

MECHANICS ROW PARKING GARAGE PHASE 7 REPAIRS

• AUBURN, MAINE •



ENGINEER:

Thornton Tomasetti

DRAWING LIST:

- S1.0 GENERAL NOTES
- S1.1 LEVEL 1
- S1.2 LEVEL 2
- S1.3 LEVEL 3
- S1.4 LEVEL 4
- S1.5 GARAGE ELEVATIONS
- S2.1 REPAIR SECTIONS AND DETAILS

ISSUED FOR BIDDING
FEBRUARY 8, 2024

GENERAL NOTES:

1. THE NOTES ON THESE DRAWINGS ARE NOT INTENDED TO REPLACE THE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO THE GENERAL NOTES. INCONSISTENCIES BETWEEN THE DRAWINGS AND THE SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER PRIOR TO PROCEEDING WITH THE AFFECTED WORK.
2. ALL WORK SHALL COMPLY WITH THE 2015 EDITION OF THE INTERNATIONAL BUILDING CODE (IBC) AND 2015 INTERNATIONAL EXISTING BUILDING CODE (IEBC). THE SCOPE OF WORK OUTLINED HAS BEEN EVALUATED AS A REPAIR WITH LESS THAN SUBSTANTIAL STRUCTURAL DAMAGE PER THE IEBC.
 - A. ORIGINAL DESIGN LOADS (CODE); 50 PSF (BOCA 1990)
 - B. CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL EQUIPMENT USED DOES NOT EXCEED EXISTING BUILDING DESIGN LOADS.
3. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
4. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS.
5. THE REPAIRS TO THIS STRUCTURE HAVE BEEN DESIGNED TO RE-ESTABLISH THE STRUCTURAL INTEGRITY OF THE STRUCTURE AFTER THE REPAIRS ARE COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE PROCEDURES AND SEQUENCE TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING THE RESTORATION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, TEMPORARY PARTITIONS, VEHICLE AND PEDESTRIAN PROTECTION, GUYS OR TIE DOWNS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF PROJECT.
6. SECTIONS AND DETAILS SHOWN SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS AS DETERMINED BY THE STRUCTURAL ENGINEER.
7. THE CONTRACTOR SHALL SUBMIT COMPLETE SUBMITTALS (AS NOTED IN THE SPECIFICATIONS) FOR ALL PARTS OF THE WORK INCLUDING DESCRIPTION OF SHORING AND CONSTRUCTION METHODS AND SEQUENCING, WHERE APPLICABLE. NO PERFORMANCE OF THE WORK INCLUDING, BUT NOT LIMITED TO, DEMOLITION OF EXISTING STRUCTURE OR FABRICATION OR ERECTION OF NEW STRUCTURAL ELEMENTS, SHALL COMMENCE WITHOUT REVIEW OF THE SHOP DRAWINGS BY THE STRUCTURAL ENGINEER.
8. ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO VEHICLES, PROPERTY AND PUBLIC CAUSED BY THEIR WORK.
10. CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, LICENSES AND GOVERNMENT FEES AS REQUIRED. THE CONTRACTOR SHALL COMPLY WITH CODES, ORDINANCES, RULES, REGULATIONS, ORDERS AND OTHER LEGAL REQUIREMENTS OF THE PUBLIC AUTHORITY, WHICH BEAR ON THE PERFORMANCE OF THE WORK.
11. CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL DURING THE PROJECT. A SCHEDULE FOR SPACES REQUIRED SHALL BE PRESENTED TO THE OWNER OR GARAGE MANAGER ONE WEEK IN ADVANCE AND UPDATED WEEKLY DURING THE PROJECT.
12. THE EXISTING BUILDING SHALL REMAIN IN OPERATION FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY CONTROLS NECESSARY TO ALLOW FOR THE BUILDING OPERATIONS.
13. CONTRACTOR SHALL PROVIDE AND MAINTAIN REQUIRED DUST BARRIERS, BARRICADES, PROTECTION AND WARNING LIGHTS IN GOOD WORKING CONDITION UNTIL COMPLETION OF WORK REQUIRING SUCH PROTECTION AND THEN REMOVE THE SAME. ALL SIGNS, BARRIERS, AND BARRICADES SHALL COMPLY WITH FEDERAL STATE AND LOCAL LAWS AND REGULATIONS. ALL DUST AND DEBRIS MUST BE CONTAINED WITHIN THE WORK AREA, PROVIDE DUST BARRIERS/CONTAINMENT AS REQUIRED.
14. CONTRACTOR SHALL MAINTAIN PREMISES FREE FROM ACCUMULATIONS OF WASTE MATERIAL AND RUBBISH. PRECAUTIONS SHOULD BE TAKEN TO MINIMIZE DUST FROM ENTERING THE BUILDING. ALL DUST AND DEBRIS CREATED BY THE WORK WITHIN THE BUILDING SHALL BE REMOVED AND THE WORK AREAS CLEANED.
15. CONTRACTOR SHALL DETERMINE THE NEED FOR ALL DISCONNECTION AND/OR TEMPORARY OR PERMANENT REROUTING OF EXISTING UTILITIES, INCLUDING ELECTRICAL AND PLUMBING AND COORDINATE WITH THE GARAGE OWNER/MANAGER.
16. IF WORK RESTRICTS ACCESS TO ANY MEANS OF EGRESS CONTRACTOR SHALL SUPPLY ALL TEMPORARY SIGNAGE, BARRIERS TO REDIRECT PATRONS TO THE NEAREST EXIT OR DOWN THE RAMP. A MINIMUM OF ONE STAIR TOWER MUST REMAIN COMPLETELY ACCESSIBLE DURING THE WORK. IF ACCESS TO THE ELEVATOR IS RESTRICTED AT ANY LEVEL PROVIDE SIGNAGE INDICATING NO ACCESSIBLE PARKING ON THAT LEVEL.
17. 50 PARKING SPACES WILL BE AVAILABLE TO THE CONTRACTOR MONDAY THROUGH FRIDAY. ADDITIONAL PARKING SPACES ARE AVAILABLE ON THE WEEKEND OR AFTER NORMAL BUSINESS HOURS. CONTRACTOR TO PROVIDE ALL TRAFFIC CONTROL DURING CONSTRUCTION.

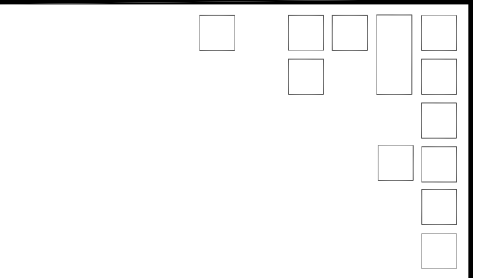
CONCRETE NOTES

1. CONCRETE WORK SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318, LATEST EDITION)," AND "SPECIFICATIONS FOR STRUCTURAL CONCRETE (ACI 301, LATEST EDITION)."
2. GENERAL CONTRACTOR, CONSTRUCTION MANAGER OR OWNER'S CLERK OF THE WORKS SHALL HAVE AVAILABLE ON SITE AT ALL TIMES A COPY OF ACI "FIELD REFERENCE MANUAL SP-15".
3. CONCRETE SHALL NOT BE PLACED IN WATER OR ON FROZEN GROUND.
4. REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60 DEFORMED BARS AND SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH ACI 315, LATEST EDITION.
5. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 AND BE PROVIDED IN FLAT SHEETS.
6. MINIMUM CONCRETE PROTECTIVE COVERING FOR REINFORCEMENT, UNLESS NOTED OTHERWISE, SHALL BE AS FOLLOWS:
 - A) CONCRETE SLABS: 1.5"
7. WELDING OF REINFORCEMENT IS NOT PERMITTED.

ABBREVIATIONS:

- CIP - CAST IN PLACE CONCRETE
 - CJ - CONTROL/CONSTRUCTION JOINT
 - DT - PRECAST DOUBLE TEE
 - EJ - EXPANSION JOINT
 - FD - FLOOR DRAIN
 - IT BM - PRECAST INVERTED TEE BEAM
 - LBS - PRECAST LOAD BEARING SPANDREL
 - LW - PRECAST LITEWALL
 - NLBS - PRECAST NON LOAD BEARING SPANDREL
 - PC - PRECAST
 - SOG - SLAB ON GRADE
 - SW - PRECAST SHEAR WALL
- REPAIR WORK CODES**
- XM - MISSING OVERHEAD CONNECTION
 - XR - RUSTED OVERHEAD CONNECTION
 - XS - JOINT SEALANT REPLACEMENT SPOT REPAIRS

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NO.	DATE	DESCRIPTION

**MECHANICS ROW PARKING GARAGE
 PHASE 7 REPAIRS**
 AUBURN, ME

TITLE
GENERAL NOTES

PROJECT
 P23241
 SCALE
 AS NOTED
 DRAWN BY
 ATE
 DATE
 2/9/24

SHEET NUMBER
S1.0

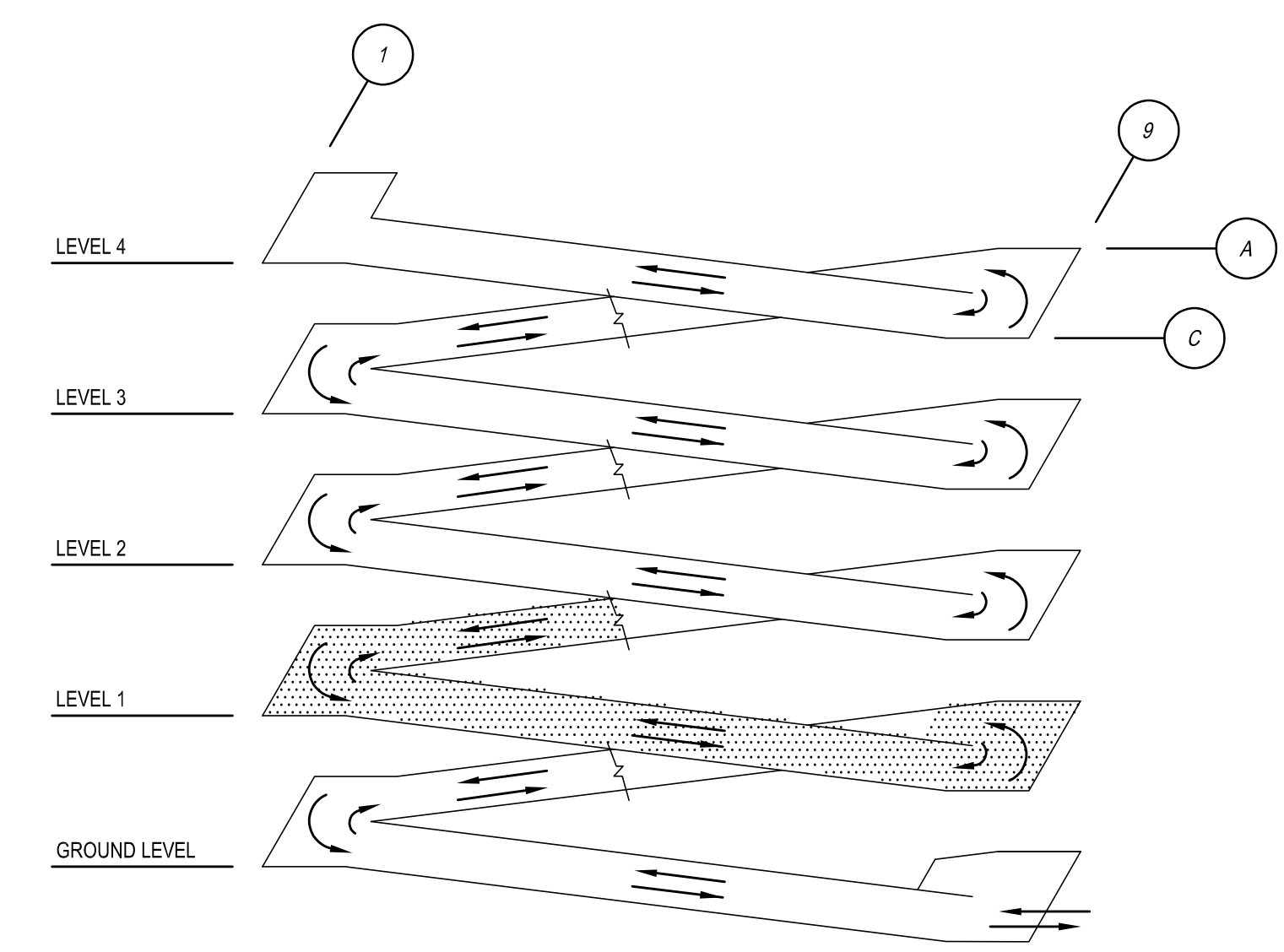
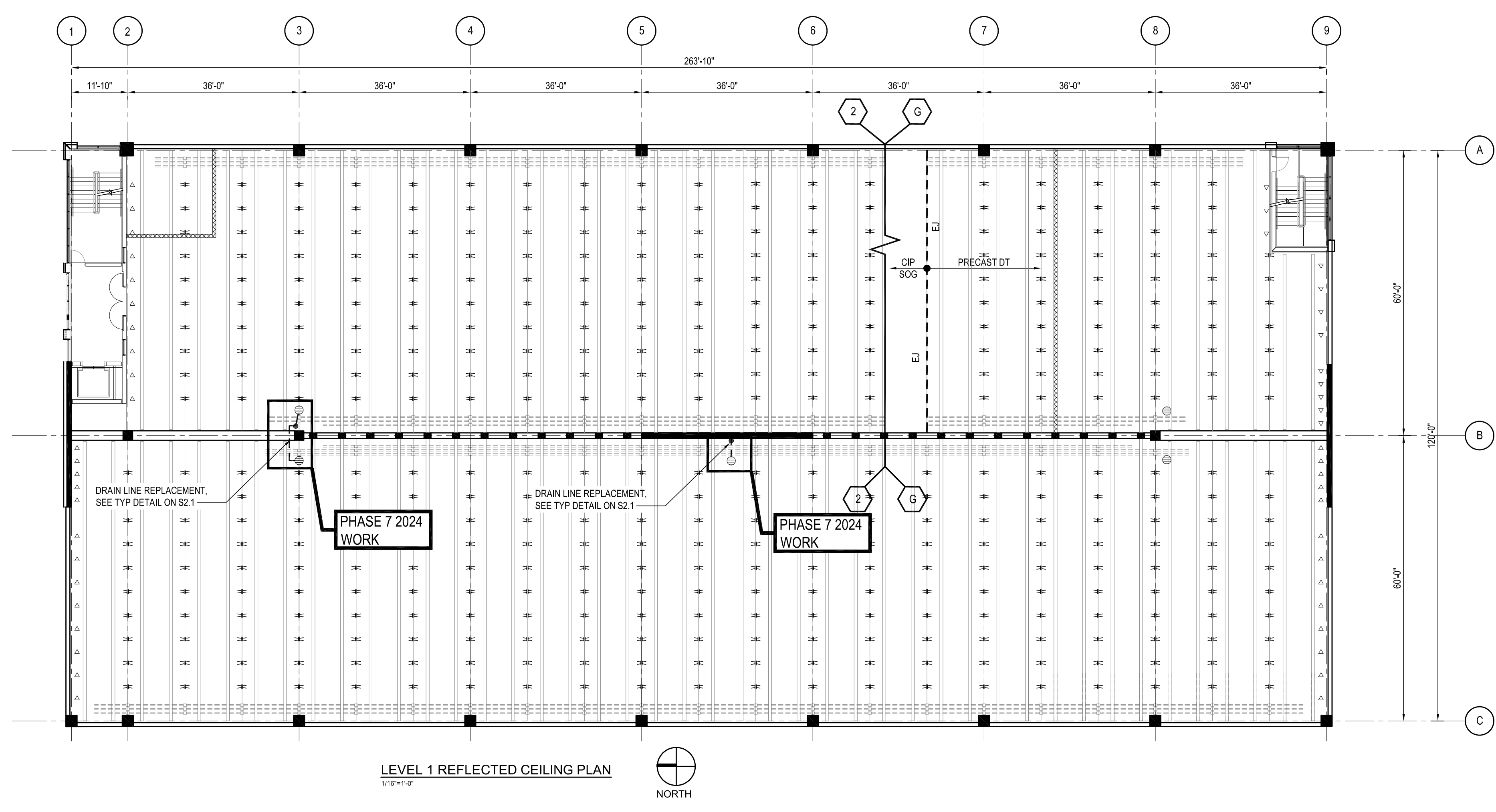
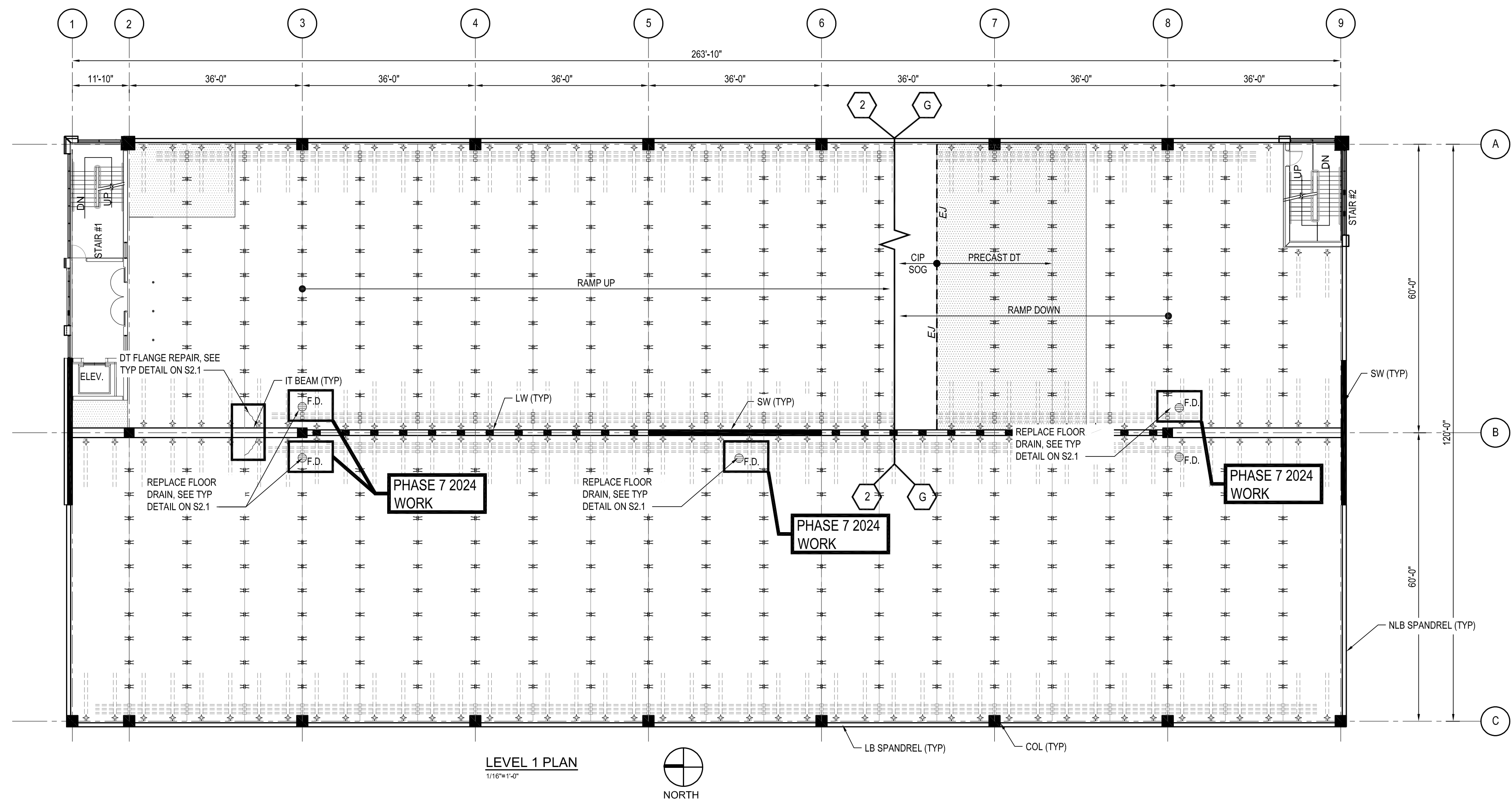
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 PLOT BY: ATE
 PLOT DEVICE: HP DesignJet T1100e

SCOPE OF WORK LEVEL 1 - PHASE 7

ITEM	DESCRIPTION	QUANTITY	UNIT	NOTES
1	FLOOR DRAIN REPLACEMENT	3	EA	
2	DRAIN LINE REPLACEMENT	20	LF	
3	DT FLANGE REPAIR	2	EA	

KEY

- F.D. FLOOR DRAIN
- CONCRETE REPAIR
- DT TO DT SHEAR CONNECTION
- DT TO DT CHORD TIE CONNECTION
- DT TO SWL/WIT B/MLB SPANDREL CONNECTION
- DT TO SW/STAIR/NLB SPANDREL CONNECTION (UNDERSIDE OF DT)
- EXPOSED REINFORCEMENT REPAIR AT DT FLANGE
- CRACK CHASE REPAIR
- JOINT SEALANT REPLACEMENT
- TRAFFIC MEMBRANE RECOAT
- NOT IN CONTRACT
- PHASE 6 REPAIR SCOPE OF WORK
- EJ - EXPANSION JOINT
- DT - PRECAST DOUBLE TEE
- PC - PRECAST
- LW - PRECAST LITEWALL
- SW - PRECAST SHEARWALL
- CJ - CONTROL/CONSTRUCTION JOINT
- CIP - CAST IN PLACE CONCRETE
- SOG - SLAB ON GRADE
- IT BM - PRECAST INVERTED TEE BEAM
- LBS - PRECAST LOAD BEARING SPANDREL
- NLBS - PRECAST NON-LOAD BEARING SPANDREL
- SW - PRECAST SHEAR WALL



NO.	DATE	DESCRIPTION

MECHANICS ROW PARKING GARAGE PHASE 7 REPAIRS
AUBURN, ME

TITLE
LEVEL 1 PLAN

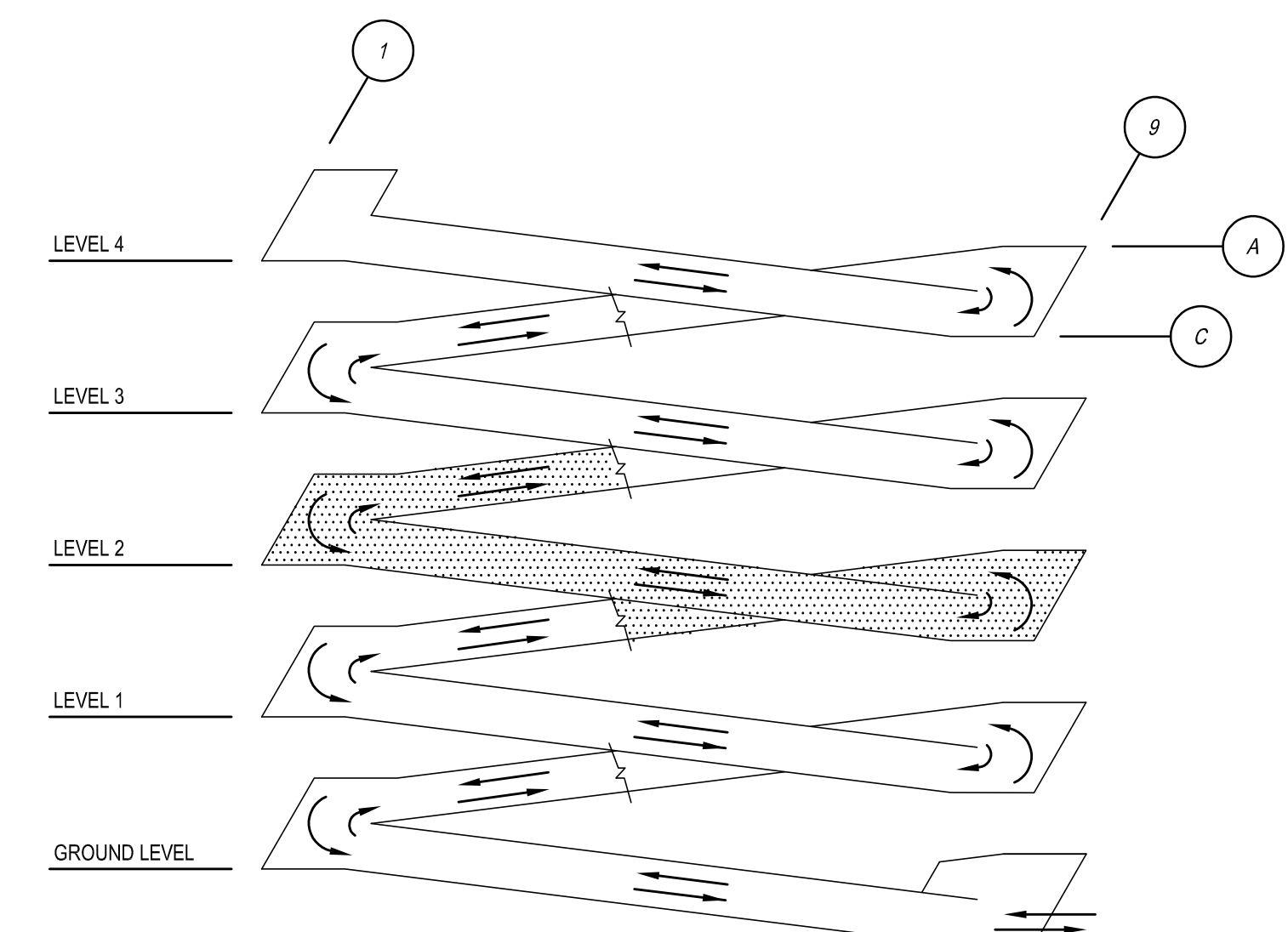
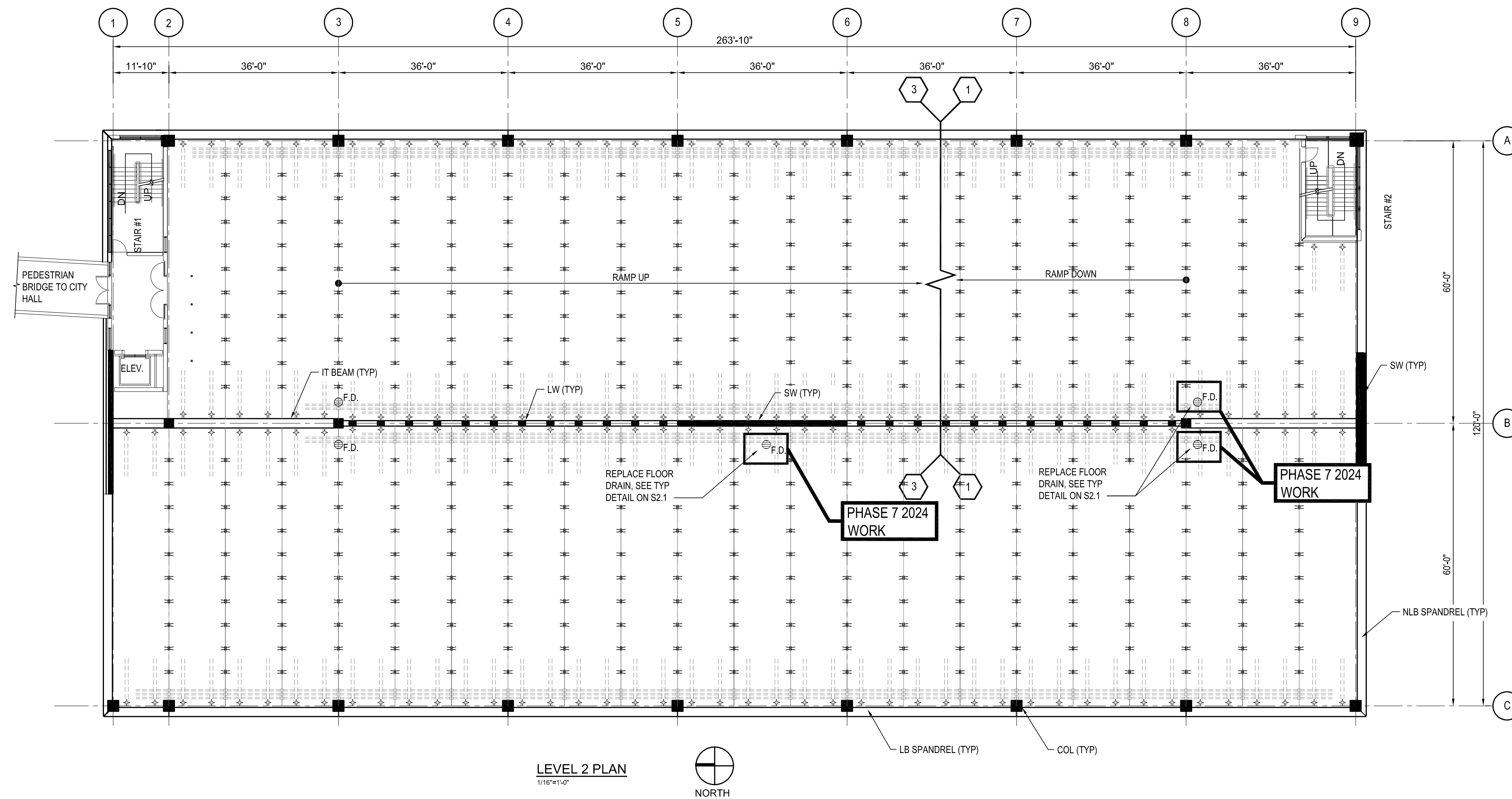
PROJECT
P23241
SCALE
AS NOTED
DRAWN BY
ATS
DATE
2/2/24
SHEET NUMBER
S1.1

SCOPE OF WORK LEVEL 2 - PHASE 7

ITEM	DESCRIPTION	QUANTITY	UNIT	NOTES
1	FLOOR DRAIN REPLACEMENT	3	EA	

KEY

- F.D. ◉ FLOOR DRAIN
- ◻ CONCRETE REPAIR
- ≡ DT TO DT SHEAR CONNECTION
- ≡≡ DT TO DT CHORD TIE CONNECTION
- ✦ DT TO SW/LW/IT B/M/LB SPANDREL CONNECTION
- △ DT TO SW/STAIR/NLB SPANDREL CONNECTION (UNDERSIDE OF DT)
- EXPOSED REINFORCEMENT REPAIR AT DT FLANGE
- CRACK CHASE REPAIR
- JOINT SEALANT REPLACEMENT
- TRAFFIC MEMBRANE RECOAT
- ◻ NOT IN CONTRACT
- ◻ PHASE 6 REPAIR SCOPE OF WORK
- ◻ EJ - EXPANSION JOINT
- DT - PRECAST DOUBLE TEE
- PC - PRECAST
- LW - PRECAST LITEWALL
- SW - PRECAST SHEARWALL
- CJ - CONTROL/CONSTRUCTION JOINT
- CIP - CAST IN PLACE CONCRETE
- SOG - SLAB ON GRADE
- IT BM - PRECAST INVERTED TEE BEAM
- LBS - PRECAST LOAD BEARING SPANDREL
- NLBS - PRECAST NON-LOAD BEARING SPANDREL
- SW - PRECAST SHEAR WALL

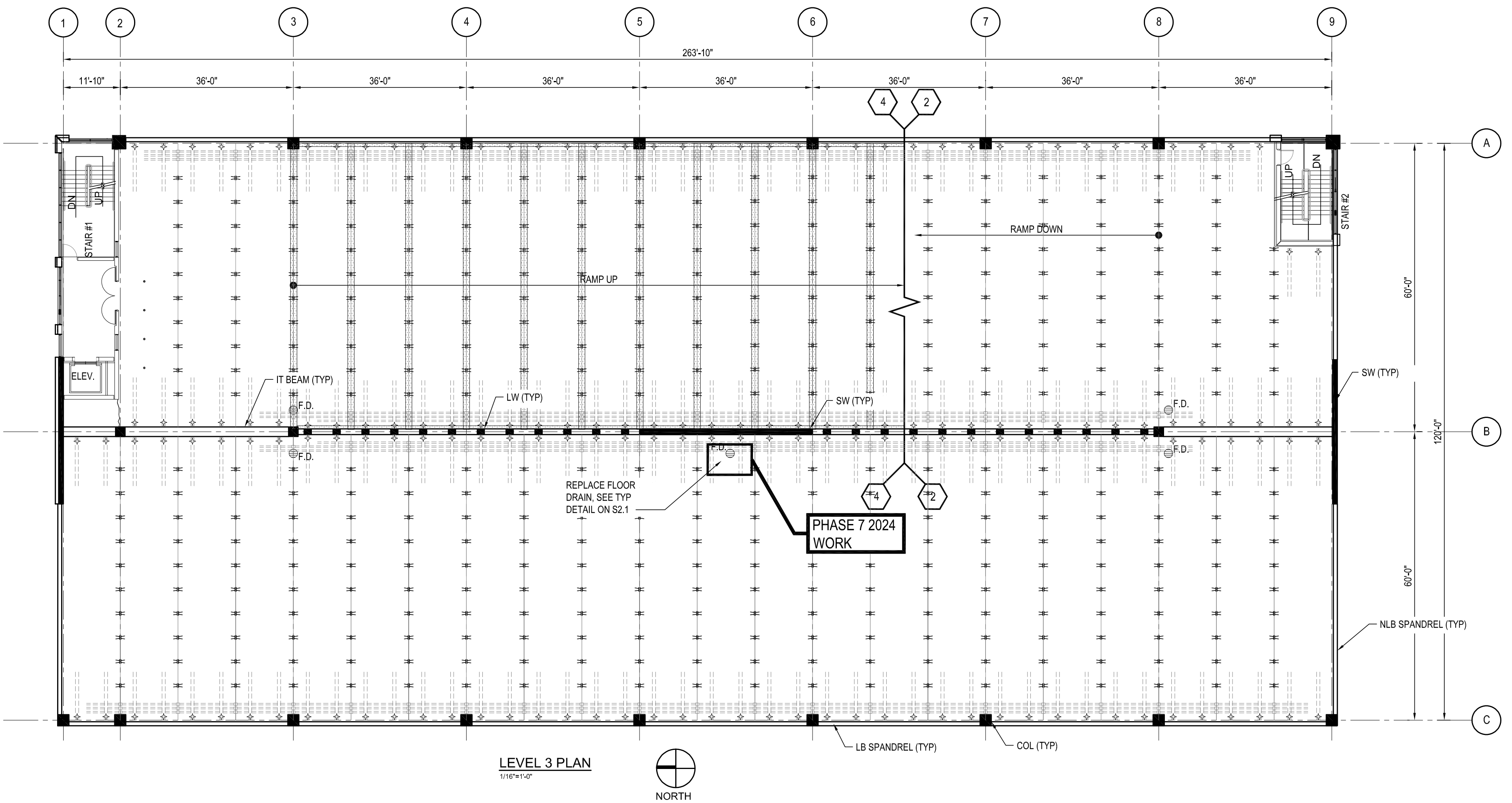


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MECHANICS ROW PARKING GARAGE PHASE 7 REPAIRS AUBURN, ME

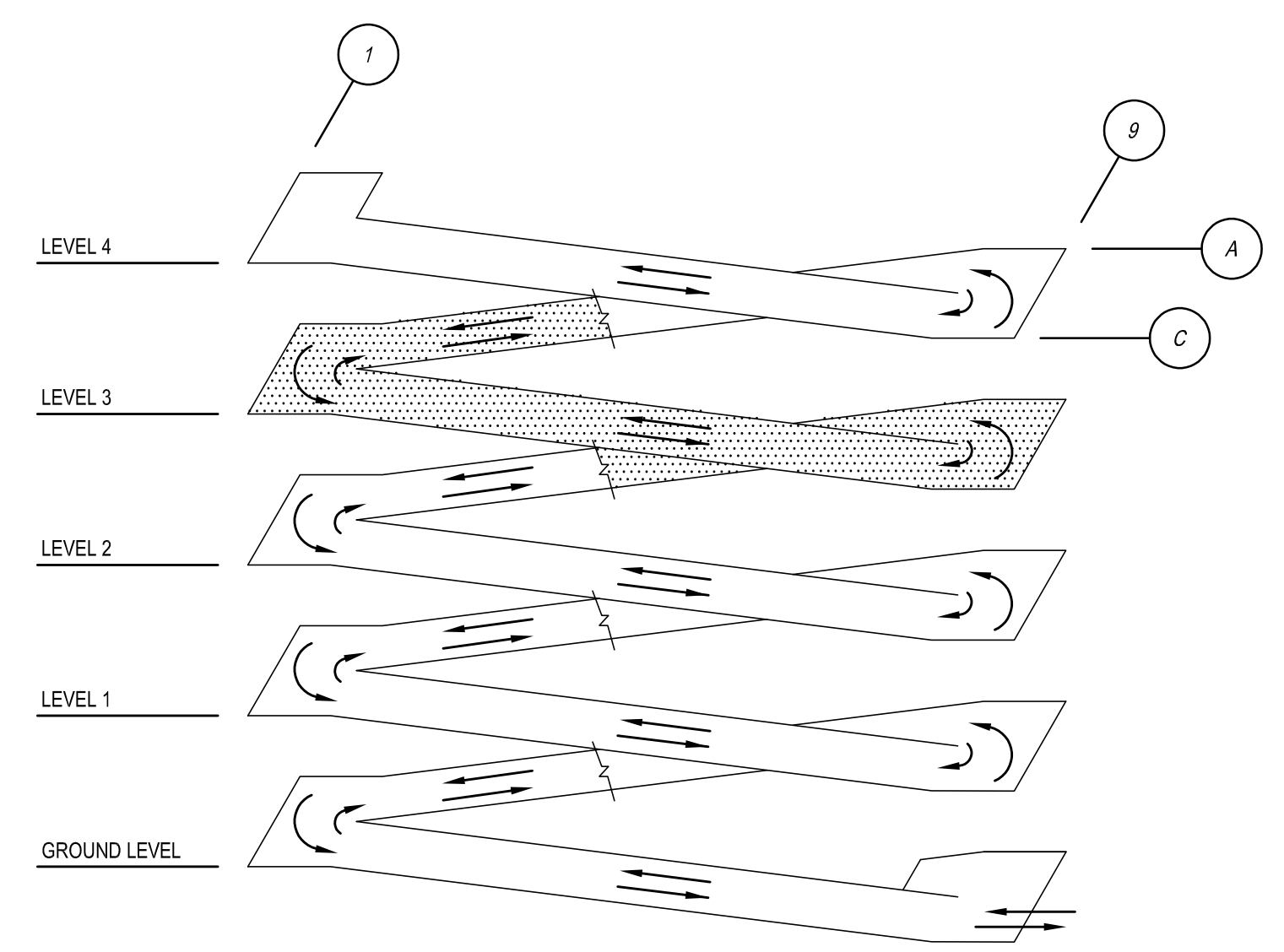
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LEVEL 2

PROJECT: P23241
SHEET: AS NOTED
DRAWN BY: AYS
DATE: 2/26/24
SHEET NUMBER: S1.2



SCOPE OF WORK LEVEL 3 - PHASE 7				
ITEM	DESCRIPTION	QUANTITY	UNIT	NOTES
1	FLOOR DRAIN REPLACEMENT	3	EA	
2	JOINT SEALANT REPLACEMENT	20	LF	AT LEAKING JOINTS

- KEY**
- F.D. @ FLOOR DRAIN
 - CONCRETE REPAIR
 - DT TO DT SHEAR CONNECTION
 - DT TO DT CHORD TIE CONNECTION
 - DT TO SWLWIT BMLB SPANDREL CONNECTION
 - DT TO SWSTAIRNLB SPANDREL CONNECTION (UNDERSIDE OF DT)
 - EXPOSED REINFORCEMENT REPAIR AT DT FLANGE
 - CRACK CHASE REPAIR
 - JOINT SEALANT REPLACEMENT
 - TRAFFIC MEMBRANE RECOAT
 - NOT IN CONTRACT
 - PHASE 6 REPAIR SCOPE OF WORK
 - EJ - EXPANSION JOINT
 - DT - PRECAST DOUBLE TEE
 - PC - PRECAST
 - LW - PRECAST LITWALL
 - SW - PRECAST SHEARWALL
 - CJ - CONTROL/CONSTRUCTION JOINT
 - CIP - CAST IN PLACE CONCRETE
 - SOG - SLAB ON GRADE
 - ITBM - PRECAST INVERTED TEE BEAM
 - LBS - PRECAST LOAD BEARING SPANDREL
 - NLBS - PRECAST NON-LOAD BEARING SPANDREL
 - SW - PRECAST SHEAR WALL



NO.	ISSUE	DATE

MECHANICS ROW PARKING GARAGE PHASE 7 REPAIRS
 AUBURN, ME

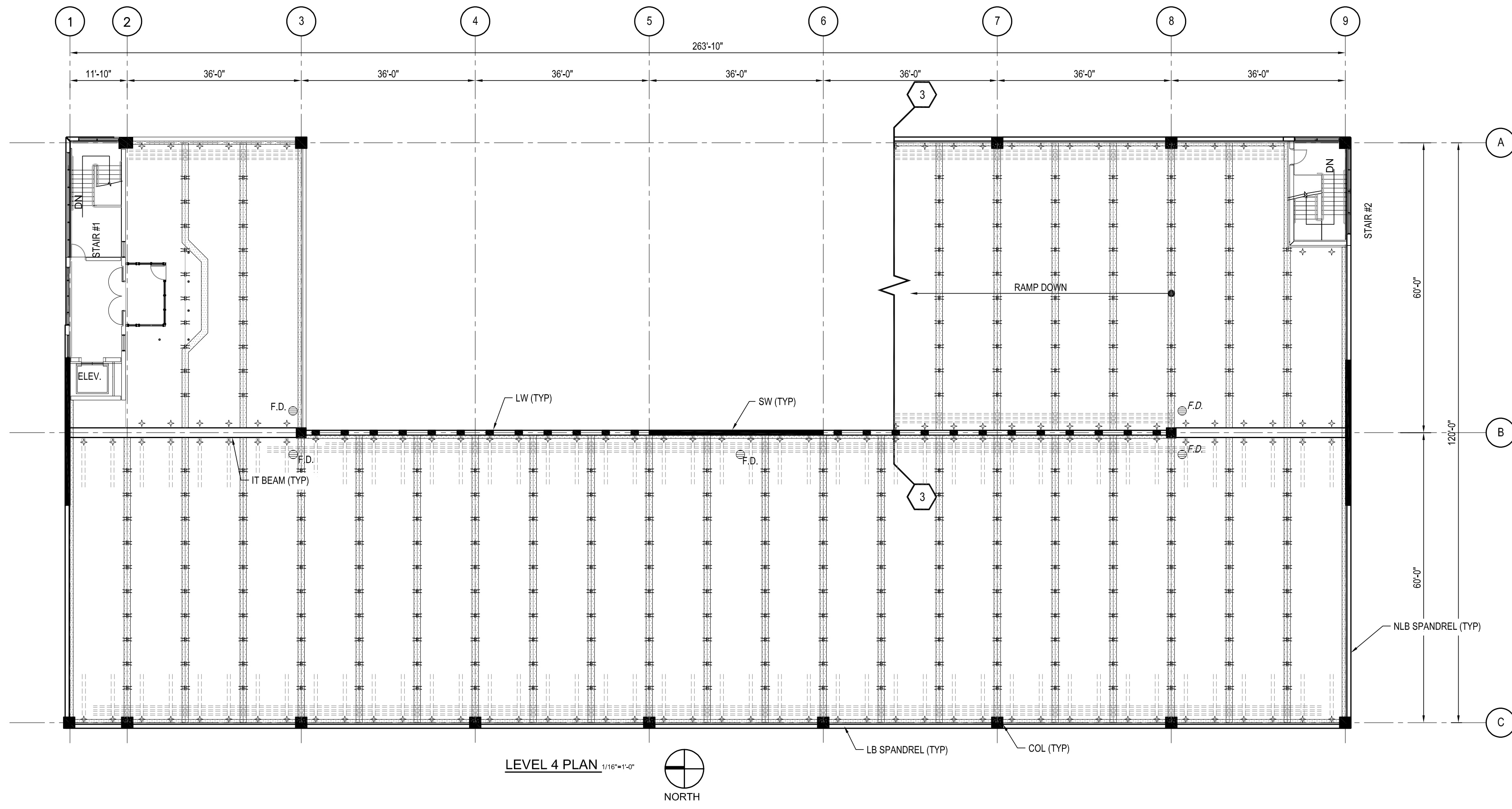
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PROJECT: P23241
 SHEET: AS NOTED
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 DATE: 2/25/24

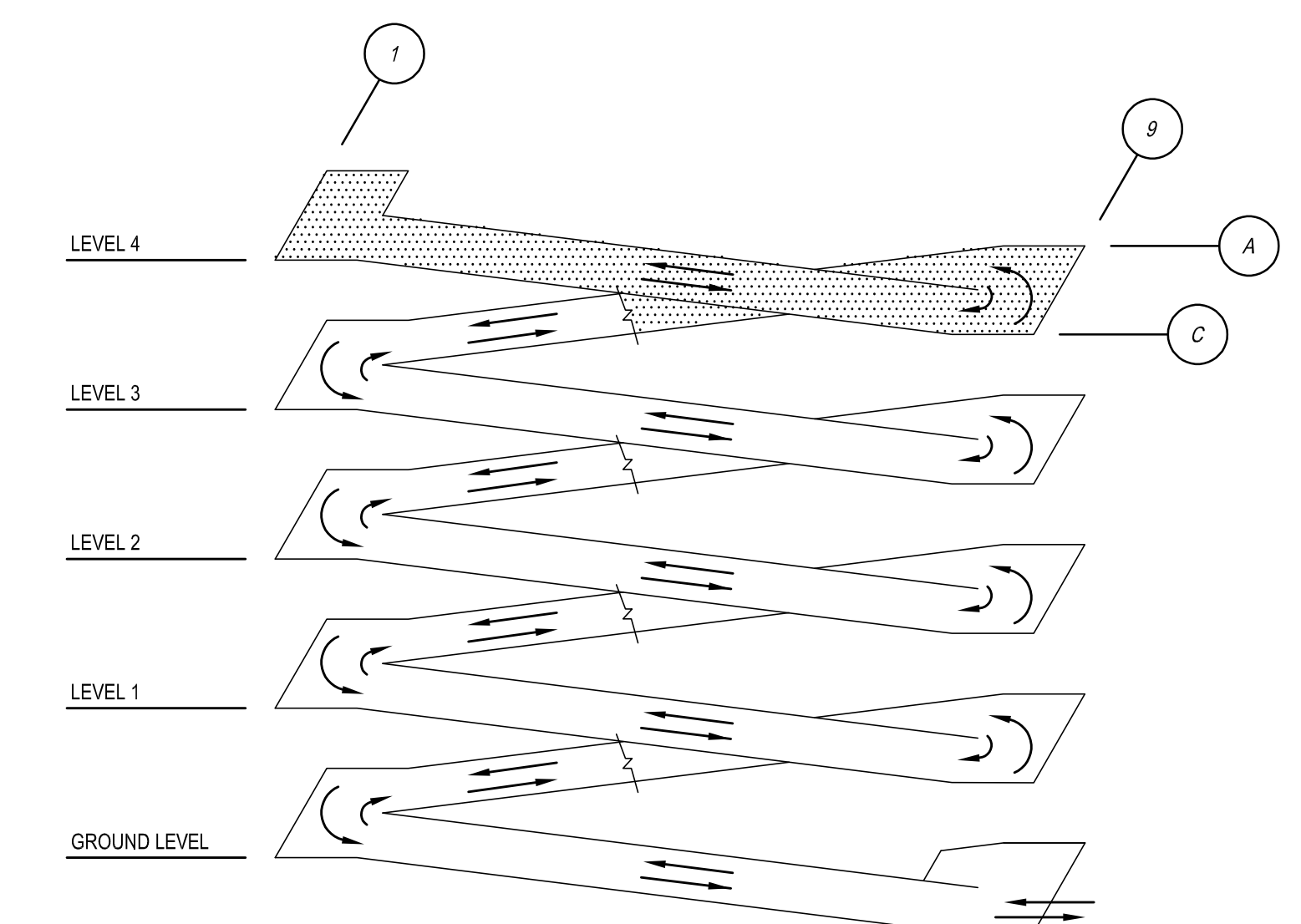
SHEET NUMBER: **S1.3**

SCOPE OF WORK LEVEL 4 - PHASE 7

ITEM	DESCRIPTION	QUANTITY	UNIT	NOTES
1	JOINT SEALANT REPLACEMENT	30	LF	AT LEAKING JOINTS



- KEY**
- F.D. ⊙ FLOOR DRAIN
 - ▨ CONCRETE REPAIR
 - ⊕ DT TO DT SHEAR CONNECTION
 - ⊕ DT TO DT CHORD TIE CONNECTION
 - ⊕ DT TO SW/LW/IT BMLB SPANDREL CONNECTION
 - △ DT TO SW/STAIR/NLB SPANDREL CONNECTION (UNDERSIDE OF DT)
 - ▬ EXPOSED REINFORCEMENT REPAIR AT DT FLANGE
 - CRACK CHASE REPAIR
 - JOINT SEALANT REPLACEMENT
 - ▨ TRAFFIC MEMBRANE RECOAT
 - ▨ NOT IN CONTRACT
 - ▨ PHASE 6 REPAIR SCOPE OF WORK
 - ⊕ EJ - EXPANSION JOINT
 - DT - PRECAST DOUBLE TEE
 - PC - PRECAST
 - LW - PRECAST LITEWALL
 - SW - PRECAST SHEARWALL
 - CJ - CONTROL/CONSTRUCTION JOINT
 - CIP - CAST IN PLACE CONCRETE
 - SOG - SLAB ON GRADE
 - IT BM - PRECAST INVERTED TEE BEAM
 - LBS - PRECAST LOAD BEARING SPANDREL
 - NLBS - PRECAST NON-LOAD BEARING SPANDREL
 - SW - PRECAST SHEAR WALL



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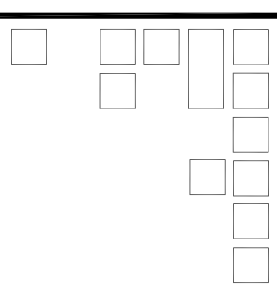
NO.	REVISION	DATE

MECHANICS ROW PARKING GARAGE PHASE 7 REPAIRS
 AUBURN, ME

TITLE: **LEVEL 4**

PROJECT: P23241
 SHEET: AS NOTED
 DRAWN BY: ATE
 DATE: 2/8/24

SHEET NUMBER: **S1.4**



CLEAN ALL PRECAST
 FACADE ELEMENTS, TYP

SOUTH ELEVATION
 N.T.S.



CLEAN ALL PRECAST
 FACADE ELEMENTS, TYP

WEST ELEVATION
 N.T.S.



CLEAN ALL PRECAST
 FACADE ELEMENTS, TYP

NO SCOPE OF
 WORK AT SKY
 BRIDGE

NORTH & WEST ELEVATION
 N.T.S.



CLEAN ALL PRECAST
 FACADE ELEMENTS, TYP

SOUTH EAST STAIR TOWER
 N.T.S.

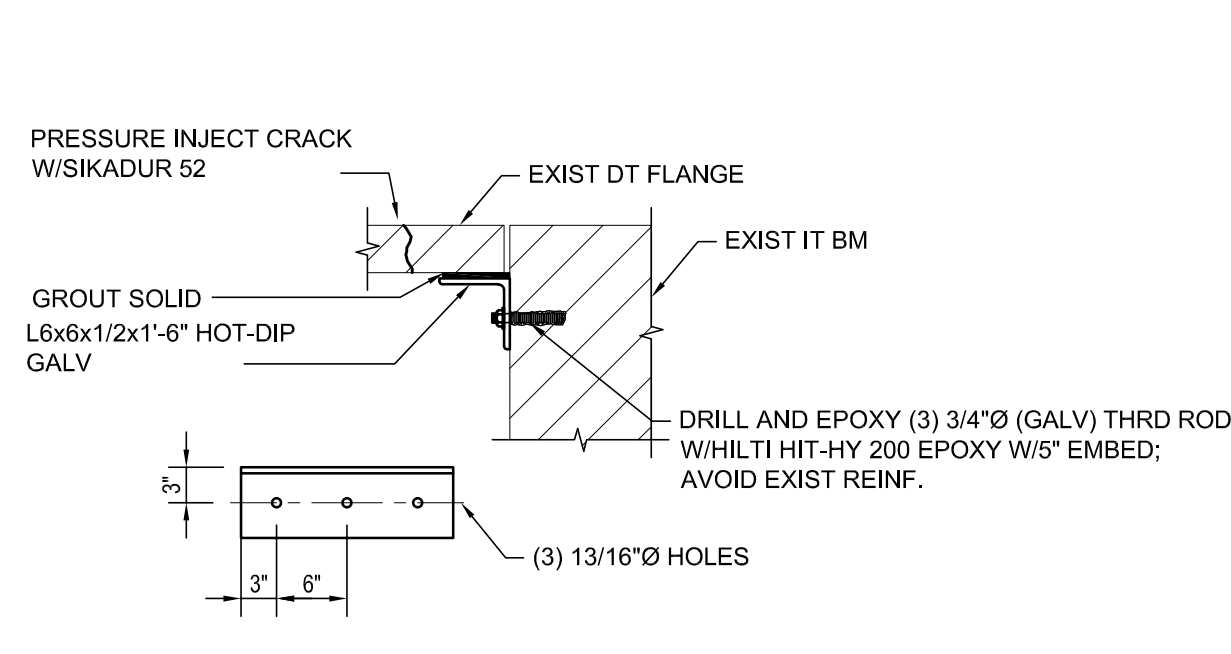
SCOPE OF WORK FACADE - PHASE 7

ITEM	WORKCODE	DESCRIPTION	QUANTITY	UNIT	NOTES
1		CLEAN PRECAST NORTH FACADE	1	EA	
1		CLEAN PRECAST EAST FACADE	1	EA	
1		CLEAN PRECAST SOUTH FACADE	1	EA	
1		CLEAN PRECAST WEST FACADE	1	EA	

NO.	DATE

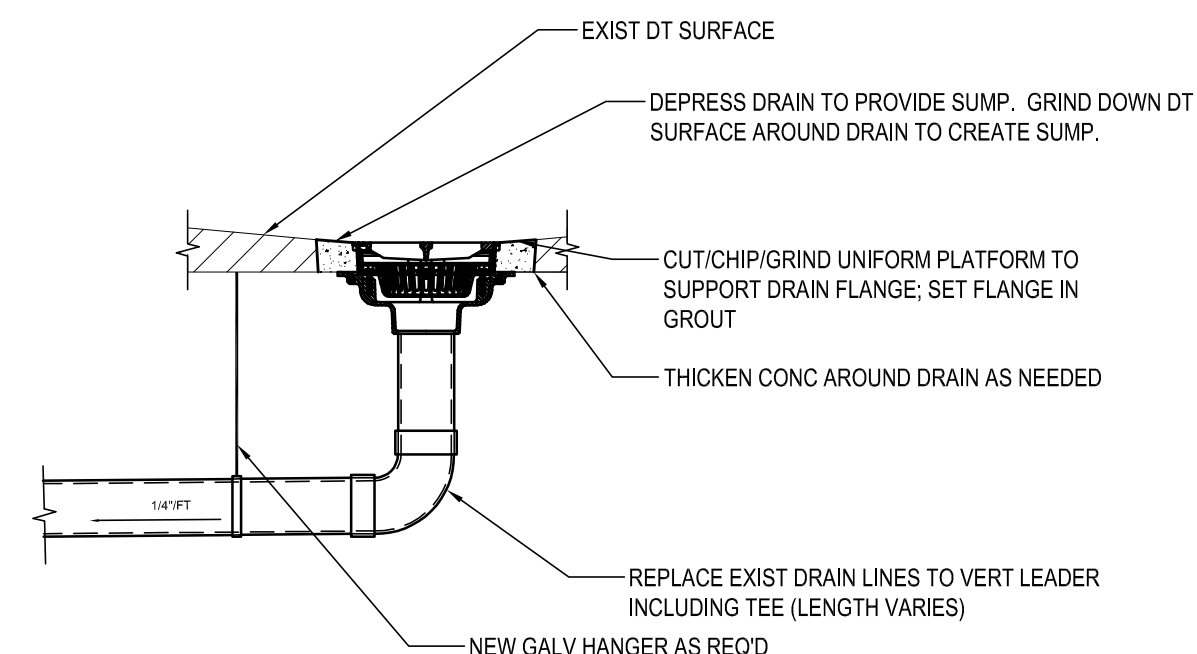
**MECHANICS ROW PARKING
 GARAGE
 PHASE 7 REPAIRS**
 AUBURN, ME

**TITLE
 GARAGE
 ELEVATIONS**



TYPICAL DT FLANGE REPAIR

N.T.S.



TYPICAL DRAIN REPLACEMENT DETAIL

N.T.S.

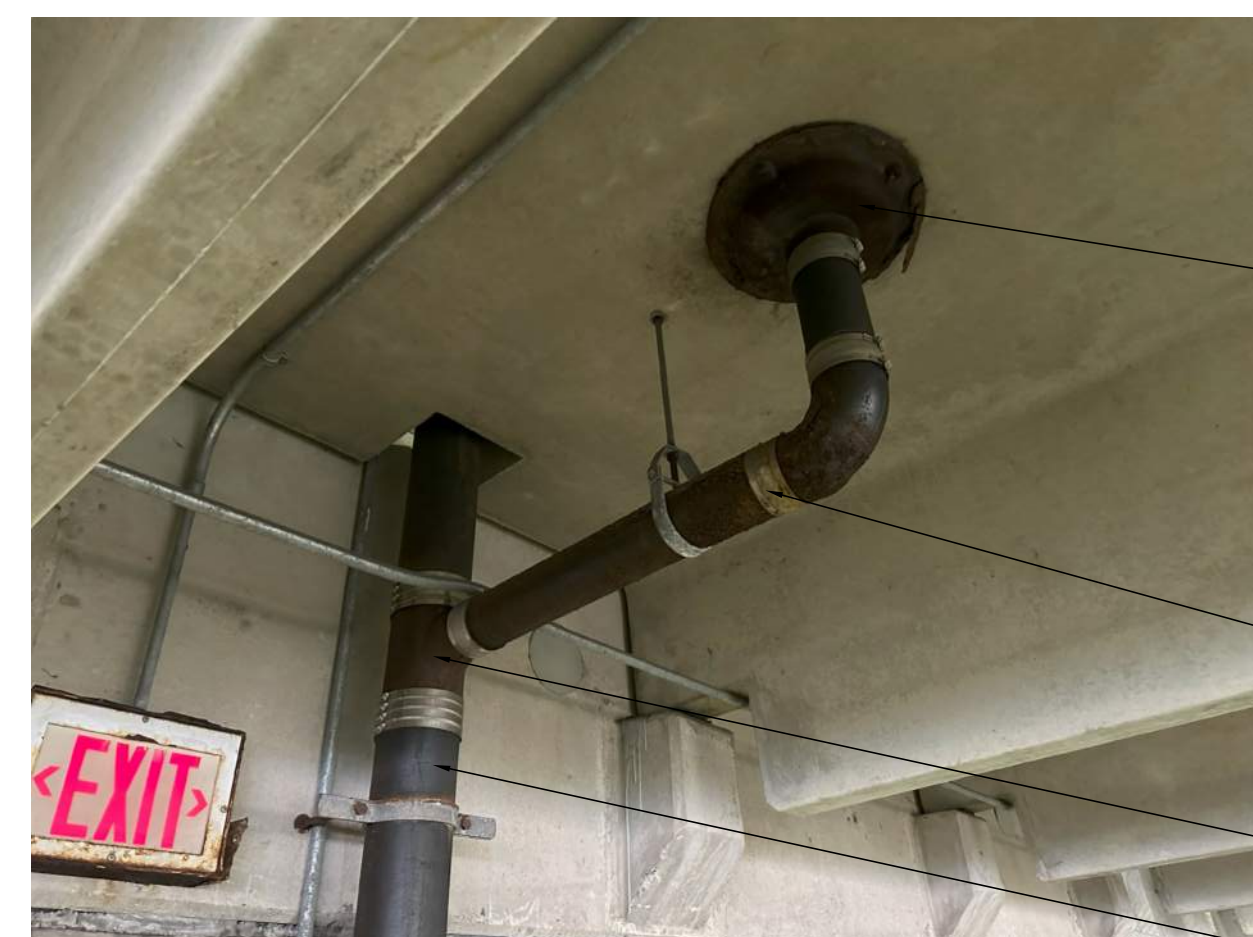
NOTES:

1. PROVIDE NEW DECK DRAIN CAST IRON ZURN Z610 WITH SEDIMENT BUCKET TO MATCH EXISTING. INSTALL DRAIN AT EXISTING DRAIN LOCATION.
2. REPLACE EXISTING CAST IRON DRAIN LINE TO MATCH EXISTING DIAMETER AND SLOPE AT 1/4" FT MIN. ASSUME 8 LINEAR FEET OF DRAIN LINE REPLACEMENT PER DRAIN.
3. EXTEND NEW DRAIN LINES TO THE NEAREST VERTICAL LEADERS. PROVIDE ALL NECESSARY HANGERS, CLEANOUTS, SUPPORT AND CONNECTORS TO EXISTING DRAIN LINES TO MATCH EXISTING LAYOUT. COORDINATE ACCESS TO EVIDENCE STORAGE WITH AUBURN POLICE DEPARTMENT.



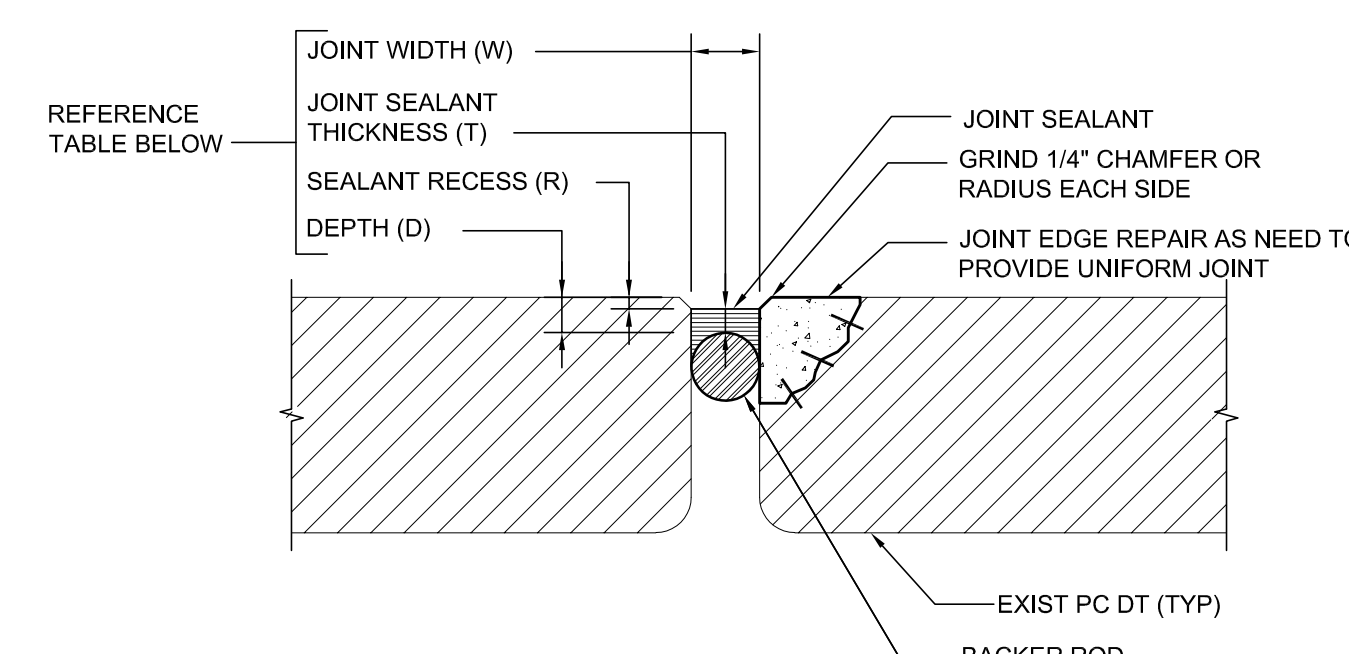
TYPICAL DRAIN & DRAIN LINE REPLACEMENT DETAIL

N.T.S.



TYPICAL DRAIN & DRAIN LINE REPLACEMENT DETAIL

N.T.S.



TYPICAL JOINT SEALANT REPLACEMENT DETAIL

JOINT SEALANT NOTES

SEALANT REMOVAL:

1. REMOVE ALL TRACES OF EXISTING JOINT SEALANT.
2. REMOVE ALL EXISTING BACKER/BOND BREAKER MATERIAL.

PREPARATION:

1. SOUND ALL EXISTING CONCRETE ON EDGES OF EXISTING JOINTS. REMOVE ALL EXISTING DELAMINATED CONCRETE FOUND AND AS NOTED ON DRAWINGS. KEEP RECORDS OF CONCRETE REMOVED, INCLUDING AREA (SF).
2. REPAIR ALL EXISTING CONCRETE AS PER DETAILS. ALLOW REPAIR TO PROPERLY CURE PRIOR TO INSTALLING JOINT SEALANT. COORDINATE REQUIREMENTS WITH SEALANT MANUFACTURERS RECOMMENDATIONS.
3. JOINT DIMENSIONS: EXISTING PREPARED JOINTS SHALL CONFORM TO TABLE.

JOINT DIMENSIONS				
W	D	R	T	PRIMER
<1"	5/8"	1/8"	W/2"	REQ'D
1"-1 1/2"	7/8"	1/8"	1/2"	REQ'D
1 1/2"-2"	1 1/4"	1/4"	1/2"	REQ'D
>2"	NOTIFY ENGINEER			

4. GRIND EDGE OF EXISTING CONCRETE AND REPAIRS TO 1/4"± CHAMFER OR RADIUS.
5. ALL JOINT SURFACES MUST BE STRUCTURALLY SOUND, FULLY CURED, CLEAN, FREE OF DIRT, MOISTURE, LOOSE PARTICLES, OIL, GREASE, ASPHALT, TAR, PAINT, WAX, RUST, WATERPROOFING, CURING AND PARTING COMPOUNDS AND MEMBRANE MATERIALS.
6. CLEAN BY GRINDING, SANDBLASTING OR WIRE BRUSHING TO EXPOSE A SOUND SURFACE FREE OF CONTAMINATION AND LAITANCE.
7. ALL JOINTS SHALL BE FREE OF MOISTURE AND/OR FROST.
8. DT-DT CONNECTIONS EXPOSED DURING THE PREPARATION OF THE JOINT SUBSTRATE SHALL BE REPAIRED PER DETAILS ON SZ.1.

PRIMER

1. APPLICATION OF PRIMER IS A REQUIREMENT.
2. PREPARE AND ALLOW FOR PRIMER TO CURE PROPERLY, PRIOR TO INSTALLING SEALANT.
3. PROVIDE A PRIMER APPROVED BY SEALANT MANUFACTURER
4. INSTALLATION SHALL CONFORM TO MANUFACTURERS REQUIREMENTS.

SEALANT INSTALLATION

1. INSPECT ALL SURFACES PRIOR TO INSTALLING SEALANT. INSTALLATION OF SEALANT IMPLIES ACCEPTANCE OF SUBSTRATE CONDITIONS.
2. SUBSTRATE TEMPERATURE SHALL BE BETWEEN 40°F TO 70°F. INSTALLATION OF SEALANT OUTSIDE THIS RANGE SHALL BE PERMITTED ONLY IF WRITTEN INSTALLATION PROCEDURES ARE SUBMITTED FROM SEALANT MANUFACTURER WITH ASSURANCE THAT THIS INSTALLATION WILL NOT VOID MATERIAL & INSTALLATION WARRANTY.
3. INSTALL BACKER ROD AND BOND BREAKER TAPE OVER DT-DT FLANGE CONNECTIONS IF REQUIRED.
4. REFER TO MANUFACTURERS DATA SHEETS AND MATERIAL SAFETY DATA SHEETS FOR ANY NECESSARY PRECAUTIONS REGARDING EXPOSURE TO ALL MATERIALS.
5. MULTIPLE COMPONENT PRODUCTS SHALL BE MIXED IN STRICT ACCORDANCE WITH SEALANT MANUFACTURERS RECOMMENDATIONS. MIX ONLY AS MUCH SEALANT AS CAN BE INSTALLED WITHIN SPECIFIED POT-LIFE OF THE MATERIAL.
6. SELECT PROPER NOZZLE FOR JOINT BEING GUNNED AND HOLD GUN AT 45° ANGLE FROM JOINT. PLACE NOZZLE INTO BOTTOM OF JOINT AND FILL ENTIRE JOINT, KEEPING NOZZLE DEEP IN SEALANT, CONTINUE WITH STEADY FLOW OF SEALANT PRECEDING THE NOZZLE TO AVOID AIR ENTRAPMENT.
7. TOOL JOINTS AS REQUIRED WITH A DRY TOOL FREE OF TOOLING AIDS. PROVIDE A CONCAVE SHAPE WITH RECESS AS NOTED IN THE TABLE ABOVE.
8. INSTALL SEALANT EVENLY AND RECESS BELOW SURFACE PER TABLE. **DO NOT OVERFILL JOINT.**
9. CURING: ALL JOINTS MUST BE PROTECTED FROM TRAFFIC AND TOTAL WATER IMMERSION FOR THE DURATION OF THE MANUFACTURERS SPECIFIED CURE TIME. CONTRACTOR SHALL SUPPLY ALL NECESSARY PROTECTION AGAINST MOISTURE AND ALLOW UNINTERRUPTED TRAFFIC FLOW THROUGH THE GARAGE.
10. CLEAN UP SHALL CONFORM TO MANUFACTURER'S RECOMMENDATIONS AND ALL GOVERNMENTAL REGULATIONS.
11. WATER TEST EACH SEALANT JOINT SURFACE FOR LEAKS FOR A MINIMUM OF 4 HOURS ENSURING FULL COVERAGE OF JOINT SURFACE. REPAIR AND REPEAT WATER TESTS AT LEAKING JOINTS UNTIL SEALANT JOINT INSTALLATION IS WATERTIGHT.

MOCKUP

1. A MOCKUP OF A TYPICAL JOINT SHALL BE COMPLETED PRIOR TO COMMENCING WORK. MOCKUP SHALL BE REVIEWED BY SEALANT MANUFACTURER, SEALANT INSTALLER, ENGINEER AND OWNER. PROVIDE 1/2 JOINT MOCKUP. CONTRACTOR SHALL ALLOW ENGINEER TO PERFORM ADHESION TESTING AS NEEDED. (REFERENCE SPECIFICATIONS).

NO.	DATE