



State of Rhode Island
Department of Administration / Division of Purchases
One Capitol Hill, Providence, Rhode Island 02908-5855
Tel: (401) 574-8100 Fax: (401) 574-8387

ADDENDUM #1

RFQ # 7549990

**TITLE: CONSTRUCTION OF NEW DOT PORTSMOUTH
MAINTENANCE FACILITY**

SUBMISSION DEADLINE: NOVEMBER 19, 2015 – 11:00 a.m.

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- Attached please find attendance sheet from pre-bid conference held on November 4, 2015.
 - See attached modifications.

A handwritten signature in cursive script that reads "Lisa Hill".

Lisa Hill
Chief Buyer



State of Rhode Island
 Division of Purchases
 One Capitol Hill
 Providence, RI 02908

"NON-MANDATORY" PRE-BID CONFERENCE SIGN IN SHEET

BID NUMBER: 7549990
 BID TITLE: CONSTRUCTION OF NEW PORTSMOUTH MAINTENANCE FACILITY
 PRE-BID DATE AND TIME: 11/14/15 - 10:00 A.M.

COMPANY NAME	COMPANY REPRESENTATIVE	ADDRESS	CONTACT E-MAIL	CONTACT PHONE NUMBER	CONTACT FAX NUMBER	PROPOSAL SUBMITTED FOR Purchasing Use Only
RF DOT	Don, Ironman	170 RITWAY RD	dotri@dotri.com	401 681-5710	683 1534	
Enst Const Const.	J. Milburn	202 Chase Rd Providence, RI	SIBV@EastCoastConstruction.com	683 5656	683 5662	
Daw B. Aldinger & Assoc.	Mary Caouette	800A Waterman Ave. Suite 9, E. Prov., RI	Mary@pba-engr.com	401-435-5570	401-435-5569	
RF DOT	Conyap Tally	300 Lincoln Ave Providence, RI	conyap.tally@dotri.com	734-4855	736-0189	
WES CONSTRUCTION CORP.	Ken Vogel	650 INDUSTRIAL DRIVE HAWTHAY, MA	KVOGEL@WESCONSTRUCTIONCORP.COM	509-328-3998	781-294-1067	
WES Construction Corp	Michael Christian	650 Industrial Dr Hawthay, MA 02718	mchristian@wesconstructioncorp.com	781-844-8148	781-294-4597	
ROB ARCHITECTS	NETE HATCHER	50 HOWLAND STREET PROVIDENCE, RI	hatcher@rgb.net	401-272-1730	401-273-7136	
RGB Architects	Alexandra Lerner	" "	alerner@rgb.net	901-272-1730	" "	
RF DOT	Joseph A. Delli	360 Lincoln Ave WATERMAN	Joseph.Delli@dotri.com	401-734-4800		
GRA INC	ED MacRae	200 Main St Provt, RI 02860	EMacrae@grainc.com	401-726-4084	401-728-1533	
" "	Steve Cadurette	" "	Cadurette ↑	" "	" "	
Teary	SAR TORRESA	277 WARWICK AVE WARWICK, RI	ESTIMATING@TORRESACONSTRUCTIONCORP.COM	943-0110	944-4041	
E.W. BUNMAN	TRAPP BUNMAN	33 VERMONT AVE WARWICK, RI	ESTIMATING@EWBUNMAN.COM	401-738-5400	737-2650	
Nick Piampano	Marla Fort	24 Martin St Cumberland, RI	npiampano@menafort.com	401 333 2550	401 337 2550	
ARTHUR SUTTON	DIBEGGEOID	Business Park DRIVE SUTTON	ASUTTON@DIBEGGEOIDCORP.COM	401-602-3436		
ABM Group	Tony Ventetolo	21 College Hill Rd WATERMAN, RI	trventetolo@ahlborg.com	401 681-4949	401 681-4980	

I. Bid Documents

1. Bid Form: Clarification: There are 7 Allowances on this project
 - A. Allowance 1: Provide \$ 2,000 – temporary project identification sign
 - B. Allowance 2: Provide \$ 25,000 – unforeseen conditions
 - C. Allowance 3: Provide \$ 35,000 – material testing & independent 3rd party inspection
 - D. Allowance 4: Provide \$ 15,000 – CxA commissioning & testing
 - E. Allowance 5: Provide \$ 20,000 – National Grid Electrical Service fee
 - F. Allowance 6: Provide \$ 3,500 - Portsmouth Water and Fire District fee
 - G. Allowance 7: Provide \$185,000 - Furniture, Fixtures & Equipment package
2. Bid Form: Clarification: There are 6 Alternates on this project
 - A. Alternate No. 1 Brine and Magnesium Storage and Dispensing Systems
 - B. Alternate No. 2 Cold Patch Shed
 - C. Alternate No. 3 Metal Storage Shed
 - D. Alternate No. 4 Large Ceiling Fans in Vehicle Bay Room 100
 - E. Alternate No. 5 High speed overhead doors for door # 100.2 & 100.7
 - F. Alternate No. 6 Large Capacity Vehicle Lift in Vehicle Bay Room 100 at the maintenance area.
3. Bid Form: Clarification: There are no Unit Prices required by the Project Manual

II. Specifications

1. Section 01 21 00 ALLOWANCES
 - A. Additional Allowances to be added to Paragraph 1.4, B:
 - 1) Allowance 6: Provide \$3,500 for Portsmouth Water and Fire District (PWFD) fee to install one two-inch diameter compound water meter in location shown on the Plans.
 - 2) Allowance 7: Provide \$185,000 for Additional Furniture, Fixtures & Equipment package (FF&E) that includes office & shop fixtures & equipment not specified in the construction documents. Allowance 7 FF&E package to be competitively bid; architect to approve supplier/vendors prior to bidding of FF&E package.
2. Section 01 22 00 UNIT PRICES
 - A. Remove this spec section in its entirety. There will be no unit prices on this job
3. Section 01 23 00 ALTERNATES
 - A. Part 3 – 3.1 Schedule of Alternates, D. Alternate No.4, Replace 2. – Alternate: Provide large blade ceiling fans, size to be 14 foot diameter with all required electrical power, three required locations per reflected ceiling plan, each to have a manual control keypad wall mounted adjacent to column E5 at 5'-4" above finish floor. Provide all components necessary for a complete and functional system.
4. Section 33 10 00 WATER - DOMESTIC AND FIRE SERVICES
 - A. Replace: Part 5 – Payment, Paragraph 5.1.1: The Domestic Water and Fire Services work will not be paid for separately. Payment is included in the “contract sum” listed in the Bid Proposal Form. The portion of the “contract sum” representing payment for Water – Domestic and Fire Services and the 2” HDPE pipe for future use constitutes full and complete compensation for all labor, materials, equipment, layout, and installation of the complete new water service including, but not limited to providing and installing all piping, valves fittings, post indicator, thrust blocks, disinfection, testing, all PWFD Fees and all other incidentals required to finish this work, complete in place and accepted by the PWFD and the Engineer. Refer to allowance 6 for PWFD fee cost.

III. Drawings

1. General Clarification
 - A. All structural steel incorporated within the metal building framing system or supported by the system that is not specifically indicated by size and notation is to be designed & furnished by the metal building manufacturer, for field installation by the steel erector.
 - B. Lube Reel Support System & Pipe Rack Support to be furnished by the building manufacturer for field installation by the steel erector.
 - C. When a steel member has been sized in the construction drawings, the metal building manufacturer is to account for imposed loads on the structural frame, and furnish steel member or equivalent for field installation by steel erector.
 - D. General contractor to coordinate metal building manufacturer and miscellaneous metal trade contractors for all steel necessary or indicated in the construction documents.
2. Sheet 000 Cover Sheet
 - A. Sheet List
 - 1) Add sheet: 'S110 Cold patch shed foundation plan & details, framing plans, and notes,' dated November 5, 2015
3. Sheet A410 Metal Storage Building and Cold Patch Shed
 - A. Clarification: Alternate 2 is Cold Patch Shed per specification section 01 23 00. Revise all drawing references to be Alternates 2 Cold Patch Shed in lieu of Alternate 4
 - B. Clarification: Alternate 3 is Metal Storage Building per specification section 01 23 00. Revise all drawing reference to be Alternate 3 Metal Storage Building in lieu of Alternate 5.
4. Sheet A411 Storage Buildings Details
 - A. Clarification: Alternate 2 is Cold Patch Shed per specification section 01 23 00. Revise all drawing references to be Alternates 2 Cold Patch Shed in lieu of Alternate 4
 - B. Clarification: Alternate 3 is Metal Storage Building per specification section 01 23 00. Revise all drawing reference to be Alternate 3 Metal Storage Building in lieu of Alternate 5
5. Sheet A601 Reflected ceiling plans
 - A. Clarification: Alternate 4 is Ceiling Fan per specification section 01 23 00. Revise all drawing references to Alternate 4 Ceiling Fan in lieu of Alternate 1.
6. Add the following Drawing to the Project Documents
 - A. Structural Drawing:
 - 1) S110 Cold patch shed foundation plan & details, framing plans, and notes

IV. Miscellaneous Instruction

1. Clarification: General Contractor to provide in the base bid fee, the coordination and competitive bidding of Allowance 7 FF&E bid package. Architect to approve supplier/vendors prior to bidding of FF&E package.
2. All Alternates are to be numerically indicated as per in the specification section 01 23 00 ALTERNATES. Any reference throughout the construction documents that does not coordinate with section 01 23 00 should be modified to reflect the numerical indication in section 01 23 00.

V. Attachments

1. Drawing S110

STRUCTURAL NOTES

FOUNDATION NOTES:

- ALL SOIL CONTAINING ORGANIC OR UNSUITABLE BEARING MATERIAL SHALL BE CLEARED FROM THE BUILDING FOOTPRINT.
- ALL SOIL SUPPORTED FOOTINGS AND SLABS SHALL BE FOUNDED UPON COMPACTED NATURAL SUBGRADE OR COMPACTED BANK RUN GRAVEL FILL WITH A SAFE BEARING CAPACITY OF NOT LESS THAN 3000 PSF. COORDINATE SITE SPECIFIC SUBGRADE PREPARATION REQUIREMENTS WITH GEOTECHNICAL REPORT.
- ROCK SHALL BE EXCAVATED A MINIMUM OF 4" BELOW BOTTOM OF FOOTING ELEVATION AND COVERED WITH A LAYER OF COMPACTED GRAVEL.
- A MODIFIED PROCTOR TEST SHALL BE PERFORMED BY A SOILS TESTING LAB ON EACH TYPE OF SOIL TO BE COMPACTED.
- SOIL SHALL BE COMPACTED TO NOT LESS THAN 95% OF MAXIMUM DRY DENSITY PER ASTM D1557 IN LIFTS NOT TO EXCEED 6" LOOSE DEPTH.
- FIELD DENSITY TESTS SHALL BE PERFORMED BY AN INDEPENDENT SOILS TESTING LAB TO VERIFY COMPACTION. A COPY OF ALL TEST REPORTS SHALL BE FILED WITH THE ARCHITECT.
- BACKFILL SYMMETRICALLY AGAINST ALL FOUNDATION WALLS IN INCREMENTS NOT TO EXCEED 2 FEET MAXIMUM DIFFERENTIAL.
- NO FOOTINGS OR SLABS SHALL BE POURED INTO OR AGAINST SUBGRADE CONTAINING FREE WATER OR ICE.

CONCRETE NOTES:

- ALL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF NOT LESS THAN 4000 PSI AT 28 DAYS.
- ALL CONCRETE SHALL CONTAIN AN APPROVED AIR ENTRAINING ADMIXTURE. AIR CONTENT SHALL BE 4 1/2% TO 7%.
- ALL CONCRETE SHALL CONTAIN AN APPROVED WATER-REDUCING ADMIXTURE.
- A SET OF FOUR (4) CONCRETE TESTS CYLINDERS SHALL BE TAKEN BY AN INDEPENDENT CONCRETE TESTING LAB ON EACH DAY WHEN CONCRETE PLACEMENT EXCEEDS 5 CUBIC YARDS. ONE CYLINDER SHALL BE BROKEN AT 7 DAYS, TWO AT 28 DAYS, AND ONE AT 56 DAYS. A COPY OF ALL TEST REPORTS SHALL BE FILED WITH THE ARCHITECT.
- NO CALCIUM CHLORIDE SHALL BE USED IN ANY CONCRETE.
- A MIX DESIGN SHALL BE SUBMITTED FOR APPROVAL FOR EACH TYPE OF CONCRETE.
- ALL REINFORCING BARS SHALL BE ASTM A-615 GRADE 60 UNLESS NOTED OTHERWISE.
- SHOP DRAWINGS SHOWING REINFORCING DETAILS, INCLUDING STEEL SIZES, SPACING AND PLACEMENT, SHALL BE SUBMITTED BY THE CONTRACTOR FOR APPROVAL PRIOR TO FABRICATION.
- ALL REINFORCING BAR LAP SPLICES SHALL CONFORM TO REQUIREMENTS OF ACI 318, BUT IN NO CASE SHALL THEY BE LESS THAN 2'-0".
- DOWELS SHALL MATCH SIZE AND SPACING OF MAIN REINFORCING, UNLESS NOTED OTHERWISE.

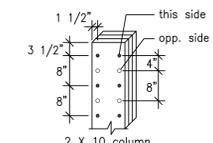
PRE-ENGINEERED ROOF TRUSSES

- SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR WOOD FRAMING DETAILS.
- ALL ROOF TRUSSES AND OVERHANGING WOOD MEMBERS SHALL BE HELD DOWN WITH HURRICANE ANCHORS PER TRUSS MANUFACTURER REQUIREMENTS.
- WOOD TRUSSES SHALL BE DESIGNED PER THE "DESIGN SPECIFICATION FOR METAL PLATE CONNECTED WOOD TRUSSES", PUBLISHED BY THE TRUSS PLATE INSTITUTE.
- WOOD TRUSS FABRICATOR SHALL SUBMIT TO THE ARCHITECT FOR APPROVAL PRIOR TO FABRICATION, SHOP DRAWINGS BEARING SEAL AND SIGNATURE OF THE DESIGN PROFESSIONAL ENGINEER, REGISTERED IN THE STATE OF MASSACHUSETTS. SHOP DRAWINGS SHALL INCLUDE BUT ARE NOT LIMITED TO: TRUSS LAYOUT PLAN; TRUSS DETAILS SHEETS SHOWING CONFIGURATION, DIMENSIONS, LOADS, MEMBER SIZES AND GRADES, MEMBER FORCES, CONNECTION PLATE SIZES, AND PERMANENT BRACING REQUIRED; TRUSS CONNECTION HANGERS FOR FLUSH FRAMING.
- WOOD TRUSS ERECTOR SHALL BE RESPONSIBLE FOR DESIGN AND INSTALLATION OF ALL TEMPORARY ERECTION BRACING.

STRUCTURAL LUMBER, ENGINEERED LUMBER:

- ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF "TIMBER CONSTRUCTION STANDARDS" OF THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION AND THE "NATIONAL DESIGN SPECIFICATION FOR STRESS-GRADE LUMBER AND ITS FASTENINGS" OF THE NATIONAL FOREST PRODUCTS ASSOCIATION.
- THE MINIMUM GRADES AND DESIGN VALUES REQUIRED FOR STRUCTURAL LUMBER SHALL BE:

STUDS:	CONSTRUCTION GRADE SPRUCE-PINE-FIR FC=1000 PSI E=1,300,000 PSI
JOISTS, RAFTERS, & HEADERS:	SPRUCE-PINE-FIR NO. 1/2 FB=875 PSI E=1,400,000 PSI
- ALL NAILS IN PRESSURE TREATED WOOD SHALL BE GALVANIZED.
- WOOD COLUMNS MADE WITH THREE OR MORE WOOD STUDS SHALL BE NAILED TOGETHER WITH 16D NAILS. NAIL SPACING SHALL BE IN (2) ROWS, SPACED 8" O.C. FROM BOTH SIDES STAGGERED 4" APART.



- ALL EXTERIOR WALL STUDS SHALL BE 2x8 @ 16" O.C. UNLESS NOTED OTHERWISE ON PLANS.
- ALL ROOF TRUSSES AND RAFTERS SHALL HAVE A SIMPSON HURRICANE CLIP FOR CONNECTIONS AT EACH BEARING LOCATION, REFER TO DRAWING FOR TYPE AND LOCATION. USE SIMPSON LSSU SLOPED HANGERS AT EACH RAFTER AS REQUIRED.
- ALL WOOD, EXCEPT ROOF TRUSSES AND ROOF SHEATHING, SHALL BE PRESSURE TREATED WITH PRESERVATIVE.
- EXTERIOR WALL SHEATHING SHALL BE MINIMUM 3/4" APA RATED PRESSURE TREATED PLYWOOD SHEATHING. SHEATHING SHALL BE NAILED WITH 10D NAILS NOT LESS THAN 6" O.C. ON ALL PANEL EDGES. ALL HORIZONTAL PANEL EDGES MUST BE BLOCKED AND NAILED.
- ROOF SHEATHING SHALL BE MINIMUM 5/8" APA RATED SHEATHING EXPOSURE 1. SHEATHING SHALL BE NAILED WITH 10d NAILS NOT MORE THAN 6" O.C. ON ALL SUPPORTED PANEL EDGES.
- ALL SIMPSON CONNECTORS (HANGERS, STRAPS, UPLIFT CONNECTORS, POST CAPS, ETC.) SHALL BE COATED WITH Z-MAX CORROSION RESISTANCE.

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Certification

Drawn by ---
Checked by ---

Revised on

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Architecture - Project Management - Interior Design
Project



STATE OF RHODE ISLAND
DEPARTMENT OF
TRANSPORTATION

PROPOSED
MAINTENANCE FACILITY
BOYD'S LANE,
PORTSMOUTH

Drawing Status
100% CONSTRUCTION
DRAWINGS

Issued On 11-5-2015

Sheet Contents
COLD PATCH SHED
FOUNDATION PLAN &
DETAILS, FRAMING
PLANS, AND NOTES

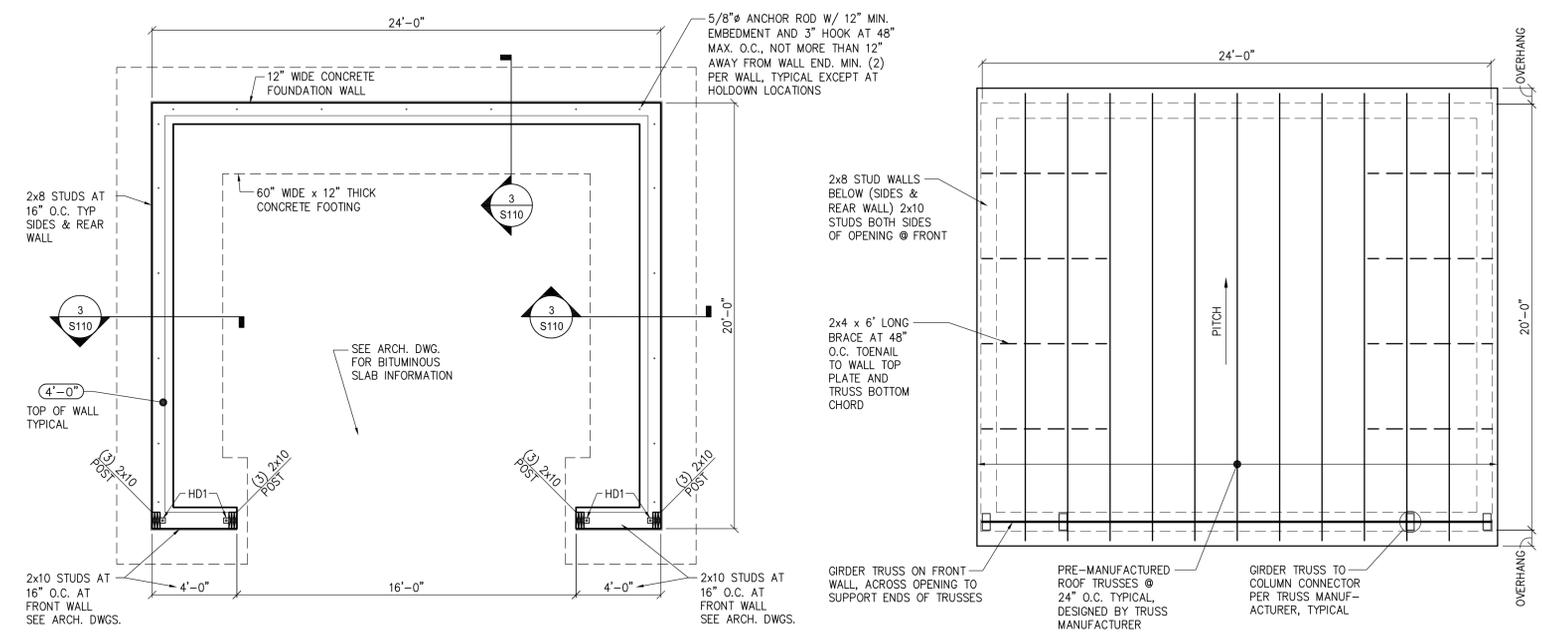
Project Number. 6110

Drawing No.

S110

Sheet of

ALTERNATE



1 FOUNDATION & SLAB PLAN
S110 SCALE: 1/4"=1'-0"

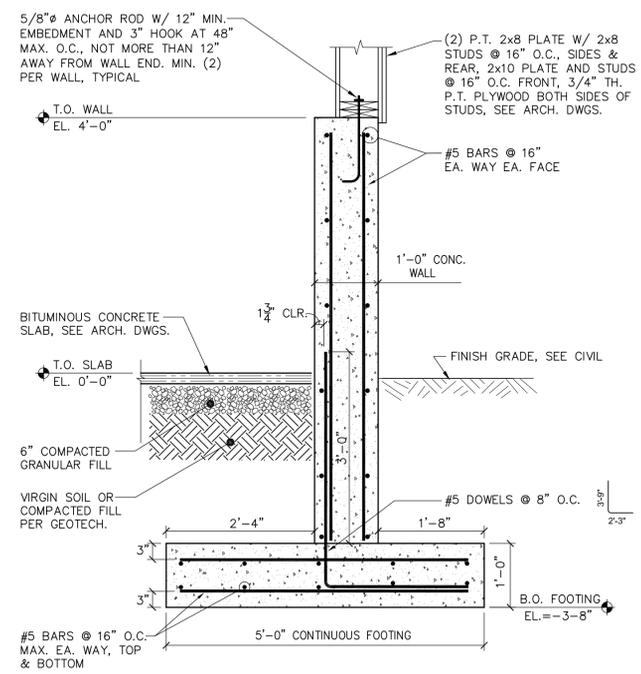
2 ROOF FRAMING PLAN
S110 SCALE: 1/4"=1'-0"

- NOTES:
- TOP OF BITUMINOUS SLAB CALLED ELEV. = 0'-0"
 - TOP OF NEW FOUNDATION WALL ELEV. NOTED T.O.W.=4'-0", UNO.
 - BOTTOM OF FOOTING ELEV. NOTED BF=-3'-8", UNO.
 - ALL DIMENSIONS SHALL BE COORDINATED WITH ARCHITECTURAL DRAWING.

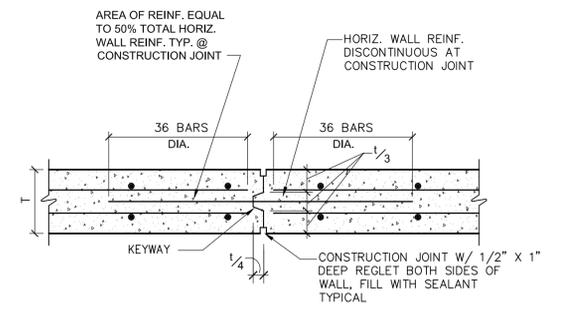
HOLDOWN SCHEDULE				
NOTE: HOLDOWN TO BE CONNECTED TO (3) 2x10 POST				
HOLDOWN TYPE	SIMPSON DESIGNATION	NUMBER OF FASTENERS	ANCHOR BOLT DIA.	ANCHOR BOLT EMBEDMENT
			INCH	INCH
HD1	HDU4-SDS2.5	(10) SIMPSON 1/4 x 2 1/2 SDS SCREWS	5/8 W/ HILTI HIT HY MAX ADHESIVE	12

GENERAL NOTES

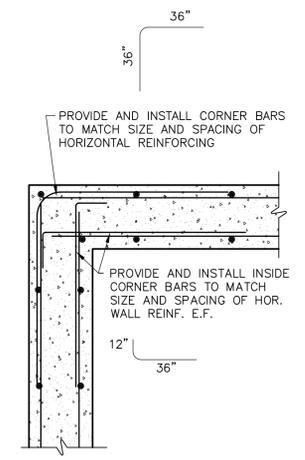
DESIGN LOADS (EXCEPT AS NOTED)
BUILDING CODE: 2013 RHODE ISLAND STATE BUILDING CODE SBC-1 (2012 INTERNATIONAL BUILDING CODE, W/ 2013 RI AMENDMENTS)
RISK CATEGORY: I
FOUNDATION CRITERIA:
GROUND SNOW: 30 PSF
FROST DEPTH: 3'-4"
SAFE SOIL BEARING CAPACITY: 3000 PSF (ASSUMED)
SEISMIC FACTORS:
GROUND ACCELERATIONS: Ss=0.170g S1=0.059g
ROOF CRITERIA:
FLAT ROOF SNOW LOAD, Pf: 30 PSF
WIND DESIGN DATA:
BASIC WIND SPEED (V): 127 MPH
WIND EXPOSURE: C



3 TYPICAL FOUNDATION WALL
S110 SCALE: 3/4"=1'-0"



CONSTRUCTION JOINT DETAIL
NOTE: MAXIMUM SPACING OF SHRINKAGE AND/OR CONST. JOINTS NOT TO EXCEED 60 FEET.



CONCRETE WALL CORNERS