FOOTING SCHEDULE

TYPE	SIZE	THICKNESS	REINFORCING
F-1	4'-0" X 4'-0"	12"	8-#4 E.W. BOTTOM
F-2	5'-0" X 5'-0"	12"	7-#4 E.W. BOTTOM
F-3	6'-0" X 6'-0"	12"	8-#4 E.W. BOTTOM
F-4	7'-0" X 7'-0"	12"	8-#5 E.W. BOTTOM
F-5	7'-0" X 7'-0"	12"	6-#5 E.W. T&B
F-6	10'-0" X 10'-0"	12"	5-#4 E.W. T&B
F-7	10'-0" X 10'-0"	15"	9-#4 E.W. T&B
F-8	12'-0" X 12'-0"	15"	10-#5 E.W.: T&B

COLUMN SCHEDULE

TYPE	SIZE
C-1	HSS 4x4x1/4
C-2	HSS 5x5x5/16
C-3	HSS 5x5x3/8
C-4	W10X49

MINIMUM WALL REINFORCING SCHEDULE

Wall Thickness	Number of Rows	Horizontal	Vertical
8"	1 @ mid wall	#4 @ 12"	#4 @ 16"
10"	1 @ mid wall	#4 @ 10"	#4 @ 13"
12"	2	#4 @ 12"	#4 @ 16"
14"	2	#4 @ 12"	#4 @ 16"
16"	2	#4 @ 12"	#4 @ 13"
18"	2	#4 @ 10"	#4 @ 13"
20"	2	#5 @ 12"	#5 @ 15"

NOTE: TABLE TO BE USED WHEN REINFORCING HAS NOT BEEN NOTED ON PLANS

1. REFERENCE DIVISION 3 FOR CONCRETE STRENGTH REQUIREMENTS AT 28 DAYS PER CAST TYPE
2. ALL INTERIOR 4" SLABS ON GRADE SHALL BE REINFORCED WITH 6 X 6 X #4 X #4 WELDED WIRE FABRIC ON MESH. ALL 5" SLABS ON GRADE SHALL BE REINFORCED WITH 6X6X #5 X #5 WWM UNLESS OTHERWISE NOTED. LAYOUT TO BE INSTALLED DOWELS AT 12" O.C. IN BOTH SIDES AT TONGUE AND GROOVED WITH #5 REBAR AT 12" O.C. SPACING EACH WAY
3. FOUNDATION WALL CONTROL JOINTS SHALL BE PLACED AT A MAXIMUM SPACING OF 00'-0". ALIGN FOUNDATION CONTROL JOINTS WITH EXTERIOR MASONRY VENEER JOINTS
4. SLAB O/ GRADE AND ELEVATED SLAB CONTROL JOINTS SHALL BE PLACED AS FOLLOWS: 2'-0" SLABS SPACE JOINTS AT 2'; SLABS 3'-0" AND 3'-6" SLABS AT 15'-0" (MAX) ON EACH WAY. CONTROL JOINTS SHALL BE SAWCUT AT THE EARLIEST POSSIBLE TIME AFTER CONCRETE HAS BEEN PLACED AND WORKABLE FINISHED. ALL JOINTS SHALL BE FILLED AND SEALANT AT THE COMPLETION OF THE PROJECT.
5. CONTRACTOR WILL CHECK WITH ALL TRADES TO ASSURE CORRECT LOCATION SIZE LINE AND ELEVATION OF ALL SLEEVES, BOND-OUTS, ETC. RECQUIRED IN CONCRETE FLOORS AND WALLS.
6. ALL INTERSECTING CONCRETE WALLS SHALL BE TIED WITH #4 BARS 3-0" LONG (BENT 18" - 18") SPACED AT 12" O.C. OUTS OF FACE ONLY.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FLOOR DRAIN, SETTING FOR ELEVATION AND FLUIDNESS TO ASSURE COMPLETE AREA DRAINAGE
8. ALL FOOTINGS S-HALL BEAR ON VIRGIN SOIL OR STRUCTURAL BACKFILL COMPACTED TO A UNIFORM 95% STANDARD DENSITY
9. ALL PLCI IANICAL EQUIPMENT MUSTING ON THE CONCRETE PAD SHALL HAVE A 2" THICK CONCRETE PAD UNDERNEATH. CENI ONCCED WITH #3 BARS AT 12" O.C. EACH WAY.
10. ALL STRUCTURAL STEEL BELOW F N SH FLOOR SHALL RECEIVE (2) COATS OF TUNICIOLS MASTIC.
11. ADVANTAGES CONTAINING CALCIUM CHLORIDE SHALL NOT BE USED. CONCRETE SHALL NOT BE IN DIRECT CONTACT WITH ALUMINUM
12. PROVIDE IN ALL SLASS ON GRADE (2) BARS 4'-0" LONG AT EACH REENTRANT CORNER AND BOTH SIDES OF DOOR OPENING
13. FOUNDATION WALL REINFORCING WILL BE ADJUSTED AS REQUIRED NOT TO INTERFERE WITH BASE PLATE ANCHOR BOLTS
14. REFER TO ACI 318 (LATEST EDITION) FOR ALL MINIMUM CONCRETE COVER FOR REINFORCING STEEL
15. UNLESS OTHERWISE NOTED REINFORCING BAR SPLICES SHALL BE ACI CLASS B SPLICES USED ON THE FOLLOWING LAP LENGTHS:

BAR SIZE	3	4	5	6	7	8	9	10	11
LAP (in.)	14	18	22	26	33	41	49	57	74

16. CONCRETE MATERIALS AND ARCHITECTURAL DRAWINGS
17. DRILLED-IN ANCHOR BOLTS OR REBAR DOWELS SHALL BE INSTALLED AS FOLLOWS:
    a. LOCATE ANCHOR BOLTS OR DOWELS TO AVOID CUTTING EXISTING REBAR
    b. DEPTH IS BASED ON A CLEAN HOLE WITH ROUGH SIDES. ROTARY PERCUSSION EQUIPMENT AND COURSE ROCK CUTTING CHISELS ARE RECOMMENDED. DIAMOND CORE BITS SHOULD BE AVOIDED AS A BULLNOSE EFFECT IS MAY RESULT DUE TO BIT INCREASED LUBRICATIONS
    c. CLEAN HOLES WITH COMPRESSED AIR OR VACUUM. REMOVE ANY FREE STANDING WATER AND ALLOW HOLE TO DRY
    d. GROUT ANCHOR BOLTS OR DOWELS WITH HILTI HIT HY-150 ADHESIVE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS (HILTI HEA ADHESIVE CAPSULE MAY BE SUBSTITUTED FOR THE HILTI HIT HY-150 ADHESIVE)

1. PORTIONS OF STEEL FRAMING TO RECEIVE PREFROOFING SHALL BE SHIPPED UNPAINTED. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS
2. ROOF LOADS (FACTORED FOR STRUCTURAL DESIGN)
    A. UNIFORM LOADING REQUIREMENTS
    LIVE LOAD (SNOW LOAD = 100 P.S.F. (IMPORTANCE FACTOR = 1.0, EXPOSURE FACTOR = 1.0)
    DEAD LOAD 25.0 P.S.F.
    B. DRIFTING SNOW LOADING CALCULATIONS AND SPECIAL CONDITIONS
    SEE STRUCTURAL DRAWING SR-100 FOR DRIFTING SNOW LOAD DIAGRAMS, WEIGHT AND LOCATION OF ROOFTOP HVAC UNITS, AND SPECIAL CONDITIONS INFLUENCING THE DESIGN PERSONNEL (RFI) LIBRARIAN'S OF THE STRUCTURAL SYSTEMS
3. FLOOR LOADS
    OFFICE/CONFERENCE: LIVE 50 PSF DEAD 25 PSF
    STORAGE AREAS LIVE 150 PSF DEAD 25 PSF
    ADDITIONAL LIVE LOAD FOR OFFICE PARTITIONS LIVE 20 PSF
    WALL LOADS:
    A. FACTORS
    BASIC WIND SPEED: 100 MPH, EXPOSURE CATEGORY 'B'
    IMPORTANCE FACTOR: 1.0 ACTUAL BUILDING HEIGHT: 25'-4"
    MINIMUM ROOF LIVE LOADS:
    B. FIELD: 12 PSF
    b. PERIMETER (7' WIDE): 20 PSF
    c. CORNERS (7' x 7'): 20 PSF
    C. SEISMIC COEFFICIENTS
    a. RESPONSE SPECTRAL ACC (0.2 sec.) S_s = 0.3659
    b. RESPONSE SPECTRAL ACC (1.0 sec.) S_1 = 0.0958
    c. S TF COEFFICIENTS: F_a = 1.700, F_v = 1.700
    d. MAX. CONSIDERED EARTHQUAKE ACC @ 5% DAMPED DESIGN: S_{xs} = 0.236, S_{x1} = 0.111
    e. BUILDING CATEGORY: II
    f. SEISMIC USE GROUP: I
    g. SEISMIC DESIGN CATEGORY FOR 0.1 AND 1.0 SECONDS: B

STRUCTURAL/SEISMIC RESISTING SYSTEM:

1 TYPICAL –
    BULL'S-EYE FRAME SYSTEM
    A. ORDINARY STEEL MOMENT FRAMES
    a. RESPONSE MODIFICATION FACTOR, (R) = 3 ½
    b. DEFLECTION AMPLIFICATION FACTOR (Cd) = 3
    c. RESPONSE MODIFICATION FACTOR (R) = 5
    B. ORDINARY STEEL CONCENTRICALLY BRACED FRAMES:
    a. RESPONSE MODIFICATION FACTOR, (R) = 3 ½
    b. DEFLECTION AMPLIFICATION FACTOR (Cd) = 3
    c. DEFLECTION AMPLIFICATION FACTOR (Cd) = 4 ½

FRAMING WALL SYSTEM
    C. ORDINARY STEEL MOMENT FRAMES
    RESPONSE MODIFICATION FACTOR (R) = 3 ½
    DEFLECTION AMPLIFICATION FACTOR (Cd) = 3

4. ALL STRUCTURAL STEEL BEAMS COLUMNS SHALL CONFORM TO ASTM A992, F_y=50ksi AL. STEEL TUBE COLUMNS SHALL CONFORM TO ASTM A500 GRADE 'B', F_y=46ksi AL
5. SEE ARCHITECTURAL WALL SECTIONS AND DETAILS FOR MISCELLANEOUS STEEL.
6. ALL PLYWOOD TO CONFORM TO THE LATEST PDS STANDARDS
7. ALL STEEL BEAMS RESTING ON MASONRY WALLS SHALL HAVE BEARING PLATES AND (3) COURSES OF FILLED BLOCK UNDERNEATH
8. PROVIDE AND INSTALL DOUBLE 2X8 HEADER AND RAFTER FRAMING AROUND ALL ROOF PENETRATIONS. SEE MECHANICAL PLANS AND DETAILS AND ROOF PLANS AND DETAILS
9. STEEL ROOF DECK AND PASTENING REQUIREMENTS SHALL BE AS SPECIFIED IN DIVISION 5 OF THE SPECIFICATIONS
10. ALL DEAD PULL OUT ACTION LOCKED IN WELDED CONNECTIONS WILL NOT EXCEED 5% OF THE ALLOWABLE CAPACITY NOT LESS THAN 115 POUNDS PER SQUARE FOOT. ON-SITE EXCAVATION MATERIAL NEETING THE ABOVE MAY BE USED.
11. ALL SILL PLATES SHALL BE FASTENED TO FOUNDATION WITH ½" Ø ANCHOR BOLTS AT 4'-0" O.C. UNLESS OTHERWISE NOTED
12. ALL FLOOR PLATES SHALL BE FASTENED BY EMBEDMENT DETAIL IN BRICK SHELF AREAS
13. ALL STEEL PLATES SHALL BE FASTENED TO CONCRETE WITH ½" Ø ANCHOR BOLTS AT 4'-0" O.C. UNLESS OTHERWISE NOTED
14. SPECIAL INSPECTIONS. AN INDEPENDENT INSPECTION'S PROGRAM AND SCHEDULE SHALL BE ARRANGED BY THE BUILDING OWNER AND THE STRUCTURAL ENGINEER OF RECORD
15. A QUALIFIED PERSON APPROVED BY THE BUILDING OFFICIALS SHALL MAKE SPECIAL INSPECTIONS IN ACCORDANCE WITH CHAPTER 17 OF THE IBC2003 AND AS DEFINED SPECIAL INSPECTOR SHALL OBSERVE WORK FOR CONFORMANCE WITH THE APPROVED DRAWINGS AND SPECIFICATIONS
16. INSPECTION REPORTS SHALL BE SUBMITTED TO THE OWNER, BUILDING OFFICIAL AND ARCHITECT AND SHALL INCLUDE ALL OBSERVATIONS AND DEFICIENCIES NOTED.
17. THE FOLLOWING TYPES OF WORK SHALL REQUIRE SPECIAL INSPECTION OPERATIONS: INSTALLATION OF CRITICAL STRUCTURAL FRAME AND PREMIS INSTALLATION OF REINFORCING STEEL, CONCRETE PLACEMENT, STRUCTURAL TILT, PLACEMENT AND FABRICATION PROCESSES OF COLD METAL FRAMING AND ASSEMBLIES
18. SITE PREPARATION FOR THE FOUNDATION SHALL BE IN ACCORDANCE WITH THE OWNER SUPPLIED GEOTECHNICAL REPORT AND RECOMMENDATIONS. REFERENCE SAMI REPORT FOR ALL UNDERSLAB AND PERIMETER DRAINAGE PIPING REQUIREMENTS

1. ALL MASONRY TO LOOK COURSED EVENLY. MINIMUM COURSE SHALL BE LAID SOLID WITH CONCRETE.
2. PROVIDE CONTROL JOINTS AT 13'-0" O.C. (MAX) AND LOCATE JOINTS AT EACH SIDE OF DOOR OPENINGS WHERE POSSIBLE CONTINUOUS JOINTS IN ALL EXTERIOR MASONRY WALLS WILL BE INDICATED. THIS NOTE OR AS SHOWN ON EXTERIOR ELEVATIONS.
3. LAY UNITS IN RUNNING BOUNDCONDERS SHALL HAVE A STANDARD BOND BY OVERLAPPING UNITS.
4. MORTAR: TYPE S
5. WET MASONRY WALLS THROUGHLY FOR 3 CONSECUTIVE DAYS IMMEDIATELY AFTER PLACEMENT OF TEMPERATURES AREAV. LL BE ABOVE 80°F DURING THE DAY.
6. NO EXPANSION BOLTS WILL BE ALLOWED IN MASONRY WALLS. (CHEMICAL ANCHORS ONLY)
7. MASONRY LAID IN OUTSIDE AIR TEMPERATURES BELOW 40°F SHALL BE PROTECTED IN ACCORDANCE WITH THE PROVISIONS OF THE 1994 UBC RECOMMENDED PRACTICES AND GUIDE SPECIFICATIONS FOR COLD WEATHER MASONRY.
8. ALL MASONRY BLOCK SHALL BE LAID WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS. ALL MORTAR SHALL BE TROWELED SMOOTH.

1. ALL WORK SHALL BE DONE IN CONFORMANCE WITH THE GENERAL CONTRACTOR'S SAFETY PROGRAM.
2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL WORK TO BE DONE BY SUBCONTRACTORS, LOCAL AUTHORITIES, AND UTILITY COMPANIES WITH JURISDICTION OVER THE PROJECT.
3. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING HANDLING AND STORAGE OF ALL ITEMS/MATERIALS TO BE REMAIN THE PROPERTY OF THE OWNER WITH THE OWNERS REPRESENTATIVE
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS AND METHODS AND ALL TEMPORARY SHORING, BRACING, PROTECTION OF OPERATIONS, PROTECTION OF PUBLIC AND WORKERS, REMOVAL OF WASTE MATERIAL, PROTECTION OF ADJACENT PROPERTY AND UTILITIES AND SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE CONSTRUCTION.
5. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, PLUMBING, ELECTRICAL, CIVIL SITE DRAWINGS AND MATERIAL SPECIFICATIONS. THESE DRAWINGS SHALL BE REFERENCED TO FOR SIZE AND LOCATIONS OF OPENINGS, VENTS, PIPES, INSERTS, HANGERS, ETC...
6. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION AND ERECTION OF MATERIALS. THE DETAILING OF ALL WORK IS PART OF THE CONTRACT AND SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CODES SPECIFIED.
7. REPRODUCTION OF STRUCTURAL DRAWINGS FOR SHOP DRAWINGS IS NOT PERMITTED. ELECTRONIC DRAWINGS WILL NOT BE PROVIDED TO THE CONTRACTOR UNLESS THE SER IS COMPENSATED FOR THE FILES
8. ALL WORK SHALL REQUIRE ADHERANCE TO THE REQUIREMENTS OF ASTM DESIGNATION A-325 ENTIRES. RECOMMENDED PRACTICE FOR INSPECTION AND TESTING AGENCIES FOR CONCRETE AND STEEL USED IN CONSTRUCTION.

1. INSTALL PER ALL OPENINGS AND PERFORATIONS IN 4 INCH VERTICAL WALLS UP TO 3'-11" WIDE (UNLESS OTHERWISE NOTED) 4"X3" STEEL ANGLE LINTEL FOR ALL OPENINGS AND PENETRATIONS BELOW 4'-0" AND 8'-0" WIDE (UNLESS NOTED) 1/4"X5 1/2"X 2'-0" STEEL ANGLE LINTEL.
2. ALL CONCRETE MASONRY OR BRICK UNITS SHALL HAVE 12" (MIN.) END BEARING UNLESS OTHERWISE NOTED
3. PROVIDE VERTICAL CONTROL EXPANSION OR CONTRACTION JOINTS SPACED AT 13'-0" O.C. (MAX) AND LOCATE JOINTS AT EACH SIDE OF DOOR OPENINGS WHERE POSSIBLE CONTINUOUS JOINTS IN ALL EXTERIOR MASONRY WALLS WILL BE INDICATED. THIS NOTE OR AS SHOWN ON EXTERIOR ELEVATIONS.
4. LAY UNITS IN RUNNING BOUNDCONDERS SHALL HAVE A STANDARD BOND BY OVERLAPPING UNITS.
5. MORTAR: TYPE S
6. WET MASONRY WALLS THROUGHLY FOR 3 CONSECUTIVE DAYS IMMEDIATELY AFTER PLACEMENT OF TEMPERATURES AREAV. LL BE ABOVE 80°F DURING THE DAY.
7. NO EXPANSION BOLTS WILL BE ALLOWED IN MASONRY WALLS. (CHEMICAL ANCHORS ONLY)
8. MASONRY LAID IN OUTSIDE AIR TEMPERATURES BELOW 40°F SHALL BE PROTECTED IN ACCORDANCE WITH THE PROVISIONS OF THE 1994 UBC RECOMMENDED PRACTICES AND GUIDE SPECIFICATIONS FOR COLD WEATHER MASONRY.
9. ALL MASONRY TO LOOK COURSED EVENLY. MINIMUM COURSE SHALL BE LAID SOLID WITH CONCRETE.

1. CONTRACTOR TO PROTECT ALL FEATURES INDICATED NOT TO BE DISTURBED DURING CONSTRUCTION.
2. CONTRACTOR SHALL PROTECT EXISTING STRUCTURES INCLUDING, BUT NOT LIMITED TO, BUILDINGS, FOUNDATIONS, FOOTINGS, FENCES, ROADS, PAVING, ETC. CONTRACTOR SHALL REPAIR/REPLACE DAMAGES TO THE OWNERS SATISFACTION AT NO ADDITIONAL COST TO THE OWNER
3. CONTRACTOR SHALL PROVIDE BRACING OF SOILS SUPPORTING EXISTING STRUCTURES TO PREVENT AGAINST LOSS OR SUPPORT
4. CONTRACTOR TO INSURE AND PROTECT ABOVE AND BELOW GROUND UTILITIES WHICH ARE NOT TO BE DISTURBED
5. CONTRACTOR SHALL PROTECT BENCH MARKS, SURVEY REFERENCE MARKS, AND PROPERTY CORNERS
6. CONTRACTOR SHALL COMPLY WITH ALL CITY, STATE AND FEDERAL REGULATIONS FOR THE DISPOSAL OF EXCAVATED MATERIALS
7. NOTIFY OWNER IMMED ATELY IF ROCK IS ENCOUNTERED. DO NOT PROCEED WITH ROCK EXCAVATION UNTIL AUTHORIZED BY THE OWNER
8. BACKFILLING AND COMPACTION - INCLUDES THE INSTALLATION OF SUBGRADE AND FINISH GRADE MATERIAL FILL AND THE COMPACTION THEREOF
9. ORDINARY FILL MATERIALS TO BE NON-EXPANSIVE SOILS FREE OF ORGANIC MATTER AND DEBRIS, HAVING A DRY DENSITY NOT LESS THAN 115 POUNDS PER CUBIC FOOT. ON-SITE EXCAVATION MATERIAL MEETING THE ABOVE MAY BE USED.
10. DRAINAGE FILL: WASHED GRADED ¾" STONE OR CRUSHED GRAVEL WITH 100 PERCENT PASSING A 1 1/2 INCH SIEVE AND NOT MORE THAN 5 PERCENT PASSING A NO. 4 SIEVE.
11. PROOF COMPACT THE BOTTOM OF THE EXCAVATION BY MEANS OF PASSES WITH A VIBRATORY PLATE COMPACTOR PRIOR TO THE INSTALLATION OF DRAINAGE PIPING
12. COMPACT BY THREE ORDINARY OR DRAINAGE FILL IN CONTINUOUS LAYERS NOT EXCEEDING 8 INCH (8 INCH LIFTS) CONTRACTOR TO MAINTAIN MOISTURE CONDITIONS TO ENSURE COMPACTION TO 95 PERCENT MAXIMUM DRY DEN SITY. REFER TO ASTM D698 FOR COMPACTION PROCEDURES.
13. FILTER FABRIC: USE MIRAFI 140 NS NON-ORGANIC FILTER FABRIC. INSTALL CONTINUOUSLY ALONG LENGTH OF DRAINAGE PIPING INSTALLATIONS. LAP WATER AT A MINIMUM OF 12 INCHES AT ALL SPLICES AND JOINTS
14. DEMOLISHED EDGING - INCLUDES THE INSTALLATION OF PREFORMATED AND NONPREFORMATED PVC DRAINAGE PIPE FOR STORMWATER TRANSPORT. REFER TO OWNER PROVIDED GEOTECHNICAL REPORT FOR SUBSURFACE DRAINAGE REQUIREMENTS

1. EXCAVATION AND GRADING - INCLUDES THE REMOVAL OF BELOW-GRADE BORROW AND MISCELLANEOUS MATERIALS FOR THE INSTALLATION OF PIPING AND OTHER SUBSURFACE STORMWATER FACILITIES INDICATED ON THE DRAWING.
2. CONTRACTOR SHALL PROTECT EXISTING STRUCTURES INCLUDING, BUT NOT LIMITED TO, BUILDINGS, FOUNDATIONS, FOOTINGS, FENCES, ROADS, PAVING, ETC. CONTRACTOR SHALL REPAIR/REPLACE DAMAGES TO THE OWNERS SATISFACTION AT NO ADDITIONAL COST TO THE OWNER
3. CONTRACTOR SHALL PROVIDE BRACING OF SOILS SUPPORTING EXISTING STRUCTURES TO PREVENT AGAINST LOSS OR SUPPORT
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6. CONTRACTOR SHALL COMPLY WITH ALL CITY, STATE AND FEDERAL REGULATIONS FOR THE DISPOSAL OF EXCAVATED MATERIALS
7. NOTIFY OWNER IMMED ATELY IF ROCK IS ENCOUNTERED. DO NOT PROCEED WITH ROCK EXCAVATION UNTIL AUTHORIZED BY THE OWNER
8. BACKFILLING AND COMPACTION - INCLUDES THE INSTALLATION OF SUBGRADE AND FINISH GRADE MATERIAL FILL AND THE COMPACTION THEREOF
9. ORDINARY FILL MATERIALS TO BE NON-EXPANSIVE SOILS FREE OF ORGANIC MATTER AND DEBRIS, HAVING A DRY DENSITY NOT LESS THAN 115 POUNDS PER CUBIC FOOT. ON-SITE EXCAVATION MATERIAL MEETING THE ABOVE MAY BE USED.
10. DRAINAGE FILL: WASHED GRADED ¾" STONE OR CRUSHED GRAVEL WITH 100 PERCENT PASSING A 1 1/2 INCH SIEVE AND NOT MORE THAN 5 PERCENT PASSING A NO. 4 SIEVE.
11. PROOF COMPACT THE BOTTOM OF THE EXCAVATION BY MEANS OF PASSES WITH A VIBRATORY PLATE COMPACTOR PRIOR TO THE INSTALLATION OF DRAINAGE PIPING
12. COMPACT BY THREE ORDINARY OR DRAINAGE FILL IN CONTINUOUS LAYERS NOT EXCEEDING 8 INCH (8 INCH LIFTS) CONTRACTOR TO MAINTAIN MOISTURE CONDITIONS TO ENSURE COMPACTION TO 95 PERCENT MAXIMUM DRY DEN SITY. REFER TO ASTM D698 FOR COMPACTION PROCEDURES.
13. FILTER FABRIC: USE MIRAFI 140 NS NON-ORGANIC FILTER FABRIC. INSTALL CONTINUOUSLY ALONG LENGTH OF DRAINAGE PIPING INSTALLATIONS. LAP WATER AT A MINIMUM OF 12 INCHES AT ALL SPLICES AND JOINTS
14. DEMOLISHED EDGING - INCLUDES THE INSTALLATION OF PREFORMATED AND NONPREFORMATED PVC DRAINAGE PIPE FOR SUBSURFACE STORMWATER TRANSPORT. REFER TO OWNER PROVIDED GEOTECHNICAL REPORT FOR SUBSURFACE DRAINAGE REQUIREMENTS

ISSUED FOR CONSTRUCTION

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NOTES AND SCHEDULES

DELTA ROOFING

PORTLAND, MAINE

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NUMBER	DATE	BY	DESCRIPTION

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