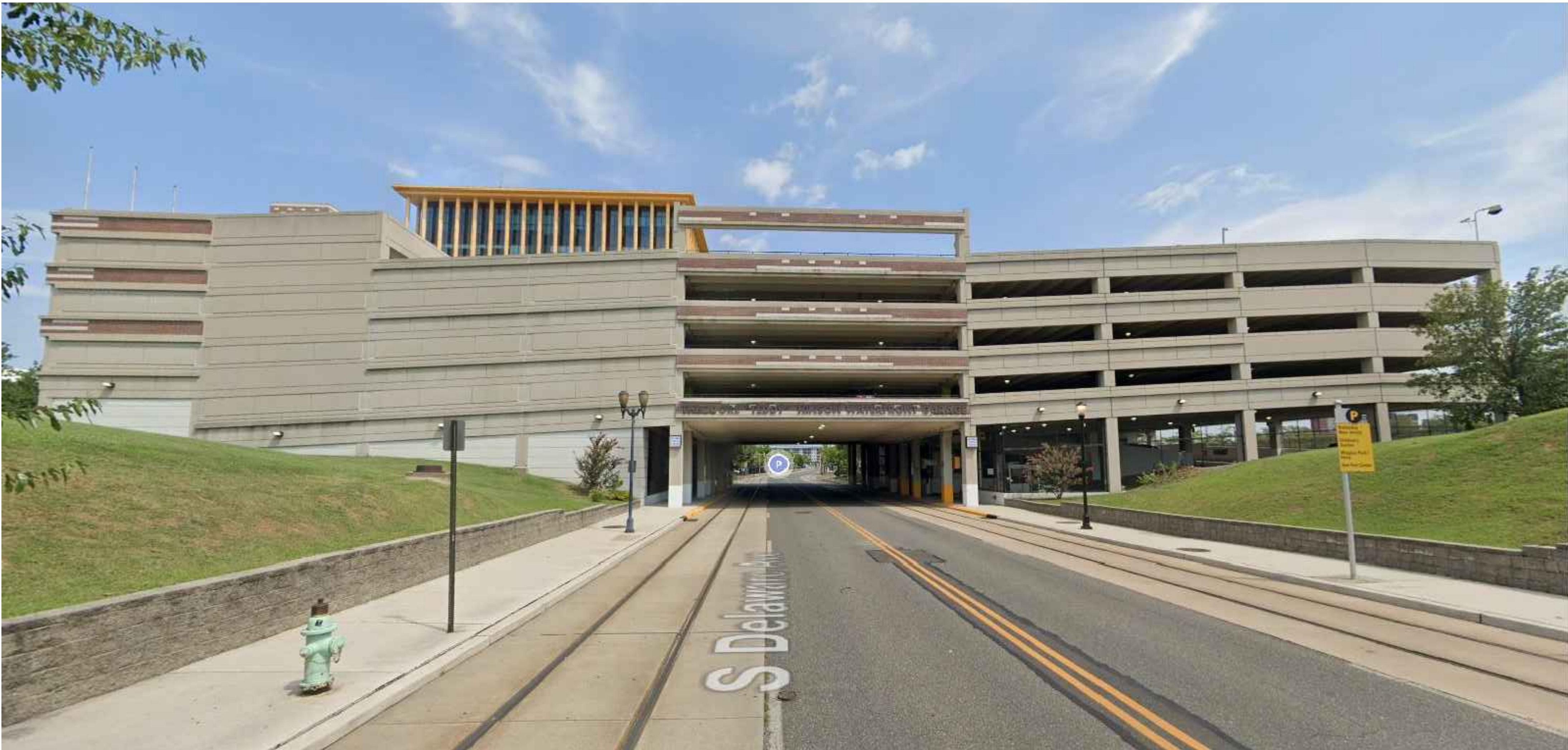


# HINSON GARAGE 2022 RESTORATION

## Camden, NJ



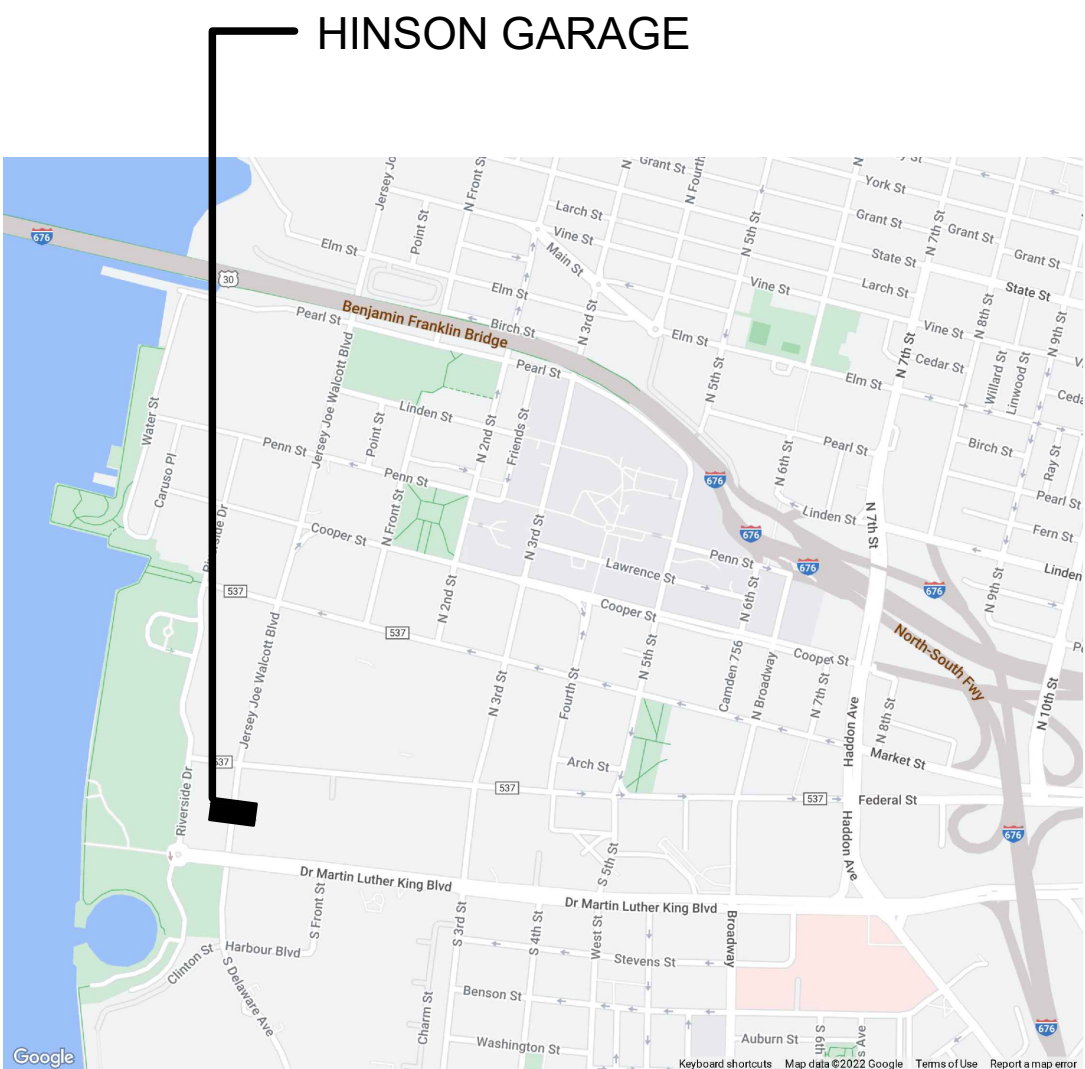
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Location Map



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ISSUE FOR BID  
APR 22, 2022



#### A. GENERAL CONDITIONS

1. WORK, IN THE EVENT IT BECOMES NECESSARY TO ALTER THE PLANS FOR THE BEST INTEREST OF THE PROJECT TO CIRCUMSTANCES NOT KNOWN AT THE TIME OF SURVEY, WORK QUANTITIES MAY BE ADJUSTED IN ACCORDANCE WITH THE ENGINEER AND OWNER'S APPROVAL.
2. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND SHALL REPORT IN WRITING TO THE ENGINEER ALL DISCREPANCIES WITH RESPECT TO DRAWINGS & SPECIFICATIONS.
3. CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF ALL BRACING, SHEETING, AND SHORING AS REQUIRED. PROVIDE TEMPORARY SUPPORT WHERE REPAIR WORK WILL DEGRADE THE INTEGRITY OF THE STRUCTURE INCLUDING CONNECTIONS. SHORING SHALL BE DESIGNED, PREPARED, SIGNED, AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW JERSEY, HIRED BY THE CONTRACTOR. SHORING ENGINEER SHALL FIELD VERIFY ALL DIMENSIONS, CONNECTION TYPES, ETC. AS NEEDED TO DETERMINE ALL APPLICABLE LOADING AND LOAD PATHS.
4. CONTRACTOR IS REQUIRED TO INSTALL A TEMPORARY DUST ENCLOSURE AT EACH AREA OF WORK TO PREVENT DUST & ODOR MIGRATION. FOR BIDDING PURPOSES, ASSUME A CONTINUOUS PLASTIC SEAL AT THE PERIMETER OF EACH WORK AREA. ALL DUST/DEBRIS FROM THE WORK SHALL BE CLEANED/REMOVED PRIOR TO REMOVING TEMPORARY ENCLOSURE.
5. CONDUCT A PRECONSTRUCTION MEETING PRIOR TO COMMENCING WORK, HOLD PREINSTALLATION MEETINGS PRIOR TO EACH PHASE OF THE PROJECT, AND HOLD REGULAR COORDINATION MEETINGS.
6. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY CONDITION WHICH MAY ENDANGER THE STABILITY AND INTEGRITY OF, CAUSE DISTRESS TO, OR COMPROMISE THE DURABILITY OF THE STRUCTURE.
7. CONTRACTOR SHALL REFER TO THE SPECIFICATIONS FOR INFORMATION NOT COVERED BY THE DRAWINGS. IN CASE OF CONFLICT BETWEEN DRAWINGS AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.
8. ALL WORK MUST BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS, AND CONDITIONS OF APPROVAL, AND ALL APPLICABLE REQUIREMENTS, RULES, REGULATIONS, STATUTORY REQUIREMENTS, CODES, LAWS, AND STANDARDS OF ALL AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT.
9. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION AND SITE SAFETY.
10. THE FOLLOWING CODES AND STANDARDS APPLY TO THE DESIGN AND CONSTRUCTION OF THIS PROJECT:

### B. PHASING OF WORK & WORK RESTRICTIONS

1. BIDDERS SHALL INCLUDE A PRELIMINARY SITE UTILIZATION/PHASING PLAN WITH THEIR BIDS.
2. THE SUCCESSFUL CONTRACTOR SHALL SUBMIT COMPOSITE SITE UTILIZATION/PHASING PLANS FOR APPROVAL PRIOR TO MOBILIZATION. THE CONTRACTOR SHALL COORDINATE CLOSELY WITH THE ENGINEER AND THE OWNER WHILE DEVELOPING, MAINTAINING, AND REVISING THE PLANS AS NECESSARY. THE GARAGE WILL BE PARTIALLY OCCUPIED BY VEHICLES AND PEDESTRIANS DURING CONSTRUCTION. THE COMPOSITE PLANS SHALL SHOW TEMPORARY FACILITIES, TEMPORARY UTILITY AND CONNECTIONS, STAGING AND STORAGE AREAS, DELIVERIES, SITE ACCESS, TEMPORARY VEHICLE AND PEDESTRIAN CIRCULATION, CONSTRUCTION PHASING, SHORING, TEMPORARY FENCING, BARRICADES, SIGNAGE, FLAGMEN, ETC.
3. THE INTENT OF THE CONTRACTOR'S PHASING PLAN SHOULD BE TO DIVIDE THE WORK INTO THE LEAST NUMBER OF PHASES WHILE MAINTAINING VEHICLE ACCESSIBILITY TO ALL AREAS THAT ARE NOT BEING WORKED ON. RAMP ARE ASSUMED TO BE ABLE TO BE SPLIT INTO TWO PHASES.
4. ALL WORK CAN BE COMPLETED EITHER DURING THE DAY OR AT NIGHT, UNLESS NOTED OTHERWISE BY THE OWNER OR GARAGE OPERATOR OR BASED ON THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION. COMPLY WITH WORK HOUR RESTRICTIONS AND NOISE ORDINANCE OF THE AUTHORITY HAVING JURISDICTION.
5. ONE ELEVATOR MUST REMAIN IN SERVICE AND BE ACCESSIBLE AT ALL TIMES, UNLESS AN ALTERNATE ACCESSIBILITY PLAN IS SUBMITTED TO AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.
6. STAIR TOWERS MUST REMAIN IN SERVICE AND BE ACCESSIBLE AT ALL TIMES, UNLESS AN ALTERNATE MEANS OF EGRESS PLAN IS SUBMITTED TO AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.
7. THE CONTRACTORS MAY TAKE A MAXIMUM OF 50 PARKING SPACES OUT OF SERVICE AT ANY TIME, WITH THE EXCEPTION OF EVENTS.
8. COMPLY WITH LIMITATIONS ON USE OF PUBLIC STREETS AND WITH OTHER REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
9. THE CONTRACTOR SHOULD COORDINATE THE SHUTDOWN OF AREAS FOR THE APPLICATION OF WATERPROOFING MATERIALS WITH THE EXTENDED WEATHER FORECAST TO AVOID WEATHER-RELATED DELAYS.
10. PARKING AND PEDESTRIAN ACCESS AT THE LEVEL BELOW DEMOLITION WORK AND/OR STRUCTURAL REPAIRS SHALL BE TAKEN OUT OF SERVICE UNTIL REPAIRS ARE COMPLETE. PARKING AND PEDESTRIAN ACCESS AT THE LEVEL BELOW WATERPROOFING WORK SHALL BE TAKEN OUT OF SERVICE UNTIL WORK IS COMPLETE, UNLESS CONTRACTOR TAKES APPROPRIATE ACTIONS TO PROTECT PEDESTRIANS AND VEHICLES FROM HARM/DAMAGE. THE APPROPRIATE ACTION PLAN SHALL BE SUBMITTED FOR ENGINEER'S APPROVAL.
11. REFER TO SPECIFICATION SECTION 011000 SUMMARY FOR ADDITIONAL REQUIREMENTS AND RESTRICTIONS.

### C. MEASUREMENT AND RECORD DRAWINGS

1. DO NOT SCALE DRAWINGS. VERIFY ALL DRAWING DIMENSIONS IN THE FIELD.
2. CONTRACTOR SHALL MEASURE TO THE NEAREST INCH AND RECORD THE REPAIR AREAS AND QUANTITIES PERFORMED.
3. ELECTRONIC COPIES OF THE DRAWINGS SHOWING THE ACTUAL SHAPE, LOCATION, AND SIZE OF THE REPAIRS AND A REPAIR TABULATION SPREADSHEET SHALL BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER AT THE END OF EACH PHASE OF THE PROJECT AND WITH EACH PAYMENT APPLICATION.
4. AT THE PROJECT CONCLUSION, SUBMIT ONE SET OF REPRODUCIBLE RECORD DRAWINGS IN A NEAT AND ORDERLY FASHION TO THE OWNER & ENGINEER SHOWING ALL REPAIRS PERFORMED. PROVIDE ONE HARD COPY AND AN ELECTRONIC COPY IN CAD OR PDF FORMAT.

#### D. GENERAL PREPARATION FOR CONCRETE REPAIRS

1. THE DRAWINGS INDICATE THE AREAS THAT HAVE BEEN DETERMINED TO REQUIRE REPAIR PER FIELD SURVEYS. CONTRACTOR SHALL SOUND SURFACES WITH HAMMER, ROD, CHAIN, OR APPROPRIATE TOOLS TO DETECT DELAMINATIONS AND SPALLS. ALL SUPPORTED STRUCTURAL ELEMENTS WITHIN THE GARAGE SHALL BE SOUNDED. THE LIMITS OF THE DELAMINATIONS SHALL BE MARKED FOR DEMOLITION. PRIOR TO REMOVAL, LIMITS OF REPAIR AREA SHALL BE REVIEWED BY ENGINEER IN THE FIELD. REPAIR QUANTITIES THAT DEVIATE FROM THAT SHOWN ON PLAN SHALL BE REPORTED IN WRITING TO THE ENGINEER AND OWNER FOR APPROVAL.
2. SAWCUT PERIMETER OF REPAIR AREA TO AVOID FEATHERED EDGES. REMOVE SPALLED AND UNSOUND CONCRETE WITHIN MARKINGS. EXTEND REPAIR AREAS WITH THE APPROVAL OF ENGINEER AND OWNER IF ADDITIONAL UNSOUND CONCRETE IS ENCOUNTERED. THE REPAIR EDGE SHALL BE EXTENDED A MINIMUM OF THREE INCHES BEYOND THE EXTENT OF CORRODED REINFORCING STEEL.
3. ALL REINFORCING IN GOOD CONDITION (SECTION LOSS LESS THAN 20%) WITHIN THE REPAIR AREA SHALL BE UNDERCUT, SANDBLASTED CLEAN, AND TREATED WITH CORROSION INHIBITING COATING MATERIALS PER SPECIFICATIONS. ALL REINFORCING WITH SECTION LOSS GREATER THAN 20% WITHIN THE REPAIR AREA SHALL BE REPLACED WITH EQUAL REINFORCEMENT; DEVELOP TENSILE STRENGTH OF REPLACEMENT REINFORCEMENT BY SPLICING TO REINFORCING IN "GOOD CONDITION" OR BY DOWELING INTO SOUND CONCRETE AT PERIMETER OF REPAIR AREA USING ADHESIVE EPOXY ANCHORING SYSTEM.
4. WATERBLAST OR SANDBLAST CAVITY SURFACES TO REMOVE ALL DEBRIS AND CONTAMINANTS. AIRBLAST AS THE FINAL STEP TO REMOVE REMAINING DEBRIS.

### E. CONCRETE REMOVAL

1. CHIPPING HAMMERS SHALL BE SIZED SO THAT UNSOUND CONCRETE CAN BE REMOVED IN AN EFFICIENT MANNER WITHOUT DAMAGING ADJACENT SOUND CONCRETE. DO NOT CUT INTO OR DAMAGE REINFORCING AND OTHER EMBEDDED ITEMS SUCH AS CONDUITS.
2. CHIPPING SHALL CONTINUE UNTIL ALL UNSOUND CONCRETE HAS BEEN REMOVED PER REPAIR DETAIL SHEET NOTES.

F. CONCRETE (FOR REPAIRS GREATER THAN 3 INCHES THICK)

1. CONCRETE SHALL MEET THE FOLLOWING CRITERIA:
  - STRENGTH: 5000 PSI (MIN.)
  - MAXIMUM W/C RATIO OF 0.4
  - PORTLAND CEMENT CONCRETE (REGULAR OR HI-EARLY), TYPE I OR III
  - AGGREGATE TO CONFORM TO ASTM C33
  - AGGREGATE: #8, ½ INCH
  - SUPERPLASTICIZED
  - AIR ENTRAINED: 6½±1½%
  - SLUMP: 4±1 INCH (BEFORE ADDING SUPERPLASTICIZER)
  - SYNTHETIC FIBER: 1.5 LB./C.Y. OF CONCRETE, MINIMUM
  - 3 GAL. OF CALCIUM NITRITE CORROSION INHIBITOR PER CU. YD. OF CONC.
2. CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGN FOR ENGINEER'S APPROVAL. ADMIXTURES SHALL NOT BE CHANGED FROM THE APPROVED CONCRETE MIX DESIGN WITHOUT THE ENGINEER'S APPROVAL.
3. CONFORM TO THE REQUIREMENTS OF ACI 301 AND ACI 318, LATEST EDITION.
4. THE FIELD QUALITY CONTROL TESTING SHALL BE PERFORMED BY AN INDEPENDENT TESTING AGENCY HIRED BY OWNER:
  - AIR ENTRAINMENT AND SLUMP TESTS FOR EVERY BATCH.
  - COMPRESSION STRENGTH TESTS ON EVERY 50 C.Y. POUR AND IN ACCORDANCE WITH ACI 318, LATEST EDITION.
5. APPLY ACCEPTABLE BONDING AGENT PRODUCTS PER SPECIFICATION SECTION 033000. DO NOT ALLOW TO DRY BEFORE PLACING CONCRETE.
6. CONCRETE SHALL BE CONSOLIDATED AND CURED PER SPECIFICATIONS. IF CURING COMPOUND IS USED, IT SHALL BE REMOVED BY WATER-BLASTING OR SHOT-BLASTING PRIOR TO THE APPLICATION OF SURFACE WATERPROOFING MEASURES.
7. FOR CONCRETE REPAIRS LESS THAN OR EQUAL TO 3 INCHES THICK, USE CEMENTITIOUS PATCHING MATERIAL PER SPECIFICATION SECTION 039300.

## G. REINFORCEMENT

1. ALL NEW REINFORCEMENT SHALL COMPLY WITH ASTM A615 GR. 60.
2. WELDED WIRE FABRIC SHALL BE PER ASTM A185 OR A497. USE MATS ONLY, ROLL STOCK IS NOT PERMITTED.
3. ALL REINFORCING SHALL HAVE THE MINIMUM COVER PER ACI 318, LATEST EDITION.
4. ALL EXISTING EXPOSED STEEL SHALL BE COATED WITH STEEL CORROSION INHIBITING TREATMENT IN ACCORDANCE WITH SPECIFICATION SECTION 039300.

#### H. EMBEDDED GALVANIC ANODES

1. REFER TO CONCRETE REPAIR DETAILS SUCH AS TYPE PFR FOR LOCATIONS WHERE ANODES ARE REQUIRED. REFER TO SPECIFICATION SECTION 039300 FOR ADDITIONAL REQUIREMENTS.
2. CONTRACTOR SHALL ONLY ORDER 10% OF REQUIRED ANODES AT BEGINNING OF PROJECT ONCE SUBMITTAL HAS BEEN APPROVED BY ENGINEER. ENGINEER WILL GIVE DIRECTION TO THE CONTRACTOR TO ORDER ADDITIONAL ANODES AFTER THEIR USE AND NECESSITY HAS BEEN IDENTIFIED DURING THE EARLY STAGES OF THE REPAIR WORK. CONTRACTOR TO INFORM ENGINEER IF LONG LEAD TIME IS EXPECTED ON THE ANODE ORDERS.

### I. EPOXY INJECTION

1. REFER TO SPECIFICATION SECTION 039300 AND EPOXY INJECTION REPAIR DETAIL 9/R2.1 FOR ADDITIONAL REQUIREMENTS.
2. USE APPROPRIATE METHODS AND PLACEMENT OF INJECTION PORTS TO ASSURE COMPLETE COVERAGE OF CRACKS. REVIEW PREPARED CRACK & REPAIR PROCEDURES ON-SITE W/ ENGINEER & OWNER'S INSPECTION AGENCY PRIOR TO INJECTION OF 1ST CRACK.
3. CRACK REPAIR MATERIALS:
  - a. TYPE EI – CRACKS BETWEEN  $\frac{1}{32}$ " &  $\frac{1}{4}$ " : PRESSURE INJECT CRACKS W/ A HIGH-STRENGTH, VERY-LOW-VISCOSITY STRUCTURAL EPOXY (SIKADUR 35 HI-MOD LV, SIKADUR 52 OR EQUAL). SEAL CRACKS PRIOR TO INJECTION W/ SIKADUR 31 HI-MOD GEL OR EQUAL.
  - b. TYPE EIH – HAIRLINE CRACKS <  $\frac{1}{32}$ " THAT REMAIN AFTER INJECTION OF MAJOR CRACKS: PRESSURE INJECT CRACKS W/ A HIGH-STRENGTH, SUPER LOW-VISCOSITY STRUCTURAL EPOXY (SIKADUR 55 SLV OR EQUAL). SEAL CRACKS PRIOR TO INJECTION W/ SIKADUR 31 HI-MOD GEL OR EQUAL.

## J. PENETRATING SEALER AND/OR CORROSION-INHIBITING TREATMENT

1. REFER TO SPECIFICATION SECTION 079020 FOR ACCEPTABLE PENETRATING SEALERS AND SECTION 039300 FOR ACCEPTABLE PENETRATING CORROSION-INHIBITING TREATMENTS WITH OR WITHOUT INTEGRAL SEALERS.
2. PROVIDE SURFACE PREPARATION OF THE FLOOR SLABS BY METHODS WHICH CAN BE PERFORMED WITHOUT DAMAGING EXISTING CONCRETE SURFACES AND IN ACCORDANCE WITH SPECIFICATIONS AND MANUFACTURER REQUIREMENTS.
3. APPLY PRODUCTS IN ACCORDANCE WITH SPECIFICATION AND MANUFACTURER REQUIREMENTS. THE FLOOR COVERAGE RATE SPECIFIED IS MINIMUM REQUIREMENT AND SHALL BE SATISFIED ON A BAY-BY-BAY BASIS. THE APPLICATION SHALL BE INSPECTED BY MANUFACTURER'S REPRESENTATIVE AND ANY ASSOCIATED COSTS SHALL BE INCLUDED WITHIN THE BID.

K. SEALANT

1. REFER TO SPECIFICATION SECTIONS 079020 FOR ACCEPTABLE JOINT SEALANTS.
2. REMOVE AND PROPERLY DISPOSE OF EXISTING SEALANT AND APPLY NEW SEALANT TO MATCH EXISTING COLOR. SAMPLES SHALL BE PROVIDED FOR ENGINEER'S & OWNER'S REVIEW AND APPROVAL.
3. JOINT EDGES SHALL BE WATER-BLASTED, SANDBLASTED OR OTHERWISE CLEANED AND PREPARED PRIOR TO THE SEALANT APPLICATION.
4. PRIMER SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS PRIOR TO APPLICATION OF NEW SEALANT.

## L. EXPANSION JOINT SYSTEMS

1. REFER TO SPECIFICATION SECTION 079020 FOR ACCEPTABLE EXPANSION JOINT SYSTEM AND INSTALLATION PROCEDURES.
2. JOINT EDGES AND BLOCKOUTS SHALL BE SANDBLASTED OR PREPARED ACCORDING TO THE MANUFACTURER'S REQUIREMENTS PRIOR TO THE EXPANSION JOINT APPLICATION.

M. PAINTING

1. TRAFFIC MARKINGS (STRIPING AND TRAFFIC ARROWS)
  - a. CONTRACTOR SHALL REPLACE ALL TRAFFIC MARKINGS (STRIPING AND TRAFFIC ARROWS) THAT ARE WITHIN THE REPAIR WORK. THE CONTRACTOR SHALL DOCUMENT THE EXISTING LAYOUT PRIOR TO CONSTRUCTION, AND AT THE COMPLETION OF REPAIRS PROVIDE THE TRAFFIC MARKINGS TO MATCH SIZE AND LOCATION. REMOVE EXISTING PAINT BY SHOT-BLASTING.
2. STEEL MEMBERS
  - a. CONTRACTOR SHALL SANDBLAST CLEAN ALL STEEL MEMBERS AT REPAIR AREAS AND LOCATIONS INDICATED TO BE PAINTED AND/OR RECEIVE FIREPROOFING.
  - b. ONCE STEEL REPAIR WORK IS COMPLETE, THE CONTRACTOR SHALL APPLY PAINT PER SPECIFICATION SECTION 099100.

N. MECHANICAL/ELECTRICAL/PLUMBING/FIRE PROTECTION SYSTEMS, EQUIPMENT & SERVICES (MEP&FP SERVICES)

1. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ALL EXISTING MEP&P SERVICES. CONTRACTOR SHALL REVIEW ALL REPAIR AREAS PRIOR TO COMMENCING EACH PHASE OF THE WORK AND NOTIFY ENGINEER IF REMOVAL, REPLACEMENT, OR RELOCATION OF MEP&P SERVICES IS NECESSARY TO COMPLETE THE WORK. IF MEP&P WORK IS NECESSARY, INCLUDE THE PROPOSED SCOPE AND ESTIMATED COST. APPROVED MEP&P WORK SHALL BE PERFORMED BY THE CONTRACTOR OR ITS APPROVED SUBCONTRACTOR AND BILLED AGAINST THE MEP&P SERVICES ALLOWANCE.
2. EMBEDDED CONDUITS WITHIN REPAIR AREA SHALL BE LOCATED, MARKED, AND DE-ENERGIZED PRIOR TO DEMOLITION.
3. SPECIAL CARE SHALL BE TAKEN TO PREVENT CLOGGING EXISTING DRAINS.
4. AFTER WORK IS COMPLETE, CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY EXISTING DRAIN SYSTEMS THAT HAVE BEEN CLOGGED BY CONSTRUCTION ACTIVITIES.

### Q. EXAMINATION PRIOR TO CUTTING, DRILLING, AND CORING THROUGH STRUCTURE

- A. DO NOT CUT, DRILL, OR CORE THROUGH ANY STRUCTURAL ELEMENT WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER, U.N.O.
- B. THE CONTRACTOR SHALL SCAN THE CONCRETE AT ALL LOCATIONS OF PROPOSED CUTS AND PENETRATIONS TO LOCATE AND IDENTIFY ALL EMBEDDED OBJECTS INCLUDING BUT NOT LIMITED TO REINFORCING, PRESTRESS OR POST-TENSION STRANDS, CONNECTIONS, ELECTRICAL CONDUIT, AND ANY OTHER HARDWARE/EQUIPMENT. SCANNING SHALL BE PERFORMED BY A CERTIFIED TECHNICIAN USING A PACHOMETER OR GROUND PENETRATING RADAR (GPR) TYPE SCANNER. CALIBRATE THE SCANNER AT THE BEGINNING OF EACH SHIFT AND WHEN CONDITIONS CHANGE. LOCATE AT LEAST THREE REINFORCING BARS USING THE SCANNER, AND HAMMER DRILL TEST HOLES TO DETERMINE DEPTH OF COVER. CALIBRATE SCANNER USING THE DEPTH OF COVER MEASUREMENTS.
- C. ADJUST LOCATIONS OF CUTS AND PENETRATIONS AS REQUIRED TO AVOID EMBEDDED OBJECTS.
- D. SUBMIT SCANNING REPORT(S), INCLUDING PHOTOGRAPHS AND SCALED DRAWINGS AND/OR SKETCHES, TO ENGINEER FOR APPROVAL. ALLOW SEVEN DAYS FOR ENGINEER TO REVIEW AND APPROVE OR COMMENT ON THE PROPOSED CUTS AND PENETRATIONS. ADJUST THE LOCATIONS AS DIRECTED BY THE ENGINEER.
- E. USE HAMMER DRILLS WHEN POSSIBLE; DO NOT CORE DRILL UNLESS THE SCANNING OPERATION HAS CLEARLY SHOWN THAT THE AREA IS FREE OF EMBEDDED OBJECTS.
- F. DO NOT CUT THROUGH OR DAMAGE THE EMBEDDED OBJECTS INCLUDING BUT NOT LIMITED TO REINFORCING, PRESTRESS OR POST-TENSION STRANDS, CONNECTIONS, ELECTRICAL CONDUIT, AND ANY OTHER HARDWARE/EQUIPMENT.

P. MASONRY REPOINTING

1. THE ASSUMED MASONRY SIZE FOR REPAIR TYPE M1 & M2 SHALL BE 8"x8"x16" NOMINAL WITH 3/8" MORTAR JOINTS. FIELD VERIFY AND MATCH THE TYPE, SIZE AND FINISH OF THE EXISTING MASONRY.
2. REFER TO SPECIFICATION SECTION 040120.63 FOR MASONRY REPAIR/REPLACEMENT REQUIREMENTS.
3. REFER TO SPECIFICATION SECTION 040420.64 AND THE FOLLOWING FOR MASONRY REPOINTING REQUIREMENTS:
  - a. CLEAN OUT OLD MORTAR. RAKE OUT DAMAGED, POWDERY, OR DISINTEGRATING MORTAR WITH A COLD CHISEL OR SCREWDRIVER. BRUSH OUT ANY BRICK DUST.
  - b. USE A SPONGE, BRUSH, OR RAG TO MOISTEN THE REPAIR AREA WITH WATER.
  - c. USE MORTAR AND A GROUT BAG AND APPLY FRESH MORTAR INTO THE JOINTS. GO BACK OVER THE JOINTS WITH A POINTING TROWEL AND TRIM OFF THE EXCESS. BE CAREFUL TO AVOID SMUDGING AND STAINING MORTAR ON TO THE FACE OF THE BRICKS.
  - d. AS THE MORTAR STARTS TO SET, SHAPE THE MORTAR JOINTS TO MATCH THE LOOK OF THE ORIGINAL, USING AN APPROPRIATE SHAPER. WHEN THE MORTAR IS ALMOST SET, USE A BRUSH AND LIGHTLY BRUSH OFF ANY EXCESS STILL ON THE MASONRYWORK.
  - e. DO NOT CHIP, CUT, OR REMOVE THE MASONRY'S SKIN WHICH WILL ACCELERATE DECAY.
  - f. REPOINT ONLY WHEN TEMPERATURES REMAIN BETWEEN 40 AND 90 DEGREES FAHRENHEIT.
  - g. PROVIDE MOCKUP SAMPLE OF REPOINTING IN FIELD FOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF WORK.

PROJECT NO.  
NBR22110.00

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PROJECT

# HINSON GARAGE 2022 RESTORATION

Camden, NJ


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SUBMISSIONS / REVISIONS

ISSUE FOR B

04/22/2022

[illegible]

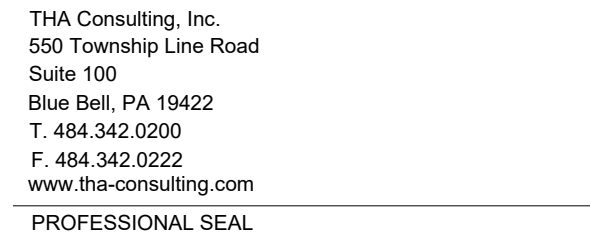

 DRAWN: BJ  
 REVIEWED: JCR  
 DATE: 04/22/2022

SHEET TITLE:  
GENERAL NOTES

SHEET NO

# R0.1





THE FOLLOWING INFORMATION SHALL BE USED BY THE BIDDER FOR ASSISTANCE IN PREPARING THE BID. THE ITEMS NOTED AS UNIT PRICE WORK SHALL BE BID IN ACCORDANCE WITH THE QUANTITIES SHOWN FOR THE BASE BID. THE CONTRACT PRICE WILL BE ADJUSTED TO REFLECT THE ACTUAL QUANTITY OF WORK PERFORMED. THE UNIT PRICES WILL BE USED TO INCREASE OR DECREASE THE CONTRACT SUM.

THE REPAIR AREAS INDICATED ON THE DRAWINGS ARE A GENERAL INDICATION OF WHERE THE ENGINEER'S SURVEYS HAVE NOTED POSSIBLE REPAIR LOCATIONS. THE CONTRACTOR SHALL NOT MAKE ANY ASSUMPTIONS OF REPAIR LOCATIONS, SIZES, OR OVERALL QUANTITIES BASED UPON THE INFORMATION ON PLANS. THE PROCEDURE FOR DETERMINING THE REPAIR LOCATIONS ARE EXPLAINED IN THE GENERAL NOTES AND SPECIFICATIONS. ALL WORK SHALL BE PERFORMED BASED ON THE GENERAL CONDITIONS SET FORTH IN THE PROJECT SPECIFICATIONS.

\* THE CONTINGENT REPAIR QUANTITIES ARE INCLUDED IN THE TOTAL BASE BID QUANTITY. THE EXACT LOCATION AND QUANTITIES OF REPAIRS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. CONTRACTOR SHALL ONLY ORDER 10% OF REQUIRED MATERIALS AT BEGINNING OF PROJECT ONCE SUBMITTAL HAS BEEN APPROVED BY ENGINEER. CONTRACTOR SHALL ORDER ADDITIONAL MATERIALS AFTER THEIR USE AND NECESSITY HAS BEEN IDENTIFIED DURING THE EARLY STAGES OF THE REPAIR WORK. CONTRACTOR TO INFORM THE ENGINEER/OWNER IF A LONG LEAD TIME IS EXPECTED ON THE MATERIAL ORDERS.

UMP SUM WORK ITEMS

- GENERAL CONDITIONS (REFER TO PROJECT SPECIFICATIONS)
- PLUMBING SYSTEM CLEAN-UP PER GENERAL NOTE N/R0.1
- APPLICATION OF TRAFFIC MARKINGS (STRIPING AND TRAFFIC ARROWS) WITHIN REPAIR AREAS.
- REPLACE MISSING FIRE EXTINGUISHER AT ELEVEN (11) LOCATIONS.
- REPLACE 6 LF OF CORRODED CONDUIT TO MATCH EXISTING. SEE LOCATION ON THIRD TIER PLAN.
- REPLACE STAIR NOSING TO MATCH EXISTING AT TWO (2) LOCATIONS. SEE LOCATION ON FIFTH TIER PLAN.
- ALL OTHER MISCELLANEOUS ITEMS SPECIFIED IN PROJECT SPECIFICATIONS, GENERAL NOTES SHEET R0.1, AND ALL REPAIR DETAILS.

<u>FLOOR REPAIR</u>	
PFR	PARTIAL DEPTH FLOOR REPAIR
FFR	FULL DEPTH FLOOR REPAIR
TTS	TEE-TO-TEE SEALANT REPLACEMENT
SR	SEALANT REPLACEMENT
FCS	STATIC FLOOR CRACK REPAIR
EJ	EXPANSION JOINT REPLACEMENT
EJN	EXPANSION JOINT NOSING REPAIR
EI	EPOXY INJECTION
COR	CONCRETE OVERLAY REPAIR
TTC1	TEE-TO-TEE CONNECTION REPAIR
CRB	CURB REPAIR
PEJ	PRE-MOLD EXPANSION JOINT REPAIR

A.B.	ANCHOR BOLTS
A.F.F.	ABOVE FINISHED FLOOR
ALT.	ALTERNATE
ARCH.	ARCHITECT
BET.	BETWEEN
BIT.	BITUMINOUS
BOTT.	BOTTOM
BRG.	BEARING
C.I.P.	CAST-IN-PLACE
C.J.	CONTROL JOINT/ CONSTRUCTION JOINT
CL./CLR.	CLEAR
C.M.	CONSTRUCTION MANAGER
C.M.U.	CONCRETE MASONRY UNIT
COL.	COLUMN
CONC.	CONCRETE
CONN.	CONNECTION
CONT.	CONTINUOUS
CONTR.	CONTRACTOR
D.B.A.	DEFORMED BAR ANCHOR
DET.	DETAIL
DIA.	DIAMETER
DIM.	DIMENSION
DN.	DOWN
DWG(S).	DRAWING(S)
(E)	EXISTING
E.A.	EACH
E.B.F.	ELEVATION BOTTOM OF FOOTING
E.B.P.	ELEVATION BOTTOM OF PIER
E.F.	EACH FACE
E.F.G.	ELEVATION FINISHED GRADE
E.J.	EXPANSION JOINT
EL./ELEV.	ELEVATION
ELEC.	ELECTRICAL
E.T.B.	ELEVATION TOP OF BEAM
E.T.C.	ELEVATION TOP OF PILE OR DRILLED PIER CAP
E.T.F.	ELEVATION TOP OF FOOTING
E.T.L.	ELEVATION TOP OF LEDGE
E.T.P.	ELEVATION TOP OF PIER
E.T.P./C.	ELEVATION TOP OF PRECAST
E.T.S.	ELEVATION TOP OF SLAB
E.T.W.	ELEVATION TOP OF WALL
E.W.	EACH WAY
E.W.E.F.	EACH WAY, EACH FACE
E.W.P.	ELEVATION WORKING POINT
EXT.	EXTERIOR
F.D.	FLOOR DRAIN
F.E.	FIRE EXTINGUISHER
F.F.	FAR FACE
FDN.	FOUNDATION
FIN.	FINISH
FL./FLR.	FLOOR
FTG.	FOOTING
GA.	GAUGE
GALV.	GALVANIZED
G.B.	GRADE BEAM
G.C.	GENERAL CONTRACTOR
GR.	GRADE
G.W.B.	GYPSSUM WALL BOARD
GPR	GROUND PENETRATION RADAR

H.A.S.	HEADED ANCHOR STUDS
H.M.	HOLLOW METAL
HOR.	HORIZONTAL
HT.	HEIGHT
H.V.A.C.	HEATING, VENTILATION & AIR CONDITIONING
I.D.	INSIDE DIAMETER
INFO.	INFORMATION
INSUL.	INSULATION
INT.	INTERIOR
INV.	INVERT
JT.	JOINT
LBS.	POUNDS
LIN.	LINEAL
MAX.	MAXIMUM
MECH.	MECHANICAL
MFR.	MANUFACTURER
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MSB	MEDIUM SAND BLAST
MTL.	METAL
(N)	NEW
N.F.	NEAR FACE
N.I.C.	NOT IN CONTRACT
N.S.N.S.	NON-SHRINK, NON-STAIN
N.T.S.	NOT TO SCALE
O.C., O/C	ON CENTERS
O.D.	OUTSIDE DIAMETER
O.H.	OPPOSITE HAND
P/C	PRECAST CONCRETE
PSI	POUNDS PER SQUARE INCH
PSF	POUNDS PER SQUARE FOOT
P/T	POST-TENSIONED
R.D.	ROOF DRAIN
REINF.	REINFORCEMENT/REINFORCING
REQ'D	REQUIRED
RM.	ROOM
R.O.	ROUGH OPENING
SCHED.	SCHEDULE
SECT.	SECTION
SHT.	SHEET
SIM.	SIMILAR
S.O.G.	SLAB-ON-GRADE
SPECS.	SPECIFICATIONS
SQ.	SQUARE
STD.	STANDARD
STL.	STEEL
T & B	TOP AND BOTTOM
T.B.D.	TO BE DETERMINED
TYP.	TYPICAL
U.N.	UNLESS NOTED
VERT.	VERTICAL
V.I.F.	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
W.P.	WORKING POINT
WT.	WEIGHT
WWF	WELDED WIRE FABRIC
WWR	WELDED WIRE REINFORCEMENT

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PROJECT NO.  
NBR22110.00

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PROJECT

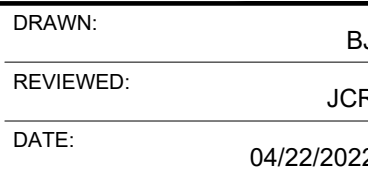
# HINSON GARAGE 2022 RESTORATION

Camden, NJ

SUBMISSIONS / REVISIONS

ISSUE FOR BID

04/22/2022

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SCOPE OF WORK

SHEET NO

# R0.2



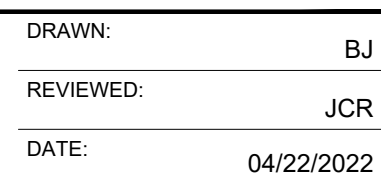
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NBR22110.00  
PROJECT

# HINSON GARAGE 2022 RESTORATION

Camden, NJ

SUBMISSIONS / REVISIONS  
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04/22/2022

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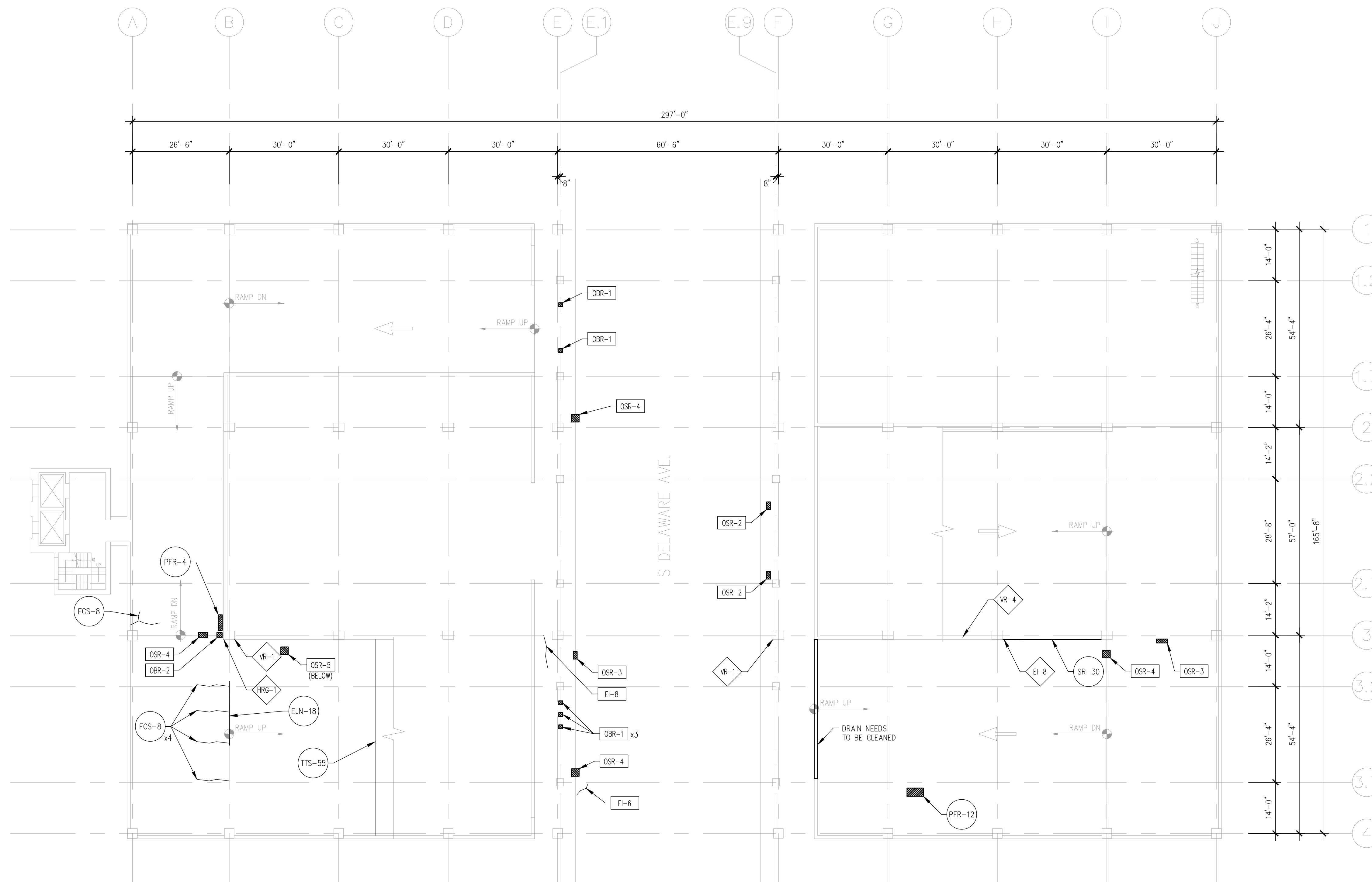
SHEET TITLE:

# GROUND TIER RESTORATION PLAN

SHEET NO. \_\_\_\_\_

## R1.1





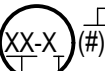


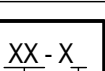
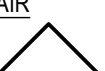
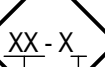
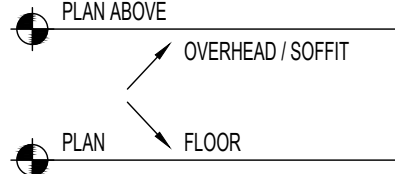
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1  
R1.1

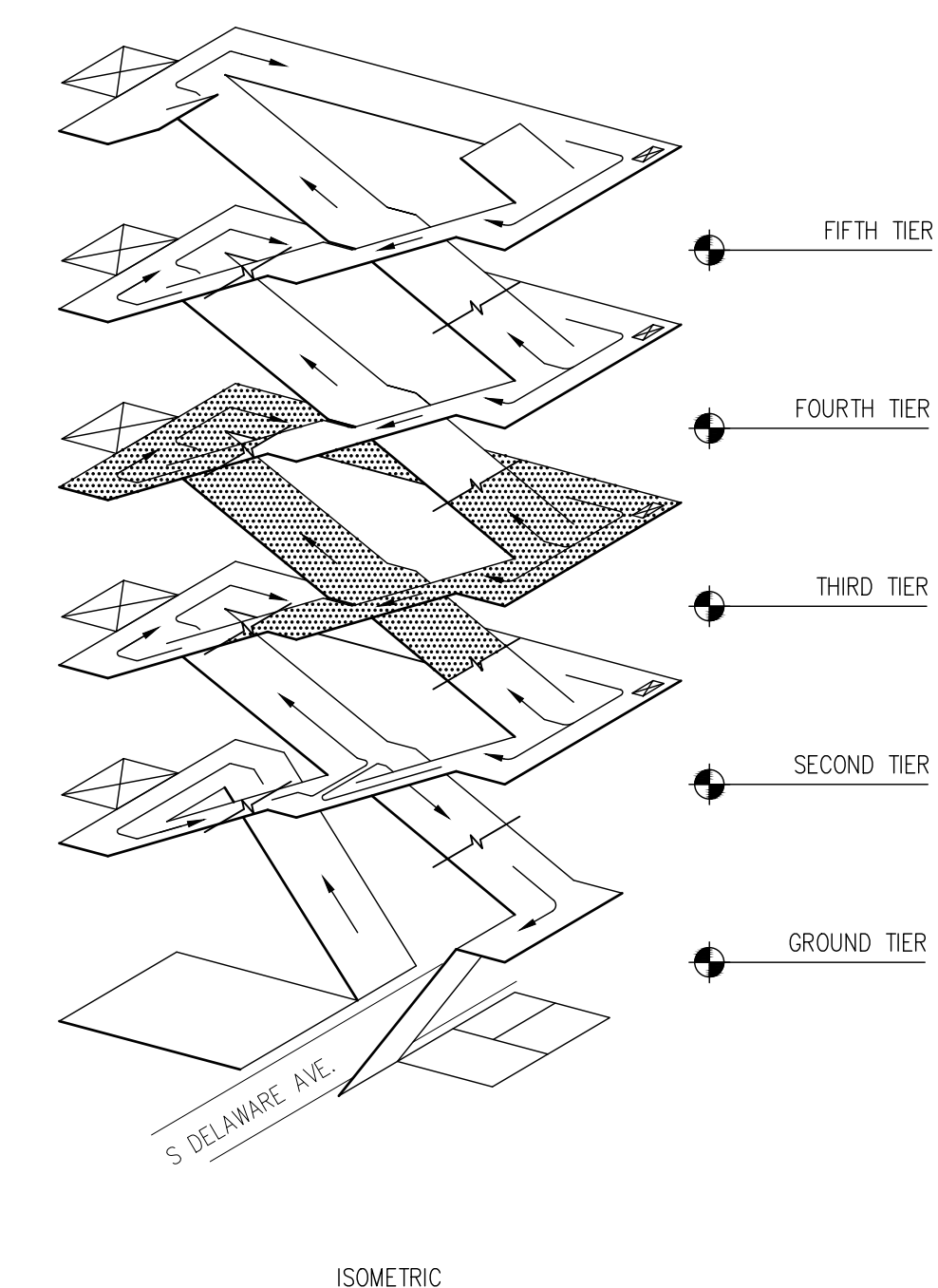
## GROUND TIER RESTORATION PLAN

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

LEGEND		
<b>FLOOR REPAIR</b>	 PARTIAL DEPTH FLOOR REPAIR OR CURB REPAIR  OVERHEAD SURFACE REPAIR OR OVERHEAD BEAM REPAIR  FULL DEPTH FLOOR REPAIR  CONCRETE OVERLAY REPAIR	<b>FLOOR REPAIR</b>
REPAIR TYPE OF REFERENCE  # OF LOCATIONS PER REFERENCE QUANTITY	 STATIC FLOOR CRACK REPAIR OR EPOXY INJECTION  TEE-TO-TEE SEALANT REPLACEMENT OR SEALANT REPLACEMENT	PFR PARTIAL DEPTH FLOOR REPAIR FFR FULL DEPTH FLOOR REPAIR TTS TEE-TO-TEE SEALANT REPLACEMENT SCR SEALANT REPLACEMENT SFR STATIC FLOOR CRACK REPAIR EJJ EXPANSION JOINT REPLACEMENT EJJN EXPANSION JOINT NOSING REPAIR EI EPOXY INJECTION COR CONCRETE OVERLAY REPAIR TTC TEE-TO-TEE CONNECTION REPAIR CRB CURB REPAIR PEJ PRE-MOLD EXPANSION JOINT REPAIR
<b>OVERHEAD / SOFFIT REPAIR</b>	 # OF LOCATIONS PER REFERENCE QUANTITY	
<b>VERTICAL REPAIR</b>	 # OF LOCATIONS PER REFERENCE QUANTITY	<b>OVERHEAD / SOFFIT REPAIR</b> OBR OVERHEAD BEAM REPAIR OSR OVERHEAD SURFACE REPAIR EI EPOXY INJECTION
REPAIR TYPE OF REFERENCE  # OF LOCATIONS PER REFERENCE QUANTITY	REPAIR AREAS ON PLAN ARE DEPICTED ON THE FOLLOWING SURFACES: 	<b>VERTICAL REPAIR</b> VR VERTICAL REPAIR HR HAUNCH REPAIR VSR VERTICAL SEALANT REPLACEMENT EI EPOXY INJECTION BCR BARRIER CABLE REPAIR RPH REPAIRING HANDRAIL M1 MASONRY REPORTING M2 MASONRY REPAIR







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PROJECT

# HINSON GARAGE 2022 RESTORATION

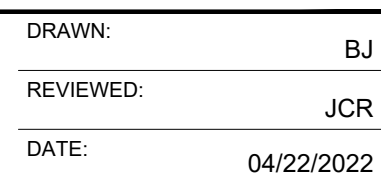
Camden, NJ

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04/22/2022

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SHEET TITLE:


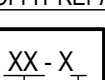
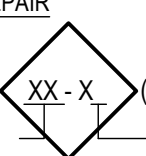


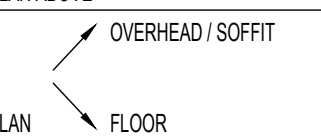
### THIRD TIER RESTORATION PLAN

SHEET NO. \_\_\_\_\_

## R1.3

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# THIRD TIER RESTORATION PLAN

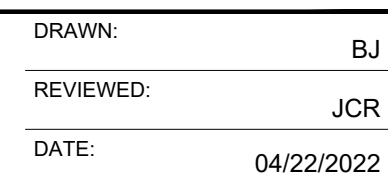
LEGEND		
<p><b>FLOOR REPAIR</b></p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;"> REPAIR TYPE OF REFERENCE </div> <div style="text-align: center;">  <p># OF LOCATIONS PER REFERENCE</p> <p>QUANTITY</p> </div> </div>		
<div style="display: flex; align-items: center;"> <div style="width: 30px; height: 30px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black; margin-right: 10px;"></div> PARTIAL DEPTH FLOOR REPAIR OR CURB REPAIR </div> <div style="display: flex; align-items: center;"> <div style="width: 30px; height: 30px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black; margin-right: 10px;"></div> OVERHEAD SURFACE REPAIR OR OVERHEAD BEAM REPAIR </div> <div style="display: flex; align-items: center;"> <div style="width: 30px; height: 30px; background: radial-gradient(circle, black 1px, transparent 1px); background-size: 4px 4px; border: 1px solid black; margin-right: 10px;"></div> FULL DEPTH FLOOR REPAIR </div> <div style="display: flex; align-items: center;"> <div style="width: 30px; height: 30px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black; margin-right: 10px;"></div> CONCRETE OVERLAY REPAIR </div>		
<p><b>OVERHEAD / SOFFIT REPAIR</b></p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;"> REPAIR TYPE OF REFERENCE </div> <div style="text-align: center;">  <p># OF LOCATIONS PER REFERENCE</p> <p>QUANTITY</p> </div> </div>		
<p><b>VERTICAL REPAIR</b></p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;"> REPAIR TYPE OF REFERENCE </div> <div style="text-align: center;">  <p># OF LOCATIONS PER REFERENCE</p> <p>QUANTITY</p> </div> </div>		
<p>REPAIR AREAS ON PLAN ARE DEPICTED ON THE FOLLOWING SURFACES:</p> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">  <p>PLAN ABOVE</p> </div> <div style="margin-right: 10px;">  <p>PLAN</p> </div> <div>  </div> </div>		
<p><b>FLOOR REPAIR</b></p> <p>FFR PARTIAL DEPTH FLOOR REPAIR</p> <p>FFR FULL DEPTH FLOOR REPAIR</p> <p>TTS TEE-TOE-TEE SEALANT REPLACEMENT</p> <p>SR SEALANT REPLACEMENT</p> <p>CS STATIC FLOOR CRACK REPAIR</p> <p>EJ EXPANSION JOINT REPLACEMENT</p> <p>EJN EXPANSION JOINT NOSING REPAIR</p> <p>EI EPOXY INJECTION</p> <p>CCR CONCRETE OVERLAY REPAIR</p> <p>TTC1 TEE-TOE-TEE CONNECTION REPAIR</p> <p>CRB CURB REPAIR</p> <p>PEJ PRE-MOLD EXPANSION JOINT REPAIR</p>		
<p><b>OVERHEAD / SOFFIT REPAIR</b></p> <p>OSR OVERHEAD BEAM REPAIR</p> <p>OSR OVERHEAD SURFACE REPAIR</p> <p>EI EPOXY INJECTION</p>		
<p><b>VERTICAL REPAIR</b></p> <p>VR VERTICAL REPAIR</p> <p>HR HAUNCH REPAIR</p> <p>VSR VERTICAL SEALANT REPLACEMENT</p> <p>EI EPOXY INJECTION</p> <p>BCR BARRIER CABLE REPAIR</p> <p>RPH REPAIRING HANDRAIL</p> <p>M1 MASONRY REPORTING</p> <p>M2 MASONRY REPAIR</p>		





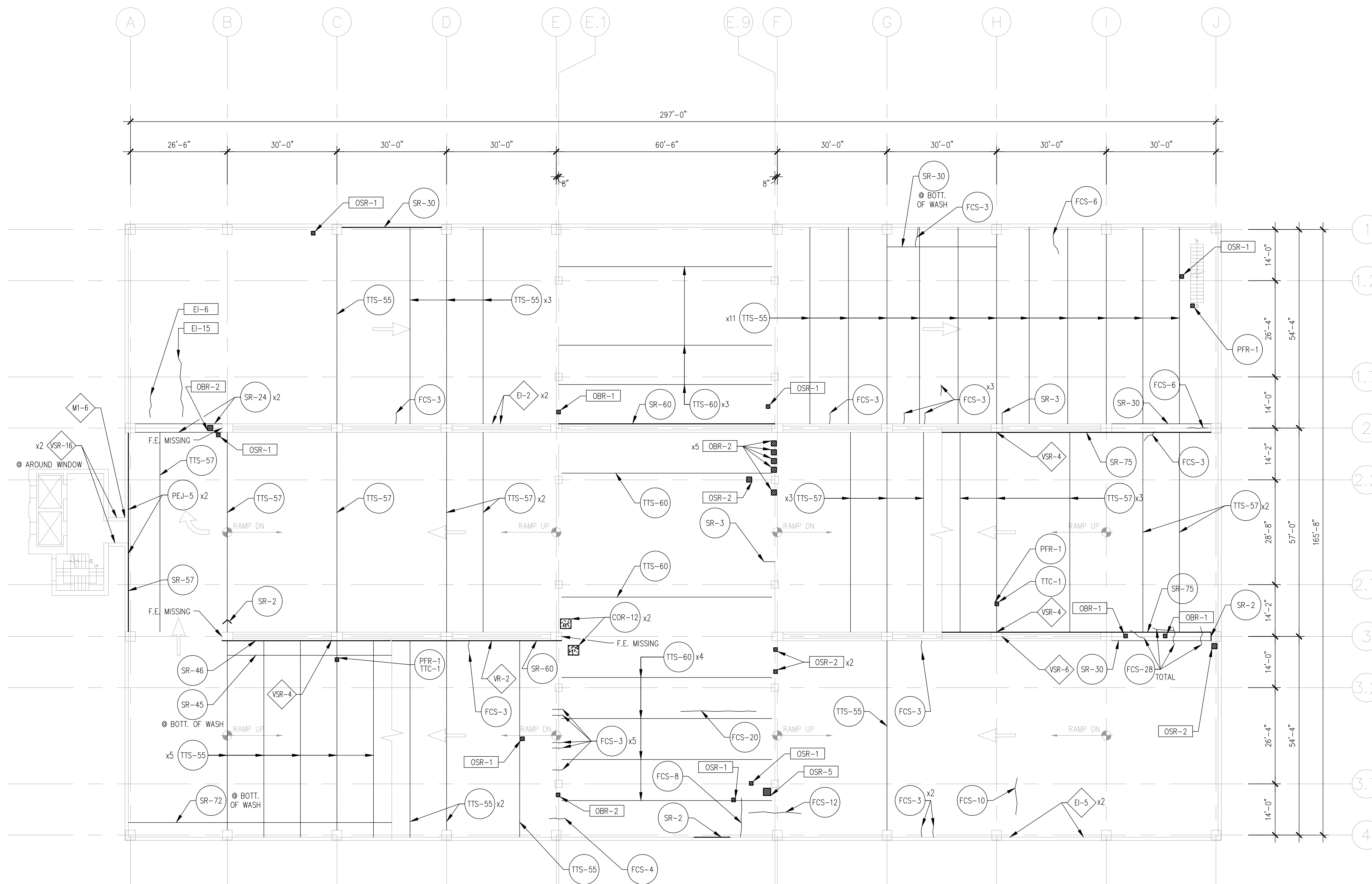
# HINSON GARAGE 2022 RESTORATION

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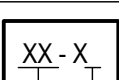
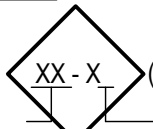


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SHEET NO. \_\_\_\_\_

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**1** **FOURTH TIER RESTORATION PLAN**  
R1.4 SCALE : 1/16" = 1' -0"

LEGEND		
<b>FLOOR REPAIR</b>	 PARTIAL DEPTH FLOOR REPAIR OR CURB REPAIR  OVERHEAD SURFACE REPAIR OR OVERHEAD BEAM REPAIR  FULL DEPTH FLOOR REPAIR  CONCRETE OVERLAY REPAIR	<b>FLOOR REPAIR</b>
REPAIR TYPE OF REFERENCE  # OF LOCATIONS PER REFERENCE QUANTITY		PFR PARTIAL DEPTH FLOOR REPAIR FFR FULL DEPTH FLOOR REPAIR TTS TEE-TO-TEE SEALANT REPLACEMENT SCR SEALANT REPLACEMENT FSR STATIC FLOOR CRACK REPAIR EJJ EXPANSION JOINT REPLACEMENT EJJN EXPANSION JOINT NOSING REPAIR EI EPOXY INJECTION COR CONCRETE OVERLAY REPAIR TTC1 TEE-TO-TEE CONNECTION REPAIR CRB CURB REPAIR PEJ PRE-MOLD EXPANSION JOINT REPAIR
<b>OVERHEAD / SOFFIT REPAIR</b>	 STATIC FLOOR CRACK REPAIR OR EPOXY INJECTION  TEE-TO-TEE SEALANT REPLACEMENT OR SEALANT REPLACEMENT	
REPAIR TYPE OF REFERENCE  # OF LOCATIONS PER REFERENCE QUANTITY		
<b>VERTICAL REPAIR</b>		<b>OVERHEAD / SOFFIT REPAIR</b>
REPAIR TYPE OF REFERENCE  # OF LOCATIONS PER REFERENCE QUANTITY	REPAIR AREAS ON PLAN ARE DEPICTED ON THE FOLLOWING SURFACES:	OBR OVERHEAD BEAM REPAIR OSR OVERHEAD SURFACE REPAIR EI EPOXY INJECTION
	 PLAN ABOVE  PLAN	<b>VERTICAL REPAIR</b> VR VERTICAL REPAIR HR HAUNCH REPAIR VSR VERTICAL SEALANT REPLACEMENT EI EPOXY INJECTION BCR BARRIER CABLE REPAIR RPH REPAIRING HANDRAIL M1 MASONRY REPORTING M2 MASONRY REPAIR

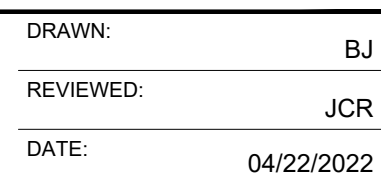


PROJECT NO.  
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PROJECT

# HINSON GARAGE 2022 RESTORATION

Camden, NJ

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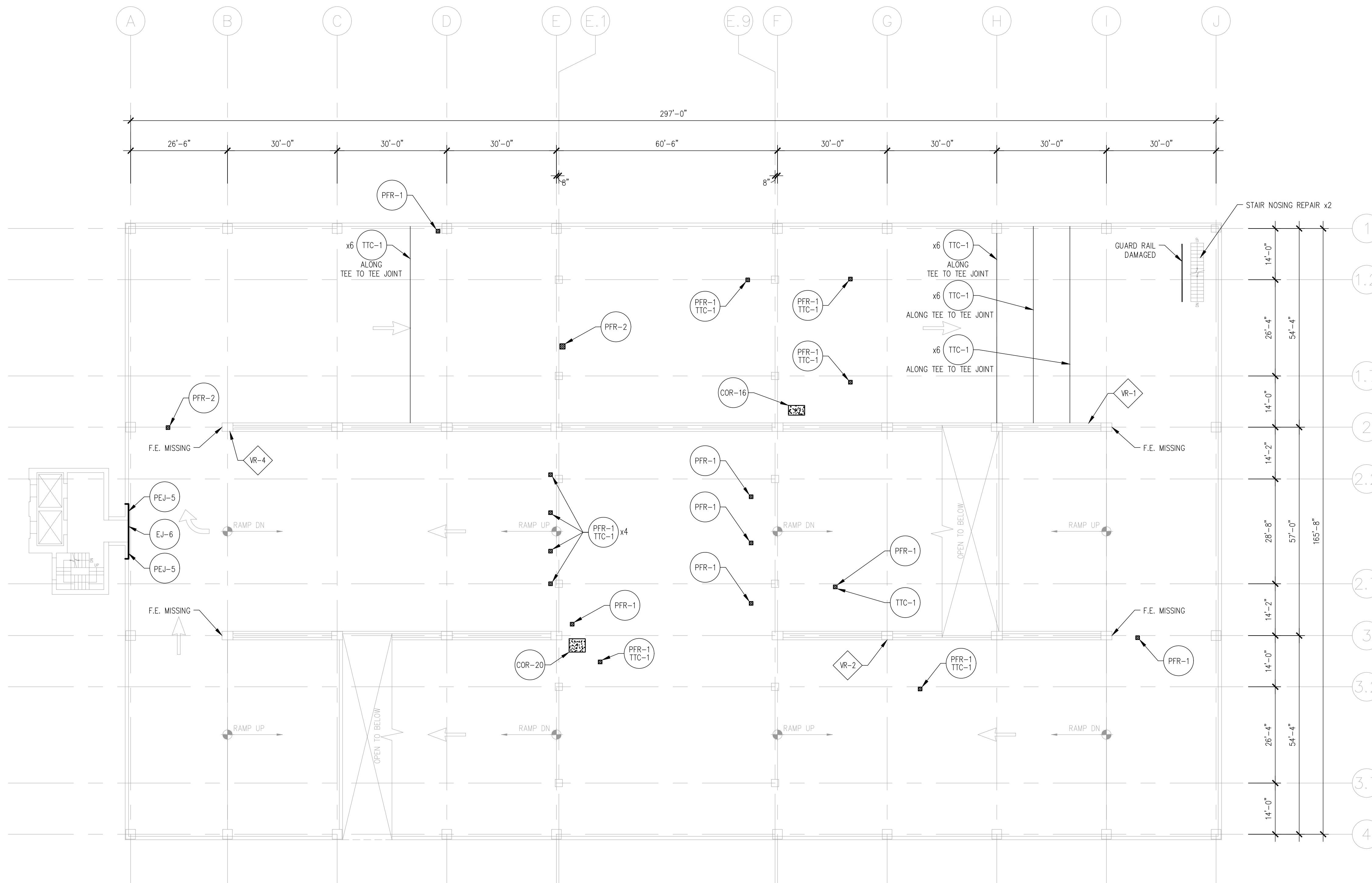
SHEET TITLE:

FIFTH TIER  
RESTORATION PLAN

SHEET NO. \_\_\_\_\_

# R1.5




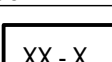

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**NOTE:**

1. REPLACE ALL VERTICAL JOINT SEALANT AT COLUMNS: VSR-10 AT 40 COLUMNS (VSR-400).
2. REPLACE ALL COVE SEALANT (SR-4,374).
3. REPLACE ALL TEE TO TEE JOINT SEALANT (TTS-4,632)

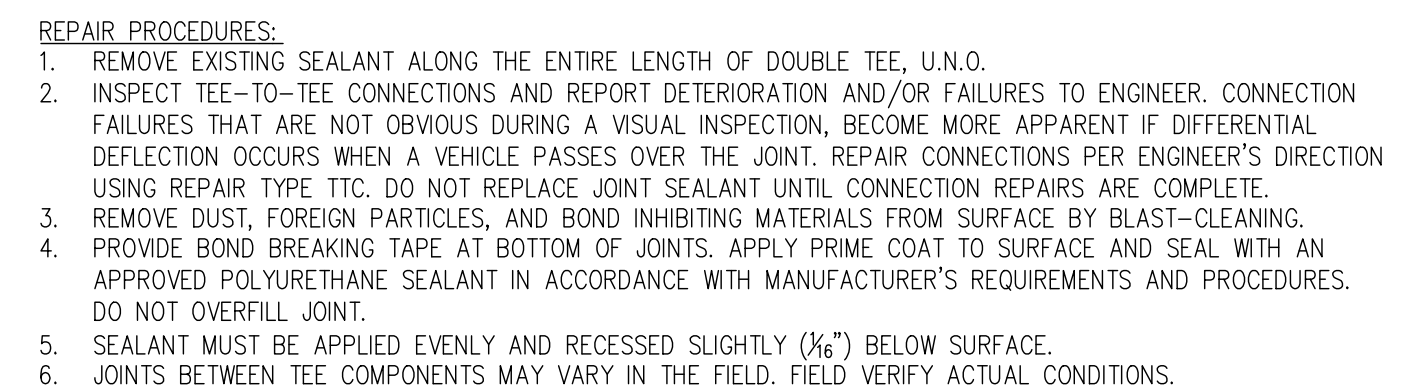
1 FIFTH (TOP) TIER RESTORATION PLAN  
R1.5 SCALE : 1/16" = 1' -0"

LEGEND		
<b>FLOOR REPAIR</b>	<div></div> PARTIAL DEPTH FLOOR REPAIR OR CURB REPAIR	<b>FLOOR REPAIR</b>
REPAIR TYPE OF REFERENCE	<div></div> # OF LOCATIONS PER REFERENCE	PFR PARTIAL DEPTH FLOOR REPAIR
	QUANTITY	FFR FULL DEPTH FLOOR REPAIR
		TTS TEE-TO-TEE SEALANT REPLACEMENT
		SCR SEALANT REPLACEMENT
		SFR STATIC FLOOR CRACK REPAIR
		EJ EXPANSION JOINT REPAIR
		E/N EXPANSION JOINT NOSING REPAIR
		EI EPOXY INJECTION
		CCR CONCRETE OVERLAY REPAIR
		TCI TEE-TO-TEE CONNECTION REPAIR
		CRB CURB REPAIR
		PEJ PRE-MOLD EXPANSION JOINT REPAIR
<b>OVERHEAD / SOFFIT REPAIR</b>	<div></div> STATIC FLOOR CRACK REPAIR OR EPOXY INJECTION	<b>OVERHEAD / SOFFIT REPAIR</b>
REPAIR TYPE OF REFERENCE	<div></div> # OF LOCATIONS PER REFERENCE	OBR OVERHEAD BEAM REPAIR
	QUANTITY	OSR OVERHEAD SURFACE REPAIR
		EI EPOXY INJECTION
<b>VERTICAL REPAIR</b>	<div></div> # OF LOCATIONS PER REFERENCE	<b>VERTICAL REPAIR</b>
REPAIR TYPE OF REFERENCE	QUANTITY	VR VERTICAL REPAIR
		HR HAUNCH REPAIR
		VSR VERTICAL SEALANT REPLACEMENT
		EI EPOXY INJECTION
		BCR BARRIER CABLE REPAIR
		RPH REPAIRING HANDRAIL
		M1 MASONRY REPORTING
		M2 MASONRY REPAIR

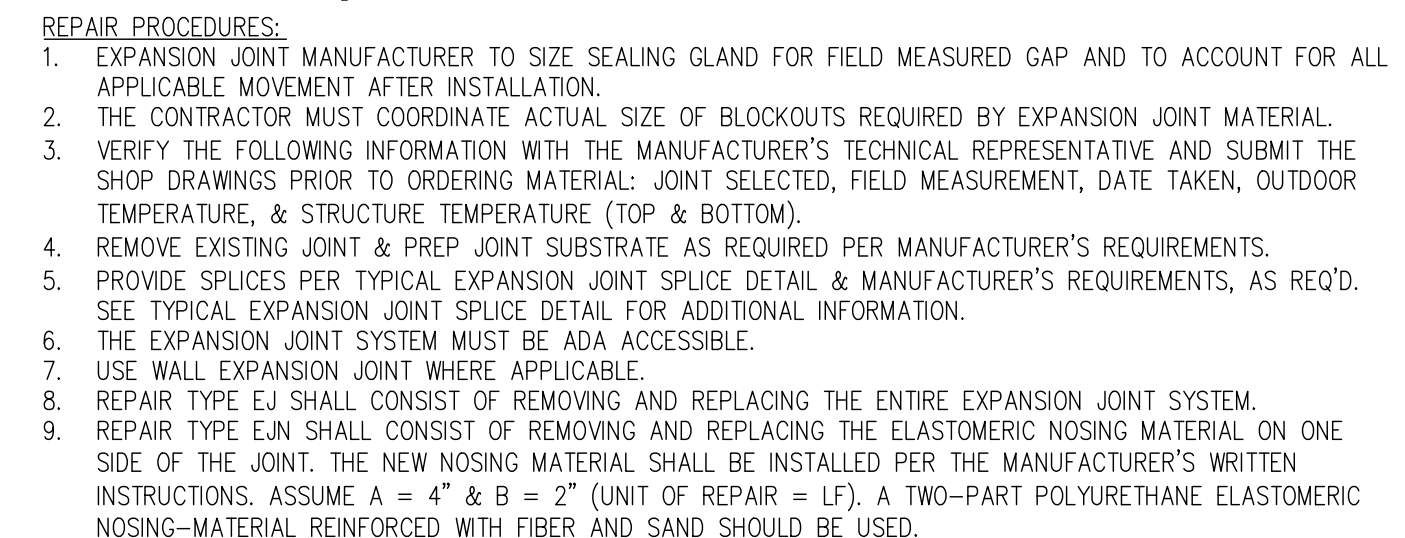




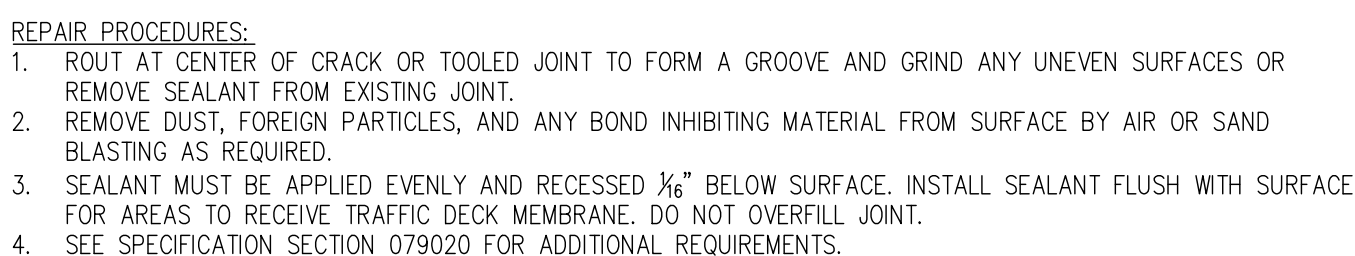




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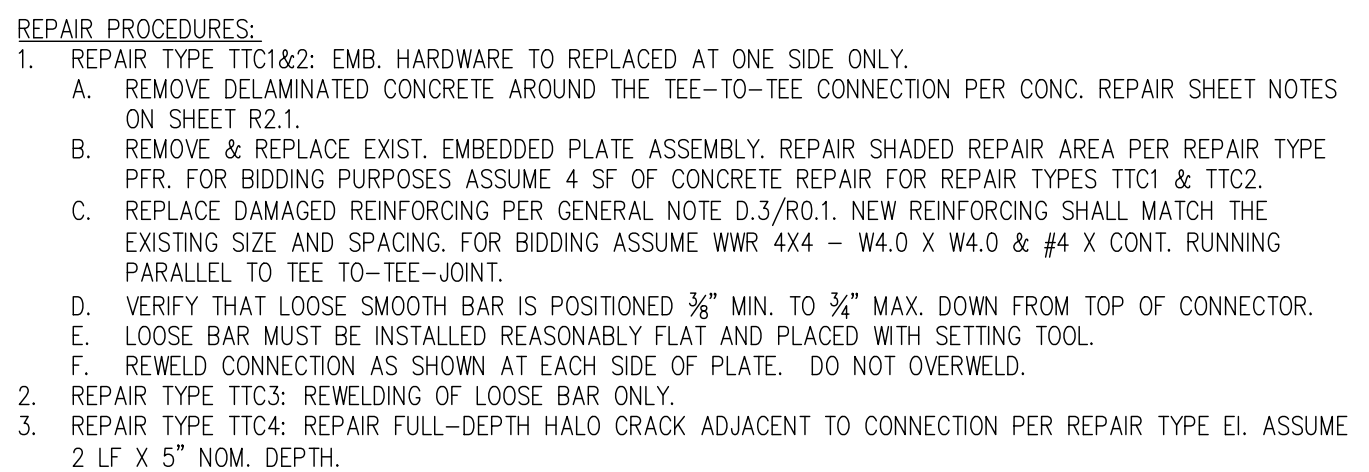
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## SCALE: N.T.S.



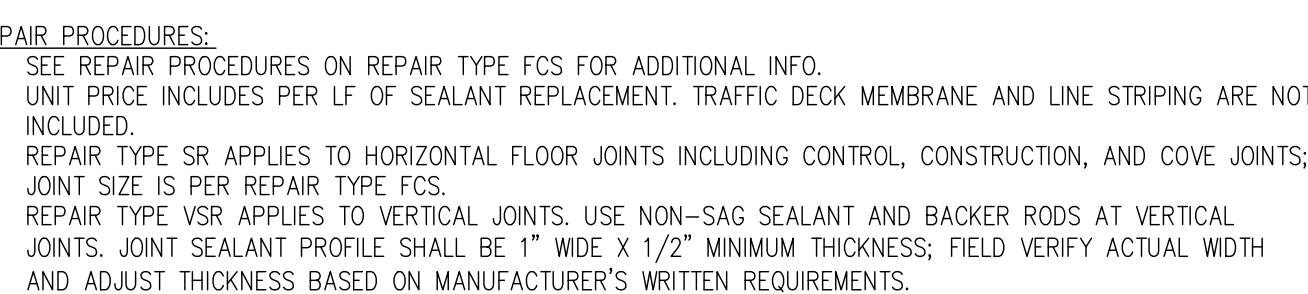
## SCALE: N.T.S.



## SCALE: N.T.S.



## SCALE: N.T.S.



## SCALE: N.T.S.

PROJECT NO.  
NBR22110.00  
PROJECT

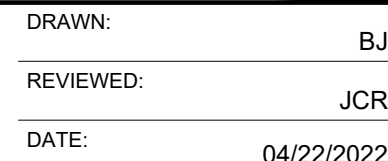
## Camden, NJ

ISSUE FOR BID

ISSUE FOR R

ISSUE FOR D  
6/22/2022

NO.	DESCRIPTION	DATE
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SHEET TITLE:

REPAIR DETAILS

SHEET NO. \_\_\_\_\_

## R2.2

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