

MANCHESTER•BOSTON REGIONAL AIRPORT

PARKING GARAGE: LEVEL-5 FLOOR & LEVEL-4 CEILING SEALANTS, WATERPROOFING, & MISCELLANEOUS REPAIRS (FY21-805-31)



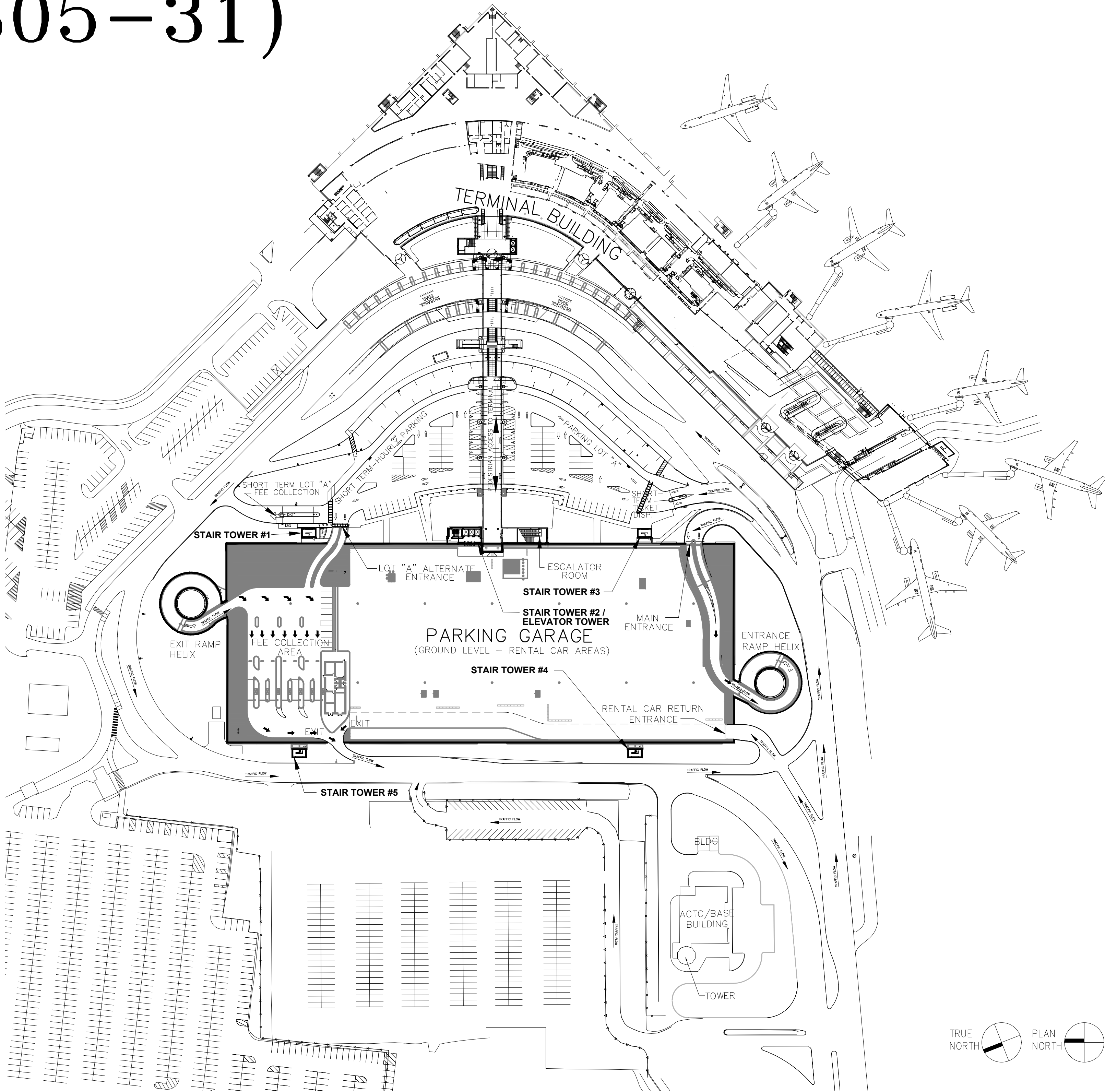
One Airport Road, Suite 300
Manchester, New Hampshire 03103
www.flymanchester.com



1155 ELM STREET, SUITE 401
MANCHESTER, NH 03101
PROJECT # 60638480_T05

LIST OF DRAWINGS

SHEET #	DRAWING NO.	TITLE
GENERAL:		
1	TS.21-1	TITLE SHEET & AIRPORT SITE PLAN
2	GN.21-1	GENERAL NOTES & WORK ITEM LIST
3	PZ.21-4/5	PHASING AND TRAFFIC PLAN: LEVEL 4 & 5
REPAIR PLANS:		
4	RP.21-FLR.5N	REPAIR PLAN: LEVEL 5 – FLOOR NORTH END
5	RP.21-FLR.5S	REPAIR PLAN: LEVEL 5 – FLOOR SOUTH END
6	RP.21-CLG.4N	REPAIR PLAN: LEVEL 4 – CEILING NORTH END
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REPAIR DETAILS:		
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AIRPORT SITE PLAN – GARAGE AREA
SCALE: 1:100

PATH\\FILENAME: C:\USERS\JOHN\GROUSE\PROJECTS\14A-TRAVEL EDITION\WVF GARAGE LVLS FLOOR & 4 CEILING ---\CAD DWGS ARE ON MANCH SERVER AS OF 04152021\NOON\2_GN21-1_GENERAL NOTES.DWG
LAST UPDATE: Wednesday, April 14, 2021 11:31:05 AM
PLOT DATE: Thursday, April 15, 2021 5:51:07 PM
ARCH D - 14-Apr-21

D

C

B

A

ABBREVIATIONS:

ACI	AMERICAN CONCRETE INSTITUTE	JT.	JOINT
ADD'L.	ADDITIONAL		
ADJ.	ADJACENT	K	KIP(S)
ALT.	ALTERNATE	K.S.I.	KIPS PER SQUARE INCH
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS		
AWS & ®	AMERICAN WELDING SOCIETY AND AT	LB.(S)	POUND(S)
		L.F.	LINEAR FEET
		LG.	LONG (LENGTH)
		L.P.	LOW POINT
BIT.	BITUMINOUS	MAX.	MAXIMUM
BM.	BEAM	MECH.	MECHANICAL
B.O.	BOTTOM OF	MEMB.	MEMBER (MEMBRANE)
BOT.	BOTTOM	MFG.	MANUFACTURER
BRG.	BEARING	MIN.	MINIMUM
C.F.	CUBIC FEET	NO.	NUMBER
C.I.P.	CAST-IN-PLACE	N.T.S.	NOT TO SCALE
CJ	CONSTRUCTION JOINT		
CMU	CONCRETE MASONRY UNIT	O.C.	ON-CENTER
COL.(S)	COLUMN(S)	OPNG.	OPENING
CONC.	CONCRETE	OPP.	OPPOSITE
CONN.	CONNECTION		
CONST.	CONSTRUCTION	P/C	PRECAST CONCRETE
CONT.	CONTINUOUS	P.C.I.	PRECAST CONCRETE INSTITUTE
CTR.	CENTER	PEN.	PENETRATION
		PL.	PLATE
DIA.	DIAMETER	POLY	POLYETHYLENE
DEMO.	DEMOLISH	PROJ.	PROJECTION
DET.	DETAIL	P.S.F.	POUNDS PER SQUARE FOOT
DIAG.	DIAGONAL	P.S.I.	POUNDS PER SQUARE INCH
D.T.	DOUBLE TEE	PVC	POLYVINYL CHLORIDE
DWG.(S)	DRAWING(S)		
DWL.(S)	DOWEL(S)	REF.	REFERENCE
		REINF.	REINFORCEMENT (REINFORCED)
		REQ'D	REQUIRED
EA.	EACH		
E.F.	EACH FACE		
E.J. (E/J)	EXPANSION JOINT	SCHED.	SCHEDULE
EL.	ELEVATION	SECT.	SECTION
ELEC.	ELECTRICAL	S.F.	SQUARE FEET
EMBED.	EMBEDMENT	SIM.	SIMILAR
EQ.	EQUAL	SP.	SPACES
E.W.	EACH WAY	SQ.	SQUARE
EWEF	EACH WAY, EACH FACE	SST	STAINLESS STEEL
EXIST.	EXISTING	STD.	STANDARD
EXP.	EXPANSION	STOR.	STORAGE
EXT.	EXTERIOR		
		T&B	TOP AND BOTTOM
		T.A.R.	TYPICAL AS REQUIRED
FIN.	FINISHED	TB	TIE BEAM
FL.	FLOOR	TEMP.	TEMPORARY (TEMPERATURE)
FND.	FOUNDATION	THK.	THICK
FT.	FOOT (FEET)	TJ	TOOLED JOINT
FTG.	FOOTING	T.O.	TOP OF
		T.O.C.	TOP OF CONCRETE
GA.	GAGE	T.O.S.	TOP OF STEEL
GAL.	GALLON(S)	T.O.W.	TOP OF WALL
GALV.	GALVANIZED	TYP.	TYPICAL
G.C.	GENERAL CONTRACTOR		
GR.	GRADE	U.N.O.	UNLESS NOTED OTHERWISE
H.A.S.	HEADED ANCHOR STUD	V (VERT.)	VERTICAL
HDG	HOT DIP GALVANIZED	V.E.F.	VERTICAL EACH FACE
HDP	HIGH-DENSITY POLYETHYLENE		
H.E.F.	HORIZONTAL EACH FACE		
HORIZ.	HORIZONTAL	W	WIDE OR WIDTH
H.P.	HIGH POINT	W/C	WATER TO CEMENT RATIO
HSS	HOLLOW STRUCTURAL SECTIONS	W.W.F.	WELDED WIRE FABRIC
		W/	WITH
IN.	INCH(ES)		
INFO.	INFORMATION		
INV.	INVERTED		
I.T.	INVERTED TEE		

SYMBOLS

=	EQUALS
>	GREATER THAN
<	LESS THAN
≥	GREATER THAN OR EQUAL
≤	LESS THAN OR EQUAL
%	PERCENT
±	PLUS/MINUS
#	NUMBER
f'c	SPECIFIED 28-DAY DESIGN COMPRESSIVE STRENGTH OF CONCRETE
Fy	SPECIFIED YIELD STRENGTH
ø	DIAMETER
#4@18	REINFORCING BAR SIZE AND SPACING

LEGEND:

1.1 BUBBLE NUMBER REFERS TO SPECIFIC REPAIR DETAIL IN THE DETAIL SHEETS AND/OR REFERS TO SPECIFICATIONS SECTION 02000 "WORK ITEMS".

GENERAL NOTES – PARKING GARAGE REPAIRS:

*CONSTRUCTION DOCUMENTS INCLUDE THE PLANS AND DETAILS ON THE FOLLOWING DRAWINGS AND SEPARATELY BOUND SPECIFICATIONS.

- CONSTRUCTION:
 - CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE OF NEW HAMPSHIRE AND CITY OF MANCHESTER CODES AND ORDINANCES, INCLUDING FIRE CODES.
 - ALL DRAIN AND PIPING WORK SHALL CONFORM TO LOCAL BUILDING CODES.
 - ALL MATERIAL PROPERTIES SHALL BE AS NOTED IN THE SPECIFICATION.
 - COORDINATE ALL UTILITIES SHUTDOWNS WITH OWNER PRIOR TO INTERRUPTING SERVICES.
 - CONTRACTOR SHALL CONFORM TO TRAFFIC FLOW COORDINATION AND AREA CLOSURE REQUIREMENTS CONTAINED IN THE CONTRACT DOCUMENTS.
 - CONTRACTOR SHALL LIMIT FLOOR LOADING WITHIN THE WORK AREA TO NO MORE THAN 50 PSF. VEHICLE WHEEL LOADS SHALL BE LIMITED TO A MAXIMUM OF 2,000 LBS OVER A 20 SQ. IN. TIRE CONTACT AREA (FLOOR DESIGN LOAD). CONTRACTOR SHALL NOT STORE SUPPLIES OR PARK VEHICLES OVER ANY SHORED AREAS.
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD.
- INTENT OF THE REPAIR DRAWINGS:
 - THE INTENT OF THE STRUCTURAL REPAIR DRAWINGS IS TO SHOW THE EXISTING STRUCTURAL FEATURES AND THE GENERAL LOCATIONS OF REPAIR WORK.
 - BUBBLE NUMBER REFERS TO SPECIFIC REPAIR DETAIL IN THE DETAIL SHEETS AND/OR WORK ITEM IDENTIFIED IN SECTION 02000 OF THE PROJECT SPECIFICATIONS "WORK ITEMS". NOT ALL ITEMS ARE REPRESENTED WITH A DRAWING DETAIL.
 - WHERE WORK ITEM BUBBLE IS NOTED TYP., IT MEANS THE WORK IS TYPICAL THROUGHOUT THE REFERENCED WORK AREA.
 - WHERE WORK ITEM BUBBLE IS NOTED WITH T.A.R., THE WORK IS TYPICAL AS REQUIRED AND OCCURS AT AREAS IN ADDITION TO THE DESIGNATED LOCATION.
 - CONTRACTOR SHALL ESTABLISH EXTENT AND LOCATION OF WORK AND REPAIR AREA AND BE VERIFIED BY THE ENGINEER PRIOR TO COMMENCEMENT OF WORK AT EACH AREA.
 - REFER TO THE UNIT PRICE BID FORM FOR APPROXIMATED QUANTITIES FOR EACH WORK ITEM, AS APPLICABLE. QUANTITIES MAY VARY AND MAY BE INCREASED, DECREASED OR DELETED AT THE DISCRETION OF THE ENGINEER.
- CONCRETE:
 - CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI (28 DAY) CONFORMING TO NHDOT CLASS AA, AND SHALL BE HIGH EARLY STRENGTH MIX FOR A MINIMUM OF 3,000 PSI IN 5 DAYS. BAGGED MATERIAL MAY BE USED SUBJECT TO PRODUCT DATA, SUBMITTAL TO, AND APPROVAL BY, THE ENGINEER.
 - EXPOSED CONCRETE EDGES SHALL HAVE A 1/2" CHAMFER.
 - CONCRETE EXPOSED TO VIEW SHALL HAVE SMOOTH FORM FINISH WITH FINS AND FORM MARKS REMOVED TO A SMOOTH, STONE RUBBED SURFACE.
 - ALL REINF. SHALL MEET ASTM A615 REQUIREMENTS.
 - REINFORCEMENT INTENDED TO BE WELDED SHALL MEET ASTM A706 (REQUIREMENTS FOR WELDABLE REINFORCEMENT).
 - AT EXPOSED REINFORCEMENT WHERE CROSS-SECTIONAL LOSSES DUE TO DETERIORATION EXCEED 20 PERCENT, SPLICE WITH REINF. MATCHING EXISTING REINF. BAR SIZE. EXTEND LAP SPLICE REINFORCEMENT BEYOND DETERIORATED SECTION TO DEVELOP PROPER TENSION SPLICE OR, AT ENGINEERS DISCRETION, CONTRACTOR MAY BE DIRECTED TO USE MECHANICAL COUPLERS IN LIEU OF LAP SPLICE.
 - ALL EXPOSED REINF. SHALL BE CLEANED BY SAND BLASTING, WIRE SCABBLING TO REMOVE ALL TRACES OF RUST DOWN TO WHITE METAL.
 - COAT ALL EXPOSED REINF. WITH APPROVED EPOXY COATING.
- REMOVAL OF MATERIAL:
 - ALL MATERIAL REMOVED SHALL BE DONE WITH EXTREME CAUTION.
 - FOR REMOVAL OF MATERIAL AT AREAS TO BE PATCHED, PROVIDE NEAT SAWCUT TO 1" MAXIMUM DEPTH AT EDGES TO REMAIN.
 - NOTIFY ENGINEER IMMEDIATELY OF ANY FIELD CONDITIONS WHICH APPEAR TO DIFFER FROM THOSE SHOWN OR IMPLIED ON THE DRAWINGS.
 - RESTORE PRECAST PIECES REQUIRING STRUCTURAL REPAIR.
 - PROPERLY DISPOSE OF ALL MATERIALS REMOVED FROM THIS EXISTING STRUCTURE RELATED TO WORK COVERED BY THE CONTRACT DOCUMENTS.
- PAY ITEMS:
 - QUANTITIES FOR PAY ITEMS MUST BE VERIFIED BY THE FIELD ENGINEER AND/OR AUTHORIZED REPRESENTATIVE AND CONFIRMED BY THE GENERAL CONTRACTOR PRIOR TO SUBMISSION OF PAYMENT APPLICATIONS.

PHASING AND WORK ZONE CAPTURE NOTES:

- THE PROJECT SHALL BE PERFORMED IN (2) PHASES AS SHOWN ON THE PLANS AND DESCRIBED AS FOLLOWS:

PHASE 5S-F / 4S-C (LEVEL 5 SOUTH FLOOR & LEVEL 4 SOUTH CEILING): WORK AREA GENERALLY EXTENDS FROM COLUMN LINE 14.0 SOUTHWARD TO COLUMN LINE 26.

PHASE 5N-F / 4N-C (LEVEL 5 NORTH FLOOR & LEVEL 4 NORTH CEILING): WORK AREA GENERALLY EXTENDS FROM COLUMN LINE 14.0 NORTHWARD TO COLUMN LINE 2.
- THE OWNER (AIRPORT) WILL CLOSE AND CAPTURE THE WORK AREAS ON LEVEL-5 AND LEVEL-4 IN ADVANCE OF THE CONTRACTOR'S WORK IN ACCORDANCE WITH THE PROJECT MILESTONE SCHEDULE.
- THE OWNER WILL PLACE BARRICADES AND SIGNAGE AT THE HELIX ENTRANCES AND PEDESTRIAN ENTRANCES TO THE WORK AREAS. THE CONTRACTOR SHALL GIVE THE OWNER AT LEAST 2 WEEKS ADVANCE WRITTEN NOTICE (WITH EXPLANATION) IF THE MILESTONE SCHEDULE START-DATE OF A PHASE CANNOT BE MET.
- THE OWNER WILL FURNISH AND INSTALL VEHICULAR ACCESS LANE AND PEDESTRIAN WALKWAY TRAFFIC CONTROL DEVICES (BARRELS, ROPING, ETC.) AS ILLUSTRATED ON THE PLANS TO FACILITATE THE PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE OWNER TO VERIFY AND MONITOR THE ACCURACY OF SAFETY AREAS PLACEMENT AROUND AND UNDER HIS WORK TO ENSURE THE SAFETY OF THE GENERAL PUBLIC AND PROTECTION OF PARKED PATRON VEHICLES. CONTRACTOR SHALL MAINTAIN AND/OR ADJUST DEVICES TO SUIT THE WORK AREAS DELINEATION AND PUBLIC SAFETY.
- THE OWNER WILL FURNISH AND INSTALL DIRECTIONAL SIGNAGE AS INDICATED ON THE PLANS AND AS REQUIRED FOR PUBLIC USE OF THE FACILITY DURING CONSTRUCTION.
- PUBLIC PEDESTRIAN ACCESS TO THE ELEVATOR LOBBY SHALL BE MAINTAINED AT ALL TIMES. SUB-PHASING OF LOCALIZED WORK AREAS IN FRONT OF THE DOORS WILL BE REQUIRED TO BE PERFORMED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL NOT BEGIN THE WORK IN THE NORTH PHASE AREA UNTIL SPECIFICALLY AUTHORIZED TO DO SO BY THE OWNER. THE WORK IN THE SOUTH PHASE AREA MUST BE COMPLETE AND PREPARED FOR PUBLIC PARKING PRIOR TO RELOCATING THE TRAFFIC CONTROL AND BEGINNING GENERAL WORK IN THE NEXT PHASE AREA.
- ISOLATED (UNOCCUPIED) SUB-WORK AREAS (AND SAFETY AREAS) IN THE NEXT PHASE AREA MAY BE CAPTURED BY THE CONTRACTOR, SUBJECT TO THE APPROVAL OF THE OWNER, AND LOCALIZED PREPARATORY WORK INITIATED DURING THE PARKED VEHICLE ATTRITION PERIOD (APPROX. 2 WEEKS) JUST PRIOR TO THE GENERAL CHANGE FROM THE SOUTH PHASE TO THE NORTH PHASE.

WORK ITEM LIST FOR WORK ITEM DEFINITIONS, SEE PROJECT SPECIFICATIONS SECTION 02000		
WORK ITEM	DESCRIPTION	UNITS
1.0	GENERAL REQUIREMENTS 1.1 GENERAL REQUIREMENTS – MOBILIZATION AND SUPPLEMENTARY GENERAL CONDITIONS*	LS
2.0	FLOOR REPAIRS 2.1 FLOOR REPAIR – PARTIAL DEPTH AT C.I.P WASH – DRIVE BAYS – 2" DEEP± 2.2 FLOOR REPAIR – PARTIAL DEPTH AT C.I.P WASH – ¾" DEEP± 2.3 FLOOR REPAIR – PARTIAL DEPTH – AT PRECAST CONCRETE FLOOR SLAB – 1" DEEP± 2.7A FLOOR REPAIR – TRAFFIC TOPPING – FULL MEMBRANE SYSTEM* 2.7B FLOOR REPAIR – TRAFFIC TOPPING – WEARCOAT AND UV-TOPCOAT 2.7J FLOOR REPAIR – TRAFFIC TOPPING AT JOINTLINE PRECAST TEE-TO-TEE FLANGE EDGE JOINTS, NYLON REINFORCED 2.8. FLOOR REPAIR – PENETRATING CONCRETE SEALER WITH MIGRATING CORROSION INHIBITOR (MCI)*	SF
3.0	CEILING REPAIRS 3.3 CEILING REPAIR – EPOXY CRACK INJECTION 3.4 CEILING REPAIR – OVERHEAD CONCRETE MORTAR REPAIR 3.5 CEILING REPAIR – GFRP FABRIC WRAP* 3.6 CEILING REPAIR – PENETRATING CORROSION INHIBITOR* 3.8 CEILING REPAIR – GALVANIC CORROSION PROTECTION* 3.9 CEILING REPAIR – BLAST CLEANING W/ ABRASIVE MEDIA*	LF
5.0	FLOOR SLAB JOINT REPAIRS 5.2A FLOOR SLAB JOINT REPAIR – EXPANSION JOINT NOSING – SURFACE REPAIR 5.3 FLOOR SLAB JOINT REPAIR – REMOVE AND REPLACE FAILED T/T FLANGE JOINT SEALANTS 5.5 FLOOR SLAB JOINT REPAIR-PRECAST TEE ENDJOINT REPLACEMENT-C.I.P. WASH*	SF
8.0	BOLLARDS & TRAFFIC CONTROL 8.1 BOLLARDS & TRAFFIC CONTROL – CONCRETE BOLLARD REMOVAL 8.2 BOLLARDS & TRAFFIC CONTROL – CONCRETE BOLLARD DISPOSAL* 8.3 BOLLARDS & TRAFFIC CONTROL – PROVIDE TRAFFIC DELINEATOR DEVICES (MATERIAL)* 8.4 BOLLARDS & TRAFFIC CONTROL – INSTALL TRAFFIC DELINEATOR DEVICES	EA
9.0	FIELD ITEM ALLOWANCE 9.5 FIELD ITEM ALLOWANCE – GENERAL*	AL

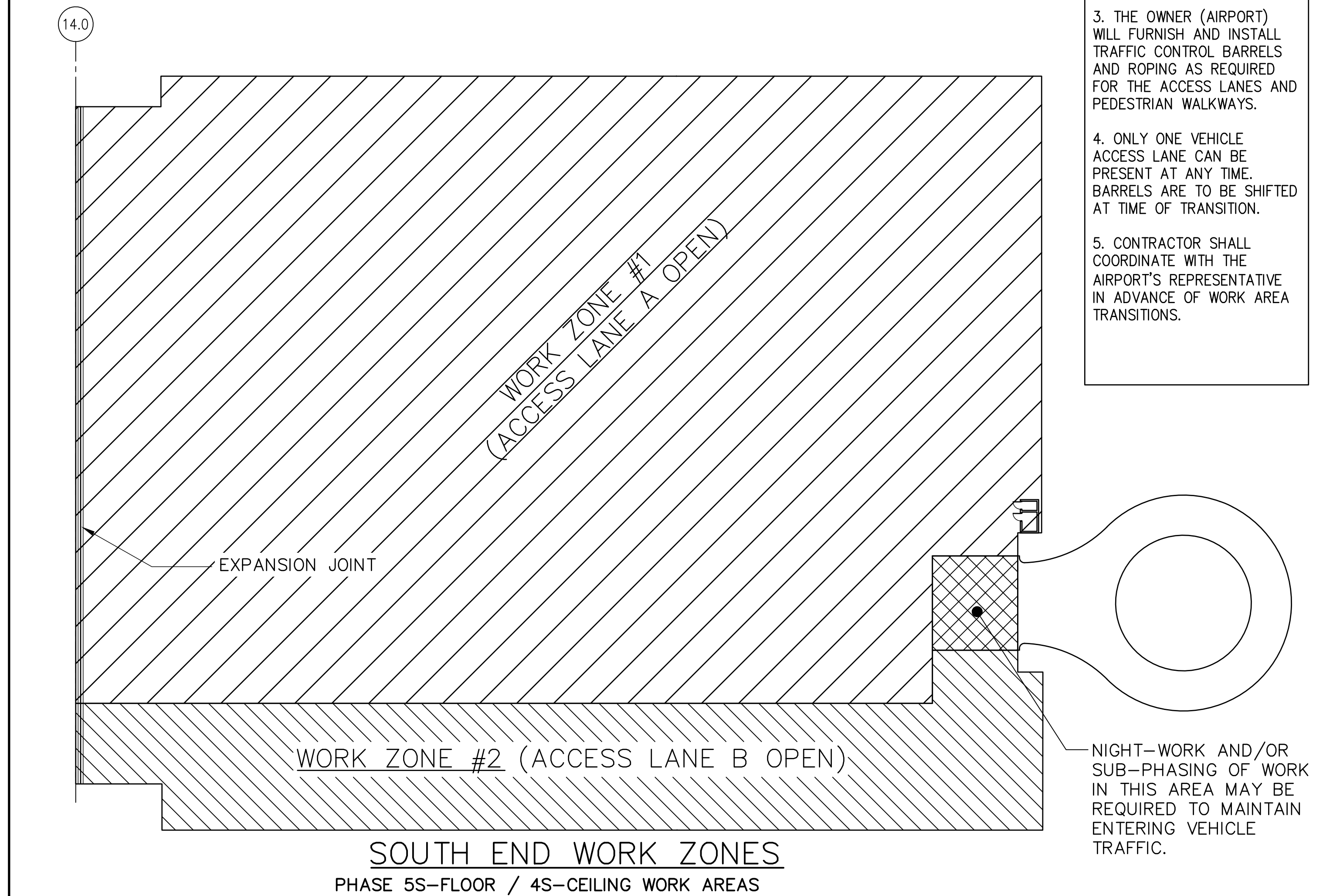
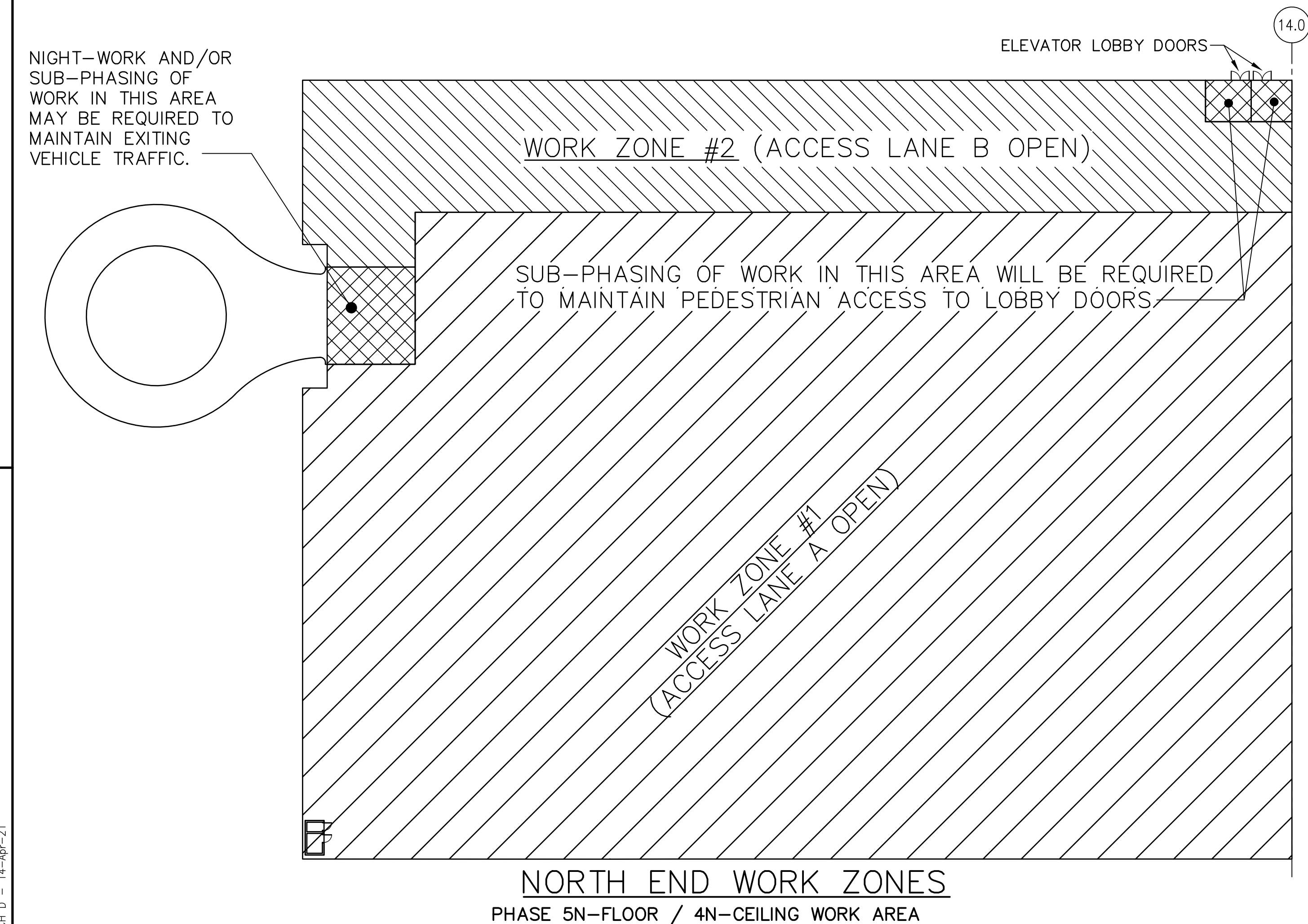
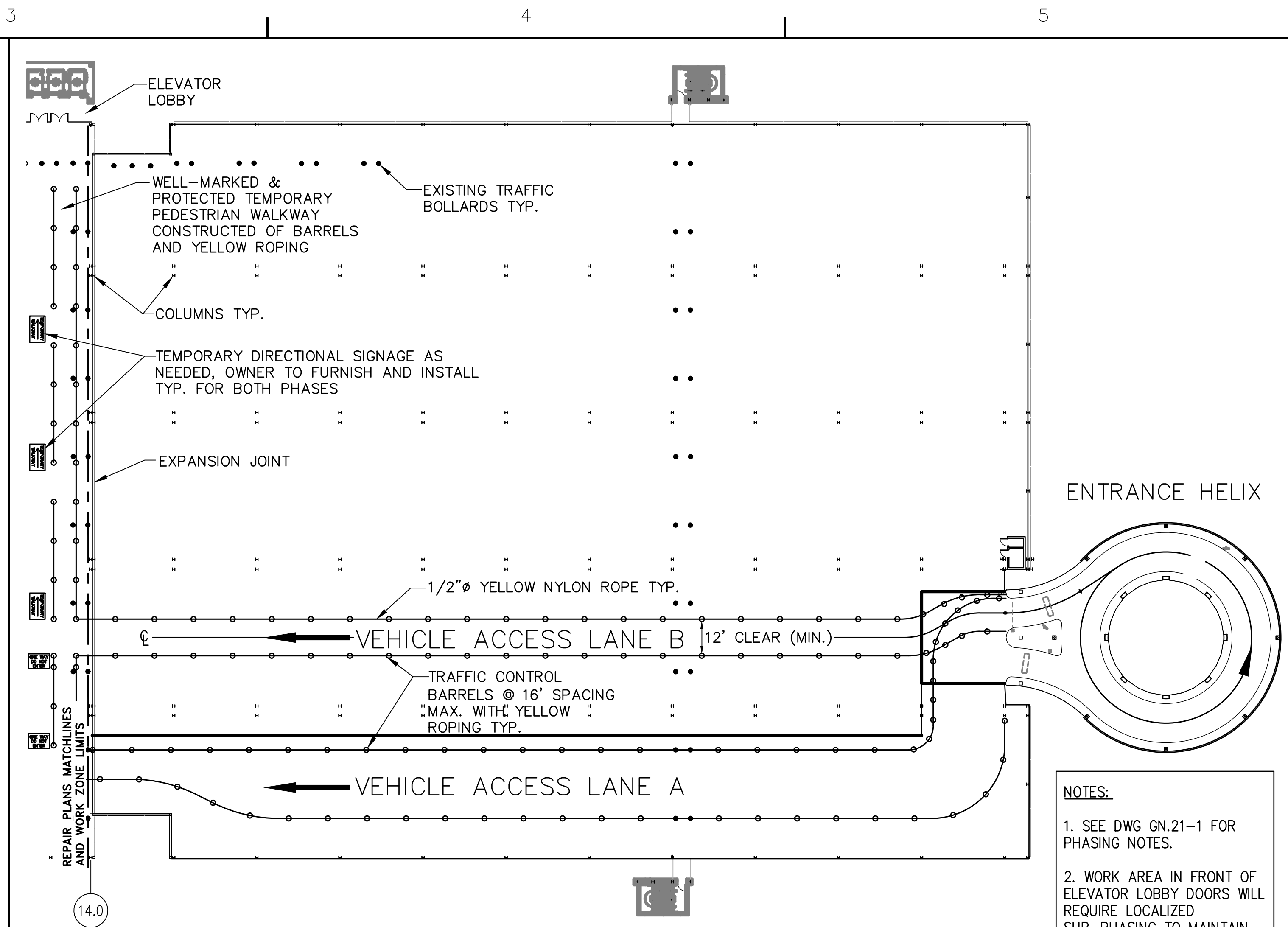
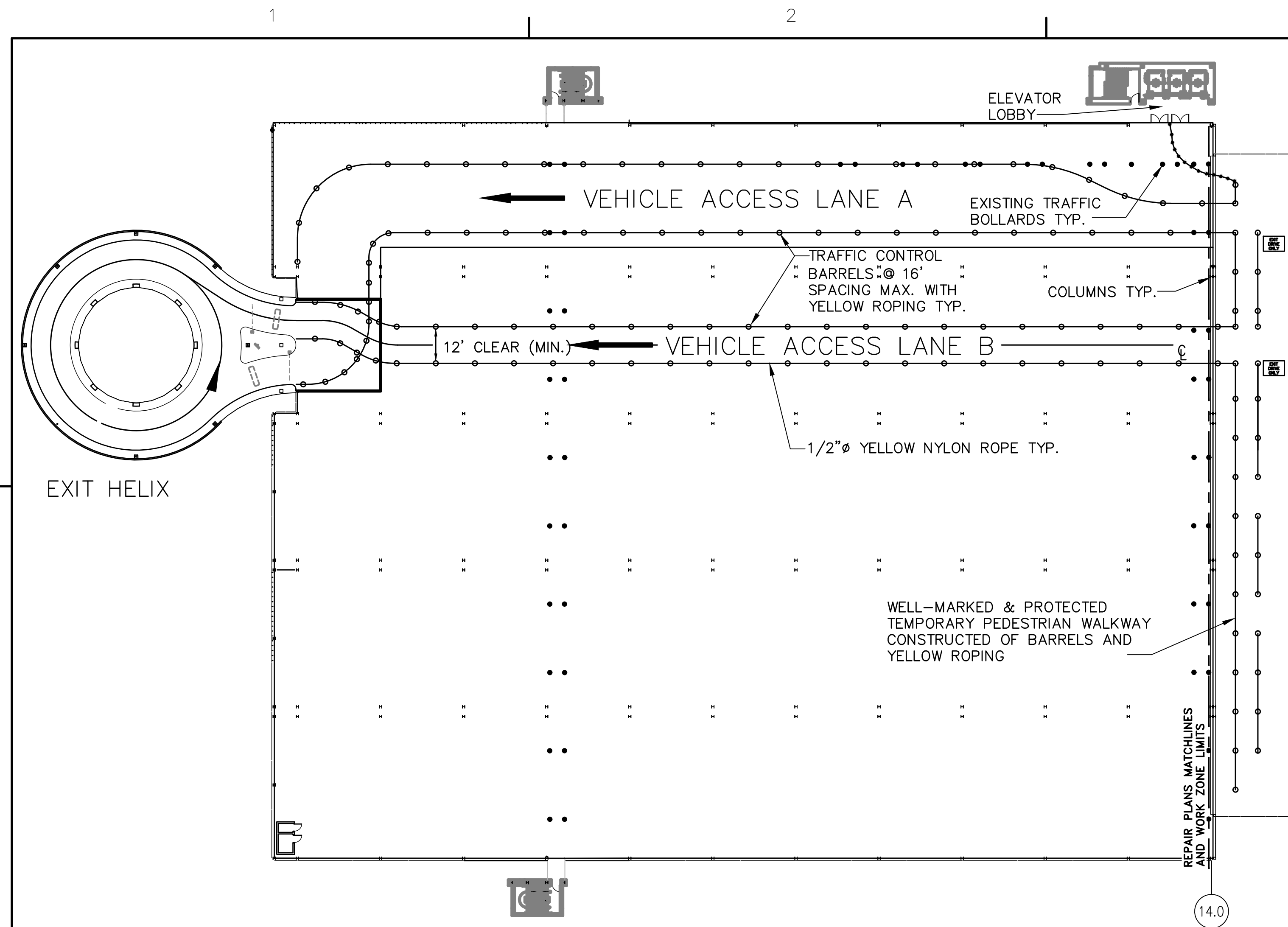
*NOT ALL WORK ITEMS ARE REPRESENTED BY A DRAWING DETAIL. REFER TO WORK ITEMS SCOPE AND TECHNICAL SPECIFICATIONS.

<u>UNITS LEGEND:</u>	LS	LUMP SUM	LF	LINEAR FEET	EA	EACH
	SF	SQUARE FOOT	T&M	TIME & MATERIAL	AL	ALLOWANCE
	MD	MANDAY(8 HR)	N/A	NOT APPLICABLE		

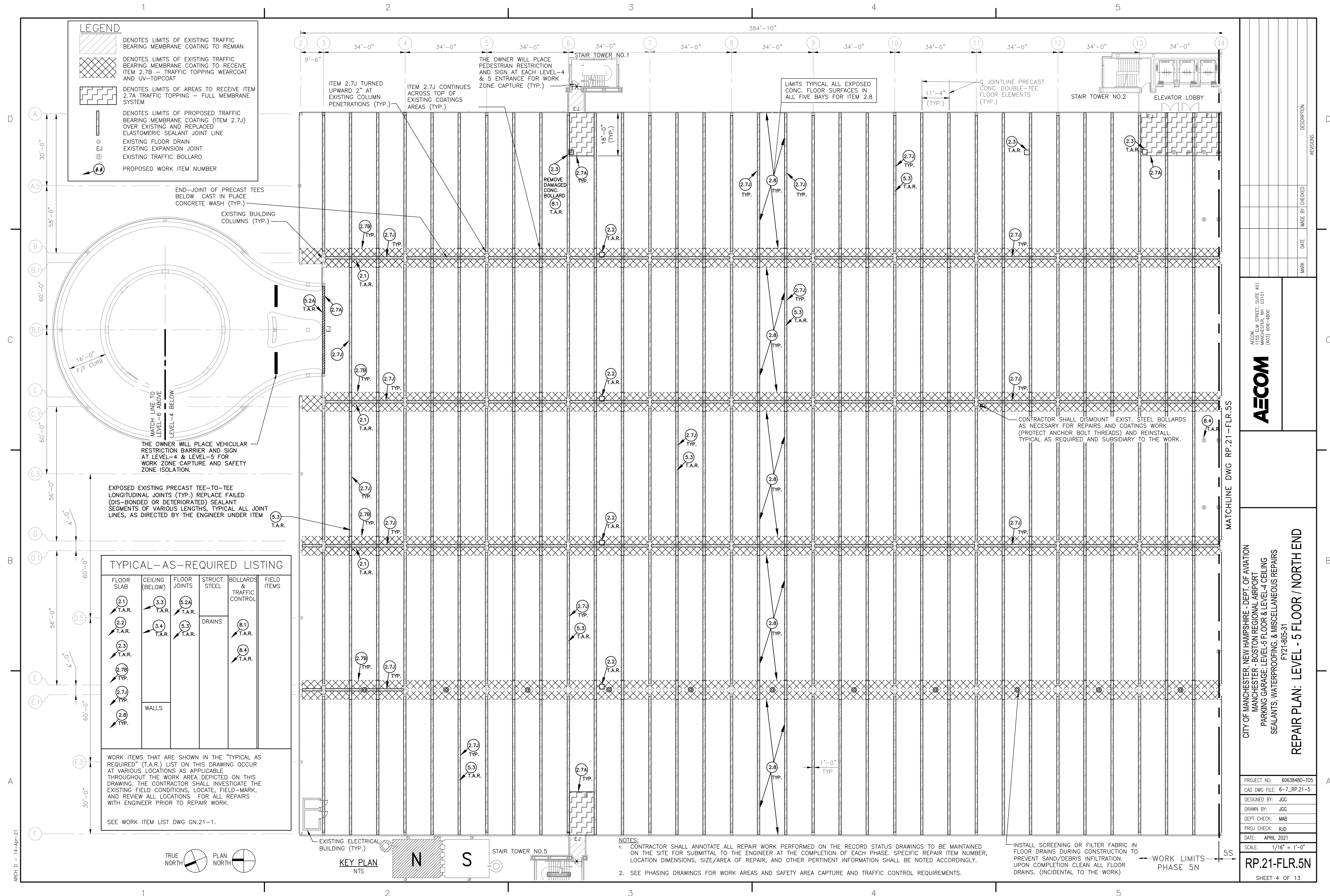
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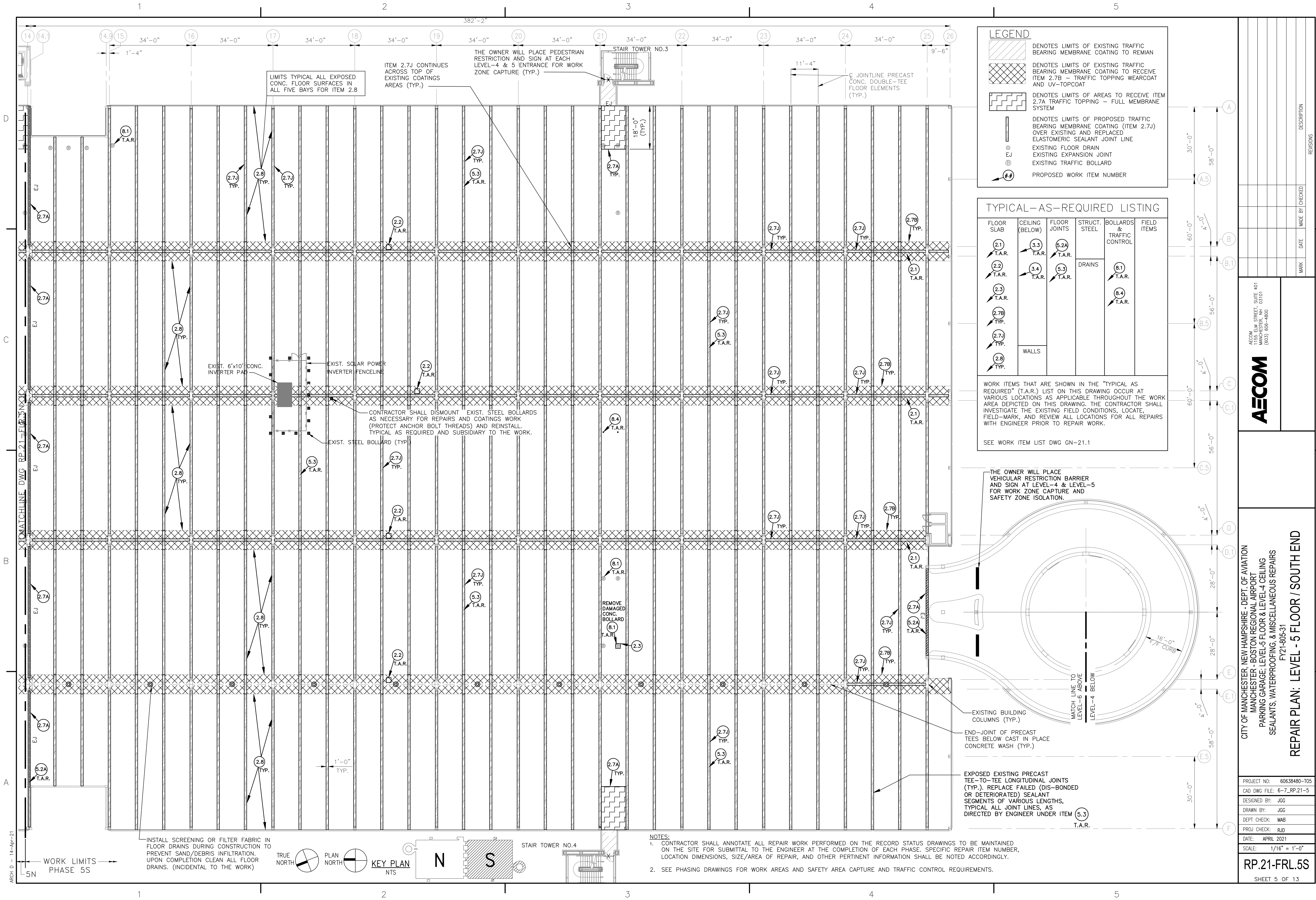
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MANCHESTER - BOSTON REGIONAL AIRPORT
PARKING GARAGE: LEVEL-5 FLOOR & LEVEL-4 CEILING
SEALANTS, WATERPROOFING, & MISCELLANEOUS REPAIRS
FY21-805-31
GENERAL NOTES AND WORK ITEM LIST

PROJECT NO: 60638480-T05
CAD DWG FILE: 2_GN.21-1
DESIGNED BY: JGG
DRAWN BY: JGG
DEPT CHECK: MAB
PROJ CHECK: RJG
DATE: APRIL 2021
SCALE: N/A
GN.21-1
SHEET 2 OF 13



- NOTES:
1. SEE DWG GN.21-1 FOR PHASING NOTES.
 2. WORK AREA IN FRONT OF ELEVATOR LOBBY DOORS WILL REQUIRE LOCALIZED SUB-PHASING TO MAINTAIN UNRESTRICTED PUBLIC ACCESS.
 3. THE OWNER (AIRPORT) WILL FURNISH AND INSTALL TRAFFIC CONTROL BARRELS AND ROPING AS REQUIRED FOR THE ACCESS LANES AND PEDESTRIAN WALKWAYS.
 4. ONLY ONE VEHICLE ACCESS LANE CAN BE PRESENT AT ANY TIME. BARRELS ARE TO BE SHIFTED AT TIME OF TRANSITION.
 5. CONTRACTOR SHALL COORDINATE WITH THE AIRPORT'S REPRESENTATIVE IN ADVANCE OF WORK AREA TRANSITIONS.





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MANCHESTER - BOSTON REGIONAL AIRPORT
PARKING GARAGE: LEVEL-5 FLOOR & LEVEL-4 CEILING
SEALANTS, WATERPROOFING, & MISCELLANEOUS REPAIRS
FY21-805-31

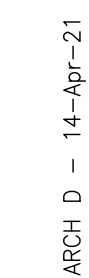
PROJECT NO: 60638480-T05
CAD DWG FILE: 6-7_RP.21-5
DESIGNED BY: JGG
DRAWN BY: JGG
DEPT CHECK: MAB
PROJ CHECK: RJD
DATE: APRIL 2021

SCALE: 1/16" = 1'-0"

RP.21-FRL.5S

SHEET 5 OF 13

2. EXISTING PLYWOOD SHIELDING ON/BETWEEN STEEL BEAMS BELOW CEILING WORK AREAS TO BE REMOVED & SALVAGED TO OWNER OR DISPOSED OF AS DIRECTED BY THE ENGINEER (SUBSIDIARY TO THE OVERALL WORK).



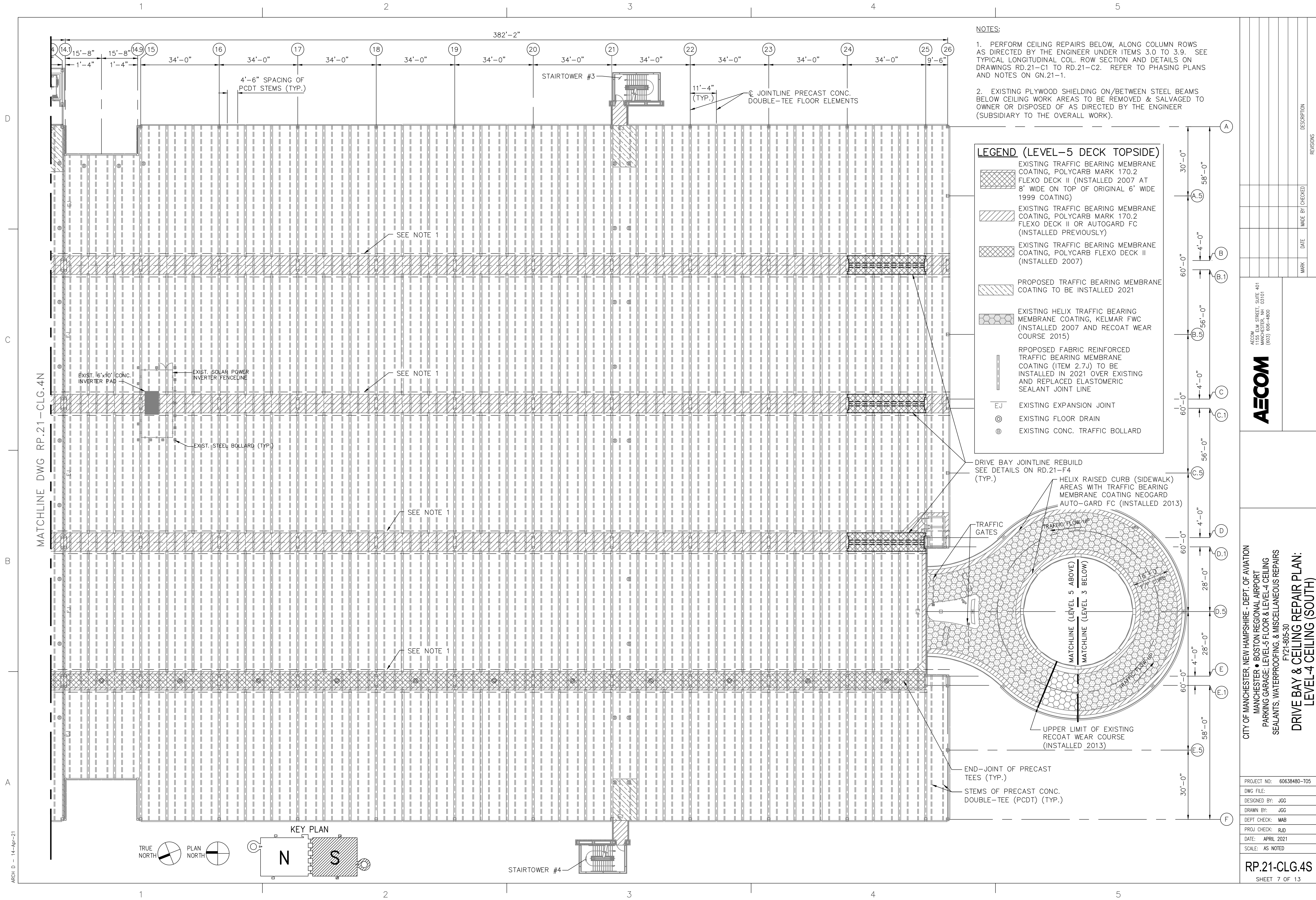
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AECOM

DRIVE BAY & CEILING REPAIR PLAN:
LEVEL-4 CEILING (NORTH)

PROJECT NO:	60638480-T05
DWG FILE:	
DESIGNED BY:	JGG
DRAWN BY:	JGG
CHECKED BY:	MAB
PROJ CHECK:	RJD
DATE:	APRIL 2021
SCALE:	AS NOTED

RP.21-CLG.4N
SHEET 6 OF 13

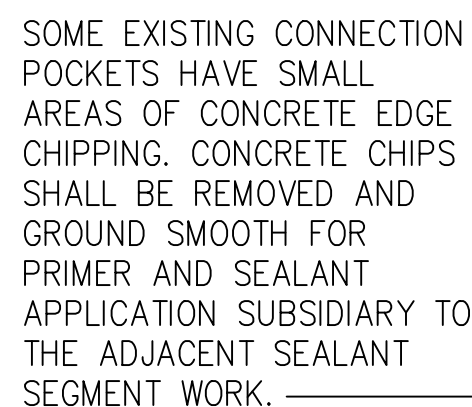


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MANCHESTER • BOSTON REGIONAL AIRPORT
PARKING GARAGE; LEVEL-5 FLOOR & LEVEL-4 CEILING
SEALANTS, WATERPROOFING, & MISCELLANEOUS REPAIRS
FY21-805-30
DRIVE BAY & CEILING REPAIR PLAN:
LEVEL-4 CEILING (SOUTH)

PROJECT NO: 60638480-T05
DWG FILE:
DESIGNED BY: JGG
DRAWN BY: JGG
DEPT CHECK: MAB
PROJ CHECK: RJD
DATE: APRIL 2021
SCALE: AS NOTED

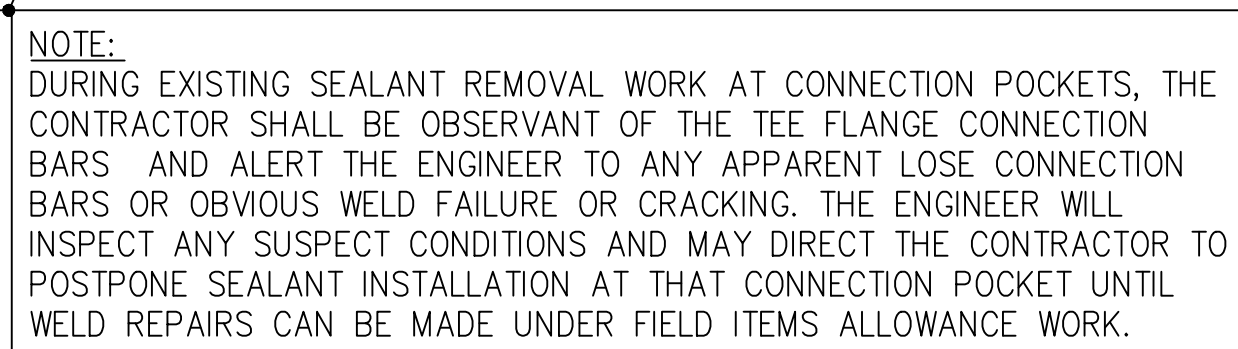
RP.21-CLG.4S
SHEET 7 OF 13



NOTE:
CONTRACTOR SHALL VERIFY AND
COORDINATE THAT THE EXTENTS OF
ALL REPAIRS ARE WITHIN CAPTURED
SAFETY AREAS ON THE LEVEL BELOW

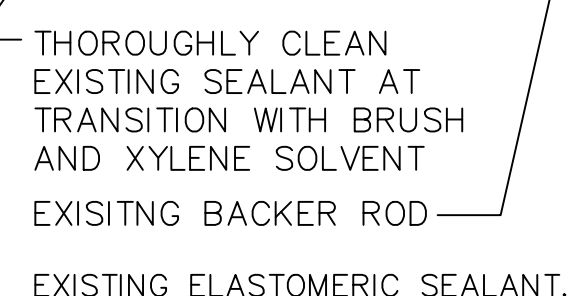
SCALE: 6"=1'-0'

SCALE: 6"=1'-0'



(AT CONNECTION)
SCALE: 6"=1'-0"

SCALE: AS NOTED



(PROPOSED / EXISTING)



ACE LOCALIZED SEGMENTS OF FAILED
ONDED OR DETERIORATED) SEALANTS.
ALANT SEGMENTS MAY OR MAY NOT
INCLUDE T/T CONNECTION POCKETS.
ANT SEGMENTS WILL VARY IN LENGTH
AS DIRECTED BY THE ENGINEER.

REPLACE FAILED SEALANT SEGMENTS ONLY AS REQUIRED ALONG SEALANT LINE BETWEEN EXISTING TRAFFIC BEARING MEMBRANE

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MANCHESTER - BOSTON REGIONAL AIRPORT
PARKING GARAGE; LEVEL-5 FLOOR & LEVEL-4 CEILING
SEALANTS, WATERPROOFING, & MISCELLANEOUS REPAIRS

FLOOR REPAIR DETAILS - I

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603/ 606-4800

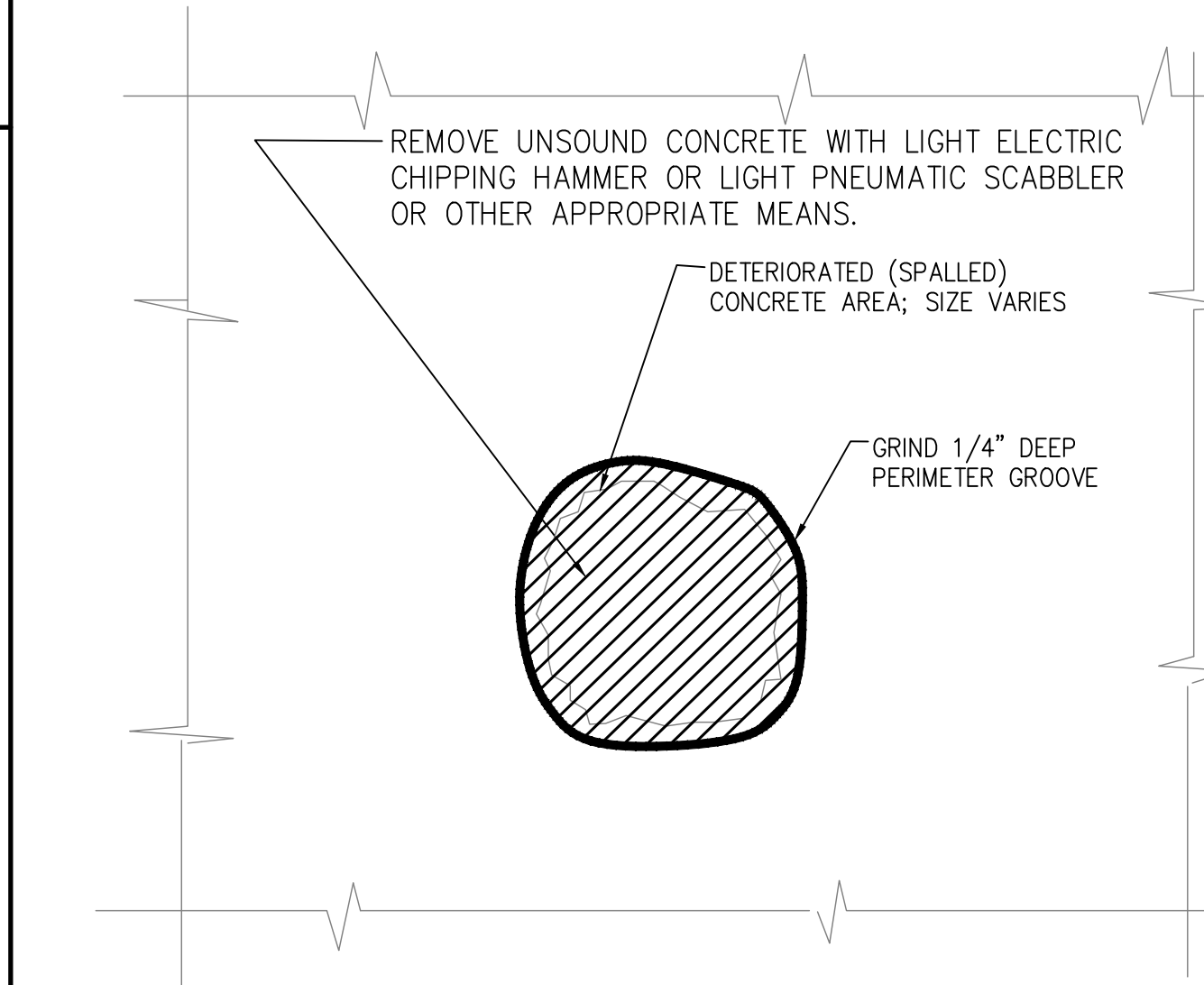
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MARK	DATE	MADE BY	CHECKED	DESCRIPTION
REVISIONS				

PROJECT NO:	60638480-T03
CAD DWG FILE:	8-9_RD.21-1&2
DESIGNED BY:	JGG
DRAWN BY:	JGG
DEPT CHECK:	MAB
PROJ CHECK:	RJD
DATE:	APRIL 2021
SCALE:	AS NOTED

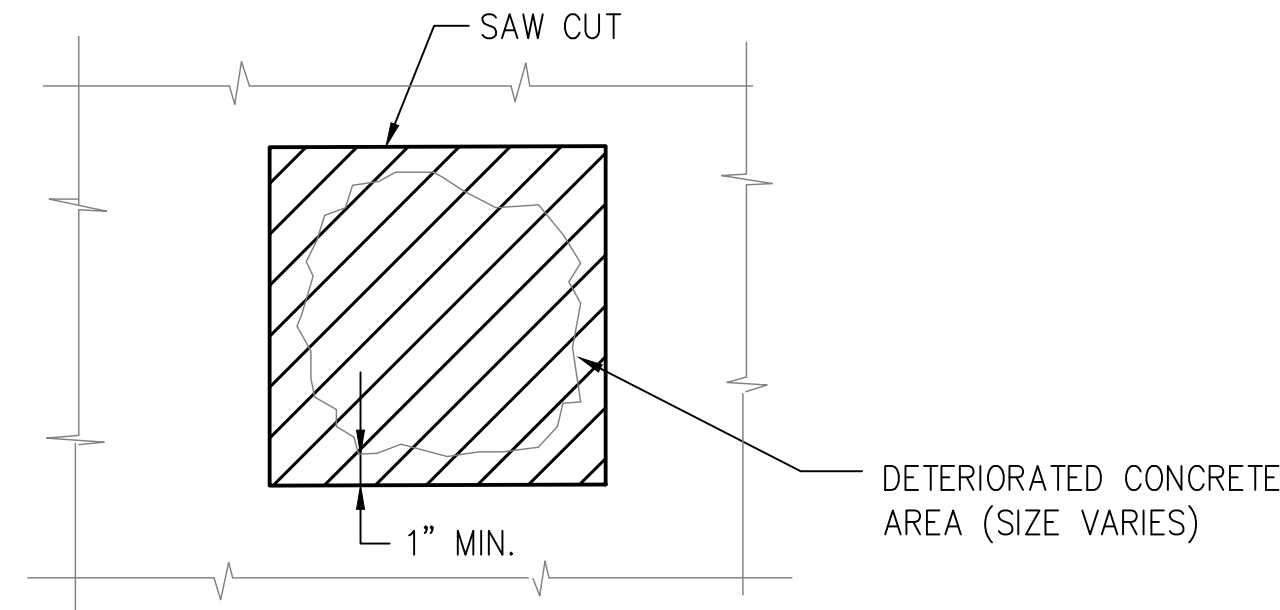
RD.21-F1

SHEET 8 OF 13



2.2

SCALE: 1 1/2" = 1'-0"



(2.3)

SCALE: 1 1/2" = 1'-0"

6.) INSTALL POLYMER-MODIFIED CEMENTITIOUS REPAIR MORTAR (NEAT) WITH INTEGRAL PENETRATING CORROSION INHIBITOR (EMACO R310-CI AS MFD BY DEGUSSA/MASTER BUILDERS TECHNOLOGIES, SIKATOP 122 PLUS AS MFD. BY SIKA CORP., OR APPROVED EQUIV.) IN ACCORDANCE WITH MFR. INSTRUCTIONS AND BROOM FINISH TO MATCH ADJOINING SURFACES.

6. APPLY CEMENTITIOUS REPAIR MORTAR IN ACCORDANCE WITH SECTION 03732 CONCRETE REPAIR, AND FINISH TO MATCH ADJOINING SURFACES.

DETERIORATED CONCRETE
REMOVAL

AECOM
1155 ELM STREET, SUITE 401
MANCHESTER, NH 03101

AECOM

CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION
MANCHESTER - BOSTON REGIONAL AIRPORT
PARKING GARAGE, LEVEL-5 FLOOR & LEVEL-4 CEILING
SEALANTS, WATERPROOFING, & MISCELLANEOUS REPAIRS
FY21-805-31

FLOOR REPAIR DETAILS - II

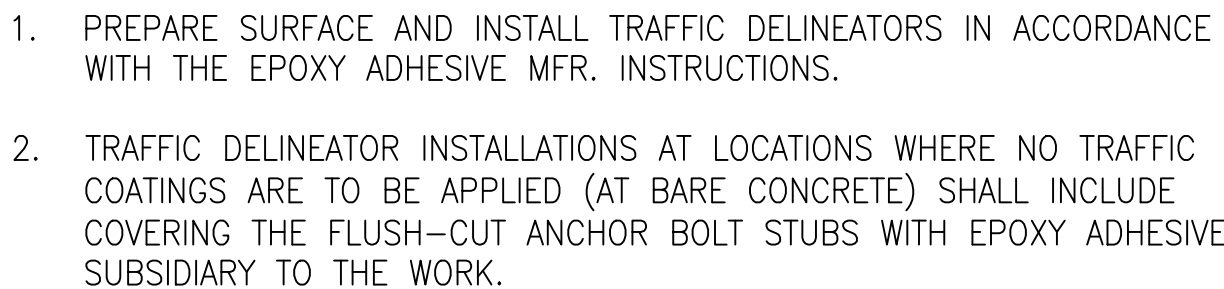
PROJECT NO:	60638480-T05
CAD DWG FILE:	8-9_RD.21-1&2
DESIGNED BY:	JGG
DRAWN BY:	JGG
DEPT CHECK:	MAB
PROJ CHECK:	RJD
DATE:	APRIL 2021
SCALE:	AS NOTED

RD.21-F2

SHEET 9 OF 13



SCALE: 3" = 1'-0"



SCALE: NTS

8.4

SCALE: 3"=1'-0"

DETERIORATED CONCRETE
REMOVAL

8.1

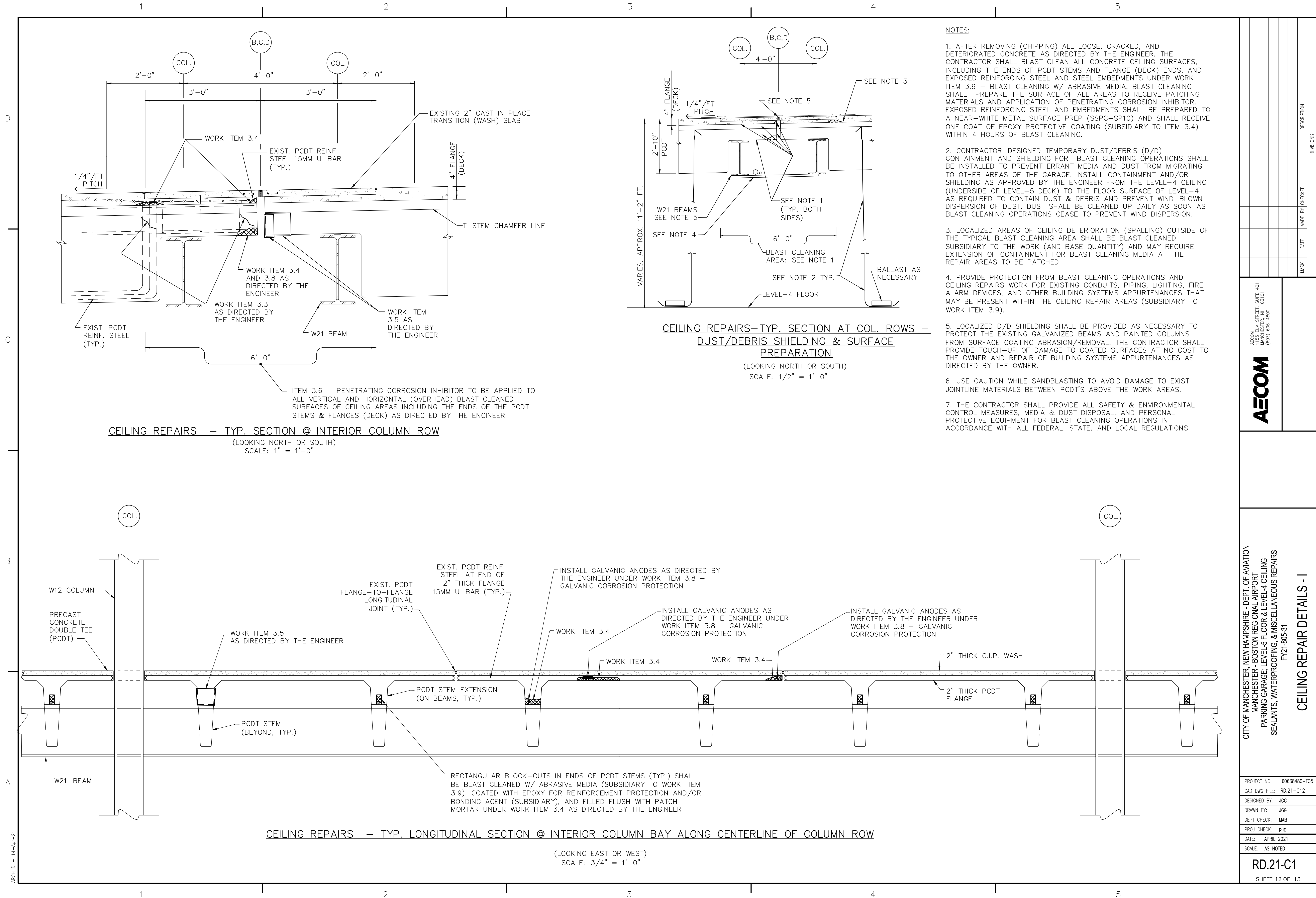
SCALE: NTS

AECOM

FLOOR REPAIR DETAILS - III

RD 21-F3

SHEET 10 OF 13



REVISIONS		DESCRIPTION
MARK	DATE	MADE BY (CHECKED)
AECOM		1155 ELM STREET, SUITE 401 MANCHESTER, NH 03101 (603) 686-4600
CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION MANCHESTER - BOSTON REGIONAL AIRPORT PARKING GARAGE: LEVEL-5 FLOOR & LEVEL-4 CEILING SEALANTS, WATERPROOFING, & MISCELLANEOUS REPAIRS FY21-805-31		CEILING REPAIR DETAILS - I
PROJECT NO: 60638480-705 CAD DWG FILE: RD.21-C12 DESIGNED BY: JGG DRAWN BY: JGG DEPT CHECK: MAB PROJ CHECK: RJD DATE: APRIL 2021 SCALE: AS NOTED		RD.21-C1 SHEET 12 OF 13

