

ABBREVIATIONS

Table with 4 columns of abbreviations and their corresponding full names. Includes entries like ANCHOR BOLT (AB), AMERICAN CONCRETE INSTITUTE (ACI), and various structural and material terms.

SYMBOLS

Diagrammatic symbols for L (ANGLE), C (CHANNEL), PL (PLATE), center lines, diameters, and work points. Includes a 'DETAIL' section with 'NUMBER FOR DETAILS' and 'SHEET ON WHICH DETAIL OCCURS', and a 'SECTION' section with 'LETTER' and 'SHEET ON WHICH SECTION OCCURS'. Also shows 'REF' (REFERENCE) symbols, 'ROOM NUMBER' (101), 'REVISED AREA CLOUDED', and 'COLUMN LINES' (A, 2).

MATERIALS LEGEND

Legend for materials and construction details. Includes symbols for STEEL (LARGE SCALE SECTION), CONCRETE, CONCRETE MASONRY UNIT, FLOOR OPENING, GRATING, SPAN DIRECTION, WELDED WIRE FABRIC, EARTH, and STRUCTURAL BACKFILL.

NOTES

INSPECTIONS AND APPROVALS

GENERAL

- 1. PROFESSIONAL SOILS ENGINEER REGISTERED IN THE STATE OF WASHINGTON SHALL INSPECT AND APPROVE ALL FOOTING EXCAVATIONS PRIOR TO PLACING CONCRETE ACCORDING TO SECTION 2200 OF THE SPECIFICATION.
2. CONTINUOUS INSPECTION BY AN INSPECTOR, APPROVED BY THE DEPARTMENT OF BUILDING AND SAFETY SHALL BE PROVIDED FOR THE FOLLOWING FIELD WORK:
A) PLACEMENT OF COMPACTED FILL.
B) PLACEMENT OF CONCRETE AND REINFORCING STEEL AND ANCHOR BOLTS.
C) EXPANSION TYPE CONCRETE ANCHORS.
D) FIELD WELDING.
E) INSTALLATION OF HIGH STRENGTH BOLTS.
3. THE CONSTRUCTION SHALL COMPLY WITH REQUIREMENTS OF THE BUILDING CODE.
4. ALL STRUCTURAL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE JOB SPECIFICATIONS AND STANDARDS.
5. FOR TYPICAL DETAILS SEE DRAWINGS BT-S-602 THROUGH BT-S-603.
6. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING AND SHORING AS REQUIRED TO MAINTAIN THE ALIGNMENT OF BUILDING AND RETAINING WALLS UNTIL ALL CONNECTIONS ARE COMPLETED AND SLAB AND WALLS CONSTRUCTED.
7. PRIOR TO PLACING FOUNDATIONS & SLABS, REFER TO UNDERDRAIN SYSTEM DRAWINGS, ARCHITECTURAL DRAWINGS FOR SLOPES AND ELECTRICAL DRAWINGS FOR GROUNDING.
8. FOR BUILDING COLUMN LOCATION COORDINATES SEE CIVIL DRAWINGS.

FOUNDATIONS

- 1. FOUNDATION AND SOIL REQUIREMENTS ARE BASED ON SOIL REPORT BY DAMES AND MOORE; REPORT NO. 177-004-0016 DATED: FEBRUARY 10, 1993.

CONCRETE

- 1. ALL CONCRETE MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF DIVISION 3 (CONCRETE) OF THE SPECIFICATIONS. (REGULAR WEIGHT AND LIGHT WEIGHT)
2. STRUCTURAL CONCRETE SHALL HAVE AN ULTIMATE COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS UNLESS OTHERWISE NOTED. ALL CONCRETE SHALL BE REGULAR WEIGHT CONCRETE UNLESS OTHERWISE NOTED.
3. ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615 GRADE 60 (UNLESS OTHERWISE NOTED). SPLICES AND HOOKS SHALL CONFORM TO ACI 318-89. SPLICES SHALL BE CLASS B UNLESS OTHERWISE NOTED. MINIMUM LAP SHALL BE 30 DIAMETERS. STIRRUP AND TIE HOOKS SHALL HAVE 135-DEGREE BENDS.
4. LOCATION OF ALL CONSTRUCTION JOINTS OR OTHER TYPES OF JOINTS, OTHER THAN SPECIFIED, SHALL BE APPROVED BY THE CONSTRUCTION MANAGER BEFORE PLACING.
5. MINIMUM CONCRETE COVER PROVIDED FOR REINFORCEMENT SHALL BE IN ACCORDANCE WITH THE SPECIFICATION.
6. ALL REINFORCING STEEL, ANCHOR BOLTS, DOWELS AND OTHER INSERTS SHALL BE WELL SECURED IN POSITION AND INSPECTED BY QUALIFIED INSPECTOR PRIOR TO PLACING CONCRETE.
7. EXISTING PAVEMENT SHALL BE SAW CUT AND BROKEN OUT TO CLEAN, STRAIGHT EDGES OF DEMOLITION AREAS.
8. EXPOSED EDGES OF CONCRETE SHALL HAVE A 3/8" CHAMFER UNLESS OTHERWISE NOTED ON DRAWINGS.
9. EXCAVATING AND BACKFILLING SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.
10. CONSTRUCTION JOINTS SHALL BE CLEANED AND ROUGHENED TO 1/4" AMPLITUDE.
11. PROVIDE REINFORCEMENT IN WALLS AT CORNER AND INTERSECTIONS AS PER DETAIL 2 BT-S-602

ANCHOR BOLTS

- 1. FOR ANCHOR BOLT DETAILS SEE DRAWING BT-S-603

SCOPE OF WORK

CONCRETE WORK FOR MID STATION "B" AND END STATION "B" AS FOLLOWS:
A. ALL FOUNDATIONS, STRIP FOOTING AND 30 INCHES THICK EQUIPMENT FOUNDATION.
B. ALL ANCHOR BOLTS AND DOWELS.
C. SLAB ON GRADE.

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