

7TH AND SHELTER BAY DRIVE DRAINAGE IMPROVEMENTS, PHASE 1 WET DETENTION SYSTEM FOUNTAINS

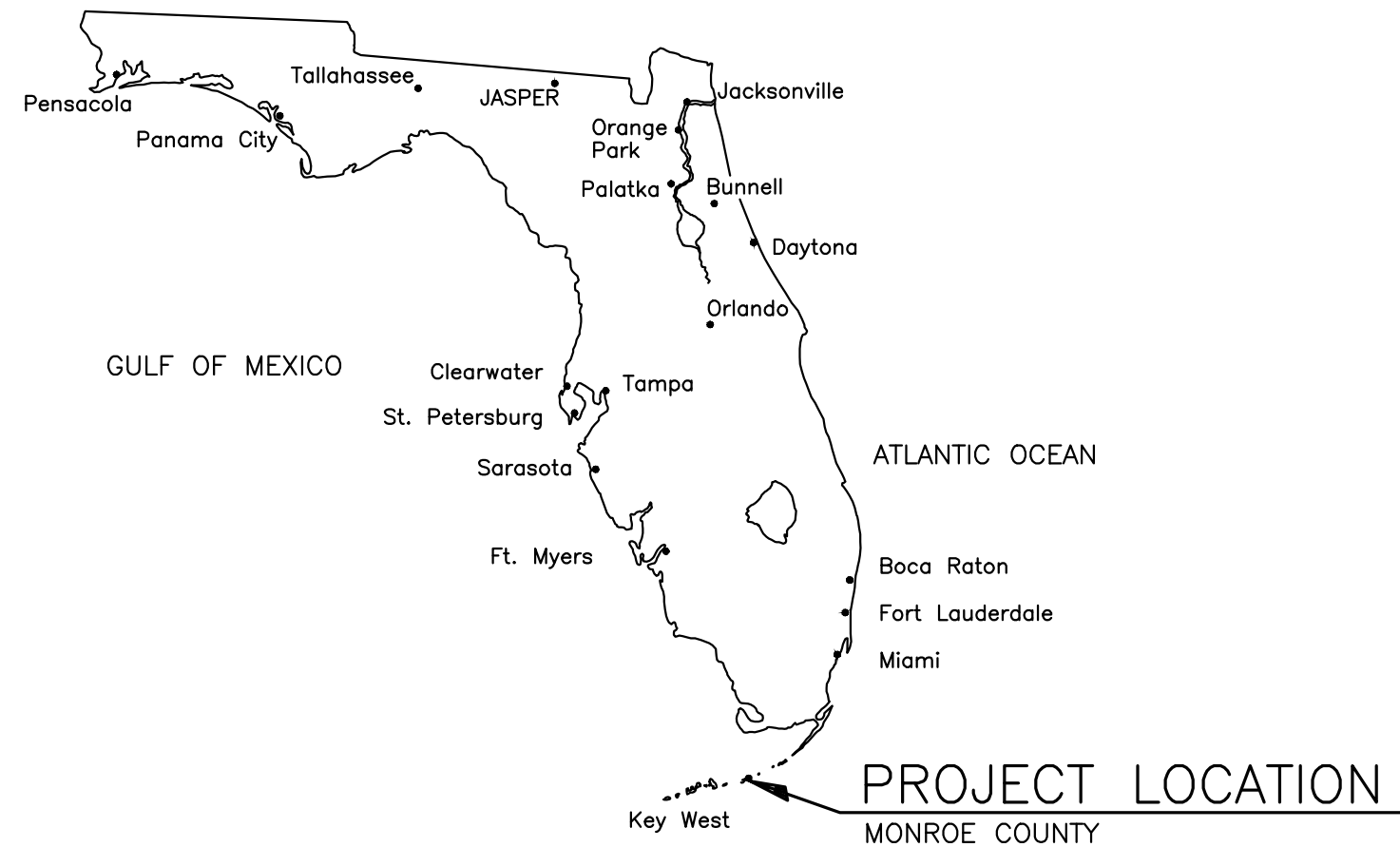
FOR CITY OF KEY COLONY BEACH, FLORIDA

Project No. M060420.000

Client No. 0604-20-1

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MAYOR

TOM DIFRANCICO
COMMISSIONER

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THOMAS HARDING
COMMISSIONER/SECRETARY/TREASURER

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CITY CLERK

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CITY ADMINISTRATOR



VICINITY MAP



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GENERAL NOTES

A. GENERAL CONSTRUCTION NOTES

1. Existing underground utilities have been shown from the best available information. The Contractor shall notify the proper Utility Representative prior to commencing excavation near the utility. The Contractor is responsible for locating all utilities in the path of construction. Contractor shall field determine the location, size, and depth of all existing piping. The Contractor shall call the Sunshine State One center (1-800-432-4770).
2. It shall be the sole responsibility of the Contractor to locate and avoid all utilities, structures, and obstructions both above and below the ground surface. All damages resulting from the Contractor's failure to comply with this requirement shall be repaired at the Contractor's expense.
3. Contractor is responsible for supporting/protecting & maintaining all existing improvements (i.e., utilities, utility poles, structures, pavement, sidewalks, monitoring wells, foundations, etc.) which may be damaged/undermined or interrupted as a result of his operations. The Contractor shall immediately notify the Engineer of any such occurrences. The Contractor may be required to shore, sheet, brace, or support work to protect existing improvements. The Contractor shall maintain a minimum of 5 feet of undisturbed soil around all power poles. Where edge of utility trench would be closer than 5 feet from poles, Contractor shall be required to sheet around pole to maintain 5 feet of undisturbed soil. Where 5 feet of undisturbed soil cannot be maintained, Contractor shall make arrangements with power company to have poles held/braced. All costs associated with supporting/protecting existing improvements shall be borne by the Contractor.
4. All existing facilities (e.g., pipes, roadways, sidewalks, landscaping, structure, etc.) not indicated to be disturbed/restored which are disturbed/damaged as a result of the Contractor's operations shall be restored to a condition equal to or better than that which existed prior to construction, at Contractor's expense.
5. Horizontal and vertical controls are subject to adjustments in the field if necessary to avoid utility conflicts upon approval of the Engineer or his representative. Contractor shall not adjust location of pipe or other facilities (either vertically or horizontally) without approval of the Engineer or his representative.
6. Contractor shall provide constant slope between indicated pipe invert elevations, unless otherwise directed by Engineer.
7. Contractor shall not remove any trees of 4-inch diameter or larger without Engineer's approval. Adjustment of pipe location to avoid trees shall be subject to approval of the Engineer. The Engineer makes no claim that any tree will survive construction of the proposed project.
8. The Contractor shall at all times conduct his operations so as to interfere as little as possible with the existing facilities. The Contractor shall develop a program in cooperation with the Owner's operating staff which shall provide for the construction of an putting into service the proposed work in the most orderly manner possible. All work of connection with, cutting into and reconstruction of existing facilities shall be planned so as not to interfere with the existing facility.
9. The Contractor shall provide all traffic control measures necessary to perform the work at his expense. Traffic control shall be in accordance with governing local, state, and federal agencies, including the MUTCD latest edition.
10. Contractor shall provide all fill required to achieve proposed grades at his expense.
11. All aboveground piping shall be properly supported and/or secured to tanks, buildings, or other structures using 316 SS straps and fasteners.
12. All pipe shall have the following minimum cover, unless otherwise directed by Engineer:
Water Service Pipe 30-inches cover at edge of curb
PVC (<3-inch) 30-inches
PVC (≥3-inch) 36-inches
DIP (all sizes) 36-inches
Steel (all sizes) 36-inches
RCP (all sizes) 12-inches
Corrugated Plastic 24-inches
13. Warning tape and tracer wire shall be installed along all water mains, laterals, and force mains, in accordance with the specifications.
14. Contractor shall apply for and obtain FDEP Generic Permit for Large and Small Construction Activities (CGP). The Contractor shall act as the Operator of all temporary construction phase pollution prevention improvements and be responsible for their design, selection, and implementation. Schematic erosion control measures are provided in these documents and shall be the basis of the Contractor's design.
15. During any construction activity, including stabilization and revegetation of disturbed surfaces, the Contractor is responsible for the design, selection, permitting, implementation, and operation of all temporary construction phase erosion and sediment control measures required to retain on-site sediment and prevent violations of the State of Florida water quality standards. The Contractor shall use appropriate best management practices described in the State of Florida Erosion and Sediment Control Designer and Reviewer Manual, July 2013, with revisions. All turbidity/silt barriers must be in place downgradient from the construction zone prior to the start of any construction activity in general accordance with the plans and details provided in these documents. The barriers shall remain in place until all the disturbed areas have been properly stabilized.
16. Maintenance and Operation of the Surface Water Management System: Upon completion of construction of the project, the Contractor shall remove accumulated sediment from the stormwater system including the bottom of the retention basin. The Owner shall mow the grass on the slopes and bottom of the retention basin on a biweekly basis as a minimum and remove thatch, leaves, trash and other debris on an as-needed basis.
17. Relocate existing garbage/trash pads & walls as required to construct project. The Contractor shall coordinate the new location with the City, Engineer and the Property Owner.
18. Improvements made within right-of-way by private citizens such as fence lines, landscaping, pavers, landscaping features, etc. that impede the proposed construction shall be removed to construct project and then restored as near as possible to its original location and shall be equal to or better than its original condition.
19. Remove & replace and/or relocate existing irrigation systems as required to facilitate construction and to continue to irrigate the existing irrigated areas.
20. All traffic signs within the proposed construction shall be removed and then restored to original location upon completion of the work. signs damaged during removal shall be replaced with new signs of the same size and function.
21. The Contractor shall employ the services of a Florida licensed surveyor who shall be responsible for laying out the work and for establishing the following: project temporary benchmarks; elevation lines and grades; and right-of-way and easement limits for construction. Contractor shall also employ the services of a Florida licensed surveyor to obtain the required record drawing information.
22. The Contractor shall employ a land surveyor, registered in the State of Florida, to reference property and restore property corners and land markers which may be disturbed as a result of Contractor's operations.
23. Horizontal control for features on the plans are relative to the NSRS 2011 Florida State Planes, East Zone, US Foot coordinate system.
24. Topographic information based on a survey by Reese & Associates, Inc., Project 24071807, dated 09/06/2024.
25. Contractor shall contact Florida Keys Electric Co-op, (423-693-4829) related to any overhead power and/or power pole hold requirements during construction.

B. GENERAL WATER SYSTEM NOTES

1. All water line work shall be in accordance with FAC 62-555, Permitting and Construction of Public Water Systems and the Florida Keys Aquaduct Authority (FKAA). All materials that come in contact with drinking water shall be in conformance with ANSI/NSF International Standard 61 and shall be installed in accordance with applicable AWWA Standards and/or the manufacturer's recommendations.
2. All water main work shall be performed by the Florida Keys Aquaduct Authority (FKAA).
3. Maintain minimum separation requirements between potable water mains and other utilities.
4. The location of water services, if shown on the plans, are approximate. Actual location of services shall be determined in the field by location of existing water lines, meters, valves and as directed by the Engineer, FKAA and the Owner.
5. All existing water meters, meter boxes, valve boxes, cleanouts, manhole lids, junction boxes or other utility access ports within the proposed construction shall be adjusted, as necessary, to match the new finish grade.

C. GENERAL SEWER SYSTEM NOTES

1. All sewer line work shall be in accordance with FAC 62-600, Domestic Wastewater Facilities and FAC 62-604, Collection Systems and Transmission Facilities.
2. All workmanship, material, testing and as-built drawings shall conform to the latest standards and specifications of the City of Key Colony Beach.
3. The location of sewer services, if shown, on the plans, are approximate. Actual location of services shall be determined in the field by test holing and as directed by the Engineer and the Owner.

D. PAVEMENT STRIPING AND SIGNAGE NOTES

1. Unless otherwise noted on the drawings, all existing signs removed by the construction activity, shall be restored to their original position prior to completion of the project. Any signs damaged during construction shall be replaced at the Contractors expense.
2. All signs and pavement markings shall conform to the Manual on Uniform Traffic Control Devices (MUTCD) and the Florida Department of Transportation Roadway and Traffic Design Standards, latest editions.
3. Sign assembly locations, shown on the plans, which are in conflict with lighting, utilities etc. may be adjusted slightly as directed by the Engineer.
4. Existing signs to be permanently removed shall become the property of the Contractor and disposed of at his expense unless claimed by Owner or governing authority.
5. All pavement striping within Right-of-Way or easements, as well as all stop bars, crosswalks, messages and directional arrows (regardless of location) shall be lead free, thermoplastic paint (FDOT spec. section 711). All other striping shall be reflective paint (FDOT spec. section 710) unless noted otherwise on the drawings.
6. The aluminum column (post) & connection design shall adhere to FDOT index 11860 and the following criteria:
a. mounting height = 14' maximum
b. sign(s) area = 25 sq. ft. maximum
c. sign(s) width: single = 36" maximum
dual = 48" maximum
d. driven post only
e. minimum post diameter = 3"
7. All posts shall be installed plumb.
8. All hardware shall be 316 stainless steel (ASTM F593, ASTM F594, Alloy Group 2, Condition A, CW2 or SH4).

E. ROADWAY NOTES

1. All work performed within the City Right-of-Way shall conform to the most current edition of the following publications:
•Standard Specifications for Road and Bridge Construction.
•FDOT Design Standards.
•FDOT Plans Prep Manual.
•FDOT Flexible Pavement Design Manual for new construction and pavement rehabilitation.
- Should a conflict arise between the details shown in the plans and the Department of Transportation Standards, the Contractor shall immediately confer with the Engineer in order to resolve the discrepancy.
2. Removal of existing striping shall be accomplished using the "hydro-blast" method. If this process damages or scars pavement, the pavement shall be milled and resurfaced per FDOT standards.
3. Burning of any material or debris is prohibited.
4. All lanes must be opened for traffic during an evacuation notice of a hurricane or other catastrophic event and shall remain open for the duration for the evacuation or event.

ABBREVIATIONS

ABBREVIATION	DESCRIPTION	MAINT	MAINTAIN OR MAINTENANCE
ABS	ACRYLONITRILE BUTADIENE STYRENE	MAN	MANUAL(LY)
ABV	ABOVE	MAX	MAXIMUM
ACP	ASBESTOS CEMENT PIPE	MCC	MOTOR CONTROL CENTER
AFT	ABOVE FINISH FLOOR (REF. ELEV.)	MES	MITERED END SECTION
AFG	ABOVE FINISH GRADE (REF. ELEV.)	MECH	MECHANICAL
ALUM	ALUMINUM	MFR	MANUFACTURE
ALT	ALTERED	MG	MILLION GALLON(S)
APRX	APPROXIMATE(LY)	MGD	MILLION GALLONS PER DAY
ARCH	ARCHITECT(URAL)	MHW	MEAN HIGH WATER
ARV	AIR RELEASE VALVE	MH	MANHOLE
ASPH	ASPHALT	MISC	MISCELLANEOUS
ASSY	ASSEMBLY	MJ	MECHANICAL JOINT
BE	BURIED ELECTRIC	MON	MONUMENT
BF	BOTTOM FACE	MPH	MILES PER HOUR
BFI	BURIED FIBER OPTIC	MPT	MALE PIPE THREAD
BFV	BUTTERFLY VALVE	MTD	MOUNTED
BITUM	BITUMINOUS OR BITUMASTIC	MW	MANWAY; MONITORING WELL
BLDG	BUILDING	N	NORTH
BLK	BLOCK	NE	NORTHEAST
BM	BENCH MARK	NIC	NOT IN CONTRACT; NOT INCLUDED
BOC	BACK OF CURB	NOM	NOMINAL
BOT	BOTTOM	No	NUMBER
BUR	BURIED TELEPHONE-CABLE	NPT	NATIONAL PIPE THREAD
BV	BALL VALVE	NPW	NON-POTABLE WATER
BN	BOTH WAYS	NTS	NOT TO SCALE
C, CND	CONDUIT	NW	NORTHWEST
CAP	CAPACITY	N/A	NOT APPLICABLE
CATV	CABLE TELEVISION	OA	OVERALL DIMENSION
CFM	CUBIC FEET PER MINUTE	OC	ON CENTER
CFS	CUBIC FEET PER SECOND	OD	OUTSIDE DIAMETER
CI	CAST IRON PIPE, CAST-IN-PLACE	OF	OUTSIDE FACE
CIP	CENTERLINE	OH	OVER HEAD
CLF	CHAIN LINK FENCE	OH/E, OHW	OVER HEAD ELECTRIC
CLR	CLEAR OR CLEARANCE	OPT	OPTIONAL
CON	CONCRETE MONUMENT	O&M	OPERATION AND MAINTENANCE
CMP	CORRUGATED METAL PIPE	PAVT, PVMT	PAVEMENT
CMU	CONCRETE MASONRY UNIT	PC	POINT OF CURVE
CNR	CORNER	PE	PLAIN END
CN	CLEAN OUT	PI	POINT OF INTERSECTION
CONC	CONCRETE	PL	PLATE
CONT	CONTINUOUS	PLF	POUNDS PER LINEAR FOOT
COV	COVERED	POB	POINT OF BEGINNING
CPGL	COUPLING	PP	POWER POLE
CR	CORRUGATED POLYETHYLENE PIPE	PPD	POUNDS PER DAY
CPVC	CHLORINATED POLYVINYL CHLORIDE	PPM	PARTS PER MILLION
CUL	CULVERT	PPRES	PRESSURE
CV	CHECK VALVE	PPRV	PRESSURE REDUCING VALVE
CY	CUBIC YARD	PS	PUMP STATION
C/C	CENTER TO CENTER	PSF	POUNDS PER SQUARE FOOT
DBL	DOUBLE	PSI	POUNDS PER SQUARE INCH
DEMO	DEMOLITION	PSIA	POUNDS PER SQUARE INCH ABSOLUTE
DUCT	DUCTILE IRON	PSIG	POUNDS PER SQUARE INCH GAUGE
DIA	DIAMETER	PT	POINT OF TANGENCY
DIM	DIMENSION	PV	PLUG VALVE
DI	DUCTILE IRON PIPE	PVC	POLYVINYL CHLORIDE
DOT	DEPARTMENT OF TRANSPORTATION	PW	POTABLE WATER/LVAV
DR	DRAIN	PWR	POWER
DW	DRIVEWAY	Q	QUANTITY
DWG	DRAWING	QTY	QUANTITY
E	EACH	R, RAD	RADIUS
ECC	ECCENTRIC	RC	REINFORCED CONCRETE PIPE
EACH	EACH FACE	RD	ROAD
EL, ELEV	ELEVATION	RED	REDUCER
ELEC	ELECTRIC(AL)	REBAR	REINFORCING STEEL BARS
EMERG	EMERGENCY	REF	REFERENCE
EP	EDGE OF PAVEMENT	REINFD	REINFORCED(D)(ING)(MENT)
EPDM	ETHYLENE PROPYLENE DIENE MONOMER	REQD	REQUIRED
EQIP	EQUIPMENT	REST	RESTRAINED
ESMT	EASEMENT	ROOM	ROOM
EST	ESTIMATE(D)	RPM	REVOLUTIONS PER MINUTE
EW	EACH WAY	RR	RAILROAD
EXP	EXPANSION	RT	RIGHT
EX, EXIST	EXISTING	RW	RAW WATER
EXT	EXTERIOR	RWM	RAW WATER MAIN
EXT BAR	EXT. BAR	R/W	RIGHT-OF-WAY
FD	FLOOR DRAIN	S	SEWER, SOUTH
FDN	FOUNDATION	SAN	SANITARY SEWER
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION	SCHED	SCHEDULE
FF	FINISH FLOOR	SE	SOUTHEAST
FI	FIRE HYDRANT	SECT	SECTION
FIG	FIGURE	SF	SQUARE FOOT OR FEET
FIN	FINISH(ED)	SHT	SHEET(ED)(ING)
FIN GR	FINISH GRADE	SI	SLIP JOINT
FJ	FLANGED JOINT	SLV	SLEEVE
FL	FLANGE(D)	SP	SERVICE POLE, DROP POLE
FLM	FORCE MAIN	SPEC	SPECIFICATION
FPM	FEET PER MINUTE	SQ	SQUARE
FPS	FEET PER SECOND	SR	STATE ROAD
FPT	FEMALE PIPE THREAD	SS	SANITARY SEWER, STAINLESS STEEL
FRP	FIBERGLASS REINFORCED PLASTIC	ST	STREET
FT	FOOT OR FEET	STA	STATION
FW	FINISHED WATER	STD	STANDARD
F/F	FACE TO FACE	STL	STEEL
G	GAS	STRUCT	STRUCTURAL
GAL	GALLON(S)	SW	SOUTHWEST
GALV	GALVANIZED	SWD	SEWER DEPTH
GIP	GALVANIZED IRON PIPE	SYN	SYMBOL
GND	GROUND	SYMM	SYMMETRICAL
GPD	GALLONS PER DAY	S/W	SIDEWALK
GPH	GALLONS PER HOUR	TAN	TANGENT
GPM	GALLONS PER MINUTE	TBN	TEMPORARY BENCH MARK
GPS	GALLONS PER SECOND	TC, TOC	TOP OF CONCRETE
GR	GRADE	TDH	TOTAL DYNAMIC HEAD
GS	GALVANIZED STEEL	TEL	TELEPHONE
GSP	GALVANIZED STEEL PIPE	TEMP	TEMPORARY
OY	GATE VALVE	TF	TOP FACE
HB	HOSE BIBB	THD	THREADED JOINT
HGT	HEIGHT	THK	THICK(NESS)
HQ	HIGH-DENSITY POLYETHYLENE	TOB	TOP OF BANK
HR	HAND RAIL	TOE	TOE OF SLOPE
HOA	HAND-OFF-AUTO SWITCH	TOS	TOE OF SLOPE; TOP OF STEEL
HORIZ	HORIZONTAL	TP	TELEPHONE POLE, TOP OF PAVEMENT
HP	HORSEPOWER	TV	TELEVISION
HOUR	HOUR	TYP	TYPICAL
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING	T&B	TOP AND BOTTOM
HWL	HIGH WATER LEVEL	UG	UNDERGROUND
HIGHWAY	HIGHWAY	UGE	UNDERGROUND ELECTRIC
ID	INSIDE DIAMETER	UN	UNION
IF	INSIDE FACE	UTIL	UTILITY
IN	INCHES	VAC	VACUUM
INF	INFILTRANT	VAR	VARIABLE
INT	INTERSECTION	VCP	VITRIFIED CLAY PIPE
INTR	INTERIOR	VEL	VELOCITY
INV	INVERT	VERT	VERTICAL
IP	IRON PIPE	VFD	VARIABLE FREQUENCY DRIVE
IPS	INTERNATIONAL PIPE STANDARD; IRON PIPE SIZE	VOL	VOLUME
JB	JUNCTION BOX	W	WATER, WEST
JOINT	JOINT	WL	WATER LINE
K	KIP(1,000 LB)	WM	WATER METER
KVA	KILOVOLT-AMPERE	WS	WATER SURFACE
KW	KILOWATT	WTP	WATER TREATMENT PLANT
L	LEFT	WT	WEIGHT
LAB	LABORATORY	WWF	WELDED WIRE FABRIC
LAV	LAVATORY	WWM	WELDED WIRE MESH
LB	POUND	WMTPT	WASTEWATER TREATMENT PLANT
LF	LINEAR FEET	W/	WITH
LP	LIGHT POLE	W/O	WITHOUT
LR	LONG RADIUS	XFER	TRANSFER
LUMP SUM	LUMP SUM	YFMR	TRANSFORMER
LS	LOW WATER LEVEL	YD	YARD(S)
LWL		YR	YEAR(S)

PROPOSED

PROPOSED	EXISTING	
---8"---	---8"---	SANITARY SEWER
---4"TM---	---4"TM---	SANITARY FORCE MAIN
===== (CPP)	===== (CPP)	SANITARY MANHOLE
===== (PERF PVC)	===== (PERF PVC)	STORM PIPE
○	○	STORM MANHOLE OR INLET BASIN
□	□	STORM INLET
---	---	STORM SWALE
□	□	DRAINAGE INLET OR MES WITH FIBER ROLL OR TURBIDITY BARRIER PROTECTION
○	○	STAKED TURBIDITY BARRIER
---	---	FIBER ROLL WITH SILT FENCE TURBIDITY BARRIER PROTECTION
▨	▨	TRENCH WIDTH PAVEMENT/PAVER DEMOLITION AND RESTORATION
▨	▨	DEMOLISH PAVEMENT
---	---	VALVE
---	---	WATER MAIN
WM	WM	WATER SERVICE (SIZE VARIES)
---	---	GRADE CONTOURS
PP	PP	SPOT ELEVATIONS
---	---	POWER POLE/ W/ANCHOR
---	---	BURIED TELEPHONE
---	---	FIBER CABLE
---	---	CABLE TELEVISION
---	---	OVER HEAD ELEC
---	---	SWALE
---	---	RIGHT-OF-WAY
---	---	FENCING
---	---	ROADWAY OR DRIVEWAY
---	---	LIMITS OF WOODS
---	---	TREE

(RELOCATED)	NUMBER OR LETTER DESIGNATION
SHEET NUMBER WHERE TAKEN	SHEET NUMBER WHERE SHOWN

DETAIL/SECTION KEY

PROJECT CONTACTS				
TYPE	COMPANY	ADDRESS	PHONE	CONTACT PERSON
ELECTRIC	FLORIDA KEYS ELECTRIC COOPERATIVE	P.O. BOX 377 TAVERNIER, FL 33070	(305) 852-2431 EXT. 125	BRYAN HESS
TELEPHONE	AT&T	1120 S. ROGERS CIR. BOCA RATON, FL 33487	(561) 997-0240	DINU FARRUGARDU
CABLE	COMCAST	2601 SW 145TH AVE MIRAMAR, FL 33027	(754) 221-1254	LEONARD MAXWELL-NEWBOLD
WATER	FLORIDA KEYS AQUADUCT AUTHORITY	1100 KENNEDY DRIVE KEY WEST, FL 33040	(305) 295-2154	MARNIE WALTERSON
SEWER	CITY OF KEY COLONY BEACH, FLORIDA	600 WEST OCEAN DR. KEY COLONY BEACH, FL 33051	(305) 289-1212	FREDDIE FOSTER MAYOR
OWNER	CITY OF KEY COLONY BEACH, FLORIDA	600 WEST OCEAN DR. KEY COLONY BEACH, FL 33051	(305) 289-1212	FREDDIE FOSTER MAYOR
DESIGN ENGINEER	MITTAUER & ASSOCIATES, INC.	580-1 WELLS ROAD ORANGE PARK, FL 32073	(904) 278-0030	MICHAEL P. TIBBLE, P.E.

DESG	MPT
DRWN	MAL
PROJ	JRS
MGR.	MS
DATE	05/09/25

Florida License
No. 3215

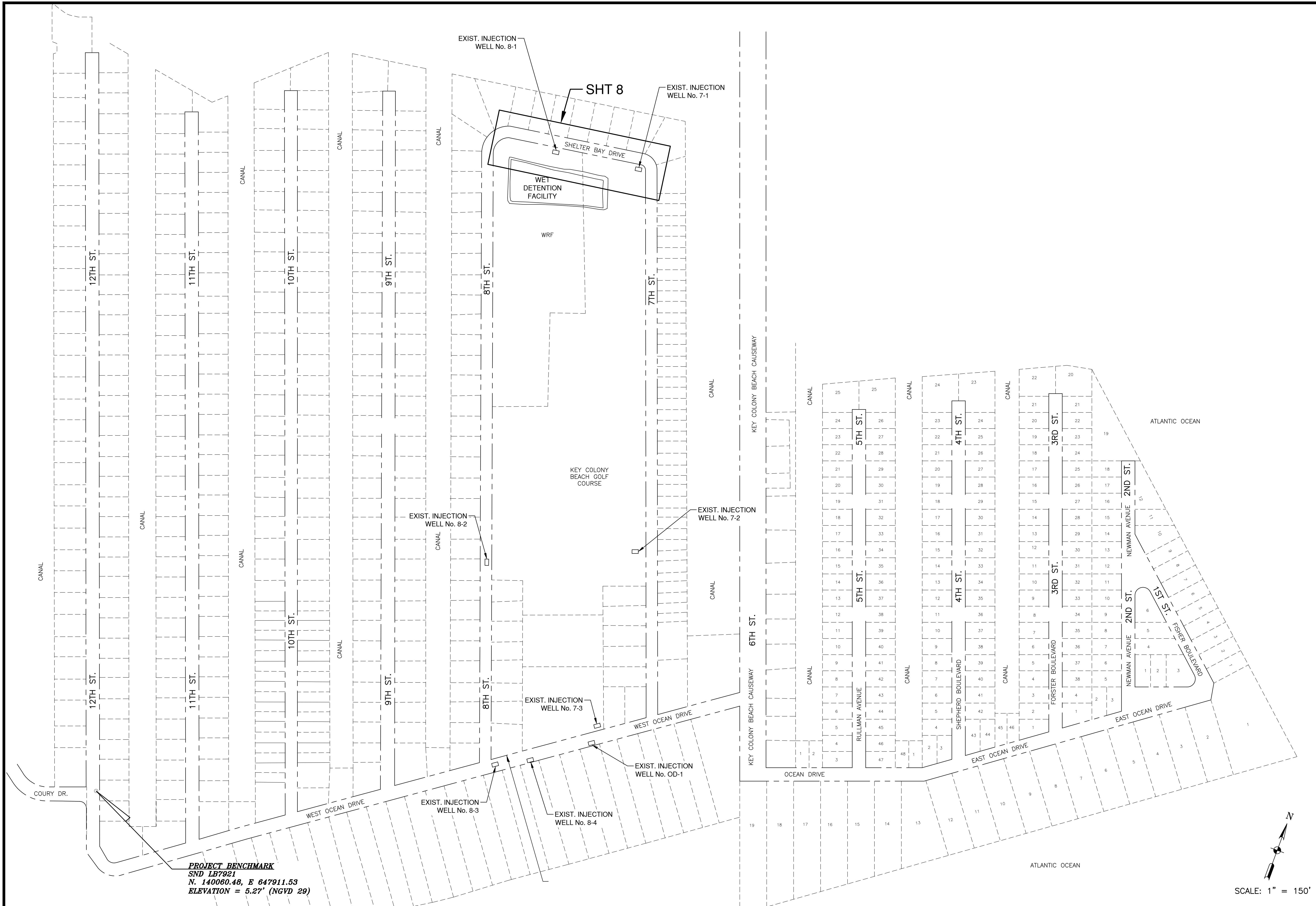
MITTAUER & ASSOCIATES, INC.
REGISTERED PROFESSIONAL ENGINEERS
PROJECT FUNDING SPECIALISTS

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THE SAME GREAT TEAM. NOW WITH EVEN MORE RESOURCES.

CITY OF KEY COLONY BEACH
7th and Shelter Bay Drive
General Notes, Abbreviations & Legend
Monroe County, Florida

JOB NO.
0604-20-1
SHEET NO.



PROJECT BENCHMARK
SND LB7921
N. 140060.48, E 647911.53
ELEVATION = 5.27' (NGVD 29)

SCALE: 1" = 150'

DESIGN: MPT, MAL, JRS
DRAWN: MPT, MAL, JRS
PROJ. NO.: 0604-20-1
DATE: 05/09/25

1 INCH

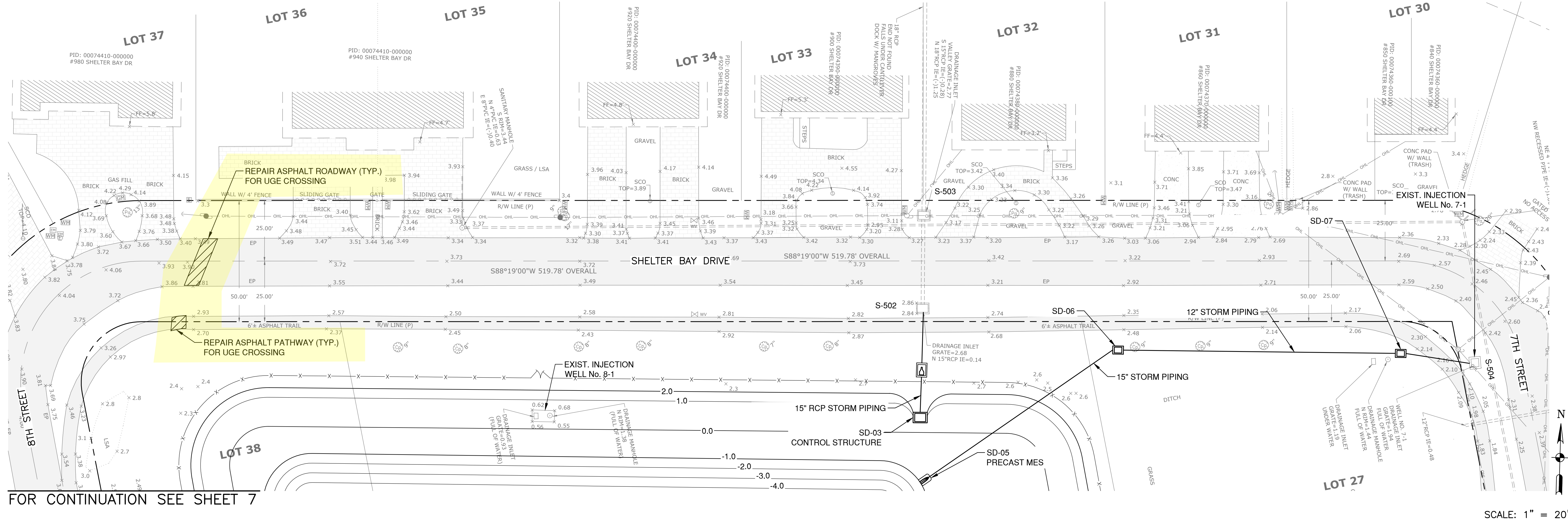
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PROJECT FUNDING SPECIALISTS
NOW A PART OF

Florida License No. 3215

CITY OF KEY COLONY BEACH
7th and Shelter Bay Drive Drainage Improvements, Phase 1
Key Map
Monroe County, Florida

JOB NO. 0604-20-1
SHEET NO. 3

NO.	DATE	BY	REVISION DESCRIPTION
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 Work Area

REVISION DESCRIPTION	
	BY
	DATE
	NO

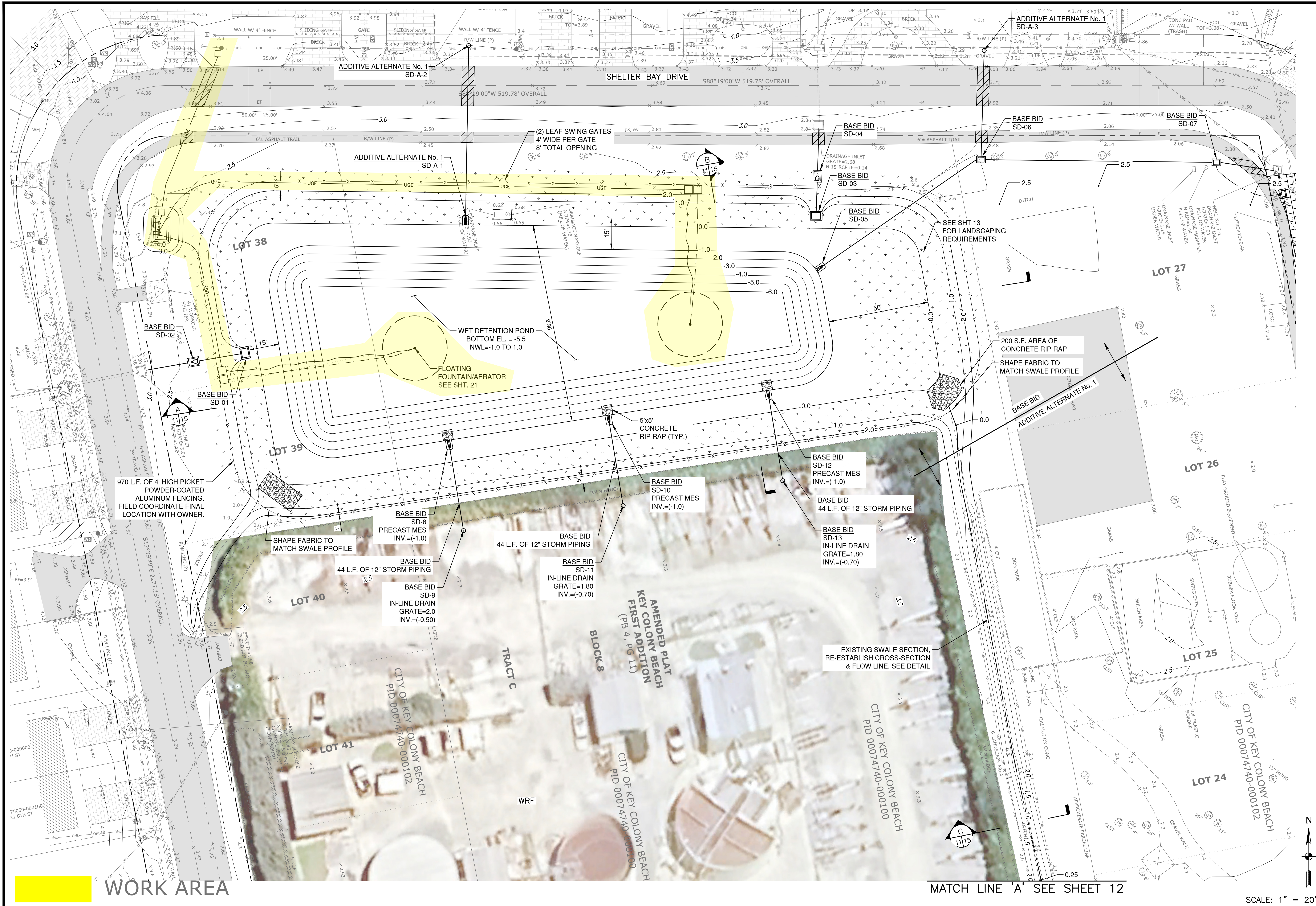
DESIGN	MPT	DATE	05/09/25
DRAWN	MAL	PROJ. MGR.	
	JRS		

LOGO CHOSEN-CAD LOGO-1.png

CITY OF KEY COLONY BEACH
7th and Shelter Bay Drive Drainage Improvements, Phase 1
Shelter Bay Drive & 7th Street Drainage Plan
Monroe County, Florida

JOB NO.
0604-20-1
SHEET NO.

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REVISION DESCRIPTION	
NO	DATE

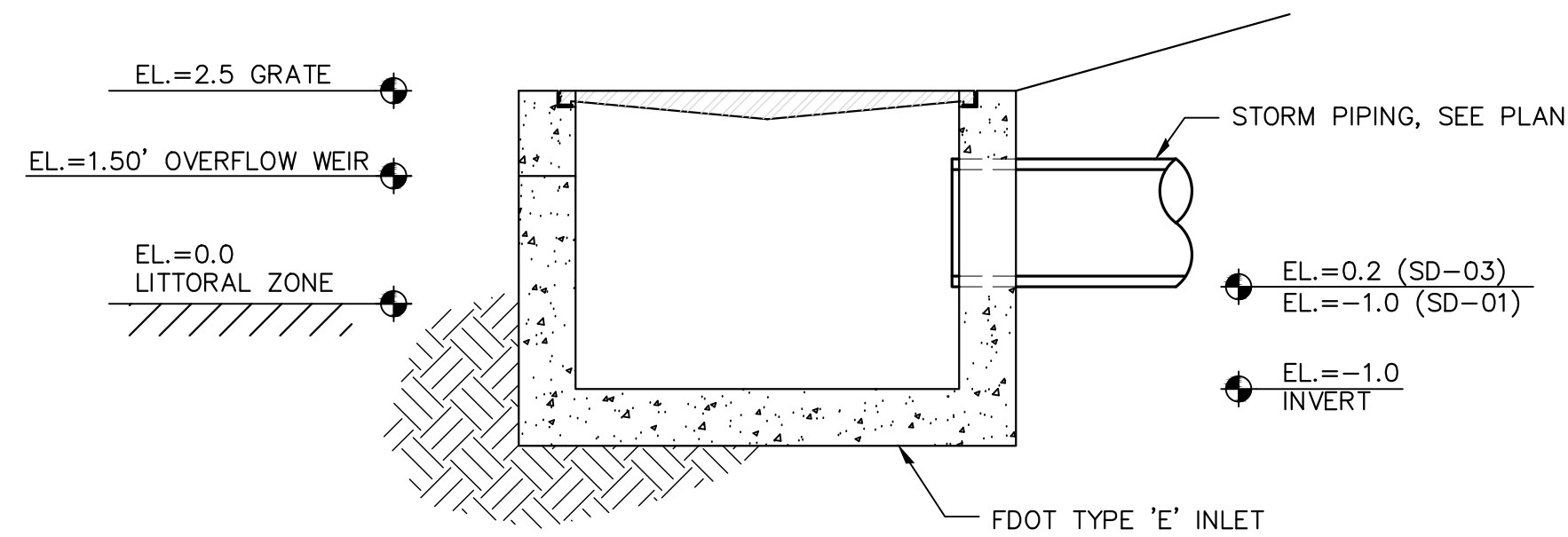
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MPT	02/13/25	
JRS		

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580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073
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FLORIDA RY. NO. 6569

CITY OF KEY COLONY BEACH
7th and Shelter Bay Drive Drainage Improvements
Wet Detention Pond – Grading Plan
Monroe County, Florida

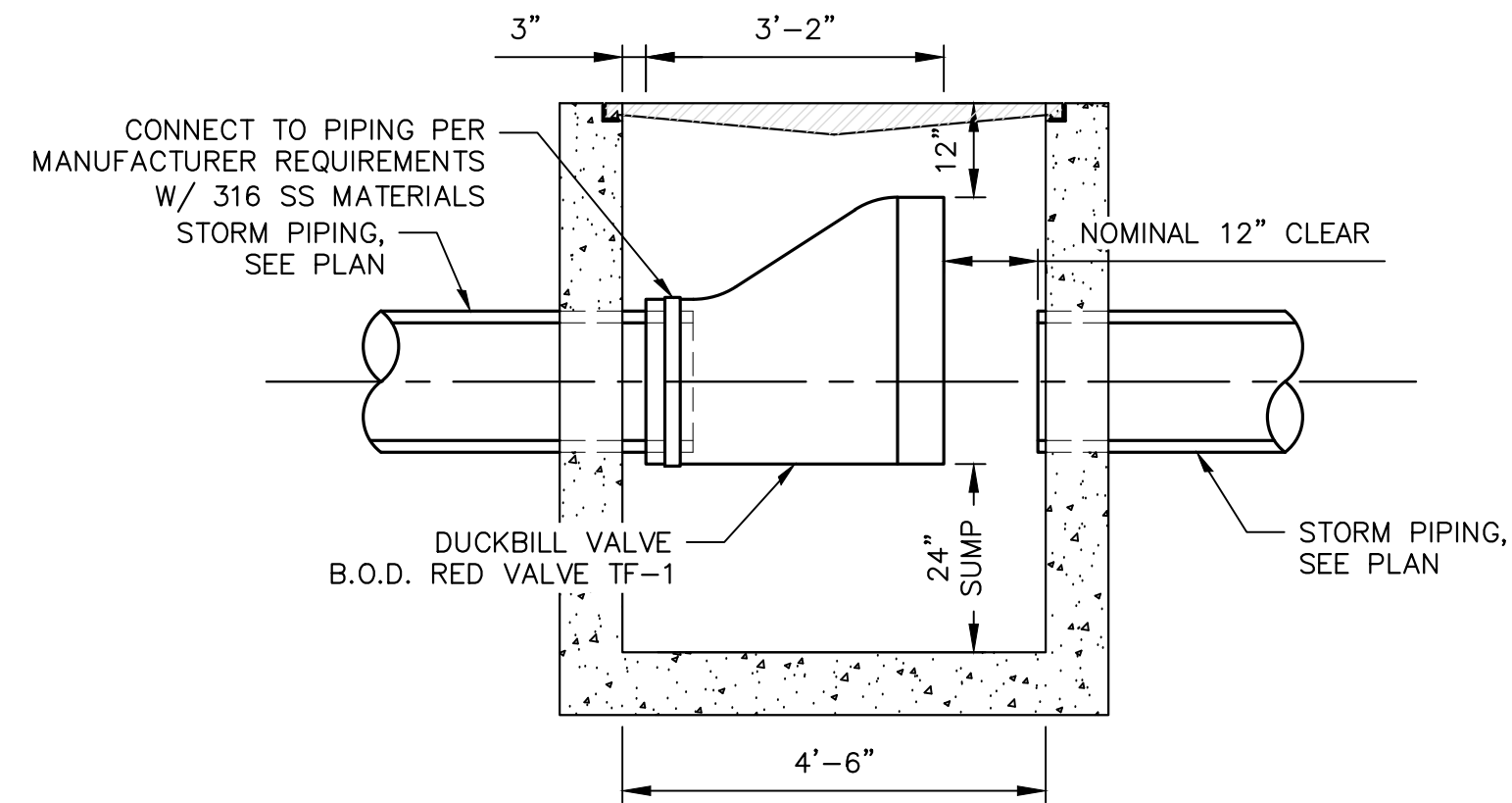
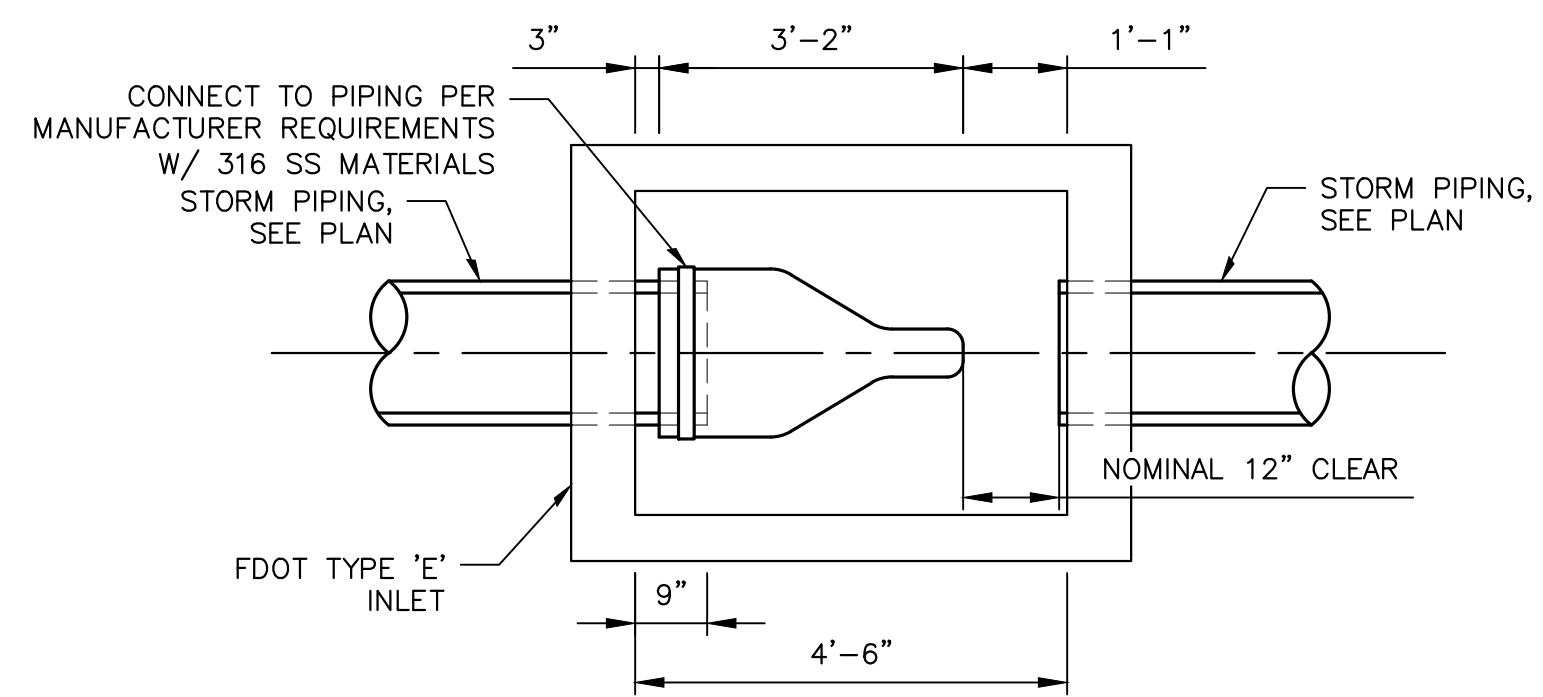
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SHEET NO.

11



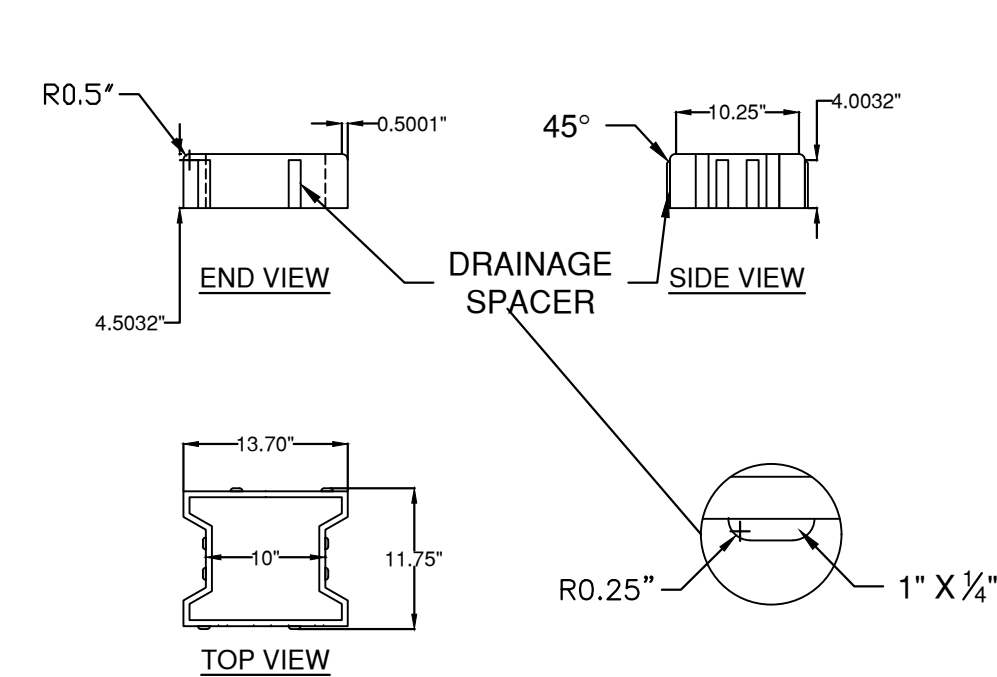
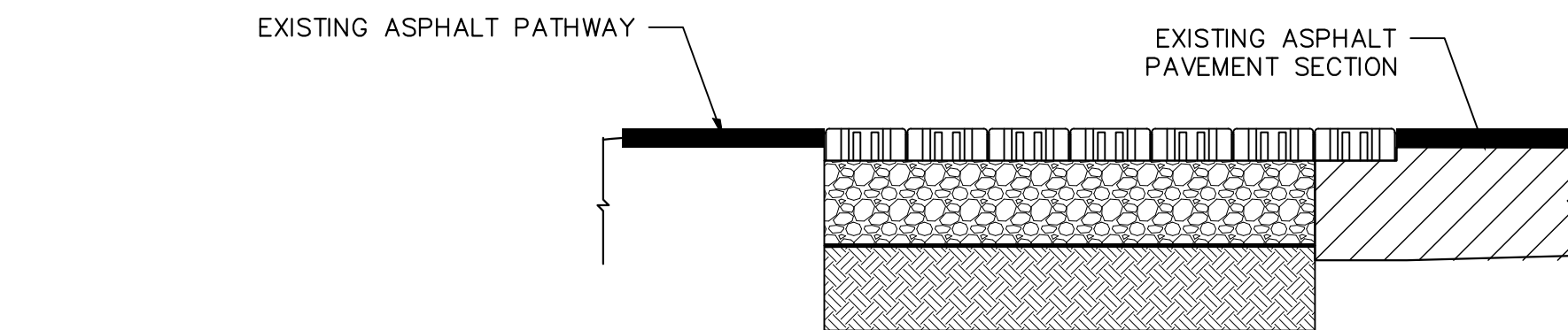
POND OVERFLOW STRUCTURE DETAIL

1/2" = 1'-0"

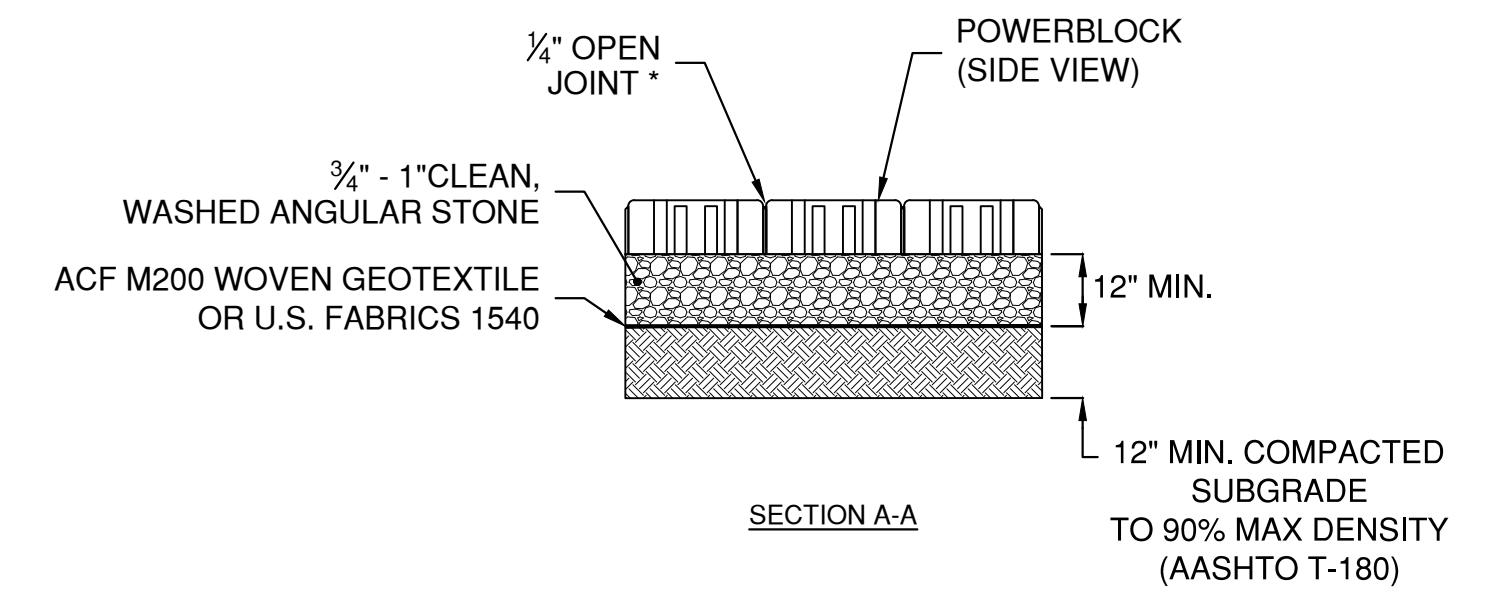
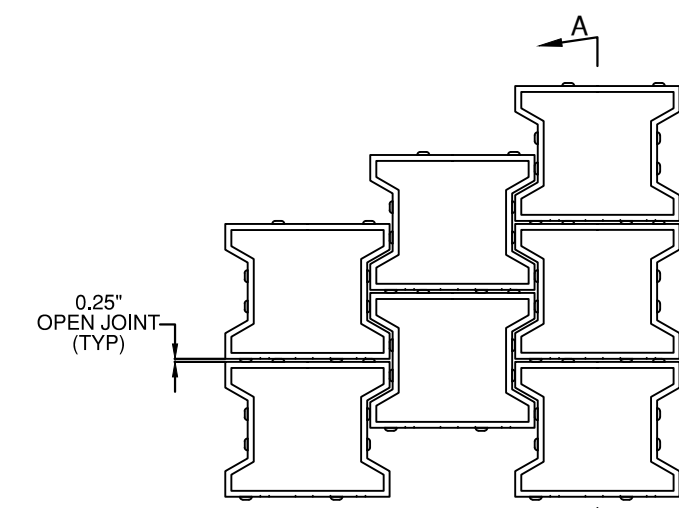


DUCK BILL VALVE BOX DETAIL

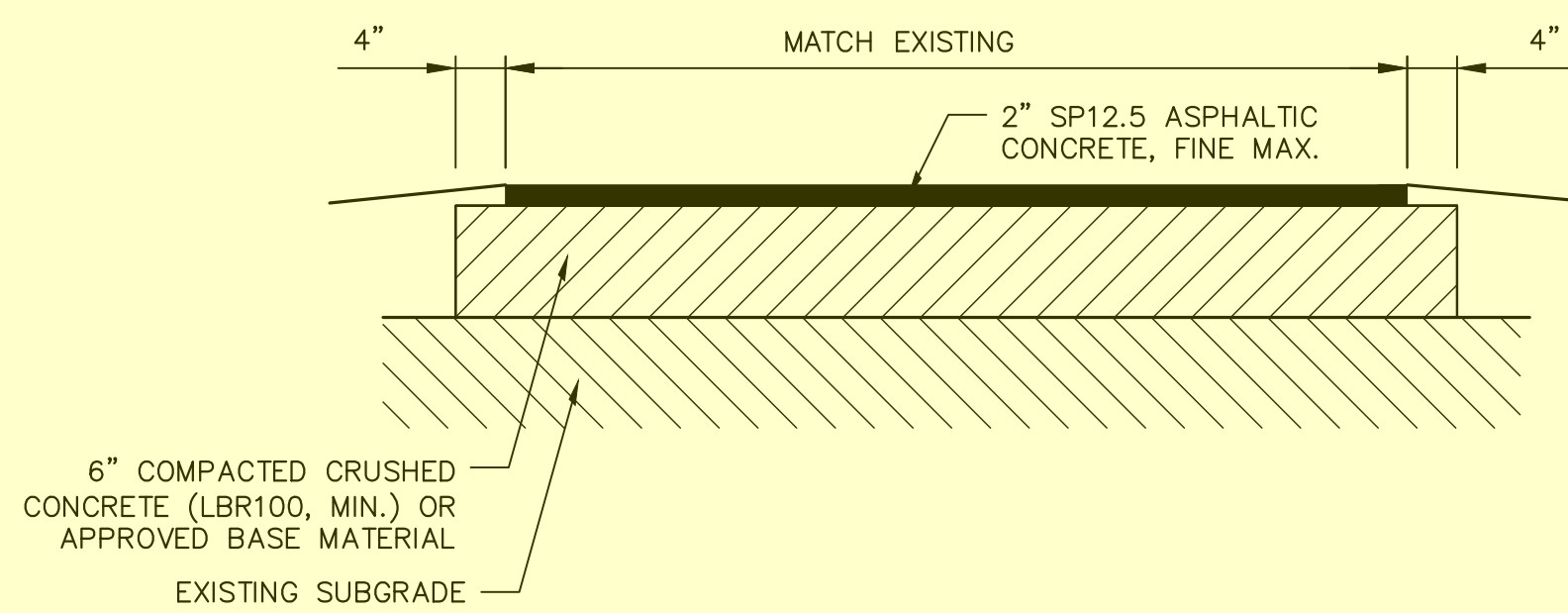
1/2" = 1'-0"



SPECIFICATIONS	
SURFACE INFILTRATION RATE	1,000 IN/HR AVG.
OPEN JOINT WIDTH	0.25 IN
JOINT FILLER BETWEEN BLOCKS *	NONE ALLOWED

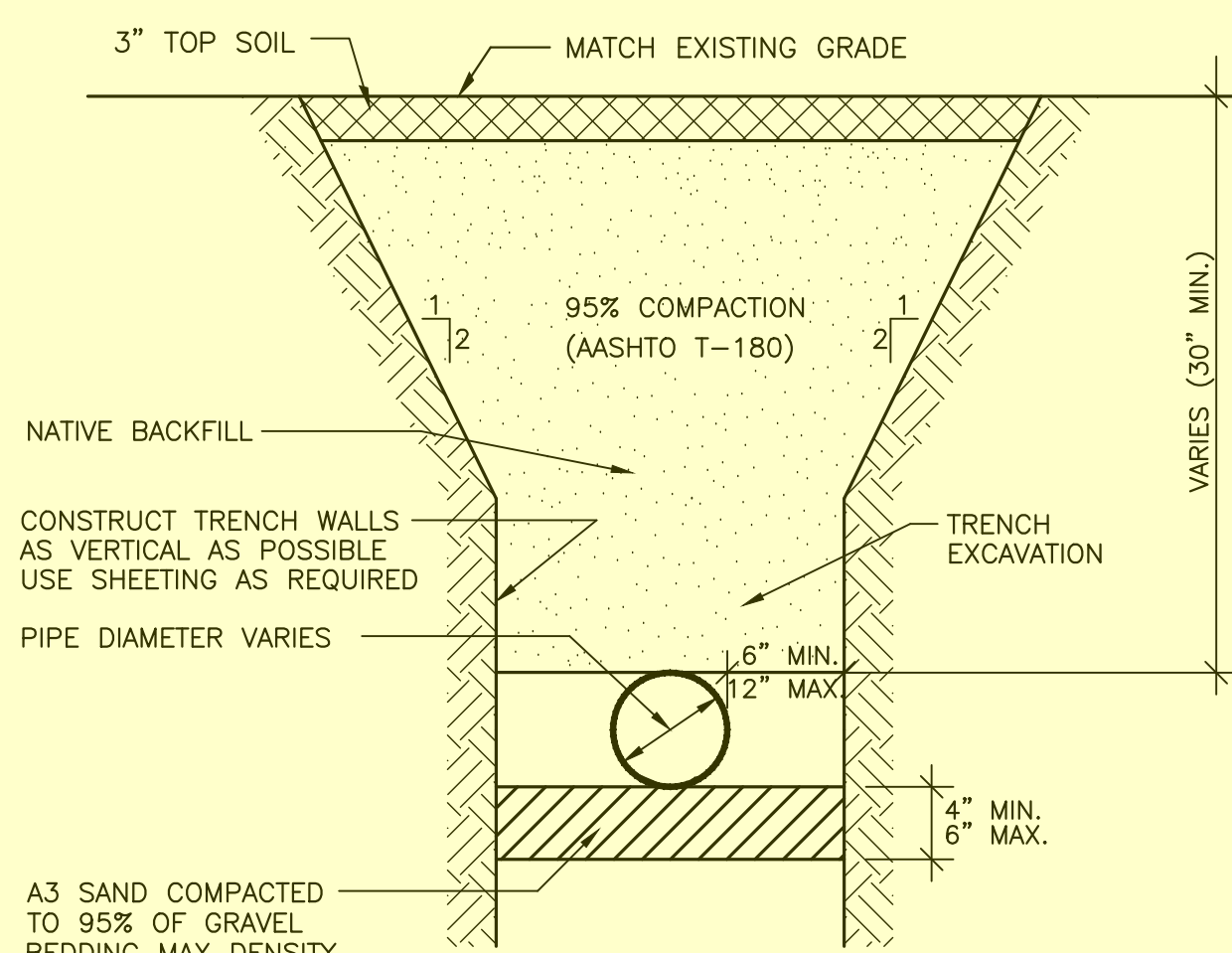


PERVIOUS PAVERS
ADDITIVE ALTERNATE No. 2



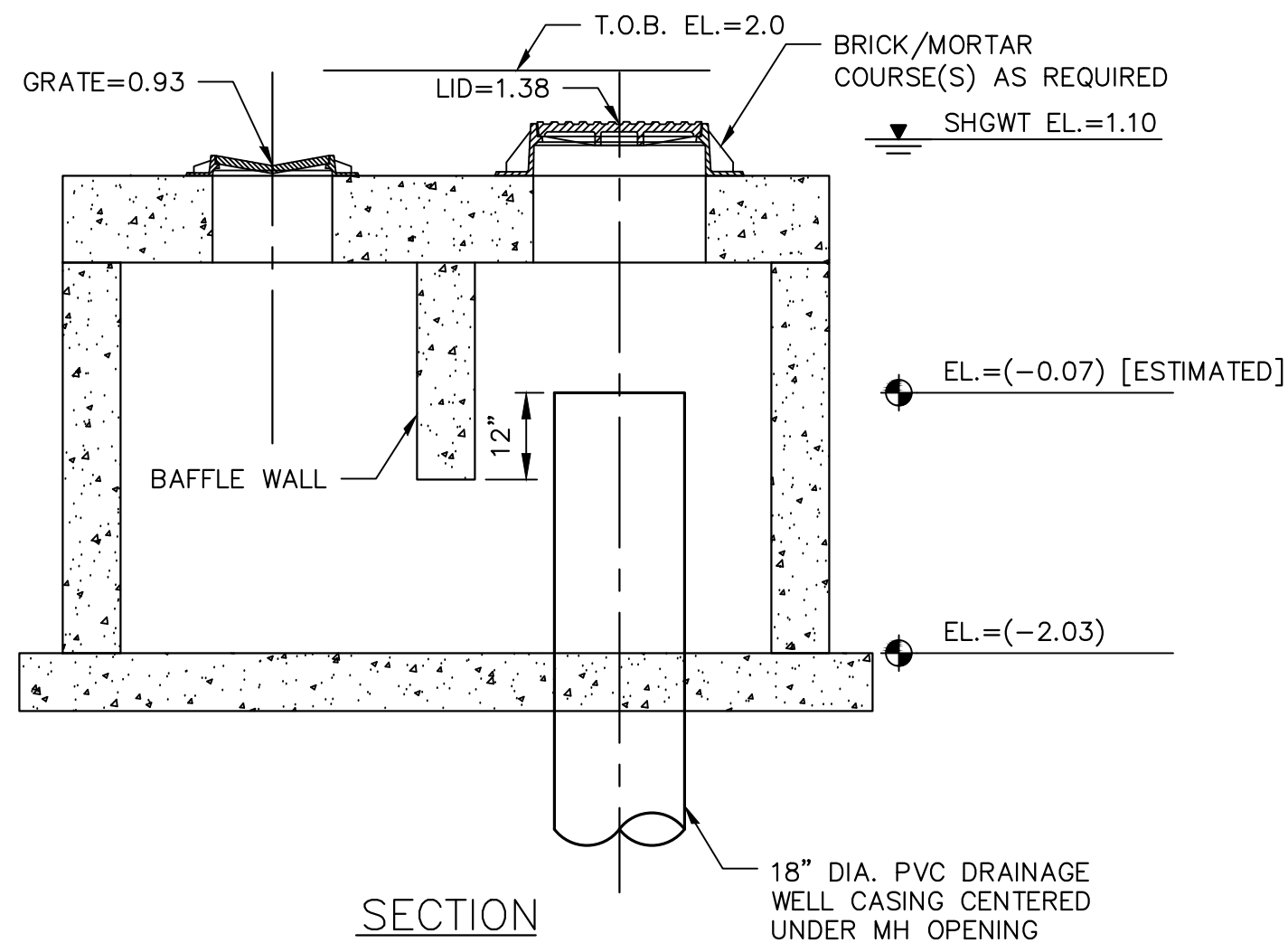
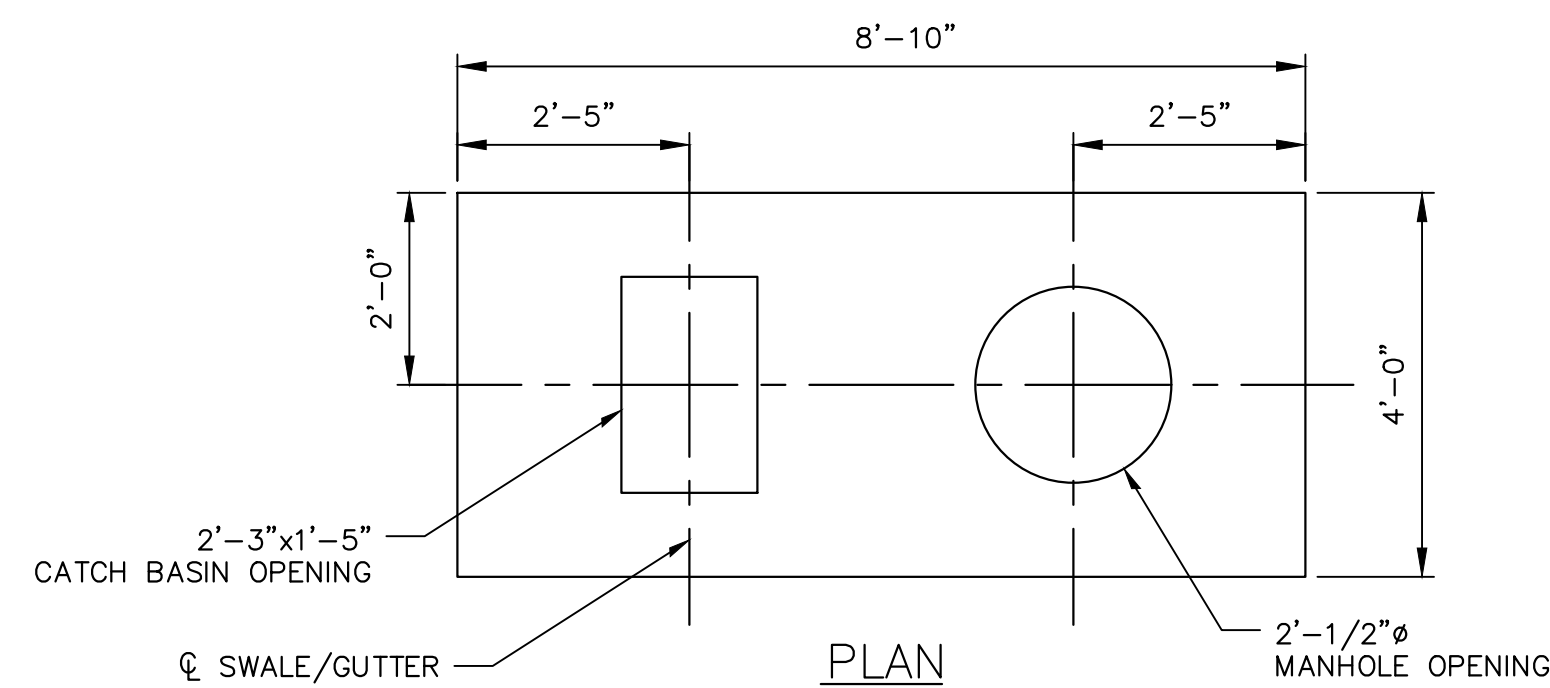
ASPHALT PATHWAY DETAIL

NTS



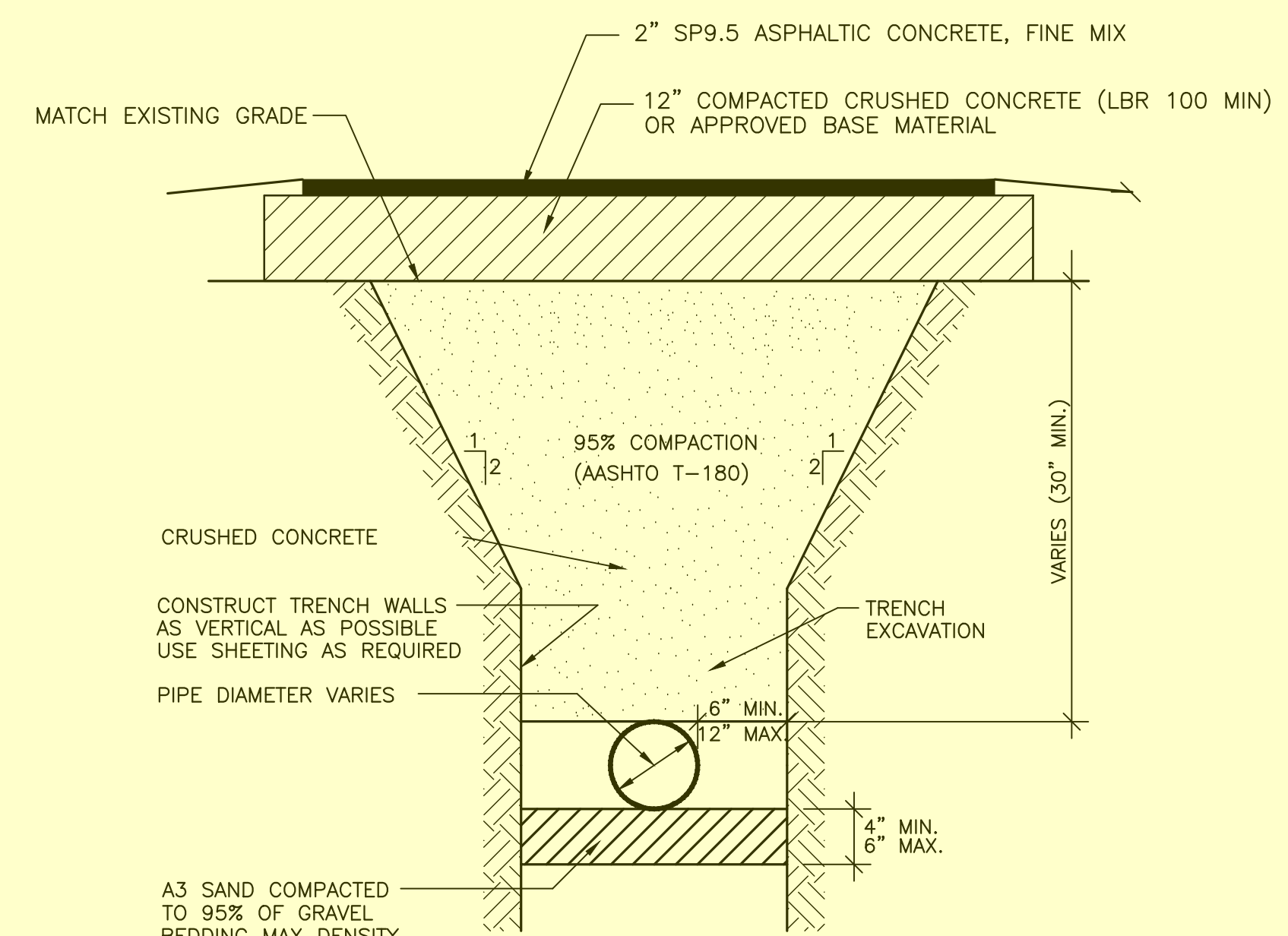
TRENCH DETAIL - UNIMPROVED AREA

NTS



EXISTING POND CONTROL STRUCTURE DETAIL

1/2" = 1'-0"



TYPICAL TRENCH & PAVEMENT REPLACEMENT DETAIL

NTS



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NOTE:
1. PROVIDE MANUFACTURER'S STANDARD UL1449 TYPE 2 5TH EDITION SURGE PROTECTION DEVICE. 100KA SURGE.

