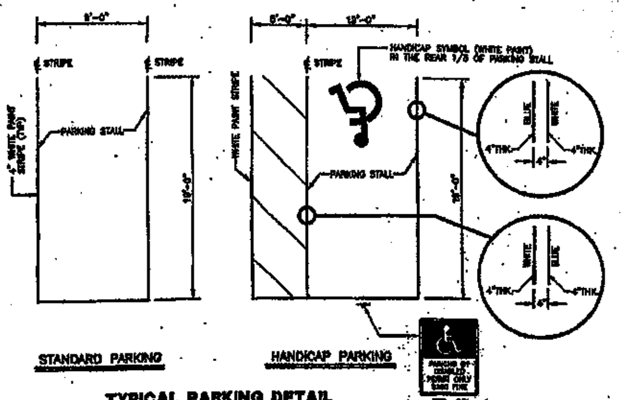


TYPICAL PARKING DETAIL
N.T.S.

LEGEND

LIMITS OF CONC. SIDEWALKS, PORCHES & PADS
LIMITS OF ASPH. PAVEMENT, LIMEROCK BASE & SUBGRADE
EXIST. PROPERTY LINE, SITE BOUNDARY
CENTERLINE

PARKING SPACES — REQUIRED — PROVIDED

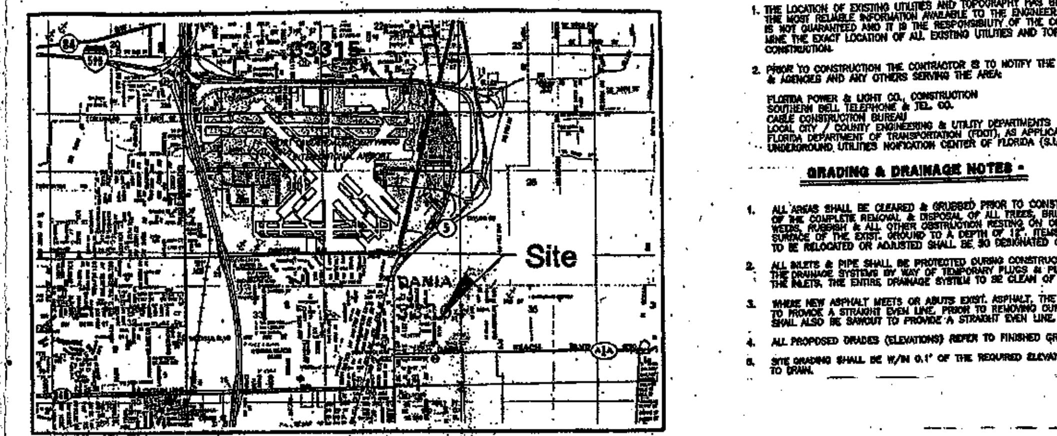
EXISTING Regular 188 Spaces, Handicapped 7 = TOTAL 195 Spaces
REQUIRED HANDICAPPED: 6 SPACES

ASSEMBLY
CHURCH (470 Seats + 8,343 Sq Ft.)
1 Space per 4 Seats= 470/4 = 118 + 1 per 1,000 Sq. Ft. = + 9 = 127 Spaces
MEETING ROOM 6,720 Sq. Ft. Seats 1 PER 1,000SQ FT = 7 Spaces
RECTORY 1 per offices = 5 offices = 5 Spaces
ADDED Day Care =
1 Space per 150 Sq. Ft.= 4,032 Sq. Ft. / 150 sq. Ft. = 27 Spaces

TOTAL REQUIRED = 166 Spaces

LEGAL DESCRIPTION: AMENDED PLAT OF A PORTION OF HARBOR LAWNS NO. 1 according to the plat thereof, as recorded in Plat Book 34, Page 5 of the Public Records of Broward County, Florida.

ADDRESS: 441 N.E. 2nd Street
Dania Beach, Florida



SITE LOCATION MAP
SCALE: N.T.S.

SCALE: 1"=40'-0"

GENERAL CONDITION NOTES :

1. THE LOCATION OF EXISTING UTILITIES AND TOPOGRAPHY HAS BEEN PREPARED FROM THE MOST RELIABLE INFORMATION AVAILABLE TO THE ENGINEER. THIS INFORMATION IS NOT GUARANTEED AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES AND TOPOGRAPHY PRIOR TO CONSTRUCTION.
2. PRIOR TO CONSTRUCTION THE CONTRACTOR IS TO NOTIFY THE FOLLOWING COMPANIES & AGENCIES AND ANY OTHERS SERVING THE AREA:

FLORIDA POWER & LIGHT CO., CONSTRUCTION
SOUTHERN BELL TELEPHONE & TEL. CO.
CABLE CONSTRUCTION BUREAU
LOCAL CITY / COUNTY ENGINEERING & UTILITY DEPARTMENTS
FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT), AS APPLICABLE
UNDERGROUND UTILITIES NOFICATION CENTER OF FLORIDA (S.U.N.S.H.I.N.E.)

GRADING & DRAINAGE NOTES -

1. ALL AREAS SHALL BE CLEARED & GRUBBED PRIOR TO CONSTRUCTION. THIS SHALL CONSIST OF THE COMPLETE REMOVAL & DISPOSAL OF ALL TREES, BRUSH, STUMPS, ROOTS, GRASS, WEEDS, RUBBISH & ALL OTHER OBSTRUCTION RESTING ON OR PROTRUDING THROUGH THE SURFACE OF THE EXIST. GROUND TO A DEPTH OF 12". ITEMS DESIGNATED TO REMAIN OR TO BE RELOCATED OR ADJUSTED SHALL BE SO DESIGNATED ON THE DWGS.
2. ALL INLETS & PIPE SHALL BE PROTECTED DURING CONSTRUCTION TO PREVENT SILTATION IN THE DRAINAGE SYSTEMS BY WAY OF TEMPORARY PLUGS & PLYWOOD OR PLASTIC COVERS OVER THE INLETS. THE ENTIRE DRAINAGE SYSTEM TO BE CLEAN OF DEBRIS PRIOR TO FINAL ACCEPTANCE.
3. WHERE NEW ASPHALT MEETS OR ABUTS EXIST. ASPHALT, THE EXIST. ASPHALT SHALL BE SAWCUT TO PROVIDE A STRAIGHT EVEN LINE. PRIOR TO REMOVING CURB OR GUTTER, THE ADJACENT ASPHALT SHALL ALSO BE SAWCUT TO PROVIDE A STRAIGHT EVEN LINE.
4. ALL PROPOSED GRADES (ELEVATIONS) REFER TO FINISHED GRADES (SEE PLAN DWG.)
5. SITE GRADING SHALL BE W/IN 0.1' OF THE REQUIRED ELEVATION & ALL AREAS SHALL BE GRADED TO DRAIN.

SITE DATA:

Total Site : 462,150 Square feet = 10.609 Acres

Buildings:Total = 21,791 Square Feet
Rector
Church
Metal

Walkways: = 7,750 Square Feet

Pavement : 91,000 Square Feet Vehicular Use Area

Green Areas: 341,609 Square Feet = 7.842 Acres

Lot Coverage: 25,823 Square feet / 462,150 square Feet = 9.0559 %

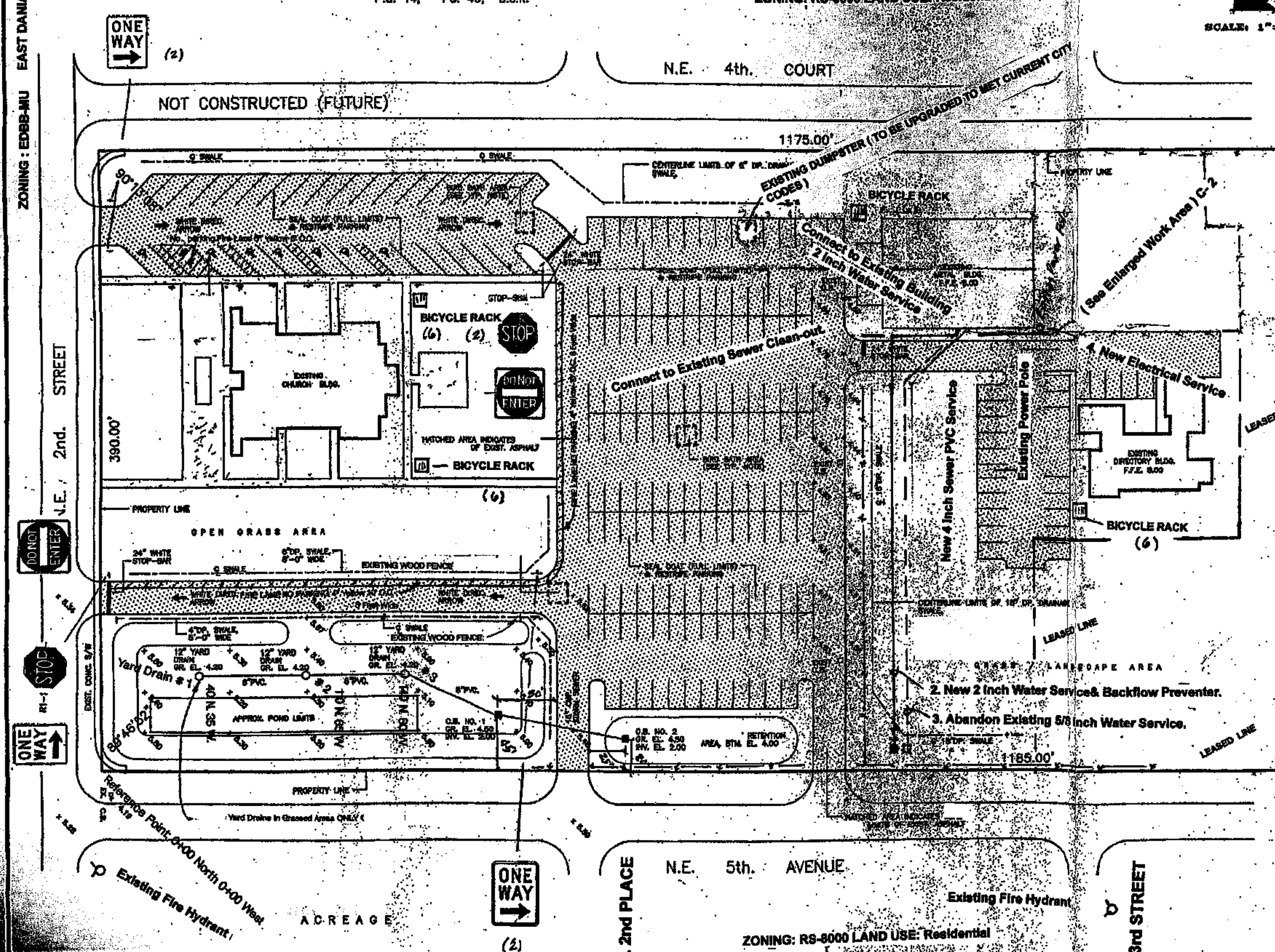
NEW ADDITION

3 Modular Classrooms 24 Ft X 56 Ft .= 1,344 Square Feet Each = 4,032 Square Feet

New Total Buildings = 25,823 Square Feet
New Green Areas = 337,577 Square Feet = 7.749 Acres

HARBOR LAWNS NO. ONE
P.B. 14, PG. 46, B.C.R.

ZONING: RS-8000 LAND USE: Residential



ZONING: RS-8000 LAND USE: Residential

Church
Current Zoning RS-8000
Non-Conforming Use

89°46'52"

1. Three (3) New Day Care Modular Classrooms with wood ramps & paver meeting area.
5. Re-sod and Re-Landscape Construction areas.
6. New six (6) Foot high Chainlink fencing with gates.

SITE CALCULATIONS

GROSS
Resurrection Church = 390 Feet By 1185 feet = 462,150 square Feet = 10.609 Acres

N.E. 2nd Street - 1/2 Right of way = 390 Feet By 25 Feet = 9,750 Square Feet

N.E. 4th Court - 1/2 Right of way = 1185 Feet By 25 Feet = 29,625 Square Feet

N.E. 5th Avenue - 1/2 Right of way = 1185 Feet By 30 Feet = 35,550 Square Feet

SUB -TOTAL = 74,925 Square Feet

GRAND TOTAL = 537,075 Square Feet = 12.329 Acres

DANIA CUT-OFF CANAL
390.00'
ZONING: I-G Industrial

SCOPE OF WORK

1. Three (3) New Day Care Modular Classrooms with wood ramps & paver meeting area.
2. New 2 Inch Water Service& Backflow Preventer.
3. Abandon Existing 5/8 Inch Water Service.
4. New Electrical Service Up[Grade/
5. Re-sod and Re-Landscape Construction areas.
6. New six (6) Foot high Chainlink fencing with gates.

Existing Fire Hydrant

Provided Lot Setbacks:

CHURCH	
Front: (N.E 2nd St.)	79.34 Feet
Side: (N.E 4th Ct.)	161.10 feet
(N.E. 5th Ave.)	185.13 Feet
RECTORY	
Rear: Dania Cut-off Canal	475.00 Feet
MODULAR CLASSROOMS	
Side:	10 feet
	After Vacation N.E. 4th Court - 35 Feet
Rear: With Megayachts	15 Feet

ALL STREET SIGNS SHALL BE NEW.

RECEIVED
SEP 09 2015
BY:

CHARLES O. BUCKALEW, P.E.
FLORIDA REG. NO. 24842

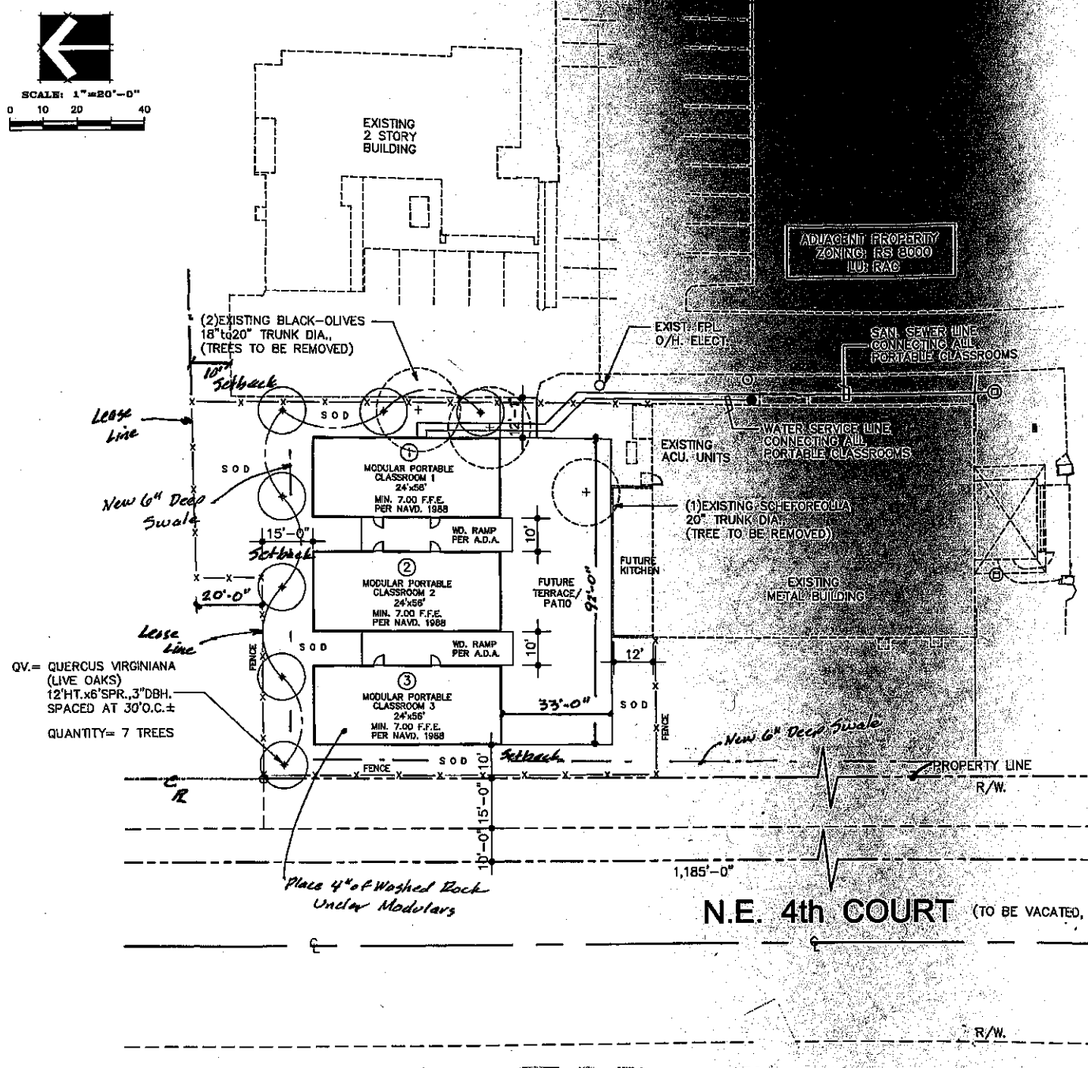
REVISIONS :
7-1-15 Rev. Per City SP Comments
7-30-15 Rev Per City Comments

Charles O. Buckalew
Consulting Engineering Services, Inc.
801 South Ocean Drive, Suite 201
Hollywood, Florida 33019
C.O.A. Number 6205
Tele. : (954) 568-1189 Fax. : (954) 920-8688

PROJECT : **CHURCH OF THE RESURRECTION**
N.E. 2nd. STREET, CITY OF DANIA, BROWARD COUNTY, FLORIDA

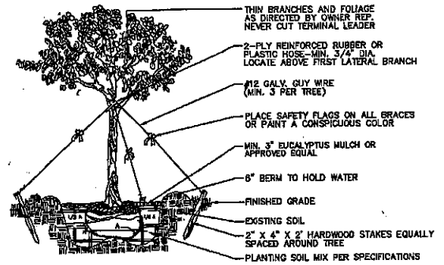
DRWG. TITLE : **SITE ENGINEERING PLAN**

DATE:	JAN., 2002
SCALE:	1"=40'-0"
DWG. BY:	C.R.W.
CHK'D. BY:	C.O.B.
JOB NO.:	02-15
SHEET NO.	C-1



NOTES :

1. All proposed material shall be Florida No. 1 or better as noted in specifications.
2. No substitutions will be accepted without prior written approval and acceptance by the Owner or his representative, or Landscape Architect.
3. Materials to be hand-selected at the discretion of the Owner or his representative.
4. All work shall proceed in a professional manner in accordance with standard nursery and installation practices.
5. Quantities on plant list are for convenience only. Landscape Contractor is responsible for all plants shown on planting plans. When discrepancies occur between plant list and planting plans, the plans are to override the plant list in all cases. Contractor is responsible for confirming sod quantities and certifying such to the Owner or his representative.
6. Contractor is responsible for locating all underground utilities prior to digging. Notify the Owner or his representative, immediately regarding discrepancies or conflicts.
7. All trees to be staked and guyed as detailed.
8. No double or multi-trunk trees unless otherwise specified.
9. Minimum 4' clear trunk on all 12' trees.
10. Landscape Contractor to notify the Owner or his representative, at least three (3) working days prior to beginning any steps of work.
11. All planting beds to receive 3" deep shredded mulch per specifications.
12. Owner or engineer to be immediately notified of any discrepancies found in the field, and for approval of any alternates prior to purchase or installation.
13. Face of trees and palms to be located a minimum of 2'-0" off all sidewalks, paths or other paved surfaces.
14. The Owner or his representative, reserves the right to field adjust plant material on-site to avoid conflicts or discrepancies not anticipated in the planning process.
15. All existing asphalt base material to be removed from planting areas and replaced with clean top soil prior to planting. Final grade within planting areas to be 2" below adjacent paved areas or top of curb.
16. Landscape Contractor is responsible for verifying that clean top soil, meeting the attached specifications, exists in each planting bed prior to planting. Contractor shall add or amend top soil if necessary. Tree pits shall be backfilled as noted in attached specifications.



LARGE TREE PLANTING DETAIL

NOTES :

1. EXISTING DUMPSTER (TO BE UPGRADED TO MET CURRENT C CODES)
2. MODULAR CLASSROOM PHOTOMETRICS (TO MET CURRENT CIT CODES)

Y) computations: TOTAL SITE — Mega yachts
(1) Gross and Net: 12.329 & 10.609 Ac. Remains 6.053 Ac. — 5.226 Ac & 4.556 Ac.
1/2 RW 5th Ave=137' ÷ 458.24' X 30' = 17,857.20 Sq Ft.
1/2 RW 4 Ct.= 457.88' X 25 ' = 11,447.00 Sq. Ft. Total= 0.6727 Ac.

(6) Lot Coverage by buildings : Shown.
Net= 0.0659 % with Mega yachts = 0.0979 %
(7) Pervious and impervious areas: Shown.
Pervious =7.749 Ac with Mega yachts = 3.193 Acres
Impervious = Bldg. 25823 + Walks 7,750 + Pavement 91,000 = 124,573 SQ. FT. = 2.859 Acres

C.O.B. 6.3.15

CHARLES O. BUCKALEW, P.E.
FLORIDA REG. NO. 24842

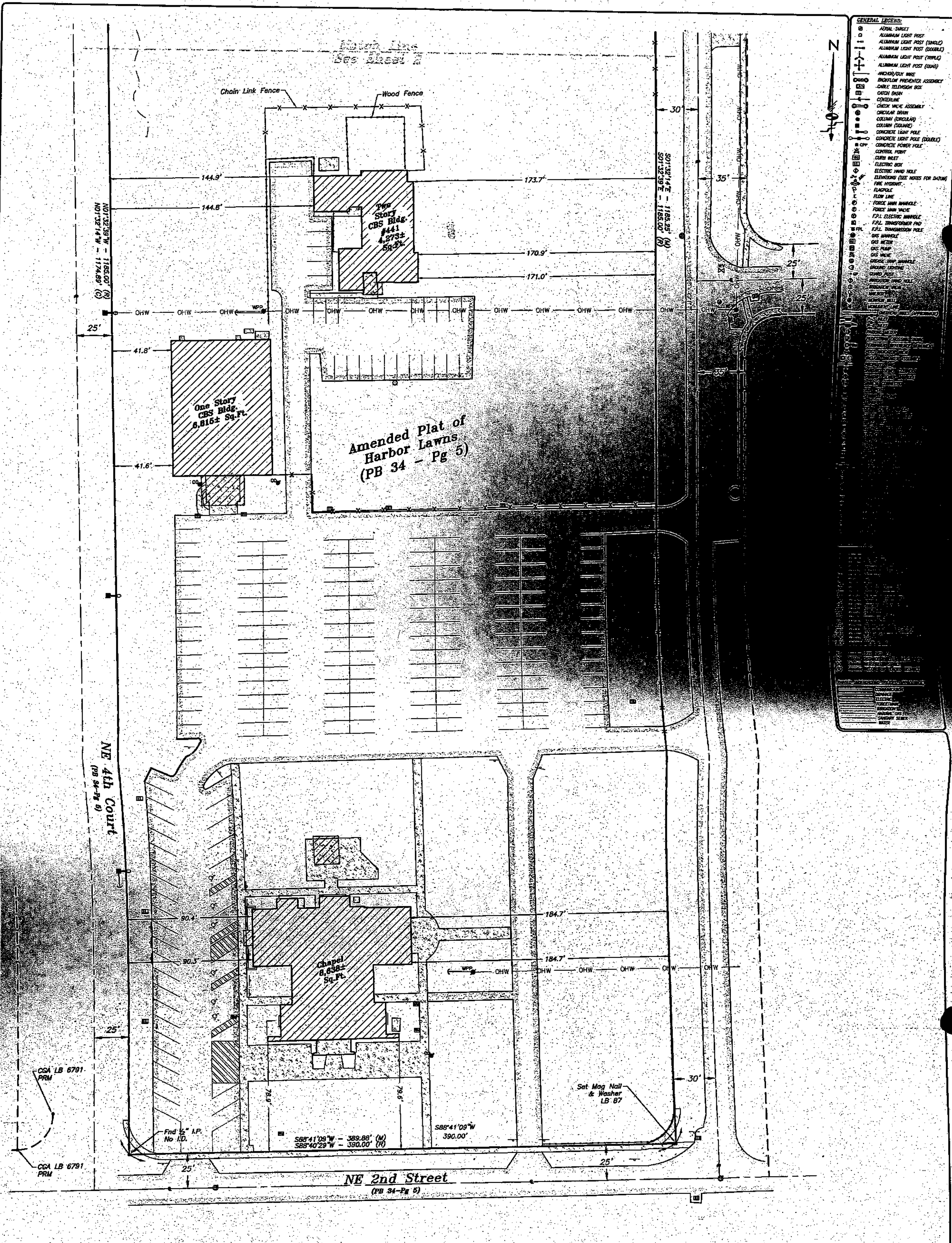
REVISIONS :
7-1-15 Rev.
Per City Comments
7-30-15 Rev
Per City Comments

Charles O. Buckalew
Consulting Engineering Services, Inc.
801 South Ocean Drive, Suite 201
Hollywood, Florida 33019
C.O.A. Number 6255
Tele. : (954) 558-1189 Fax. : (954) 929-8988

PROJECT : CHURCH OF THE RESURRECTION
N.E. 2nd. STREET, CITY OF DANIA BEACH, BROWARD COUNTY, FLORIDA

DRWG. TITLE : MODULAR CLASSROOM SITE PLAN

DATE: JUNE, 2015
SCALE: 1"=20'-0"
DWG. BY: C.R.W.
CHK'D. BY: C.O.B.
JOB NO.: 15-172
SHEET NO.
C-2



LEGAL DESCRIPTION:
All of the "Amended Plat of a Portion of Harbor Lawns No. 1", according to the Plat thereof, as recorded in Plat Book 34, at Page 5, of the Public Records of Broward County, Florida;

SURVEYOR'S CERTIFICATION:
I hereby certify that this "Boundary Survey" of the property described hereon is true and correct to the best of my knowledge and belief as recently surveyed and drawn under my supervision and direction. This survey complies with the minimum technical standards adopted by the Florida State Board of Surveyors and Mappers pursuant to Chapter 5j–17, Florida Administrative Code.

Schwebke-Shiskin & Associates, Inc.

Mark Steven Johnson
Professional Land Surveyor #4775
State of Florida

30 0 15 30 60
1 INCH = 30 FEET

SURVEYOR'S NOTES:

1) Bearings shown hereon refer to an assumed bearing of S 88° 41' 09" W, along the South line of the subject property.
2) Legal description provided by client.
3) Property as shown hereon contains 10.611± Acres (462,199± Sq.Ft.)
4) Unless otherwise noted, this firm has not attempted to locate footings and/or foundations.
5) Ordered by: ARCHDIOCESE
6) This survey was prepared for the exclusive use of the entities named hereon. The attached certification does not extend to any unnamed parties.
7) Property shown hereon falls within Federal Flood Zone X & Federal Flood Hazard Zone "AE" (Base Flood Elevation 6) per Flood Insurance Rate Map No. 12011C0567H & Flood Insurance Rate Map No. 12011C0309, Community No. 120034, Panel No. 0567, Suffix H, of Maps dated August 18, 2014. Index Map dated August 18, 2014.
8) Visible indicators of utilities are shown hereon, however, no attempt has been made to locate underground items.
9) Distances along boundary of subject property are record and measured unless otherwise stated.
10) This survey is subject to easements, rights of way, and other matters that me be discovered in a search of title of the subject lands.
11) Elevations shown hereon relate to North American Vertical Datum of 1988 (N.A.V.D. 1988).
12) Benchmarks :
   a) N.G.S. B.M. "D-239"; Bench Mark Disc in bridge abutment
   Elevation = 17.38' N.G.V.D. 1929
   b) N.G.S. B.M. "BRO 1 FLDNR"; The NE corner of a 9.4' X 4.7' conc. foundation box for a water meter main. Mark bears 33.1 feet S. of the CL of NE 2nd st, 59.5' SE of the CL of NE 5th ave, 85' E. of the NE corner of the fence around the parking lot for the Dania Jai Alai .
   Elevation = 5.36' N.G.V.D. 1929

FILE NO. B-1966

REVISIONS

Date:	Order No.	Field Book	Remarks:	By:
07/28/15	204461	BC 588-21	Update Survey	CSJ

BOUNDARY SURVEY

Section 34, Township 50 South, Range 42 East, Broward County, Florida

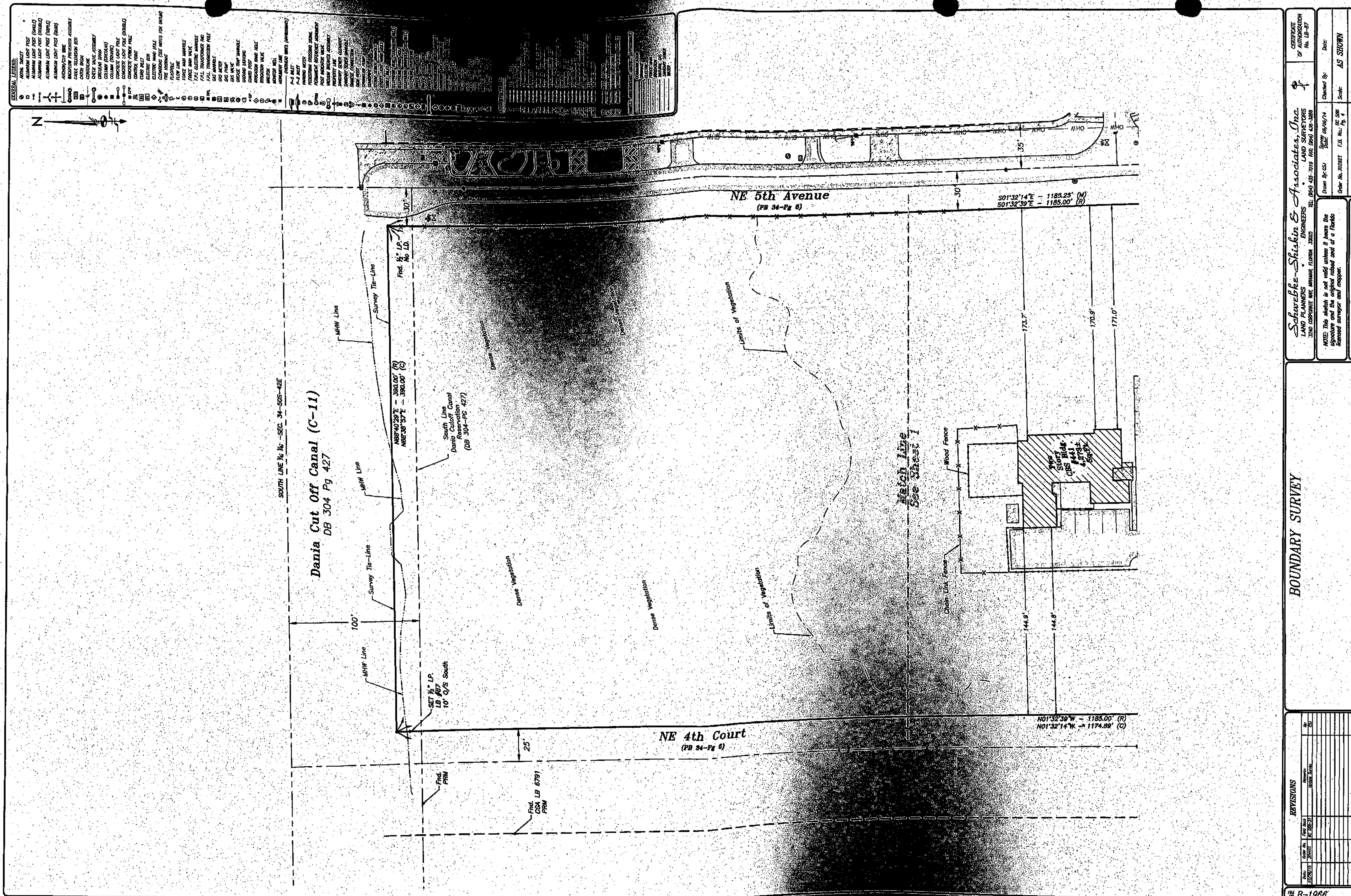
Schwebke-Shiskin & Associates, Inc.
LAND PLANNERS • ENGINEERS • LAND SURVEYORS
3240 CORPORATE WAY, MIRAMAR, FLORIDA 33025 TEL: (954) 435-7010 FAX: (954) 438-3288

CERTIFICATE OF AUTHORIZATION No. LB-87

NOTE: This sketch is not valid unless it bears the signature and the original raised seal of a Florida licensed surveyor and mapper.

This is a "Boundary Survey"

Drawn By: CSJ	Survey Date: 06/06/14	Checked By:	Date:
Order No. 202823	F.B. No.: BC 588, Pg. 4	Scale:	AS SHOWN
File No.	B-1966	Sheet 1 of 2	Sheet(s)



GENERAL LEGEND
NE 5th Avenue
(PB 34-Pg 6)
S01°32'14"E - 1185.25' (M)
S01°32'39"E - 1185.00' (R)
35'
30'
Fnd. ½" I.P. No I.D.
Survey Tie-Line
MHW Line
N88°40'29"E - 390.00' (R)
N88°38'57"E - 390.00' (C)
South Line Dania Cutoff Canal Reservation (DB 304-PG 427)
SOUTH LINE ¼ ¼ -SEC. 34-50S-42E
Dania Cut Off Canal (C-11)
DB 304 Pg 427
100'
SET ½" I.P. LB #87 10' O/S South
Dense Vegetation
Limits of Vegetation
Match Line See Sheet 1
Wood Fence
Chain Link Fence
173.7'
170.9'
171.0'
144.9'
144.8'
NE 4th Court
(PB 34-Pg 6)
25'
N01°32'39"W - 1185.00' (R)
N01°32'14"W - 1174.89' (C)
Fnd. PRM
Fnd. CSA LB 6791 PRM
CERTIFICATE OF AUTHORIZATION No. LB-87
Schwebke-Shiskin & Associates, Inc.
LAND PLANNERS • ENGINEERS • LAND SURVEYORS
3240 CORPORATE WAY, MIRAMAR, FLORIDA 33025 TEL: (954) 435-7010 FAX: (954) 438-3288
NOTE: This sketch is not valid unless it bears the signature and the original raised seal of a Florida licensed surveyor and mapper.
This is a "Boundary Survey"
Drawn By: CSJ
Survey Date: 06/06/14
Checked By:
Date:
Order No. 202823
F.B. No.: BC 588 Pg. 4
Scale: AS SHOWN
File No. B-1966
Sheet 2 of 2 Sheet(s)
BOUNDARY SURVEY
Section 34, Township 50 South, Range 42 East, Broward County, Florida
REVISIONS
Date: 07/28/15
Order No. 204461
Field Book BC 588-21
Remarks: Update Survey
By: CSJ
File No. B-1966

Southeast Modular Manufacturing

2500 INDUSTRIAL STREET
LEESBURG, FLORIDA 34748

MODULAR STRUCTURE
FOR: MOBILE MODULAR
2-UNIT M-PLEX CLASSROOM W/HALL (HVHZ)
FORT LAUDERDALE, FLORIDA

PROJECT HISTORY
START DATE: 04/10/14
CUSTOMER CHANGES: 04/14/14
3rd Party Comments: 04/30/14

DRAWING INDEX

SHEET	DESCRIPTION
1	COVER SHEET
2	MATERIAL SCHEDULE & ELEVATIONS
3	FLOOR/ELECTRICAL/HVAC PLAN
4	CROSS SECTION & DETAILS

MOBILE MODULAR
2-UNIT M-PLEX EDUCTIONAL W/HALL (HVHZ)
SN: 18706-18707
COVER SHEET

SITE INSTALLED ITEMS:

NOTE THAT THIS LIST DOES NOT NECESSARILY LIMIT THE ITEMS OF WORK AND MATERIALS THAT MAY BE REQUIRED FOR A COMPLETE INSTALLATION. ALL SITE RELATED ITEMS ARE SUBJECT TO LOCAL JURISDICTION APPROVAL.

1. THE COMPLETE FOUNDATION SUPPORT AND TIE DOWN SYSTEM.
2. RAMPS, ELEVATOR, STAIRS AND GENERAL ACCESS TO THE BUILDING.
3. PORTABLE FIRE EXTINGUISHER(S).
4. BUILDING DRAINS, CLEANOUTS, AND HOOK-UP TO THE PLUMBING SYSTEM.
5. ELECTRICAL SERVICE HOOK-UP (INCLUDING FEEDERS) TO THE BUILDING.
6. THE MAIN ELECTRICAL PANEL AND SUB-FEEDERS.
7. CONNECTIONS OF ELECTRICAL CIRCUITS CROSSING OVER MODULE MATING LINE(S) – (MULTI-UNITS ONLY).
8. STRUCTURAL AND AESTHETIC INTERCONNECTIONS BETWEEN MODULES (MULTI-UNITS ONLY).
9. EXTERIOR GLAZING & DOOR PROTECTION.
10. ALL SIGNS UNLESS OTHERWISE SPECIFIED.
11. MOP SINK AND DRINKING FOUNTAIN WHEN NOT SHOWN ON FLOOR PLAN.
12. EXIT DISCHARGE LIGHTING
13. GUTTERS AND DOWNSPOUTS
14. HURRICANE SHUTTERS
15. FIRE ALARM DEVICES
16. MARKER BOARDS CROSSING MATE LINES

FLORIDA STRUCTURAL LOAD LIMITATION
(FBC 1606.1.7)

FLOOR LIVE LOAD:		
A. 100 PSF		
B. 1,000 Lb.. CONCENTRATED LOAD OVER 30"X30" AREA LOCATED ANYWHERE ON FLOOR		
ROOF LIVE LOAD:		
A. 30 PSF		
BUILDING ENCLOSURE: ENCLOSED		
ROOF SNOW LOAD: N/A		
WIND LOAD:		
A. 175 MPH (HVHZ)		WIND SPEED (VULT) (3 SEC GUST)
136 MPH (HVHZ)		NOMINAL WIND SPEED (VASD)
B. Iw= 1.0		WIND IMPORTANCE FACTOR
BUILDING RISK CATEGORY = II (ASCE 7-10)		
C. C		WIND EXPOSURE CATEGORY
D. GCpi =	0.18	INTERNAL PRESSURE COEFFICIENT
ROOF COMPONENT & CLADDING LOAD -		
ROOF (10 SF)		
FOR ROOF ANGLE=		0 TO 7 DEGREES
E. Pr=	ZONE 1 =	-40.11 PSF
(VASD)	ZONE 2 =	-67.28 PSF
	ZONE 3 =	-101.28 PSF
WALL COMPONENT & CLADDING LOAD (DOORS/WINDOWS)		
G. Pw=	ZONE 4 =	-43.49 PSF
(VASD)	ZONE 5 =	-53.67 PSF
H. THIS BUILDING IS NOT DESIGNED FOR PLACEMENT ON THE UPPER HALF OF A HILL OR ESCARPMENT EXCEEDING 15 FEET IN HEIGHT.		
SEISMIC LOAD:	N/A	
FLOOD LOAD:		
THIS BUILDING IS NOT DESIGNED TO BE SUBMERGED BELOW THE BASE FLOOD ELEVATION IN A FLOOD HAZARD AREA.		

THIS BUILDING HAS BEEN DESIGNED FOR USE IN HIGH VELOCITY HURRICANE ZONES (HVHZ). HVHZ ZONES CONSIST OF BROWARD AND MIAMI-DADE COUNTIES

GENERAL NOTES:

1. ALL CONSTRUCTION, MATERIALS, AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE CODES SPECIFIED ON THESE DRAWINGS.
2. ALL MATERIALS USED IN THE CONSTRUCTION OF THE BUILDING WHICH ARE COVERED BY THE FLORIDA BUILDING COMMISSION RULE 61G 20-3.006 SHALL HAVE CURRENT FLORIDA PRODUCT APPROVAL.
3. PLAN REVIEW AND INSPECTION REQUIRED BY CHAPTER 633 F.S. SHALL BE DONE ON SITE BY LOCAL FIRE SAFETY INSPECTOR.
4. THESE PLANS INCLUDE DESIGN FOR THE FACTORY BUILT PORTION OF THE MODULAR STRUCTURE AND PORTIONS OF THE SITE BUILT CONSTRUCTION. THESE PLANS AND DESIGN PLANS FOR ALL ELEMENTS DESIGNATED TO BE DESIGNED BY OTHERS AND/OR SITE INSTALLED MUST BE SUBMITTED TO AND REVIEWED BY THE DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE (DESIGNER OF RECORD) FOR COMPATIBILITY WITH THE DESIGN OF THE OVERALL BUILDING PROJECT AS REQUIRED BY THE APPLICABLE CODES AND LAWS.
5. REFER TO MANUFACTURER'S APPROVED SYSTEMS PACKAGE FOR ADDITIONAL CONSTRUCTION DETAILS AND SPECIFICATIONS NOT INCLUDED IN THESE PLANS.
6. REFER TO ENERGY CODE COMPLIANCE FORM AND/OR HEAT LOSS AND GAIN CALCULATIONS FOR ADDITIONAL ENERGY CODE CONSTRUCTION REQUIREMENTS NOT INCLUDED IN THESE PLANS.
7. ALL DOORS SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OR EFFORT. MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS SHALL NOT BE USED.
8. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.
9. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR FINISH SHALL BE CLASS B.
10. PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED BY OTHERS AS REQUIRED BY NFPA 10.
11. ALL GLAZING WITHIN A 48 INCH ARC OF DOORS WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR AND ALL GLAZING IN DOORS SHALL BE SAFETY, TEMPERED, OR ACRYLIC PLASTIC SHEET
12. ALL STEEL STRAPS REFERENCED ON FLOOR PLAN SHALL BE 1.5 INCH x 20 GA. WITH 6 – 10d NAILS EACH END OF STRAP OR EQUIVALENT FROM RIDGE BEAM TO COLUMN, AND COLUMN TO FLOOR. STRAPPING MUST BE TESTED AND/OR CERTIFIED TO VERIFY THE STRUCTURAL CAPACITY. APPROPRIATE DOCUMENTATION MUST BE ON FILE AT THE MODULAR BUILDING FACTORY.
13. THIS BUILDING REQUIRES A FIRE SEPARATION DISTANCE OF >10'-0" BASED ON TABLE 602 AND SECTION 704 OF THE FLORIDA BUILDING CODE AND/OR INTERNATIONAL BUILDING CODE IS SUBJECT TO APPROVAL BY LOCAL JURISDICTION
14. WHERE THE LIVE LOADS FOR WHICH EACH FLOOR OF PORTION THEREOF IS DESIGNED TO EXCEED 50 PSF, SUCH DESIGN LIVE LOAD SHALL BE CONSPICUOUSLY POSTED BY THE BUILDING OWNER IN THAT STORY WHERE THEY APPLY, USING DURABLE SIGNS.
15. FIRE SAFETY PLAN REVIEW & INSPECTION IS RESERVED FOR THE LOCAL AUTHORITY HAVING JURISDICTION.
16. WINDOWS AND DOORS MUST BE CERTIFIED FOR COMPLIANCE WITH THE WIND DESIGN PRESSURE FOR COMPONENTS AND CLADDING.
17. THESE PLANS COMPLY WITH THE LATEST FBC CHANGE, DATED APRIL 25, 2013.
18. THIS BUILDING SHALL NOT BE LOCATED WITHIN A DISTANCE OF 600 FEET OF INLAND BODIES OF WATER THAT PRESENT A FETCH OF 1 MILE OR MORE OF INLAND WATERWAYS OR RIVERS WITH A WIDTH OF ONE MILE.
19. THIS BUILDING SHALL NOT BE LOCATED TO THE SEAWARD SIDE OF THE COASTAL CONSTRUCTION LINE.
20. IF THIS BUILDING IS LOCATED IN A WIND BORNE DEBRIS REGION ALL GLAZING SHALL BE PROTECTED WITH AN IMPACT RESISTANT COVERING, OR GLAZING SHALL BE IMPACT RATED, WHICH IS ALSO DESIGNED TO RESIST THE APPLICABLE WIND PRESSURES OR WINDOWS SHALL BE IMPACT RATED. THIS COVERING IS DESIGNED BY OTHERS, SITE INSTALLED AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
WIND BORNE DEBRIS REGIONS INCLUDE THE FOLLOWING:
A. AREAS WITHIN ONE MILE OF THE COASTAL MEAN HIGH WATER LINE WHERE THE ULTIMATE WIND SPEED IS EQUAL TO OR GREATER THAN 130 MPH, OR
B. AREAS WHERE THE ULTIMATE WIND SPEED IS EQUAL TO OR GREATER THAN 140 MPH.
BUILDING HAS IMPACT RATED WINDOWS
21. THE FLOOR AND ROOF DESIGN OF THIS PLAN IS "LIGHT-FRAME TRUSS-TYPE CONSTRUCTION" AS REFERENCED IN FAC RULE 69A-3.012(6). POSTING OF NOTICE SIGN(S) AS REQUIRED BY FAC RULE 69A-3.012(6) SHALL BE SITE SUPPLIED AND INSTALLED AND IS THE RESPONSIBILITY OF THE BUILDING OWNER.
22. WHEN LOW SIDES OF ROOF PROVIDE LESS THAN 6" OF OVERHANG, GUTTERS AND DOWN SPOUTS SHALL BE SITE INSTALLED, DESIGNED BY OTHERS, SUBJECT TO LOCAL JURISDICTION APPROVAL.

ACCESSIBILITY NOTES:

1. ACCESS TO BUILDING FOR PERSONS IN WHEELCHAIRS IS DESIGNED BY AND FIELD BUILT BY OTHERS AND SUBJECT TO LOCAL JURISDICTION. THE PRIMARY ENTRANCE AND REQUIRED EXITS MUST BE ACCESSIBLE.
2. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN SHALL BE DISPLAYED AT ALL ACCESSIBLE RESTROOM FACILITIES AND AT ACCESSIBLE BUILDING ENTRANCES UNLESS ALL ENTRANCES ARE ACCESSIBLE. INACCESSIBLE ENTRANCES SHALL HAVE DIRECTIONAL SIGNS INDICATING THE ROUTE TO THE NEAREST ACCESSIBLE ENTRANCE. AT LEAST 50% OF ALL PUBLIC ENTRANCES MUST BE ACCESSIBLE.
3. ACCESSIBLE DRINKING FOUNTAINS SHALL HAVE A SPOUT HEIGHT NO HIGHER THAN 36 INCHES ABOVE THE FLOOR AND EDGE OF BASIN NO HIGHER THAN 34 INCHES ABOVE THE FLOOR FOR INDIVIDUALS IN WHEELCHAIRS. ADDITIONALLY, DRINKING WATER PROVISIONS SHALL BE MADE FOR INDIVIDUALS WHO HAVE DIFFICULTY IN BENDING WITH SPOUT HEIGHT NO LOWER THAN 38 INCHES AND NO HIGHER THAN 43 INCHES ABOVE THE FLOOR.
4. WHERE STORAGE FACILITIES SUCH AS CABINETS, SHELVES, CLOSETS, AND DRAWERS ARE PROVIDED AT LEASE ONE OF EACH TYPE PROVIDED SHALL CONTAIN STORAGE SPACE COMPLYING WITH THE FOLLOWING: DOORS, ETC. TO SUCH SPACES SHALL BE ACCESSIBLE (i.e. TOUCH LATCHES, U-SHAPED PULLS). SPACES SHALL BE WITHIN 15 INCHES MINIMUM AND 48 INCHES MAXIMUM OF THE FLOOR FOR FORWARD REACH OR 15 INCHES MINIMUM AND 48 INCHES MAXIMUM OF THE FLOOR FOR SIDE REACH. CLOTHES RODS SHALL BE A MAXIMUM OF 48 INCHES ABOVE THE FLOOR (46 INCHES MAXIMUM WHEN DISTANCE FROM WHEELCHAIR TO ROD EXCEEDS 10 INCHES).
5. CONTROLS, DISPENSERS, RECEPTACLES AND OTHER OPERABLE EQUIPMENT SHALL BE NO HIGHER THAN 44 INCHES ABOVE THE FLOOR FOR FRONT APPROACH OR 48 INCHES ABOVE THE FLOOR FOR SIDE APPROACH. RECEPTACLES ON WALLS SHALL BE MOUNTED NO LESS THAN 15 INCHES ABOVE THE FLOOR. EXCEPTION: HEIGHT LIMITATIONS DO NOT APPLY WHERE THE USE OF SPECIAL EQUIPMENT DICTATES OTHERWISE OR WHERE ELECTRICAL RECEPTACLES ARE NOT NORMALLY INTENDED FOR USE BY BUILDING OCCUPANTS.
6. WHERE EMERGENCY WARNING SYSTEMS ARE PROVIDED, THEY SHALL INCLUDE BOTH AUDIBLE AND VISUAL ALARMS. THE VISUAL ALARMS SHALL BE LOCATED THROUGHOUT, INCLUDING RESTROOMS, AND PLACED 80 INCHES ABOVE THE FLOOR OR 6 INCHES BELOW CEILING, WHICHEVER IS LOWER.
7. DOORS TO ALL ACCESSIBLE SPACES SHALL HAVE ACCESSIBLE HARDWARE (i.e. LEVER-OPERATED, PUSH-TYPE, U-SHAPED) MOUNTED NO HIGHER THAN 48 INCHES ABOVE THE FLOOR.
8. FLOOR SURFACES SHALL BE STABLE, FIRM, AND SLIP-RESISTANT. CHANGES IN LEVEL BETWEEN 0.25 INCH AND 0.5 INCH SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. CHANGES IN LEVEL GREATER THAN 0.5 INCH REQUIRE RAMPS. CARPET PILE THICKNESS SHALL BE 0.5 INCH MAX. GRATINGS IN FLOOR SHALL BE SPACES NO GREATER THAN 0.5 INCH WIDE IN ONE DIRECTION. DOORWAY THRESHOLDS SHALL NOT EXCEED 0.5 INCH IN HEIGHT.
9. ALL DOORS SHALL BE OPENABLE BY A SINGLE EFFORT. THE MAXIMUM FORCE REQUIRED TO OPEN A DOOR SHALL NOT EXCEED 8.5 LBS. FOR EXTERIOR SWINGING DOORS AND 5 LBS. FOR ALL SLIDING, FOLDING, AND INTERIOR SWINGING DOORS.
10. ACCESSIBLE WATER CLOSETS SHALL BE 17 INCHES TO 19 INCHES FROM THE FLOOR TO THE TOP OF THE SEAT. GRAB BARS SHALL BE 36 INCHES LONG MINIMUM WHEN LOCATED BEHIND WATER CLOSET AND 42 INCHES MINIMUM WHEN LOCATED ALONG SIDE OF WATER CLOSET, AND SHALL BE MOUNTED AT 33 INCHES TO 36 INCHES FROM THE FLOOR TO THE CENTERLINE OF THE BAR. SIDE WALL GRAB BARS SHALL BE MOUNTED WITH THE FAR END LOCATED A MAXIMUM OF 12 INCHES FROM THE WALL BEHIND THE WATER CLOSET.
11. ACCESSIBLE LAVATORIES SHALL BE MOUNTED WITH THE RIM NO HIGHER THAN 34 INCHES ABOVE THE FLOOR AND A CLEARANCE OF AT LEAST 29 INCHES ABOVE THE FLOOR TO THE BOTTOM OF THE APRON.
12. ACCESSIBLE SINKS SHALL BE MOUNTED WITH THE RIM NO HIGHER THAN 34 INCHES ABOVE THE FLOOR AND A CLEARANCE OF AT LEAST 27 INCHES HIGH, 30 INCHES WIDE, AND 19 INCHES DEEP UNDERNEATH SINK. THE SINK DEPTH SHALL BE 6.5 INCHES MAXIMUM.
13. HOT WATER AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. INSULATION OR PROTECTION MATERIALS MAY BE SITE INSTALLED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER ACCESSIBLE LAVATORIES AND SINKS.
14. ACCESSIBLE LAVATORIES AND SINKS SHALL HAVE ACCESSIBLE FAUCETS (i.e. LEVER-OPERATED, PUSH-TYPE, ELECTRONICALLY CONTROLLED).
15. WHERE MIRRORS ARE PROVIDED IN RESTROOMS, AT LEAST ON SHALL BE PROVIDED WITH ITS REFLECTIVE EDGE NO HIGHER THAN 40 INCHES ABOVE THE FLOOR IF ABOVE LAVATORY OR 35" IN OPEN AREA.
16. GRAB BARS REQUIRED FOR ACCESSIBILITY SHALL BE 1.25 INCH TO 1.5 INCHES IN DIAMETER WITH 1.5 INCHES OF CLEAR SPACE BETWEEN THE BAR AND THE WALL.
17. TOILET PAPER DESPENSERS SHALL BE INSTALLED WITHIN REACH AND MOUNTED 15 INCHES MIN. AND 48 INCHES MAX. ABOVE THE FLOOR TO THE CENTERLINE OF THE DESPENSER. DISPENSERS THAT CONTROL DELIVERY, OR THAT DO NOT PERMIT CONTINUOUS FLOW, SHALL NOT BE USED.
18. WATER CLOSET FLUSH CONTROL SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREA.
19. A TOWEL DISPENSER SHALL BE LOCATED ADJACENT TO ALL ACCESSIBLE LAVATORIES.

ELECTRICAL NOTES:

1. ALL EQUIPMENT SHALL BE LISTED BY UL FOR THE APPLICATION FOR WHICH IT IS USED AND ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE LISTING.
2. ALL CIRCUITS AND EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH THE APPROPRIATE ARTICLES OF THE NATIONAL ELECTRICAL CODE (NEC).
3. WHEN LIGHT FIXTURES ARE INSTALLED IN CLOSETS THEY SHALL BE SURFACE MOUNTED OR RECESSED. INCANDESCENT FIXTURES SHALL HAVE COMPLETELY ENCLOSED LAMPS. SURFACE MOUNTED INCANDESCENT FIXTURES SHALL HAVE A MINIMUM CLEARANCE OF 12 INCHES AND ALL OTHER FIXTURES SHALL BE A MINIMUM CLEARANCE OF 6 INCHES FROM "STORAGE AREA" AS DEFINED BY NEC 410-8(a).
4. WHEN WATER HEATERS ARE INSTALLED THEY SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE WATER HEATERS SERVED. THE BRANCH CIRCUIT SWITCH OR CIRCUIT BREAKER SHALL BE PERMITTED TO SERVE AS THE DISCONNECTING MEANS ONLY WHERE THE SWITCH OR CIRCUIT BREAKER IS WITHIN SIGHT FROM THE WATER HEATER OR IS CAPABLE OR BEING LOCATED IN THE OPEN POSITION.
5. HVAC EQUIPMENT SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE EQUIPMENT SERVED. A UNIT SWITCH WITH A MARKED "OFF" POSITION THAT IS A PART OF THE HVAC EQUIPMENT AND DISCONNECTS ALL UNGROUNDED CONDUCTORS SHALL BE PERMITTED AS THE DISCONNECTING MEANS WHERE OTHER DISCONNECTING MEANS ARE ALSO PROVIDED BY A READILY ACCESSIBLE CIRCUIT BREAKER.
6. PRIOR TO ENERGIZING THE ELECTRICAL SYSTEM THE INTERRUPTING RATING OF THE MAIN BREAKER MUST BE DESIGNED AND VERIFIED AS BEING IN COMPLIANCE WITH SECTION 110-9 OF THE NEC BY LOCAL ELECTRICAL CONSULTANT.
7. THE MAIN ELECTRICAL PANEL AND FEEDERS ARE DESIGNED BY OTHERS, SITE INSTALLED AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
8. ALL CIRCUITS CROSSING OVER MODULE MATING LINE(S) SHALL BE SITE CONNECTED WITH APPROVED ACCESSIBLE JUNCTION BOXES OR CABLE CONNECTORS.
8. ALL RECEPTACLES INSTALLED IN WET LOCATIONS (EXTERIOR) SHALL BE WEATHER RESISTANT & IN WEATHER PROOF (WP) ENCLOSURES, THE INTEGRITY OF WHICH IS NOT AFFECTED WHEN AN ATTACHMENT PLUG CAP IS INSERTED OR REMOVED.
9. ALL EXTERIOR LIGHTS SHALL BE EQUIPPED WITH PHOTOCELLS FOR AUTOMATIC SHUT-OFF WHEN DAYLIGHT IS AVAILABLE.
10. EMERGENCY LIGHTING SHALL BE CAPABLE OF PROVIDING INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOT-CANDLE (fc) AND A MINIMUM OF 0.1 fc MEASURED ALONG THE PATH OF EGRESS AT THE FLOOR LEVEL. ILLUMINATION LEVELS SHALL BE PERMITTED TO DECLINE TO 0.6 fc AVERAGE AND A MINIMUM AT ANY POINT OF 0.06 fc AT THE END OF THE EMERGENCY LIGHT TIME DURATION. A MAXIMUM-TO-MINIMUM ILLUMINATION UNIFORMITY RATIO OF 40 TO 1 SHALL NOT BE EXCEEDED. THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES.
11. INTERIOR LIGHTING SHALL BE CONTROLLED BY OCCUPANT SENSORS THAT TURN OFF THE LIGHTING WITHIN 30 MINUTES OF AN OCCUPANT LEAVING THE SPACE IN ALL OF THE FOLLOWING AREAS:
A. ALL ROOMS IN BUILDINGS THAT EXCEED 5000 SQUARE FEET IN AREA EXCEPT FOR LIGHTING INTENDED FOR 24 HOUR OPERATION, LIGHTING IN SPACES WHERE PATIENT CARE IS RENDERED, AND SPACES WHERE AUTOMATIC SHUT-OFF WOULD ENDANGER THE SAFETY OR SECURITY OF THE ROOM OR BUILDING OCCUPANT(S):
B. THE FOLLOWING ROOMS IN BUILDINGS OF 5000 SQUARE FEET OR LESS IN AREA: CONFERENCE AND MEETING ROOMS, EMPLOYEE LUNCH OR BREAK ROOMS, CLASSROOMS (NOT INCLUDING SHOP CLASSROOMS, LABORATORY CLASSROOMS AND CLASSROOMS FOR PRESCHOOL THROUGH THE 12TH GRADE).
12. WHEN NOT SHOWN ON THE PLANS PROVISIONS FOR EXIT DISCHARGE LIGHTING (INCLUDING EXIT DISCHARGE EMERGENCY LIGHTING) ARE DESIGNED BY OTHERS AND THE RESPONSIBILITY OF THE BUILDING OWNER AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
14. FIRE ALARM PULL STATION OPERABLE DEVICE SHALL BE LOCATED 42 TO 45 INCHES ABOVE THE FLOOR. FIRE ALARM HORN/STROBE DEVISE SHALL BE WALL MOUNTED WITH THE BOTTOM EDGE 80 INCHES ABOVE THE FLOOR. THE BUILDING'S FIRE ALARM SYSTEM (PROTECTIVE SIGNALING SYSTEM, FIRE DETECTION SYSTEMS, ETC.) SHALL BE DESIGNED IN ACCORDANCE WITH NFPA 101 AND NFPA 72 AND BE SITE INSTALLED BY OTHERS AND SUBJECT TO LOCAL BUILDING OFFICIAL REVIEW AND APPROVAL. THE FIRE ALARM CONTROL PANEL MUST BE INSTALLED IN A HIGHLY VISIBLE LOCATION ACCEPTABLE TO THE LOCAL AUTHORITY HAVING JURISDICTION (THE FACP CANNOT BE ISTALLED IN A CLOSET OR BATHROOM).

MECHANICAL NOTES:

1. ALL SUPPLY AIR REGISTERS SHALL BE 24 INCHES x 24 INCHES ADJUSTABLE WITH 15 INCHES x 7 INCHES (INSIDE) OVERHEAD FIBERGLASS DUCT, UNLESS OTHERWISE SPECIFIED. DUCTS IN UNCONDITIONED SPACES SHALL HAVE R-4.2 MINIMUM INSULATION EXCEPT DUCTS EXPOSED TO VENTILATED ATTICS AND CRAWL SPACES SHALL HAVE R-6 INSULATION.
2. INTERIOR DOORS SHALL BE UNDERCUT 1.5 INCHES ABOVE FINISHED FLOOR FOR AIR RETURN AND OR AS NOTED ON FLOOR PLAN, EXCEPT DOORS LOCATED IN FIRE RATED PARTITIONS SHALL NOT BE UNDERCUT.
3. RESTROOM VENT FANS SHALL PROVIDE 50 CFM OR MORE EXHAUST PER WATER CLOSET OR URINAL, UNLESS OTHERWISE SPECIFIED ON PLANS.
4. VENT FANS SHALL BE DUCTED TO THE EXTERIOR AND TERMINATE AT AN APPROVED VENT CAP.
5. HVAC EQUIPMENT SHALL BE EQUIPPED WITH OUTSIDE FRESH AIR INTAKES CAPABLE OF PROVIDING 10 CFM FOR EACH OCCUPANT & 0.12 CFM PER SQUARE FOOT OF BUILDING AREA.

PLUMBING NOTES:

1. TOILETS SHALL BE ELONGATED WITH NONABSORBENT OPEN FRONT SEATS.
2. RESTROOM WALLS SHALL BE COVERED WITH NONABSORBENT MATERIAL TO A MINIMUM HEIGHT OF 48 INCHES A.F.F. (70 INCHES MINIMUM IN SHOWERS).
3. ALL PLUMBING FIXTURES SHALL HAVE SEPARATE SHUTOFF VALVES.
4. WATER HEATER SHALL HAVE A T & P RELIEF VALVE WITH DRAIN TO EXTERIOR, AND A SHUTOFF VALVE WITHIN 3 FEET ON THE COLD WATER SUPPLY LINE.
5. DWV SYSTEM SHALL BE EITHER ABS OR PVC – DWV.
6. WATER SUPPLY LINES SHALL BE POLYBUTYLENE, CPVC, OR COPPER; WHEN POLYBUTYLENE SUPPLY LINES ARE INSTALLED THE MAXIMUM WATER HEATER TEMPERATURE SETTING IN 180°F. THE POLYBUTYLENE PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS LIMITATIONS AND INSTRUCTIONS.
7. ALL PIPE HANGERS SHALL BE NON-METALLIC OR OF THE SAME METAL AS THE PIPE BEING SUPPORTED. ALL SUPPORTS FOR PLASTIC PIPES SHALL PERMIT FREE MOVEMENT AND/OR THERMAL EXPANSION OF THE PIPE. PIPING SUPPORTS SHALL BE SPACED IN ACCORDANCE WITH THE APPLICABLE PLUMBING CODE AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.
8. WATER CLOSETS ARE TANK TYPE AND URINALS ARE FLUSH TANK TYPE UNLESS OTHERWISE SPECIFIED.
9. BUILDING DRAIN AND CLEANOUTS ARE DESIGNED AND SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL JURISDICTION APPROVAL.
10. BUILDING OWNER ASSUMES ALL RESPONSIBILITY FOR DRINKING WATER FACILITIES AND SERVICE SINK WHEN NOT SHOWN ON FLOOR PLAN. ALL BUILDING OWNER PROVIDED FACILITIES ARE DESIGNED BY OTHERS.
11. THERMAL EXPANSION DEVICE, IF REQUIRED BY WATER HEATED INSTALLED, AND IF NOT SHOWN ON PLUMBING PLAN, IS DESIGNED AND SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL APPROVAL.

HVHZ NOTES

1. TRUSS BOTTOM CHORDS MUST BE DESIGNED WITH AN ADDITIONAL 200 lb. POINT LOAD
2. ROOFS SHALL BE DESIGNED FOR A MINIMUM LIVE LOAD OF 30 PSF
3. THE TOP PLATE OF STUD BEARING WALLS SHALL BE DOUBLED AND LAPPED AT EACH INTERSECTION OF WALL AND PARTITIONS
4. FLOOR JOISTS UNDER ALL WALLS OR PARTITIONS PARALLEL TO THE JOIST SHALL BE DOUBLED
5. FLOOR JOISTS SUPPORTING CONCRETE OR GROUT FOR TILE FLOORS SHALL HAVE A MAXIMUM SPACING OF 12 INCHES ON CENTER
6. TRUSS BOTTOM CHORDS SUPPORTING A HARD CEILING SHALL HAVE 2x4 BRACING INSTALLED THE FULL LENGTH OF THE BUILDING NO MORE THAN @ 8'-0" O.C.
7. ROOF RIM JOISTS MUST BE A MINIMUM OF 2x4
8. ALL ANCHORS AND RELATIVE FASTENERS SHALL BE GALVANIZED
9. DOORS SHALL REQUIRE PROTECTION BY USE OF APPROVED SHUTTERS BEARING THE APPLICATION FOR FLORIDA PRODUCT APPROVAL OR NOA NUMBER AND SHALL BE INSTALLED ON SITE BY OTHERS, IN ACCORDANCE WITH SECTION 2413 OF THE FLORIDA BUILDING CODE, SUBJECT TO LOCAL JURISDICTION APPROVAL. BUILDING HAS IMPACT RATED WINDOWS.

APPROVED PRODUCTS LIST

PRODUCT CATEGORY	SUB CATEGORY	MANUFACTURED	FLORIDA APPROVAL NUMBER NOA NUMBER
DOORS	SWINGING EXTERIOR DOOR/ASSEMBLIES	FLEMING DOOR PRODUCTS	FL#14237-R1 SHUTTERS REQUIRED
WINDOWS	SINGLE HUNG	MI	15447-R2 SHUTTERS REQUIRED
ROOFING	SINGLE PLY ROOFING	MULE HIDE	FL#10703-R4 NOA#13-0411.03 OVER 5/8" CDX PLYWOOD
PANEL WALLS	SIDING	JAMES HARDIE	FL#13223-R1 NOA#13-0311.07
STRUCTURAL COMPONENTS	WOOD CONNECTORS	SIMPSON STRONG TIE	FL#10852-R2

STEEL STRAPS PER RADCO LISTING #1235

FOUNDATION PLANS:

IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF COMMUNITY AFFAIRS THESE BUILDING PLANS DO NOT CONTAIN FOUNDATION SUPPORT AND TIE DOWN SYSTEM DETAILS AND SPECIFICATIONS. THE ENGINEER OF THE BUILDING PLANS SHOULD BE CONTACTED TO OBTAIN APPROPRIATE FOUNDATION PLANS. IF THE FOUNDATION PLANS ARE DESIGNED BY OTHERS THE ENGINEER OF THE BUILDING PLANS SHALL NOT BE HELD RESPONSIBLE OR LIABLE FOR THE FOUNDATION DESIGN AND THE CONSEQUENTIAL PERFORMANCE OF THE SUPERSTRUCTURE'S STRUCTURAL COMPONENTS AND SYSTEMS RELATING THERETO.

"NOTICE"

PLEASE REVIEW PLANS COMPLETELY, ANY COMPONENTS CROSSING MATE LINES WILL BE SITE INSTALLED BY SET UP CREW.

CODE SUMMARY

STATE	BUILDING	ELECTRICAL	MECHANICAL	PLUMBING	ACCESSIBILITY	ENERGY CODE
FLORIDA	2010 FBC – BUILDING W/ 2012 SUPPLEMENTS 2009 NFPA 101 2010 FL FIRE PREVENTION CODE	2008 NEC	2010 FBC MECHANICAL	2010 FBC PLUMBING	2012 FBC ACCESSIBILITY	2010 FBC ENERGY CONSERVATION

OCCUPANCY DATA

- CONSTRUCTION TYPE: V-B (UNSPRINKLED/UNPROTECTED)
- OCCUPANCY: E – (EDUCATIONAL)
- OCCUPANT LOAD IS 52 BASED UPON 1 PERSON PER 20 SQUARE FEET OF NET CLASSROOM AREA

Date 4-30-14 Plan No. 1578-4858F
Approved By SCOTT S. FRANCIS

Modular Building Plans Examiner
Florida License No. SMP-42

JAMES E. BRADLEY
STATE OF FLORIDA
PROFESSIONAL ENGINEER

JAMES BRADLEY P.E.
CONSULTING ENGINEER
212 FOX TRAIL
PARKESBURG, PA. 19365

THIRD PARTY: HWC
HILBORN, WERNER, CARTER & ASSOCIATES
1627 SOUTH MYRTLE AVE.
CLEARWATER, FLORIDA 33756

LISTING AGENCY APPROVAL

THESE PRINTS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODE AND ADHERE TO THE FOLLOWING CRITERIA.

CONST. TYPE	V-B
OCCUPANCY	E-EDUCATIONAL
ALLOWABLE NO. OF FLOORS	1
RISK CATEGORY	II
WIND VELOCITY (ULT)	175 MPH (HVHZ)
WIND VELOCITY (ASD)	136 MPH (HVHZ)
FIRE RATING OF EXT. WALLS	0
PLAN NO.	1578-4858F
ALLOW. FLOOR LOAD	100 PSF
APPROVAL DATE	4-30-14
MANUFACTURER	SMM
HIGH VELOCITY HURRICANE ZONE	YES

HWC
MR-281

Southeast Modular Manufacturing Corporate Office
2500 INDUSTRIAL STREET
LEESBURG, FLORIDA 34748

DRAWN BY:	CH
CHECKED BY:	JB
DATE:	04/10/14
SCALE:	1/4"=1'-0"
HWC#	1578-4858F
SERIAL#	SEE ABOVE

SHEET: 1 OF 4 SHEETS

ELEVATION NOTES (TYP.)

1.) HANDICAP RAM(S), STAIR(S), AND HANDRAILS ARE TO BE DESIGNED AND SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL JURISDICTION AND APPROVAL.

2.) FOUNDATION ENCLOSURE (WHEN PROVIDED) MUST HAVE 1 SQUARE FOOT NET VENT AREA PER 1/150th OF THE FLOOR AREA, AND AN 18" x 24" MINIMUM CRAWL SPACE ACCESS, SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL JURISDICTION AND APPROVAL.

FRAME	
TYPE	OUTRIGGER - (2) 11'-6" x 56'-0"
BEAM	M12 x 11.8 COLD ROLLED BEAM
CROSSMEMBERS	STD OUTRIGGERS & 3" FORMED "C" @ 48" O.C.
BRAKE AXLES	6000# 82" CENTERS W/ 12 PLY TIRES (3 PER FRAME)
TAG AXLES	6000# 82" CENTERS W/ 12 PLY TIRES (2 PER FRAME)
AXLES	UNDERSLUNG AXLES
HITCH	STD DETACHABLE
MISC	I-BEAM HEAD BOARDS

FLOOR	
JOIST	2x6 #2 SYP @ 16" O.C. (DBL RAIL)
DECKING	SINGLE LAYER 3/4" T&G PLYWOOD 24 oc SPAN INDEX
FLOOR COVERING	1/8"x12"x12" VINYL TILE - RESTROOMS ONLY
BOTTOM BOARD	SIMPLEX
INSULATION	R-19 UNFACED
MISC	DOUBLE FLOOR JOIST UNDER PARALLEL WALLS

EXTERIOR WALLS	
STUDS	2x4 SYP #2 @ 12" O.C. - 8'-3" HIGH
PLATES	2x4 #2 SYP DBL TOP & SGL BTM
WALL COVERING	1/2" VINYL COVERED GYPSUM
INSULATION	R-13 KRAFT (R-19 KRAFT @ 2x6 WALLS)
TRIM	STD VCG & 2" BATTEN BASE
MISC	2X6 FULL HEIGHT BALLOON WALLS @ 16" O.C.

INTERIOR WALLS	
STUDS	2x4 SYP #2 @ 16" O.C.
PLATES	2x4 #2 SYP DBL TOP & SGL BTM
WALL COVERING	1/2" VINYL COVERED GYPSUM
WALL COVERING	48" HIGH FRP WAINSCOT IN RESTROOMS
INSULATION	R-13 UNFACED (ALL WALLS)
TRIM	STD VCG & 2" BATTEN BASE
MISC	WALLS TO UNDERSIDE OF ROOF DECKING
MISC	1/2" SOUND FULL HEIGHT - PER PRINT

ROOF	
TYPE	TRANSVERSE
RAFTERS	2X8 #2 SYP RAFTERS @ 16" O.C. 12" O.C. 4'-0" FROM ENDWALLS
SHEATHING	5/8" CDX PLYWOOD 32/16 SPAN INDEX
BARRIER BOARD	7/16" FR DECK OR EQUAL
SIDE WALLS	(2) LAYERS 3/4" PLYWOOD HEIGHT PER PRINT
MATE BEAM	STEEL CLEAR SPAN GIRDER W/STEEL COLUMNS
CEILING	2x2 CELOTEX SUSPEDED CEILING CEILING @ 8'-0" (GRID STONE @ RESTROOMS)
INSULATION	R-30 UNFACED HELD UP WITH NETTING

PLUMBING	
SUPPLY PIPES	CPVC
WASTE PIPES	PVC SCHEDULE 40 - STUB THRU FLOOR
WATER HEATER	(1) 6.5 KW 240V EEMAX
TOILET	(2) H.C. ELONGATED TANK
LAVATORY	(2) WALL TYPE w/INSULATED P-TRAP
GRAB BARS	36" & 42" S.S. (2 EA.)
ACCESSORIES	(2) STD MIRRORS | (2) STD TP HOLDER
MISC	FERNCO WASTE COUPLERS

ELECTRICAL	
PANEL	(2) 125 AMP 120/240 V SGL PHASE (LOCKING COVERS)
RACEWAY	COPPER ROMEX & MC WIRE IN CEILING
LIGHTS	(15) 432 TROFFER - T-8 ELECTRONIC BALLAST
LIGHTS	(2) 60 WATT DOME LIGHTS
PORCH LIGHT	(2) STD W/ PHOTO CELL
RECEPTS	20 AMP 115V, DUPLEX
RECEPTS	(2) GFCI DUPLEX
RECEPTS	(2) EXTERIOR GFCI W/ LOCKING COVER
J-BOXES	J-BOXES W/ CONDUIT STUBBED UP - PER PRINT
EM LIGHT	(3) STD DUAL HEAD W/ BATTERY BACK-UP
EXIT SIGN	(4) STD W/ BATTERY BACK-UP
SWITCHES	STD TOGGLE & 3-WAY - PER PRINT

HVAC - DEHUM/ERV	
TYPE	(2) 3.5 TON WALL MOUNT BARD W/ 10 KW HEAT STRIP
SUPPLY DUCT	20X10 FIBERGLASS
S/A DIFFUSSERS	24x24 W/ 8" FLEX DUCT
RETURN DUCT	20X10 FIBERGLASS
R/A GRILLES	24x24 W/ 8" FLEX DUCT
THERMOSTAT	(2) AR7804 PROGRAMMABLE W/ HUMIDISTAT
EXHAUST FANS	(2) 100 CFM

MISC	
MARKER BOARD	(4) 8'-0" x 4'-0" MELAMINE MARKER BOARDS

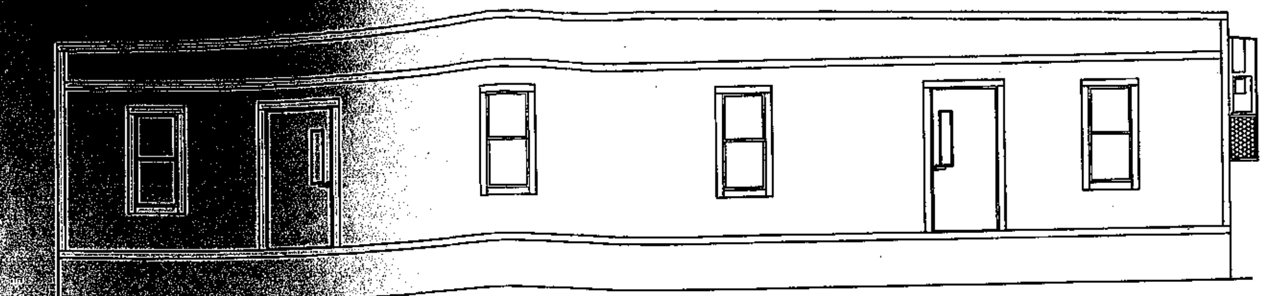
EXTERIORS	
SIDE SHEATHING	5/8" CDX W/ HOUSE WRAP
END SHEATHING	5/8" CDX W/ HOUSE WRAP
SIDING	HARDI-PANEL SIERRA
TRIM	HARDI TRIM (CONTINUOUS TRIM ALL CORNERS)
ROOF COVERING	.045 WHITE EPDM
MISC.	FALSE MANSARD FOLLOWS ROOF LINE

DOOR SCHEDULE

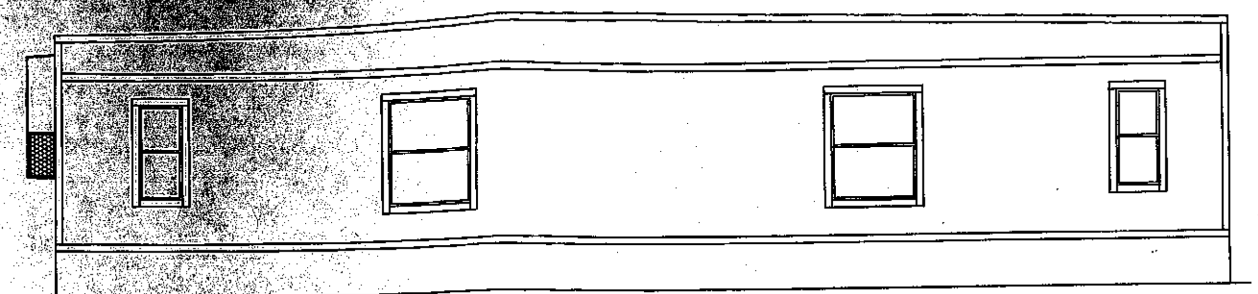
#	SIZE	DESCRIPTION	QTY	HEADER	JACKS	KINGS	COMMENTS
①	36x80	STEEL/STEEL V/6x30 V.B.	2	DBL 2x4	1	2	
	TELL CLASSROOM FUNCTION KEYED LEVER, CLOSER, ADA THRESHOLD & WEATHERSTRIPING						
②	36x80	SOLID CORE - REDIFRAME	2	SGL 2x4	0	2	PREFINISHED IMPERIAL OAK
	TELL GRADE 3 PASSAGE LEVER SET, CLOSER						
③	36x80	SOLID CORE - REDIFRAME	2	SGL 2x4	0	2	PREFINISHED IMPERIAL OAK
	TELL GRADE 3 PRIVACY LEVER SET						

WINDOW SCHEDULE

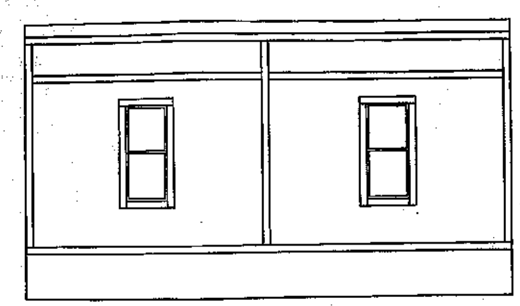
#	SIZE	DESCRIPTION	QTY	HEADER	JACKS	KINGS	COMMENTS
Ⓐ	24x54	VS/WHITE/BRONZE INSULATED W/ MINI PVC BLINDS	8	DBL 2x4	1	1	80" TO HEADER
Ⓑ	40x60	VS/WHITE/BRONZE INSUL/EGRSS W/ MINI PVC BLINDS	2	DBL 2x6	1	1	80" TO HEADER



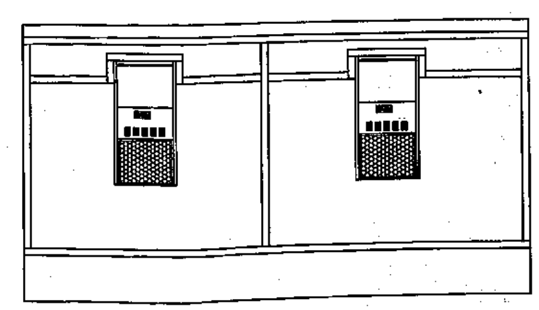
FRONT ELEVATION
SCALE: NTS



REAR ELEVATION
SCALE: NTS



LEFT SIDE ELEVATION
SCALE: NTS



RIGHT SIDE ELEVATION
SCALE: NTS

PROJECT HISTORY
START DATE: 04/10/14
CUSTOMER CHANGES: 04/16/14
3rd Party Comments: 04/30/14

MOBILE MODULAR
2-UNIT M-PLEX EDUCTIONAL W/HALL (HVHZ)
SN: 18706-18707
MATERIAL SCHEDULE & ELEVATIONS

Southeast Modular Manufacturing Corporate Office
2500 INDUSTRIAL STREET
LEESBURG, FLORIDA 34748

JAMES E. BRADLEY
LICENSE No. 71666
STATE OF FLORIDA
PROFESSIONAL ENGINEER
April 30, 2014

LISTING AGENCY APPROVAL

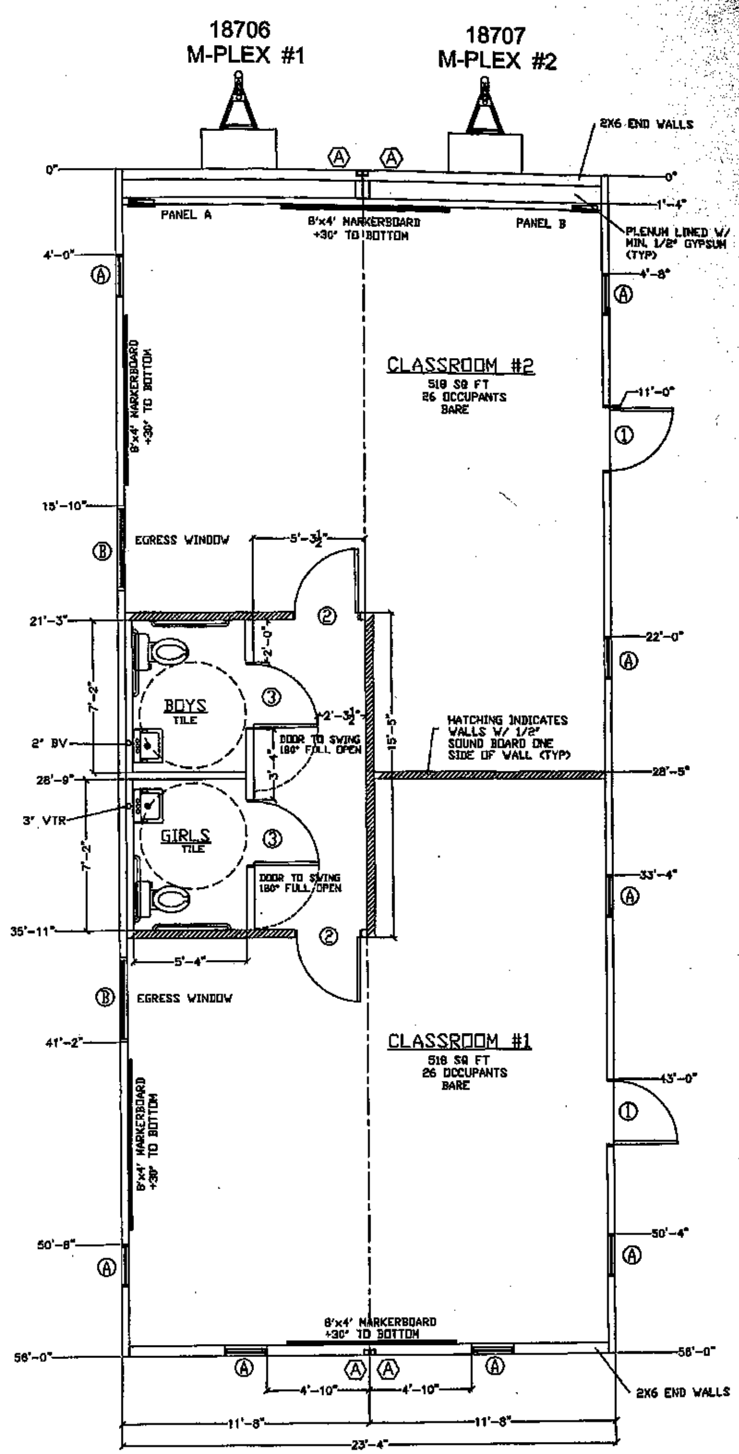
CONST. TYPE V-B
OCCUPANCY E-EDUCATIONAL
ALLOWABLE NO. OF FLOORS 1
RISK CATEGORY II
WIND VELOCITY (ULT) 175 MPH (HVHZ)
WIND VELOCITY (ASD) 136 MPH (HVHZ)
FIRE RATING OF EXT. WALLS 0
PLAN NO. 1578-4858F
ALLOW. FLOOR LOAD 100 PSF
APPROVAL DATE 4-30-14
MANUFACTURER SMM
HIGH VELOCITY HURRICANE ZONE YES

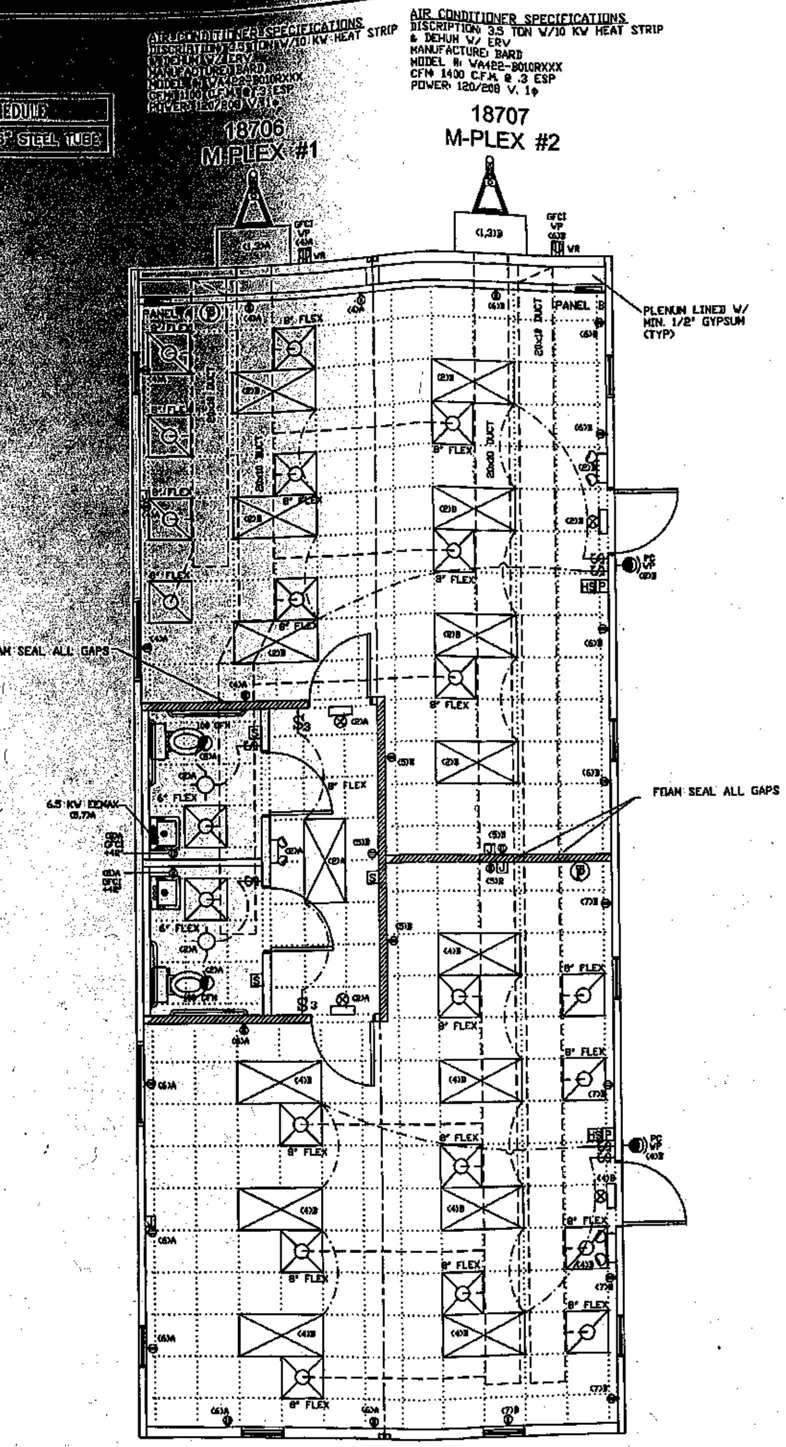
HWC
MOR-361

JAMES BRADLEY P.E.
CONSULTING ENGINEER
212 FOX TRAIL
PARKESBURG, PA. 19365

THIRD PARTY: HWC
HILBORN, WERNER, CARTER & ASSOCIATES
1627 SOUTH MYRTLE AVE.
CLEARWATER, FLORIDA 33756

DRAWN BY: CH
CHECKED BY: JB
DATE: 04/10/14
SCALE: 1/4"=1'-0"
HWC# 1578-4858F
SERIAL# SEE ABOVE
SHEET: 2
OF 4 SHEETS





SYMBOLS LEGEND

- ELECTRICAL PANEL
- 2x4 TROFFER FLUORESCENT FIXTURE W/ (4) 32 WATT BULBS
- EMERGENCY LIGHT W/BATTERY BACK UP @ 90" A.F.F.
- EXIT SIGN W/BATTERY BACK UP @ 90" A.F.F. OR CEILING MOUNT
- PORCH LIGHT W/PHOTO CELL (WEATHER PROOF) @ 84" A.F.F.
- DUPLEX RECEPT @ 18" A.F.F. OR NOTED
- VR WP DUPLEX EXTERIOR GFCI RECEPT @ 18" A.F.F. W/LOCKING COVER (WEATHER PROOF & WEATHER RESISTANT)
- $ SWITCH @ 44" A.F.F.
- $3 SWITCH @ 44" A.F.F.
- 24x24 SUPPLY AIR DIFFUSER
- 24x24 RETURN AIR DIFFUSER
- PROGRAMMABLE THERMOSTAT @ 44" A.F.F.
- EXHAUST FAN/LIGHT CFM NOTED
- 60 WATT DRUM LIGHT
- FIRE ALARM PULL STATION 2x4 BOX W/ CONDUIT DOWN @ 44" TO CENTER
- FIRE ALARM HORN/STROBE 4x4 BOX W/ CONDUIT DOWN @ 6'-8" TO BOTTOM OF BOX
- FIRE ALARM STROBE 4x4 BOX W/ CONDUIT DOWN @ 6'-8" TO BOTTOM OF BOX

EXIT SIGNS AND EMERGENCY LIGHTS TO BE WIRED PRIOR TO LIGHT SWITCHES. DO NOT SWITCH.

MC FLEX TO BE USED ABOVE T-GRID CEILING ALL WIRE IN WALLS MAY BE NON-METALIC SHEATHED (ROMEX).

PANEL A

ELECTRICAL PANEL SIZING:

DESCRIPTION 120/240 V. 1-PHASE 125 AMP

GENERAL LIGHTING .0030 KW/SF x 180 SF x 1.25 = 0.68
15 RECEPTS AT 180VA/1000 = 2.7
H.V.A.C. = 10.9
(1) 6.5 KW EEMAX WATER HEATER = 6.5

TOTAL 20.78
TOTAL/240 x 1000 = 86.6 AMPS
INSTALL 125 AMP PANEL
120/240 V 1-Ø

ELECTRICAL SCHEDULE

CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (CU)
1,3	H.V.A.C.	60AMP (2P) 6-2 w/#8 gnd	
2	LIGHTS	20A	12-2 MC
4,6,8	RECEPTS	20A	12-2 NM
5,7	WATER HEATER	30A-2P	10-3 NM

PANEL B

ELECTRICAL PANEL SIZING:

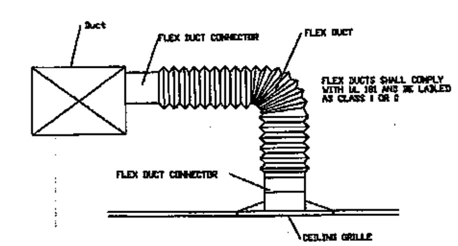
DESCRIPTION 120/240 V. 1-PHASE 125 AMP

GENERAL LIGHTING .0030 KW/SF x 1127 SF x 1.25 = 4.23
16 RECEPTS AT 180VA/1000 = 2.88
H.V.A.C. = 10.9

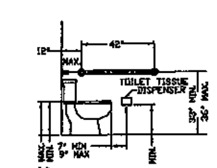
TOTAL 18.01
TOTAL/240 x 1000 = 75.1 AMPS
INSTALL 125 AMP PANEL
120/240 V 1-Ø

ELECTRICAL SCHEDULE

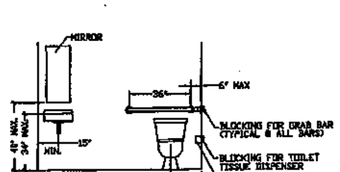
CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (CU)
1,3	H.V.A.C.	60AMP (2P) 6-2 w/#8 gnd	
2,4	LIGHTS	20A	12-2 MC
5,6,7	RECEPTS	20A	12-2 NM



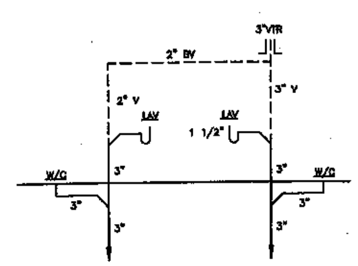
SECTION @ DUCT



SIDE ELEVATION (TOILET)

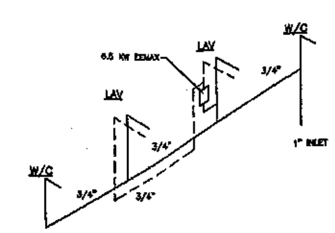


FRONT ELEVATION



WASTE SCHEMATIC

N.T.S



SUPPLY WATER SCHEMATIC

N.T.S

HOT - - - - -
COLD ———

ALL SUPPLY LINES SHALL BE 3/4" AND ALL STUB-UPS SHALL BE 1/2" UNLESS OTHERWISE SPECIFIED. SUPPLY LINE SIZING IS BASED ON AN ASSUMED AVAILABLE PRESSURE OF 46 TO 60 PSI AT MAIN INLET AND SHOULD BE VERIFIED PRIOR TO CONSTURCTION.

VALID April 30 2014 — JAMES E. BRADLEY, LICENSE No. 16686, STATE OF FLORIDA, PROFESSIONAL ENGINEER

JAMES BRADLEY P.E.
CONSULTING ENGINEER
212 FOX TRAIL
PARKESBURG, PA. 19365

THIRD PARTY: HWC HILBORN, WERNER, CARTER & ASSOCIATES 1627 SOUTH MYRTLE AVE. CLEARWATER, FLORIDA 33756

LISTING AGENCY APPROVAL

THESE PRINTS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODE AND ADHERE TO THE FOLLOWING CRITERIA

CONST. TYPE	V-B
OCCUPANCY	E-EDUCATIONAL
ALLOWABLE NO. OF FLOORS	1
RISK CATEGORY	II
WIND VELOCITY (ULT)	175 MPH (HVHZ)
WIND VELOCITY (ASD)	136 MPH (HVHZ)
FIRE RATING OF EXT. WALLS	0
PLAN NO.	1578-4858F
ALLOW. FLOOR LOAD	100 PSF
APPROVAL DATE	4-30-14
MANUFACTURER	SMM
HIGH VELOCITY HURRICANE ZONE	YES

HWC MUR-201

PROJECT HISTORY

START DATE:	04/10/14
CUSTOMER CHANGES:	04/14/14
3rd Party Comments:	04/30/14

MOBILE MODULAR

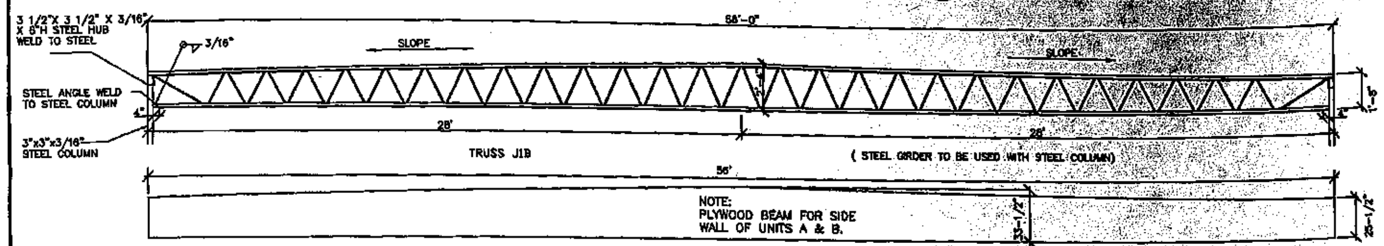
2-UNIT M-PLEX EDUCTIONAL W/HALL (HVHZ)

SN: 18706-18707

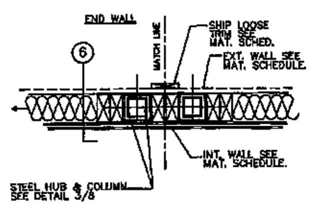
FLOOR/ELECTRICAL/HVAC PLAN

Southeast Modular Manufacturing Corporate Office
2500 INDUSTRIAL STREET
LEESBURG, FLORIDA 34748

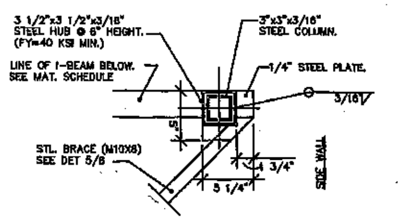
DRAWN BY:	CH
CHECKED BY:	JB
DATE:	04/10/14
SCALE:	1/4"=1'-0"
HWC#	1578-4858F
SERIAL#	SEE ABOVE
SHEET:	3
OF	4 SHEETS



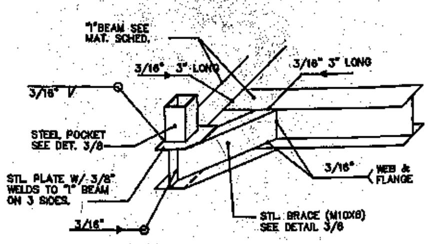
1 STEEL JOIST & PLYWOOD BEAM
NTS



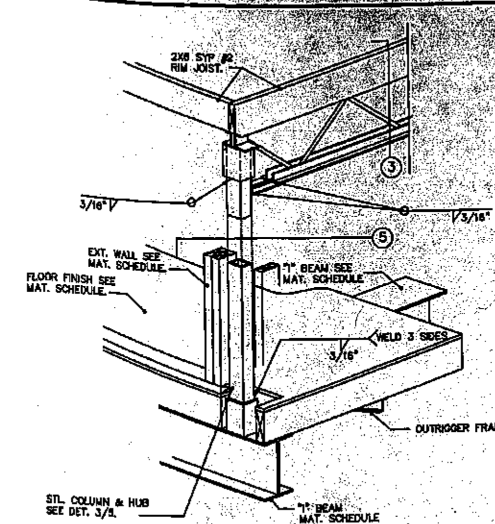
4 PLAN DETAIL
N.T.S.



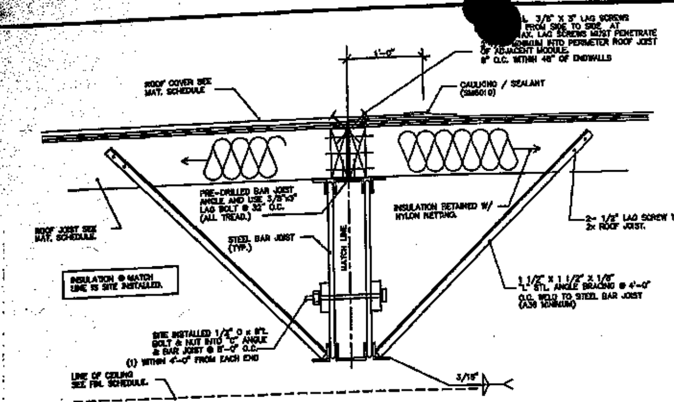
5 CORNER HUB/STL. COLUMN DETAIL
N.T.S.



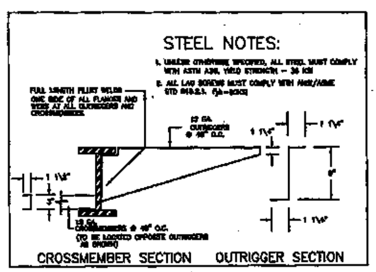
6 POCKET DETAIL
N.T.S.

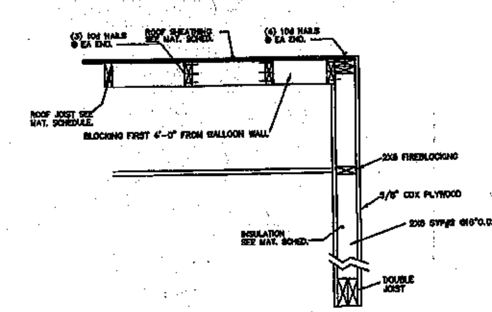


2 CORNER STL. COL. DET.
N.T.S.



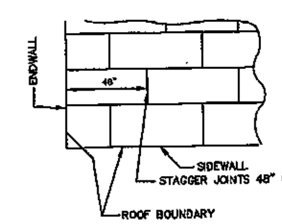
3 SECTION @ MATCH LINE
N.T.S.



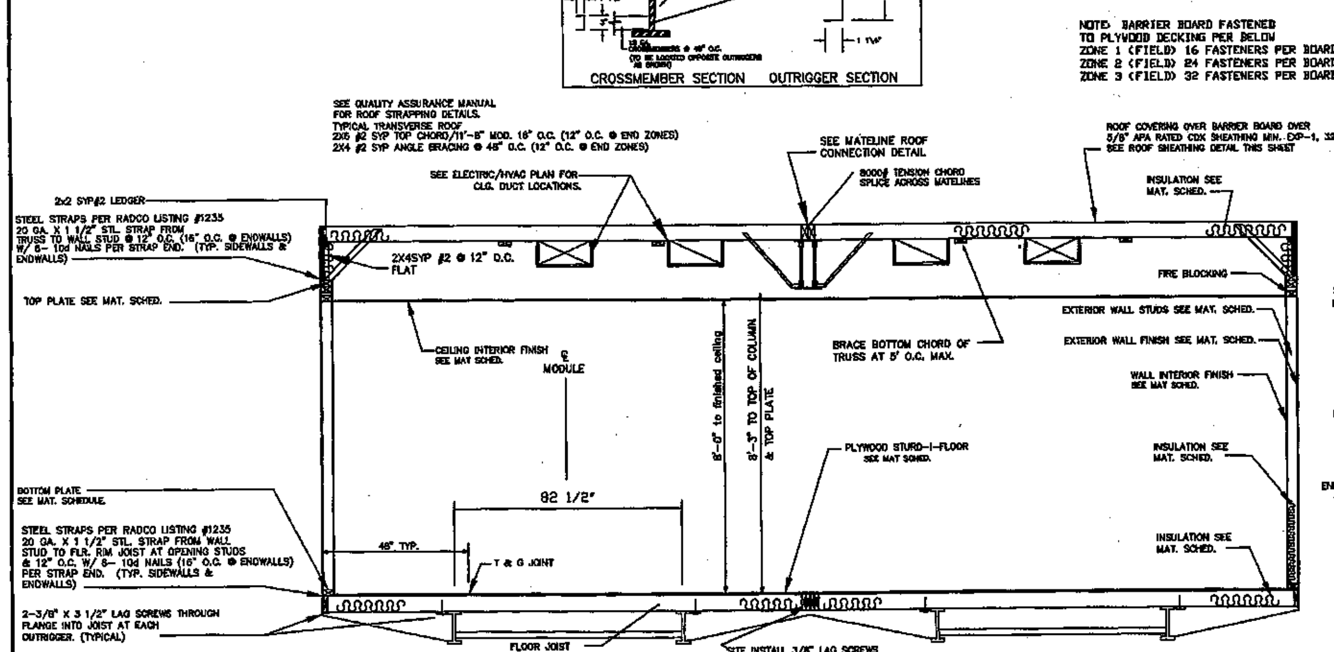


BALLOON END WALL DETAIL

5/8" CDX SHEATHING ROOF DIAPHRAGM SHALL BE BLOCKED W/ 2X SYP#2 NOM. LUMBER FOR A DISTANCE OF 4'-0" FROM EACH ENDWALL. NAIL ROOF BOUNDARIES W/ 10d NAILS @ 4" O.C. OTHER PANEL EDGES 8d NAILS @ 6" O.C. REMAINDER OF ROOF NAIL WITH 8d NAILS @ 6" O.C. AT PANEL EDGES.
FIELD LOCATIONS AS FOLLOWS.
4" O.C. IN AREAS WITHIN 4' OF GABLES, 8" O.C. AT ALL OTHER LOCATIONS WITHIN 4' OF EXTERIOR EDGES OF BUILDING, 8" O.C. ELSEWHERE. ALL NAILS SHALL BE 10d COMMON NAILS.



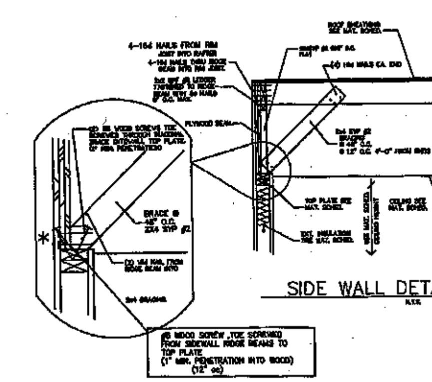
ROOF SHEATHING DETAIL



CROSS SECTION
N.T.S.

SIDEWALLS:
BRACING INSTALLATION:
STRUCTURAL SHEATHING SHALL EXTEND CONTINUOUSLY FROM TOP OF ROOF RIM MEMBER TO BOTTOM OF FLOOR JOIST RIM MEMBER WITH ALL SHEATHING EDGES EXTENDING 3/4" MINIMUM OVER 2" NOMINAL LUMBER OF THE SAME SIZE AND GRADE AS EXTERIOR WALL FRAMING. BRACING SHALL BE LOCATED AS CLOSE TO EACH CORNER OF THE BUILDING AS POSSIBLE AND AT ENTIRE LENGTH OF BUILDING
BRACING MATERIAL:
5/8" APA RATED CDX SHEATHING, EXP.-1, EXP.-2, EXT.
FASTENED w/8d COMMON OR GALV. BOX NAILS AT 4" O.C. (EDGES) AND 6" O.C. (FIELD)

ENDWALLS:
BRACING INSTALLATION:
STRUCTURAL SHEATHING SHALL EXTEND CONTINUOUS FROM TOP OF TRUSS TOP CHORD TO 3/4" MIN. BELOW TOP OF RIM JOIST w/ALL SHEATHING EDGES SUPPORTED BY 2" NOMINAL LUMBER OF THE SAME SIZE AND GRADE AS EXTERIOR WALL FRAMING.
BRACING MATERIAL:
5/8" APA RATED CDX SHEATHING, EXP.-1, EXP.-2, EXT.
FASTENED w/8d COMMON OR GALV. BOX NAILS AT 4" O.C. (EDGES) AND 6" O.C. (FIELD)



SIDE WALL DETAIL

SIDE WALL BEAM CONSTRUCTION

2 LAYERS x 3/4" x 25 1/2" TO 33 1/2" PLYWOOD RATED SHEATHING, EXPOSURE 1, STRUCT. 1 5PLY, 5 LAYER, 48\24 (SEE FLOORPLAN/DIMENSION FOR RIDGE BEAM SPEC'S) EACH SIDE OF EACH MARRIAGE LINE CONTINUOUS ENTIRE LENGTH OF BUILDING.

NOTES:
1. PLYWOOD FACE GRAIN MUST BE PARALLEL TO THE RIDGE BEAM SPAN.
2. ALL PLYWOOD BUTT JOINTS MUST BE STAGGERED 24" MINIMUM.
3. ALL RIDGE BEAM PLYWOOD LAMINATIONS MUST BE SAME DEPTH, THICKNESS, AND GRADE OF PLYWOOD. NO LUMBER OR PLYWOOD FLANGES ARE PERMITTED.
4. PLYWOOD MUST BE MANUFACTURED IN ACCORDANCE WITH P.S.I. 83.
5. PLYWOOD LAMINATIONS IN EACH HALF OF UNITS MUST BE GLUE NAILED TO ADJACENT LAYERS IN ACCORDANCE WITH P.D.S. SUPPLEMENT #5. WITH AN ADHESIVE COMPLYING WITH A.S.T.M. D3024, D2559, OR CA25-4.
6. PLYWOOD MUST NOT BE TREATED WITH FIRE RETARDANT PROCESS.
7. MOISTURE CONTENT MUST BE LESS THAN 16 %.
8. BEAMS SUPPORTED BY ENDWALL COLUMNS MUST EXTEND CONTINOUS OVER COLUMNS TO EXTERIOR FACE OF ENDWALL.
9. INSTALL (2x4) INCH x 20" SPF#3 RIDGE BEAM BEARING STIFFENER OVER SUPPORT COLUMNS WHEN SPECIFIED ON FLOOR PLAN; FASTEN THE FACE OF THE STIFFENER TO THE RIDGE BEAM WITH 100% GLUE COVERAGE AND (8) 16 GAUGE x 2 1\2 INCH STAPLES.

STEEL NOTES:	
1.	UNLESS OTHERWISE SPECIFIED, ALL STEEL MUST COMPLY WITH ASTM A36, YIELD STRENGTH-36 KSI Fyb= 80 KSI
2.	ALL LAG SCREWS MUST COMPLY WITH ANSI/ASME STANDARD B.18.2.1 Fyb=60 KSI

INTERIOR FINISH MATERIAL:	EXTERIOR FINISH MATERIAL:
CEILING: 2x2 T-GRID @ 8'-0" INTERIOR WALLS: 1/2" VCG & FRP FLOOR: VCT @ RESTROOM (REMAINDER @ SITE)	WALL – HARDI PANEL SIDING INSTALLED OVER 5/8" CDX PLYWOOD W/ HOUSE WRAP INSTALLED PER MANUFACTURERS SPECIFICATIONS. ROOF – 45 MIL WHITE RUBBER ROOF MEMBRANE COVERING OVER 5/8" CDX PLYWOOD OVER BARRIER BADRAD INSTALLED PER MANUFACTURERS SPECIFICATIONS.

JAMES E. BRADLEY LICENSE No. 16996 STATE OF FLORIDA PROFESSIONAL ENGINEER
VALID April 30, 2014

JAMES BRADLEY P.E.
CONSULTING ENGINEER
212 FOX TRAIL
PARKESBURG, PA. 19365

THIRD PARTY: HWC HILBORN, WERNER, CARTER & ASSOCIATES 1627 SOUTH MYRTLE AVE. CLEARWATER, FLORIDA 33756

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APPROVAL DATE	4-30-14
MANUFACTURER	SMM
HIGH VELOCITY HURRICANE ZONE	YES

HWC

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CUSTOMER CHANGES: 04/14/14
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MOBILE MODULAR
2-UNIT M-PLEX EDUCTIONAL W/HALL (HVHZ)
SN: 18706-18707
CROSS SECTION & DETAILS

Southeast Modular Manufacturing Corporate Office
2500 INDUSTRIAL STREET
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SERIAL# SEE ABOVE
SHEET: 4 OF 4 SHEETS