

 $\overline{\text{TOP OF}}$ SLAB ELEVATION = STRUCTURAL ELEVATION (+0'-0").

6" BETWEEN BASE COURSE OR SUBGRADE AND CONCRETE SLAB.

TOP OF FOOTING NOTED (-x'-xx") BELOW FINISH FLOOR ELEVATION. FOR GENERAL NOTES, SEE S200 SERIES. TYPICAL DETAILS, SEE SHEET S300.

- XF-X.X INDICATES SPREAD FOOTING SIZE. SEE 11/S300 FOR SCHEDULE. 4. SLAB ON GRADE IS 4" THICK NORMAL WEIGHT CONCRETE. REINFORCED WITH 6x6 - W1.4xW1.4 W.W.F. WITH 10 MIL POLYETHYLENE VAPOR RETARDER WITH JOINTS LAPPED NOT LESS THAN
- SLAB ON GRADE IN PARKING GARAGE IS 5" THICK NORMAL WEIGHT CONCRETE. REINFORCED
- WITH 6x6 W2.1xW2.1 W.W.F. WITH 10 MIL POLYETHYLENE VAPOR RETARDER WITH JOINTS
- LAPPED NOT LESS THAN 6" BETWEEN BASE COURSE OR SUBGRADE AND CONCRETE SLAB. 6. COORDINATE SLAB DEPRESSIONS AND TRENCH DRAINS WITH ARCHITECTURAL AND PEMB
- DRAWINGS. SEE DETAILS ON S300. 7. SEE S300 FOR ANCHOR BOLT SCHEDULE. CONTRACTOR SHALL NOTIFY STRUCTURAL
- ENGINEER ABOUT DISCREPANCIES BETWEEN FOOTING ELEVATIONS AND CIVIL GRADES AND UTILITIES PRIOR TO POURING FOOTINGS.
- 8. CONTRACTOR SHALL NOTIFY STRUCTURAL ENGINEER ABOUT DISCREPANCIES BETWEEN FOOTING ELEVATIONS AND CIVIL GRADES AND UTILITIES PRIOR TO POURING FOOTINGS.
- ACCORDANCE WITH THE DETAILS SHOWN, THE CONTRACTOR SHALL NOTIFY THE DESIGN

9. IF THE EXISTING FIELD CONDITIONS DO NOT PERMIT THE INSTALLATION OF THE WORK IN

10. COORDINATE ALL ANCHOR BOLT LAYOUTS WITH FINAL FIELD USE DRAWINGS FROM PEMB. 11. GB-1 INDICATES CONCRETE GRADE BEAM, SEE SCHEDULE ON S301.

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FEG JOB #24-431.000

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REVISIONS NO: DATE: DESCRIPTION:

DATE 7.21.2024 PROJECT # 24-431.000 SCALE AS NOTED DRAWN BY DPH

- THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, AND 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, SEQUENCE AND SAFETY. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL REQUIRED TEMPORARY BRACING AND SHORING DURING CONSTRUCTION TO MAINTAIN THE STABILITY OF THE STRUCTURE. CONSTRUCTION LOADS SHALL NOT EXCEED THE CAPACITY OF THE INSTALLED STRUCTURE AT ANY TIME.
- THE ENGINEER DOES NOT HAVE CONTROL OR 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 OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- STRUCTURAL DRAWINGS ARE TO BE USED IN CONJUNCTION WITH ARCHITECTURAL AND OTHER CONTRACT DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF THE MOST CURRENT SET OF DRAWINGS. DISCREPANCIES, INCLUDING DIMENSIONS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT
- OR DESIGN ENGINEER PRIOR TO PROCEEDING WITH FABRICATION OR CONSTRUCTION. ALL THINGS WHICH, IN THE OPINION OF THE CONTRACTOR, APPEAR TO BE CONTRADICTIONS OR AMBIGUITIES IN THE DESIGN DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER PRIOR TO ORDERING, FABRICATION OR CONSTRUCTION.
- DETAILS / SECTIONS SHOWN ON DRAWINGS ARE TYPICAL AND MAY APPLY TO LOCATIONS OTHER THAN WHERE SPECIFICALLY MARKED ON THE PLANS. IF SECTIONS OR DETAILS DO NOT REPRESENT ALL REQUIRED CONDITIONS, THE ENGINEER SHALL BE CONTACTED FOR CLARIFICATION BY THE GENERAL CONTRACTOR.
- IF EXISTING CONDITIONS MAKE IT NECESSARY TO REVISE STRUCTURAL DETAILS, NOTIFY DESIGN ENGINEER BEFORE PROCEEDING WITH ANY CHANGES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL CONTRACT DRAWINGS AND LATEST ADDENDA AND SUBMITTING THESE DOCUMENTS TO
- SUBCONTRACTORS AND MATERIAL SUPPLIERS PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS, FABRICATION OF ANY STRUCTURAL MEMBER AND ERECTION IN THE FIELD. THE GENERAL CONTRACTOR SHALL PROTECT EXISTING STRUCTURES AND UTILITY
- LINES FROM ALL DAMAGE. IF ANY CONFLICTS OCCUR BETWEEN THE NOTES, SPECIFICATIONS, AND DETAILS, THE
- MOST STRINGENT REQUIREMENT SHALL GOVERN. ALL WORK SHALL BE DONE IN ACCORDANCE WITH RLARCHITECTURE, PLLC.
- REGULATIONS. ALL INSPECTIONS SHALL BE ACCORDING TO 2018 NCBC /; 2015 IBC U.N.O. OR INSPECTION PLAN PROVIDED.

BUILDING DESIGNED IN ACCORDANCE WITH THE 2018 NORTH CAROLINA BUILDING CODE (2015 INTERNATIONAL BUILDING CODE WITH NORTH CAROLINA AMENDMENTS). CONCRETE DESIGN - ACI 318-14 STEEL DESIGN - AISC 360-10

- ROOF LIVE LOAD = SEE PEMB DRAWINGS
- ROOF SNOW LOAD GROUND SNOW LOAD
- FLAT-ROOF SNOW LOAD (BALANCED) SNOW EXPOSURE FACTOR THERMAL FACTOR
 - Pf = SEE PEMB DRAWINGS Ce = SEE PEMB DRAWINGS Ct = SEE PEMB DRAWINGS SNOW LOAD IMPORTANCE FACTOR Is = SEE PEMB DRAWINGS

Pg = 15.0psf

- WIND LOADS DESIGNED IN ACCORDANCE WITH THE 2018 NORTH CAROLINA BUILDING CODE / 2015 INTERNATIONAL BUILDING CODE / ANSI/ ASCE 7-10. RISK CATEGORY = II
- BASIC WIND SPEED VULT: = 116 MPH
- WIND IMPORTANCE FACTOR: IW= SEE PEMB DRAWINGS WIND EXPOSURE: SEE PEMB DRAWINGS
- WIND BASE SHEAR: SEE PEMB DRAWINGS
- INTERNAL PRESSURE COEFFICIENT: GCPI = SEE PEMB DRAWINGS EARTHQUAKE DESIGN DATA
- OCCUPANCY CATEGORY: II
 - SPECTRAL RESPONSE COEFFICIENTS: S₅ = 0.125 S₁ = 0.063
 - S_{DS}= 0.133 S_{D1}= 0.101
- SITE CLASS: D (ASSUMED) BASIC SEISMIC-FORCE-RESISTING SYSTEM: -SEE PEMB DRAWINGS
- SEISMIC BASE SHEAR: SEE PEMB DRAWINGS ANALYSIS PROCEDURE: SEE PEMB DRAWINGS
- R, OMEGA, Cd SEE PEMB DRAWINGS SEISMIC PERFORMANCE CATEGORY: C
- SEISMIC IMPORTANCE FACTOR: IE= 1.0
- FOUNDATIONS HAVE BEEN DESIGNED FOR LOADINGS PROVIDED BY PRELIMINARY DRAWINGS FROM RLARCHITECTURE, PLLC. DATED JUNE XX, 2024.

FOUNDATION NOTES

- ALL EXISTING TOPSOIL, VEGETATION, DISTURBED SOILS AND SURFACE SOILS CONTAINING ORGANIC MATTER OR OTHER DELETERIOUS MATERIALS SHOULD BE STRIPPED FROM WITHIN THE PROPOSED BUILDING AND PAVED AREAS. AREAS THAT ARE TO PROVIDE SUPPORT FOR THE FOUNDATIONS, FLOOR SLAB, STRUCTURAL FILL AND ANY PAVEMENTS SHALL BE CAREFULLY INSPECTED FOR SOFT SURFICIAL SOILS AND PROOF ROLLED WITH A 25 TO 35 TON, FOUR WHEELED, RUBBER TIRED ROLLER OR SIMILAR APPROVED EQUIPMENT. THE PROOFROLLER SHOULD MAKE AT LEAST FOUR PASSES OVER EACH LOCATION WITH AT LEAST TWO PASSES PERPENDICULAR TO THE FIRST TWO. ANY AREAS WHICH WAVE, RUT, OR DEFLECT DEEPER THAN 1/2" AND CONTINUE TO DO SO AFTER SEVERAL PASSES OF THE PROOFROLLER SHOULD BE UNDERCUT TO FIRMER SOILS. THE UNDERCUT AREAS SHOULD BE BACK FILLED IN THIN LIFTS WITH SUITABLE COMPACTED FILL MATERIALS. THE PROOFROLLING AND UNDERCUTTING OPERATIONS SHOULD BE CAREFULLY MONITORED BY AN EXPERIENCED ENGINEERING TECHNICIAN WORKING UNDER THE DIRECT SUPERVISION
- OF THE GEOTECHNICAL ENGINEER. FOUNDATIONS AND SLABS ARE TO BE PLACED ON FIRM UNDISTURBED NATURAL SOIL OR PROPERLY COMPACTED FILL MATERIAL. FILL MATERIAL SHALL BE COMPACTED IN THIN LIFTS TO AT LEAST 95 PERCENT OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D 698), OR AS DIRECTED IN THE SOILS REPORT.
- IN ORDER TO VERIFY THAT THE SOILS ENCOUNTERED IN FOOTING EXCAVATIONS ARE SIMILAR TO THOSE ENCOUNTERED IN THE SOIL TEST BORINGS, FOOTING EXCAVATIONS ARE TO BE EXAMINED AND CHECKED WITH A DYNAMIC HAND PENETROMETER BY AN EXPERIENCED ENGINEERING TECHNICIAN WORKING UNDER THE DIRECT SUPERVISION OF THE GEOTECHNICAL ENGINEER.
- FOOTINGS SHOULD BE POURED AS SOON AS POSSIBLE AFTER EXCAVATION. THE FOUNDATION BEARING AREA SHOULD BE LEVEL AND BE FREE OF LOOSE SOIL, PONDED WATER, AND DEBRIS. FOUNDATION CONCRETE SHOULD NOT BE PLACED ON SOILS THAT HAVE BEEN DISTURBED BY SEEPAGE. IF BEARING SOILS ARE SOFTENED BY SURFACE WATER INTRUSION OR EXPOSURE, THE SOFTENED SOILS MUST BE REMOVED FROM THE FOUNDATION EXCAVATION BOTTOM IMMEDIATELY PRIOR TO PLACEMENT OF CONCRETE.

BEFORE COMMENCING EXCAVATION WHICH SHALL NOT BE LIMITED TO DEWATERING.

MAXIMUM FOUNDATION NET SOIL BEARING PRESSURE: IS 2000 PSF BASED ON TERRACON REPORT DATED APRIL 23, 2024 CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SUBSURFACE CONDITIONS

- GENERAL CONCRETE NOTES
 - CONCRETE: ALL CONCRETE DESIGN AND CONSTRUCTION SHALL CONFORM TO THE 'SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS', (ACI 301) AND 'BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE', (A.C.I.). ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE 'SPECIFICATIONS FOR
 - TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS, (ACI 117) ALL CONCRETE SHALL BE READY-MIXED MEETING THE REQUIREMENTS OF ASTM
 - C-94, "SPECIFICATION FOR READY-MIXED CONCRETE". MAXIMUM SLUMP = 5"±. CONCRETE IS TO BE NORMAL WEIGHT AND MADE WITH TYPE 1 PORTLAND CEMENT CONFORMING TO ASTM C150 SPECIFICATION, "STANDARD

SPECIFICATION FOR PORTLAND CEMENT

- CONCRETE AGGREGATE GRADATION SHALL BE IN ACCORDANCE WITH ASTM C33 SPECIFICATION. "SPECIFICATION FOR CONCRETE AGGREGATE". FINE AGGREGATE SHALL CONSIST OF NATURAL SAND OR A COMBINATION THEREOF, WITH A FINENESS MODULUS BETWEEN 2.3 AND 3.1. COURSE AGGREGATE GRADATION SHALL HAVE A MINIMUM SIZE #57 STONE MIX PER ASTM C33. FINE AGGREGATE CONTENT IS TO BE BETWEEN 35% AND 45% BY WEIGHT OR VOLUME OF THE TOTAL AGGREGATE CONTENT. FOR 6" SLABS OR GREATER, LARGER COURSE AGGREGATE MIXS UP TO #467 ARE ACCEPTABLE FOR FLOOR
- SLAB CONCRETE TO MINIMIZE SHRINKAGE CRACKING. 6. A MID RANGE WATER REDUCING ADMIXTURE IN CONFORMANCE WITH ASTM C494 TYPE 'A' IS TO BE USED TO REDUCE WATER REQUIREMENTS. DOSAGE AMOUNT IS NOT TO EXCEED 6 OZ. PER 100 POUNDS OF CEMENTITIOUS MATERIAL
- 7. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH (fc) AT 28 DAYS AND DENSITIES AS FOLLOWS:
- 145 PCF INTERIOR SLAB ON GRADE 4000 PSI, NORMAL WEIGHT, NON-AIR, NO FLY ASH
- 145 PCF EXTERIOR SLAB 4500 PSI, NORMAL WEIGHT, AE (5%), FLY ASH NO WATER SHALL BE ADDED TO THE CONCRETE AT THE JOB SITE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE CONCRETE SUPPLIER TO ENSURE A PUMPABLE AND WORKABLE MIX WITHOUT
- THE ADDITION OF WATER AT THE JOB SITE. MEMBERS NOT TO BE LOADED UNTIL CONCRETE HAS REACHED ITS REQUIRED COMPRESSIVE STRENGTH.
- CONCRETE PLACEMENT IS TO CONFORM WITH ACI 305 HOT WEATHER CONCRETING AND ACI 306.R COLD WEATHER CONCRETING. MINIMUM TEMPERATURE OF CONCRETE AT TIME OF PLACEMENT AND MAINTAINED DURING
- CURING IS 55 DEGREES FAHRENHEIT. FORMWORK SHALL BE DESIGNED AND CONSTRUCTED/INSTALLED IN
- ACCORDANCE WITH ACI 347, "GUIDE TO FORMWORK FOR CONCRETE" CONCRETE SHALL BE TESTED IN ACCORDANCE WITH SECTION 5.6 OF ACI 318-14 (EVALUATION AND ACCEPTANCE OF CONCRETE). QUALIFIED FIELD TESTING TECHNICIANS SHALL PERFORM TESTS ON FRESH CONCRETE AT THE JOB SITE, PREPARE SPECIMENS REQUIRED FOR CURING UNDER FIELD CONDITIONS, PREPARE SPECIMENS REQUIRED FOR TESTING IN THE LABORATORY, AND RECORD THE TEMPERATURE OF THE FRESH CONCRETE WHEN PREPARING SPECIMENS FOR STRENGTH TESTS. QUALIFIED LABORATORY TECHNICIANS SHALL PERFORM ALL REQUIRED LABORATORY TESTS. SAMPLES FOR STRENGTH TESTS OF EACH CLASS OF CONCRETE PLACED EACH DAY SHALL BE TAKEN NOT LESS THAN ONCE FOR EACH 150 CUBIC YARDS OF CONCRETE, NOR LESS THAN ONCE FOR EACH 5000 SQUARE FEET OF SURFACE AREA FOR SLABS OR
- ALL CONCRETE DEFECTS, INCLUDING JOINT DAMAGE, HONEYCOMBS, TIE HOLES, SPALLS, AND OTHER DEFECTS SHALL BE PROPERLY REPAIRED IMMEDIATELY IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF SECTION 5 OF ACI 301.
- REINFORCING STEEL SHALL BE HIGH STRENGTH DEFORMED BARS CONFORMING
- TO ASTM A615, GRADE 60. WELDED WIRE REINFORCEMENT SHALL CONFORM TO ASTM A185 AND SHALL BE
- LAPPED ONE FULL SQUARE AT END SPLICES AND BE WIRED TOGETHER. PLACE FABRIC 2" CLEAR FROM TOP AND BOLSTERS AT 3'-0" O.C. REINFORCING STEEL DESIGN, DETAILING, FABRICATION AND ERECTION SHALL CONFORM TO C.R.S.I. "MANUAL OF STANDARD PRACTICE", ACI. 318-14 "BUILDING
- DETAILING OF CONCRETE REINFORCING". UNLESS OTHERWISE NOTED ON THE DRAWINGS, LAP SPLICES SHALL BE A CLASS B SPLICE. SPLICED BARS SHALL NOT BE SPACED TRANSVERSELY FARTHER APART THAN

CODE REQUIREMENTS FOR REINFORCED CONCRETE", AND ACI 315, "DETAILS AND

- ONE-FIFTH THE REQUIRED LAP SPLICE LENGTH, NOR 6". REINFORCEMENT PROTECTION SHALL BE:
- CONCRETE POURED AGAINST EARTH--CONCRETE POURED IN FORMS EXPOSED TO WEATHER OR EARTH-----
- SLABS AND WALLS NOT EXPOSED TO WEATHER-----SLABS ON GRADE: CONCRETE FLOOR SLAB ON GRADE CONSTRUCTION SHALL CONFORM TO ACI
- 302.1R "GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION". FLOOR IS TO BE A SINGLE COURSE, MONOLITHIC SLAB ON GRADE. FLOOR SLABS ARE TO BE PLACED OVER COMPACTED EARTH BASE OR CRUSHED STONE BASE, AS NOTED ON THE SLAB PLAN (MINIMUM 4"). JUST PRIOR TO PLACING CONCRETE, SUBGRADE OF SUBBASE SHALL BE PROOF-ROLLED PER GENERAL FOUNDATION NOTES. THE BASE SHOULD BE FREE OF FROST BEFORE CONCRETE PLACING BEGINS AND ABLE TO SUPPORT CONSTRUCTION TRAFFIC SUCH AS LOADED TRUCK MIXERS. THE BASE SHOULD NORMALLY BE DRY AT THE TIME OF CONCRETING. HOWEVER, IF PROTECTION FROM THE SUN AND WIND CANNOT BE PROVIDED OR IF THE CONCRETE IS PLACED IN HOT, DRY CONDITIONS, THE BASE SHOULD BE LIGHTLY DAMPENED WITH WATER IN ADVANCE OF CONCRETING. THERE SHOULD BE NO FREE WATER
- WHEN THE CONCRETE IS PLACED. CRUSHED STONE BASE IS TO BE TYPE 1, GRADATION C, IN CONFORMANCE WITH ASTM D 1241-68 STANDARD SPECIFICATION FOR MATERIALS FOR SOIL-AGGREGATE SUBBASE, BASE AND SURFACE COURSES.

STANDING ON THE BASE, NOR SHOULD THERE BE ANY MUDDY OR SOFT SPOTS,

- 4. IN ORDER TO MINIMIZE PLASTIC SHRINKAGE CRACKS IN THE FLOOR SLAB, CONCRETE IS NOT TO BE PLACED WHEN THE EVAPORATION RATE OF WATER IS GREATER THAN 0.2 POUNDS PER SQUARE FOOT SURFACE AREA PER HOUR UNLESS MEASURES ARE TAKEN TO COMPENSATE FOR THE HIGH RATE OF EVAPORATION AS DESCRIBED IN ACI 305.1-06. EVAPORATION RATES GREATER THAN 0.2 LB/SF/HR TYPICALLY OCCUR WHEN THE AIR TEMPERATURE IS GREATER THAN 90° F, RELATIVE HUMIDITY IS 80% OR LESS, AND WIND VELOCITY IS 10 MPH OR GREATER.
- THE FOLLOWING INFORMATION IS TO BE RECORDED BY THE GENERAL CONTRACTOR DURING PLACEMENT OF THE SLAB CONCRETE AND SENT TO THE ENGINEER OF RECORD: AIR TEMPERATURE
- CONCRETE TEMPERATURE IN ACCORDANCE WITH ASTM C1064.
- GENERAL WEATHER CONDITIONS
- RELATIVE HUMIDITY
- EVAPORATIVE RATE OF WATER CONCRETE SLUMP
- INTERIOR CONCRETE IS TO HAVE A HARD STEEL TROWELLED FINISH (SMOOTH) AND SHALL BE FINISHED WITH A COMPOSITE FLATNESS (FF) AND A COMPOSITE LEVELNESS (FL) IN ACCORDANCE WITH ASTM E 1155, "STANDARD TEST METHOD FOR DETERMINING FLOOR FLATNESS AND LEVELNESS USING THE F-NUMBER SYSTEM" AS SHOWN BELOW. EXTERIOR CONCRETE IS TO HAVE A STEEL TROWELLED FINISHED FOLLOWED BY A LIGHT BROOM NONSKID FINISH. a. FLOOR TYPE: WAREHOUSE
 - FF 25 2. FL - 20
- FLOOR SLAB IS TO HAVE APPROPRIATELY SPACED CONSTRUCTION AND CONTROL JOINTS. INTERIOR SLAB JOINTS ARE TO BE SAW CUT 1/8" WIDE 1/4 SLAB THICKNESS. MAXIMUM JOINT SPACING, UNLESS NOTED OTHERWISE ON PLAN. JOINT CUTS TO BE COMPLETED WITHIN 24 HOURS OF CONCRETE PLACEMENT.
- a. 4" SLAB = 15'-0" MAX. SPACING, 5" SLAB = 18'-0" MAX. SPACING, 6" SLAB =
- ISOLATION JOINTS SHALL BE AS SHOWN ON DRAWING AND FILLED WITH
- POLYURETHANE JOINT FILLER FOR HOUSEKEEPING PURPOSES. FLOOR SLAB AREAS ARE TO RECEIVE (2) COATS OF 30% SOLIDS ACRYLIC CURE AND SEAL. (NOX-CRETE CURE AND SEAL 300E AS MFG. BY NOX-CRETE, INC.) OR EQUAL, CONFORMING TO ASTM C309. APPLICATION IS TO CONFORM TO MANUFACTURER'S SPECIFICATIONS. FIRST COAT IS FOR CURING, SECOND COAT IS FOR SEALING AND DUST PROOFING AFTER BUILDING CONSTRUCTION
- FLOOR SLAB MAY RECEIVE DENSIFIER APPLICATION (NOX-CRETE DURONOX OR ASHFORD FORMULA) IN PLACE OF ACRYLIC FLOOR SEALER. DENSIFIERS DO NOT CONFORM WITH ASTM-C309 AND MAY REQUIRE A CURING COMPOUND PRIOR TO APPLICATION OF DENSIFIER. IF CURING COMPOUND IS APPLIED, FLOOR SLAB IS TO BE CLEANED WITH NOX-CRETE BIO-CLEAN. CURING COMPOUND REQUIREMENT IS TO BE BASED ON CLIMATE CONDITIONS DURING TIME OF CONCRETE PLACEMENT. CONTRACTOR TO CONTACT MANUFACTURER FOR
- RECOMMENDATIONS. 11. ALL FLOOR SEALERS, FINISHES, ETC., SHALL BE COORDINATED WITH ARCHITECTURAL FINISHES AND REQUIREMENTS OF PREPARED SLAB FOR CHEMICAL COMPATIBILITY.

SCHEDULE OF SPECIAL INSPECTIONS

NO SPECIAL INSPECTIONS REQUIRED FOR THIS PROJECT SPECIAL INSPECTIONS REQUIRED

THE FOLLOWING SHEETS COMPRISE THE REQUIRED SCHEDULE OF SPECIAL INSPECTIONS FOR THIS PROJECT. THE CONSTRUCTION DIVISIONS THAT REQUIRE SPECIAL INSPECTIONS FOR THIS PROJECT ARE AS FOLLOWS:

- IT-1 SPECIAL CASES
- IT-2 STEEL CONSTRUCTION
- IT-3 CONCRETE CONSTRUCTION
- IT-4 MASONRY IT-5 WOOD
- IT-6 SOILS
- IT-7 DRIVEN DEEP FOUNDATIONS IT-8 CAST-IN-PLACE DEEP FOUNDATIONS
- IT-9 HELICAL PILES
- IT-10 FABRICATED ITEMS IT-11 WIND RESISTANCE
- IT-12 SEISMIC RESISTANCE IT-13 TESTING FOR SEISMIC RESISTANCE
- IT-14 SPRAYED FIRE-RESISTANT MATERIALS IT-15 MASTIC/INTUMESCENT FIRE-RESISTANT COATING
- IT-16 EXTERIOR INSULATION & FINISH SYSTEM IT-17 FIRE-RESISTANT PENETRATIONS AND JOINTS
- IT-18 SMOKE CONTROL

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