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**Please Email ALL Questions:**

**[MailTo:ContractAdministration@TampaGov.net](mailto:ContractAdministration@TampaGov.net)**

**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

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

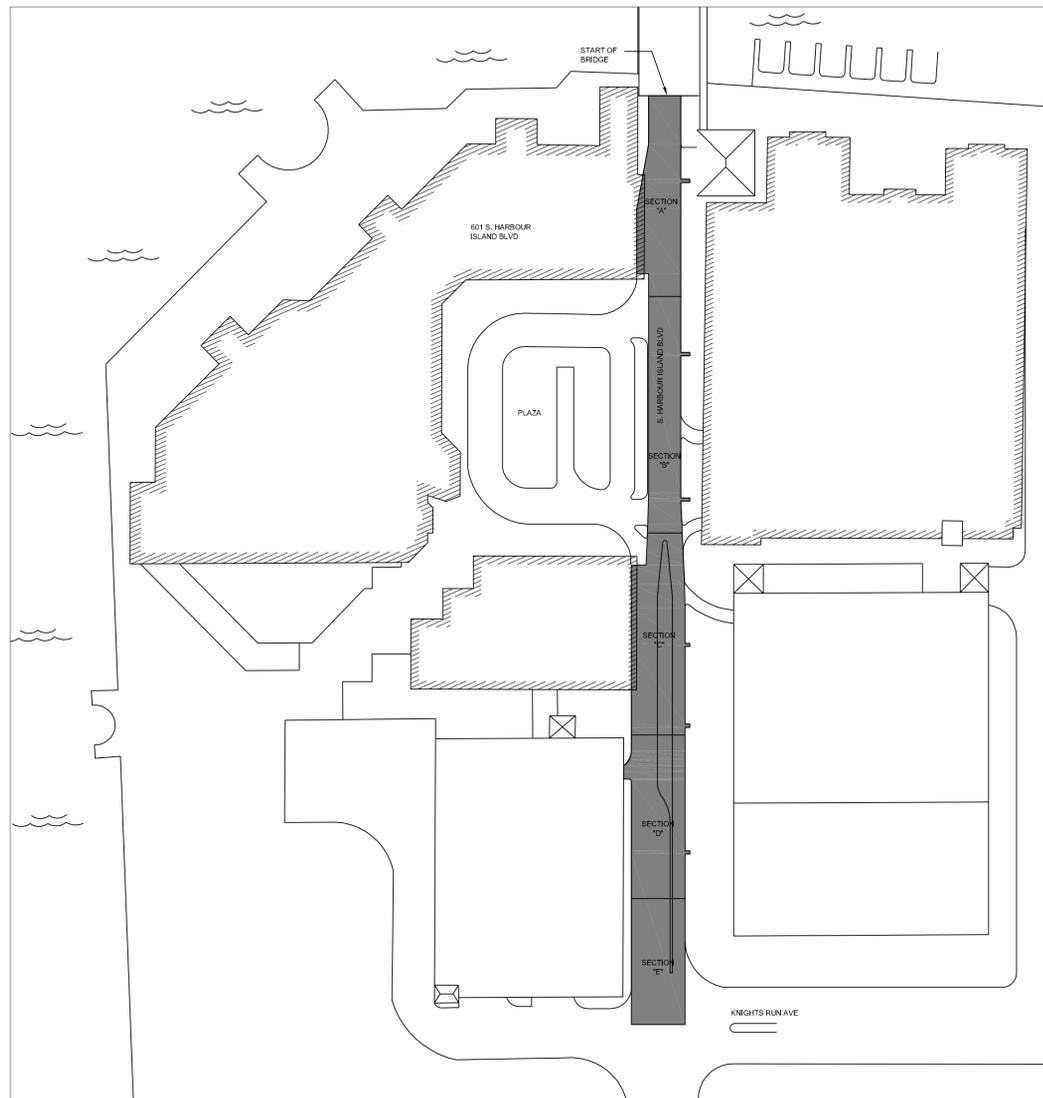
HOUSTON DALLAS TAMPA ATLANTA  
ORLANDO KANSAS CITY AUSTIN LOS ANGELES LAS VEGAS

Project :

HARBOUR ISLAND  
ROADWAY SURFACE  
REPLACEMENT

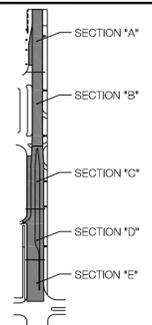
Client:

CITY OF TAMPA



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S2.1	DETAILS
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Keyplan :



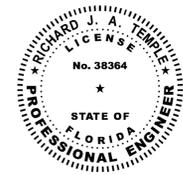
Issues/Revisions :

No.	Date	Description
29	AUG.14	100% CD

Project Number : M05.10002.01  
Approved By : WW  
Drawn By : RC  
Checked By : 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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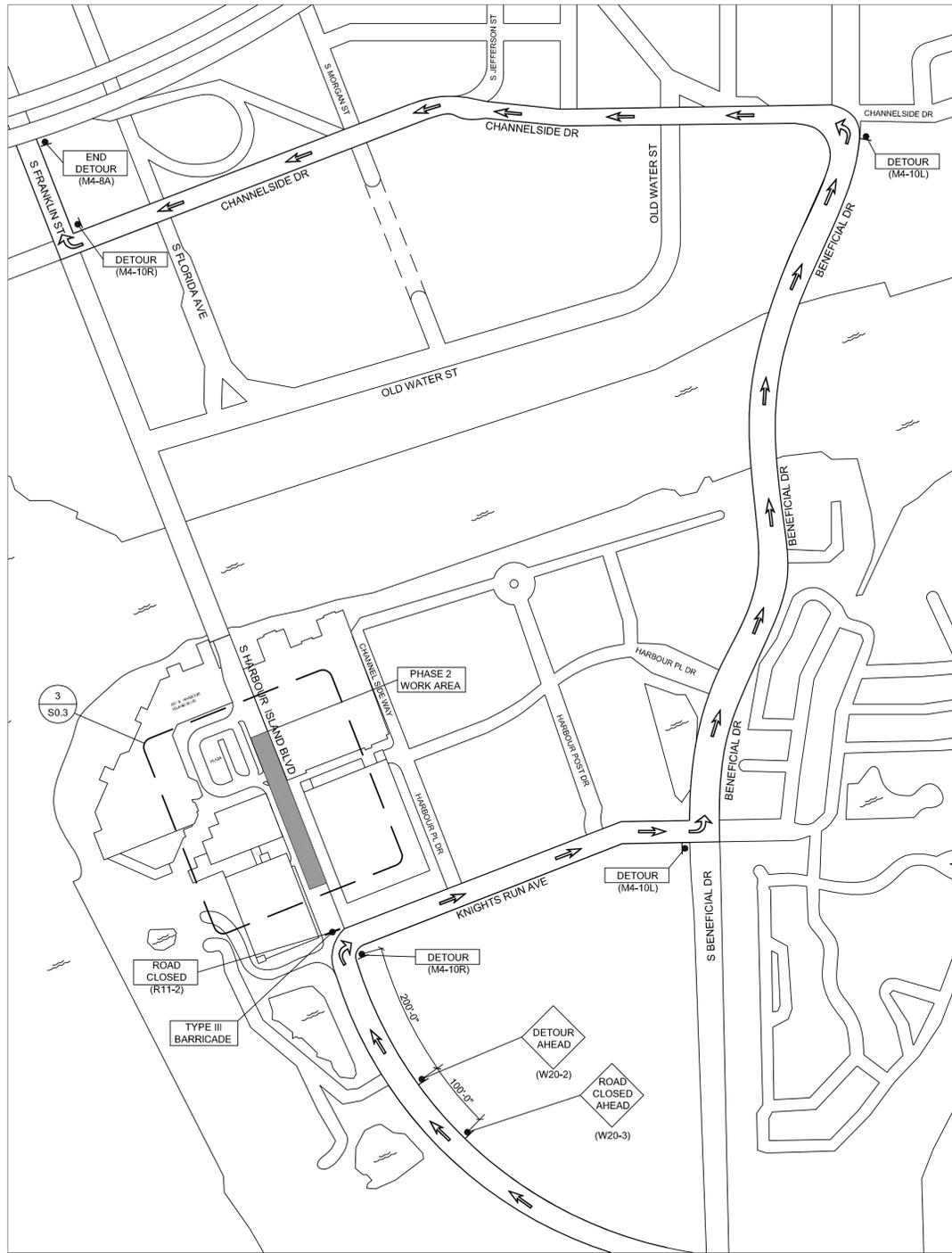
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Filename :

Sheet No. :

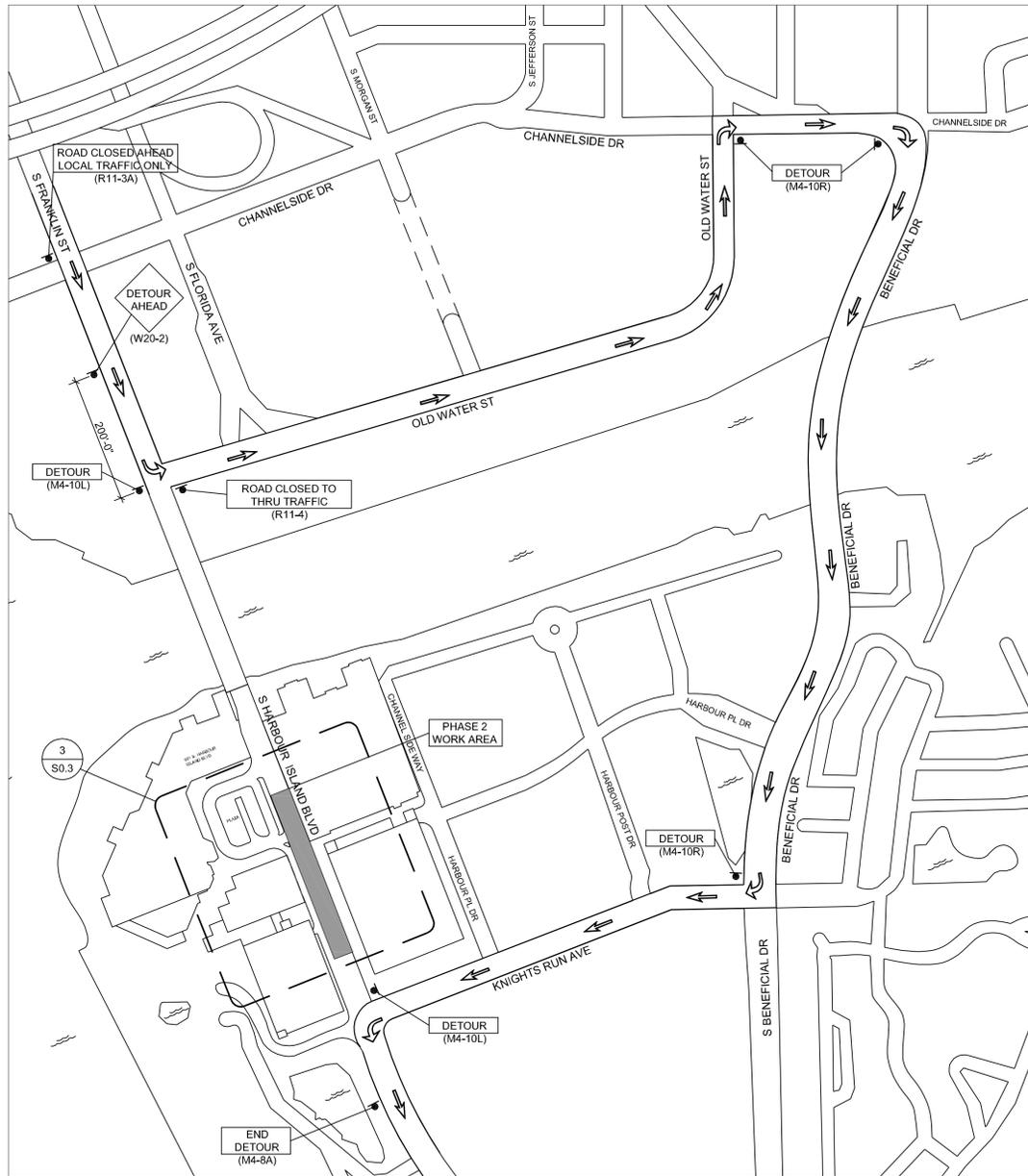
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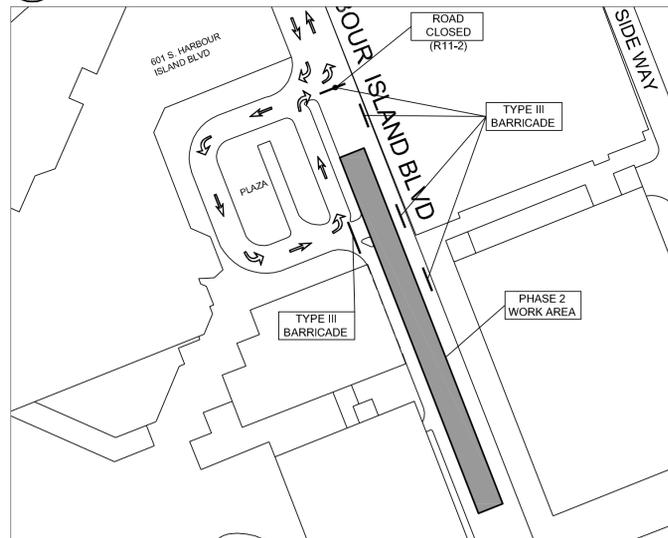


NOTE:  
RE-ROUTE TRAFFIC FROM SOUTH HARBOUR ISLAND BOULEVARD ONTO KNIGHTS RUN AVENUE EASTBOUND, TO BENEFICIAL DRIVE NORTHBOUND, TO CHANNELSIDE DRIVE WESTBOUND AND ONTO SOUTH FRANKLIN STREET NORTHBOUND.

**2** MOT PLAN - CONSTRUCTION PHASE 2 - TRAFFIC HEADING NORTH ON S. HARBOUR ISLAND BLVD.  
NTS



**1** MOT PLAN - CONSTRUCTION PHASE 2 - TRAFFIC HEADING SOUTH ON S. FRANKLIN ST.  
NTS



**3** ENLARGED - LOCAL TRAFFIC MOT  
NTS

**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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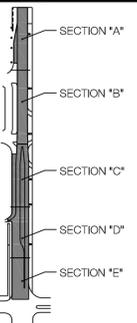
Project:

**HARBOUR ISLAND ROADWAY SURFACE REPLACEMENT**

Client:

**CITY OF TAMPA**

Keyplan:



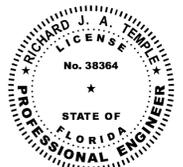
Issues/Revisions:

No.	Date	Description
29.AUG.14	100% CD	

Project Number: M05-10002-01  
Drawn By: RC  
Approved By: WW  
Checked By: EV

Certification Statement:  
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Seal and Signature:



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Drawing Title:

**PHASE 2 MOT PLANS**

Filename:

Sheet No.:

**S0.3**



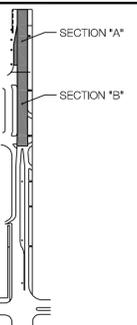
Project :

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 REPLACEMENT**

Client:

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Keyplan :



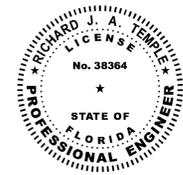
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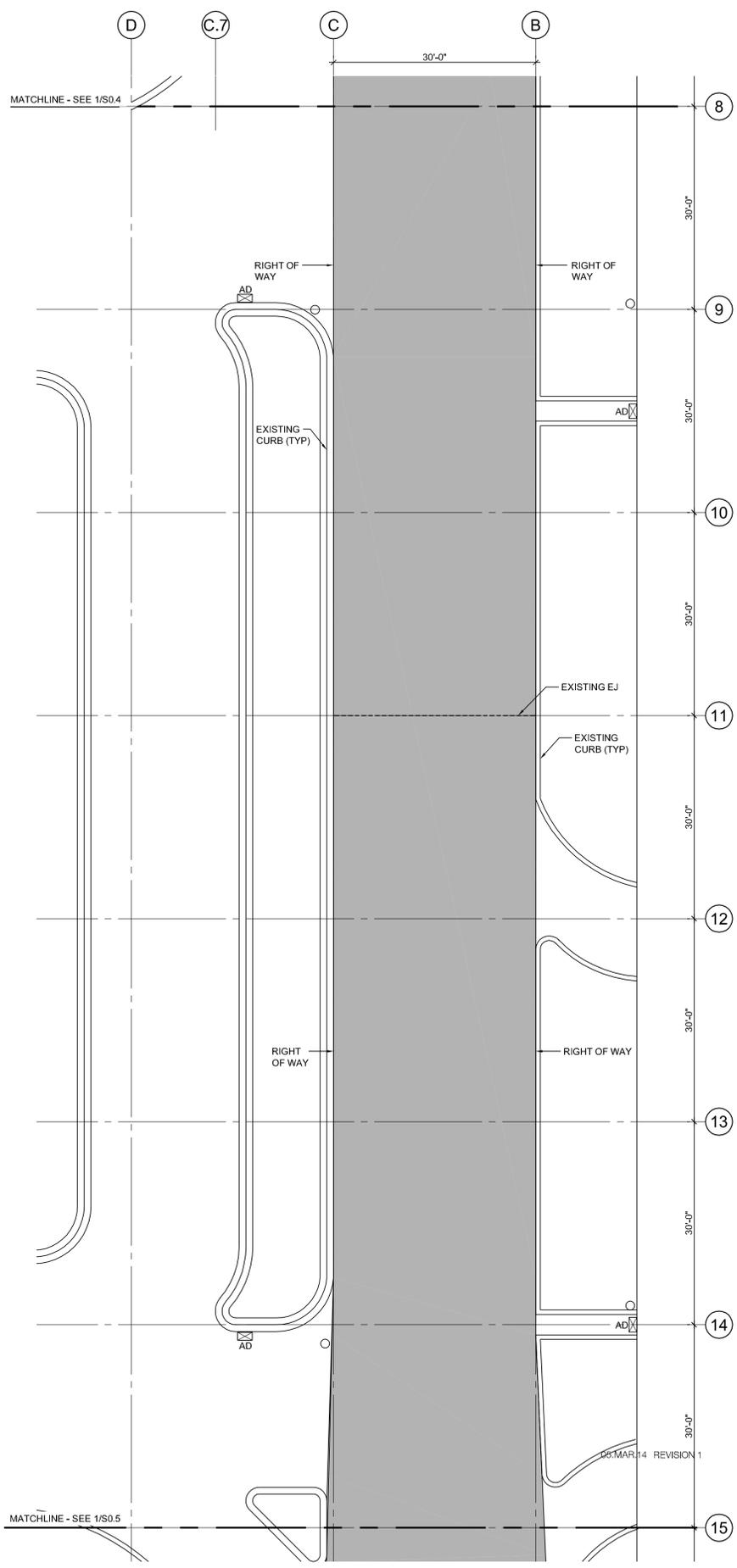
**RIGHT-OF-WAY  
 PARTIAL PLANS  
 SECTIONS A & B**

Filename :

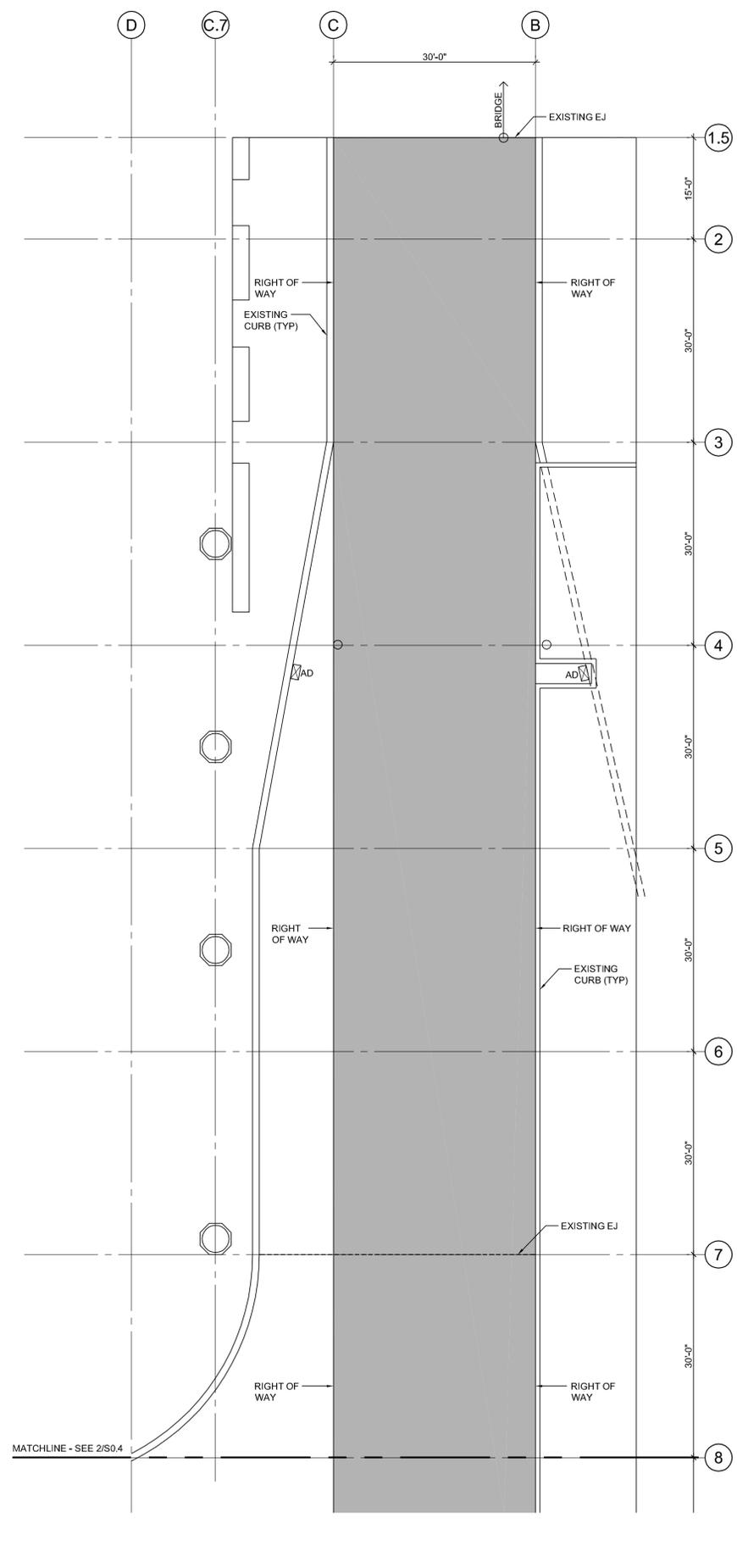
Sheet No. :

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

LEGEND:  
 ○ EXISTING STORM DRAIN LEADER  
 BELOW ROADWAY.



**2 RIGHT-OF-WAY - PARTIAL PLAN SECTION "B"**  
 NTS



**1 RIGHT-OF-WAY - PARTIAL PLAN SECTION "A"**  
 NTS

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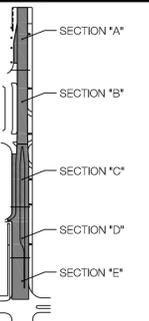
Project :

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Keyplan:



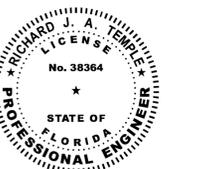
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Drawing Title:

**RIGHT-OF-WAY  
 PARTIAL PLANS  
 SECTIONS C & D**

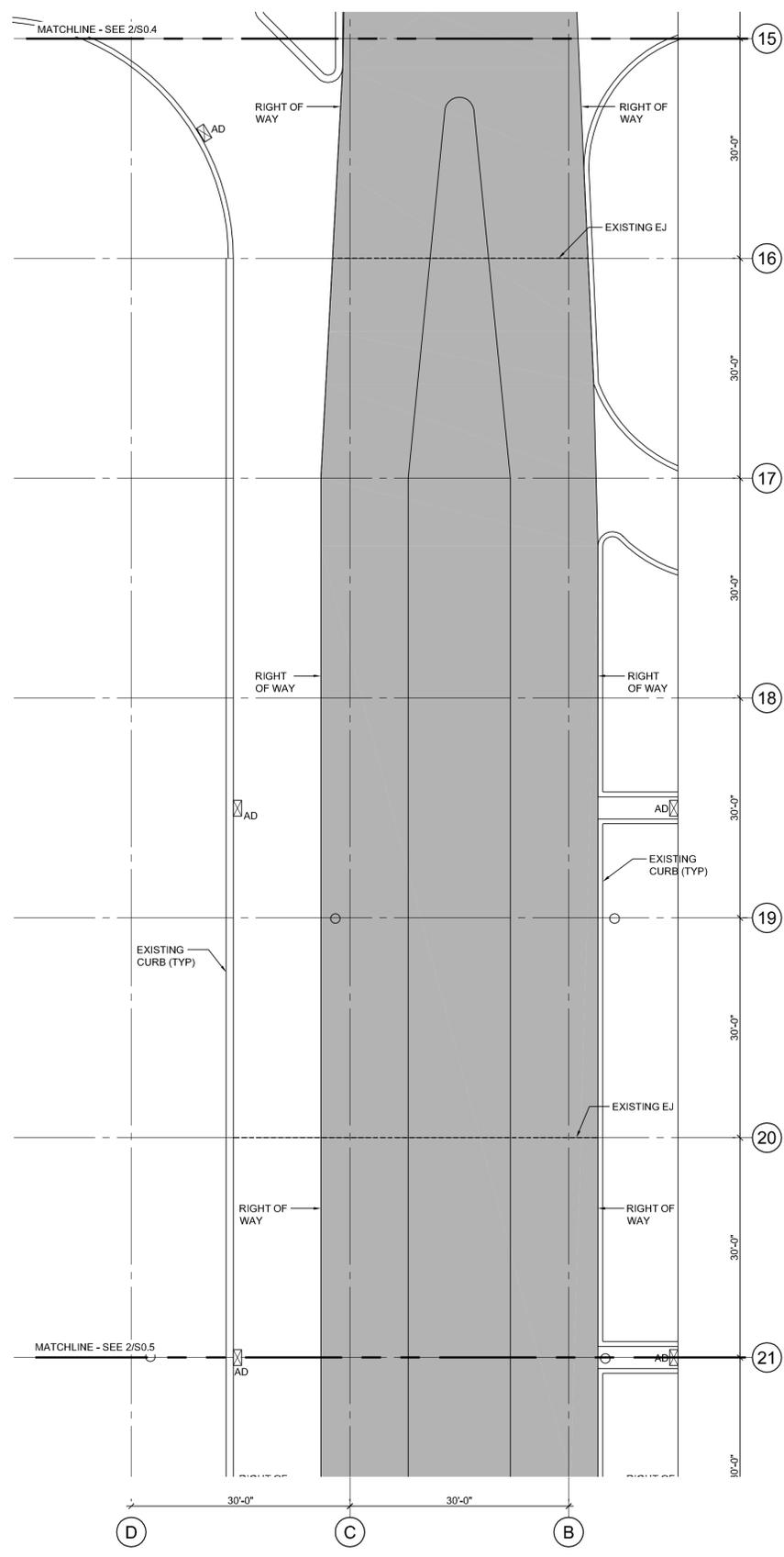
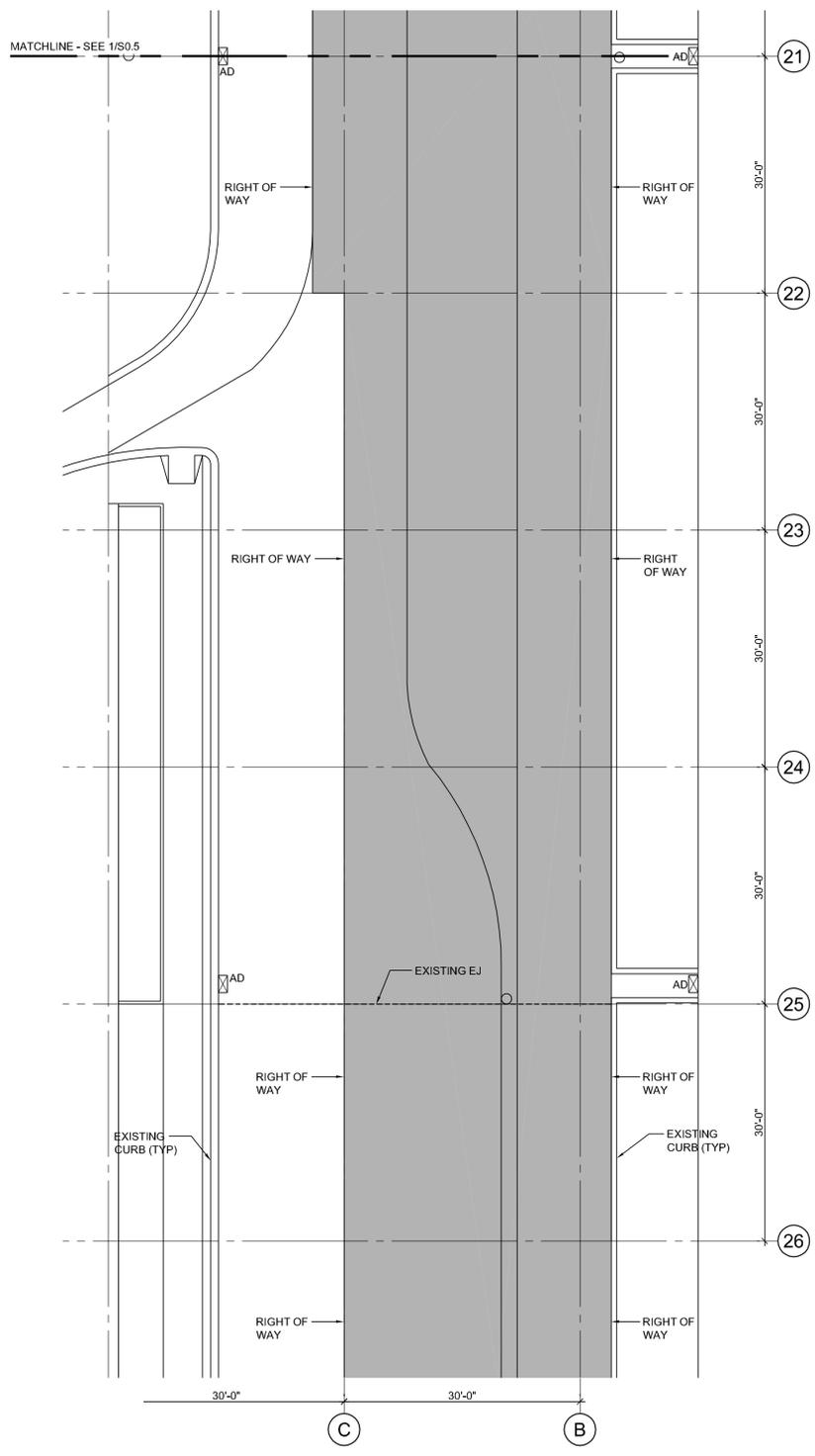
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Sheet No. :

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

LEGEND:  
 ○ EXISTING STORM DRAIN LEADER BELOW ROADWAY.



**2 RIGHT-OF-WAY - PARTIAL PLAN SECTION "D"**  
 NTS

**1 RIGHT-OF-WAY - PARTIAL PLAN SECTION "C"**  
 NTS

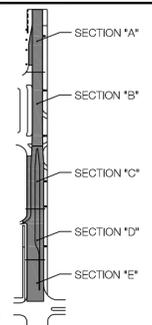
Project :

HARBOUR ISLAND  
 ROADWAY SURFACE  
 REPLACEMENT

Client:

CITY OF TAMPA

Keyplan:



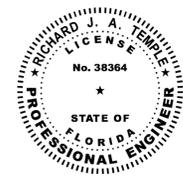
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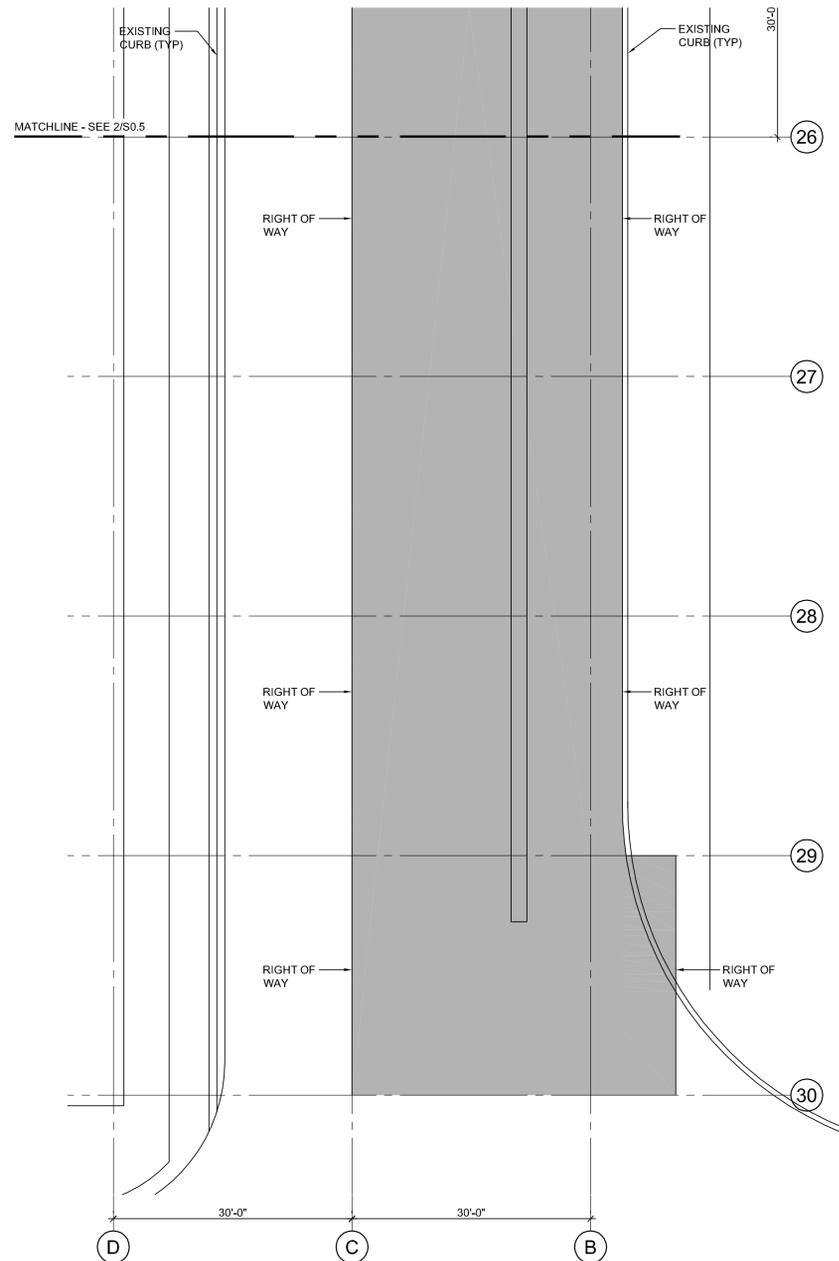
RIGHT-OF-WAY  
 PARTIAL PLANS  
 SECTION E

Filename :

Sheet No. :

S0.6

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



1 RIGHT-OF-WAY - PARTIAL PLAN SECTION "E"  
 NTS

Project:

**HARBOUR ISLAND  
 ROADWAY SURFACE  
 REPLACEMENT**

Client:

**CITY OF TAMPA**

Keyplan:



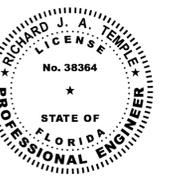
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Drawing Title:

**EXISTING ELEVATIONS  
 PARTIAL PLANS  
 SECTIONS A & B**

Filename:

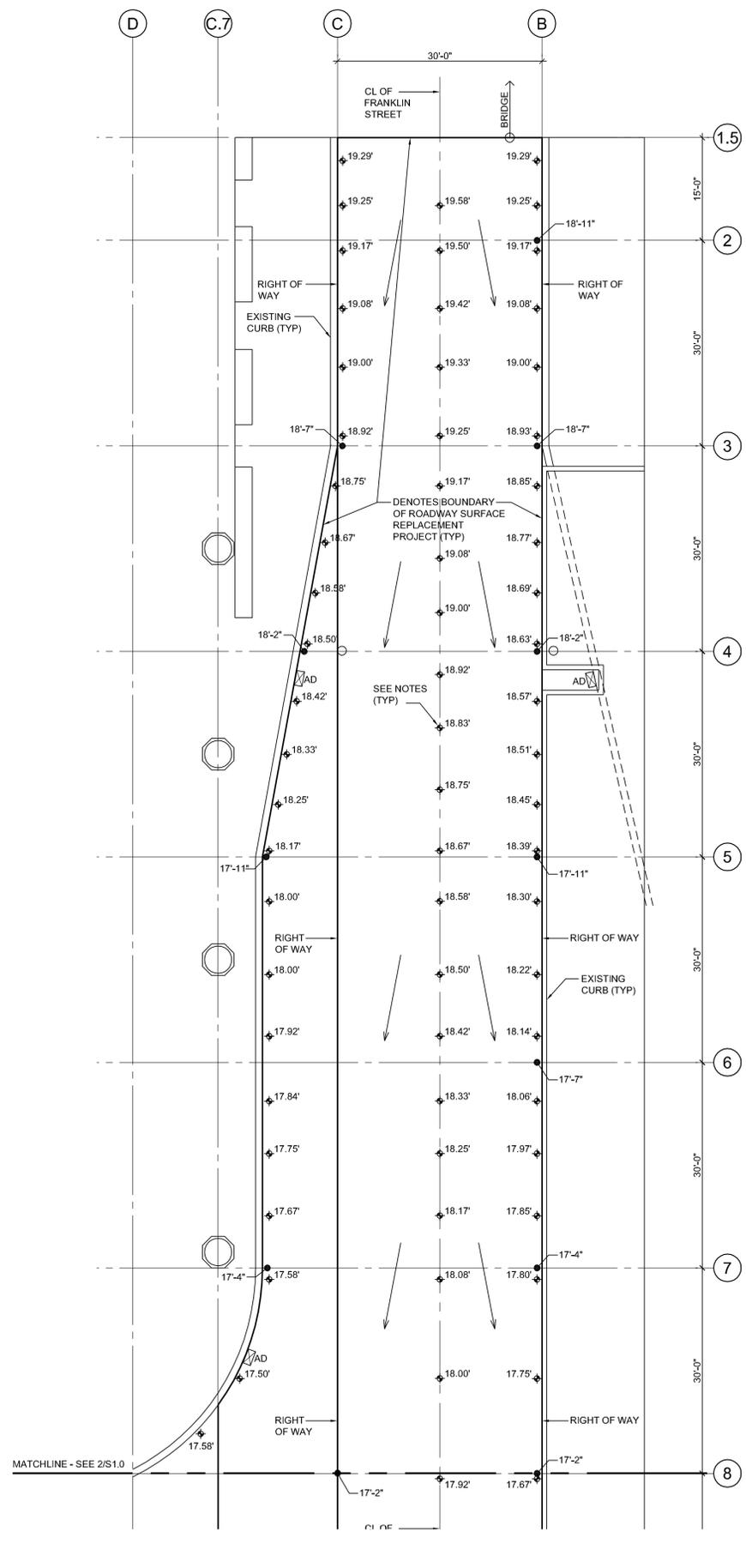
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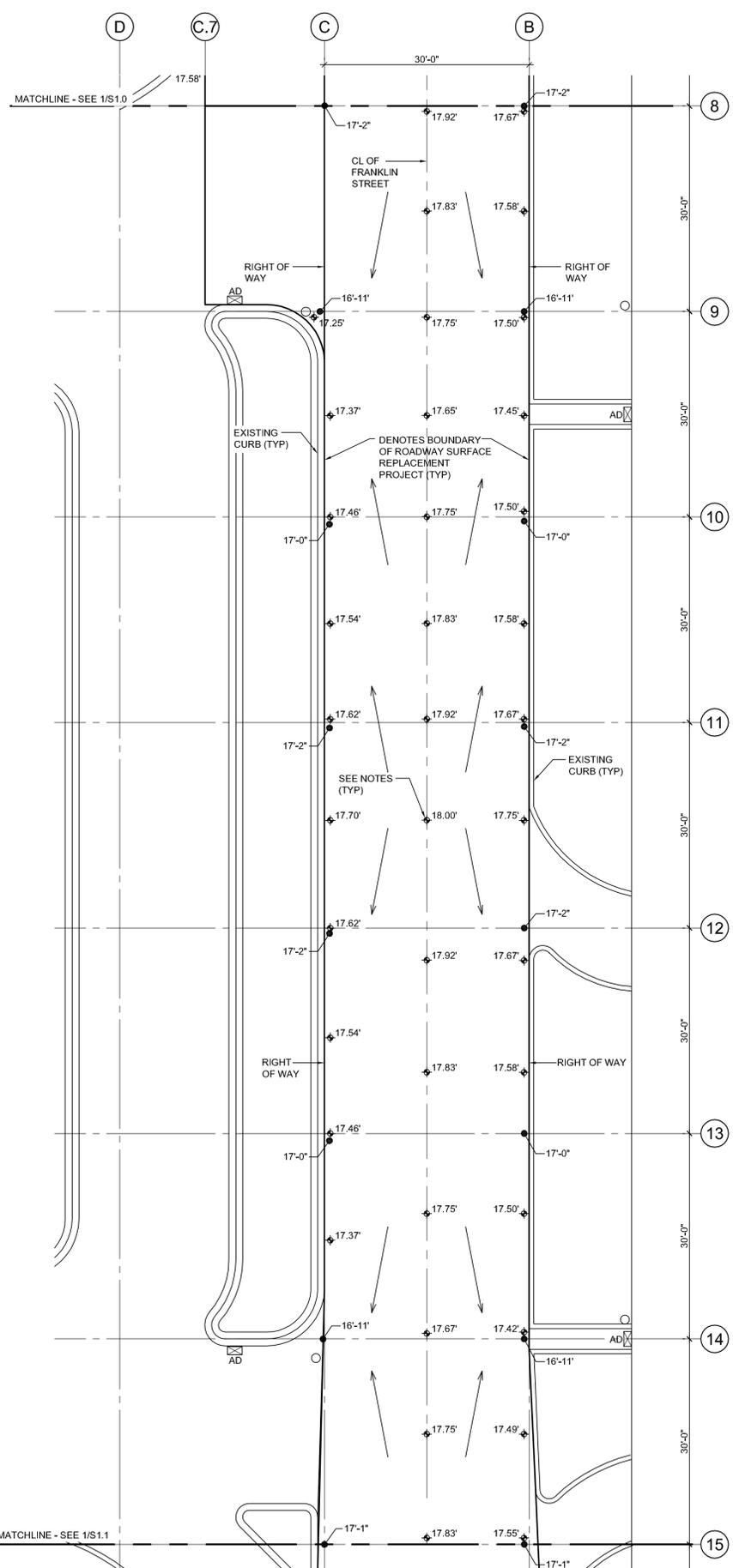
NOTE:  
 1. REFER TO DESCRIPTION SKETCH PREPARED BY HEIDT & ASSOCIATES, INC. DATED 7/27/97 FOR SPECIFIC INFORMATION ON RIGHT OF WAY.

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.  
 2. CONTRACTOR SHALL FIELD VERIFY ALL ELEVATIONS SHOWN (REFER TO SPECIFICATIONS AND TASK ITEM 1.3) PRIOR TO PERFORMING ANY DEMOLITION AND SHALL SUBMIT ELEVATIONS FOR REVIEW. ALL NEW TOPPING SLAB CONCRETE SHALL BE CONSTRUCTED TO THESE EXISTING ELEVATIONS.  
 3. ARROWS SHOWN ON PLANS INDICATE THE GENERAL DIRECTION OF SURFACE WATER RUNOFF FLOW.

LEGEND:  
 ● TOP OF ROADWAY ELEVATION.  
 ● TOP OF STRUCTURAL SLAB ELEVATION.  
 ○ EXISTING STORM DRAIN LEADER BELOW ROADWAY.



1 EXISTING ELEVATIONS - PARTIAL PLAN SECTION "A"  
 NTS



2 EXISTING ELEVATIONS - PARTIAL PLAN SECTION "B"  
 NTS

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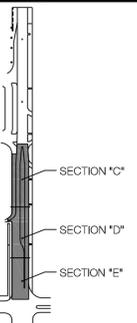
Project:

**HARBOUR ISLAND  
 ROADWAY SURFACE  
 REPLACEMENT**

Client:

**CITY OF TAMPA**

Keyplan:



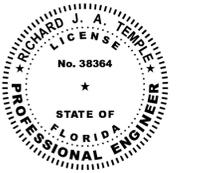
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Drawing Title:

**EXISTING ELEVATIONS  
 PARTIAL PLANS  
 SECTIONS C & D**

Filename:

Sheet No.:

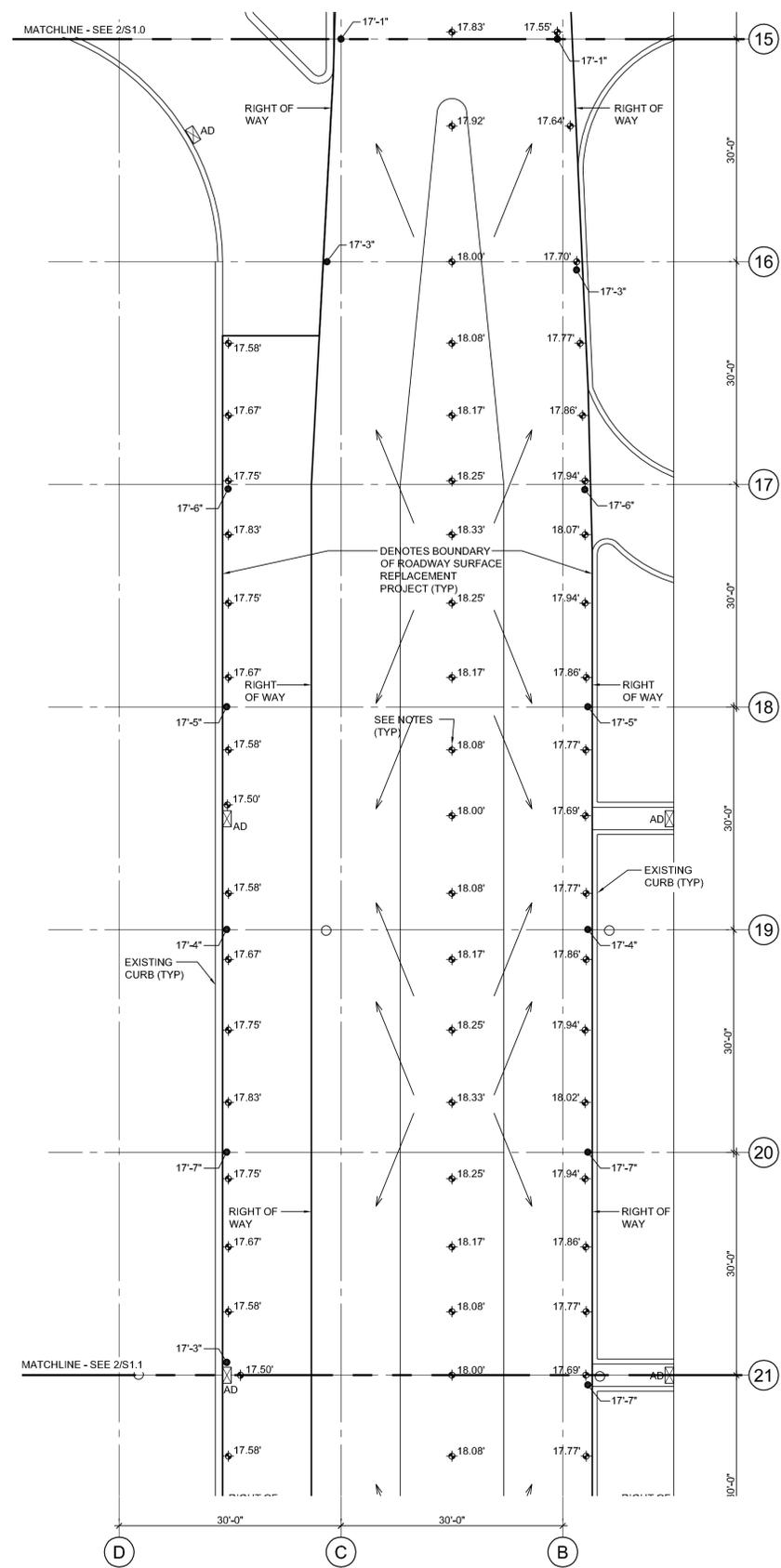
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NOTE:  
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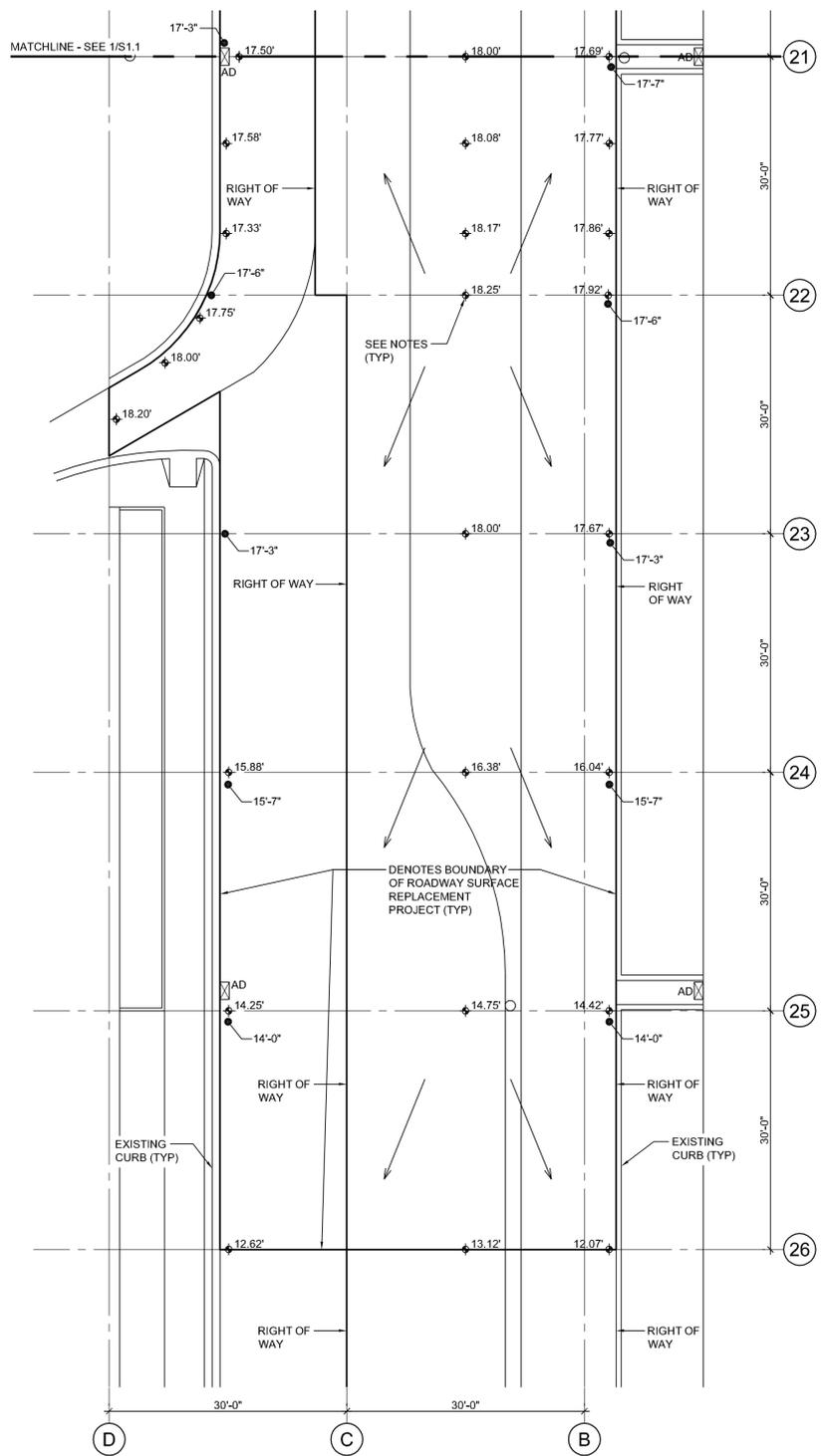
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  3. ARROWS SHOWN ON PLANS INDICATE THE GENERAL DIRECTION OF SURFACE WATER RUNOFF FLOW.

LEGEND:

- ◆ TOP OF ROADWAY ELEVATION.
- TOP OF STRUCTURAL SLAB ELEVATION.
- EXISTING STORM DRAIN LEADER BELOW ROADWAY.



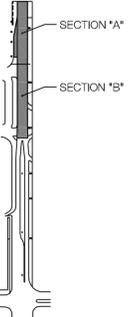
**1** EXISTING ELEVATIONS - PARTIAL PLAN SECTION "C"  
 NTS



**2** EXISTING ELEVATIONS - PARTIAL PLAN SECTION "D"  
 NTS

**HARBOUR ISLAND  
 ROADWAY SURFACE  
 REPLACEMENT**

**CITY OF TAMPA**



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Drawing Title:

**DEMOLITION  
 PARTIAL PLANS  
 SECTIONS A & B**

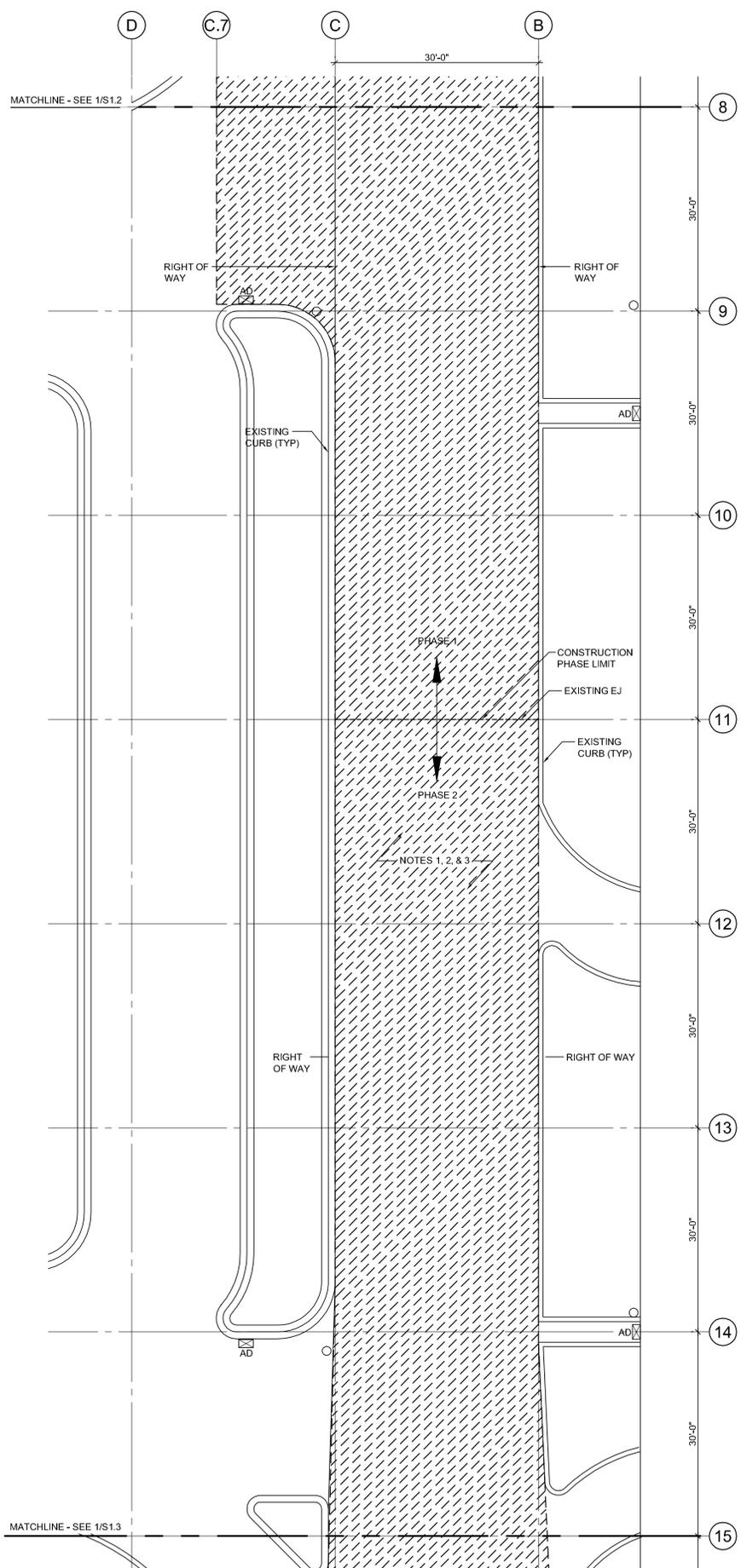
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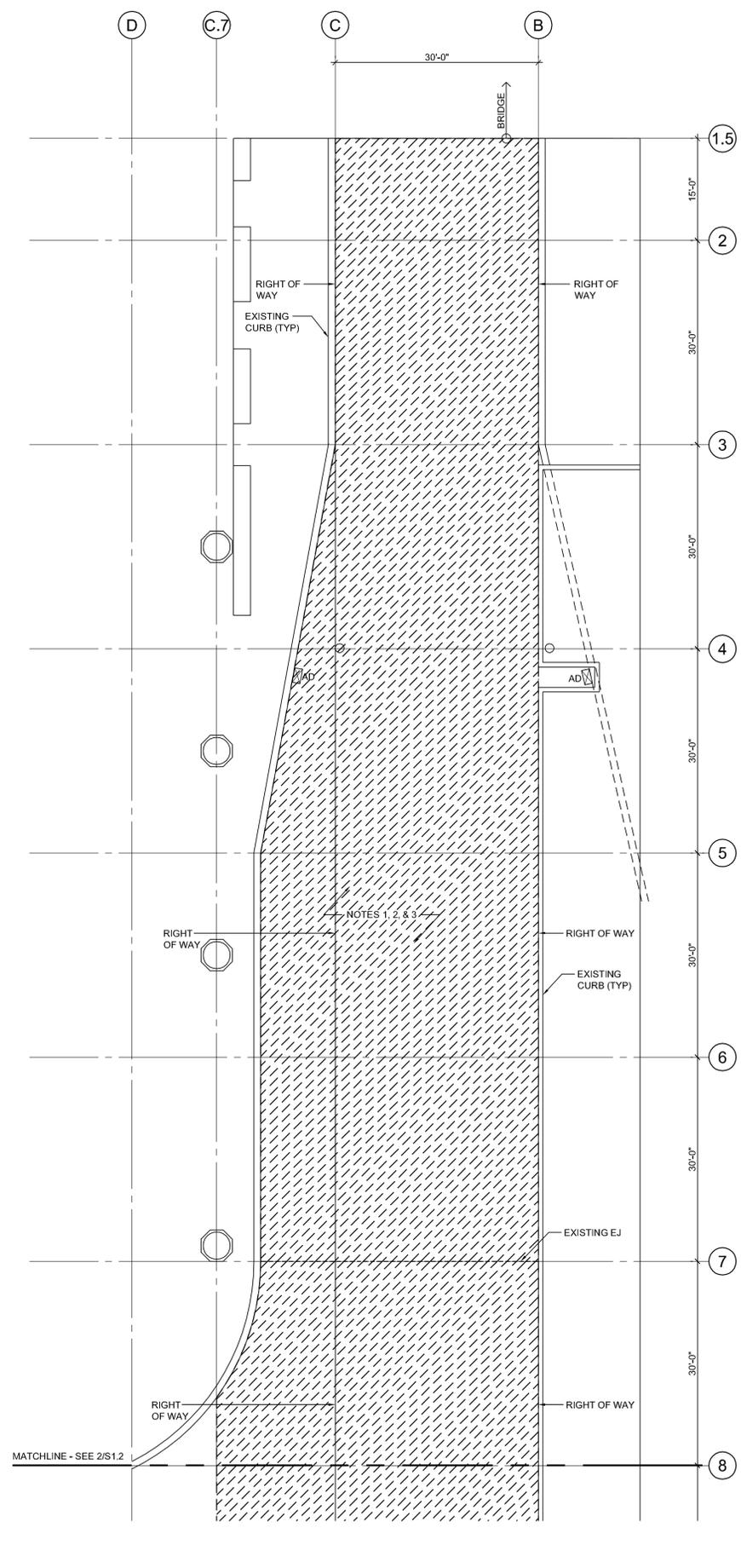
NOTE:  
 1. REFER TO DESCRIPTION SKETCH PREPARED BY HEIDT & ASSOCIATES, INC. DATED 7/27/87 FOR SPECIFIC INFORMATION ON RIGHT OF WAY.

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 SECTION II.C.

LEGEND:  
 ○ EXISTING STORM DRAIN LEADER BELOW ROADWAY.



**2 DEMOLITION - PARTIAL PLAN SECTION "B"**  
 3/32" = 1'-0"



**1 DEMOLITION - PARTIAL PLAN SECTION "A"**  
 3/32" = 1'-0"

FILE: P:\MO5\2010\10002-01\Structural\3-Documentation\Drawings\AutoCAD\Sheets\S1.2.dwg

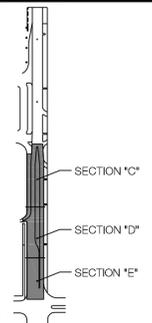
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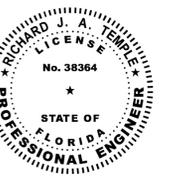
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1	29.AUG.14	100% CD

Project Number: M05.10002.01  
 Drawn By: RC  
 Approved By: WW  
 Checked By: 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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Drawing Title:

**DEMOLITION  
 PARTIAL PLANS  
 SECTIONS C & D**

Filename:

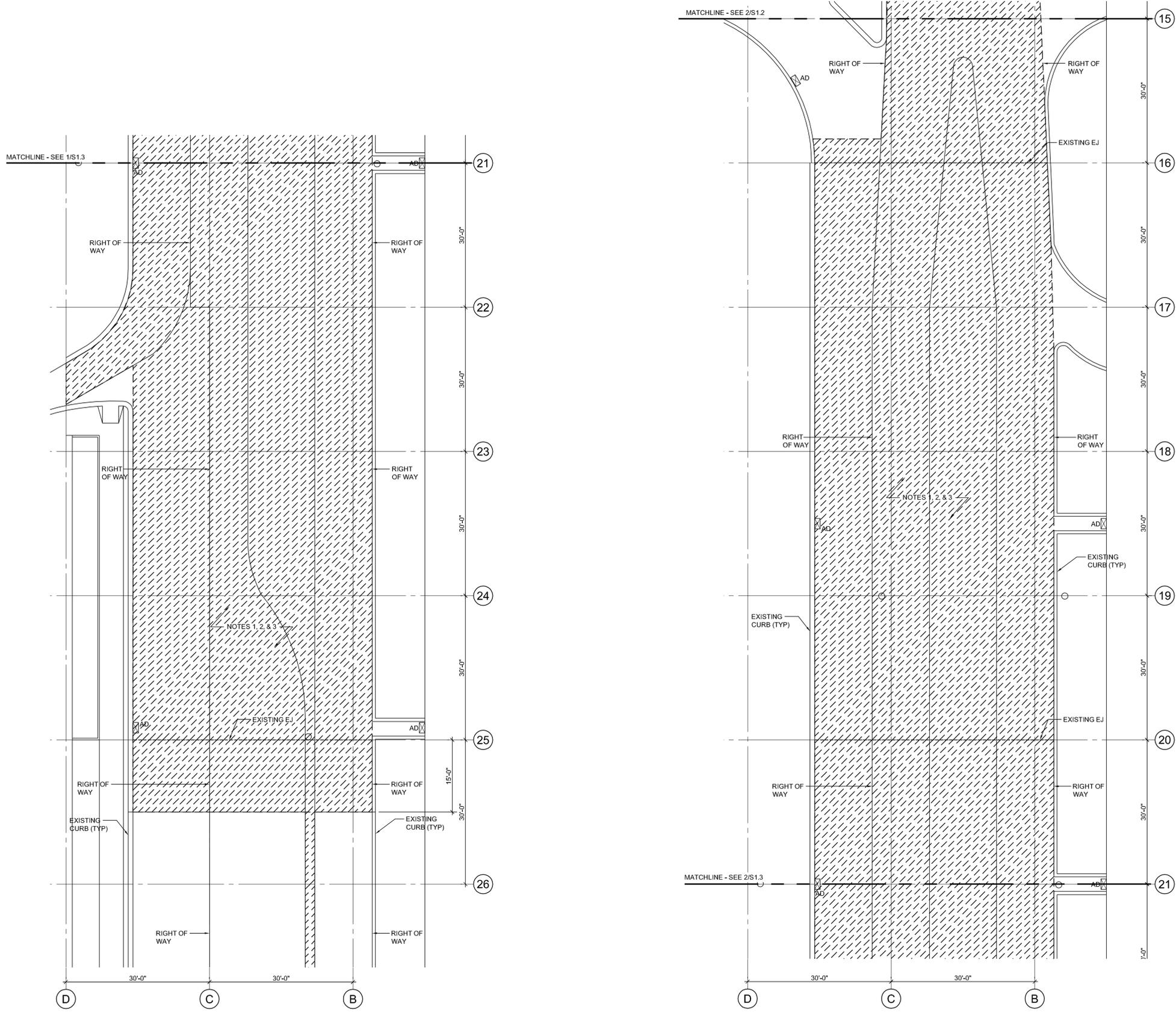
Sheet No.:

**S1.3**

NOTE:  
 1. 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 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 SECTION II.C.

LEGEND:  
 ○ EXISTING STORM DRAIN LEADER BELOW ROADWAY.



**2** DEMOLITION - PARTIAL PLAN SECTION "D"  
 NTS

**1** DEMOLITION - PARTIAL PLAN SECTION "C"  
 NTS

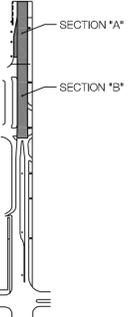
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**HARBOUR ISLAND  
 ROADWAY SURFACE  
 REPLACEMENT**

Client:

**CITY OF TAMPA**

Keyplan:



Issues/Revisions:

No.	Date	Description
29	AUG.14	100% CD

Project Number: M05.10002.01  
 Drawn By: RC  
 Approved By: WW  
 Checked By: EV

Certification Statement:  
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Seal and Signature:



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Drawing Title:

**REPLACEMENT  
 PARTIAL PLANS  
 SECTIONS A & B**

Filename:

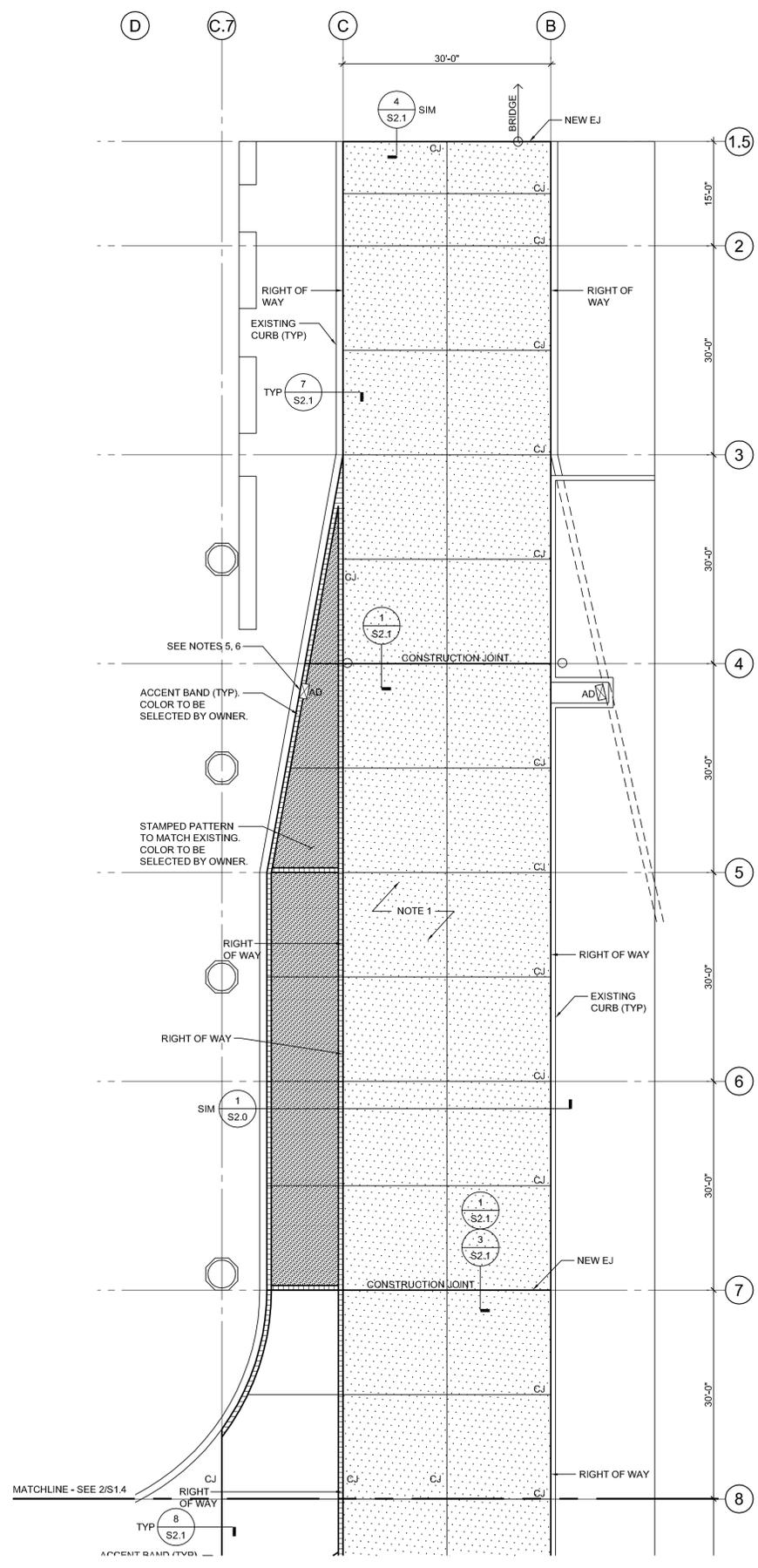
Sheet No.:

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

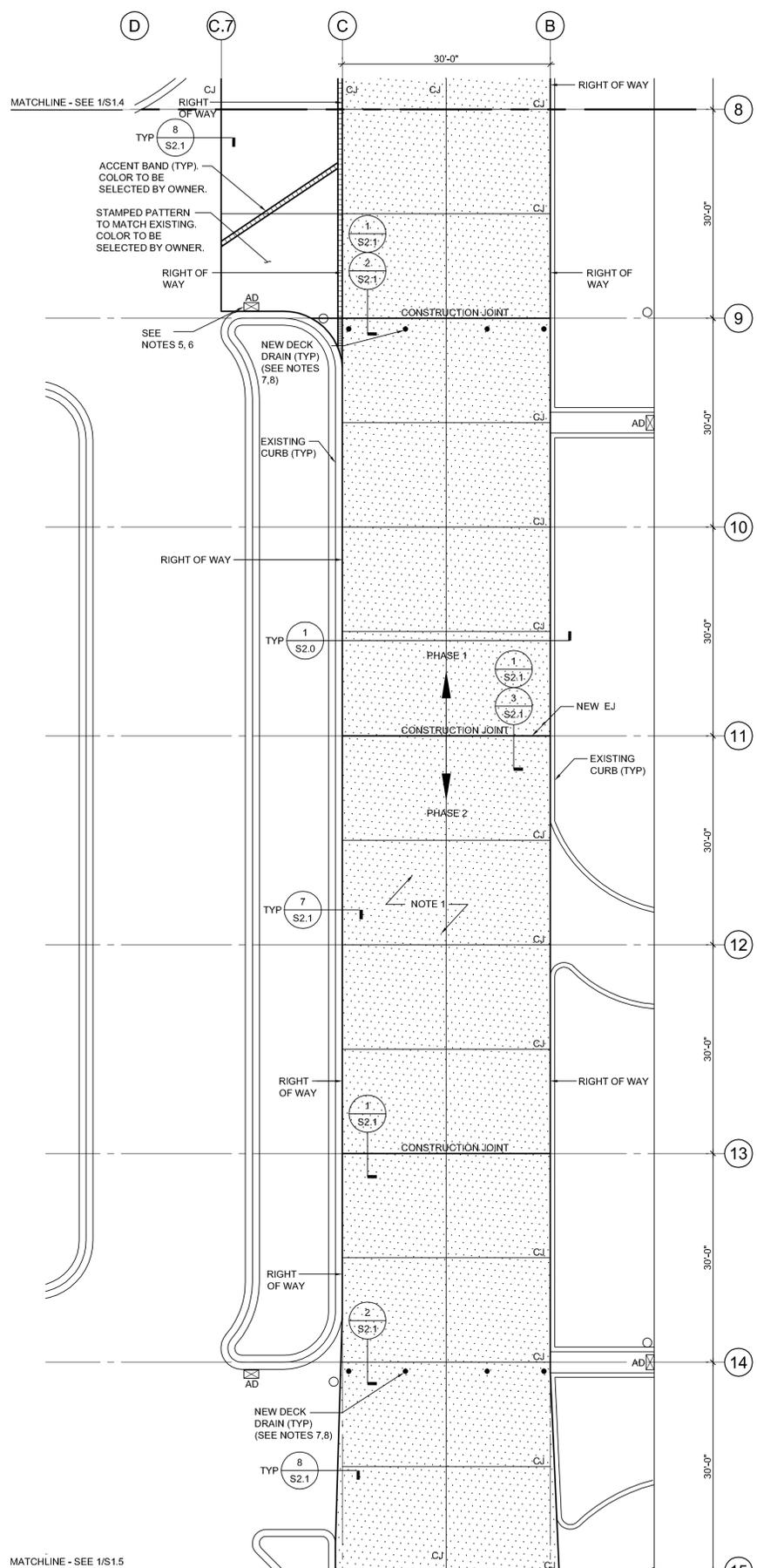
- NOTES:
- CONTRACTOR SHALL INSTALL NEW CONCRETE TOPPING SLAB, EXPANSION JOINT SYSTEMS, EPOXY POLYMER COATING WATERPROOFING MEMBRANE AND CONCRETE PENETRATING SEALER WITH SHADED/HATCHED AREAS IN ACCORDANCE WITH ALL REQUIREMENTS OF STRUCTURAL DESIGN DOCUMENTS. REFER TO TASK ITEMS 3.0, 3.0A, 4.0, 5.0, AND 6.0.
  - SEE DETAIL 1/S2.2 FOR TYPICAL CONTROL AND CONSTRUCTION JOINTS IN TOPPING SLAB.
  - SEE DETAIL 2/S2.2 FOR TYPICAL CLEAR CONCRETE COVER REQUIREMENTS.
  - CONTROL JOINT AND CONSTRUCTION JOINT LAYOUT TO BE AS SHOWN ON PLANS.
  - EXISTING AREA DRAINS IN AREA OF TOPPING SLAB REPLACEMENT SHALL REMAIN. CREATE SEALED JOINT IN SURFACE OF NEW TOPPING AT INTERFACE WITH AREA DRAINS.
  - DRILL TWO (2) ONE INCH DIAMETER HOLES IN EXISTING AREA DRAIN DOWNSPOUT AT TOP OF STRUCTURAL SLAB AND WRAP DOWNSPOUT WITH FILTER FABRIC.
  - NEW DRAINS SHALL BE ZURN Z531 DECK DRAINS OR ENGINEER-APPROVED EQUAL INSTALLED AT STRUCTURAL SLAB LEVEL WITH 3" DIAMETER DOWNSPOUT CONNECTED TO EXISTING STORMWATER DRAINAGE SYSTEM. CONTRACTOR SHALL SUBMIT DECK DRAIN SHOP DRAWINGS INDICATING LOCATIONS OF DRAINS AND SHALL SUBMIT DRAIN PRODUCT DATA.

- AESTHETIC SURFACE DESIGN REQUIREMENTS:
- SOME AREAS AS IDENTIFIED REQUIRE AN ARCHITECTURAL SURFACE PATTERN AND COLOR.
  - EXISTING SPEED BUMPS ARE NOT TO BE RE-CONSTRUCTED.
  - EXISTING PAVERS IN THE MEDIAN ARE NOT TO BE REPLACED. THESE AREAS WILL RECEIVE SPECIFIED CONCRETE TOPPING SLAB ONLY.
  - BROOM FINISH ALL CONCRETE TOPPING SLAB FINISHES. REFER TO SPECIFICATIONS.
  - CONTRACTOR SHALL PREPARE 2 FT BY 2 FT MOCKUP SAMPLE FOR EACH TYPE OF STAMPED AND/OR COLORED CONCRETE FOR CITY, HCSA AND ENGINEER APPROVAL PRIOR TO COMMENCING WITH PLACEMENT OF NEW TOPPING SLAB.

LEGEND:  
 ○ EXISTING STORM DRAIN LEADER BELOW ROADWAY.



**1** REPLACEMENT - PARTIAL PLAN SECTION "A"  
 NTS



**2** REPLACEMENT - PARTIAL PLAN SECTION "B"  
 NTS

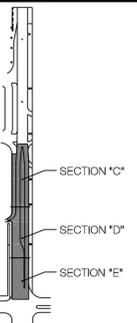
Project:

**HARBOUR ISLAND  
 ROADWAY SURFACE  
 REPLACEMENT**

Client:

**CITY OF TAMPA**

Keyplan:



Issues/Revisions:

No.	Date	Description
29	AUG.14	100% CD

Project Number: M05.10002.01  
 Drawn By: RC  
 Approved By: WW  
 Checked By: EV

Certification Statement:  
 TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE  
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Seal and Signature:



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Drawing Title:

**REPLACEMENT  
 PARTIAL PLANS  
 SECTIONS C & D**

Filename:

Sheet No.:

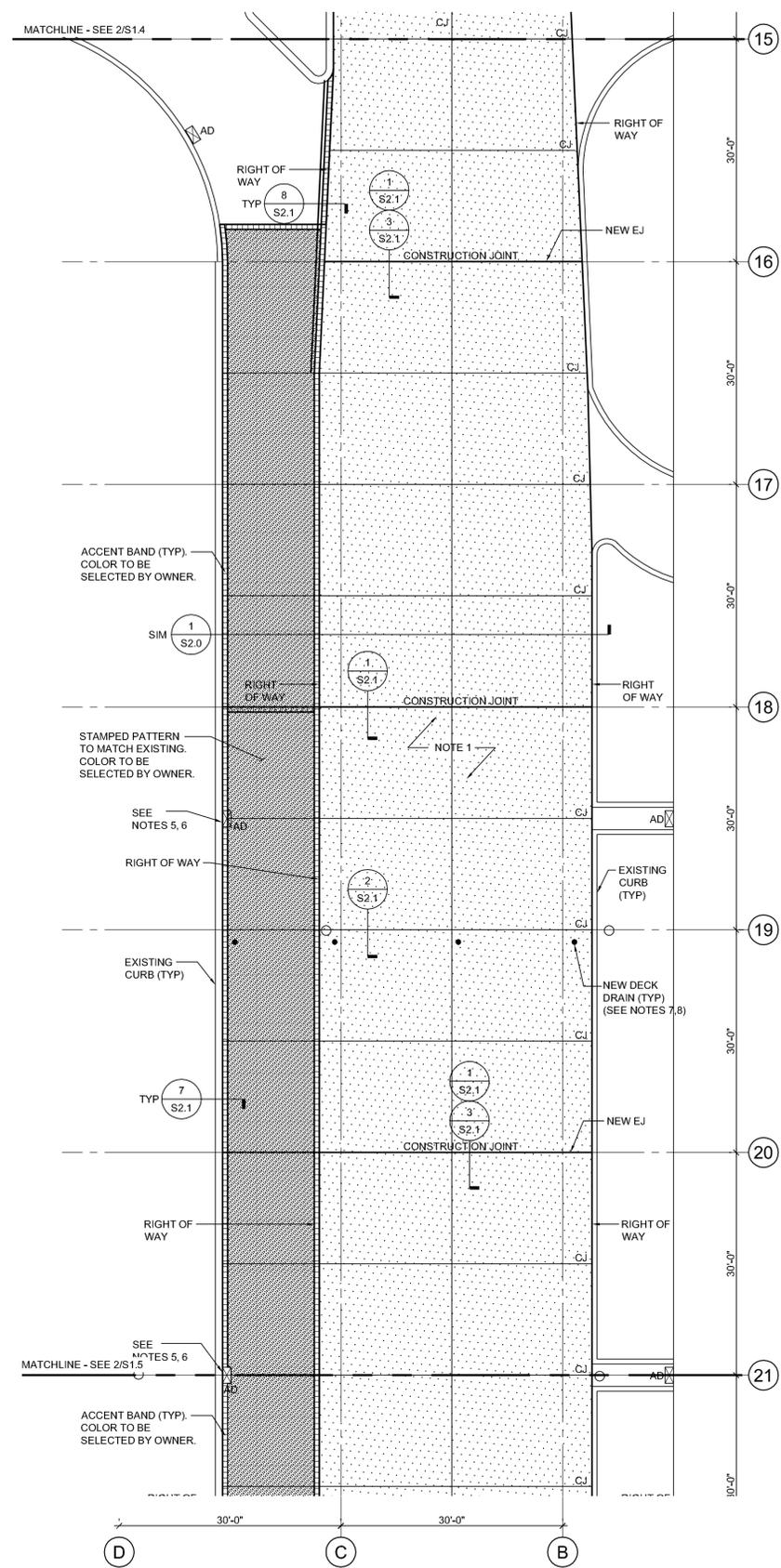
**S1.5**

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

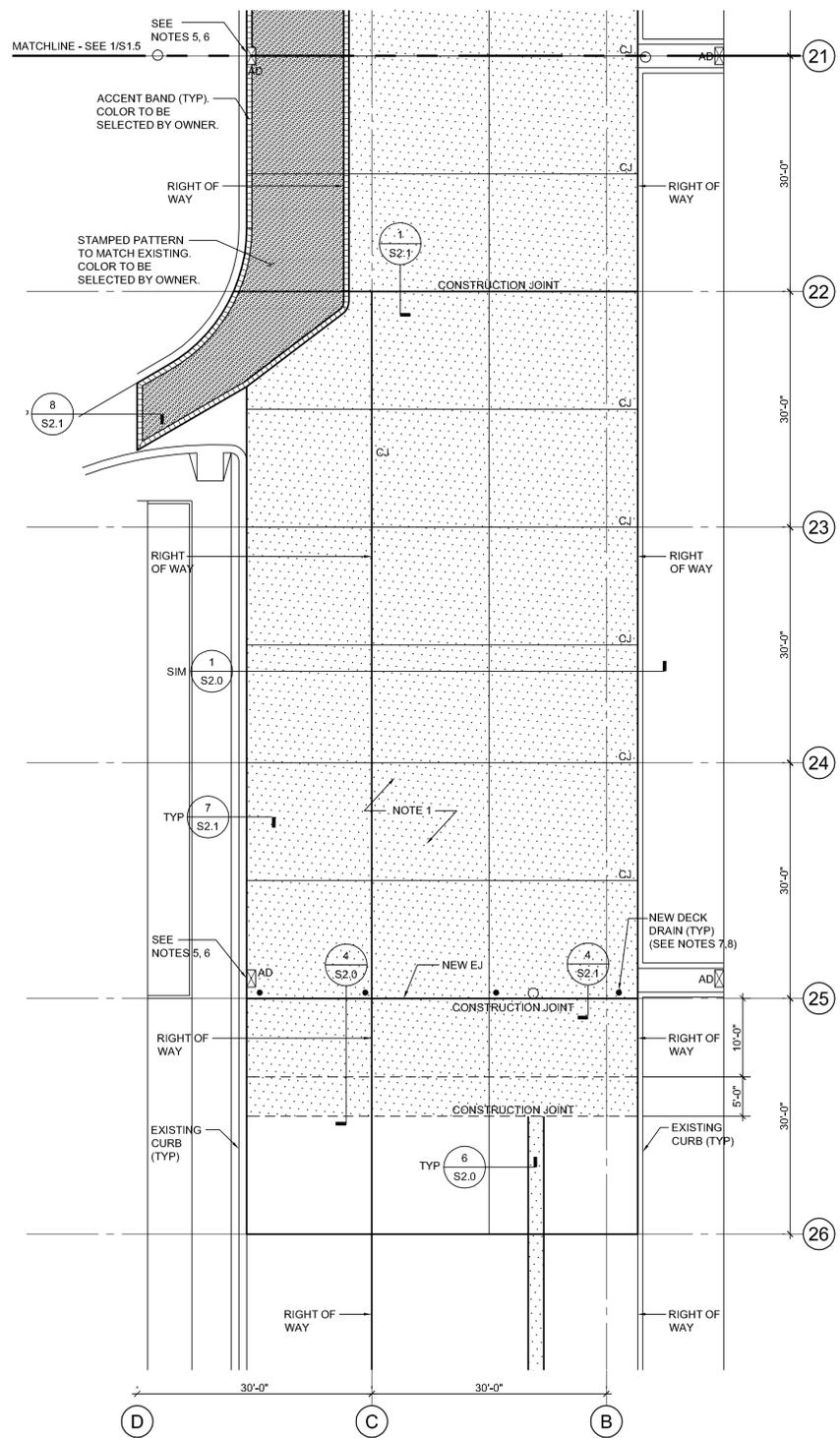
- NOTES:
- CONTRACTOR SHALL INSTALL NEW CONCRETE TOPPING SLAB, EXPANSION JOINT SYSTEMS, EPOXY POLYMER COATING WATERPROOFING MEMBRANE AND CONCRETE PENETRATING SEALER WITHIN SHADED/HATCHED AREAS IN ACCORDANCE WITH ALL REQUIREMENTS OF STRUCTURAL DESIGN DOCUMENTS. REFER TO TASK ITEMS 3.0, 3.0A, 4.0, 5.0, AND 6.0.
  - SEE DETAIL 1/S2.2 FOR TYPICAL CONTROL AND CONSTRUCTION JOINTS IN TOPPING SLAB.
  - SEE DETAIL 2/S2.2 FOR TYPICAL CLEAR CONCRETE COVER REQUIREMENTS.
  - CONTROL JOINT AND CONSTRUCTION JOINT LAYOUT TO BE AS SHOWN ON PLANS.
  - EXISTING AREA DRAINS IN AREA OF TOPPING SLAB REPLACEMENT SHALL REMAIN. CREATE SEALED JOINT IN SURFACE OF NEW TOPPING AT INTERFACE WITH AREA DRAINS.
  - DRILL TWO (2) ONE INCH DIAMETER HOLES IN EXISTING AREA DRAIN DOWNSPOUT AT TOP OF STRUCTURAL SLAB AND WRAP DOWNSPOUT WITH FILTER FABRIC.
  - NEW DRAINS SHALL BE ZURN Z531 DECK DRAINS OR ENGINEER-APPROVED EQUAL INSTALLED AT STRUCTURAL SLAB LEVEL WITH 3" DIAMETER DOWNSPOUT CONNECTED TO EXISTING STORMWATER DRAINAGE SYSTEM. CONTRACTOR SHALL SUBMIT DECK DRAIN SHOP DRAWINGS INDICATING LOCATIONS OF DRAINS AND SHALL SUBMIT DRAIN PRODUCT DATA.

- AESTHETIC SURFACE DESIGN REQUIREMENTS:
- SOME AREAS AS IDENTIFIED REQUIRE AN ARCHITECTURAL SURFACE PATTERN AND COLOR.
  - EXISTING SPEED BUMPS ARE NOT TO BE RE-CONSTRUCTED.
  - EXISTING PAVERS IN THE MEDIAN ARE NOT TO BE REPLACED. THESE AREAS WILL RECEIVE SPECIFIED CONCRETE TOPPING SLAB ONLY. BROOM FINISH ALL CONCRETE TOPPING SLAB FINISHES. REFER TO SPECIFICATIONS.
  - CONTRACTOR SHALL PREPARE 2 FT BY 2 FT MOCKUP SAMPLE FOR EACH TYPE OF STAMPED AND/OR COLORED CONCRETE FOR CITY, HCSA AND ENGINEER APPROVAL PRIOR TO COMMENCING WITH PLACEMENT OF NEW TOPPING SLAB.

LEGEND:  
 ○ EXISTING STORM DRAIN LEADER BELOW ROADWAY.



**1** REPLACEMENT - PARTIAL PLAN SECTION "C"  
 NTS



**2** REPLACEMENT - PARTIAL PLAN SECTION "D"  
 NTS

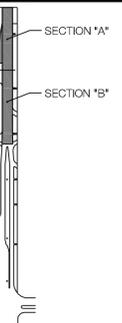
Project:

**HARBOUR ISLAND  
 ROADWAY SURFACE  
 REPLACEMENT**

Client:

**CITY OF TAMPA**

Keyplan:



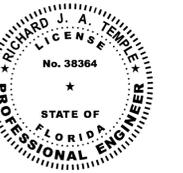
Issues/Revisions:

No.	Date	Description
1	29.AUG.14	100% CD

Project Number: M05-10002-01  
 Approved By: WW  
 Drawn By: RC  
 Checked By: EV

Certification Statement:  
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Seal and Signature:



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Drawing Title:

**STRIPING  
 PARTIAL PLANS  
 SECTIONS A & B**

Filename:

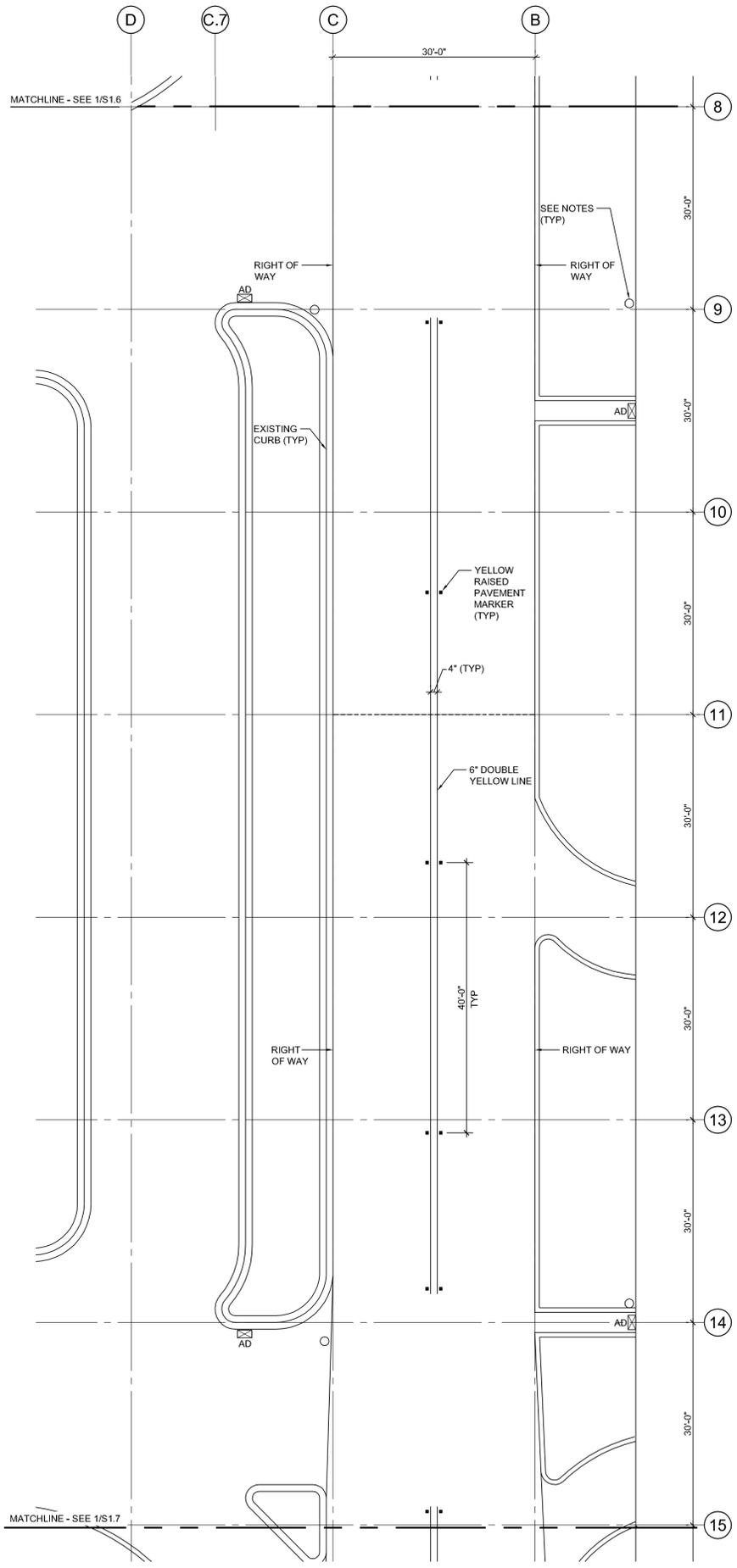
Sheet No.:

**S1.6**

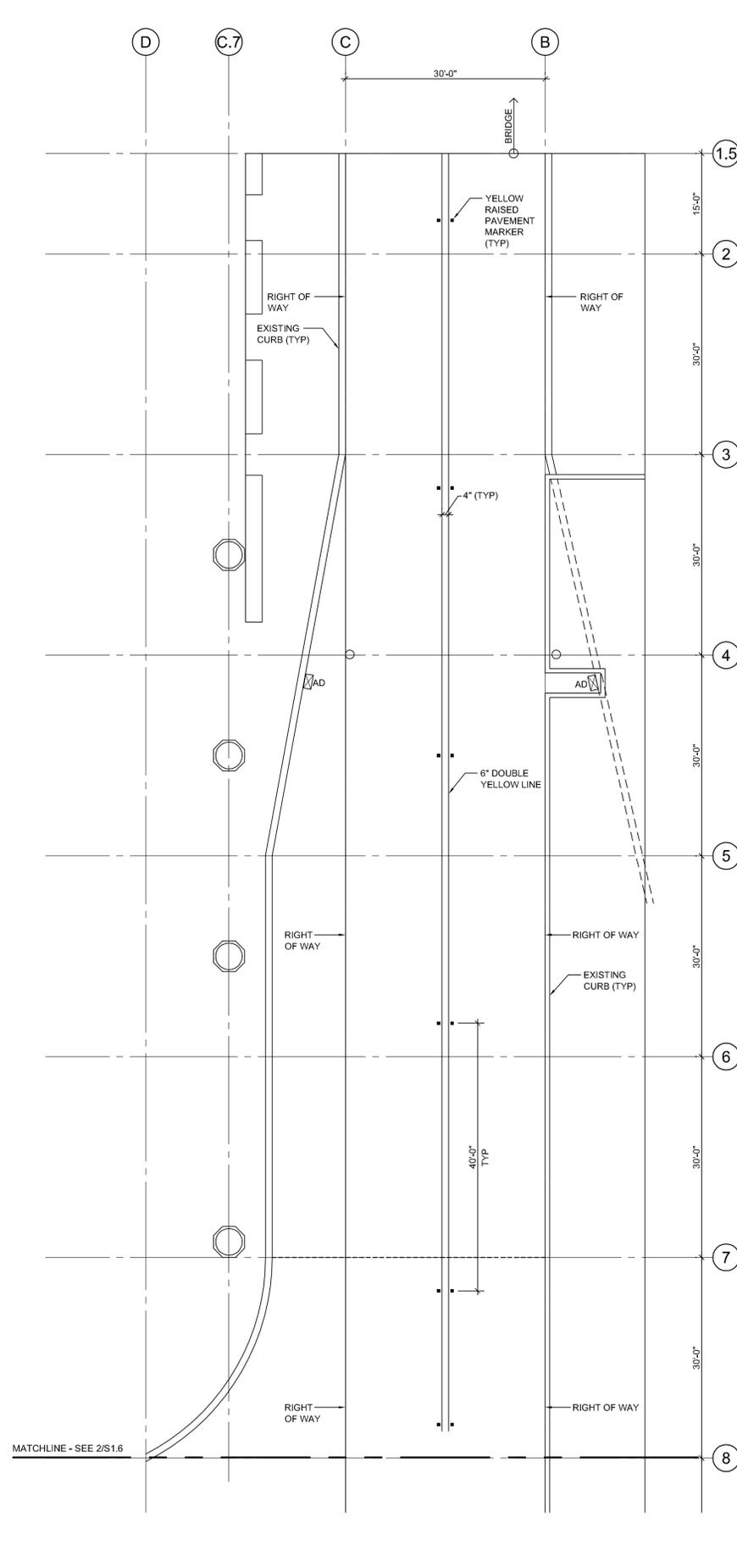
NOTE:  
 1. REFER TO DESCRIPTION SKETCH PREPARED BY HEIDT & ASSOCIATES, INC. DATED 7/27/97 FOR SPECIFIC INFORMATION ON RIGHT OF WAY.

- 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.  
 2. 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.

LEGEND:  
 ○ EXISTING STORM DRAIN LEADER BELOW ROADWAY.



**2 STRIPING - PARTIAL PLAN SECTION "B"**  
 NTS



**1 STRIPING - PARTIAL PLAN SECTION "A"**  
 NTS

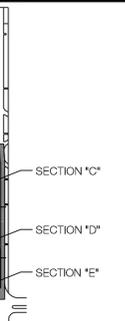
Project:

**HARBOUR ISLAND  
 ROADWAY SURFACE  
 REPLACEMENT**

Client:

**CITY OF TAMPA**

Keyplan:



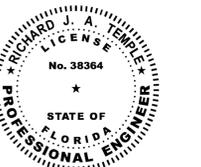
Issues/Revisions:

No.	Date	Description
29	AUG.14	100% CD

Project Number: M05-10002-01  
 Drawn By: RC  
 Approved By: WW  
 Checked By: EV

Certification Statement:  
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Seal and Signature:



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Drawing Title:

**STRIPING  
 PARTIAL PLANS  
 SECTIONS C & D**

Filename:

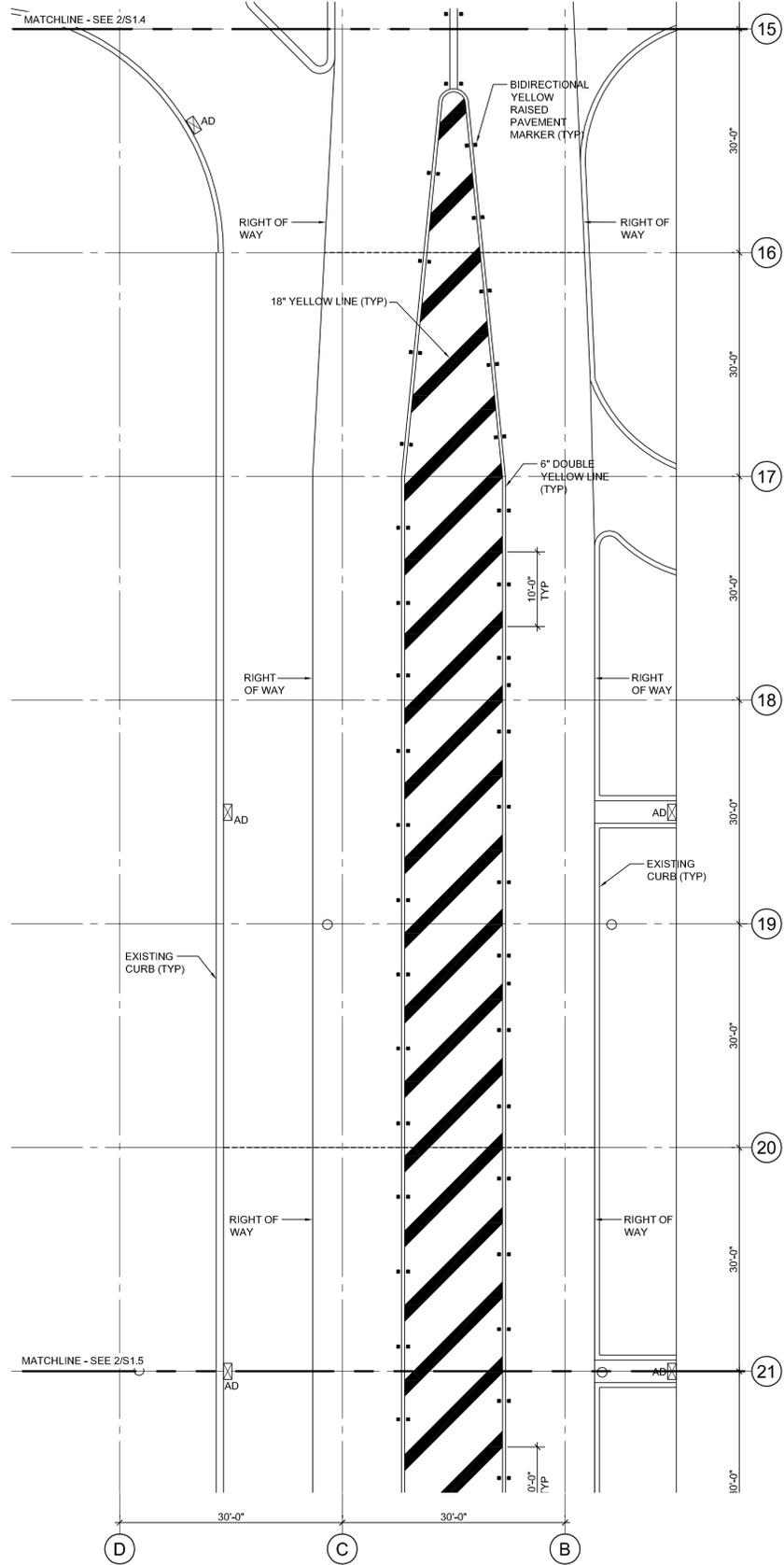
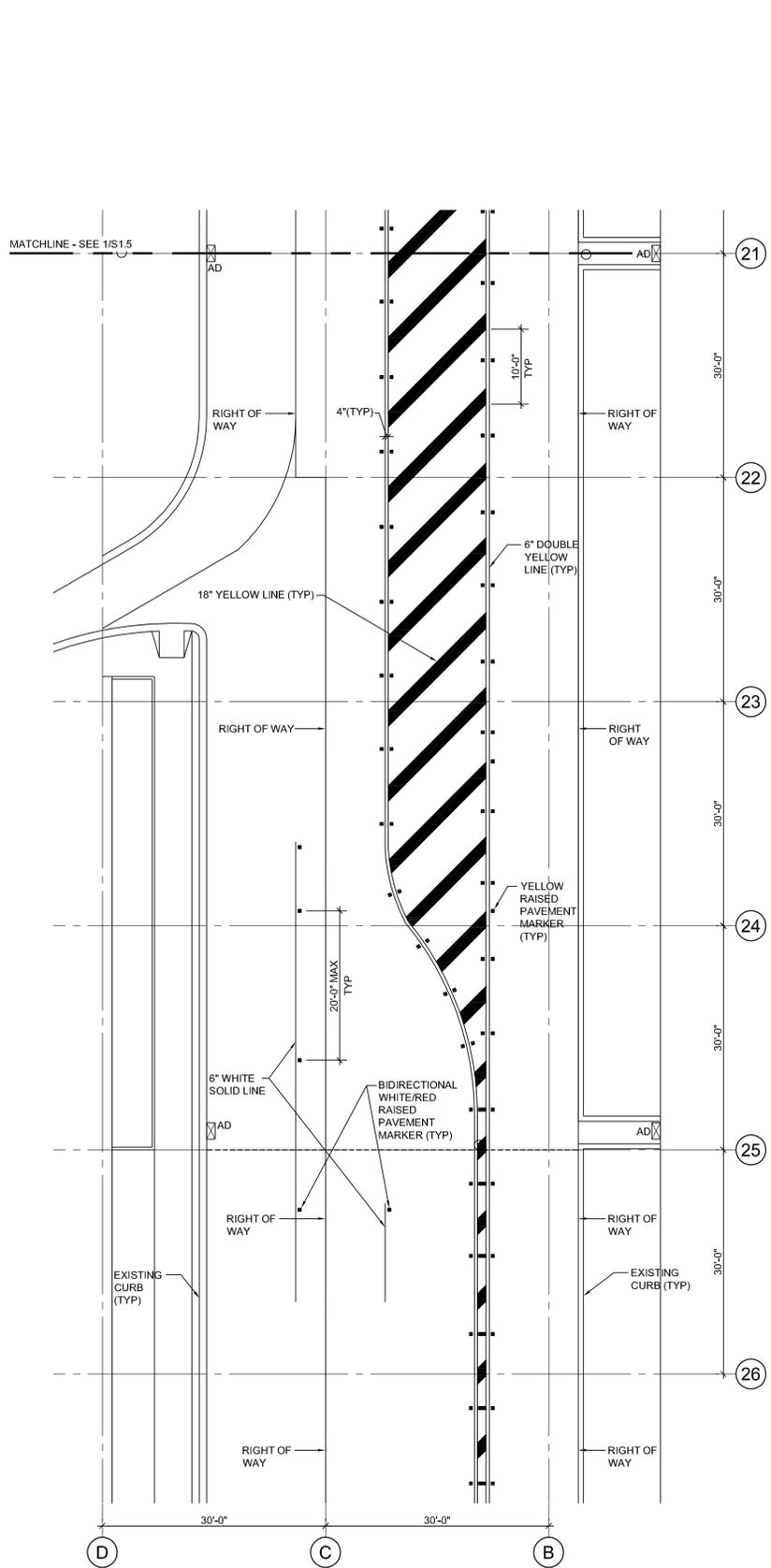
Sheet No.:

**S1.7**

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

- NOTES:
- 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.
  - STRIPING PLAN IS SCHEMATIC. CONTRACTOR SHALL SUBMIT DETAILED STRIPING PLAN CONFORMING TO FDOT STANDARDS 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.

LEGEND:  
 ○ EXISTING STORM DRAIN LEADER BELOW ROADWAY.



**2 STRIPING - PARTIAL PLAN SECTION "D"**  
 3/32" = 1'-0"

**1 STRIPING - PARTIAL PLAN SECTION "C"**  
 3/32" = 1'-0"

FILE: P:\MO5\2010\10002-01\Structural\3-Documentation\Drawings\AutoCAD\Sheets\S17.dwg

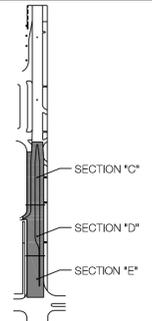
Project:

HARBOUR ISLAND  
 ROADWAY SURFACE  
 REPLACEMENT

Client:

CITY OF TAMPA

Keyplan:



Issues/Revisions:

No.	Date	Description
29	AUG.14	100% CD

Project Number: M05.10002.01  
 Drawn By: RC  
 Approved By: WW  
 Checked By: EV

Certification Statement:  
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Seal and Signature:



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Drawing Title:

EXISTING ELEVATIONS  
 PARTIAL PLANS  
 SECTION E

Filename:

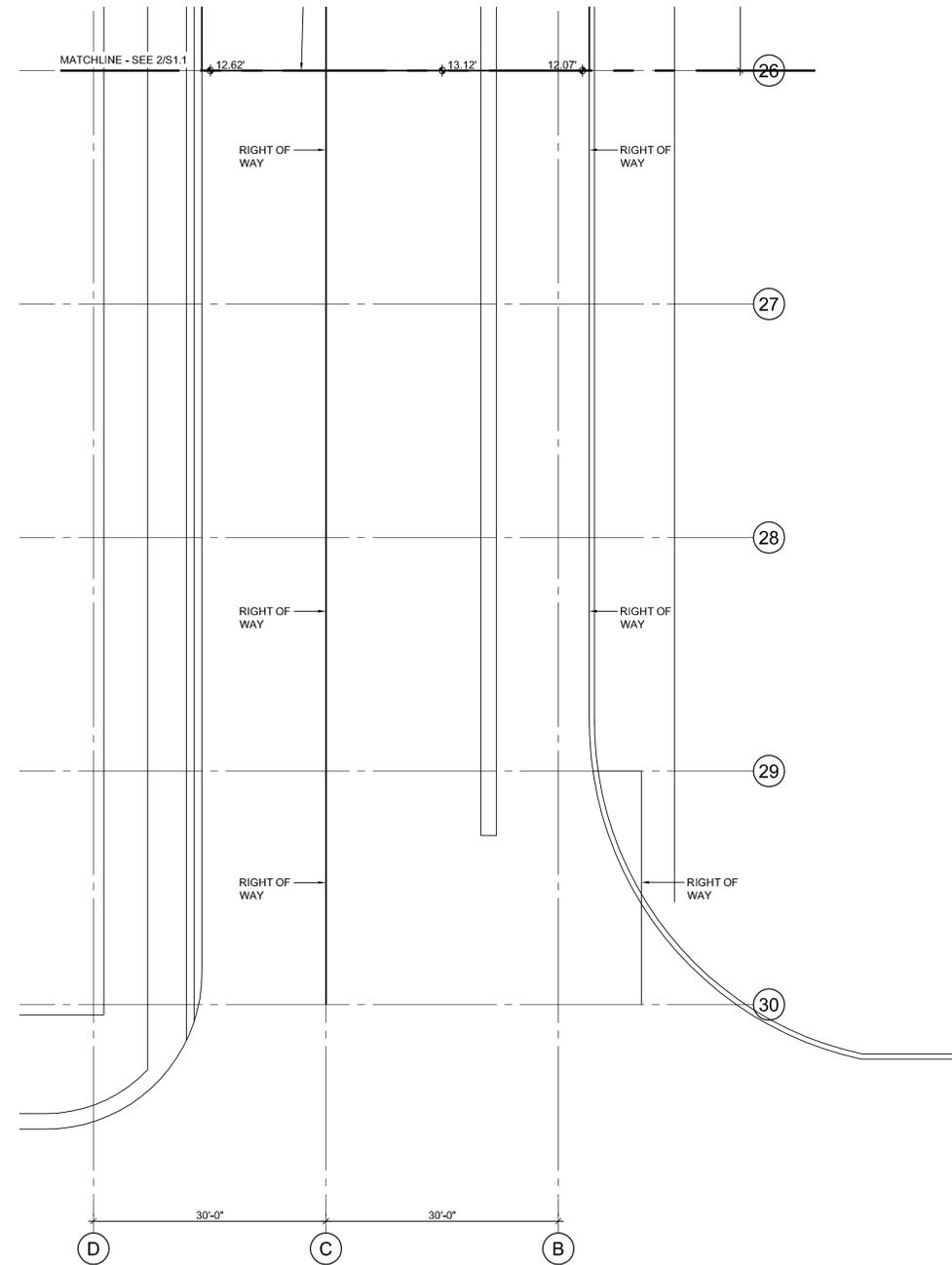
Sheet No.:

S1.11

NOTE:  
 1. 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.
  2. CONTRACTOR SHALL FIELD VERIFY ALL ELEVATIONS SHOWN (REFER TO SPECIFICATIONS AND TASK ITEM 1.3) PRIOR TO PERFORMING ANY DEMOLITION AND SHALL SUBMIT ELEVATIONS FOR REVIEW. ALL NEW TOPPING SLAB CONCRETE SHALL BE CONSTRUCTED TO THESE EXISTING ELEVATIONS.
  3. ARROWS SHOWN ON PLANS INDICATE THE GENERAL DIRECTION OF SURFACE WATER RUNOFF FLOW.

LEGEND:  
 TOP OF ROADWAY ELEVATION.  
 TOP OF STRUCTURAL SLAB ELEVATION.



N  
  
 1 EXISTING ELEVATIONS - PARTIAL PLAN SECTION "E"  
 NTS

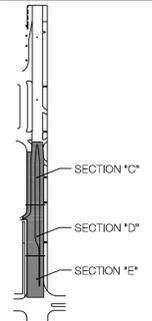
Project :

HARBOUR ISLAND  
 ROADWAY SURFACE  
 REPLACEMENT

Client:

CITY OF TAMPA

Keyplan:



Issues/Revisions :

No.	Date	Description
29	AUG.14	100% CD

Project Number : M05.10002.01  
 Drawn By : RC  
 Approved By : WW  
 Checked By : EV

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Drawing Title:

DEMOLITION  
 PARTIAL PLANS  
 SECTION E

Filename :

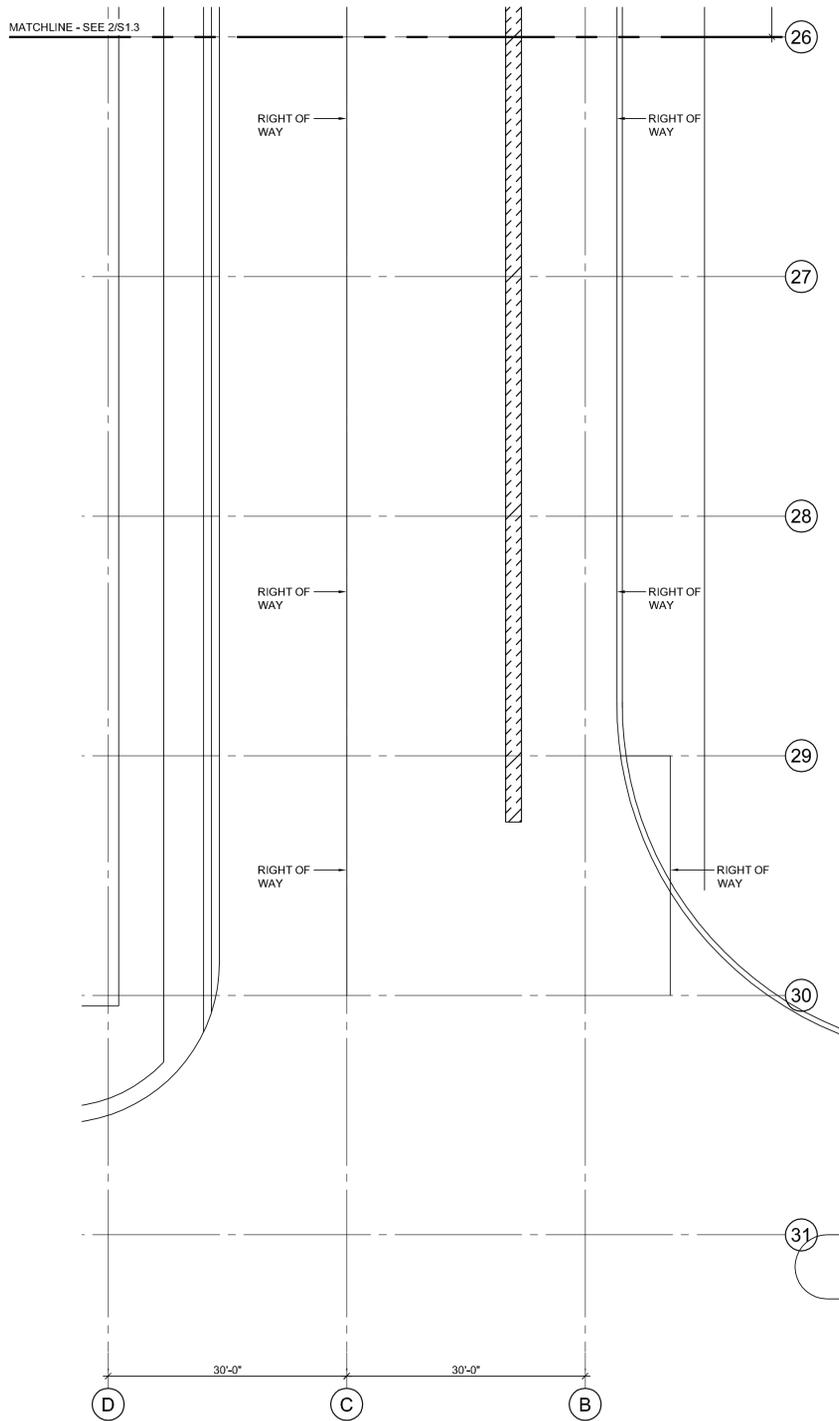
Sheet No. :

S1.31

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

- NOTES:
- 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.
  - RECORD DRAWINGS BY HILLER GROUP INDICATE TOPPING SLAB IS 3" THICK MINIMUM AND 9" THICK MAXIMUM. CONTRACTOR SHALL FIELD VERIFY.
  - CONTRACTOR SHALL TAKE SPECIAL CARE TO NOT DAMAGE STRUCTURAL CONCRETE SLAB DURING DEMOLITION. SEE GENERAL NOTES SECTION II.C.

LEGEND:  
 ○ EXISTING STORM DRAIN LEADER BELOW ROADWAY.



1 DEMOLITION - PARTIAL PLAN SECTION "E"  
 NTS

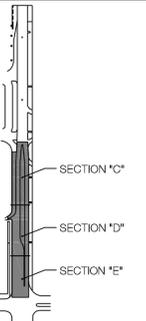
Project :

HARBOUR ISLAND  
 ROADWAY SURFACE  
 REPLACEMENT

Client :

CITY OF TAMPA

Keyplan :



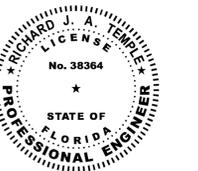
Issues/Revisions :

No.	Date	Description
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Drawing Title:

REPLACEMENT  
 PARTIAL PLANS  
 SECTION E

Filename :

Sheet No. :

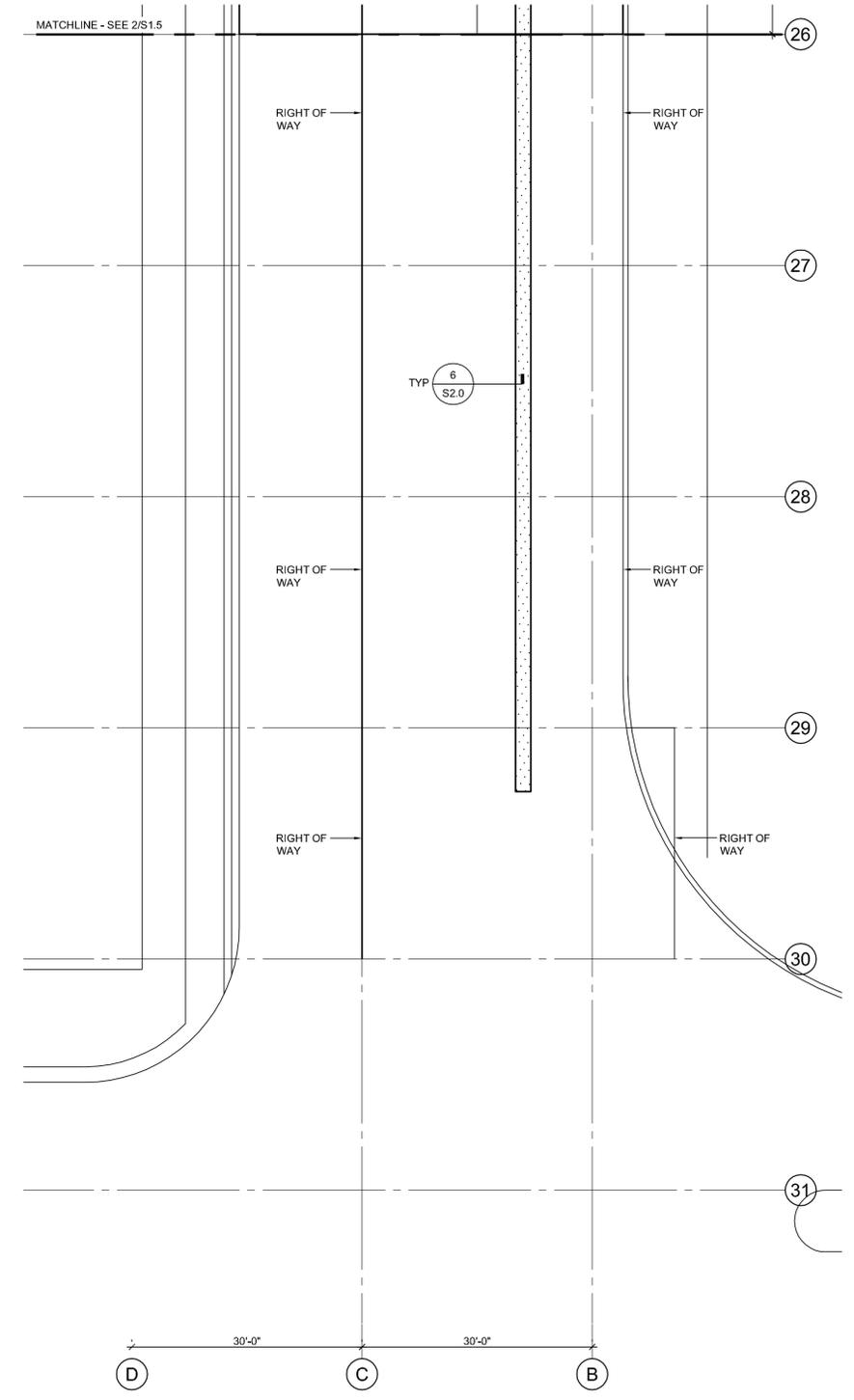
S1.51

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

- NOTES:
- CONTRACTOR SHALL INSTALL NEW CONCRETE TOPPING SLAB, EXPANSION JOINT SYSTEMS, EPOXY POLYMER COATING WATERPROOFING MEMBRANE AND CONCRETE PENETRATING SEALER WITHIN SHADED/HATCHED AREAS IN ACCORDANCE WITH ALL REQUIREMENTS OF STRUCTURAL DESIGN DOCUMENTS. REFER TO TASK ITEMS 3.0, 3.0A, 4.0, 5.0, AND 6.0.
  - SEE DETAIL 1/S2.2 FOR TYPICAL CONTROL AND CONSTRUCTION JOINTS IN TOPPING SLAB.
  - SEE DETAIL 2/S2.2 FOR TYPICAL CLEAR CONCRETE COVER REQUIREMENTS.
  - CONTROL JOINT AND CONSTRUCTION JOINT LAYOUT TO BE AS SHOWN ON PLANS.
  - EXISTING AREA DRAINS IN AREA OF TOPPING SLAB REPLACEMENT SHALL REMAIN. CREATE SEALED JOINT IN SURFACE OF NEW TOPPING AT INTERFACE WITH AREA DRAINS.
  - DRILL TWO (2) ONE INCH DIAMETER HOLES IN EXISTING AREA DRAIN DOWNSPOUT AT TOP OF STRUCTURAL SLAB AND WRAP DOWNSPOUT WITH FILTER FABRIC.
  - NEW DRAINS SHALL BE ZURN Z531 DECK DRAINS OR ENGINEER-APPROVED EQUAL INSTALLED AT STRUCTURAL SLAB LEVEL WITH 3" DIAMETER DOWNSPOUT CONNECTED TO EXISTING STORMWATER DRAINAGE SYSTEM.
  - CONTRACTOR SHALL SUBMIT DECK DRAIN SHOP DRAWINGS INDICATING LOCATIONS OF DRAINS AND SHALL SUBMIT DRAIN PRODUCT DATA.

- AESTHETIC SURFACE DESIGN REQUIREMENTS:
- SOME AREAS AS IDENTIFIED REQUIRE AN ARCHITECTURAL SURFACE PATTERN AND COLOR.
  - EXISTING SPEED BUMPS ARE NOT TO BE RE-CONSTRUCTED.
  - EXISTING PAVERS IN THE MEDIAN ARE NOT TO BE REPLACED. THESE AREAS WILL RECEIVE SPECIFIED CONCRETE TOPPING SLAB ONLY.
  - BROOM FINISH ALL CONCRETE TOPPING SLAB FINISHES. REFER TO SPECIFICATIONS.
  - CONTRACTOR SHALL PREPARE 2 FT BY 2 FT MOCKUP SAMPLE FOR EACH TYPE OF STAMPED AND/OR COLORED CONCRETE FOR CITY, HCSA AND ENGINEER APPROVAL PRIOR TO COMMENCING WITH PLACEMENT OF NEW TOPPING SLAB.

LEGEND:  
 ○ EXISTING STORM DRAIN LEADER BELOW ROADWAY.



N  
 1 REPLACEMENT - PARTIAL PLAN SECTION "E"  
 NTS

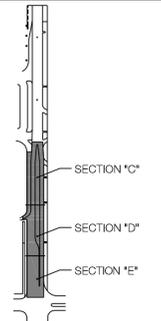
Project :

HARBOUR ISLAND  
 ROADWAY SURFACE  
 REPLACEMENT

Client:

CITY OF TAMPA

Keyplan:



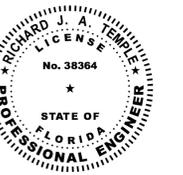
Issues/Revisions :

No.	Date	Description
29	AUG.14	100% CD

Project Number : M05.10002.01  
 Drawn By : RC  
 Approved By : WW  
 Checked By : 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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Drawing Title:

STRIPING  
 PARTIAL PLANS  
 SECTION E

Filename :

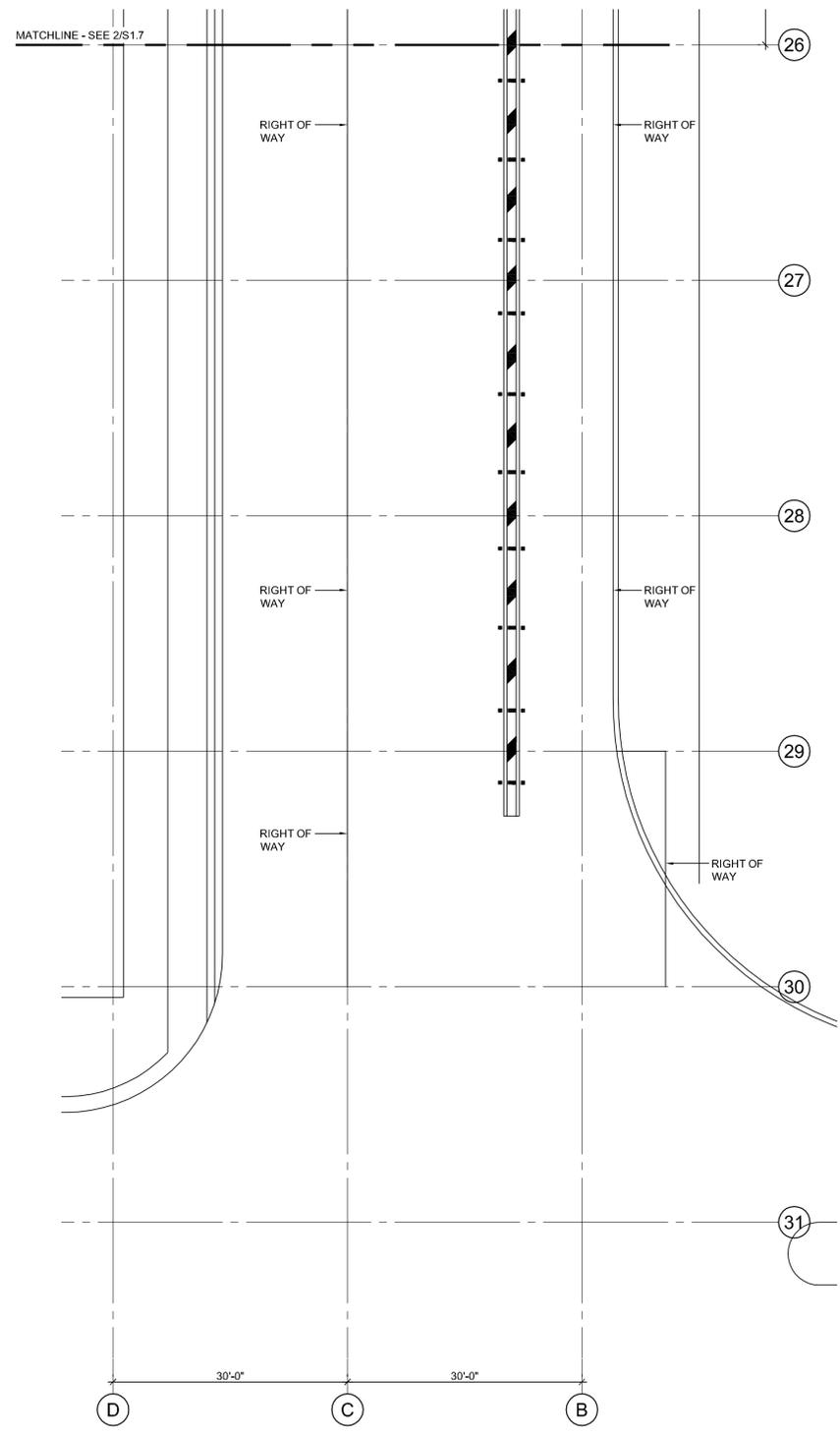
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S1.71

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

- NOTES:
- 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.
  - STRIPING PLAN IS SCHEMATIC. CONTRACTOR SHALL SUBMIT DETAILED STRIPING PLAN CONFORMING TO FDOT STANDARDS 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.

LEGEND:  
 ○ EXISTING STORM DRAIN LEADER BELOW ROADWAY.



N  
 1 STRIPING - PARTIAL PLAN SECTION "E"  
 3/32" = 1'-0"



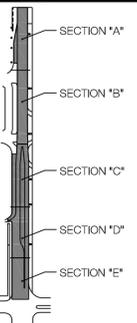
Project:

HARBOUR ISLAND  
 ROADWAY SURFACE  
 REPLACEMENT

Client:

CITY OF TAMPA

Keyplan:



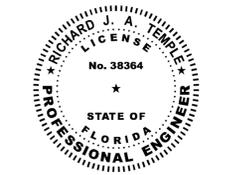
Issues/Revisions:

No.	Date	Description
	29.AUG.14	100% CD

Project Number: M05.10002.01  
 Drawn By: RC  
 Approved By: WW  
 Checked By: 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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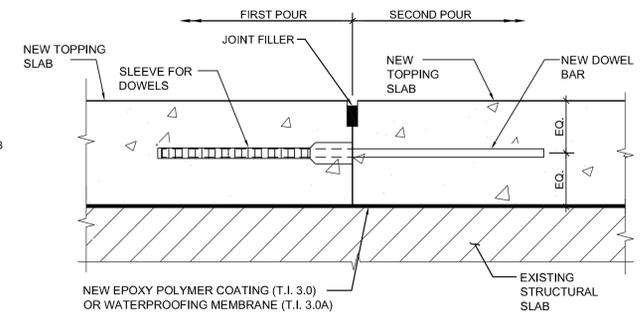
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DETAILS

Filename:

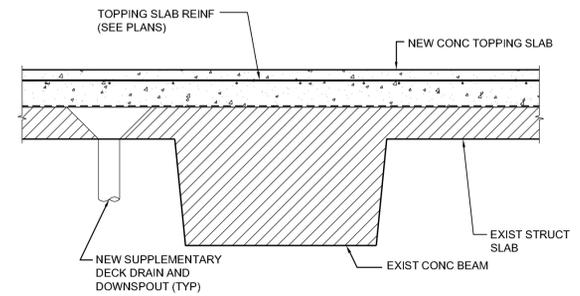
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S2.1



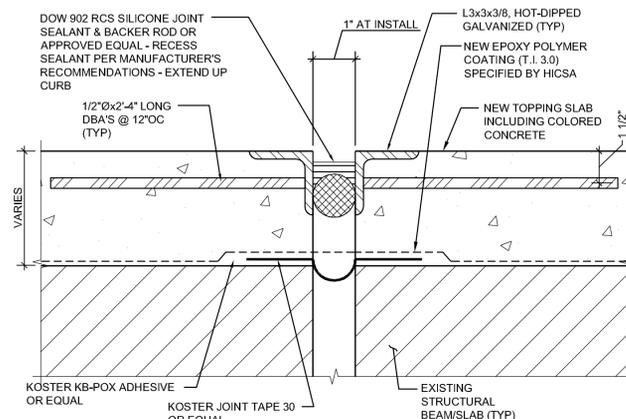
- NOTES:
1. PLACE SLEEVE AT JOINT ON THE SIDE OF FIRST POUR. PROPERLY ATTACH SLEEVE TO FORMS.
  2. REFER TO SPECIFICATIONS FOR APPROVED TWO COMPONENT SLEEVE SYSTEM TO ACCEPT THE BAR DOWELS. FOLLOW THE MANUFACTURER'S INSTRUCTIONS FOR PROPER INSTALLATION.
  3. INSTALL DOWELS TO THE FULL DEPTH OF THE EMBEDDED SLEEVE AND PROCEED WITH NEXT CONCRETE POUR.
  4. SEE DETAILS 1/S3.0 OR 2/S3.0 TYPICAL CONSTRUCTION AND CONTROL JOINTS-TOPPING SLAB\* FOR ADDITIONAL INFORMATION.

1 SECTION - DOWELS AT CONSTRUCTION JOINT  
 NTS



- NOTES:
1. REFER TO PLANS FOR LOCATIONS OF NEW DECK DRAINS AND DOWNSPOUTS. SEE PLAN NOTES.
  2. CONNECT NEW DECK DRAIN DOWNSPOUTS TO NEAREST EXISTING ROADWAY STORM DRAIN LEADER. SEE PLANS.
  3. INSTALL HYDRODRAIN 300 UNDERLAIN BY HYDROFLEX 30 BOTH BY AMERICAN HYDROTECH OVER DRAIN SUMP OPENING PRIOR TO CONCRETE TOPPING PLACEMENT. HYDRODRAIN 300 SHALL EXTEND A MINIMUM OF 3" PAST EDGES OF DRAIN OPENING.

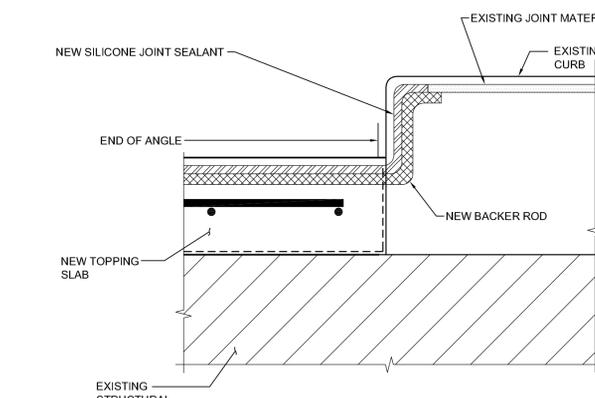
2 DETAIL AT NEW SUPPLEMENTARY DRAIN  
 NTS



- NOTES:
1. EXISTING EXPANSION JOINT IN STRUCTURAL SLAB SHALL BE CARRIED THROUGH NEW TOPPING SLAB SO THAT WIDTH OF JOINT IN STRUCTURAL SLAB AND WIDTH OF JOINT IN TOPPING SLAB ARE THE SAME.
  2. DESIGN OF EXPANSION JOINT SEALS IS BASED ON MINIMUM 1" WIDE EXPANSION JOINTS IN STRUCTURAL SLAB AS SHOWN IN RECORD DRAWINGS BY THE HILLER GROUP DATED 1/16/84. IF ACTUAL CONDITIONS DIFFER, CONTACT ENGINEER FOR WRITTEN DIRECTION.
  3. ANTICIPATED MOVEMENT OF EXPANSION JOINTS IS +/-1/2".
  4. ANGLES EXTEND CURB-TO-CURB AND ACROSS NEW COLORED CONCRETE.
  5. SLAB REINFORCEMENT NOT SHOWN FOR CLARITY.
  6. ACCEPTABLE STRUCTURAL BEAM/SLAB JOINT SEALING SYSTEMS:
    - a. KOSTER JOINT TAPE 30 WITH KOSTER KB-POX ADHESIVE
    - b. MAPS MAFEBAND TPE 325 TAPE WITH ADESLEX PDX ADHESIVE
    - c. AQUAFIN JOINT SEALING TAPE 2000-S WITH AQUAFIN 2KM CEMENTITIOUS WATERPROOFING MATERIAL.

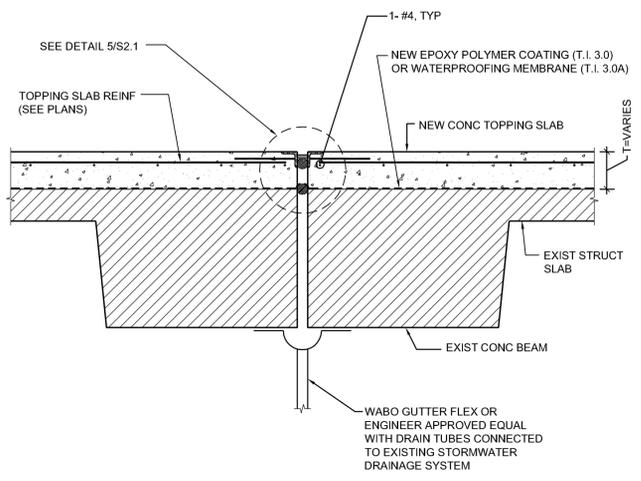
6 ENLARGED EXPANSION JOINT DETAIL W/ T.I. 3.0  
 NTS

5 ENLARGED EXPANSION JOINT DETAIL W/ T.I. 3.0A  
 NTS

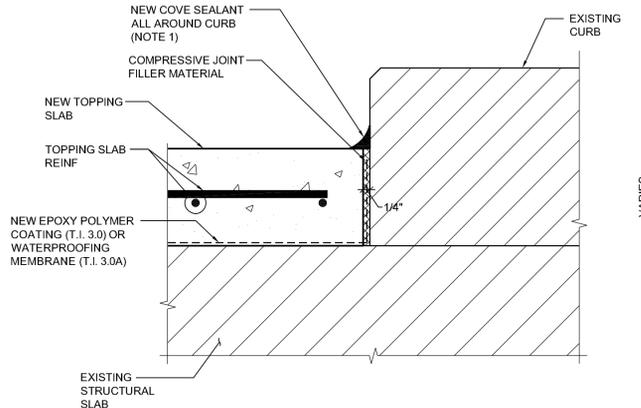


- NOTES:
1. PLACE BACKER ROD IN NEW CONCRETE TOPPING PER DETAIL 5/S2.1 AND ALONG THE UPTURN IN THE CURB.
  2. TUCK BACKER ROD UNDER EXISTING SIDEWALK BACKER ROD AND JOINT MATERIAL.
  3. INSTALLATION SILICONE JOINT SEALANT PER DETAIL 5/S2.1 AND ALONG THE UPTURN IN THE CURB.

9 TYPICAL EXPANSION JT. AT EXISTING CURB  
 NTS

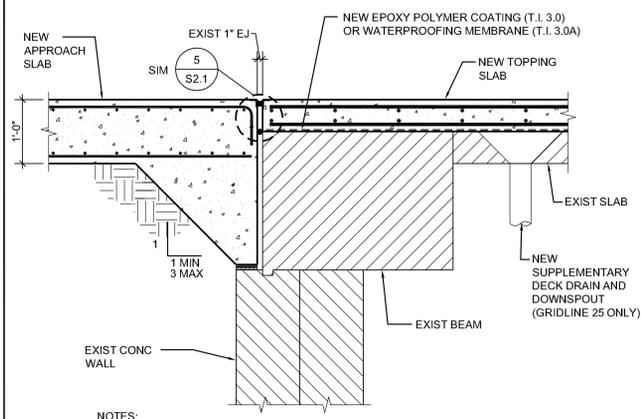


3 DETAIL AT EXPANSION JOINT  
 (GRIDLINE 11, GRIDLINES 7, 16 & 20 SIM)  
 NTS



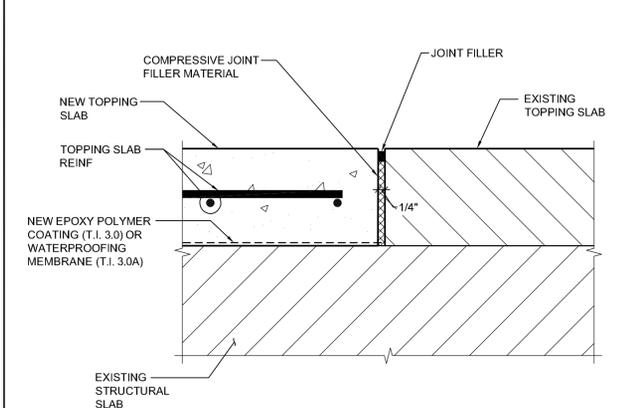
- NOTES:
1. USE NS PARKING STRUCTURE SEALANT (NON-SAG) BY DOW-CORNING.

7 TYPICAL JOINT AT EXISTING CURB  
 NTS



- NOTES:
1. REFER TO PLANS FOR LOCATIONS OF NEW DECK DRAINS AND DOWNSPOUTS. INSTALL ONLY WHERE INDICATED ON PLANS.
  2. CONNECT NEW DECK DRAIN DOWNSPOUTS TO NEAREST EXISTING ROADWAY STORM DRAIN LEADER. SEE PLANS.
  3. INSTALL HYDRODRAIN 300 UNDERLAIN BY HYDROFLEX 30 BOTH BY AMERICAN HYDROTECH OVER DRAIN SUMP OPENING PRIOR TO CONCRETE TOPPING PLACEMENT. HYDRODRAIN 300 SHALL EXTEND A MINIMUM OF 3" PAST EDGES OF DRAIN OPENING.

4 DETAIL AT EXPANSION JOINT  
 (GRIDLINE 25, AND GRIDLINE 1.5 SIM)  
 NTS



- NOTES:
1. USE NS PARKING STRUCTURE SEALANT (NON-SAG) BY DOW-CORNING.

8 TYPICAL JOINT AT EXISTING TOPPING SLAB  
 NTS

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