

# LITTLE RANCHES BRIDGE DEMOLITION

PREPARED FOR



## PALM BEACH COUNTY, FL

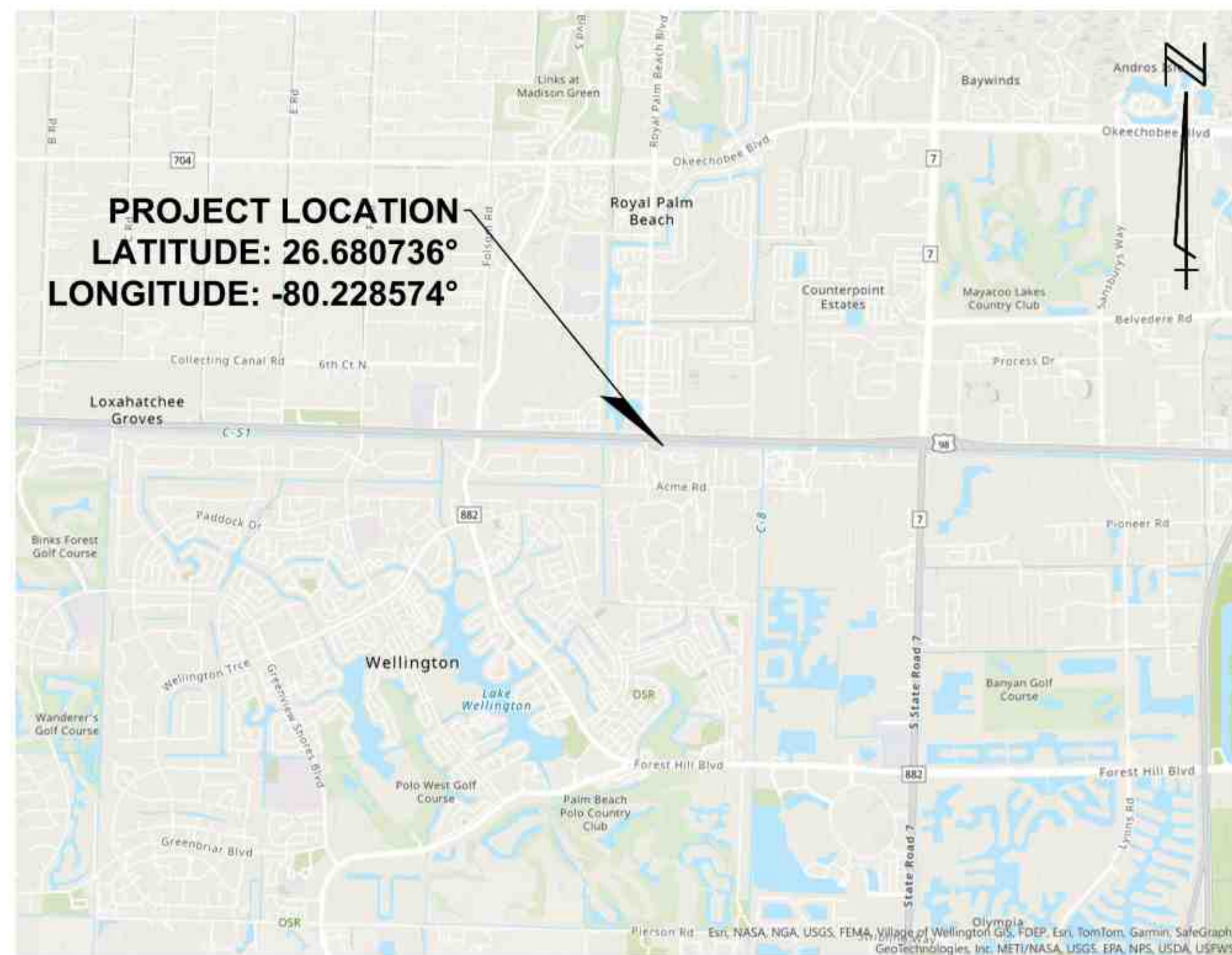
OCTOBER 2025

**VILLAGE COUNCIL**  
 MICHAEL J. NAPOLEONE, MAYOR  
 TANYA SISKIND, VICE MAYOR  
 JOHN T. MCGOVERN, COUNCILMAN  
 MARIA S. ANTUNA, COUNCILWOMAN  
 AMANDA SYLVESTRI, COUNCILWOMAN

**VILLAGE MANAGER**  
 JIM BARNES

**VILLAGE ENGINEER**  
 JONATHAN REINSVOLD, P.E.

SHEET NO.	INDEX OF SHEETS SHEET TITLE
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C5-1	SFWM DETAILS
C5-2	SWPPP DETAILS
TOTAL NO. OF SHEETS: 10	



VICINITY MAP  
 N.T.S.  
 SECTION 35, TOWNSHIP 43 SOUTH, RANGE 41 EAST

Always call 811 two full business days before you dig to have underground utilities located and marked.



**100% SUBMITTAL  
OCTOBER 2025**

NOTE:  
 THE ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).  
 FOR CONVERSION AT THIS LOCATION, NAVD88 = NGVD29 - 1.45'.

CADD File: F:\wellbridge\CADD\WBRDGC01\_C0-1.dwg  
 PLOT DATE: Oct 20, 2025 - 11:08am

Vertical Datum:  
 NAVD88  
 P.A. No.  
 WE037.00  
 Dwg. No.  
 43-41-35-48  
 Location:  
 PALM BEACH COUNTY, FL

No.	Date	By	Revision

SEAL  
 SPENCER M. SCHROEDER  
 Florida P.E. No. 65693

Date

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LITTLE RANCHES  
 BRIDGE DEMOLITION

VILLAGE OF WELLINGTON

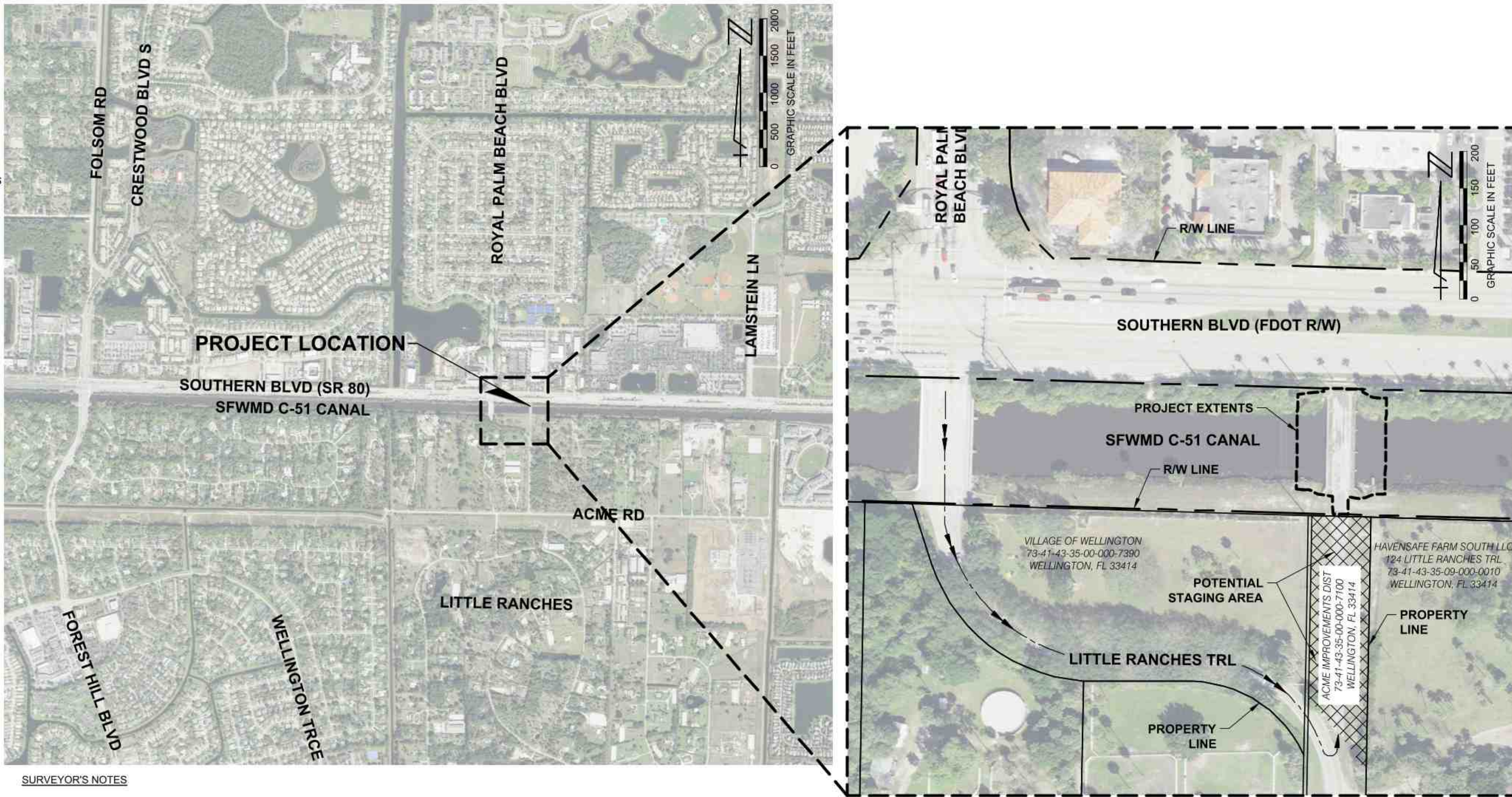
COVER

OCTOBER 2025

C0-1

**GENERAL NOTES:**

- NO CONSTRUCTION SHALL BE PERMITTED IN THE DISTRICT'S RIGHT-OF-WAY UNTIL SUCH TIME AS THE PERMITTEE'S CONTRACTOR APPLIES FOR AND RECEIVES PERMIT FOR TEMPORARY ACCESS AND/OR STAGING NECESSARY TO PERFORM THE AUTHORIZED WORK.
- ALL CANAL BANK RESTORATION WORK SHALL BE COMPLETED IN ACCORDANCE WITH DESIGN DISTRICT SPECIFICATION 02220 TITLED "EXCAVATION AND BACKFILLING".
- ALL PROPOSED GRADES SHOWN ARE FINISHED GRADES, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL SLOPE FINISHED GRADES UNIFORMLY BETWEEN OTHER FINISHED AND EXISTING GRADES AND IN SUCH A MANNER TO PREVENT STORMWATER PONDING.
- ALL LOCATIONS AND ELEVATIONS SHOWN FOR EXISTING GRADES FOR SURFACE AND SUBSURFACE STRUCTURES, PIPING, ETC. ARE BASED ON RECORD DRAWINGS AND THE BEST AVAILABLE INFORMATION. WHILE EVERY ATTEMPT HAS BEEN MADE TO PROVIDE ACCURATE DATA, THE CONTRACTOR SHALL CONSIDER ALL LOCATIONS AND ELEVATIONS APPROXIMATE IN NATURE. PRIOR TO THE START OF CONSTRUCTION AND/OR ORDERING OF ANY MATERIALS OR FABRICATED ITEMS, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATIONS AND ELEVATIONS. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IF "OTHER" STRUCTURES, UTILITIES, ETC. NOT SHOWN ON THE DRAWINGS EXIST WITHIN THE AREA OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE AS-BUILT INFORMATION AND WRITTEN NOTIFICATION OF ALL CONFLICTS WITH THE PROPOSED CONSTRUCTION TO THE ENGINEER. THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK UNTIL ALL CONFLICTS HAVE BEEN RESOLVED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVAL, DISPOSAL, ABANDONMENT, AND RELOCATIONS NECESSARY TO COMPLETE THE WORK WHETHER SHOWN ON THE DRAWINGS OR NOT. CONTRACTOR SHALL COORDINATE RELOCATIONS WITH THE NECESSARY UTILITY COMPANIES.
- CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY THE CONTRACTOR'S ACTIVITIES INVOLVING CONSTRUCTION, STAGING AREAS, AND ACCESS ROADS IN KIND. ALL DISTURBED NON-PAVED AREAS SHALL BE PLANTED WITH "IN-KIND" VEGETATION.
- CONTRACTOR SHALL COORDINATE WITH THE NECESSARY UTILITY COMPANIES AND SUNSHINE 811 (811 OR 1-800-432-4770) FOR ALL UTILITY LOCATES 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- PRIOR TO COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH CHAPTER 556 OF THE FLORIDA STATUTES: THE UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT.
- CONTRACTOR SHALL MAINTAIN A NEAT, ORDERLY, AND SAFE SITE AT ALL TIMES.
- ALL SURVEY MONUMENTS WITHIN LIMITS OF CONSTRUCTION ARE TO BE PROTECTED. IF IN DANGER OF DAMAGE THE CONTRACTOR SHALL NOTIFY: NATIONAL GEODETIC INFORMATION SERVICES CENTER NOAA NATIONAL GEODETIC SURVEY, N/C G 17 SSM 3, STATION 09202 SILVER SPRING, MARYLAND 20910 TELEPHONE NO. (301) 713-3242.
- CONTRACTOR SHALL APPLY FOR AND COMPLY WITH THE REQUIREMENTS OF THE FDEP GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION SITES.
- CONTRACTOR SHALL UTILIZE CONSTRUCTION METHODS AND DEVICES SUCH AS SILT FENCES AND INLET PROTECTION WHERE NECESSARY IN ORDER TO COMPLY WITH THE STATE AND LOCAL WATER QUALITY STANDARDS AND NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (N.P.D.E.S.) REQUIREMENTS. CONTRACTOR SHALL PREPARE AND SUBMIT TO THE ENGINEER FOR REVIEW A STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
- ALL WORK SHALL BE OPEN AND SUBJECT TO INSPECTION BY AUTHORIZED PERSONNEL OF THE OWNER, ALL INVOLVED UTILITY COMPANIES, THE PROJECT ENGINEER AND ALL REGULATORY AGENCIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT A CONSTRUCTION SCHEDULE DEPICTING EACH PHASE OF THE WORK. THE SCHEDULE SHALL BE SUBJECT TO REVIEW AND APPROVAL BY THE OWNER AND ENGINEER PRIOR TO COMMENCEMENT OF ANY WORK.
- CONTRACTOR SHALL PROMPTLY REMOVE ALL MUD, DIRT OR OTHER MATERIALS TRACKED OR SPILLED ONTO EXISTING PUBLIC ROADS AND FACILITIES DUE TO CONSTRUCTION.
- ALL EXCESS FILL AND DEBRIS FROM THE SITE SHALL BE LEGALLY DISPOSED OF OFF-SITE BY THE CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR THE SELECTION OF PROPOSED CONSTRUCTION STAGING AREAS AND/OR STOCKPILING OF MATERIALS AS WELL AS ANY ACCESS/LAND USE AGREEMENTS REQUIRED TO PERFORM THE WORK. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE REPAIR AND/OR RESTORATION OF ALL LANDS, FACILITIES, STRUCTURES, ETC. IMPACTED DURING THE COURSE OF THE WORK. COPIES OF ALL EXECUTED AGREEMENTS SHALL BE SUBMITTED TO THE ENGINEER AND DISTRICT FOR RECORD PURPOSES.
- CONTRACTOR SHALL LIMIT ACCESS AND CONSTRUCTION OPERATIONS TO WITHIN LIMITS OF THE PUBLIC ROAD AND CANAL RIGHTS-OF-WAY. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGES OUTSIDE THE LIMITS OF THE ROAD AND CANAL RIGHTS-OF-WAY.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AS REQUIRED. ENGINEER'S REVIEW IS STRICTLY LIMITED TO BEING ONLY FOR COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS AND SHALL NOT EXTEND TO MEANS AND METHODS, TECHNIQUES, SEQUENCES OR PROCEDURE OF CONSTRUCTION, OR TO SAFETY PRECAUTIONS OR PROGRAMS INCIDENT THERETO. ENGINEER'S REVIEW SHALL NOT RELIEVE CONTRACTOR FROM RESPONSIBILITY FOR ALL VARIATIONS FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
- THE AERIAL PHOTOGRAPH USED FOR THIS PROJECT WAS PREPARED FROM THE PALM BEACH COUNTY DATA BASE AND AS SUCH SHOULD BE USED ONLY AS SCHEMATICS. SOURCE AND DATE OF AERIAL PHOTOGRAPHY: PBC GIS DATED 2023.
- CONTRACTOR SHALL USE CAUTION AND TAKE THE NECESSARY SAFETY PRECAUTIONS WHILE WORKING ADJACENT TO OVERHEAD AND UNDERGROUND ELECTRIC AND UTILITIES.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR RESTORATION OF ALL AREAS DISTURBED DURING CONSTRUCTION.



**SURVEYOR'S NOTES**

- THE SURVEY DEPICTED HEREON IS CLASSIFIED AS A TOPOGRAPHIC AND TREE SURVEY AND IS IN COMPLIANCE WITH CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE.
- ENGUENITY GROUP, INC. AND THE CERTIFYING SURVEYOR ACCEPT NO RESPONSIBILITY FOR RIGHT-OF-WAYS, EASEMENTS RESTRICTIONS OR OTHER MATTERS AFFECTING TITLE TO THE LANDS SURVEYED OTHER THAN THOSE RECITED IN THE CURRENT DEED AND/OR OTHER INSTRUMENT OF RECORD FURNISHED BY THE CLIENT.
- UNDERGROUND UTILITIES WERE NOT SEARCHED FOR OR LOCATED BY ENGUENITY GROUP, INC.
- THIS SURVEY IS NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. OTHERWISE THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY.
- LAST DATE OF FIELD SURVEY: JUNE 21, 2024
- ALL DISTANCES SHOWN HEREON ARE IN U.S. FEET AND DECIMAL PARTS THEREOF UNLESS OTHERWISE NOTED.
- ACCURACY STATEMENT: A FIELD SURVEY WAS PERFORMED IN ACCORDANCE WITH CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027 FLORIDA STATE STATUTES FOR TOPOGRAPHIC SURVEYS. THE ACCURACY OF CONTROL DATA WAS VERIFIED BY REDUNDANT MEASUREMENTS OF TRAVERSE CLOSURES AND EXCEEDS COMMERCIAL/HIGH RISK. LINEAR: 1 FOOT IN 10,000 FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.
- ALL DIMENSIONS SHOWN HEREON ARE MEASURED UNLESS OTHERWISE NOTED.
- ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988) AND REFERENCE THE FOLLOWING BENCHMARK:  
ALLISON ELEVATION=15.391'  
TO REACH STATION FROM THE INTERSECTION OF SR-7 AND SR-80, GO WEST APPROXIMATELY 1.05 MILE ON SR-80 TO THE STATION ON THE RIGHT. THE STATION IS A PALM BEACH COUNTY BRASS DISK SET IN CONCRETE STAMPED "ALLISON". THE STATION IS LOCATED IN THE NORTHEAST QUADRANT OF STATE ROAD 80 AND LAMSTEIN LANE, UNDER THE WEST POWERLINES, 146 FEET NORTH OF THE CENTERLINE OF SR-80, 110 FEET EAST OF THE CENTERLINE OF LAMSTEIN LANE, 8.4 FEET NORTH OF BACK OF SIDEWALK AND 2 FEET SOUTH OF METAL WITNESS POST.
- THE FOLLOWING CONVERSION MAY BE USED TO CONVERT FROM THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29) (PER U.S ARMY CORPS OF ENGINEERS CORPSCON VERSION 6.0.1).  
NAVD 88 + 1.468 = NGVD 29.
- THIS SURVEY IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM TRANSVERSE MERCATOR, FLORIDA EAST ZONE 901, NORTH AMERICAN DATUM OF 1983 (1990 ADJUSTMENT).
- ENGUENITY GROUP, INC. UTILIZED PALM BEACH COUNTY GIS LINWORK FOR PROPERTY LINES AND FIELD VERIFIED THEM BASED ON FOUND MONUMENTATION.

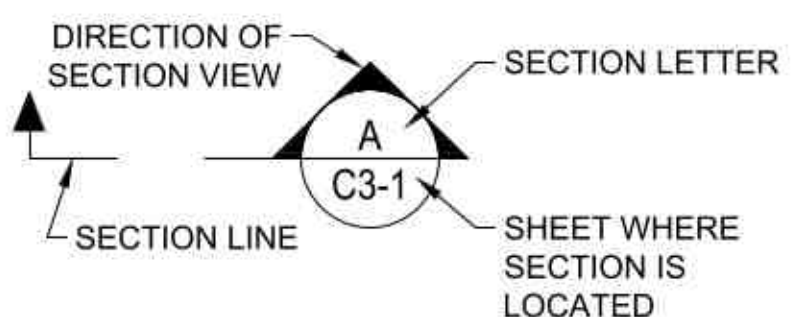
**LEGEND**

	MEASURED ELEVATION		CENTERLINE
	CONCRETE		CORRUGATED METAL PIPE
	INFORMATION SIGN (SINGLE POST)		EDGE OF PAVEMENT
	EDGE OF WATER		FLORIDA DEPARTMENT OF TRANSPORTATION
	TEMPORARY BENCHMARK		FLORIDA POWER & LIGHT
	CABLE TELEVISION RISER		INVERT
	BELL SOUTH MANHOLE		LIMITED ACCESS EASEMENT
	STORM MANHOLE		OFFICIAL RECORD BOOK
	WIRE PULL BOX - ELECTRIC		PAGE
	GUY WIRE		PARCEL CONTROL NUMBER
	WOOD UTILITY POLE		PLAT BOOK
	CONCRETE UTILITY POLE		RIGHT-OF-WAY
	OVERHEAD ELECTRIC		SOUTH FLORIDA WATER MANAGEMENT DISTRICT
	UNDERGROUND STORM		TOP OF BANK
	RIGHT OF WAY		TOP OF PIPE
	TURBIDITY BARRIER		UTILITY EASEMENT
	CENTERLINE		
	PROPERTY LINE		

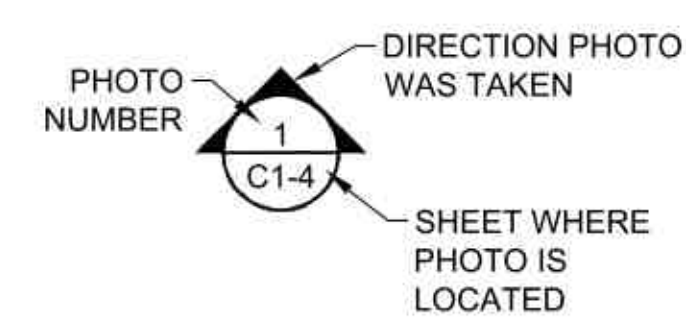
  

	CABBAGE PALM
	OAK
	PINE
	ROYAL PALM

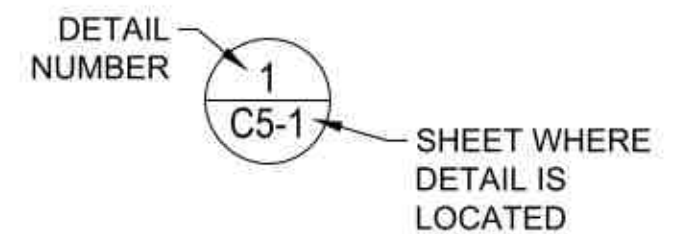
**CIVIL SECTION VIEW, CALL OUT SYMBOLS**



**PHOTO CALL OUT SYMBOLS**



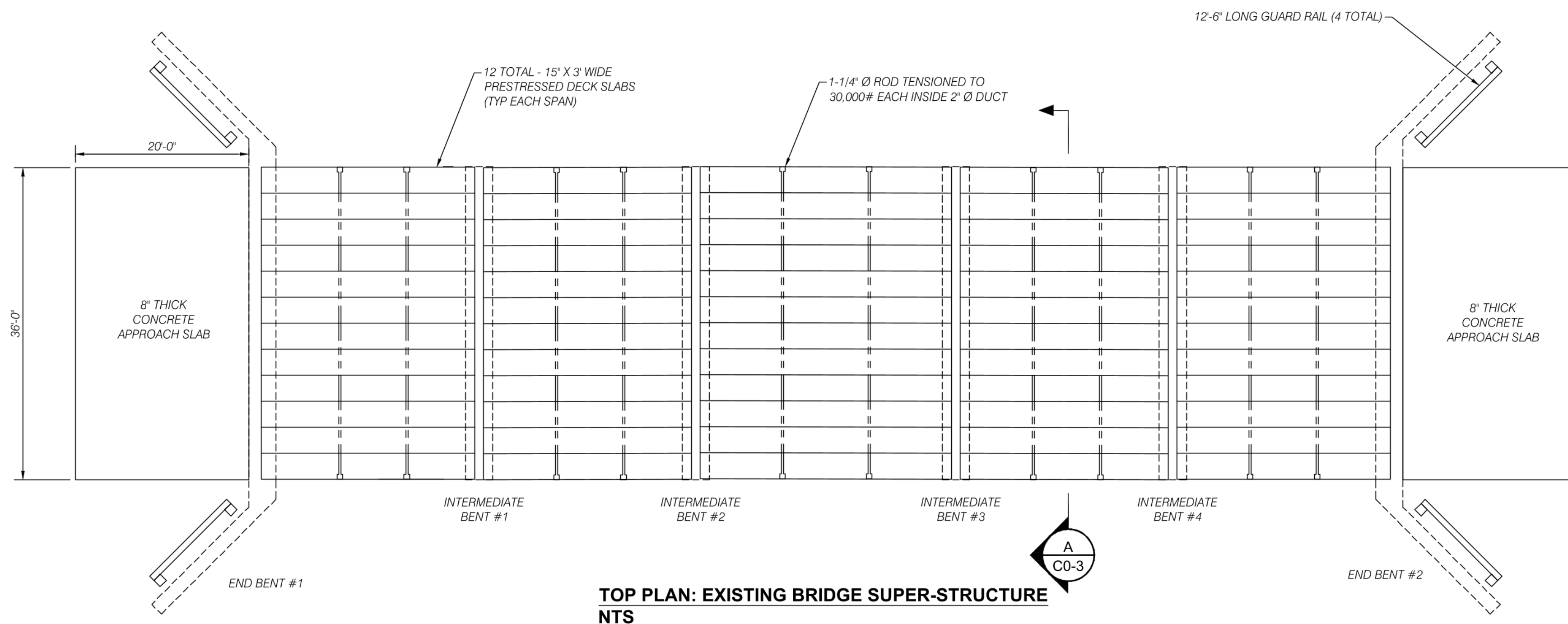
**CIVIL DETAIL, CALL OUT SYMBOLS**



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CADD File: F:\well\bridge\CADD\DWG\BRD\GCS01\_C0-2.dwg  
PLOT DATE: Oct 20, 2025 - 11:08am  
Bar is equal to one inch on original drawing  
Adjust all scaled dimensions accordingly

<p><b>Vertical Datum:</b> NAVD88 <b>P.A. No.</b> WE037.00 <b>Dwg. No.</b> 43-41-35-48 <b>Location:</b> PALM BEACH COUNTY, FL</p>	<p>SEAL</p> <p>SPENCER M. SCHROEDER Florida P.E. No. 65693</p> <p>Date</p>	<p><b>MOCK • ROOS</b></p> <p>CONSULTING ENGINEERS</p> <p>5720 Corporate Way, West Palm Beach, Florida 33407 (561) 683-3113, www.MockRoos.com</p> <p>Florida Reg. No. 48      Florida L.B. No. 48</p>	<p><b>LITTLE RANCHES BRIDGE DEMOLITION</b></p> <p>VILLAGE OF WELLINGTON</p>	<p><b>LOCATION MAP &amp; GENERAL NOTES</b></p>	<p>OCTOBER 2025</p> <p><b>C0-2</b></p>												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">No.</th> <th style="width: 10%;">Date</th> <th style="width: 10%;">By</th> <th style="width: 10%;">Revision</th> <th colspan="2"></th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td colspan="2"> </td> </tr> </table>						No.	Date	By	Revision								
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**STRUCTURAL DEMOLITION SCOPE:**

1. REMOVE AND ABANDON UTILITY CONDUITS, SUPPORTS, AND STILLING WELL.

2. SUPER STRUCTURE ITEMS TO BE REMOVED:

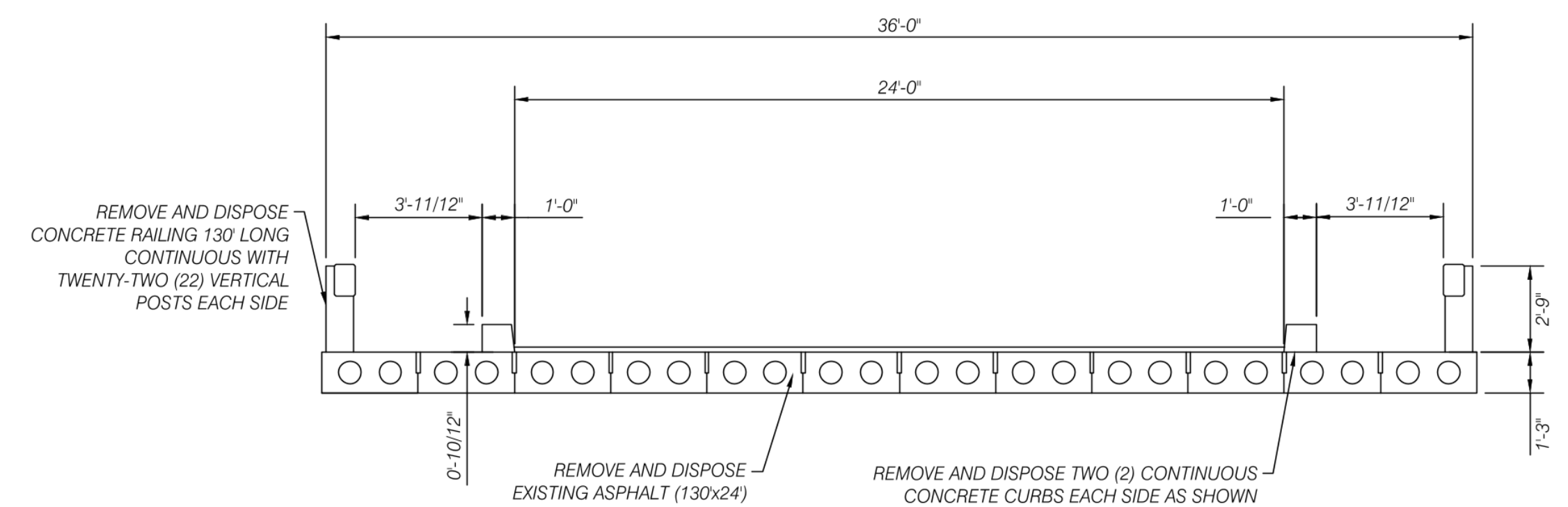
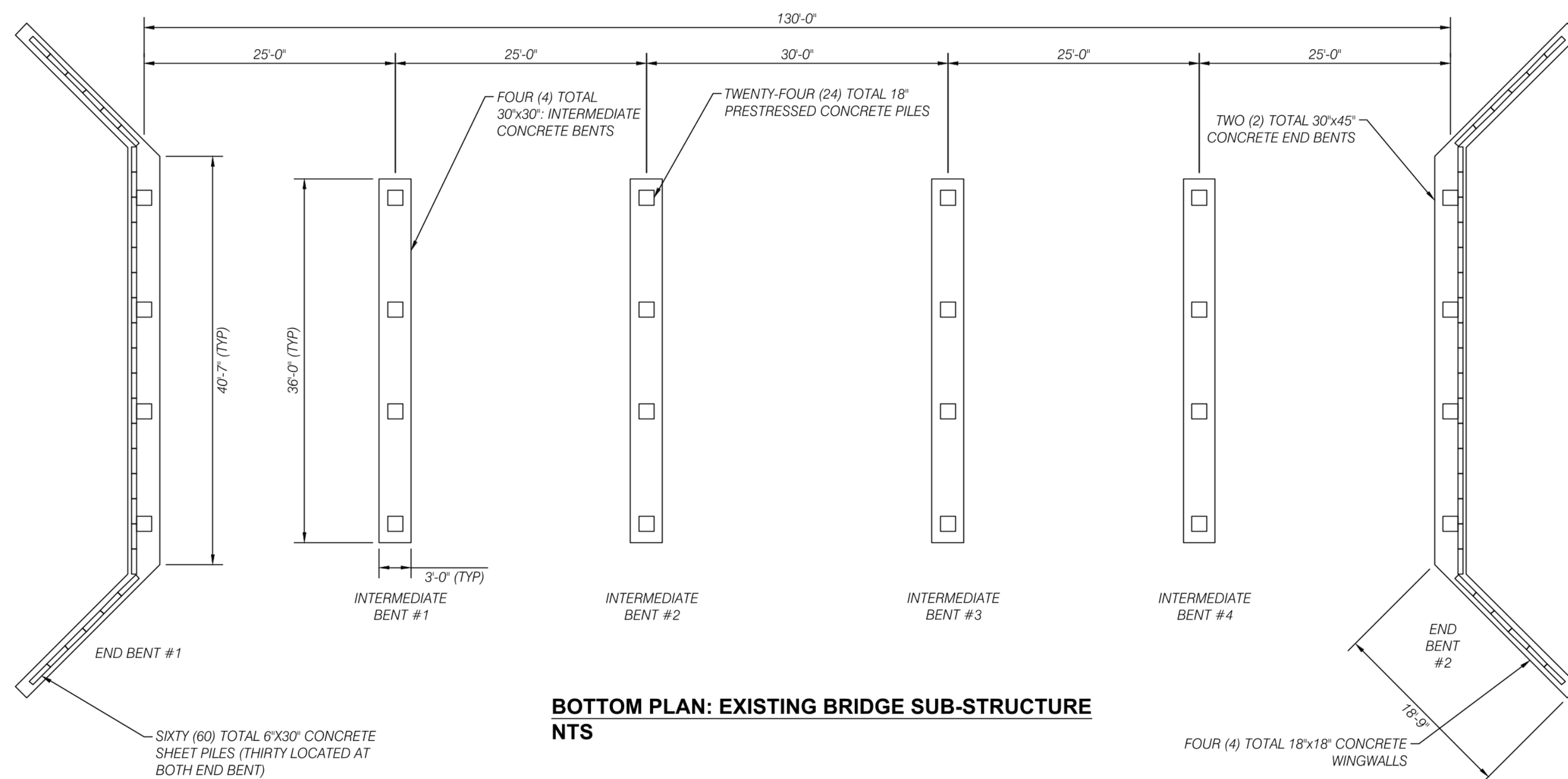
- TEN (10) POST TENSION RODS (2 PER SPAN) TO BE CAREFULLY REMOVED FOR ENTIRE SPAN.
- CONCRETE RAILS AND CURBS TO BE REMOVED FOR ENTIRE SPAN.
- HOLLOW-CORE CONCRETE BRIDGE DECK AND ASPHALT TOPPING TO BE REMOVED FOR ENTIRE SPAN.
- CONCRETE APPROACH PADS, ASPHALT TOPPING, AND GUARD RAILS TO BE REMOVED ON BOTH ENDS.

3. SUB-STRUCTURE ITEMS TO BE REMOVED:

- REMOVED END BENTS, ABUTMENTS, AND WING WALLS ON BOTH ENDS. ABANDON END PILING IN SLOPE (8 PILES).
- REMOVED FOUR (4) CONCRETE INTERMEDIATE BENTS.
- REMOVE SIXTEEN (16) INTERMEDIATE PILES.

**NOTES:**

1. INFORMATION SOURCE: VILLAGE OF WELLINGTON
2. NOTE THAT THE BRIDGE DECK IS POST-TENSIONED WITH A SERIES OF 1-1/4" DIAMETER RODS TENSIONED TO 30,000 POUNDS EACH. CONTRACTOR SHALL CAREFULLY DE-TENSION ALL RODS PRIOR TO BEGINNING ANY REMOVAL OF THE PRESTRESSED DECK SLABS, RAILING, CURBING, AND ASPHALT REMOVAL MAY OCCUR BEFORE DETENSIONING AS PART OF THE CONTRACTOR'S SEQUENCE, MEANS, AND METHODS. HOWEVER, CONTRACTOR SHALL TAKE CARE WHEN WORKING AROUND TENSIONED RODS.



**A**  
**C0-3** SECTION: EXISTING BRIDGE SUPER-STRUCTURE CROSS SECTION  
NTS

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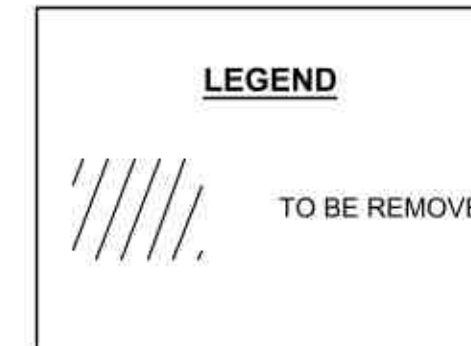
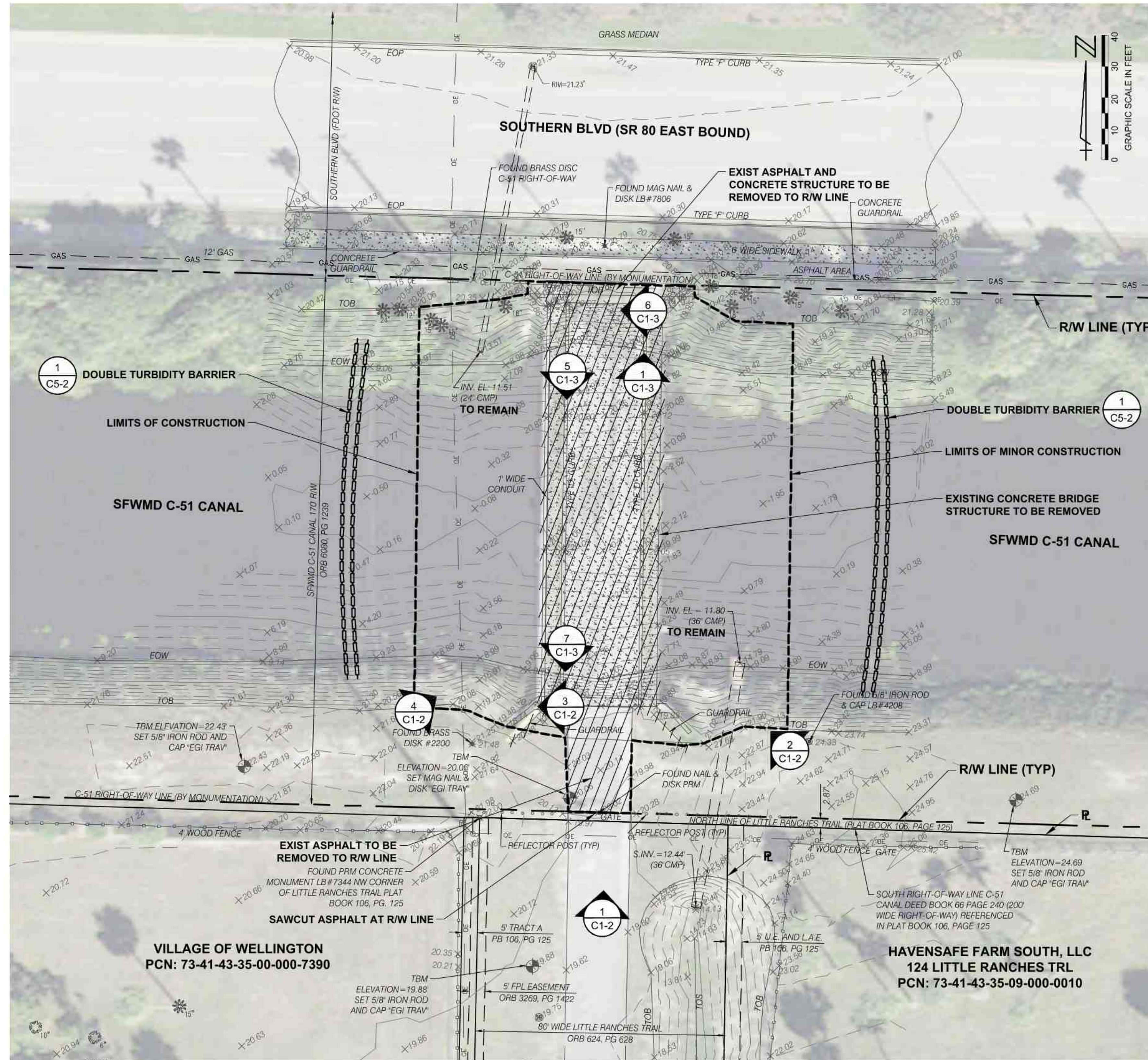
**LITTLE RANCHES  
BRIDGE DEMOLITION**

VILLAGE OF WELLINGTON

**EXISTING BRIDGE  
STRUCTURE PLANS**

OCTOBER 2025

**C0-3**



**DEMOLITION NOTES:**

1. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVAL, DISPOSAL, ABANDONMENT, AND RELOCATIONS NECESSARY TO COMPLETE THE WORK WHETHER SHOWN ON THE DRAWINGS OR NOT. CONTRACTOR SHALL COORDINATE RELOCATIONS WITH THE NECESSARY UTILITY COMPANIES.
2. ALL DEMOLITION SHALL CONFORM TO ALL FEDERAL, STATE, AND LOCAL LAWS, RULES, AND ORDINANCES PERTAINING TO THE DEMOLITION OF MATERIALS.
3. THE DISPOSAL OR STORAGE OF ANY SALVAGEABLE MATERIALS IS AT THE DISCRETION OF THE OWNER AND STORAGE OF ANY MATERIALS SHALL BE COORDINATED WITH VILLAGE REPRESENTATIVES PRIOR TO REMOVAL.
4. ALL VEGETATION, DEBRIS, EXCESS FILL, CONCRETE, OR OTHER UNSUITABLE MATERIAL SHALL BE DISPOSED OF LEGALLY OFF SITE BY THE CONTRACTOR AT HIS EXPENSE.
5. ALL ORGANIC AND OTHER UNSUITABLE MATERIAL IN AREAS TO BE FILLED SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH THE SPECIFICATIONS AND SOUND CONSTRUCTION PRACTICES.
6. ALL AREAS DESIGNATED FOR PAVEMENT REMOVAL SHALL BE SAW-CUT AT THE LIMITS OF REMOVAL WHERE EXISTING PAVEMENT IS TO REMAIN.
7. MILLED MATERIAL, IF ANY, SHALL BE REMOVED AND DISPOSED OF PROPERLY AT THE END OF ANY DAILY MILLING OPERATION.

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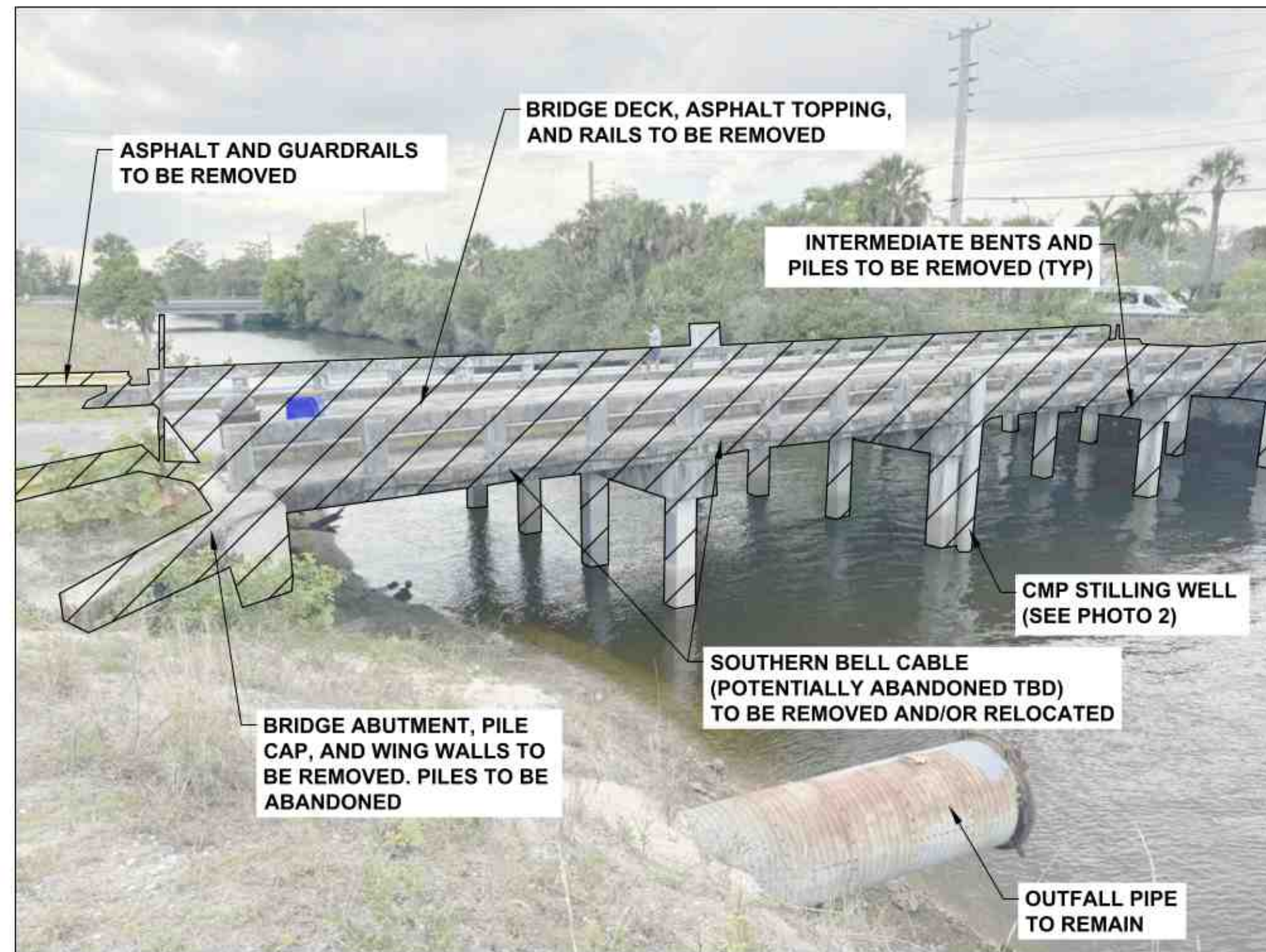
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VILLAGE OF WELLINGTON

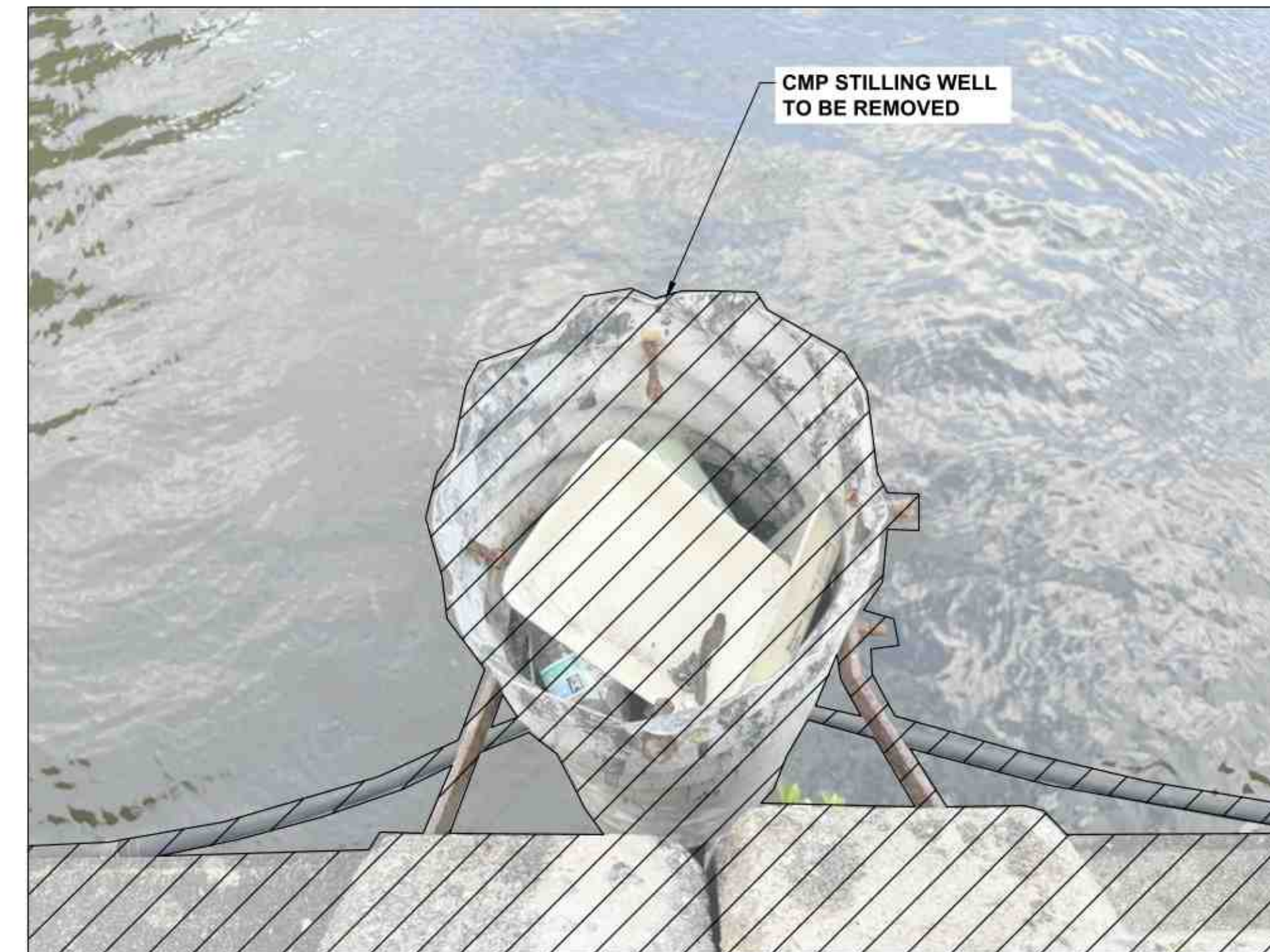
EXISTING SITE  
DEMOLITION PLAN

OCTOBER 2025

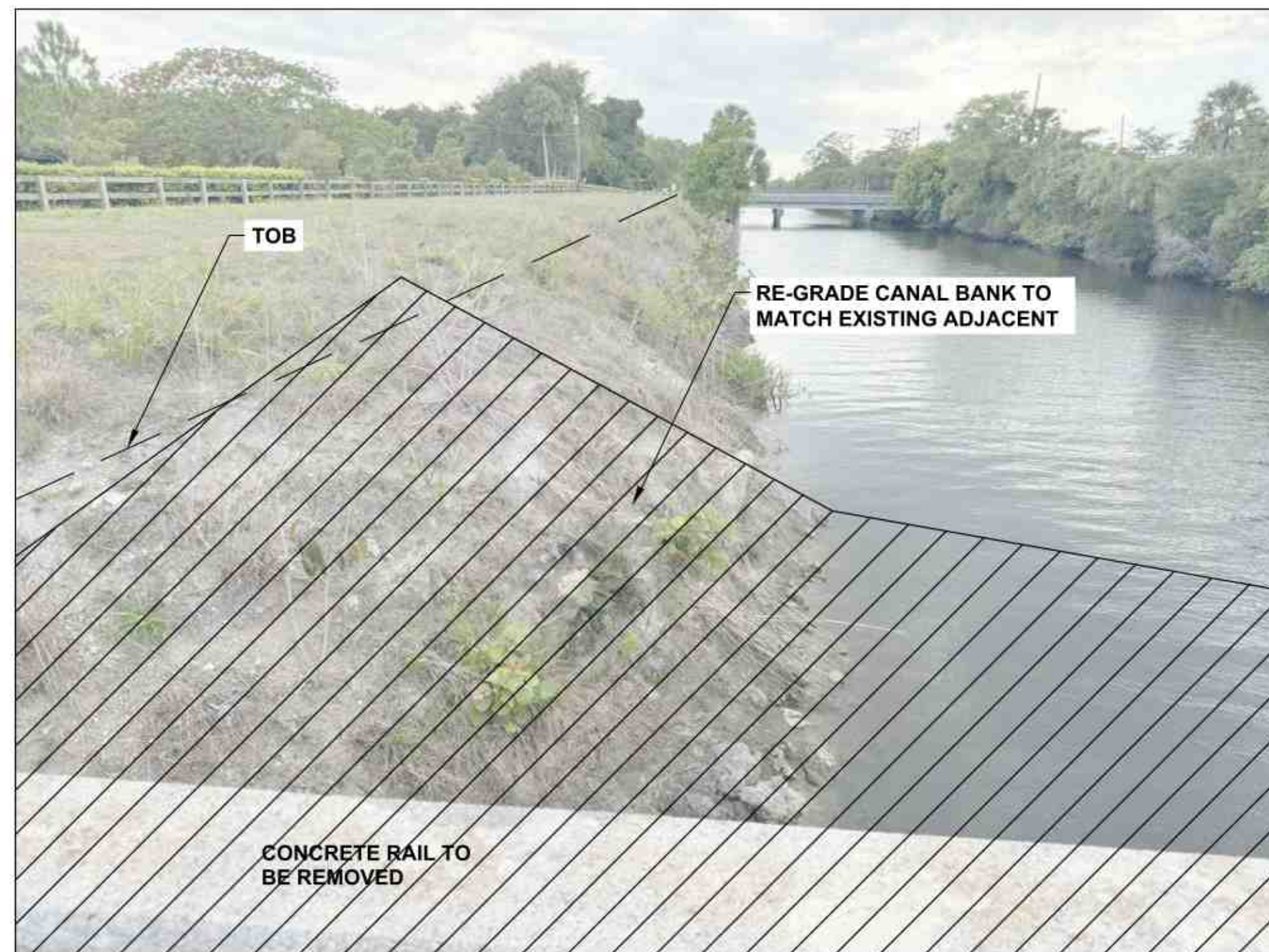
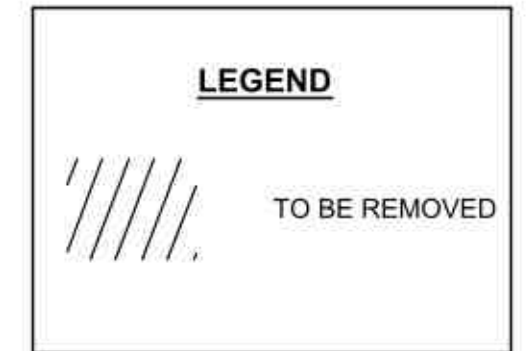
**C1-1**



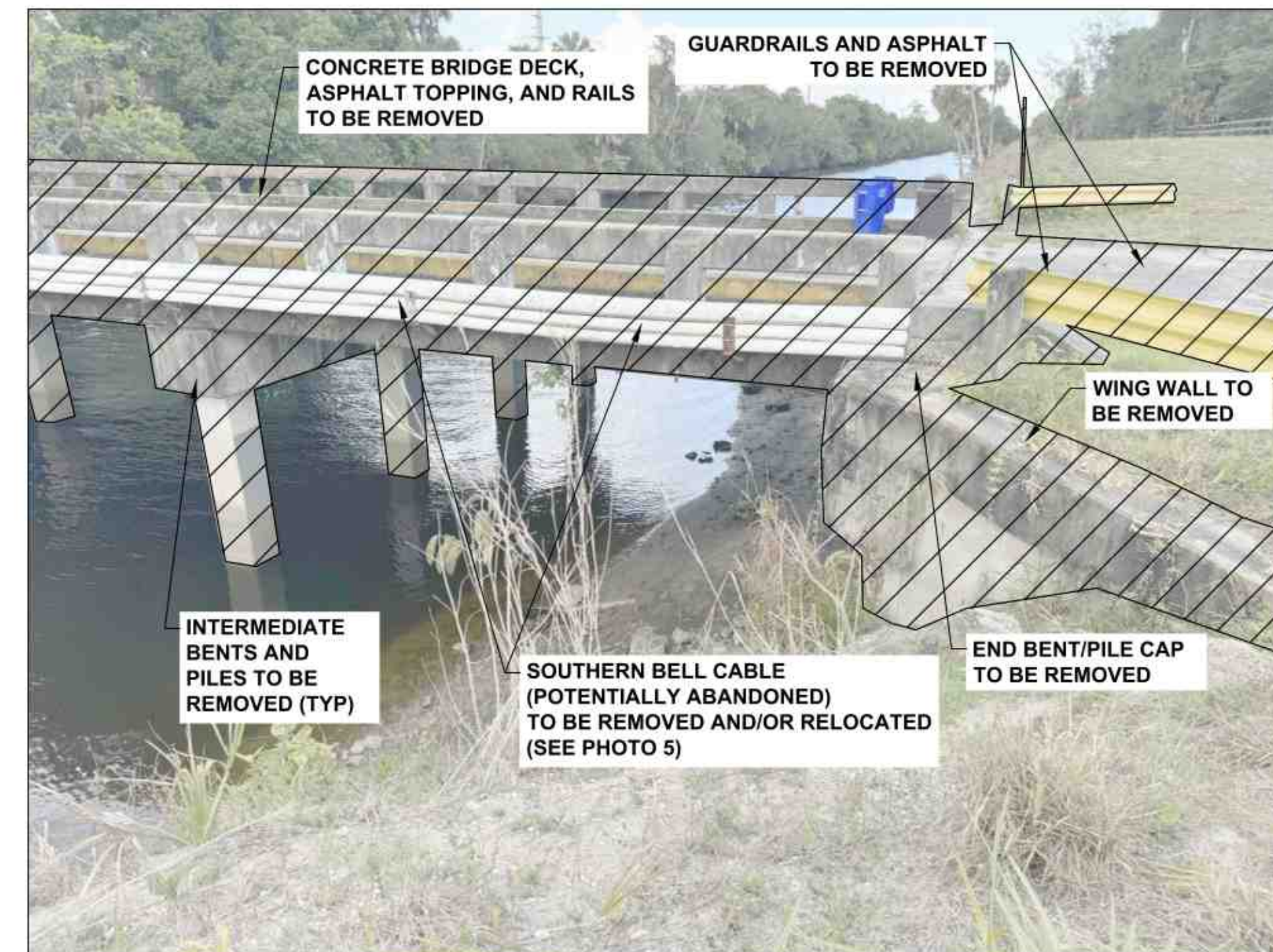
1 SITE PHOTO - FACING NORTHWEST  
C1-2 NTS



2 SITE PHOTO - FACING NORTH  
C1-2 NTS



3 SITE PHOTO - FACING WEST  
C1-2 NTS



4 SITE PHOTO - FACING EAST  
C1-2 NTS

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LITTLE RANCHES  
BRIDGE DEMOLITION

VILLAGE OF WELLINGTON

DEMOLITION PHOTOS  
1

OCTOBER 2025

C1-2



5 SITE PHOTO - FACING NORTH  
C1-3 NTS



6 SITE PHOTO - FACING NORTHWEST  
C1-3 NTS

**LEGEND**

////// TO BE REMOVED



7 SITE PHOTO - FACING WEST  
C1-3 NTS



8 SITE PHOTO - FACING EAST  
C1-3 NTS

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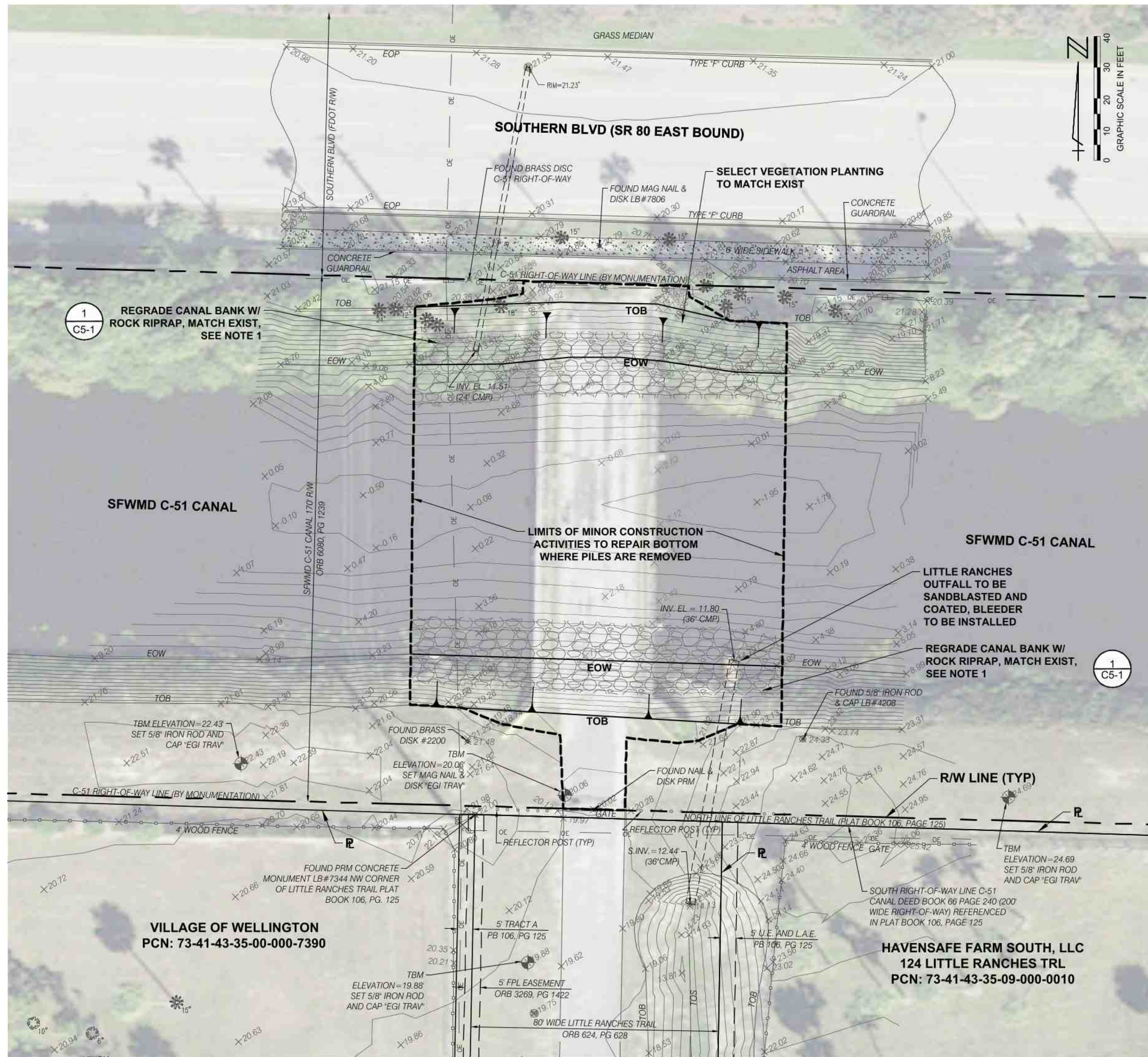
LITTLE RANCHES  
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VILLAGE OF WELLINGTON

DEMOLITION PHOTOS  
2

OCTOBER 2025

**C1-3**



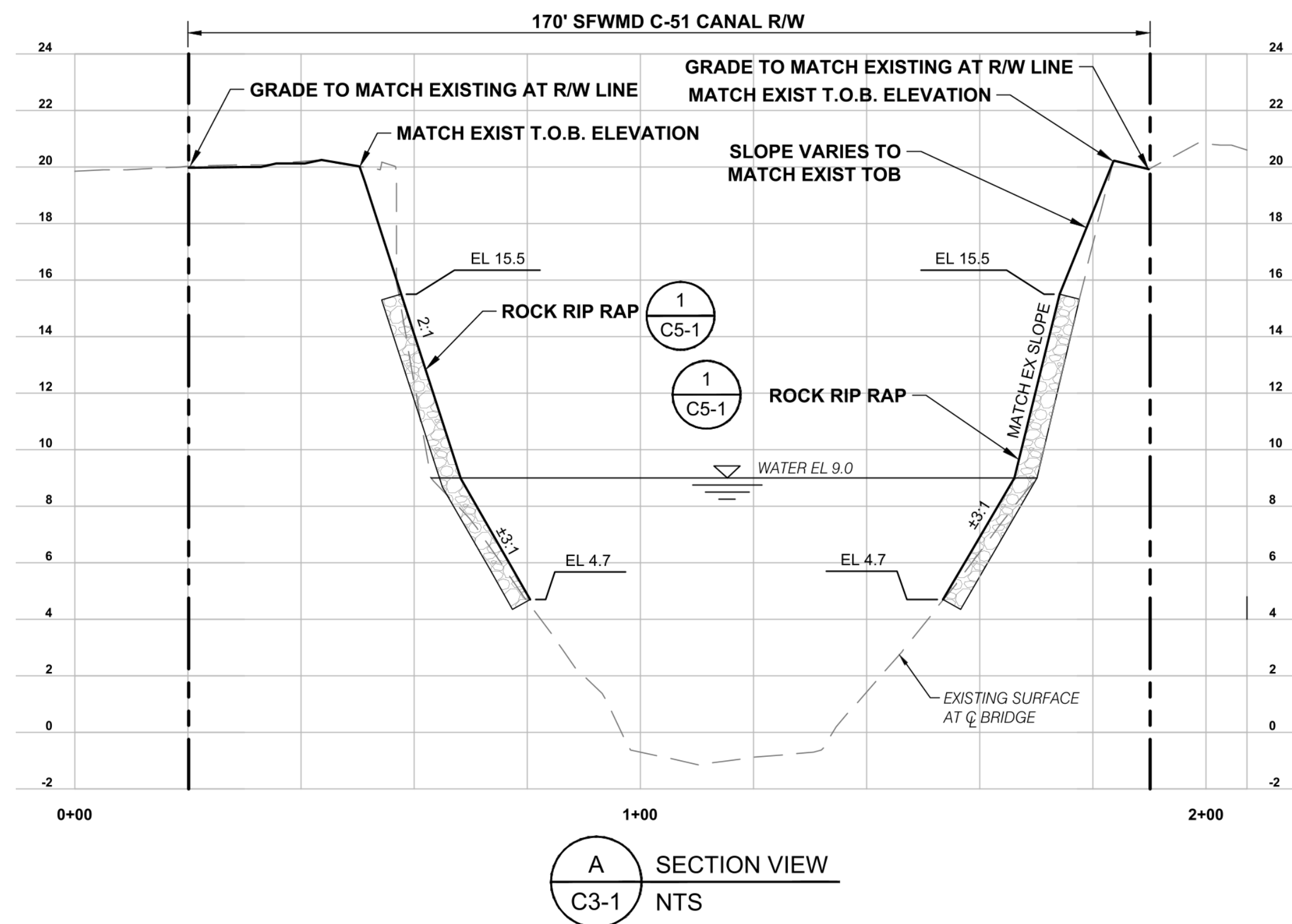
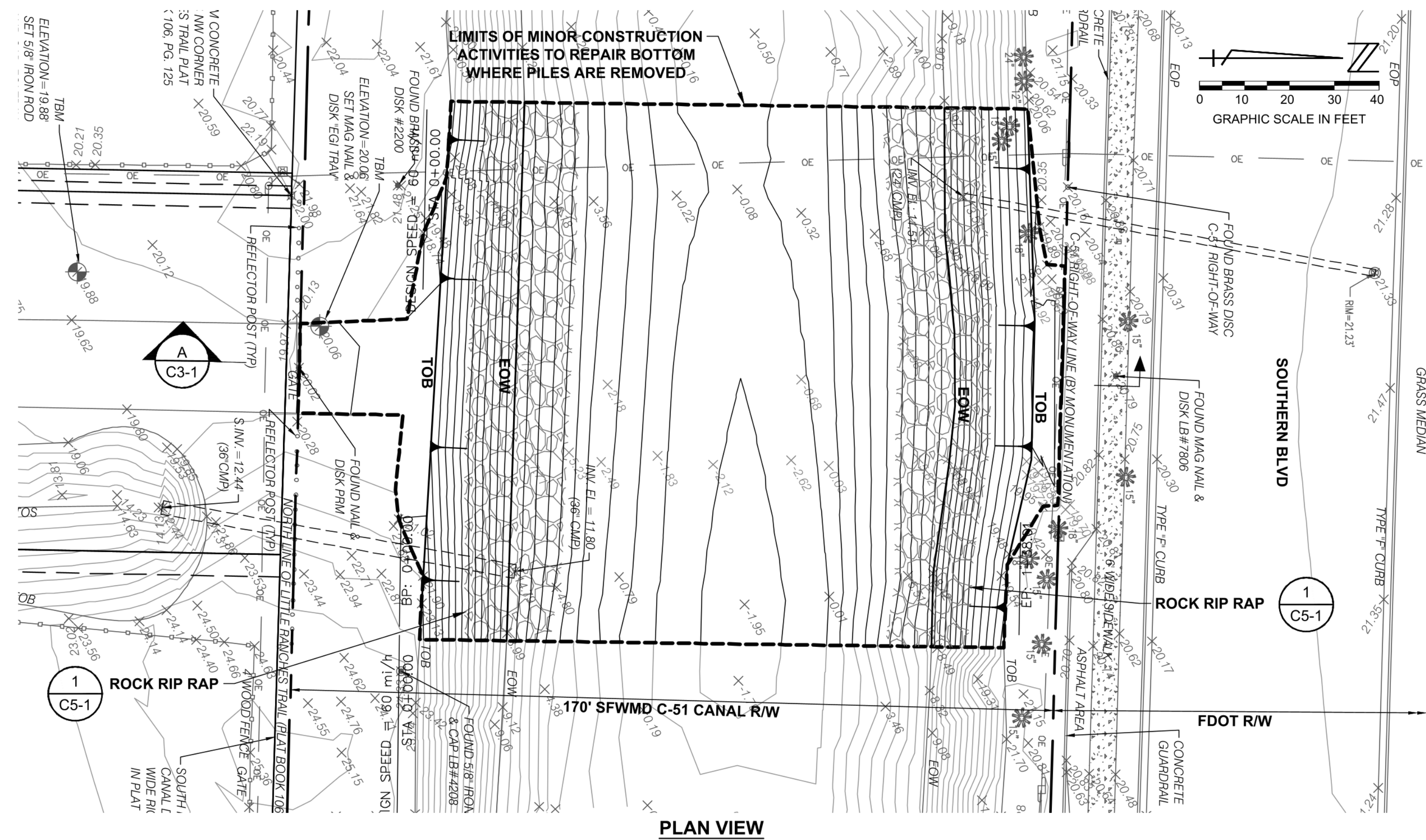
**NOTES**

- PER SFWMD REQUIREMENTS, CONTRACTOR TO REGRADE BOTH SIDES OF THE CANAL, FOR A DISTANCE OF 60 FEET UPSTREAM AND DOWNSTREAM OF THE CENTERLINE OF THE BRIDGE, TO MATCH ADJACENT CANAL BANK SLOPES. ON THE NORTH AND SOUTH SIDES OF THE C-51 CANAL, BANK STABILIZATION IN THE FORM OF ROCK RIP RAP WILL BE UTILIZED AS SHOWN ON THE DETAIL ON SHEET C5-1.

NOTE:  
 THE ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88),  
 FOR CONVERSION AT THIS LOCATION, NAVD88 = NGVD29 - 1.45'

CADD File: F:\well\bridge\CADD\WGBRIDGE\C1-4.dwg  
 PLOT DATE: Oct 20, 2025 - 11:08am  
 Bar is equal to one inch on original drawing  
 Adjust all scaled dimensions accordingly

<b>Vertical Datum:</b> NAVD88 <b>P.A. No.</b> WE037.00 <b>Dwg. No.</b> 43-41-35-48 <b>Location:</b> PALM BEACH COUNTY, FL				SEAL  SPENCER M. SCHROEDER Florida P.E. No. 65693  Date	<b>MOCK • ROOS</b> CONSULTING ENGINEERS  5720 Corporate Way, West Palm Beach, Florida 33407 (561) 683-3113, www.MockRoos.com  Florida Reg. No. 48      Florida L.B. No. 48	LITTLE RANCHES BRIDGE DEMOLITION  VILLAGE OF WELLINGTON	PROPOSED OVERALL SITE PLAN	OCTOBER 2025  <b>C1-4</b>
	No.	Date	By					



NOTE:  
 THE ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).  
 FOR CONVERSION AT THIS LOCATION, NAVD88 = NGVD29 - 1.45'

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 Adjust all scaled dimensions accordingly.

Vertical Datum:  
 NAVD88  
 P.A. No.  
 WE037.00  
 Dwg. No.  
 43-41-35-48  
 Location:  
 PALM BEACH COUNTY, FL

No.	Date	By	Revision

SEAL  
 SPENCER M. SCHROEDER  
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Date

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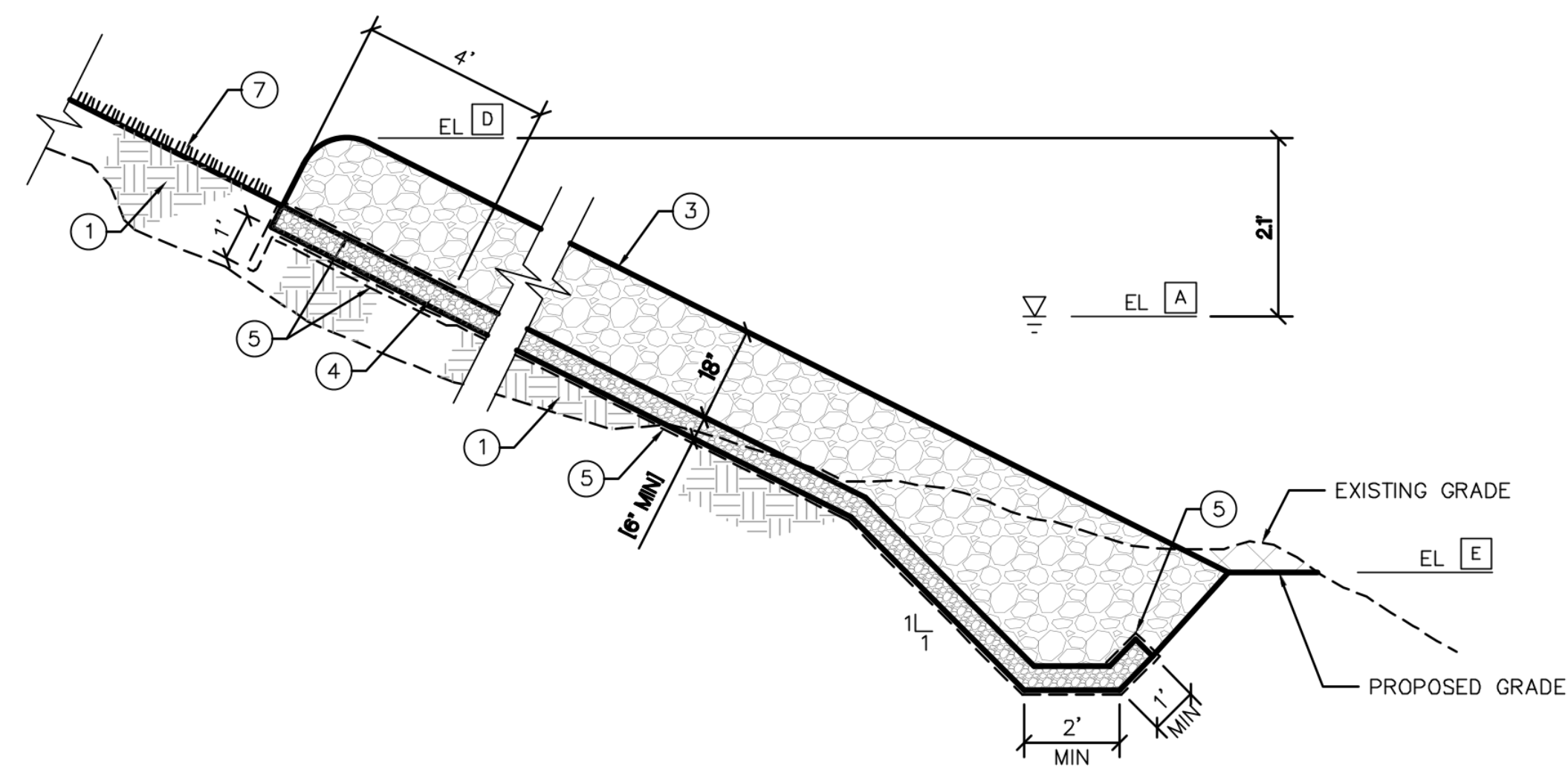
LITTLE RANCHES  
 BRIDGE DEMOLITION

VILLAGE OF WELLINGTON

PROPOSED GRADING  
 PLAN AND SECTION

OCTOBER 2025

**C3-1**



1 RIPRAP TREATMENT  
C5-1 SCALE: 1" = 3'

**SCHEDULE: ELEVATIONS**

MARK	ELEVATION	DESCRIPTION	REMARKS
A	13.4	DESIGN HIGH [OR HISTORICAL HIGH, WHICHEVER IS HIGHER] WATER LEVEL	OPTIONS 1, 2 & 3
B		TOP ELEVATION OF RIPRAP [OPTION 1]	OPTION 1 – GABION & RIPRAP TREATMENT
C		TOP OF GABION ELEVATION	OPTION 1 – GABION & RIPRAP TREATMENT
D	15.5	TOP ELEVATION OF RIPRAP [OPTION 2]	OPTION 2 – RIPRAP TREATMENT
E	4.7	BOTTOM ELEVATION OF RIPRAP	OPTION 2 – RIPRAP TREATMENT
F		TOP ELEVATION OF SPARTINA PLANTINGS	OPTION 3 – VEGETATIVE STABILIZATION TREATMENT
G		BOTTOM ELEVATION OF SPARTINA PLANTINGS	OPTION 3 – VEGETATIVE STABILIZATION TREATMENT
H		TOP ELEVATION OF HPTRM	OPTION 3 – VEGETATIVE STABILIZATION TREATMENT
I		BOTTOM ELEVATION OF HPTRM	OPTION 3 – VEGETATIVE STABILIZATION TREATMENT

**KEY NOTES:**

MARK	DESCRIPTION	REMARKS
①	EMBANKMENT FILL MATERIAL	PLACE EXCAVATED MATERIAL TO MEET PROPOSED GRADE PER SPECIFICATION SECTION 02200
②	GEOSYNTHETIC REINFORCEMENT	GEOSYNTHETIC REINFORCEMENT PER FDOT SECTION 145 AND INDEX 501 [SEE NOTE 9 TO DESIGNER]
③	RIPRAP, MIN THICKNESS = 1.5D	RIPRAP SHALL BE TYPE B PER SPECIFICATION SECTION 02370
④	BEDDING STONE, 6" THICK (TYP)	BEDDING STONE SHALL BE PER SPECIFICATION SECTION 02370
⑤	FILTER FABRIC	FILTER FABRIC PER SPECIFICATION SECTION 02370
⑥	GABION BASKET	PROVIDE GABION BASKET(S) FOR TOE-IN OF RIPRAP PER SPECIFICATION SECTION 02272
⑦	VEGETATIVE TREATMENT	PER SPECIFICATION SECTION 02920
⑧	SPARTINA PLANTINGS	PLANT FIVE (5) ROWS @ 18" ON CENTER AND STAGGERED BOTTOM ROW 1' (MAX) BELOW THE AVERAGE WATER ELEVATION
⑨	HIGH PERFORMANCE TURF REINFORCEMENT MAT	PER SPECIFICATION SECTION 02278

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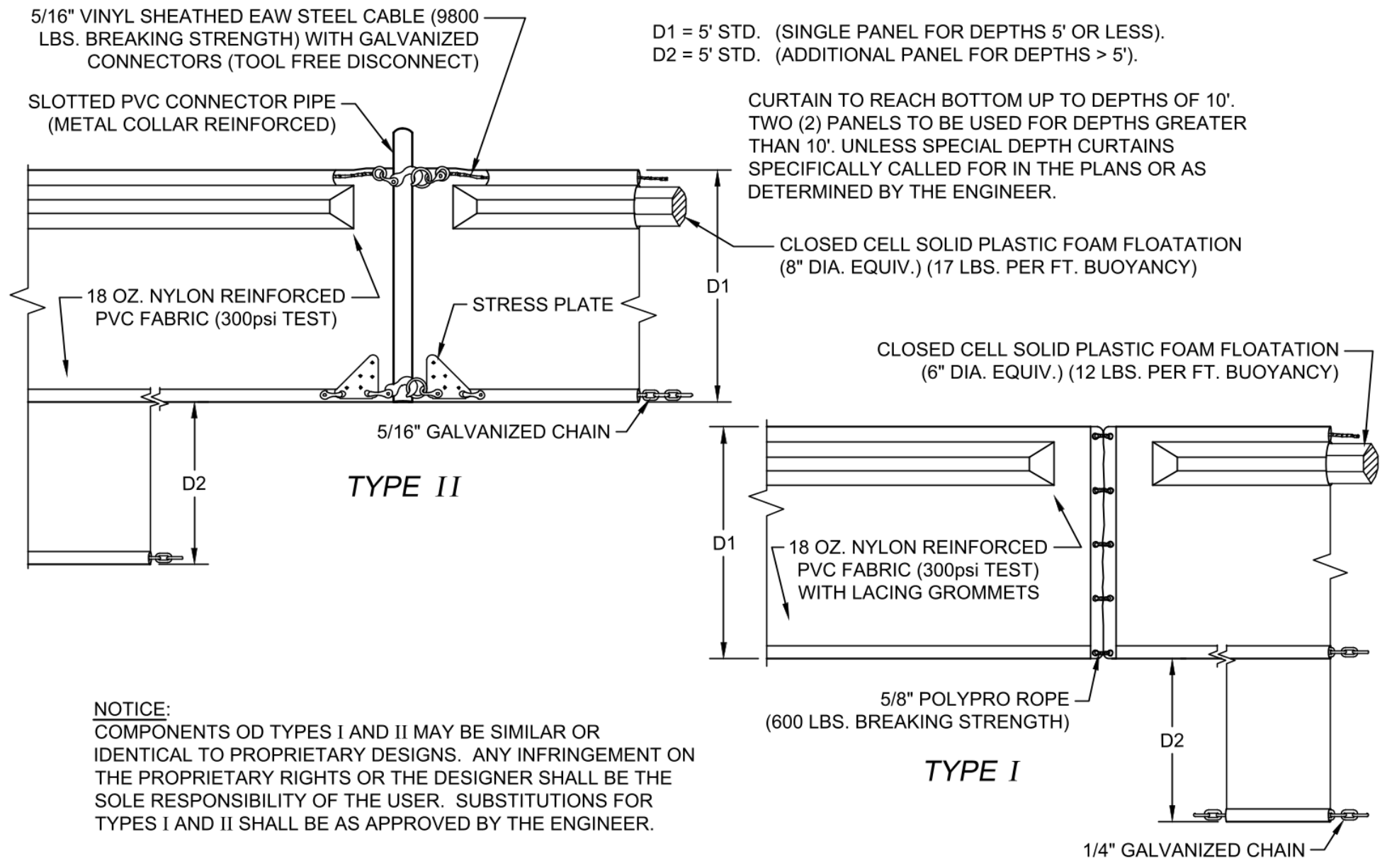
LITTLE RANCHES  
BRIDGE DEMOLITION

VILLAGE OF WELLINGTON

SFWMD DETAILS

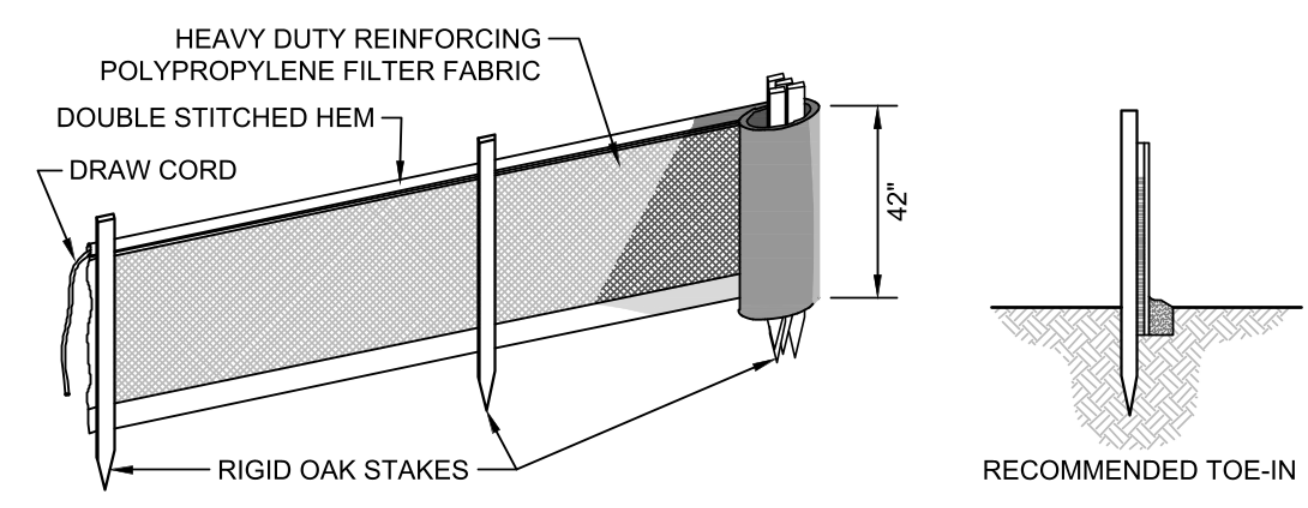
OCTOBER 2025

**C5-1**

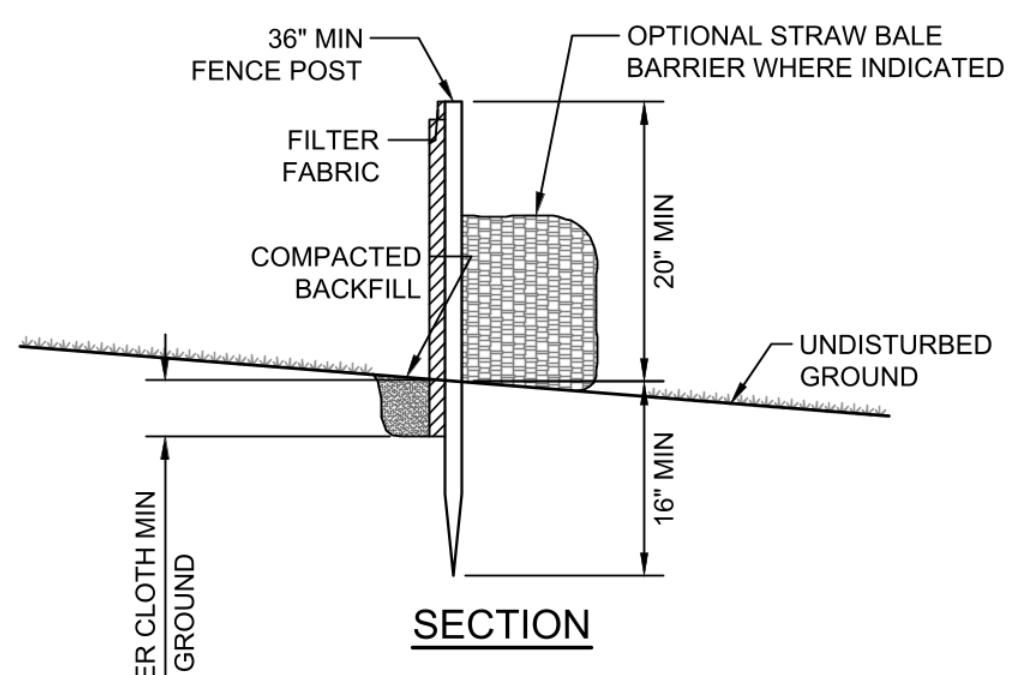


NOTICE:  
COMPONENTS OF TYPES I AND II MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OR THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES I AND II SHALL BE AS APPROVED BY THE ENGINEER.

1 FLOATING TURBIDITY BARRIER  
C5-2 NTS



POSTS:  
STEEL, EITHER "T" OR "U" TYPE OR 2" HARDWOOD  
FILTER FABRIC: PER FDOT STANDARD SPECIFICATION PER FDOT INDEX 102  
PREFABRICATED UNIT: GEOFAB, ENVIRO-FENCE, OR APPROVED EQUAL



2 SILT FENCE DETAIL  
C5-2 NTS

NOTES

1. FILTER FABRIC FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO POSTS WITH TIES SPACED EVERY 24 INCHES AT TOP AND MID. SECTION. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE OR DEPTH OF ACCUMULATED SEDIMENT REACHES 6 INCHES.
4. SILT FENCE SHALL BE INSTALLED PER MANUFACTURES SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION AND SHALL NOT BE REMOVED UNTIL CONSTRUCTION IS COMPLETE.
5. THE CONTRACTOR SHALL INSPECT AND REPAIR THE SILT FENCE AFTER EACH RAIN EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
6. REMOVED SEDIMENT SHALL BE DEPOSITED IN AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFFSITE AND CAN BE PERMANENTLY STABILIZED.
7. THE SILT FENCE SHALL BE PLACED ON SLOPE CONTOUR TO MAXIMIZE ITS PONDING EFFICIENCY.
8. IF DITCH LEVEL IS DEEPER THAN 30", THEN A FLOATING SILT SCREEN SHALL BE USED.

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VILLAGE OF WELLINGTON

SWPPP DETAILS

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**C5-2**