

# GENERAL NOTES

### GENERAL

- ALL DRAWINGS SHALL BE USED IN CONJUNCTION WITH EACH OTHER TO COORDINATE WITH MECHANICAL, ELECTRICAL, PLUMBING AND SITE PLANS.
- CHECK ALL SHOP DRAWINGS FOR SLEEVES, DEPRESSIONS, AND PLUMBING DETAILS NOT SHOWN ON THESE DRAWINGS.
- AS A MINIMUM, CONSTRUCTION SHALL COMPLY WITH HILLSBOROUGH COUNTY, THE 2004 FLORIDA BUILDING CODE, ACI 318-92, ACI 350, 1986-89 AISI, AND LATEST AISC AND MBMA SPECIFICATIONS.
- ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE ON THE PROJECT, EXCEPT WHERE A DIFFERENT DETAIL IS SHOWN.
- ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. DO NOT SCALE THE DRAWINGS. FOLLOW WRITTEN DIMENSIONS ONLY. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH THE AFFECTED PART OF THE WORK.
- THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO INSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION.
- BUILDING ERECTION INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIEDOWNS.
- THE CONTRACTOR SHALL SUPPLEMENT THE MINIMUM REQUIRED FOUNDATION AND SITE PREPARATION REQUIREMENTS AND SLAB-ON-GRADE THICKNESS TO HANDLE CONSTRUCTION AND EQUIPMENT LOADS.
- FIELD VERIFY EXISTING BUILDING CONDITIONS, DIMENSIONS, SIZE, VOLTAGE, AND LOCATION OF UTILITIES PRIOR TO NEW OR REMODELING WORK.
- DEVIATIONS FROM DRAWINGS SHALL BE APPROVED BY THE ENGINEER.
- INFORM ENGINEER OF CONSTRUCTION CONFLICTS FOUND AMONG TRADES FOR ANY REQUIRED CHANGES FROM THESE DRAWINGS.

### DESIGN LOADS

- ROOF LIVE LOADS SHALL BE 12/20 PSF, AS PER THE 2004 FLORIDA BUILDING CODE SECTION 1607. IN ADDITION TO BUILDING WEIGHT, 3 PSF OF COLLATERAL DEAD LOAD SHALL BE APPLIED TO THE ROOF.
- WIND LOADS SHALL BE 120 MPH, APPLIED AS PER THE 2004 FLORIDA BUILDING CODE, SECTION 1609.
- WIND LOADS FOR COMPONENTS AND CLADDING SHALL BE AS SHOWN BELOW:

TRIBUTARY AREA (FT. <sup>2</sup> )	ROOF ZONE				WALL ZONE	
	1	2	3	4	5	6
10	46.3	84.6	84.6	52.7	62.3	
20	45.3	77.9	77.9	51.0	58.9	
50	44.1	69.0	69.0	48.7	54.4	
100	43.1	62.3	62.3	47.0	51.0	

NOTES:  
 1. WIND LOADS HAVE BEEN CALCULATED IN ACCORDANCE WITH ASCE 7-02. WIND VELOCITY OF 120 MPH, EXPOSURE C, PARTIALLY ENCLOSED BUILDING (GCP = ±0.55), IMPORTANCE FACTOR = 1.0.  
 2. CORNER DISTANCE IS EQUAL TO 3.0 FT.

### 4.- BUILDING DEFLECTIONS SHALL BE LIMITED TO:

FRAMES: L/240 FOR LIVE PLUS DEAD LOADS  
 H/180 FOR BUILDING DRIFT DUE TO WIND  
 L/180 FOR WIND PLUS DEAD LOADS  
 PURLINS: L/180 FOR LIVE PLUS DEAD LOADS  
 L/120 FOR WIND UPLIFT  
 WALL BEAMS / GIRTS: L/180 FOR WIND LOADS  
 STUDS: L/240 FOR WIND LOADS (OR INTERIOR LATERAL LOADS)

- INTERIOR WALL LATERAL/WIND LOADS SHALL BE 10 PSF.
- THE WIND UPLIFT ON PURLINS SHALL NOT TAKE INTO ACCOUNT THE 3 PSF OF COROLLARY DEAD LOAD.

### SHOP DRAWING REVIEW

- SHOP DRAWINGS SHALL BE REVIEWED FOR GENERAL COMPLIANCE WITH THE DESIGN INTENT OF THE CONTRACT DOCUMENTS ONLY.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY COMPLIANCE WITH THE CONTRACT DOCUMENTS AS TO QUANTITY, LENGTH, ELEVATIONS, DIMENSIONS, ETC.
- IN ALL INSTANCES, THE CONTRACT DOCUMENTS SHALL GOVERN THE SHOP DRAWINGS UNLESS OTHERWISE SPECIFIED IN WRITING BY THE ENGINEER.
- PRE-ENGINEERED BUILDING DESIGN AND DRAWINGS ARE THE RESPONSIBILITY OF THE METAL BUILDING MANUFACTURER.

### FOUNDATION/SITE PREPARATION

- FOOTINGS ARE DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 500 PSF, AS INDICATED IN THE GEOTECHNICAL REPORT PREPARED BY PSI, DATED 6/6/08.
- FOUNDATIONS AND SITE PREPARATION SHALL BE COMPLETED IN SUBSTANTIAL ACCORDANCE WITH STANDARD PRACTICES AND WITH THE RECOMMENDATIONS OF THE SUBSURFACE EXPLORATION SOILS REPORT.
- FOOTING EXCAVATIONS AND SLAB SUBGRADE SHALL BE COMPACTED TO A DRY DENSITY OF AT LEAST 98% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY, DETERMINED IN ACCORDANCE WITH ASTM D1557 OR AS INDICATED IN THE SOILS REPORT.
- THE CONTRACTOR SHALL RETAIN THE SERVICES OF AN INDEPENDENT GEOTECHNICAL ENGINEER TO VERIFY SUCCESSFUL COMPLETION OF SITE / FOUNDATION PREPARATION EFFORTS.
- LOCATIONS FAILING TO MEET THE GEOTECHNICAL ENGINEER'S REQUIREMENTS SHALL BE RECOMPACTED AND RETESTED AT THE CONTRACTOR'S EXPENSE, AND AS DIRECTED BY THE ENGINEER.
- WRITTEN CERTIFICATION THAT THE MINIMUM DESIGN BEARING CAPACITY, AND THAT THE COMPACTION REQUIREMENTS HAVE BEEN MET SHALL BE MADE BY THE GEOTECHNICAL ENGINEER.
- ALL SLABS AND FOOTINGS SHALL BE PLACED OVER A 6 MIL THICK VAPOR BARRIER MEMBRANE.
- THE FOUNDATION SIZES SHOWN ARE BASED ON ESTIMATED REACTIONS FOR THE PRE-ENGINEERED BUILDINGS AND ANTICIPATED EQUIPMENT LOADS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THE FOUNDATIONS ARE ADEQUATE FOR THE ACTUAL BUILDING REACTIONS AND EQUIPMENT. IF REQUIRED, THE CONTRACTOR SHALL PROVIDE REVISED FOUNDATIONS DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA.
- THE GEOTECHNICAL REPORT PREPARED BY PSI RECOMMENDED PLACING THE BUILDINGS ON PILES TO PREVENT POTENTIAL SETTLEMENT DUE TO POOR SOIL CONDITIONS. THE CLIENT HAS ELECTED FOR A MAT FOUNDATION DESIGN. BROADWAY ENGINEERING HAS DESIGNED THE MAT FOUNDATION BASED ON AN ALLOWED SOIL BEARING PRESSURE AS RECOMMENDED BY PSI. HOWEVER, DUE TO FIELD CONDITIONS, DIFFERENTIAL SETTLEMENT AND SLAB CRACKING MAY OCCUR.

### CONCRETE

- CONCRETE SHALL ACHIEVE MINIMUM 28 DAY COMPRESSIVE STRENGTHS AS LISTED BELOW:  
 4000 PSI FOR SLABS ON GRADE, AND FOOTINGS.
- CONCRETE SLUMP SHALL NOT EXCEED 4"±1" (EXCEPT FOR GROUTS).
- CONCRETE SHALL COMPLY WITH ALL THE REQUIREMENTS OF ACI 301 AND ASTM C94 FOR MEASURING, MIXING, TRANSPORTING, ETC.
- CONCRETE TICKETS SHALL BE STAMPED WHEN CONCRETE IS BATCHED.
- THE MAXIMUM TIME ALLOWED FROM THE TIME THE WATER IS ADDED TO CONCRETE UNTIL IT IS DEPOSITED IN ITS FINAL POSITION SHALL NOT EXCEED ONE AND ONE-HALF (1-1/2) HOURS.
- IF FOR ANY REASON THERE IS A LONGER DELAY THAN THAT STATED ABOVE, THE CONCRETE SHALL BE DISCARDED.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR'S RETAINED TESTING LAB TO NOTIFY THE OWNER'S REPRESENTATIVE AND THE ENGINEER OF ANY NONCOMPLIANCE WITH THE ABOVE.
- ALL CONCRETE SHALL BE CURED USING CURING COMPOUND MEETING ASTM STANDARD C309 TYPE I AND SHALL HAVE A FUGITIVE DYE.
- THE CURING COMPOUND SHALL BE PLACED AS SOON AS THE FINISHING IS COMPLETED OR AS SOON AS THE VISIBLE WATER HAS LEFT THE UNFINISHED CONCRETE.
- ALL SCUFFED OR BROKEN AREAS IN THE CURING MEMBRANE SHALL BE RECOATED DAILY.
- CALCIUM CHLORIDES SHALL NOT BE UTILIZED; OTHER ADMIXTURES MAY BE USED ONLY WITH THE APPROVAL OF THE ARCHITECT/ENGINEER.
- REQUIRED CONCRETE COVERAGE OVER REBAR SHALL BE AS FOLLOWS:  
 A: 3" FOR CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH.  
 B: FOR CONCRETE EXPOSED TO EARTH AND/OR WEATHER:  
 1-1/2" FOR #5 AND SMALLER  
 2" FOR #6 AND LARGER  
 C: FOR CONCRETE NOT EXPOSED TO EARTH OR WEATHER:  
 3/4" FOR SLABS, WALLS, AND JOISTS  
 1-1/2" FOR BEAM AND COLUMN PRIMARY REINF., TIES, AND STIRRUPS.
- EXPANSION/CONTRACTION JOINTS IN CONCRETE SHALL BE SEALED.

### FORMWORK

- FORMWORK, SHORING, AND BRACING FOR ALL CONCRETE BEAMS, SLABS, COLUMNS, AND WALLS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH ACI 347, "RECOMMENDED PRACTICE FOR CONCRETE FORMWORK".

### REINFORCING STEEL

- REBAR SHALL BE ASTM A615 GRADE 60 DEFORMED BARS, FREE FROM OIL, SCALE, AND RUST.
- REINFORCING BARS SHALL BE PLACED IN ACCORDANCE WITH THE TYPICAL BENDING DIAGRAM AND PLACING DETAILS OF THE ACI STANDARDS AND SPECIFICATIONS.
- HORIZONTAL AND VERTICAL BARS SHALL LAP A MINIMUM OF 5 X BAR NO. = INCHES, (40 BAR DIAMETERS) UNLESS OTHERWISE NOTED.

### WELDED WIRE MESH FIBERS

- WELDED WIRE MESH IF USED, SHALL BE ASTM A185, GRADE 65, FREE FROM OIL, SCALE, AND RUST.
- WIRE MESH SHALL BE PLACED IN ACCORDANCE WITH ACI DETAILS.
- MINIMUM WIRE MESH LAP SHALL BE ONE WIRE SPACE PLUS TWO INCHES.
- FIBER REINFORCED CONCRETE MAY BE USED AT SIDEWALKS AND ALL SLABS.

### STRUCTURAL STEEL

- THE MATERIAL, FABRICATION, AND ERECTION OF STRUCTURAL STEEL SHALL COMPLY WITH THE 9TH EDITION OF THE AISC SPECIFICATION BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
- STRUCTURAL STEEL SHALL BE ASTM A572 GRADE 50.
- STRUCTURAL TUBING SHALL BE ASTM A500, GRADE B, Fy = 46 KSI.
- STRUCTURAL PIPE SHALL BE ASTM A53, GRADE B, TYPE E OR S, Fy = 36 KSI.
- PIPE BOLLARDS SHALL BE CONCRETE-FILLED.
- CAST-IN-PLACE ANCHOR BOLTS AT COLUMN BASES SHALL BE ASTM A307 BOLTS.
- EXPANSION HEAD ANCHOR BOLTS SHALL BE AS MANUFACTURED BY HILTI, RED HEAD, RAMSET, OR EQUAL.
- FRAMING BOLTS SHALL BE ASTM A325-N BOLTS WITH WASHERS UNDER THE TURNED NUT.
- BOLTS SHALL BE TIGHTENED IN ACCORDANCE WITH THE TURN-OF-THE-NUT METHOD.
- WELDING SHALL BE DONE BY AWS CERTIFIED WELDERS USING THE MOST RECENT AWS APPROVED TECHNIQUES.
- SHIELDED METAL ARC WELDING (SMAW) SHALL USE E70XX LOW-HYDROGEN ELECTRODES AND WELDED IN ACCORDANCE TO AWS SPECIFICATIONS.
- ALL STEEL SHALL RECEIVE SHOP AND FIELD TOUCH-UP COATS OF PAINT IN ACCORDANCE WITH SSPC SPECIFICATIONS.

### PRE-ENGINEERED METAL BUILDING SYSTEM

- PRE-ENGINEERED BUILDING, ROOFING PANELS, PURLINS, AND GIRTS SHALL BE STANDARD COMPONENTS AS MANUFACTURED AND SUPPLIED BY VARCO-PRUDEN, STAR BUILDINGS, AMERICAN BUILDING COMPANY OR EQUAL.
- PRE-ENGINEERED STEEL FRAMED CONNECTIONS SHALL BE DESIGNED AS TYPE II FRAMING AS DEFINED BY THE MANUAL OF STEEL CONSTRUCTION (AISC) AND METAL BUILDING MANUFACTURER ASSOCIATION STANDARDS (MBMA).
- PRE-ENGINEERED METAL BUILDING FRAMES SHALL BE DESIGNED AND DETAILED FOR THE SUPERIMPOSED LOADS, DEFLECTIONS, NET UPLIFT, AND LATERAL WIND LOADS SPECIFIED IN THESE NOTES.
- ANY PERMANENT OR TEMPORARY BRACING NECESSARY TO DEVELOP THE STRENGTH OF THE FRAMES, TRUSSES, PURLINS, AND MISCELLANEOUS FRAMING FOR THE LOADS REFERENCED ABOVE SHALL BE DETAILED ON THE ERECTION DRAWINGS.
- CONTRACTOR SHALL SUBMIT ERECTION/FRAMING DRAWINGS OF ALL PRE-ENGINEERED BUILDING COMPONENTS FOR BUILDING PERMIT AND TO ENGINEER FOR REVIEW PRIOR TO FABRICATION.
- ERECTION DRAWINGS SHALL SHOW MEMBER SIZES USING STANDARD NOMENCLATURE AND DESIGNATIONS, CONNECTION DETAILS, DIMENSIONS, AND SUCH OTHER INFORMATION NECESSARY FOR THE SUCCESSFUL ERECTION, FIELD INSPECTION, AND COMPLETION OF THE BUILDING.
- ALL FRAMES, TRUSSES, COLUMNS, PURLINS, GIRTS, CABLES, BRACING RODS, AND THEIR CONNECTIONS SHALL BE DESIGNED BY A SPECIALTY ENGINEER RETAINED BY THE METAL BUILDING MANUFACTURER.
- THE SHOP/FRAMING DRAWING SUBMITTAL SHALL INCLUDE DESIGN CALCULATIONS OF INDIVIDUAL COMPONENTS, ASSEMBLAGES, AND CONNECTIONS.
- ALL ERECTION DRAWINGS AND DESIGN CALCULATIONS SHALL BE SIGNED AND SEALED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF FLORIDA.
- ALL PRIMARY FRAMING BOLTED CONNECTIONS SHALL BE INSPECTED AND RANDOMLY TESTED BY A TESTING LABORATORY RETAINED BY THE CONTRACTOR.

### TERMITE PROTECTION

- A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR RE-INSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL IN ACCORDANCE WITH 2004 FLORIDA BUILDING CODE SECTION 104.2.6.
- CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS IN ACCORDANCE WITH 2004 FLORIDA BUILDING CODE SECTION 1503.4.4.
- IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" OF THE BUILDING SIDE WALLS IN ACCORDANCE WITH 2004 FLORIDA BUILDING CODE SECTION 1503.4.4.
- TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERING AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6 INCHES. EXCEPTION: PAINT OR DECORATIVE CEMENTITIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL IN ACCORDANCE WITH 2004 FLORIDA BUILDING CODE SECTION 1403.1.6.
- INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE IN ACCORDANCE WITH 2004 FLORIDA BUILDING CODE SECTION 1816.1.1.
- SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RE-TREATED INCLUDING SPACES BOXED OR FORMED IN ACCORDANCE WITH 2004 FLORIDA BUILDING CODE SECTION 1816.1.2.
- BOXED AREAS IN CONCRETE FLOORS FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT IN ACCORDANCE WITH 2004 FLORIDA BUILDING CODE SECTION 1816.1.3.
- MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACE MENT, RE-TREATMENT IS REQUIRED IN ACCORDANCE WITH 2004 FLORIDA BUILDING CODE SECTION 1816.1.4.
- CONCRETE OVER-POUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT IN ACCORDANCE WITH 2004 FLORIDA BUILDING CODE SECTION 1816.1.5.
- SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS IN ACCORDANCE WITH 2004 FLORIDA BUILDING CODE SECTION 1816.1.6.
- AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RE-TREATED IN ACCORDANCE WITH 2004 FLORIDA BUILDING CODE SECTION 1816.1.6.
- ALL BUILDINGS ARE REQUIRED TO HAVE PRE-CONSTRUCTION TREATMENT IN ACCORDANCE WITH 2004 FLORIDA BUILDING CODE SECTION 1816.1.7.
- A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES IN ACCORDANCE WITH 2004 FLORIDA BUILDING CODE SECTION 1816.1.7.
- AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL IN ACCORDANCE WITH 2004 FLORIDA BUILDING CODE SECTION 2303.1.3.
- NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING IN ACCORDANCE WITH 2004 FLORIDA BUILDING CODE SECTION 2303.1.4.

### BUILDING CODE ANALYSIS

BUILDING CODE: 2004 FLORIDA BUILDING CODE W/ 2006 REVISIONS  
 OCCUPANCY GROUP: S-1, FBC SECTION 311  
 BUILDING TYPE: TYPE II-B, UNPROTECTED, UNSPRINKLERED  
 BUILDING USE: STORAGE  
 MAX. HT. ALLOWED: 3 STORIES (FBC TABLE 503)  
 BUILDING HT.: 1 STORY, 19.0 FT.  
 MAX. AREA ALLOWED: 17,500 SQ. FT. (FBC TABLE 503)  
 BUILDING AREA: 1,200 SQ. FT. (STORAGE BLDG.), 1,500 SQ. FT. (BLOWER BLDG.)  
 DIST. FROM PROPERTY LINE: >30 FT.  
 % OPENINGS ALLOWED: NO LIMIT (FBC TABLE 704.8)

FLORIDA PRODUCT APPROVAL					
PRODUCT CATEGORY	SUB-CATEGORY	MANUFACTURER	STATE OF FLORIDA APPROVAL NO.	DATE VALIDATED	NOA EXPIRATION DATE
PANEL WALLS	OTHER	VP BUILDINGS, INC.	FL1878	6/23/04	7/1/07
ROOFING	OTHER	VP BUILDINGS, INC.	FL1868	6/23/04	4/24/08
EXTERIOR DOORS	SWINGING EXTERIOR DOOR ASSEMBLIES	CECO DOOR PRODUCTS	FL4553	5/27/08	9/18/08
EXTERIOR DOORS	ROLL-UP EXTERIOR DOOR ASSEMBLIES	CECO DOOR PRODUCTS	FL2485	8/2/05	9/16/09
WINDOWS	SINGLE HUNG	WINCO WINDOW COMPANY	FL8458	9/25/07	-
PANEL WALLS	WALL LOUVER	GREENHECK FAN CORP.	FL6876	11/20/07	9/6/11

### NOTES:

- PANEL WALLS, ROOFING, AND PRE-ENGINEERED BUILDING DETAILS ARE SHOWN ON PRE-ENGINEERED BUILDING DRAWINGS.
- SEE SHEETS S-8 - S-10 FOR PRODUCT APPROVAL DATA.

REV	DATE	DESCRIPTION	BY
1	4/15/10	REVISED FOR THE RECORD	

DRAWING TITLE  
**BLOWER/STORAGE BUILDINGS  
 GENERAL NOTES**  
 PROJECT:  
**SOUTHEAST COUNTY LANDFILL  
 LANDFILL GAS COLLECTION  
 AND CONTROL SYSTEM**

CLIENT  
**HILLSBOROUGH COUNTY  
 SOLID WASTE  
 MANAGEMENT DEPARTMENT  
 TAMPA, FLORIDA**

CADD FILE:  
**BE-3531 - S-7**  
 DATE:  
**JULY 2008**  
 SCALE:  
**N.T.S.**  
 DRAWING NO.

**BROADWAY ENGINEERING, P.A.**  
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**BE-3531** Certificate of Authorization No. 4599

**RECORD DRAWING**  
 DATE: APRIL 15, 2010

ELIZABETH A. BROADWAY  
 PROFESSIONAL ENGINEER  
 FLORIDA REGISTRATION NO. 38558

FLORIDA DEPARTMENT OF  
 ENVIRONMENTAL PROTECTION  
**APR 16 2010**  
 SOUTHWEST DISTRICT  
 TAMPA

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