

FOUNDATION AND SITE WORK NOTES

A - GENERAL

1. ALL MATERIAL, FABRICATION, INSTALLATION, AND INSPECTION REQUIREMENTS RELATING TO FOUNDATIONS SHALL CONFORM TO THE NEW YORK CITY BUILDING CODE OF 1968, LOCAL LAW NO. 76, INCLUDING ALL AMENDMENTS. THE FOUNDATION DESIGN IS IN ACCORDANCE WITH AT LEAST THE MINIMUM REQUIREMENTS OF CHAPTER 1, SUBCHAPTER 11 OF TITLE 27. SEISMIC DESIGN IS IN ACCORDANCE WITH NYC LOCAL LAW 17/95.
2. ALL ELEVATIONS SHOWN ARE BASED ON THE CITY DATUM, WHICH IS THE MEAN SEA LEVEL DATUM OF 1929 AS ESTABLISHED BY THE U.S. COAST & GEODETIC SURVEY (NGVD).
3. SLAB PLACED IN AREAS OF CONTROLLED FILL ARE DESIGNED FOR A MINIMUM BEARING CAPACITY OF 1 TONS PER SQ. FT.
4. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ADJACENT BUILDINGS AND PROPERTIES FROM EXCAVATION AND FILLING OPERATIONS AS PER BC 3309.4. THE DETAILS OF BRACING AND/OR UNDERPINNING REQUIRED FOR THE SUPPORT OF ADJACENT BUILDINGS OR PROPERTIES SHALL BE PREPARED BY A PROFESSIONAL ENGINEER HIRED BY THE CONTRACTOR. DESIGN AND INSTALLATION SHALL COMPLY WITH SECTION BC 1814 OF THE 2008 NYC BUILDING CODE. SEE SPECIFICATIONS.
5. FOR EXCAVATIONS, BACKFILL, ETC., SEE SPECIFICATIONS. ALL FILL AND BACKFILL SHALL BE CONTROLLED FILL.
6. DO NOT PLACE BACKFILL AGAINST FOUNDATION WALLS UNLESS THEY ARE ADEQUATELY BRACED OR UNTIL THE SECOND FLOOR, FIRST FLOOR AND CELLAR FLOOR SLABS HAVE BEEN POURED.
7. BACKFILLING AT RETAINING WALLS SHALL BE DONE IN SUCH A MANNER THAT THE DIFFERENCE IN GRADES ON EITHER SIDE OF THE WALL SHALL NOT EXCEED 2' AT ANY STAGE OF BACKFILLING UNTIL THE CONTRACT GRADES ARE REACHED.
8. TEN DAYS PRIOR TO EXCAVATION, NOTICE SHALL BE GIVEN TO ADJOINING LOT OWNER AFFECTED BY FOUNDATION, EARTHWORK OR DEMOLITION WORK (BASED ON SECTION BC 3304.3.2). COMPLY WITH SECTION BC 3309 FOR REQUIREMENTS ON PROTECTION OF ADJOINING PROPERTY.
9. PRIOR TO COMMENCEMENT OF WORK, CONTRACTOR SHALL CALL "CODE 53" (CALL-BEFORE-YOU-DIG, IN NYC, TEL# 212-480-4883 FOR NYC ONE CALL CENTER) FOR LOCATION OF UTILITIES (NYS INDUSTRIAL CODE RULE 53-12 NYC RR 53).
10. THE CONTRACTOR SHALL CONFORM TO SAFETY REQUIREMENTS DURING EXCAVATION COMPLYING WITH SECTION BC 3304 OF THE NYC 2008 BUILDING CODE.
11. HEAVY EQUIPMENT SHALL NOT BE PERMITTED CLOSER THAN 10'-0" TO ANY FOUNDATION WALL.
12. FOR TYPE OF FLOOR FINISH, SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. DEPRESS FLOOR SLABS AS REQUIRED. SEE DETAILS.
13. VERIFY DIMENSIONS AND LOCATIONS OF ALL SLOTS, PIPE SLEEVES, CORING ETC. REQUIRED FOR WORK OF OTHER DIVISIONS. SLEEVE, CORING AND PIPING/CONDUIT PENETRATION LOCATIONS SHALL BE APPROVED BY THE ENGINEER OF RECORD TO ENSURE STRUCTURE IS NOT COMPROMISED. PROVIDE WATERTIGHT SLEEVES AT ALL PIPE PENETRATIONS THROUGH FOUNDATION WALLS AND SLABS.

STRUCTURAL NOTES

A - GENERAL

1. DESIGN IS IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW YORK CITY BUILDING CODE OF 1968, LOCAL LAW NO. 76, INCLUDING ALL AMENDMENTS. SEISMIC DESIGN IS IN ACCORDANCE WITH THE NYC LOCAL LAW 17/1995.
2. VERIFY ALL FIELD DIMENSIONS BY MEASUREMENT AT THE JOB SITE BEFORE SUBMITTING SHOP DRAWINGS.
3. DO NOT PLACE CONCRETE WITHOUT APPROVED STRUCTURAL SHOP DRAWINGS AND MECHANICAL/ARCHITECTURAL SHOP DRAWINGS RELATED TO THE CONCRETE WORK. RELATED ITEMS INCLUDE LOCATIONS OF OPENINGS; PIPE SLEEVES; REGLETS; DOVETAIL SLOTS; DRIPS; INSERTS FOR MECHANICAL EQUIPMENT AND/OR HUNG CEILINGS AND ANY OTHER ITEMS REQUIRED TO BE INSTALLED AND/OR COORDINATED BY THE ARCHITECTURAL AND MECHANICAL TRADES.
4. FOR LOCATION OF CURBS, CONCRETE PADS, FLOOR DEPRESSIONS, ROOF AND FLOOR DRAINS, SEE ARCHITECTURAL AND MEP DRAWINGS.
5. VERIFY FRAMING OR SUPPORT FOR MEP EQUIPMENT AND ANY OPENINGS WITH MEP TRADES PRIOR TO SUBMISSIONS OF SHOP DRAWING.
6. FOR SIZE AND LOCATION OF ALL WINDOWS, LOUVERS, AND ANY OTHER MASONRY OPENINGS, SEE ARCHITECTURAL DRAWINGS.

B - STRUCTURAL STEEL

1. THE DESIGN OF STRUCTURAL STEEL IS IN ACCORDANCE WITH THE REQUIREMENTS OF AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN" EFFECTIVE JUNE 1, 1989, AS MODIFIED BY THE NEW YORK CITY BUILDING CODE (RS 10-5A).
2. THE DESIGN AND CONSTRUCTION OF STEEL FRAMING IN LATERAL-FORCE RESISTING SYSTEM SHALL CONFORM TO THE REQUIREMENTS OF AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN" EFFECTIVE JUNE 1, 1989, AS MODIFIED BY THE NEW YORK CITY BUILDING CODE (RS 10-5A).
3. FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF THE ABOVE AISC SPECIFICATION.
4. MATERIAL FOR STRUCTURAL STEEL SHAPES SHALL CONFORM TO ASTM A992 HAVING A MINIMUM YIELD OF 50,000 PSI, AND TUBE STEEL TO ASTM A500 (GRADE B), UNLESS OTHERWISE NOTED ON DRAWINGS OR SPECIFICATIONS.
5. MATERIAL ACCEPTANCE OF STRUCTURAL STEEL SHALL CONFORM TO THE CERTIFICATION AND INSPECTION REQUIREMENTS OF CHAPTER 1, SUBCHAPTER 1, ARTICLE 7 AND TABLES 10-1 AND 10-2 OF THE 1968 BUILDING CODE.
6. SUBMIT CHECKED SHOP DRAWINGS PREPARED BY A LICENSED PROFESSIONAL ENGINEER FOR APPROVAL PRIOR TO SUBMITTAL OF DETAILED SHOP DRAWINGS, PROVIDE A SET OF JOB STANDARDS SHOWING ALL NECESSARY JOINT DETAILS. AFTER APPROVAL OF THESE STANDARDS, SUBMIT ERECTION PLANS INDICATING LOCATION OF JOINT AND MEMBER MARKINGS.
7. FOR FRAMED BEAM/CHANNEL CONNECTIONS, INCLUDING SINGLE PLATE CONNECTIONS, PROVIDE THE MINIMUM OF 2 BOLTS PER CONNECTION.
8. DETAILS OF CONNECTIONS SHALL CONFORM TO AISC STANDARDS AND THE MANUAL OF STEEL CONSTRUCTION, NINTH EDITION.
- a) TYPICALLY, ALL BEAM TO COLUMN CONNECTIONS SHALL BE FRAMED BEAM CONNECTIONS. IN ADDITION, THE MOMENT CONNECTION REQUIREMENTS STIPULATED IN (9) ABOVE SHALL APPLY.
- b) TYPICALLY, BEAM TO BEAM CONNECTIONS SHALL BE FRAMED BEAM CONNECTIONS.
- c) IF A ONE-SIDED CONNECTION IS USED FOR BEAMS 18" DEEP AND UNDER, THE CONNECTION SHALL BE DESIGNED IN ACCORDANCE WITH THE AISC MANUAL (NINTH EDITION PAGES 4-83 THRU 4-87) AND SHALL HAVE A MINIMUM OF TWO LINES OF BOLTS IN EACH LEG OF THE ONE-SIDED CONNECTION ANGLE.
- d) WHEN THE TABULATED AISC FRAMED CONNECTION TABLES CANNOT BE USED OR WHERE THEY ARE UNABLE TO CARRY THE REQUIRED REACTIONS, SPECIAL CONNECTIONS OF ADEQUATE STRENGTH SHALL BE PROVIDED.
- e) SHOP CONNECTIONS SHALL BE HIGH-STRENGTH BOLTED, SLIP CRITICAL, OR WELDED.
- f) FIELD CONNECTIONS SHALL BE HIGH-STRENGTH BOLTED, SLIP CRITICAL, EXCEPT WHERE WELDED CONNECTIONS ARE SHOWN ON DRAWINGS.

9. BOLTED CONNECTIONS

- a) ALL BOLTS SHALL BE HIGH-STRENGTH CONFORMING TO ASTM A325, UNLESS OTHERWISE NOTED.
- b) ALL BOLTS SHALL BE 3/4" MINIMUM DIAMETER WITH HARDENED WASHERS UNDER THE TURNING ELEMENT (INCLUDING TURN OF THE NUT METHOD), UNLESS OTHERWISE NOTED.
- c) HIGH-STRENGTH BOLTED CONNECTIONS SHALL BE INSTALLED AND CONFORM TO "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS," APPROVED NOV. 13, 1985 AND ADOPTED BY THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS OF THE ENGINEERING FOUNDATION.
- d) ALL CONTACT SURFACES, INCLUDING SURFACES ADJACENT TO THE BOLT HEAD AND NUT, SHALL BE FREE OF SCALE, OIL, PAINT, LACQUER, AND OTHER FOREIGN MATERIAL. BURRS THAT WOULD PREVENT SOLID SEATING OF THE CONNECTED PARTS IN THE SNUG TIGHT CONDITION SHALL BE REMOVED. CONTACT SURFACES THAT ARE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A123 AND ROUGHENED BY MEANS OF HAND WIRE BRUSHING (POWER BRUSHING IS PROHIBITED) WILL BE PERMITTED.

10. WELDED CONNECTIONS

- a) WELDING OPERATIONS AND DESIGN SHALL BE IN ACCORDANCE WITH THE 1968 NEW YORK CITY BUILDING CODE, INCLUDING:
- 1) RULES OF THE BOARD OF STANDARDS AND APPEALS RULES FOR WELDING.
- 2) AISC SPECIFICATION (RS 10-5A)
- 3) STRUCTURAL WELDING CODE, AWS D.1, AS MODIFIED BY AISC SPECIFICATION SECTION J2.
- b) WELDING SHALL BE PERFORMED BY LICENSED WELDERS. REFER TO SECTION BC 2204.1 OF THE 2008 BUILDING CODE.
- c) AWS CLASS E70XX SERIES ELECTRODES SHALL BE USED FOR WELDING NEW STRUCTURAL STEEL. E7018 LOW HYDROGEN SHALL BE USED FOR EXISTING STEEL.
- d) ALL CONTACT SURFACES AND AREAS WITHIN TWO INCHES OF WELD DURING WELDING SHALL BE FREE OF SCALE, OIL, PAINT LACQUER, GALVANIZING, AND ANY OTHER FOREIGN MATERIAL.
- e) BUTT WELDS SHALL BE 100% PENETRATION WELDS AND FILLET WELDS A MINIMUM OF 1/4" UNLESS OTHERWISE NOTED.
11. ALL CONNECTIONS, BOTH FIELD AND SHOP, ARE SUBJECT TO SPECIAL INSPECTION.
- a) THE AUTHORITY WILL ASSIGN A SPECIAL INSPECTOR APPROVED BY THE ENGINEER OF RECORD, TO SUPERVISE AND INSPECT THE TENSIONING OF THE HIGH-STRENGTH BOLTS IN CONFORMANCE WITH SECTION 1704.3.3 OF 2008 NYC BUILDING CODE. COPIES OF TEST REPORTS WILL BE FILED WITH THE BUILDING DEPARTMENT.
- b) THE AUTHORITY WILL ASSIGN A SPECIAL INSPECTOR APPROVED BY THE ENGINEER OF RECORD, TO SUPERVISE AND INSPECT THE WELDING OPERATIONS IN CONFORMANCE WITH SECTION BC 1704.3.1 OF 2008 NYC BUILDING CODE. COPIES OF TEST REPORTS WILL BE FILED WITH THE BUILDING DEPARTMENT.
12. COORDINATE THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND COORDINATING DIMENSIONS, CLEARANCE, ETC. WITH WORK OF ALL TRADES AND SUBMITTING STAIR SHOP DRAWINGS FOR APPROVAL.
13. BEAMS SUPPORTING STAIR STRUTS AND STAIR HANGERS SHALL HAVE STIFFENERS MILLED TO BEAR UNDER OR OVER FLANGES OF BEAM. COORDINATE THE INTERFACING OF STRUCTURAL STEEL FRAMING AND STAIR FRAMING SYSTEM WITH RESPECTIVE SUB-CONTRACTORS.
14. PAINTING PROVIDE ONE SHOP COAT AND ONE FIELD COAT OF PRIMER PAINT ON STRUCTURAL STEEL THAT IS: NOT ENCASED IN CONCRETE; NOT RECEIVING SPRAYED FIREPROOFING; OR NOT MEETING OTHER CONDITIONS LISTED IN THE SPECIFICATIONS.
15. GALVANIZING GALVANIZE MEMBERS SUPPORTING EXTERIOR MASONRY, EXTERIOR DUNNAGE STEEL TO SUPPORT MECHANICAL EQUIPMENT, AND ANY OTHER STRUCTURAL STEEL INDICATED ON THE DRAWINGS TO BE GALVANIZED. GALVANIZED MEMBERS TO BE PAINTED SHALL BE GALVANIZED BY THE ZINC METALIZING PROCESS.
16. PROVIDE ALL TEMPORARY BRACING OF THE STEEL FRAME REQUIRED TO MAINTAIN PLUMBNESS AND STABILITY DURING CONSTRUCTION.

C - CONCRETE - DESIGN

1. DESIGN OF REINFORCED CONCRETE MEMBERS IS IN ACCORDANCE WITH THE PROVISIONS OF THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-88), AS MODIFIED BY THE NYC BUILDING CODE, USING LOAD FACTORS AND STRENGTH REDUCTION FACTORS.
2. ALL CONCRETE SHALL BE AIR ENTRAINED NORMAL WEIGHT CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS AND A MAXIMUM WATER TO CEMENT RATIO OF 0.40, U.O.N.
3. ALL CONCRETE WORK - MIXES, INSPECTIONS, AND FORMWORK - SHALL CONFORM TO THE REQUIREMENTS OF THE 2008 NYC BUILDING CODE, SECTION BC 1901.
4. PROPORTION, BATCH, AND MIX CONCRETE IN ACCORDANCE WITH SECTION BC 1905 OF THE 2008 NYC BUILDING CODE. PROPORTION CONCRETE MIX IN ACCORDANCE WITH SECTION BC 1905.2. MIXES SHALL HAVE INCLUDED ALL ADMIXTURES THAT WILL BE USED DURING THIS CONSTRUCTION.
5. SUBMIT THE PROPOSED MIX DESIGNS WITH PRELIMINARY TEST RESULTS TO THE ENGINEER OF RECORD AND THE SPECIAL INSPECTOR. AFTER ACCEPTANCE, THE CONTRACTOR'S LICENSED CONCRETE TESTING LABORATORY SHALL FILE FORM TR3 WITH THE BUILDING DEPARTMENT PRIOR TO PERMIT. CONCRETE SHALL NOT BE POURED UNTIL THE MIX HAS BEEN APPROVED.
6. ALL CONCRETE USED IN THE STRUCTURE SHALL CONFORM IN ALL RESPECTS TO THE MATERIAL AND PROPORTIONS OF THESE MATERIALS USED IN THE APPROVED DESIGN MIX. THE USE OF ANY ADDITIVES NOT PRESENT IN THE APPROVED DESIGN MIX IS PROHIBITED.
7. THE METHOD FOR CONVEYING CONCRETE TO THE PLACE OF DEPOSIT SHALL COMPLY WITH SECTION BC 1905.9.
8. CONSTRUCTION JOINTS OF CONCRETE COMPONENTS SHALL COMPLY WITH THE PROVISIONS OF SECTION BC 1906.8.
9. ROUGHENED SURFACE AT INTERFACE OF SEPARATE CONCRETE POURS (JOINTS) SHALL BE PREPARED AS FOLLOWS:
- a) ROUGHEN SURFACE TO A FULL AMPLITUDE OF APPROXIMATELY 1/4" WITH STIFF BROOM AFTER INITIAL SET
- b) BEFORE PLACING FRESH CONCRETE, CLEAN SURFACE AND REMOVE LATANCE WITH WIRE BRUSH
- c) IMMEDIATELY BEFORE NEW CONCRETE IS PLACED, WET SURFACE AND REMOVE STANDING WATER
10. FOR REINFORCEMENT OF MECHANICAL CONCRETE PADS, SEE DETAILS. FOR SIZE AND LOCATION, SEE ARCHITECTURAL/ P&I/ H&M/ ELECTRICAL DRAWINGS.

D - CONCRETE REINFORCEMENT

1. ALL REINFORCING BARS SHALL BE DEFORMED BILLET STEEL BARS AND SHALL CONFORM TO ASTM A615 GRADE 60. REINFORCEMENT TO BE WELDED SHALL CONFORM TO ASTM A706, GRADE 60. WELDED WIRE FABRIC (WIRE MESH) SHALL CONFORM TO ASTM A185. PROVIDE EPOXY-COATED REINFORCEMENT IN ACCORDANCE WITH ASTM A775 FOR STEEL BARS AND ASTM A933 FOR WIRE MESH FOR CONCRETE EXPOSED TO THE ELEMENTS.
2. THE CONTRACTOR SHALL SUBMIT CHECKED SHOP DRAWINGS CONSISTING OF COMPLETE PLANS AND DETAILS OF REINFORCEMENT, LOCATIONS OF POUR LINES, CONSTRUCTION JOINTS, ETC. FOR APPROVAL BEFORE PROCEEDING WITH THE WORK.
3. ALL DETAILING, FABRICATION AND ERECTION OF REINFORCING BARS SHALL COMPLY WITH THE REQUIREMENTS OF ACI 315 AND ACI 318-89, CHAPTERS 7 and 12.
4. ALL SPLICES SHALL BE IN ACCORDANCE WITH ACI 318-89, CHAPTER 12. THE LOCATIONS SHALL BE INDICATED ON THE SHOP DRAWINGS AND APPROVED BY THE ENGINEER OF RECORD. GENERALLY, ALL SPLICES SHALL BE STAGGERED AND LOCATED AWAY FROM THE SECTION OF MAXIMUM TENSILE STRESS.
5. ALL REINFORCEMENT SHALL BE ACCURATELY PLACED AND SECURELY WIRED TO PREVENT DISLOCATION FROM PROPER POSITION.
6. PROVIDE CHAIRS FOR SUPPORT OF ALL REINFORCEMENT. LIFTING OF BARS OR MESH DURING PLACEMENT OF CONCRETE IS NOT PERMITTED.
7. WHERE NOT OTHERWISE INDICATED, PROVIDE A MINIMUM OF 2-#5 BARS TOP AND BOTTOM AT ALL SIDES OF UNFRAMED OPENINGS.
8. CONCRETE PROTECTION FOR BARS IN SLAB SHALL BE 3/4" CLEAR UNLESS OTHERWISE NOTED.

E - CONCRETE - TESTING AND INSPECTION

1. THE CRITERIA FOR EVALUATION AND ACCEPTANCE OF CONCRETE AND THE FREQUENCY OF CONDUCTING STRENGTH TESTS OF CONCRETE SHALL BE IN ACCORDANCE WITH PARAGRAPHS BC 1905.6.2 THROUGH 1905.6.5. OF THE 2008 NYC BUILDING CODE.
- a) STRENGTH TESTS SHALL BE PERFORMED FOR EACH 50 CUBIC YARDS OR FRACTION THEREOF FOR EACH TYPE AND STRENGTH OF CONCRETE PLACED IN ANY ONE DAY'S CONCRETING.
- 1) SEVEN (7) TEST CYLINDERS WILL BE MOLDED FOR EACH 50 CUBIC YARDS OR FRACTION THEREOF FOR EACH TYPE AND STRENGTH OF CONCRETE PLACED IN ANY ONE DAY'S CONCRETING.
- 2) ONE (1) CYLINDER WILL BE TESTED AT 7 DAYS AND THREE(3) CYLINDERS TESTED AT 28 DAYS. IF STRENGTH IS NOT MET, REMAINING THREE CYLINDERS ARE TO BE USED FOR TESTING AT A LATER DATE.
- b) IN ADDITION, CONCRETE TEST CYLINDERS WILL BE MADE FROM CONCRETE TAKEN OUT OF THE BUCKET, HOPPER OR FORMS AS DIRECTED BY SPECIAL INSPECTOR WHEN CONCRETE IS PLACED FROM AN INTERMEDIATE CONVEYANCE. THESE TEST CYLINDERS SHALL BE SEPARATE AND DISTINCT FROM THOSE MADE FROM THE MIXER AND SHALL BE MADE FROM THE SAME BATCH, CURED AND TESTED IN THE SAME MANNER AS DESCRIBED FOR THE SAMPLES TAKEN FROM THE MIXER. HOWEVER, STRENGTH TESTS MAY BE REDUCED TO BEING PERFORMED FOR EVERY 150 CUBIC YARDS OR FRACTION THEREOF FOR EACH STRENGTH OF CONCRETE PLACED IN ANY ONE DAY'S CONCRETING.
- c) WHEN CONCRETE IS PLACED DIRECTLY FROM THE MIXER INTO THE FORMS, WITHOUT ANY INTERMEDIATE CONVEYANCE, THE ABOVE ADDITIONAL CYLINDERS WILL NOT BE REQUIRED.
2. IN CONFORMANCE WITH SECTION BC 1704, THE AUTHORITY WILL ASSIGN AN APPROVED INSPECTION AGENCY/SPECIAL INSPECTOR TO SUPERVISE THE TESTING OF THE MATERIALS AND THE INSPECTION OF CONCRETE CONSTRUCTION AND TO CHECK THAT ALL REQUIRED TESTS ARE MADE AND LABORATORY TESTS ARE SUBMITTED. THE INSPECTOR SHALL HAVE THE RIGHT TO ORDER THE CONTRACTOR TO MAKE SUCH CHANGES OF THE MIX OF CONCRETE AS REQUIRED TO PRODUCE CONCRETE OF THE NECESSARY STRENGTH AND TO REPORT TO THE BUILDING DEPARTMENT SUPERINTENDENT ANY DEVIATION FROM THE REQUIREMENTS OF THE CODE AS INDICATED BY RECORDS OF INSPECTION AND REPORTS OF TEST.
3. THE APPROVED INSPECTION AGENCY, AS PER REQUIREMENTS OF SECTION BC 1704, WILL CONDUCT ALL NECESSARY TESTS AT THE LABORATORY AND WILL HAVE ONE QUALIFIED CONCRETE TECHNICIAN TO BE STATIONED AT THE MIXING PLANT, AT THE AUTHORITY'S DISCRETION, AND HAVE A MINIMUM OF ONE QUALIFIED CONCRETE TECHNICIAN AT THE JOB SITE. THE CONCRETE TECHNICIAN AT THE JOB SITE WILL PERFORM THE TESTS AND PREPARE THE SPECIMENS, AS REQUIRED UNDER THE CODE.

ABBREVIATIONS	
ADD.	ADDITIONAL
B.C.	BRICK COURSES
BOTT.	BOTTOM
C.L.	CLEAR
CMU	CONCRETE MASONRY UNIT
CONT.	CONTINUOUS
DET.	DETAIL
DN.	DOWN
DWG	DRAWING
E.J., EXP. JT.	EXPANSION JOINT
ELEV., EL.	ELEVATION
EXIST.	EXISTING
E.F.	EACH FACE
E.W.	EACH WAY
FIN.	FINISHED
GA.	GAGE
H.P.	HIGH POINT
HORIZ.	HORIZONTAL
LF.	LINEAR FEET
MAX.	MAXIMUM
MIN.	MINIMUM
N.T.S.	NOT TO SCALE
PL	PLATE
O.C.	ON CENTER
OZ.	OUNCES
SIM.	SIMILAR
SL	SLAB
S.S.	STAINLESS STEEL
T.O.S.	TOP OF SLAB
T & B	TOP AND BOTTOM
T.W.	TOP OF WALL
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
VERT.	VERTICAL
V.I.F.	VERIFY IN FIELD
W.S.	WATERSTOP
YD	YARD

SYMBOLS / LEGEND	
	SECTION/DETAIL NUMBER DRAWING NUMBER
	NEW CONCRETE
	NEW CONCRETE CURB
	EXISTING STRUCTURE TO BE REMOVED
	NEW MASONRY WALL

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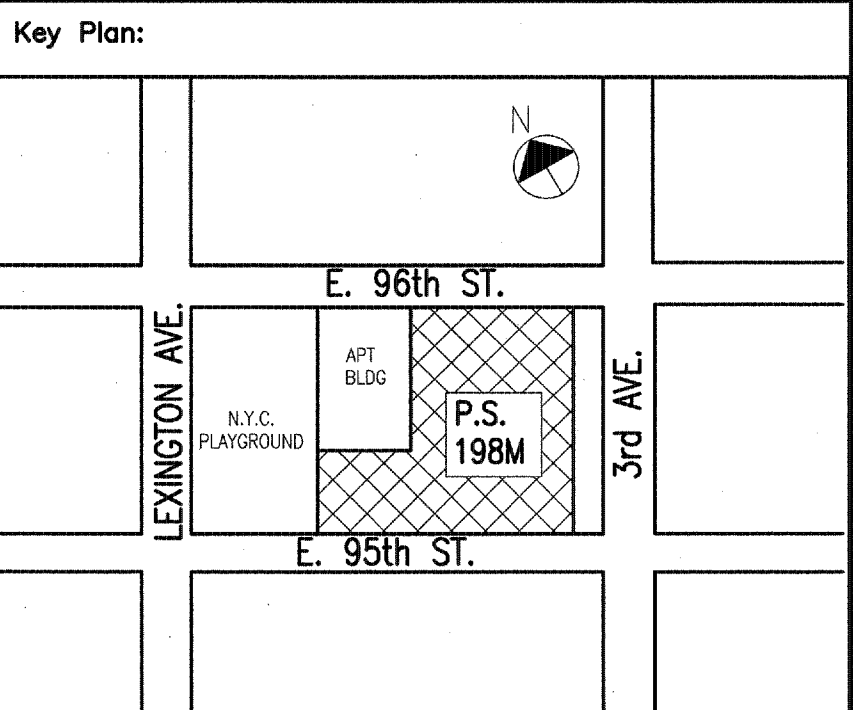
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NOTE: Drawing may be printed at reduced scale

IT IS A VIOLATION OF THE STATE EDUCATION LAW SECTION 7209 (2) FOR ANY PERSON TO ALTER AN ITEM IN ANY WAY UNLESS SUCH PERSON IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, AND THE ENGINEER STAMPS SUCH CHANGES

No.	Date	Revision
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Block #1524 Lot #23

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Drawing Title:
FOUNDATION AND SITE WORK
NOTES, STRUCTURAL NOTES,
ABBREVIATIONS & SYMBOLS/LEGEND

Drawing No.: S001.00
Sheets in Contract Set: 8 of 59
Sheets in DOB Set: 8 of 40