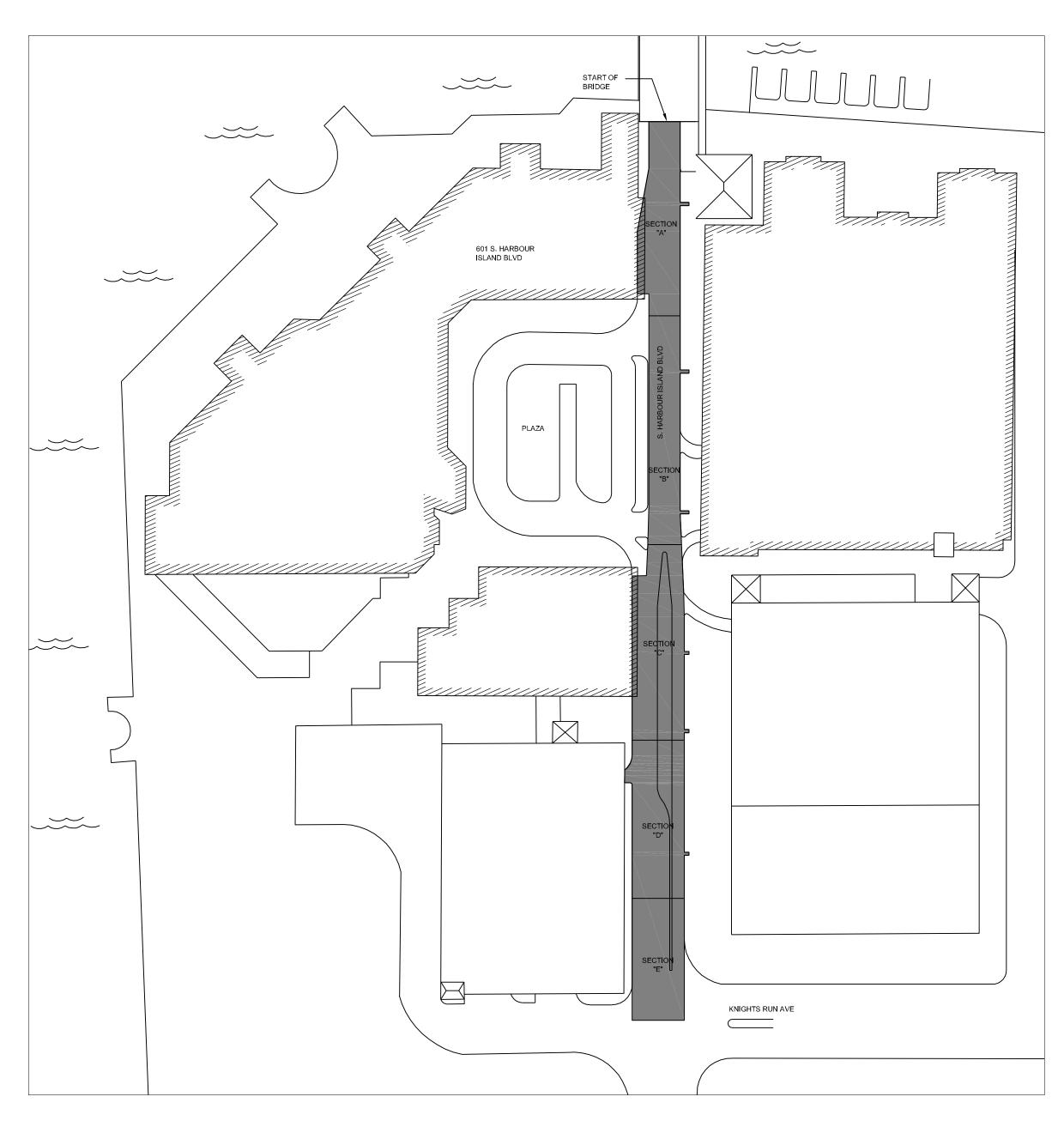
The Enclosed Document Is Provided For Your Convenience.

Please Email ALL Questions: <u>MailTo:ContractAdministration@TampaGov.net</u>

Please Let Us Know If You Plan To Bid

City of Tampa Contract Administration Department 306 E. Jackson St. #280A4N Tampa, FL 33602 (813)274-8456





HARBOUR ISLAND **ROADWAY SURFACE REPLACEMENT CITY OF TAMPA**

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SHEET NUMBER	
S0.0	COVER SHEE
S0.1	GENERAL NC
S0.2	PHASE 1 - MC
S0.3	PHASE 2 - MC
S0.4	RIGHT-OF-WA
S0.5	RIGHT-OF-WA
S0.6	RIGHT-OF-WA
S1.0	EXISTING ELE
S1.1	EXISTING ELE
S1.11	EXISTING ELE
S1.2	DEMOLITION
S1.3	DEMOLITION
S1.31	DEMOLITION
S1.4	REPLACEMEI
S1.5	REPLACEMEI
S1.51	REPLACEMEI
S1.6	STRIPING - P
S1.7	STRIPING - F
S1.71	STRIPING - F
S2.0	SECTIONS &
S2.1	DETAILS
S2.2	DETAILS

DRAWING INDEX DESCRIPTION ΕT OTES IOT PLANS 10T PLANS VAY - PARTIAL PLANS SECTIONS A & B VAY - PARTIAL PLANS SECTIONS C & D VAY - PARTIAL PLANS SECTION E LEVATIONS - PARTIAL PLANS SECTIONS A & B LEVATIONS - PARTIAL PLANS SECTIONS C & D LEVATIONS - PARTIAL PLANS SECTIONS E - PARTIAL PLANS SECTIONS A & B - PARTIAL PLANS SECTIONS C & D - PARTIAL PLANS SECTION E ENT - PARTIAL PLANS SECTIONS A & B ENT - PARTIAL PLANS SECTIONS C & D ENT - PARTIAL PLANS SECTION E PARTIAL PLANS SECTIONS A & B PARTIAL PLANS SECTIONS C & D PARTIAL PLANS SECTION E & DETAILS

WALTER P MOORE
WALTER P. MOORE AND ASSOCIATES, INC. 201 EAST KENNEDY BOULEVARD, SUITE 300 TAMPA, FLORIDA 33602.5181 PHONE: 813.221.2424 FAX: 813.221.2289 CERTIFICATE OF AUTHORIZATION NO. 3818
HOUSTON DALLAS TAMPA ATLANTA ORLANDO KANSAS CITY AUSTIN LOS ANGELES LAS VEGA Project :
HARBOUR ISLAND ROADWAY SURFAC REPLACEMENT
CITY OF TAMPA
Keyplan : SECTION "A"
SECTION "B"
SECTION "C"
SECTION "D" SECTION "E"
No. Date Description
29.AUG.14 100% CD
Project Number : Drawn By :
M05.10002.01RCApproved By :Checked By :WWEV
Certification Statement : TO THE BEST OF THE ENGINEER'S KNOWLEDGE, TH PLANS AND SPECIFICATIONS COMPLY WITH THE 20
FLORIDA BUILDING CODE.
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Drawing Title:
COVER
Filename :
Sheet No. :
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GENERAL NOTES 1 2 SCOPE OF WORK B. STATEMENT OF SPECIAL INSPECTIONS 1. Special inspection is required for the items li A. DEMOLITION SCOPE extent of each special inspection and each te 1. Removal of the existing reinforced topping slab (roadway surface) to the extent shown on the drawings. periodic inspection is required for the items l Existing structural and non-structural members adjacent to and underneath the topping slab will not be modified as part of this work. 2. Removal of existing expansion joints in the work area. 3. Removal of existing waterproofing membrane in the work area. VI. <u>SUBMITTALS</u> B. NEW WORK SCOPE A. SUBMITTAL LIST AND SCHEDULE 1. Installation of new waterproofing membrane system above the underground parking structure. Note: New waterproofing membrane to be specified by HICSA. 1. The General Contractor shall prepare a deta Structural Engineer prior to the start of cons 2. Installation of new reinforced concrete topping slab (roadway surface) over new waterproofing membrane. as the job progresses. The submittal list sha 3. Installation of new expansion joints. a. Shop Drawings C. SCOPE LIMITATIONS b. Product Data, Certificates, Reports, and (1. Mechanical, electrical, and plumbing systems in the existing underground garage will not be modified. B. SUBMITTALS TO BE PROVIDED TO STRUCTURA 2. Structural systems in the existing facility will not be modified. 1. Structural Submittals: Refer to structural sp 3. Life safety will not be modified in any way due to topping slab (roadway surface) replacement. 2. Submittal Requirements: a. All shop drawings must be reviewed and submittal b. Contractor shall provide the submittal in DEMOLITION NOTES FOR REMOVAL OF EXISTING TOPPING SLAB c. The omission from the shop drawings of furnished shall not relieve the Contractor A. PROJECT CONDITIONS regardless of whether the shop drawings 1. Owner and patrons are currently occupying the parking facility immediately adjacent to selective demolition C. REPRODUCTION area. Conduct selective demolition so Owner's operations will not be disrupted. 1. The use of electronic files or reproductions of 2. Coordinate with Owner all demolition and construction operations to maintain Owner's operations. erector, fabricator, or material supplier in lie 3. Protect the structure from inclement weather while the topping slab is removed from the structure. information shown hereon as correct, and ol due to any errors that may occur hereon. B. DUST AND NOISE CONTROL 1. Cut and remove topping slab using hand tools or small power tools and procedures to minimize disturbance of adjacent surfaces, noise, and vibrations. VII. <u>MISCELLANEOUS</u> 2. Use temporary closures or other suitable methods to limit spread of dust and dirt. Comply with governing environmental regulations. A. CONTRACT DOCUMENTS C. CONCRETE REMOVAL 1. It is the responsibility of the General Contract 1. Demolish in small sections. Cut concrete to a 34 depth of the topping slab at junctures with construction to submit such documents to all subcontractors remain and at regular intervals, using power-driven saw, then remove concrete between sawcuts. Remove fabrication of any structural members, and e concrete using 30 lb. and 60 lb. jack hammers. Do not use larger jack hammers or demolition equipment. Do not damage existing structural slab during cutting and removal operations. 2. The contract structural drawings and specific 2. Coordinate removal of existing topping slab with waterproofing manufacturer/applicator. specifically shown, do not indicate the method direct the work and shall be solely responsib and sequence. III. DESIGN CRITERIA 3. Where member locations are not specifically are equally spaced between located member A. GENERAL BUILDING CODE 4. If certain features are not fully shown or spe 1. The Construction Documents are based on the requirements of AASHTO LRFD Bridge Design Specifications, shall be of the same character as shown or 6th Edition. B. DRAWING CONFLICTS B. DEAD LOADS 1. The General Contractor shall compare the St Self-weight of topping slab. of drawings and within each set of drawings C. LIVE LOADS structural members. Design live loads: C. CONFLICTS IN STRUCTURAL REQUIREMENTS a. Roadway Subject to Vehicular Traffic: HS20-44 Truck Loading Where conflict exists among the various part 2. Reduction of Live Loads: general notes, and specifications, the stricte a. No live load reduction has been applied. D. EXISTING CONDITIONS 1. The General Contractor shall verify all dimen parking structure at the job site and report a drawings to the Engineer prior to the fabrica REINFORCED CONCRETE Work shown on the drawings is New, unless A. CLASSES OF CONCRETE 3. Existing construction shown on the drawings 1. All concrete shall conform to the requirements of the "Classes of Concrete Matrix" in detail 8/S3.0 unless site observation. These drawings of existing noted otherwise on the drawings. available drawings of existing construction a B. HORIZONTAL CONSTRUCTION JOINTS IN CONCRETE POURS pertinent information 1. There shall be no horizontal construction joints in any concrete pours unless shown on the drawings. The 4. Demolition, cutting, drilling, etc. of existing v Engineer shall approve all deviations or additional joints in writing. the structural integrity of the existing underg members not designated for removal interfe C. REINFORCING STEEL immediately and approval obtained prior to i 1. All Reinforcing Steel shall be ASTM A 615 Grade 60 unless noted otherwise on the drawings or in these notes. 5. The contractor shall verify the location of ex 2. Fiber Reinforcement: Provide fiber reinforcement of the types listed below that are specifically manufactured protect existing utilities that are to remain in for use in concrete to resist cracking from either plastic shrinkage, hardened concrete shrinkage, or both 6. The contractor shall repair all damage cause when mixed in the concrete according to manufacturer's instructions at the dosage rates for the types restore conditions to levels acceptable to the indicated as listed for the concrete elements described. E. ADJACENT BUILDINGS AND PROPERTY a. Blend of Micro and Macro Synthetic Fibers D. REINFORCEMENT IN TOPPING SLABS 1. The General Contractor shall ensure that all buildings and property. This shall include all 1. Provide minimum reinforcement as noted below in all topping slabs unless specified otherwise on the drawings. 2. The General Contractor is advised to perform a. Reinforcing Steel: Refer to structural drawings. adjacent buildings before the start of and du F. RESPONSIBILITY OF THE CONTRACTOR FOR CO b. Blended micro and macro synthetic fibers at 5.0 pounds per cubic yard of concrete. E. REINFORCING STEEL COVERAGE 1. The roadway topping slab has been designe anticipated to be applied to the final structur 1. Reinforcing steel coverage should conform to the requirements specified in details 6/S3.0 unless noted overload the underground parking structure otherwise on the drawings. Cover specified shall be considered minimums that may require increasing where checking the adequacy of the existing under reinforcing steel intersects for different member types. Cover in structural members not specified in the including those due to construction vehicles details shall conform to the requirements of ACI 318 unless specified otherwise on the drawings. The or any other construction activity. The Struc reinforcing steel detailer shall adjust reinforcing steel cage sizes as the required reinforcement transitions for loads applied to the structure for any cor from one to two layers, due to variable topping slab thickness, as required to allow clearance for overlapping G. CONTRACTOR SUBSTITUTIONS reinforcing bar layers with minimum specified cover. F. SPLICES AND HOOKS IN REINFORCING STEEL 1. Any materials or products submitted for appr the structural contract documents will be ap 1. Splices For Slabs: a. A cost savings to the Owner is document a. Topping slab shall have continuous bars (top bars, bottom bars, or bars at mid-depth) lapped with a b. The material or product has been approv tension splice per detail 7/S2.0. submitted with the request.

SPECIAL INSPECTIONS

A. The Owner's testing laboratory shall provide special inspection services in accordance with the International Building Code for the following items.

- 1. Concrete Construction:
- a. Concrete Work
- b. Continuous Inspection of Reinforcing Steel Placing
- c. Epoxy-Grouted Dowels d. Formwork
- e. Reinforcing Steel Placement

В.	STATEMENT OF SPECIAL INSPECTIONS	
	 Special inspection is required for the items listed above. Refer to Specification Section 014529 for type and extent of each special inspection and each test. The Specification also indicates whether continuous or periodic inspection is required for the items listed above and additional information. 	
<u>SL</u>	IBMITTALS	
A.	SUBMITTAL LIST AND SCHEDULE	
	 The General Contractor shall prepare a detailed list and schedule of all submittal items to be sent to the Structural Engineer prior to the start of construction. This list shall be updated and revised and kept current as the job progresses. The submittal list shall be organized as shown below: Shop Drawings Shop Drawings 	
В.	b. Product Data, Certificates, Reports, and Other Literature SUBMITTALS TO BE PROVIDED TO STRUCTURAL ENGINEER	
	1. Structural Submittals: Refer to structural specifications for required submittals.	
	 Submittal Requirements: a. All shop drawings must be reviewed and electronically stamped by the General Contractor prior to 	
	submittal. b. Contractor shall provide the submittal in electronic portable document format (PDF) per the Specifications.	
6	c. The omission from the shop drawings of any materials required by the Contract Documents to be furnished shall not relieve the Contractor of the responsibility of furnishing and installing such materials, regardless of whether the shop drawings have been reviewed and approved. REPRODUCTION	
C.	1. The use of electronic files or reproductions of these contract documents by any contractor, subcontractor,	
	erector, fabricator, or material supplier in lieu of preparation of shop drawings signifies their acceptance of all information shown hereon as correct, and obligates themselves to any job expense, real or implied, arising due to any errors that may occur hereon.	
MI	SCELLANEOUS	
A.	CONTRACT DOCUMENTS	
	 It is the responsibility of the General Contractor to obtain all Contract Documents and latest addenda and to submit such documents to all subcontractors and material suppliers prior to the submittal of shop drawings, fabrication of any structural members, and erection in the field. 	
	The contract structural drawings and specifications represent the finished structure, and, except where specifically shown, do not indicate the method or means of construction. The Contractor shall supervise and direct the work and shall be solely responsible for all construction means, methods, procedures, techniques, and sequence.	
	Where member locations are not specifically dimensioned, members are either located on columns lines or are equally spaced between located members.	
В.	 If certain features are not fully shown or specified on the drawings or in the specifications, their construction shall be of the same character as shown or specified in similar conditions. DRAWING CONFLICTS 	
6	 The General Contractor shall compare the Structural drawings and report any discrepancy between each set of drawings and within each set of drawings to the Engineer prior to the fabrication and installation of any structural members. 	
C.	CONFLICTS IN STRUCTURAL REQUIREMENTS Where conflict exists among the various parts of the structural contract documents, structural drawings, 	
D.	general notes, and specifications, the strictest requirements, as indicated by the Engineer, shall govern. EXISTING CONDITIONS 1. The General Contractor shall verify all dimensions and conditions of the existing roadway and underground	
	parking structure at the job site and report any discrepancies from assumed conditions shown on the drawings to the Engineer prior to the fabrication and erection of any members.Work shown on the drawings is New, unless noted as Existing.	
	3. Existing construction shown on the drawings was obtained from existing construction documents and limited	
	site observation. These drawings of existing construction are available for contractor use. However, the available drawings of existing construction are not necessarily complete. The contractor shall field verify all pertinent information.	
	4. Demolition, cutting, drilling, etc. of existing work shall be performed with great care so as not to jeopardize the structural integrity of the existing underground parking structure. If any architectural, structural, or MEP members not designated for removal interfere with the new work, the Owner and Engineer shall be notified immediately and approval obtained prior to removal of those members.	
	5. The contractor shall verify the location of existing utilities prior to the start of construction and take care to protect existing utilities that are to remain in service.	
E.	 6. The contractor shall repair all damage caused during construction with similar materials and workmanship to restore conditions to levels acceptable to the Owner and Engineer. ADJACENT BUILDINGS AND PROPERTY 	
	 The General Contractor shall ensure that all construction methods used will not cause damage to the adjacent buildings and property. This shall include all foundation installation. 	
-	 The General Contractor is advised to perform all photographic surveys and other documentation of the adjacent buildings before the start of and during construction. RESPONSIBILITY OF THE CONTRACTOR FOR CONSTRUCTION LOADS 	
г.	1. The roadway topping slab has been designed for the loads identified within these structural drawings that are	
G.	 anticipated to be applied to the final structure once completed and occupied. The Contractor shall not overload the underground parking structure during construction. The Contractor shall be responsible for checking the adequacy of the existing underground structure to support any applied construction loads, including those due to construction vehicles or equipment, material handling or storage, shoring or reshoring, or any other construction activity. The Structural Engineer is not responsible to design or check the structure for loads applied to the structure for any construction activity. CONTRACTOR SUBSTITUTIONS 	
	 Any materials or products submitted for approval that are different from the material or products specified in the structural contract documents will be approved only if the following criteria are satisfied: a. A cost savings to the Owner is documented and submitted with the request. 	
	 a. A cost savings to the Owner is documented and submitted with the request. b. The material or product has been approved by the International Code Council (ICC) and the ICC report is submitted with the request. 1) The ICC ESR that is submitted must reference the building code under which the project is permitted. 	
	2) ICC reports that have been discontinued at the time of product installation will not be accepted.	
Н.	2. Submittals not satisfying the above criteria will not be considered. THE STRUCTURAL ENGINEER'S ROLE DURING CONSTRUCTION	
	 The Engineer shall not have control nor charge of, and shall not be responsible for, construction means, methods, techniques, sequences, or procedures, for safety precautions and programs in connection with the 	

work, for the acts or omission of the Contractor, Subcontractor, or any other persons performing any of the work, or for the failure of any of them to carry out the work in accordance with the contract documents.

2. Periodic site observation by field representatives of Walter P. Moore and Associates is solely for the purpose of becoming generally familiar with the progress and quality of the Work completed and determining, in

	3
and	general, if the Work observed is being performed in a manner indicating that the Work, when fully completed, will be in accordance with the structural contract documents. This limited site observation should not be construed as exhaustive or continuous to check the quality or quantity of the work, but rather periodic in an effort to guard the Owner against defects or deficiencies in the work of the Contractor. I. MAINTENANCE STATEMENT
2	 All structures require periodic maintenance to extend lifespan and to ensure structural integrity from exposure to the environment. A planned program of maintenance shall be established by the facility owner. This program shall include such items such as but not limited to protective coating for concrete, sealants, caulked joints, expansion joints, control joints, repair of spalls and cracks in concrete, and pressure washing of exposed structural elements exposed to a salt environment. Sealant for expansion joints and construction and control joints shall be maintained in strict accordance with manufacturer's procedures and recommendations. Sealant shall be replaced at intervals recommended by manufacturers at a minimum or as otherwise needed. WATERPROOFING MEMBRANE
rrent	 WATERPROOFING MEMBRANE New membrane to be specified by HISCA. Walter P Moore is not Engineer of record for new waterproofing
	membrane.
	VII. DRAWING INTERPRETATION
	A. DRAWING VIEWS LABELED AS "TYPICAL"
	 Partial plans, elevations, sections, details, or schedules labeled with "Typical" at the beginning of their title shall apply to all situations occurring on the project that are the same or similar to those specifically shown. The applicability of the content of these views to locations on the plan can be determined from the title of the views. Such views shall apply whether or not they are keyed in at each location. Decisions regarding
ations.	applicability of these "Typical" views shall be determined by the Structural Engineer.
rials,	B. STRUCTURAL ABBREVIATIONS, SYMBOLS, AND NOTATIONS
	1. Refer to list below for abbreviations, symbols, and notations used on the structural drawings.
or, e of all sing	
	@ AT

&	AND
#	NUMBER
ø	ROUND, DIAMETER
BOT	BOTTOM
CJ	CONTROL JOINT
CL	CENTER LINE
CONC	CONCRETE
db	BAR DIAMETER
DBA	DEFORMED BAR ANCHOR
DET	DETAIL
EA	EACH
EJ	EXPANSION JOINT
EL	ELEVATION
EQ	EQUAL
EŴ	EACH WAY
EXIS⊤	EXISTING
F'c=	28 DAY CONCRETE STRENGTH
FV	FIELD VERIFY
Fy=	YIELD STRENGTH=
HICSA	HARBOUR ISLAND COMMUNITY
	SERVICES ASSOCIATION
HWY	HIGHWAY
IN	INCHES
Ld	DEVELOPMENT LENGTH
MAX	MAXIMUM
MIN	MINIMUM
MISC	
MOT	MAINTENANCE OF TRAFFIC
N/A	NOT APPLICABLE
NTS	NOT TO SCALE
NWC	NORMAL WEIGHT CONCRETE
OC	ON CENTER
PSI	POUNDS PER SQUARE INCH
REINF	REINFORCING
SIM	SIMILAR
SPEC	SPECIFICATION
STD	STANDARD
STRUCT	
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL, TOP OF SLAB
TYP	TYPICAL

UNLESS NOTED OTHERWISE

UNO

 \frown

TASK ITEMS		
NUMBER	DESCRIPTION	
1.1	Project Mobilization	
1.2	Concrete Formwork	
1.3	Elevation Survey	
2.0	Remove Existing Concrete Topping Slab, Expansion Joints and Waterproofing Membrane	
2.3	Allowance for Partial Depth Concrete Floor Slab Repair (Structural Slab)	
3.0	Install New Epoxy Polymer Coating	
3.0A	Install New Waterproofing Membrane	
4.0	Install New Expansion Joints	
5.0	Install New Concrete Topping Slab	
5.1	Install New Colored Concrete Topping slab	
6.0	Install Concrete Penetrating Sealer	
7.0	Re-striping	
7.1	Allowance for Crack Repair (Structural Slab)	
8.0	Install New Deck Drains	

4

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HOUSTON DALLAS TAMPA ATLANTA ORLANDO KANSAS CITY AUSTIN LOS ANGELES LAS VEGAS Project

HARBOUR ISLAND **ROADWAY SURFACE** REPLACEMENT

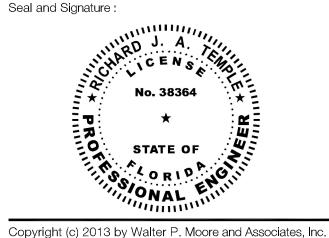
Client:

CITY OF TAMPA

Keyplan :		SECTION "A"
		SECTION "B"
		SECTION "C"
		SECTION "D"
		SECTION "E"
	Δ	

No. Date Description 29.AUG.14 100% CD Project Number Drawn By : M05.10002.01 RC Checked By : Approved By : WW EV Certification Statement :

TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE 2010 FLORIDA BUILDING CODE.

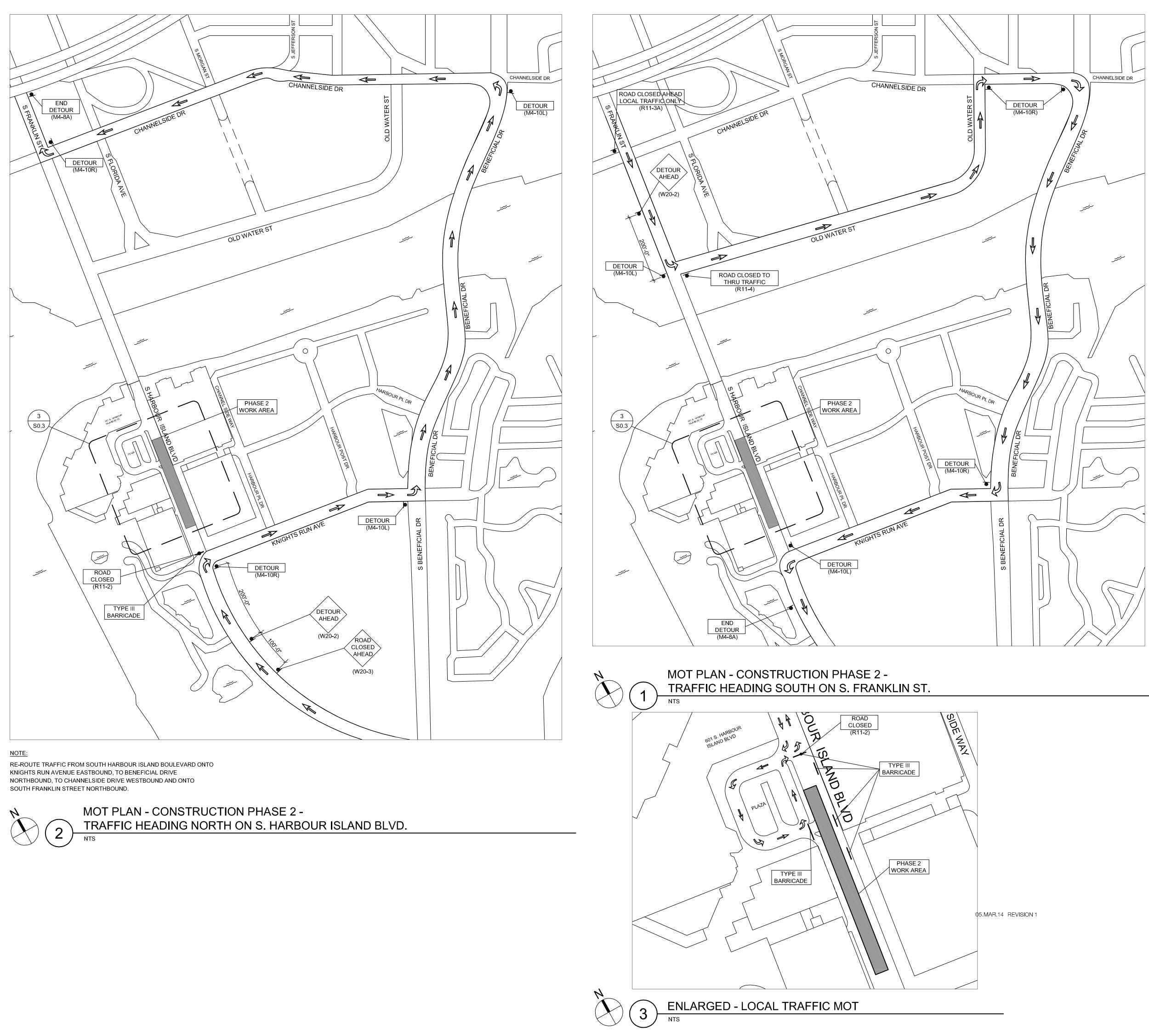


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Drawing Title:

GENERAL NOTES

Filename : Sheet No.:





MAINTENANCE OF TRAFFIC NOTES:

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL BARRICADES AND WARNING SIGNS IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) MOST RECENT EDITION AND ALL CITY OF TAMPA REGULATIONS DURING CONSTRUCTION.
- 2. CONTRACTOR SHALL PROVIDE ACCESS TO ALL BUSINESS AND PRIVATE-RESIDENTIAL PROPERTIES ALONG THIS PROJECT AT ALL TIMES DURING CONSTRUCTION.
- 3. CONTRACTOR SHALL PROVIDE BUSINESS ACCESS SIGNS TO DIRECT LOCAL TRAFFIC TO BUSINESSES DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE LOCATION OF SIGNS WITH HICSA.
- 4. CONTRACTOR SHALL COVER OR REMOVE ALL EXISTING SIGNS WHICH ARE IN CONFLICT WITH THE CONSTRUCTION SIGNS AND MARKINGS. IF REMOVED, SIGNS SHALL BE PROPERLY STORED IN A SAFE PLACE UNTIL THE CONSTRUCTION HAS BEEN COMPLETED AND THEN REINSTALLED.

NOTE:

RE-ROUTE TRAFFIC FROM SOUTH FRANKLIN STREET ONTO OLD WATER STREET EASTBOUND, TO CHANNELSIDE DRIVE EASTBOUND, TO BENEFICIAL DRIVE SOUTHBOUND, TO KNIGHTS RUN AVENUE WESTBOUND AND ONTO SOUTH HARBOUR ISLAND BOULEVARD SOUTHBOUND.

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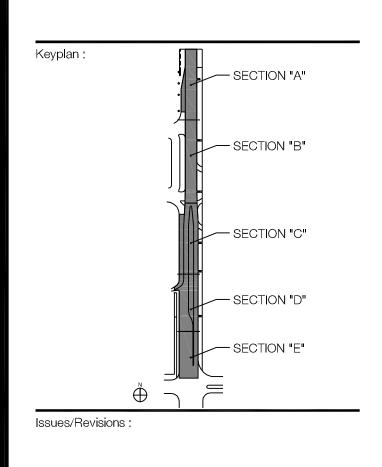
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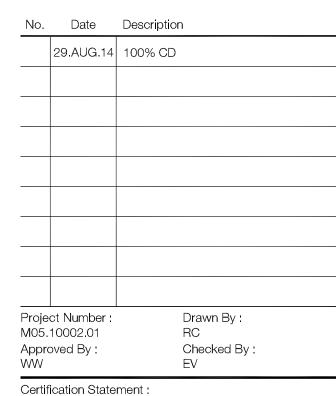
HOUSTON DALLAS TAMPA ATLANTA ORLANDO KANSAS CITY AUSTIN LOS ANGELES LAS VEGAS Project

HARBOUR ISLAND ROADWAY SURFACE REPLACEMENT

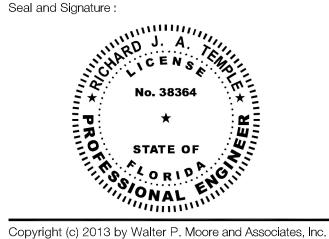
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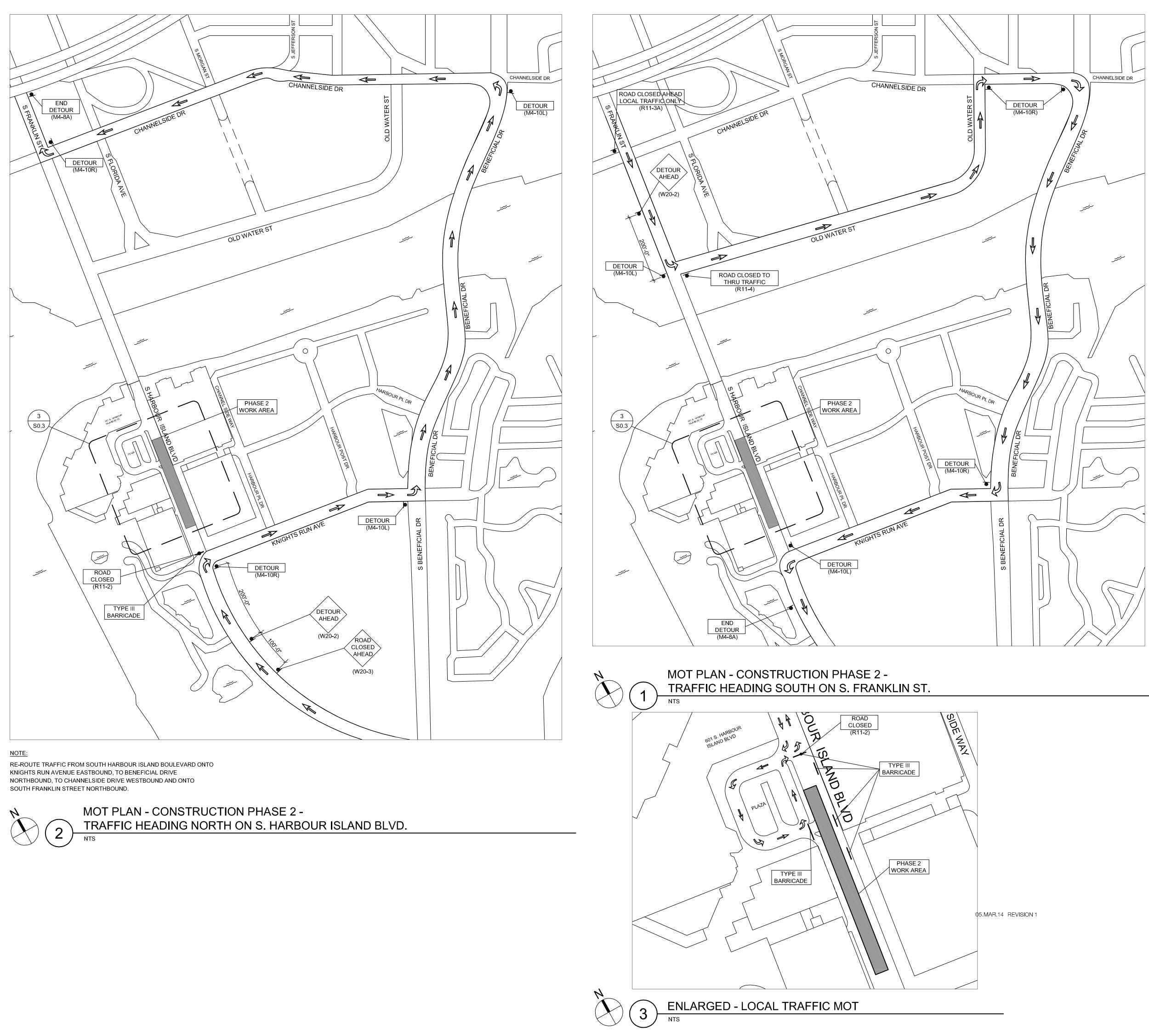
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PHASE 2 MOT PLANS

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MAINTENANCE OF TRAFFIC NOTES:

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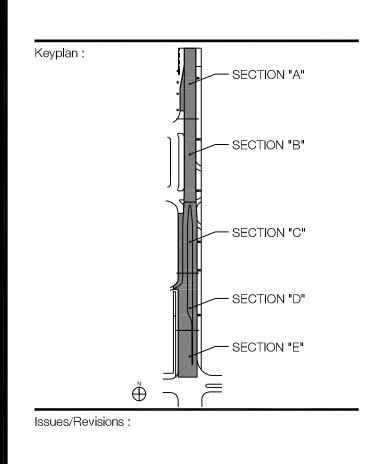
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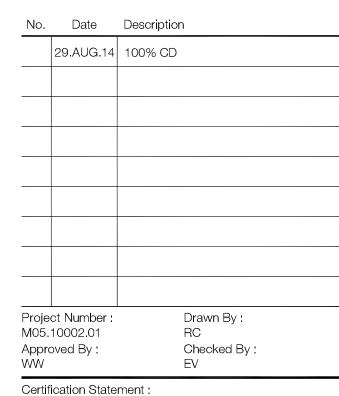
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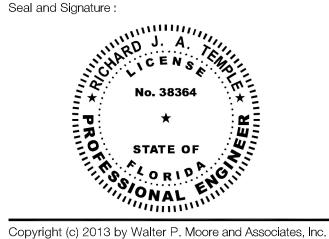
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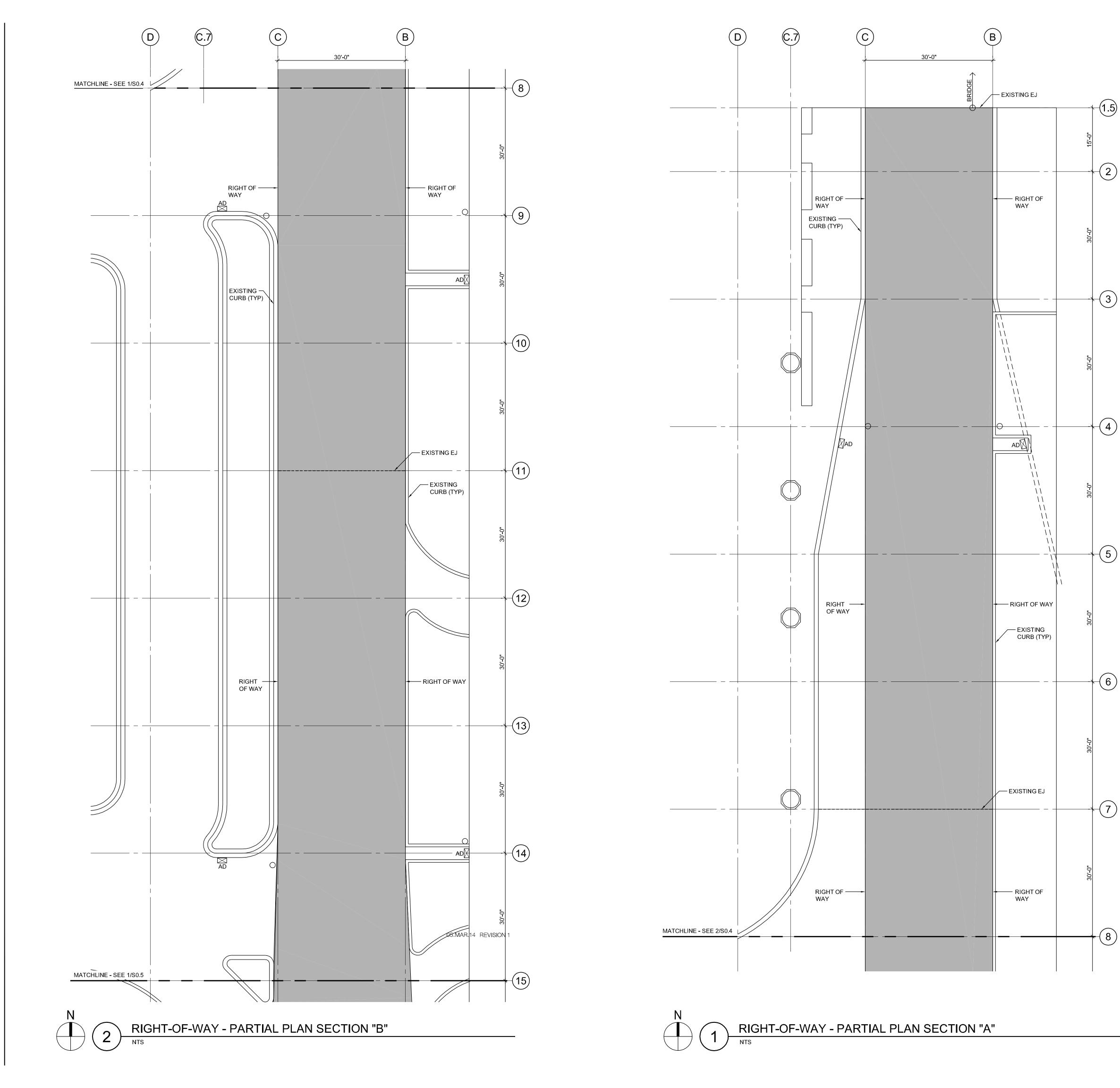
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Filename : Sheet No. :

S0.3



NOTE: WALTER P. MOORE AND ASSOCIATES, INC. 201 EAST KENNEDY BOULEVARD, SUITE 300 REFER TO DESCRIPTION SKETCH PREPARED BY HEIDT & ASSOCIATES, INC. DATED 7/27/97 TAMPA, FLORIDA 33602.5181 PHONE: 813.221.2424 FAX: 813.221.2289 CERTIFICATE OF AUTHORIZATION NO. 3818 FOR SPECIFIC INFORMATION ON RIGHT OF WAY. LEGEND: O EXISTING STORM DRAIN LEADER BELOW ROADWAY. HOUSTON DALLAS TAMPA ATLANTA Orlando kansas city austin los angeles las vegas Project : HARBOUR ISLAND ROADWAY SURFACE REPLACEMENT Client: CITY OF TAMPA Keyplan : Ľ $\overline{}$ \oplus Issues/Revisions No. Date Description 29.AUG.14 100% CD Project Number M05.10002.01 Approved By : WW Certification Statement : TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE 2010 FLORIDA BUILDING CODE. Seal and Signature : STATE OF ΟΝΔι Copyright (c) 2013 by Walter P. Moore and Associates, Inc. This document and the information herein is the property of Walter P. Moore and Associates, Inc. No part hereof shall be copied, duplicated, distributed, disclosed or used to any extent whatsoever except as expressly authorized by Walter P. Moore and Associates, Inc. Any person, firm, or corporation receiving this document, however obtained, shall by virtue hereof, be deemed to have agreed to the forgoing restrictions and that this document will be held in trust and confidence subject only to the private use expressly authorized by Walter P. Moore and Associates, Inc. Drawing Title: RIGHT-OF-WAY PARTIAL PLANS SECTIONS A & B Filename : Sheet No. : S0.4

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- SECTION "A"

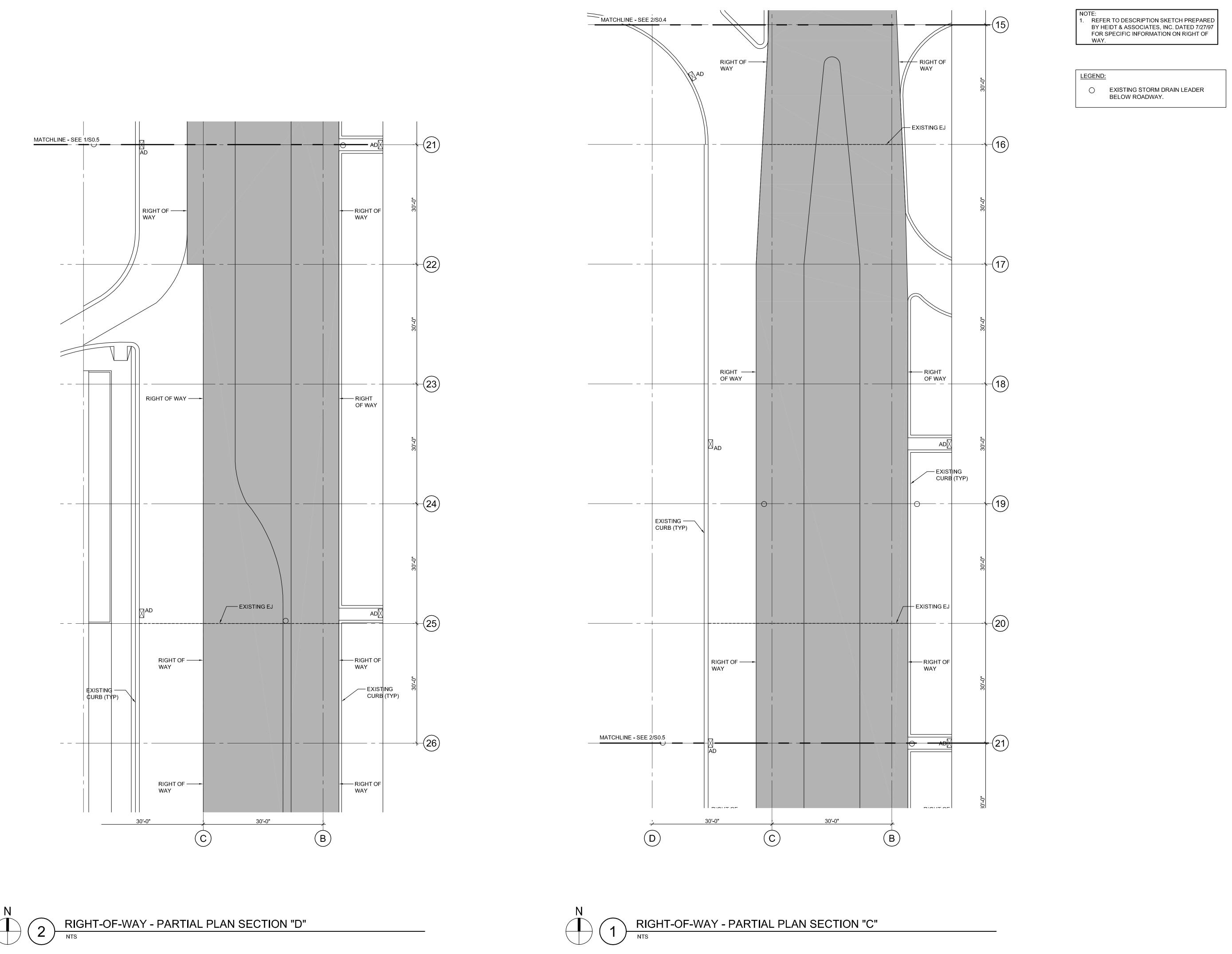
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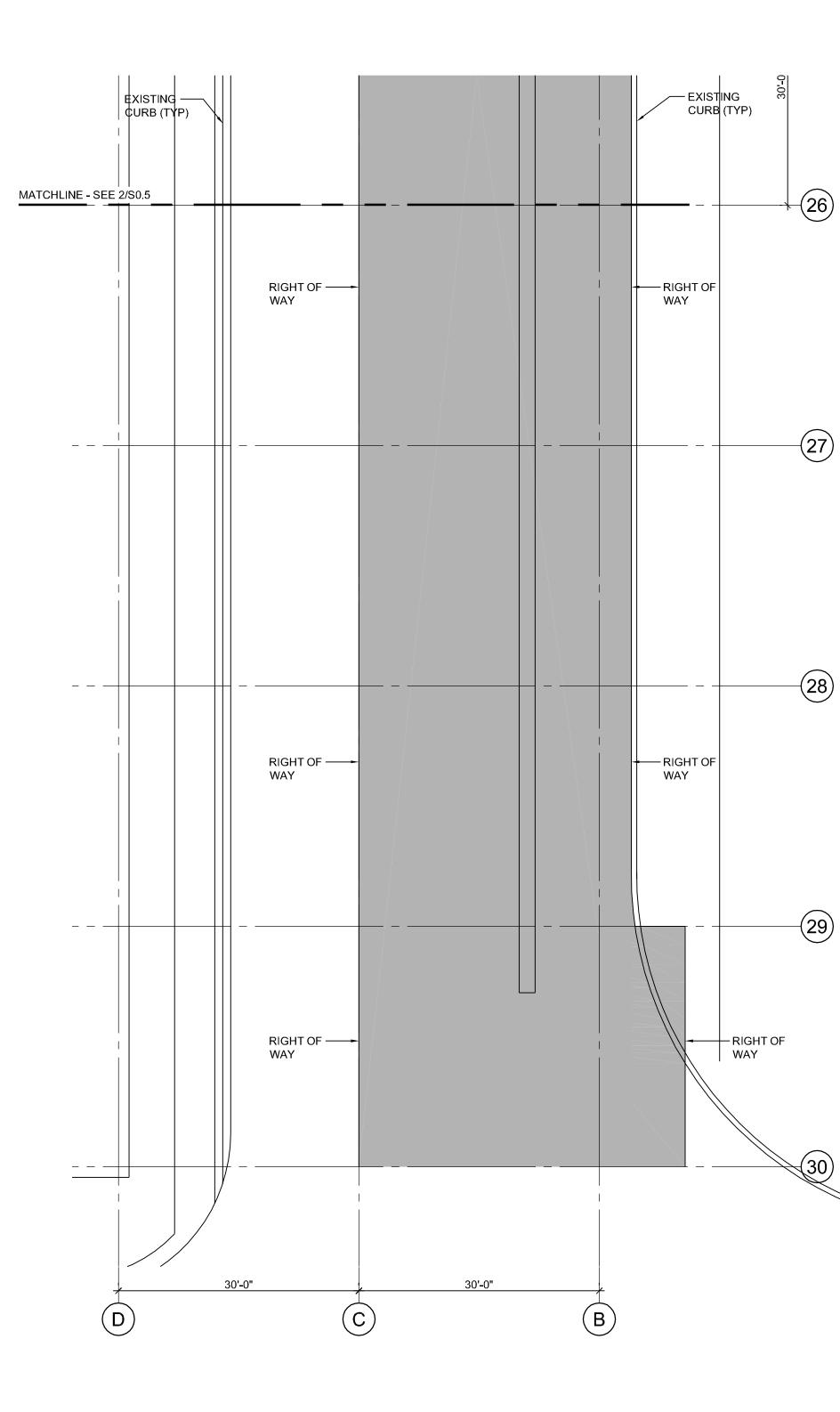
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WALTER P MOORE
WALTER P. MOORE AND ASSOCIATES, INC. 201 EAST KENNEDY BOULEVARD, SUITE 300 TAMPA, FLORIDA 33602.5181 PHONE: 813.221.2424 FAX: 813.221.2289 CERTIFICATE OF AUTHORIZATION NO. 3818
HOUSTON DALLAS TAMPA ATLANTA ORLANDO KANSAS CITY AUSTIN LOS ANGELES LAS VEGAS Project : HARBOUR ISLAND
ROADWAY SURFACE REPLACEMENT
CITY OF TAMPA
Keyplan :
SECTION "C" SECTION "D" SECTION "E"
Issues/Revisions :
No. Date Description 29.AUG.14 100% CD
Project Number : Drawn By : M05.10002.01 RC Approved By : Checked By : WW EV Certification Statement : TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE 2010 FLORIDA BUILDING CODE.
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RIGHT-OF-WAY PARTIAL PLANS SECTIONS C & D
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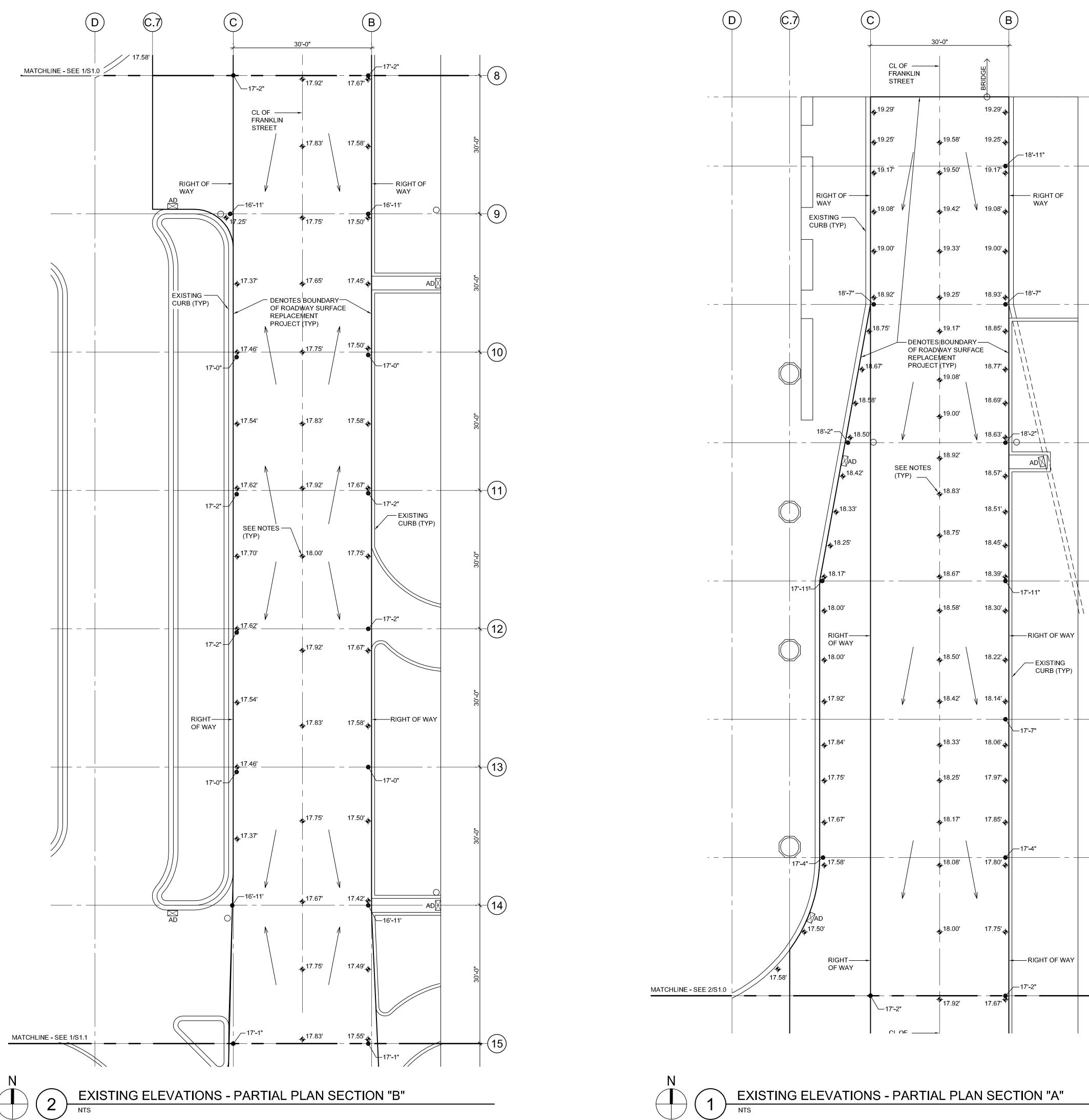
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WALTER P. MOORE AND ASSOCIATES, INC. 201 EAST KENNEDY BOULEVARD, SUITE 300 TAMPA, FLORIDA 33602.5181 PHONE: 813.221.2424 FAX: 813.221.2289 CERTIFICATE OF AUTHORIZATION NO. 3818 HOUSTON DALLAS TAMPA ATLANTA Orlando kansas city austin los angeles las vegas Project : HARBOUR ISLAND ROADWAY SURFACE REPLACEMENT Client: CITY OF TAMPA Keyplan : — SECTION "A" - SECTION "B" SECTION "C" SECTION "D" SECTION "E" \oplus Issues/Revisions No. Date Description 29.AUG.14 100% CD Project Number Drawn By : M05.10002.01 RC Approved By : Checked By : WW EV Certification Statement : TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE 2010 FLORIDA BUILDING CODE. Seal and Signature : -0 STATE OF ΟΝΔL Copyright (c) 2013 by Walter P. Moore and Associates, Inc. This document and the information herein is the property of Walter P. Moore and Associates, Inc. No part hereof shall be copied, duplicated, distributed, disclosed or used to any extent whatsoever except as expressly authorized by Walter P. Moore and Associates, Inc. Any person, firm, or corporation receiving this document, however obtained, shall by virtue hereof, be deemed to have agreed to the forgoing restrictions and that this document will be held in trust and confidence subject only to the private use expressly authorized by Walter P. Moore and Associates, Inc. Drawing Title: RIGHT-OF-WAY PARTIAL PLANS SECTION E Filename :

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NOTE REFER TO DESCRIPTION SKETCH PREPARED BY HEIDT & ASSOCIATES, INC. DATED 7/27/97 FOR SPECIFIC INFORMATION ON RIGHT OF

WAY.

- NOTES: 1. TOP OF ROADWAY ELEVATIONS AND TOP OF STRUCTURAL SLAB ELEVATIONS SHOWN ARE FROM RECORD DRAWINGS BY THE HILLER GROUP DATED 1/16/84.
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- ELEVATIONS. 3. ARROWS SHOWN ON PLANS INDICATE THE GENERAL DIRECTION OF SURFACE WATER RUNOFF FLOW.

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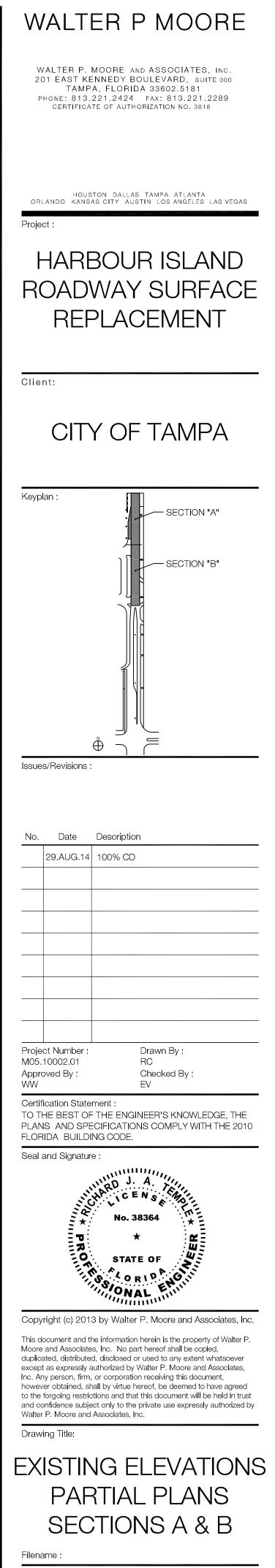
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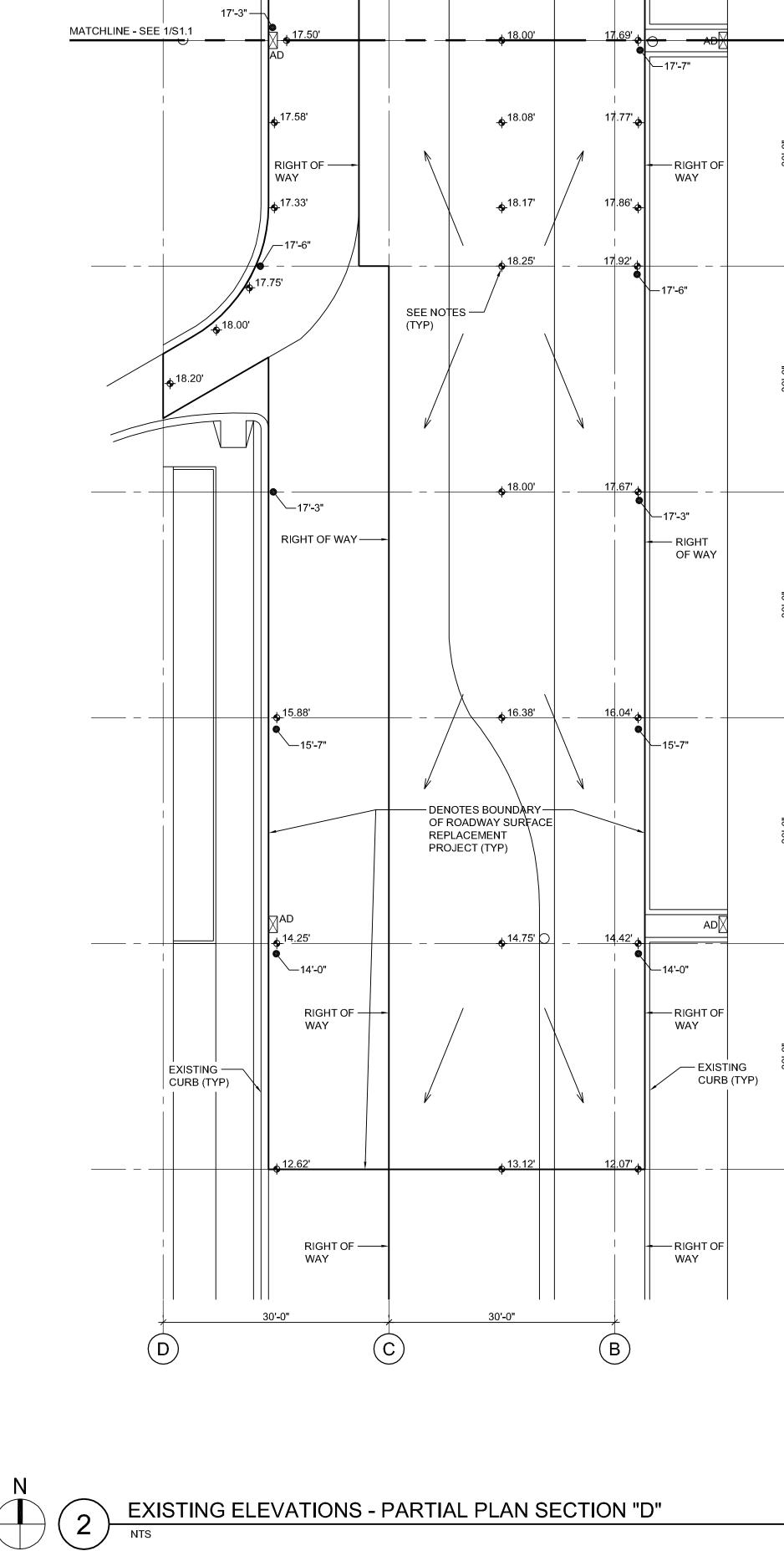
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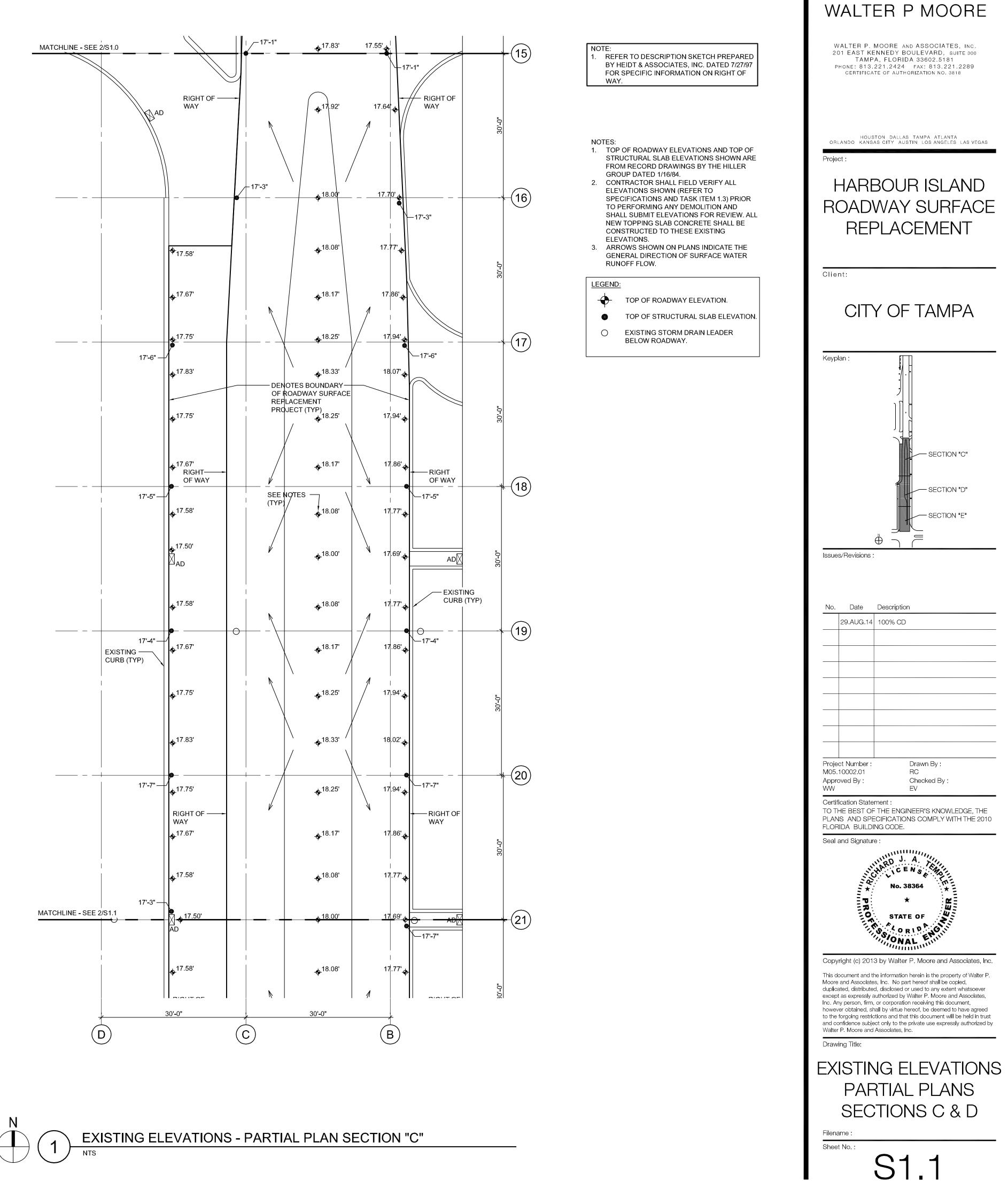
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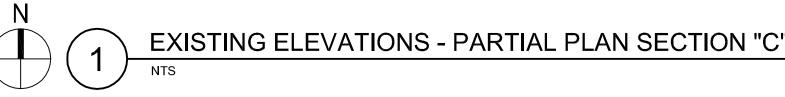


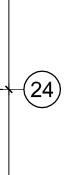
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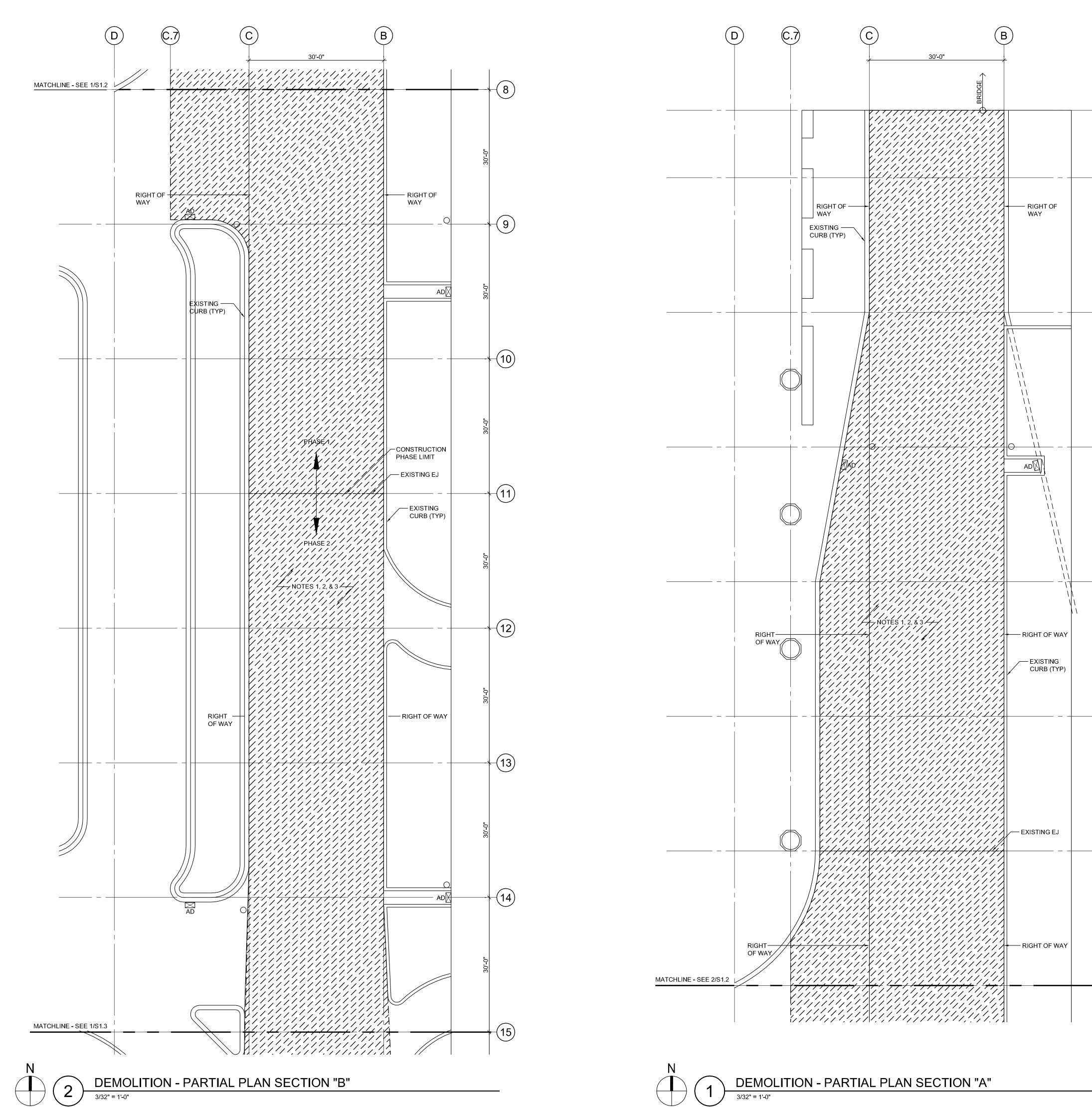
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	 NOTES: 1. REMOVE EXISTING CONCRETE TOPPING SLAB PAVERS, EXPANSION JOINT SYSTEMS AND WATERPROOFING MEMBRANE ON STRUCTURAL SLAB (BELOW TOPPING) WITHIN HATCHED AREAS. REFER TO TASK ITEM 2.0. 2. RECORD DRAWINGS BY HILLER GROUP INDICATE TOPPING SLAB IS 3" THICK MINIMUM AND 9" THICK MAXIMUM. CONTRACTOR SHALL FIELD VERIFY. 3. CONTRACTOR SHALL TAKE SPECIAL CARE TO NOT DAMAGE STRUCTURAL CONCRETE SLAB DURING DEMOLITION. SEE GENERAL NOTES 	ORLANDO HOUSTON KANSAS CI Project : HARBC
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HOUSTON DALLAS TAMPA ATLANTA ORLANDO KANSAS CITY AUSTIN LOS ANGELES LAS VEGAS Project :

HARBOUR ISLAND ROADWAY SURFACE REPLACEMENT

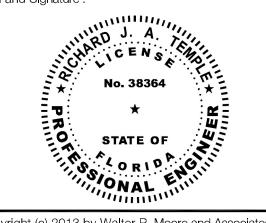
CITY OF TAMPA

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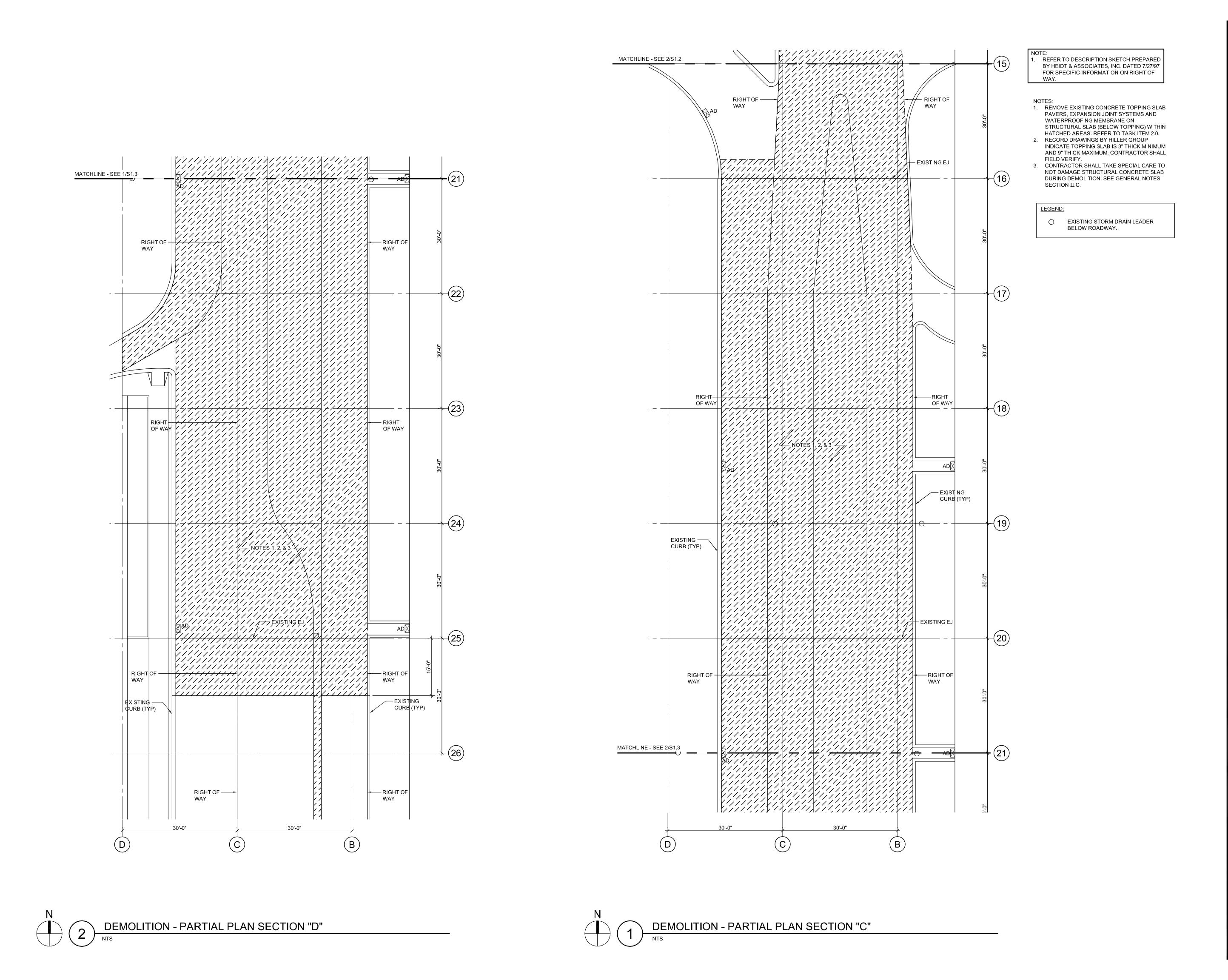
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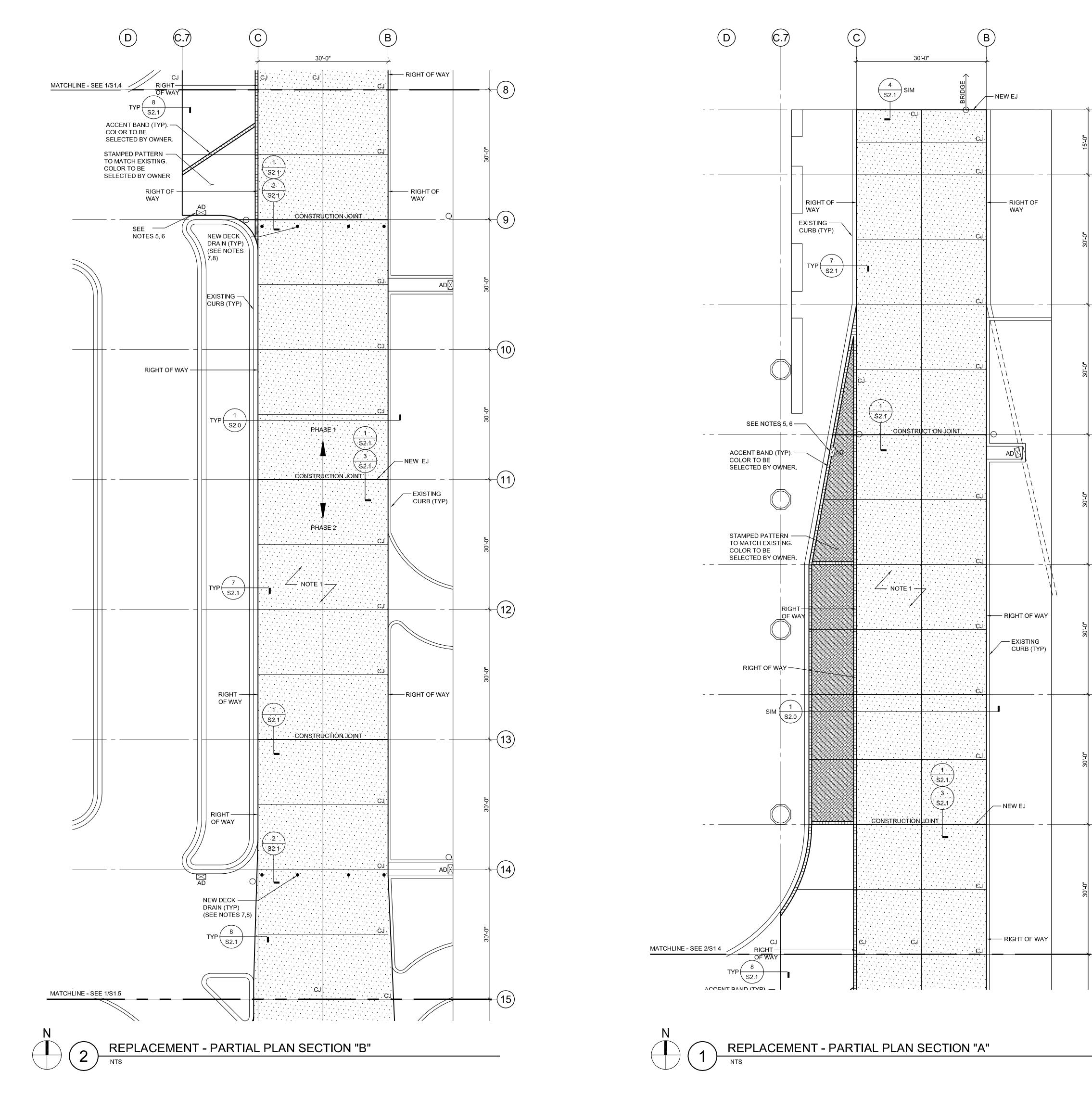
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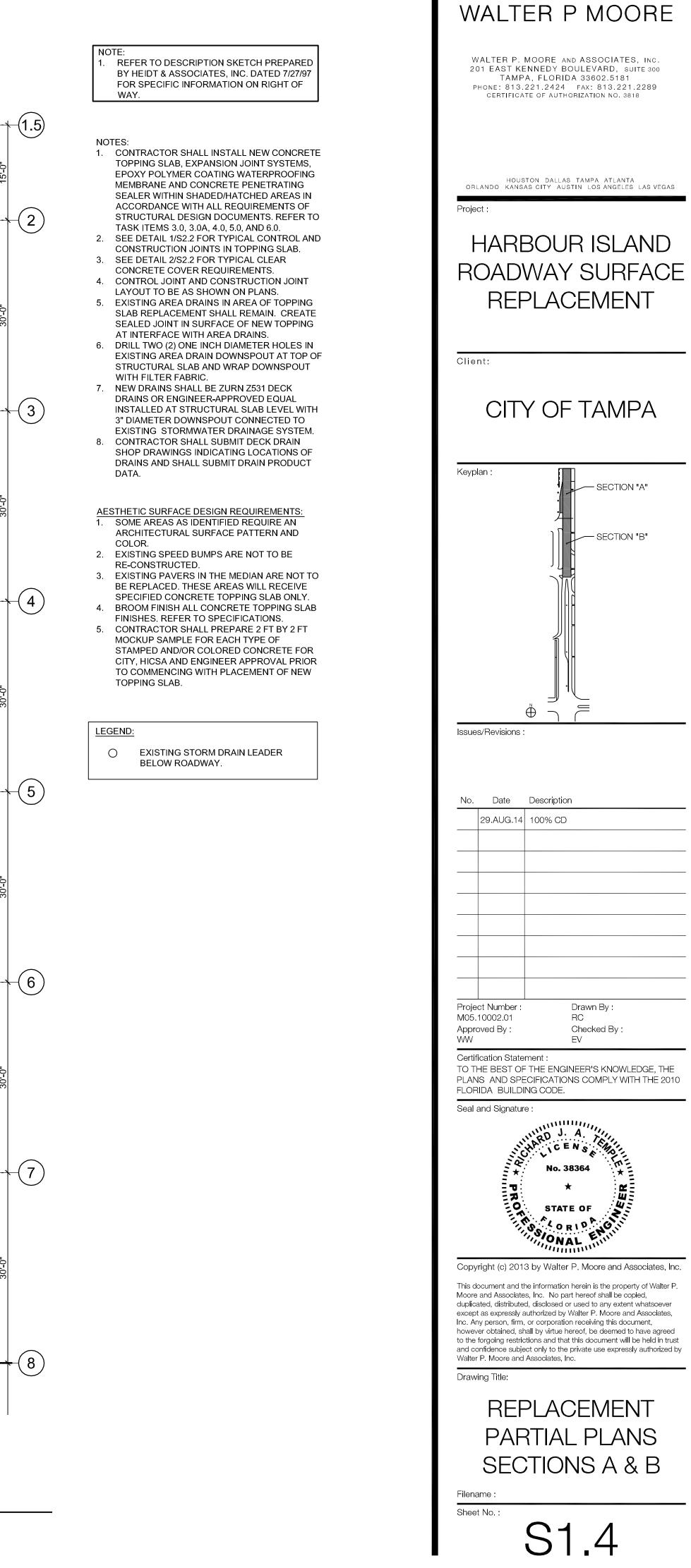


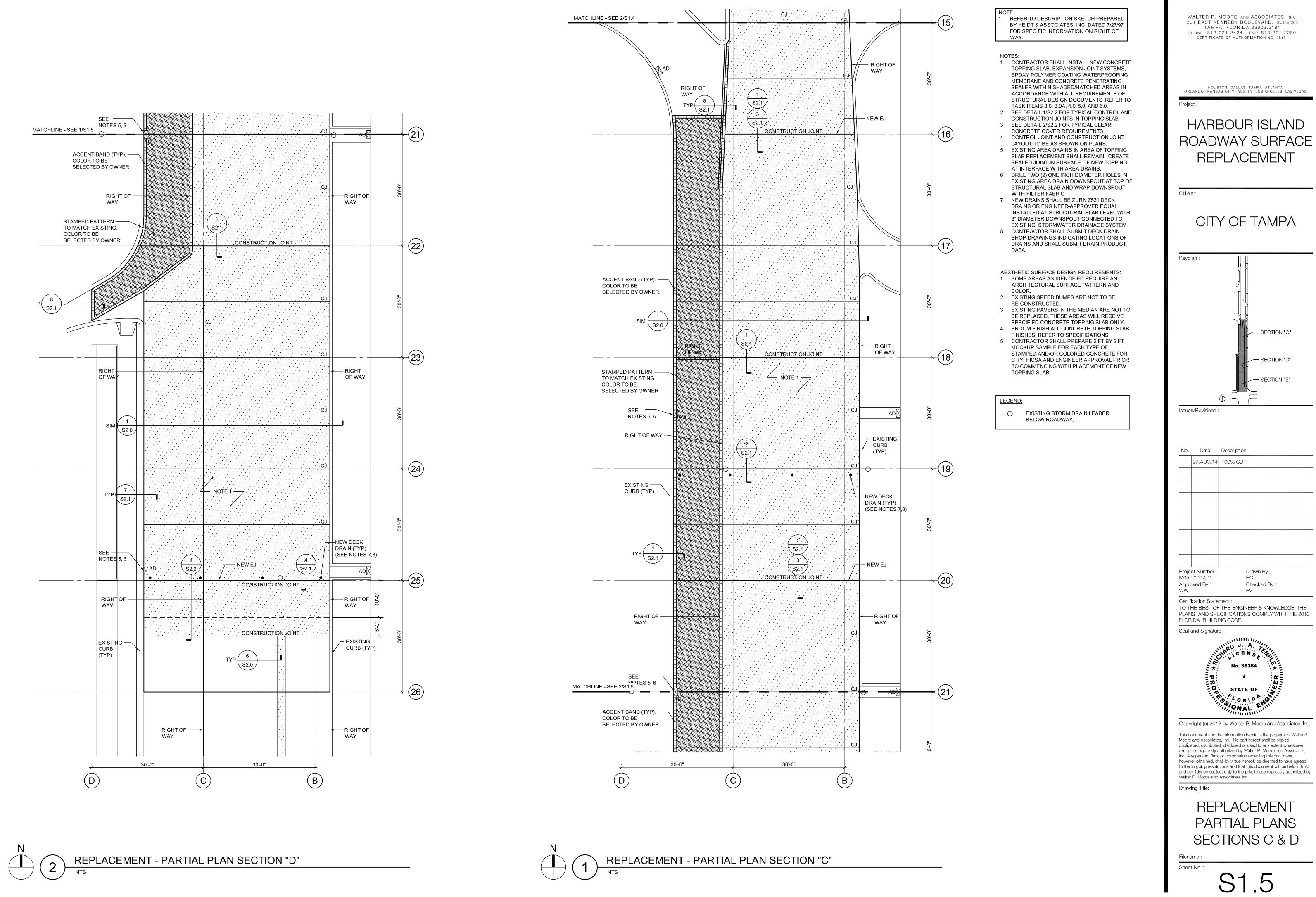
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CERTIFICATE OF AUTHORIZATION NO. 3818
HOUSTON DALLAS TAMPA ATLANTA
ORLANDO KANSAS CITY AUSTIN LOS ANGELES LAS VEGAS Project :
HARBOUR ISLAND ROADWAY SURFACE
REPLACEMENT
Client:
CITY OF TAMPA
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Keyplan :
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SECTION "C"
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Issues/Revisions :
No. Date Description
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M05.10002.01 RC Approved By : Checked By : WW EV Certification Statement :
TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE 2010 FLORIDA BUILDING CODE.
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PARTIAL PLANS SECTIONS C & D
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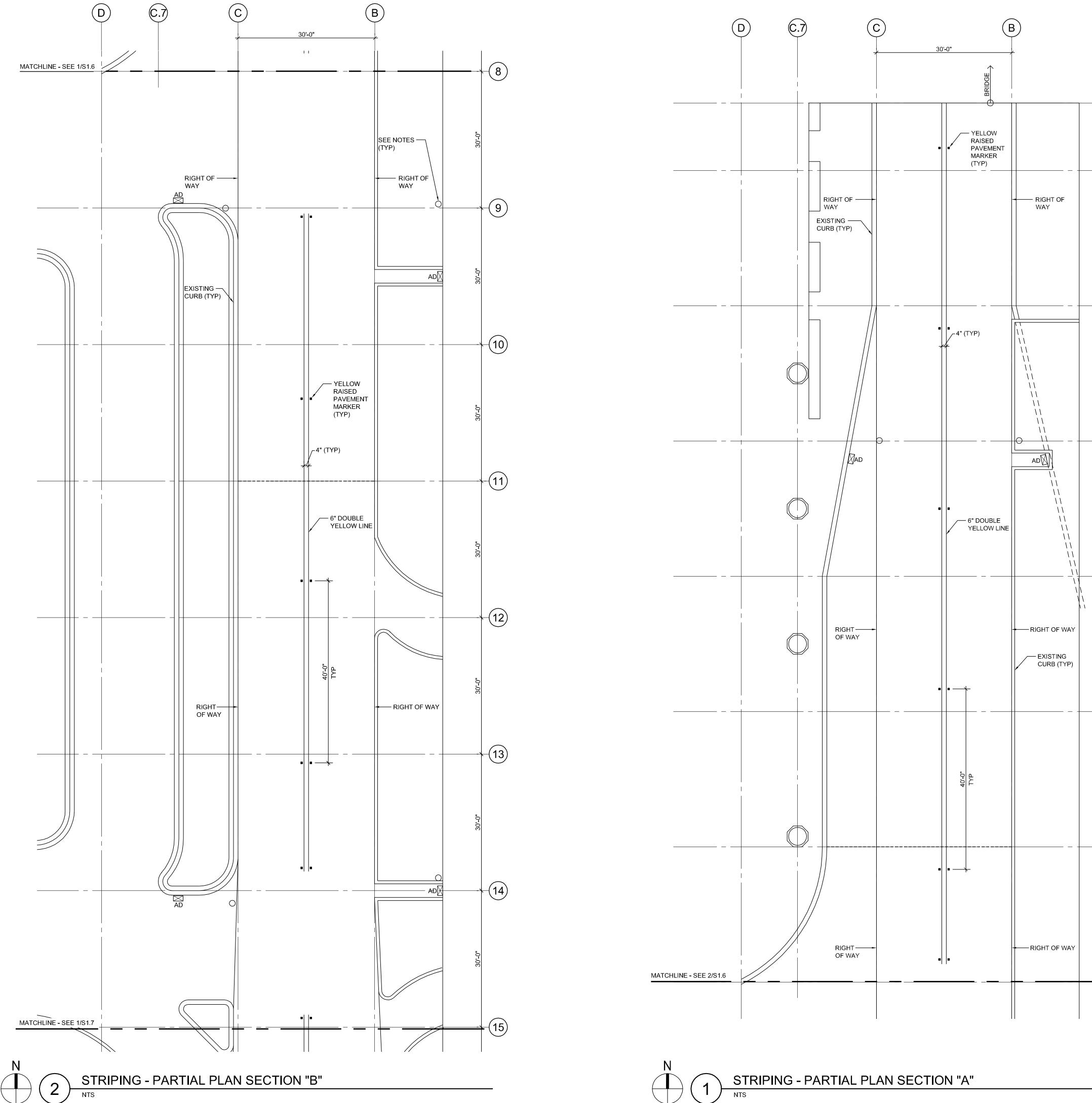
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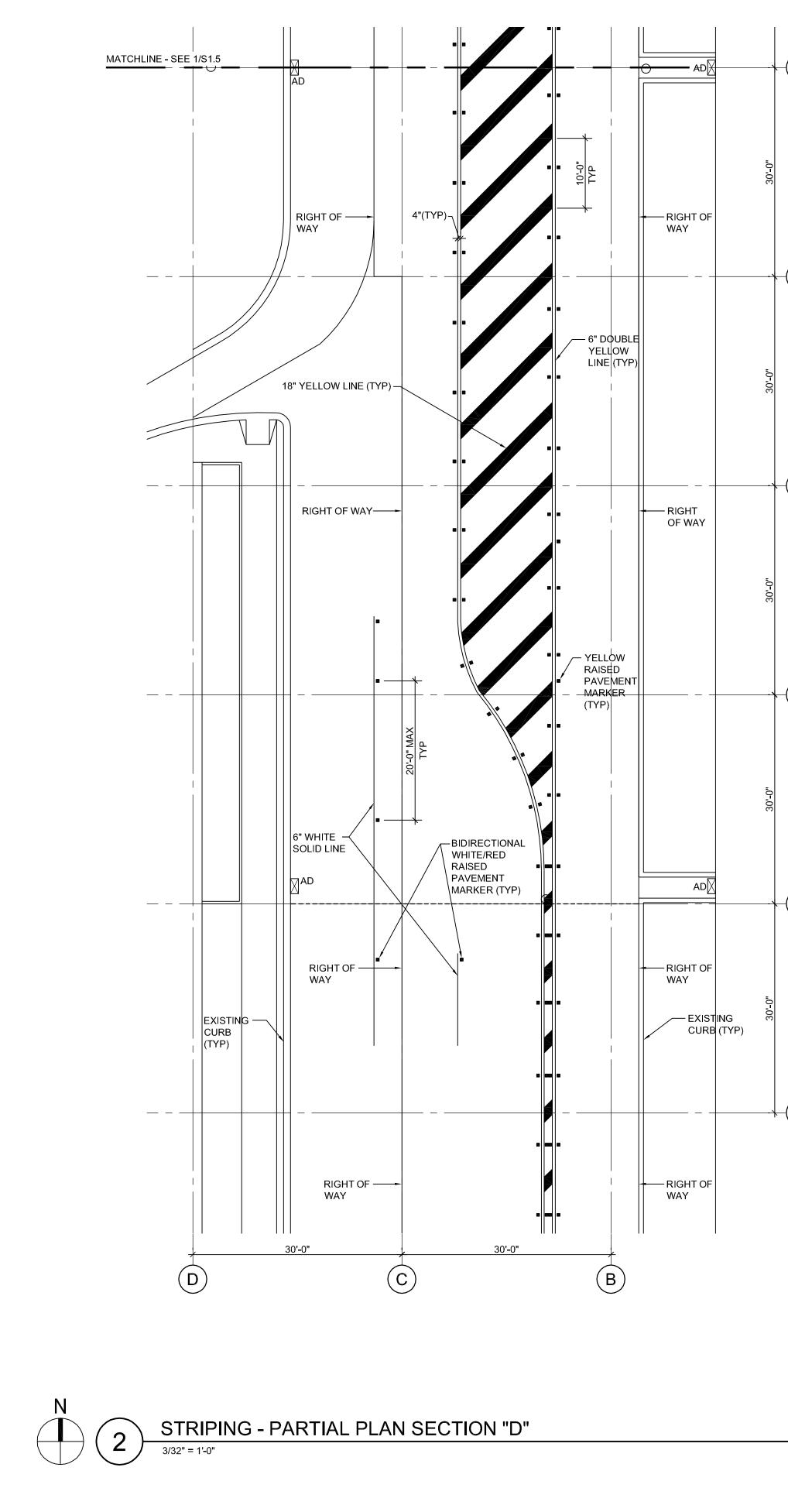
WALTER P MOORE

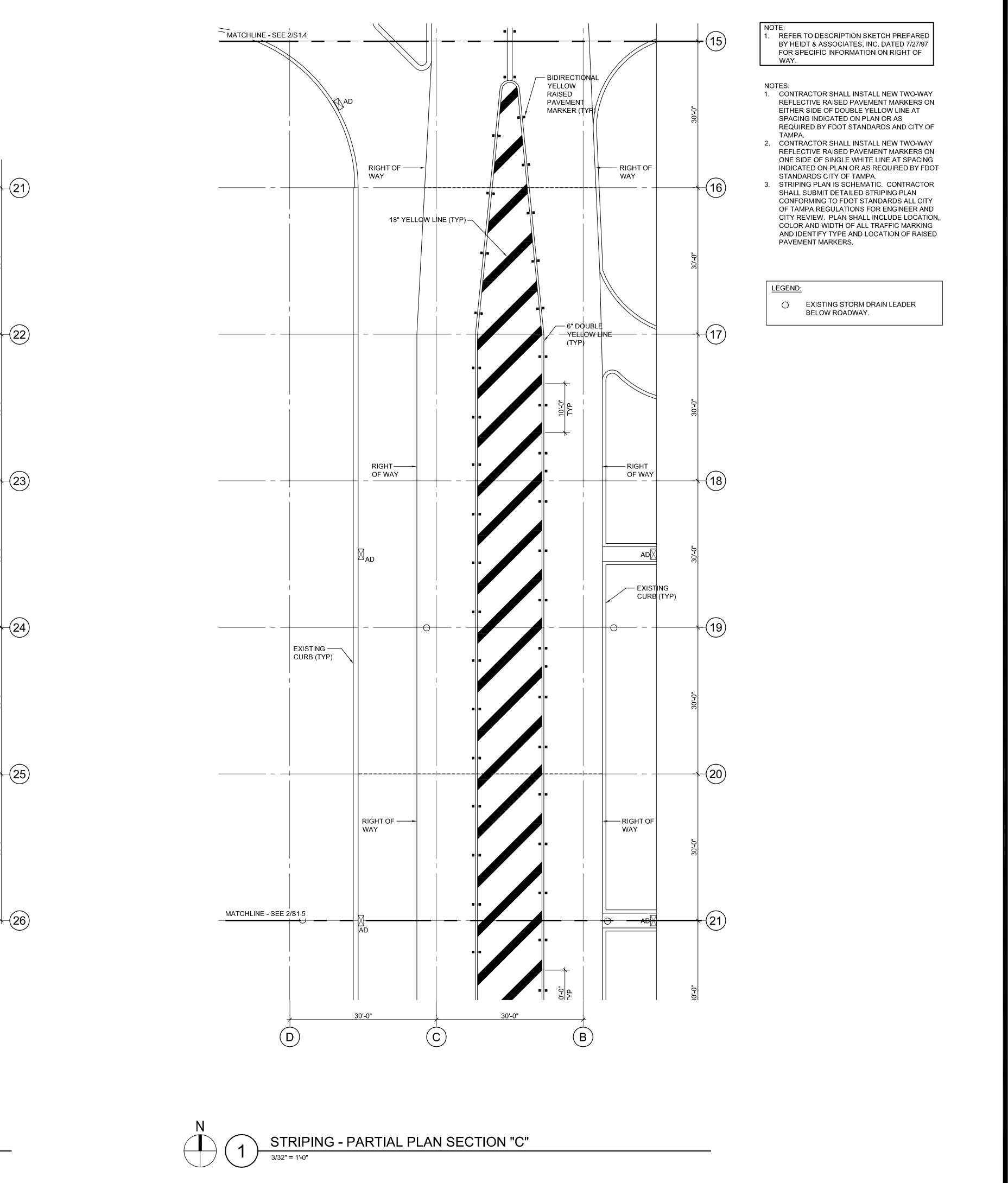




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 NOTES: 1. CONTRACTOR SHALL INSTALL NEW TWO-WAY REFLECTIVE RAISED PAVEMENT MARKERS ON EITHER SIDE OF DOUBLE YELLOW LINE AT SPACING INDICATED ON PLAN OR AS REQUIRED BY FDOT STANDARDS AND CITY OF TAMPA. STRIPING PLAN IS SCHEMATIC. CONTRACTOR SHALL SUBMIT DETAILED STRIPING PLAN CONFORMING TO FDOT STANDARDS AND ALL CITY OF TAMPA REGULATIONS FOR ENGINEER AND CITY REVIEW. PLAN SHALL INCLUDE LOCATION, COLOR AND WIDTH OF ALL TRAFFIC MARKING AND IDENTIFY TYPE AND LOCATION OF RAISED PAVEMENT MARKERS. 	<text><text></text></text>
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	Project Number : Drawn By : M05.10002.01 RC Approved By : Checked By : WW EV Certification Statement : TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE 2010 FLORIDA BUILDING CODE. Seal and Signature :
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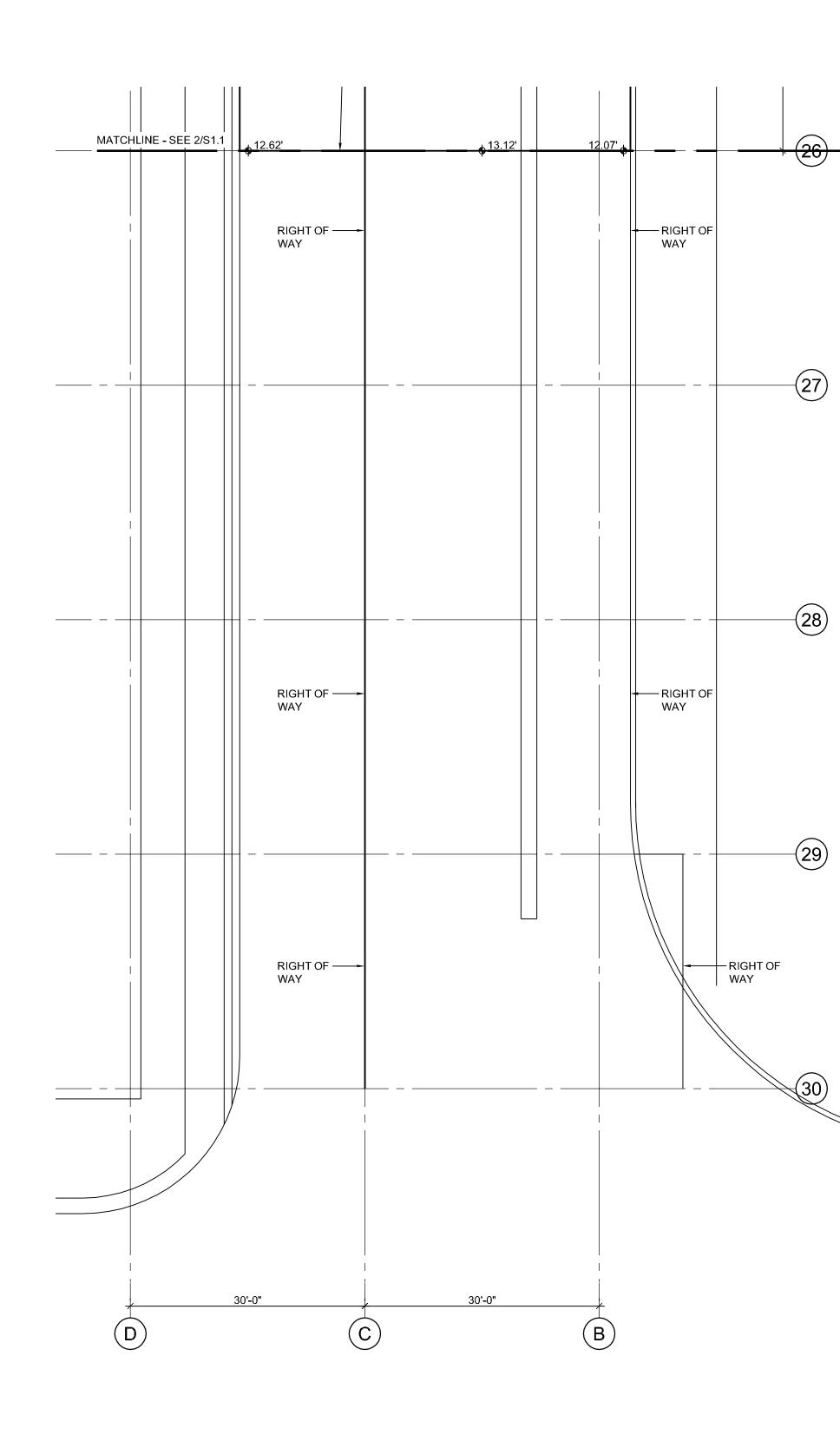


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HOUSTON DALLAS TAMPA ATLANTA ORLANDO KANSAS CITY AUSTIN LOS ANGELES LAS VEGAS Project :
HARBOUR ISLAND ROADWAY SURFACE REPLACEMENT
Client:
CITY OF TAMPA
Keyplan :
Issues/Revisions :
No. Date Description 29.AUG.14 100% CD
Project Number :Drawn By :M05.10002.01RCApproved By :Checked By :WWEV
Certification Statement : TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE 2010 FLORIDA BUILDING CODE.
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N EXISTING ELEVATIONS - PARTIAL PLAN SECTION "E"

NOTE 1 REFER TO

REFER TO DESCRIPTION SKETCH PREPARED BY HEIDT & ASSOCIATES, INC. DATED 7/27/97 FOR SPECIFIC INFORMATION ON RIGHT OF WAY.

NOTES:

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- 3. ARROWS SHOWN ON PLANS INDICATE THE GENERAL DIRECTION OF SURFACE WATER RUNOFF FLOW.

LEGEND:

TOP OF ROADWAY ELEVATION.

TOP OF STRUCTURAL SLAB ELEVATION.

WALTER P. MOORE AND ASSOCIATES, INC. 201 EAST KENNEDY BOULEVARD, SUITE 300

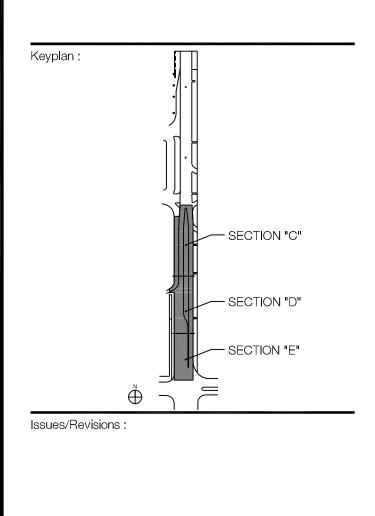
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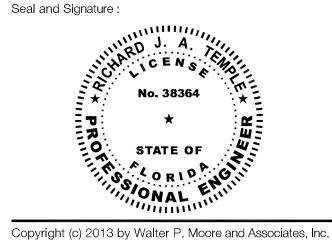
HARBOUR ISLAND ROADWAY SURFACE REPLACEMENT

Client:

CITY OF TAMPA



Certification Statement : TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE 2010 FLORIDA BUILDING CODE.

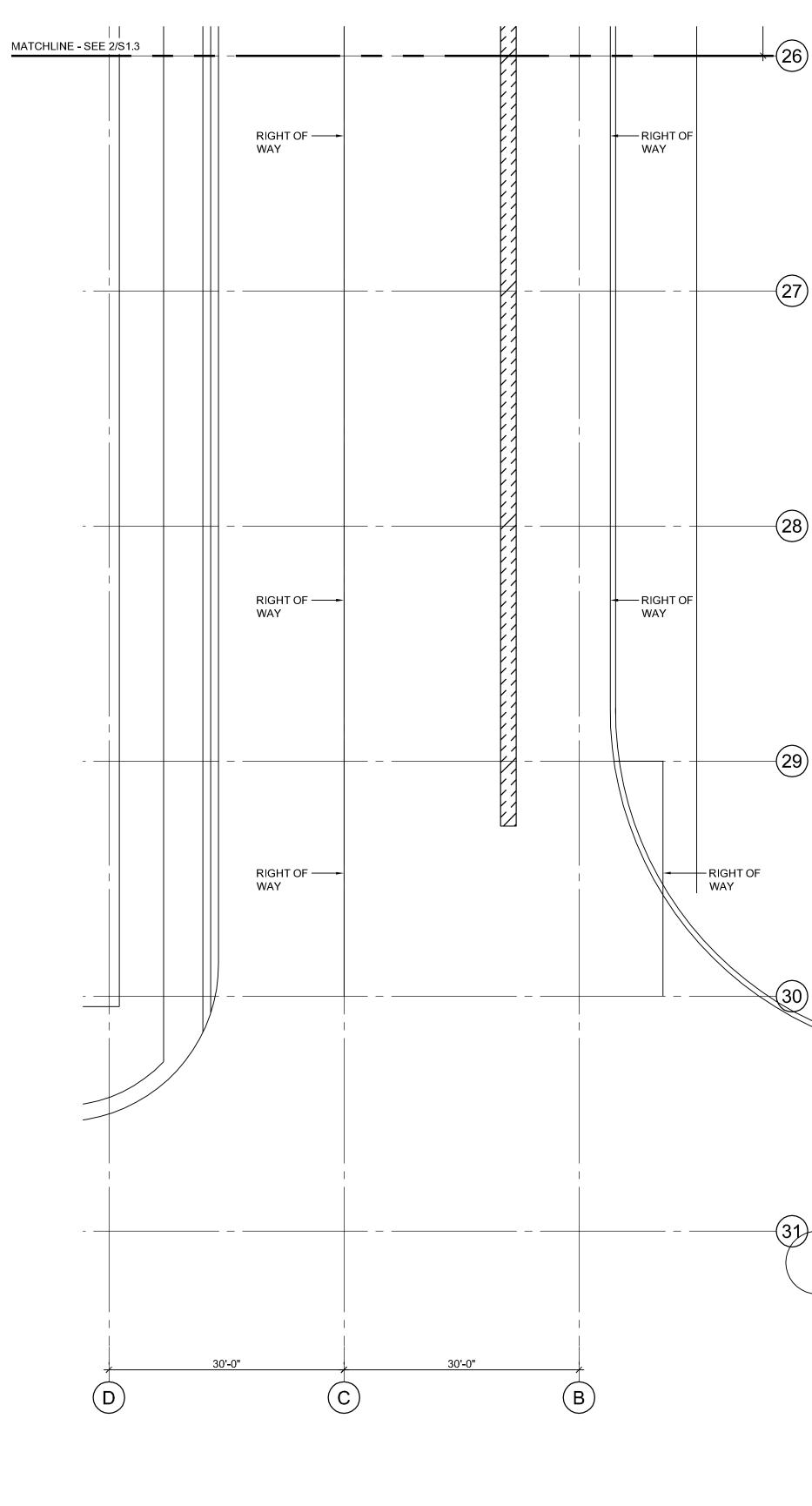


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NOTE: REFER TO DESCRIPTION SKETCH PREPARED BY HEIDT & ASSOCIATES, INC. DATED 7/27/97 FOR SPECIFIC INFORMATION ON RIGHT OF WAY. NOTES: 1. REMOVE EXISTING CONCRETE TOPPING SLAB

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LEGEND:

EXISTING STORM DRAIN LEADER
 BELOW ROADWAY.

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WALTER P MOORE

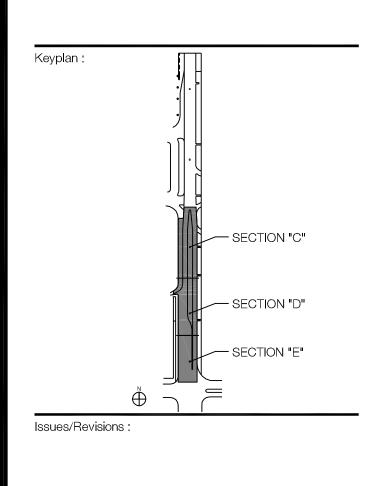
WALTER P. MOORE AND ASSOCIATES, INC. 201 EAST KENNEDY BOULEVARD, SUITE 300 TAMPA, FLORIDA 33602.5181 PHONE: 813.221.2424 FAX: 813.221.2289 CERTIFICATE OF AUTHORIZATION NO. 3818

HOUSTON DALLAS TAMPA ATLANTA Orlando kansas city austin los angeles las vegas Project :

HARBOUR ISLAND ROADWAY SURFACE REPLACEMENT

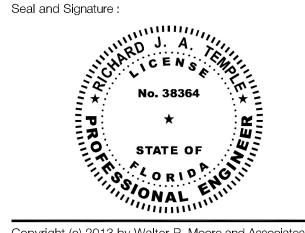
Client:

CITY OF TAMPA



No. Date Description 29.AUG.14 100% CD Project Number Drawn By : M05.10002.01 RC Checked By : Approved By : WW ΕV

Certification Statement : TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE 2010 FLORIDA BUILDING CODE.

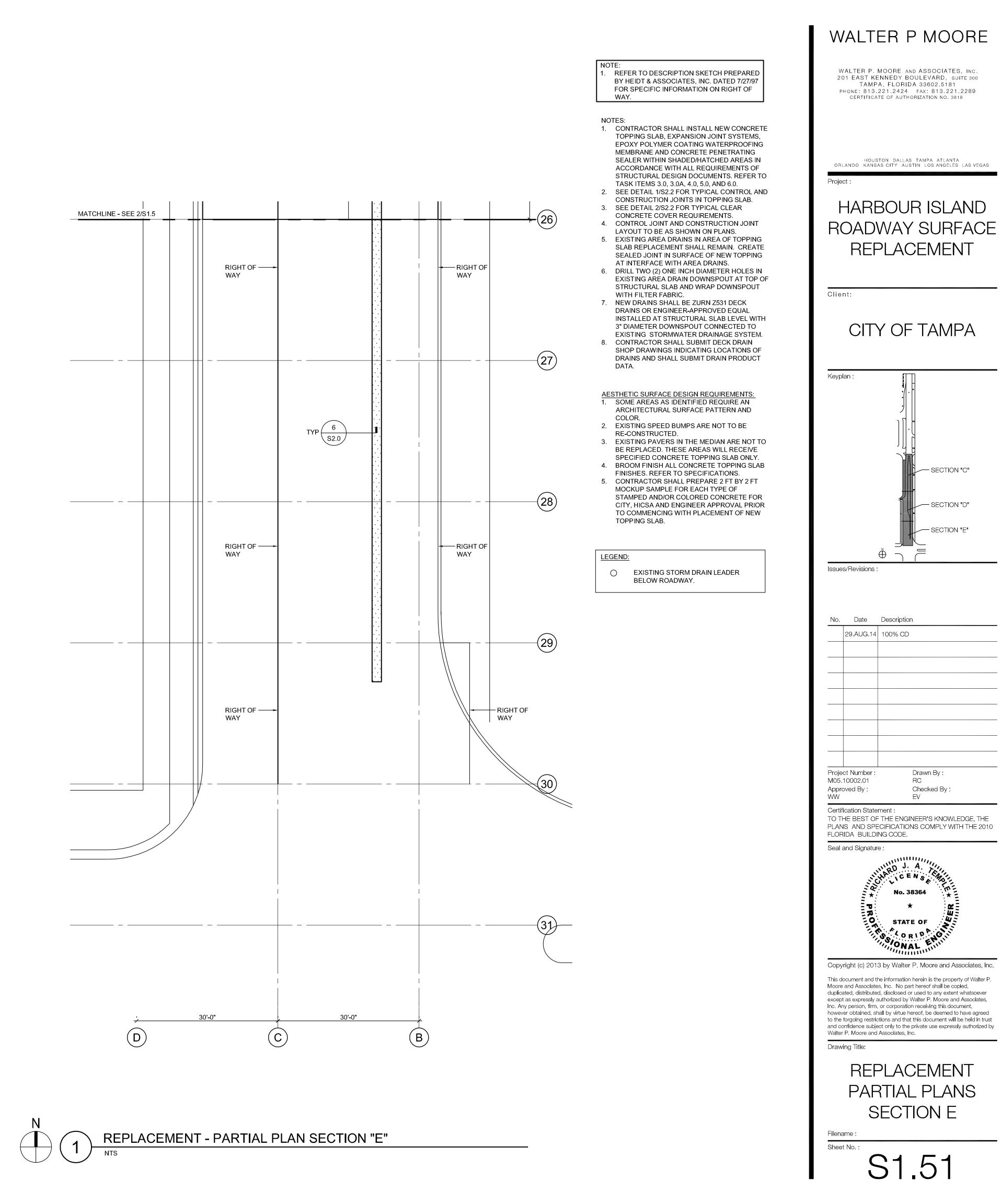


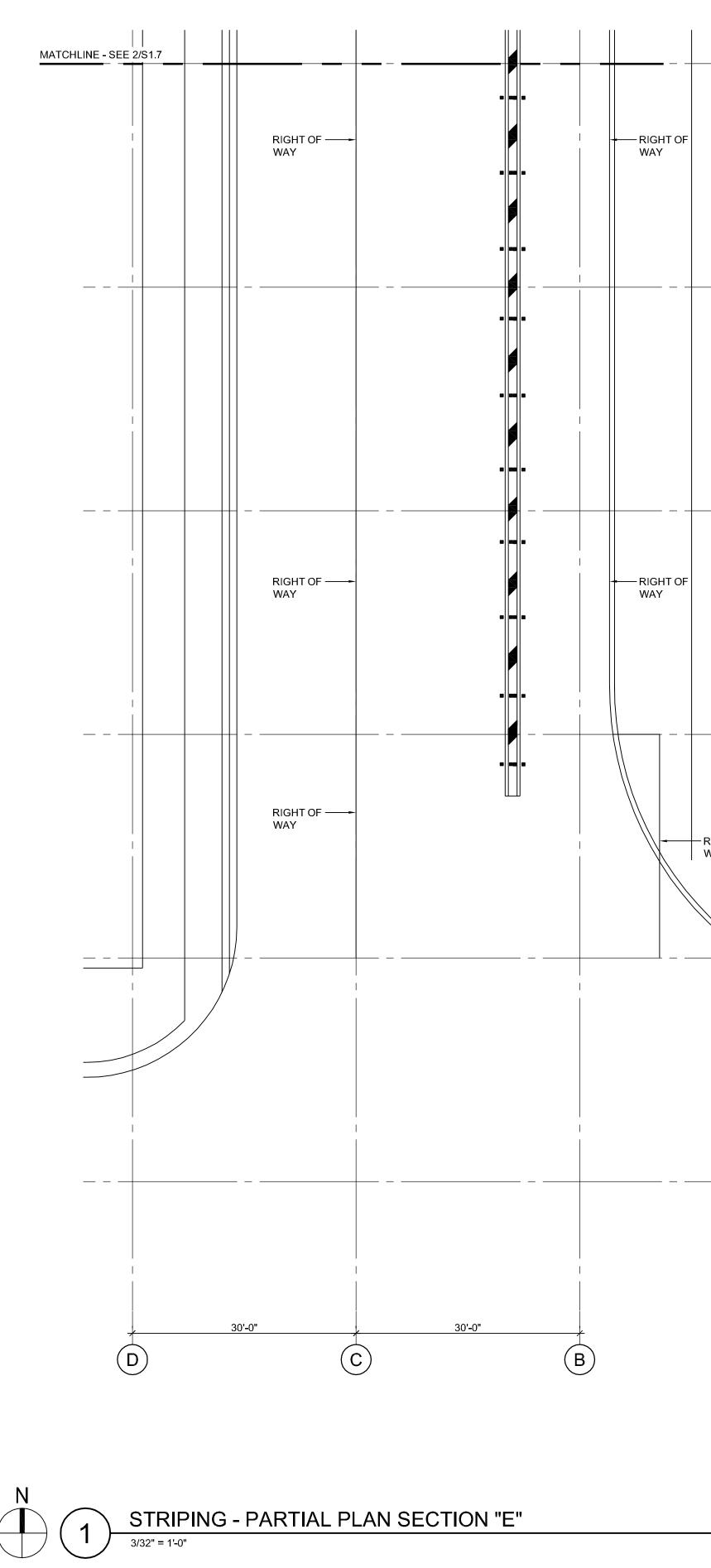
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> DEMOLITION PARTIAL PLANS SECTION E

Filename : Sheet No. :

Drawing Title:





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NOTES: 1. CONTRACTOR SHALL INSTALL NEW TWO-WAY REFLECTIVE RAISED PAVEMENT MARKERS ON EITHER SIDE OF DOUBLE YELLOW LINE AT SPACING INDICATED ON PLAN OR AS REQUIRED BY FDOT STANDARDS AND CITY OF

- TAMPA.
 CONTRACTOR SHALL INSTALL NEW TWO-WAY REFLECTIVE RAISED PAVEMENT MARKERS ON ONE SIDE OF SINGLE WHITE LINE AT SPACING INDICATED ON PLAN OR AS REQUIRED BY FDOT STANDARDS CITY OF TAMPA.
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O EXISTING STORM DRAIN LEADER BELOW ROADWAY.

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TAMPA, FLORIDA 33602.5181 PHONE: 813.221.2424 FAX: 813.221.2289 CERTIFICATE OF AUTHORIZATION NO. 3818
HOUSTON DALLAS TAMPA ATLANTA ORLANDO KANSAS CITY AUSTIN LOS ANGELES LAS VEGAS
HARBOUR ISLAND ROADWAY SURFACE REPLACEMENT
CITY OF TAMPA
Keyplan :

WALTER P MOORE

WALTER P. MOORE AND ASSOCIATES, INC. 201 EAST KENNEDY BOULEVARD, SUITE 300

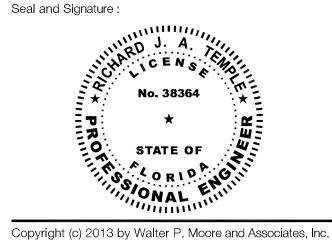
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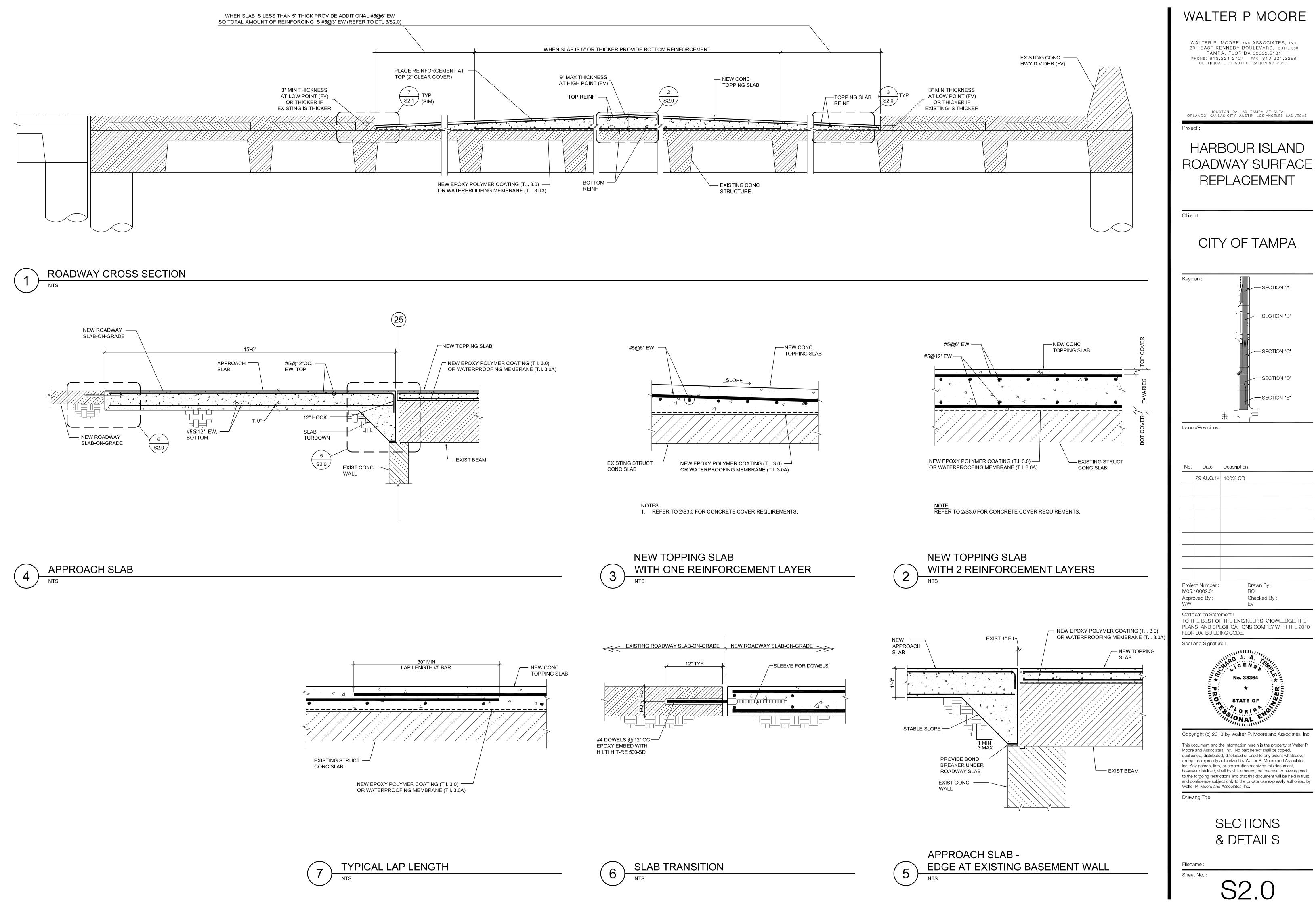


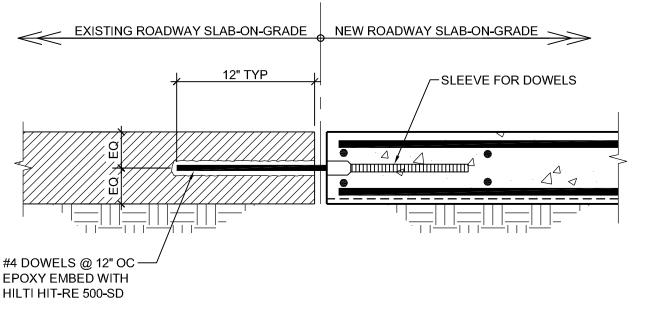
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> STRIPING PARTIAL PLANS SECTION E

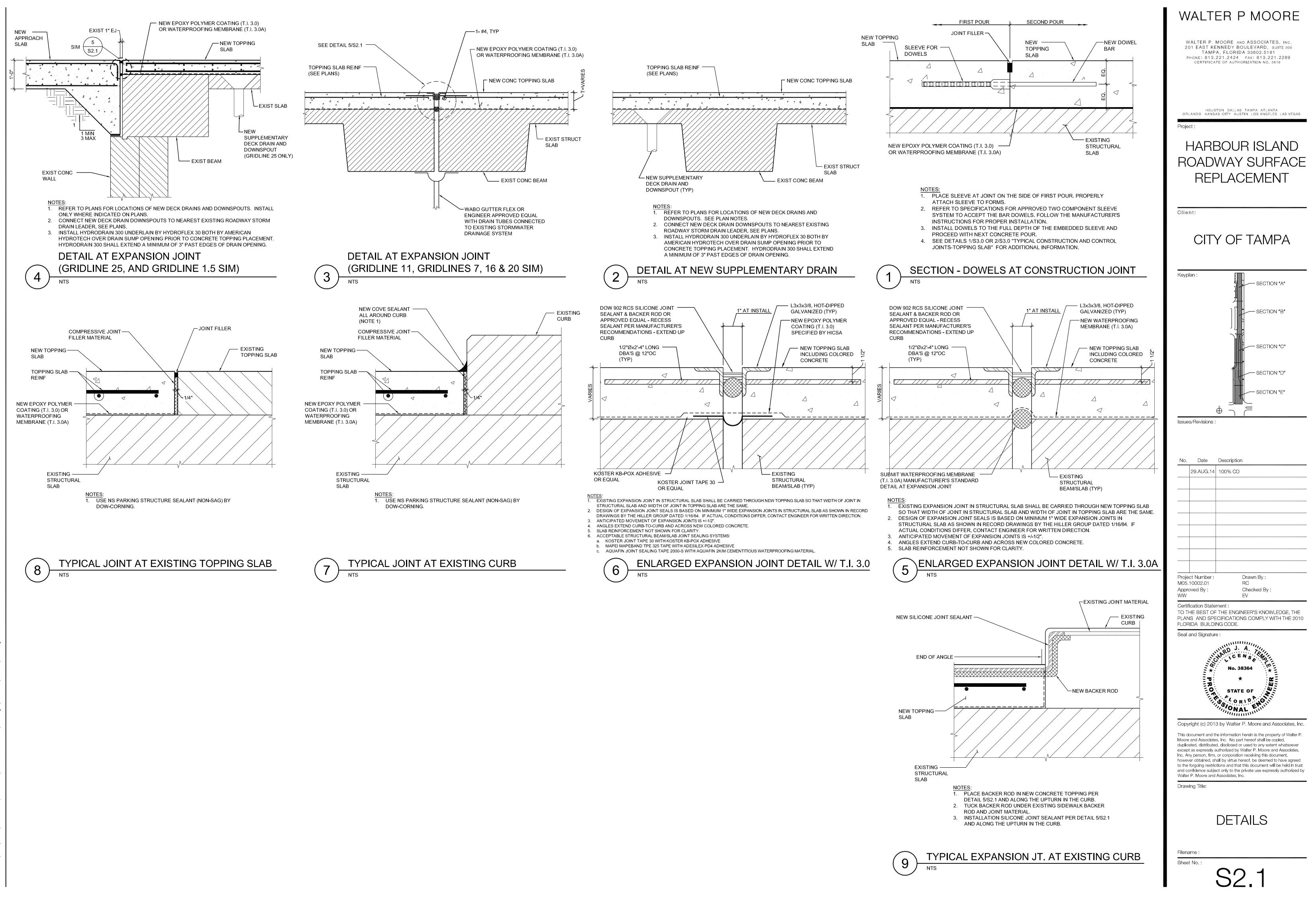
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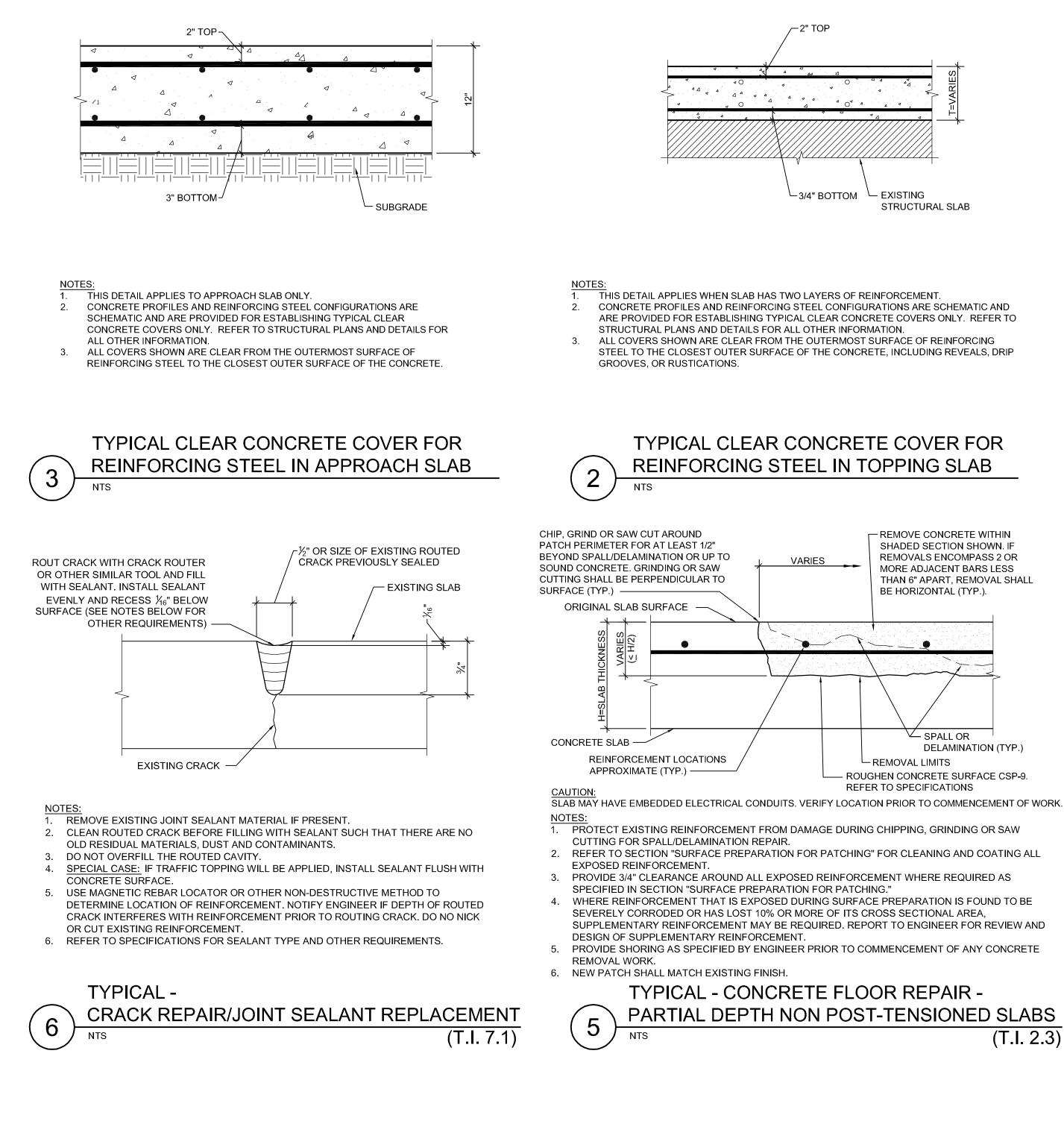












(T.I. 2.3)

ſ	DOWEL SCHEDULE								
	SLAB DEPTH (INCHES)	DOWEL SIZE (DIAMETER, INCHES)	DOWEL LENGTH (INCHES)	DOWEL SPACING (INCHES)					
	3 TO 3 7/8	5/8	18	12					
	4 TO 4 7/8	3/4	18	12					
	5 TO 6	7/8	24	12					
	6 1/8 TO 8	1	24	12					
	8 1/8 TO 9	1 1/4	24	12					

PREPARE EDGE ON EACH SIDE OF

JOINT WITH 1/8" RADIUS, SAWCUT

JOINT AND PROVIDE JOINT FILLER

CONSTRUCTION JOINT, -

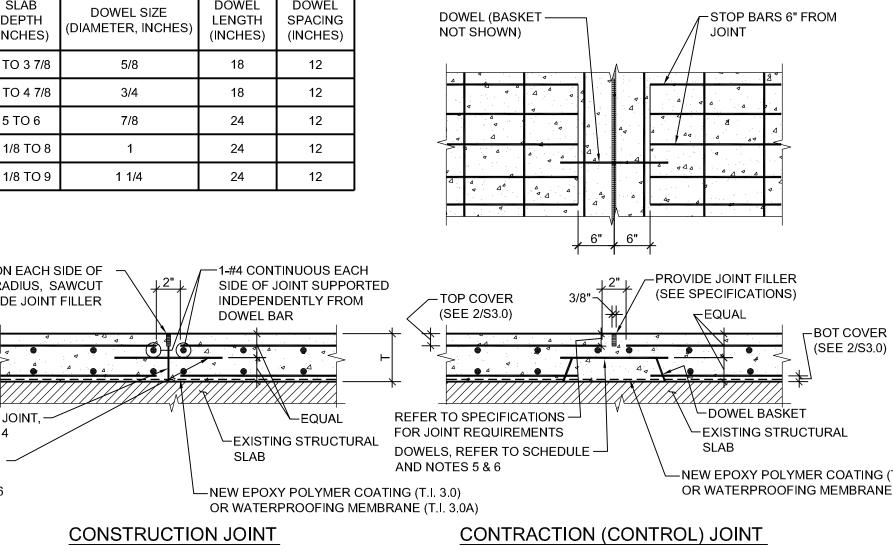
NTS

REFER TO NOTE 4

DOWELS, REFER

AND NOTES 5 & 6

TO SCHEDULE



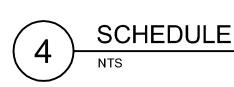
TYPICAL CONSTRUCTION AND CONTROL JOINTS - TOPPING SLAB - HEAVY TRAFFIC

CLASSES OF CONCRETE MATRIX										
CONCRETE USAGE	MINIMUM COMPRESSIVE STRENGTH [f'c]	CONCRETE TYPE	EXPOSURE CLASSES	MAXIMUM W/CM RATIO	PERMISSIBLE AIR CONTENT	REQUIRED CEMENT REPLACEMENT	MAXIMUM AGGREGATE SIZE	ADDITIONAL REMARKS		
TOPPING SLAB FOR ROADWAY	5,000 PSI AT 28 DAYS	NWC	P1,C2	0.40	N/A	N/A	3/4"	See Note 3		
NOTES: 1. ALL CONCRETE SHALL BE CONSIDERED TO BE IN EXPOSURE CLASS F0, S0, P1, AND C2 ACCORDING TO ACI 318-08 AS NOTED IN TABLE ABOVE.										

2. CONCRETE NOTED ABOVE SHALL BE PROPORTIONED TO COMPLY WITH ACI 318-08 TABLES 4.3.1, 4.4.1, AND 4.4.2 IN ADDITION TO THE NOTATIONS IN THE TABLE ABOVE AND THE STRICTER REQUIREMENTS SHALL GOVERN. REFER TO THE SPECIFICATIONS FOR OTHER REQUIREMENTS FOR VARIOUS EXPOSURE CLASSES RELATIVE TO CEMENT TYPE, AIR ENTRAINMENT REQUIREMENTS, CHLORIDE ION LIMITS, AND POZZOLAN LIMITS.

3. WHERE INDICATED IN THE "ADDITIONAL REMARKS" COLUMN OF THE TABLE ABOVE, CONCRETE SHALL BE PROPORTIONED FOR A MAXIMUM ALLOWABLE UNIT SHRINKAGE OF 0.035% MEASURED AT 28 DAYS AFTER CURING IN LIME WATER AS DETERMINED BY ASTM C157, USING AIR STORAGE.

4. FIBER REINFORCEMENT TO BE INCLUDED IN TOPPING SLAB. REFER TO GENERAL NOTES.



REFER TO PLANS FOR SLAB THICKNESS (T) AND REINFORCEMENT. REFER TO DETAIL 2/S3.0 FOR CONCRETE COVER REQUIREMENTS.

- 2. REFER TO PLANS FOR LAYOUT OF CONSTRUCTION AND CONTROL JOINTS. SLAB REINFORCEMENT SHALL BE CHAIRED BY SLAB
- BOLSTERS.
- AT CONSTRUCTION JOINTS, BREAK BOND BETWEEN NEW AND PREVIOUSLY PLACED SLAB BY SPRAYING OR PAINTING EXPOSED SIDES OF JOINT WITH A CURING COMPOUND. BONDBREAKER, OR FORM OIL.
- DOWELS SHOULD BE SMOOTH, ALIGNED, AND SUPPORTED SO THEY WILL REMAIN PARALLEL IN BOTH THE HORIZONTAL AND VERTICAL PLANES.
- 6. TO PREVENT A BOND BETWEEN THE DOWEL AND THE CONCRETE, LIGHTLY COAT THE EXPOSED END OF THE DOWELS WITH A PARAFFIN-BASED LUBRICANT, ASPHALT EMULSION, FORM OIL, OR GREASE IMMEDIATELY BEFORE PLACING CONCRETE ON THE SECOND SIDE OF THE JOINT. ALTERNATIVELY, USE A PLASTIC OR METAL SLEEVE SPECIFICALLY MANUFACTURED FOR THIS PURPOSE. SEE DETAIL 1/S2.1 FOR TYPICAL PLACEMENT OF DOWELS AT

SLAB CONSTRUCTION JOINT.

— NEW EPOXY POLYMER COATING (T.I. 3.0) OR WATERPROOFING MEMBRANE (T.I. 3.0A)

WALTER P MOORE

WALTER P. MOORE AND ASSOCIATES, INC. 201 EAST KENNEDY BOULEVARD, SUITE 300 TAMPA, FLORIDA 33602.5181 PHONE: 813.221.2424 FAX: 813.221.2289 CERTIFICATE OF AUTHORIZATION NO. 3818

HOUSTON DALLAS TAMPA ATLANTA ORLANDO KANSAS CITY AUSTIN LOS ANGELES LAS VEGAS Project :

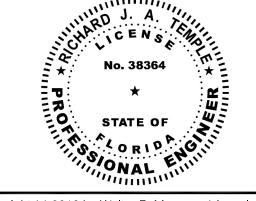
HARBOUR ISLAND **ROADWAY SURFACE** REPLACEMENT

Client:

CITY OF TAMPA

Kevplan

Issues/Revisions : No. Date Description 29.AUG.14 100% CD Project Number Drawn By : M05.10002.01 RC Checked By : Approved By : WW EV Certification Statement : TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE 2010 FLORIDA BUILDING CODE. Seal and Signature :



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