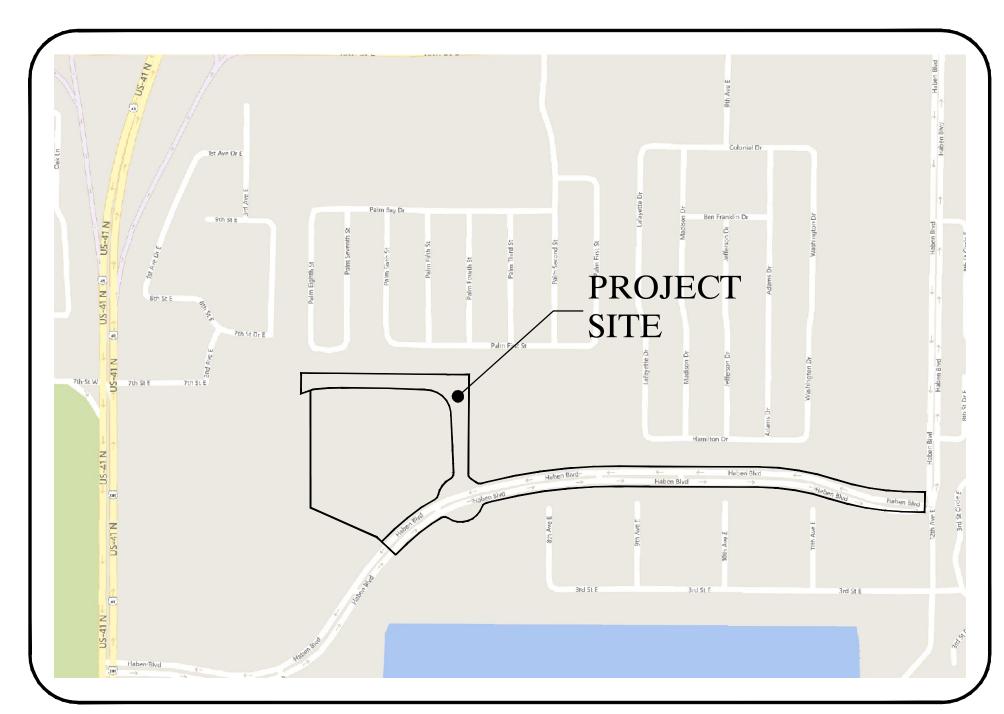
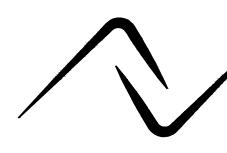
SECTION 13, TOWNSHIP 34 S, RANGE 17 E CITY OF PALMETTO, FLORIDA



650 CALIFORNIA ST. 7TH FLOOR SAN FRANCISCO, CA 94108



ARDURRA COLLABORATE. INNOVATE. CREATE.

# 7TH STREET EXPANSION & ROUNDABOUT FINAL SITE PLAN/CONSTRUCTION PLANS

# LOCATION MAP

FOR:

# **INDEVELOPMENT PARTNERS**

CITY OF PALMETTO SIGNATURE BLOCK			
SDR MEMBER	ок	SIGNATURE	DATE
DIRECTOR OF PUBLIC WORKS			
CITY PLANNER			
BUILDING OFFICIAL			
CITY ENGINEER			
FIRE MARSHALL			
WATER APPROVAL			
SEWER APPROVAL			
STORM WATER APPROVAL			
		YES	
STIPULATIONS		NO	
		•	

THE ISSUANCE OF THE DEVELOPMENT PERMIT BY THE CITY OF PALMETTO DOES NOT IN ANY WAY CREATE ANY RIGHT ON THE PART OF THE APPLICANT TO OBTAIN A PERMIT FROM A STATE OR FEDERAL AGENCY AND DOES NOT CREATE ANY LIABILITY ON THE PART OF THE CITY OF PALMETTO FOR ISSUANCE OF THE PERMIT IF THE APPLICANT FAILS TO OBTAIN REQUISITE APPROVALS OR FULFILL THE OBLIGATIONS IMPOSED BY A STATE OR FEDERAL AGENCY OR UNDERTAKES ACTIONS AS A RESULT IN A VIOLATION OF STATE OR FEDERAL LAW. SITE PLAN VALID ONE YEAR FROM THE SIGN OFF DATE.



2930 University Parkway Sarasota, Florida 34243 Phone: (941) 358-6500, Fax: (941) 358-6540 www.Ardurra.com License #2610

NO. DATE

REVISION

\* \*

#### PARCEL ID#'s 26045500109

	<b>∠TNU</b>	Sheet List Table SHEET NUMBER SHEET TITLE		
	<u></u>	SHEET NUMBER	SHEET TITLE	
		C1.00	COVER	
<b>r</b>	*	C1.01	GENERAL NOTES	
5	*	C1.02	NOTES AND LEGENDS	
•	*	C1.51	CONSTRUCTION POLLUTION PREVENTION PLAN	
•	*	C2.00	OVERALL SITE PLAN	
k '	*	C2.51	DEMOLITION AND SITE PREPARATION PLAN	
	*	C3.01	SIGNING, PAVEMENT MARKINGS AND DIMENSIONING PLAN	
	*	C3.02	SIGNING, PAVEMENT MARKINGS AND DIMENSIONING PLAN	
	*	C3.03	SIGNING, PAVEMENT MARKINGS AND DIMENSIONING PLAN	
	*	C3.04	SIGNING, PAVEMENT MARKINGS AND DIMENSIONING PLAN	
	*	C3.05	SIGNING, PAVEMENT MARKINGS AND DIMENSIONING PLAN	
	*	C3.06	SIGNING, PAVEMENT MARKINGS AND DIMENSIONING PLAN	
5	*	C4.00A	DRAINAGE BASIN MAP - EXISTING CONDITION	
5	*	C4.00B	DRAINAGE BASIN MAP - PROPOSED CONDITION	
5	*	C4.01	PAVING, GRADING AND DRAINAGE PLAN	
<b>F</b>	*	C6.01	PLAN & PROFILE	
<b>-</b>	*	C6.02	PLAN & PROFILE	
•	*	C6.03	PLAN & PROFILE	
•	*	C6.04	PLAN & PROFILE	
•	*	C7.01	TYPICAL SECTIONS	
•	*	C8.01	EROSION CONTROL DETAILS	
•	*	C9.01	GRADING DETAILS	
•	*	C9.02	GRADING DETAILS	
5	*	C10.01	STORM SEWER DETAILS	
•	*	C10.02	STORM SEWER DETAILS	
	*	LS-1	FINAL LANDSCAPE PLAN	
	*	IR-1	FINAL IRRIGATION PLAN	

Permit Type	Permit No.	Status	
CITY OF PALMETTO		APPROVED AUGUST 6,2020	
S.W.F.W.M.D.	APP# 805004	APPROVED ON SEP 17, 2020	
N.P.D.E.S. NOI			
			Know what's below.
			Call before you dig.
			JOB NO:         00071-2019-5180           DATE:         12/20/2019
			C1.00

BY

BID SET SEPTEMBER 1, 20	02
SLI ILMDLII I, ZU	"

1 2 3	4 5 6
EROSION AND SEDIMENTATION CONTROL NOTES: 1. THE INSTALLATION OF TEMPORARY EROSION CONTROL BARRIERS SHALL BE COORDINATED WITH THE CONSTRUCTION OF THE PERMANENT EROSION CONTROL FEATURES TO THE EXTENT NECESSARY TO ASSURE ECONOMICAL EFFECTIVE AND CONTINUOUS CONTROL FEATURES TO THE EXTENT NECESSARY TO ASSURE	SANITARY SEWER, WATER & RECLAIMED WATER DISTRIBUTION NOTES:
A OF THE CONSTRUCTION PHASE.	<ol> <li>THE LOCATION OF EXISTING UTILITIES ARE APPROXIMATE AS SHOWN AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION PRIOR TO CONSTRUCTION THEIR VICINITY.</li> </ol>
2. THE TYPE OF EROSION CONTROL BARRIERS USED SHALL BE GOVERNED BY THE NATURE OF THE CONSTRUCTION OPERATION AND SOIL TYPE THAT WILL BE EXPOSED. SILTY AND CLAYEY MATERIAL USUALLY REQUIRE SOLID SEDIMENT BARRIERS TO PREVENT TURBID WATER DISCHARGE, WHILE SANDY MATERIAL MAY NEED ONLY SILT SCREENS OR SYNTHETIC BALES TO PREVENT EROSION. FLOATING TURBIDITY CURTAINS SHOULD BE USED IN OPEN WATER SITUATIONS. DIVERSION DITCHES OR SWALES MAY BE REQUIRED TO PREVENT TURBID STORMWATER RUNOFF FROM BEING DISCHARGED TO WETLANDS OR OTHER WATER BODIES. IT MAY BE NECESSARY TO EMPLOY A COMBINATION OF BARRIERS, DITCHES, AND OTHER EROSION/TURBIDITY CONTROL MEASURES IF CONDITIONS WARRANT.	<ol> <li>CONTRACTOR TO NOTIFY ONE CALL OF FLORIDA, WREC, AND ANY OTHER UTILITY COMPANIES NOT REPRESENTED BY ONE CALL OF FLORIDA 48 HOURS PRIOR TO CONSTRUCTION FOR LOCATION FOR LOCATION OF EXISTING UTILITIES. CALL ONE CALL OF FLORIDA 1-800-432-4770.</li> <li>ALL UNDERGROUND UTILITIES MUST BE INSTALLED BEFORE SUB-BASE, BASE AND SURFACE ARE CONSTRUCTED.</li> </ol>
<ol> <li>WHERE PUMPS ARE TO BE USED TO REMOVE TURBID WATERS FROM THE CONSTRUCTION AREA, THE WATER SHALL BE TREATED TO REDUCE TURBIDITY TO STATE WATER QUALITY STANDARDS PRIOR TO DISCHARGE TO THE WETLANDS. TREATMENT METHODS INCLUDE, FOR EXAMPLE, TURBID WATER BEING PUMPED INTO GRASSED SWALES OR APPROPRIATE VEGETATED AREAS (OTHER THAN UPLAND PRESERVATION AREAS AND WETLAND BUFFERS), SEDIMENT BASINS, OR CONFINED BY AN APPROPRIATE ENCLOSURE SUCH AS TURBIDITY BARRIERS, AND WETLANDADD</li> </ol>	<ol> <li>ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH MANATEE COUNTY STANDARDS AND/OR FDOT STANDARDS AS REQUIRED.</li> <li>STORM SEWER PIPE LINES WILL NOT BE INSTALLED PRIOR TO REPLACEMENT AND ALIGNMENT OF INLET STRUCTURES.</li> </ol>
<ul> <li>4. THE CONTRACTOR SHALL PROVIDE ROUTINE MAINTENANCE OF PERMANENT AND TEMPORARY EROSION CONTROL FEATURES UNTIL THE PROJECT IS COMPLETE AND ALL BARED SOIL STABILIZED. SILTATION ACCUMULATIONS</li> <li>B. GREATER THAN THE LESSER OF 12 INCHES OR ONE-HALF THE DEPTH OF THE SILTATION CONTROL BARRIER SHALL</li> </ul>	<ol> <li>6. PIPE MEASUREMENTS ARE TO CENTER OF STRUCTURES FOR INLETS AND STORM MANHOLES. MITERED END SECTIONS AND FLARED END SECTIONS ARE INCLUDED IN THE PIPE LENGTHS. CURB INLET STATIONS AND OFFSETS ARE CALCULATED TO CENTER OF BOX. ALL PIPE LENGTHS ARE PLUS OR MINUS.</li> <li>7. MAINTAIN A MINIMUM OF 0.3% SLOPE IN ALL GUTTERS (INCOMING GUTTERS IN "WARPED" ROAD</li> </ol>
<ul> <li>BE IMMEDIATELY REMOVED AND PLACED IN UPLAND AREAS.</li> <li>5. WATER REMAINING IN THE EXCAVATIONS AFTER CONSTRUCTION MUST BE KEPT CONFINED WITHIN THE EXCAVATIONS PRIOR TO DISCHARGE (IF APPLICABLE), UNTIL THE TURBIDITY LEVEL OF THE POND WATER MEETS STATE WATER QUALITY STANDARDS.</li> </ul>	<ol> <li>MAINTAIN A MINIMUM OF 0.3% SLOPE IN ALL GUTTERS (INCOMING GUTTERS IN WARPED ROAD SECTIONS).</li> <li>BRAINAGE RUNOFF (POST DEVELOPMENT) WILL BE COLLECTED AND DIRECTED TO STORM WATER FACILITIES VIA PIPES AND SWALES AS INDICATED ON THE DRAINAGE PLAN.</li> </ol>
<ol> <li>NO CLAY MATERIAL SHALL BE LEFT EXPOSED IN THE EXCAVATIONS. IF CLAY OR SANDY CLAYS ARE LEFT EXPOSED AT THE PERMITTED DEPTH, THE CONTRACTOR SHALL OVER EXCAVATE THE POND'S BOTTOM AND SIDE SLOPES BY A MINIMUM OF 12 INCHES AND BACKFILL WITH CLEAN SANDS.</li> </ol>	9. ALL ROADWAY CONSTRUCTION IS TO COMPLY WITH THE CURRENT VERSION OF THE "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS", STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION.
7. PROVIDE ALL DISTURBED AREAS WITHIN THE LIMITS OF THE WORK WITH TEMPORARY SOIL EROSION CONTROL AND SEDIMENT CONTROL, UTILIZING EARTH DAMS & PONDS, GRADE TO DRAIN SWALES, SETTLING BASINS, SILT FENCES, STONE FILTERS, SYNTHETIC BALE FILTERS, ETC., TREATING ALL SOIL SURFACES WITH SEEDED TOPSOIL AND / OR MULCH AFTER GRADING.	10. SILT BARRIER FENCING WILL BE INSTALLED AT LOCATIONS SHOWN PRIOR TO CONSTRUCTION ACTIVITIES IN THE VICINITY OF ADJACENT WETLAND AREAS AND IS TO BE MAINTAINED THROUGHOUT THE PROJECT COMPLETION.
<ol> <li>AND / OK MOLEH AFTER GRADING.</li> <li>ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.</li> </ol>	<ol> <li>SIDEWALKS ARE TO BE INSTALLED BY THE CONTRACTOR AS PART OF CONSTRUCTION ACTIVITIES IN AREAS WHERE LOTS DO NOT ABUT ROADWAY. PERMANENT CURB RAMPS SHALL BE PROVIDED A ALL SIDEWALK CROSSINGS BY SITE WORK CONTRACTOR WITH CURB RADII CONSTRUCTION.</li> <li>IMPROVEMENTS ARE UNDER MANATEE COUNTY JURISDICTION</li> </ol>
C 9. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND AIR AND WATER POLLUTION WILL BE MINIMIZED. STATE AND LOCAL LAWS SHALL BE COMPLIED WITH AT ALL TIMES.	<ol> <li>12. IMPROVEMENTS ARE UNDER MANATEE COUNTY JURISDICTION</li> <li>13. CONTRACTOR TO PROVIDE DEWATERING PLAN PRIOR TO CONSTRUCTION. DEWATERING PLAN TO INCLUDE DISCHARGE RATES AND SUMP LOCATION.</li> </ol>
10. TO MINIMIZE SOIL EROSION, PROPOSED LAND ALTERATION ACTIVITIES SHALL NOT UNNECESSARILY REMOVE EXISTING VEGETATION AND ALTER EXISTING TOPOGRAPHY. ADEQUATE PROTECTION MEASURES (I.E. SYNTHETIC BALES, BAFFLES, SODDING AND SANDBAGGING) SHALL BE PROVIDED, AS NECESSARY, TO MINIMIZE EROSION AND	14. THE PLAT SHALL INCLUDE CONSERVATION AND PUBLIC FLOWAGE EASEMENTS FOR ALL WETLAND AREAS.
DOWNSTREAM SEDIMENTATION CAUSED BY SURFACE WATER RUN-OFF ON EXPOSED LAND SURFACES. 11. PERMANENT VEGETATION SHALL BE BY SEEDING OR SODDING ALL EXPOSED AREAS WITHIN THREE DAYS AFTER	<ol> <li>ALL ABOVE NOTES APPLY TO ALL PAVING, GRADING AND DRAINAGE PLAN SHEETS.</li> <li>ALL RCP SHALL BE TV INSPECTED AND HDPE (IF TAKES ROAD DRAINAGE) SHALL BE LASER PROFIL</li> </ol>
FINAL GRADING. MULCH SHALL BE USED AS NECESSARY FOR PROTECTION UNTIL 75% GROWTH IS ESTABLISHED. AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL WHICH WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER SHALL BE REMOVED OR TREATED IN SUCH A WAY AS TO PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER.	<ul> <li>INSPECTED PER MANATEE CO. REQUIREMENTS.</li> <li>17. CONTRACTOR SHALL INSTALL THE FORCE MAIN WITH A UNIFORM SLOPE FROM THE LOW POINTS IDENTIFIED BY THE CONSTRUCTION PLANS TO THE AIR RELEASE VALVE. CONTRACTOR SHALL INSTALL AIR RELEASE VALVE AT HIGH POINTS IN THE FORCE MAIN PROFILE.</li> </ul>
12. ALL NEW EROSION AND SILT CONTROL METHODS AND LOCATIONS INDICATED ON THIS DRAWING ARE FOR START-UP AND GENERAL REFERENCE ONLY AND SHALL BE ADJUSTED, AS REQUIRED, TO SUIT THE PROCESS OF THE CONSTRUCTION.	<ol> <li>ALL ABOVE NOTES APPLY TO ALL UTILITY PLAN SHEETS.</li> <li>ALL VALVES AND SERVICES ARE SHOWN FOR GRAPHIC PURPOSES ONLY REFER TO DETAILS FOR SERVICE</li> </ol>
D 13. ANY AREAS SUBJECT TO EROSION MUST BE ADEQUATELY STABILIZED WITH VEGETATIVE MATERIAL THAT WILL, WITHIN A REASONABLE TIME FRAME, DETER SOIL DISTURBANCE. SODDING, PLUGGING, SPRIGGING. OR SEEDING IS ACCEPTABLE FOR STABILIZATION; HOWEVER, SODDING MAY BE REQUIRED IN AREAS OF EROSION-PRONE SOILS OR WHERE SLOPES ARE GREATER THAN 5:1. VEGETATION OTHER THAN GRASS IS ACCEPTABLE UNLESS OTHERWISE SPECIFIED.	LOCATIONS. NO VALVES TO FALL WITHIN THE H/C RAMPS OR CURBS.
FOR COMMERCIAL SITE DEVELOPMENT PROJECTS, NO MORE THAN 50% OF THE LANDSCAPED AREA MAY BE PLANTED WITH SHALLOW-ROOTED (I.E., ST AUGUSTINE) TURF GRASS VARIETIES. THESE TURF GRASS VARIETIES SHALL BE CONSOLIDATED IN AND LIMITED TO AREAS THAT ARE PROVIDED WITH CENTRAL AUTOMATIC IRRIGATION SYSTEMS. <u>A METHOD OF STABILIZATION MUST BE SHOWN ON THE SITE DEVELOPMENT CONSTRUCTION</u> <u>PLANS</u> .	
14. SEE PGD PLANS FOR ADDITIONAL EROSION CONTROL LOCATION INFORMATION AND DETAILS. 15. CONTRACTOR TO COMPLY WITH ALL REGULATIONS AS SET FORTH BY THE FDEP NPDES STORMWATER REGULATORY	
PROGRAM. 16. CONTRACTOR TO CONSTRUCT PROPOSED STORMWATER PONDS IN EITHER CELLS OR SEQUENCED SO THAT THE FIRST PONDS FUNCTION AS SEDIMENT BASINS TO SEPARATE SUSPENDED SOLIDS FROM PRODUCED GROUNDWATER. ALL PRODUCED GROUNDWATER MUST MEET CRITERIA OF "STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION GENERIC PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY NON-CONTAMINATED SITE ACTIVITY" EFFECTIVE DATE FEBRUARY 14, 2000; DOCUMENT NUMBER 62-621.300(2).	
17. DURING LAND ALTERATION AND CONSTRUCTION ACTIVITIES, IT SHALL BE UNLAWFUL TO REMOVE VEGETATION BY GRUBBING OR TO PLACE SOIL DEPOSITS, DEBRIS, SOLVENTS, CONSTRUCTION MATERIAL, MACHINERY OR OTHER EQUIPMENT OF ANY KIND WITHIN THE DRIPLINE OF A TREE TO REMAIN ON THE SITE UNLESS OTHERWISE APPROVED BY THE COUNTY.	
<ul> <li>SIGNING AND PAVEMENT MARKINGS SHALL CONFORM TO THE U.S. DEPARTMENT OF TRANSPORTATION'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", 2009 EDITION, AND THE FLORIDA DEPARTMENT OF TRANSPORTATION'S "DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM", JANUARY 2017</li> <li>ALL PAVEMENT MARKINGS SHALL BE LEAD-FREE, NON-SOLVENT BASED THERMOPLASTIC, UNLESS NOTED OTHERWISE, FOR THE FIRST LIFT OF ASPHALT AND THE FINAL LIFT OF ASPHALT.</li> <li>ALL PAVEMENT MARKINGS TO BE REMOVED SHALL BE PERFORMED BY GRINDING.</li> <li>THE SIGN LOCATIONS SHOWN ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENTS AS DIRECTED BY THE ENGINEER.</li> </ul>	
<ol> <li>IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY THE LENGTH OF THE COLUMN SUPPORTS IN THE FIELD PRIOR TO FABRICATION.</li> <li>ALL PARKING STALLS SHALL BE PAINTED IN ACCORDANCE WITH THE CONSTRUCTION PLANS AND/OR CONSTRUCTION PLANS AND/OR</li> </ol>	
SPECIFICATIONS. 7. LOCATION OF STOP BARS IS TO BE PER SECTION 3B.16 OF THE MUTCD.	
<ol> <li>LOCATION OF SIGNS IS TO BE PER SECTION 2A.18 THROUGH 2A.20 OF THE MUTCD.</li> <li>PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS SHALL BE INSTALLED ON ALL ROADS CLASSIFIED OTHER THAN RESIDENTIAL WITH AN ADT GREATER THAN 500 VEHICLES, OR IF OTHER CONDITIONS EXIST THAT REQUIRE PAVEMENT MARKINGS (MANATEE COUNTY SPECIFICATIONS).</li> </ol>	
10. ALL SIGN BLANKS SHALL BE OF A TYPE CURRENTLY CERTIFIED BY THE FDOT FOR USE IN THE STATE OF FLORIDA. ALL SIGNS SHALL BE NO LESS THAN THE STANDARD SIZES AS SPECIFIED BY THE FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. STREET NAME SIGNS SHALL BE 6-INCHES ON LOCAL ROADS WITH 4-INCH SERIES "C" LETTERS, AND 9-INCHES ON COLLECTOR AND ARTERIAL ROADS WITH 6-INCH SERIES "B" LETTERS.	
<ul> <li>— 11. ALL SIGN FACES SHALL BE HIGH INTENSITY GRADE AND OF A TYPE CURRENTLY CERTIFIED BY THE FDOT FOR USE IN THE STATE OF FLORIDA. STOP AND STREET NAME SIGNS SHALL BE DIAMOND GRADE.</li> <li>12. DELINEATORS SHALL BE YELLOW / GREEN PER F.D.O.T. STANDARD PLAN INDEX 711-001.</li> </ul>	
13. ALL SIGNS OTHER THAN STREET NAMES SHALL BE DATE CODED WITH A 2" X 4" YELLOW REFLECTIVE LABEL AFFIXED TO THE BACK OF THE SIGN. IT WILL BE PUNCHED TO SHOW MONTH, DAY AND YEAR OF INSTALLATION.	
<ul> <li>14. ALL POST SYSTEMS, MOUNTING BRACKETS, AND HARDWARE SHALL BE OF A TYPE CURRENTLY IN USE BY THE CITY OF PALMETTO PUBLIC WORKS DEPARTMENT AND CURRENTLY CERTIFIED BY THE FDOT FOR USE IN THE STATE OF FLORIDA. ALTERNATIVE SYSTEMS, ETC., SHALL ONLY BE USED IF APPROVED BY THE MANATEE COUNTY ENGINEER. SEE ALTERNATE STANDARDS - STREET SIGNAGE &amp; LIGHTING THIS SHEET. SIGNS (ALTERNATE AND/OR STANDARDS) AND SIGN HEIGHTS SHALL MEET FDOT STANDARDS AND ALL POSTS SHALL BE BREAKAWAY.</li> </ul>	
15. ALL TRAFFIC CONTROL DEVICES AND MATERIALS SHALL BE ON THE CURRENT FDOT APPROVED PRODUCTS LIST. PROOF OF CERTIFICATION IS REQUIRED FOR ALL TRAFFIC CONTROL DEVICES.	
1 2 3	4 5 6

## ATER & RECLAIMED WATER

#### **PAVING, GRADING, AND DRAINAGE NOTES:**

7

- 1. ALL UNDERGROUND UTILITIES INCLUDING CONDUIT FOR ELECTRICAL, IRRIGATION, CABLE TV AND TELEPHONE CROSSINGS SHALL BE INSTALLED PRIOR TO PAVEMENT CONSTRUCTION. CONTRACTOR TO COORDINATE INSTALLATION OF ANY ADDITIONAL CONDUIT LOCATIONS WITH OWNER.
- 2. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF PALMETTO AND FDOT STANDARDS AND SPECIFICATIONS WHERE APPLICABLE.

8

- 3. PIPE MEASUREMENTS ARE TO CENTER OF STRUCTURES FOR INLETS AND MANHOLES. STATION OFFSETS (LT OR RT) REFER TO CENTER OF STRUCTURES FOR MANHOLES. ALL PIPE LENGTHS ARE PLUS OR MINUS. ALL PIPE LENGTHS INCLUDE END TREATMENT
- 4. ALL CURB CUT RAMPS TO BE CONSTRUCTED PER FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS (STANDARD PLANS 522-002) AND BE ADA COMPLIANT INCLUDING USE OF TRUNCATED DOME TACTILE SURFACE
- 5. ALL EARTHWORK, PLACEMENT OF FILL AND PAVEMENT PREPARATION TO CONFORM TO THE MORE STRICT OF THE CITY OF PALMETTO TECHNICAL SPECIFICATIONS OR THE GEOTECHNICAL REPORT.
- 6. TERMINATION OF BOTH FDOT TYPE "F" AND 6" VERTICAL CURB SHALL INCLUDE A 3' TRANSITION TO FLUSH UNLESS OTHERWISE NOTED ON THE CONSTRUCTION DRAWINGS.
- 7. EXTRA MATERIAL IS REQUIRED PER FDOT STANDARD PLAN NO. 436-001 (SHEET 1 OF 5) AROUND STORM PIPE MEETING COVER CRITERIA OF SAID INDEX.
- 8. JOINTS OF STORM SEWER SHALL BE STAGGERED FOR CROSSINGS OF THE SANITARY SEWER WITH LESS THAN 18 INCHES OF VERTICAL CLEARANCE SO THAT THE PIPE BELL IS NOT LOCATED AT THE CROSSING.
- 9. AS A COST SAVINGS MEASURE STORM STRUCTURES WITH MULTIPLE PIPE CONNECTIONS MAY BE OFFSET FROM THE CENTER OF THE STRUCTURE TO REDUCE THE OVERALL STRUCTURE SIZE. CONTRACTOR IS TO COORDINATE OFFSET CONNECTIONS WITH APPROPRIATE SUB CONTRACTORS INCLUDING PROJECT SURVEYOR.
- 10. T.O.B. LINE INDICATES TOP OF BANK; I.E., THE POINT AT WHICH THE SLOPE BEGINS. T.O.F. INDICATES TOP OF FREEBOARD.
- 11. DURING LAND ALTERATION AND CONSTRUCTION ACTIVITIES, IT SHALL BE UNLAWFUL TO REMOVE VEGETATION BY GRUBBING OR TO PLACE SOIL DEPOSITS, DEBRIS, SOLVENTS, CONSTRUCTION MATERIAL, MACHINERY OR OTHER EQUIPMENT OF ANY KIND WITHIN THE DRIPLINE OF A TREE REMAINING ON SITE UNLESS APPROVED BY THE
- 12. ALL TRIMMING UNDERTAKEN ON A TREE PROTECTED BY PROVISIONS OF LAND DEVELOPMENT CODE SHALL BE PRUNED IN ACCORDANCE WITH THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A-300 PRUNING STANDARDS.
- 13. ALL STORM DRAIN STRUCTURES TO CONFORM THE "FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS FOR CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM" FY 2019-20, OR THE CITY OF PALMETTO SPECIFICATIONS. ALL STORM PIPES TO STRUCTURES ARE TO BE WRAPPED PER FDOT INDEX 425-001.
- 14. ALL PROPOSED STORM GRATES, RING & COVERS AND SANITARY SEWER RING & COVERS TO MEET H-20 LOADING RATING. ALL STORM GRATES TO BE HOT DIPPED GALVANIZED RETICULINE STEEL GRATES. ALL EXISTING STRUCTURES TO BE MODIFIED AS REQUIRED TO MEET H-20 LOAD RATING AND ADJUSTED TO MEET PROPOSED GRADE
- 15. THE STAKED SILT FENCE SHALL BE INSTALLED PRIOR TO EARTHWORK OPERATIONS COMMENCING AND IS TO BE MAINTAINED THROUGH PROJECT COMPLETION.
- 16. ALL SWALES SHALL BE SODDED AS SHOWN ON THE SECTIONS.
- 17. STORM SEWER PIPE LINES WILL NOT BE INSTALLED PRIOR TO PLACEMENT AND ALIGNMENT OF INLET STRUCTURES. 18. ALL FLARED END SECTIONS AND MITERED END SECTIONS TO HAVE TOE WALLS PER FDOT STANDARD PLAN INDEX 430-020 AND 430-021
- 19. CONTRACTOR TO PROVIDE DEWATERING PLAN PRIOR TO CONSTRUCTION. DEWATERING PLAN TO INCLUDE DISCHARGE RATES AND SUMP LOCATION.

#### **GENERAL INFORMATION:**

PROPERTY OWNER: MANATEE COUNTY PUBLIC WORKS 1022 26TH AVENUE EAST BRADENTON, FLORIDA 34205 CONTACT: ANTHONY RUSSO PHONE: (941)-708-7450 EMAIL: ANTHONY.RUSSO@MYMANATEE.ORG

PROJECT DEVELOPER: INDEVELOPMENT PARTNERS 650 CALIFORNIA ST. 7TH FLOOR SAN FRANCISCO, 94108 CONTACT: ANTHONY DERUSSO PHONE: (415)-879-9980 EMAIL: TDERUSSO@INDEVELOPMENTPARTNERS.COM

PROJECT SURVEYOR: STRAYER SURVEYING + MAPPING 742 SHAMROCK BOULEVARD VENICE, FLORIDA 34293 PHONE:(941)-496-9488

ARDURRA GROUP, INC. 2930 UNIVERSITY PARKWAY SARASOTA, FLORIDA 34243 CONTACT: JEFFREY KISTNER, PSM, PLS PHONE (813) 880-8881 FAX (813) 880-8882 EMAIL: JKISTNER@ARDURRA.COM

PROJECT ENGINEER: ARDURRA GROUP, INC. 2930 UNIVERSITY PARKWAY SARASOTA, FLORIDA 34243 CONTACT: NICOLE LYNN, PE PHONE (813) 880-8881 FAX (813) 880-8882 EMAIL:NLYNN@ARDURRA.COM

LANDSCAPE ARCHITECT: GAUSE AND ASSOCIATES, INC. 323 10TH AVE. W., SUITE 102 PALMETTO, FLORIDA 34221 CONTACT: BOB GAUSE PHONE: (941) 981-3089

WATER SUPPLY: CITY OF PALMETTO 516 8TH AVE W PALMETTO FL, 34221

SEWER SUPPLY: CITY OF PALMETTO 516 8TH AVE W PALMETTO FL, 34221

<u>FIRE DEPARTMENT:</u> NORTH RIVER FIRE DISTRICT 1225 14TH AVE. W. PALMETTO, FL 34221 (941) 721-6700

ELECTRICAL SUPPLY: FLORIDA POWER & LIGHT CO. STREET ADDRESS: PALMETTO, FL 34221 PHONE: (941) 917-0708

#### **GENERAL N**

#### 1. ALL PRACTICAE EROSION AND

9

- OTHERWISE.
- CONSTRUCTION DOCUMENTS.

- OF SIX INCHES (6").
- SURFACE OF THE GROUND.

10	11	12
ENERAL NOTES:		
EROSION AND TRANSPORT OF SEDIMENT	RT SHALL BE TAKEN DURING CONSTRUCTIO MATERIAL TO INLETS, SURFACE DRAINS, V LE FOR ALL RESTORATION EFFORTS THAT M	VETLANDS AND LAKE AREAS.

2. THE CONTRACTOR IS TO CONTROL ALL FUGITIVE DUST ORIGINATING ON THIS PROJECT BY WATERING OR OTHER METHODS AS REQUIRED AND/OR ACCEPTED BY THE OWNER AND/OR AUTHORIZED REPRESENTATIVE.

3. THE CONTRACTOR SHALL NOT ENTER UPON OR IN ANY WAY ALTER THE WETLAND CONSERVATION AREAS THAT ARE DESIGNATED TO REMAIN. ALL WORK IN THE VICINITY OF OPEN WATER AND/OR WETLANDS IS TO BE PERFORMED IN COMPLIANCE WITH THE ENVIRONMENTAL PERMITS FOR THE SITE. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY FINE RESULTING FROM HIS VIOLATION OF PERMIT CONDITIONS.

4. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT EXISTING TREES TO BE SAVED REMAIN UNDAMAGED DURING CONSTRUCTION. REFERENCE LANDSCAPE AND LAND ALTERATION ORDINANCE. DEVELOPMENT SHALL COMPLY WITH THE TREE AND LANDSCAPE CODES AS SET FORTH IN THE LAND DEVELOPMENT CODE UNLESS PERMITTED

PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL EXPOSE ALL EXISTING UTILITIES TO BE EXTENDED OR CROSSED AND CONTACT THE ENGINEER FOR RESOLUTION OF ANY CONFLICTS BETWEEN FIELD CONDITIONS AND

6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF THE UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION IN THEIR VICINITY. THE CONTRACTOR SHALL NOTIFY "SUNSHINE" (1-800-432-4770) AND ALL UTILITY COMPANIES IN THE AREA FIVE (5) DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

7. CONTRACTOR TO REMOVE AND LEGALLY DISPOSE OF ALL EXISTING OCCUPATION AS NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS. THE OWNER RETAINS THE RIGHT TO KEEP ANY OCCUPATION DEEMED VALUABLE.

8. DIGITAL OR ELECTRONIC REPRESENTATION OF THESE CONSTRUCTION PLANS DOES NOT CONSTITUTE A COORDINATE CONTROL MAP OR MATHEMATICALLY CONTROLLED INFORMATION FOR THE USE OF CONSTRUCTION STAKFOUT, IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND/OR CONTRACTOR'S SURVEYOR TO ENSURE THAT ANY DIGITAL OR ELECTRONIC REPRESENTATION OF THESE PLANS IS IN COMPLETE CONFORMANCE WITH ALL OF THE NOTATIONS, SPECIFICATIONS, DETAILS AND OTHER DATA APPEARING ON OR AS MAY BE DERIVED FROM THESE CONSTRUCTION PLANS

9. CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING MAINTENANCE OF TRAFFIC PLANS AS REQUIRED.

10. NO EXISTING WELL(S) WITHIN THE LIMITS OF THE SITE.

11. CONTRACTOR RESPONSIBLE FOR REPAIR AND REPLACEMENT OF INFRASTRUCTURE / FACILITIES WITHIN THE RIGHT-OF-WAY THAT ARE DAMAGED DURING CONSTRUCTION ACTIVITY.

12. BURN AREAS, IF REQUIRED, WILL BE OBTAINED FROM THE DIVISION OF FORESTRY BY THE CONTRACTOR.

13. SIDEWALKS ARE TO BE PROVIDED AS REQUIRED WITHIN THE LAND DEVELOPMENT CODE. SIDEWALKS SHALL BE CONSTRUCTED OF NATURAL OR COLORED CONCRETE AT 3,000 PSI IN STRENGTH, FIBER REINFORCED, AND A MINIMUM OF FOUR INCHES (4") IN THICKNESS. AT DRIVEWAY CROSSINGS, THE THICKNESS SHALL BE A MINIMUM

14. SIDEWALK CROSSINGS TO PROVIDE STRIPING AND SIGNAGE PER FDOT STANDARD PLAN INDEX 711-001 AND 700-102. THE DETECTABLE WARNING SHALL BE ALIGNED TO THE DIRECTION OF PEDESTRIAN TRAVEL.

15. GRASS OR OTHER LOW GROWING VEGETATION THAT IS EASILY MAINTAINED SHALL BE USED IN CLEAR ZONES.

16. UTILITY LINES OF ALL KINDS, INCLUDING, BUT NOT LIMITED TO, ELECTRIC POWER AND LIGHT, TELEPHONE AND TELEGRAPH, CABLE/TELEVISION, WATER, SEWER, AND GAS SHALL BE CONSTRUCTED AND INSTALLED BENEATH THE

17. THERE ARE NO KNOWN HISTORIC RESOURCES ON SITE. HOWEVER, IF, DURING CONSTRUCTION ACTIVITIES, ANY EVIDENCE OF HISTORIC RESOURCES INCLUDING, BUT NOT LIMITED TO, ABORIGINAL OR HISTORIC POTTERY, PREHISTORIC STONE TOOLS, BONE OR SHELL TOOLS, HISTORIC TRASH PITS, OR HISTORIC BUILDING FOUNDATIONS ARE DISCOVERED, WORK SHALL COME TO AN IMMEDIATE STOP, AND THE LOCAL MUNICIPALITY AND THE FLORIDA DIVISION OF HISTORICAL RESOURCES (STATE HISTORIC PRESERVATION OFFICER) SHALL BE NOTIFIED WITHIN TWO WORKING DAYS.

18. IF, DURING CONSTRUCTION ACTIVITIES, ANY EVIDENCE OF THE PRESENCE OF STATE AND FEDERALLY PROTECTED PLANT AND/OR ANIMAL SPECIES ARE DISCOVERED, WORK SHALL COME TO AN IMMEDIATE STOP AND THE LOCAL MUNICIPALITY SHALL BE NOTIFIED WITHIN TWO WORKING DAYS.

19. SITE TRIANGLES SHALL BE UNOBSTRUCTED, AND SHALL BE INSPECTED AND MAINTAINED IN CONFORMANCE WITH FDM 212.11 CLEAR SIGHT TRIANGLES.

20. THE CONTRACTOR IS TO EXERCISE EXTREME CAUTION IN THE VICINITY OF TREES TO REMAIN AND IS RESPONSIBLE FOR ANY DAMAGE RESULTING FROM ITS WORK.

21. SOLID WASTE DISPOSAL WILL BE PROVIDED BY CITY OF PALMETTO BY INDIVIDUAL CAN PICK-UP.

22. ALL PROPOSED BUILDING FINISHED FLOOR ELEVATIONS ARE TO BE TO FLOOD ZONE REQUIREMENTS WHERE APPLICABLE, OR AS SPECIFIED ON THE PLANS WITHIN

23. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CITY OF PALMETTO BLDG & DEV SERVICES IF ANY TREE OR UPLAND PRESERVATION AREA DESIGNATED TO REMAIN IS ADVERSELY IMPACTED.

24. REMOVAL OF ALL EXOTIC NUISANCE PLANT SPECIES FROM UPLAND PORTIONS OF THE SITE SHALL BE COMPLETED PRIOR TO THE FIRST CERTIFICATE OF OCCUPANCY ISSUANCE OR FINAL PLAT APPROVAL, IN ACCORDANCE WITH CITY OF PALMETTO REGULATIONS.

25. PRIOR TO CONSTRUCTION, GRADING OR TREE REMOVAL FROM THE SITE, REQUIRED TREE PROTECTIVE BARRIERS SHALL BE INSTALLED TO PROTECT TREES 4" DBH AND GREATER AND NATIVE VEGETATION AREAS IDENTIFIED FOR PROTECTION. LOCATIONS FOR ALL SILT, CHAIN LINK AND OTHER PROTECTIVE BARRIERS SHALL BE SURVEYED AND APPROVED BY MANATEE COUNTY PRIOR TO INSTALLATION.

26. ALL CONTRACTORS, SUBCONTRACTORS AND CONSTRUCTION CREW MEMBERS SHALL ATTEND A PRE CONSTRUCTION MEETING AS REQUIRED BY THE LDC. THE PURPOSE OF THE MEETING IS TO DISCUSS TREE PROTECTION AND INSURE THAT TREES IDENTIFIED TO REMAIN ARE RETAINED AND PROTECTED, AND THAT ALL PROTECTIVE BARRICADES REMAIN UP DURING ALL PHASES OF CONSTRUCTION. PENALTIES FOR NONCOMPLIANCE OR UNAUTHORIZED TREE REMOVAL MAY BE APPLIED IN ACCORDANCE WITH THE CITY OF PALMETTO LAND DEVELOPMENT CODE.

27. THE CONTRACTOR IS TO PROVIDE THE ENGINEER OF RECORD WITH REPRODUCIBLE RECORD DRAWINGS SHOWING ALL IMPROVEMENT LOCATIONS AND ELEVATIONS IN ACCORDANCE WITH LATEST CITY OF PALMETTO PLANNING, PERMITTING AND INSPECTIONS (MCPPI) AND SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD) STANDARDS. THE CONTRACTOR SHALL ALSO PROVIDE FIVE SETS OF PRINTS, SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR, ALONG WITH THE CADD FILE(S) OF THE RECORD DRAWINGS TO THE ENGINEER OF RECORD. THESE RECORD DRAWINGS SHALL BE CERTIFIED TO THE OWNER, APPROPRIATE GOVERNMENTAL AGENCIES AND TO KING ENGINEERING ASSOCIATES, INC. RECORD DRAWINGS SHALL SPECIFICALLY INCLUDE STORMWATER FACILITY LOCATIONS, INCLUDING TOP OF BANK, UNDERDRAIN AND CONTROL STRUCTURES AND SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR AND REVIEWED BY THE ENGINEER OF RECORD PRIOR TO ACCEPTANCE AND PAYMENT. BENCH MARKS WITH THE ELEVATIONS CLEARLY AND PERMANENTLY MARKED ARE TO BE PLACED ON THE TOP OF ALL PROPOSED OUTFALL CONTROL STRUCTURES. RECORD DRAWINGS OF ALL MITIGATION AREAS INCLUDING ELEVATIONS, ZONES AND LIMITS SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR AND REVIEWED BY THE ENGINEER OF RECORD PRIOR TO ACCEPTANCE AND PAYMENT. THE RECORD DRAWINGS SHALL SPECIFICALLY INCLUDE THE SURFACE AREA OF STORMWATER FACILITIES AT TOP OF BANK AND ALL MITIGATION AND/OR LITTORAL SHELF AREAS.

28. ALL AREAS ARE TO BE SODDED.



#### INDEVELOPMENT PARTNERS

650 CALIFORNIA ST. 7TH FLOOR SAN FRANCISCO, CA 94108

7th STREET EXPANSION & ROUNDABOUT		GENERAL NOTES	NO
			DATE
			REVISION
			BΥ

-01.dwg	1     2     3     4       LEGAL DESCRIPTION:		5
awings/NTS-LEG-01	COMMENCE AT THE SW CORNER OF SECTION 13, TOWNSHIP 34 SOUTH, RANGE 17 EAST, MANATEE COUNTY, FLORIDA; THENCE S. 89° 21' 48"		PROPOS
/ings/N	E. 533.02 FEET; THENCE N. 00° 13' 04" W. ALONG THE CENTERLINE OF US HIGHWAY 301, A DISTANCE OF 558.72 FEET; THENCE EASTERLY AT RIGHT ANGLES TO SAID CENTERLINE 60 FEET; THENCE N. 02° 10' 05" E. 105.1 FEET FOR THE POINT OF BEGINNING; THENCE ALONG THE EASTERLY RIGHT OF WAY LINE OF SAID US HIGHWAY 301 FOLLOWING: N. 2° 10' 05" E. 495.33 FEET; THENCE N. 00° 13' 04" W. 300.00 FEET;		FNOFO
ā í	N. 6° 46' 30" E. 298.46 FEET; N. 19° 56' 01" E. 247.66 FEET; N. 26° 07' 15" E. 494.70 FEET TO THE P.C. OF A CURVE CONCAVE TO THE SOUTHEAST, HAVING A RADIUS OF 270 FEET AND A DELTA ANGLE OF 60° 11' 28"; THENCE NORTHEASTERLY ALONG THE ARC OF SAID CURVE AND ALONG SAID RIGHT OF WAY 283.64 FEET TO ITS INTERSECTION WITH A CURVE, CONCAVE TO EAST, HAVING A RADIUS OF 2085.38 FEET	NO	. SYMBOL
5180\Production\	AND A DELTA ANGLE OF 09° 48' 31"; THENCE SOUTHWESTERLY ALONG ARC OF SAID CURVE 356.97 FEET TO THE P.T. OF SAID CURVE; THENCE S. 00° 13' 10" W. 239.95 FEET; THENCE S. 89° 34' 30" E. 200.3 FEET; THENCE S. 00° 13' 10" W. ALONG THE 1/4, 1/4 SECTION LINE OF		
5180\PI	SECTION 13, A DISTANCE OF 1328.3 FEET; THENCE N. 89° 22' 50" W. ALONG THE SOUTH LINE OF THE NE 1/4 OF THE SW 1/4 OF THE SW 1/4 OF SAID SECTION 13, A DISTANCE OF 742.52 FEET TO THE POINT OF BEGINNING. ALSO ALL THAT PORTION OF THE FORMER SEABOARD COAST LINE RAILROAD COMPANY RIGHT OF WAY AS DESCRIBED IN OFFICIAL RECORDS BOOK 1083, PAGE 3603, OF THE PUBLIC RECORDS OF		STOP
1\2019\	MANATEE COUNTY, FLORIDA.		
L\0007	COMMENCE AT THE SW CORNER OF SECTION 13, TOWNSHIP 34 SOUTH, RANGE 17 EAST, MANATEE COUNTY, FLORIDA; THENCE S. 89° 36' 55"	(2)	) SPEED LIMIT
Q:\CIVIL\000	E. ALONG THE SOUTH LINE OF SAID SECTION 13, A DISTANCE OF 533.02 FEET TO A POINT ON THE CENTERLINE OF SURVEY FOR U.S. HIGHWAY 41-301, (STATE ROAD NO. 55). SAID POINT LYING 1.79 FEET NORTH OF DEPARTMENT OF TRANSPORTATION STATION 23041.28; THENCE N. 00° 13' 04" W. ALONG SAID CENTERLINE, A DISTANCE OF 656.93 FEET TO STATION 23700; THENCE N. 89° 46' 56" E. 62.50 FEET		15
, 2017	TO A POINT ON THE EAST RIGHT OF WAY LINE OF SAID HIGHWAY; THENCE N. 02° 21' 32" E. ALONG SAID RIGHT OF WAY LINE, A DISTANCE OF 500.50 FEET; THENCE ALONG SAID RIGHT OF WAY LINE N. 00° 13' 04" W. 300.00 FEET; THENCE N. 06° 46' 30" E. 132.58 FEET FOR A POINT OF BEGINNING; THENCE CONTINUING ALONG SAID RIGHT OF WAY LINE THE FOLLOWING COURSES AND DISTANCES: N. 06° 46' 30" E. 165.88	6	REDUCE
July 10, B	FEET; THENCE N. 19° 56' 01" E. 247.66 FEET; THENCE N. 26° 07' 15" E. 494.70 FEET TO THE POINT OF CURVATURE OF A CURVE, CONCAVE TO THE SOUTHEAST AND HAVING A RADIUS OF 270.00 FEET; THENCE NORTHEASTERLY ALONG THE ARC OF SAID CURVE, THROUGH A CENTRAL	(3	) SPEED AHEAD
	ANGLE OF 57° 06' 44", A DISTANCE OF 269.14 FEET; (CHORD 258.13 FEET, CHORD BEARING N. 54° 40' 37" E.) TO A POINT OF NON-TANGENCY; THENCE LEAVING SAID RIGHT OF WAY LINE, ALONG THE WEST LINE OF THAT PROPERTY DESCRIBED IN OFFICIAL RECORDS BOOK 1083, PAGES 3605 AND 3606, OF THE PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA, SAID WEST LINE BEING A CURVE, CONCAVE TO		
	THE EAST, HAVING A RADIUS OF 2627.73 FEET AND MOVING SOUTHERLY ALONG THE ARC OF SAID CURVE, THROUGH A CENTRAL ANGLE OF 07° 42' 23", A DISTANCE OF 353.44 FEET (CHORD 353.17 FEET, CHORD BEARING S. 04° 00' 48" W.) TO THE POINT OF TANGENCY OF SAID CURVE; THENCE CONTINUING ALONG SAID WEST LINE, S. 00° 09' 36" W. 239.01 FEET; THENCE S. 89° 47' 52" E. ALONG THE SOUTH LINE OF	4	
	SAID PROPERTY, A DISTANCE OF 200.43 FEET; THENCE S. 00° 03' 55" W. 692.60 FEET TO A POINT ON THE PROPOSED NORTH RIGHT OF WAY LINE OF SEVENTH STREET EAST; THENCE N. 89° 03' 29" W. ALONG SAID PROPOSED RIGHT OF WAY LINE, A DISTANCE OF 439.84 FEET;		
	THENCE N. 00° 56' 31" E. 282.00 FEET; THENCE N. 89° 03' 29" W. 271.56 FEET TO THE POINT OF BEGINNING. TOGETHER WITH:	(5	
	THAT PARCEL DESCRIBED IN OFFICIAL RECORDS BOOK 1054 PAGE 1788 OF THE PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA, BEING IN SECTION 13, TOWNSHIP 34 SOUTH, RANGE 17 EAST BEING MORE CORRECTLY AND COMPLETELY DESCRIBED AS FOLLOWS: COMMENCE AT THE		
	SOUTHWEST CORNER OF SAID SECTION 13; THENCE S89°36'47"E, 593.00 FEET ALONG THE SOUTHERLY BOUNDARY LINE OF SAID SECTION 13 TO THE INTERSECTION OF THE EASTERLY RIGHT-OF-WAY OF STATE ROAD NUMBER 55 (U.S. HIGHWAY 41 & 301); THENCE N00°13'04"W, 43.82		SPEED
с	FEET ALONG SAID EASTERLY RIGHT-OF-WAY LINE TO THE POINT OF BEGINNING; THENCE CONTINUE NORTHERLY ALONG SAID EASTERLY RIGHT-OF-WAY LINE THE FOLLOWING THREE (3) CALLS; (1) N00°13'04″W, 615.65 FEET; (2) N89°46'56″E, 2.50 FEET; (3) N02°21'32″E, 4.32 FEET TO THE NORTHERLY BOUNDARY LINE OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SAID SECTION 13;	6	
	THENCE S89°39'02"E, 740.36 FEET ALONG SAID NORTHERLY BOUNDARY LINE OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 TO THE INTERSECTION WITH THE WESTERLY BOUNDARY LINE OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SAID SECTION 13; THENCE N00°13'52"E, 663.94 FEET ALONG SAID WESTERLY BOUNDARY LINE TO THE NORTHWESTERLY BOUNDARY LINE OF SAID		
	SOUTHEAST 1/4 OF THE SOUTHWEST 1/4; THENCE S 89°38'53"E, 699.89 FEET ALONG SAID NORTHERLY BOUNDARY LINE TO THE WESTERLY BOUNDARY LINE OF LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 2369 PAGE 529; THENCE S00°14'43"W, 551.63 FEET ALONG SAID	(7	
	WESTERLY BOUNDARY LINE AND ITS SOUTHERLY PROJECTION TO THE SOUTHERLY LIMITS OF HABEN BOULEVARD BEING A NON-EXCLUSIVE INGRESS / EGRESS EASEMENT AS RECORDED IN SAID OFFICIAL RECORDS BOOK 1054 PAGE 1788 IN PARAGRAPH "1" OF EXHIBIT "B" AND ALSO BEING A NON-TANGENT CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 460.00 FEET; THENCE WESTERLY AND		
	SOUTHERLY ALONG SAID SOUTHERLY LIMITS OF HABEN BOULEVARD THE FOLLOWING SEVEN (7) CALLS: (1) SOUTHWESTERLY 167.60 FEET ALONG THE ARC OF SAID CURVE THROUGH A DELTA ANGLE OF 20°52'32″ (CHORD BEARS S65°08'58″W, 166.71 FEET) TO THE BEGINNING OF A COMPOUND CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 960.00 FEET; (2) SOUTHWESTERLY 368.61 FEET ALONG THE ARC OF		
	SAID CURVE THROUGH A DELTA ANGLE OF 22°00'00" (CHORD BEARS S43°45'19″W, 366.02 FEET); (3) S32°45'14″W, 246.51 FEET TO THE BEGINNING A CURVE CONCAVE TO THE NORTHWEST HAVING A RADIUS OF 500.00 FEET; (4) SOUTHWESTERLY AND WESTERLY ALONG THE	(8	
	ARC OF SAID CURVE THROUGH A DELTA ANGLE OF 68°00'00″ A DISTANCE OF 593.41 FEET (CHORD BEARS S66°44'36″W, 559.07 FEET); (5) N79°16'11″W, 123.70 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE SOUTH HAVING A RADIUS OF 878.45 FEET; (6) WESTERLY ALONG THE ARC OF SAID CURVE THROUGH A DELTA ANGLE OF 11°00'00″ A DISTANCE OF 168.65 FEET (CHORD BEARS N84°28'01″W, 168.73		
	FEET); (7) S89°51'49"W, 99.97 FEET TO THE POINT OF BEGINNING.	9	
D	TOGETHER WITH INGRESS/EGRESS, ARCHITECTURAL PEDESTRIAN WALKWAY AND DRAINAGE & UTILITY EASEMENTS DESCRIBED IN OFFICIAL RECORD BOOK 1054, PAGE 1788, OF THE PUBLIC RECORDS OF SAID COUNTY.		
	CONTAINING 1,072,106 SQUARE FEET OR 24.61 ACRES MORE OR LESS. TOGETHER WITH:	(10	
	AREA "B" (BY ARDURRA GROUP)		
	A PORTION OF BEL MARE PHASE I AS DESCRIBED AND RECORDED IN CONDOMINIUM BOOK 36, PAGES 103 THROUGH 118, OF PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA, LYING IN SECTION 13, TOWNSHIP 34 SOUTH, RANGE 17 EAST, MANATEE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:		
	COMMENCING AT THE SOUTHEAST CORNER OF PARCEL "A" AS DESCRIBED IN OFFICIAL RECORD BOOK 2365, PAGE 1754, PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA, THENCE NORTH 84°05'38" EAST, A DISTANCE OF 593.16 FEET TO A POINT ON A NON-TANGENT CURVE TO THE RIGHT AND TO THE SOUTH RIGHT OF WAY LINE OF HABEN BOULEVARD AND THE POINT OF BEGINNING; THENCE FOLLOWING 4 COURSES		
	ALONG SAID SOUTH RIGHT OF WAY LINE; 1, EASTERLY 119.34 FEET ALONG THE ARC OF SAID CURVE, HAVING A RADIUS OF 460.00 FEET, A CENTRAL ANGLE OF 14°51'52", AND A CHORD BEARING AND DISTANCE OF NORTH 68°24'52" EAST 119.01 FEET; 2, NORTH 00°30'38" EAST, A		
	DISTANCE OF 0.56 FEET; 3, SOUTH 14°04'52" EAST, A DISTANCE OF 1.98 FEET; 4, NORTH 75°55'08" EAST, A DISTANCE OF 78.70 FEET TO A POINT ON A NON-TANGENT CURVE TO THE LEFT; THENCE SOUTHWESTERLY 24.72 FEET, DEPARTING SAID SOUTH RIGHT OF WAY LINE AND ALONG THE ARC OF SAID CURVE, HAVING A RADIUS OF 25.00 FEET, A CENTRAL ANGLE OF 56°39'29", AND A CHORD BEARING AND DISTANCE		E DATA TABLE
Е	OF SOUTH 47°35'23" WEST 23.73 FEET TO A POINT OF REVERSE CURVE TO THE RIGHT;THENCE WESTERLY 174.68 FEET ALONG THE ARC OF SAID CURVE, HAVING A RADIUS OF 95.00 FEET, A CENTRAL ANGLE OF 105°20'56", AND A CHORD BEARING AND DISTANCE OF SOUTH 71°56'07" WEST 151.09 FEET TO A POINT OF REVERSE CURVE TO THE LEFT; THENCE WESTERLY 27.76 FEET ALONG THE ARC OF SAID CURVE,		ADDRESS: ECT AREA BREAKDOWN:
	HAVING A RADIUS OF 25.00 FEET, A CENTRAL ANGLE OF 63°37'39", AND A CHORD BEARING AND DISTANCE OF NORTH 87°12'15" WEST 26.36 FEET TO THE POINT OF BEGINNING. CONTAINING 0.148 ACRES OR 6448 SQUARE FEET.	PROF	POSED CONDITION: RVIOUS AREA:
	TOGETHER WITH:	PERV	IOUS AREA: IOUS AREA: IL AREA:
	AREA "D" (BY ARDURRA GROUP) A PARCEL OF LAND BEING A PORTION OF THAT CERTAIN PROPERTY AS DESCRIBED AND RECORDED IN OFFICIAL RECORD BOOK 2369, PAGE		JRE PARKING LOT: RVIOUS AREA:
	529, OF PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA, LYING IN SECTION 13, TOWNSHIP 34 SOUTH, RANGE 17 EAST, MANATEE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHEAST CORNER OF PARCEL "A" AS DESCRIBED IN OFFICIAL RECORD BOOK 2365, PAGE 1754, PUBLIC RECORDS OF		IOUS AREA: L AREA:
	MANATEE COUNTY, FLORIDA, THENCE NORTH 68°56'02" EAST, A DISTANCE OF 686.61 FEET; THENCE SOUTH 87°21'01" EAST, A DISTANCE OF 61.25 FEET TO A POINT ON A NON-TANGENT CURVE TO THE LEFT AND THE POINT OF BEGINNING; THENCE SOUTHEASTERLY 27.21 FEET ALONG		L PROJECT SITE:
	THE ARC OF SAID CURVE, HAVING A RADIUS OF 25.00 FEET, A CENTRAL ANGLE OF 62°21'37", AND A CHORD BEARING AND DISTANCE OF SOUTH 30°40'11" EAST 25.89 FEET TO A POINT OF REVERSE CURVE TO THE RIGHT; THENCE SOUTHEASTERLY 21.93 FEET ALONG THE ARC OF SAID CURVE, HAVING A RADIUS OF 95.00 FEET, A CENTRAL ANGLE OF 13°13'30", AND A CHORD BEARING AND DISTANCE OF SOUTH 55°14'14"		ENT SITE USE:
F	EAST 21.88 FEET TO A POINT OF REVERSE CURVE TO THE LEFT; THENCE EASTERLY 24.20 FEET ALONG THE ARC OF SAID CURVE, HAVING A RADIUS OF 25.00 FEET, A CENTRAL ANGLE OF 55°27'23", AND A CHORD BEARING AND DISTANCE OF SOUTH 76°21'10" EAST 23.26 FEET TO THE NORTH RIGHT OF WAY LINE OF HABEN BOULEVARD; THENCE SOUTH 75°55'08" WEST, ALONG THE NORTH RIGHT OF WAY LINE, A	PROP	OSED SITE USE:
	DISTANCE OF 55.95 FEET TO THE EAST RIGHT OF WAY LINE OF PROPOSED 7th STREET EAST; THENCE NORTH 00°30'38" EAST, DEPARTING THE NORTH RIGHT OF WAY LINE AND ALONG THE PROPOSED EAST RIGHT OF WAY LINE, A DISTANCE OF 53.84 FEET TO THE POINT OF		ING SPACES: XISTING: 8 HANDICAP
	BEGINNING. CONTAINING 0.021 ACRES OR 934 SQUARE FEET.		526 REGULAR <u>214 GRASS</u>
	SURVEY NOTES:		748 TOTAL
	PERFORMED BY: STRAYER SURVEYING AND MAPPING, INC.		
	DATE OF SURVEY: 11-23-2016 TO 02-23-2017		
	VERTICAL DATUM: ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).		
G	HORIZONTAL DATUM: HORIZONTAL COORDINATES ARE REFERENCED TO THE STATE PLANE COORDINATE SYSTEM FL83-WF.	F	PROPOSED STRUCTU
	BENCHMARK: "PLS 3512 MILLS MONUMENT" HAVING AN ELEVATION OF 4.21 (N.A.V.D 1988) AS PUBLISHED BY THE CITY OF PALMETTO.	NAME	DETAIL
	FLOOD INFORMATION: THE PROJECT LIES WITHIN FLOOD ZONE "AE" PER F.E.M.A. FIRM COMMUNITY PANEL 12081C0168E, DATED MARCH 17, 2014.		TYPE "C" DITCH BOTTOM INLE
			OADING GRATE (US FOUNDR) TYPE "H" DITCH BOTTOM INLE OADING GRATE (US FOUNDR)
┢	PERFORMED BY: ARDURRA GROUP, INC. DATE OF SURVEY: 04/13/2020	TYPE 5	TYPE "5" & "6" CURB INLET, FC
	VERTICAL DATUM: ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF	E	CURB INLET W/TYPE 9 TOP, FD 30TTOMS 200 & 201 TYPE "V" GUTTER INLET, FDOT
	1988 (NAVD88). HORIZONTAL DATUM: HORIZONTAL COORDINATES ARE REFERENCED TO THE STATE PLANE COORDINATE		STRUCTURE BOTTOM, FDOT ST
н	SYSTEM FL83-WF. BENCHMARK: CONTROL MONUMENTS UTILIZED ARE DESIGNATED AS "DQ3858", HAVING A PUBLISHED		STORM MANHOLE, FDOT STAN
	ELEVATION OF 4.21, AS PUBLISHED BY THE NATIONAL GEODETIC SURVEY.		MITERED END SECTION WITH TO
	12081C0168E, DATED MACH 17,2014.		2"X12" ADS OR ALTERNATE
		DROP, F & D CURB	DOT STANDARD PLANS INDE

ROPOSED SIGN LEGEND				
YMBOL	R DESCRIPTION	REGULATOR NO.	Y SIZE	
TOP	STOP	R1-1	30"x30"	
PEED IMIT 15	SPEED LIMIT	R2-1	24"x30"	
EDUCE Peed Head	REDUCE SPEED	R2-5	24"x30"	
<b>3</b> >	HORIZONTAL ALIGNMENT	W1-2	18"x18"	
$\Diamond$	HORIZONTAL ALIGNMENT	W1-2	18"x18"	
RPEED LIMIT 25	SPEED LIMIT	R2-1	24"x30"	
$\hat{\mathbf{x}}$	PEDESTRIAN SIGN	W11-2	30"x30"	
	OBJECT MARKER W/9 RETROREFLECTORS	OM1-1	18"x18"	
YIELD	YIELD	R1-2	36"x36"x36"	
$\Diamond$	ROUNDABOUT	W2-6	24"x24"	
	ROUNDABOUT DIRECTIONAL (3 CHEVERONS)	R06-4A	48"×24"	

# TA TABLE:

	1 HABEN BLVD PALMETTO, FL 34221
EAKDOWN:	-
DITION:	±3.88 ACRES ±4.63 ACRES ±8.51 ACRES
G LOT:	±4.42 ACRES ±0.69 ACRES ± 5.11 ACRES
ITE:	± 13.62 ACRES
:	PL-P
E:	PARKING AND STORM WATER
SE:	ROADWAY, STORM WATER AND PARKING
NR	PROPOSED: 8 HANDICAP <u>679 REGULAR</u> 687 TOTAL

## ED STRUCTURE & CURB REFERENCE

5

ITCH BOTTOM INLET INLET, FDOT STANDARD PLANS INDEX 425-052
ITCH BOTTOM INLET, FDOT STANDARD PLANS INDEX 425-052, H20 RATE (US FOUNDRY 6626 OR EQUIVALENT)
ITCH BOTTOM INLET, FDOT STANDARD PLANS INDEX 425-052, H20 RATE (US FOUNDRY 6616 OR EQUIVALENT)
"6" CURB INLET, FDOT STANDARD PLANS INDEX 425-021
TW/TYPE 9 TOP, FDOT STANDARD PLANS INDEX 425-024, STRUCTURE 00 & 201
JTTER INLET, FDOT STANDARD PLANS INDEX 425-041
BOTTOM, FDOT STANDARD PLANS INDEX 425-010
NHOLE, FDOT STANDARD PLANS INDEX 425-010 & 425-001
D SECTION WITH TOE WALL, FDOT STANDARD PLANS INDEX 430-020
ND SECTION PER FDOT STANDARD PLANS INDEX 430-022
S OR ALTERNATE
DARD PLANS INDEX 520-001

### **EXISTING LEGEND:**

8

7

	A
TELEVISION MARKER	CATV 🔶
CABLE TELEVISION UTILITY BOX	CATV
UNDERGROUND TELEPHONE	UTM 🔶
TELEPHONE UTILITY BOX	TUB T
FIRE HYDRANT ·····	FH 🔶
FIRE DEPARTMENT CONNECTION	FDC
UTILITY POLE ·····	UP 🔎
LIGHT POLE ·····	LP 🖄
UTILITY & LIGHT POLE	ULP 🖄
GUY POLE · · · · · · · · · · · · · · · · · · ·	GP , C
METER POLE	MP X
GUY WIRE · · · · · · · · · · · · · · · · · · ·	<u>(</u>
ELECTRIC TRANSFORMER	
ELECTRIC HAND-HOLE	онн
UNDERGROUND GAS LINE MARKER	UCG 🗢
TRAFFIC SIGN ·····	TS 📼
TRAFFIC SIGNAL UTILITY BOX	TSB 🛛
TRAFFIC SIGNAL POLE	TSP 🐹
CONCRETE ·····	
CONCRETE CURB INLETS	
CONCRETE CURB INLETS	
CONCRETE MITERED END SECTION	
CONCRETE FLARED END SECTION	
GRATE INLET ·····	
STORM SEWER CLEANOUT, PIPE & MANHOLE	
CONTOUR LINE ·····	7

#### TREE LEGEND:

12,0	= 12" UNKNOWN TYPE TREE
$\mathcal{A}^{n}$	= 12" WATER OAK TREE
<i>ک</i> رہ ک	= 12" WILLOW OAK TREE
とも	= 12" AMERICAN HOLLY TREE
1200	= 12" DEAD TREE
12.1	= 12" RED MAPLE TREE
~~~~	= 12" LOBLOLLY PINE TREE
×~∥♥	= 12" LIVE OAK TREE
$\mathcal{A}^{n}$	= 12" BLACK CHERRY TREE
×2,00	= 12" LAUREL OAK TREE
<i>₹</i> " <b>₽</b>	= 12" SABLE PALM TREE
$\mathcal{Z}_{n} \bigoplus$	= 12" GORDONIA BAY TREE
	= 12" SWEETBAY MAGNOLIA TREE
$\sum_{n=1}^{n} \mathbf{A}_{n}$	= 12" RED BAY TREE
	= 12" PECAN TREE
	= 12" LONG LEAF PINE TREE
$\frac{1}{2}$	= 12" BLACK GUM TREE
13. A	= 12" SYCAMORE TREE
12	= 12" BURR OAK TREE = 12" RED CEDAR TREE
12,	= 12" KED CEDAR TREE
12,1	= 12" YAUPON HOLLY TREE
12, <b>A</b>	= 12" SOUTHERN MAGNOLIA TREE
12,1	= 12" CRAPE MYRTLE TREE
12,	= 12" ELM TREE
	= 12" CYPRESS TREE
13.1	= 12" CAMPHOR TREE
X X	
$\mathcal{Z}^{n} {\bigstar}$	= 12" SWEET GUM TREE
~~@	= 12" RIVER BIRCH TREE
$\mathcal{A}^{\mu}$	= 12" HICKORY TREE
* <i>?</i> " <b>()</b>	= 12" LOBLOLLY BAY TREE
*?* <b>(</b> )	= 12" TURKEY OAK TREE
<u>`</u> ?"@	= 12" SILVER MAPLE TREE
` <i>?</i> " <b>ব</b>	= 12" JUNIPER TREE
、 <i>ン</i> , <b>へ</b>	
$\langle \mathcal{Q}_n \otimes \mathcal{Q}_n \rangle$	= 12" BURFORD HOLLY TREE
<i>₹</i> ?", <b>@</b>	= 12" VIBURNUM TREE
×2%()	= 12 TOLIP POPLAR TREE = 12" BURFORD HOLLY TREE = 12" VIBURNUM TREE = 12" LIGUSTRUM TREE
	= 12" LOQUAT TREE = 12" POND CYPRESS TREE
$\langle \mathcal{A}^n \rangle$	= 12" POND CYPRESS TREE
*~"	= 12" PITTOSPORUM TREE
12.0	= TREE HAVING ONE TRUNK AT BREAST HEIGHT, 12" IN DIAMETER
	= IKEE HAVING ONE IRUNK AT BREAST HEIGHT
13,15,	12" IN DIAMETER
ĭ 🍙	

	AT DREAST HEIGHT,
	12" IN DIAMETER
D	= TREE HAVING MULTIPLE
	TRUNKS AT BREAST HEIGHT
	12", 13" AND 5" IN DIAMETER

BEARING/DISTANG RECORDED PLAT BEARING/DISTAN DESCRIPTION BEARING/DISTAN FIELD MEASUREM BEARING/DISTAN CALCULATION

9

#### TYPICAL ROADWA ELEVATIONS (IF S

TYPICAL GROUND (IF SHOWN)

OVERHEAD LINES

SANITARY SEWER VALVE & PAINT M LOCATION OF PIP TELEPHONE UTILI TELEPHONE UTILI IDENTIFYING PRO UTILITY

GAS LINE WITH G PAINT MARK IDEN LOCATION OF UTI

WATER LINE WITH METER & PAINT MA PROBABLE LOCAT

ELECTRIC UTILITY MANHOLE & PAINT PROBABLE LOCATI 6' CHAIN LINK FE

OTHERWISE NOTE MAIL BOX ······ FOUND IRON ROD AS INDICATED) FOUND IRON PIPE AS INDICATED) SET 1/2" IRON RC

FOUND CONCRETE AND TYPE AS IND SET 4"X4" CONCR "PRM LB#2610"

1.0		
10		11
TANCE PERAT		(P)
TANCE PER DEED		(D)
TANCE PER		(M)
TANCE PER		(C)
DWAY SPOT IF SHOWN)		TOP OF CURB 8.22 FLOWLINE OF CURB 7.90 EDGE OF PAVEMENT 7.91 TOP OF CURB 8.22 EDGE OF PAVEMENT 7.90
JND SPOT ELEVATIONS		EDGE OF PAVEMENT $7.90$ GROUND ELEVATIONS $6.3$ 6.3 6.3
NES		0.H.L
WER PIPE, MANHOLE, CI T MARK IDENTIFYING P PIPE	_eanout Robabli	= ⊆S <sup>SCO</sup> ⊗ SV ∞ <sup>E.P.M.</sup>
TILITY MANHOLE, TILITY CABLE & PAINT N PROBABLE LOCATION O	MARK IF	77€.P.M.
TH GAS VALVE, GAS MET DENTIFYING PROBABLE UTILITY	ER &	G G
WITH WATER VALVE, WA IT MARK IDENTIFYING CATION OF UTILITY	ATER 	₩V — — — — — — — — — — — — — — — — — — —
LITY LINE WITH ELECTR AINT MARK IDENTIFYIN CATION OF UTILITY	IC UTILI G······	TY ©E <sup>E.P.M.</sup> .
( FENCE UNLESS		
ROD (SIZE AND TYPE		
D) PIPE (SIZE AND TYPE		
D) ````````````````````````````````````		
RETE MONUMENT (SIZE		
INDICATED)		F.C.M.
NCRETE MONUMENT		S.C.M.

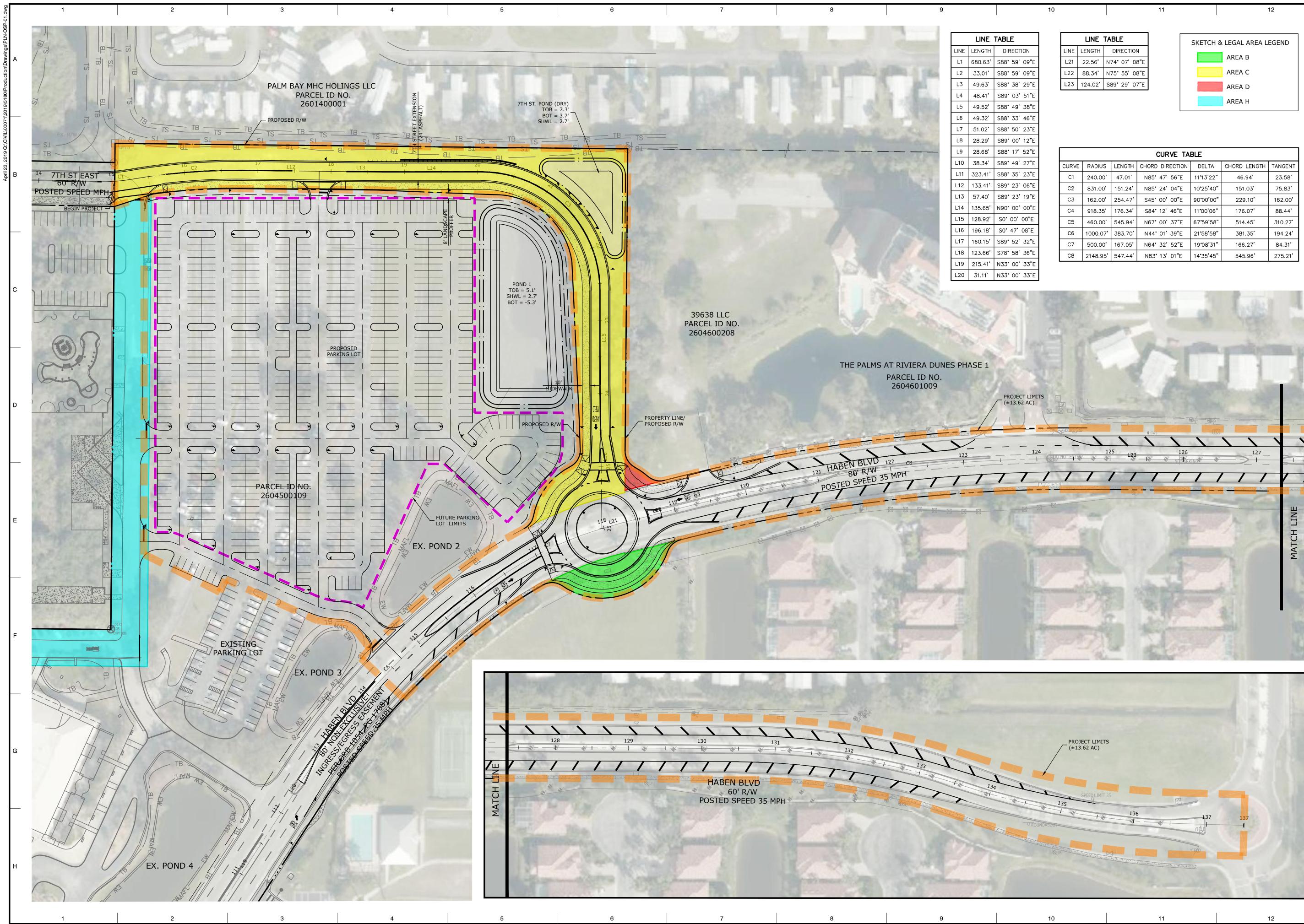
COLLABORATE. INNOVATE. CREATE. 2930 University Parkway Sarasota, Florida 34243 Phone: (941) 358-6500 www.Ardurra.com License #2610									
INDEVELOPMENT PARTNERS 650 CALIFORNIA ST. 7TH FLOOR SAN FRANCISCO, CA 94108									
									BY
									REVISION
									DATE
		_ (	S						NO.
7th STREET EXPANSION & ROUNDABOUT FINAL SITE PLAN/CONSTRUCTION PLANS							NOTES AND LEGENDS		
	DB N ATE:					1:	2/20	-518 /201	
		( er		BID	SET				

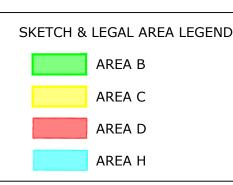
12

12

1 2 3 4	5 6 7 8	9 10 11 12	
SITE DESCRIPTION	TIMING OF CONTROL MEASURES	SPILL CONTROL PRACTICES	
PROJECT NAME: 7TH STREET EXTENSIONPROPERTY OWNER: MANATEE COUNTYDEVELOPER: INDEVELOPMENT PARTNERSLATITUDE:N 27° 31' 01.29" LONGITUDE:OWNER'S ADDRESS: 1022 26th AVENUE EAST BRADENTON, FL 34208DEVELOPER'S ADDRESS: 650 CALIFORNIA ST. 7TH FLOOR SAN FRANCISCO, CA 94108	AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, STAKED SILT BARRIERS, STABILIZED CONSTRUCTION ENTRANCES AND SEDIMENT BASINS WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 21 DAYS WILL BE STABILIZED WITH A TEMPORARY GRASS AND MULCH WITHIN 5 DAYS OF THE LAST DISTURBANCE. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN THAT AREA, THAT AREA WILL BE STABILIZED WITH PERMANENT SOD. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE TRAPS AND THE STAKED SILT BARRIERS WILL BE REMOVED.	IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP: MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ON-SITE. EQUIPMENT AND	
DESCRIPTION OF NATURE OF CONSTRUCTION ACTIVITY	CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS	MATERIALS WILL INCLUDE, BUT NOT BE LIMITED TO, BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.	
CONSTRUCTION OF INFRASTRUCTURE FOR 7TH STREET EXTENSION TO HABEN BLVD TOGETHER WITH A PARKING LOT EXPANSION. SOIL DISTURBING ACTIVITIES INCLUDE: CLEARING AND GRUBBING, GRADING, AND CONSTRUCTION OF STORM SEWER.	THE STORM WATER POLLUTION PREVENTION PLAN REFLECTS THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT'S (SWFWMD) REQUIREMENTS FOR STORM WATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL, AS ESTABLISHED BY THE FLORIDA ADMINISTRATIVE CODE, CHAPTER 40D-4 AND 40D-40. TO ENSURE COMPLIANCE, THIS PLAN WAS PREPARED IN ACCORDANCE WITH SWFWMD'S "BASIS OF REVIEW FOR SURFACE WATER MANAGEMENT PERMIT APPLICATIONS WITHIN THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT." THIS PLAN ALSO REFLECTS THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR WORK IN BRANCH 6.	THE SPILL AREAS WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE. SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO	ARDURRA
SEQUENCE OF MAJOR ACTIVITIES:	MAINTENANCE INSPECTION PROCEDURES	CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.	<b>COLLABORATE. INNOVATE. CREATE</b> 2930 University Parkway Sarasota, Florida 34243
<ol> <li>PRIOR TO THE COMMENCEMENT OF CLEARING, GRUBBING, AND DEMOLITION, THE SITE CONTRACTOR SHALL INSTALL ALL EROSION CONTROL DEVICES CALLED FOR ON THE PLANS.</li> </ol>	EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES	THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE OFFICE TRAILER ON-SITE.	Phone: (941) 358-6500 www.Ardurra.com License #2610
2. UPON INSTALLATION OF THE EROSION CONTROL DEVICES, THE SITE CONTRACTOR MAY BEGIN SITE CLEARING, DEMOLITION, EARTHWORK, DRAINAGE, UTILITY AND ROADWAY CONSTRUCTION ACTIVITIES WITHIN THE CONSTRUCTION LIMITS. THE SITE CONTRACTOR SHALL STABILIZE ALL AREAS DISTURBED WITHIN FIVE DAYS OF THE COMPLETION OF GRADING ACTIVITIES OF THE DISTURBED AREA.	THESE ARE THE INSPECTION AND MAINTENANCE PRACTICES THAT SHALL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROL.	NOTICE OF INTENT (NOI) / NOTICE OF TERMINATION (NOT)	License #2010
<ol> <li>THE SITE CONTRACTOR SHALL MAINTAIN THE EXISTING STORMWATER SYSTEM UNTIL THE PROPOSED SYSTEM HAS BEEN RE-ROUTED. ONCE THE PROPOSED SYSTEM IS IN PLACE, THE CONTRACTOR MAY BEGIN THE REMOVAL OF THE EXISTING STORMWATER PIPES AS INDICATED ON THE CONSTRUCTION DOCUMENTS.</li> <li>THE SITE CONTRACTOR SHALL REMOVE ALL EROSION PROTECTION DEVICES WITHIN EACH CONTRIBUTING AREA FOLLOWING PERMANENT STABILIZATION OF ALL DISTURBED AREAS.</li> </ol>	ALL CONTROL MEASURES IN DISTURBED AREAS WILL BE INSPECTED AT LEAST ONCE EACH WEEK AND WITHIN 24 HOURS OF THE END OF ANY STORM EVENT OF 0.25 INCHES OR GREATER BY A CONTRACTORS REPRESENTATIVE. (WHERE SITES HAVE BEEN FINALLY STABILIZED SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH.) ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT. BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE. SILT FENCE WILL BE INSPECTED REGULARLY FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND. THE SEDIMENT BASINS WILL BE INSPECTED FOR DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 10 PERCENT OF THE DESIGN CAPACITY OR AT THE END OF THE JOB. TEMPORARY AND PERMANENT GRASSING, MULCHING AND SODDING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH, A MAINTENANCE INSPECTION REPORT SHALL BE MADE AFTER EACH INSPECTION BY THE CONTRACTOR AND SHALL BE KEPT IN AN	<ul> <li>THIS NOTICE OF INTENT (NOI) FORM IS TO BE COMPLETED AND SUBMITTED TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) BEFORE USE OF THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES PROVIDED IN SUBSECTION 62-621.300(4), F.A.C.</li> <li>A NOTICE OF TERMINATION WILL BE SUBMITTED TO EPA AFTER THE CONSTRUCTION HAS BEEN COMPLETED AND THE SITE HAS UNDERGONE FINAL STABILIZATION.</li> </ul>	INDEVELOPMENT PARTNERS 650 CALIFORNIA ST. 7TH FLOOR
NAME OF RECEIVING WATERS: MANATEE RIVER	ACTIVE LOG READILY AVAILABLE AT THE JOB SITE CONSTRUCTION TRAILER. THE SITE SUPERINTENDENT WILL SELECT INDIVIDUALS WHO WILL BE RESPONSIBLE FOR MAINTENANCE AND REPAIR ACTIVITIES. FILLING OUT THE INSPECTION AND MAINTENANCE REPORT WILL BE BY THE CONTRACTOR. PERSONNEL SELECTED FOR MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE SUPERINTENDENT. THEY WILL BE TRAINED IN ALL MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ON-SITE IN GOOD	POLLUTION PREVENTION PLAN CERTIFICATION	SAN FRANCISCO, CA 9410
CONTROLS		I CERTIFY UNDER PENALTY OF LAW THAT THESE CONSTRUCTION PLANS, THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY	
EROSION AND SEDIMENT CONTROLS	NON-STORM WATER DISCHARGES	DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM, AS SHOWN ON THESE CONSTRUCTION PLANS, DESIGNED TO ASSURE THAT APPROPRIATE POLLUTION PREVENTION MEASURES ARE IMPLEMENTED DURING CONSTRUCTION AND TO ASSURE THAT THE QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE	
STABILIZATION PRACTICES	IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD: WATER FROM FIRE FIGHTING ACTIVITIES, FIRE HYDRANT FLUSHING, WATER LINE FLUSHING, WATER USED TO SPRAY OFF LOOSE SOILS FROM VEHICLES, DUST CONTROL, PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED). ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO DISCHARGE.	SYSTEM, OR THE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION. THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.	
WIND EROSION STABILIZATION: THE CONTRACTOR SHALL DENUDE ONLY AREAS WHERE IT IS EXPECTED TO BE GRADED OR ALTERED WITHIN A TWO (2) WEEK TIME-FRAME. FINAL GRADES SHALL BE PERFORMED AND TEMPORARY OR PERMANENT SOIL STABILIZATION SHALL BE APPLIED. AREAS WHERE CONSTRUCTION OPERATIONS WILL BE CONTINUOUS, FUGITIVE DUST SHALL BE MANAGED BY APPLYING A WATER SPRAY TO SATURATE THE SURFACE SOILS ON A DAILY BASIS, OR AS NEEDED TO MAINTAIN MINIMAL DUST TRANSPORT. FUGITIVE DUST SHALL BE MONITORED CONTINUOUSLY AND ADDITIONAL MEASURES MAY NEED TO BE TAKEN TO CONTROL OFF-SITE TRANSPORT OF UNACCEPTABLE LEVELS OF DUST.	GROUNDWATER DEWATERING ACTIVITIES ARE NOT COVERED BY THIS PERMIT. THE CONTRACTOR MUST APPLY FOR COVERAGE UNDER THE GENERIC PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY NON-CONTAMINATED SITE ACTIVITY PURSUANT TO 62-621.300 (2), F.A.C.	OWNER:	
TEMPORARY STABILIZATION: TOP OF SOIL STOCK PILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 21 DAYS WILL BE STABILIZED WITH TEMPORARY GRASS AND MULCH NO LATER THAN 5 DAYS FROM THE LAST CONSTRUCTION ACTIVITY CEASES OF SETENCIAN A MUST UP OF 20 DAPTS OF SETENCIAN A DAVID. THE STABILIZED WITH TEMPORARY GRASS AND MULCH NO LATER THAN 5 DAYS FROM THE LAST CONSTRUCTION ACTIVITY CEASES OF SETENCIAN A DAVID. THE STABILIZED WITH TEMPORARY GRASS AND MULCH NO LATER THAN 5 DAYS FROM THE LAST CONSTRUCTION ACTIVITY.	INVENTORY FOR POLLUTION PREVENTION PLAN	MANATEE COUNTY	
ACTIVITY. GRASS SEED SHALL BE A MIXTURE OF 20 PARTS OF BERMUDA SEED AND 80 PARTS OF PENSACOLA BAHIA. THE SEPARATE TYPES OF SEED USED SHALL BE THOROUGHLY DRY MIXED IMMEDIATELY BEFORE SOWING. SEED WHICH HAS BECOME WET SHALL NOT BE USED. THE MULCH MATERIAL USED SHALL NORMALLY BE DRY MULCH. DRY MULCH SHALL BE STRAW OR HAY, CONSISTING OF OAT, RYE OR WHEAT STRAW, OR OF PANGOLA, PEANUT, COASTAL BERMUDA OR BAHIA GRASS HAY. ONLY UNDETERIORATED MULCH WHICH CAN BE READILY CUT INTO THE SOIL SHALL BE USED. AREAS OF THE SITE WHICH ARE TO BE PAVED WILL BE TEMPORARILY STABILIZED BY APPLYING STABILIZATION AND BASE.	THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED, BUT NOT LIMITED, TO BE PRESENT ON-SITE DURING CONSTRUCTION: CONCRETE DETERGENTS	SIGNED: NAME AND TITLE:	
PERMANENT STABILIZATION: DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASES SHALL BE STABILIZED WITH SOD NO LATER THAN 5 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY.	PAINTS (ENAMEL AND LATEX) METAL STUDS GLASS TAR	COMPANY:	
STRUCTURAL PRACTICES	SAND FERTILIZERS PETROLEUM BASED PRODUCTS AND FUELS CLEANING SOLVENTS	ADDRESS: 1022 26TH AVENUE EAST, BRADENTON FLORIDA 34208	
STAKED SILT FENCES: THE STAKED SILT FENCES WILL BE CONSTRUCTED ALONG THE PERIMETER AS PREVIOUSLY EXPLAINED. THESE DEVICES WILL STOP AND DIVERT RUNOFF TO THE SEDIMENT BASINS.	WOOD MASONRY BLOCK ROOFING SHINGLES STONE		
<u>SEDIMENT BASINS</u> : THE STORM WATER MANAGEMENT AREAS WILL ACT AS SEDIMENT BASINS DURING CONSTRUCTION. THE SEDIMENT BASINS WILL BE CONSTRUCTED TO THE DESIGN CROSS-SECTION, OR A MINIMUM OF 2' BELOW EXISTING GROUND AT THE CONTRACTORS DISCRETION TO ALLOW SILTS TO BE COLLECTED AND REMOVED PRIOR TO COMPLETION OF THE GRADING.	SPILL PREVENTION	DATE:	<u> </u>
	MATERIAL MANAGEMENT PRACTICES		ABOL PLAN
STORM WATER MANAGEMENT	THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL		ON P ON P
STORM WATER DRAINAGE WILL BE PROVIDED BY A CURB, SWALE, STORM SEWER, OR CATCH BASIN SYSTEM FOR THE DEVELOPED AREAS. SWALES TO BE SODDED AND INCLUDE CHECK DAMS AND RIPRAP TO CONTROL RUNOFF VELOCITY AND TRANSPORT OF SEDIMENT. WHEN CONSTRUCTION IS COMPLETE THE IMPROVED PORTION OF THE SITE WILL DRAIN TO STORM WATER PONDS. THE PONDS WILL BE IN THE LOCATION OF THE TEMPORARY SEDIMENT BASINS. WHEN UPSLOPE AREAS ARE STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT BASINS. THE PONDS HAVE BEEN DESIGNED BY A PROFESSIONAL ENGINEER TO LIMIT PEAK FLOW RATES FROM THE DESIGN STORM EVENT AT OR BELOW	EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF. GOOD HOUSEKEEPING: THE FOLLOWING GOOD HOUSEKEEPING PRACTICES SHALL BE FOLLOWED ON-SITE DURING THE CONSTRUCTION PROJECT.		& ROUN RUCTIC
PRE-DEVELOPMENT RATES, AND CONSTRUCTION PER DETAILS SHOWN IN THE PLANS IS IMPERATIVE.	AN EFFORT SHALL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB. ALL MATERIALS STORED ON-SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER CONTAINED ENCLOSURE. PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL MANUFACTURER'S LABELED CONTAINERS. SUBSTANCES SHALL NOT BE MIXED WITH ONE ANOTHER UNLESS	CONTRACTOR'S CERTIFICATION	SION & ONSTE DILUTIO
OTHER CONTROLS	RECOMMENDED BY THE MANUFACTURER. WHENEVER POSSIBLE, ALL OF A PRODUCT SHALL BE USED UP BEFORE DISPOSING OF THE CONTAINER. MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL SHALL BE FOLLOWED. THE SITE SUPERINTENDENT SHALL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ON-SITE.	I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERIC STORM WATER PERMIT ISSUED PURSUANT	PLA
WASTE DISPOSAL	HAZARDOUS PRODUCTS: THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.	TO SECTION 403.0885, F.S., THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.	AN/C
WASTE MATERIALS: ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN DUMPSTERS PER LOCAL AGENCIES REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTERS. THE DUMPSTERS WILL BE EMPTIED A MINIMUM OF ONCE A WEEK OR MORE OFTEN IF NECESSARY, AND THE TRASH WILL BE HAULED TO A REGISTERED LANDFILL FOR DISPOSAL. NO CONSTRUCTION MATERIALS WILL BE BURIED ON-SITE. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED IN THE ON-SITE OFFICE TRAILER AND THE CONSTRUCTION MANGER RESPONSIBLE FOR THE DAY-TO-DAY SITE	PRODUCTS SHALL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHALL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS' OR LOCAL AND STATE RECOMMENDED METHODS OF PROPER DISPOSAL SHALL BE FOLLOWED. THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ON-SITE:	SIGNATURE     FOR     RESPONSIBLE FOR       COMPANY:     COMPANY:	REET E) SITE PL
OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED. HAZARDOUS WASTE: ALL HAZARDOUS WASTE MATERIALS, IF ENCOUNTERED, WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE	PETROLEUM PRODUCTS:	COMPANY:     COMPANY:       NAME:     NAME:       GENERAL CONTRACTOR	AL AL
REGULATIONS. THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. SANITARY WASTE: ALL SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS A MINIMUM OF THREE TIMES PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR, AS REQUIRED BY LOCAL REGULATION.	ALL ON-SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ON-SITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. FERTILIZERS:	TITLE:     TITLE:       DATE:     DATE:	
OFFSITE VEHICLE TRACKING	FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.	COMPANY:     COMPANY:       NAME:     NAME:	
STABILIZED CONSTRUCTION ENTRANCES SHALL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREETS WILL BE CLEANED AS NEEDED TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM OR TO THE SITE WILL BE COVERED WITH A TARPAULIN AT ALL TIMES.	PAINTS: ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.	TITLE:     TITLE:       DATE:     DATE:	
	CONCRETE TRUCKS: CONTRACTOR SHALL DESIGNATE AN AREA FOR DISCHARGE OF SURPLUS CONCRETE OR DRUM WASH WATER AND SHALL INSTALL A CONTAINMENT BERM AROUND THIS AREA TO PREVENT RUNGEE TO THE REMAINDER OF THE SITE. HARD DEBRIS SHALL BE DISPOSED OF BY CONTRACTOR UPON	COMPANY: COMPANY:	
	BERM AROUND THIS AREA TO PREVENT RUNOFF TO THE REMAINDER OF THE SITE. HARD DEBRIS SHALL BE DISPOSED OF BY CONTRACTOR UPON COMPLETION OF THE PROJECT.	NAME:     STABILIZED CONSTRUCTION ENTRANCE, EARTH       TITLE:     TITLE:	JOB NO: 00071-2019-518 DATE: 12/20/201
		DATE: DATE:	
			C1.51
1 2 3 4	5 6 7 8	9 10 11 12	BID SET SEPTEMBER 1, 2021

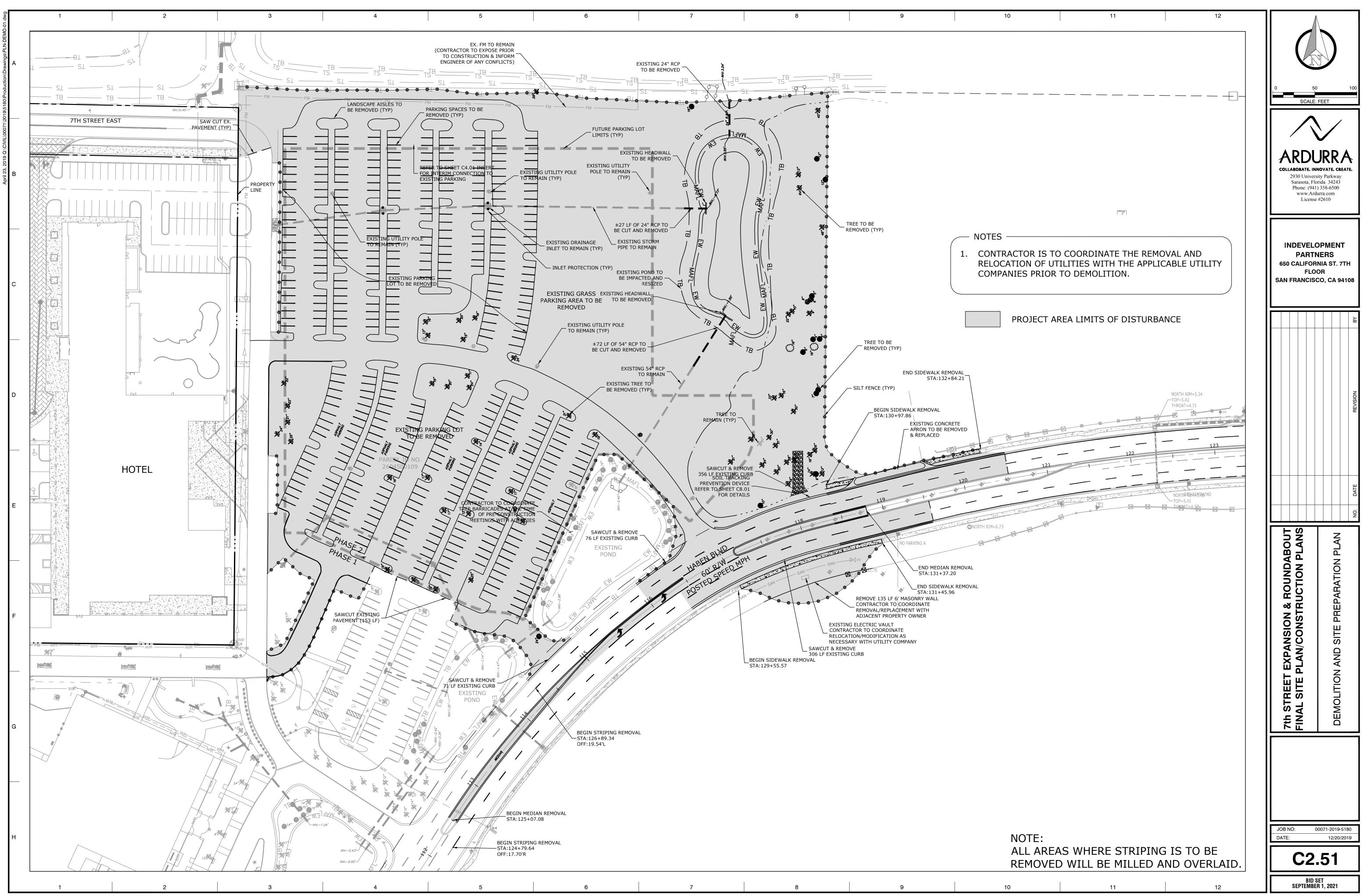
6	7	8	9	10	11	12

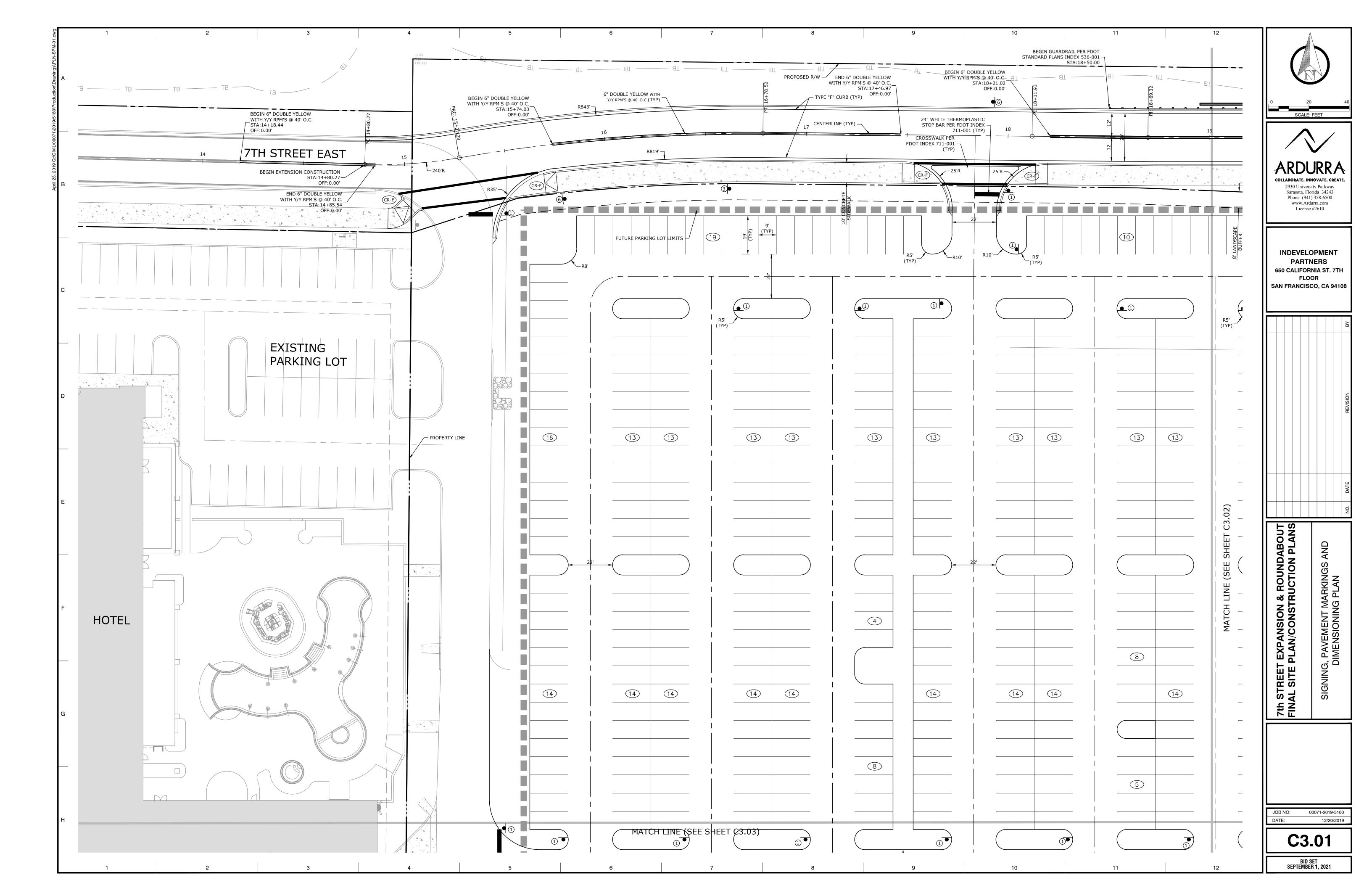


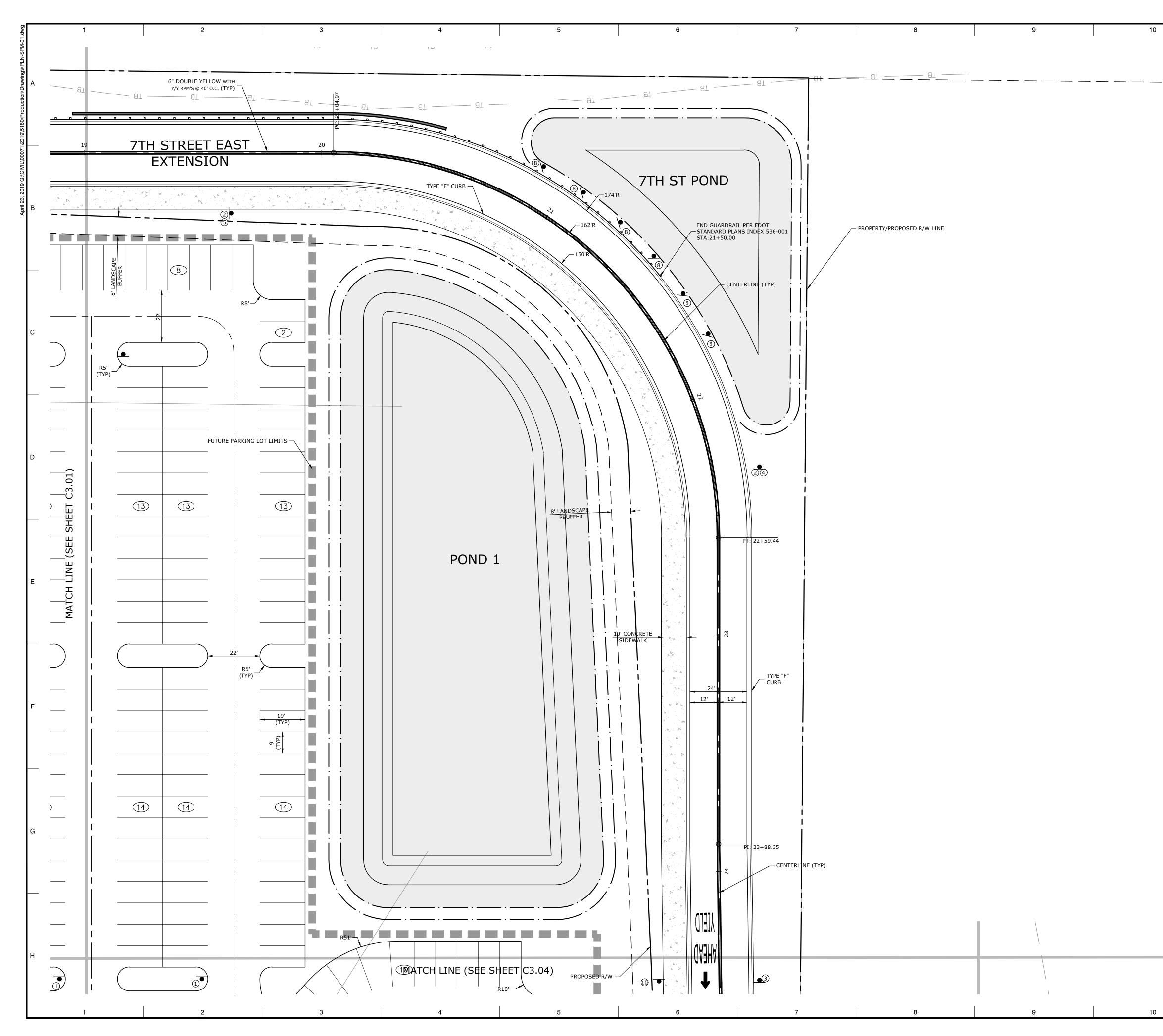


	CURVE TABLE											
CURVE	RADIUS	LENGTH	CHORD DIRECTION	DELTA	CHORD LENGTH	TANGENT						
C1	240.00'	47.01'	N85° 47' 56"E	11 <b>°</b> 13'22"	46.94'	23.58'						
C2	831.00'	151.24'	N85° 24' 04"E	10°25'40"	151.03'	75.83'						
C3	162.00'	254.47'	S45°00'00"E	90°00'00"	229.10'	162.00'						
C4	918.35'	176.34'	S84° 12' 46"E	11 <b>°</b> 00'06"	176.07'	88.44'						
C5	460.00'	545.94'	N67°00'37"E	67 <b>°</b> 59'58"	514.45'	310.27'						
C6	1000.07'	383.70'	N44°01'39"E	21 <b>°</b> 58'58"	381.35'	194.24'						
C7	500.00'	167.05 <b>'</b>	N64° 32' 52"E	19°08'31"	166.27'	84.31'						
C8	2148.95'	547.44'	N83° 13' 01"E	14 <b>°</b> 35'45"	545.96'	275.21'						

SCALE: FEET ARDURRA COLLABORATE. INNOVATE. CREATE. 2930 University Parkway Sarasota, Florida 34243 Phone: (941) 358-6500 www.Ardurra.com License #2610 INDEVELOPMENT PARTNERS 650 CALIFORNIA ST. 7TH FLOOR SAN FRANCISCO, CA 94108 7th STREET EXPANSION & ROUNDABOUT FINAL SITE PLAN/CONSTRUCTION PLANS PLAN SITE OVERALL 00071-2019-5180 JOB NO: 12/20/2019 DATE: **C2.00** BID SET September 1, 2021

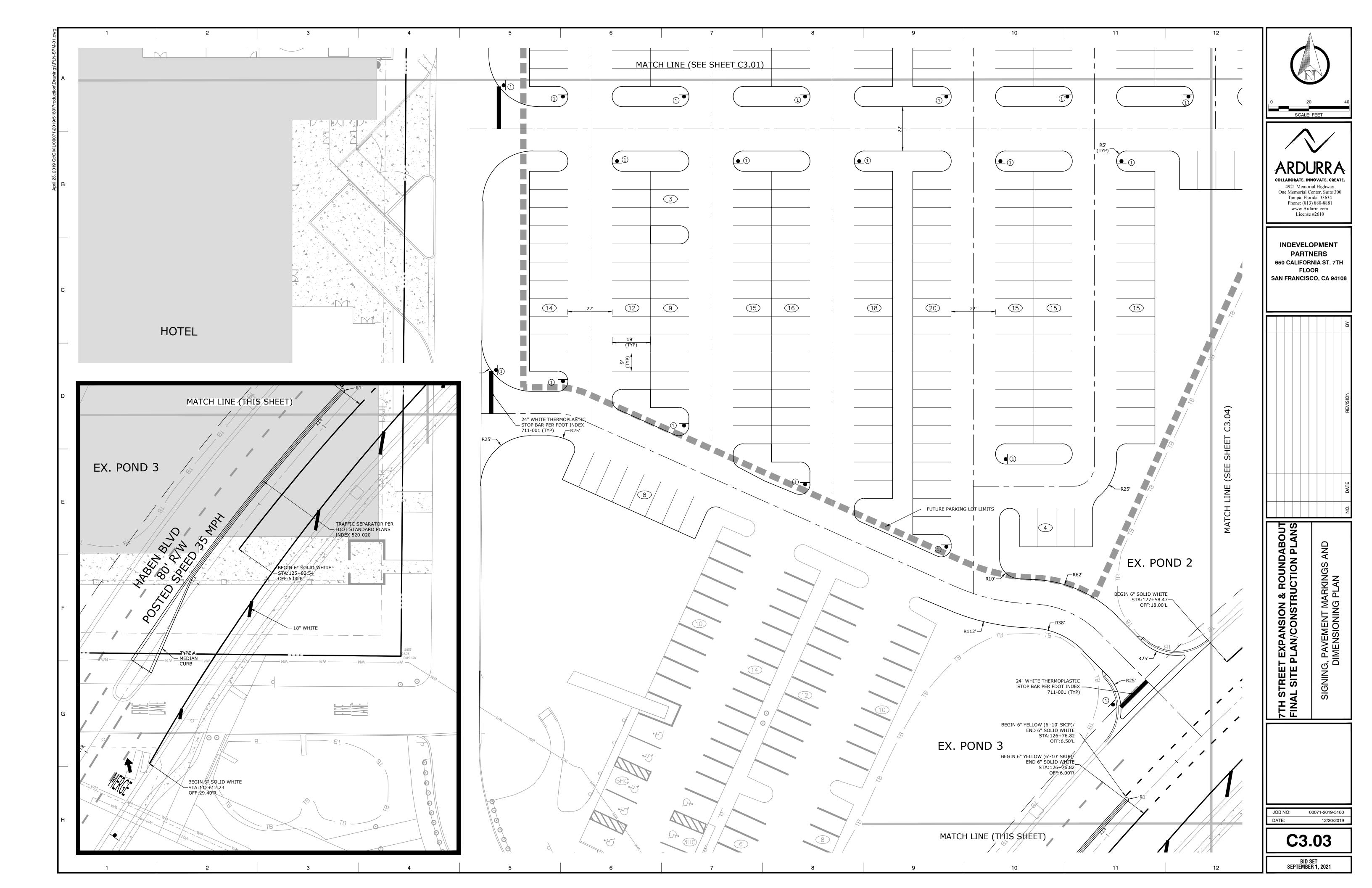


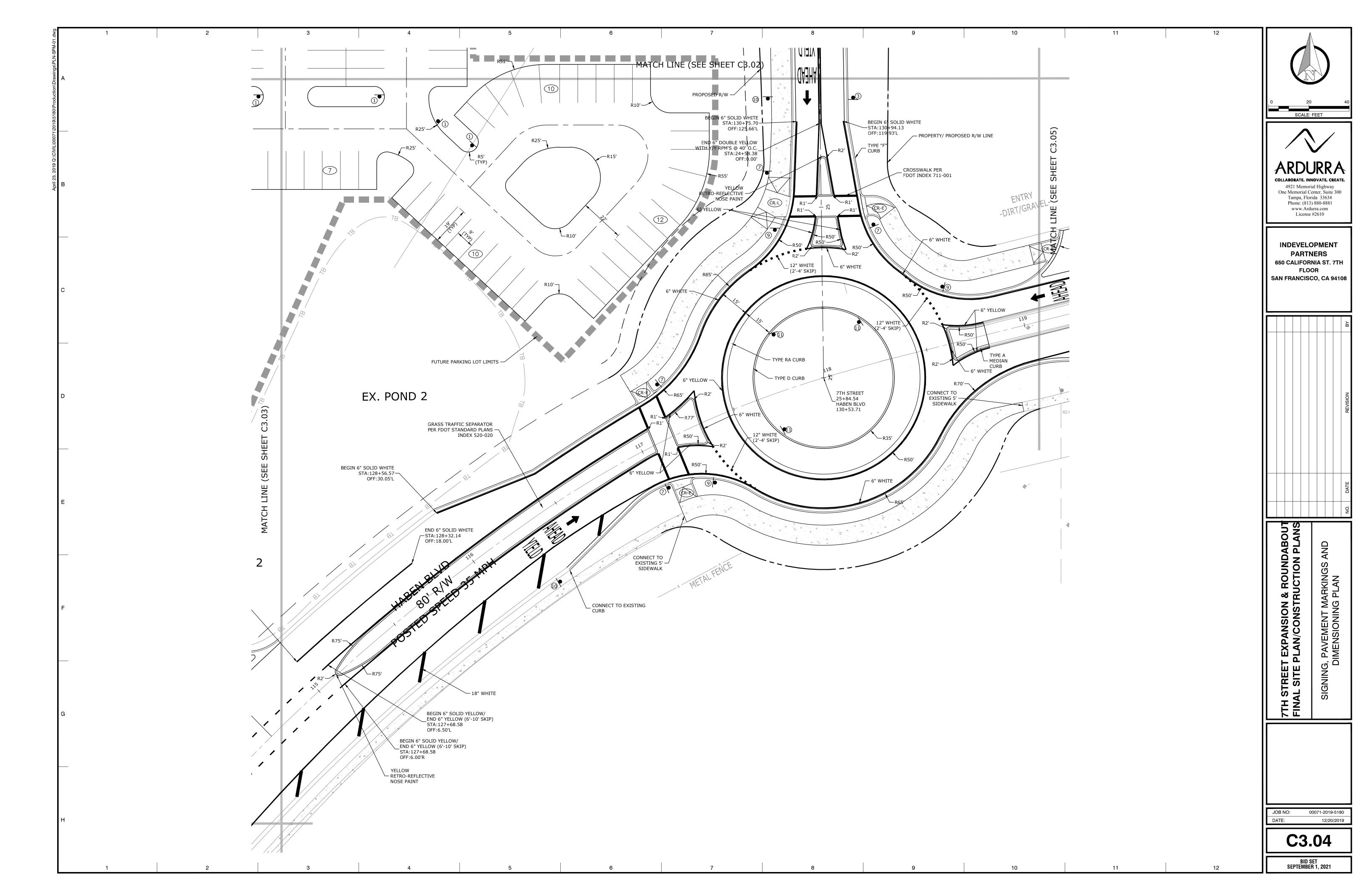


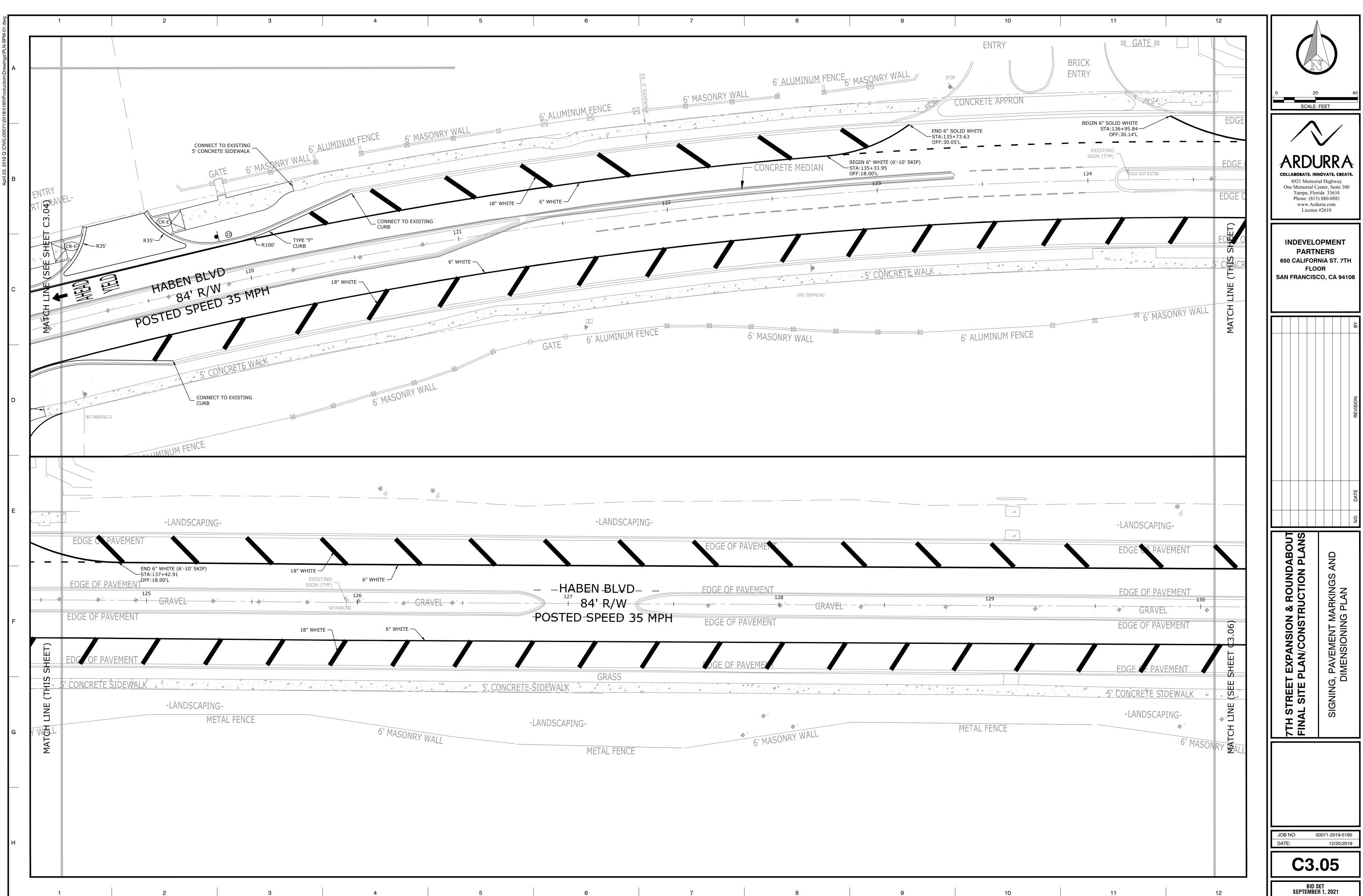


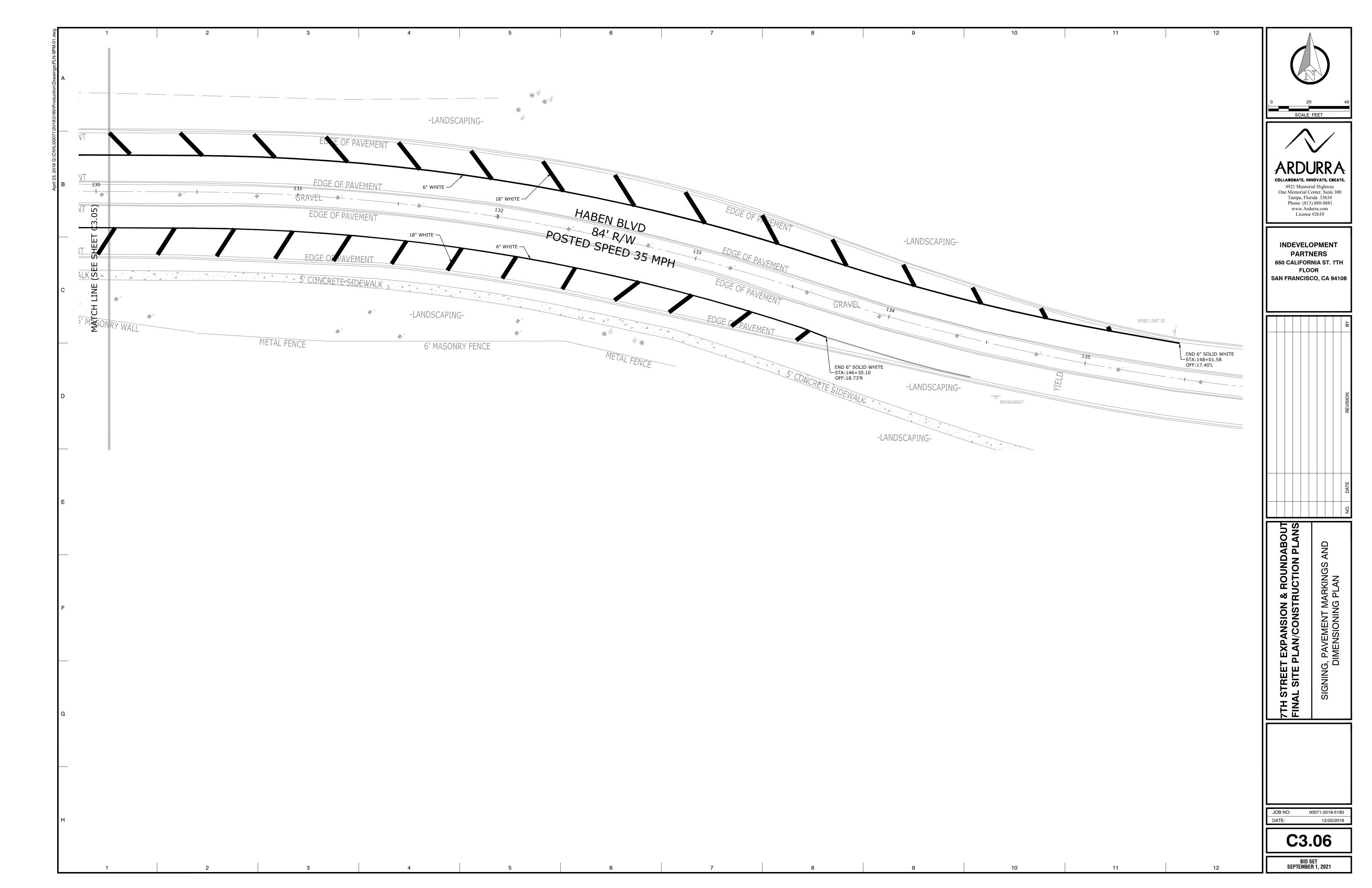
								)		
	0			SC	2 ALE		FT			40
	COLLABORATE. INNOVATE. CREATE. 2930 University Parkway Sarasota, Florida 34243 Phone: (941) 358-6500 www.Ardurra.com License #2610									
	INDEVELOPMENT PARTNERS 650 CALIFORNIA ST. 7TH FLOOR SAN FRANCISCO, CA 94108									
										ВΥ
										REVISION
										. DATE
ļĻ				ທ ທ						NO.
	7th STREET EXPANSION & ROUNDABOUT FINAL SITE PLAN/CONSTRUCTION PLANS								DIMENSIONING PLAN	
						-				
ļ		DB N ATE:	10:			000			-518 /201	
			(		3	.(	);	2		
			SE		BID Mbi			)21		

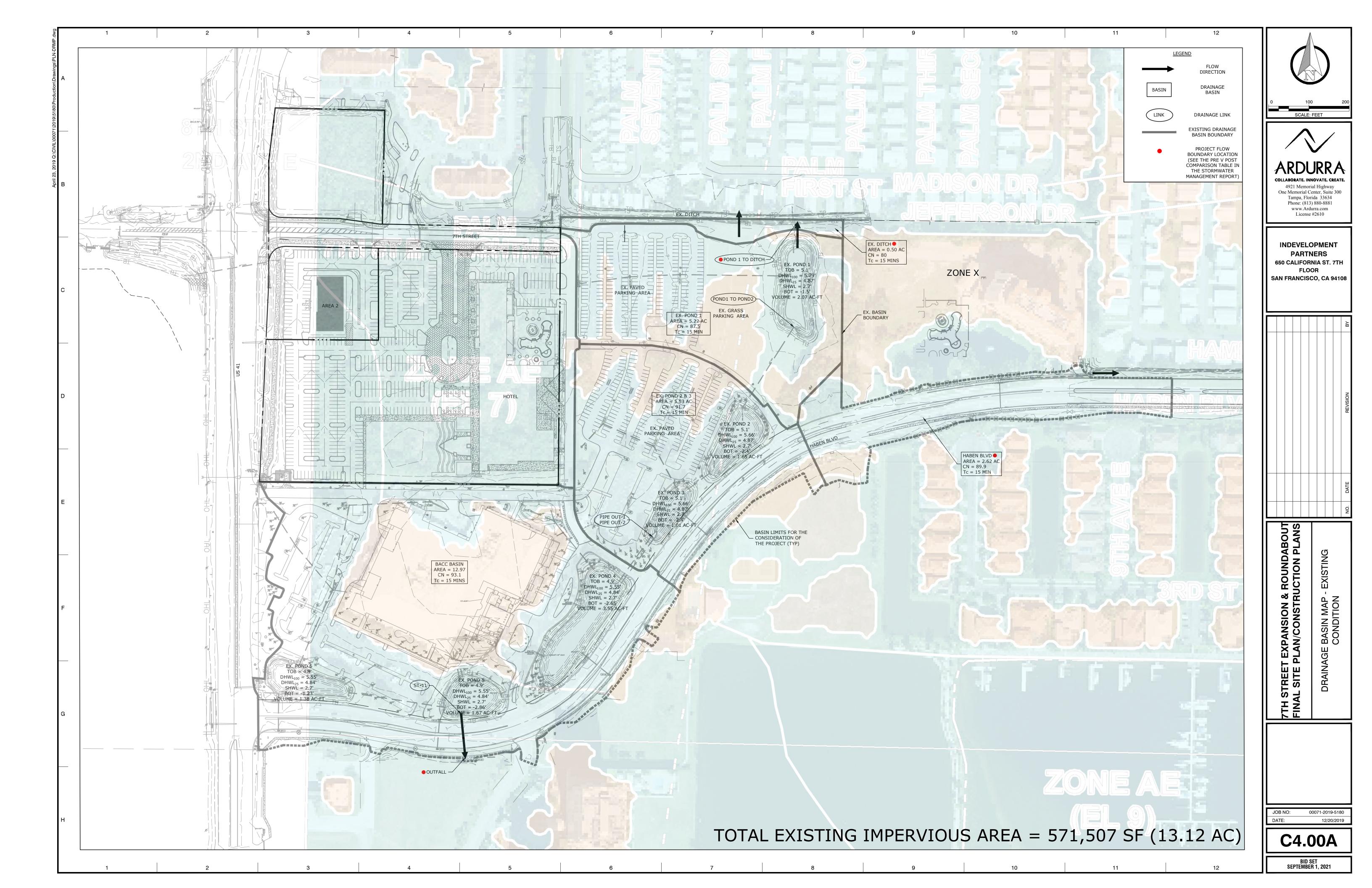
## MATCH LINE (SEE SHEET C3.05)

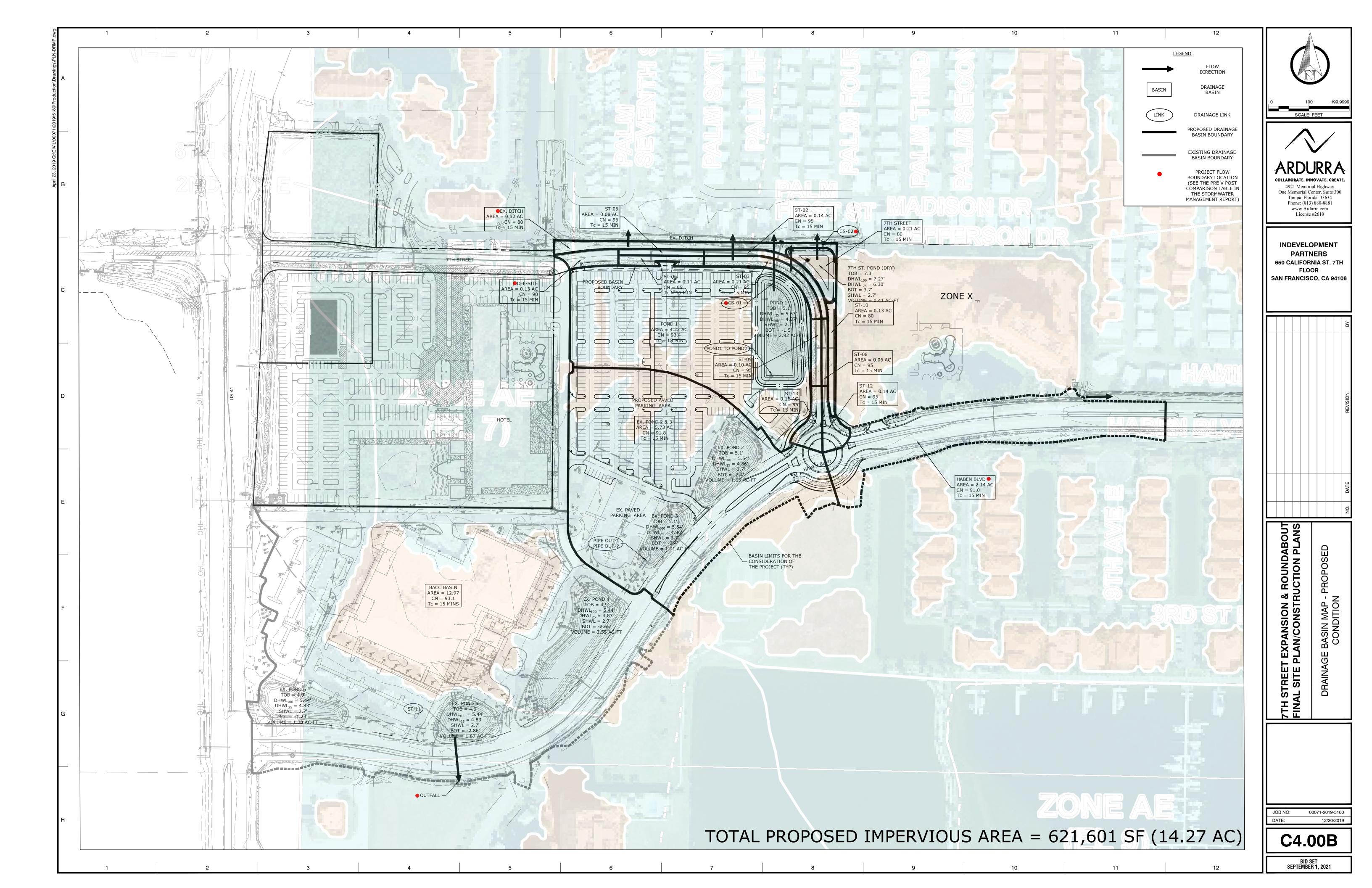


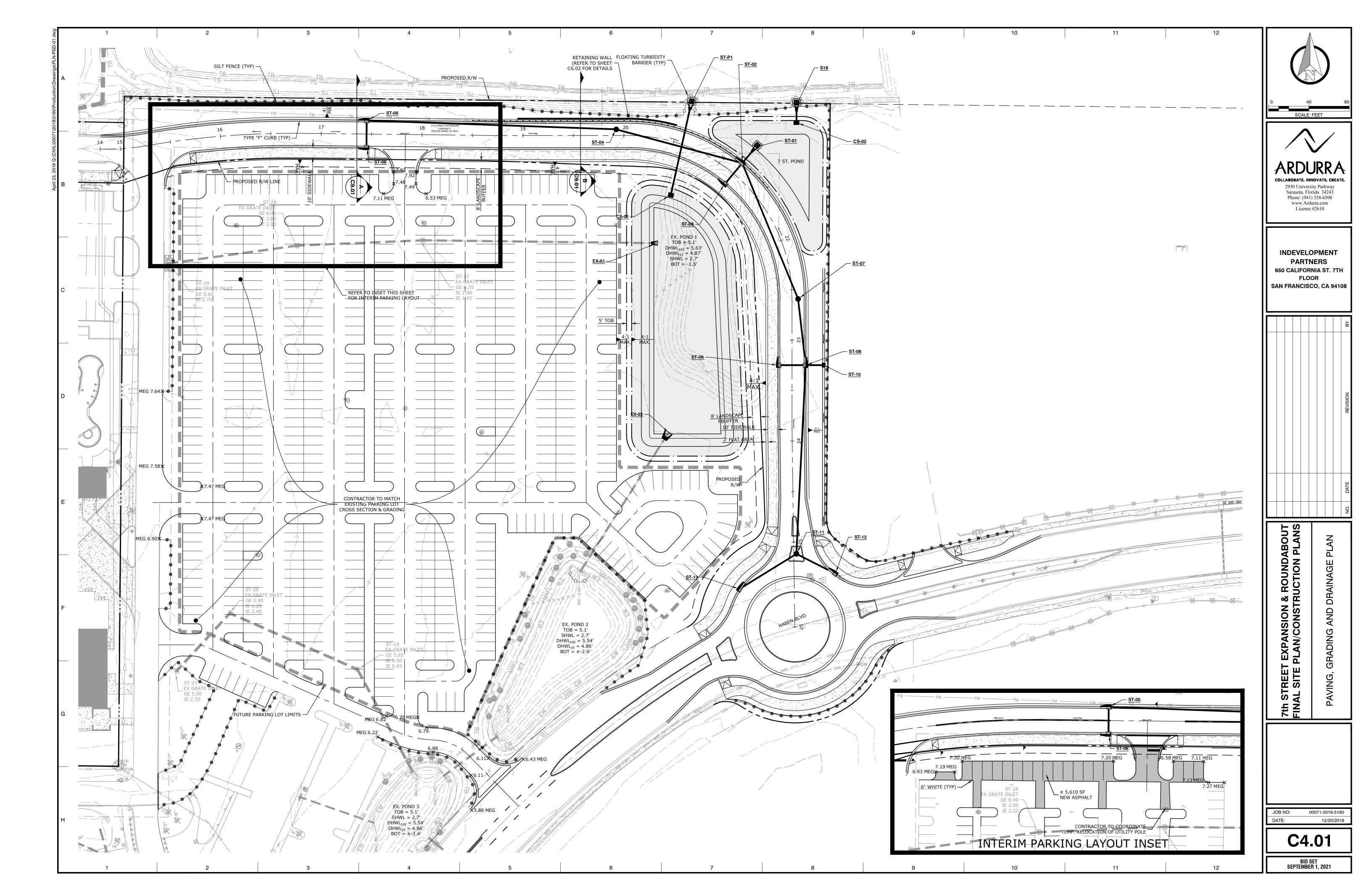


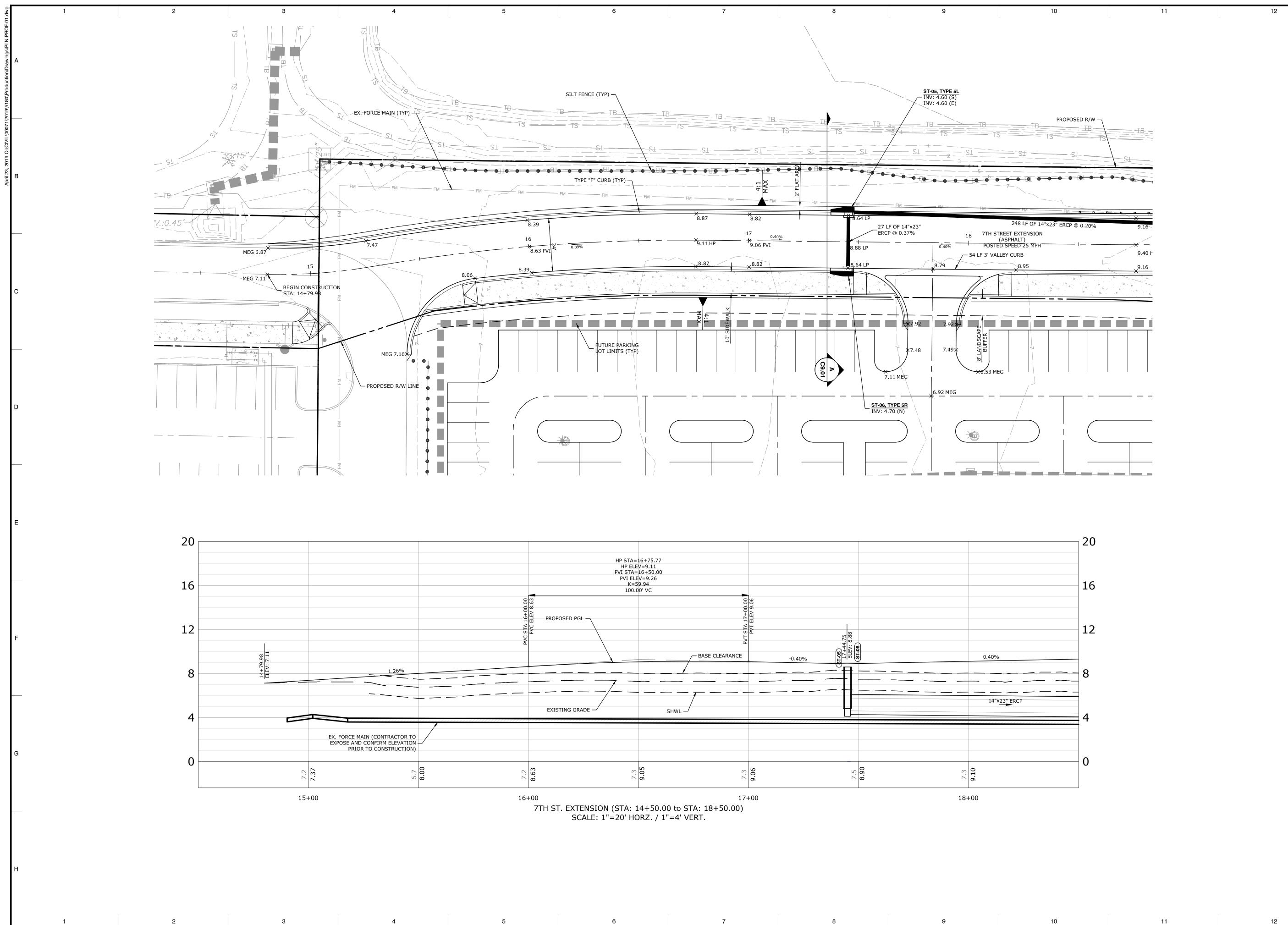




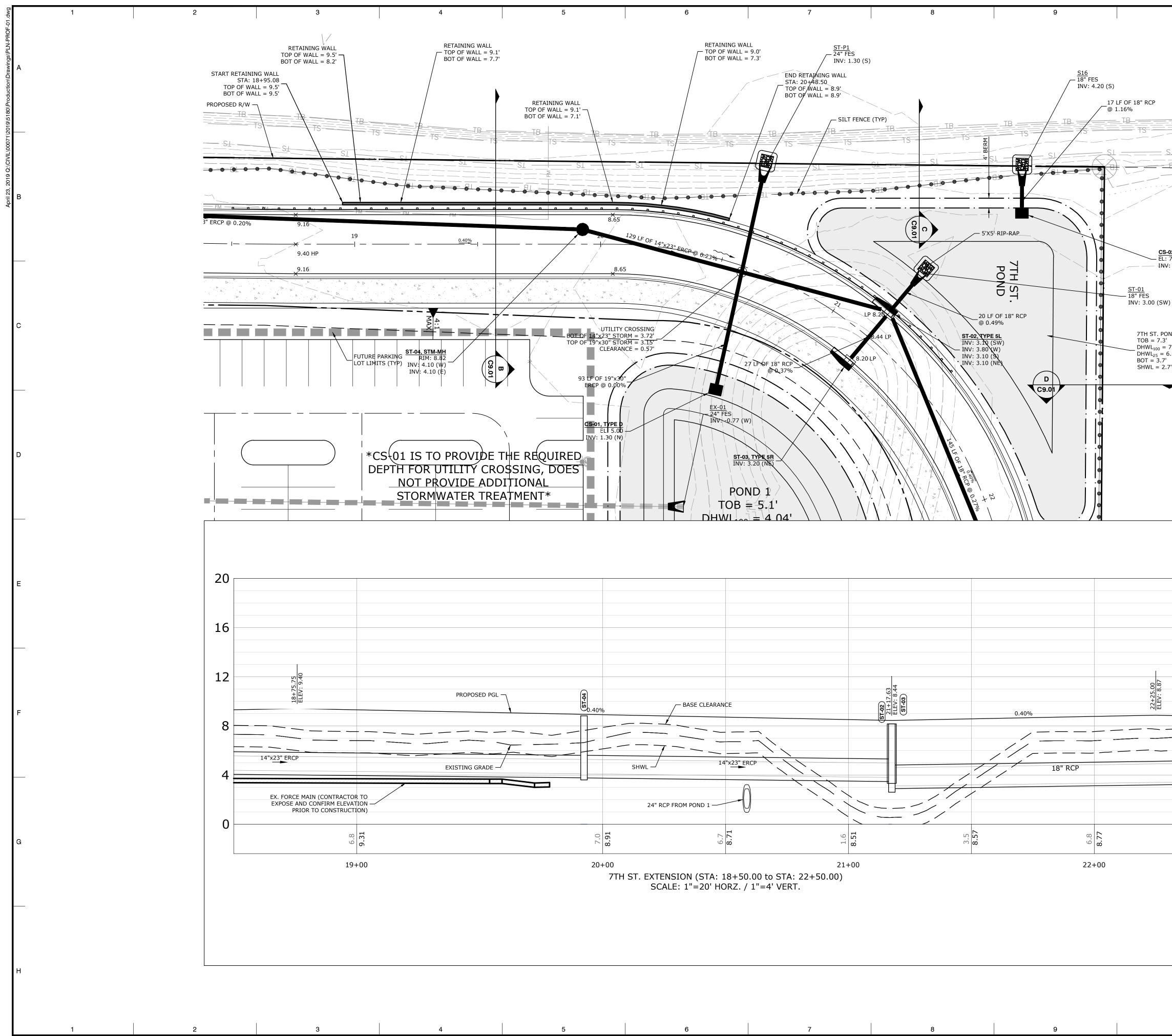




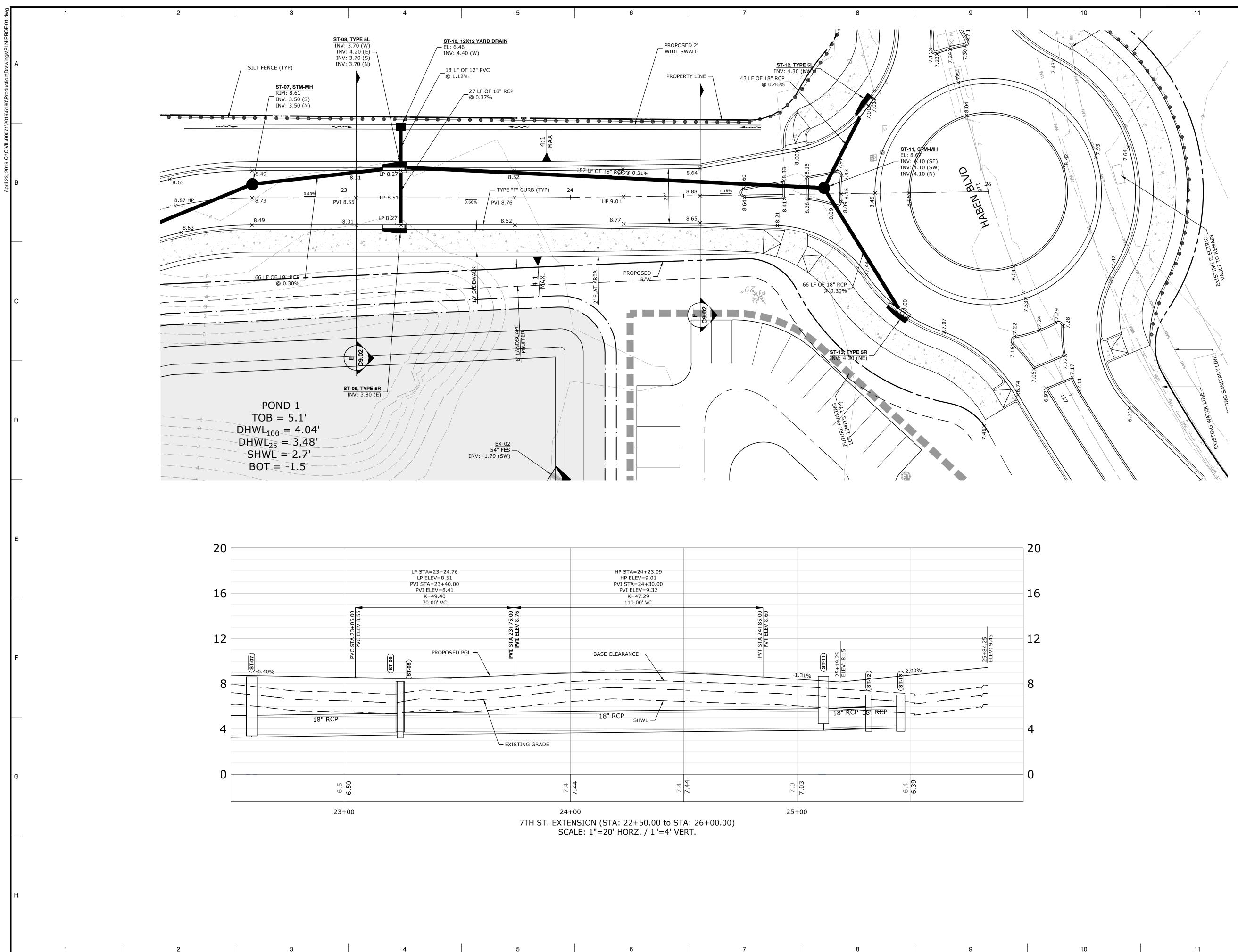


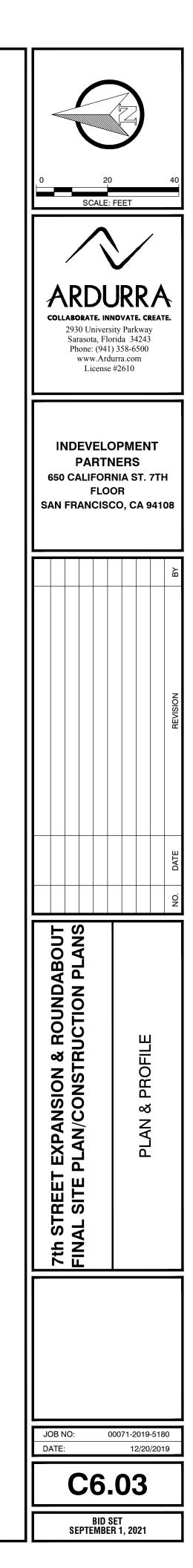


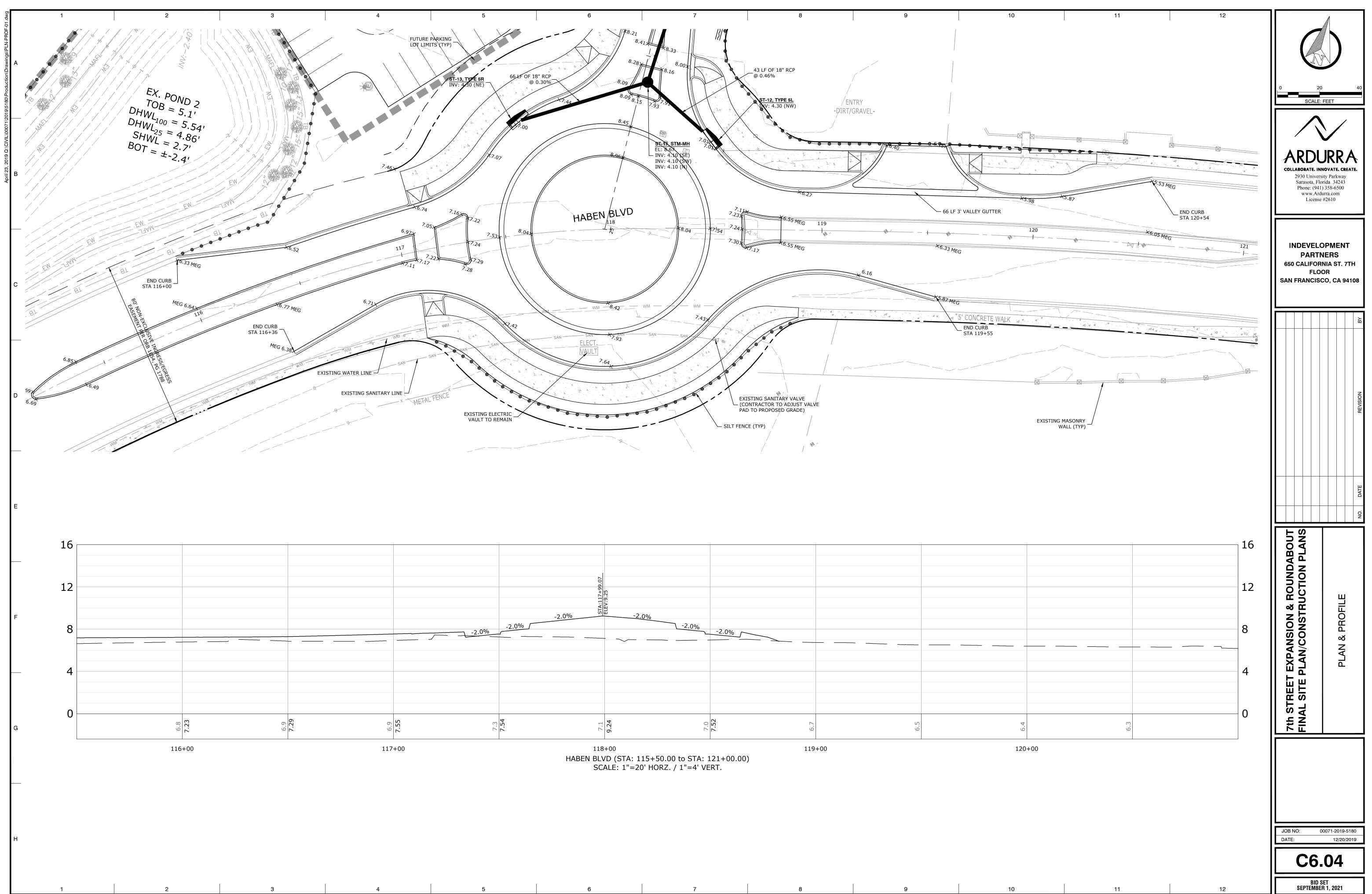
0			2	0		)		40	
		SC	ALE	: FE	ET				
~	COLLABORATE. INNOVATE. CREATE. 2930 University Parkway Sarasota, Florida 34243 Phone: (941) 358-6500 www.Ardurra.com License #2610								
65	IND F 50 CA N FR	PAI ALIF F	RT FOF	NE RNI DOF	RS AS	S бт. 1	7TH		
								ВΥ	
								REVISION	
								DATE	
								NO.	
	7th STREET EXPANSION & ROUNDABOUT			PLAN & PROFILE					
					_		-		
JOE DAT	B NO: E:			000			-518 /201		
	(					1			
	SE	PTE	BID MBI	SET ER 1	, 20	21			

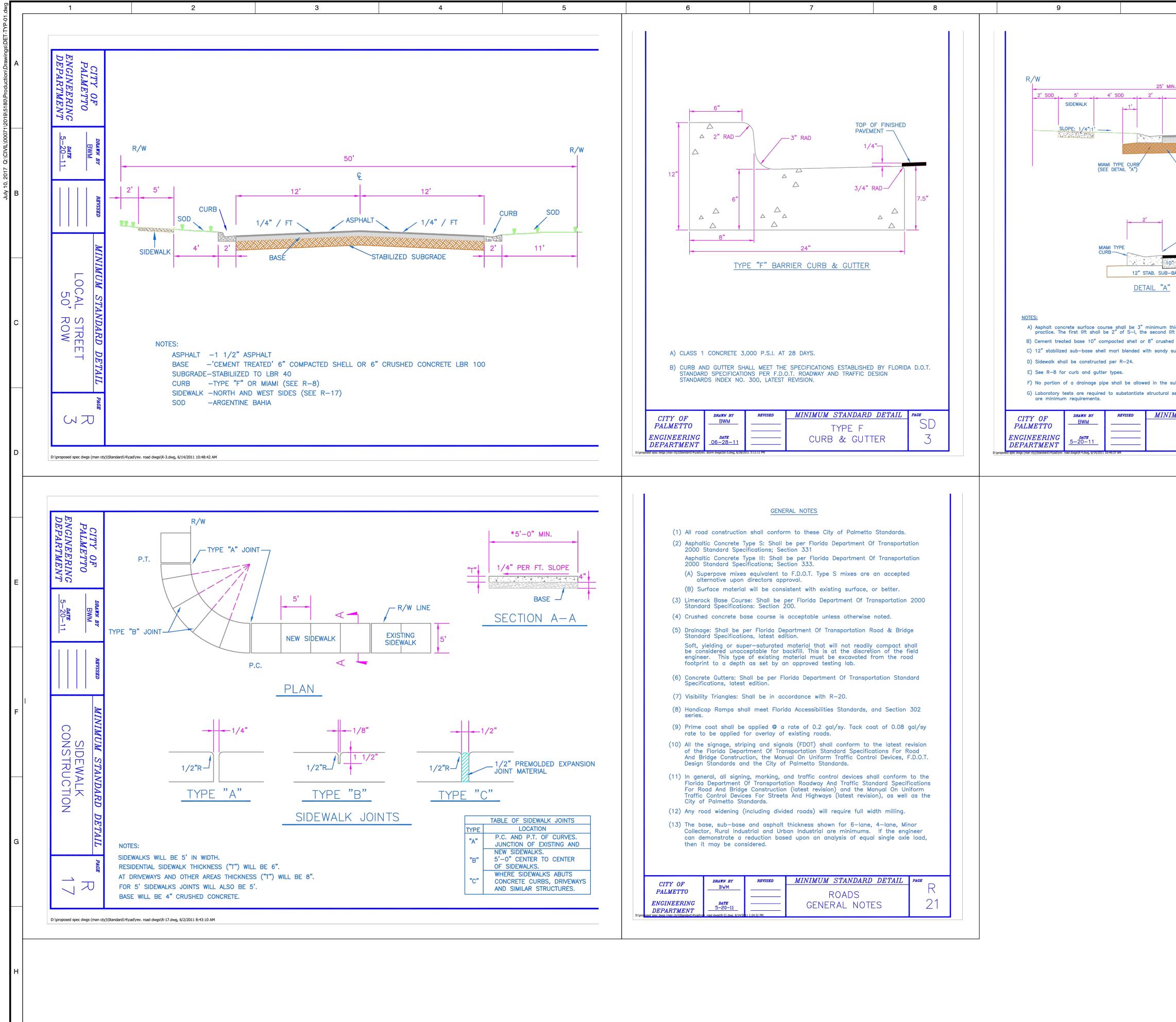


10		11	12	A	\					
				SCALE:	FEET					
SI										
£				ARDU						
				COLLABORATE. INN 4921 Memoria	IOVATE. CREATE.					
				One Memorial Ce Tampa, Flori Phone: (813)	enter, Suite 300 ida 33634					
				www.Ardu License	irra.com					
-02, TYPE D 7.30 /: 4.40 (N)────										
				INDEVELC PARTN 650 CALIFORI	IERS					
()				SAN FRANCISC	DR					
ND										
7.27' 6.30'										
7'					B					
-										
					REVISION					
					DATE					
	20									
					O N					
	16			30UT -ANS						
				IDAE N PL						
	12									
				& R RUC	ILE.					
	8			ION	PLAN & PROFILE					
				ANS /CO	N & L					
				EXP	PLA					
	4			LE P						
				STRI L SI						
	- 0			7TH STREET EXPANSION & ROUNDABO FINAL SITE PLAN/CONSTRUCTION PLAN						
					0071 0010 5155					
				JOB NO: 00 DATE:	0071-2019-5180 12/20/2019					
				C6.	02					
10		11	12	BID S September	ET ? 1, 2021					



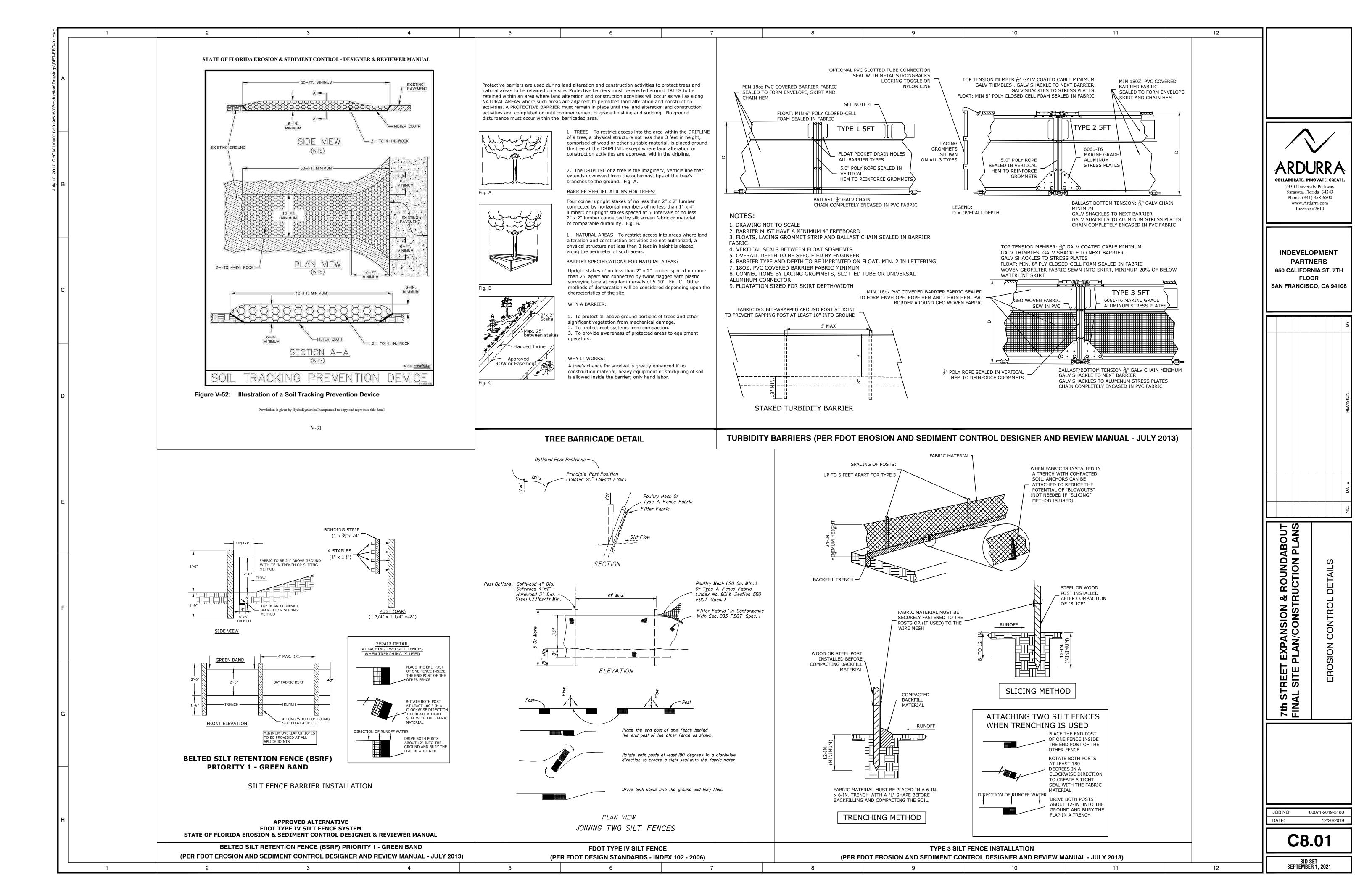


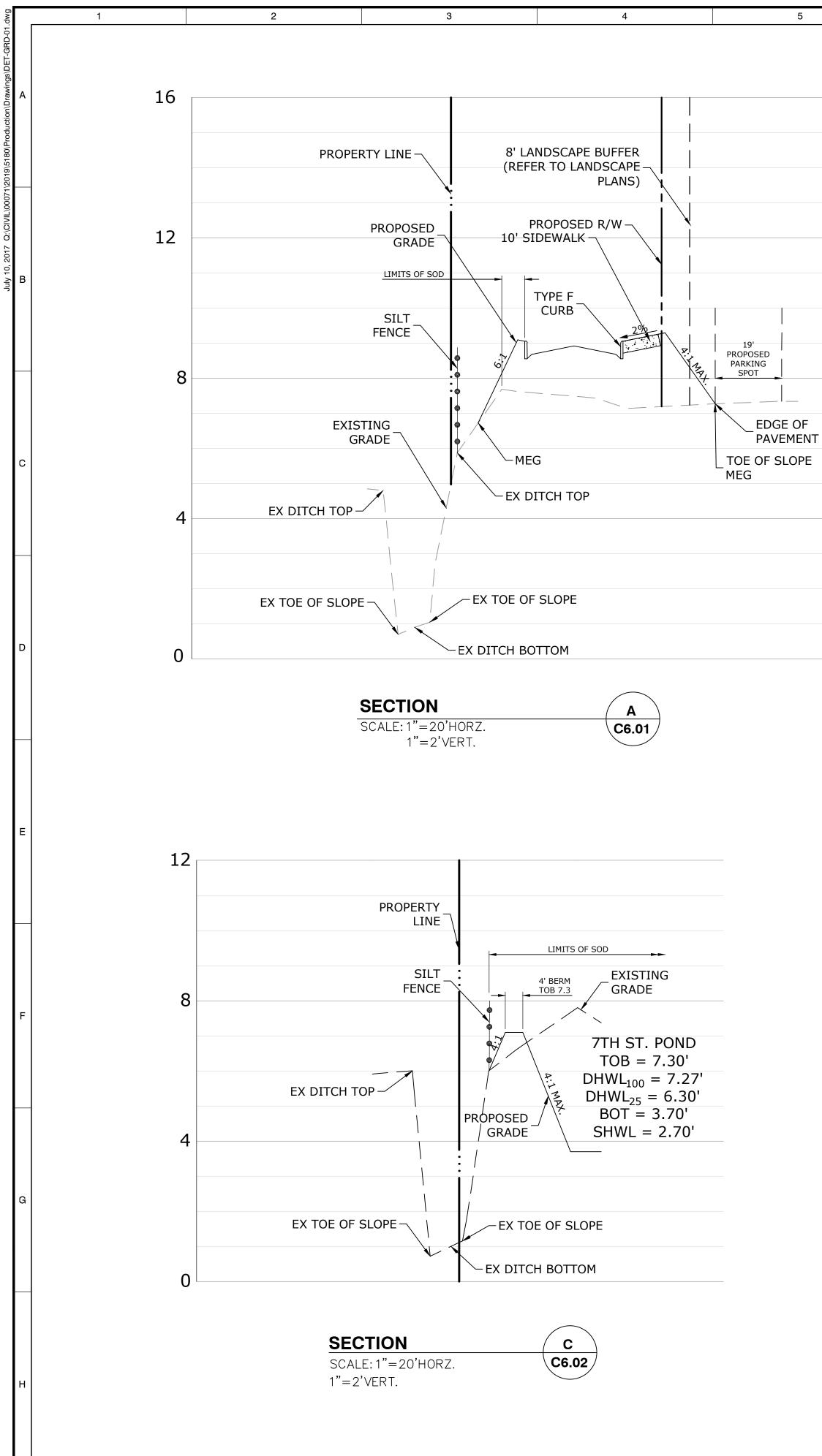


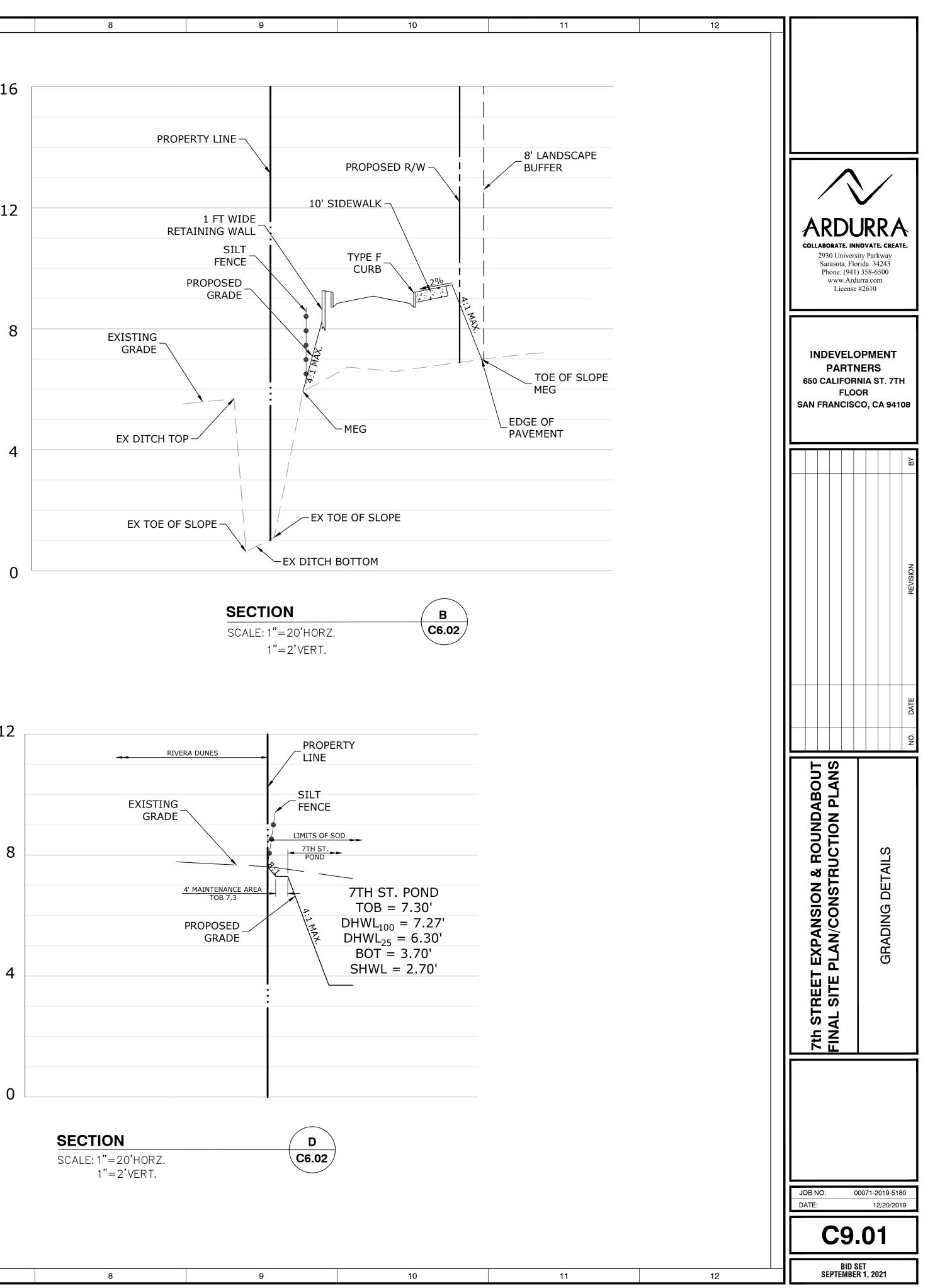


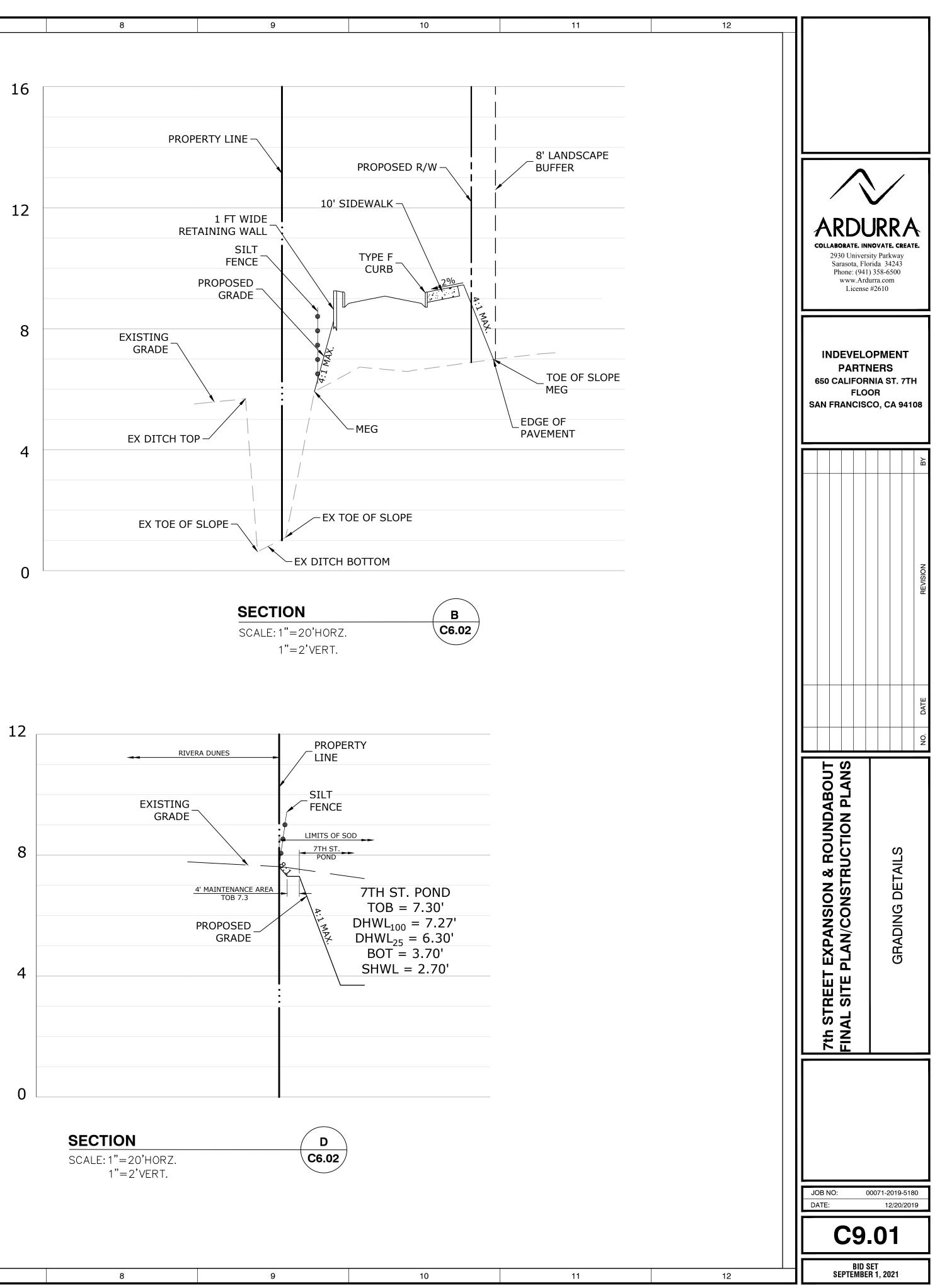
10		11		12						
N. 12' SURFACE CO										
12" STAB. SUB-BASE SYMM ABOU (EXCE	BASE- ETRICAL- T CENTERLINE PT SIDEWALK)					OLLAI 29 S	BORATE. 930 Univ arasota, Phone: (9 www.4	INNOV ersity l Florida 941) 35	34243 8-6500 .com	
SURFACE COURSE OVER TOP OF CL WITH PRIME COAT [SEE R-23A (14 BASE BASE hickness. Two lifts of asphalt ft shall be 1" of S-III.						50 C	PAR ALIFC	TNE DRNI# .OOR	ST. 7	
d concrete LBR 100. sub-grade minimum LBR 40,										
										B
sub-base. section design. Specifications <u>MUM STANDARD D</u> URBAN INDUSTRIAL										
										REVISION
										DATE
										Ö N
					7th STREET EXPANSION &	ROUNDABOUT	FINAL SITE PLAN/CONSTRUCTION	PLANS	TYPICAL SECTIONS	
						B NO TE:	:	0007	1-2019-51 12/20/20	
							<b>C</b> 7	7.(	)1	

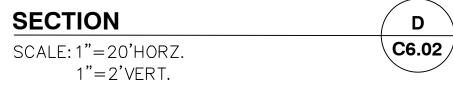
BID SET SEPTEMBER 1, 2021

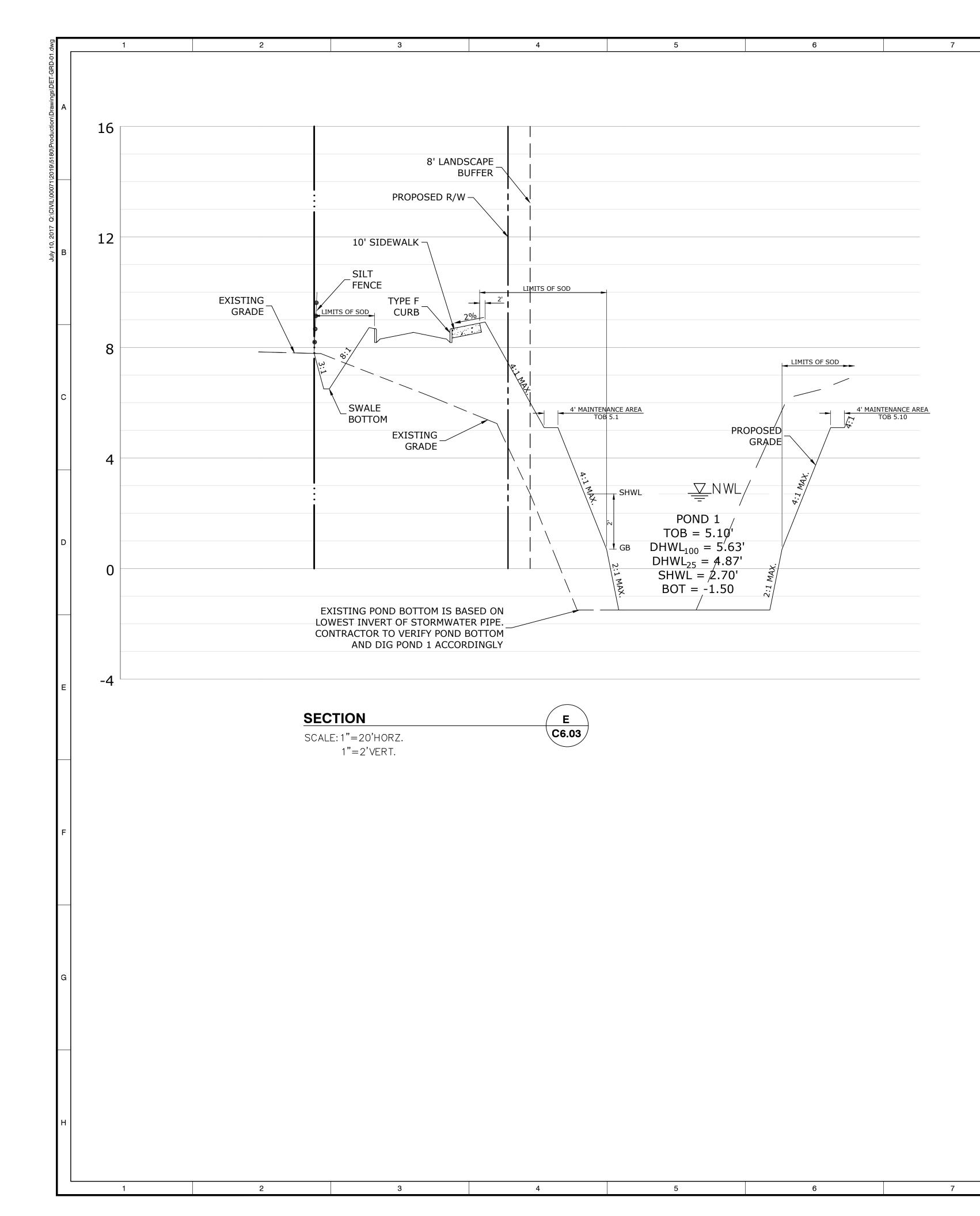


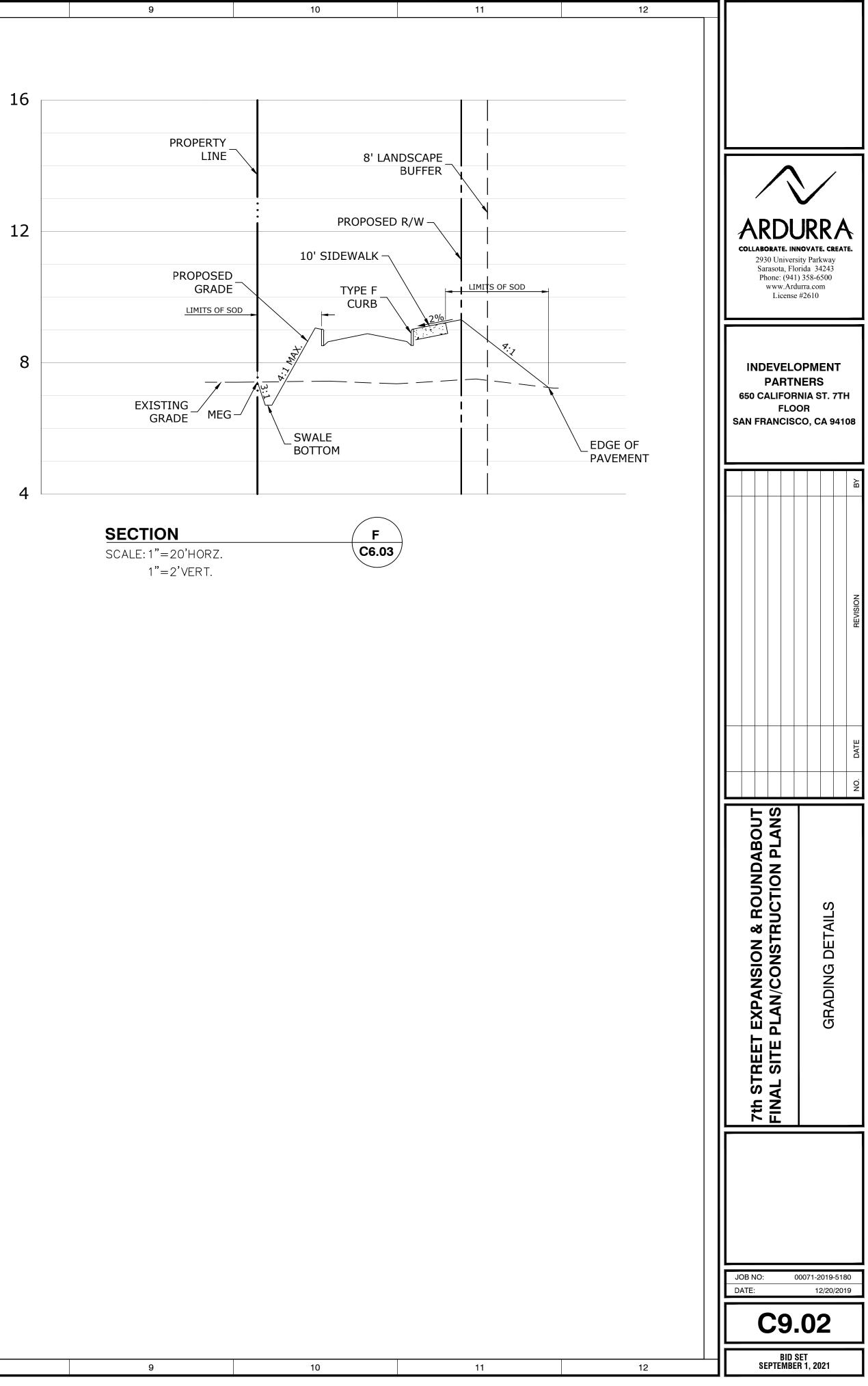


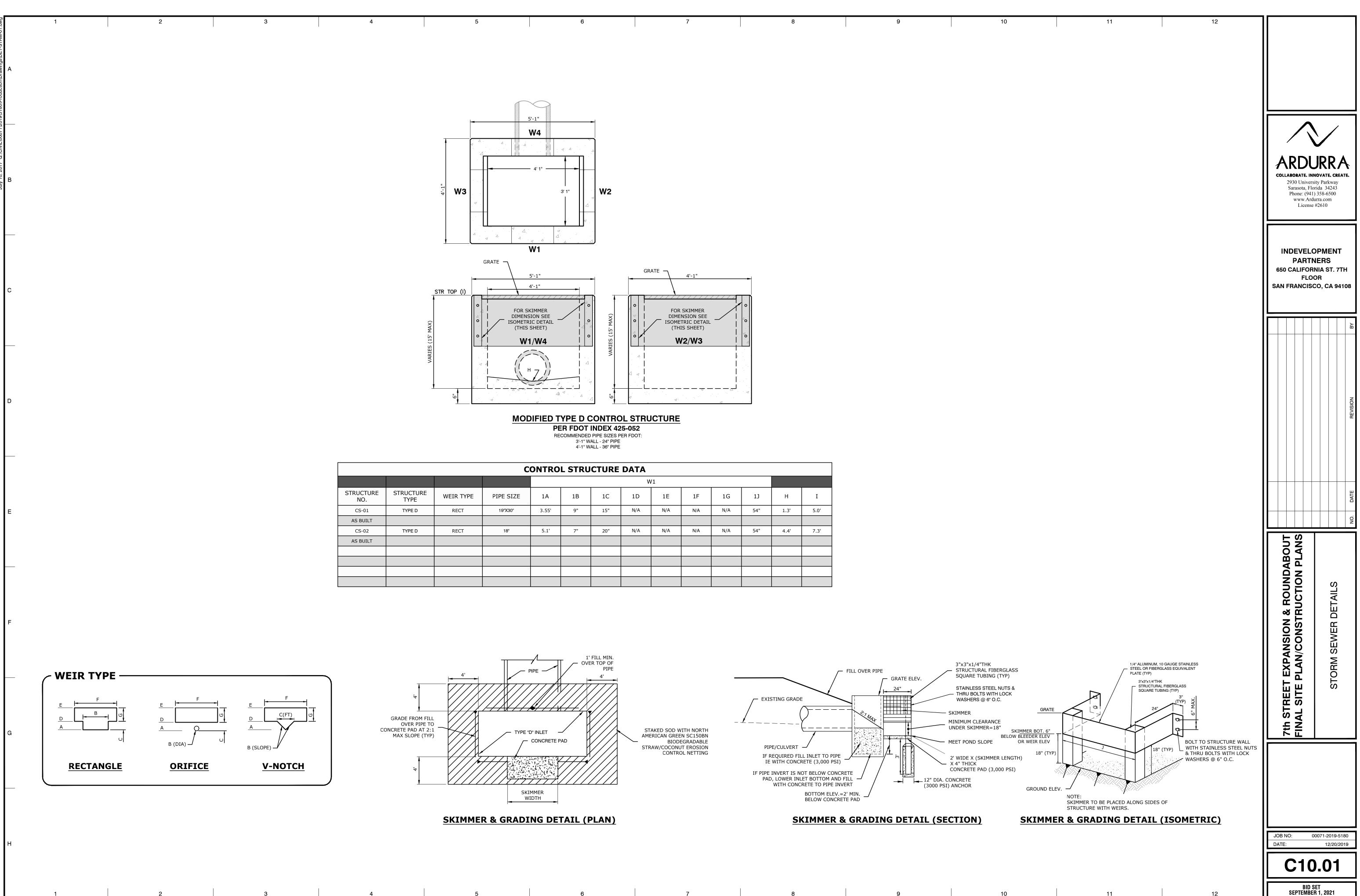






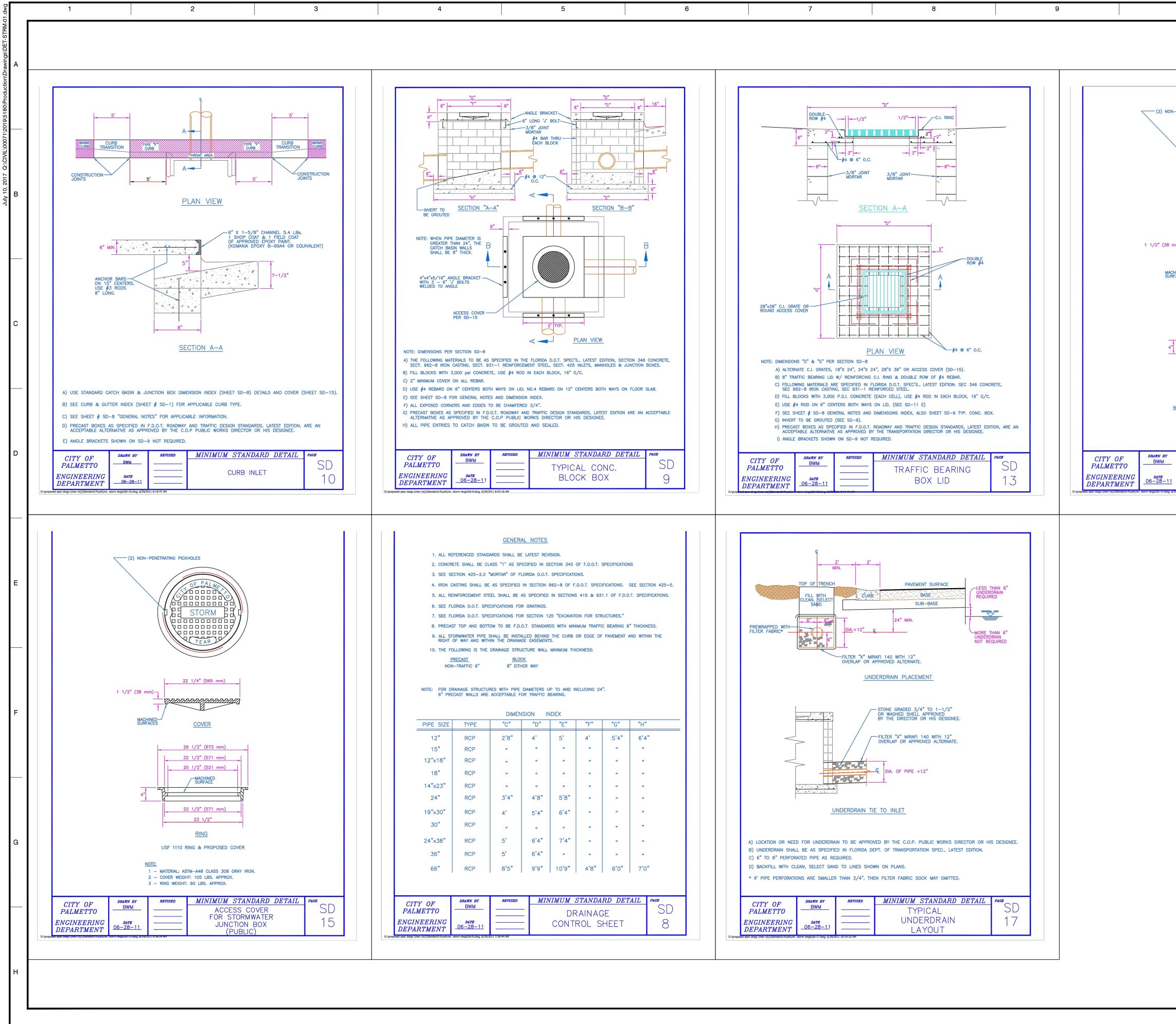






4'-1" WALL - 36" PIPE	

	CONTROL STRUCTURE DATA										
		W1									
E	PIPE SIZE	1A	1B	1C	1D	1E	1F	1G	1J	Н	Ι
	19"X30"	3.55'	9"	15"	N/A	N/A	N/A	N/A	54"	1.3'	5.0'
	18"	5.1'	7"	20"	N/A	N/A	N/A	N/A	54"	4.4'	7.3'



10	11		12					
				il				
					COLLABORATE. INN 2930 Universi	IOVATE. CREATE.		
					Sarasota, Flor Phone: (941) www.Ardu License	rida 34243 358-6500 urra.com		
mm)								
ACHINED- IRFACES COVER					INDEVELC			
<u>26 1/2" (673</u> <u>22 1/2" (571</u>					PARTN 650 CALIFORI FLOC	NIA ST. 7TH		
20 1/2" (521					SAN FRANCISC	CO, CA 94108		
4" 22 1/2" (571 23 1/2"				ľ		ß		
RING_USF 1110 RING & PRO	POSED COVER							
NOTE: 1 - MATERIAL; ASTM-A48 CL <sup>A</sup> 2 - COVER WEIGHT: 105 LBS 3 - RING WEIGHT: 90 LBS. AU	. APPROX.							
REVISED MIN.		<sup>sage</sup> SD				REVISION		
1	ACCESS COVER FOR STORMWATER JUNCTION BOX (PRIVATE)	3D 14				REVI		
, 6/29/2011 9:29:13 AM								
						DATE		
						Öz		
					7th STREET EXPANSION & ROUNDABOUT FINAL SITE PLAN/CONSTRUCTION PLANS			
					7th STREET EXPANSION & ROUNDABOU FINAL SITE PLAN/CONSTRUCTION PLAN	(0		
					ROU UCTI	STORM SEWER DETAILS		
					ON & NSTR	ER DE		
					ANSI V/COI	I SEW		
					r exp Plañ	TORN		
					REE' SITE	S		
					7th ST			
					DATE:	0071-2019-5180 12/20/2019		
					C10	.02		
10	11		12		BID SET SEPTEMBER 1, 2021			