

# WO 4 TAMPA POLICE DEPARTMENT PARKING GARAGE HIGH PRIORITY REPAIRS TAMPA, FLORIDA



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

**walter  
moore**

407.418.2218  
Certificate of Authorization No. 3818

Project Name:

**WO 4 TAMPA POLICE DEPARTMENT PARKING GARAGE HIGH PRIORITY REPAIRS**

Client :

CITY OF TAMPA

Issues/Revisions :

### PERMIT SET

No.	Date	Description
1	2/3/20	Issued for Owner Review
2	4/5/20	Issued for Bid
3	5/19/20	Issued for Permit

Project Number : D07.19060.01  
Approved By : WW  
Drawn By : AZ  
Checked By : AB

Certification  
TO THE BEST OF THE ENGINEER'S KNOWLEDGE,  
THE PLANS AND SPECIFICATIONS COMPLY WITH  
THE 2017 FLORIDA BUILDING CODE.

Seal and Signature :

E. Webb Wright, P.E.  
Professional Engineer No. 57639  
Copyright (c) 2020 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 foregoing 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 :

## COVER SHEET

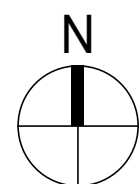
Filename :

Sheet No. :

# S0.0



PROJECT LOCATION



SITE PLAN



SHEET LIST	
SHEET NUMBER	SHEET NAME
S0.0	COVER SHEET
S0.1	GENERAL NOTES
S0.2	GENERAL NOTES
S1.1	PLAN - LEVEL 1
S1.2	PLAN - LEVEL 2
S1.3	PLAN - LEVEL 3
S1.4	PLAN - LEVEL 4
S1.5	PLAN - LEVEL 5
S2.0	DETAILS
S2.1	DETAILS
S2.2	DETAILS

\\ORL-SERVER\Projects\2019\19060-01 - COT TPD High Priority WO 4-3-Documentation\Drawings\Revit Structure\D07.19060.01 - TPD Repairs.rvt

# GENERAL NOTES



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

407.418.2218  
Certificate of Authorization No. 3818

Project Name:

## WO 4 TAMPA POLICE DEPARTMENT PARKING GARAGE HIGH PRIORITY REPAIRS

Client :

### CITY OF TAMPA

Issues/Revisions :

#### PERMIT SET

No.	Date	Description
1	2/3/20	Issued for Owner Review
2	4/5/20	Issued for Bid
3	5/19/20	Issued for Permit

Project Number : D07.19060.01  
Approved By : WW  
Drawn By : AZ  
Checked By : AB

#### Certification

TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE 2017 FLORIDA BUILDING CODE.

Seal and Signature :

E. Webb Wright, P.E.  
Professional Engineer No. 57639

Copyright (c) 2020 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 foregoing 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 :

# GENERAL NOTES

Filename :

Sheet No. :

# S0.1

## PART I - DESIGN CRITERIA

- A. GENERAL BUILDING CODE
- THE REPAIR DOCUMENTS ARE BASED ON THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2017 (6TH EDITION).

## PART II - NON-DESTRUCTIVE EVALUATION

- A. ITEMS EMBEDDED IN CONCRETE STRUCTURES
- ITEMS EMBEDDED IN CONCRETE STRUCTURES SHALL NOT BE DAMAGED DURING REPAIR WORK OR INSTALLATION OF NEW MEMBERS REQUIRING POST-INSTALLED ANCHORS. EMBEDDED ITEMS MAY INCLUDE MILD REINFORCEMENT, PRESTRESSING REINFORCEMENT, DOWELS, EMBEDDED CONNECTIONS, ELECTRICAL CONDUITS, PLUMBING, ETC.
  - ITEMS EMBEDDED IN CONCRETE SHALL BE LOCATED BY NON-DESTRUCTIVE EVALUATION PRIOR TO PERFORMING ANY WORK. CONTRACTOR SHALL MARK ON THE STRUCTURE THE LOCATION OF EMBEDDED ITEMS AND PROVIDE A REPORT TO THE ENGINEER.
  - ENGINEER MAY REQUIRE A PARTICULAR NON-DESTRUCTIVE EVALUATION METHOD FOR THE LOCATION OF EMBEDDED ITEMS.

## PART III - CONCRETE REPAIRS

- A. CONCRETE REPAIR MATERIALS
- ALL CONCRETE SHALL CONFORM TO THE REQUIREMENTS AS SPECIFIED IN SPECIFICATION SECTION "CONCRETE REPAIR MATERIALS."
- B. REINFORCING STEEL
- ALL REINFORCING STEEL SHALL BE ASTM A 615 GRADE 60 UNLESS NOTED OTHERWISE ON THE DRAWINGS OR IN THESE NOTES.
- C. REINFORCING STEEL COVERAGE
- REINFORCING STEEL COVERAGE SHOULD CONFORM TO THE REQUIREMENTS SPECIFIED ON THE DRAWINGS. COVER SPECIFIED SHALL BE CONSIDERED MINIMUM. HOWEVER EXISTING REINFORCEMENT MAY HAVE A SMALLER COVER THAN SPECIFIED IN DRAWING DETAILS. CONCRETE PATCHES CAN BE BUILT UP TO PROVIDE THE REQUIRED COVER AS LONG AS THE PATCH APPEARANCE IS ACCEPTABLE TO OWNER AND IT DOES NOT REPRESENT A TRIPPING HAZARD TO PEDESTRIANS OR A BUMP TO VEHICLES. COVER IN STRUCTURAL MEMBERS NOT SPECIFIED IN THE DETAILS SHALL CONFORM TO THE REQUIREMENTS OF ACI 318 UNLESS SPECIFIED OTHERWISE ON THE DRAWINGS.

## PART IV - SHORING

- A. GENERAL
- SHORING DESIGN IN THESE DRAWINGS IS AN INTERIM, TEMPORARY MEASURE TO PROVIDE SUPPLEMENTAL GRAVITY SUPPORT TO THE AREA AFFECTED BY CORBEL REPAIRS (TASK ITEM 5.2).
  - THESE DRAWINGS INDICATE SHORING PERFORMANCE REQUIREMENTS AND LOCATION OF SHORING FOR CORBEL REPAIRS (TASK ITEM 5.2). THE DETAILS SHOWN IN THE DRAWINGS ARE CONCEPTUAL IN NATURE TO INDICATE THE INTENDED MEANS OF SUPPORTING THE INDICATED MEMBERS BY THE SHORES. THE FINAL DESIGN OF THE SHORING TO MEET THESE REQUIREMENTS SHALL BE RESPONSIBILITY OF THE SHORING CONTRACTOR AND SHALL BE PERFORMED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED.
  - THE SHORING CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND DESIGN CALCULATIONS OF THE SHORING TO THE ENGINEER FOR REVIEW BEFORE EXECUTING THE INSTALLATION. THE SHOP DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. SHOP DRAWINGS SHALL INCLUDE THE FOLLOWING ELEMENTS:
    - SHORING POSTS, TOWERS, BEAMS, AND/OR FRAMES.
    - DETAILS OF ATTACHMENT OF SHORING POSTS TO SUPPORTING STRUCTURAL MEMBERS.
    - DETAILS OF SHORING POST BASE PLATES.
- B. DESIGN CRITERIA
- SHORING SHALL BE DESIGN FOR A TOTAL SERVICE (UNFACTORED) LOAD OF **18,600 LBS** PER LOCATION. PROVIDE A MINIMUM SAFETY FACTOR OF 2.0 FOR SHORING DESIGN. REFER TO DRAWINGS FOR REQUIRED RATED CAPACITIES OF INDIVIDUAL SHORING ELEMENTS.
  - THE REQUIRED RATED CAPACITY OF THE SHORING INDICATED IN THE DRAWINGS SHALL CONSIDER THE HEIGHT OF THE SHORING UNDER THE DOUBLE TEE MEMBERS OR BEAMS BEING SHORED WHEN THE SHORES ARE EXTENDED IN PLACE.
  - CONSTRUCTION LOADS (EQUIPMENT, MATERIALS, AND WORKERS) ON THE WORK AREA SHALL NOT EXCEED 20 PSF.
  - THE AREA BEING SHORED SHALL NOT BE OPEN TO VEHICLES AND THE PUBLIC DURING CONSTRUCTION ACTIVITIES.

## PART IV - SHORING (CONT'D)

- C. INSTALLATION OF SHORING
- PRIOR TO CORBEL REPAIR, TEMPORARILY CLOSE THE PARKING STALLS ON DOUBLE TEES TO SUPPORT SHORING AND OVER THE DOUBLE TEE TO BE SUPPORTED THAT BEARS ON THE CORBEL TO BE REPAIRED.
  - PROVIDE TEMPORARY SHORING AT DOUBLE TEE STEM THAT BEARS ON CORBEL.
  - SHORING SHALL HAVE AN ALLOWABLE (SERVICE) LOAD RATING OF 18,600 POUNDS WHEN INSTALLED AND SHALL BE VERTICALLY ALIGNED AND SUPPORTED BY THE DOUBLE TEE STEMS OF THE TWO LEVELS IMMEDIATELY BELOW THE DOUBLE TEE WHERE THE CORBEL REPAIR IS TO TAKE PLACE.
  - THE SPECIFIED SHORING CAPACITY INCLUDES AN ALLOWANCE OF 20 POUNDS PER SQUARE FOOT (PSF) FOR CONSTRUCTION LIVE LOAD WHICH MAY BE USED BY THE CONTRACTOR FOR WORK BEING PERFORMED ON ONLY ONE LEVEL AT A TIME WITHIN THE TEMPORARY CLOSURE AREA.
  - CONTRACTOR SHALL ASSURE THAT CONSTRUCTION LOADS WITHIN THE TEMPORARY CLOSURE AREAS DO NOT EXCEED 20 PSF WHILE SHORING IS IN PLACE.
  - SHORING SHALL BE PUT IN PLACE PRIOR TO PERFORMING THE REPAIRS INDICATED IN THE DRAWINGS.
  - SHORING SHALL REMAIN IN PLACE DURING REPAIRS AND SHALL NOT BE REMOVED UNTIL ALL REPAIRS HAVE BEEN COMPLETED.
  - SHORES SHALL BE INSTALLED SNUG TIGHT ONLY AGAINST THE DOUBLE TEE MEMBER BEING SHORED. DO NOT RELIEVE LOAD FROM THE EXISTING STRUCTURE.
  - ALL SHORE POSTS MUST BE INSTALLED VERTICALLY PLUMB. PROVIDE BRACING BETWEEN ADJACENT SHORE POSTS AS REQUIRED FOR STABILITY. INSTALL SHORE POST BRACING PER MANUFACTURER'S SPECIFICATIONS.
  - SHORE POSTS SHALL BE LOCATED UNDER THE MEMBERS SHOWN IN THE DRAWINGS AND POSITIONED SO THAT THE LOAD IS TRANSFERRED DIRECTLY TO THE SUPPORTING STRUCTURAL MEMBERS INDICATED IN THE DRAWINGS. CONTACT ENGINEER IF A SHORE POST CANNOT BE PROVIDED AT A LOCATION INDICATED IN THE DRAWINGS.
  - SHORING POSTS SHALL BE PROVIDED WITH BASE PLATES SO THAT THE LOAD IS UNIFORMLY DISTRIBUTED OVER AN AREA OF 4.0 SQUARE FOOT SECTION OF THE SLAB-ON-GRADE.
  - PROVIDE APPROPRIATE ANCHORAGE AT THE TOP AND BOTTOM OF SHORING ELEMENTS TO PREVENT OVERTURNING OR TIPPING OVER OF SHORE POSTS.
  - SHORED AREAS SHALL BE COMPLETELY BARRICADED TO PROTECT SHORE POSTS FROM VEHICULAR TRAFFIC.
  - IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT EXPOSED STRUCTURAL FINISHED SURFACES (FLOOR, OVERHEAD SLAB, BEAMS, COLUMNS, WALLS, ETC.) DURING INSTALLATION OF SHORING.
  - SHORING LAYOUT SHALL MEET SAFETY AND OPERATION REQUIREMENTS OF THE OWNER.
  - SHORING POSTS DETAILS SHOWN IN DRAWINGS ARE CONCEPTUAL ONLY. ACTUAL SHORING MEMBERS AND CONNECTIONS MAY VARY DEPENDING ON THE SHORING MANUFACTURER'S PROPRIETARY SYSTEM AVAILABLE.
  - SHORING SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

## PART V - SUBMITTALS

- A. SUBMITTAL LIST AND SCHEDULE
- 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:
    - SHOP DRAWINGS
    - DESIGN CALCULATIONS
    - PRODUCT DATA, CERTIFICATES, REPORTS, AND OTHER LITERATURE
- B. SUBMITTALS TO BE PROVIDED TO STRUCTURAL ENGINEER
- PRODUCT SUBMITTALS: IN ADDITION TO THE SUBMITTALS REQUIRED BY THE PROJECT SPECIFICATIONS, THE FOLLOWING SUBMITTALS SHALL BE PROVIDED:
    - CONCRETE REPAIR MATERIALS.
    - CONCRETE PENETRATING SEALER.
    - JOINT SEALANTS (HORIZONTAL, VERTICAL, AND COVE).
    - TRAFFIC COATINGS.
    - STUCCO REPAIR MATERIALS.
    - STEEL COATING MATERIALS.
  - DEFERRED SUBMITTALS:
    - THE FOLLOWING ITEMS ARE CONSIDERED DEFERRED SUBMITTALS BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE:
      - FORMWORK, SHORING, AND BACKSHORING (S&S)

NOTES:

(S&S) ITEMS MARKED THUS SHALL HAVE THE SHOP DRAWINGS AND DELEGATED DESIGN SUBMITTALS (INCLUDING CALCULATIONS) SEALED PER THE PROJECT SPECIFICATIONS BY AN ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED.
    - DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE FORWARDED TO THE BUILDING OFFICIAL.
    - DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.  - SUBMITTAL REQUIREMENTS:
    - ALL SHOP DRAWINGS MUST BE REVIEWED AND ELECTRONICALLY STAMPED BY THE CONTRACTOR PRIOR TO SUBMITTAL.
    - CONTRACTOR SHALL PROVIDE THE SUBMITTAL IN ELECTRONIC PORTABLE DOCUMENT FORMAT (PDF) PER THE SPECIFICATIONS.
    - 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
- 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 VI - MISCELLANEOUS

- A. CONTRACT DOCUMENTS
- 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
  - CONTRACTOR SHALL FULLY AND PROPERLY IMPLEMENT THE ENGINEERING CONTROLS, WORK PRACTICES, AND RESPIRATORY PROTECTION AGAINST TOXIC AND HAZARDOUS SUBSTANCES INCLUDING RESPIRABLE CRYSTALLINE SILICA ACCORDING TO OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION, OSHA 1926.1153. WALTER P MOORE DOES NOT HAVE CONTROL, OVER, CHARGE OF, OR RESPONSIBILITY FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. NOR SHALL WALTER P MOORE BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO PERFORM THE WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
  - 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.
  - 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.
  - REFER TO DRAWINGS OF EXISTING FACILITY (OTHER THAN REPAIR DRAWINGS) FOR COMPLETE INFORMATION INCLUDING: EXPANSION JOINT SYSTEMS, PREVIOUS REPAIRS PERFORMED IN THE FACILITY, PRESENCE OF POST-TENSIONING, LOCATION AND SIZE OF STRUCTURAL MEMBERS (BEAMS, COLUMNS, WALLS, ETC.), SLAB THICKNESS, AND OTHER INFORMATION RELEVANT TO THE PROJECT.
  - WHERE MEMBER LOCATIONS ARE NOT SPECIFICALLY DIMENSIONED, MEMBERS ARE EITHER LOCATED ON COLUMNS LINES OR ARE EQUALLY SPACED BETWEEN LOCATED MEMBERS.
  - 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
- 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.
- C. EXISTING CONDITIONS

- 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.
- 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.
- 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.
- 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.
- THE CONTRACTOR SHALL PERFORM A SURVEY TO LOCATE ALL EXISTING UTILITIES (INCLUDING UNDERGROUND 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 SERVICING 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.
- 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.
- 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 AND CONDITION OF ANY CONSTRUCTION DESIGNATED FOR REMOVAL AND RE-INSTALLATION.
- THE CONTRACTOR SHALL REPAIR ALL DAMAGE CAUSED DURING CONSTRUCTION WITH SIMILAR MATERIALS AND WORKMANSHIP TO RESTORE CONDITIONS TO LEVELS ACCEPTABLE TO THE OWNER.

## PART VI - MISCELLANEOUS (CONT'D)

- E. ADJACENT BUILDINGS AND PROPERTY
- THE 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 CONTRACTOR IS ADVISED TO PERFORM ALL PHOTOGRAPHIC SURVEYS AND OTHER DOCUMENTATION OF THE ADJACENT BUILDINGS BEFORE THE START OF AND DURING CONSTRUCTION.
- F. RESPONSIBILITY OF THE CONTRACTOR FOR STABILITY OF THE STRUCTURE DURING CONSTRUCTION
- REPAIRS OF STRUCTURAL ELEMENTS OF THE PROJECT HAVE BEEN DESIGNED BY THE STRUCTURAL ENGINEER TO RESIST THE REQUIRED CODE VERTICAL AND LATERAL FORCES THAT COULD OCCUR IN THE FINAL REPAIRED STRUCTURE ONLY. THE ABILITY OF THE STRUCTURAL FRAME TO RESIST THE REQUIRED CODE FORCES DERIVES FROM THE COMPLETE INSTALLATION OF THE REPAIRS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL REQUIRED BRACING DURING CONSTRUCTION TO MAINTAIN THE STABILITY AND SAFETY OF ALL STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PROCESS UNTIL THE REPAIR WORK IS COMPLETELY INSTALLED AND ALL DESIGNATED CONCRETE ELEMENTS (IF ANY) HAVE REACHED A MINIMUM OF 75% OF THEIR DESIGN STRENGTH.
- G. 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 CONSIDERED FOR APPROVAL ONLY IF THE FOLLOWING CRITERIA ARE SATISFIED:
    - A COST SAVINGS TO THE OWNER IS DOCUMENTED AND SUBMITTED WITH THE REQUEST.
    - THE MATERIAL OR PRODUCT HAS BEEN APPROVED BY THE INTERNATIONAL CODE COUNCIL (ICC) AND THE ICC REPORT IS SUBMITTED WITH THE REQUEST.
      - THE ICC ESR THAT IS SUBMITTED MUST REFERENCE THE BUILDING CODE UNDER WHICH THE PROJECT IS PERMITTED.
      - ICC REPORTS THAT HAVE BEEN DISCONTINUED AT THE TIME OF PRODUCT INSTALLATION WILL NOT BE ACCEPTED.
  - SUBMITTALS NOT SATISFYING THE ABOVE CRITERIA WILL NOT BE CONSIDERED.
- H. 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.
  - 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.
- I. MAINTENANCE STATEMENT
- 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.

\\ORL-SERVR\Projects\072019\19060-01\_COT TPD High Priority WO 43-Documentation\Drawings\Revit Structure\D07.19060.01\_TPD Repairs.rvt

# GENERAL NOTES



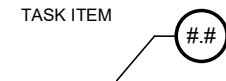
Walter P Moore and Associates, Inc.  
300 South Orange, Suite 1200  
Orlando, FL 32801

**walter  
p moore**

407.418.2218  
Certificate of Authorization No. 3818

## PART 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 APPLICABILITY OF THESE "TYPICAL" VIEWS SHALL BE DETERMINED BY THE STRUCTURAL ENGINEER.
- B. STRUCTURAL ABBREVIATIONS, SYMBOLS, AND NOTATIONS
- |       |                          |
|-------|--------------------------|
| CSP   | CONCRETE SURFACE PROFILE |
| CONC  | CONCRETE                 |
| EXIST | EXISTING                 |
| FV    | FIELD VERIFY             |
| MIN   | MINIMUM                  |
| MAX   | MAXIMUM                  |
| REINF | REINFORCING STEEL        |
| TI    | TASK ITEM                |
| TYP   | TYPICAL                  |
| UNO   | UNLESS NOTED OTHERWISE   |



### TASK ITEMS TABLE

TASK ITEM NO.	DESCRIPTION
2.1	CONCRETE TOPPING REPAIR
3.1	OVERHEAD SLAB REPAIR
3.5	CONCRETE BEAM REPAIR
4.2	BUMPER WALL REPAIR
4.3	GROUT POCKET REPAIR
5.1	COLUMN REPAIR
5.2	CORBEL REPAIR
7.1	CRACK REPAIR
7.3	JOINT SEALANT REPLACEMENT
7.5	COVE SEALANT INSTALLATION
7.7	TRAFFIC TOPPING - NEW SYSTEM
7.9	TRAFFIC TOPPING - RECOAT
7.10	CONCRETE PENETRATING SEALER
8.2	CMU REPLACEMENT
8.6	STUCCO WALL REPAIR
10.5	CLEAN AND COAT CORRODED STEEL

Project Name:

**WO 4 TAMPA POLICE  
DEPARTMENT PARKING  
GARAGE HIGH PRIORITY  
REPAIRS**

Client :

CITY OF TAMPA

Issues/Revisions :

### PERMIT SET

No.	Date	Description
1	2/3/20	Issued for Owner Review
2	4/5/20	Issued for Bid
3	5/19/20	Issued for Permit

Project Number : D07.19060.01	Drawn By : AZ
Approved By : WW	Checked By : AB

Certification  
TO THE BEST OF THE ENGINEER'S KNOWLEDGE,  
THE PLANS AND SPECIFICATIONS COMPLY WITH  
THE 2017 FLORIDA BUILDING CODE.

Seal and Signature :

E. Webb Wright, P.E.  
Professional Engineer No. 57639  
Copyright (c) 2020 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 :

## GENERAL NOTES

Filename :

Sheet No. :

# S0.2

\\ORL-SERVER\Projects\Projects\2019\19060-01\_COT TPD High Priority WO 413-Documentation\Drawings\Revit Structure\D07.19060.01\_TPD Repairs.rvt



Project Name:

**WO 4 TAMPA POLICE  
DEPARTMENT PARKING  
GARAGE HIGH PRIORITY  
REPAIRS**

Client :

**CITY OF TAMPA**

Issues/Revisions :

**PERMIT SET**

No.	Date	Description
1	2/3/20	Issued for Owner Review
2	4/5/20	Issued for Bid
3	5/19/20	Issued for Permit

Project Number : D07.19060.01  
 Approved By : Approver  
 Drawn By : Author  
 Checked By : Checker

Certification  
 TO THE BEST OF THE ENGINEER'S KNOWLEDGE,  
 THE PLANS AND SPECIFICATIONS COMPLY WITH  
 THE 2017 FLORIDA BUILDING CODE.

Seal and Signature :

E. Webb Wright, P.E.  
 Professional Engineer No. 57639  
 Copyright (c) 2020 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.

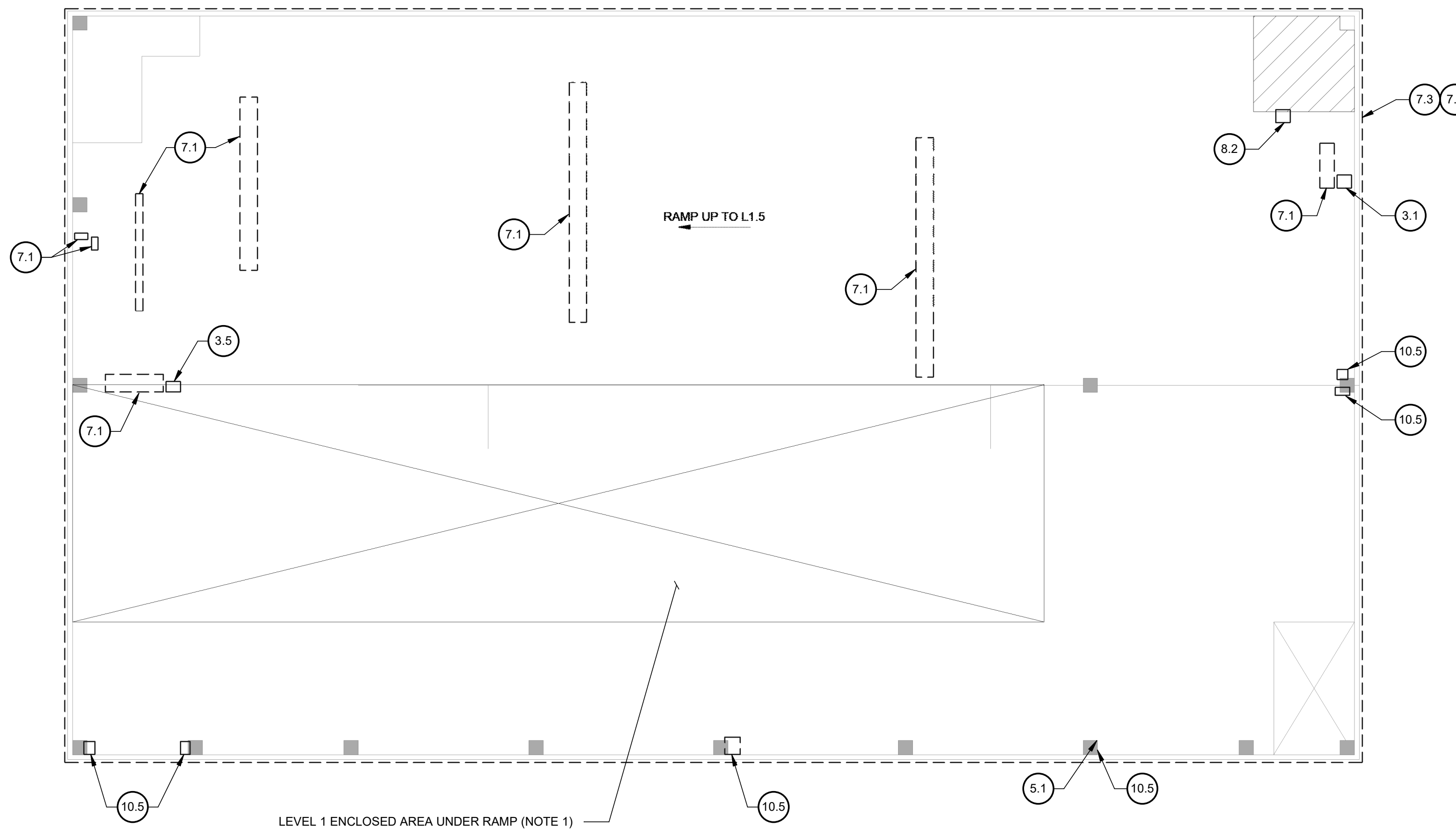
Drawing Title :

**PLAN - LEVEL 1**

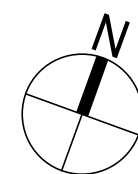
Filename :

Sheet No. :

**S1.1**



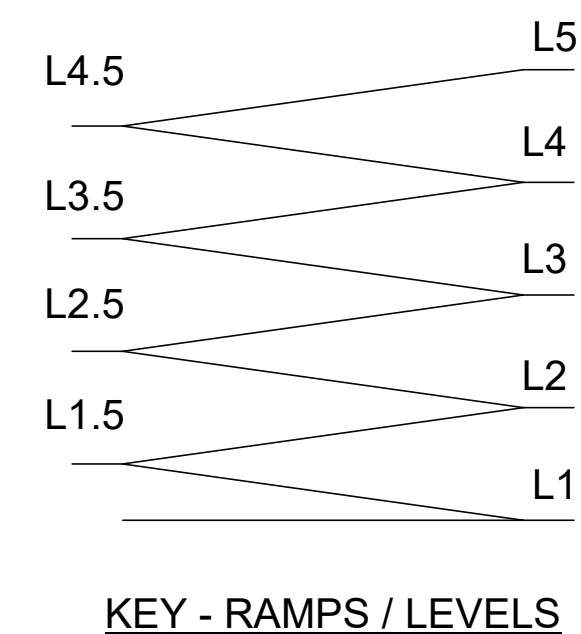
- NOTES:  
 1. ENCLOSED AREA NOT PART OF SCOPE OF WORK.  
 2. INSTALL COVE SEALANT PER TASK ITEM 7.5 AT ALL INTERSECTIONS OF VERTICAL SURFACES (i.e. WALLS, COLUMNS) WITH FLOOR SLAB.



**1**

**PLAN - LEVEL 1**

NO SCALE



\\ORL-SERVER\Projects\2019\19060-01 - COT TPD High Priority WO 4 Tampa Police Department Parking Garage High Priority Repairs.rvt





Project Name:

**WO 4 TAMPA POLICE  
DEPARTMENT HIGH PRIORITY  
GARAGE REPAIRS**

Client :

**CITY OF TAMPA**

Issues/Revisions :

**PERMIT SET**

No.	Date	Description
1	2/3/20	Issued for Owner Review
2	4/5/20	Issued for Bid
3	5/19/20	Issued for Permit

Project Number : D07.19060.01  
 Drawn By : AZ  
 Approved By : WW  
 Checked By : AB

Certification  
 TO THE BEST OF THE ENGINEER'S KNOWLEDGE,  
 THE PLANS AND SPECIFICATIONS COMPLY WITH  
 THE 2017 FLORIDA BUILDING CODE.

Seal and Signature :

E. Webb Wright, P.E.  
 Professional Engineer No. 57639  
 Copyright (c) 2020 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 foregoing 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.

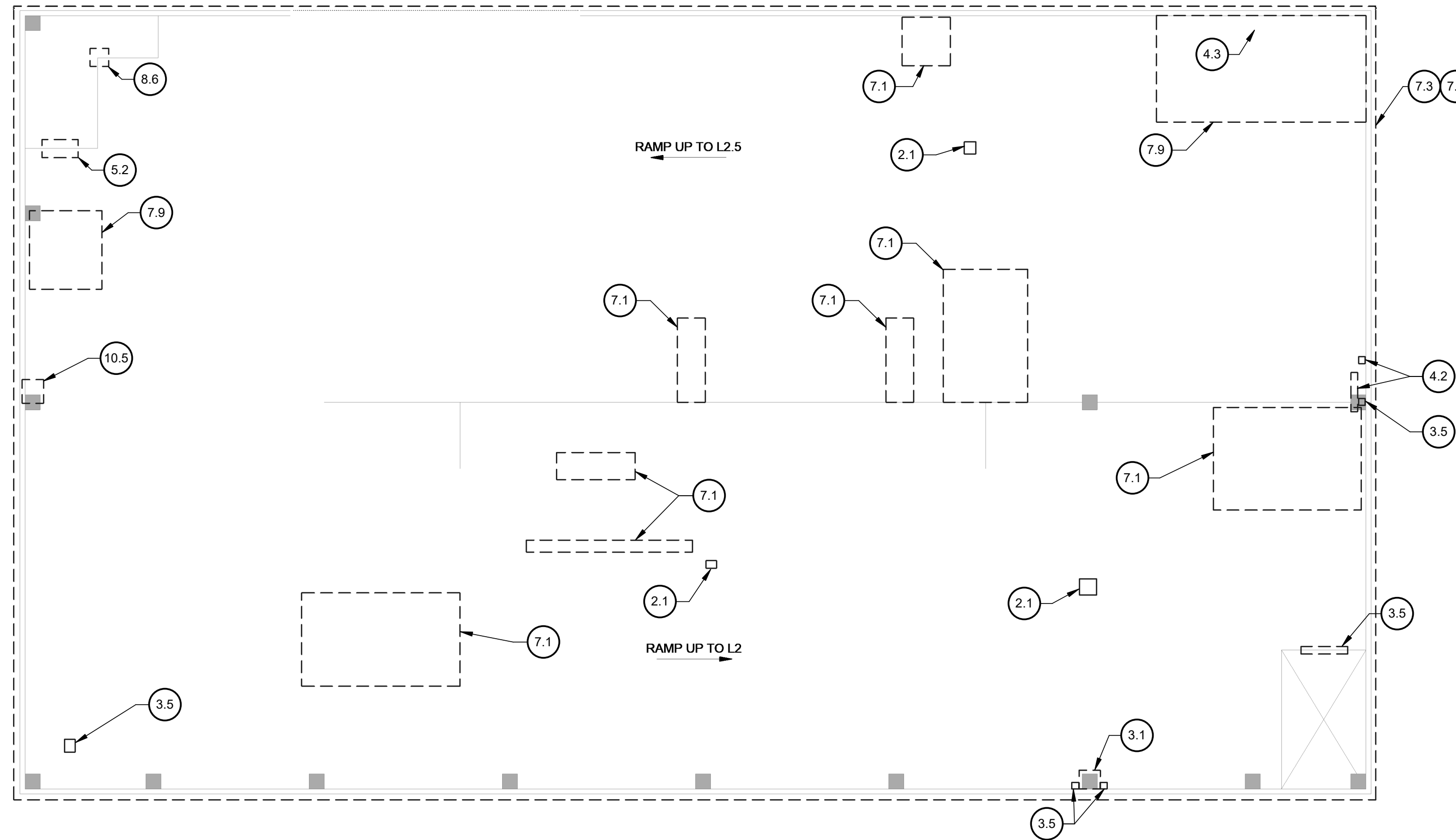
Drawing Title :

**PLAN - LEVEL 2**

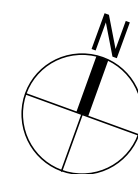
Filename :

Sheet No. :

**S1.2**



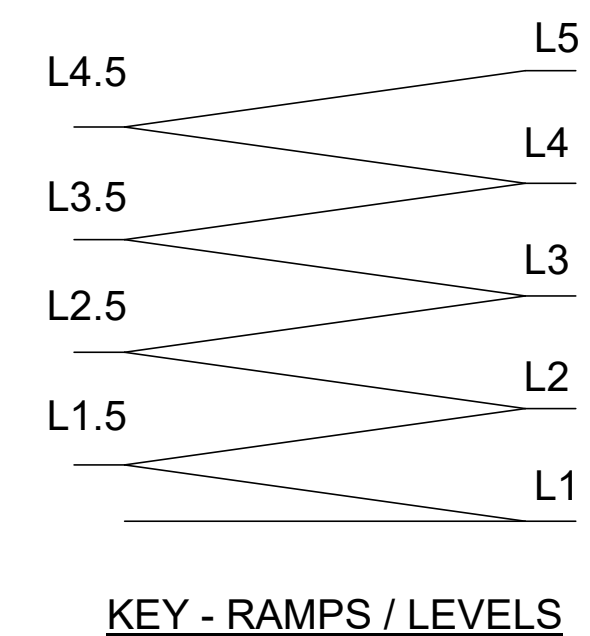
NOTES:  
 1. INSTALL COVE SEALANT PER TASK ITEM 7.5 AT ALL INTERSECTIONS OF VERTICAL SURFACES (i.e. WALLS, COLUMNS) WITH FLOOR SLAB.



**1**

**PLAN - LEVEL 2**

NO SCALE



\\ORL-SERVER\Projects\2019\19060-01 - COT TPD High Priority WO 4-3-Documentation\Drawings\Revit Structure\D07.19060.01 - TPD Repairs.rvt



Project Name:

**WO 4 TAMPA POLICE  
DEPARTMENT HIGH PRIORITY  
GARAGE REPAIRS**

Client :

**CITY OF TAMPA**

Issues/Revisions :

**PERMIT SET**

No.	Date	Description
1	2/3/20	Issued for Owner Review
2	4/5/20	Issued for Bid
3	5/19/20	Issued for Permit

Project Number : D07.19060.01	Drawn By : AZ
Approved By : WW	Checked By : AB

Certification  
TO THE BEST OF THE ENGINEER'S KNOWLEDGE,  
THE PLANS AND SPECIFICATIONS COMPLY WITH  
THE 2017 FLORIDA BUILDING CODE.

Seal and Signature :

E. Webb Wright, P.E.  
Professional Engineer No. 57639  
Copyright (c) 2020 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 foregoing 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.

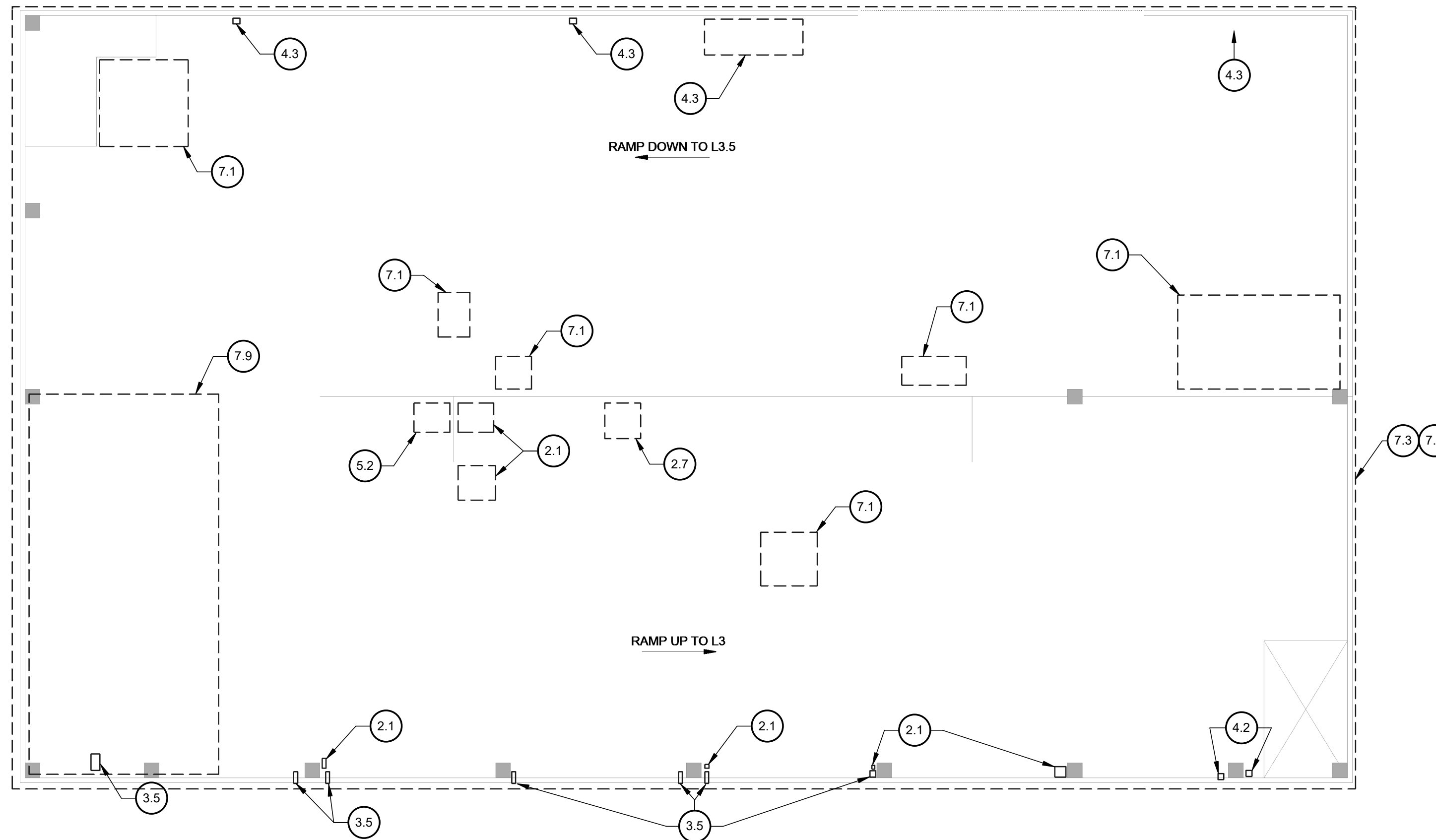
Drawing Title :

**PLAN - LEVEL 3**

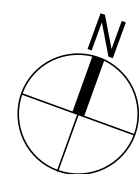
Filename :

Sheet No. :

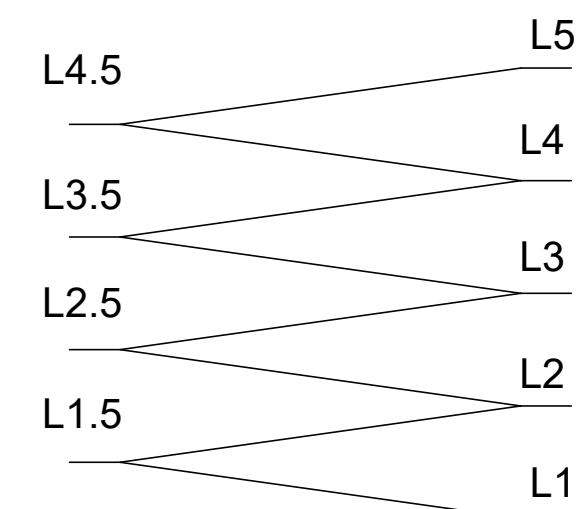
**S1.3**



NOTES:  
1. INSTALL COVE SEALANT PER TASK ITEM 7.5 AT ALL INTERSECTIONS OF VERTICAL SURFACES (i.e. WALLS, COLUMNS) WITH FLOOR SLAB.



**1 PLAN - LEVEL 3**  
NO SCALE



**KEY - RAMPS / LEVELS**

\\ORL-SERVER\Projects\Projects\2019\19060-01\_COT TPD High Priority WO 4 Tampa Police Department\Drawings\Revit Structure\D07.19060.01\_TPD Repairs.rvt



Project Name:

**WO 4 TAMPA POLICE  
DEPARTMENT HIGH PRIORITY  
GARAGE REPAIRS**

Client :

**CITY OF TAMPA**

Issues/Revisions :

**PERMIT SET**

No.	Date	Description
1	2/3/20	Issued for Owner Review
2	4/5/20	Issued for Bid
3	5/19/20	Issued for Permit

Project Number :	Drawn By :
D07.19060.01	AZ
Approved By :	Checked By :
WW	AB

Certification  
TO THE BEST OF THE ENGINEER'S KNOWLEDGE,  
THE PLANS AND SPECIFICATIONS COMPLY WITH  
THE 2017 FLORIDA BUILDING CODE.

Seal and Signature :

E. Webb Wright, P.E.  
Professional Engineer No. 57639  
Copyright (c) 2020 by Walter P. Moore and Associates, Inc.

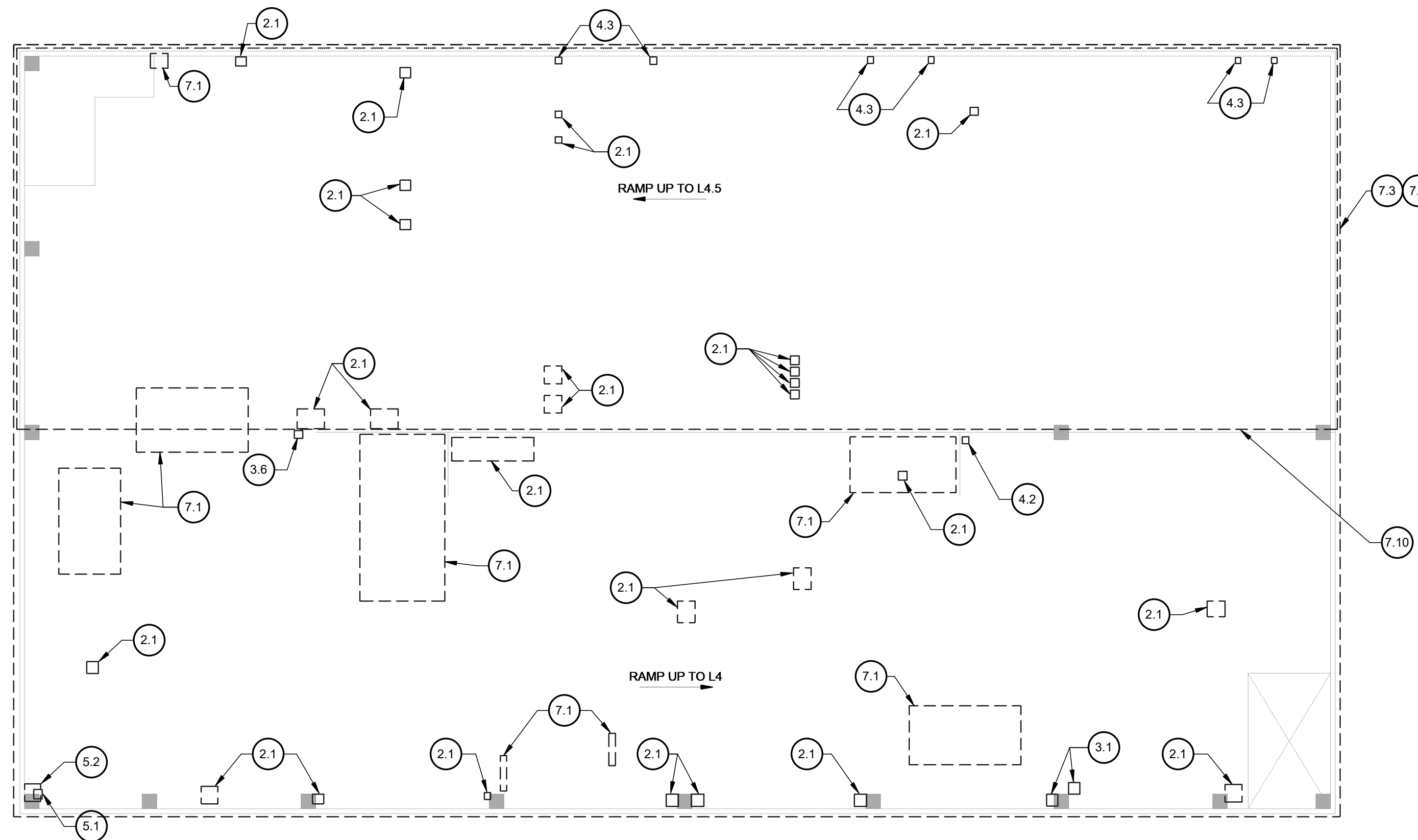
This document and the information herein is the property of Walter P. Moore and Associates, Inc. No part hereof shall be copied, duplicated, distributed, disclosed or used to any extent whatsoever except as expressly authorized by Walter P. Moore and Associates, Inc. Any person, firm, or corporation 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 :

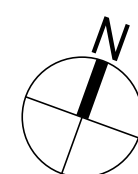
**PLAN - LEVEL 4**

Filename :  
Sheet No. :

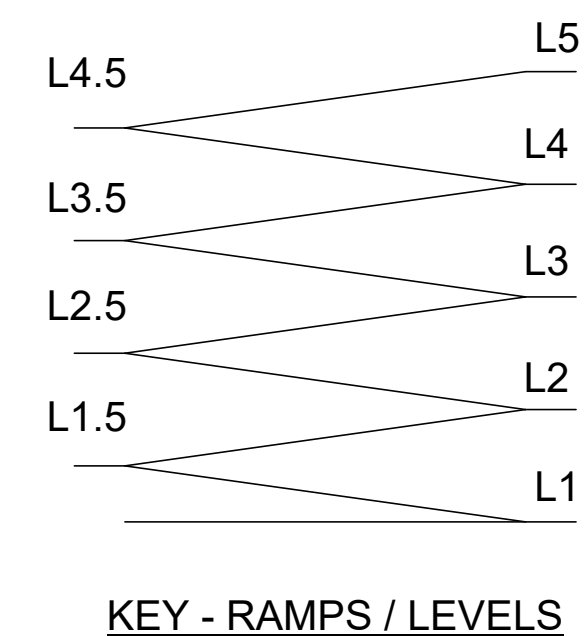
**S1.4**



NOTES:  
1. INSTALL COVE SEALANT PER TASK ITEM 7.5 AT ALL INTERSECTIONS OF VERTICAL SURFACES (i.e. WALLS, COLUMNS) WITH FLOOR SLAB.



**1 PLAN - LEVEL 4**  
NO SCALE





Project Name:

**WO 4 TAMPA POLICE  
DEPARTMENT PARKING  
GARAGE HIGH PRIORITY  
REPAIRS**

Client :

**CITY OF TAMPA**

Issues/Revisions :

**PERMIT SET**

No.	Date	Description
1	2/3/20	Issued for Owner Review
2	4/5/20	Issued for Bid
3	5/19/20	Issued for Permit

Project Number : D07.19060.01	Drawn By : AZ
Approved By : WW	Checked By : AB

Certification  
TO THE BEST OF THE ENGINEER'S KNOWLEDGE,  
THE PLANS AND SPECIFICATIONS COMPLY WITH  
THE 2017 FLORIDA BUILDING CODE.

Seal and Signature :

E. Webb Wright, P.E.  
Professional Engineer No. 57639  
Copyright (c) 2020 by Walter P. Moore and Associates, Inc.

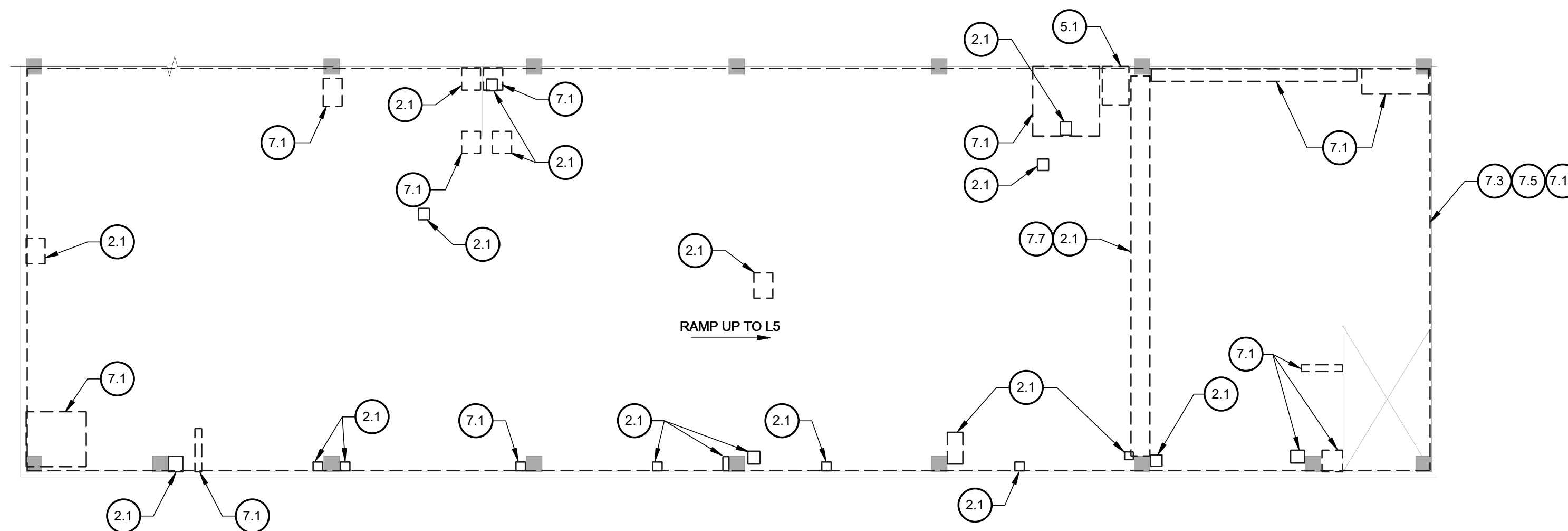
This document and the information herein is the property of Walter P. Moore and Associates, Inc. No part hereof shall be copied, duplicated, distributed, disclosed or used to any extent whatsoever except as expressly authorized by Walter P. Moore and Associates, Inc. Any person, firm, or corporation receiving this document, however obtained, shall by virtue hereof, be deemed to have agreed to the foregoing 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 :

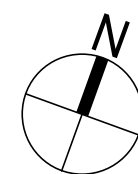
**PLAN - LEVEL 5**

Filename :  
Sheet No. :

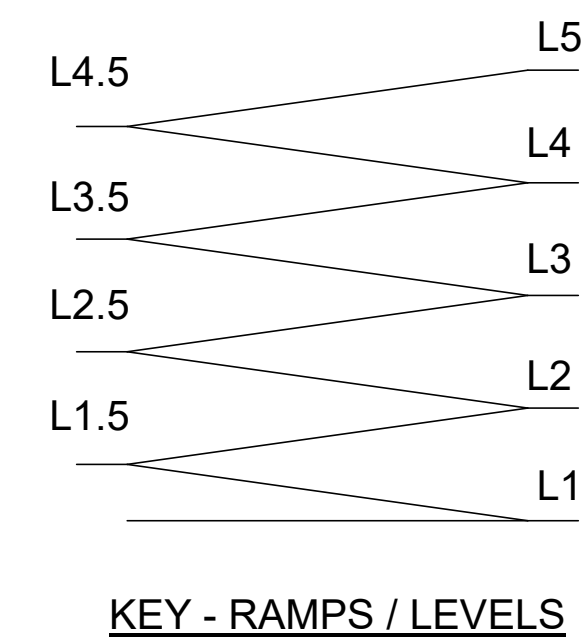
**S1.5**



NOTES:  
1. INSTALL COVE SEALANT PER TASK ITEM 7.5 AT ALL INTERSECTIONS OF VERTICAL SURFACES (i.e. WALLS, COLUMNS) WITH FLOOR SLAB.



**1 PLAN - LEVEL 5**  
NO SCALE







Project Name:

# WO 4 TAMPA POLICE DEPARTMENT PARKING GARAGE HIGH PRIORITY REPAIRS

Client :

## CITY OF TAMPA

Issues/Revisions :

### PERMIT SET

No.	Date	Description
1	2/3/20	Issued for Owner Review
2	4/5/20	Issued for Bid
3	5/19/20	Issued for Permit

Project Number : D07.19060.01  
 Drawn By : AZ  
 Approved By : WW  
 Checked By : AB

Certification  
 TO THE BEST OF THE ENGINEER'S KNOWLEDGE,  
 THE PLANS AND SPECIFICATIONS COMPLY WITH  
 THE 2017 FLORIDA BUILDING CODE.

Seal and Signature :

E. Webb Wright, P.E.  
 Professional Engineer No. 57639  
 Copyright (c) 2020 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.

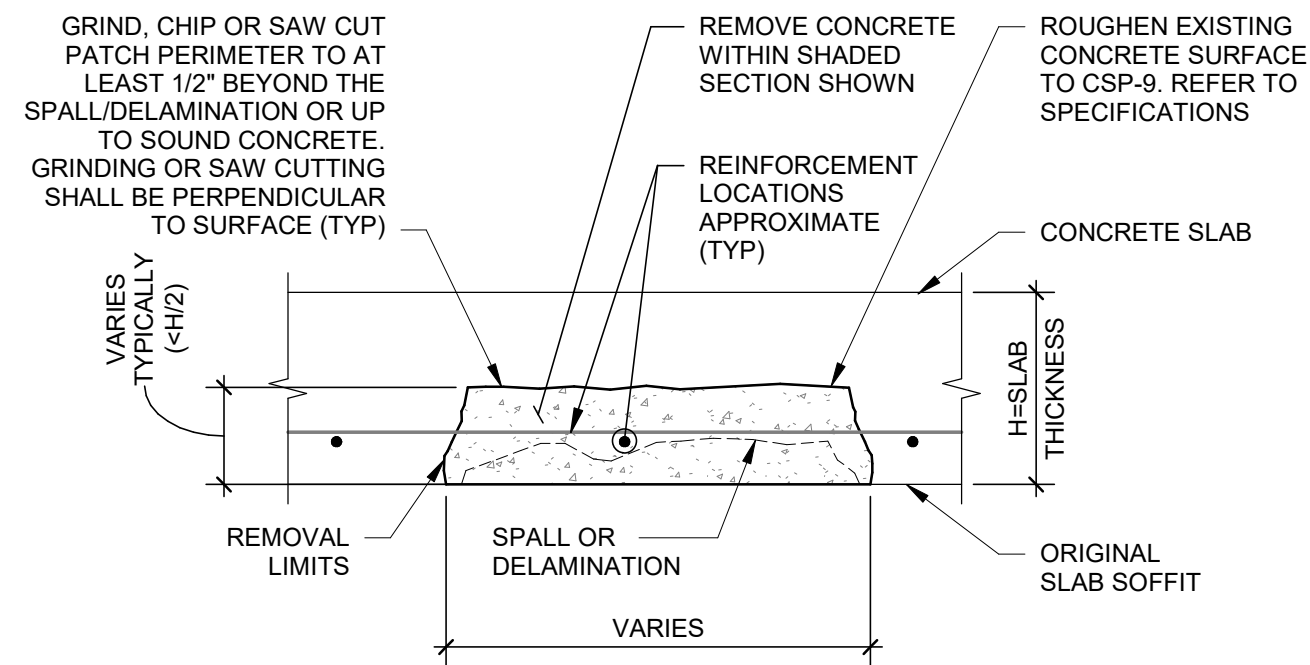
Drawing Title :

## DETAILS

Filename :

Sheet No. :

# S2.0

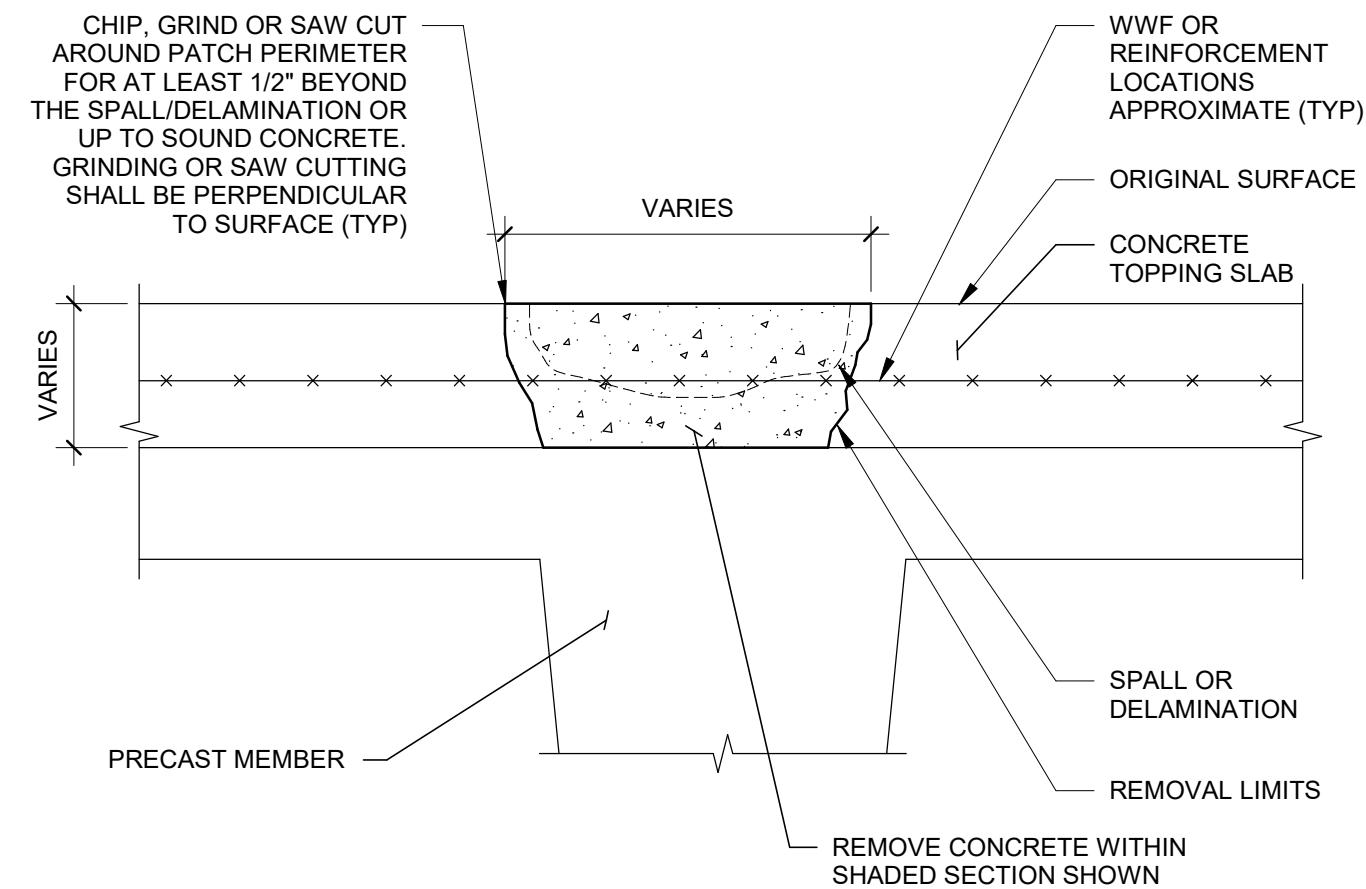


**CAUTION:**

1. SLAB MAY HAVE EMBEDDED ELECTRICAL CONDUITS. VERIFY LOCATION PRIOR TO COMMENCEMENT OF WORK.

**NOTES:**

1. PROTECT EXISTING REINFORCEMENT FROM DAMAGE DURING CHIPPING, GRINDING OR SAW CUTTING FOR SPALL/DELAMINATION REPAIR. USE NON-DESTRUCTIVE TECHNIQUES TO VERIFY LOCATION OF ELECTRICAL CONDUIT. DO NOT CUT OR DAMAGE ELECTRICAL CONDUIT.
2. REFER TO SECTION "SURFACE PREPARATION FOR PATCHING" SPECIFICATIONS FOR CLEANING AND COATING ALL EXPOSED REINFORCEMENT. FINAL SURFACE PREPARATION SHALL BE ABRASIVE BLAST.
3. PROVIDE 3/4" CLEARANCE AROUND ALL EXPOSED REINFORCEMENT WHERE REQUIRED AS SPECIFIED IN SECTION "SURFACE PREPARATION FOR PATCHING."
4. WHERE REINFORCEMENT THAT IS EXPOSED DURING SURFACE PREPARATION IS FOUND TO BE SEVERELY CORRODED OR HAS LOST 10% OR MORE OF ITS CROSS SECTIONAL AREA, SUPPLEMENTARY REINFORCEMENT MAY BE REQUIRED. REPORT TO ENGINEER FOR REVIEW AND DESIGN OF SUPPLEMENTARY REINFORCEMENT.
5. PROVIDE SHORING AS SPECIFIED BY ENGINEER PRIOR TO COMMENCEMENT OF ANY CONCRETE REMOVAL WORK.
6. NEW PATCH SHALL MATCH EXISTING FINISH.

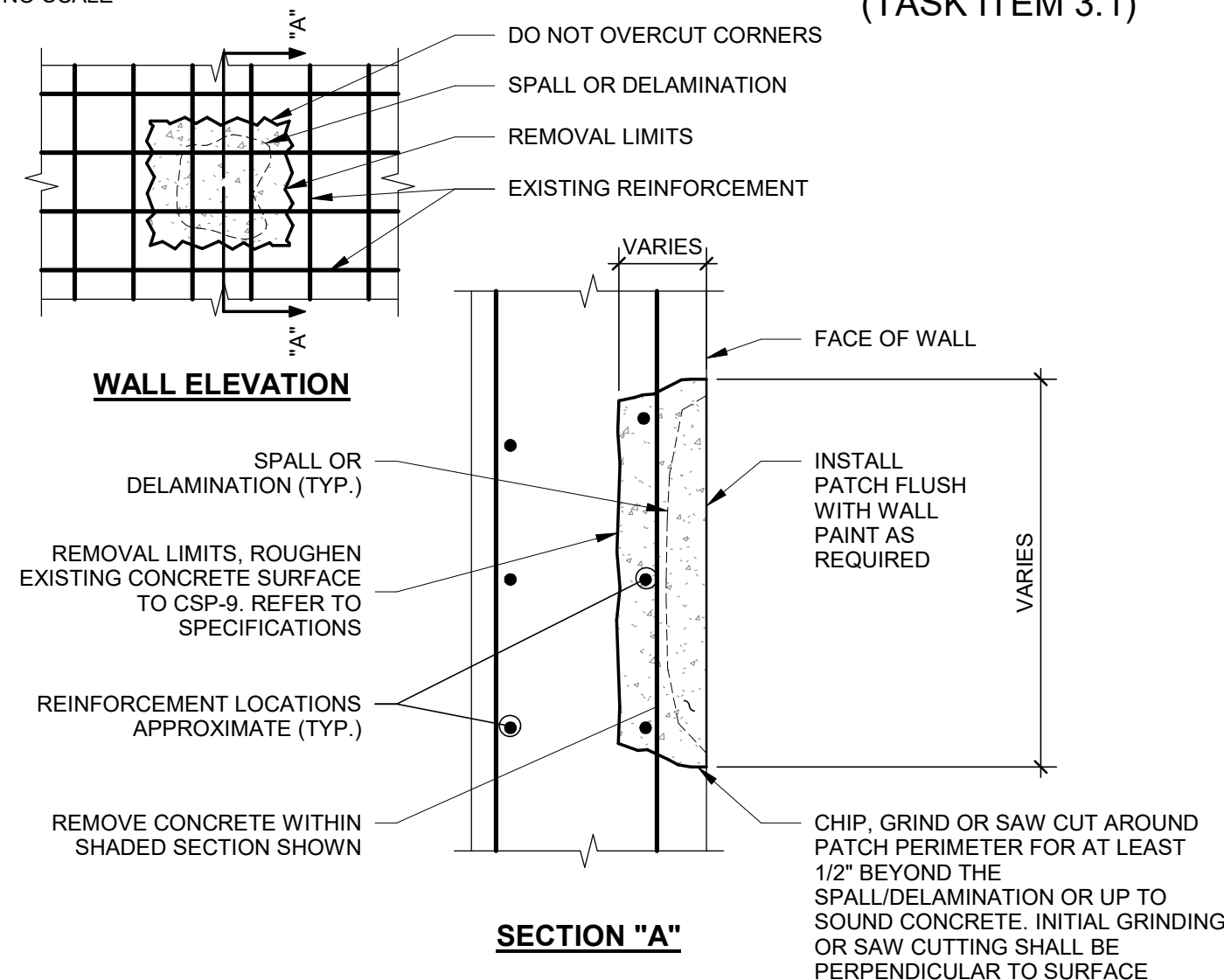


**NOTES:**

1. PROTECT EXISTING WWF OR REINFORCEMENT FROM DAMAGE DURING CHIPPING, GRINDING OR SAWCUTTING.
2. REFER TO SECTION "SURFACE PREPARATION FOR PATCHING" FOR CLEANING AND COATING ALL EXPOSED REINFORCEMENT. FINAL SURFACE PREPARATION SHALL BE ABRASIVE BLAST.
3. PROVIDE 3/4" CLEARANCE AROUND ALL EXPOSED REINFORCEMENT WHERE REQUIRED AS SPECIFIED IN SECTION "SURFACE PREPARATION FOR PATCHING."
4. WHERE REINFORCEMENT THAT IS EXPOSED DURING SURFACE PREPARATION IS FOUND TO BE SEVERELY CORRODED OR HAS LOST 10% OR MORE OF ITS CROSS SECTIONAL AREA, SUPPLEMENTARY REINFORCEMENT MAY BE REQUIRED. REPORT TO ENGINEER FOR REVIEW AND DESIGN OF SUPPLEMENTARY REINFORCEMENT.
5. NEW PATCH SHALL MATCH EXISTING FINISH.
6. TERM "REINFORCEMENT" SHALL MEAN REINFORCING BARS OR WELDED WIRE FABRIC (WWF).

## 2 TYPICAL - OVERHEAD SLAB REPAIR (TASK ITEM 3.1)

NO SCALE



**NOTES:**

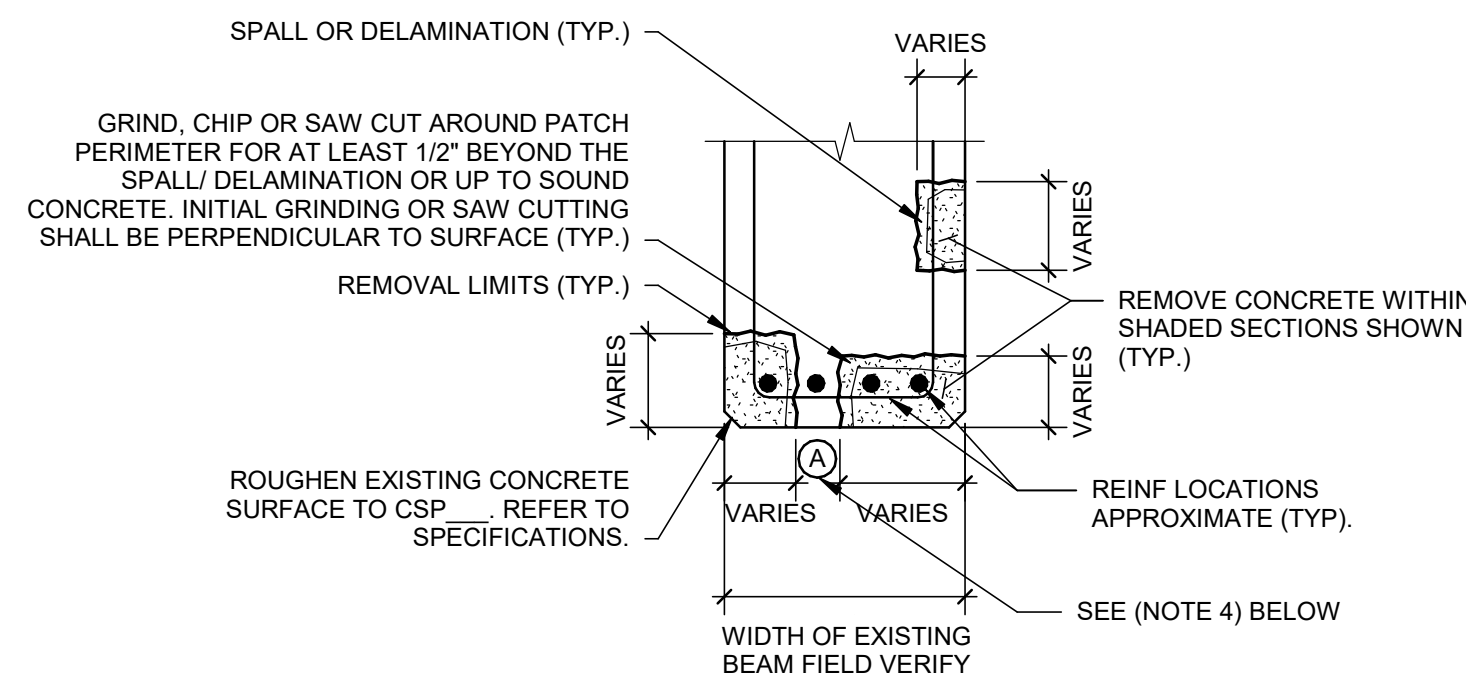
1. PROTECT EXISTING REINFORCEMENT FROM DAMAGE DURING CHIPPING, GRINDING OR SAW CUTTING FOR SPALL/DELAMINATION REPAIR.
2. REFER TO SECTION "SURFACE PREPARATION FOR PATCHING" FOR CLEANING AND COATING ALL EXPOSED REINFORCEMENT. FINAL SURFACE PREPARATION SHALL BE ABRASIVE BLAST.
3. PROVIDE 3/4" CLEARANCE AROUND ALL EXPOSED REINFORCEMENT WHERE REQUIRED AS SPECIFIED IN SECTION "SURFACE PREPARATION FOR PATCHING."
4. WHERE REINFORCEMENT THAT IS EXPOSED DURING SURFACE PREPARATION IS FOUND TO BE SEVERELY CORRODED OR HAS LOST 10% OR MORE OF ITS CROSS SECTIONAL AREA, SUPPLEMENTARY REINFORCEMENT MAY BE REQUIRED. REPORT TO ENGINEER FOR REVIEW AND DESIGN OF SUPPLEMENTARY REINFORCEMENT.
5. PROVIDE SHORING AS SPECIFIED BY ENGINEER PRIOR TO COMMENCEMENT OF ANY CONCRETE REMOVAL WORK.
6. NEW PATCH SHALL MATCH EXISTING FINISH.

## 4 TYPICAL - BUMPER WALL REPAIR (TASK ITEM 4.2)

NO SCALE

## 1 TYPICAL - CONCRETE TOPPING REPAIR (TASK ITEM 2.1)

NO SCALE



**NOTES:**

1. PROTECT EXISTING REINFORCEMENT FROM DAMAGE DURING CHIPPING, GRINDING OR SAW CUTTING FOR SPALL/DELAMINATION REPAIR.
2. REFER TO SECTION "SURFACE PREPARATION FOR PATCHING" FOR CLEANING AND COATING ALL EXPOSED REINFORCEMENT.
3. PROVIDE 3/4" CLEARANCE AROUND ALL EXPOSED REINFORCEMENT WHERE REQUIRED AS SPECIFIED IN SECTION "SURFACE PREPARATION FOR PATCHING."
4. WHERE DIMENSION "A" SHOWN IN DETAIL IS 4" OR LESS, THEN REPAIR ENTIRE WIDTH OF BEAM.
5. WHERE REINFORCEMENT THAT IS EXPOSED DURING SURFACE PREPARATION IS FOUND TO BE SEVERELY CORRODED OR HAS LOST 10% OR MORE OF ITS CROSS SECTIONAL AREA, SUPPLEMENTARY REINFORCEMENT MAY BE REQUIRED. REPORT TO ENGINEER FOR REVIEW AND DESIGN OF SUPPLEMENTARY REINFORCEMENT.
6. PROVIDE SHORING AS SPECIFIED BY ENGINEER PRIOR TO COMMENCEMENT OF ANY CONCRETE REMOVAL WORK.

## 3 TYPICAL - CONCRETE BEAM REPAIR (TASK ITEM 3.5)

NO SCALE

\\ORL-SERVER\Projects\072019\19060-01\_COT TPD High Priority WO 4-3-Documentation\Drawings\Revit Structure\D07.19060.01\_TPD Repairs.rvt



Project Name:

**WO 4 TAMPA POLICE  
DEPARTMENT PARKING  
GARAGE HIGH PRIORITY  
REPAIRS**

Client :

**CITY OF TAMPA**

Issues/Revisions :

**PERMIT SET**

No.	Date	Description
1	2/3/20	Issued for Owner Review
2	4/5/20	Issued for Bid
3	5/19/20	Issued for Permit

Project Number : D07.19060.01	Drawn By : AZ
Approved By : WW	Checked By : AB

Certification  
TO THE BEST OF THE ENGINEER'S KNOWLEDGE,  
THE PLANS AND SPECIFICATIONS COMPLY WITH  
THE 2017 FLORIDA BUILDING CODE.

Seal and Signature :

E. Webb Wright, P.E.  
Professional Engineer No. 57639  
Copyright (c) 2020 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 in 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.

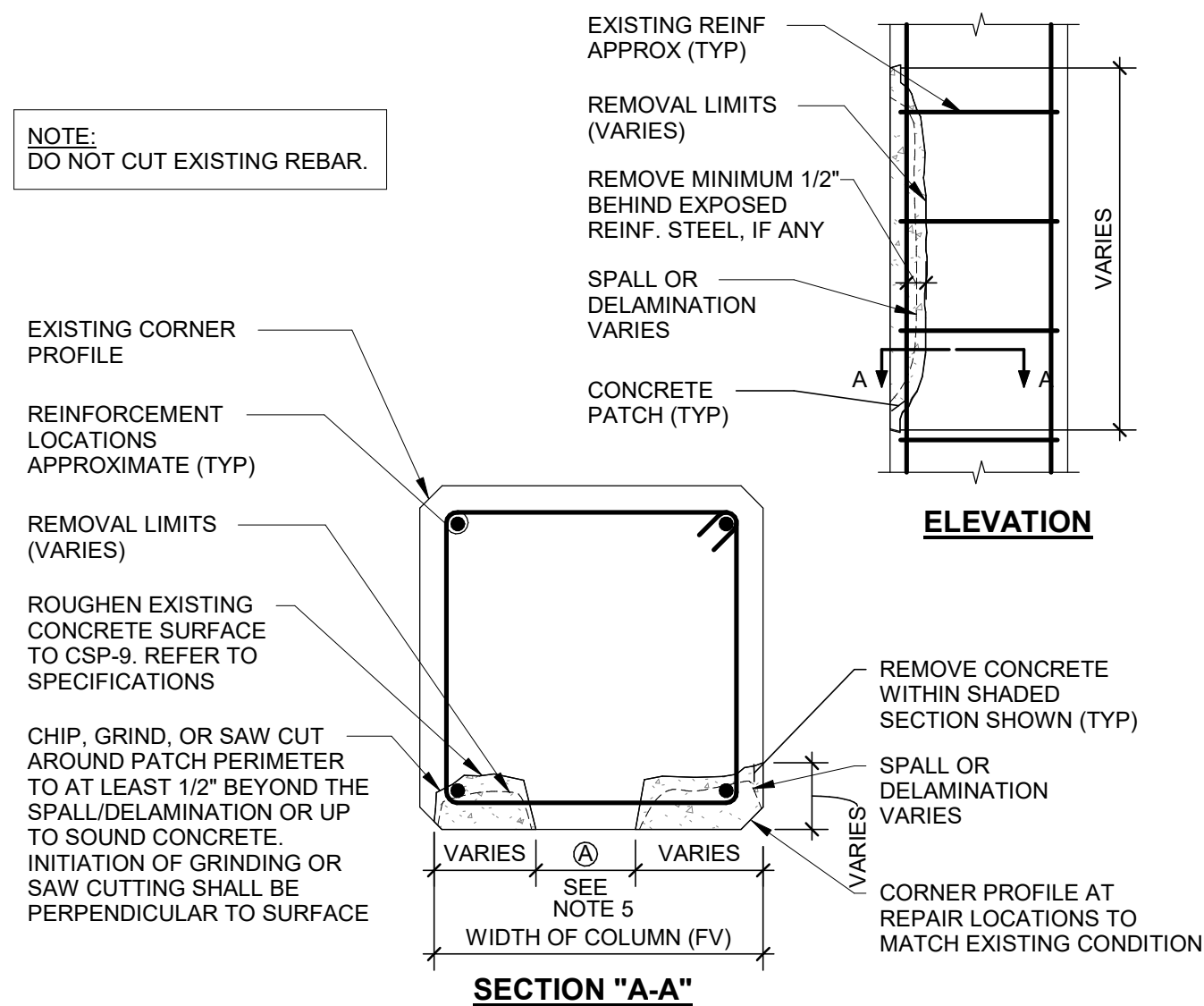
Drawing Title :

**DETAILS**

Filename :

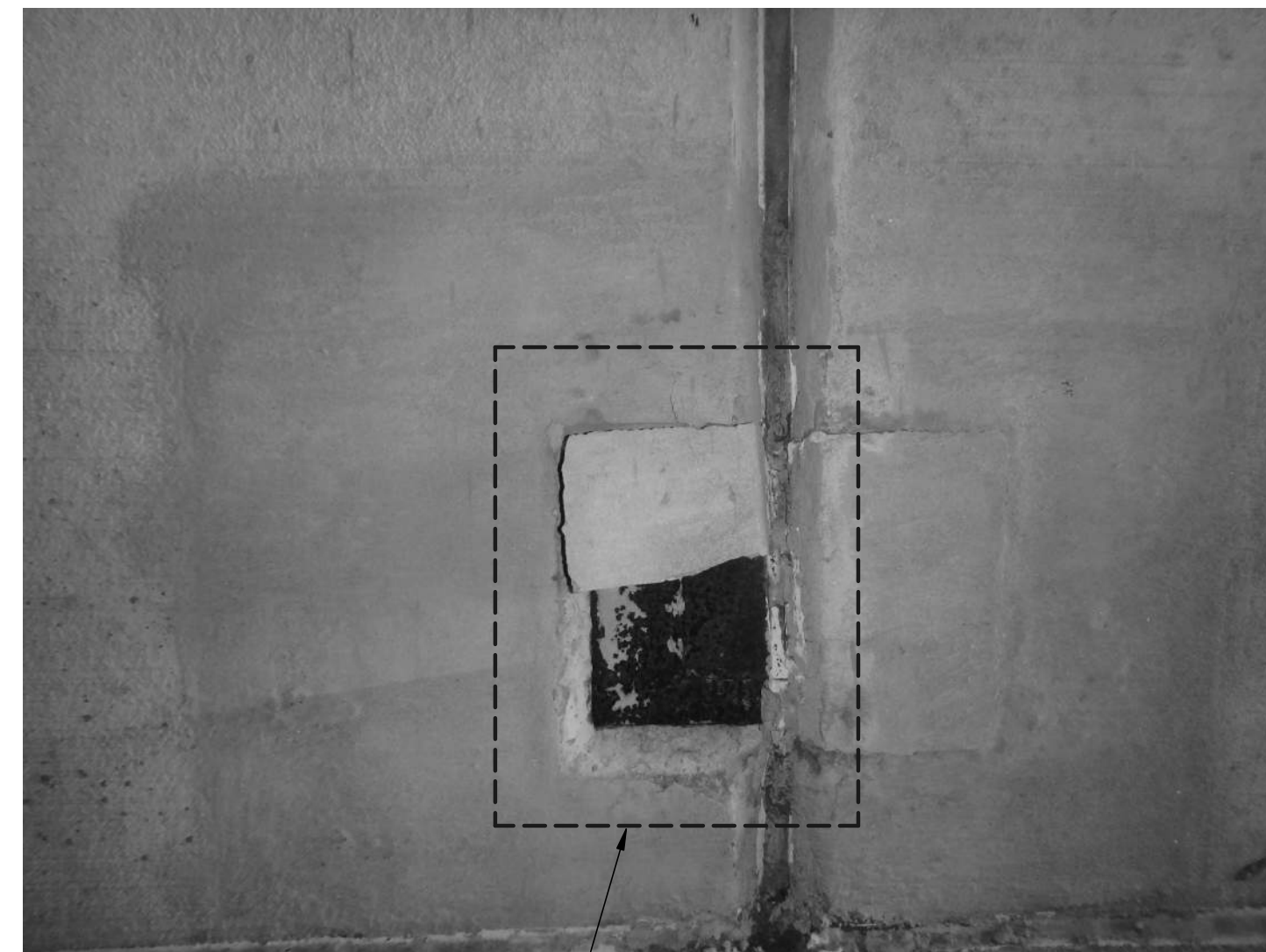
Sheet No. :

**S2.1**



**NOTES:**

1. PROTECT EXISTING REINFORCEMENT FROM DAMAGE DURING CHIPPING, GRINDING OR SAW CUTTING FOR SPALL/DELAMINATION REPAIR.
2. REFER TO SECTION "SURFACE PREPARATION FOR PATCHING" FOR CLEANING AND COATING ALL EXPOSED REINFORCEMENT. FINAL SURFACE PREPARATION SHALL BE ABRASIVE BLAST. PROVIDE 3/4" CLEARANCE AROUND ALL EXPOSED REINFORCEMENT.
3. WHERE REINFORCEMENT THAT IS EXPOSED DURING SURFACE PREPARATION IS FOUND TO BE SEVERELY CORRODED OR HAS LOST 15% OR MORE OF ITS CROSS SECTIONAL AREA, SUPPLEMENTARY REINFORCEMENT MAY BE REQUIRED. REPORT TO ENGINEER FOR REVIEW AND DESIGN OF SUPPLEMENTARY REINFORCEMENT.
4. WHERE DIMENSION "A" SHOWN IN DETAIL IS 4" OR LESS, THEN REPAIR ENTIRE WIDTH OF COLUMN.



REPAIR PER TASK ITEM 4.3 IN SPECIFICATION SECTION "TASK ITEMS"

**2 TYPICAL - COLUMN REPAIR**

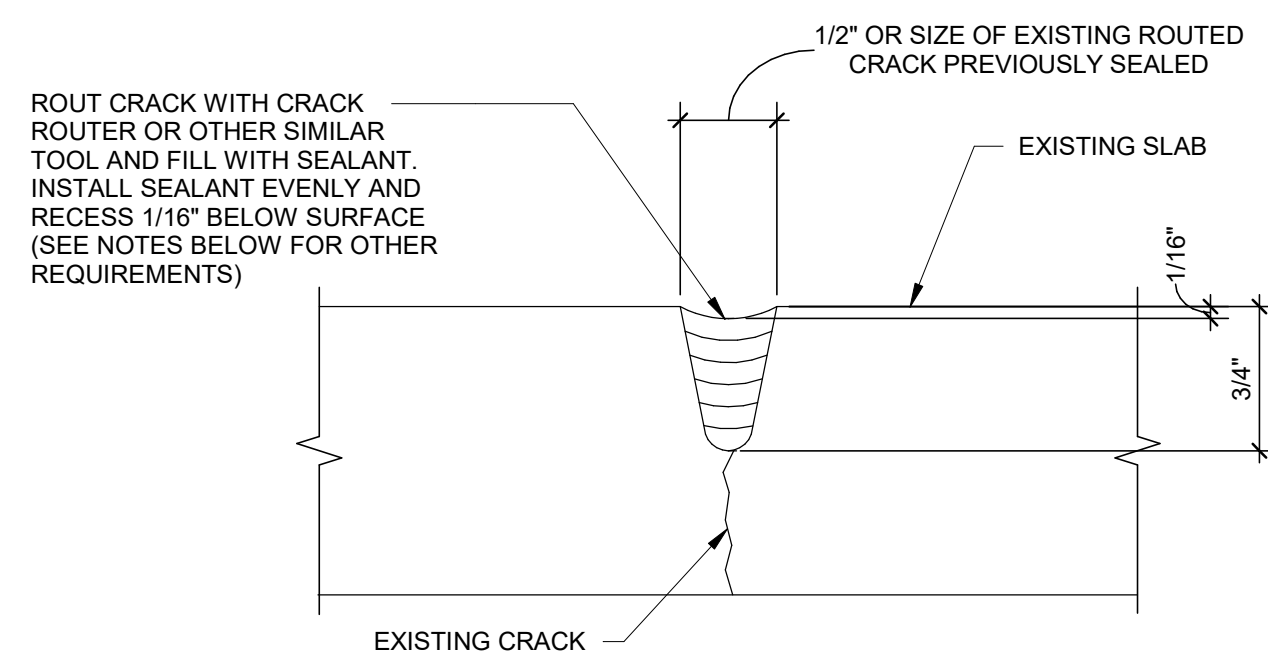
NO SCALE

(TASK ITEM 5.1)

**1 TYPICAL - GROUT POCKET REPAIR**

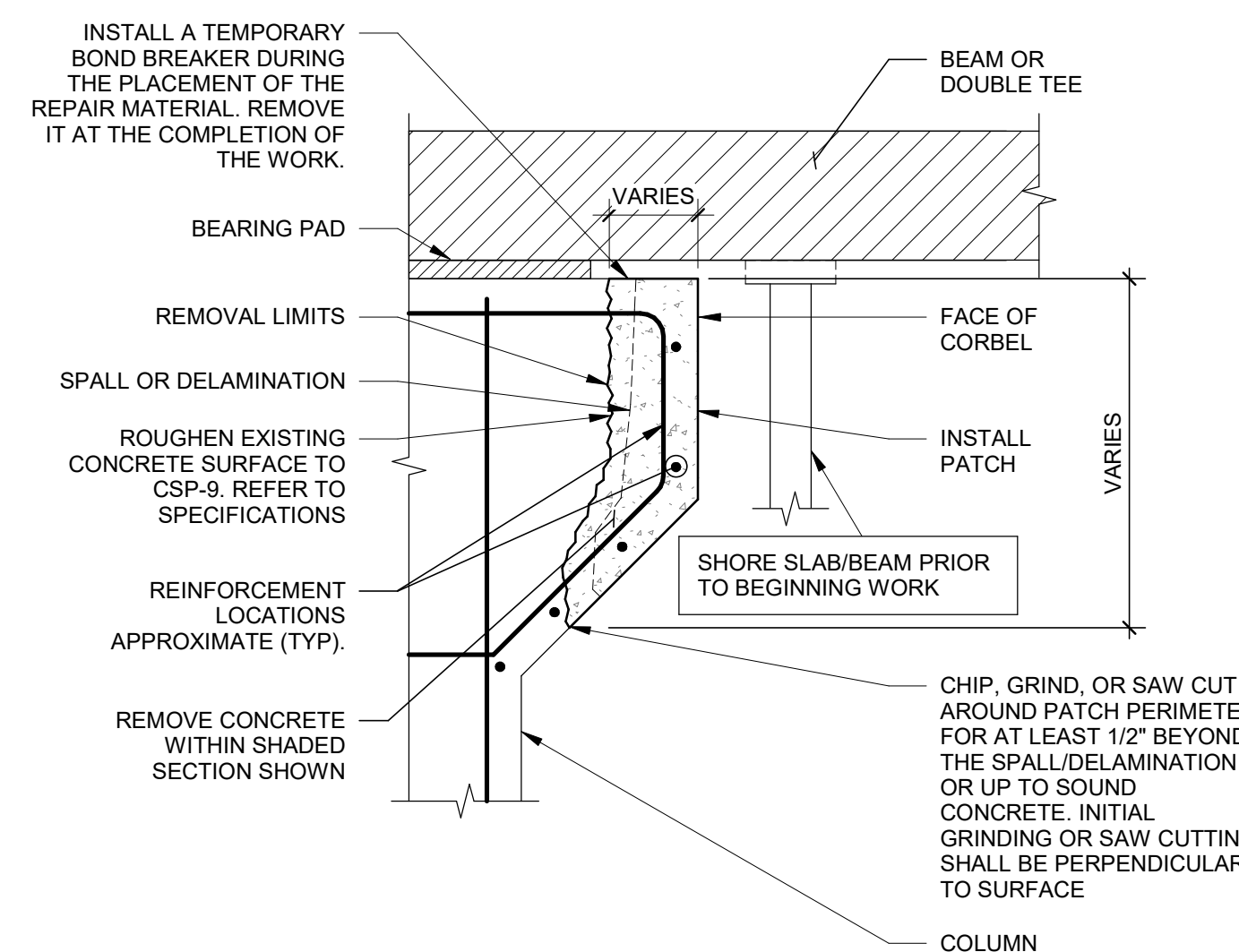
NO SCALE

(TASK ITEM 4.3)



**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.



**NOTES:**

1. PROTECT EXISTING REINFORCEMENT FROM DAMAGE DURING CHIPPING, GRINDING OR SAW CUTTING FOR SPALL/DELAMINATION REPAIR.
2. REFER TO SECTION "SURFACE PREPARATION FOR PATCHING" FOR CLEANING AND COATING ALL EXPOSED REINFORCEMENT. FINAL SURFACE PREPARATION SHALL BE ABRASIVE BLAST. PROVIDE 3/4" CLEARANCE AROUND ALL EXPOSED REINFORCEMENT WHERE REQUIRED AS SPECIFIED IN SECTION "SURFACE PREPARATION FOR PATCHING."
3. WHERE REINFORCEMENT THAT IS EXPOSED DURING SURFACE PREPARATION IS FOUND TO BE SEVERELY CORRODED OR HAS LOST 10% OR MORE OF ITS CROSS SECTIONAL AREA, SUPPLEMENTARY REINFORCEMENT MAY BE REQUIRED. REPORT TO ENGINEER FOR REVIEW AND DESIGN OF SUPPLEMENTARY REINFORCEMENT.
5. NEW PATCH SHALL MATCH EXISTING FINISH.

**4 TYPICAL - CRACK REPAIR**

NO SCALE

(TASK ITEM 7.1)

**3 TYPICAL - CORBEL REPAIR**

NO SCALE

(TASK ITEM 5.2)

\\ORL-SERVR\Projects\072019\19060-01\_COT TPD High Priority WO 413-Documentation\Drawings\Revit Structure\D07.19060.01\_TPD Repairs.rvt



Project Name:

**WO 4 TAMPA POLICE  
DEPARTMENT PARKING  
GARAGE HIGH PRIORITY  
REPAIRS**

Client :

**CITY OF TAMPA**

Issues/Revisions :

**PERMIT SET**

No.	Date	Description
1	2/3/20	Issued for Owner Review
2	4/5/20	Issued for Bid
3	5/19/20	Issued for Permit

Project Number : D07.19060.01  
Drawn By : AZ  
Approved By : WW  
Checked By : AB

Certification  
TO THE BEST OF THE ENGINEER'S KNOWLEDGE,  
THE PLANS AND SPECIFICATIONS COMPLY WITH  
THE 2017 FLORIDA BUILDING CODE.

Seal and Signature :

E. Webb Wright, P.E.  
Professional Engineer No. 57639  
Copyright (c) 2020 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.

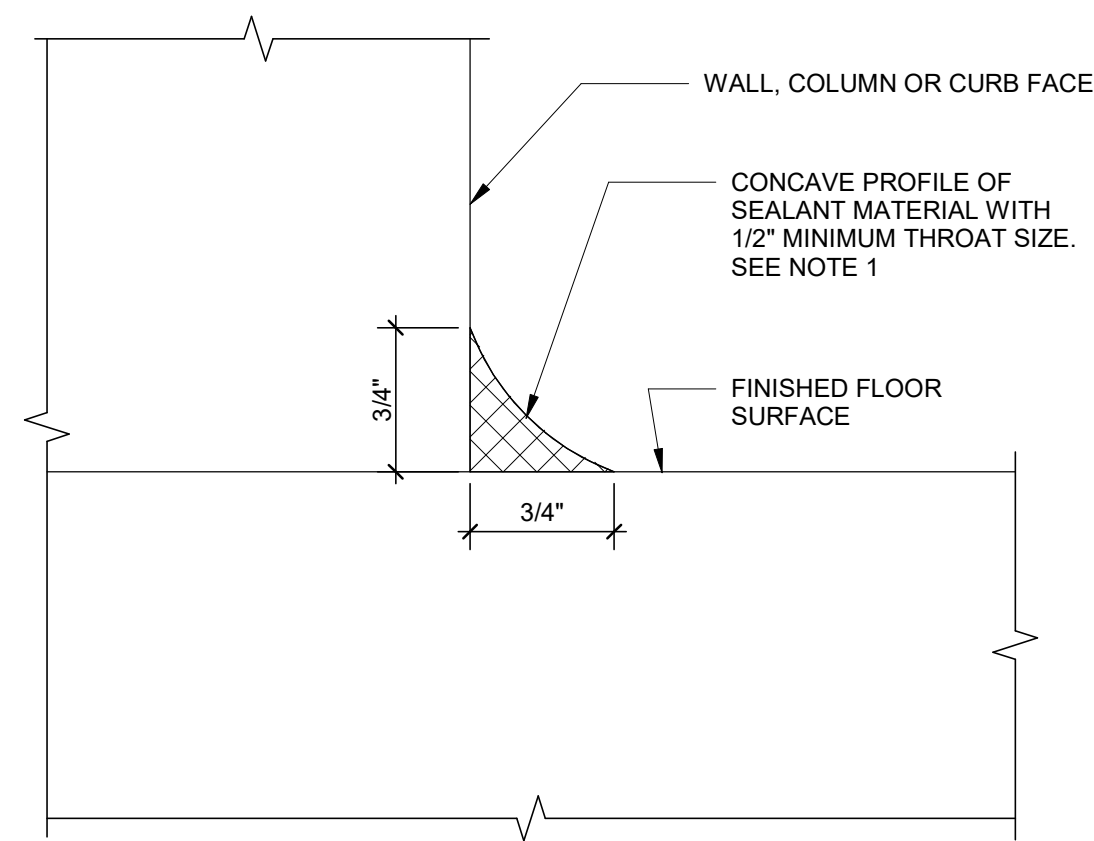
Drawing Title :

**DETAILS**

Filename :

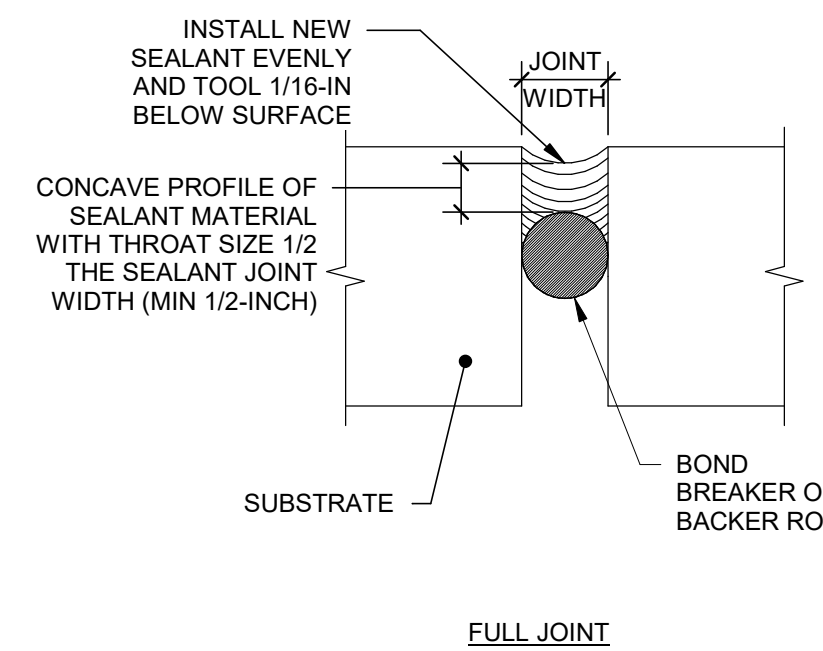
Sheet No. :

**S2.2**



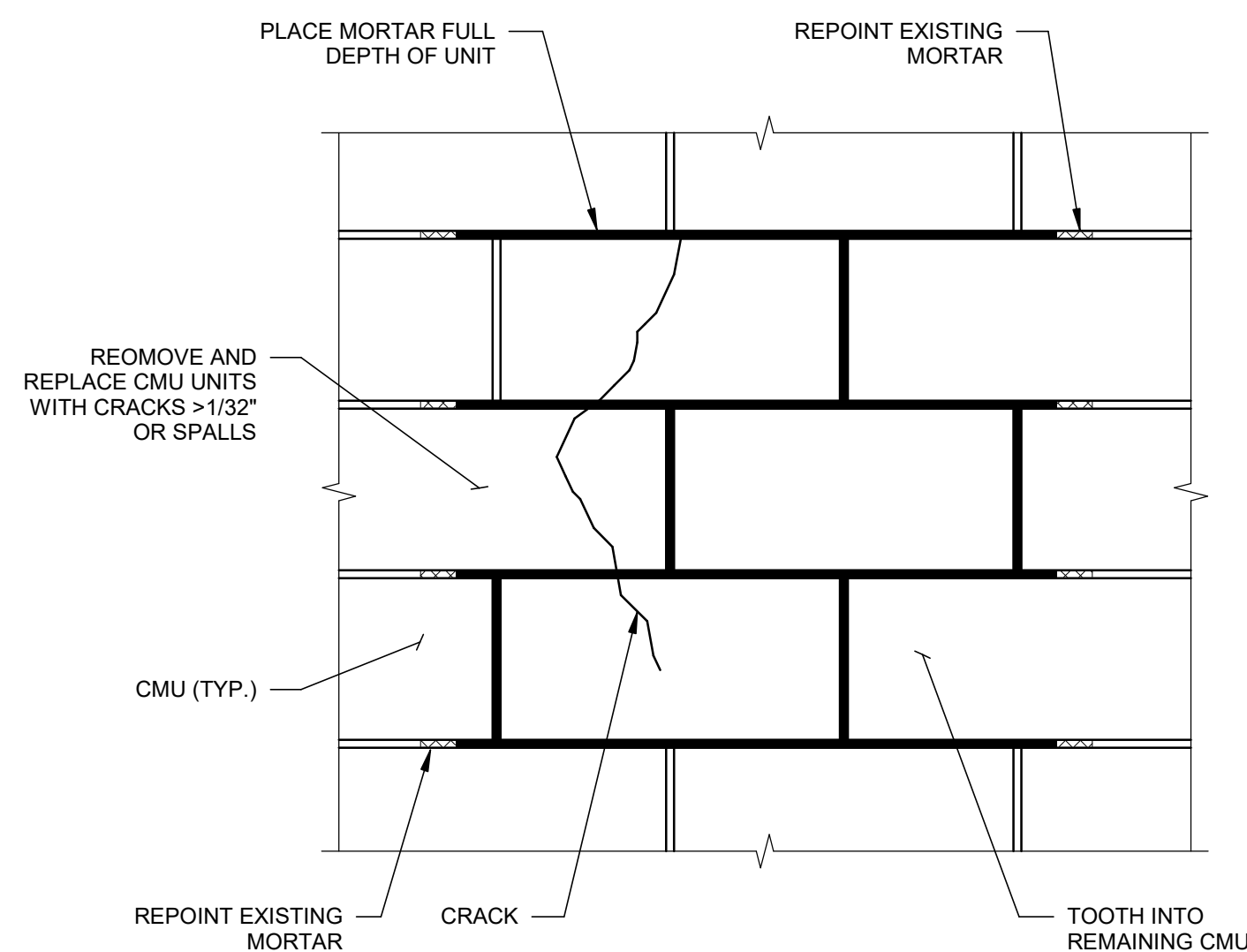
- NOTES:
1. REMOVE EXISTING COVE SEALANT MATERIAL IF PRESENT. PREPARE SURFACE PER SPECIFICATIONS.
  2. SEE SPECIFICATIONS FOR TYPE OF SEALANT MATERIAL.

**2** TYPICAL - COVE SEALANT INSTALLATION  
NO SCALE (TASK ITEM 7.5)



- NOTES:
1. REMOVE EXISTING JOINT SEALANT AND BACKER ROD MATERIAL IF PRESENT.
  2. CLEAN ALL SURFACES WITHIN JOINT BEFORE FILLING WITH SEALANT SUCH THAT THERE ARE NO OLD RESIDUAL MATERIALS, DUST, OR CONTAMINANTS ON THE INSIDE SURFACES OF THE JOINT.
  3. INSTALL BOND BREAKER AND/OR BACKER ROD TO A UNIFORM DEPTH. INSTALLATION OF WAVY OR NON-UNIFORM BOND BREAKER/BACKER ROD WILL NOT BE ACCEPTABLE.
  4. DO NOT OVERFILL THE JOINT.
  5. REFER TO SPECIFICATIONS FOR SEALANT TYPE AND OTHER REQUIREMENTS.
  6. TOOL JOINT CONCAVE.

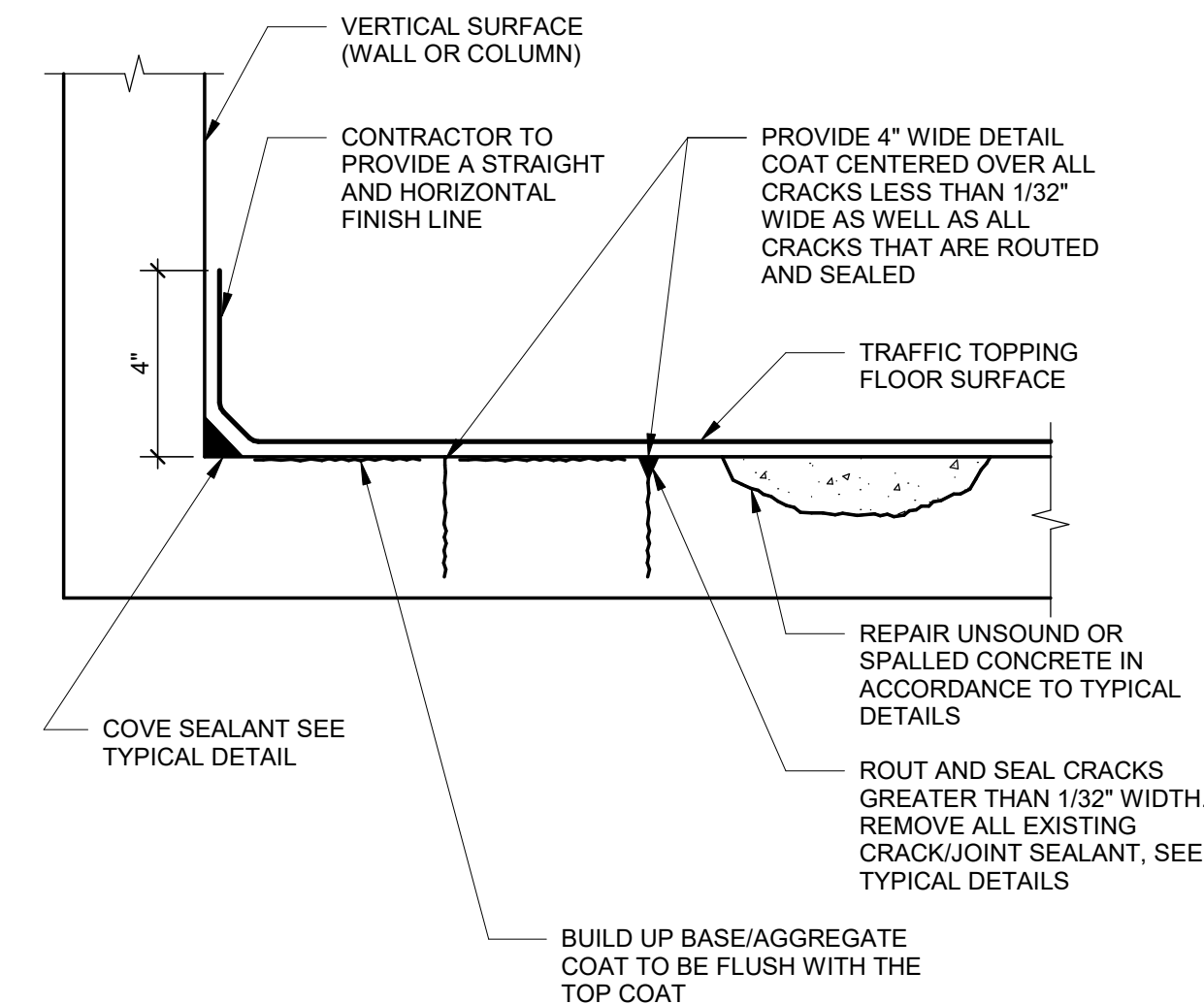
**1** TYPICAL - JOINT SEALANT REPLACEMENT  
NO SCALE (TASK ITEM 7.3)



**ELEVATION**

- NOTES:
1. REPLACE MORTAR SHALL BE TYPE 'N'.
  2. FLUSH DEBRIS FROM CMU REMOVAL AREA WITH AIR.
  3. TOO JOINT TO ORIGINAL PROFILE WHEN 'THUMBPRINT' HARD.
  4. PAINT REPLACED CMU TO MATCH WALL COLOR.

**4** TYPICAL - CMU REPLACEMENT  
NO SCALE (TASK ITEM 8.2)



- NOTES:
1. QUANTITIES FOR NEW, REPLACEMENT, OR RECOATING OF TRAFFIC TOPPING IN BID FORM ARE BASED ON HORIZONTAL APPLICATION AREA.
  2. THE FOLLOWING TASKS ARE INCLUDED (INCIDENTAL) TO THIS WORK: VERTICAL DETAILING, ADDITIONAL COAT OVER CRACKS, ADDITIONAL COAT TO FILL VOIDS IN SUBSTRUCTURE TO PROVIDE A UNIFORM THICKNESS, ROUTING AND SEALING OF CRACKS REPAIR OF SPALLED/ DELAMINATED OR CONCRETE WITH EXPOSED REINFORCEMENT (MESH, REBAR ETC.), INSTALLATION OF COVE SEALANT, AND REPLACEMENT OF EXISTING SEALANT.

**3** TYPICAL - TRAFFIC TOPPING  
NO SCALE (TASK ITEM 7.7, 7.9)

\\ORL-SERVER\Projects\Projects\2019\19060-01\_COT TPD High Priority WO 413-Documentation\Drawings\Revit Structure\D07.19060.01\_TPD Repairs.rvt