

TOWN OF MEDLEY



CONTRACT PLANS

LS-0304 LEHIGH LAKE (LAKE LOWELL) SHORELINE REPAIR PROJECT

10601 NW 105th Way, Medley, FL 33178

MIAMI-DADE COUNTY - FLORIDA

CIP PROJECT No. LS-0304



PROJECT LOCATION MAP N.T.S.

CONTRACT SET HURRICANE IRMA REPAIRS

DEO AGREEMENT No. IR012

PENSACO

SHALL BE RESPONSABLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-G001-G004, D001, S001-S004, C001-C003,

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED THE SIGNATURE MUST BE VERIFIED IN THE ELECTRONIC DOCUMENTS.

TOWN COUNCIL:

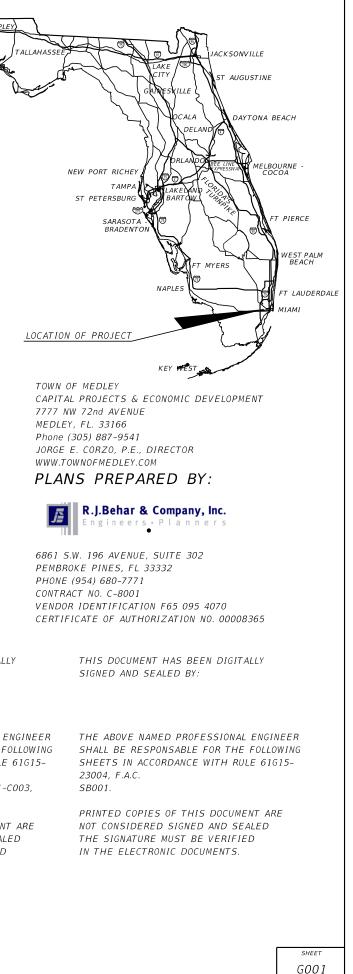
MAYOR:	ROBERTO MARTELL
VICE-MAYOR:	IVAN PACHECO
COUNCILPERSON:	EDGAR AYALA
COUNCILPERSON:	YESENIA MARTINEZ
COUNCILPERSON:	LIZELH AYALA

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





GENERAL NOTES

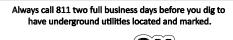
- 1. ALL CONSTRUCTION SHALL CONFORM TO ALL LOCAL, COUNTY, STATE OF FLORIDA AND NATIONAL CODES.
- VERIFICATION PRIOR TO PROCEEDING WITH THE WORK.
- ENGINEER.
- 4. THE CONTRACTOR SHALL MAINTAIN ACCURATE AND COMPLETE RECORDS OF WORK ITEMS COMPLETED.
- 5. ALL "AS- BUILT" INFORMATION SUBMITTED TO THE TOWN OF MEDLEY SHALL BE ACCURATE, CLEAR, AND LEGIBLE TO THE SATISFACTION OF THE TOWN ENGINEER. THE INFORMATION SUBMITTED SHALL PROVIDE A TRUE REPRESENTATION OF THE IMPROVEMENTS PERFORMED.
- 6. ALL WORK FOR THIS PROJECT SHALL CONFORM TO THE CONTRACT DOCUMENTS AND AS DESCRIBED IN THE DRAWINGS, GENERAL NOTES, AND TECHNICAL SPECIFICATIONS.

SURVEY NOTES

- WHICH IS AVAILABLE FOR CONTRACTOR USE UPON REQUEST.
- 2. THE ELEVATIONS HEREON ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929, AS PER MIAMI-DADE COUNTY'S BENCHMARK. BENCHMARK M-101, ELEVATION 7.22 FEET.
- EAST ZONE, NORTH AMERICAN DATUM (NAD) OF 1983/90 ADJUSTMENT.

UTILITY NOTES

- 1. THE CONTRACTOR SHALL CONTACT FLORIDA SUNSHINE ONE CALL TO VERIFY UNDERGROUND UTILITIES.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF REPAIRING ALL DAMAGED UTILITIES.
- 3. THE CONTRACTOR SHALL USE CAUTION WHEN WORKING NEAR OVERHEAD OR UNDERGROUND UTILITIES.
- 4. THE CONTRACTOR OR SUBCONTRACTOR MUST NOTIFY FPL IN WRITING PRIOR COMMENCEMENT OF ANY CONSTRUCTION NEAR ANY PRE- EXISTING UNDERGROUND OR OVERHEAD POWER LINES.





REVISIONS DESCRIPTION

DATE

R.J. Behar & Company, Inc. Engineers • Planners 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FL 33332 ROBERT J. BEHAR, P.E. LICENSE NO. 21755 CERTIFICATE OF AUTHORIZATION NO. 00008365



Capital Projects & Economic Developmer 7777 NW 72nd avenue MIAMI, FLORIDA 33166

(305)887-9541

LAKESIDE RETIREMENT CENTER			
10601 NW 105th Way, Medley, FL 33178			
PROJECT NAME	PROJECT ID No.	DESIGNED:	
LEHIGH LAKE SHORELINE	16 0304	CHECKED:	
REPAIRS (HURRICANE IRMA)	LS - 0304	RJB PROJECT	
icruzgoncia 11/24/2020			

11/24/2020

DATE:

2. IF ACTUAL FIELD CONDITIONS VARY FROM THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR

3. PRIOR TO CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL BY THE

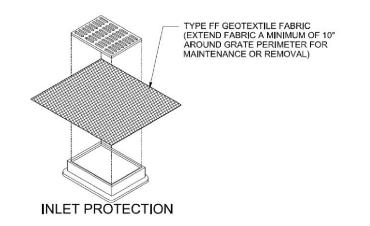
1. THESE DRAWINGS HAVE BEEN ADOPTED FROM THE TOPOGRAPHIC SURVEY OF LAKESIDE COMMUNITY RETIREMENT PARK PREPARED BY HADONNE CORPORATION PROFESSIONAL LAND SURVEYORS AND MAPPERS DATED JUNE 28, 2018,

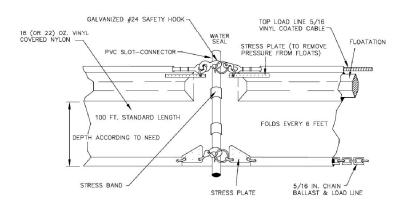
3. BEARINGS AND COORDINATES ARE RELATIVE TO THE FLORIDA STATE PLANE COORDINATES. FLORIDA

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<u>11/25/2020</u> <u>J.C.</u> <u>J.L.</u> <u>J.H.V.</u> No.: <u>20053</u>	GENERAL .	NOTES	drawing no. 2 sheet G002
6:27:58 PM	0:\20053 Lehigh Lakes Segment 2	<pre>2\cadd\ROADWAY\GNNTRD01.d</pre>	an

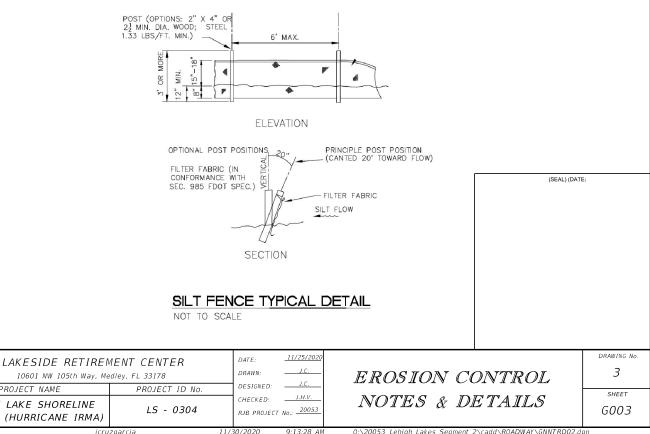
GENERAL EROSION & SEDIMENT CONTROL NOTES

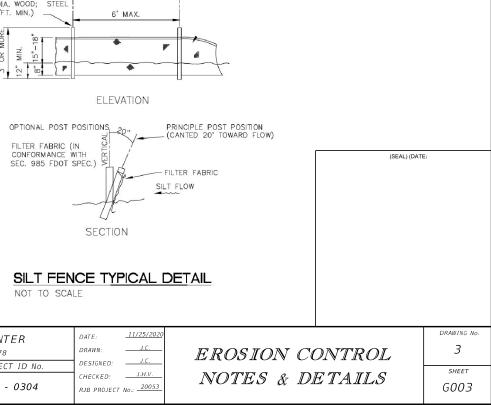
- 1. THE CONTRACTOR SHALL PREPARE AND OBTAIN APPROVAL OF AN EROSION AND SEDIMENT CONTROL PLAN IN ACCORDANCE WITH SPECIFICATION SECTION 02435, AND THESE PLANS.
- 2. ALL PRACTICAL AND NECESSARY EFFORTS SHALL BE MADE DURING CONSTRUCTION TO CONTROL AND PREVENT EROSION AND TRANSPORT OF SEDIMENT MATERIAL TO ANY WATER BODY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RESTORATION EFFORTS THAT MAY BE REQUIRED.
- 3. PROVIDE ALL DISTURBED AREAS WITHIN THE LIMITS OF THE WORK WITH TEMPORARY SOIL EROSION CONTROL AND SEDIMENT CONTROL. UTILIZE EARTH DAMS AND PONDS, GRADE TO DRAIN SWALES, SETTLING BASINS, SILT FENCES, HAY BALE FILTERS, ETC. SOD SHALL BE PLACED IN AREAS WHICH MAY REQUIRE IMMEDIATE EROSION PROTECTION TO ENSURE WATER QUALITY STANDARDS ARE MAINTAINED. TREAT ALL SOIL SURFACES IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AFTER GRADING
- 4. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE AND MAINTAINED THROUGH PROJECT COMPLETION
- 5. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND AIR AND WATER POLLUTION WILL BE MINIMIZED. FEDERAL. STATE. AND LOCAL LAWS SHALL BE COMPLIED WITH AT ALL TIMES
- 6. MINIMIZE THE AMOUNT OF BARE SOIL EXPOSED AT ONE TIME AND INSTALL SOIL EROSION CONTROL FENCES AS SHOWN AND IN SUCH A MANNER AS TO CAPTURE AND FILTER SURFACE WATER DURING CONSTRUCTION.
- 7. REPLACE OR TREAT UNSUITABLE SOILS BEFORE REVEGETATING DISTURBED AREAS. SEE PROJECT SPECIFICATIONS FOR SOIL REQUIREMENTS.
- 8. ALL NEW EROSION AND SILT CONTROL METHODS AND LOCATIONS INDICATED ON THESE DRAWINGS ARE FOR STARTUP AND GENERAL REFERENCE AND SHALL BE ADJUSTED, AS REQUIRED, TO SUIT THE PROCESS OF THE CONSTRUCTION
- 9. ALL DISTURBED AREAS WITHIN THE LIMITS OF CONSTRUCTION SHALL RECEIVE VEGETATIVE TREATMENT AFTER FINAL GRADING IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. ALL AREAS OF TEMPORARY CONSTRUCTION ARE TO BE SODDED IN ACCORDANCE WITH SPECIFICATION SECTION 02920.
- 10. 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 OF EROSION AND WATER POLLUTION THROUGHOUT THE CONSTRUCTION PHASE
- 11. THE TYPE OF EROSION CONTROL BARRIERS USED SHALL BE GOVERNED BY THE NATURE OF THE CONSTRUCTION OPERATION AND SOIL TYPE THAT WILL BE EXPOSED. TURBID WATER DISCHARGE, WHILE SANDY MATERIAL MAY NEED ONLY SILT SCREEN OR HAY BALES TO PREVENT EROSION. FLOATING TURBIDITY CURTAINS SHOULD BE USED IN OPEN WATER SITUATIONS. DIVERSION DITCHES OR SWALES MAY BE REQUIRED TO PREVENT TURBID STORM WATER RUNOFF FROM BEING DISCHARGED TO WETLAND OR OTHER WATER BODIES. IT MAY BE NECESSARY TO EMPLOY A COMBINATION OF BARRIERS, DITCHES, AND OTHER EROSION/TURBIDITY CONTROL MEASURES IF CONDITIONS WARRANT
- 12. WHERE PUMPS ARE TO BE USED TO PUMP TURBID WATERS FROM THE CONSTRUCTION AREA, THE WATER SHALL BE TREATED TO REDUCE TURBIDITY TO STATE WATER QUALITY STANDARDS PRIOR TO DISCHARGE INTO CANALS.
- 13. THE CONTRACTOR SHALL PROVIDE ROUTINE MAINTENANCE OF PERMANENT AND TEMPORARY EROSION CONTROL FEATURES UNTIL THE PROJECT IS COMPLETE AND ALL BARE SOIL IS STABILIZED. SILT ACCUMULATIONS GREATER THAN ONE-HALF THE DEPTH OF THE SILTATION CONTROL BARRIER SHALL BE IMMEDIATELY REMOVED AND PLACED IN AREAS APPROVED BY THE CONTRACTING OFFICER. THE CONTRACTOR SHALL REMOVE SILT FROM SITE IF NOT REUSABLE.
- 14. 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 WATER RETURNS TO BACKGROUND LEVELS BASED ON VISUAL INSPECTION
- 15. THE CONTRACTOR SHALL PROVIDE SILTATION REDUCTION DEVICES FOR THE DISCHARGE FROM THE DEWATERING PROCESS SO THAT DIRECT DISCHARGE DOES NOT OCCUR.
- 16. DURING THE CONSTRUCTION OF DRAINAGE STRUCTURES, AND OTHER STRUCTURES REQUIRING EXCAVATION, THE CONTRACTOR SHALL PLACE STRAW BALES AROUND SUCH STRUCTURES TO PREVENT EROSION AND THE MIGRATION OF SEDIMENT TO POINTS OUTSIDE THE CONSTRUCTION AREA.
- 17. PRIOR TO AND DURING CONSTRUCTION, THE CONTRACTOR SHALL PLACE STRAW BALES AT THE UPSTREAM END OF ALL STORM SEWER PIPES UNTIL INLETS ARE COMPLETED.
- 18. THE CONTRACTOR SHALL SOD PER SPECIFICATION SECTION 02920, IMMEDIATELY AFTER CONSTRUCTION IS COMPLETED.
- 19. THE CONTRACTOR SHALL CHECK ALL EROSION AND SILTATION CONTROL DEVICES AFTER EACH RAINFALL AND REPAIR OR REPLACE THEM AS REQUIRED AT CONTRACTOR'S EXPENSE.
- 20. DURING THE LAYOUT OF SEDIMENT CONTROLS, FIELD ADJUSTMENTS SHALL BE MADE AS REQUIRED, SUBJECT TO ENGINEER APPROVAL, TO ACCOMMODATE ACTUAL FIELD CONDITIONS.
- 21. INSTALL SILT FENCE AT THE TOE OF ALL EMBANKMENT SLOPES AND/OR LIMITS OF CONSTRUCTION. WHICH HAVE NOT BEEN STABILIZED WITH PERMANENT VEGETATION.
- 22. THE CONTRACTOR SHALL PROVIDE DUST CONTROL AND PROTECT ADJACENT ROADS FROM ACCUMULATION OF SOIL.
- 23. THE REQUIREMENTS LISTED ABOVE SHALL BE CONSIDERED MINIMUM REQUIREMENTS, AND THE CONTRACTOR SHALL USE WHATEVER METHODS THE CONTRACTOR OR THE TOWN DEEMS NECESSARY TO PREVENT EROSION AND SILTATION AS MAY BE REQUIRED FOR THE PROJECT. ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED AT THE CONTRACTOR'S EXPENSE.
- 24. UNLESS OTHERWISE NOTED IN THESE PLANS AND/OR CONTRACT DOCUMENTS, EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS





TURBIDITY BARRIER DETAIL NOT TO SCALE





	REVISIONS	
DATE	DESCRIPTION	
1		

R.J. Behar & Company, Inc. Engineers • Planners 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FL 33332 ROBERT J. BEHAR, P.E. LICENSE NO. 21755 CERTIFICATE OF AUTHORIZATION NO. 00008365



Capital Projects & Economic Developm 7777 NW 72nd avenue MIAMI, FLORIDA 33166 (305)887-9541

IFHIGH LAKE SHORELINE REPAIRS (HURRICANE IRMA)

PROJECT NAME

zgarcia	11/30/2020

0:\20053_Lehigh Lakes Segment 2\cadd\R0ADWAY\GNNTR

TOWN	SUMMARY OF ROADWAY			
BID No.	DESCRIPTION	UNIT	WALL 2	GRAND TOTAL
1	MOBILIZATION	LS	1	1
2	MAINTENANCE OF TRAFFIC	LS	1	1
3	DEMOLITION (REMOVAL OF EXISITNG CONCRETE)	SY	160	160
4	CLEARING AND GRUBBING	AC	0.16	0.16
5	SEDIMENT BARRIER	LF	360	360
6	FLOATING TURBIDITY BARRIER	LF	433	433
7	INLET PROTECTION SYSTEM	EA	3	3
8	EARTHWORK – CHANNEL EXCAVATION	СҮ	987	987
9	SIGNING AND PAVEMENT MARKING	LS	1	1
10	TYPE "B" STABILIZATION 12" (LBR OF 40)	SY	441	441
11	8" LIMEROCK BASE	SY	441	441
12	MILLING EXISTING ASPHALT PAVEMENT, 1" AVERAGE DEPTH	SY	356	356
13	S-III ASPHALT	ΤN	73	73
14	# 57 STONE	СҮ	490	490
15	GUARDRAIL TRANSITION (INCLUDING FOUNDATION AND BACK-FENCE)	LF	58	58
16	ALUMINUM PEDESTRIAN/BICYCLE BULLET RAILING	LF	360	360
17	CONCRETE BULKHEAD CLASS IV	СҮ	383	383
18	REBAR-BULKHEAD	LB	32,946	32946
19	FILTER FABRIC	SF	12,572	12572
20	FLOWABLE FILL	СҮ	175	175
21	TREMIE CONCRETE (OPTIONAL)	СҮ	60	60
22	GROUT PRECAST	СҮ	1.5	1.5

NOTE: THESE QUANTITIES ARE ONLY FOR INFORMATION PURPOSES.

	SUMMARY OF PAY ITEMS			
TOWN	SIGNING AND PAVEMENT MARKINGS (LUMP SUM)			
BID No.	DESCRIPTION	UNIT	WALL 2	GRAND TOTAL
9	SINGLE POST SIGN F & I	EA/LS	1	1
9	SINGLE POST SIGN REMOVE	EA/LS	1	1
9	THERMOPLASTIC, STANDART - OPEN GRADED ASPHALT SURFACES. WHITE, SOLID, 6"	GM/LS	1.36	1.4
9	THERMOPLASTIC, OPEN SURFACES, YELLOW, SKIP,SOLID, 6"	GM/LS	0.069	0.07

NOTE: THESE QUANTITIES ARE ONLY FOR INFORMATION PURPOSES.

REVISIONS DESCRIPTION

DATE

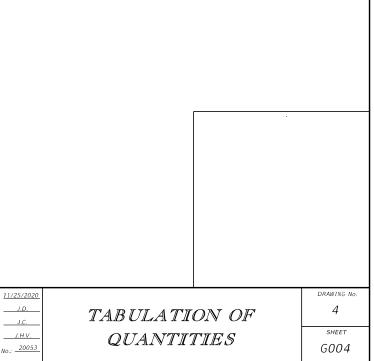
R.J. Behar & Company, Inc. Engineers • Planners 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FL 33332 ROBERT J. BEHAR, P.E. LICENSE NO. 21755 CERTIFICATE OF AUTHORIZATION NO. 00008365



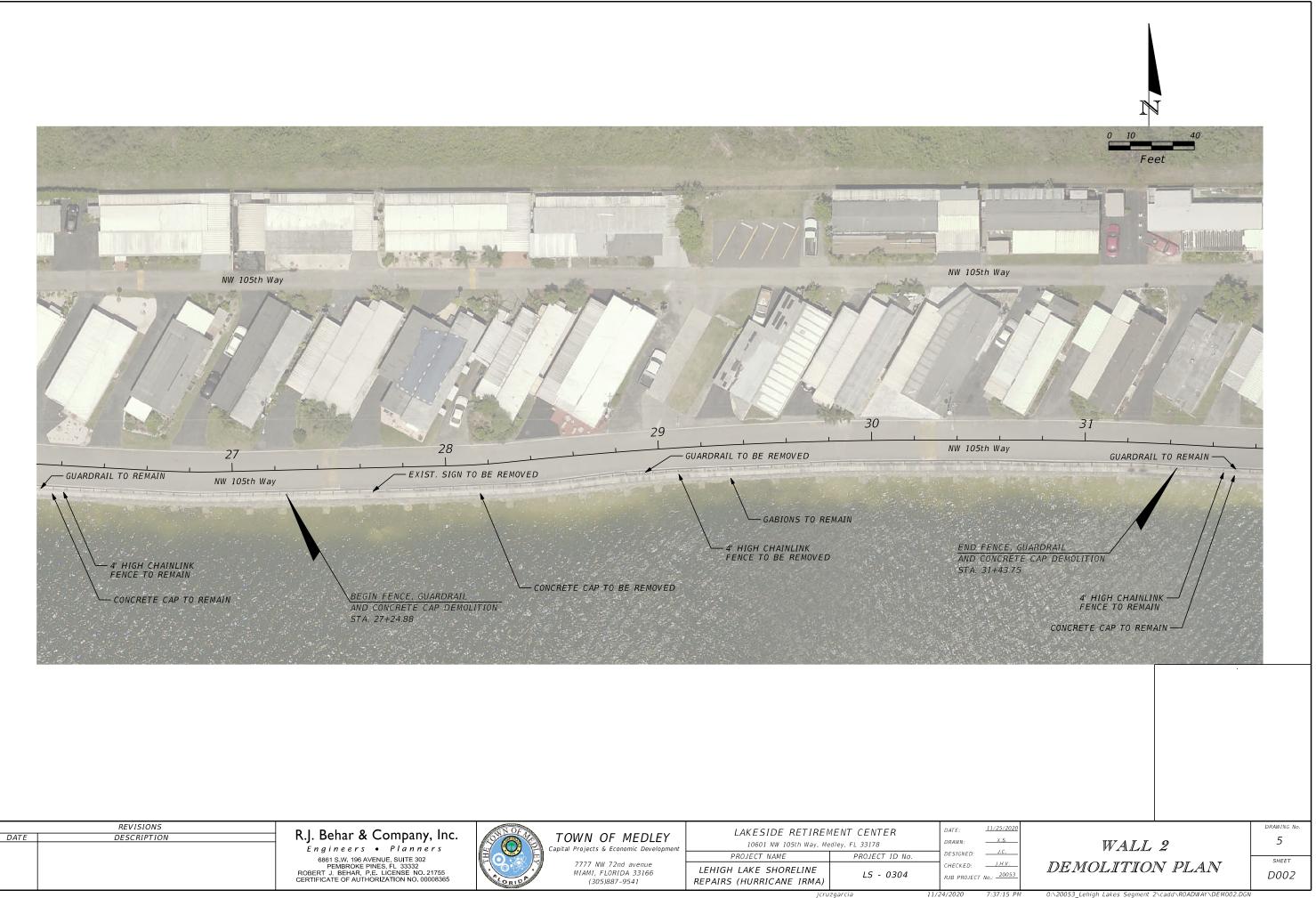
TOWN OF MEDLEY Capital Projects & Economic Development 7777 NW 72nd avenue MIAMI, FLORIDA 33166 (305)887-9541

LEHIGH REPAIRS

LAKESIDE RETIREN	DATE:	<u>11/25/2020</u>	
10601 NW 105th Way, Medley, FL 33178		DRAWN:	J.D
PROJECT NAME	PROJECT ID No.	DESIGNED:	<i>J.C.</i>
GH LAKE SHORELINE RS (HURRICANE IRMA)	LS - 0304	CHECKED: RJB PROJECT	<u>J.H.V.</u> No.: <u>20053</u>
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GENERAL NOTES:

- 1. DESIGN IS IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2014 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 2018 FDOT STRUCTURES MANUAL, AND FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
- 2. VERIFY ALL FIELD DIMENSIONS BY MEASUREMENT AT THE JOB SITE BEFORE SUBMITTING SHOP DRAWINGS.
- 3. SEE GEOTECHNICAL GENERAL NOTES ON THIS SHEET BEFORE SUBMITTING SHOP DRAWINGS.
- 4. DO NOT PLACE PRECAST SECTIONS OR CONCRETE WITHOUT APPROVED STRUCTURAL SHOP DRAWINGS.
- 5. NOTES AND TYPICAL DETAILS APPLY TO ALL STRUCTURAL WORK, UNLESS OTHERWISE NOTED.
- 6. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE TECHNICAL SPECIFICATION AND THE FDOT STANDARD SPECIFICATIONS. IF THERE IS A DISCREPANCY BETWEEN DRAWINGS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER PRIOR TO PERFORMING THE WORK.
- 7. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONAL INFORMATION.
- 8. AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF PERSONS AND PROPERTY. THE ENGINEER'S PRESENCE OR REVIEW OF WORK DOES NOT INCLUDE THE ADEQUACY OF THE CONTRACTOR'S MEANS OR METHODS OF CONSTRUCTION.
- 9. ALL EXISTING DIMENSIONS AND LOCATIONS OF EXISTING STRUCTURES SHOWN ON THE DRAWINGS SHALL BE VERIFIED BY FIELD MEASUREMENTS, ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER. CONTRACTOR SHALL OBTAIN ALL FIELD MEASUREMENTS REQUIRED FOR PROPER FABRICATION AND INSTALLATION OF WORK PRIOR TO DETAILING AND FABRICATION. PRECISE MEASUREMENTS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

10. REUSE OF SALVAGED MATERIALS IS NOT PERMITTED UNLESS SPECIFICALLY APPROVED BY ENGINEER IN WRITING.

11. STATION AND OFFSETS ARE MESURED TO THE BACK OF THE WALL.

GEOTECHNICAL GENERAL NOTES:

- 1. ALL EXCAVATION, BACKFILL, COMPACTION, ETC. SHALL BE IN ACCORDANCE WITH SPECIFICATION 02220.
- 2. SOIL ANALYSIS PER HR ENGINEERING SERVICES, INC. REPORT, DATED 7/24/2018.
- 3. THE DISCOVERY OF ANY SITE AND/OR SUBSURFACE CONDITIONS THAT DEVIATES FROM THE DATA PRESENT ON DRAWING OR THE SOIL ANALYSIS REPORT SHALL BE REPORTED TO THE ENGINEER.
- 4. CONTRACTOR TO EXCAVATE A MINIMUM EXCAVATION OF 3 FEET INTO THE NATURAL LIMESTONE. CONTRACTOR TO NOTIFY ENGINEER OF RECORD PRIOR TO EXCAVATION. CONSTRUCTION SUPERVISION SHALL BE IN ACCORDANCE WITH SPECIFICATIONS 01050 & 01410.
- 5. BEARING ELEVATIONS SHALL BE VERIFIED BY THE GENERAL CONTRACTOR AND APPROVED BY ENGINEER IN WRITING.
- 6. WHERE THERE IS LESS THAN THREE FEET BETWEEN THE FRONT FACE OF THE WALL (LAKE SIDE) AND LAKE FRONT SLOPE, THE CONTRACTOR SHALL REFER TO THE SPECIAL STRUCTURAL DETAIL 2 IN PLANS.
- 7. TEMPORARY SOIL STABILIZATION SYSTEM MAY BE REQUIRED TO SUPPORT THE EXCAVATION FOR THE WALL FOOTING (EXCAVATION VARIES FROM 0 TO 8 FEET DEEP). CONTRACTOR TO PROVIDE SIGN AND SEALED PLANS FOR THE MEANS AND METHOD OF CONSTRUCTION.

GENERAL NOTES FOR PRECAST L-SECTION:

- 1. ALL PRECAST SECTIONS SHALL BE IN ACCORDANCE WITH SPECIFICATION 03410.
- 2. PRECAST SECTIONS SHALL BE DESIGNED TO BE TRANSPORTED AND PLACED USING STANDARD LIFT POINTS.
- 3. CONCRETE STRENGTH AT 28 DAYS (f'c) SHALL BE A MINIMUM OF 5000 PSI.
- 4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION.
- 5. ALL STEEL REINFORCING SHALL HAVE A MINIMUM ULTIMATE TENSILE STRENGTH OF 60,000 PSI (Fy=60,000PSI) AS PER ASTM A165 GRADE 60 DEFORMED BILLET STEEL BAR.
- 6. FOLLOWING THE FABRICATION PROCESS, THE SPECIALTY ENGINEER SHALL SIGN AND SEAL A LETTER STATING THAT THE PRECAST ITEMS HAVE BEEN MANUFACTURED IN GENERAL ACCORDANCE WITH THE SHOP DRAWINGS.

	REVISIONS	
DATE	DESCRIPTION	R.J. Behar & Company, Inc.
		Engineers • Planners
		6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FL 33332 ROBERT J. BEHAR, P.E. LICENSE NO. 21755 CERTIFICATE OF AUTHORIZATION NO. 00008365

GENERAL NOTES FOR CONCRETE:

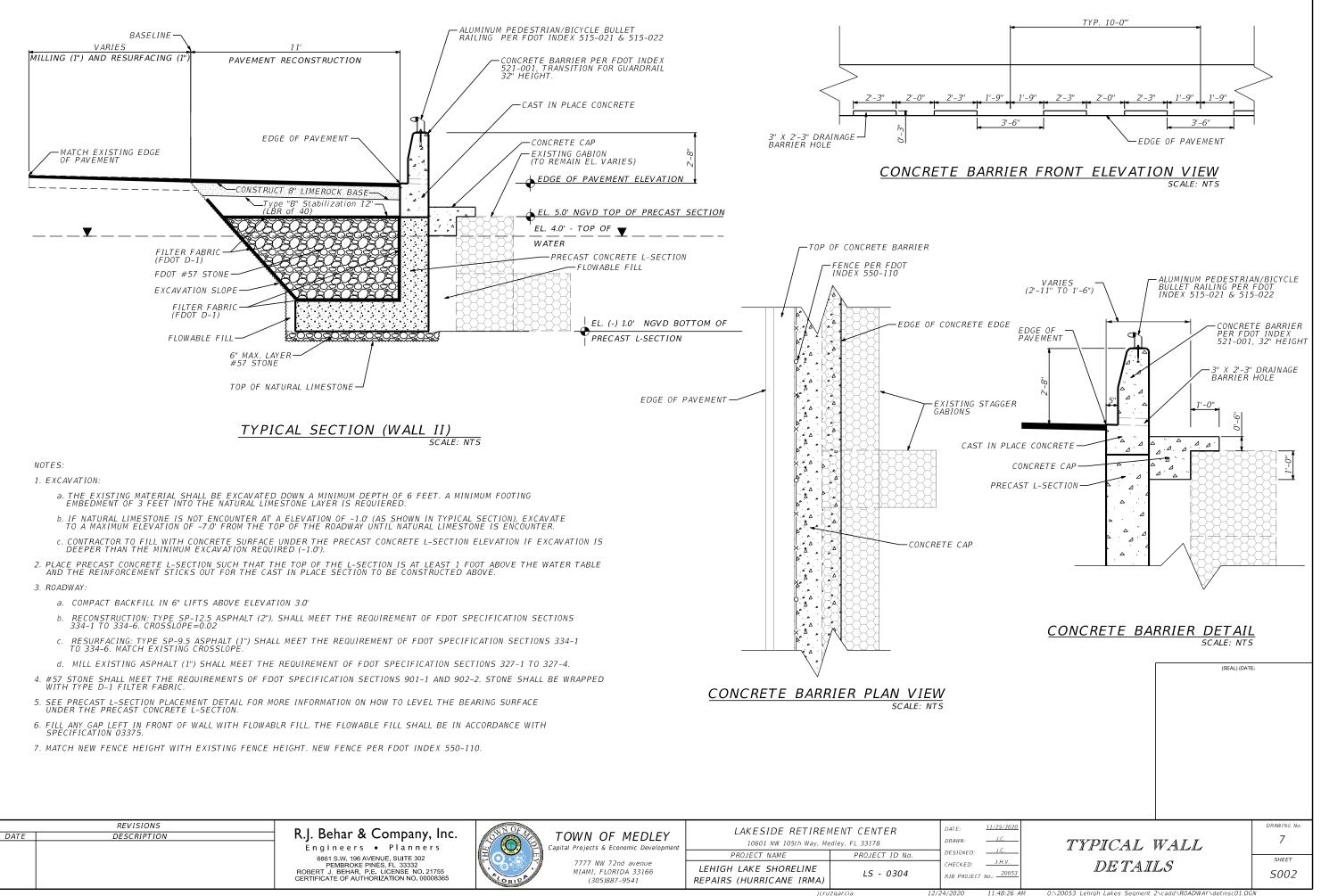
- 1. CONCRETE DESIGN AND BAR DETAIL, WORKMANSHIP, AND GENERAL PROCEDURE OF CONCRETE WORK SHALL BE IN ACCORDANCE WITH ACI 318-14, ACI 315 AND ACI 301, LATEST EDITIONS, UNLESS OTHERWISE NOTED IN SPECIFICATIONS.
- 2. ALL EXPOSED CONCRETE EDGES SHALL BE PROVIDED WITH 3/4" CHAMFER UNLESS OTHERWISE SPECIFIED.
- 3. ALL CONCRETE SHALL BE NORMAL WEIGHT CONCRETE WITH A MAXIMUM UNIT WEIGHT OF 150 POUNDS PER CUBIC FOOT.
- 4. MINIMUM CONCRETE STRENGTH AFTER 28 DAYS SHALL BE 4500 PSI, UNLESS OTHERWISE NOTED. CONCRETE SHALL BE ALLOWED TO ACHIEVE ITS MINIMUM CONCRETE COMPRESSIVE STRENGTH AFTER 28 DAYS PRIOR TO LOADING UNLESS APPROVED BY THE TOWN OR SUBSTANTIATED VIA LABORATORY TESTS VERIFYING THE CONCRETE'S DESIGN STRENGTH.
- 5. ALL STEEL REINFORCING SHALL BE A MINIMUM OF ULTIMATE TENSILE STRENGTH OF 60,000 PSI (Fy = 60,000 PSI) AS PER A.S.T.M. A615 GRADE 60 DEFORMED BILLET STEEL BAR UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL THE NECESSARY CHAIRS, REBAR, TIES, SPACERS, ETC. TO SECURE AND SUPPORT THE REINFORCEMENT WHILE PLACING THE CONCRETE.
- 6. ALL REINFORCEMENT SHALL BE PROPERLY DEVELOPED IN ACCORDANCE WITH ACI 318-14. CONTRACTOR SHALL PROVIDE LAP SPLICES, STANDARD HOOKS, OR ADEQUATE EMBEDMENT AS SHOWN TO ENSURE DEVELOPMENT.
- 7. CLEAR SPACING OF BARS BEING DEVELOPED OR SPLICED NOT LESS THAN TWO BAR DIAMETERS AND CLEAR COVER NOT LESS THAN 3".
- 8. CLASS 'B' SPLICES, IN ACCORDANCE WITH ACI 318-14 SHALL BE USED UNLESS OTHERWISE SHOWN ON THE DRAWINGS OR PERMITTED BY THE ENGINEER.
- 9. CONCRETE PROTECTION FOR REINFORCEMENT: REINFORCEMENT SHALL HAVE MINIMUM CONCRETE COVER, MEASURED FROM CONCRETE SURFACE TO OUTERMOST SURFACE OF STEEL. IN ACCORDANCE WITH ACI 318-14 SECTION 20.6.1.3, AS FOLLOWS:

B. EXPOSED TO WEATHER OR IN CONTACT WITH GROUND FOR No.5 BAR AND SMALLER (No. 6 - No. 18)----- 1-1/2" (2")

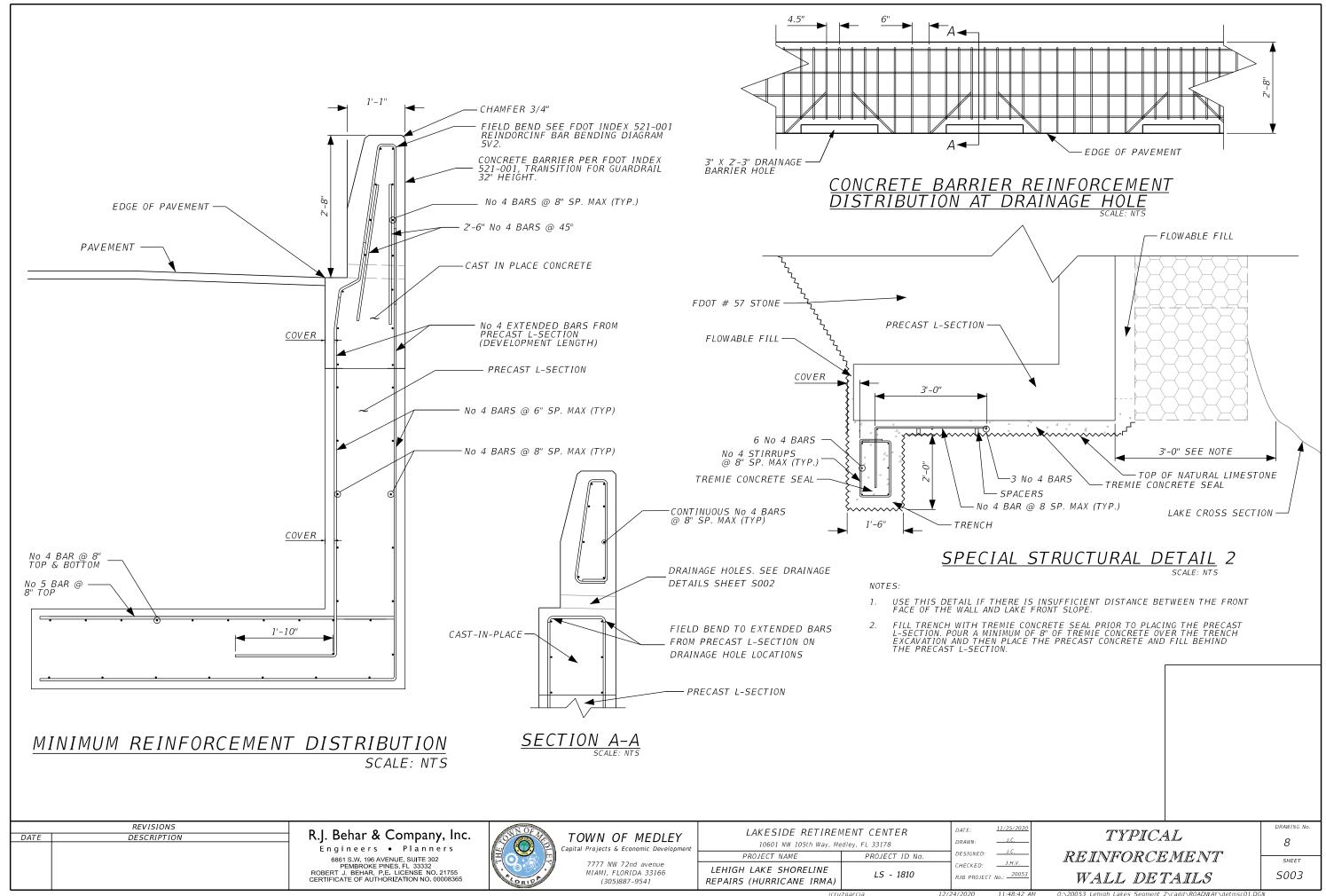
TOWN OF MEDLEY Capital Projects & Economic Development (305)887-9541

7777 NW 72nd avenue MIAMI, FLORIDA 33166

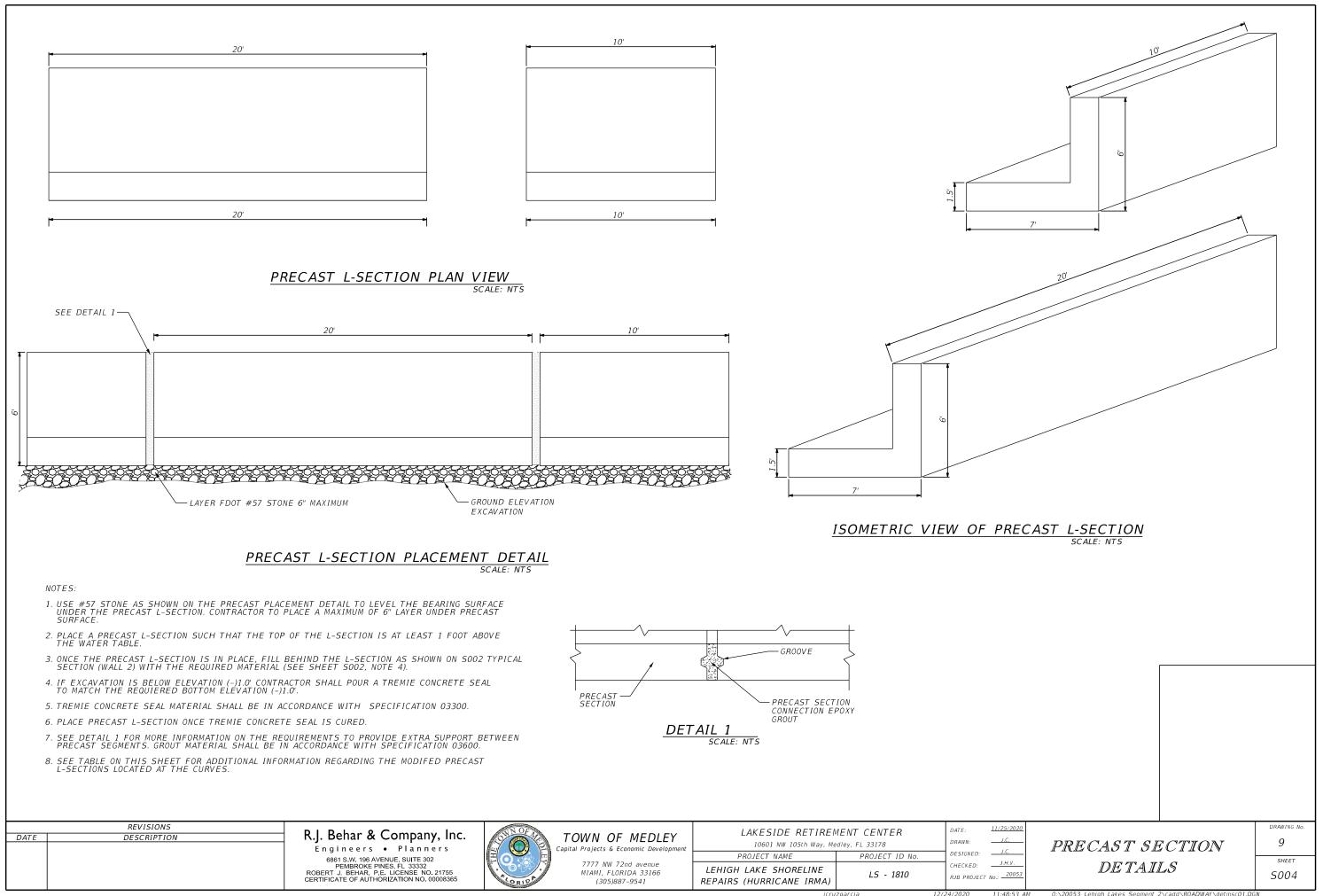
				(SEAL) (DATI	Ξ)
LAKESIDE RETIREN 10601 NW 105th Way, Me		DATE: <u>11/23/2020</u> DRAWN: <u>J.C.</u>			DRAWING No. 6
PROJECT NAME	PROJECT ID No.	DESIGNED: J.C.	STRUCTURAL	L NOTES	SHEET
LEHIGH LAKE SHORELINE REPAIRS (HURRICANE IRMA)	LS - 0304	CHECKED: <u>J.P.R.</u> RJB PROJECT No.: <u>20053</u>			5001
jcru	zgarcia	11/24/2020 7:44:31 PM	0:\20053 Lehigh Lakes Segment 2	<pre> Cadd\ROADWAY\B1GENERALM </pre>	IOTES01.DGN



icruzgarcia	12/24/2020

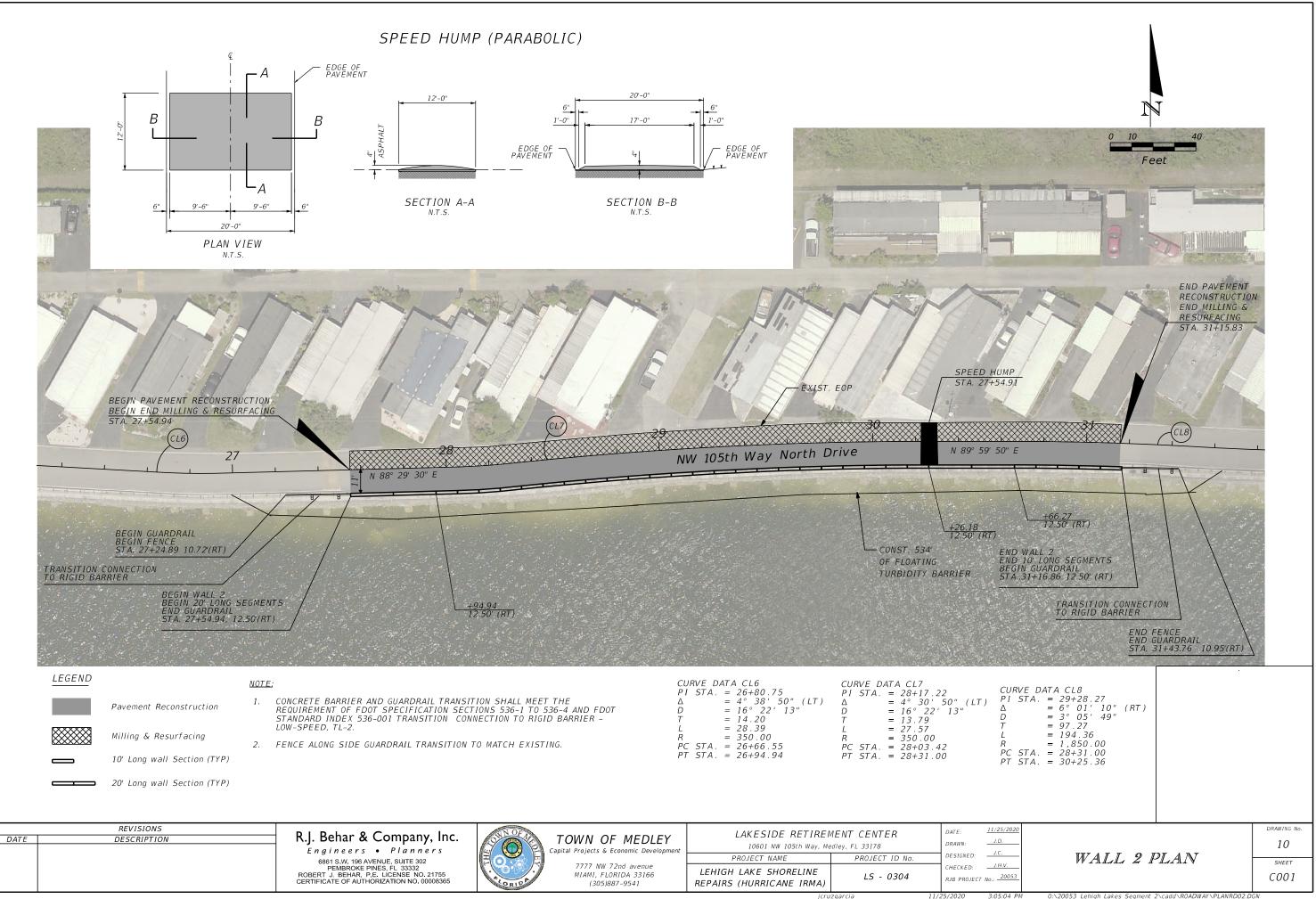


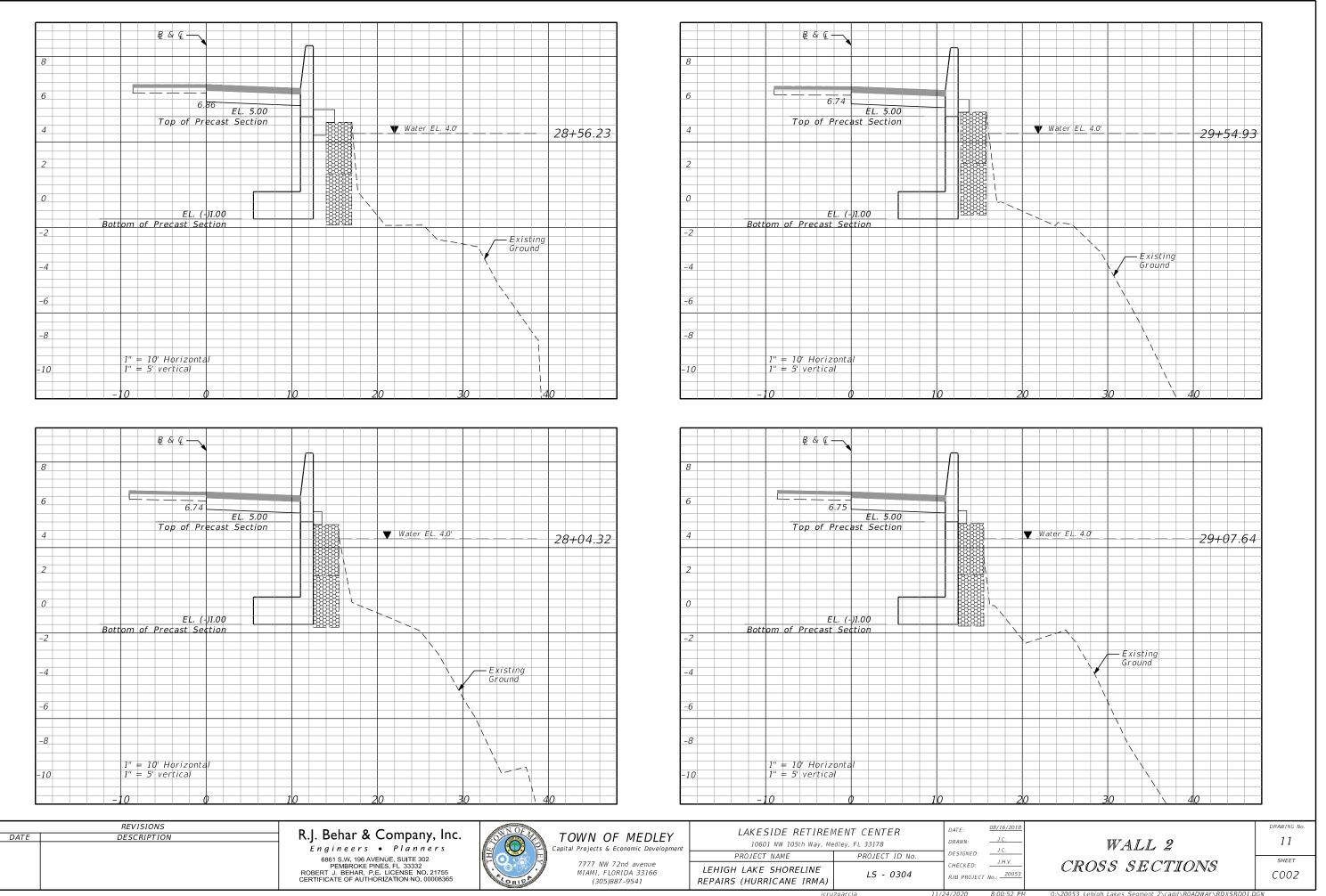
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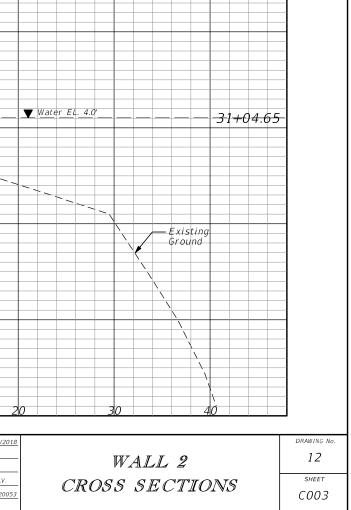
1/24/2020

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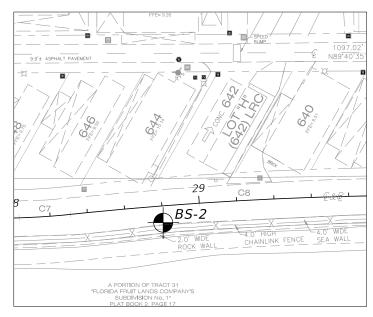
	DESCRIPTION	R.J. Behar & Company, Inc. Engineers • Planners 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FL 33332 ROBERT J. BEHAR, P.E. LICENSE NO. 21755 CERTIFICATE OF AUTHORIZATION NO. 00008365	Capital Projects & Econ 7777 NW 72nc MIAMI, FLORIE	avenue	LAKESIDE RETIREMENT CENTER 10601 NW 105th Way, Medley, FL 33178 PROJECT NAME PROJECT ID No. IGH LAKE SHORELINE LS - 0304	DATE: DRAWN: DESIGN CHECKE
	revisions	10 20 3				
0	1 = 10 Horizontal $1'' = 5' vertical$			-10	1'' = 5' vertical	
3	1" = 10' Horizontal			<i>8</i>	1" = 10' Horizontal	
5				-6		
				-4		
2				-2		
	EL. (-)1.00 Bottom of Precast Section	Ground			EL. (-)1.00 Bottom of Precast Section	
		Existing		0		
<u> </u>				2		
				4		
1	EL. 5.00 Top of Precast Section	₩ Water EL. 4.0'			EL. 5.00 Top of Precast Section	
				6	6.87	
				8		
	₽ & Ç				₽ & Ç	
	-10 0	10 20 3				
0	1'' = 10' Horizontal $1'' = 5' vertical$					
3						
6			Ground			
4			Existing			
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	EL. (-)1.00 Bottom of Precast Section					
	Top of Precast Section	₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩				
	6.85 EL. 5.00					

jcruzgarcia 11/24/20

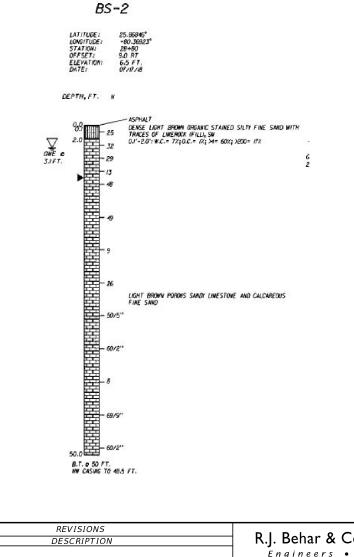
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NOTE: SOIL TEST BORINGS PERFORMED BY H.R. ENGINEERING SERVICES, INC. SEE REPORT OF GEOTECHNICAL EXPLORATION DATED JULY 24, 2018. ELEVATIONS ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.



DATE

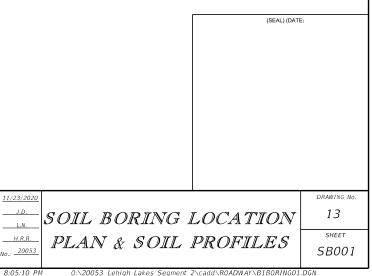
R.J. Behar & Company, Inc. Engineers • Planners 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FL 33332 HERNANDO J. RAMOS, P.E. LICENSE NO. 42045 CERTIFICATE OF AUTHORIZATION NO. 00008365



TOWN OF MEDLEY Capital Projects & Economic Development 7777 NW 72nd avenue MIAMI, FLORIDA 33166

LE RE (305)887-9541

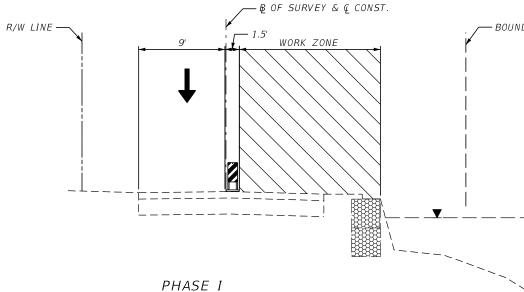
LAKESIDE RETIREN	DATE:	<u>11/2</u>	
10601 NW 105th Way, Me	DRAWN:	J	
PROJECT NAME	PROJECT ID No.	DESIGNED:	
EHIGH LAKE SHORELINE EPAIRS (HURRICANE IRMA)	LS - 0304	CHECKED: RJB PROJECT	<u> </u>



0:\20053_Lehigh Lakes Segment 2\cadd\ROADWA 1 DGI

TRAFFIC CONTROL NOTES

- 1. TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS, THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION (INDEX 102), THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS MINIMUM CRITERIA.
- CONTRACTOR TO NOTIFY THE TOWN OF MEDLEY ENGINEER 14 DAYS PRIOR TO 2. LANE CLOSURES AND/OR DETOURS.
- 3. REGULATORY SPEED ESTABLISHED WITHIN THE WORK ZONE TRAVEL WAYS SHALL BE 10 MPH.
- CONTRACTOR SHALL REMOVE, RELOCATE OR COVER ANY EXISTING OR PROPOSED 4 SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS.
- AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL COVER WORK ZONE 5. SIGNS WHEN CONDITIONS NO LONGER WARRANT THEIR USE.
- 6. DURING PHASE II, SOME PROPERTIES WILL NOT HAVE ACCESS TO THEIR DRIVEWAYS. THIS WILL REQUIRE COORDINATION WITH PROPERTY OWNERS AND/OR RESIDENTS. BEFORE DRIVEWAY CLOSURES, PROPERTY OWNERS AND OR/RESIDENTS SHALL BE NOTIFIED. NOTIFICATIONS SHALL BE MADE (7) DAYS IN ADVANCE OF THE CLOSURE .
- 7. PROPERTY OWNERS AND/OR RESIDENTS AFFECTED DURING EACH PHASE SHALL BE INFORMED HOW TRAFFIC DIRECTION WILL WORK AND THE USE OF TEMPORALLY TRAFFIC SIGNALS.



TRAFFIC CONTROL PHASING

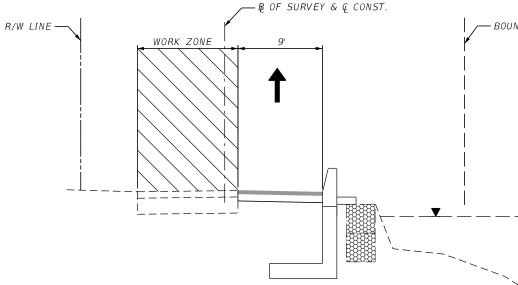
PHASE I. REMOVAL OF EXISTING PAVEMENT AND EXCAVATION * CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH FDOT INDEX 102-603

PHASE II. INSTALLATION OF WALL 2

- * CONTRACTOR SHALL INSTALL WALL 2 AND BACKFILL.
- * CONTRACTOR SHALL MAINTAIN TRAFFIC PER SHEETS TCOO2

PHASE III. MILLING AND RESURFACING

* CONTRACTOR SHALL MAINTAIN TRAFFIC, MILL AND RESURFACE IN ACCORDANCE WITH DOT INDEX 102-603.



PHASE III

REVISIONS DESCRIPTION

DATE

R.J. Behar & Company, Inc. Engineers • Planners 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FL 33332 ROBERT J. BEHAR, P.E. LICENSE NO. 21755 CERTIFICATE OF AUTHORIZATION NO. 00008365



Capital Projects & Economic Development 7777 NW 72nd avenue MIAMI, FLORIDA 33166 (305)887-9541

	LAKESIDE RETIREMENT CENTER 10601 NW 105th Way, Medley, FL 33178				
	PROJECT NAME	PROJECT ID No.			
	LEHIGH LAKE SHORELINE REPAIRS (HURRICANE IRMA)	LS - 0304			
icruzgarcia					

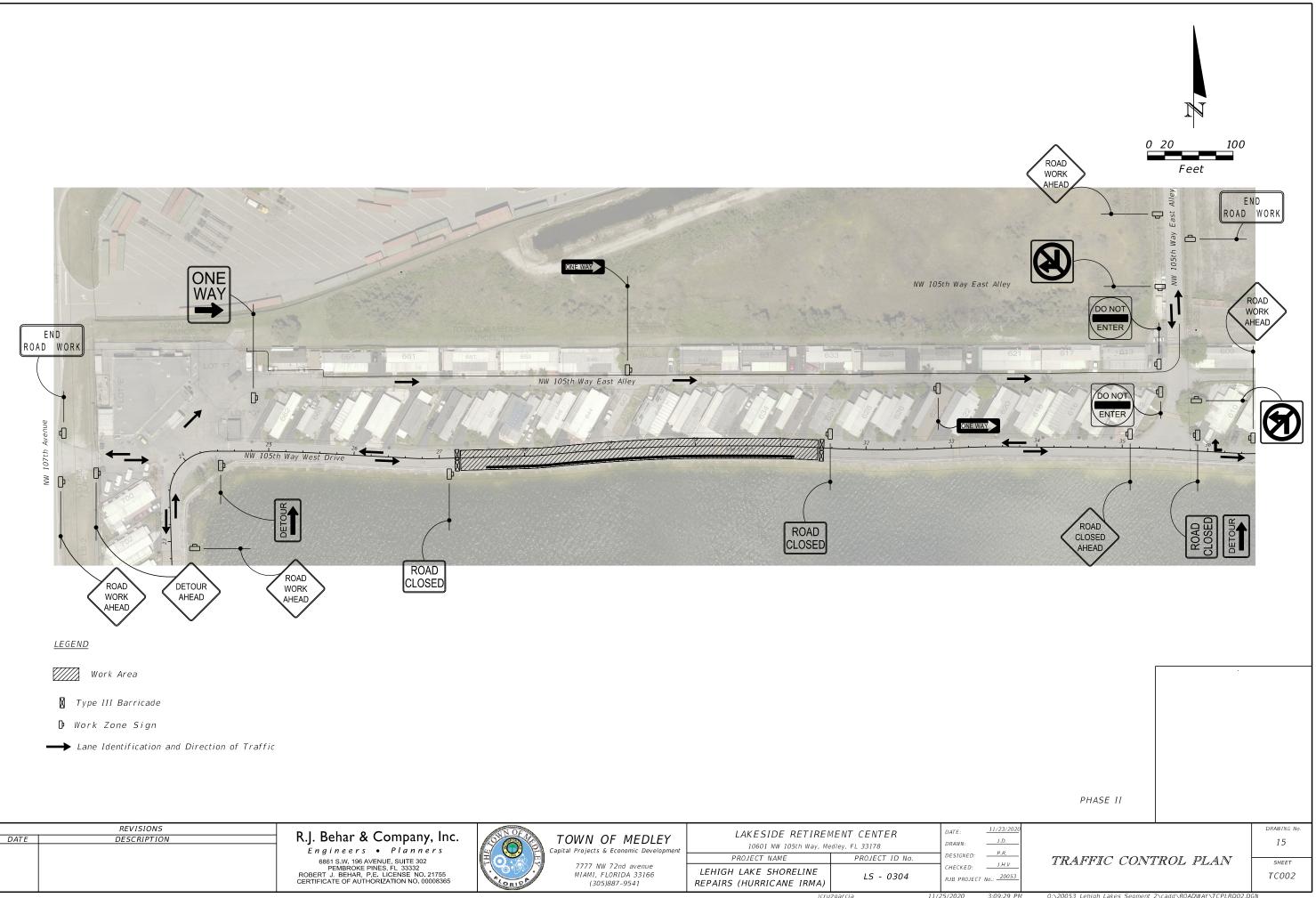
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- BOUNDARY LINE

- BOUNDARY LINE

DATE: DRAWN: DESIGNED:	<u>J.D.</u> P.R.	TRAFFIC CONTROL	DRAWING No. 14
CHECKED:	J.H.V	PLAN	_{sheet}
RJB PROJECT	No.: 20053		TC001

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/25/2020

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