STRUCTURAL NOTES:

- DESIGN REQUIREMENTS ARE PER STATE BUILDING CODE AND APPLICABLE SUPPLEMENTS, INTERNATIONAL BUILDING CODE, EIA/TIA-222-G STRUCTURAL STANDARDS FOR STEEL ANTENNA, TOWERS AND ANTENNA SUPPORTING STRUCTURES.
- 2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND ERECTION OF ANY MATERIAL. ANY UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND ENGINEER OF RECORD.
- 3. DESIGN AND CONSTRUCTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A992 (Fy=50 ksi), MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A36 UNLESS OTHERWISE INDICATED.
- 5. STEEL PIPE SHALL CONFORM TO ASTM A500 "COLD—FORMED WELDED & SEAMLESS CARBON STEEL STRUCTURAL TUBING", GRADE B, OR ASTM A53 PIPE STEEL BLACK AND HOT—DIPPED ZINC—COATED WELDED AND SEAMLESS TYPE E OR S, GRADE B. PIPE SIZES INDICATED ARE NOMINAL. ACTUAL OUTSIDE DIAMETER IS LARGER.
- 6. STRUCTURAL CONNECTION BOLTS SHALL BE HIGH STRENGTH BOLTS (BEARING TYPE) AND CONFORM TO ASTM A325 TYPE—X "HIGH STRENGTH BOLTS FOR STRUCTURAL JOINTS, INCLUDING SUITABLE NUTS AND PLAIN HARDENED WASHERS". ALL BOLTS SHALL BE 3/4" DIA UON.
- 7. ALL STEEL MATERIALS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 "ZINC (HOT-DIP GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS", UNLESS OTHERWISE NOTED
- 8. ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 "ZINC-COATING (HOT-DIP) ON IRON AND STEEL HARDWARE", UNLESS OTHERWISE NOTED.
- 9. FIELD WELDS, DRILL HOLES, SAW CUTS AND ALL DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED WITH AN ORGANIC ZINC REPAIR PAINT COMPLYING WITH REQUIREMENTS OF ASTM A780. GALVANIZING REPAIR PAINT SHALL HAVE 65 PERCENT ZINC BY WEIGHT, ZIRP BY DUNCAN GALVANIZING, GALVA BRIGHT PREMIUM BY CROWN OR EQUAL. THICKNESS OF APPLIED GALVANIZING REPAIR PAINT SHALL BE NOT NOT LESS THAN 4 COATS (ALLOW TIME TO DRY BETWEEN COATS) WITH A RESULTING COATING THICKNESS REQUIRED BY ASTM A123 OR A153 AS APPLICABLE.
- 10. CONTRACTOR SHALL COMPLY WITH AWS CODE FOR PROCEDURES, APPEARANCE AND QUALITY OF WELDS, AND FOR METHODS USED IN CORRECTING WELDING. ALL WELDERS AND WELDING PROCESSES SHALL BE QUALIFIED IN ACCORDANCE WITH AWS "STANDARD QUALIFICATION PROCEDURES". ALL WELDING SHALL BE DONE USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC AND DI.I. WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC "STEEL CONSTRUCTION MANUAL". 14TH EDITION.
- 11. INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISFITTING OR NON-CONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE CONSTRUCTION MANAGER PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH ACTION SHALL REQUIRE CONSTRUCTION MANAGER APPROVAL.
- 12. UNISTRUT SHALL BE FORMED STEEL CHANNEL STRUT FRAMING AS MANUFACTURED BY UNISTRUT CORP., WAYNE, MI OR EQUAL. STRUT MEMBERS SHALL BE 1 5/8"x1 5/8"x12GA, UNLESS OTHERWISE NOTED, AND SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION.
- 13. EPOXY ANCHOR ASSEMBLY SHALL CONSIST OF STAINLESS STEEL ANCHOR ROD WITH NUTS & WASHERS. AN INTERNALLY THREADED INSERT, A SCREEN TUBE AND A EPOXY ADHESIVE. THE ANCHORING SYSTEM SHALL BE THE HILTI—HIT HY—70 AND OR HY—200 SYSTEMS (AS SPECIFIED IN DWG.) OR ENGINEERS APPROVED EQUAL.
- 14. EXPANSION BOLTS SHALL CONFORM TO FEDERAL SPECIFICATION FF-S-325, GROUP II, TYPE 4, CLASS I, HILTI KWIK BOLT III OR APPROVED EQUAL. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- 15. LUMBER SHALL COMPLY WITH THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION AND THE NATIONAL FOREST PRODUCTS ASSOCIATION'S NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION. ALL LUMBER SHALL BE PRESSURE TREATED AND SHALL BE STRUCTURAL GRADE NO. 2 OR BETTER.
- 16. WHERE ROOF PENETRATIONS ARE REQUIRED, THE CONTRACTOR SHALL CONTACT AND COORDINATE RELATED WORK WITH THE BUILDING OWNER AND THE EXISTING ROOF INSTALLER. WORK SHALL BE PERFORMED IN SUCH A MANNER AS TO NOT VOID THE EXISTING ROOF WARRANTY. ROOF SHALL BE WATERTIGHT.
- 17. ALL FIBERGLASS MEMBERS USED ARE AS MANUFACTURED BY STRONGWELL COMPANY OF BRISTOL, VA 24203. ALL DESIGN CRITERIA FOR THESE MEMBERS IS BASED ON INFORMATION PROVIDED IN THE DESIGN MANUAL. ALL REQUIREMENTS PUBLISHED IN SAID MANUAL MUST BE STRICTLY ADHERED TO.
- 18. NO MATERIALS TO BE ORDERED AND NO WORK TO BE COMPLETED UNTIL SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED IN WRITING.
- 19. SUBCONTRACTOR SHALL FIREPROOF ALL STEEL TO PRE-EXISTING CONDITIONS.

SPECIAL INSPECTIONS (REFERENCE IBC CHAPTER 17):

GENERAL: WHERE APPLICATION IS MADE FOR CONSTRUCTION, THE OWNER OR THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE ACTING AS THE OWNER'S AGENT SHALL EMPLOY ONE OR MORE APPROVED AGENCIES TO PERFORM INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED IN THE INSPECTION CHECKLIST ABOVE.

THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AND ENGINEERS OF RECORD INVOLVED IN THE DESIGN OF THE PROJECT ARE PERMITTED TO ACT AS THE APPROVED AGENCY AND THEIR PERSONNEL ARE PERMITTED TO ACT AS THE SPECIAL INSPECTOR FOR THE WORK DESIGNED BY THEM, PROVIDED THOSE PERSONNEL MEET THE QUALIFICATION REQUIREMENTS.

STATEMENT OF SPECIAL INSPECTIONS: THE APPLICANT SHALL SUBMIT A STATEMENT OF SPECIAL INSPECTIONS PREPARED BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE IN ACCORDANCE WITH SECTION 107.1 AS A CONDITION FOR ISSUANCE. THIS STATEMENT SHALL BE IN ACCORDANCE WITH SECTION 1705.

REPORT REQUIREMENT: SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THEY ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS SHALL BE SUBMITTED.

N/A FABRICATOR NDE INSPECTION REQUIRED PACKING SLIPS 3 ADDITIONAL TESTING AND INSPECTIONS: DURING CONSTRUCTION CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED STEEL INSPECTIONS N/A HIGH STRENGTH BOLT INSPECTIONS N/A HIGH WIND ZONE INSPECTIONS N/A FOUNDATION INSPECTIONS N/A FOUNDATION INSPECTIONS N/A CONCRETE COMP. STRENGTH, SLUMP TESTS AND PLACEMENT POST INSTALLED ANCHOR VERIFICATION OF VERIFICATION N/A GROUT VERIFICATION N/A CERTIFIED WELD INSPECTION N/A GROUT VERIFICATION N/A GROUT WIRE TENSION REPORT ADDITIONAL TESTING AND INSPECTIONS: STUB—UP INSTALLATION AFTER CONSTRUCTION CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)		CTION CHECKLIST			
INSPECTIONS ÁND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED REQUIRED REQUIRED REQUIRED MATERIAL SPECIFICATIONS REPORT N/A FABRICATOR NDE INSPECTION REQUIRED PACKING SLIPS 3 ADDITIONAL TESTING AND INSPECTIONS: DURING CONSTRUCTION CONSTRUCTION/INSTALLATION INSPECTIONS REQUIRED N/A REQUIRED STEEL INSPECTIONS REPORT ITEM REP		ONSTRUCTION			
REQUIRED MATERIAL SPECIFICATIONS REPORT N/A FABRICATOR NDE INSPECTION REQUIRED PACKING SLIPS 3 ADDITIONAL TESTING AND INSPECTIONS: DURING CONSTRUCTION CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED STEEL INSPECTIONS N/A HIGH WIND ZONE INSPECTIONS N/A HIGH WIND ZONE INSPECTIONS N/A FOUNDATION INSPECTIONS N/A CONCRETE COMP. STRENGTH, SLUMP TESTS AND PLACEMENT POST INSTALLED ANCHOR VERIFICATION N/A REQUIRED POST INSTALLED ANCHOR VERIFICATION N/A CERTIFIED WELD INSPECTION N/A GROUT VERIFICATION N/A GUY WIRE TENSION REPORT ADDITIONAL TESTING AND INSPECTIONS: STUB—UP INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS 6 N/A POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	INSPECTIONS AND TESTING REQUIRED (COMPLETED BY	REPORT ITEM			
REQUIRED ADDITIONAL TESTING AND INSPECTIONS: DURING CONSTRUCTION CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED N/A HIGH STRENGTH BOLT INSPECTIONS N/A HIGH WIND ZONE INSPECTIONS N/A FOUNDATION INSPECTIONS N/A CONCRETE COMP. STRENGTH, SLUMP TESTS AND PLACEMENT VERIFICATION N/A GROUT VERIFICATION N/A CERTIFIED WELD INSPECTION N/A CONSTRUCTION N/A GROUT VERIFICATION N/A CERTIFIED WELD INSPECTION N/A GUY WIRE TENSION REPORT ADDITIONAL TESTING AND INSPECTIONS: STUB—UP INSTALLATION INSPECTIONS REQUIRED REQUIRED MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS 6 REQUIRED N/A POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	REQUIRED				
REQUIRED PACKING SLIPS 3 ADDITIONAL TESTING AND INSPECTIONS: DURING CONSTRUCTION CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED STEEL INSPECTIONS N/A HIGH STRENGTH BOLT INSPECTIONS N/A HIGH WIND ZONE INSPECTIONS N/A FOUNDATION INSPECTIONS N/A CONCRETE COMP. STRENGTH, SLUMP TESTS AND PLACEMENT VERIFICATION S N/A GROUT VERIFICATION N/A GROUT VERIFICATION N/A CERTIFIED WELD INSPECTION N/A EARTHWORK: LIFT AND DENSITY N/A GUY WIRE TENSION REPORT ADDITIONAL TESTING AND INSPECTIONS: STUB—UP INSTALLATION INSPECTIONS CONSTRUCTION/INSTALLATION INSPECTIONS REQUIRED REPORT ITEM REPORT ITEM REPORT ITEM REPORT ITEM MODIFICATION INSPECTOR REPORT REPORT ITEM MODIFICATION INSPECTOR REPORT N/A POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	REQUIRED	MATERIAL SPECIFICATIONS REPORT			
ADDITIONAL TESTING AND INSPECTIONS: DURING CONSTRUCTION CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED STEEL INSPECTIONS N/A HIGH STRENGTH BOLT INSPECTIONS N/A HIGH WIND ZONE INSPECTIONS N/A FOUNDATION INSPECTIONS N/A CONCRETE COMP. STRENGTH, SLUMP TESTS AND PLACEMENT VERIFICATION REQUIRED POST INSTALLED ANCHOR VERIFICATION N/A GROUT VERIFICATION N/A CERTIFIED WELD INSPECTION N/A EARTHWORK: LIFT AND DENSITY ON SITE COLD GALVANIZING VERIFICATION N/A GUY WIRE TENSION REPORT ADDITIONAL TESTING AND INSPECTIONS: STUB—UP INSTALLATION INSPECTIONS CONSTRUCTION/INSTALLATION INSPECTIONS: STUB—UP INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS 6 N/A POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	N/A				
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED STEEL INSPECTIONS N/A HIGH STRENGTH BOLT INSPECTIONS N/A HIGH WIND ZONE INSPECTIONS N/A FOUNDATION INSPECTIONS N/A CONCRETE COMP. STRENGTH, SLUMP TESTS AND PLACEMENT POST INSTALLED ANCHOR VERIFICATION N/A GROUT VERIFICATION N/A CERTIFIED WELD INSPECTION N/A EARTHWORK: LIFT AND DENSITY ON SITE COLD GALVANIZING VERIFICATION N/A GUY WIRE TENSION REPORT ADDITIONAL TESTING AND INSPECTIONS: STUB—UP INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS 6 POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	REQUIRED	PACKING SLIPS 3			
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED STEEL INSPECTIONS N/A HIGH STRENGTH BOLT INSPECTIONS N/A HIGH WIND ZONE INSPECTIONS N/A FOUNDATION INSPECTIONS N/A CONCRETE COMP. STRENGTH, SLUMP TESTS AND PLACEMENT VERIFICATION VERIFICATION N/A GROUT VERIFICATION N/A CERTIFIED WELD INSPECTION N/A EARTHWORK: LIFT AND DENSITY N/A GUY WIRE TENSION REPORT ADDITIONAL TESTING AND INSPECTIONS: STUB—UP INSTALLATION INSPECTIONS CONSTRUCTION/INSTALLATION REPORT ITEM REQUIRED REQUIRED RECORD RECORD N/A POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED OR RECORD DRAWINGS 6 POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	ADDITIONAL TESTING AND INSP	PECTIONS:			
INSPECTIONS ÁND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED STEEL INSPECTIONS N/A HIGH STRENGTH BOLT INSPECTIONS N/A HIGH WIND ZONE INSPECTIONS N/A CONCRETE COMP. STRENGTH, SLUMP TESTS AND PLACEMENT POST INSTALLED ANCHOR VERIFICATION N/A GROUT VERIFICATION N/A CERTIFIED WELD INSPECTION N/A CERTIFIED WELD INSPECTION N/A CONSTRUCTION AFTER CONSTRUCTION CONSTRUCTION/INSTALLATION INSPECTIONS REQUIRED REQUIRED MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS 6 POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	DURING C	ONSTRUCTION			
N/A HIGH STRENGTH BOLT INSPECTIONS N/A HIGH WIND ZONE INSPECTIONS N/A FOUNDATION INSPECTIONS N/A CONCRETE COMP. STRENGTH, SLUMP TESTS AND PLACEMENT REQUIRED POST INSTALLED ANCHOR VERIFICATION N/A GROUT VERIFICATION N/A CERTIFIED WELD INSPECTION N/A EARTHWORK: LIFT AND DENSITY ON SITE COLD GALVANIZING VERIFICATION N/A GUY WIRE TENSION REPORT ADDITIONAL TESTING AND INSPECTIONS: STUB—UP INSTALLATION AFTER CONSTRUCTION CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS 6 N/A POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED REQUIRED PHOTOGRAPHS	INSPECTIONS AND TESTING REQUIRED (COMPLETED BY	REPORT ITEM			
N/A INSPECTIONS N/A HIGH WIND ZONE INSPECTIONS N/A FOUNDATION INSPECTIONS N/A CONCRETE COMP. STRENGTH, SLUMP TESTS AND PLACEMENT POST INSTALLED ANCHOR VERIFICATION VERIFICATION N/A GROUT VERIFICATION N/A CERTIFIED WELD INSPECTION N/A EARTHWORK: LIFT AND DENSITY N/A ON SITE COLD GALVANIZING VERIFICATION N/A GUY WIRE TENSION REPORT ADDITIONAL TESTING AND INSPECTIONS: STUB—UP INSTALLATION AFTER CONSTRUCTION CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS 6 POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	REQUIRED	STEEL INSPECTIONS			
N/A N/A FOUNDATION INSPECTIONS N/A CONCRETE COMP. STRENGTH, SLUMP TESTS AND PLACEMENT POST INSTALLED ANCHOR VERIFICATION N/A GROUT VERIFICATION N/A CERTIFIED WELD INSPECTION N/A CONSTRUCTION ON SITE COLD GALVANIZING VERIFICATION N/A GUY WIRE TENSION REPORT ADDITIONAL TESTING AND INSPECTIONS: STUB—UP INSTALLATION AFTER CONSTRUCTION CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS 6 POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	N/A	INSPECTIONS			
N/A CONCRETE COMP. STRENGTH, SLUMP TESTS AND PLACEMENT POST INSTALLED ANCHOR VERIFICATION N/A GROUT VERIFICATION N/A CERTIFIED WELD INSPECTION N/A CARTHWORK: LIFT AND DENSITY ON SITE COLD GALVANIZING VERIFICATION N/A GUY WIRE TENSION REPORT ADDITIONAL TESTING AND INSPECTIONS: STUB—UP INSTALLATION AFTER CONSTRUCTION CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS 6 POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	N/A	HIGH WIND ZONE INSPECTIONS			
REQUIRED POST INSTALLED ANCHOR VERIFICATION N/A GROUT VERIFICATION N/A CERTIFIED WELD INSPECTION N/A EARTHWORK: LIFT AND DENSITY ON SITE COLD GALVANIZING VERIFICATION N/A GUY WIRE TENSION REPORT ADDITIONAL TESTING AND INSPECTIONS: STUB—UP INSTALLATION CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS 6 POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	N/A	FOUNDATION INSPECTIONS			
N/A GROUT VERIFICATION N/A GROUT VERIFICATION N/A CERTIFIED WELD INSPECTION N/A EARTHWORK: LIFT AND DENSITY N/A ON SITE COLD GALVANIZING VERIFICATION N/A GUY WIRE TENSION REPORT ADDITIONAL TESTING AND INSPECTIONS: STUB—UP INSTALLATION AFTER CONSTRUCTION CONSTRUCTION/INSTALLATION REPORT ITEM CONSTRUCTION AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED OR RECORD OR RECORD DRAWINGS 6 N/A POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	N/A	SLUMP TESTS AND PLACEMENT			
N/A CERTIFIED WELD INSPECTION N/A EARTHWORK: LIFT AND DENSITY N/A ON SITE COLD GALVANIZING VERIFICATION N/A GUY WIRE TENSION REPORT ADDITIONAL TESTING AND INSPECTIONS: STUB—UP INSTALLATION CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS 6 N/A POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	REQUIRED				
N/A EARTHWORK: LIFT AND DENSITY N/A ON SITE COLD GALVANIZING VERIFICATION N/A GUY WIRE TENSION REPORT ADDITIONAL TESTING AND INSPECTIONS: STUB—UP INSTALLATION AFTER CONSTRUCTION CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS 6 N/A POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	N/A	GROUT VERIFICATION			
N/A ON SITE COLD GALVANIZING VERIFICATION N/A GUY WIRE TENSION REPORT ADDITIONAL TESTING AND INSPECTIONS: STUB—UP INSTALLATION AFTER CONSTRUCTION CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS 6 POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	N/A	CERTIFIED WELD INSPECTION			
N/A VERIFICATION N/A GUY WIRE TENSION REPORT ADDITIONAL TESTING AND INSPECTIONS: STUB—UP INSTALLATION AFTER CONSTRUCTION CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS 6 N/A POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	N/A	EARTHWORK: LIFT AND DENSITY			
ADDITIONAL TESTING AND INSPECTIONS: STUB—UP INSTALLATION AFTER CONSTRUCTION CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS 6 N/A POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	N/A				
AFTER CONSTRUCTION CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS ⁶ N/A POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	N/A	GUY WIRE TENSION REPORT			
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS ⁶ POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED PHOTOGRAPHS	ADDITIONAL TESTING AND INSP	PECTIONS: STUB-UP INSTALLATION			
INSPECTIONS ÁND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REQUIRED N/A POST INSTALLED ANCHOR PULL—OUT TESTING REQUIRED REPORT ITEM MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS ⁶ POST INSTALLED ANCHOR PULL—OUT TESTING PHOTOGRAPHS	AFTER CO	DNSTRUCTION			
OR RECORD DRAWINGS 6	INSPECTIONS AND TESTING REQUIRED (COMPLETED BY				
REQUIRED PHOTOGRAPHS	REQUIRED	OR RECORD DRAWINGS ⁶			
The state of the s	N/A				
ADDITIONAL TESTING AND INSPECTIONS:	REQUIRED	PHOTOGRAPHS			
	ADDITIONAL TESTING AND INSP	PECTIONS:			

SDECIAL INSDECTION CHECKLIST

NOTES:

- ALL CONNECTIONS TO BE SHOP WELDED & FIELD BOLTED USING 3/4"ø A325-X BOLTS, UNLESS OTHERWISE NOTIFIED.
 SHOP DRAWING ENGINEER REVIEW & APPROVAL REQUIRED
- BEFORE ORDERING MATERIAL.

 3. SHOP DRAWING ENGINEER REVIEW & APPROVAL REQUIRED PRIOR TO STEEL FABRICATION.
- VERIFICATION OF EXISTING ROOF CONSTRUCTION IS
 REQUIRED PRIOR TO THE INSTALLATION OF THE ROOF
 PLATFORM. ENGINEER OF RECORD IS TO APPROVE EXISTING
 CONDITIONS IN ORDER TO MOVE FORWARD.
- CENTERLINE OF PROPOSED STEEL PLATFORM SUPPORT COLUMNS TO BE CENTRALLY LOCATED OVER THE EXISTING BUILDING COLUMNS.
- EXISTING BRICK MASONRY COLUMNS/BEARING TO BE REPAIRED/REPLACED AT ALL PROPOSED PLATFORM SUPPORT POINTS. ENGINEER OF RECORD TO REVIEW AND APPROVE.

NOTES:

- REQUIRED FOR ANY <u>NEW</u> SHOP FABRICATED FRP OR STEEL.
 PROVIDED BY MANUFACTURER, REQUIRED IF HIGH STRENGTH BOLTS OR STEEL.
- 3. PROVIDED BY GENERAL CONTRACTOR; PROOF OF MATERIALS.
 4. HIGH WIND ZONE INSPECTION CATB 120MPH OR CAT C,D 110MPH INSPECT FRAMING OF WALLS, ANCHORING, FASTENING SCHEDULE.
- 5. ADHESIVE FOR REBAR AND ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308 FOR CRACKED CONCRETE AND SEISMIC APPLICATIONS. DESIGN ADHESIVE BOND STRENGTH HAS BEEN BASED ON ACI 355.4 TEMPERATURE CATEGORY B WITH INSTALLATIONS INTO DRY HOLES DRILLED USING A CARBIDE BIT INTO CRACKED CONCRETE THAT HAS CURED FOR AT LEAST 21 DAYS. ADHESIVE ANCHORS REQUIRING CERTIFIED INSTALLATIONS SHALL BE INSTALLED BY A CERTIFIED ADHESIVE ANCHOR INSTALLER PER ACI 318-11 D.9.2.2. INSTALLATIONS REQUIRING CERTIFIED INSTALLERS SHALL BE INSPECTED PER ACI 318-11 D.8.2.4.
- 6. AS REQUIRED; FOR ANY FIELD CHANGES TO THE ITEMS IN THIS TABLE.

HUDSON Design Group LLC

NORTH ANDOVER, MA 01845

TEL: (978) 557-5553 FAX: (978) 336-5586 **EMPIRE** telecom

16 ESQUIRE ROAD BILLERICA, MA 01862 TEL: (978) 608-8400 SITE NUMBER: ME5040 SITE NAME: MUNJOY HILL

211 CUMBERLAND AVENUE PORTLAND, ME 04101 CUMBERLAND COUNTY



	STATE OF MANAGEMENT OF THE STATE OF MANAGEMENT OF THE STATE OF MANAGEMENT OF THE STATE OF THE ST												
								NO. 12752	, IIII	AT&T			
0	11/28/17	ISSUED FOR	CONSTRUCTION		CL		20/			STRUCTURAL NOTES			
1	11/16/17	ISSUED FOR	REVIEW		CL	JC	100/	SS DNAL ENG		(LTE 6C/FN/2RRH)			
NO.	DATE		REVISIONS		BY	снк	APP'D	WINAL E	JOB NUMBER	DRAWING NUMBER	REV		
SCA	LE: AS SH	HOWN	DESIGNED BY: JC	DRAWN	N BY:	CL		**************************************	ME5040	SN-1	0		