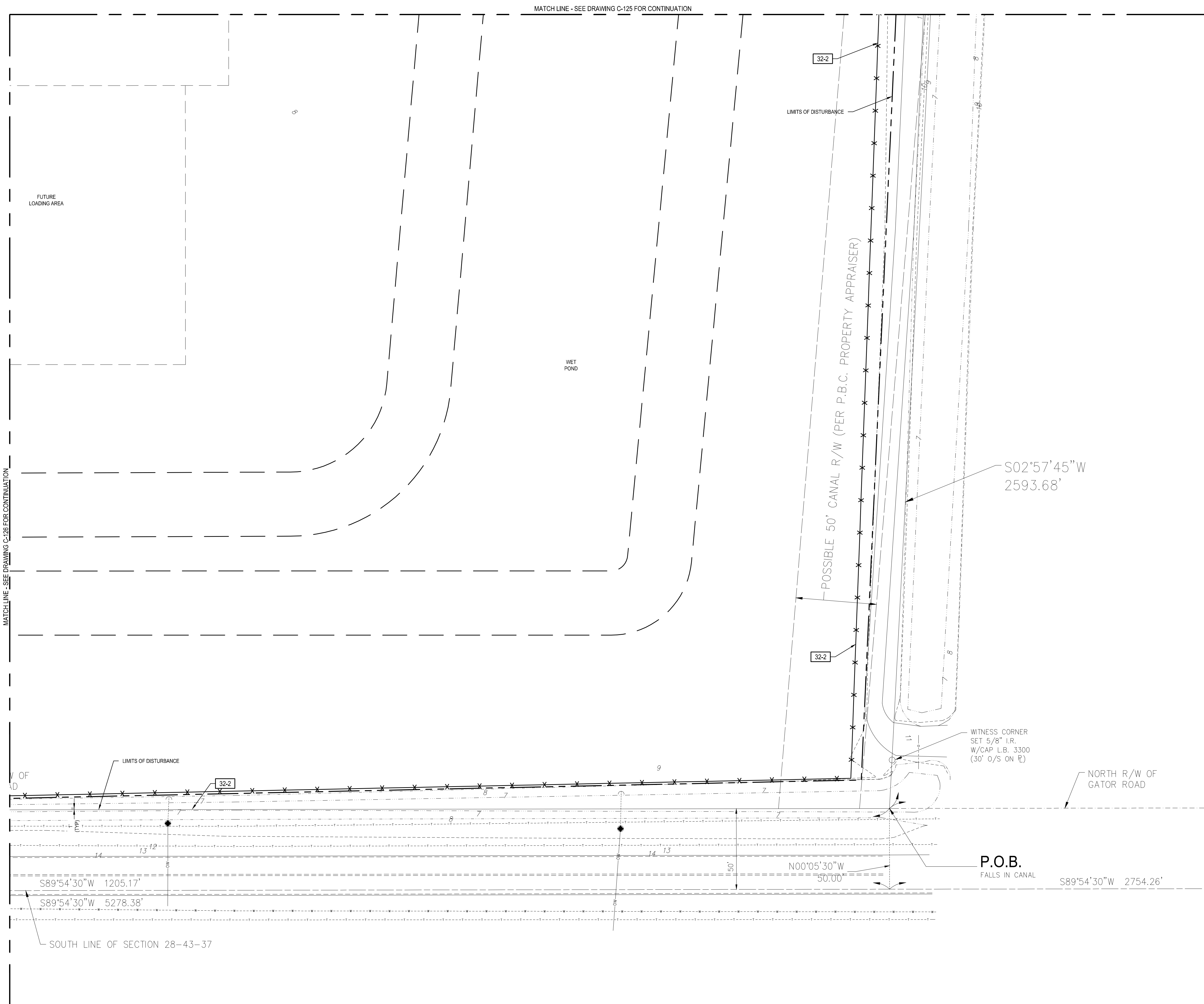
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DATE
12-12-2016

TITLE
PARTIAL SITE PLAN

DRAWING NO.
C-127



SEE DRAWING C-107 FOR GENERAL NOTES AND ABBREVIATIONS.

SEE DRAWING C-147 FOR STORM STRUCTURE TABLE.

SURVEY PROVIDED BY AVIROM & ASSOCIATES DATED 8/29/2015.

THE CONTRACTOR SHALL FIELD VERIFY THE PRESENCE AND LOCATION OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO THE START OF WORK OR IMMEDIATELY UPON DISCOVERY.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RELOCATION OF ANY AND ALL EXISTING PUBLIC, PRIVATE, AND PRIVATE DRAINAGE SYSTEMS, SIDEWALKS, CURBS, OR UTILITIES AS A DIRECT RESULT OF NEW CONSTRUCTION.

ELEVATIONS - ALL ELEVATIONS REFER TO NAD83 1988 DATUM.

MAINTAIN CONSTANT SLOPE BETWEEN SPOT ELEVATIONS.

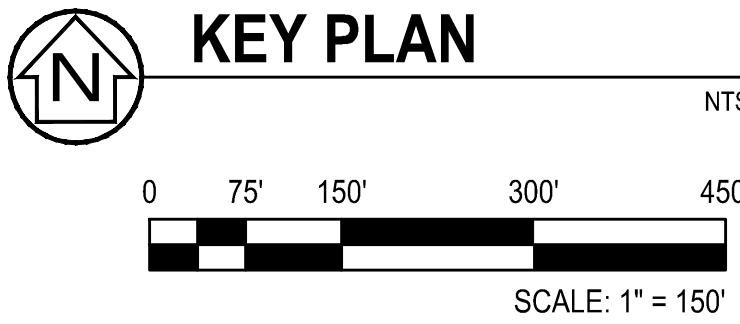
DIMENSIONS ARE TO CENTER OF PIPING AND CENTER OF STRUCTURES.

THE CONTRACTOR SHALL INSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEAN AND FUNCTIONING PROPERLY AT TIME OF ACCEPTANCE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT PERMITS FOR CONSTRUCTION HAVE BEEN OBTAINED AND COPIES OF ALL REQUIRED PERMITS ARE IN HAND PRIOR TO STARTING WORK. THE CONTRACTOR SHALL MAINTAIN DUNDY COPIES OF ALL PERMITS ON-SITE THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD.

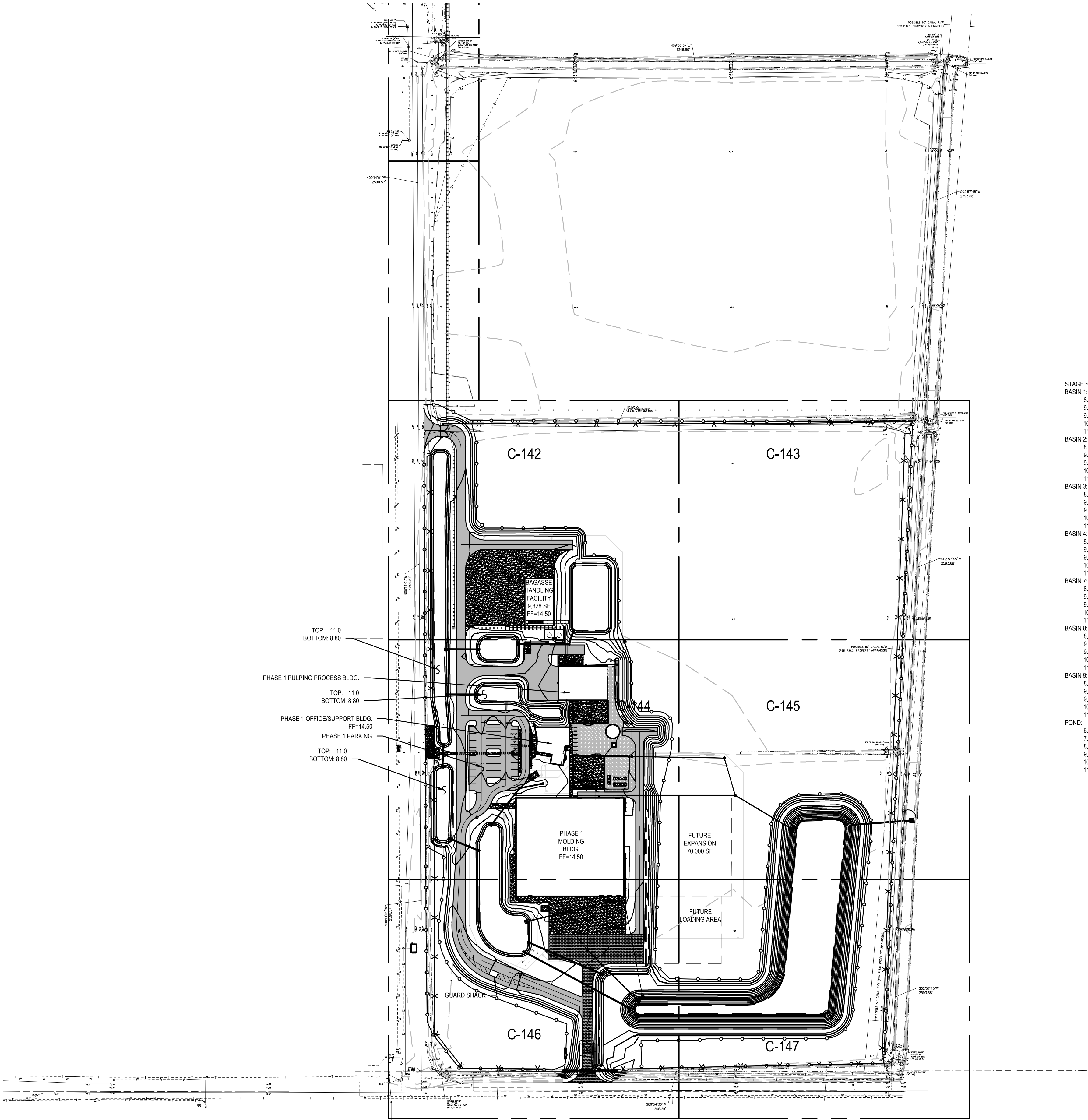
ALL PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN PREVIOUSLY EXISTED UNLESS SPECIFICALLY EXEMPT BY THE PLANS. THE COST FOR SUCH RESTORATION SHALL BE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE ALLOWED.

UNLESS OTHERWISE INDICATED, ALL CUT AND FILL SLOPES OUTSIDE OF AREAS OF CONSTRUCTION SHALL BE MAINTAINED TO THE NATURAL ELEVATIONS OR TOP OF CURB ELEVATIONS SHOWN TO MATCH GRAD AT A MAXIMUM SLOPE OF 5H TO 1V.



NTS

SCALE: 1" = 150'

 $1^{\circ}=150$ 

0:\2011\11\00\01 - LEMARTEC - BAGASSE PP&P - PHASE 1\BAGASSE\141 OVERALL GRADING
AND DRAINAGE\141 OVERALL GRADING AND DRAINAGE.DWG
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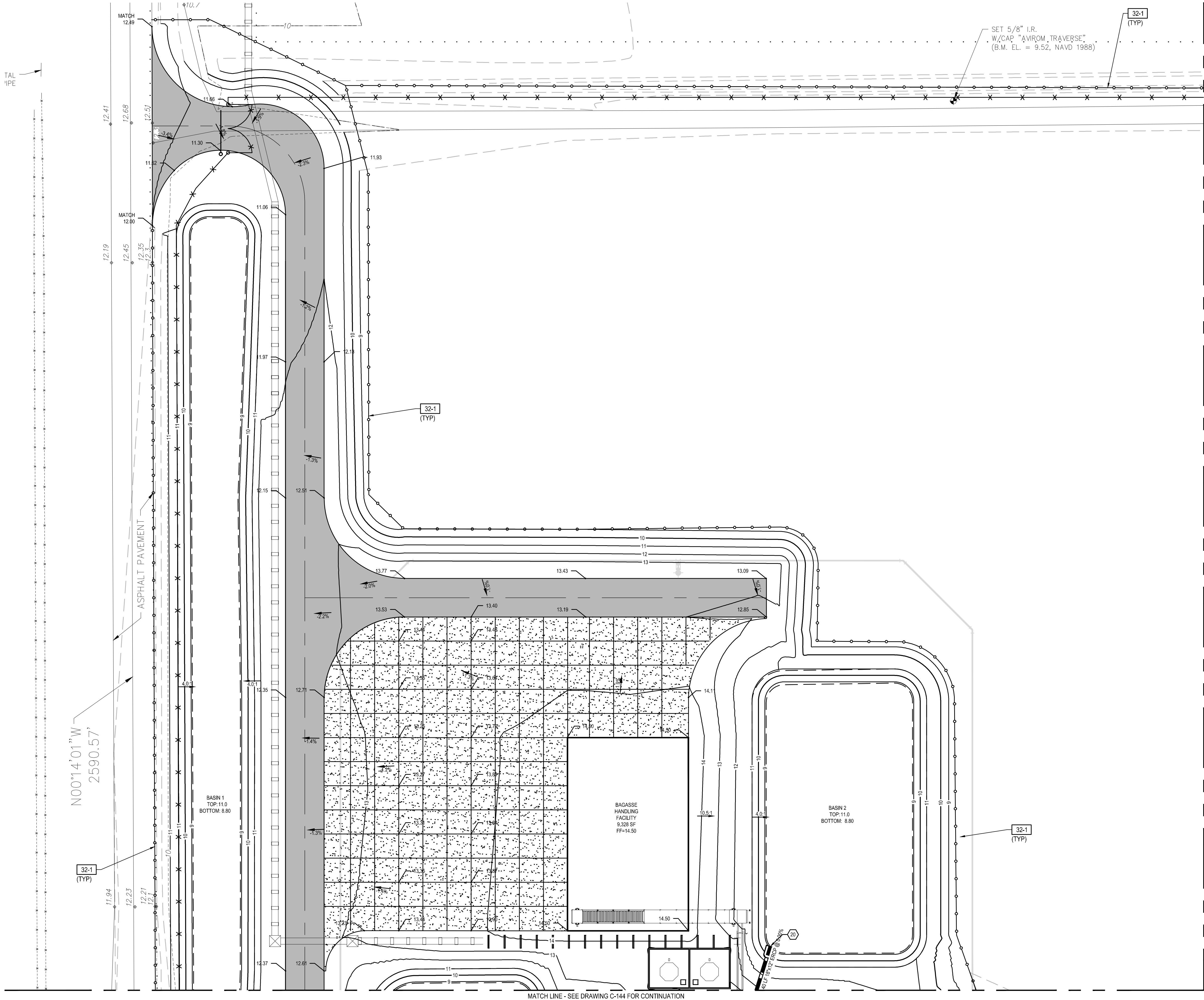
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PARTIAL GRADING AND DRAINAGE PLAN

1"=30'

GENERAL NOTES:

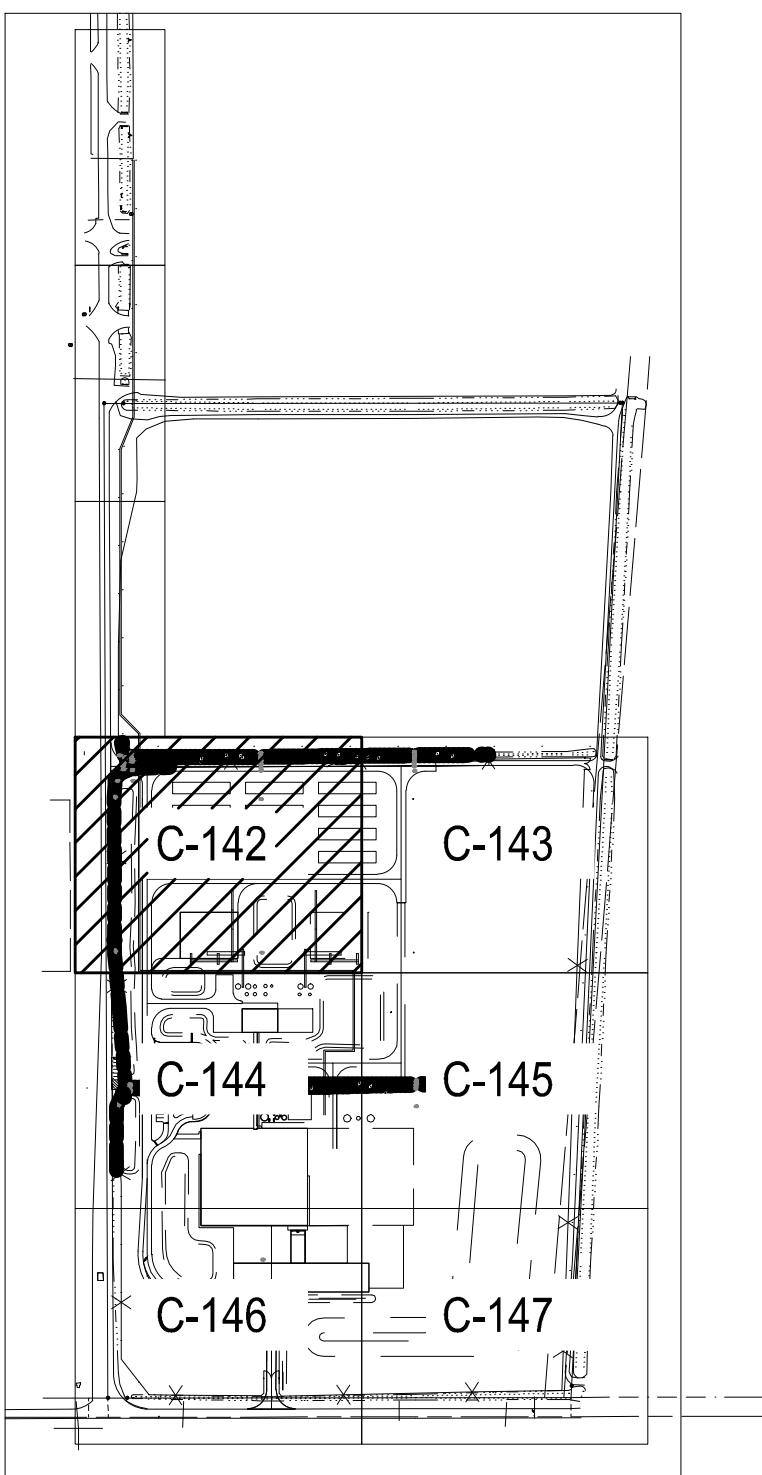
- SEE DRAWING C-147 FOR STORM STRUCTURE TABLE.

NOTES:

- 32-1 PROVIDE FOOT TYPE III SILT FENCE. SEE DETAIL ON DRAWING C-507.

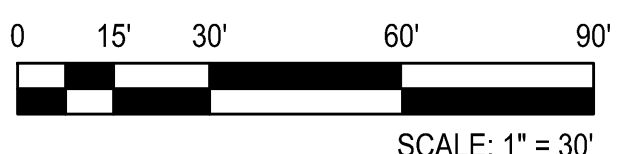
STAGE STORAGE VOLUMES

BASIN 1:	8.80 - 0.48 AC
	9.00 - 0.51 AC
	9.50 - 0.58 AC
	10.00 - 0.65 AC
	11.00 - 0.80 AC
BASIN 2:	8.80 - 0.35 AC
	9.00 - 0.38 AC
	9.50 - 0.38 AC
	10.00 - 0.40 AC
	11.00 - 0.45 AC
BASIN 3:	8.80 - 0.11 AC
	9.00 - 0.11 AC
	9.50 - 0.13 AC
	10.00 - 0.14 AC
	11.00 - 0.17 AC
BASIN 4:	8.80 - 0.13 AC
	9.00 - 0.14 AC
	9.50 - 0.16 AC
	10.00 - 0.19 AC
	11.00 - 0.24 AC
BASIN 7:	8.80 - 0.14 AC
	9.00 - 0.14 AC
	9.50 - 0.16 AC
	10.00 - 0.18 AC
	11.00 - 0.23 AC
BASIN 8:	8.80 - 0.50 AC
	9.00 - 0.51 AC
	9.50 - 0.55 AC
	10.00 - 0.59 AC
	11.00 - 0.67 AC
BASIN 9:	8.80 - 0.02 AC
	9.00 - 0.03 AC
	9.50 - 0.06 AC
	10.00 - 0.10 AC
	11.00 - 0.17 AC
POND:	6.70 - 2.61 AC
	7.00 - 2.68 AC
	8.00 - 2.86 AC
	9.00 - 3.05 AC
	10.00 - 3.24 AC
	11.00 - 3.57 AC



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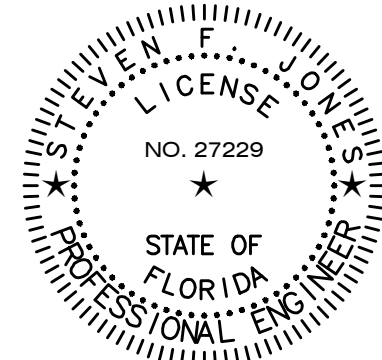
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FL PE 27229

DESIGNED BY

ACOPIAN

DRAWN BY

SMITH

CHECKED BY

JONES

PROJECT NO./CAD CODE

C07111.004.00/C-141 OVERALL GRADING AND DRAINAGE

PLAN.DWG

DATE

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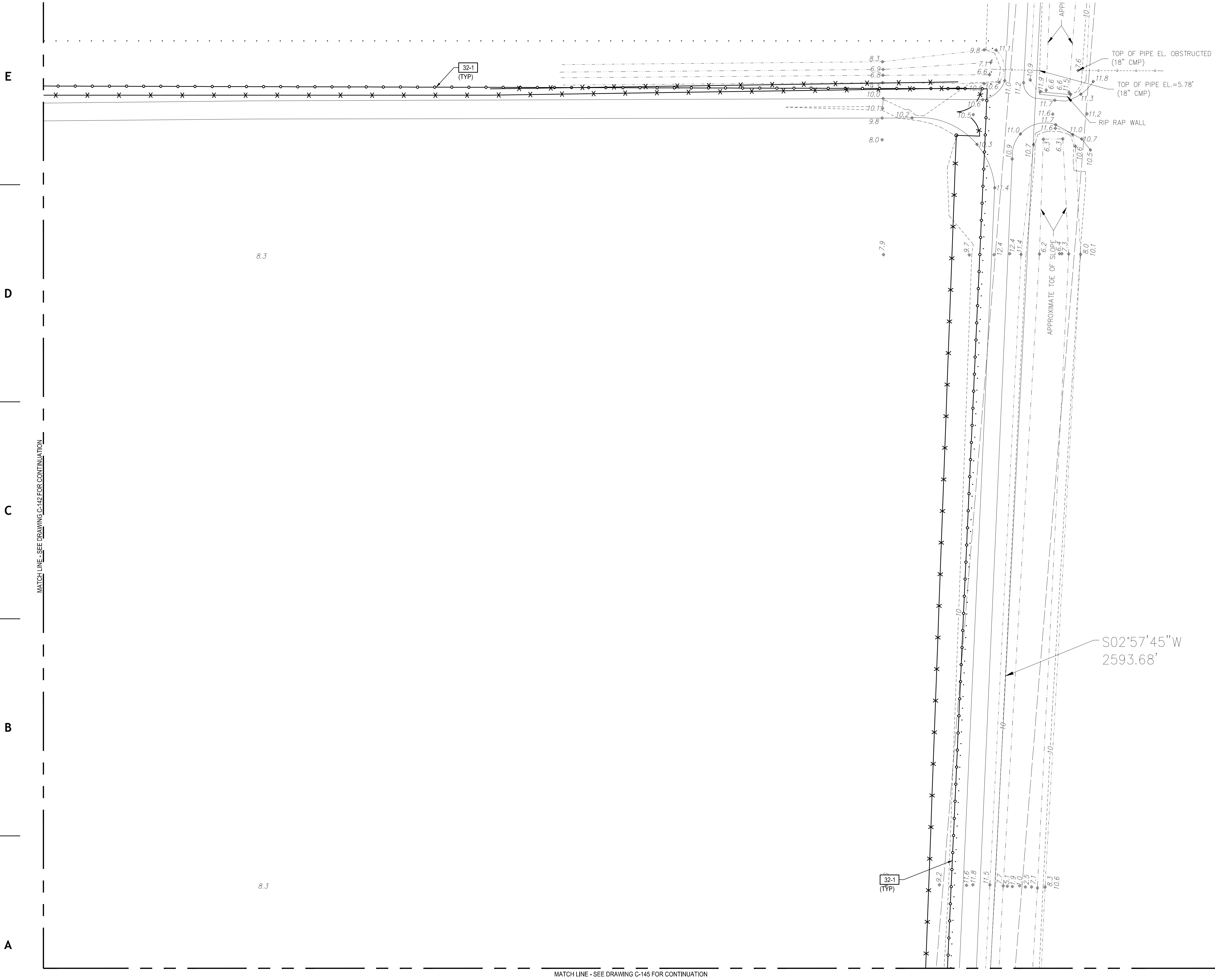
TITLE

PARTIAL GRADING AND DRAINAGE PLAN

DRAWING NO.

C-142

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AND DRAINAGE PLAN.DWG
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PLAN.DWG
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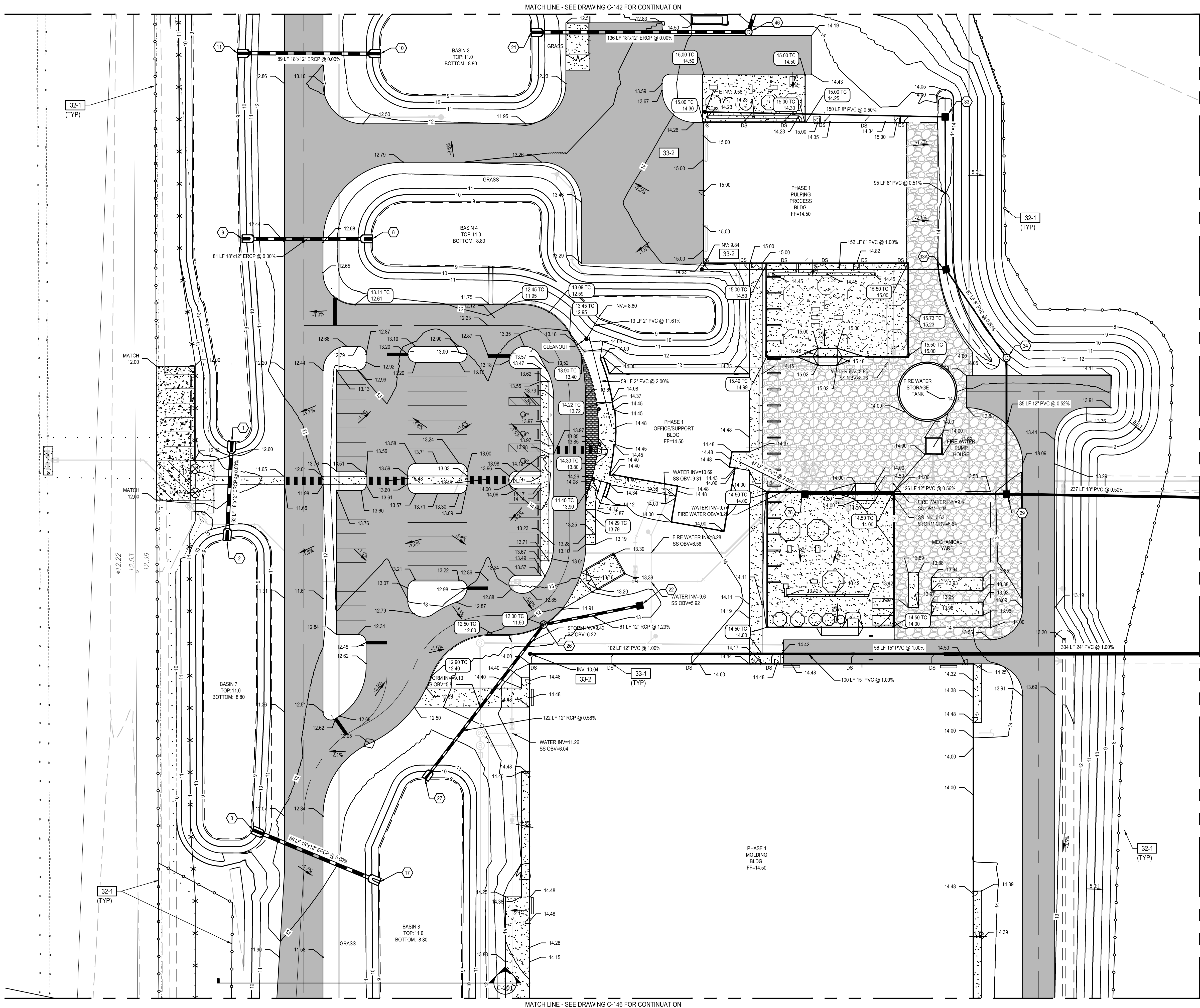
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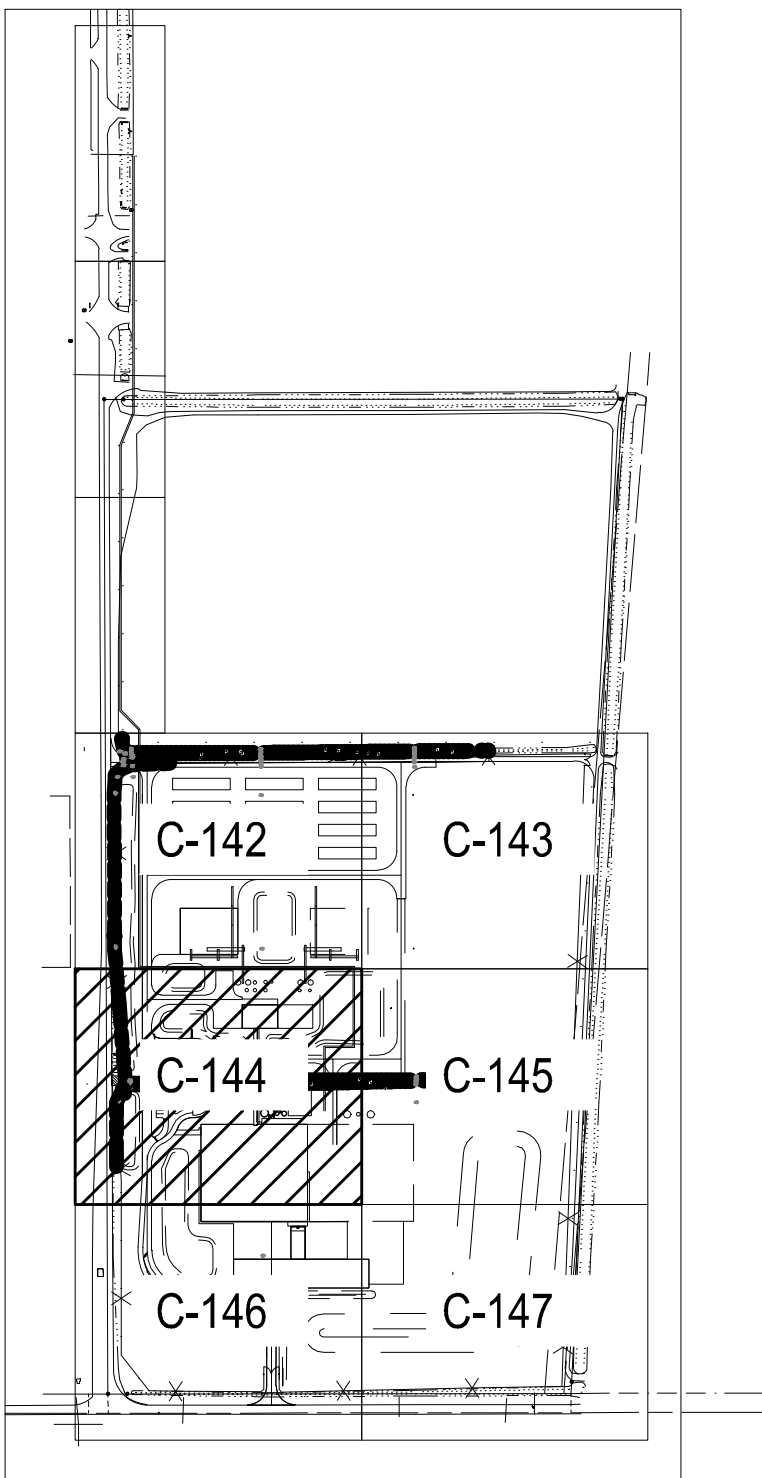


GENERAL NOTES:

- SEE DRAWING C-147 FOR STORM STRUCTURE TABLE.
- MAX 2% SLOPE AWAY FROM THE DOOR FOR ALL STOOPS.

NOTES:

- 32-1 PROVIDE FOOT TYPE III SILT FENCE. SEE DETAIL ON DRAWING C-507.
- 33-1 PROVIDE DOWN SPOUT (DS) CONNECTION. SEE DETAIL.
- 33-2 PROVIDE STORM DRAIN CLEANOUT. SEE SIMILAR DETAIL.



PARTIAL GRADING AND DRAINAGE PLAN

1"=30'



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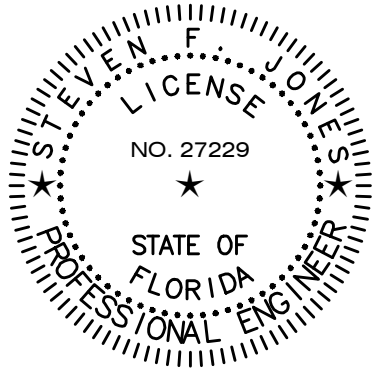
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DATE
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TITLE
PARTIAL GRADING AND DRAINAGE PLAN

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C-144

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AND DRAINAGE PLAN.DWG
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MATCH LINE - SEE DRAWING C-124 FOR CONTINUATION

POSSIBLE 50' CANAL R/W
(PER P.B.C. PROPERTY APPRAISER)

32-1
(TYP)

32-2

TOP OF PIPE EL.=6.41'
(18" CMP)

32-2

32-2

32-1
(TYP)

2
C-201

WET DETENTION POND
TOP: 11.0
BOTTOM: -0.80
NWL: 6.7

MATCH LINE - SEE DRAWING C-147 FOR CONTINUATION



PARTIAL GRADING AND DRAINAGE PLAN

1"=30'

GENERAL NOTES:

- SEE DRAWING C-147 FOR STORM STRUCTURE TABLE.

NOTES:

- 32-1 PROVIDE FOOT TYPE III SILT FENCE. SEE DETAIL ON DRAWING C-507.
- 32-2 PROVIDE FLOATING TURBIDITY BARRIER. SEE DETAIL ON DRAWING C-507.
- 32-3 PROVIDE #57 STONE ON WEED BLOCK CLOTH OUTLET PROTECTION.



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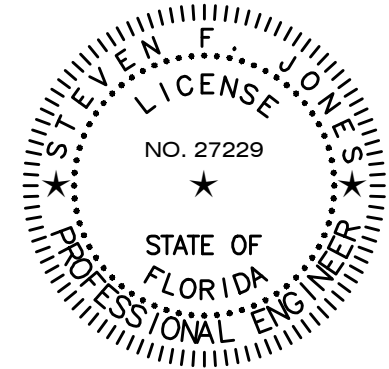
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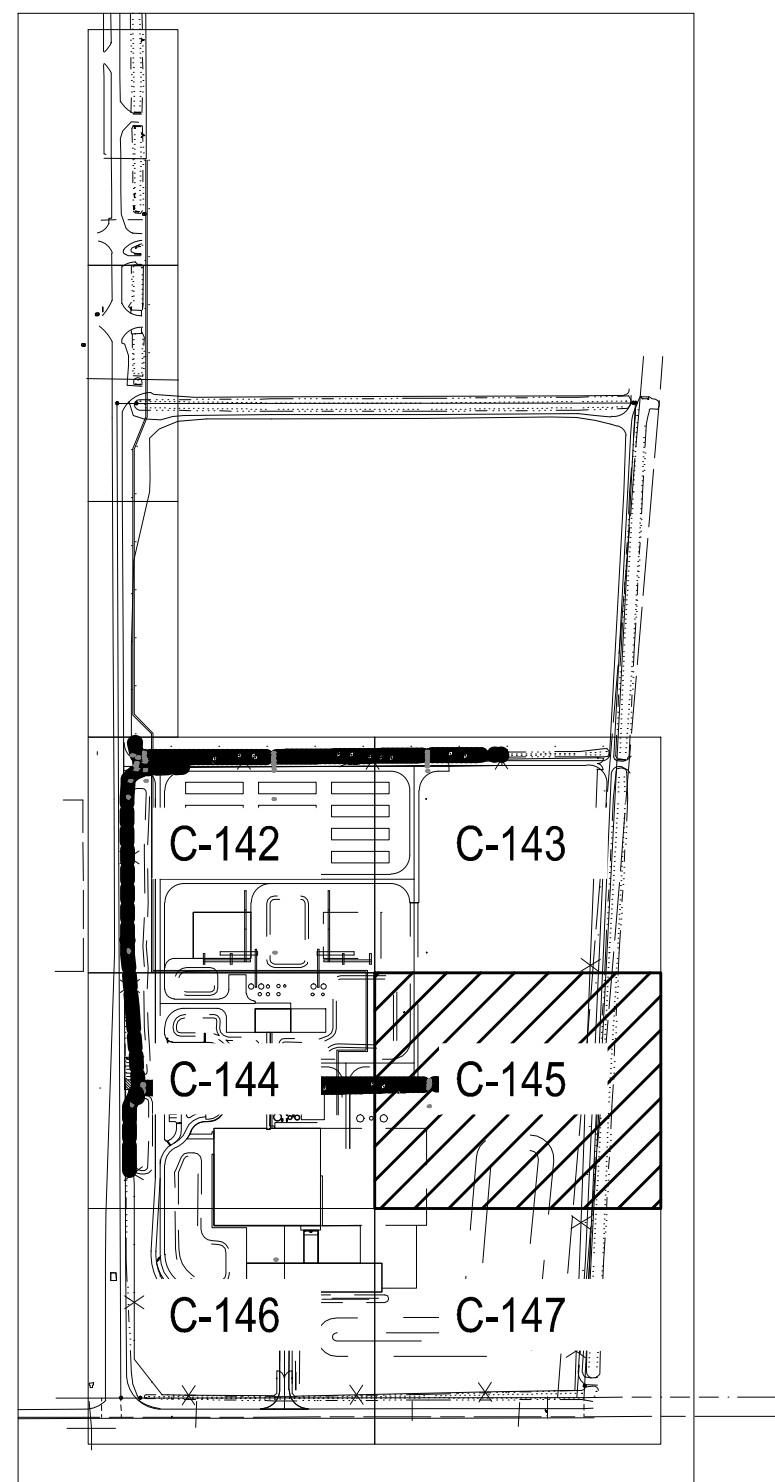
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PLAN.DWG

DATE
12-12-2016

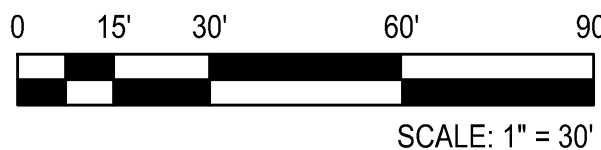
TITLE
**PARTIAL GRADING AND
DRAINAGE PLAN**

DRAWING NO.
C-145



KEY PLAN

NTS



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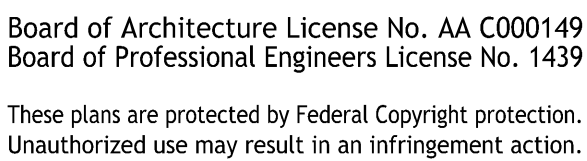
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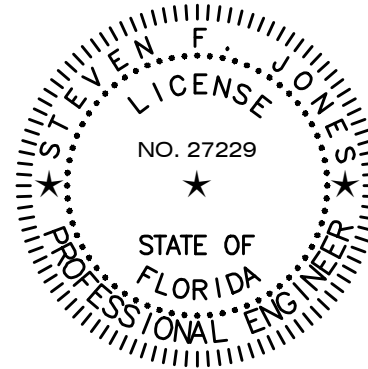
 $1''=30'$

1. SEE DRAWING C-147 FOR STORM STRUCTURE TABLE

3-1	PROVIDE 2X2X4" 4,000 PSI COMPRESSIVE STRENGTH CONCRETE PAD AT POND BOTTOM ELEVATION NEXT TO ORIFICE IN CONTROL STRUCTURE #2.
32-1	PROVIDE FDOT TYPE III SILT FENCE. SEE DETAIL ON DRAWING C-507.
32-3	PROVIDE #57 STONE ON WEED BLOCK CLOTH OUTLET PROTECTION.
33-1	PROVIDE DOWN SPOUT (DS) CONNECTION. SEE DETAIL.
33-2	PROVIDE STORM DRAIN CLEANOUT. SEE SIMILAR DETAIL.

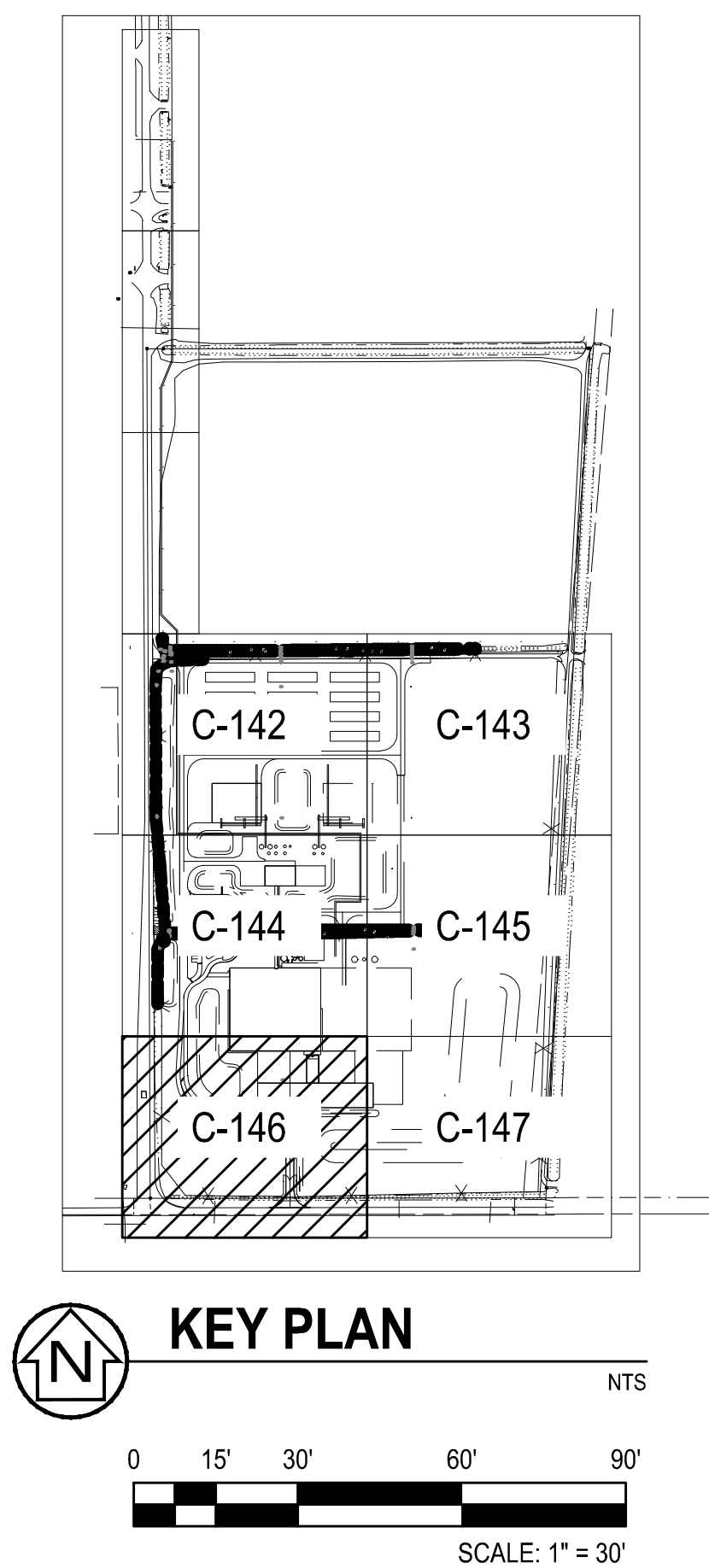


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TITLE
**PARTIAL GRADING AND
DRAINAGE PLAN**

C-146



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12/11/2016 8:55 AM

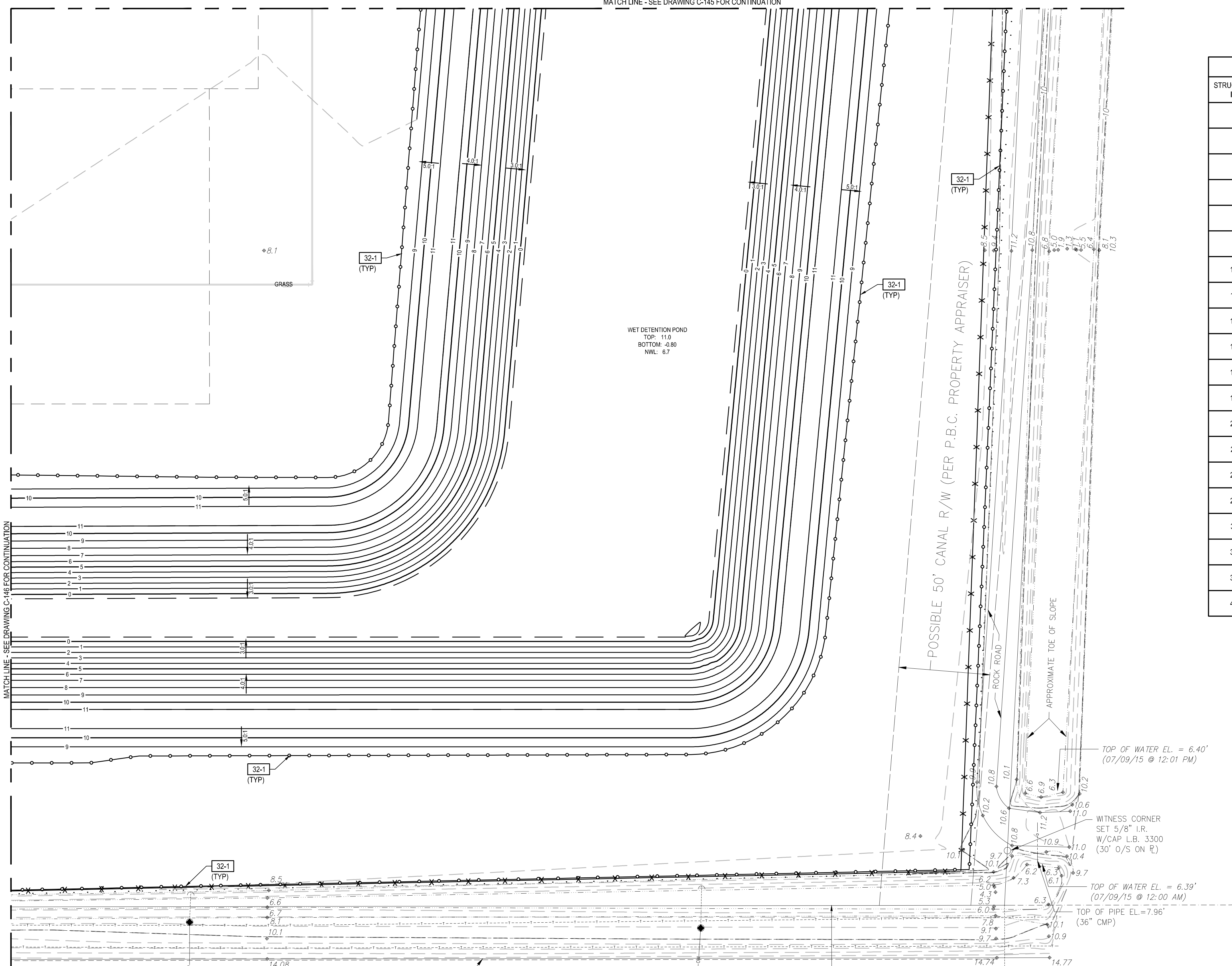
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DRAINAGE STRUCTURE TABLE				
STRUCTURE ID	RIM / FLOW ELEVATION	STRUCTURE INVERTS	LOCATION	COMMENTS
4	RIM = 9.50	SE INV. = 6.50, 18" RCP	N. : 859449.5143 E. : 771486.9304	CONTROL STRUCTURE 2 BLEED DOWN (3'0") INV. 8.80 OVERFLOW WEIR INV 9.50
16	RIM = 9.10	E INV. = 4.50, 18" RCP	N. : 859775.4948 E. : 772328.0957	CONTROL STRUCTURE 1 BLEED DOWN (3.5'0") INV. 6.70 OVERFLOW WEIR INV 9.10
22	RIM = 12.75	W INV. = 10.75, 12" RCP	N. : 859881.1148 E. : 771534.1633	FDOT TYPE C STRUCTURE
24	RIM = 12.28	NW INV. = 9.53, 12" PVC N INV. = 9.54, 12" PVC SE INV. = 7.54, 24" PVC	N. : 859453.9114 E. : 771649.1839	STORM MANHOLE
26	RIM = 12.00	E INV. = 10.00, 12" RCP SW INV. = 9.50, 12" RCP	N. : 859869.2662 E. : 771474.2399	4'Ø FDOT INDEX 200 TYPE P STRUCTURE WITH TYPE 10 CURB INLET TOP (FDOT INDEX 214)
28	RIM = 13.00	NW INV. = 6.80, 2" PVC E INV. = 6.70, 12" PVC	N. : 859950.7214 E. : 771637.2099	TYPE C INLET STRUCTURE WITH GRATE PER FDOT INDEX 232.
29	RIM = 12.00	W INV. = 6.00, 12" PVC N INV. = 7.55, 12" PVC E INV. = 5.90, 18" PVC	N. : 859950.7214 E. : 771762.9469	TYPE C INLET STRUCTURE WITH GRATE PER FDOT INDEX 232.



PARTIAL GRADING AND DRAINAGE PLAN

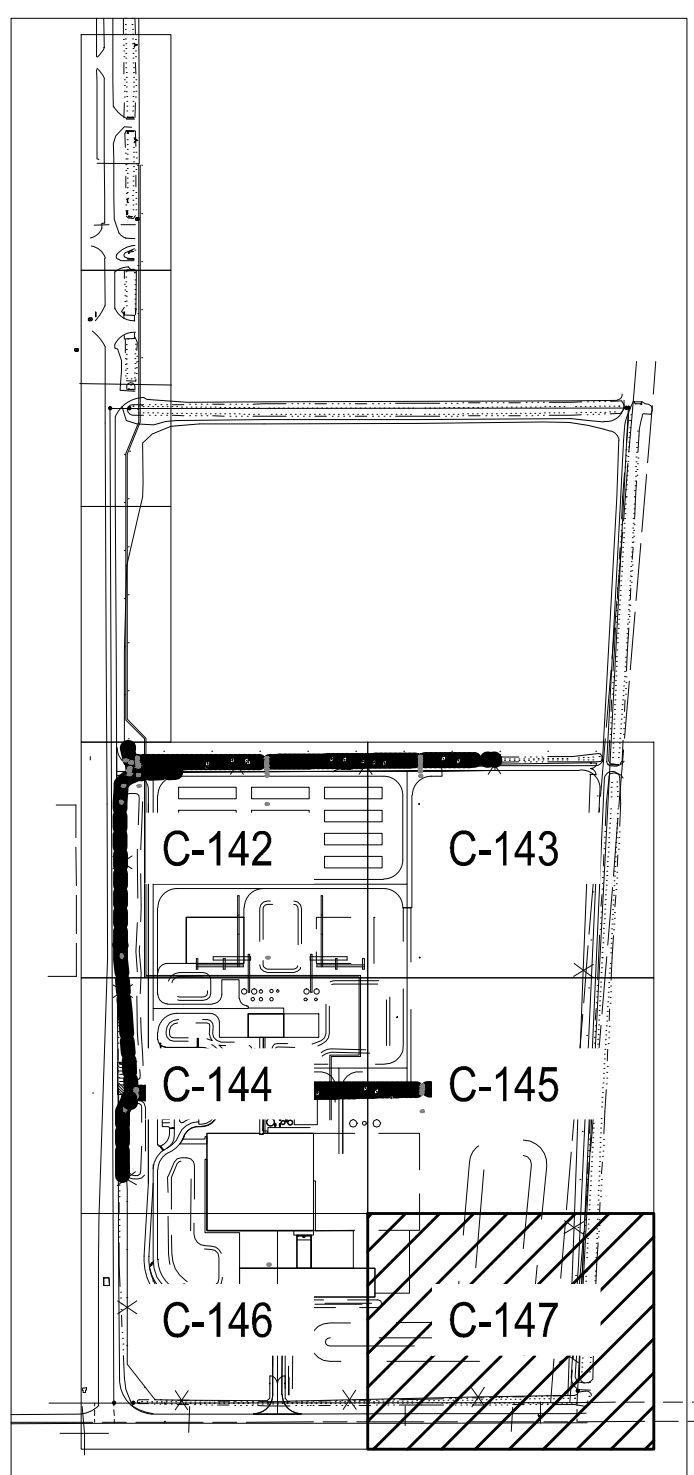
1"=30'

DRAINAGE STRUCTURE TABLE				
STRUCTURE ID	RIM / FLOW ELEVATION	STRUCTURE INVERTS	LOCATION	COMMENTS
30	RIM = 8.01	W INV. = 4.72, 18" PVC S INV. = 4.72, 18" PVC	N. : 859946.7524 E. : 772000.1209	STORM STRUCTURE
32	RIM = 7.96	W INV. = 4.42, 24" PVC N INV. = 4.42, 18" PVC SE INV. = 4.42, 24" PVC	N. : 859851.2237 E. : 772027.7964	STORM STRUCTURE
33	RIM = 13.50	W INV. = 8.81, 8" PVC S INV. = 8.81, 8" PVC	N. : 860186.0848 E. : 771724.6537	TYPE C INLET STRUCTURE WITH GRATE PER FDOT INDEX 232.
33A	RIM = 14.05	N INV. = 8.33, 8" PVC W INV. = 8.33, 8" PVC SE INV. = 8.33, 8" PVC	N. : 860090.8901 E. : 771725.2525	TYPE C INLET STRUCTURE WITH GRATE PER FDOT INDEX 232.
34	RIM = 13.48	NW INV. = 7.99, 8" PVC S INV. = 7.99, 12" PVC	N. : 860035.7450 E. : 771762.9469	STORM MANHOLE
46	RIM = 14.13	N INV. = 8.80, 18"x12" ERCP W INV. = 8.80, 18"x12" ERCP	N. : 860239.0172 E. : 771602.0202	STORM MANHOLE

NOTES:

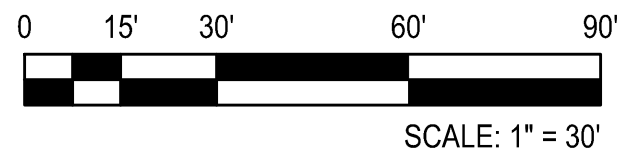
32-1 PROVIDE FDOT TYPE III SILT FENCE. SEE DETAIL ON
DRAWING C-307.

DRAINAGE STRUCTURE TABLE - MITERED END SECTIONS			
STRUCTURE ID	STRUCTURE INVERTS	LOCATION	COMMENTS
1	INV. = 8.80, 18"x12" ERCP	N. : 859983.5551 E. : 771279.8012	MITERED END SECTION PER FDOT INDEX 272
2	INV. = 8.80, 18"x12" ERCP	N. : 859821.8450 E. : 771276.6622	MITERED END SECTION PER FDOT INDEX 272
3	INV. = 8.80, 18"x12" ERCP	N. : 859741.2187 E. : 771292.7157	MITERED END SECTION PER FDOT INDEX 272
5	INV. = 4.25, 18" RCP	N. : 859304.1357 E. : 771759.0573	MITERED END SECTION PER FDOT INDEX 272
8	INV. = 8.80, 18"x12" ERCP	N. : 860109.9927 E. : 771367.3746	MITERED END SECTION PER FDOT INDEX 272
9	INV. = 8.80, 18"x12" ERCP	N. : 860110.0775 E. : 771286.1425	MITERED END SECTION PER FDOT INDEX 272
10	INV. = 8.80, 18"x12" ERCP	N. : 860225.5547 E. : 771372.3809	MITERED END SECTION PER FDOT INDEX 272
11	INV. = 8.80, 18"x12" ERCP	N. : 860225.7874 E. : 771283.2099	MITERED END SECTION PER FDOT INDEX 272
12	INV. = 7.98, 36" RCP	N. : 859142.9549 E. : 771585.9521	MITERED END SECTION PER FDOT INDEX 272
13	INV. = 7.42, 36" RCP	N. : 859143.5359 E. : 771724.5852	MITERED END SECTION PER FDOT INDEX 272
15	INV. = 4.00, 18" RCP	N. : 859786.4157 E. : 7712475.4512	ENDWALL SECTION PER FDOT INDEX 250
17	INV. = 8.80, 18"x12" ERCP	N. : 859708.6270 E. : 771371.8346	MITERED END SECTION PER FDOT INDEX 272
20	INV. = 8.80, 18"x12" ERCP	N. : 860277.3966 E. : 771613.9790	MITERED END SECTION PER FDOT INDEX 272
21	INV. = 8.80, 18"x12" ERCP	N. : 860238.8438 E. : 771466.4587	MITERED END SECTION PER FDOT INDEX 272
25	INV. = 8.80, 18"x12" ERCP	N. : 859474.6331 E. : 771495.8872	MITERED END SECTION PER FDOT INDEX 272
27	INV. = 8.80, 12" RCP	N. : 859772.8493 E. : 771400.2922	MITERED END SECTION PER FDOT INDEX 272
31	INV. = 4.00, 24" PVC	N. : 859764.3524 E. : 772173.4381	MITERED END SECTION PER FDOT INDEX 272
35	INV. = 4.00, 24" PVC	N. : 859325.4409 E. : 771777.5176	MITERED END SECTION PER FDOT INDEX 272
36	INV. = 8.80, 18"x12" ERCP	N. : 859392.0571 E. : 771687.0011	MITERED END SECTION PER FDOT INDEX 272
45	INV. = 7.00, 8" PVC	N. : 859335.9441 E. : 771790.2926	MITERED END SECTION PER FDOT INDEX 272



KEY PLAN

NTS



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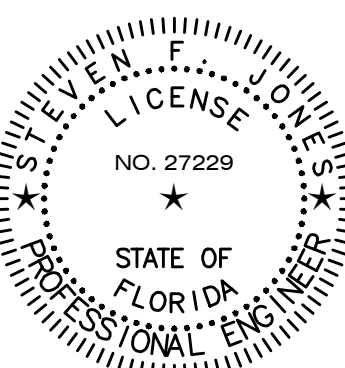
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RENEWCO, LLC



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STEVEN F. JONES
FL PE 27229
DESIGNED BY
ACOPIAN
DRAWN BY
SMITH
CHECKED BY
JONES

PROJECT NO./CAD CODE
C07111.004.000-C-141 OVERALL GRADING AND DRAINAGE
PLAN.DWG

DATE
12-12-2016

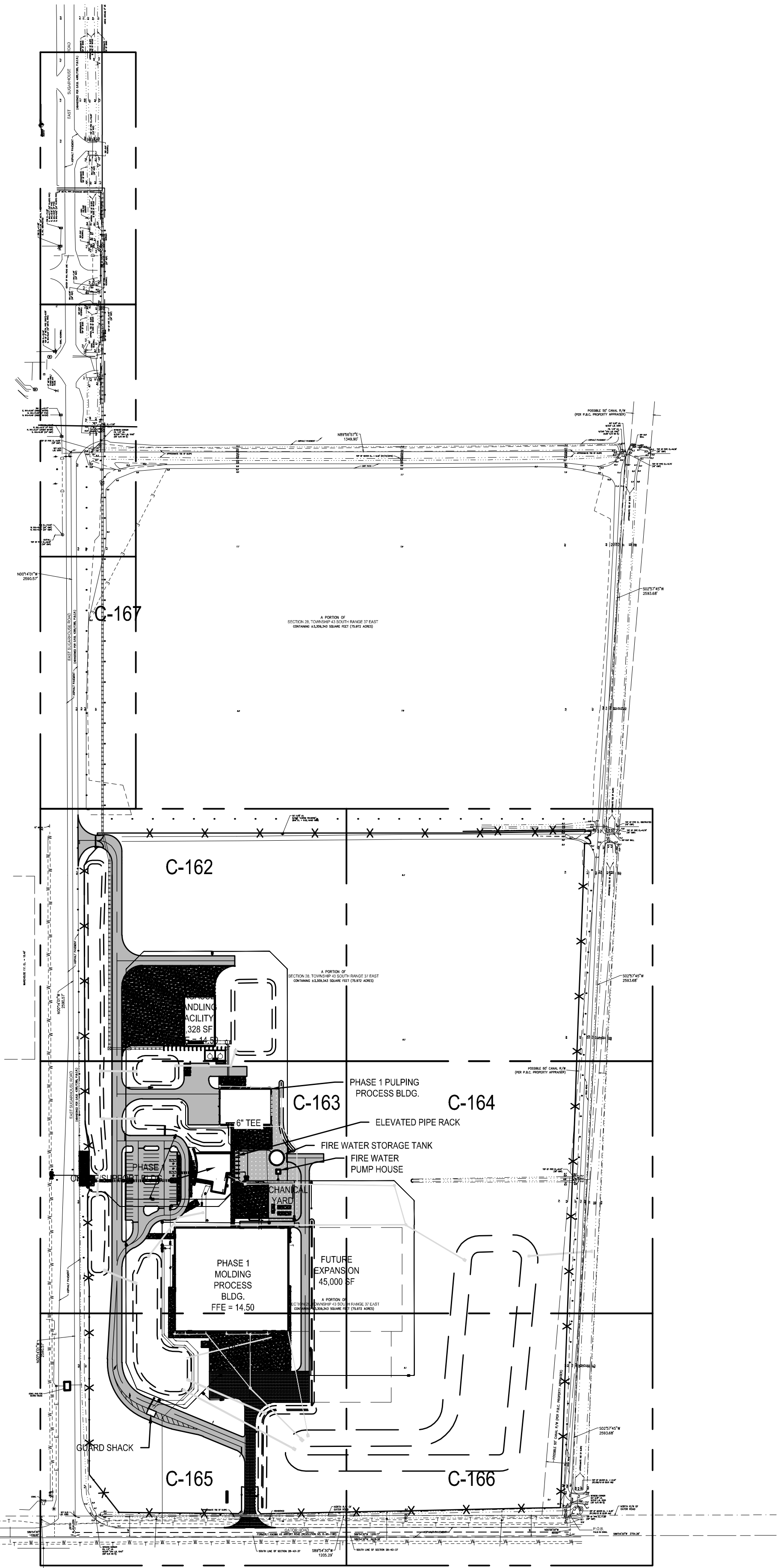
PARTIAL GRADING AND DRAINAGE PLAN

DRAWING NO.
C-147

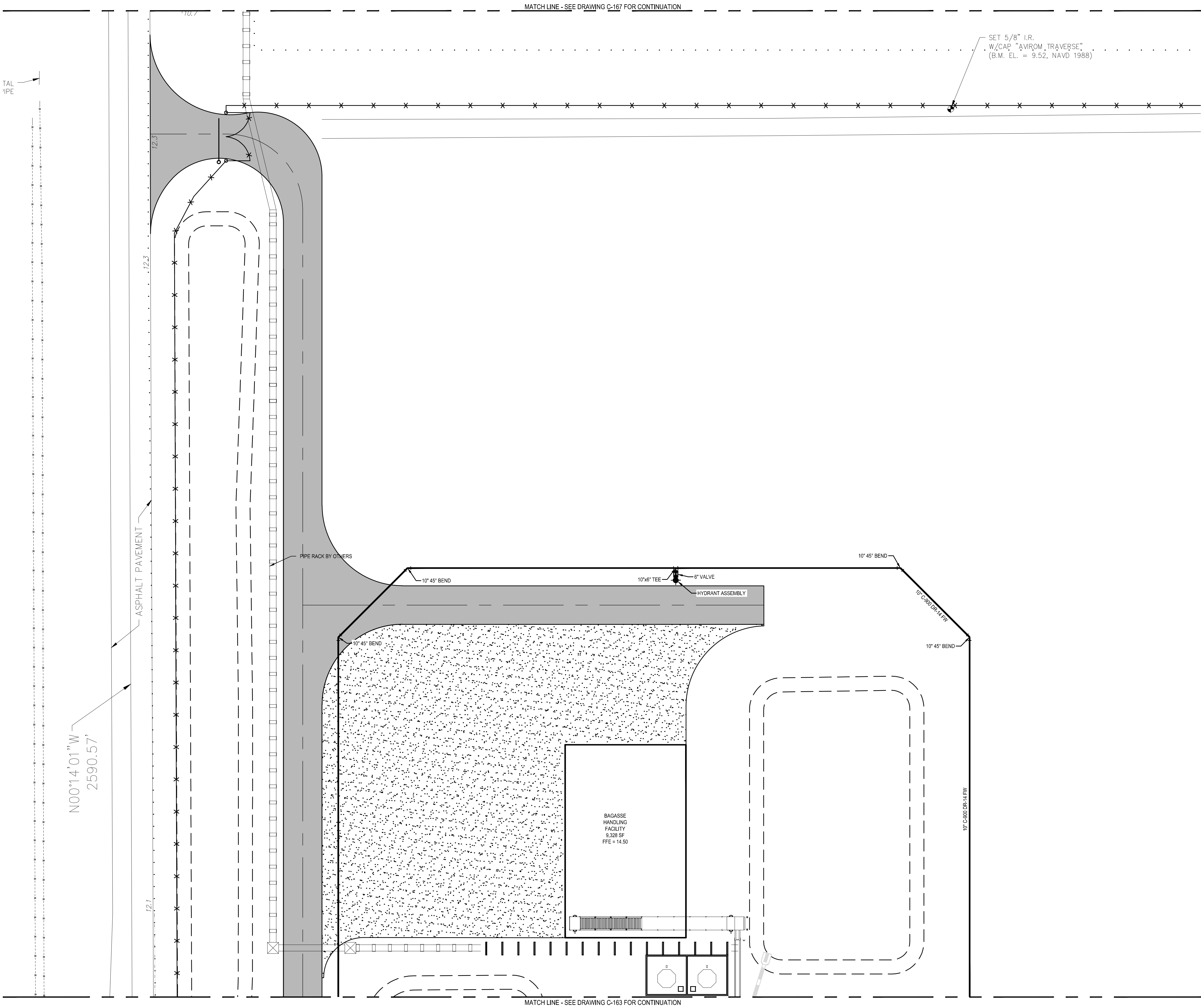
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DATE
12-12-2016

TITLE
OVERALL UTILITY PLAN

DRAWING NO.
C-161

 **OVERALL UTILITY PLAN** 1"=200'



GENERAL NOTES:

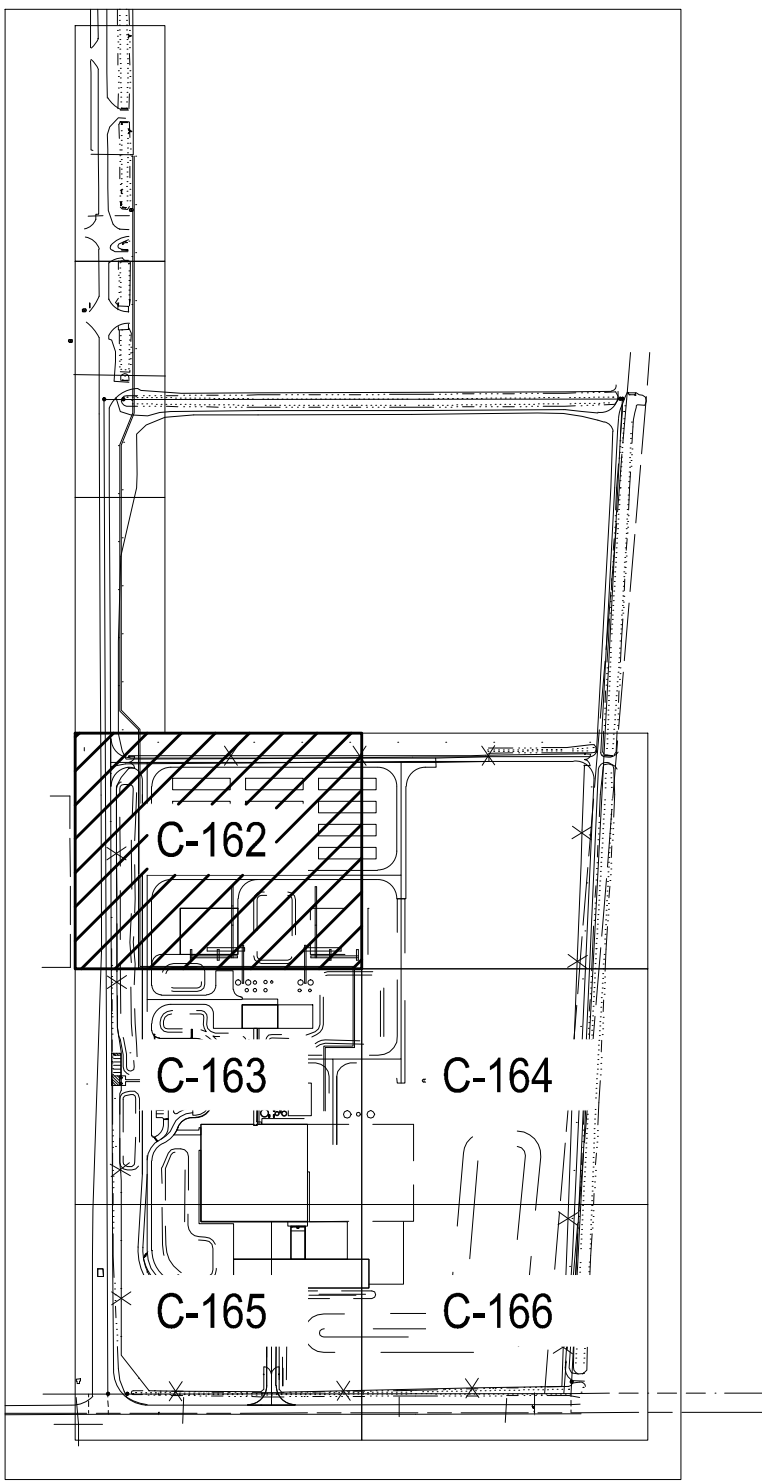
1. SEE DRAWING C-001 FOR LEGEND AND ABBREVIATIONS.

NOTES:

- 22-1 SEE PLUMBING DRAWINGS FOR CONTINUATION.

NOTES:

THE INDUSTRIAL WASTE PIPING AND PUMP SYSTEMS DEPICTED ON THESE DRAWINGS ARE SHOWN FOR INFORMATION ONLY. FINAL DESIGN MAY BE DIFFERENT.



KEY PLAN

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PARTIAL UTILITY PLAN

1"=30'



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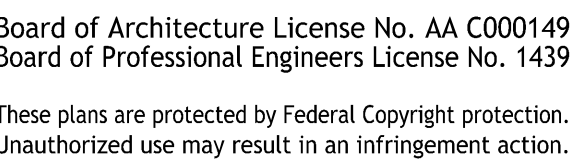
DATE
12-12-2016

TITLE
PARTIAL UTILITY PLAN

DRAWING NO.
C-162

DRAWING NO.
C-162

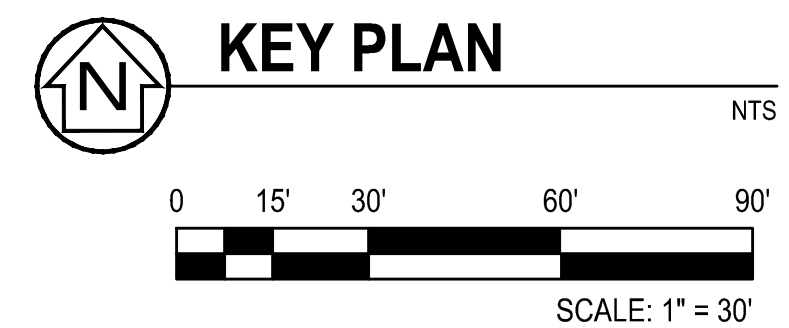
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TITLE

PARTIAL UTILITY PLAN

DRAWING NO.
C-163



NTS

SCALE: 1" = 30'

6

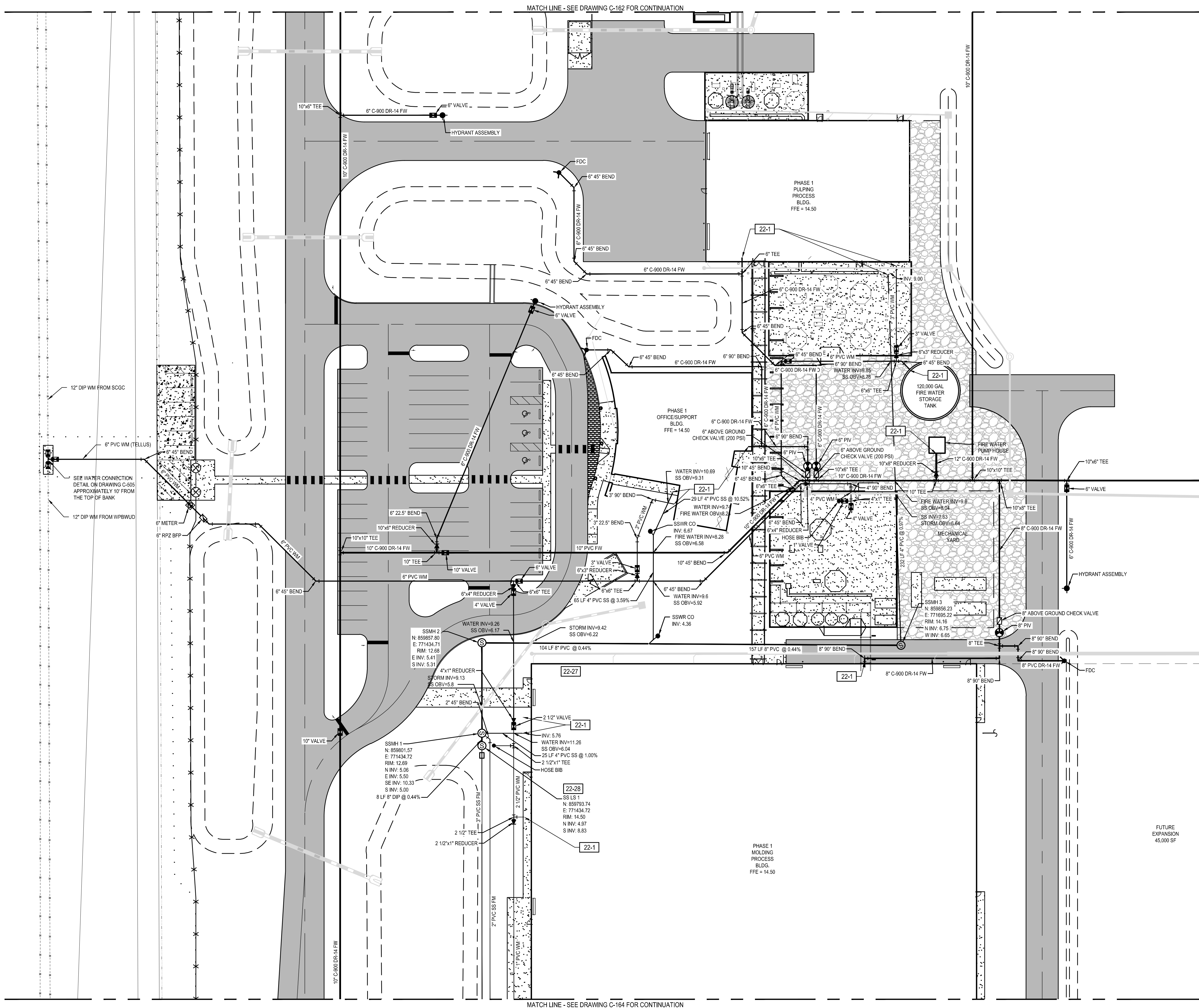
5

4

3

2

1



MATCH LINE - SEE DRAWING C-164 FOR CONTINUATION

PARTIAL UTILITY PLAN

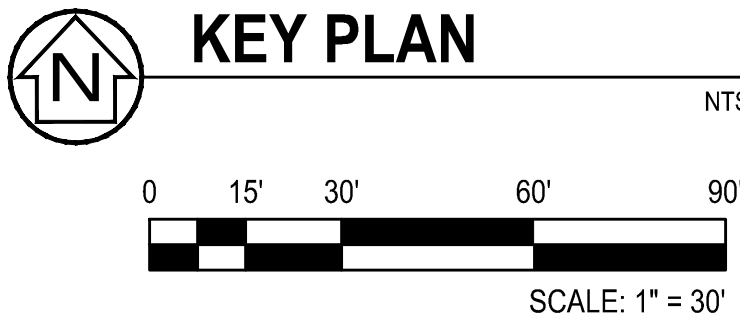
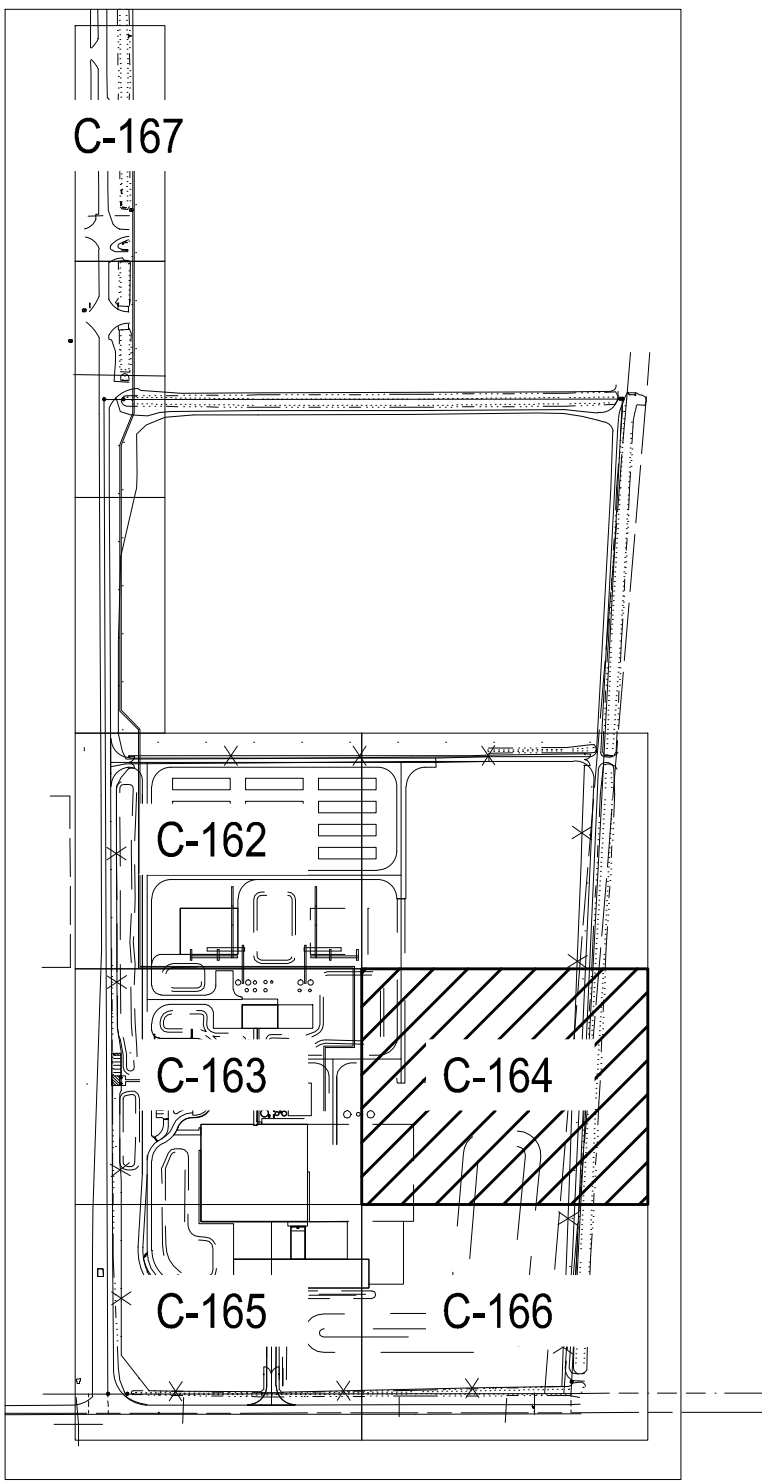
 $1^{\circ}=30'$ 

010C07111.004.00 - LEMARTEC - BAGASSE PP&P - PHASE 1BISHEETS/C-161 OVERALL UTILITY
PLAN.DWG
12/11/2016 10:03 AM

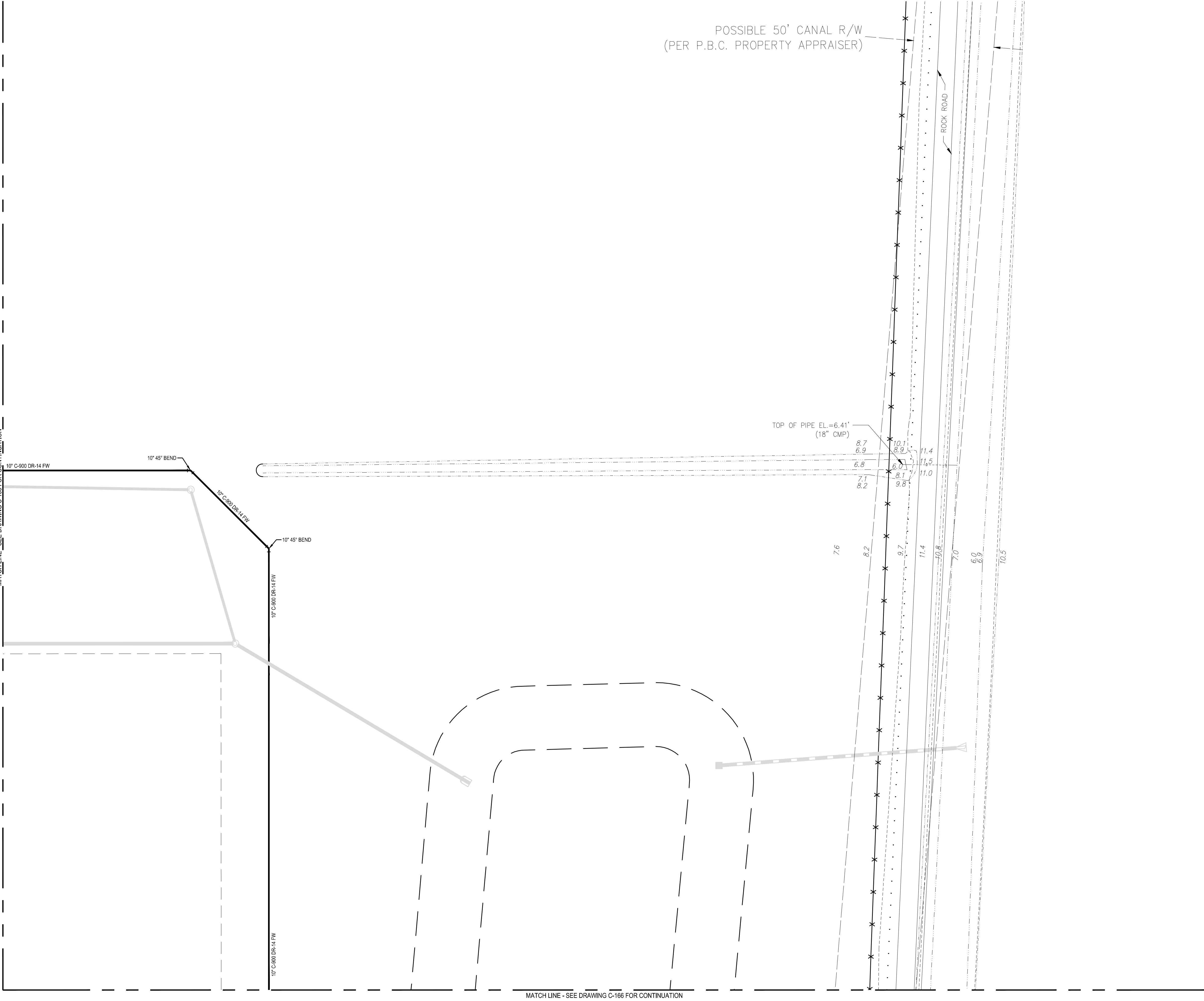
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 DESIGNED BY
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 DRAWN BY
 DRAWN NAME
 CHECKED BY
 CHECKED NAME
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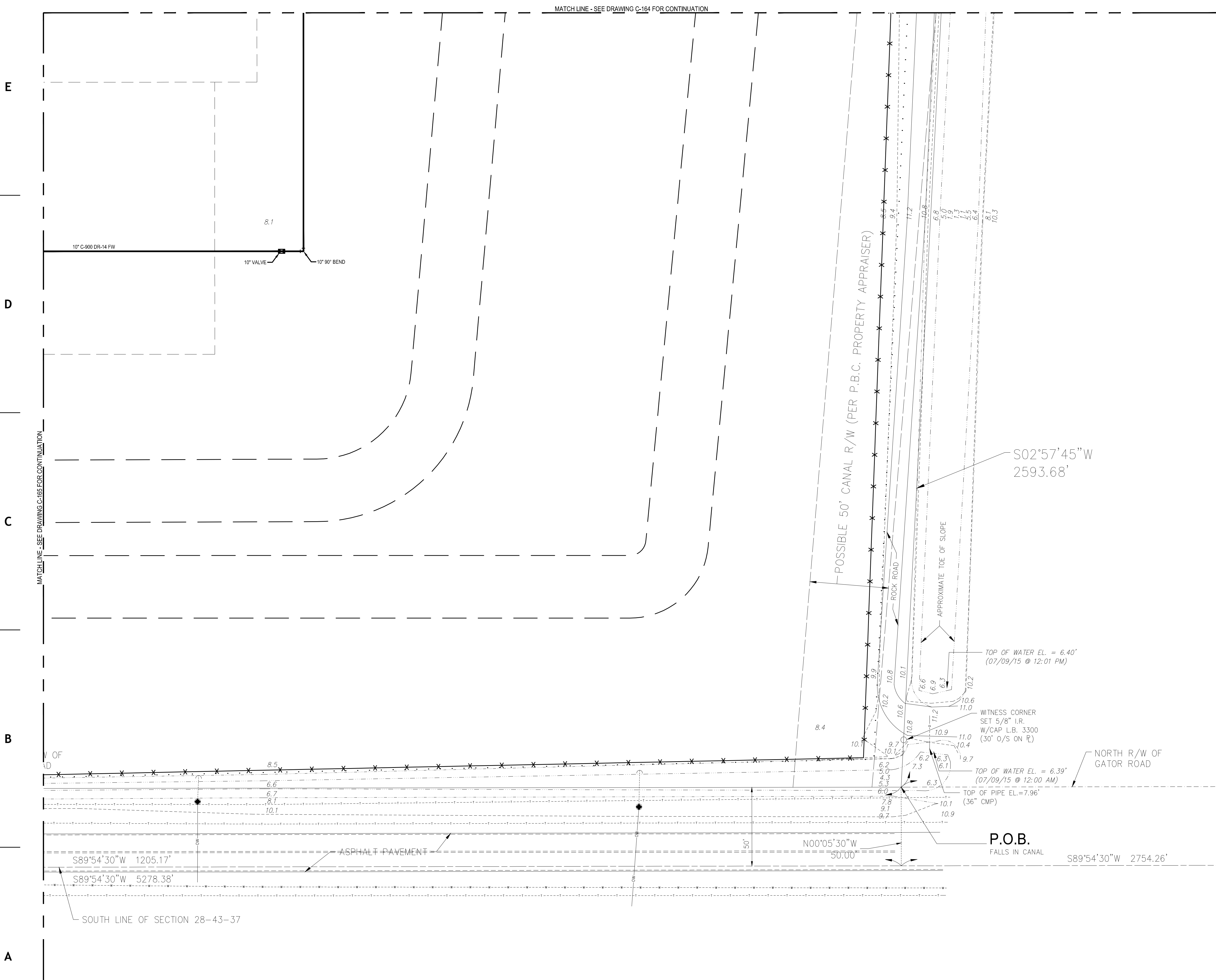
DRAWING NO.
C-164



1. SEE DRAWING C-001 FOR LEGEND AND ABBREVIATIONS

NOTES: ☐

0:03/11/04/00 - LEMARTEC - BAGASSE P&P - PHASE 1B SHEETS C-161 OVERALL UTILITY
12/11/2016 10:06 AM



GENERAL NOTES:

1. SEE DRAWING C-001 FOR LEGEND AND ABBREVIATIONS.

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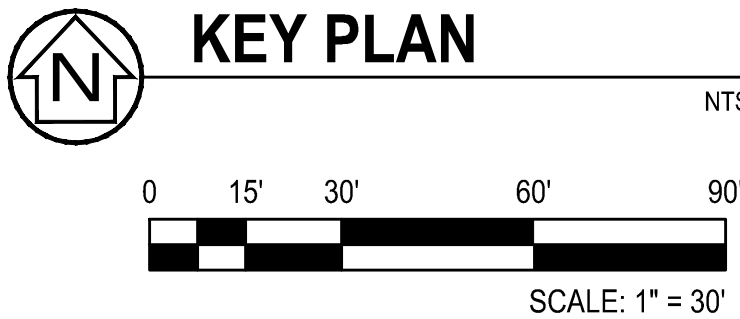
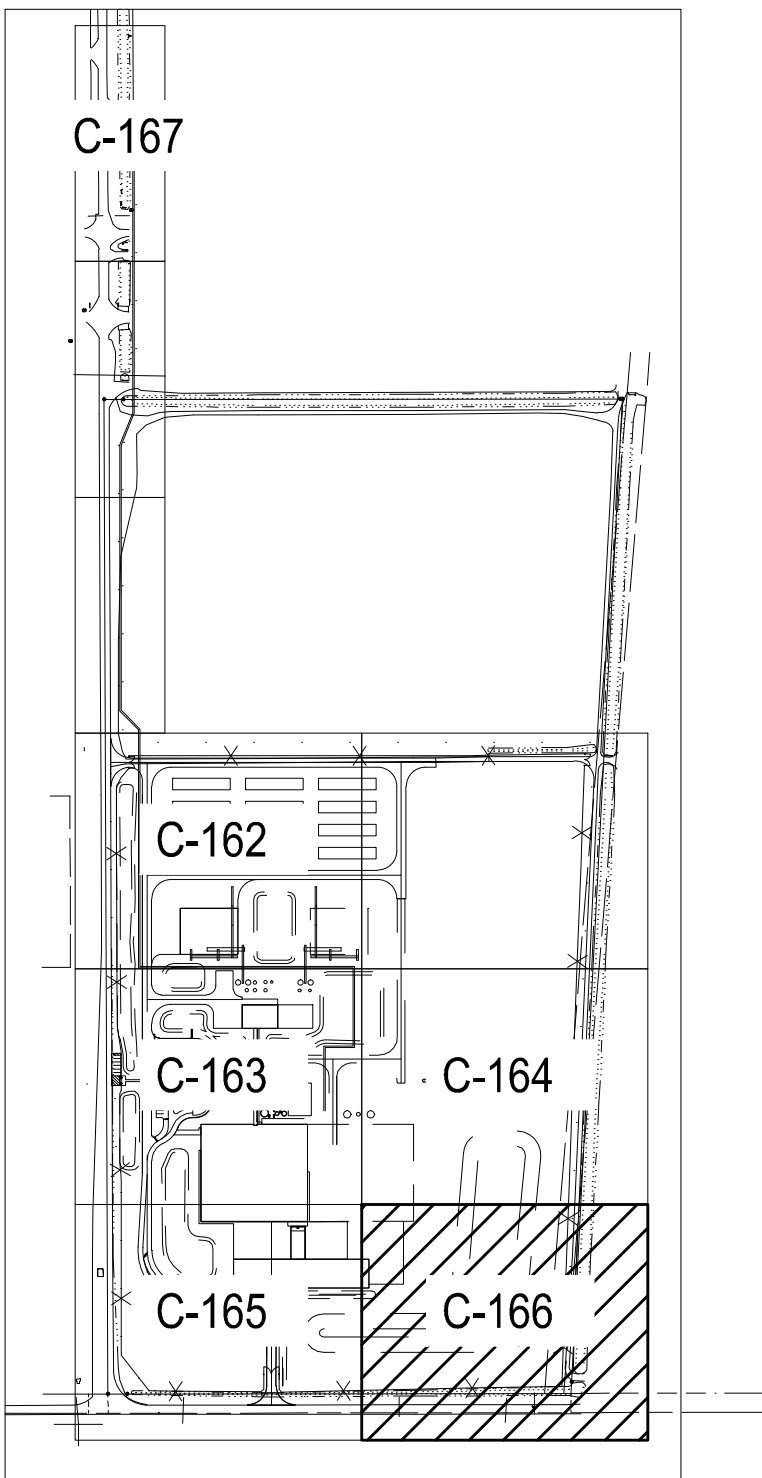
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PARTIAL UTILITY PLAN
1"=30'

1

2

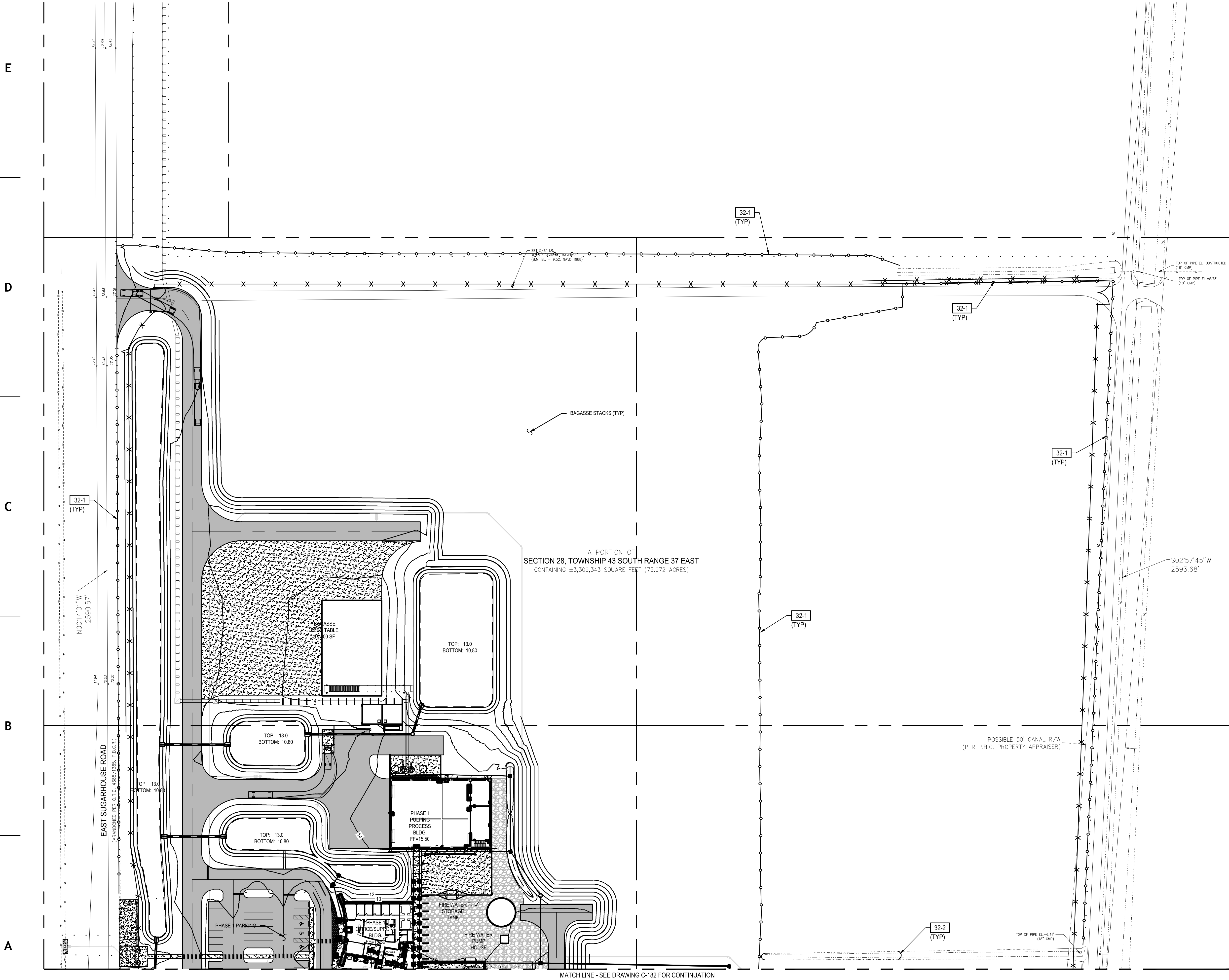
3

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6

0:03/11/10/04/00 - LEMARTEC - BAGASSE PP&P - PHASE 1B SHEETS/C-181 OVERALL ESPC
12/11/2016 10:12 AM



PARTIAL EROSION, SEDIMENT AND POLLUTION CONTROL PLAN

DESCRIPTION

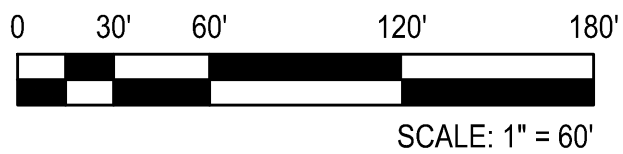
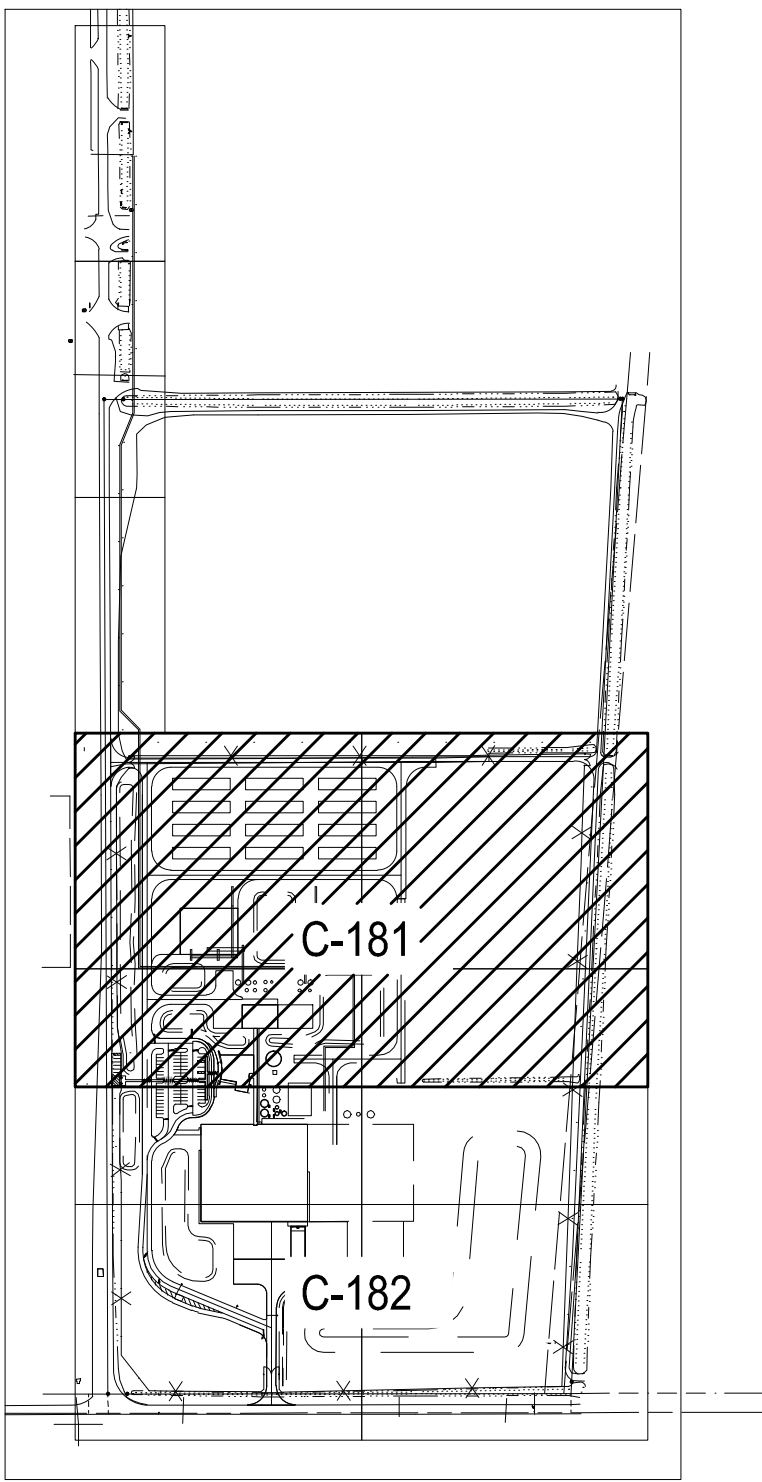
1"=60'

GENERAL NOTES:

1. SEE DRAWING C-147 FOR STORM STRUCTURE TABLE.

NOTES:

- 32-1 PROVIDE FOOT TYPE III SILT FENCE. SEE DETAIL ON DRAWING C-507.
- 32-2 PROVIDE FLOATING TURBIDITY BARRIER. SEE DETAIL ON DRAWING C-507.



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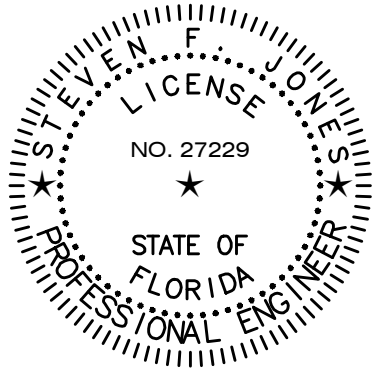
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RENEWCO, LLC



ARCH/ENGR OF RECORD
STEVEN F. JONES
FL PE 27229

DESIGNED BY
ACOPIAN

DRAWN BY
SMITH

CHECKED BY
JONES

PROJECT NO./CAD CODE
C07111.004.00-C-181 OVERALL ESPC PLAN.DWG

DATE
12-12-2016

**PARTIAL EROSION,
SEDIMENT AND POLLUTION
CONTROL PLAN**

DRAWING NO.

C-181

C:\037111\004\001-LEMARTEC-BAGASSE PP&P-PHASE 1\BSSHEETS\C-181 OVERALL ESPC
12/11/2016 10:13 AM

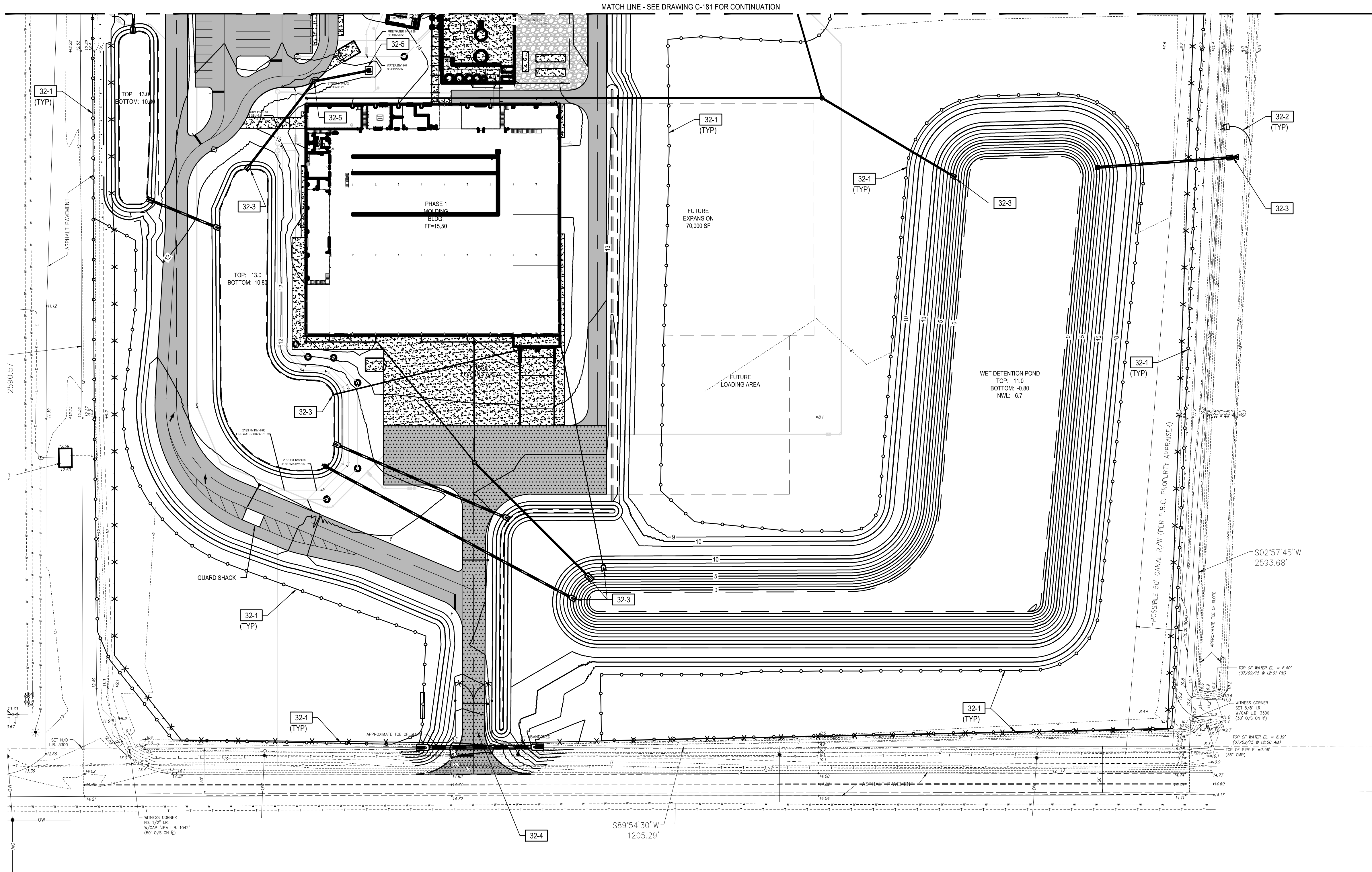
E

D

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A

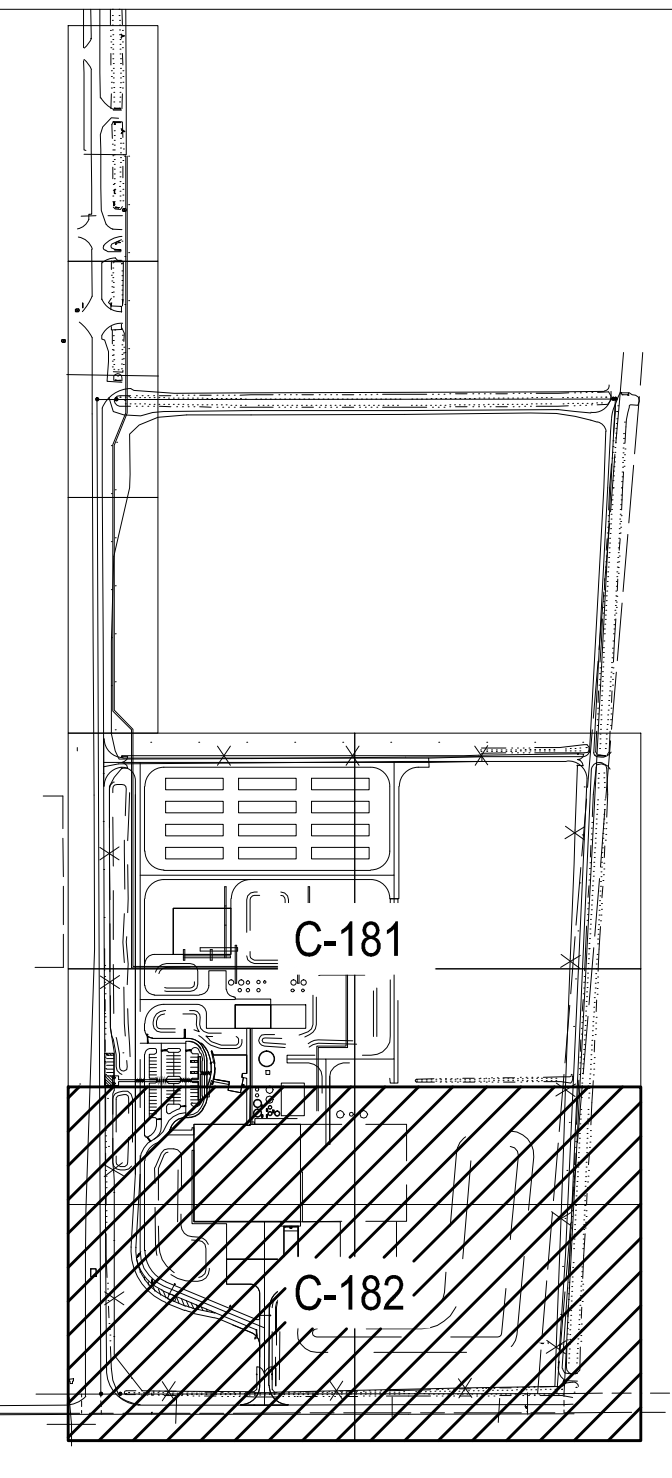


GENERAL NOTES:

- SEE DRAWING C-147 FOR STORM STRUCTURE TABLE

NOTES:

- 32-1 PROVIDE FDOT TYPE III SILT FENCE. SEE DETAIL ON DRAWING C-507.
- 32-2 PROVIDE FLOATING TURBIDITY BARRIER. SEE DETAIL ON DRAWING C-507.
- 32-3 PROVIDE RIP-RAP RUBBLE EROSION PROTECTION.
- 32-4 PROVIDE CONSTRUCTION EXIT. SEE DETAIL ON DRAWING C-507.
- 32-5 PROVIDE INLET PROTECTION. SEE DETAIL ON DRAWING C-507.
- 32-6 PROVIDE WEIGHTED SEDIMENT TUBE.



PARTIAL EROSION, SEDIMENT AND POLLUTION CONTROL PLAN

DESCRIPTION

1"=60'



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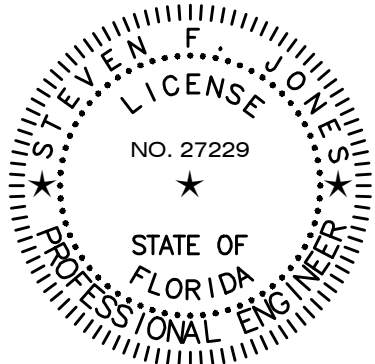
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DATE
12-12-2016

TITLE
**PARTIAL EROSION,
SEDIMENT AND POLLUTION
CONTROL PLAN**

DRAWING NO.

C-182

E

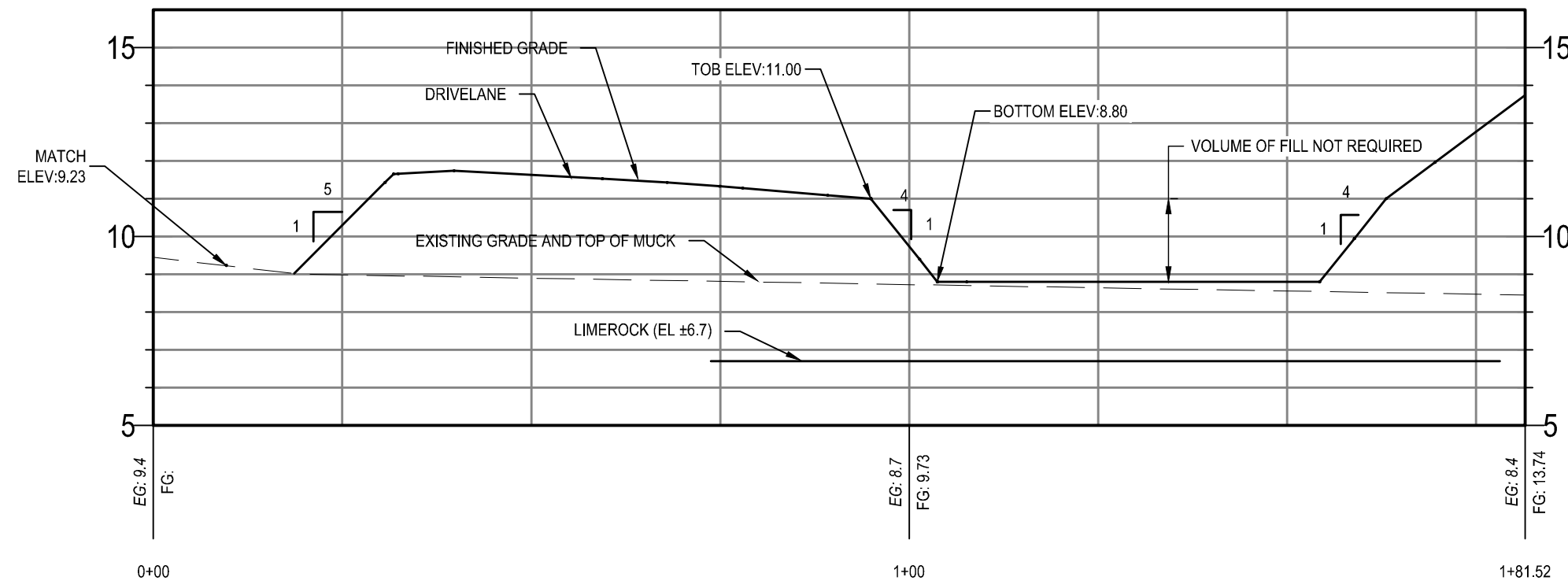
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C

B

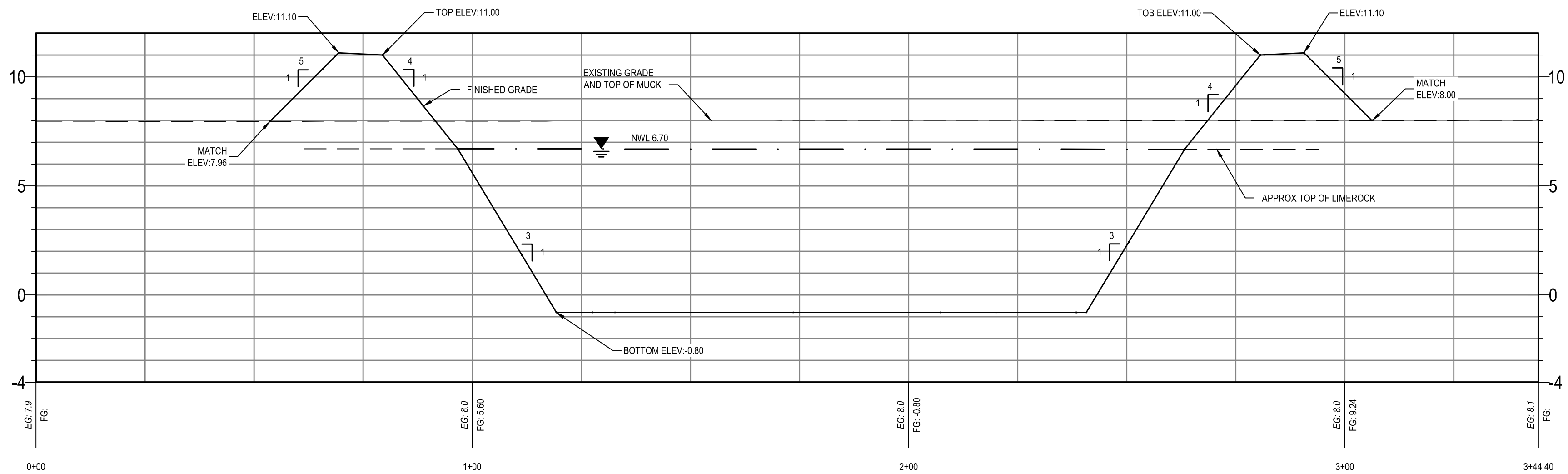
A

DRY POND SECTION

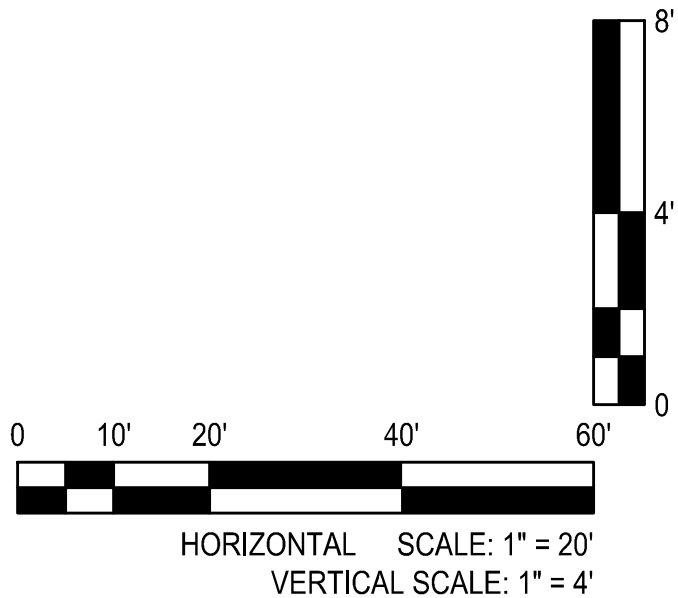


1 POND SECTION
Scale: H: 1"=20' V: 1"=4'

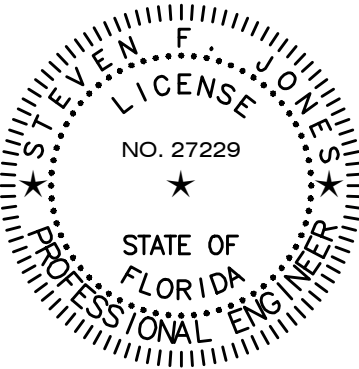
WET POND SECTION



2 POND SECTION
Scale: H: 1"=20' V: 1"=4'



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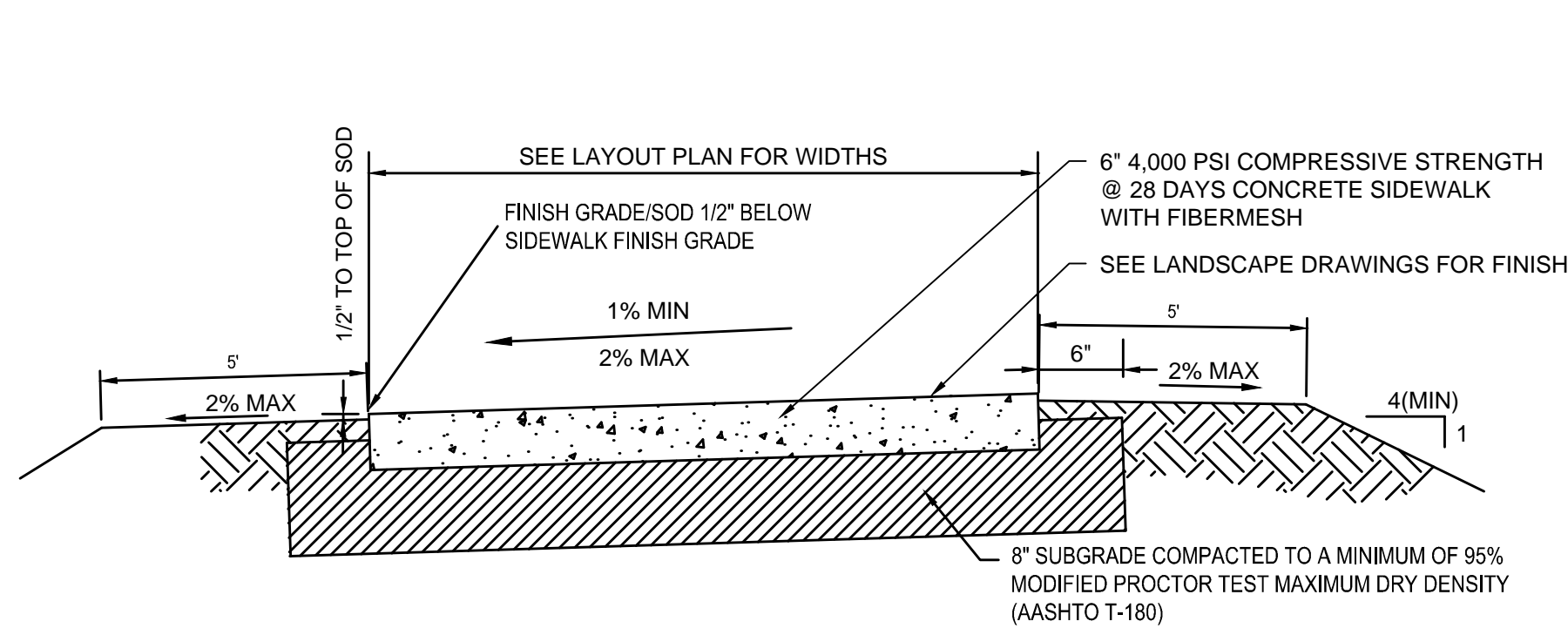


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PER: JONES
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REVIEWED NAME
DRAWN BY
BRUNN NAME
CHECKED BY
CHECKED NAME
PROJECT NO./CAD CODE
PROJECT NUMBER: C-201 POND SECTIONS.DWG

DATE
12-12-2016
TITLE
POND SECTIONS

DRAWING NO.
C-201

E

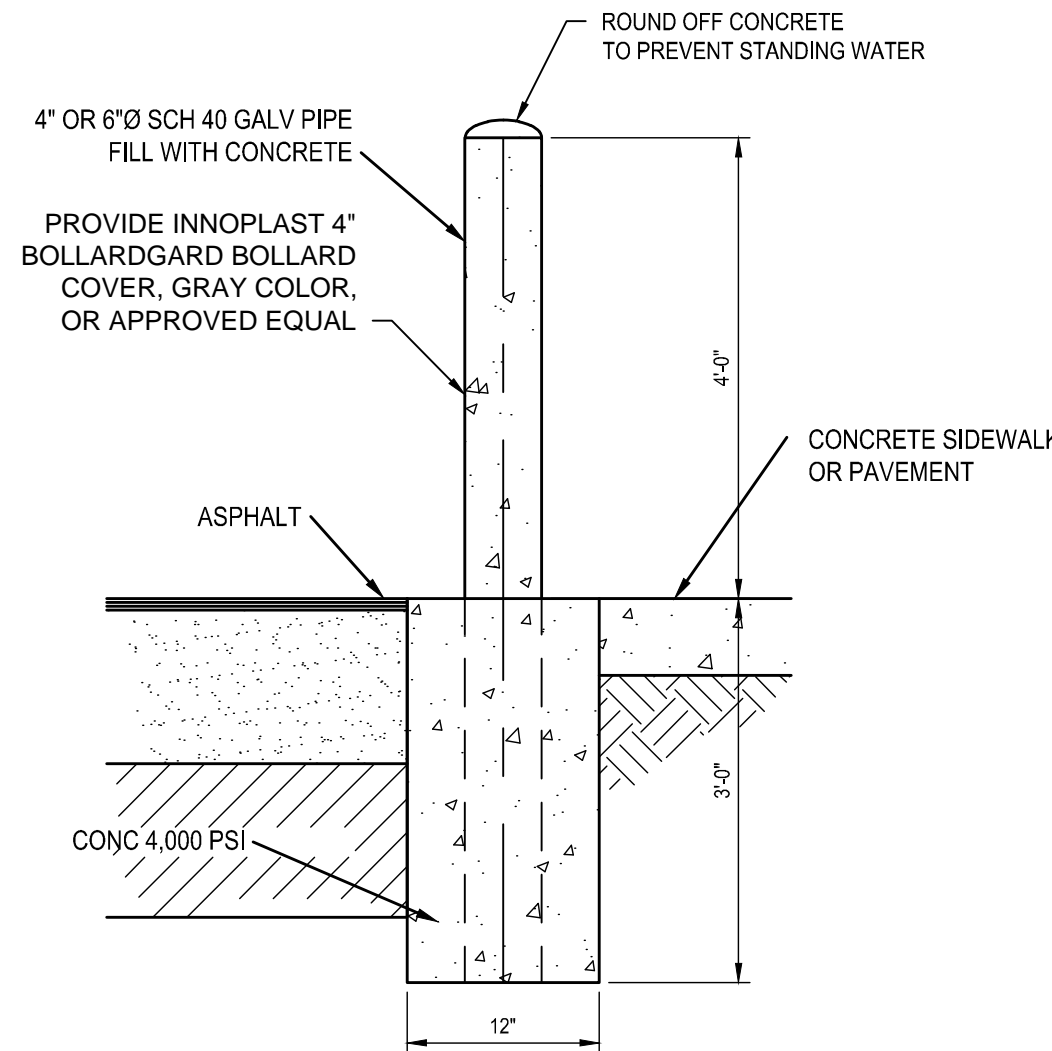


- NOTES:
1. PROVIDE SAWCUT CONTROL JOINTS @ 5' O.C. PROVIDE EXPANSION JOINTS AT 50' O.C. PROVIDE ISOLATION JOINTS ADJACENT TO PROPOSED STRUCTURES, MANHOLES, VALVE BOXES, ETC. SEE DETAILS THIS DRAWING.
 2. CONCRETE PADS ARE A MINIMUM OF 5'x5' WITH A MINIMUM OF 12" CLEARANCE ON EACH SIDE OF DOORWAY.

TYPICAL SIDEWALK / CONCRETE SLAB

Scale: NTS

D

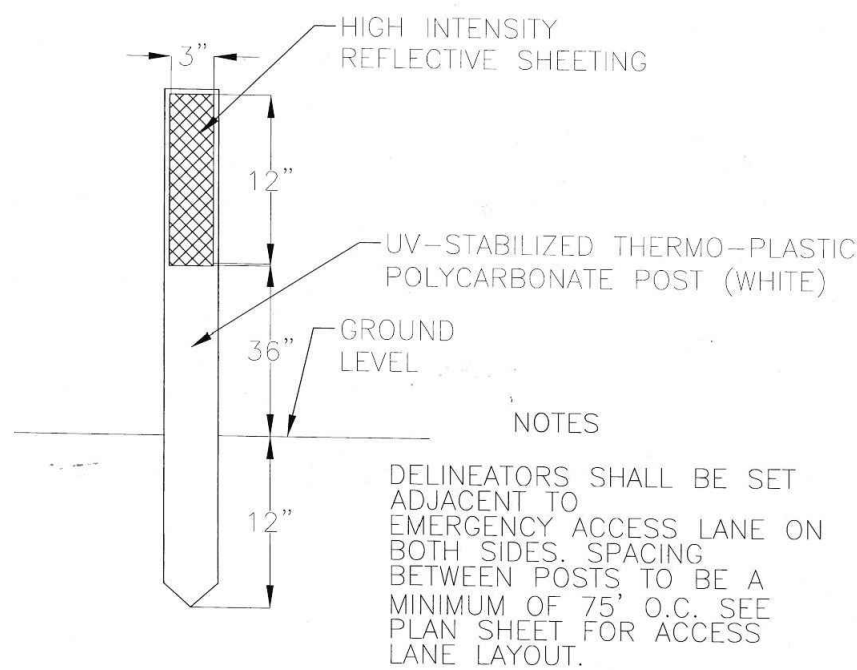


IN CONCRETE SIDEWALK

CONCRETE FILLED BOLLARD

Scale: NTS

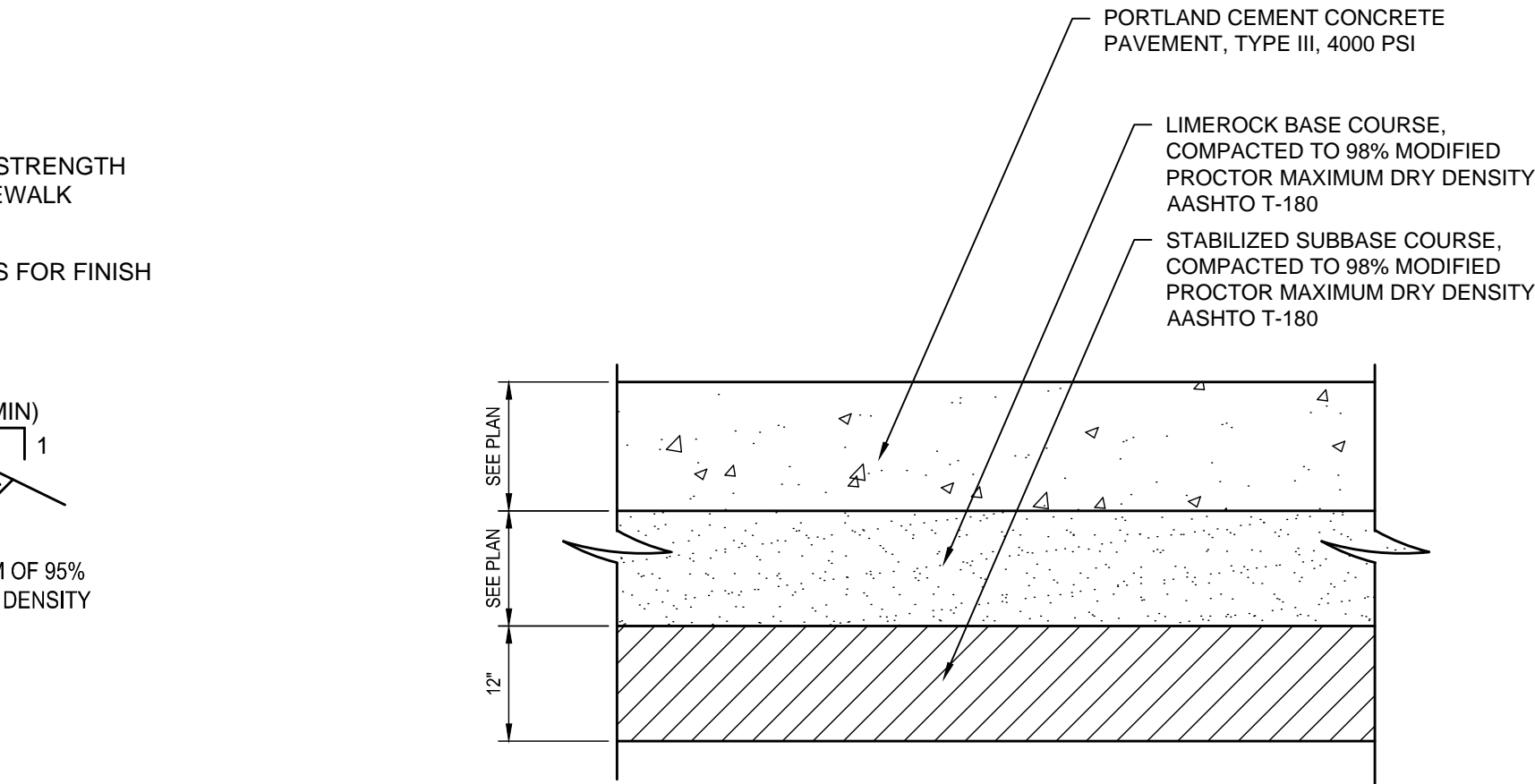
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EMERGENCY ACCESS DELINEATOR

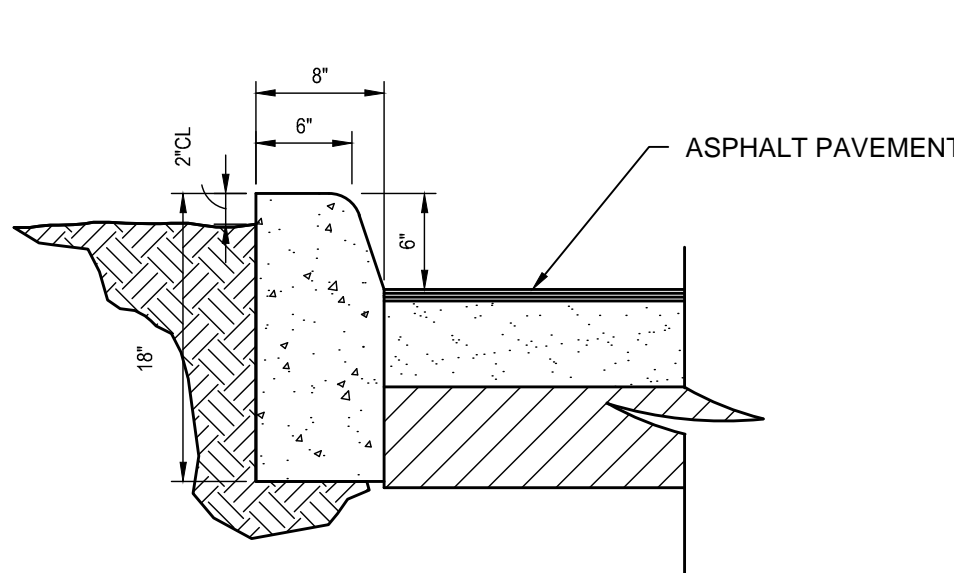
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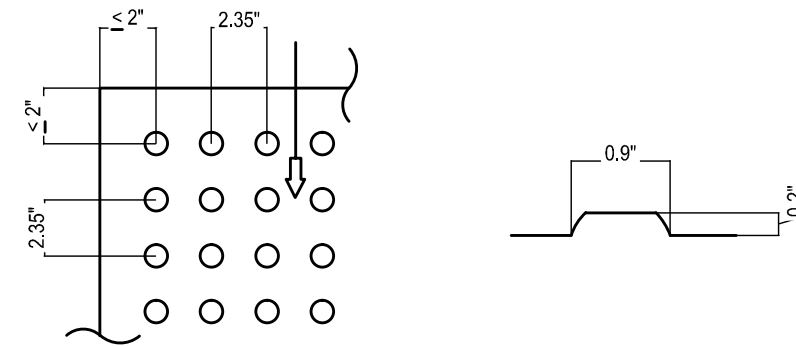
CONCRETE PAVEMENT

Scale: NTS



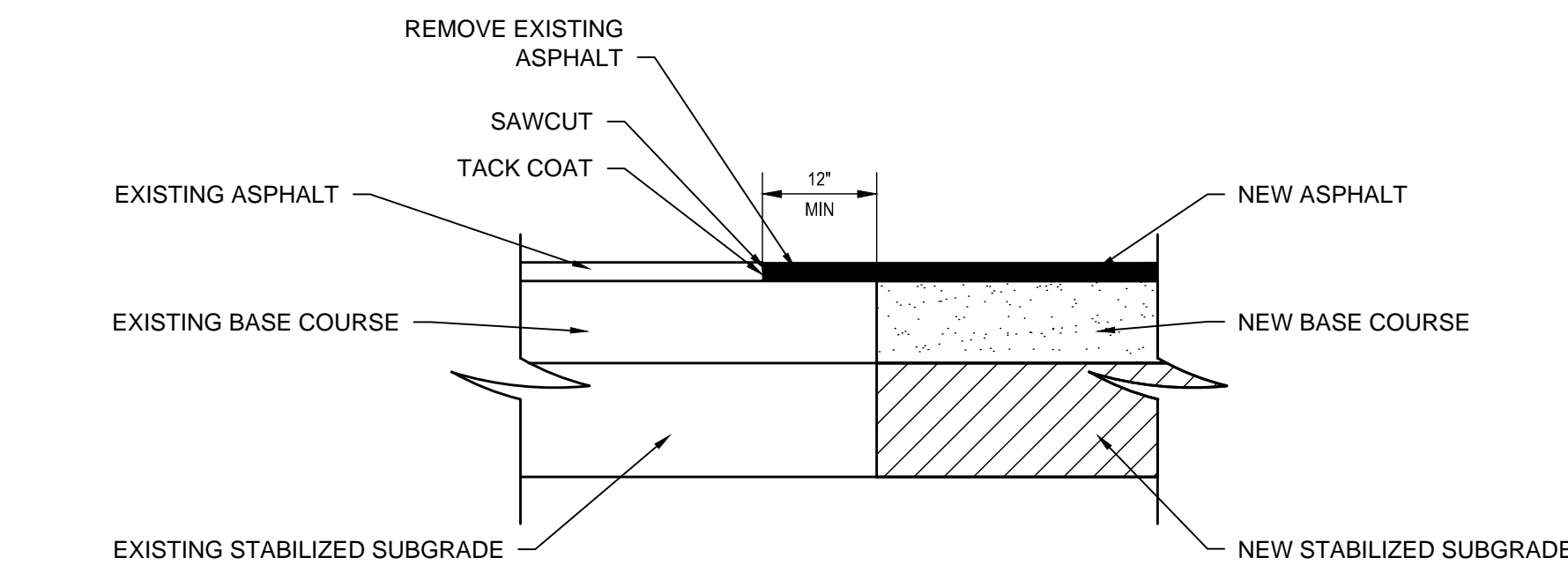
TYPE "D" CURB

Scale: NTS



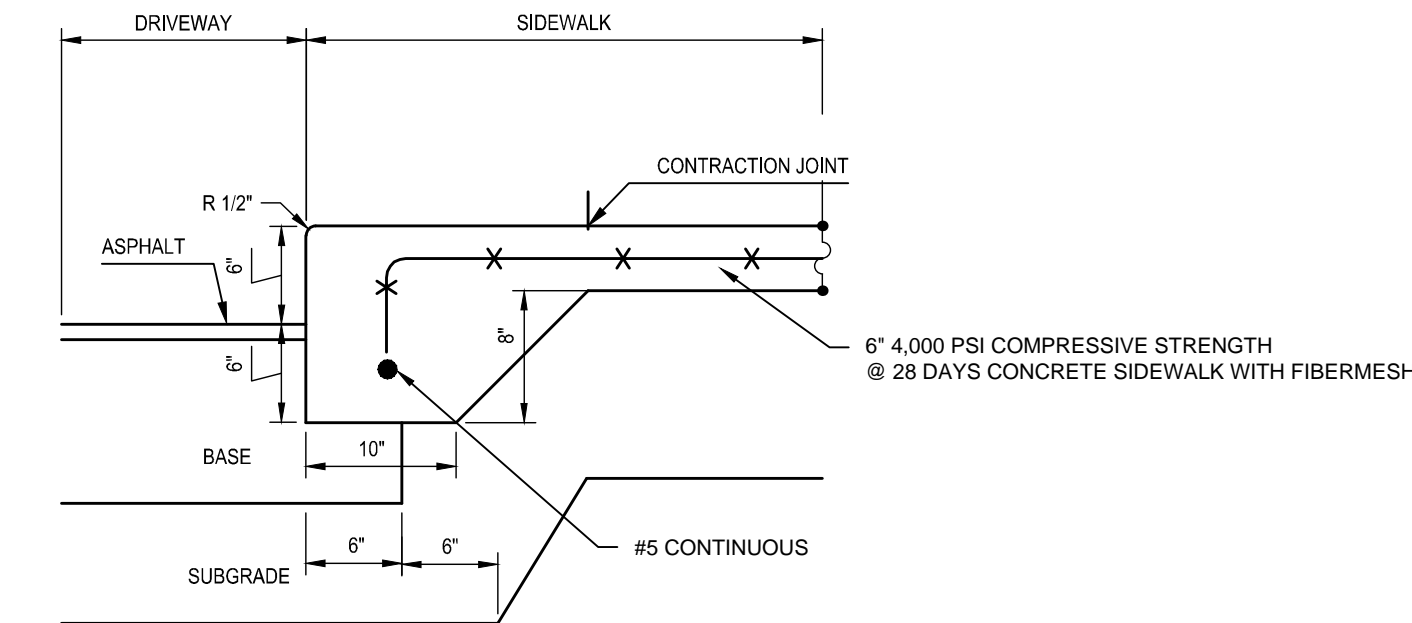
TRUNCATED DOME DETAIL

Scale: NTS



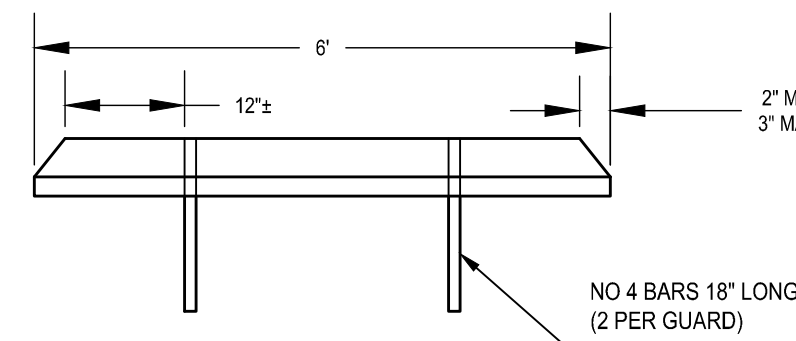
SAWCUT ASPHALT

Scale: NTS



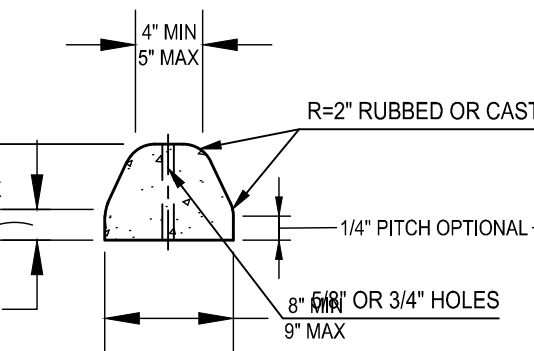
RAISED SIDEWALK

Scale: NTS



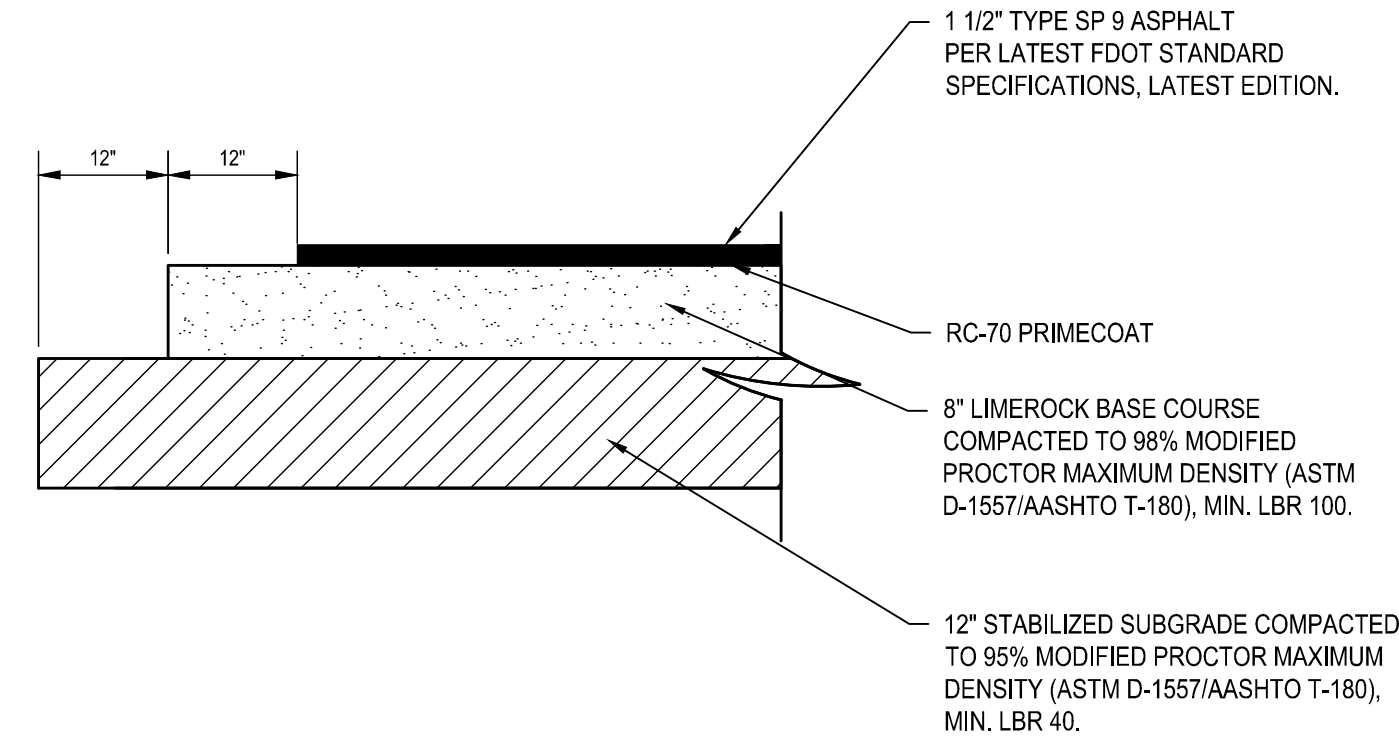
WHEEL STOP

Scale: NTS



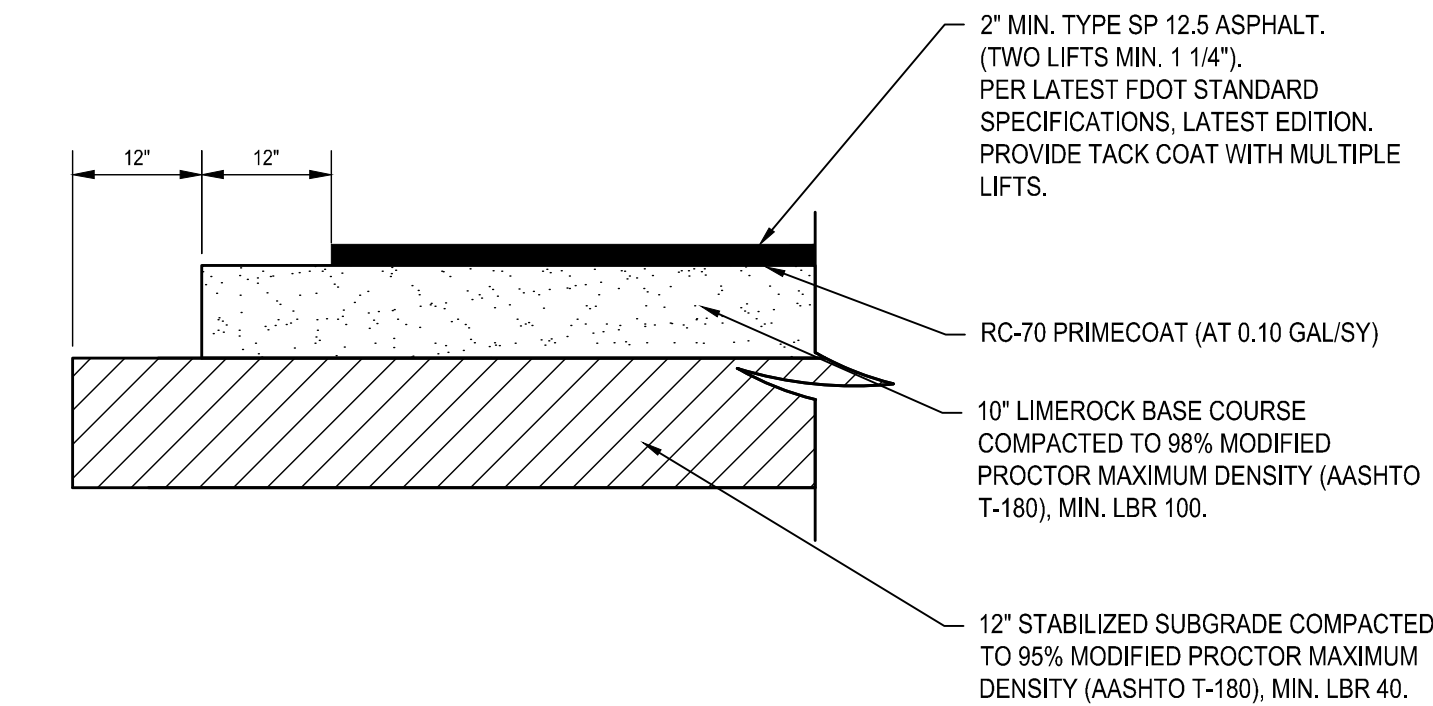
NOTE:

PLACE CENTER OF WHEEL STOP
3' FROM EDGE OF PAVEMENT



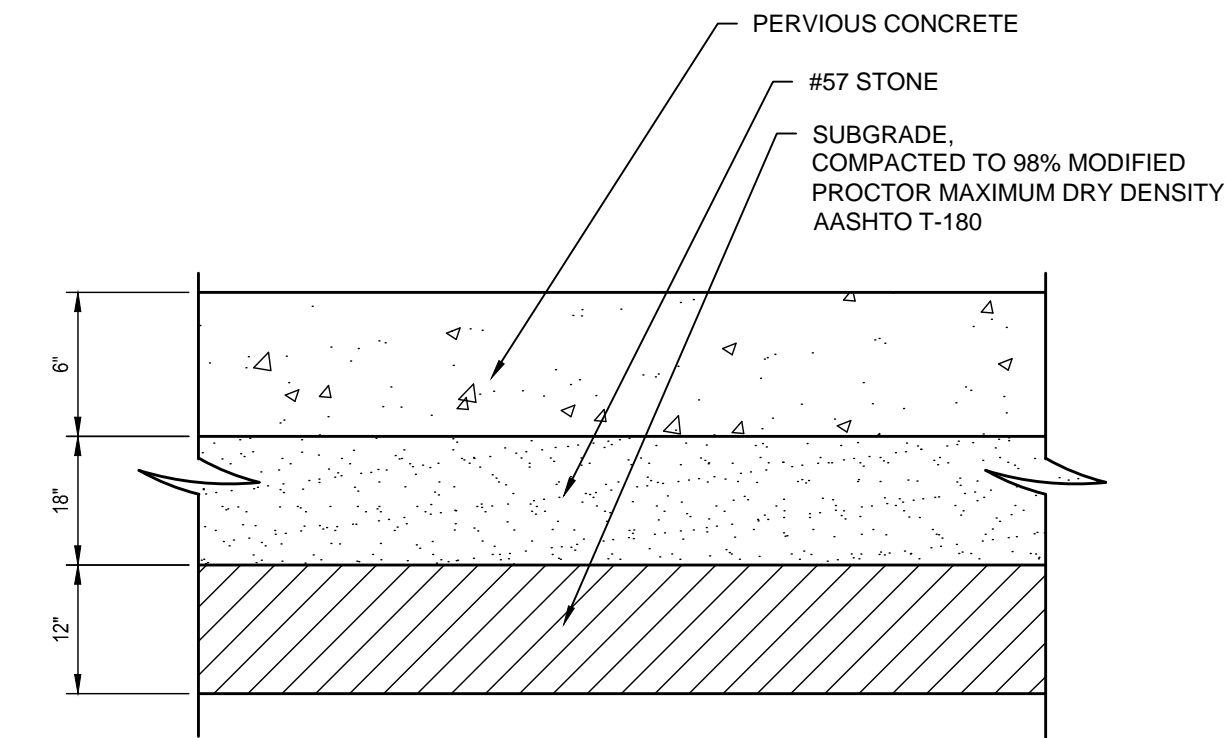
MEDIUM DUTY ASPHALT PAVEMENT SECTION

Scale: NTS



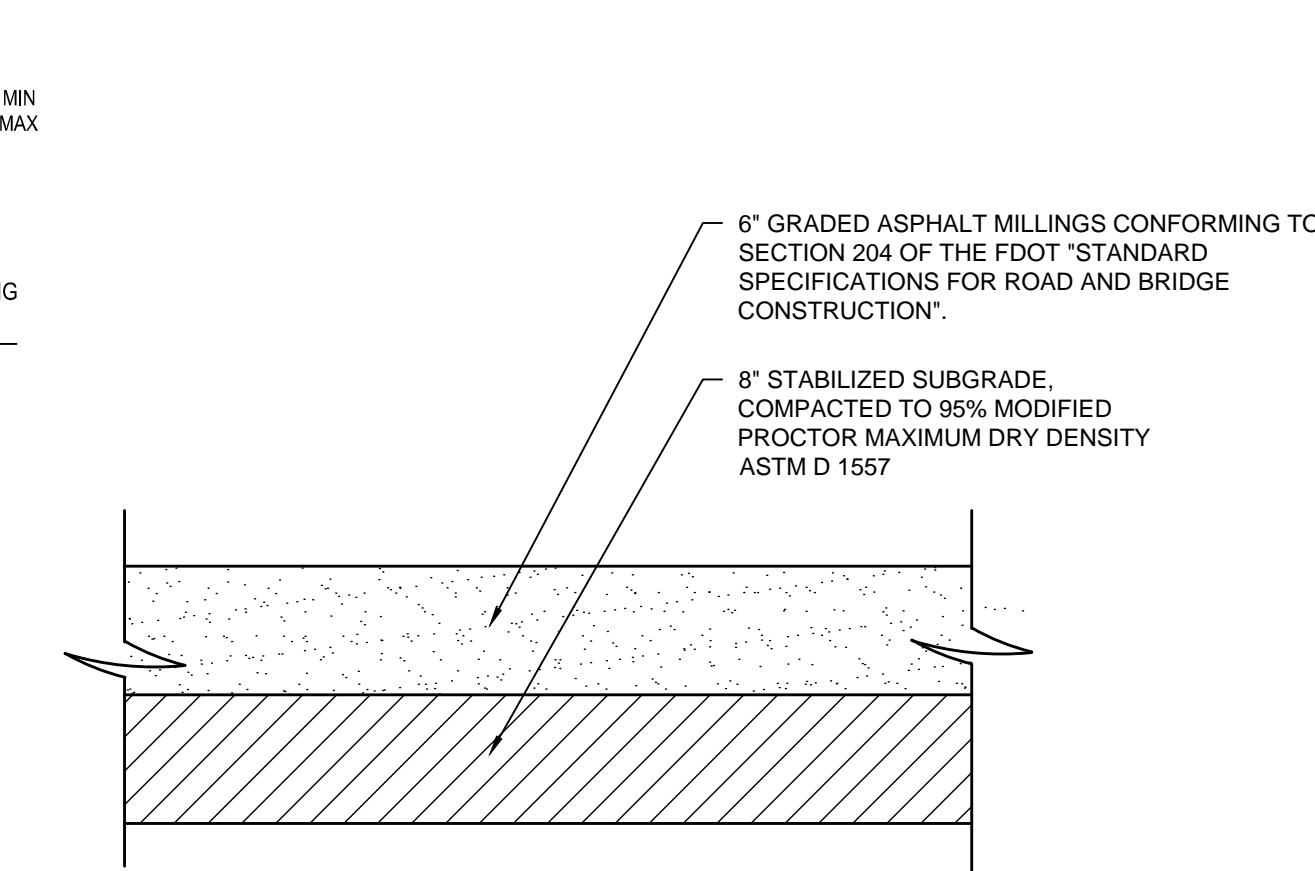
HEAVY DUTY ASPHALT PAVEMENT SECTION

Scale: NTS



PERVIOUS CONCRETE PAVEMENT

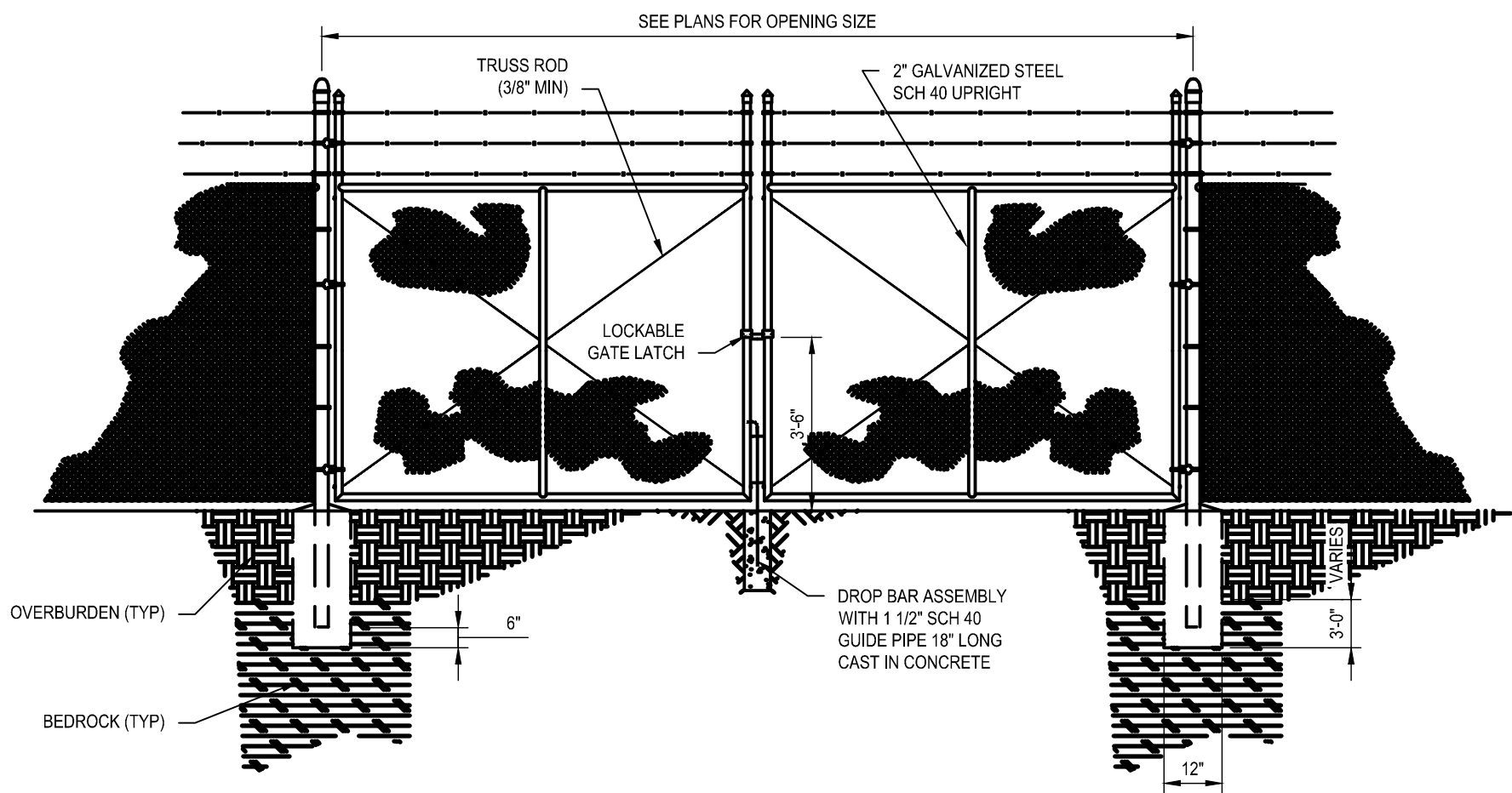
Scale: NTS



ASPHALT MILLING PAVEMENT

Scale: NTS

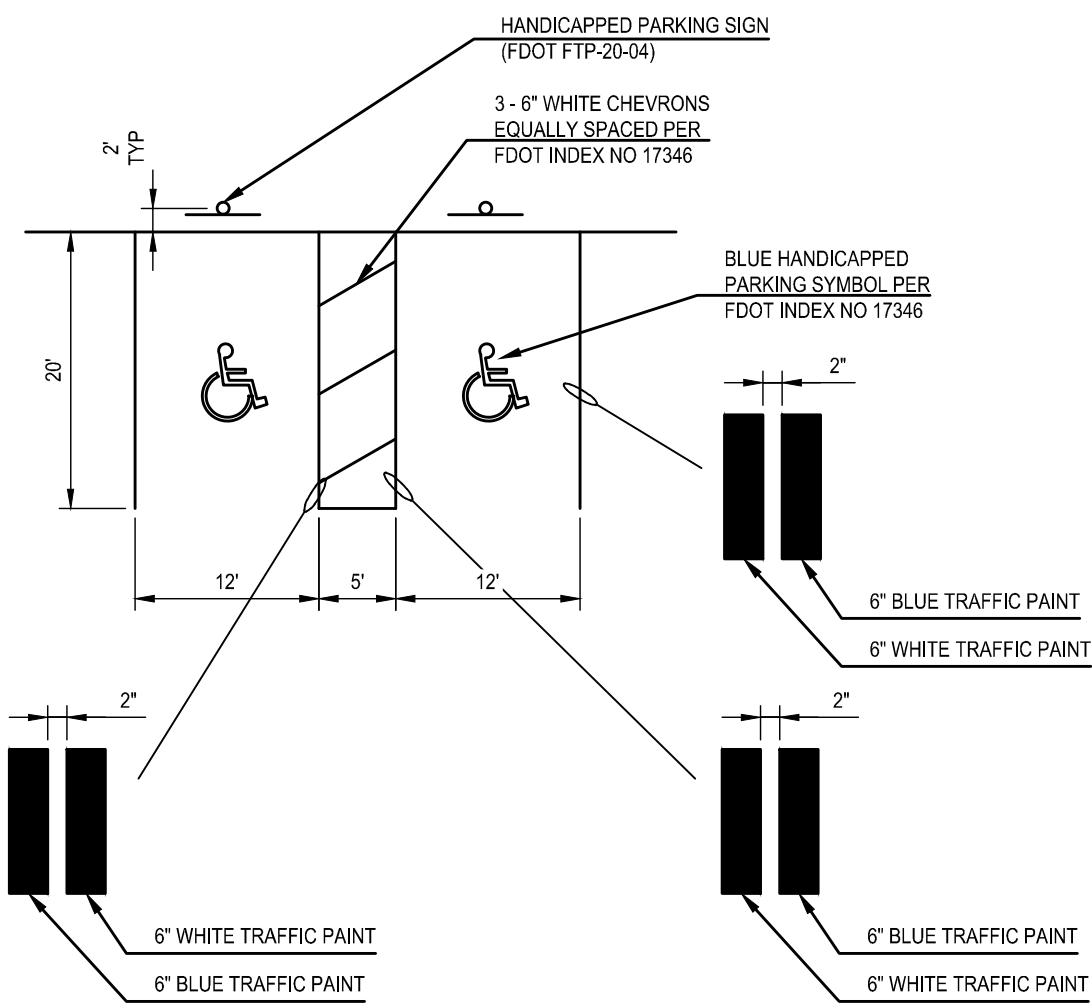
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DOUBLE SWING GATE

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D



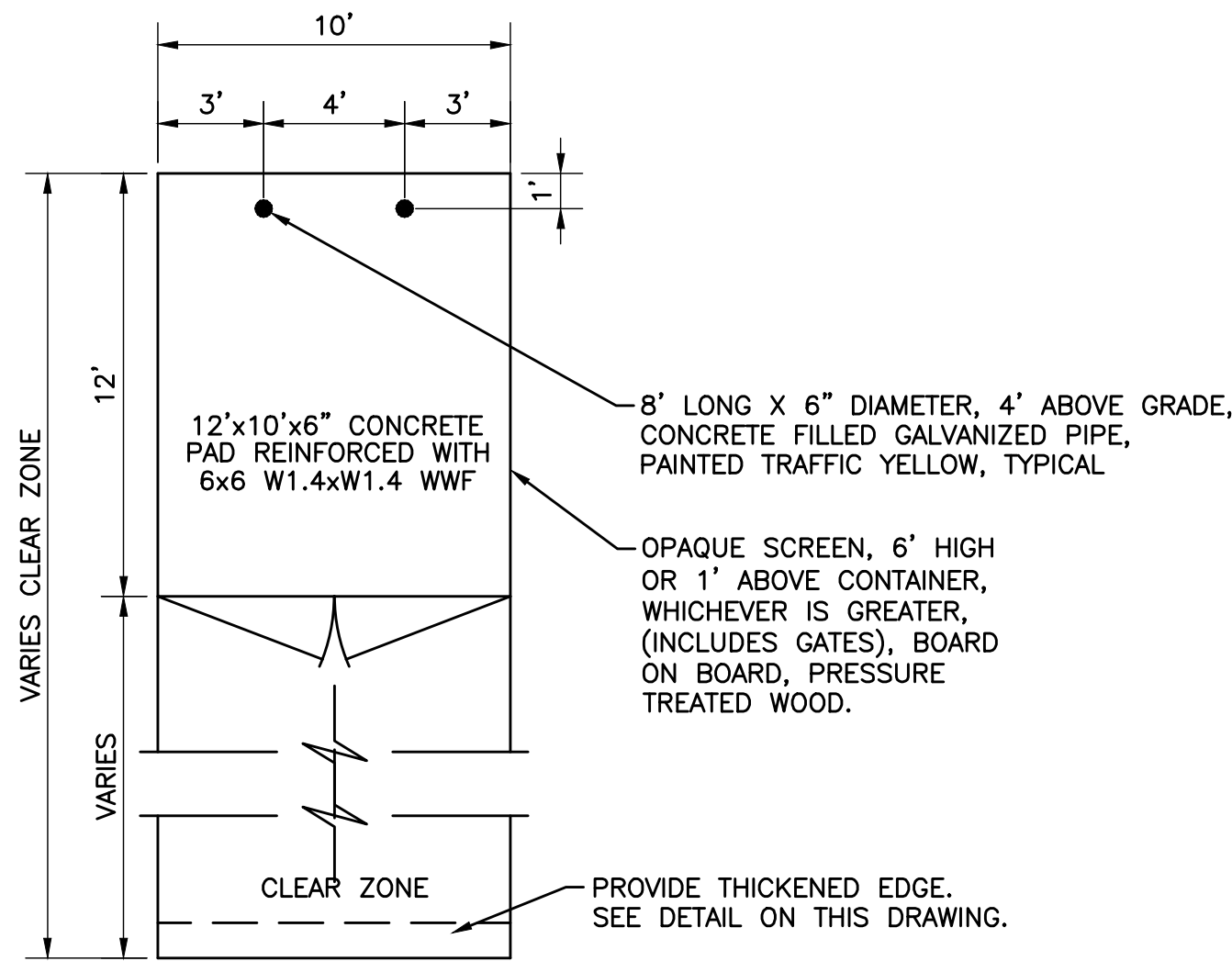
NOTE:

BLUE PAVEMENT MARKINGS SHALL BE TINTED TO MATCH SHADE 15180 OF FEDERAL STANDARDS 595A.

ADA PARKING SPACE

Scale: NTS

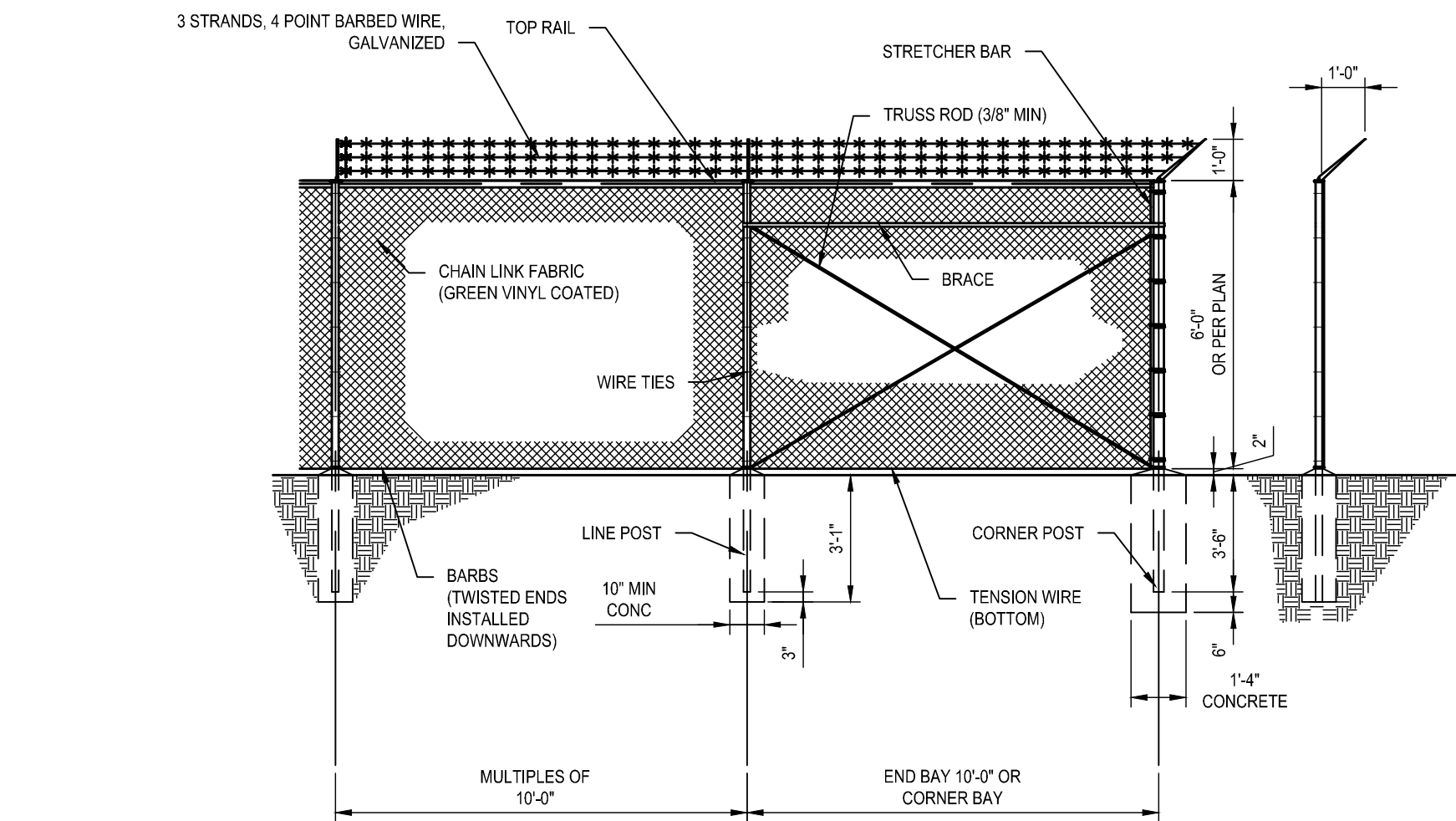
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DUMPSTER ENCLOSURE DETAIL

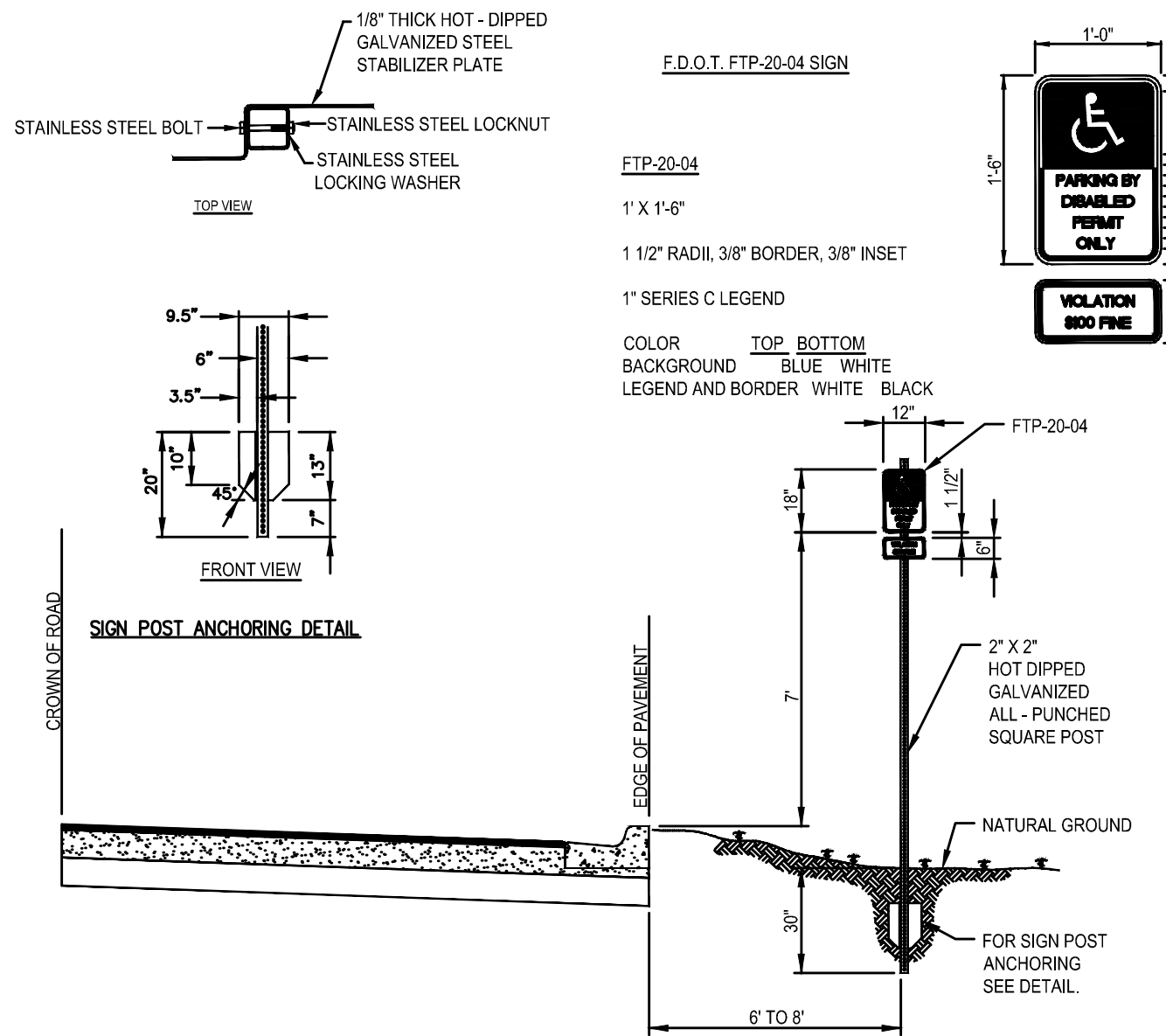
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A



FENCE DETAIL

Scale: NTS

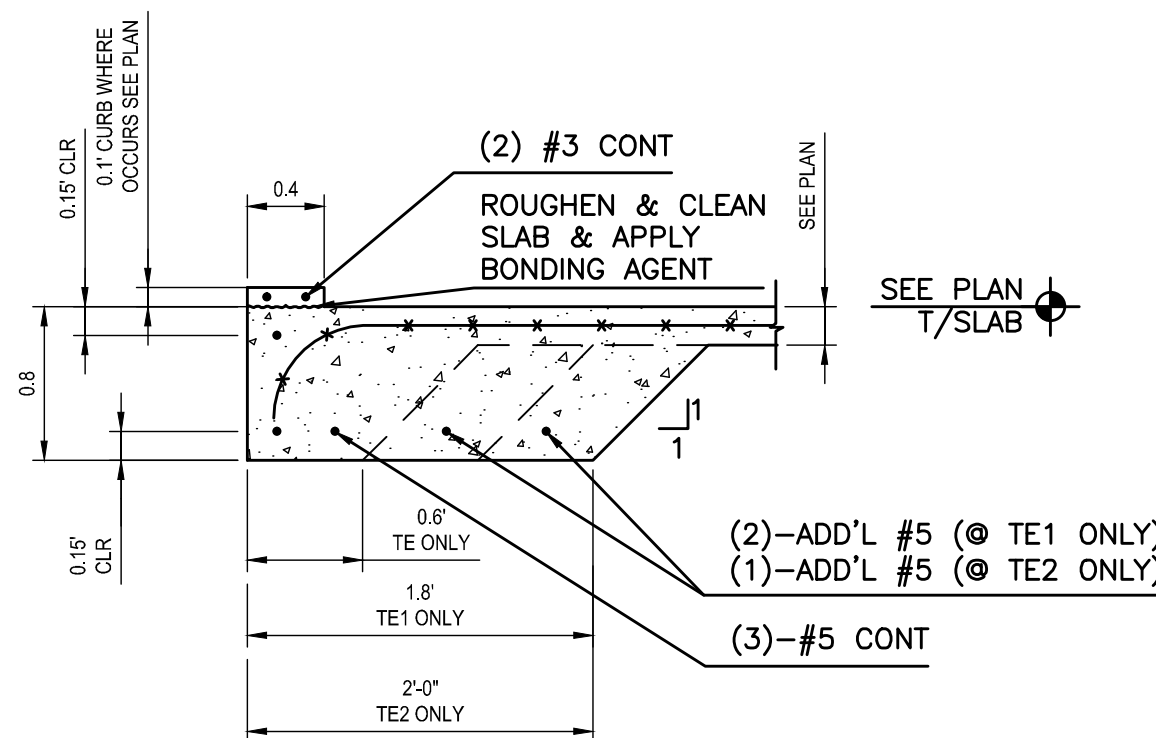


TRAFFIC SIGN SPECIFICATION SHEET

1. SIGN REFLECTIVE SPECIFICATION: 3M HIGH INTENSITY OR EQUIVALENT
2. MOUNTING SPECIFICATIONS: SHALL BE MOUNTED ON 2 INCH SQUARE ALL-PUNCHED GALVANIZED POST OF THE APPROPRIATE LENGTH. (MINIMUM 12 FT.)
3. MOUNTING HARDWARE: CHERRY-MATE ALUMINUM RIVETS #8ALMB8P34 SHALL BE USED TO ATTACH STREET NAME SIGN BLANKS TO POST. TWO SETS OF RIVETS PER SIGN BLANK. STREET SIGN BLANKS SHALL BE RIVETED TOGETHER AT EACH END BY USING A 3/16\"/>
4. GALVANIZED ANCHOR PLATE: A FORMED ANCHOR PLATE (SEE DETAIL) SHALL BE MOUNTED ON POST BY USING 5/16\"/>
5. NOTE: WHEN ERECTING STOP SIGN AND STREET NAMES SIGNS ON THE SAME POST A 14 FT. POST IS REQUIRED.
6. MAXIMUM LATERAL DISTANCE MEASURED FROM THE NEAR EDGE OF THE ROAD PAVEMENT TO SIGN POST SHALL BE 8 FT., AND THE MINIMUM LATERAL DISTANCE SHALL BE 6 FT.
7. HEIGHT REQUIREMENTS: SIGN ERECTIONS SHALL BE SUCH THAT THE BOTTOM OF THE SIGN IS 7 FT. ABOVE ROAD SURFACE.
8. EXCEPTION: (COMBINED MOUNTING) WHERE TWO OR MORE SIGNS ARE MOUNTED ON SIGN POST, THE CLEARANCE MAYBE REDUCED TO 6 FT. EXAMPLE: STOP SIGN AND STREET NAME COMBINATION.

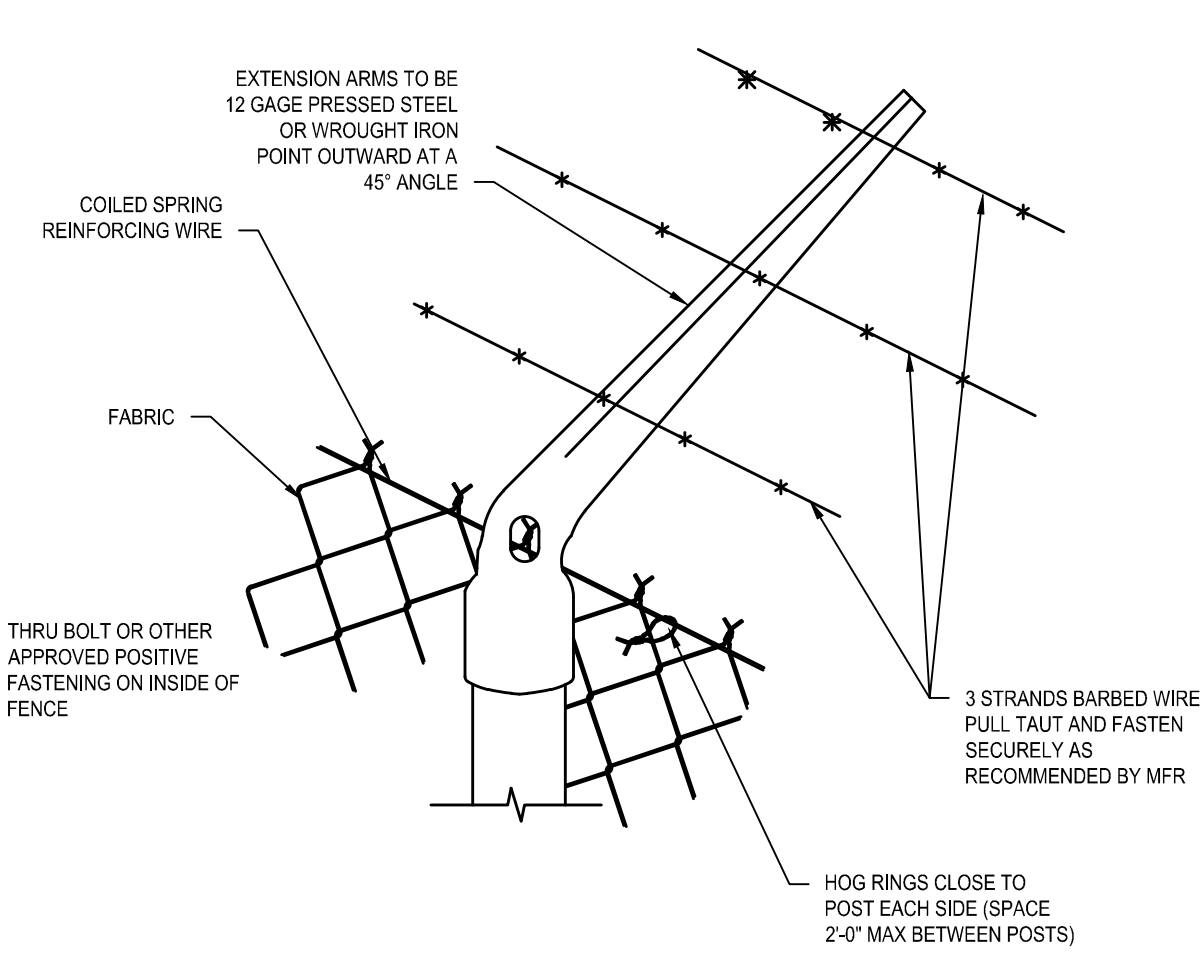
HANDICAP SIGN DETAILS

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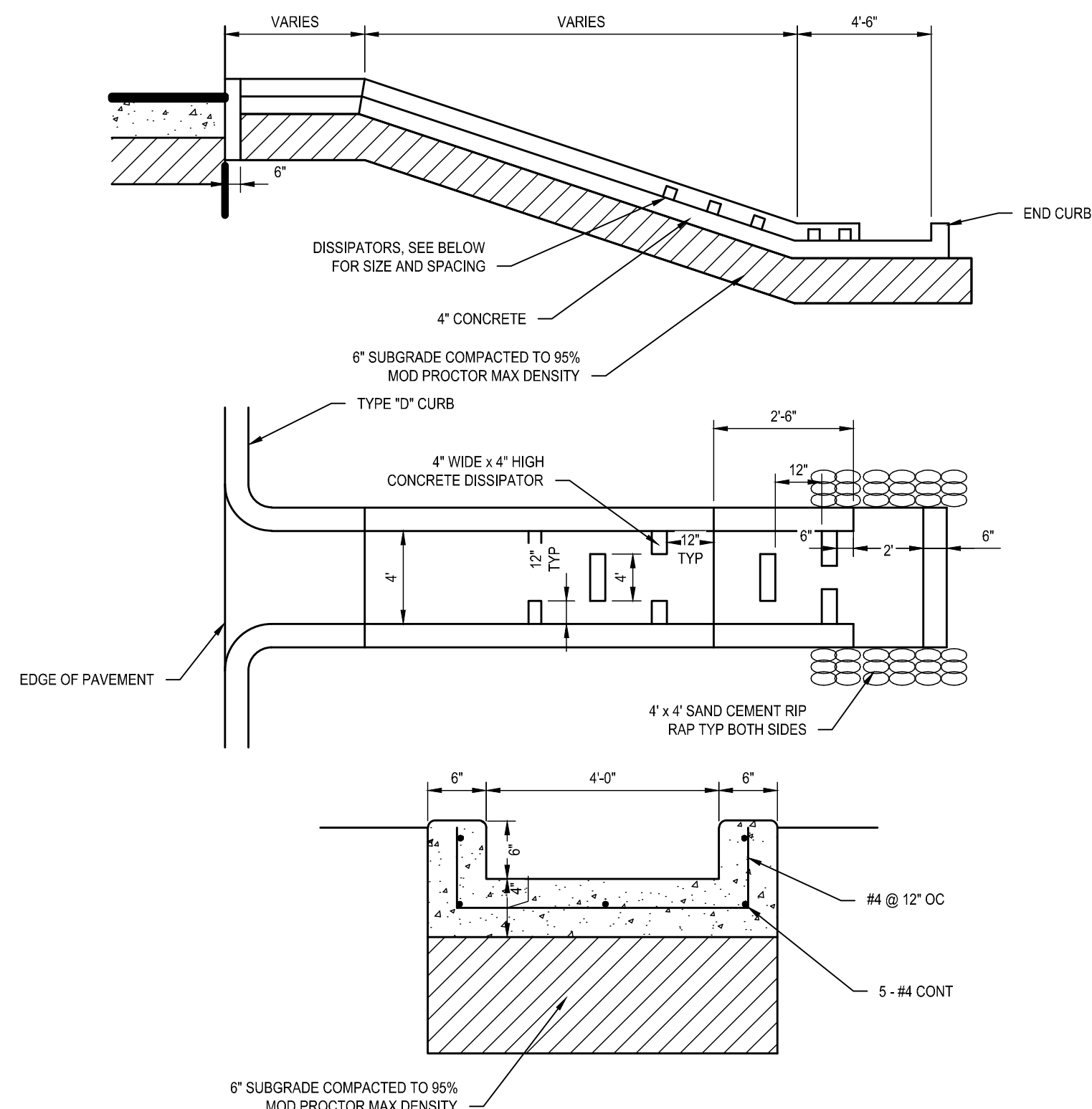
THICKENED EDGE DETAIL

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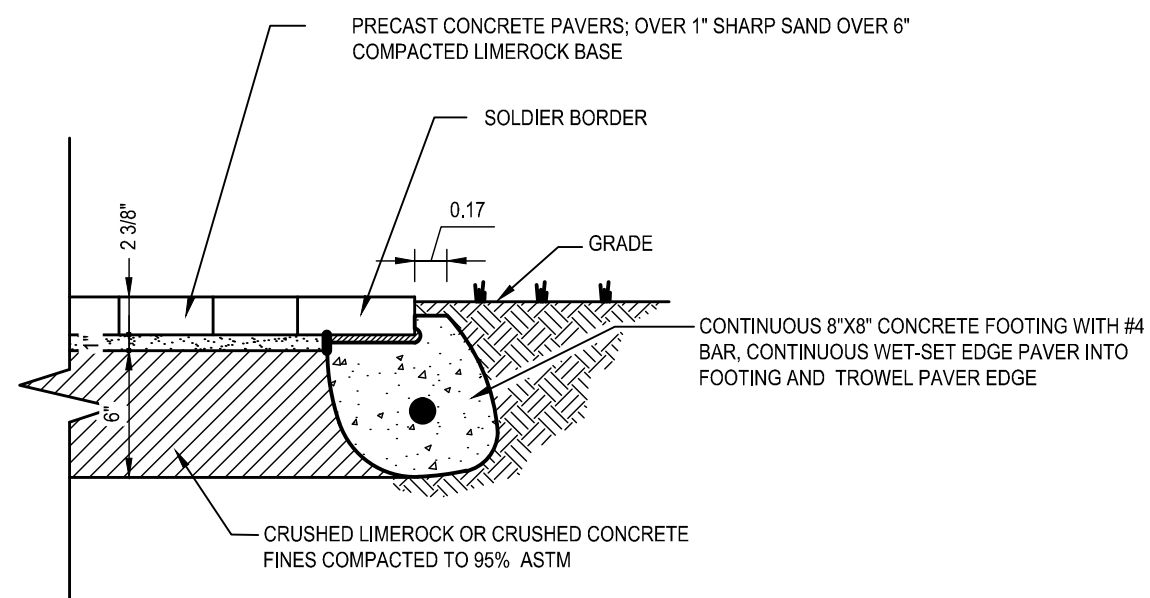
BARBED WIRE FENCE DETAIL

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CONCRETE FLUME DETAIL

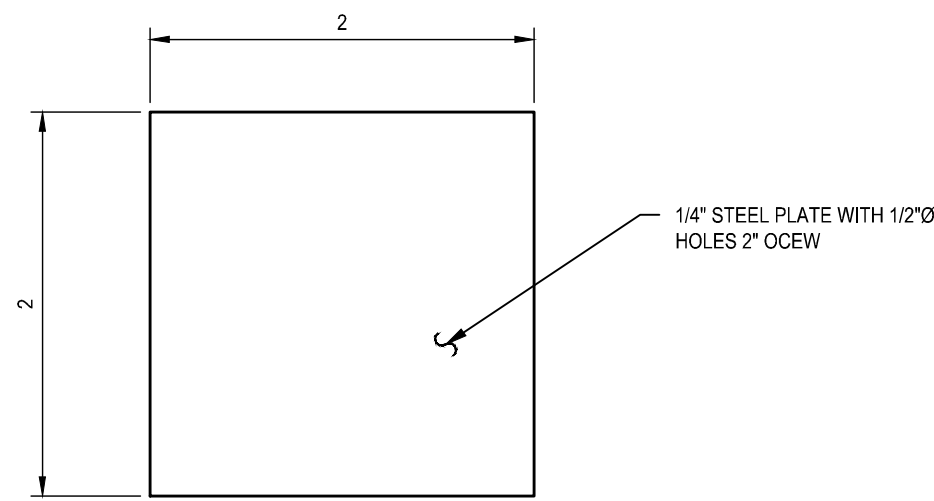
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PAVER DETAIL

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E



GRATE DETAIL

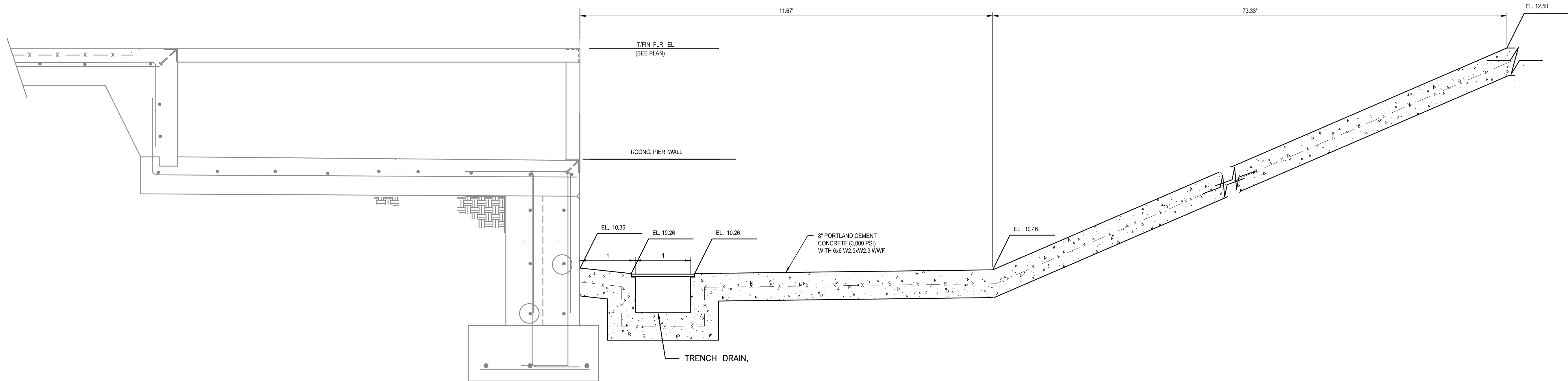
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DETAIL
NTS

C

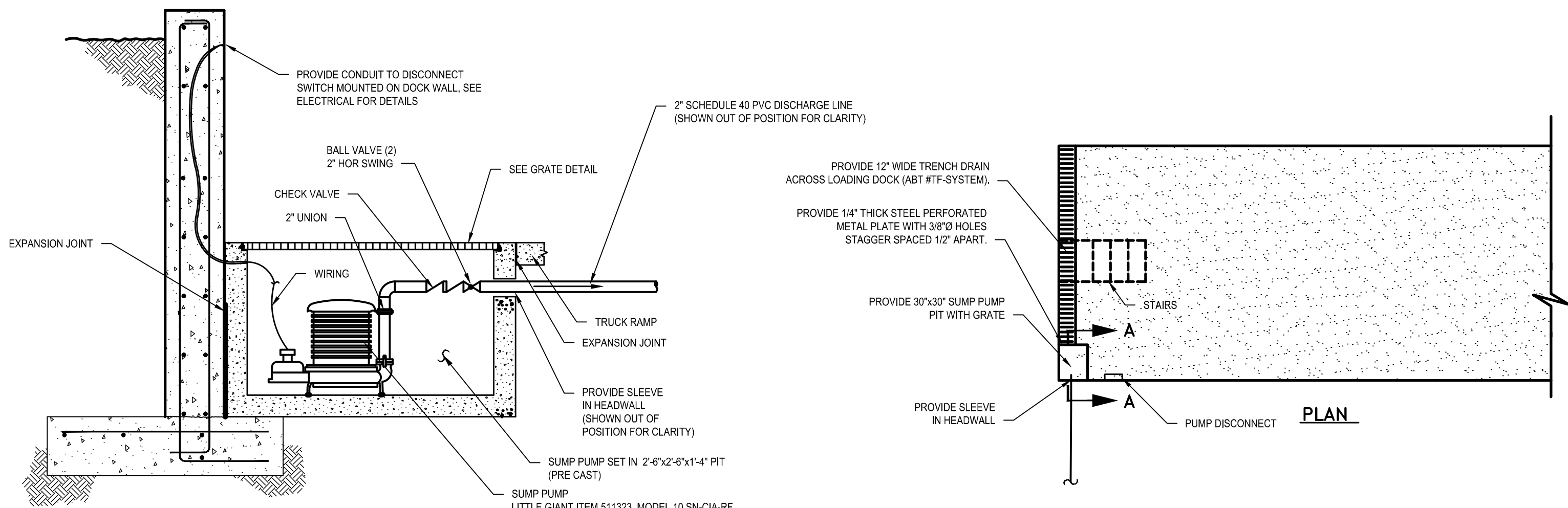
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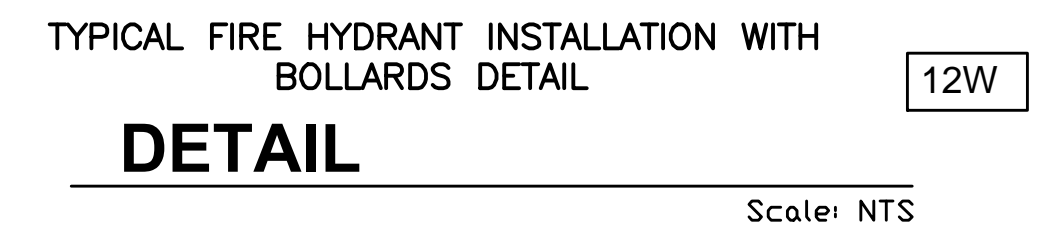
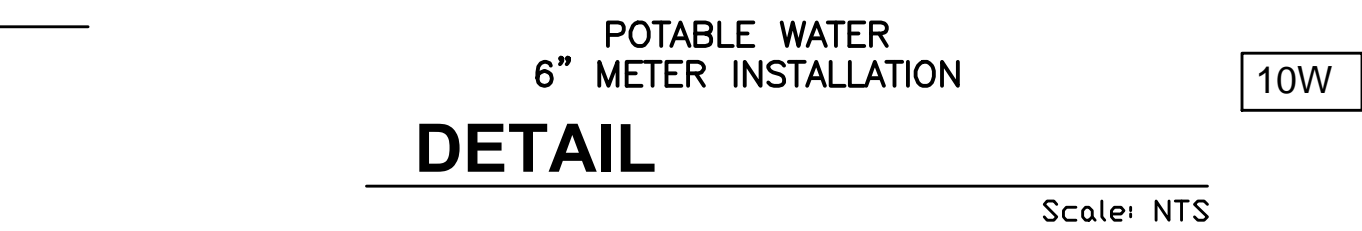
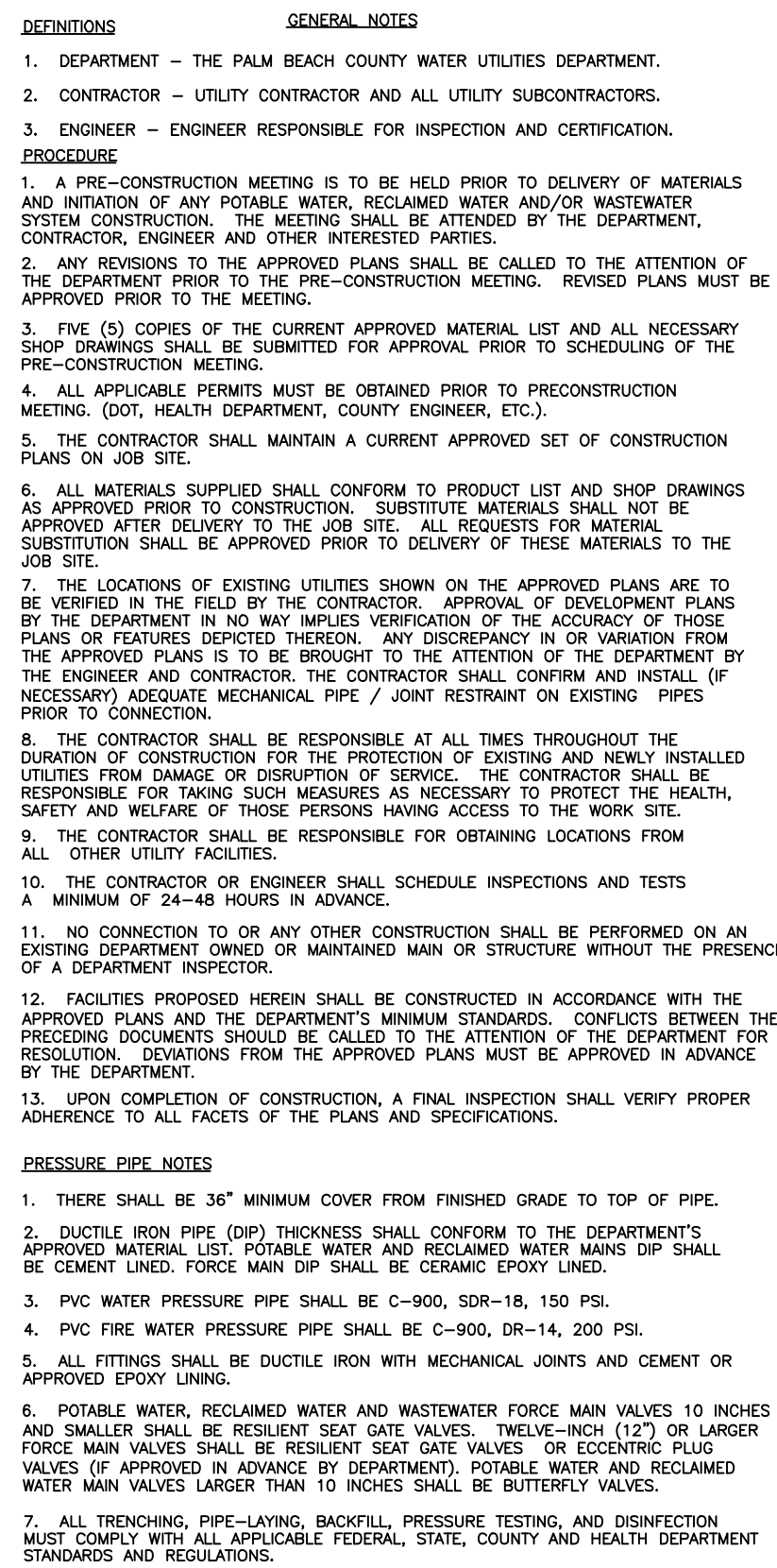
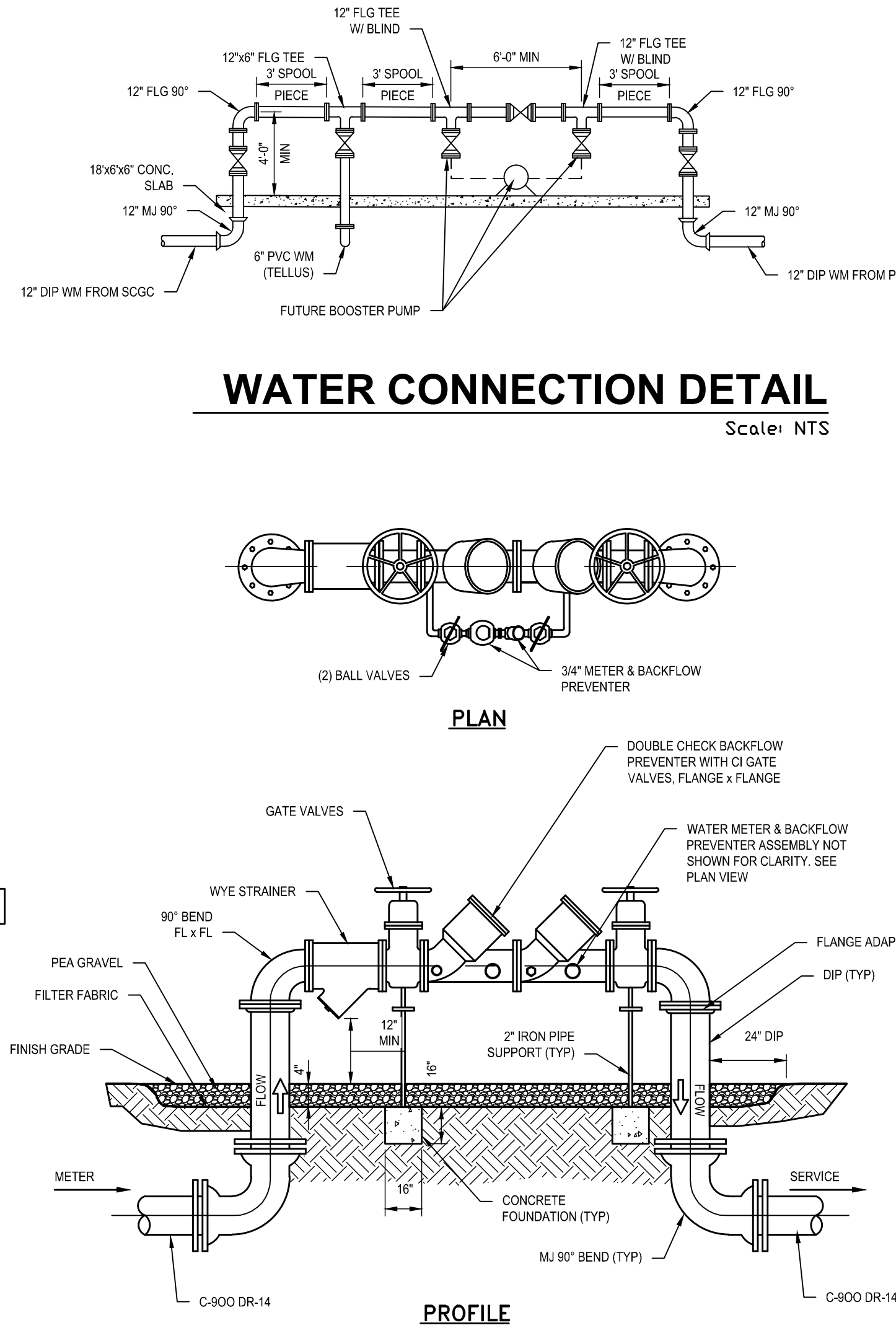
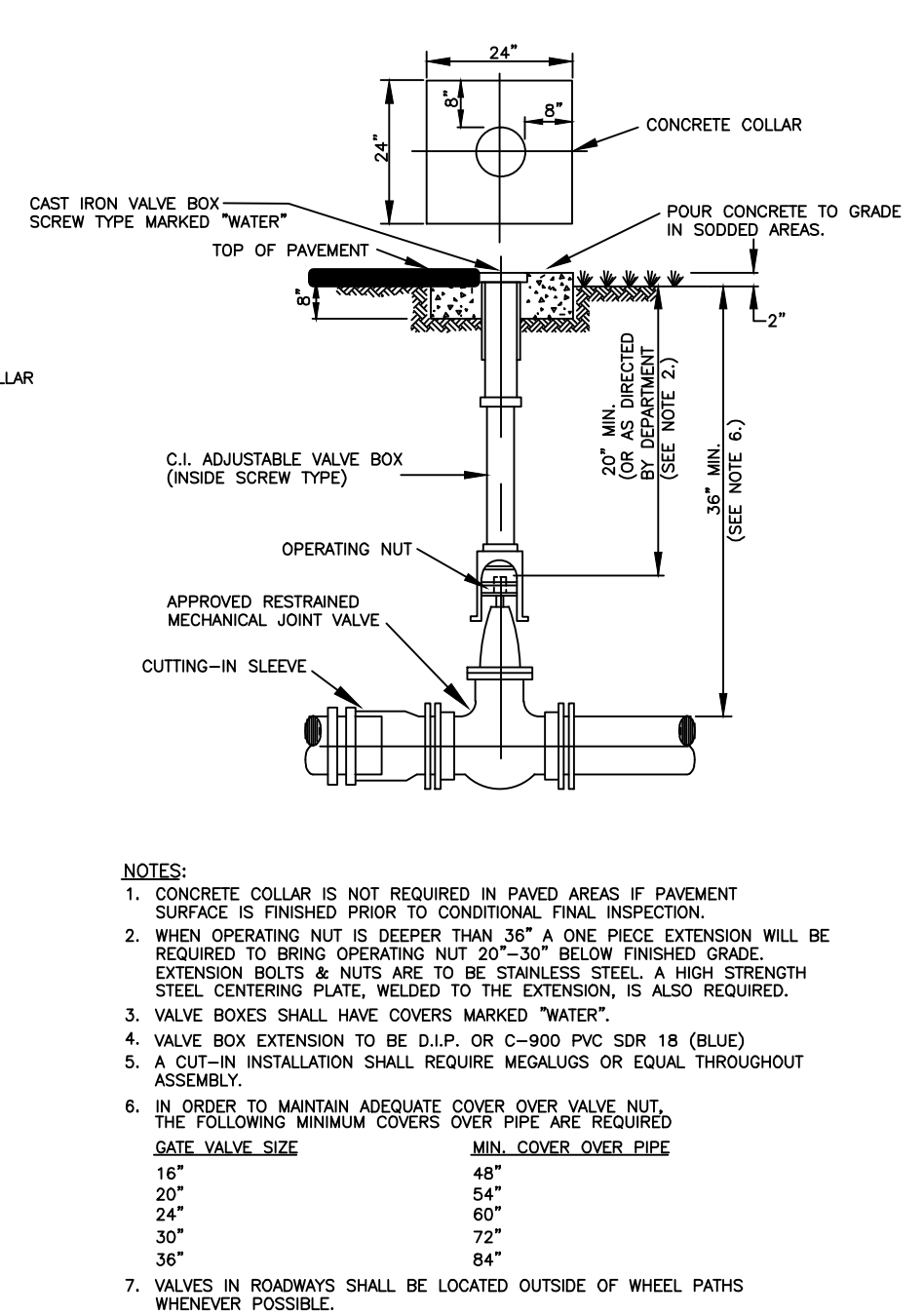
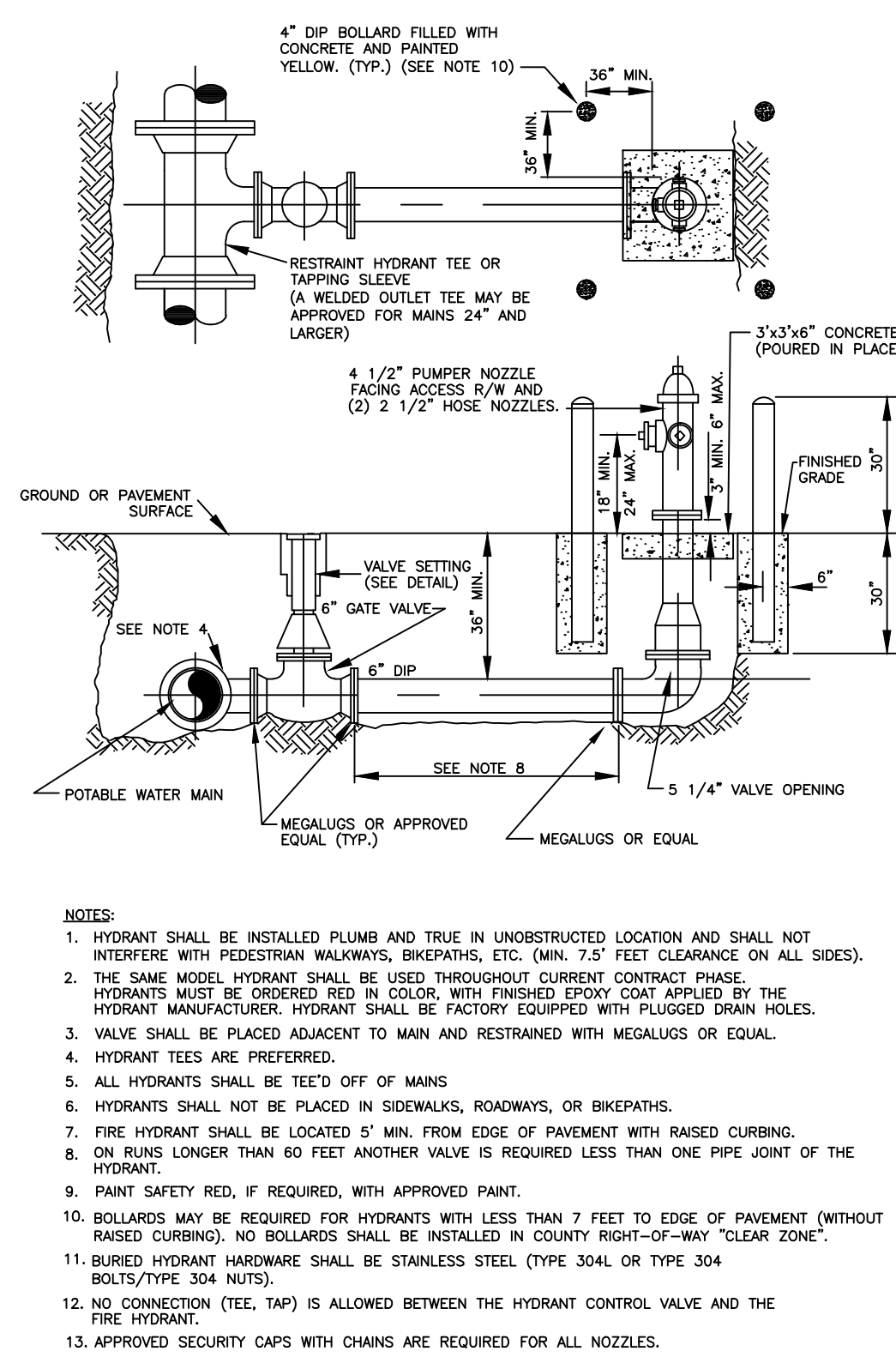
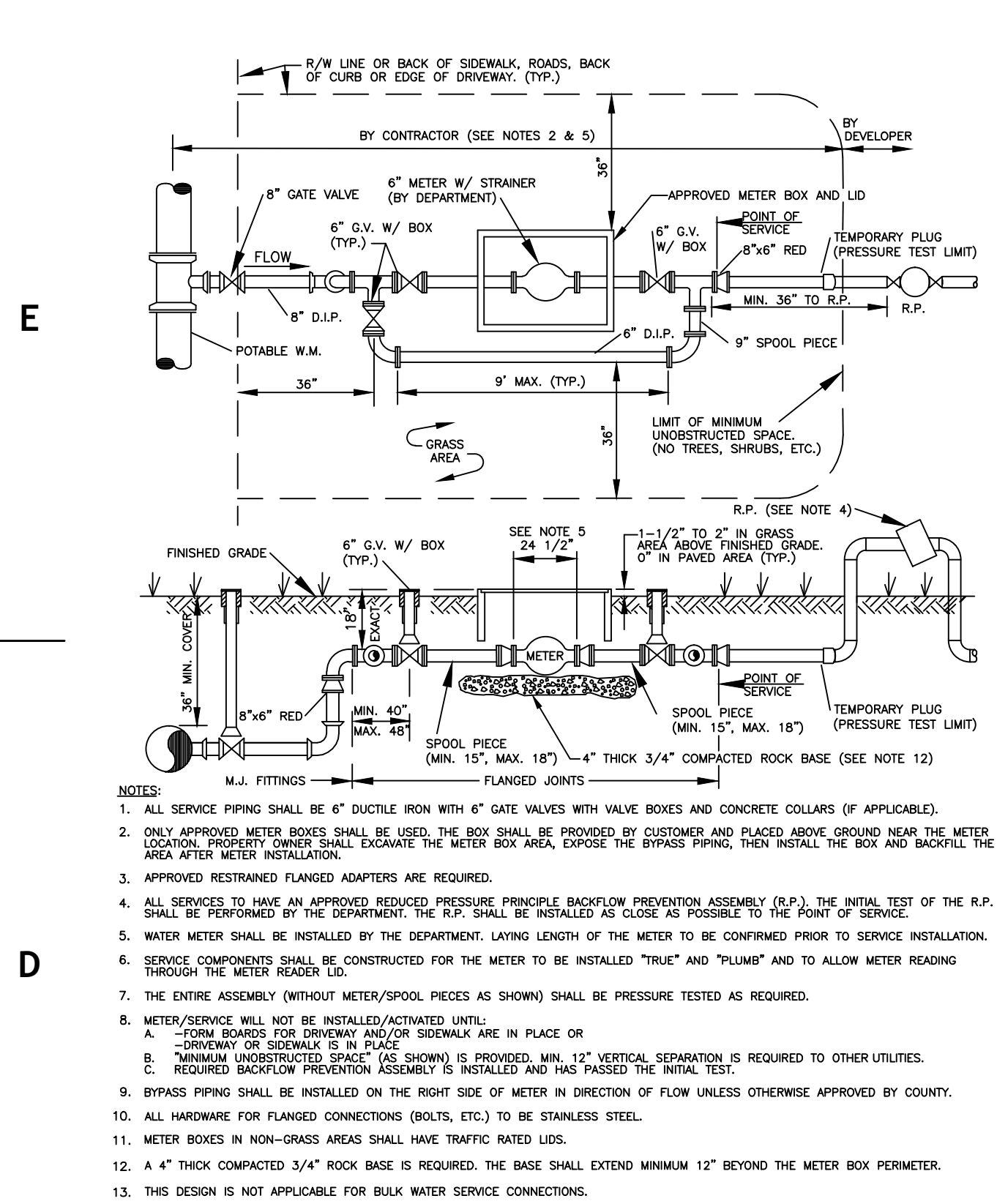
TRUCK DOCK

SECTION
NTS



TYPICAL TRUCK DOCK SUMP PUMP

DETAIL
NTS

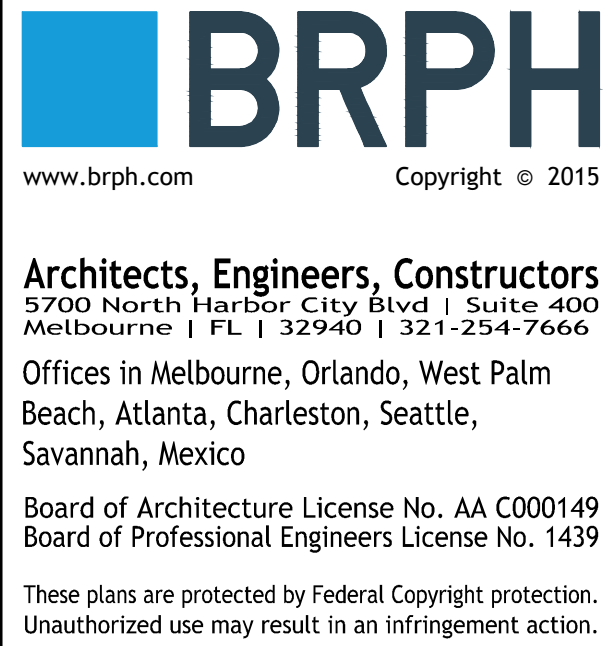
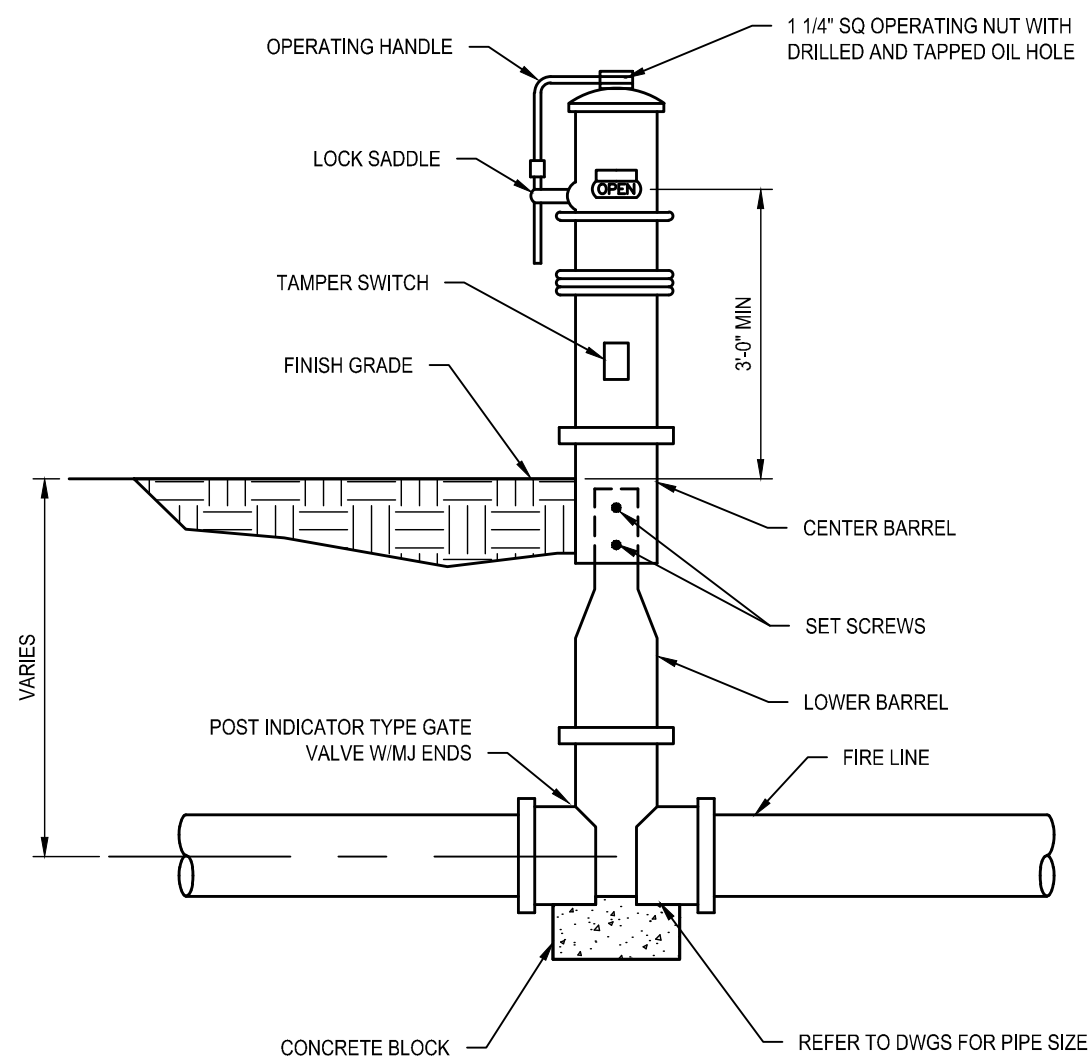
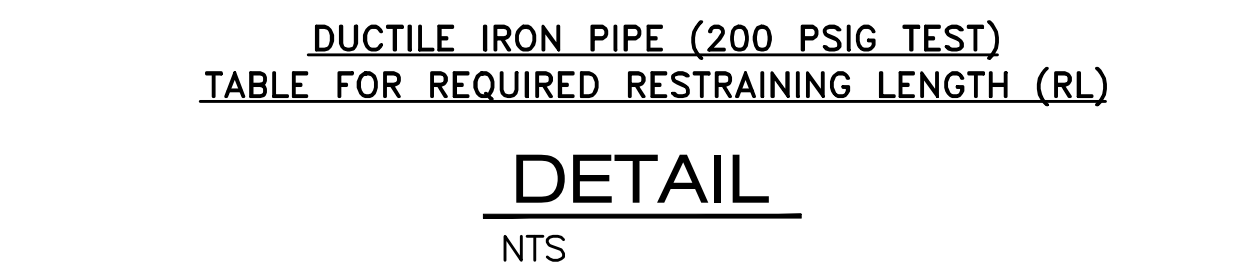
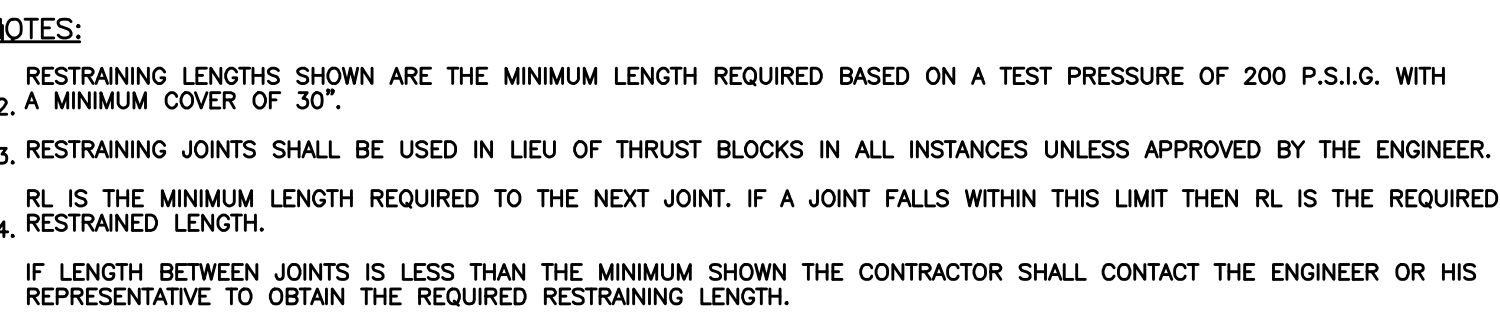
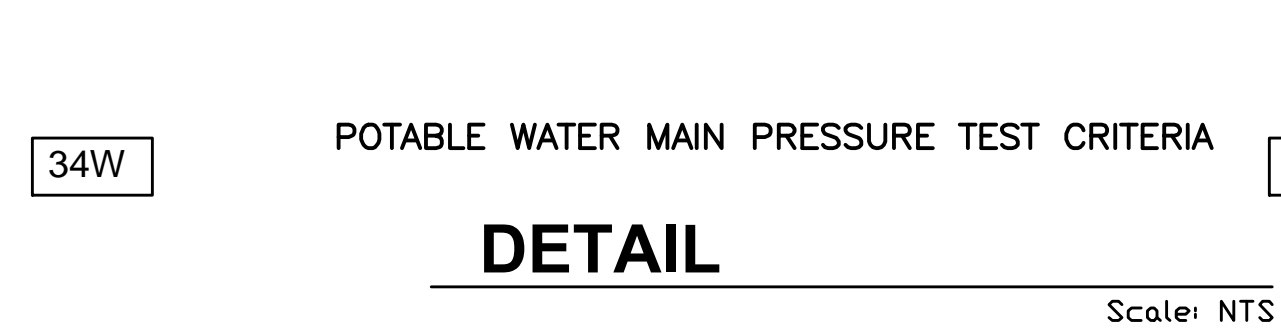
[illegible]

MAXIMUM QUANTITY OF WATER (GALLONS PER HOUR) THAT MAY BE SUPPLIED
TO MAINTAIN PRESSURE WITHIN 5 P.S.I. OF THE SPECIFIED TEST PRESSURE
(MECHANICAL OR PUSH-ON JOINT, 18 FT. NOMINAL LENGTHS, PER 1000 FT. OF PIPE)

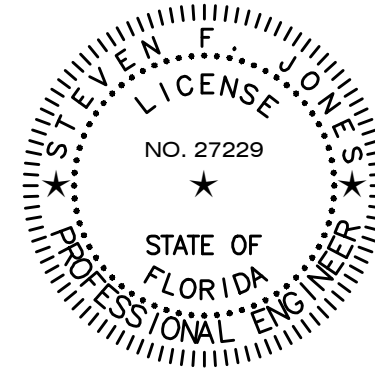
ST NO.	PIPE DIAMETER (INCHES)															
	2	3	4	6	8	10	12	14	16	18	20	24	30	36	42	48
0.10	0.14	0.18	0.27	0.37	0.46	0.55	0.64	0.73	0.83	0.92	1.10	1.38	1.65	1.93	2.20	
0.10	0.15	0.21	0.31	0.42	0.53	0.63	0.74	0.84	0.95	1.06	1.27	1.59	1.91	2.22	2.54	

NOTES:

1. TO OBTAIN THE MAXIMUM QUANTITY OF WATER FOR PIPE WITH 20 FT. NOMINAL LENGTHS, MULTIPLY THE QUANTITY PER HOUR FROM THE ABOVE TABLE BY 0.9
2. THE MAXIMUM QUANTITY OF ADDED WATER FOR A PIPELINE IS CALCULATED BY MULTIPLYING THE QUANTITY PER HOUR FROM THE ABOVE TABLE BY THE DURATION OF THE TEST IN HOURS AND BY THE TOTAL LENGTH OF THE LINE BEING TESTED BY 1,000. IF THE WATER TESTER TESTS A PIPE OF VARIOUS DIAMETERS, THE MAXIMUM QUANTITY ADDED WILL BE THE SUM OF THE COMPUTED QUANTITIES FOR EACH SIZE.
3. MAXIMUM TEST LENGTH = 2,500 FEET PER SECTION.
4. THIS STANDARD SHALL REFLECT ANY REVISION OF AWWA C-600, HOWEVER, THE MAXIMUM QUANTITY OF WATER ADDED SHALL NOT EXCEED 50% OF THE RECOMMENDED LIMIT PER APPLICABLE AWWA C-600 STANDARD.
5. STANDARD TEST PRESSURE = 150 PSI/2.0 PSI. FOR MAINS LONGER THAN 24"
6. PRESSURE TEST DURATION TO BE MIN. 2 HOURS.



BAGASSE PROCESSING FACILITY
BELLE GLADE, FLORIDA
RENEWCO, LLC



ARCH/ENGR OF RECORD
STEVEN F. JONES
FL PE 27229

DESIGNED BY
ACOPIAN

DRAWN BY
SMITH

CHECKED BY
JONES

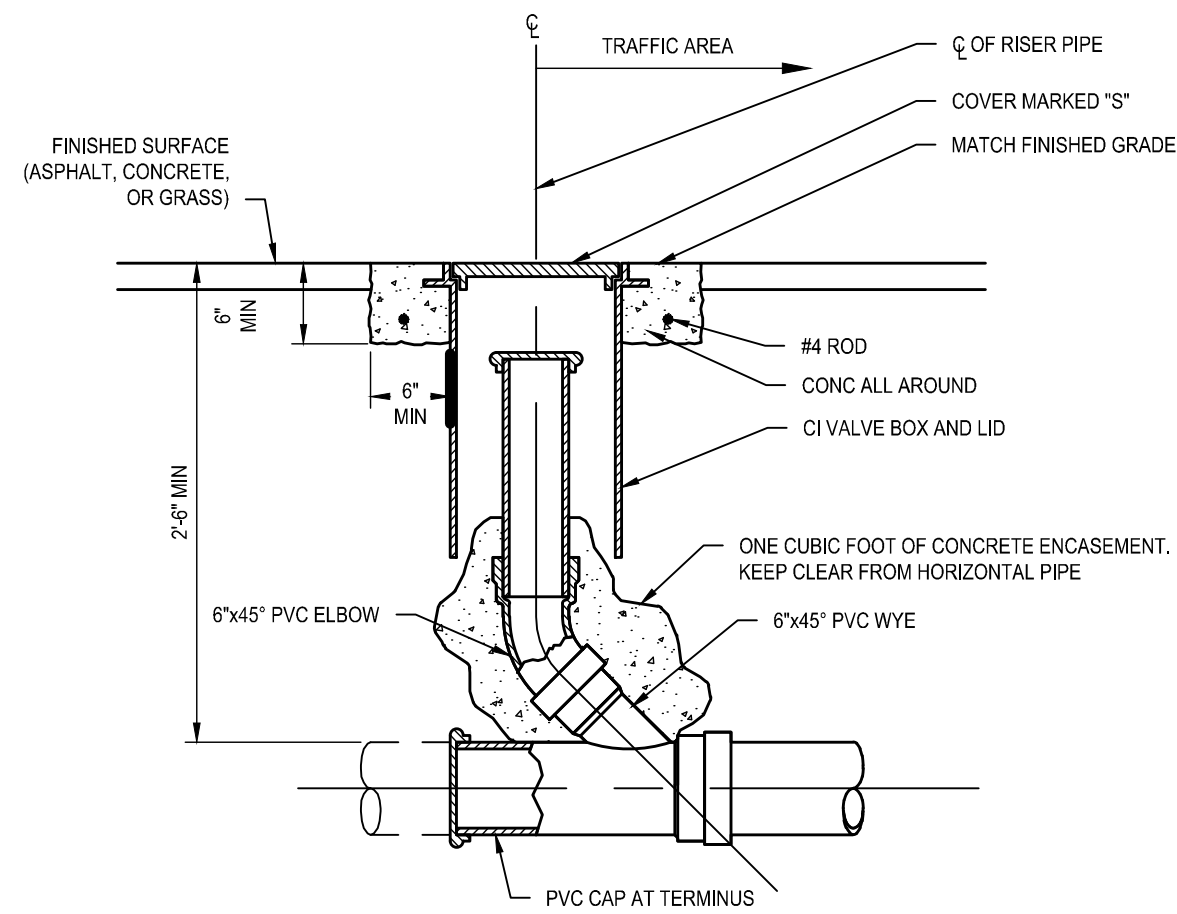
PROJECT NO./CAD CODE
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DATE
12-12-2016
TITLE

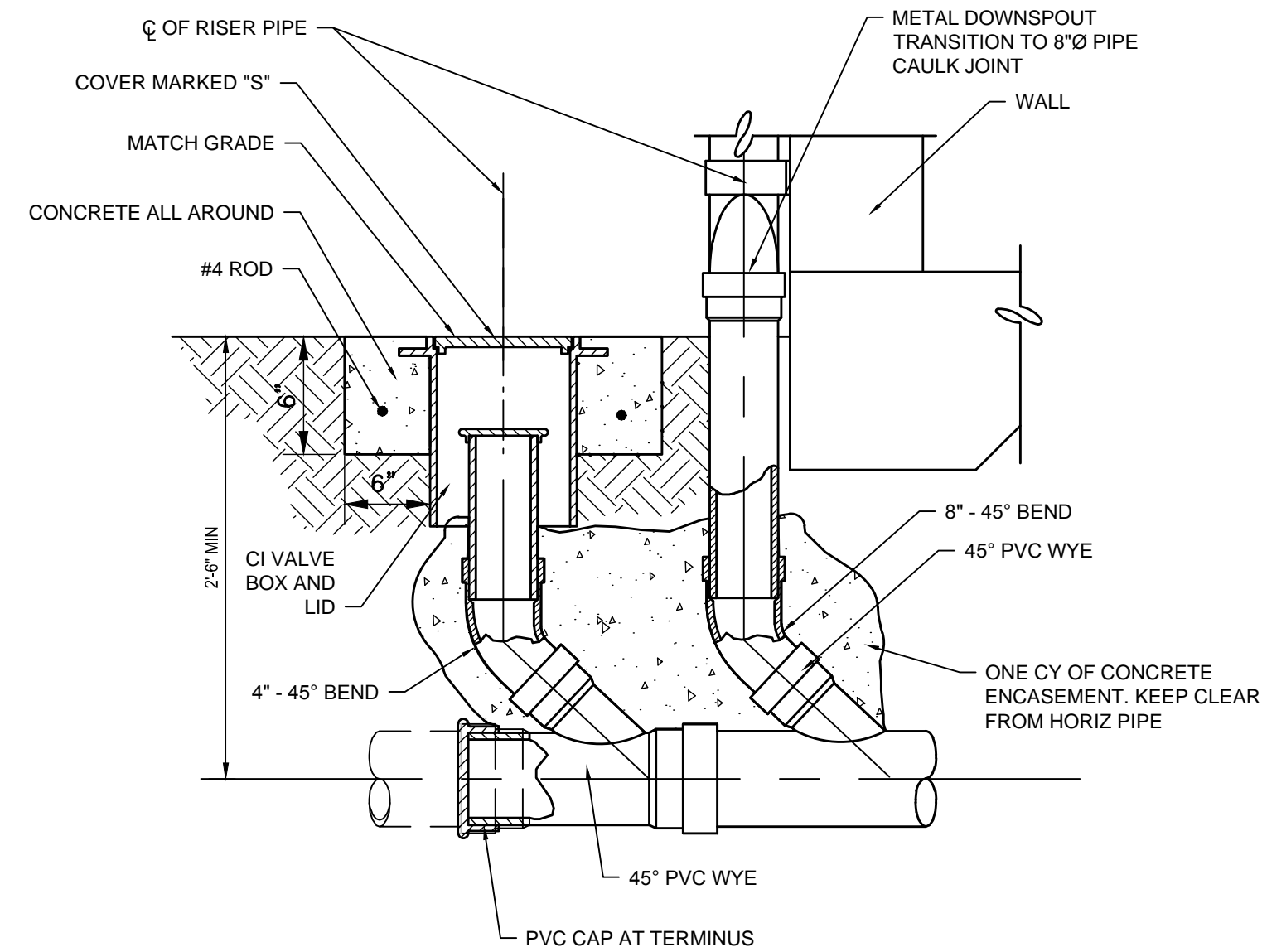
UTILITY DETAILS

DRAWING NO.
C-505



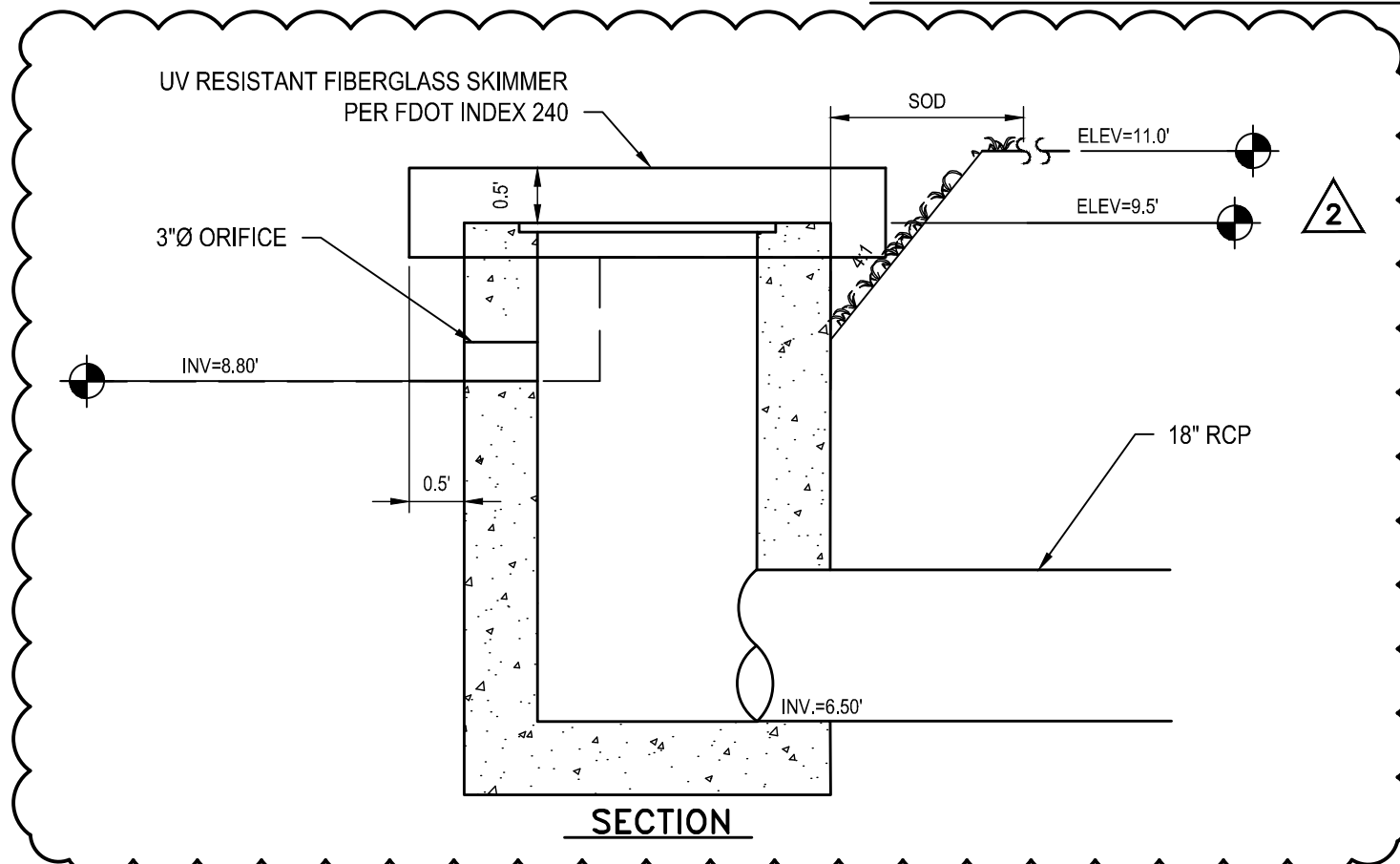
CLEANOUT

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ROOF DRAIN CLEANOUT

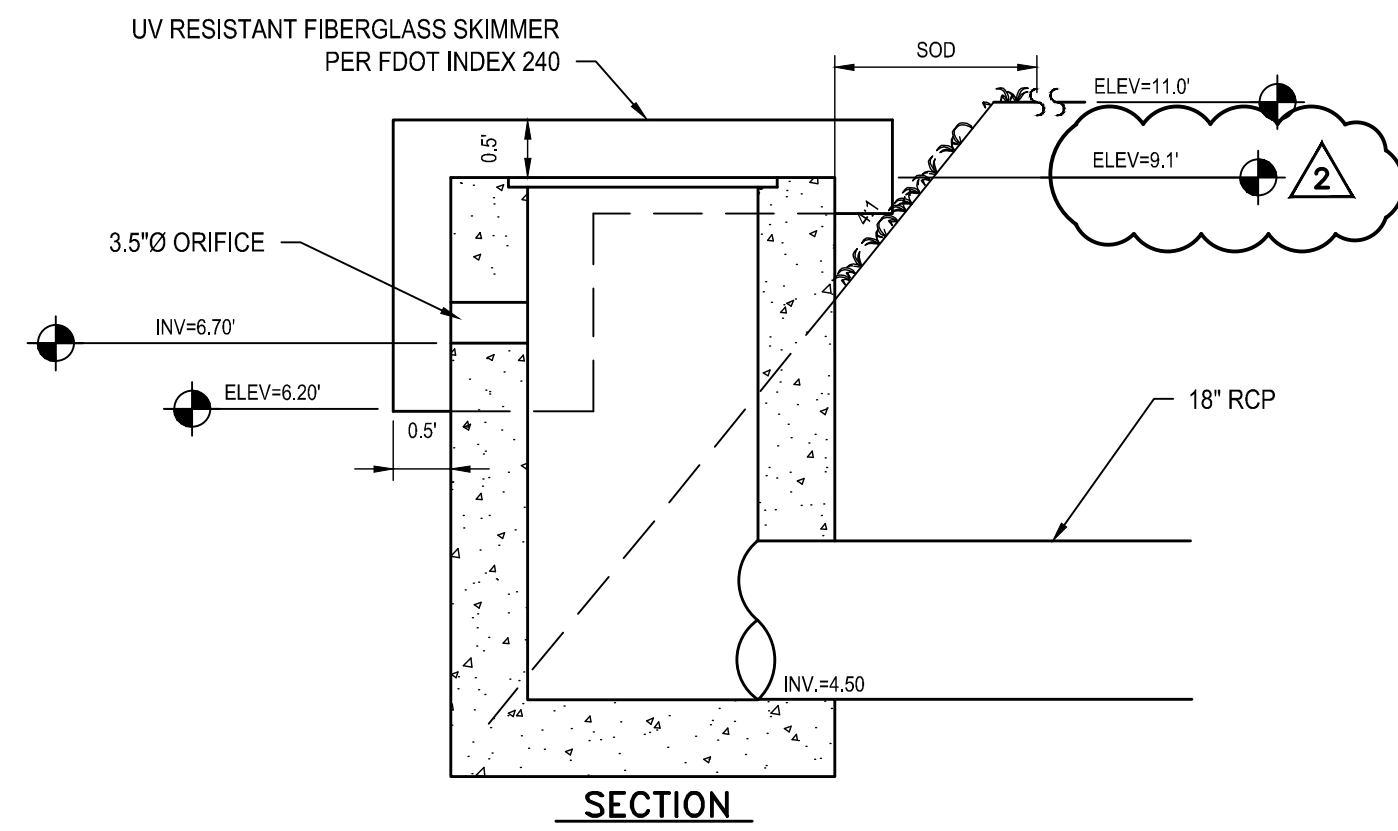
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PLAN

CONTROL STRUCTURE 2 DETAIL

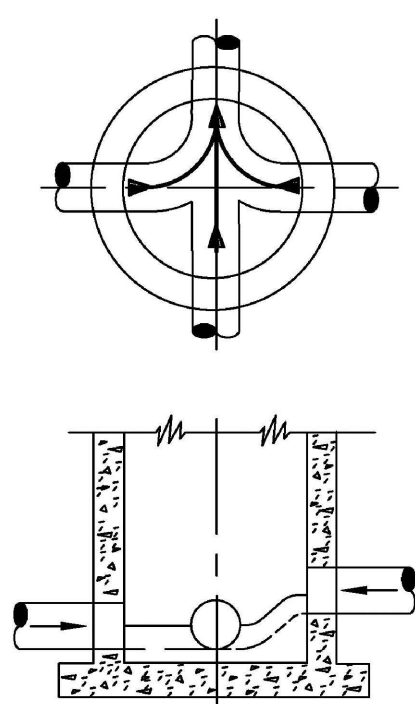
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PLAN

CONTROL STRUCTURE 1 DETAIL

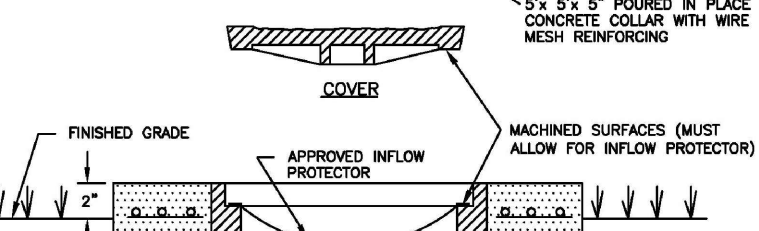
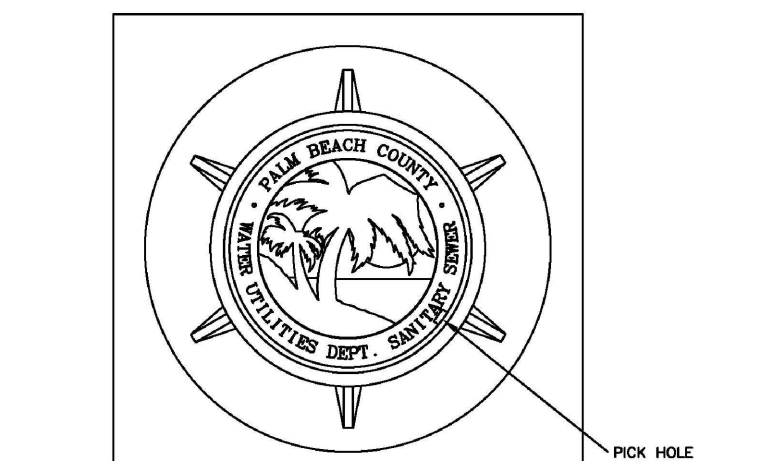
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- NOTES:
1. PROPERLY SHAPED INVERT CHANNELS AND SPILLWAYS SHALL BE CONSTRUCTED BETWEEN PIPES WITH DIFFERENT INVERT ELEVATIONS TO PROVIDE FOR SMOOTH FLOWS.
 2. SEWAGE LATERALS SHALL NOT ENTER MANHOLES UNLESS SPECIFIED ON PLANS AND THEN MUST BE TREATED AS MAINS (ELEVATIONS SHOWN, PRECAST HOLE, FLOW CHANNEL).
 3. APPROVED PRECAST POLYPROPYLENE OR FIBER REINFORCED POLYMER (FRP) FLOW CHANNELS WITH INTEGRATED PIPE INVERTS (SEE SEPARATE DETAILS), PRECAST CONCRETE FLOW CHANNELS, OR FIELD INSTALLED CONCRETE FLOW CHANNELS ARE REQUIRED.
 4. SIDEWALLS OF FLOW CHANNELS SHALL BE AT LEAST HALF OF PIPE HEIGHT AT ALL POINTS.
 5. NO INSIDE DROP LARGER THAN 8" SHALL BE ALLOWED WITH 3 OR 4 INVERTS AND MANHOLES WITH A CHANGE OF DIRECTION OF FLOW OF MORE THAN 45 DEGREES.
 6. THE FIELD APPLIED CORROSION BARRIER SYSTEM SHALL BE INSTALLED AFTER INVERT CHANNEL CONSTRUCTION UNLESS PRECAST THERMOPLASTIC LINER IS USED. THE FIELD APPLIED CORROSION BARRIER MAY NOT BE APPLIED TO THE FLOW CHANNEL.

INVERT FLOW CHANNELS

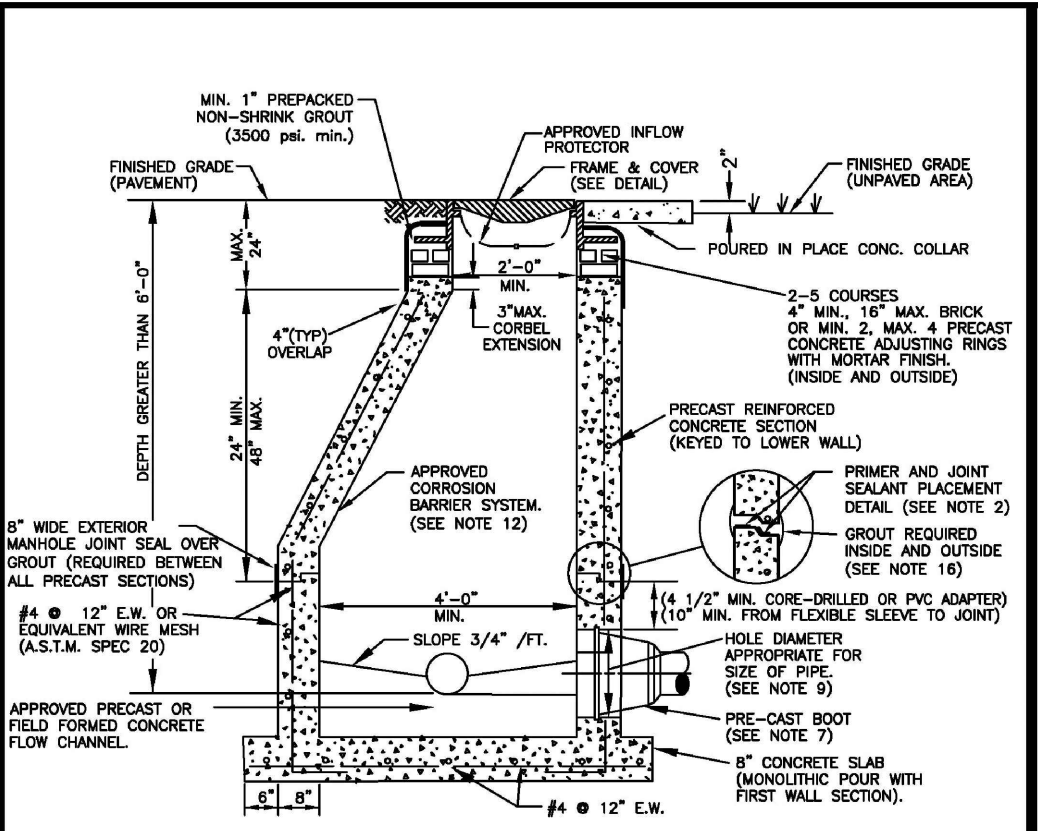
16S



- NOTES:
1. COLLAR IS REQUIRED ONLY WHEN MANHOLE IS OUT OF PAVEMENT.
 2. STANDARD FRAME AND COVER SIZE SHALL BE SEVEN INCHES (7"). A 4" FRAME MAY ONLY BE USED WITH PRIOR APPROVAL.
 3. A STEEL MANHOLE RISER, APPROVED PRECAST CONCRETE ADJUSTING RINGS OR ADDITIONAL BRICKS MAY BE USED TO ELEVATE EXISTING MANHOLE COVERS TO RESURFACED GRADE (MAX. 4" HEIGHT).
 4. COVER SHALL FIT FLUSH WITH THE FRAME WITH THE INFLOW PROTECTOR INSTALLED.

GRAVITY SEWER MANHOLE FRAME & COVER

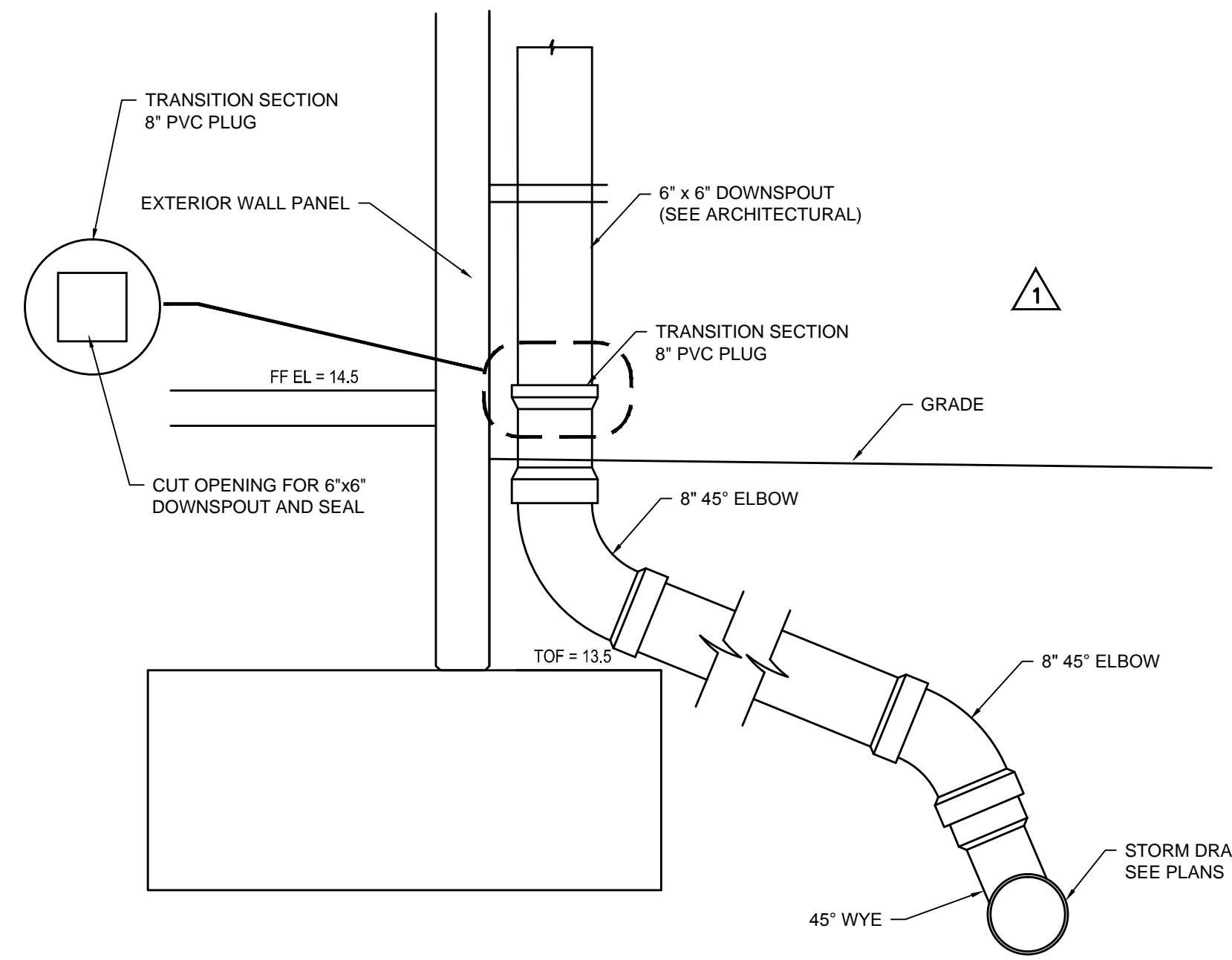
17S



- NOTES:
1. PRECAST CONCRETE TYPE II 4000 P.S.I. CALCEAREOUS AGGREGATE REQUIRED (MIN. CO-23 CONTENT; 85% IN LARGE AGGREGATE, SEE IN CONCRETE SPECIFICATIONS).
 2. INSTALL APPROVED JOINT SEALANT AT ALL RISER JOINTS WITH GROUT ON INSIDE AND OUTSIDE. MANHOLE SHOP DRAWINGS SHALL INCLUDE THE SIZE AND PLACEMENT OF JOINT SEALANT. AN APPROVED JOINT PRIMER SHALL BE APPLIED BY THE PRECASTER (CONCRETE SECTION ONLY).
 3. ALL OPENINGS SHALL BE SEALED WITH A WATERPROOF NON-SHRINKING GROUT.
 4. FLOW CHANNELS SHALL BE PRECAST OR FIELD CONSTRUCTED TO DIRECT INFLENT INTO FLOW STREAM. (SEE DETAIL)
 5. LIFT HOLES ARE PERMITTED.
 6. ALL PIPE HOLES SHALL BE PRECAST OR CORE - DRILLED.
 7. A. FOR PVC PIPE EXTERIOR MANHOLE WITH PRECAST HOLES USE THE APPROVED, PRECASTED FLEXIBLE MANHOLE SLEEVE FOR THE APPROPRIATE PIPE DIAMETER AND DIMENSION WALL. DOUBLE BANDING IS REQUIRED FOR FLEXIBLE MANHOLE SLEEVE. B. CONNECTION TO A MANHOLE WITH A CORE DRILLED HOLE SHALL BE MADE USING A 5" MIN. DUCTILE IRON PIPE SECTION (EPOXY LINED) OR APPROVED PVC-MANHOLE ADAPTER. THE ADAPTER SHALL NOT EXCEED MORE THAN 1" INTO THE MANHOLE. C. THE INSIDE AND OUTSIDE SPACE BETWEEN PIPE AND MANHOLE WALL SHALL BE FILLED WITH GROUT.
 8. INSIDE DROPS SHALL NOT BE DESIGNED TO EXCEED 1.80 FEET AND NOT CONSTRUCTED TO EXCEED 2.0 FEET. MAX. 8" INSIDE DROP IS PERMITTED FOR MANHOLES WITH 3 OR MORE INVERTS AND MANHOLES WITH A CHANGE IN FLOW DIRECTION OF MORE THAN 45 DEGREES.
 9. 8" DIAMETER PIPE: 12" HOLE FOR DIP, 15" HOLE FOR PVC - 10" DIAMETER PIPE: 14" HOLE FOR DIP, 17" HOLE FOR PVC.
 10. MANHOLE FABRICATION SHALL BE IN ACCORDANCE WITH ASTM C-478, LATEST STANDARD.
 11. MINIMUM 5 FEET IS REQUIRED BETWEEN OUTSIDE OF MANHOLE AND SERVICE WYE.
 12. MANHOLES TO BE COVERED INSIDE WITH AN APPROVED CORROSION BARRIER SYSTEM. SOLID THERMOPLASTIC CAST-IN LINER IS REQUIRED FOR LAST MANHOLE PRIOR TO LIFT STATION. MANHOLES DEEPER THAN 14 FT. MANHOLES WITH OUTSIDE DROP, AND MANHOLES WITH A FORCE MAIN CONNECTION. (SEE APPROPRIATE DETAILS).
 13. APPROVED INFLOW PROTECTORS ARE REQUIRED.
 14. MANHOLES IN ROADWAYS SHALL BE LOCATED OUTSIDE OF WHEEL PATHS.
 15. SPECIAL PRE-APPROVED GROUT IS REQUIRED FOR PRECAST STRUCTURES WITH ANTIMICROBIAL ADJUTIVE.

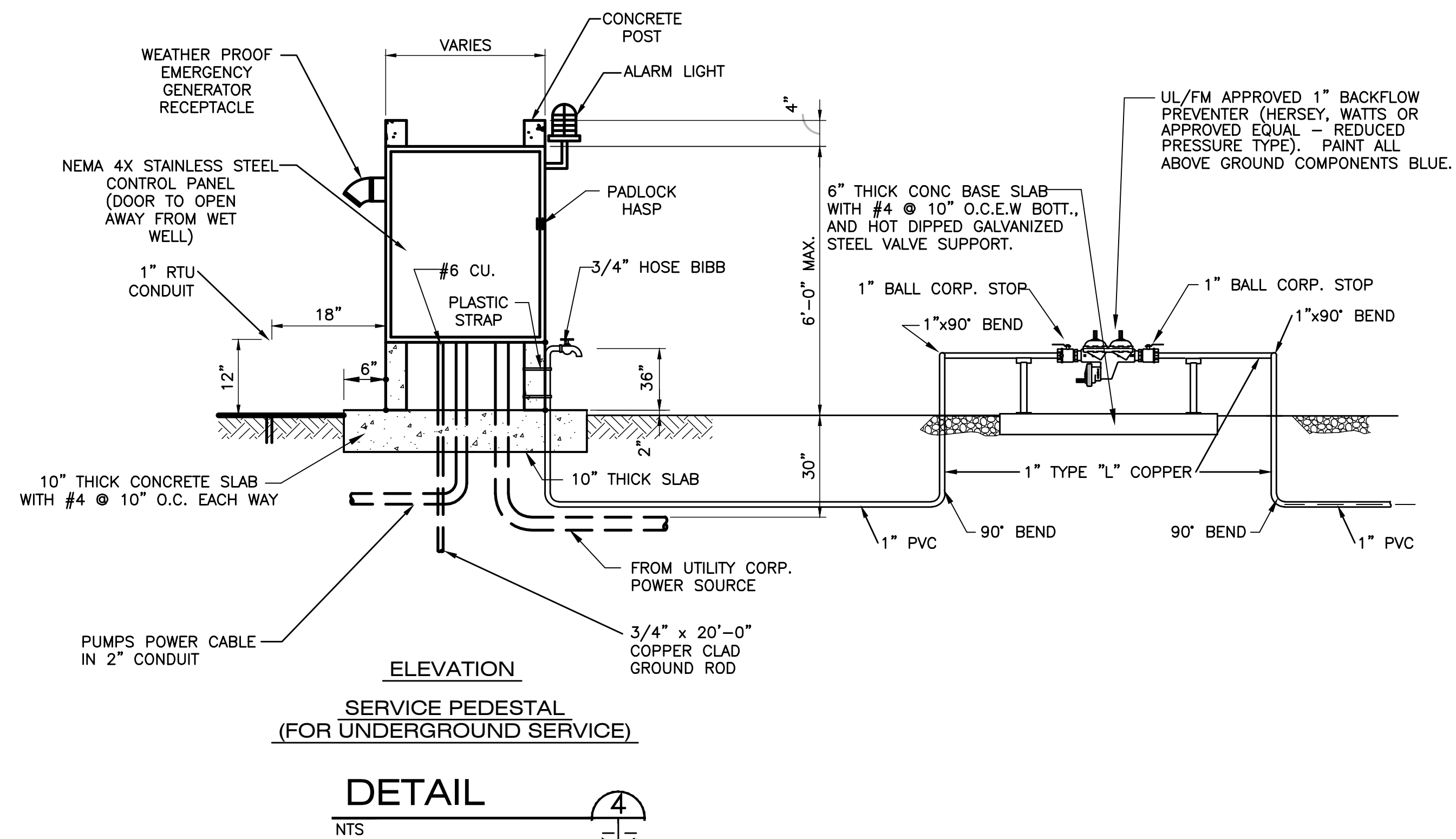
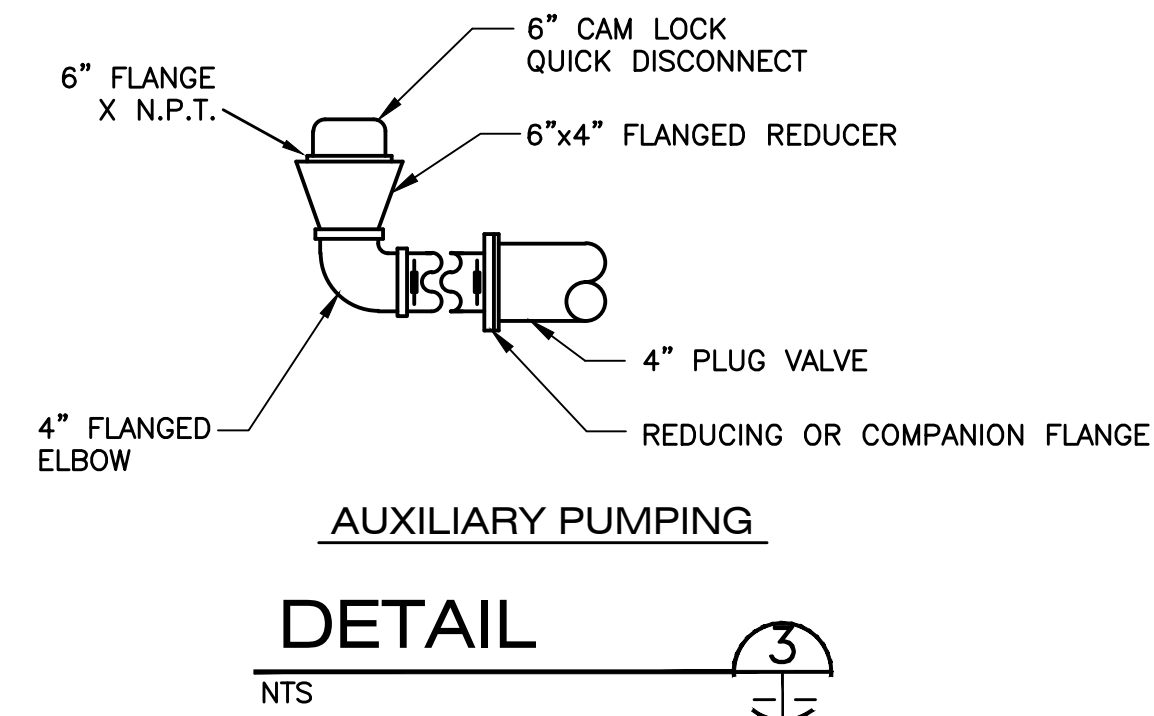
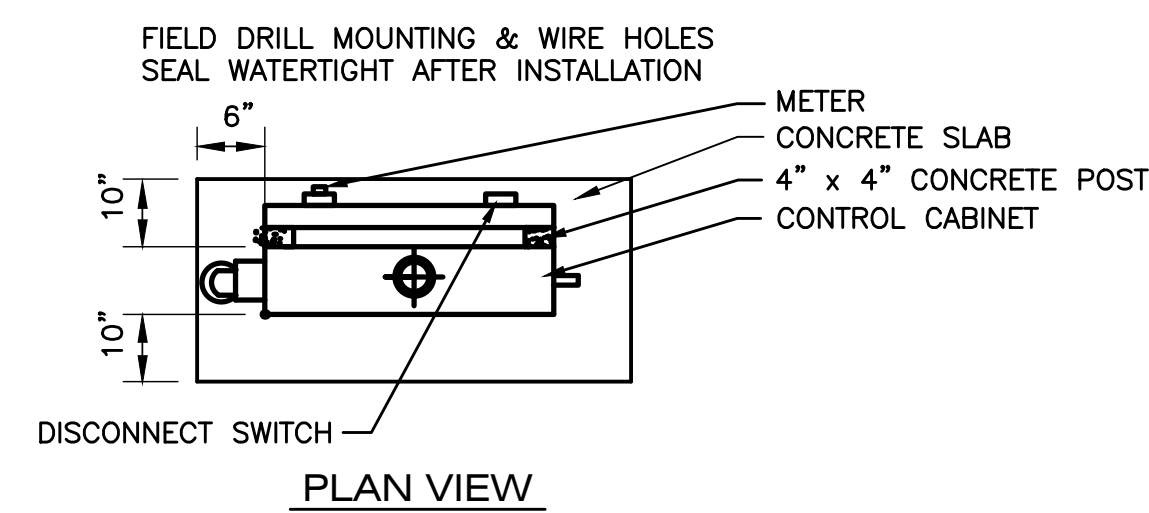
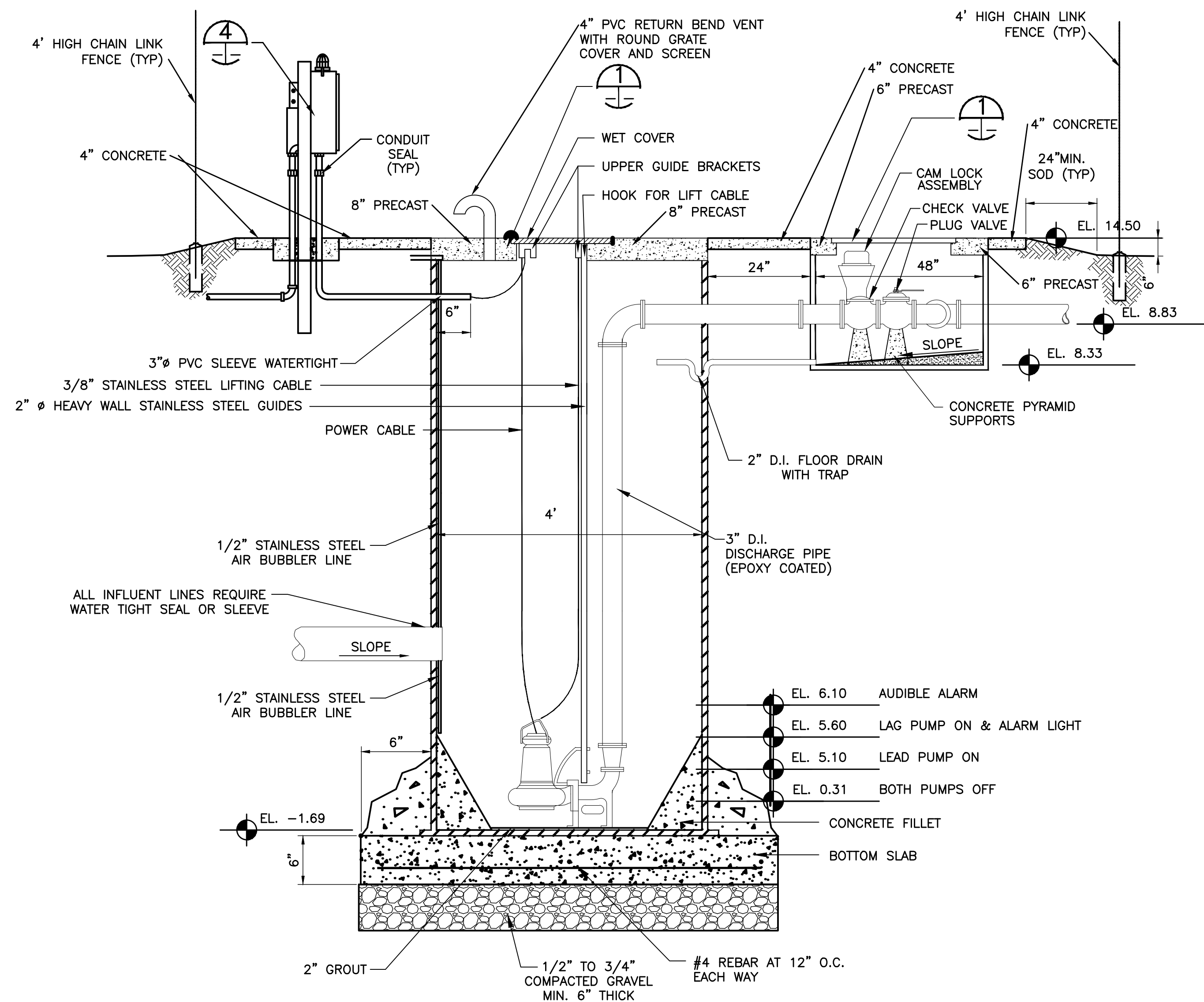
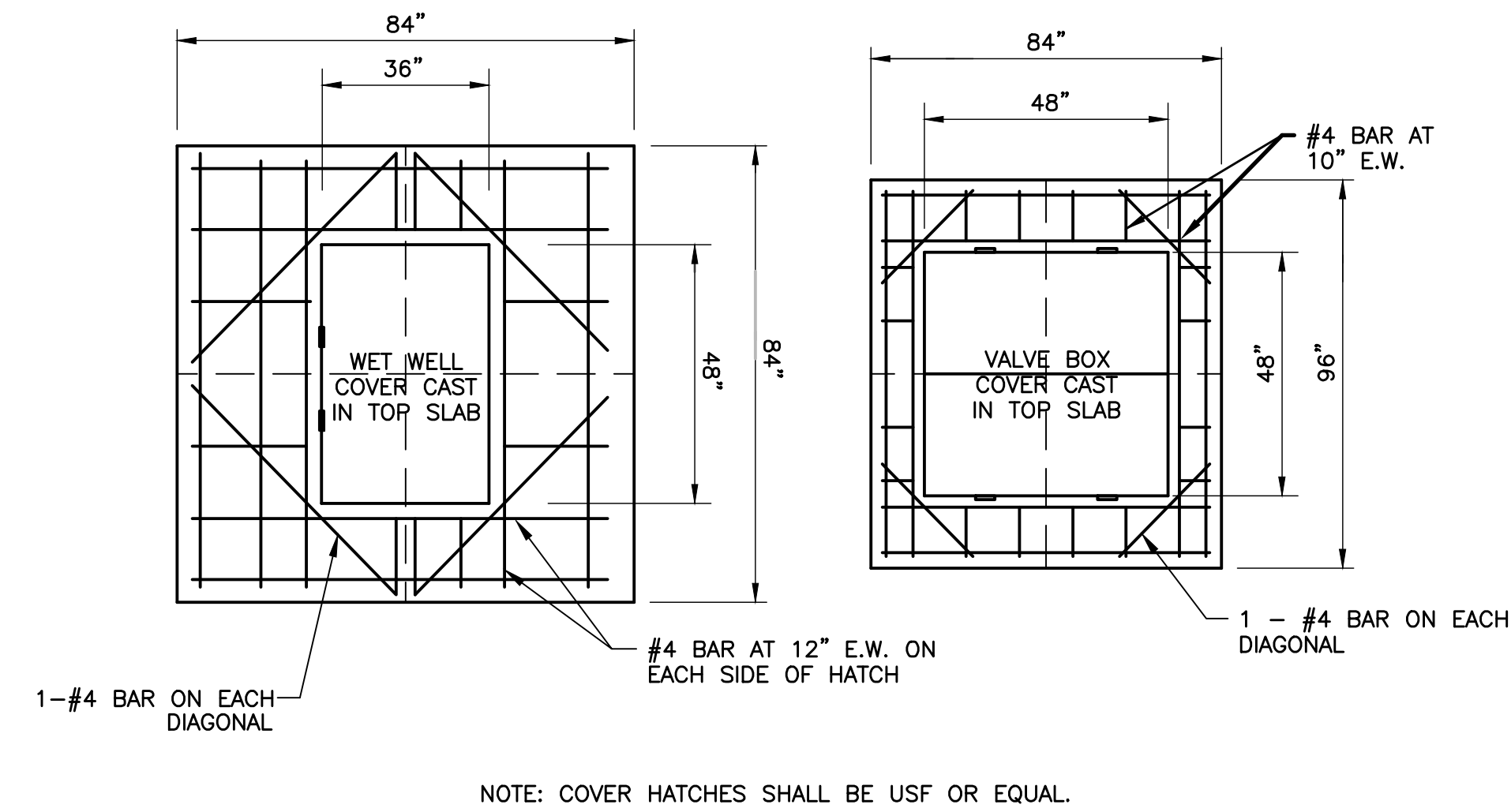
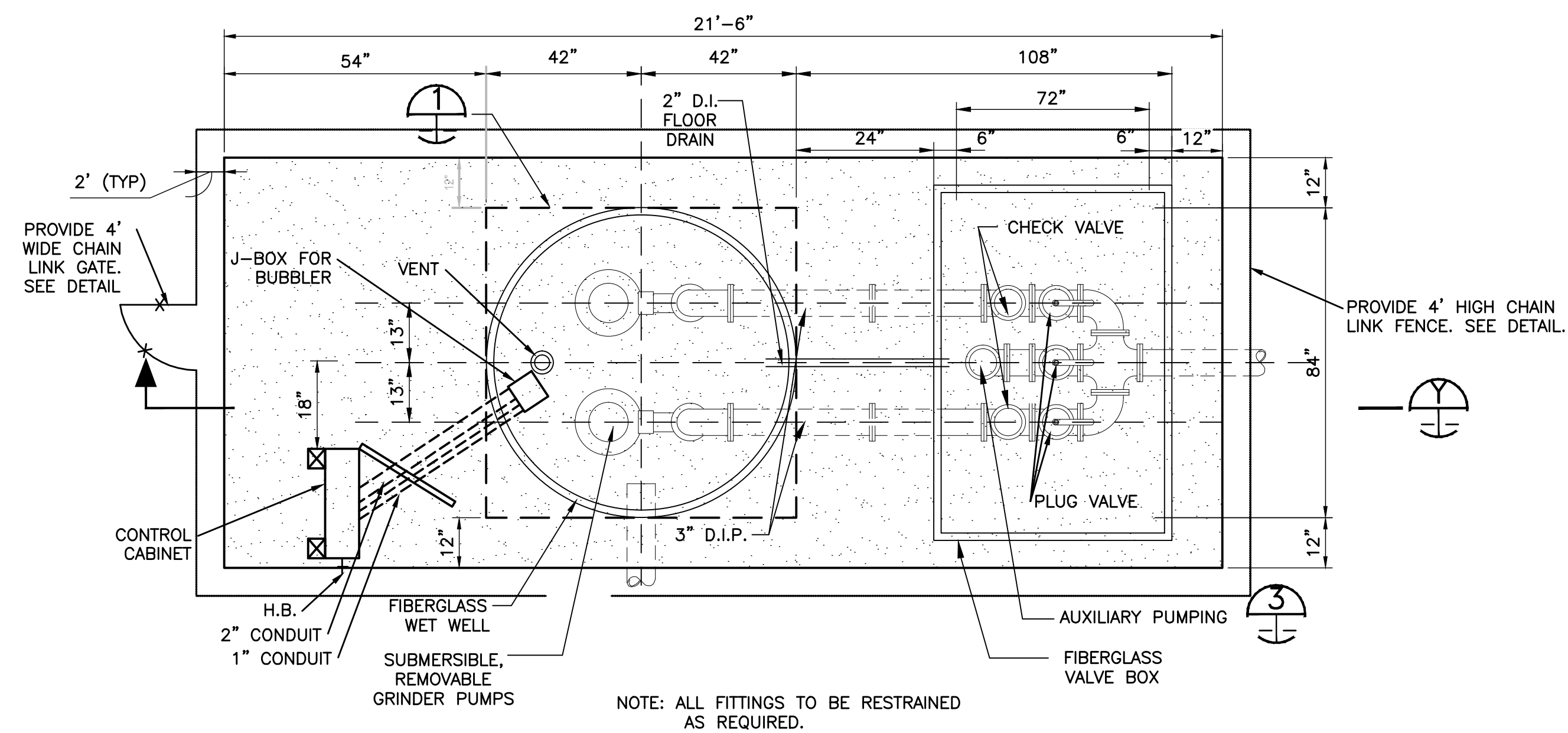
STANDARD MANHOLE

13S



DOWNSPOUT CONNECTION

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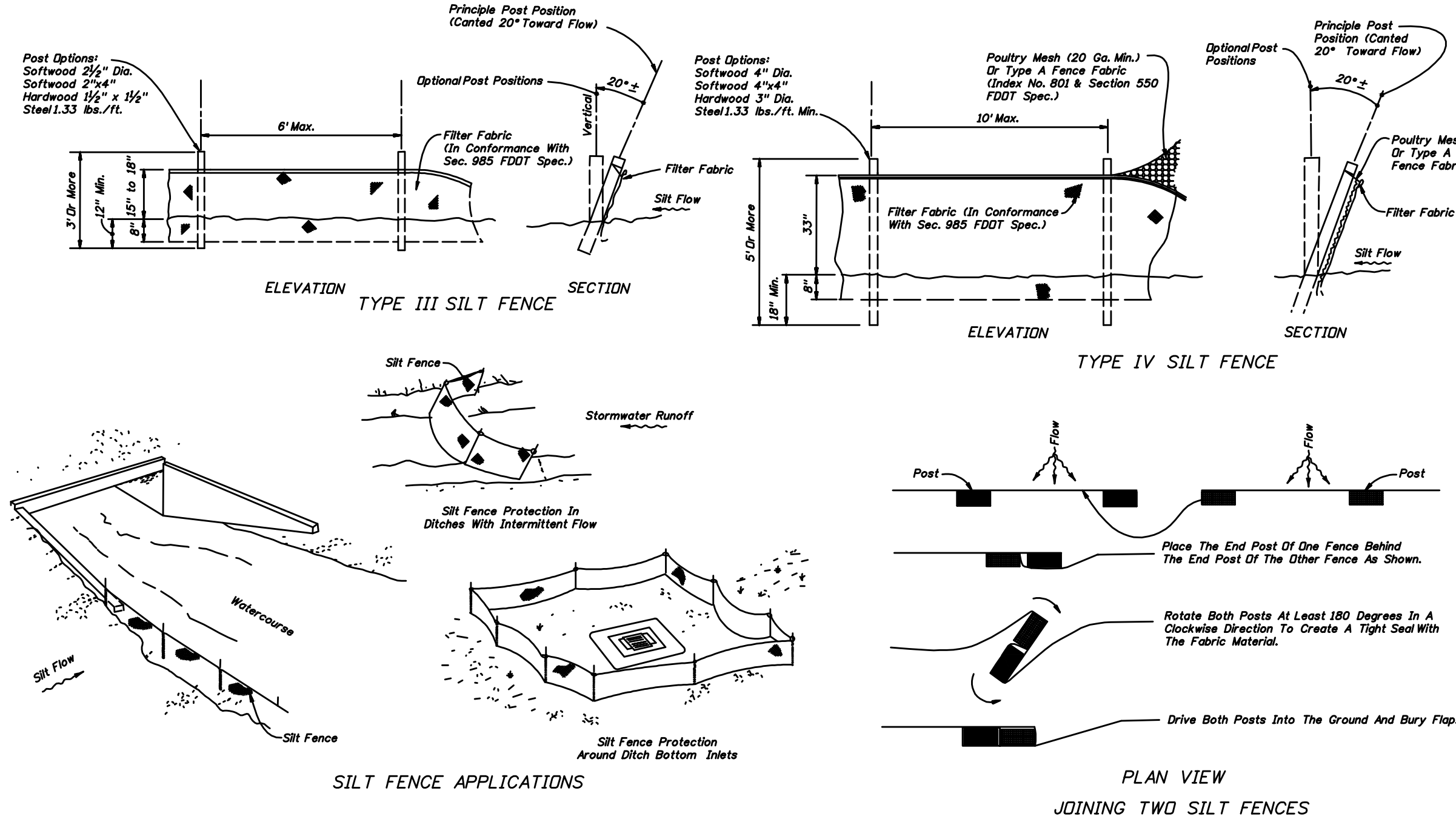
PUMP DATA

(1)

MANUFACTURER: HYDROMATIC	MODEL: HPGH
IMPELLER Dia.: 4.75"	NOMINAL SIZE: 3 in.
SPEED: 3500 r.p.m.	DISCHARGE SIZE: 3 in.
VOLTAGE: 460 v. 60 Hz.	PHASE: 3
HORSEPOWER: 5 h.p.	
OPERATING CONDITIONS SHALL BE 45.0 GPM 53 FT. TDH.	

(1) BASIS OF DESIGN.

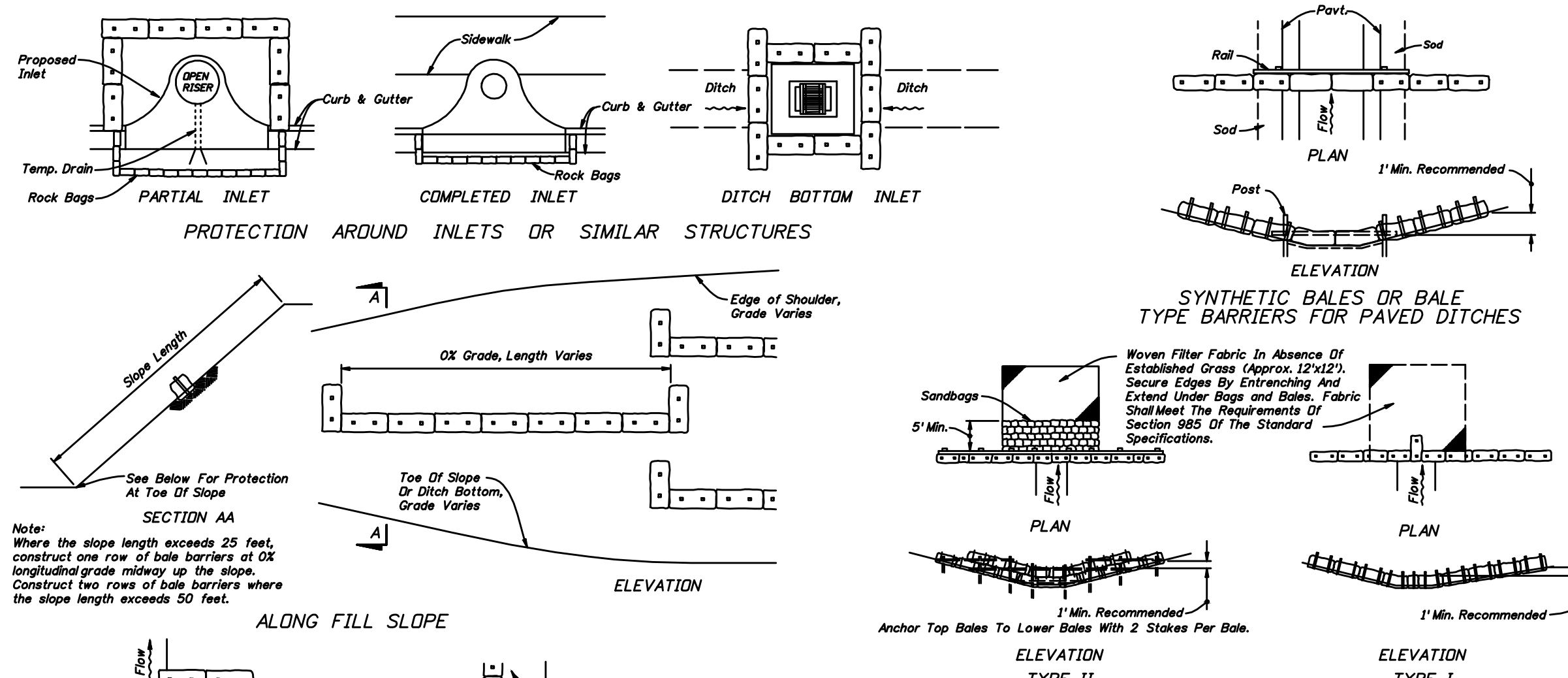
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TEMPORARY EROSION AND SEDIMENT CONTROL

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Sheet No. 3 of 3
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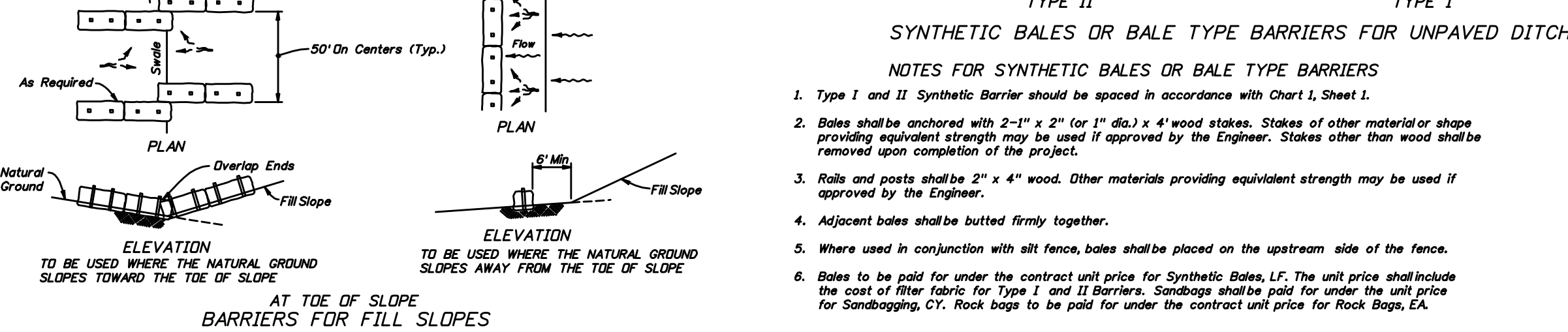
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TEMPORARY EROSION AND SEDIMENT CONTROL

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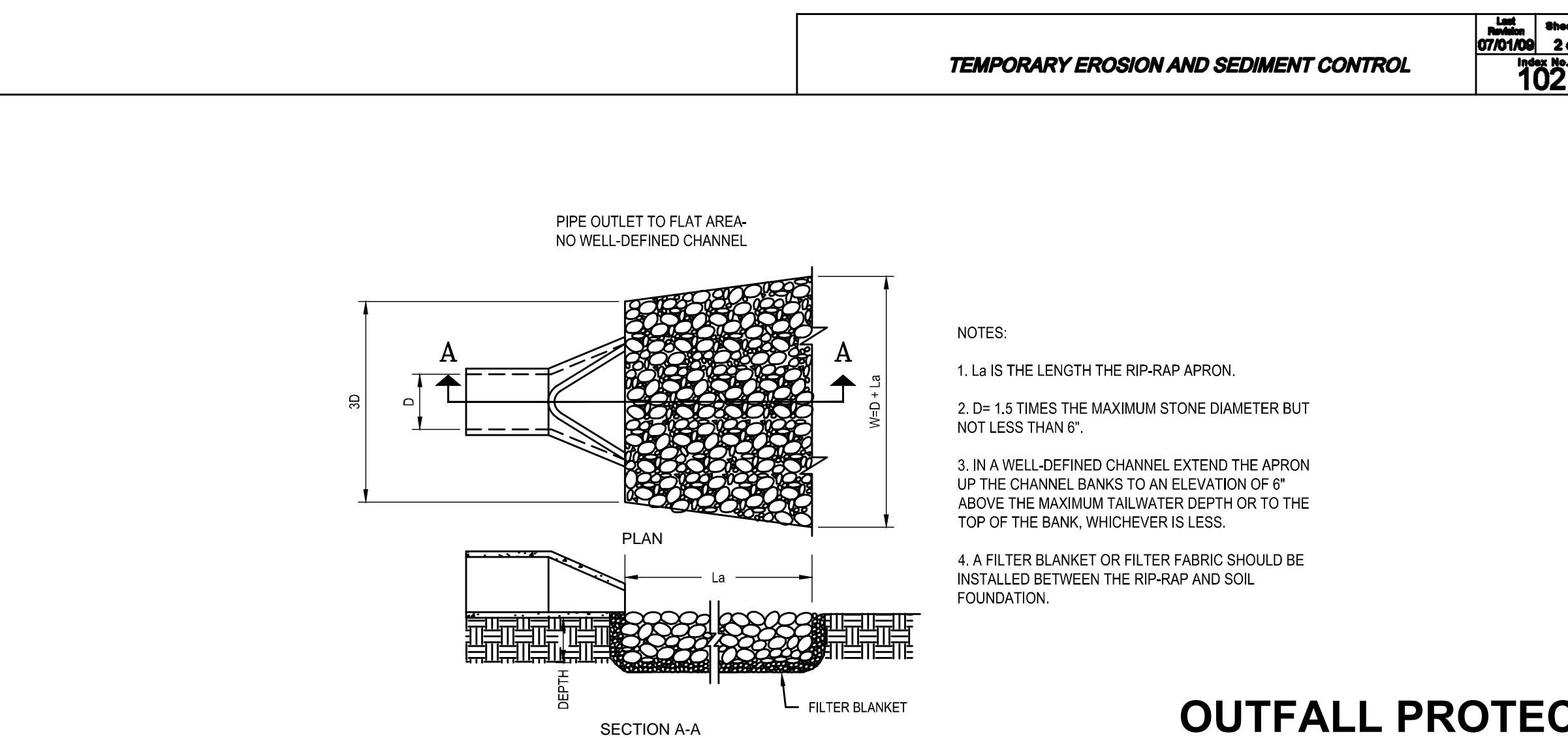
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TEMPORARY EROSION AND SEDIMENT CONTROL

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A



OUTFALL PROTECTION DETAILS

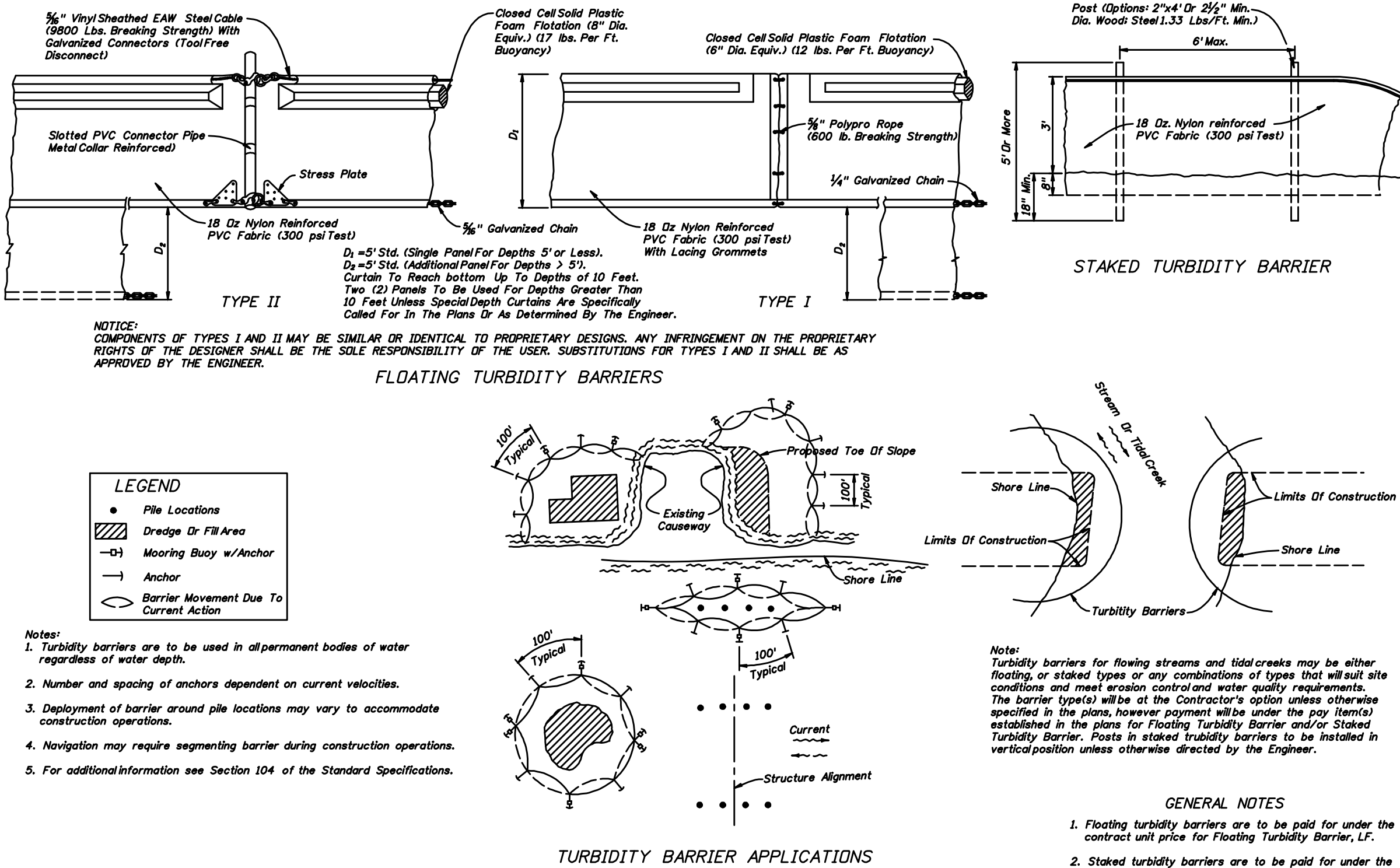
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OUTLET RIP-RAP EROSION PROTECTION

OUTLET #	D	3D	La	W	DEPTH	ROCK TYPE	Q (cfs)	VELOCITY (fps)
1	18" X 12"	4.5'	30'	34.5'	9"	R-3	1.87	3.15
2	18" X 12"	4.5'	30'	34.5'	9"	R-3	1.87	3.15
3	18" X 12"	4.5'	30'	34.5'	9"	R-3	2.06	3.23
5	18"	4.5'	50'	34.5'	9"	R-3	5.13	4.15
8	18" X 12"	4.5'	30'	34.5'	9"	R-3	0.52	1.20
9	18" X 12"	4.5'	30'	34.5'	9"	R-3	1.09	1.25
10	18" X 12"	4.5'	30'	34.5'	9"	R-3	0.47	1.15
11	18" X 12"	4.5'	30'	34.5'	9"	R-3	0.47	1.15
15	18"	4.5'	30'	34.5'	9"	R-3	0.43	1.12
17	18" X 12"	4.5'	30'	34.5'	9"	R-3	2.06	3.23
20	18" X 12"	4.5'	30'	34.5'	9"	R-3	0.25	1.00
21	18" X 12"	4.5'	30'	34.5'	9"	R-3	0.25	1.00
25	18" X 12"	4.5'	30'	34.5'	9"	R-3	1.09	1.25
27	12"	3'	30'	33'	9"	R-3	1.93	3.17
31	24"	6'	50'	56'	9"	R-3	5.41	4.20
35	24"	6'	50'	56'	9"	R-3	2.10	3.20
36	18" X 12"	4.5'	30'	34.5'	9"	R-3	1.09	1.25
45	8"	2'	30'	32'	9"	R-3	3.05	3.52

R3 ROCK MIN. 2" MAX 6", AVG 3"
BAHIA GRASS PERMISSIBLE VELOCITY 4 FPS

FLOATING TURBIDITY BARRIERS



TURBIDITY BARRIERS

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Sheet No. 1 of 1
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E

I. SITE DESCRIPTION

A. Construction Activity

The project site is approximately 75.97 acres in size of which 31.5 acres is being developed for the construction of a manufacturing facility. The improvements associated with this development include pavement for parking, loading and driving, potable water, fire suppression water storm water, sanitary sewer and a manufacturing building.

Construction activity will include clearing and grubbing of approximately 31.5 acres of the site, the construction of the asphalt paving, sidewalk and miscellaneous items associated with the overall project.

B. Major Soil Disturbing Activities

The major soil disturbing activities will include clearing and grubbing. The sequence of construction will generally follow the order of clearing and grubbing, site grading, utility and drainage installation, building construction, final grading and pavement construction.

C. Total Area to be Disturbed

The total area to be disturbed by excavation, grading and other activities is approximately 31.5 acres.

D. Runoff Coefficients

The project area is presently undeveloped. The runoff coefficients before, during and after construction are as follows:

Before Construction: Undisturbed Uplands C = 0.30
During Construction: Disturbed Uplands and Construction C = 0.34-0.7
After Construction: C = 0.73

E. Site Map

Included with this plan are copies of the Paving and Grading Plans depicting the following: 1. Project location 2. Clearing limits 3. Parking facilities Note that these plans depict the limits of work for the overall project and areas to be disturbed during construction.

F. Receiving Waters

Stormwater discharge from the developed site will enter an adjacent canal that will ultimately discharge into the SFWMD South Florida Hillsboro Canal.

D

II. CONTROLS

Narrative - The sequence of soil disturbing activities and implementation of controls and measures are as follows for the general construction activities:

Clearing and grubbing: As soon as possible following clearing of the perimeter of the site, will be the installation of a silt fence for control of soil erosion. Based on the existing topography of the project site, certain areas within the limits of work may require additional temporary silt fences and erosion control devices to contain unfinished soils within the construction area. These controls will be temporary and will be removed following the final stabilization of the disturbed areas.

Grading: Grading for the project will be completed in phases as each section of the work progresses. Rough grading will occur following the clearing and grubbing activities. Final grading will be completed following the installation of the underground facilities and prior to the pavement and sidewalk installation. Temporary controls will be installed along the limits of the work as necessary and these controls will be removed following final stabilization.

A. Erosion and Sediment Controls

1. Stabilization practices: The proposed work will be stabilized on an interim and permanent basis as the work progresses. Stabilization practices will initially consist of seeding, mulching with sodding being done in some areas such as lake banks and berms.
2. Structural practices: Structural practices will be implemented during construction as temporary controls. These items will consist of the following:
 - a. Berms and dikes for containment of runoff and for dewatering activities.
 - b. Silt fences for perimeter controls.
 - c. Filter cloth, hay bales, or both for inlet protection.
 - d. Turbidity Barriers within the existing lakes. Temporary erosion control shall be implemented prior to and during construction, and permanent control measures shall be completed within 7 days of the completed construction activities.

B. Stormwater Management Upon completion of the project, stormwater runoff will be directed to the water management tracts for water quality treatment and flood protection. Runoff will be directed to the water management tracts by underground drainage lines, control structures, curbing and sheet flow over grass areas. This project will be fully permitted for earthwork activities by South Florida Water Management District. No activity will occur onsite until such time as a permits from the the District is obtained.

C. Other Controls

1. Waste disposal: The contractor shall provide litter control and collection of materials within the project boundaries during construction. All fertilizer, hydrocarbon, or other chemical containers shall be disposed of by the contractor in accordance with FDEP, the Health Department, and the EPA's standard practices. No solid material including building and construction material shall be disposed of, discharged or buried onsite.
2. Offsite vehicle tracking: Loaded haul trucks shall be covered with a tarpaulin. Excess dirt material on the roads shall be removed immediately. Hauling on unpaved surfaces shall be monitored to minimize dust and control erosion. Haul roads shall be watered or other controls provided as necessary to reduce dust and control sediments.
3. Sanitary waste: The contractor shall provide portable sanitary waste facilities. These facilities shall be collected or emptied by a licensed sanitary waste management contractor as required by state regulations.
4. Fertilizers and pesticides: Fertilizer shall be applied at a rate specified by the FDOT Road and Bridge Specifications, latest edition, or the manufacturer's specifications. The application of fertilizers shall be accomplished in a manner as described by the manufacturer or FDOT to ensure the proper installation and to avoid over fertilizing. Pesticides are not anticipated for this project.

D. Approved Site and Local Plans

This project will not be constructed until approvals have been granted by South Florida Water Management District. The measures and controls outlined herein will be implemented by the contractor during construction. These measures and controls will provide the necessary pollution prevention and sedimentation control during construction.

Included with this plan is a certification indicating that the pollution prevention plan has been prepared to comply with the requirements of the stormwater management permit for this project.

III. MAINTENANCE

The contractor will be responsible for maintenance and repairs of erosion and sediment control devices and removal of the erosion and sediment control devices after the notice of termination is executed.

The contractor shall review the project and all erosion and sedimentation controls on a daily basis and during and following rainfall events. The following practices will be implemented to maintain and monitor erosion and sedimentation controls.

A. Project review on a daily basis.

B. Provide and maintain rain gauges onsite (if not available in the area) to record rainfall data daily.

C. Review stabilization practices and controls on a daily basis and maintain and repair these measures and controls as necessary. Temporary and permanent seeding, mulching and sodding shall be repaired in bare spots and washouts, and healthy growth established.

D. Review structural practices on a daily basis and maintain and repair these measures and controls as necessary. Built up sediments shall be removed from silt fences, hay bales and filter cloth and shall be replaced as necessary or removed when they have served their usefulness.

E. An inspection and maintenance report shall be completed weekly and within 24 hours of a rainfall event of 0.25 inches or more (see attached form).

F. If the contractor elects to apply for permits for discharge of stormwater from the site during construction, all points of discharge of stormwater runoff from the site shall be inspected on a daily basis and controls and measures repaired as necessary to maintain acceptable water quality and discharge volumes in accordance with the state permits.

IV. INSPECTIONS

Qualified personnel shall inspect all points of discharge, as applicable, from the project site and all disturbed areas of the construction site that have not been stabilized.

Disturbed areas and areas used for storage of materials exposed to precipitation shall be inspected for evidence of, or potential for pollutants entering the stormwater management system. The stormwater management system and erosion and sedimentation control measures shall be observed to ensure that they are operating correctly. Inspection and maintenance reports shall be completed at least every week and following a rainfall event of 0.25 inches of water or greater (see attached form). These forms shall be retained for a period of at least 3 years following the date the site is finally stabilized.

STORMWATER POLLUTION PREVENTION PLAN

BAGASSE PROCESSING FACILITY

INSPECTION AND MAINTENANCE REPORT FORM

This form to be completed every 7 days and within 24 hours of a rainfall event of 0.25 inches or greater. Copies of these forms shall be retained for a period of at least 3 years.

CONTRACTOR: _____ DATE: _____
CONTRACTOR'S REPRESENTATIVE: _____

OWNER'S REPRESENTATIVE: _____

Days since last rainfall: _____

Amount this period: _____

SEDIMENTATION AND EROSION CONTROLS

Temporary Stabilization Controls: _____

Permanent Stabilization Controls: _____

Inlet Protection: _____

Outfall Protection: _____

Silt Fences: _____

Construction Entrances: _____

Maintenance Required for Sediment Control: _____

To be performed by: _____ on or before: _____.

MATERIALS MANAGEMENT PRACTICES

C

B

A

1

2

3

4

5

6



Architects, Engineers, Constructors
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Board of Professional Engineers License No. 1439

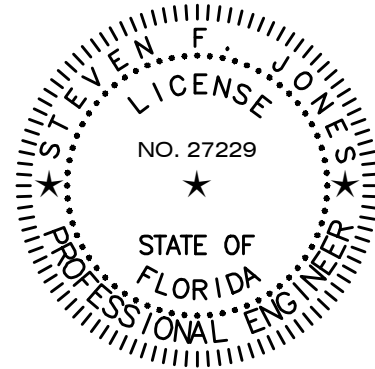
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ISSUE 90% CONSTRUCTION DOCUMENTS

REVISION



BAGASSE PROCESSING FACILITY
BELLE GLADE, FLORIDA
RENEWCO, LLC



ARCH/ENGR OF RECORD
STEVEN F. JONES
FL PE 27229
DESIGNED BY
ACOPIAN
DRAWN BY
SMITH
CHECKED BY
JONES
PROJECT NO./CAD CODE
C07111.004.00C-501 SITE DETAILS.DWG

DATE
12-12-2016
TITLE
SWPPP CONTRACTOR'S REQUIREMENTS

DRAWING NO.
C-510

0:00:11:00:00 - LEMARTEC - BAGASSE PP&P - PHASE 1B SHEETS/C-701 CONSTRUCTION
12/11/2016 10:29 AM

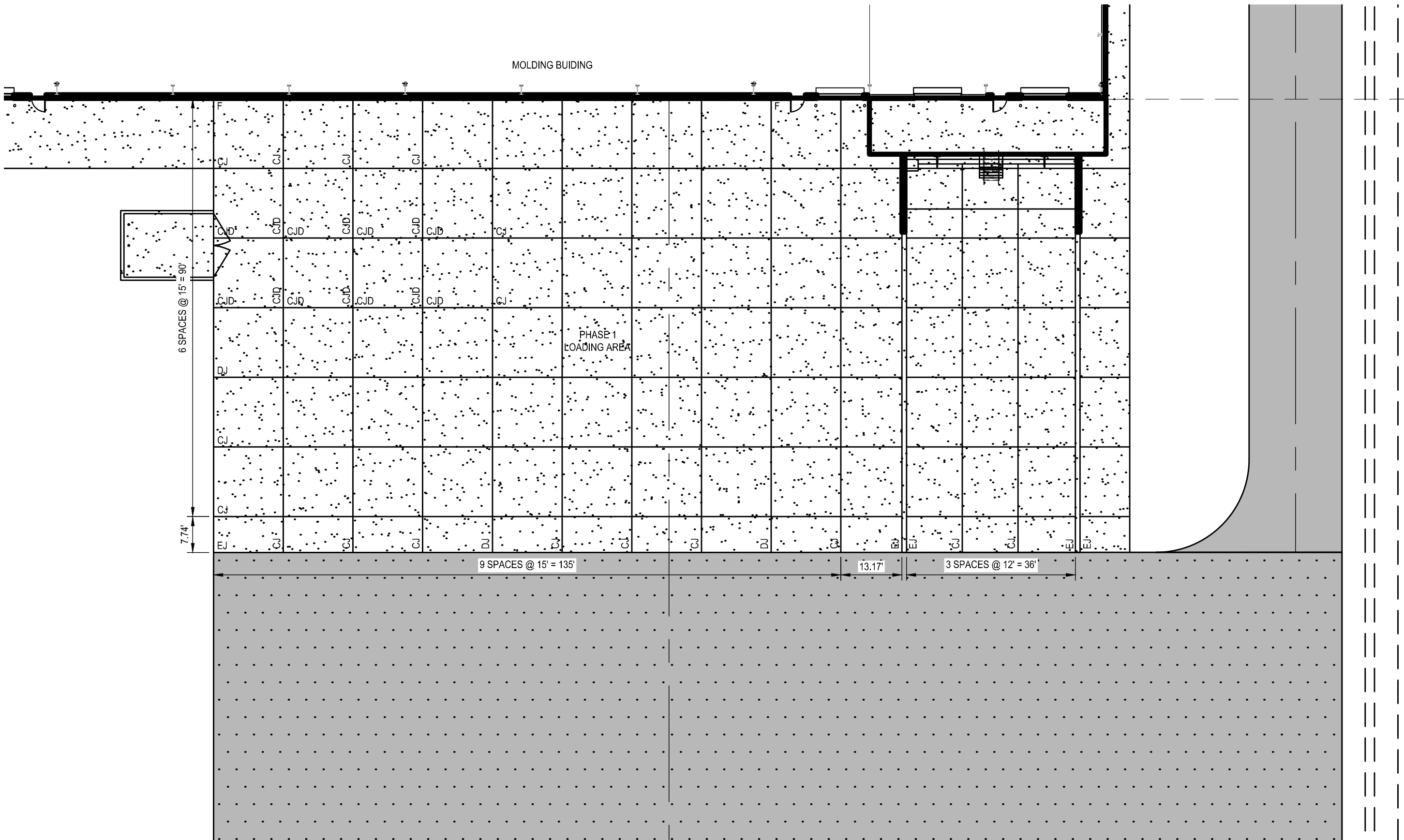
E

D

C

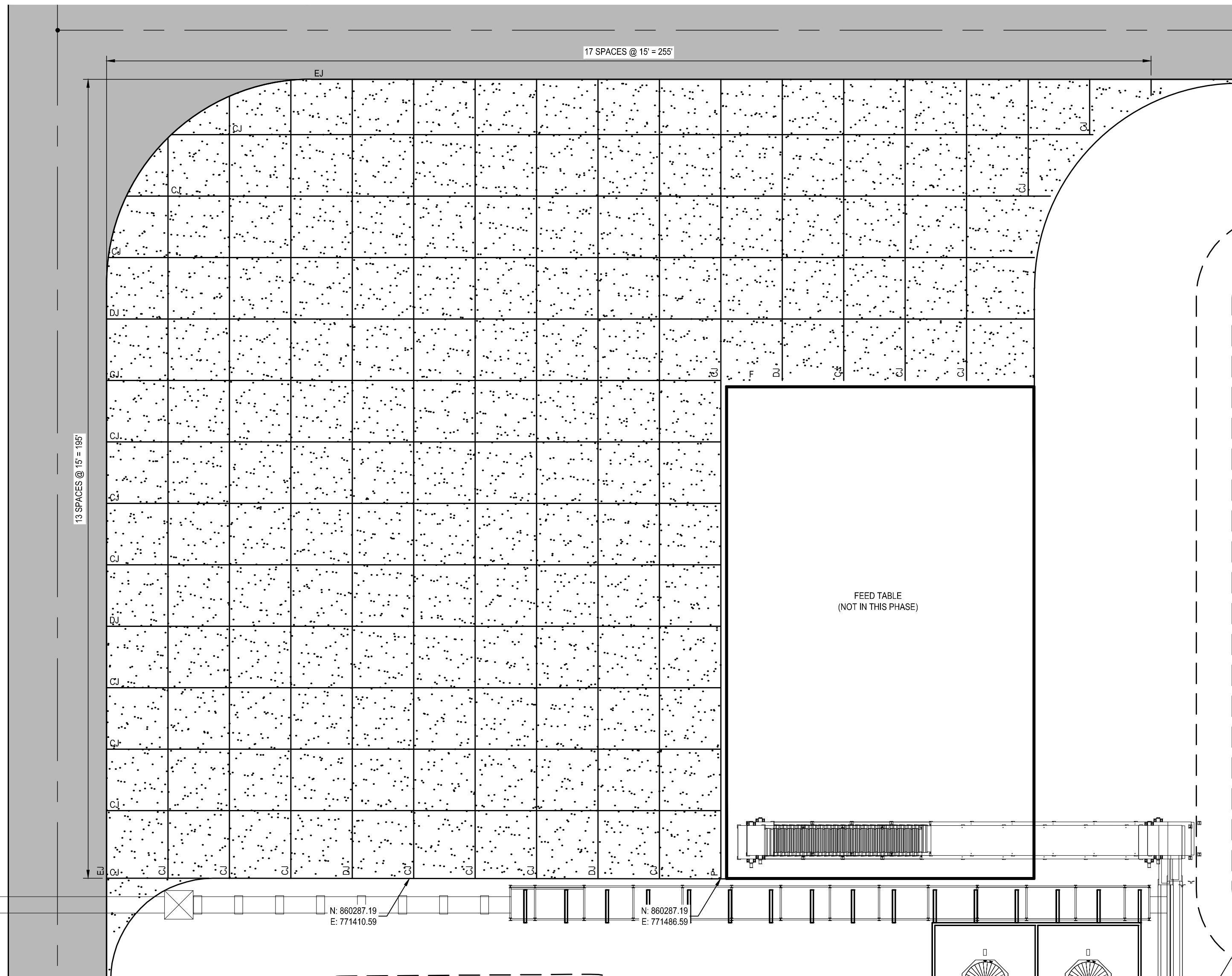
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A



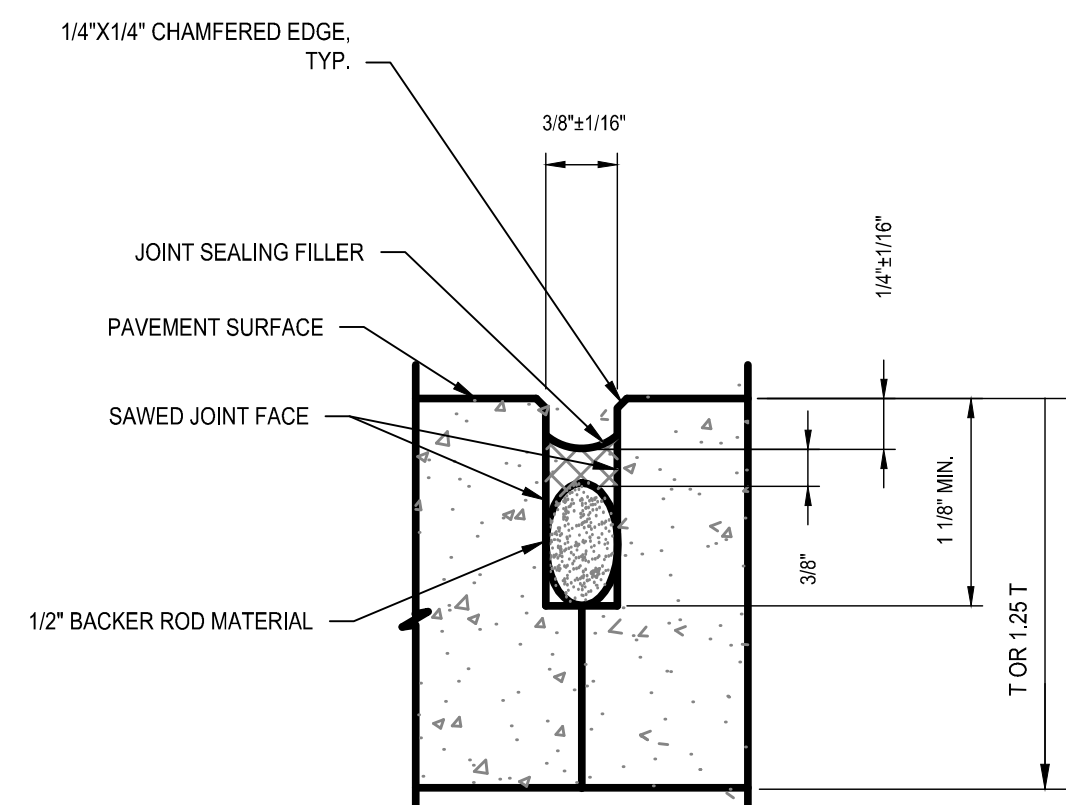
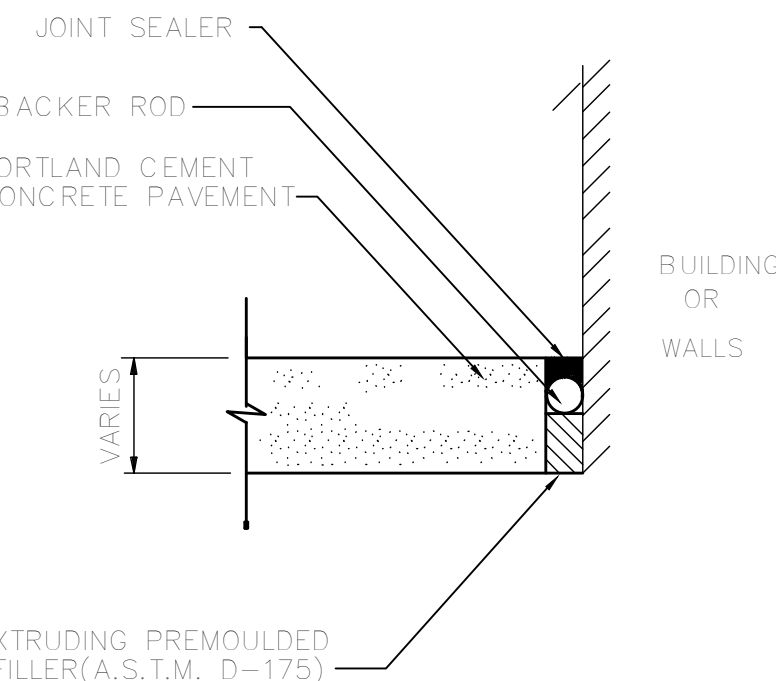
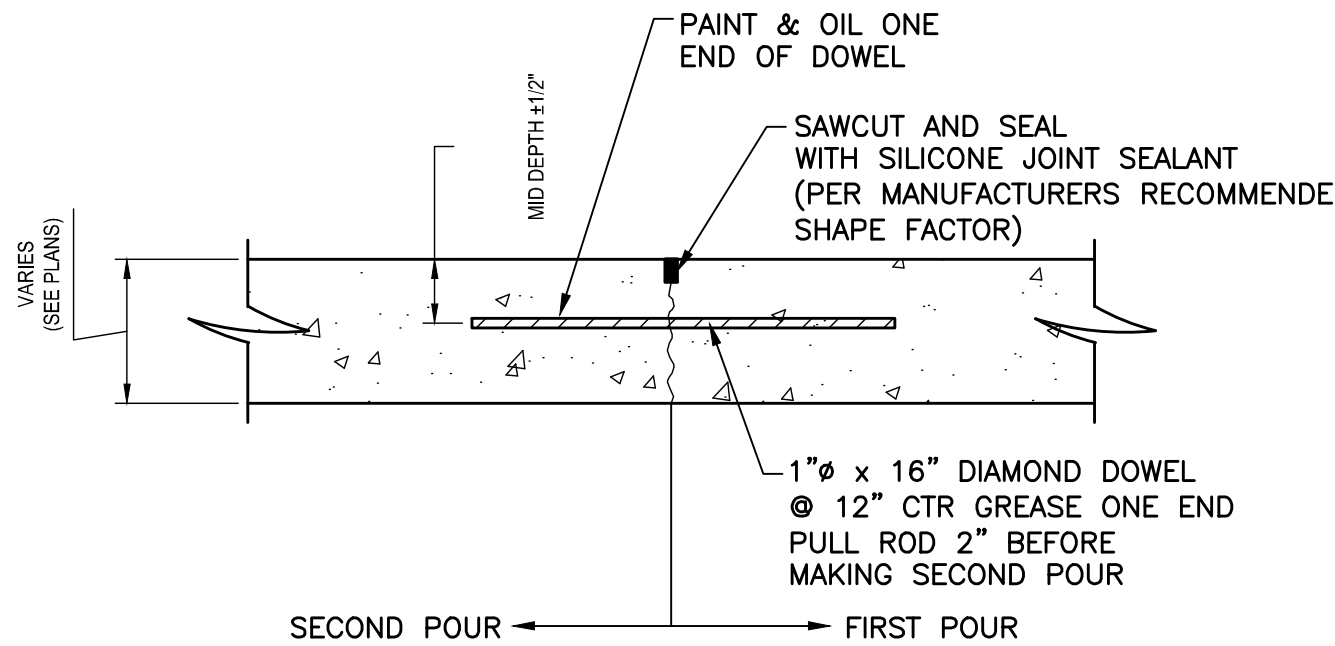
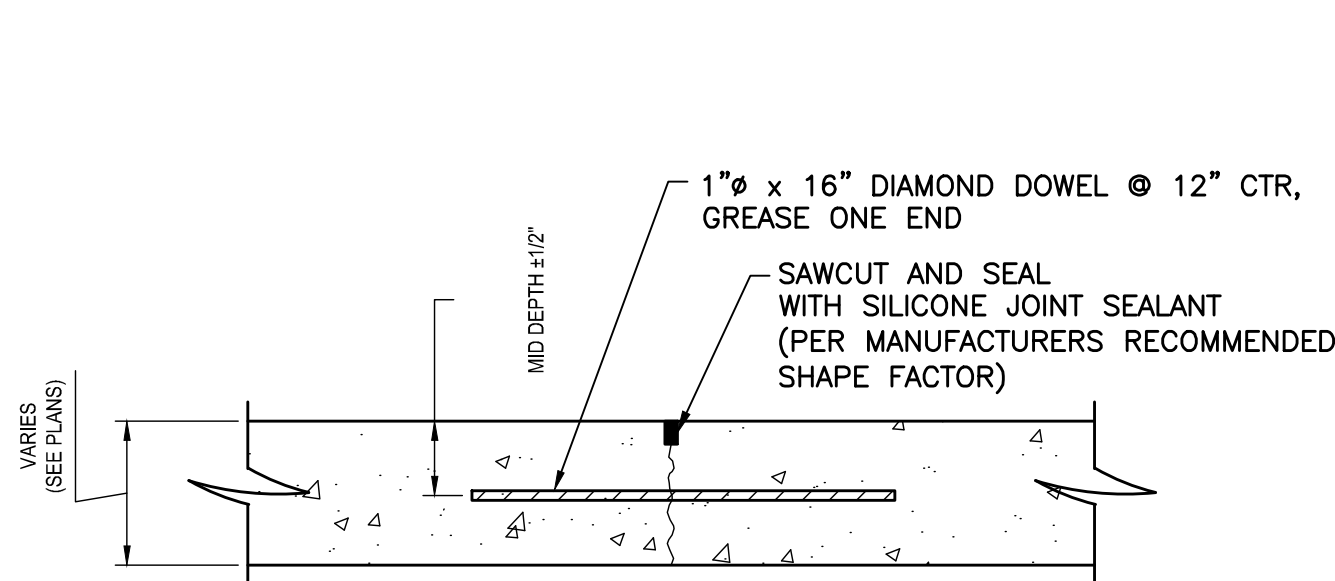
CONSTRUCTION JOINT PLAN

1"=30'



CONSTRUCTION JOINT PLAN

1"=30'

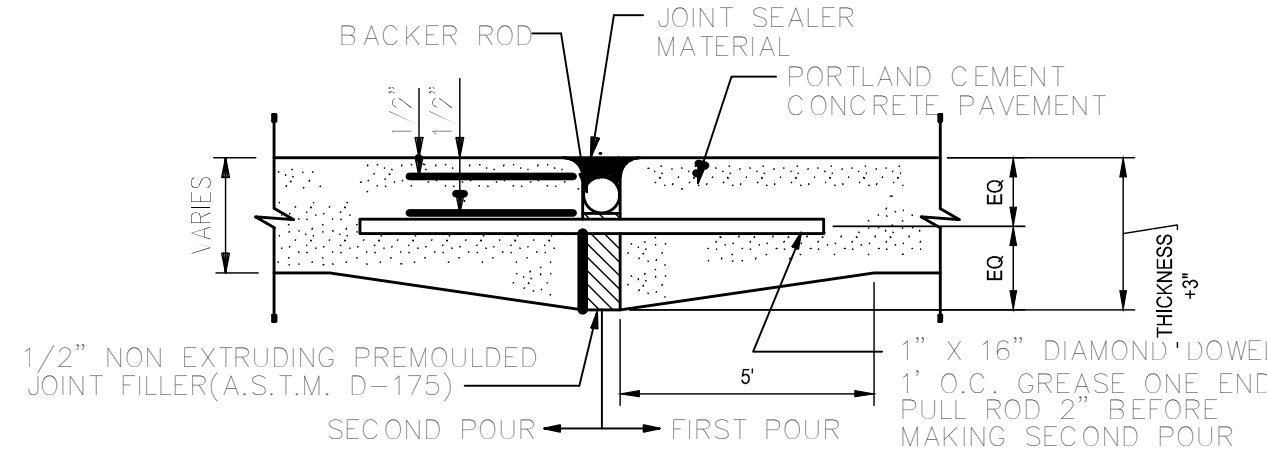


CONSTRUCTION JOINT

Scale: NTS

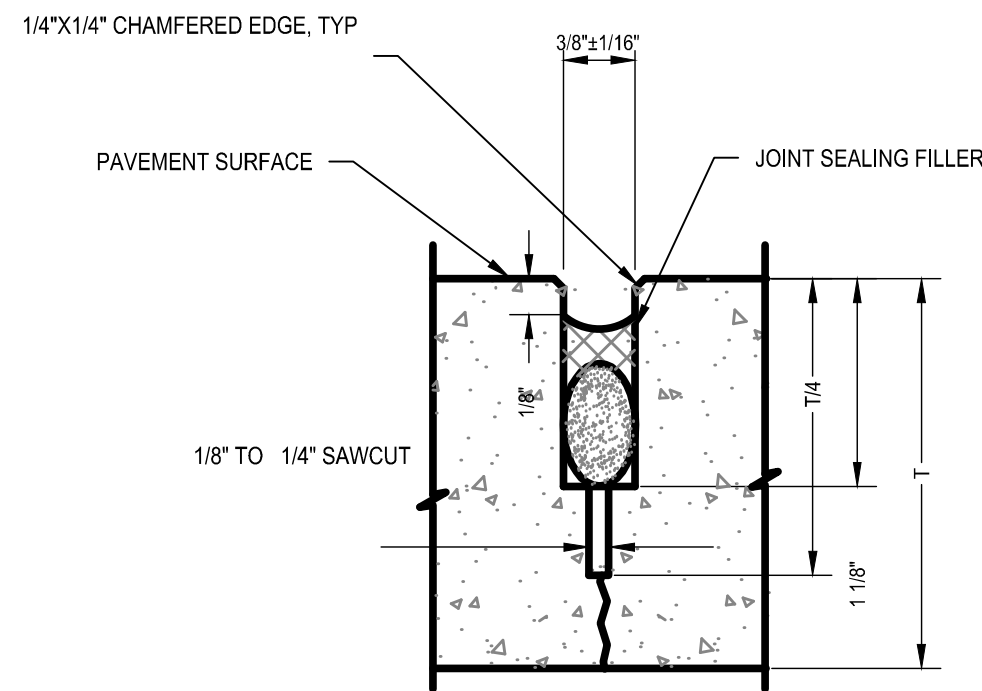
GENERAL NOTES:

1. CONCRETE SIDEWALK JOINTING TO BE CONTRACTION JOINT SAWCUT EVERY 5' ON CENTER, AND EXPANSION JOINT EVERY 50' ON CENTER.
2. PROVIDE EXPANSION JOINTS AROUND THE PERIMETER OF ALL EXISTING AND PROPOSED STRUCTURES.
3. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ANY JOINT LAYOUTS DIFFERENT THAN SHOWN ON DRAWINGS.



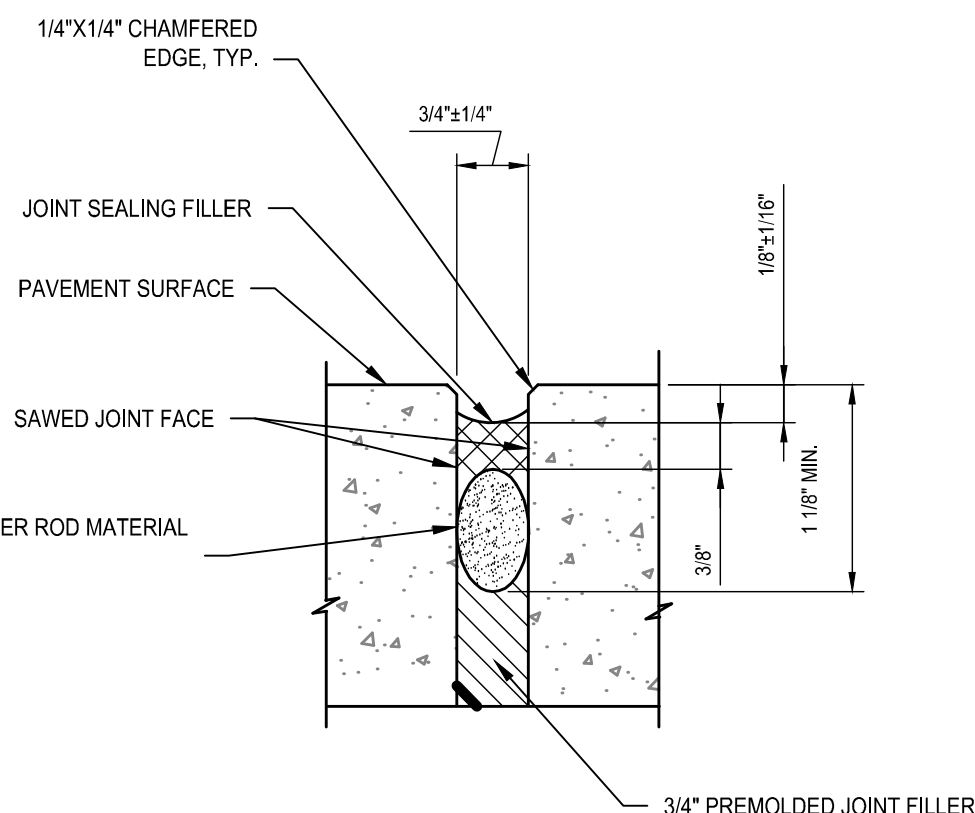
EXPANSION JOINT (DEJ) - DOWELED

Scale: NTS



CONTRACTION JOINT (CJ)

Scale: NTS



EXPANSION JOINT DETAIL (EJ)

Scale: NTS

