

CITY OF TAMPA, FLORIDA

PLANS FOR

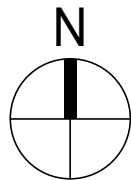
Contract 26-C-00012

Rivergate Parking Garage Level B1 Improvements

These Plans for the referenced projects come from uncontrolled sources and do not conform to WCAG 2.1 at level AA. Individuals with disabilities seeking assistance with the individual project plans or specifications should e-mail contractadministration@tampagov.net.

City of Tampa
CONTRACT ADMINISTRATION DEPARTMENT
TAMPA MUNICIPAL OFFICE BUILDING
306 E. JACKSON STREET - 4TH FLOOR NORTH
TAMPA, FLORIDA 33602

RIVERGATE PARKING GARAGE LEVEL B1 REPAIRS
TAMPA, FLORIDA



SITE PLAN



SHEET LIST	
SHEET NUMBER	SHEET NAME
S0.0	COVER SHEET
S0.1	GENERAL NOTES
S1.0	PLAN - LEVEL B1
S1.1	PLAN - LEVEL B2
S2.0	DETAILS
S2.1	DETAILS
S2.2	DETAILS
S2.3	DETAILS
S2.4	DETAILS



walter
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Walter P Moore and Associates, Inc.
300 South Orange, Suite 1200
Orlando, FL 32801

407.418.2218

Project Name:

RIVERGATE PARKING
GARAGE LEVEL B1
REPAIRS

Client :

CITY OF TAMPA

Issues/Revisions :

ISSUED FOR BID

No.	Date	Description
	04/04/25	Issued for Bid

Project Number : D07.24028.00	Drawn By : AK
Approved By : WW	Checked By : AB

Certification Statement :
TO THE BEST OF THE ENGINEER'S KNOWLEDGE,
THE PLANS AND SPECIFICATIONS COMPLY WITH
THE 2023 FLORIDA BUILDING CODE.

Seal and Signature :

E. Webb Wright, P.E.
Professional Engineer No. 57639
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Drawing Title :

COVER SHEET

Filename :

Sheet No. :

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GENERAL NOTES

PART I - DESIGN CRITERIA

- A. GENERAL BUILDING CODE
1. THE REPAIR DOCUMENTS ARE BASED ON THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2023 (8TH EDITION) AND THE FLORIDA EXISTING BUILDING CODE 2023 (8TH EDITION).

PART II - SCOPE OF WORK

- A. GENERAL
1. SCOPE OF WORK GENERALLY CONSISTS OF IMPROVEMENTS INTENDED TO MITIGATE AND BETTER MANAGE WATER INFILTRATION INTO LEVELS B1 AND B2 OF THE PARKING GARAGE.

PART III - SUBMITTALS

- A. SUBMITTAL LIST AND SCHEDULE
1. THE 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:
- a. PRODUCT DATA, CERTIFICATES, REPORTS, AND OTHER LITERATURE
- B. SUBMITTALS TO BE PROVIDED TO STRUCTURAL ENGINEER
1. PRODUCT SUBMITTALS: IN ADDITION TO THE SUBMITTALS REQUIRED BY THE PROJECT SPECIFICATIONS, THE FOLLOWING SUBMITTALS SHALL BE PROVIDED:
- a. EXPANSION JOINT SYSTEMS.
b. FLEXIBLE GUTTERS AND DRAIN TUBES.
c. CRACK REPAIR AND JOINT SEALANT MATERIALS.
d. CHEMICAL GROUT INJECTION MATERIALS.
e. CLEANING AND COATING MATERIALS.
f. PAINT MATERIALS.
g. PIPING AND FLOOR DRAIN ASSEMBLY SHOP DRAWINGS.
2. SUBMITTAL REQUIREMENTS:
- a. ALL SHOP DRAWINGS MUST BE REVIEWED AND ELECTRONICALLY STAMPED BY THE CONTRACTOR PRIOR TO SUBMITTAL.
- b. CONTRACTOR SHALL PROVIDE THE SUBMITTAL IN ELECTRONIC PORTABLE DOCUMENT FORMAT (PDF) PER THE SPECIFICATIONS.
- 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.
- C. REPRODUCTION
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.

PART IV - MISCELLANEOUS

- A. CONTRACT DOCUMENTS
1. IT IS THE RESPONSIBILITY OF THE 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.
2. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE REPAIRED 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.
3. OPENINGS THROUGH FLOORS, ROOFS, AND WALLS FOR DUCTS, PIPING, AND/OR CONDUIT SHALL BE COORDINATED BY THE CONTRACTOR. CONTRACTOR SHALL VERIFY SIZES AND LOCATIONS OF HOLES AND OPENINGS WITH THE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS AND THE RESPECTIVE SUBCONTRACTORS.
4. REFER TO DRAWINGS OF EXISTING FACILITY (OTHER THAN REPAIR DRAWINGS) FOR COMPLETE INFORMATION INCLUDING: EXPANSION JOINT SYSTEMS, PRESENCE OF POST-TENSIONING, LOCATION AND SIZE OF STRUCTURAL MEMBERS (BEAMS, COLUMNS, WALLS, ETC.), SLAB THICKNESS, AND OTHER INFORMATION RELEVANT TO THE PROJECT, IF MADE AVAILABLE.
5. 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.
- B. CONFLICTS IN STRUCTURAL REQUIREMENTS
1. WHERE CONFLICT EXISTS AMONG THE VARIOUS PARTS OF THE REPAIR CONTRACT DOCUMENTS, REPAIR DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS, THE STRICTEST REQUIREMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN.

PART IV - MISCELLANEOUS (CONT'D)

- C. EXISTING CONDITIONS
1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING BUILDING AT THE JOB SITE AND REPORT ANY DISCREPANCIES FROM ASSUMED CONDITIONS SHOWN ON THE DRAWINGS TO ENGINEER PRIOR TO THE FABRICATION AND ERECTION OF ANY MEMBERS. EXISTING DIMENSIONS SHOWN ON THE DRAWINGS ARE FOR GENERAL REFERENCE ONLY AND SHOULD NOT BE USED FOR FINAL CONSTRUCTION OR DETAILING.
2. 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 AND SHALL BE REFERENCED FOR FAMILIARIZATION WITH EXISTING CONDITIONS. HOWEVER, THE AVAILABLE DRAWINGS OF EXISTING CONSTRUCTION ARE NOT NECESSARILY COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR BEING KNOWLEDGEABLE ON INFORMATION PRESENTED IN AVAILABLE DRAWINGS AND SHALL FIELD VERIFY ALL PERTINENT INFORMATION.
3. DEMOLITION, CUTTING, DRILLING, ETC. OF EXISTING WORK SHALL BE PERFORMED WITH GREAT CARE SO AS NOT TO JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING. IF ANY ARCHITECTURAL, STRUCTURAL, OR MEP MEMBERS NOT DESIGNATED FOR REMOVAL INTERFERE WITH THE NEW WORK, THE OWNER SHALL BE NOTIFIED IMMEDIATELY AND APPROVAL OBTAINED PRIOR TO REMOVAL OF THOSE MEMBERS.
4. THE CONTRACTOR SHALL SAFELY SHORE EXISTING CONSTRUCTION WHEREVER EXISTING SUPPORTS ARE REMOVED TO ALLOW THE INSTALLATION OF NEW WORK. ALL SHORING METHODS AND SEQUENCING OF DEMOLITION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND HIS ENGINEER.
5. THE CONTRACTOR SHALL PERFORM A SURVEY TO LOCATE ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION AND TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN IN SERVICE. EXISTING CIVIL, MECHANICAL, ELECTRICAL, PLUMBING, AND EMERGENCY PROTECTION SYSTEM SERVING ANY AREAS OUTSIDE THE WORK AREA ARE TO BE MAINTAINED IN OPERABLE CONDITION THROUGHOUT THE DURATION OF REPAIRS. CONTRACTOR SHALL MAKE NECESSARY TEMPORARY CONNECTIONS TO MAINTAIN EXISTING UTILITIES IN SERVICE DURING THE WORK. TEMPORARY, LOCALIZED INTERRUPTION OF THESE SYSTEMS SHALL REQUIRE APPROVAL BY THE OWNER.
6. THE CONTRACTOR SHALL PROVIDE DUST, ODOR, AND NOISE PROTECTION, AND SAFETY MEASURES AS NECESSARY FOR THE DURATION OF REPAIRS. PROVIDE ALL MEASURES NECESSARY TO PROTECT THE EXISTING STRUCTURE, BUILDING INTERIOR, VEHICLES, FACILITY PATRONS, AND OTHER PERSONS DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT LIMITED TO TEMPORARY BRACING, SHORING, FORMWORK, PROTECTIVE ENCLOSURES, AND TRAFFIC CONTROLS.
7. THE CONTRACTOR SHALL PERFORM A PRE-CONSTRUCTION CONDITION SURVEY TO DOCUMENT SITE CONDITIONS PRIOR TO START OF WORK. SUBMIT SURVEY TO OWNER AND THE ENGINEER, DOCUMENT LOCATION, CONDITION, AND QUANTITIES OF ANY CONSTRUCTION DESIGNATED FOR REMOVAL AND INSTALLATION.
8. THE CONTRACTOR SHALL REPAIR ALL DAMAGE CAUSED DURING CONSTRUCTION WITH SIMILAR MATERIALS AND WORKMANSHIP TO RESTORE CONDITIONS TO LEVELS ACCEPTABLE TO THE OWNER.
- E. CONTRACTOR SUBSTITUTIONS
1. ANY MATERIALS OR PRODUCTS SUBMITTED FOR APPROVAL THAT ARE DIFFERENT FROM THE MATERIAL OR PRODUCTS SPECIFIED IN THE STRUCTURAL CONTRACT DOCUMENTS WILL BE CONSIDERED FOR APPROVAL ONLY IF THE FOLLOWING CRITERIA ARE SATISFIED:
- 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.
2. SUBMITTALS NOT SATISFYING THE ABOVE CRITERIA WILL NOT BE CONSIDERED.
- F. THE ENGINEER'S ROLE DURING CONSTRUCTION
1. 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 GENERAL, IF THE WORK OBSERVED IS BEING PERFORMED IN A MANNER INDICATING THAT THE WORK, WHEN FULLY COMPLETED, WILL BE IN ACCORDANCE WITH THE REPAIR 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.
- G. MAINTENANCE STATEMENT
1. 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 BUILDING OWNER. THIS PROGRAM SHALL INCLUDE SUCH ITEMS SUCH AS BUT NOT LIMITED TO PAINTING OF STRUCTURAL STEEL, PROTECTIVE COATING FOR CONCRETE, SEALANTS, CAULKED JOINTS, EXPANSION JOINTS, CONTROL JOINTS, SPALLS AND CRACKS IN CONCRETE, AND PRESSURE WASHING OF EXPOSED STRUCTURAL ELEMENTS EXPOSED TO A SALT ENVIRONMENT OR OTHER HARSH CHEMICALS.

PART V - DRAWING INTERPRETATION

- A. DRAWING VIEWS LABELED AS "TYPICAL"
1. 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 APPLICABILITY OF THESE "TYPICAL" VIEWS SHALL BE DETERMINED BY THE STRUCTURAL ENGINEER.
- B. STRUCTURAL ABBREVIATIONS, SYMBOLS, AND NOTATIONS
- | | |
|-------|--------------------------|
| CMU | CONCRETE-MASONRY UNIT |
| CONC | CONCRETE |
| CSP | CONCRETE SURFACE PROFILE |
| DIA | DIAMETER |
| E.J. | EXPANSION JOINT |
| EXIST | EXISTING |
| FV | FIELD VERIFY |
| MAX | MAXIMUM |
| MIN | MINIMUM |
| O.C. | ON CENTER |
| PSI | POUNDS PER SQUARE INCH |
| PT | POST-TENSIONED |
| REINF | REINFORCING |
| T.I. | TASK ITEM |
| TYP | TYPICAL |
- TASK ITEM NO. ##
- ##

TASK ITEMS TABLE

TASK ITEMS LIST	
TASK ITEM NO.	DESCRIPTION
6.1	EXPANSION JOINT REPLACEMENT AT FLOOR SLAB
6.2	EXPANSION JOINT REPLACEMENT AT COLUMNS
6.3	EXPANDING FOAM SEALANT INSTALLATION AT EXPANSION JOINT OPENINGS OVERHEAD
6.5	SUPPLEMENTAL GUTTER AND DOWNSPOUT REPLACEMENT
7.1	CRACK REPAIR
7.6	OVERHEAD CHEMICAL GROUT INJECTION
9.10	SEAL OVERHEAD PIPE PENETRATIONS
10.1	CLEAN AND COAT MISCELLANEOUS STEEL
10.2	REPLACE DAMAGED PAINT FINISHES
11.1	SUPPLEMENTAL FLOOR DRAIN INSTALLATION



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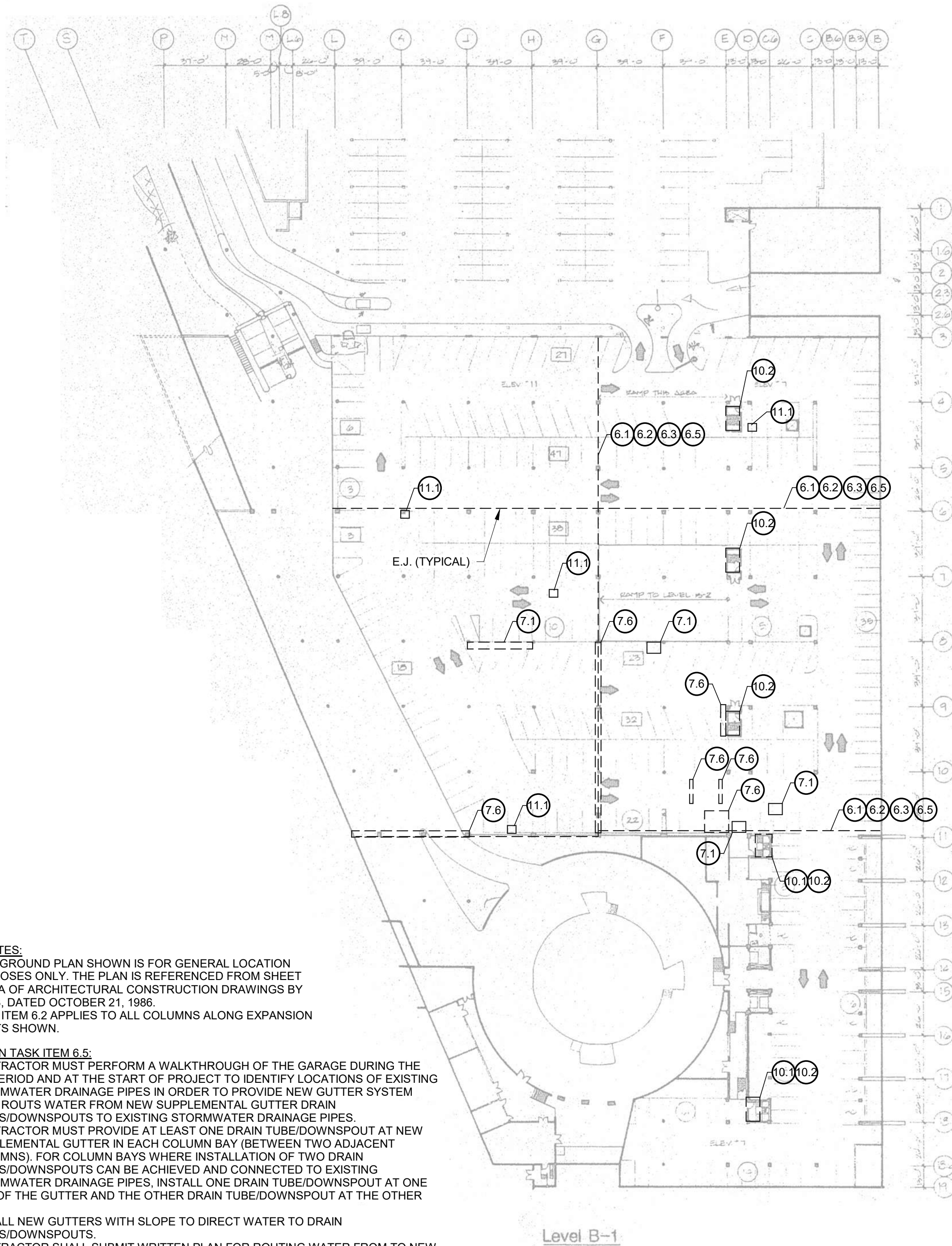
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GENERAL NOTES

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PLAN NOTES:

1. BACKGROUND PLAN SHOWN IS FOR GENERAL LOCATION PURPOSES ONLY. THE PLAN IS REFERENCED FROM SHEET A2.11A OF ARCHITECTURAL CONSTRUCTION DRAWINGS BY NCNB, DATED OCTOBER 21, 1986.
2. TASK ITEM 6.2 APPLIES TO ALL COLUMNS ALONG EXPANSION JOINTS SHOWN.

NOTES ON TASK ITEM 6.5:

1. CONTRACTOR MUST PERFORM A WALKTHROUGH OF THE GARAGE DURING THE BID PERIOD AND AT THE START OF PROJECT TO IDENTIFY LOCATIONS OF EXISTING STORMWATER DRAINAGE PIPES IN ORDER TO PROVIDE NEW GUTTER SYSTEM THAT ROUTS WATER FROM NEW SUPPLEMENTAL GUTTER DRAIN TUBES/DOWNSPOUTS TO EXISTING STORMWATER DRAINAGE PIPES.
2. CONTRACTOR MUST PROVIDE AT LEAST ONE DRAIN TUBE/DOWNSPOUT AT NEW SUPPLEMENTAL GUTTER IN EACH COLUMN BAY (BETWEEN TWO ADJACENT COLUMNS). FOR COLUMN BAYS WHERE INSTALLATION OF TWO DRAIN TUBES/DOWNSPOUTS CAN BE ACHIEVED AND CONNECTED TO EXISTING STORMWATER DRAINAGE PIPES, INSTALL ONE DRAIN TUBE/DOWNSPOUT AT ONE END OF THE GUTTER AND THE OTHER DRAIN TUBE/DOWNSPOUT AT THE OTHER END.
3. INSTALL NEW GUTTERS WITH SLOPE TO DIRECT WATER TO DRAIN TUBES/DOWNSPOUTS.
4. CONTRACTOR SHALL SUBMIT WRITTEN PLAN FOR ROUTING WATER FROM TO NEW SUPPLEMENTAL GUTTER DRAIN TUBES/DOWNSPOUTS TO EXISTING STORMWATER DRAINAGE PIPES WITH BID. INCLUDE GRAPHICAL PLAN THAT INDICATES LOCATIONS OF NEW GUTTER DRAIN TUBES/DOWNSPOUTS AND NEW PIPING TO BE INSTALLED TO CONNECT TO EXISTING STORMWATER DRAINAGE PIPES.

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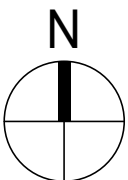
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PLAN - LEVEL B1

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1

PLAN - LEVEL B1

NO SCALE



107.418.2218

RIVERGATE PARKING GARAGE LEVEL B1 REPAIRS

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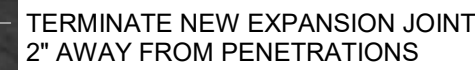
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DETAILS

S2.0



REPRESENTATIVE PHOTO

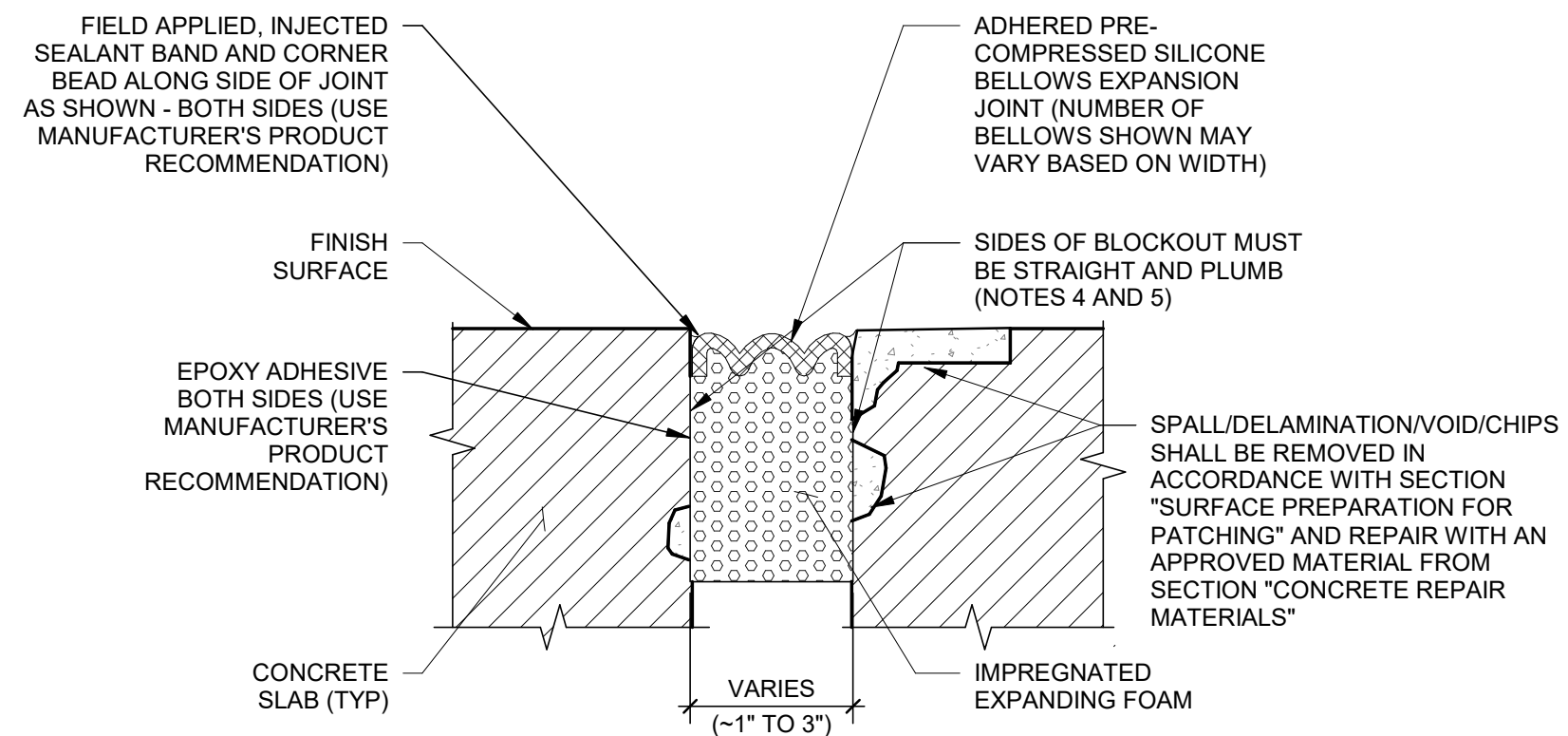
1. WHERE EXISTING PIPES INTERSECT EXPANSION JOINT OPENING ON FLOOR SLABS, PROVIDE JOINT SEALANT AROUND PIPE AND TERMINATE ADJACENT EXPANSION JOINT TO NEW SEALANT JOINT AND BACKER ROD.
2. CLEAN EXISTING PIPE SURFACE OF CONTAMINANTS AND LIGHTLY ABRASE PIPE SURFACE PRIOR TO INSTALLING SEALANT.
3. CONTRACTOR SHALL COORDINATE WITH SEALANT MANUFACTURER TO PERFORM PRE-CONSTRUCTION ADHESION TESTING OF SEALANT-TO-PIPE BOND AND PROVIDE REPORT OF TEST RESULTS TO ENGINEER.
4. CONTRACTOR SHALL COORDINATE WITH SEALANT AND EXPANSION JOINT MANUFACTURER TO PERFORM PRE-CONSTRUCTION ADHESION TESTING OF SEALANT-TO-EXPANSION JOINT BOND AND PROVIDE REPORT OF TEST RESULTS TO ENGINEER.

2

EXPANSION JOINT REPLACEMENT AT SLAB PENETRATIONS

NO SCALE

(TASK ITEM 6.1)



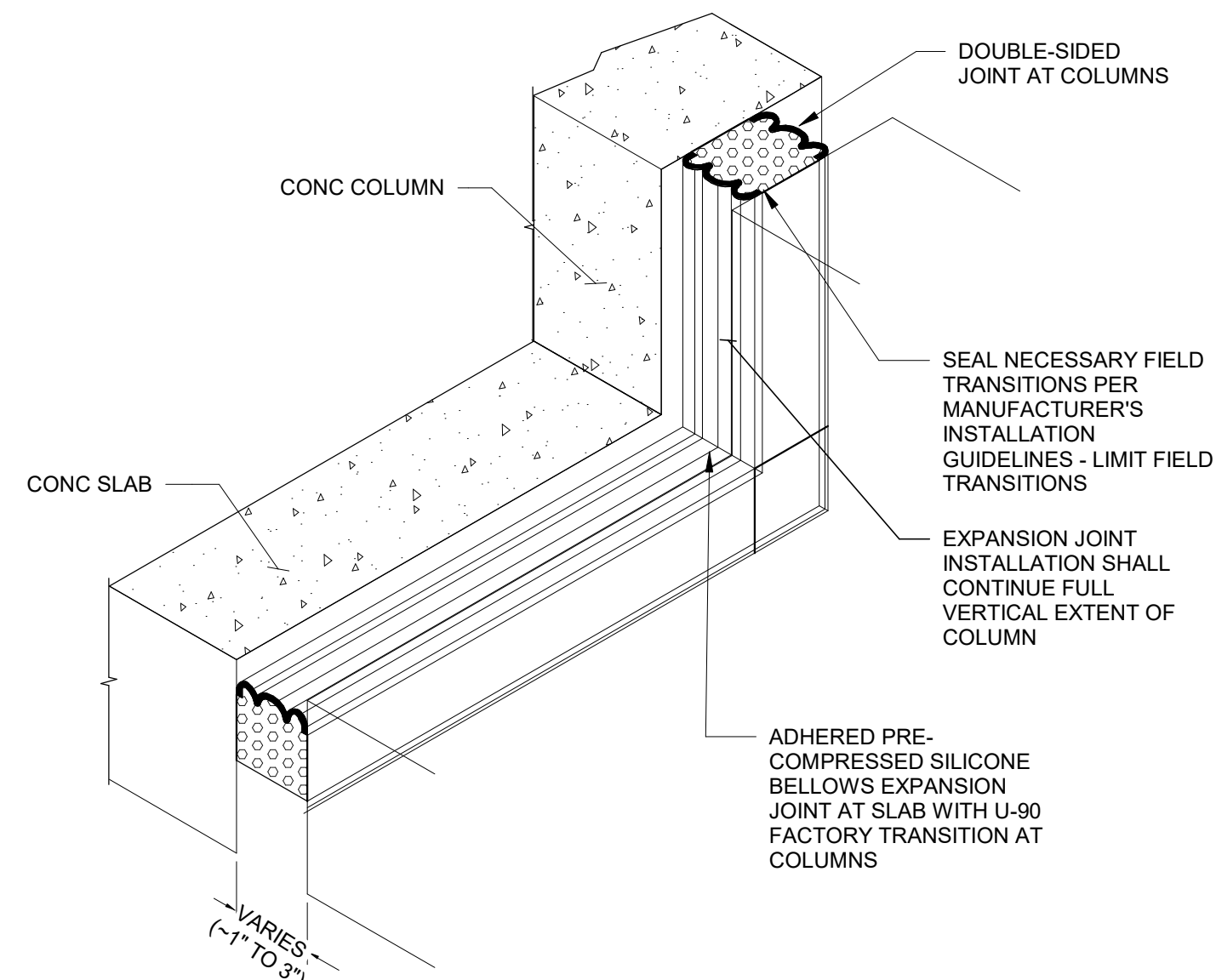
1. CONTRACTOR SHALL WITH EXPANSION JOINT MANUFACTURER, VERIFY FIELD INSTALLATION WIDTH BASED ON TEMPERATURE CONDITIONS.
2. CLEAN ALL SURFACES WITHIN JOINT SUCH THAT THERE ARE NO OLD RESIDUAL MATERIALS, DUST, OR CONTAMINANTS ON THE INSIDE SURFACES OF THE JOINT.
3. WHERE EXPANSION JOINT IS INTERSECTED BY PIPES OR OTHER OBSTRUCTIONS, CONTRACTOR SHALL PROVIDE A WATERTIGHT SEAL AROUND PENETRATIONS EITHER WITH A CUSTOM-FABRICATED EXPANSION JOINT SEAL OR WITH SEALANT. PER DETAIL 2/S2.0
4. ENSURE BLOCKOUT DIMENSIONS MEET REQUIREMENT OF EXPANSION JOINT MANUFACTURER.
5. REPAIR EXISTING CONCRETE BLOCKOUT TO CONFORM TO REQUIREMENTS OF EXPANSION JOINT MANUFACTURER. NOTE: SLAB IS POST-TENSIONED. DO NOT DAMAGE EXISTING EMBEDDED REINFORCEMENT INCLUDING POST-TENSIONING.

1

EXPANSION JOINT REPLACEMENT AT SLAB

NO SCALE

(TASK ITEM 6.1)



NOTES:

1. ENSURE BLOCKOUT DIMENSIONS MEET REQUIREMENT OF EXPANSION JOINT MANUFACTURER.
2. REPAIR EXISTING CONCRETE BLOCKOUT TO CONFORM TO REQUIREMENTS OF EXPANSION JOINT MANUFACTURER. NOTE: SLAB IS POST-TENSIONED. DO NOT DAMAGE EXISTING EMBEDDED REINFORCEMENT INCLUDING POST-TENSIONING.
3. FINAL SURFACE PREPARATION SHALL BE ABRASIVE BLASTING.
4. CONTRACTOR SHALL MAKE EVERY EFFORT TO INSTALL EXPANSION JOINT DURING COOLEST PART OF THE DAY. CONTRACTOR SHALL, WITH EXPANSION JOINT MANUFACTURER, VERIFY FIELD INSTALLATION WIDTH BASED ON TEMPERATURE CONDITIONS.
5. CLEAN ALL SURFACES WITHIN JOINT SUCH THAT THERE ARE NO OLD RESIDUAL MATERIALS, DUST, OR CONTAMINANTS ON THE INSIDE SURFACES OF THE JOINT.

3

EXPANSION JOINT REPLACEMENT AT COLUMN

NO SCALE

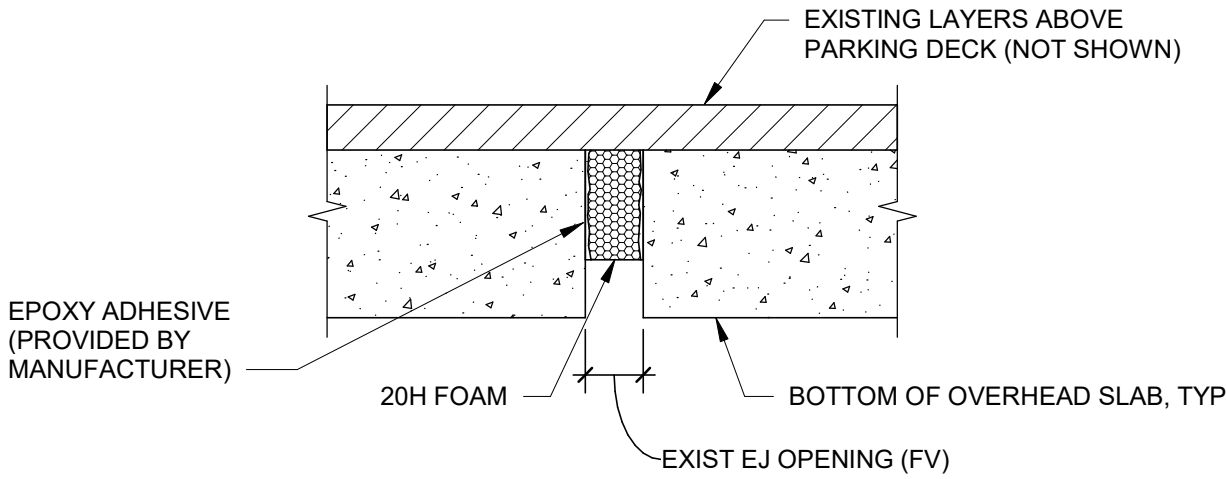
(TASK ITEM 6.2)



REPRESENTATIVE PHOTO

INSTALL PRECOMPRESSED EXPANDING FOAM SEAL (SIKA/EMSEAL 20H SYSTEM) AT JOINT OPENING BETWEEN DOUBLE COLUMN AT BOTTOM OF OVERHEAD SLAB TO PREVENT WATER FROM RUNNING BEHIND COLUMN EXPANSION JOINTS. AND TO DIRECT WATER TO GUTTERS. SEE NOTE 1

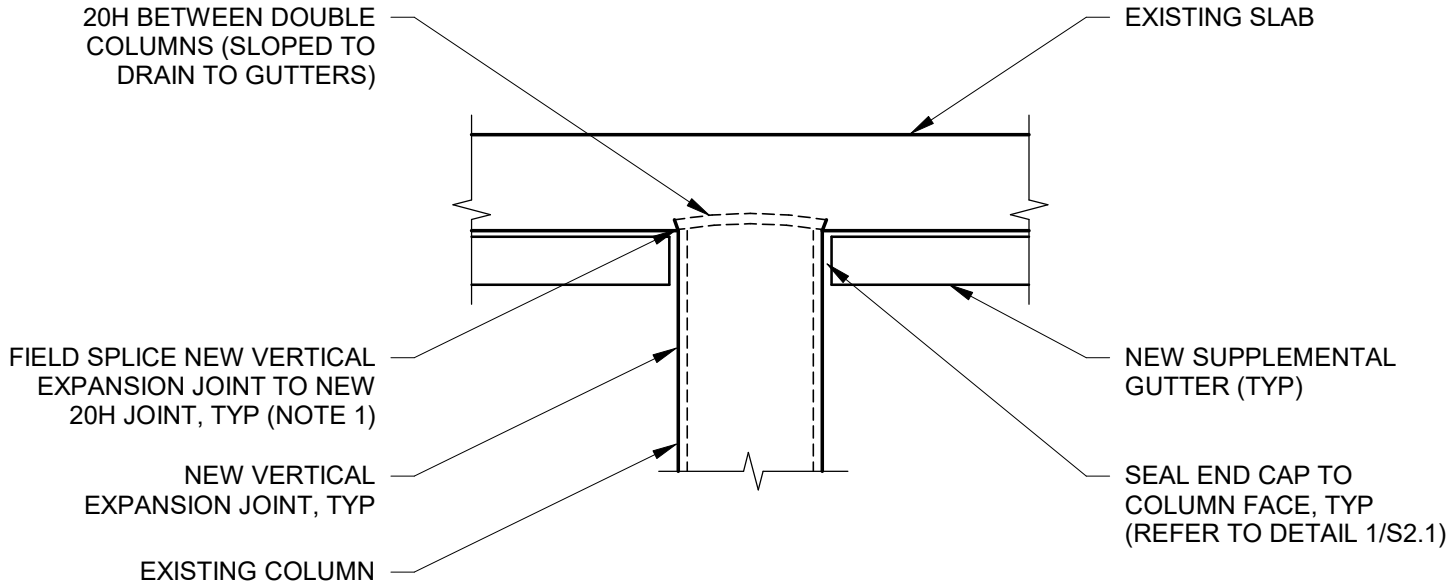
INSTALL EMSEAL 20H SYSTEM AT ENTIRE LENGTH OF OVERHEAD EXPANSION JOINTS, WITH WEEPS AT EVERY 5' O.C.



- NOTES:
1. AT TOP OF COLUMNS, TERMINATE VERTICAL EXPANSION JOINT AT UNDERSIDE OF SLAB AND TRANSITION TO HORIZONTAL PRECOMPRESSED EXPANDING FOAM SEAL AT BOTTOM OF SLAB BEHIND COLUMNS.
 2. CONDUCT PERFORMANCE MOCK-UP OF INSTALLATION FOR APPROVAL BY ENGINEER PRIOR TO PROCEEDING WITH REPAIRS.

EXPANDING FOAM SEALANT INSTALLATION AT OVERHEAD JOINTS

NO SCALE



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Professional Engineer No. 57639
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S2.1



REPRESENTATIVE PHOTO

INSTALL NEW GUTTER BELOW OVERHEAD EXPANSION JOINT OPENINGS BETWEEN COLUMN LOCATIONS SHOWN ON PLAN. REFER TO DETAIL FOR DIMENSIONS

INSTALL GUTTER END CAPS AT BOTH COLUMN FACES TO PROVIDE ADEQUATE DRAINAGE (NOTE 3)

INSTALL NEW DRAIN TUBE ADJACENT TO COLUMN AND EXTEND /CONNECT TO NEAREST EXISTING STORMWATER PIPING (NOTE 7)



PHOTO OF TYPICAL EXISTING CONDITIONS (NOTE 8)

REROUTE EXISTING CONDUIT USING FLEXIBLE CONDUIT, OR PROVIDE WATERTIGHT SEAL (NOTE 4)

PROVIDE CUSTOM-FABRICATED 90-DEG TURNS WHERE GUTTERS CHANGE IN ELEVATION TO PROVIDE CONTINUOUS GUTTER INSTALLATION



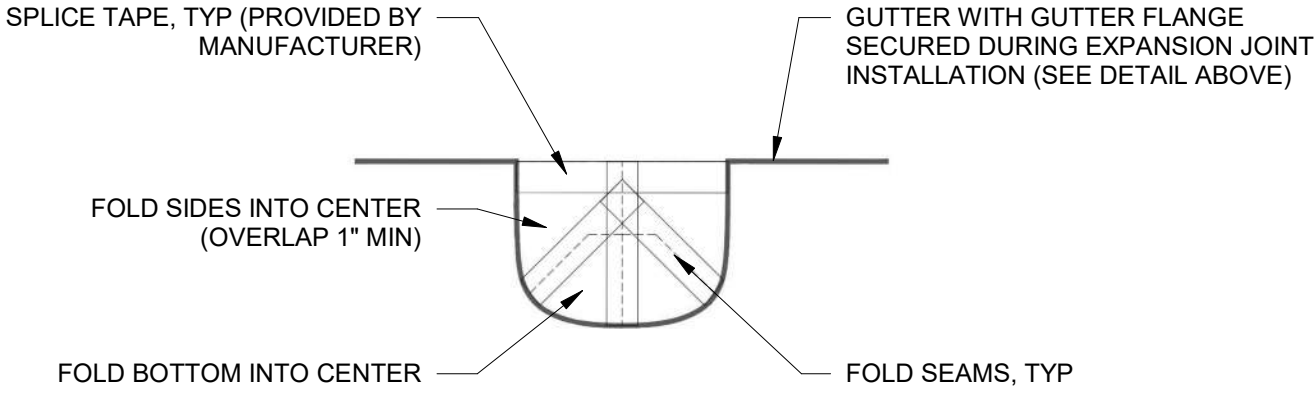
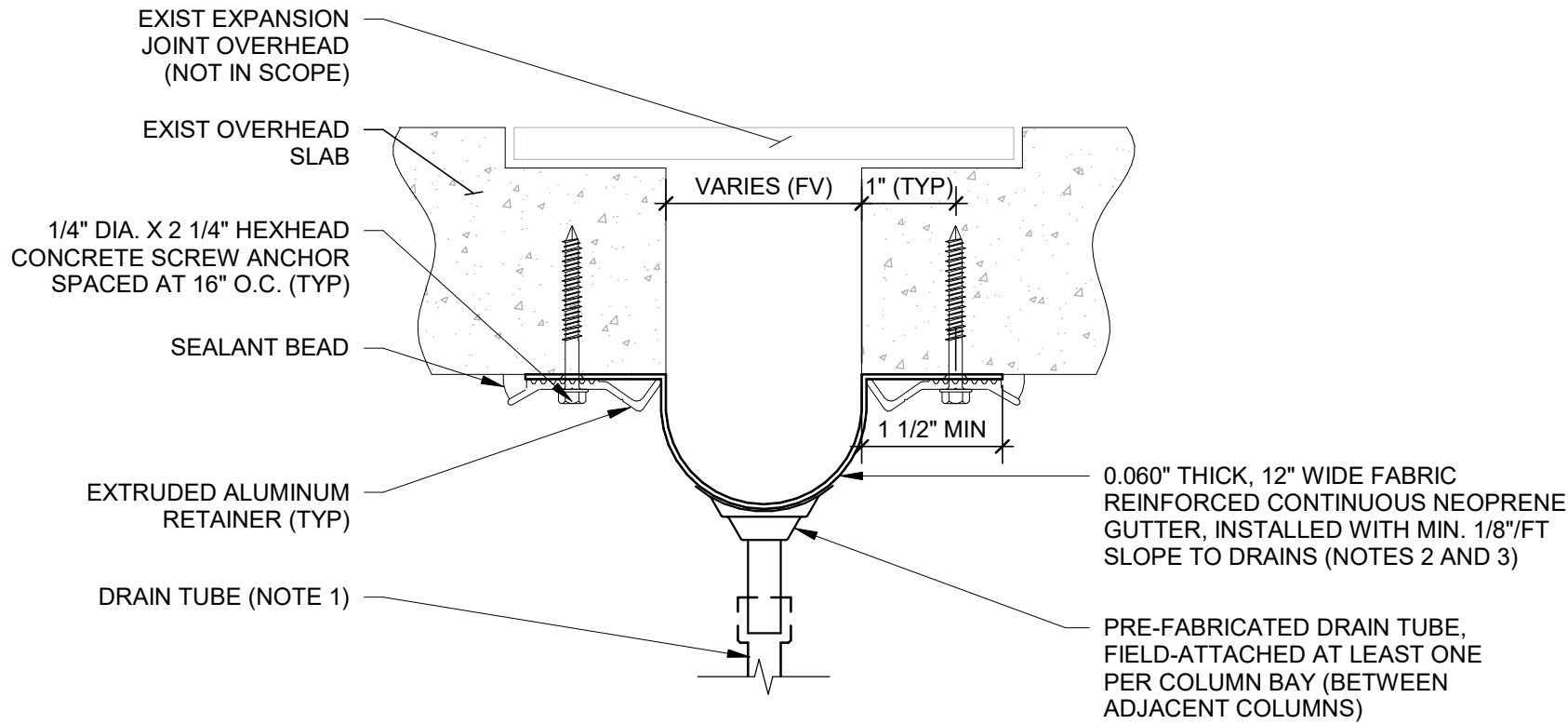
PHOTO OF TYPICAL EXISTING CONDITIONS (NOTE 8)

PROVIDE CUSTOM-FABRICATED, CONTINUOUS ANGLED GUTTERS WHERE REQUIRED TO DIRECT WATER TOWARDS DRAINS



PHOTO OF TYPICAL EXISTING CONDITIONS (NOTE 8)

PROVIDE FIELD-FABRICATED END CAPS WHERE REQUIRED TO DIRECT WATER TOWARDS DRAINS (SEE DETAIL)



- END DAM INSTALLATION STEPS:
1. EXTEND THE GUTTER MEMBRANE APPROX. 1'-0" PAST THE END OF THE JOINT.
 2. FOLD THE END MATERIAL INWARD TOWARD THE CENTER OF THE JOINT GAP AND USING THE SPLICE TAPE THAT IS PROVIDED, SECURE/SEAL THE TOP OF THE FOLD AND ALL SEAMS IN PLACE.
 3. REPEAT STEPS 1 AND 2 AT EACH END OF THE JOINT.

FIELD-FABRICATED GUTTER END DAM DETAIL

NOTES:

1. WHERE PRESENT, REMOVE AND REPLACE EXISTING METAL OR FLEXIBLE GUTTERS, IRON/STEEL DRAIN PIPES AND CLEAN EXISTING MEMBRANE PIPES OF DEBRIS, DUST AND CONTAMINANTS.
2. INSTALL NEW GUTTERS WITH SPLICE STRIPS WITH MINIMUM 2 1/2" OVERLAP ON EACH END AS NEEDED PER MANUFACTURER'S RECOMMENDATIONS.
3. WHERE GUTTERS TERMINATE AT COLUMNS, PROVIDE A PRE-FABRICATED WATERTIGHT END CLOSURE CAP TO PREVENT WATER FROM RUNNING DOWN FACE OF COLUMNS. SEAL TO COLUMNS SEALANT ACCEPTABLE TO MANUFACTURER OF SUPPLEMENTAL GUTTER.. CONTRACTOR SHALL COORDINATE WITH SEALANT MANUFACTURER TO PERFORM PRE-CONSTRUCTION ADHESION TESTING OF END CLOSURE CAP-TO-COLUMN SEAL BOND AND REPORT RESULTS TO ENGINEER.
4. WHERE GUTTERS MAY BE INTERSECTED BY EXISTING PIPES OR OTHER OBSTRUCTIONS, CONTRACTOR SHALL COORDINATE WITH OWNERS (CITY OF TAMPA AND BANYAN STREET CAPITAL) TO REROUTE EXISTING CONDUIT SO THAT CONDUIT DOES NOT PENETRATE NEW GUTTERS. IF OWNERS DETERMINE THAT REROUTING OF EXISTING CONDUIT IS NOT FEASIBLE, CONTRACTOR SHALL PROVIDE WRITTEN REPORT OF ALL SUCH LOCATIONS TO ENGINEER AND SHALL PROVIDE A WATERTIGHT SEAL AROUND PENETRATIONS THROUGH GUTTERS.
5. DO NOT DAMAGE EXISTING EMBEDDED STEEL REINFORCEMENT WHEN INSTALLING ANCHORS.
6. IF NECESSARY, MAKE ADJUSTMENTS TO EXISTING DRAINAGE PIPES SO THAT NEW GUTTER DRAIN TUBES/DOWNSPOUTS WILL BE CONNECTED TO PROMOTE WATER DRAINAGE.
7. REFER ALSO TO NOTES ON TASK ITEM 6.5 ON SHEET S1.0.
8. CONTRACTOR MUST PERFORM A WALKTHROUGH OF THE GARAGE DURING THE BID PERIOD TO IDENTIFY ALL EXISTING CONDITIONS INCLUDING ALL REPLACEMENT GUTTER TRANSITIONS. BID MUST ACCOUNT FOR INSTALLATION OF NEW GUTTERS, GUTTER DRAIN/DOWNSPOUTS AND CONNECTIONS OF NEW GUTTER DRAIN/DOWNSPOUTS TO EXISTING STORMWATER PIPING PER THESE DRAWINGS AND DETAILS.

1

SUPPLEMENTAL GUTTER AND DRAIN TUBE INSTALLATION

NO SCALE

(TASK ITEM 6.5)



Walter P. Moore and Associates, Inc.
300 South Orange, Suite 1200
Orlando, FL 32801

407.418.2218

Project Name:

RIVERGATE PARKING
GARAGE LEVEL B1
REPAIRS

Client :

CITY OF TAMPA

Issues/Revisions :

ISSUED FOR BID

No.	Date	Description
	04/04/25	Issued for Bid

Project Number :
D07.24028.00
Approved By :
WW

Drawn By :
AK
Checked By :
AB

Certification Statement :
TO THE BEST OF THE ENGINEER'S KNOWLEDGE,
THE PLANS AND SPECIFICATIONS COMPLY WITH
THE 2023 FLORIDA BUILDING CODE.

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S2.2



Walter P Moore and Associates, Inc.
300 South Orange, Suite 1200
Orlando, FL 32801

**walter
moore**

407.418.2218

Project Name:

RIVERGATE PARKING GARAGE LEVEL B1 REPAIRS

Client :

CITY OF TAMPA

Issues/Revisions :

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Approved By : WW	Checked By : AB

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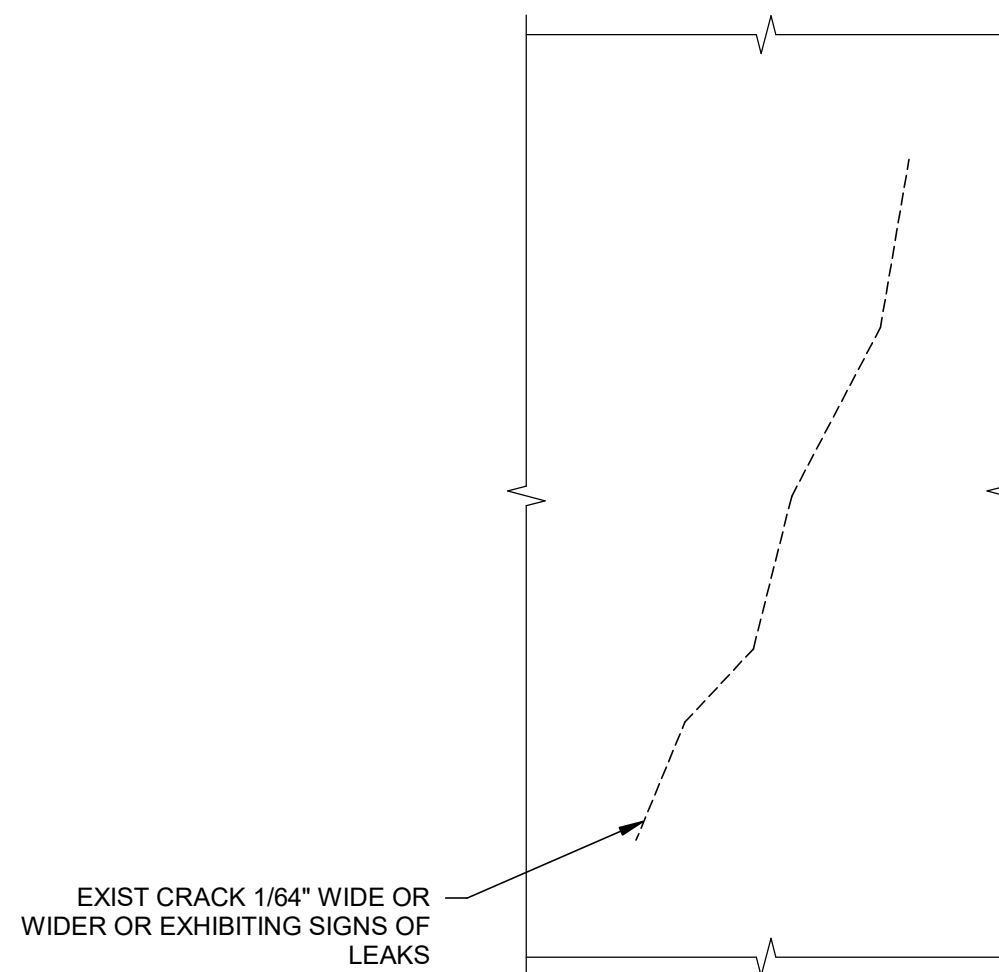
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S2.3



SLAB SOFFIT PLAN

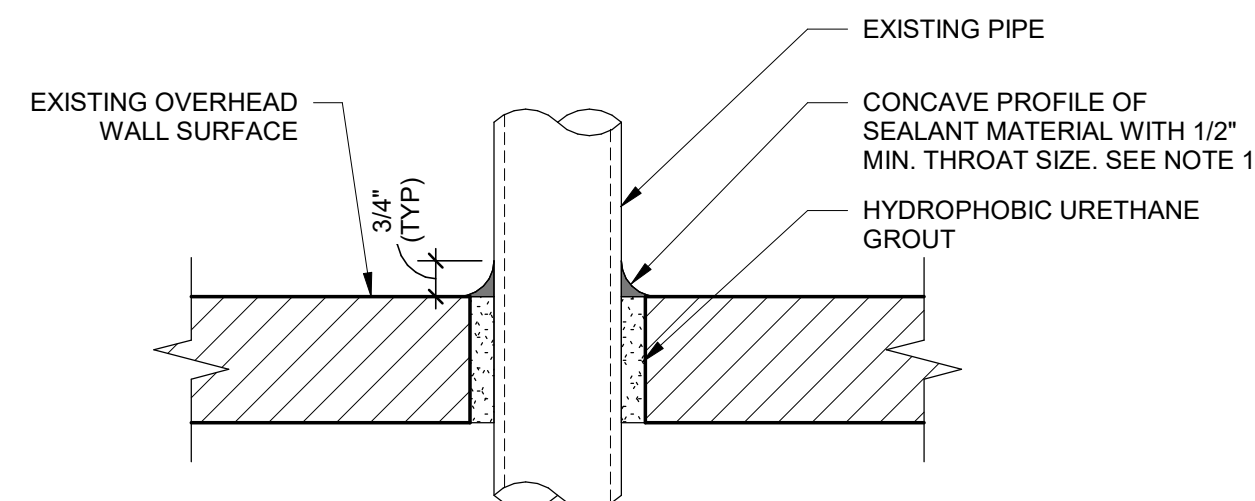
NOTES:

1. SOUND AREA AROUND CRACKS. IF THE CRACKED AREA IS SPALLED, PERFORM CONCRETE REPAIR PER APPROPRIATE TASK ITEM, AS DETERMINED BY THE ENGINEER.
2. INJECT OVERHEAD CRACKS 1/64" WIDE OR WIDER OR EXHIBITING SIGNS OF LEAKS WHERE REFERENCED ON PLAN SHEETS. REFER TO SPECIFICATIONS FOR PRODUCTS AND PROCEDURES.
3. SEAL SURFACE OF CRACK PRIOR TO INJECTION.
4. INSERT PACKERS INTO DRILLED HOLE SO THAT TOP OF RUBBER SLEEVE IS BELOW CONCRETE SURFACE.
5. AFTER INJECTION PROCEDURE IS COMPLETE, REMOVE PACKER AND FITTINGS FROM HOLE AND REMOVE EXCESS GROUT FROM SLAB SURFACE.
6. PATCH REMAINING HOLES WITH TROWEL APPLIED MORTAR, FILL ENTIRE HOLE FLUSH WITH SURFACE OF SLAB TO MATCH EXISTING CONDITION.

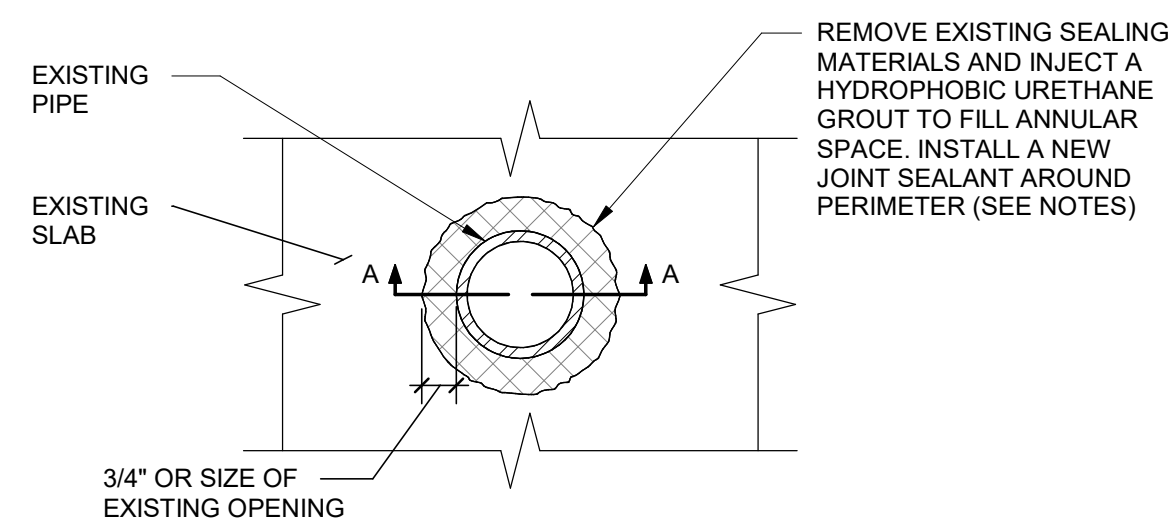
3 OVERHEAD CHEMICAL GROUT INJECTION

NO SCALE

(TASK ITEM 7.6)



SECTION "A-A"



PLAN

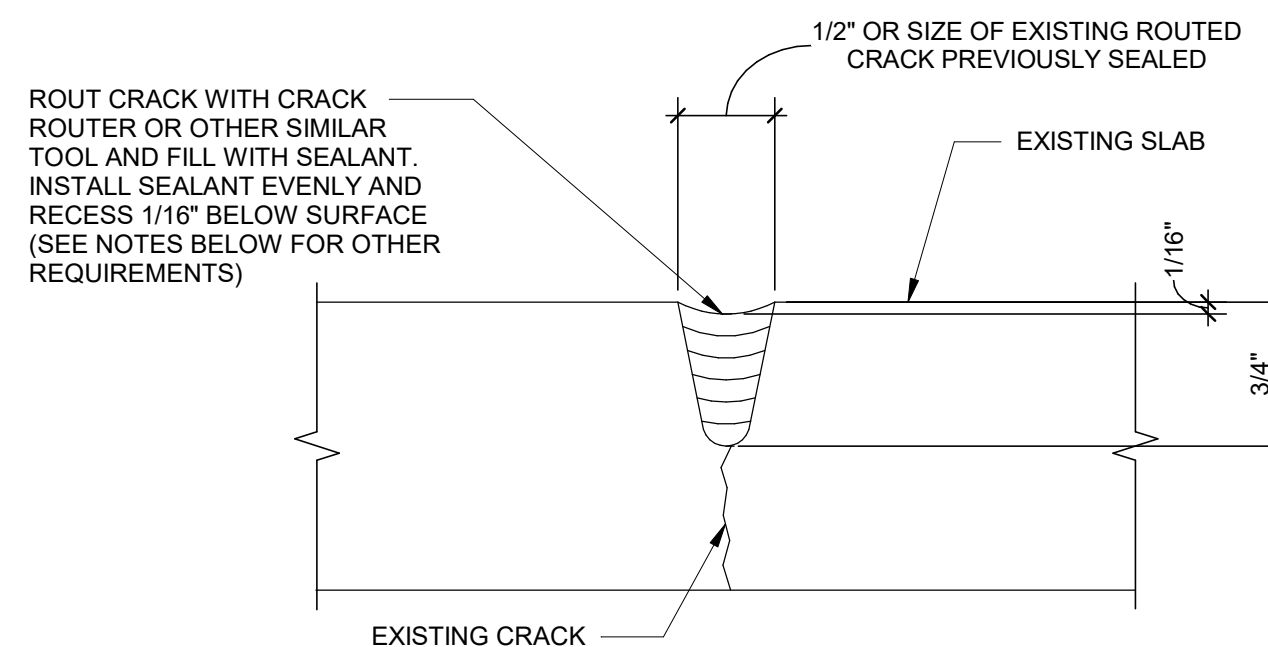
NOTES:

1. CLEAN AND COAT EXISTING IRON/STEEL DRAIN PIPES.
2. CLEAN EXISTING JOINT OF DEBRIS, DUST AND CONTAMINANTS.
3. REFER TO SPECIFICATIONS FOR SEALANT TYPE AND OTHER REQUIREMENTS.
4. SEAL SURFACE (GARAGE SIDE) OF GAP AROUND PIPE PRIOR TO GROUT INJECTION.
5. IF GAP EXCEEDS 1/2" CONTRACTOR SHALL USE PIPE FLASHING TO SEAL PENETRATION. SUBMIT PIPE FLASHING MATERIAL TO ENGINEER FOR REVIEW AND APPROVAL.

1 SEAL PIPE PENETRATIONS

NO SCALE

(TASK ITEM 9.10)



NOTES:

1. REMOVE EXISTING JOINT SEALANT MATERIAL IF PRESENT.
2. CLEAN ROUTED CRACK BEFORE FILLING WITH SEALANT SUCH THAT THERE ARE NO OLD RESIDUAL MATERIALS, DUST AND CONTAMINANTS.
3. DO NOT OVERFILL THE ROUTED CAVITY.
4. **SPECIAL CASE:** IF TRAFFIC COATING WILL BE APPLIED, INSTALL SEALANT FLUSH WITH CONCRETE SURFACE.
5. USE MAGNETIC REBAR LOCATOR OR OTHER NON-DESTRUCTIVE METHOD TO DETERMINE LOCATION OF REINFORCEMENT. NOTIFY ENGINEER IF DEPTH OF ROUTED JOINT INTERFERES WITH REINFORCEMENT PRIOR TO ROUTING THE CRACK. DO NOT NICK OR CUT EXISTING REINFORCEMENT.
6. REFER TO SPECIFICATIONS FOR SEALANT TYPE AND OTHER REQUIREMENTS.
7. **SLAB IS POST-TENSIONED. USE NON-DESTRUCTIVE METHODS TO LOCATE REINFORCING PRIOR TO ROUTING. SPECIAL CARE MUST BE TAKEN TO NOT DAMAGE EXISTING POST-TENSIONING TENDONS.**

2 CRACK REPAIR

NO SCALE

(TASK ITEM 7.1)

SEAL ALL EXISTING LEAKING
PIPING AND/OR PENETRATIONS



REPRESENTATIVE PHOTOS



REPRESENTATIVE PHOTO

NOTES:
1. REPAINT STAIRWELLS TO MATCH EXISTING COLOR, IF APPLICABLE.

2

REPLACE DAMAGED PAINT FINISHES

NO SCALE

(TASK ITEM 10.2)



REPRESENTATIVE PHOTO

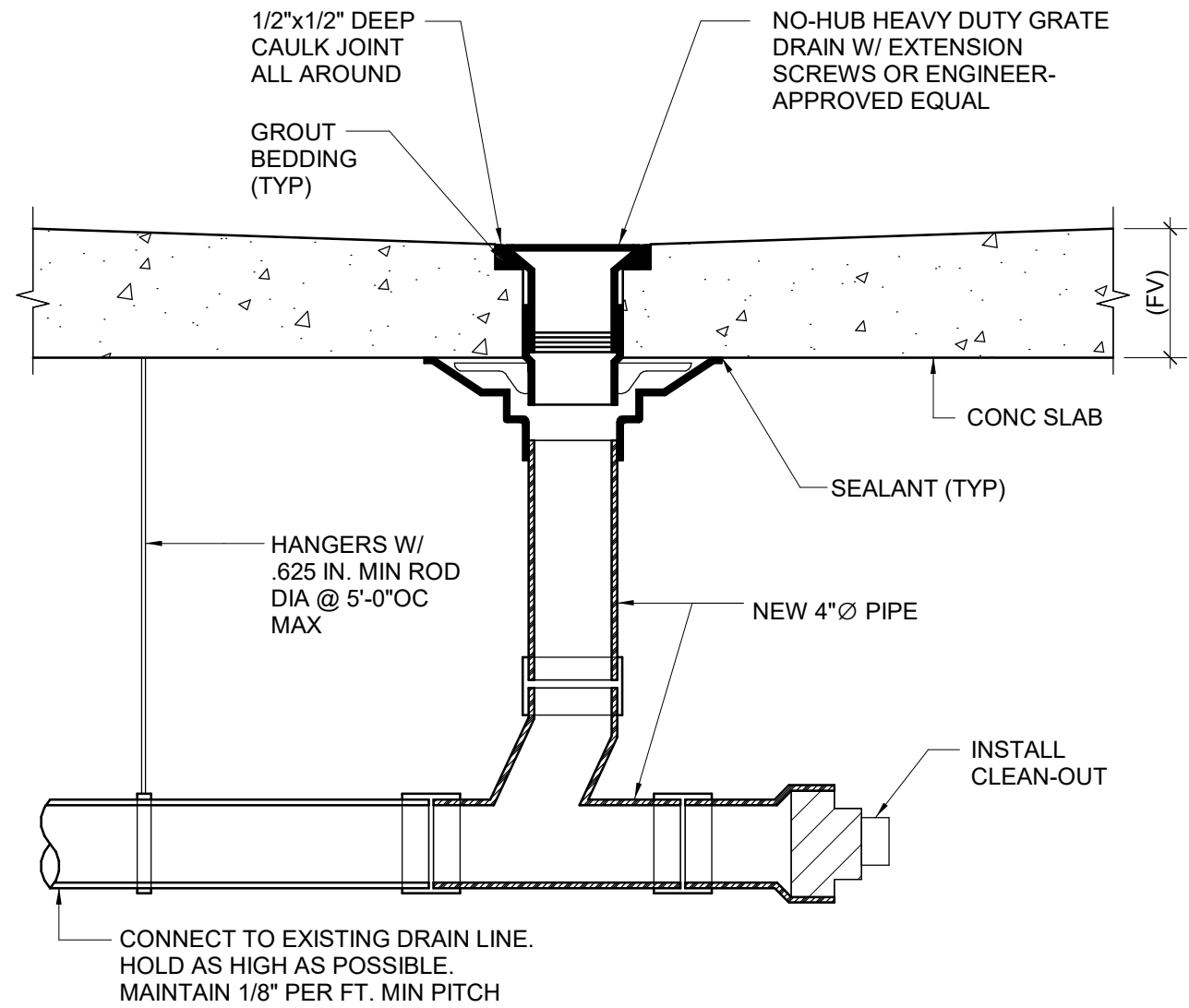
NOTES:
1. FOLLOW SPECIFICATION 05 01 10 FOR STEEL FIELD RECOATING.

1

CLEAN AND COAT STEEL

NO SCALE

(TASK ITEM 10.1)



NOTES:
1. ALL MATERIALS SHALL BE IN ACCORDANCE WITH PREVAILING BUILDING ORDINANCES.
2. INSTALL ADJUSTABLE HANGERS AS REQUIRED, VERIFY MINIMUM HEIGHT RESTRICTIONS OF PREVAILING BUILDING ORDINANCES PRIOR TO INSTALLATION.
3. USE NON-DESTRUCTIVE TESTING DEVICE TO LOCATE EMBEDDED STEEL AND POST-TENSIONING TENDONS BEFORE CORING THROUGH ANY CONCRETE STRUCTURAL ELEMENTS.

3

SUPPLEMENTAL DRAIN INSTALLATION

NO SCALE

(TASK ITEM 11.1)

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